

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129356.D
 Acq On : 26 Jul 2022 15:32
 Operator : CG\JU
 Sample : N3839-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-1-(10-15)MS

Quant Time: Jul 27 00:39:42 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/27/2022
 Supervised By : Jagrut Upadhyay 07/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	223757	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	908359	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	468616	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	725195	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	365506	20.000	ng	0.00
86) Perylene-d12	15.551	264	432313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1336928	97.331	ng	0.01
7) Phenol-d6	6.516	99	1782135	103.221	ng	0.00
23) Nitrobenzene-d5	7.451	82	1058532	63.613	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	436367	96.854	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1791206	59.130	ng	0.00
79) Terphenyl-d14	12.998	244	1382942	71.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	270359	43.624	ng	89
3) Pyridine	3.498	79	729996	42.416	ng	87
4) n-Nitrosodimethylamine	3.451	42	353716	46.803	ng	92
6) Aniline	6.551	93	648108	30.196	ng	99
8) 2-Chlorophenol	6.669	128	730442	48.674	ng	97
9) Benzaldehyde	6.434	77	371286	31.667	ng	97
10) Phenol	6.528	94	853349m	46.413	ng	
11) bis(2-Chloroethyl)ether	6.622	93	703094	48.220	ng	91
12) 1,3-Dichlorobenzene	6.822	146	747528	46.446	ng	99
13) 1,4-Dichlorobenzene	6.904	146	764076	46.680	ng	99
14) 1,2-Dichlorobenzene	7.051	146	719866	47.846	ng	97
15) Benzyl Alcohol	7.028	79	598430	47.792	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1043841	47.625	ng	93
17) 2-Methylphenol	7.139	107	574971	46.185	ng	97
18) Hexachloroethane	7.398	117	288600	46.825	ng	93
19) n-Nitroso-di-n-propyla...	7.298	70	478501	45.780	ng	94
20) 3+4-Methylphenols	7.286	107	685345	43.297	ng	93
22) Acetophenone	7.298	105	948428	44.846	ng	# 95
24) Nitrobenzene	7.469	77	758317	44.255	ng	96
25) Isophorone	7.704	82	1392198	46.675	ng	99
26) 2-Nitrophenol	7.786	139	387332	45.820	ng	90
27) 2,4-Dimethylphenol	7.816	122	650112	51.270	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	858343	49.607	ng	99
29) 2,4-Dichlorophenol	8.028	162	587096	44.859	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	595333	43.947	ng	97
31) Naphthalene	8.192	128	2008387	43.519	ng	100
32) Benzoic acid	7.939	122	390878	42.640	ng	95
33) 4-Chloroaniline	8.233	127	212344	11.207	ng	98
34) Hexachlorobutadiene	8.304	225	341495	44.348	ng	99
35) Caprolactam	8.616	113	188773m	44.365	ng	
36) 4-Chloro-3-methylphenol	8.722	107	638734	46.015	ng	94
37) 2-Methylnaphthalene	8.880	142	1314222	43.821	ng	99
38) 1-Methylnaphthalene	8.980	142	1259017	43.487	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	554948	45.100	ng	# 98
41) Hexachlorocyclopentadiene	9.033	237	655595	119.651	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	402801	45.070	ng	96

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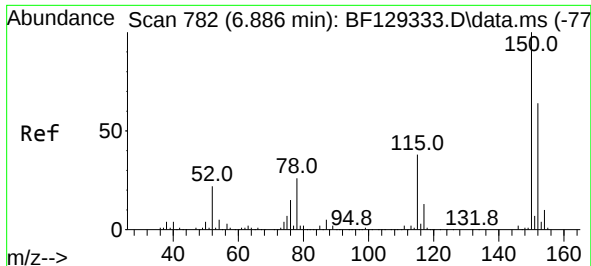
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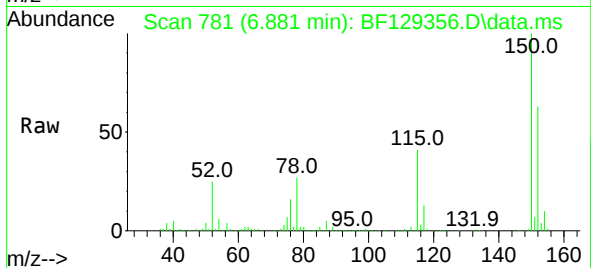
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	424370	43.664	ng	95
46) 1,1'-Biphenyl	9.345	154	1581229	46.235	ng	99
47) 2-Chloronaphthalene	9.375	162	1224791	44.301	ng	99
48) 2-Nitroaniline	9.469	65	395033	42.970	ng	94
49) Acenaphthylene	9.792	152	1854730	44.150	ng	99
50) Dimethylphthalate	9.651	163	1432333	44.276	ng	100
51) 2,6-Dinitrotoluene	9.716	165	327346	45.210	ng	90
52) Acenaphthene	9.963	154	1295561m	47.217	ng	
53) 3-Nitroaniline	9.880	138	179943	21.046	ng	# 93
54) 2,4-Dinitrophenol	9.992	184	305344	82.608	ng	90
55) Dibenzofuran	10.133	168	1679776	44.410	ng	96
56) 4-Nitrophenol	10.045	139	521644	82.699	ng	95
57) 2,4-Dinitrotoluene	10.122	165	420221	44.427	ng	88
58) Fluorene	10.480	166	1299458	42.937	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	315660m	42.028	ng	
60) Diethylphthalate	10.345	149	1365614	43.668	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	590892	44.288	ng	94
62) 4-Nitroaniline	10.504	138	321956	37.959	ng	91
63) Azobenzene	10.627	77	1371341	42.993	ng	95
65) 4,6-Dinitro-2-methylph...	10.527	198	198341	43.332	ng	93
66) n-Nitrosodiphenylamine	10.586	169	1142741	47.317	ng	96
67) 4-Bromophenyl-phenylether	10.957	248	380530	47.919	ng	93
68) Hexachlorobenzene	11.027	284	404509	47.012	ng	97
69) Atrazine	11.116	200	357545	48.741	ng	97
70) Pentachlorophenol	11.222	266	395403	84.531	ng	98
71) Phenanthrene	11.445	178	1738591	43.919	ng	100
72) Anthracene	11.492	178	1755938	45.138	ng	100
73) Carbazole	11.651	167	1549424	42.311	ng	99
74) Di-n-butylphthalate	11.974	149	1930059	44.257	ng	99
75) Fluoranthene	12.633	202	1561112	38.921	ng	99
77) Benzidine	12.751	184	435130	33.699	ng	99
78) Pyrene	12.863	202	1521821	49.790	ng	100
80) Butylbenzylphthalate	13.474	149	630134	47.531	ng	96
81) Benzo(a)anthracene	14.051	228	1110569	44.480	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	294108	35.677	ng	# 98
83) Chrysene	14.086	228	1058230	44.972	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	828489	47.468	ng	98
85) Di-n-octyl phthalate	14.645	149	1280361	50.977	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1530172	52.561	ng	99
88) Benzo(b)fluoranthene	15.115	252	1252097	43.663	ng	99
89) Benzo(k)fluoranthene	15.145	252	1171769	41.697	ng	99
90) Benzo(a)pyrene	15.492	252	1137225	48.852	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	1291898	54.522	ng	98
92) Benzo(g,h,i)perylene	17.527	276	1357347	56.060	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

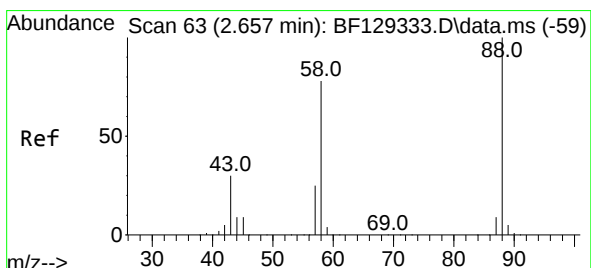
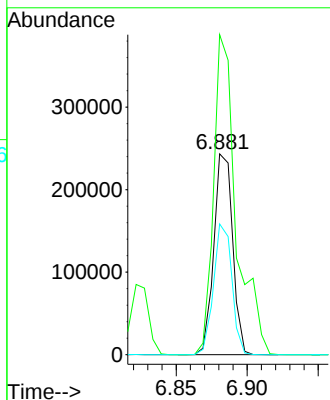
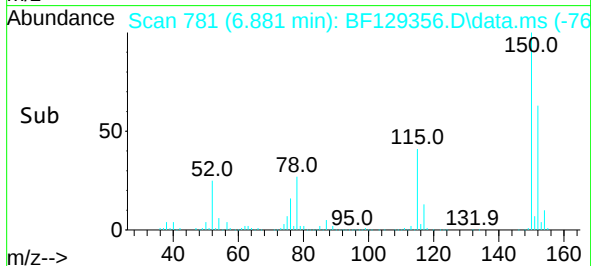
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ENV-DE-1-(10-15)MS



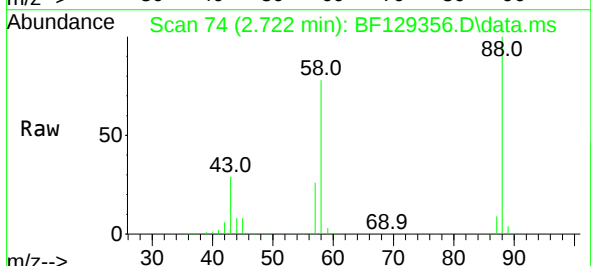
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Ion Ratio Lower Upper
152 100
150 159.4 123.7 185.5
115 65.1 49.9 74.9

Manual Integrations
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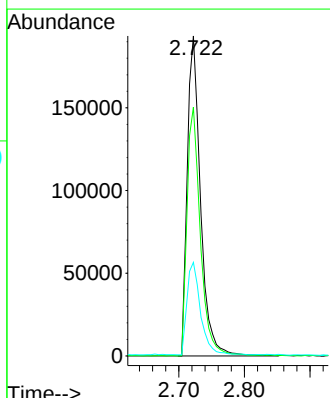
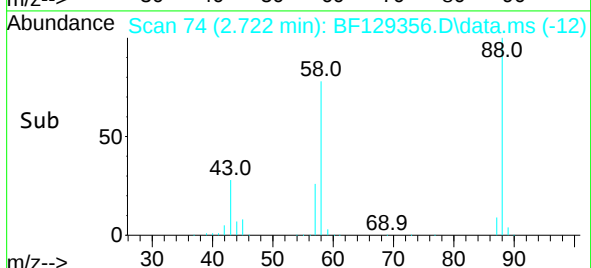
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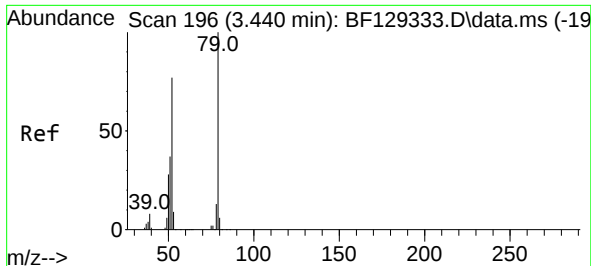


#2
1,4-Dioxane
Concen: 43.624 ng
RT: 2.722 min Scan# 74
Delta R.T. 0.065 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



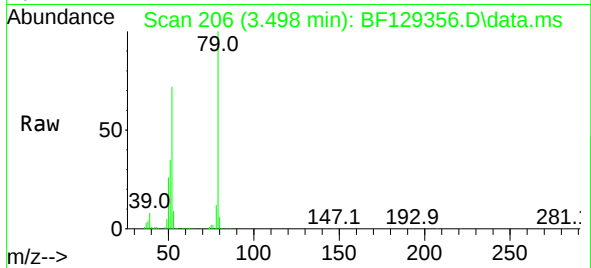
Tgt Ion: 88 Resp: 270359
Ion Ratio Lower Upper
88 100
58 78.3 71.8 107.8
43 29.4 26.6 39.8





#3
Pyridine
Concen: 42.416 ng
RT: 3.498 min Scan# 206
Delta R.T. 0.059 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

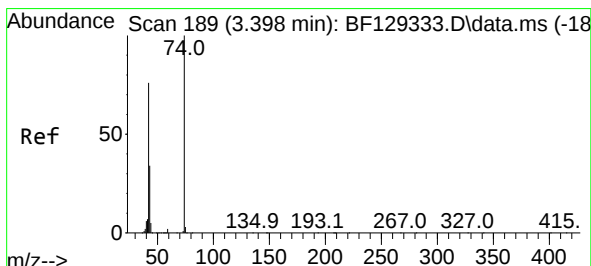
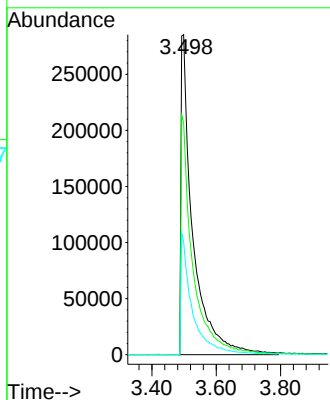
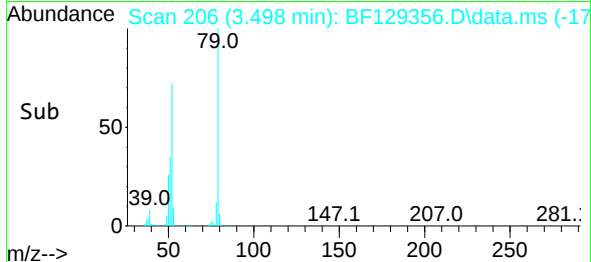
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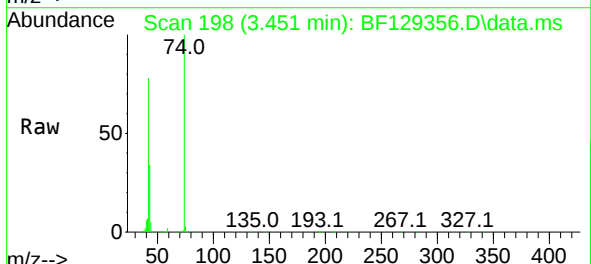
Tgt Ion: 79 Resp: 729990
Ion Ratio Lower Upper
79 100
52 72.4 68.6 102.8
51 35.3 32.9 49.3

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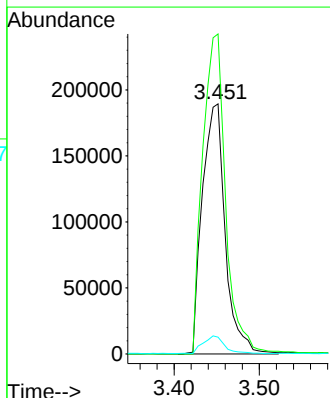
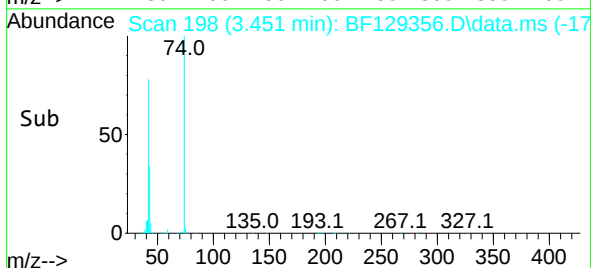
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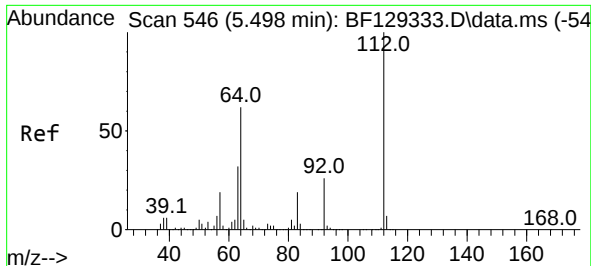


#4
n-Nitrosodimethylamine
Concen: 46.803 ng
RT: 3.451 min Scan# 198
Delta R.T. 0.053 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



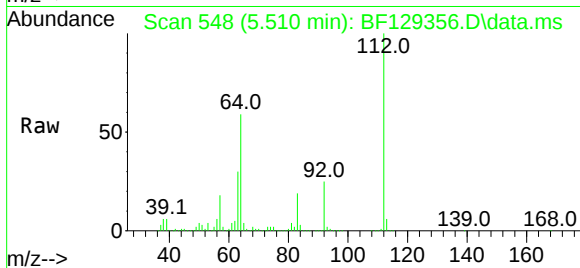
Tgt Ion: 42 Resp: 353716
Ion Ratio Lower Upper
42 100
74 128.0 94.8 142.2
44 6.7 6.6 10.0





#5
2-Fluorophenol
Concen: 97.331 ng
RT: 5.510 min Scan# 546
Delta R.T. 0.012 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

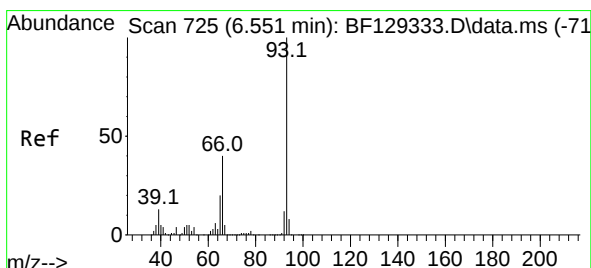
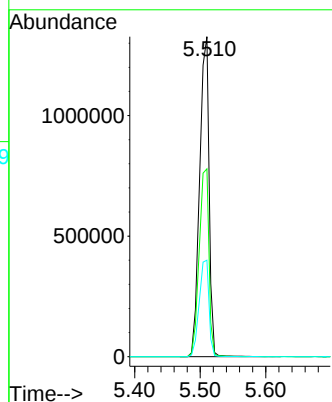
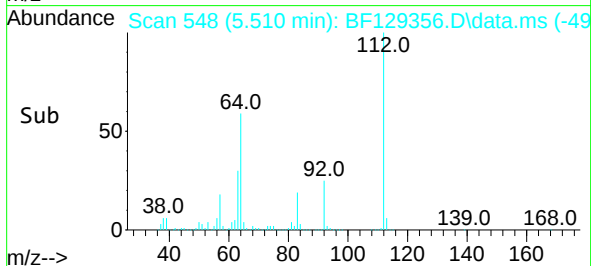
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Tgt Ion: 112 Resp: 1336928
Ion Ratio Lower Upper
112 100
64 58.7 53.3 79.9
63 30.1 28.0 42.0

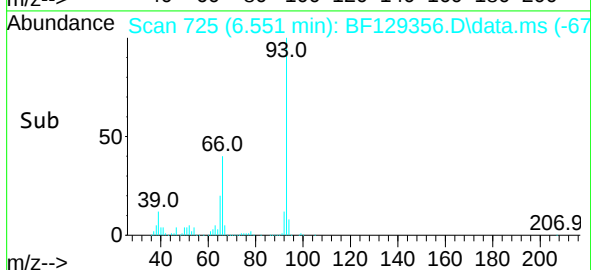
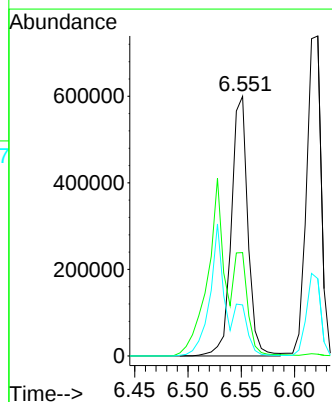
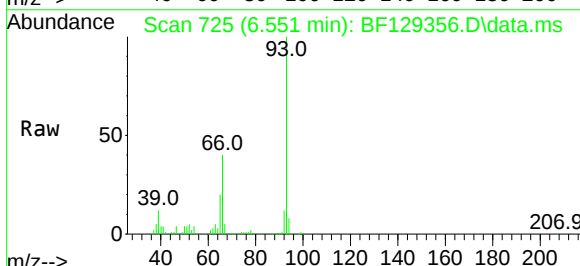
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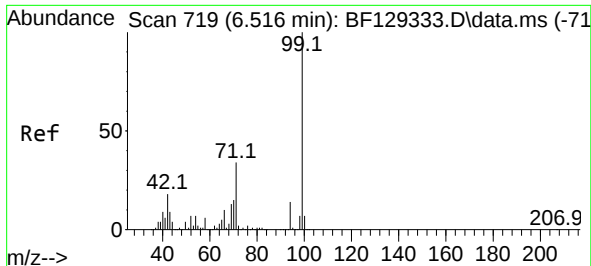
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#6
Aniline
Concen: 30.196 ng
RT: 6.551 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

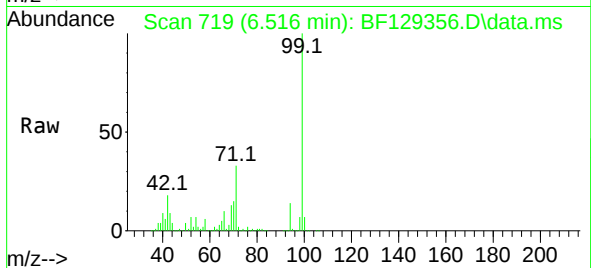
Tgt Ion: 93 Resp: 648108
Ion Ratio Lower Upper
93 100
66 39.8 32.5 48.7
65 19.7 16.4 24.6





#7
Phenol-d6
Concen: 103.221 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

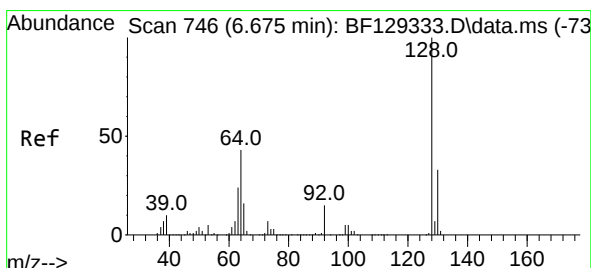
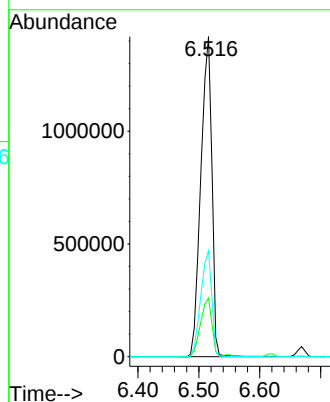
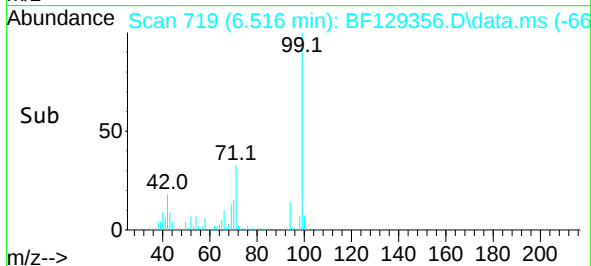
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Tgt Ion: 99 Resp: 1782135
Ion Ratio Lower Upper
99 100
42 18.4 17.3 25.9
71 33.1 28.9 43.3

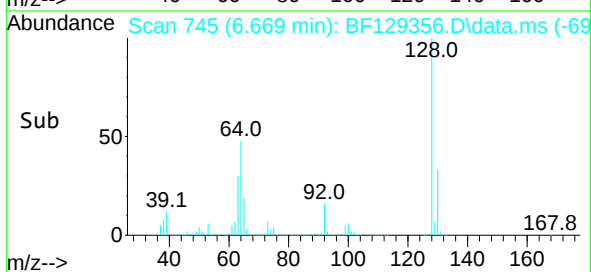
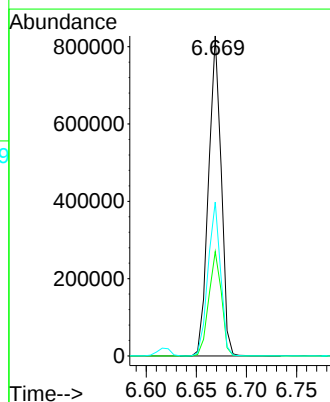
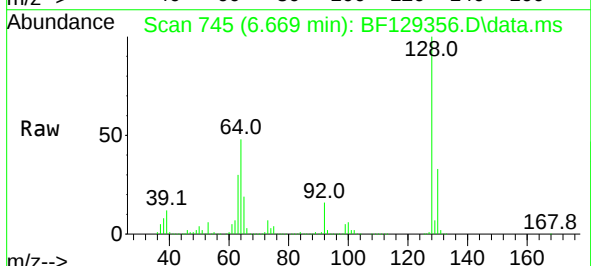
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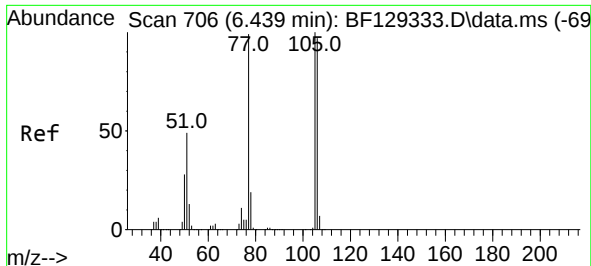
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#8
2-Chlorophenol
Concen: 48.674 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

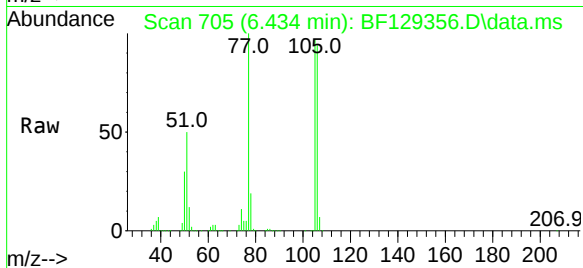
Tgt Ion:128 Resp: 730442
Ion Ratio Lower Upper
128 100
130 32.6 13.1 53.1
64 48.1 30.9 70.9





#9
Benzaldehyde
Concen: 31.667 ng
RT: 6.434 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

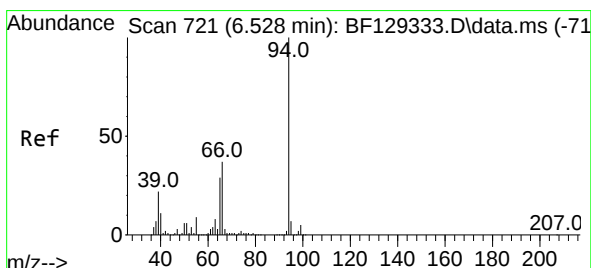
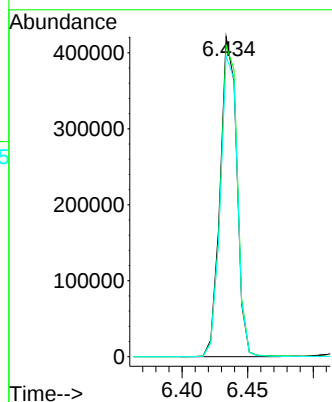
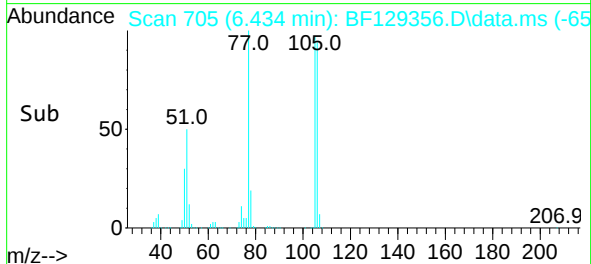
Instrument :
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ENV-DE-1-(10-15)MS



Tgt Ion: 77 Resp: 371280
Ion Ratio Lower Upper
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105 97.2 81.6 121.6
106 93.9 76.1 116.1

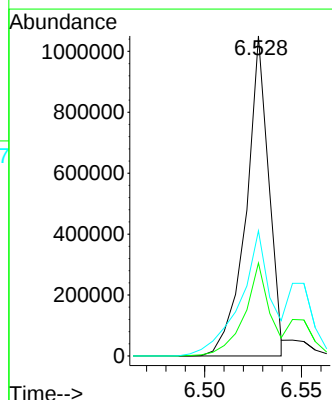
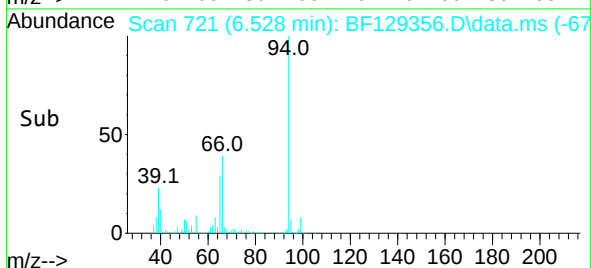
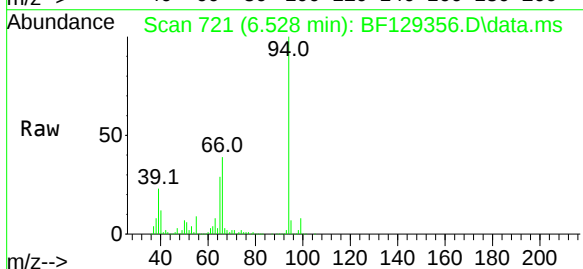
Manual Integrations
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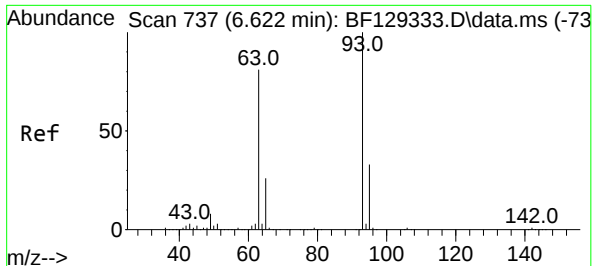
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#10
Phenol
Concen: 46.413 ng m
RT: 6.528 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

Tgt Ion: 94 Resp: 853349
Ion Ratio Lower Upper
94 100
65 29.0 11.4 51.4
66 39.1 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 48.220 ng

RT: 6.622 min Scan# 711

Delta R.T. 0.000 min

Lab File: BF129356.D

Acq: 26 Jul 2022 15:32

Instrument :

BNA_F

ClientSampleId :

ENV-DE-1-(10-15)MS

Tgt Ion: 93 Resp: 703094

Ion Ratio Lower Upper

93 100

63 75.8 67.4 107.4

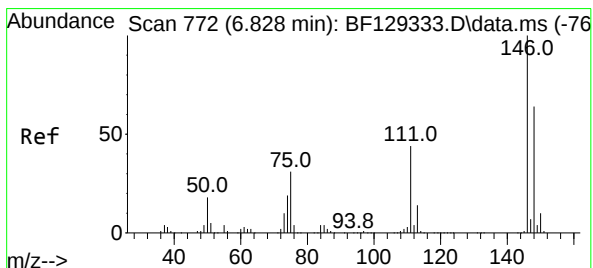
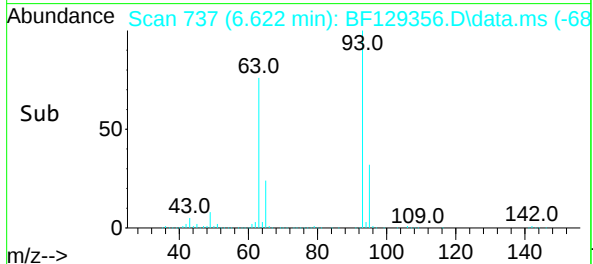
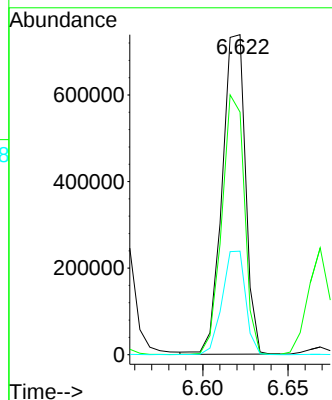
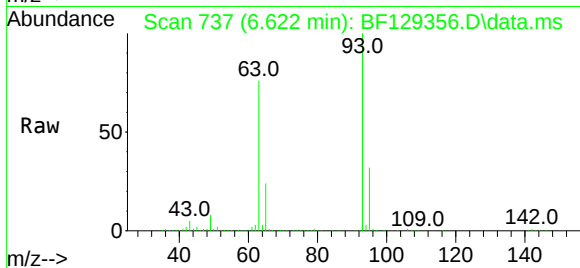
95 32.4 12.7 52.7

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#12

1,3-Dichlorobenzene

Concen: 46.446 ng

RT: 6.822 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF129356.D

Acq: 26 Jul 2022 15:32

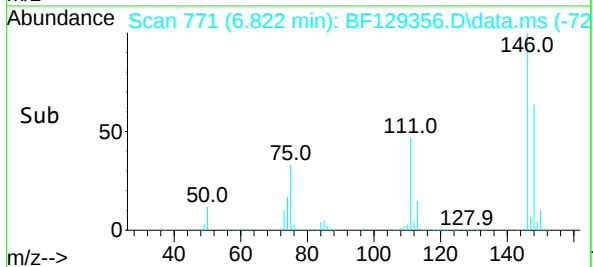
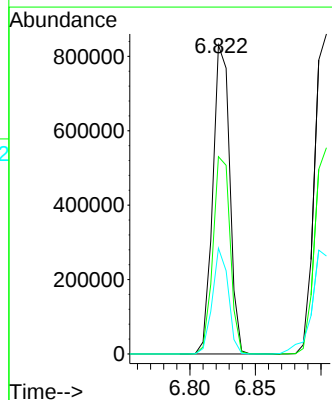
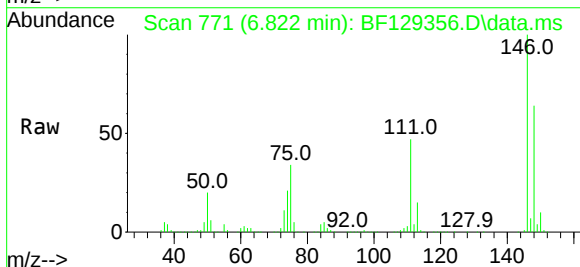
Tgt Ion:146 Resp: 747528

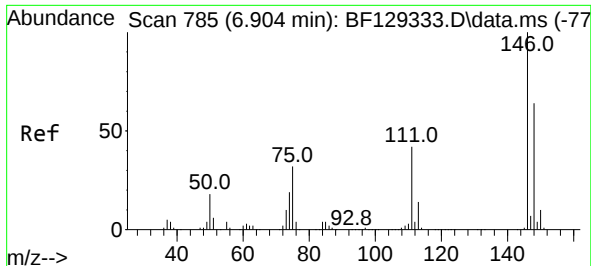
Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

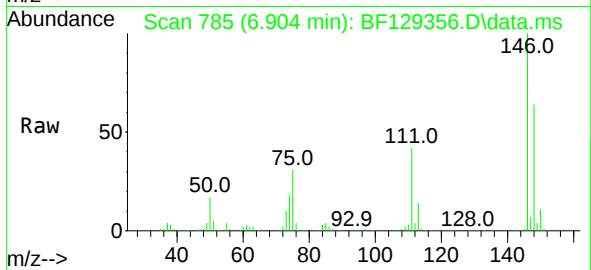
75 34.2 26.3 39.5





#13
1,4-Dichlorobenzene
Concen: 46.680 ng
RT: 6.904 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

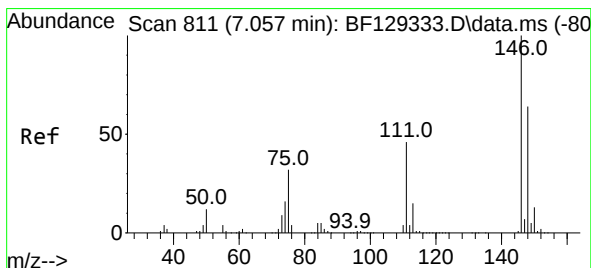
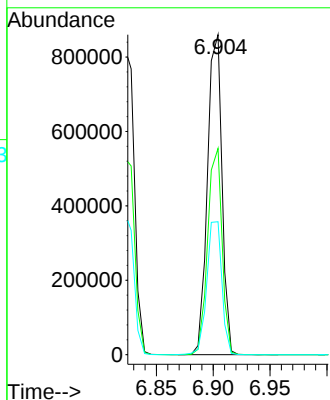
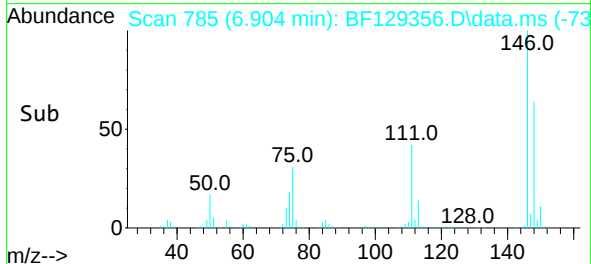
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



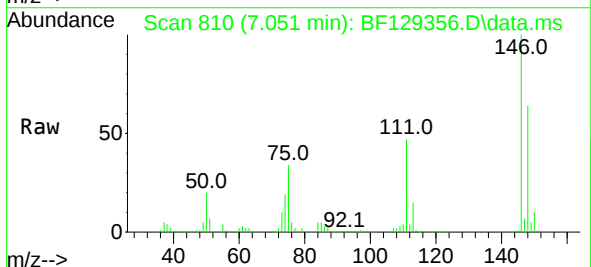
Tgt Ion:146 Resp: 764070
Ion Ratio Lower Upper
146 100
148 64.5 51.1 76.7
111 41.6 34.2 51.4

Manual Integrations
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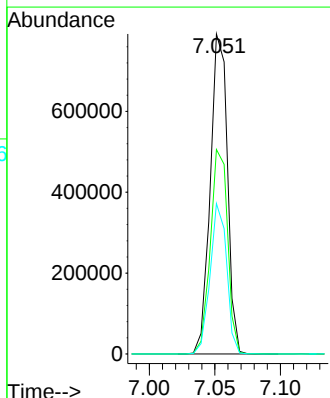
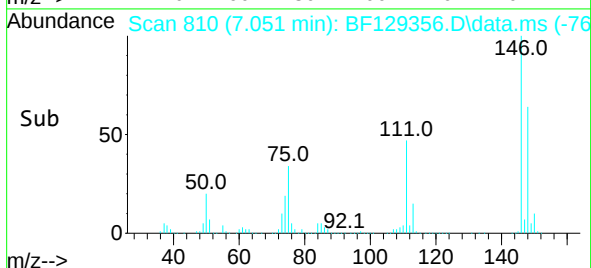
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

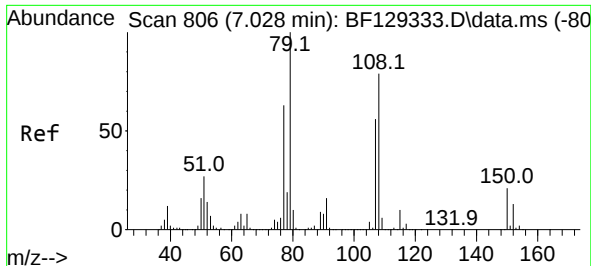


#14
1,2-Dichlorobenzene
Concen: 47.846 ng
RT: 7.051 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



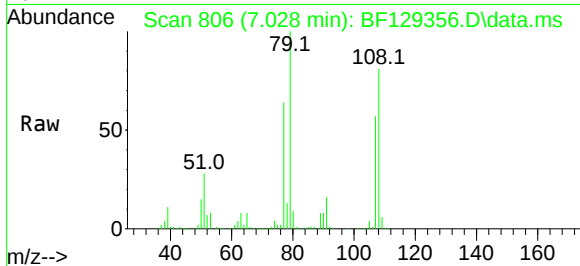
Tgt Ion:146 Resp: 719866
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.8
111 47.0 35.1 52.7





#15
Benzyl Alcohol
Concen: 47.792 ng
RT: 7.028 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

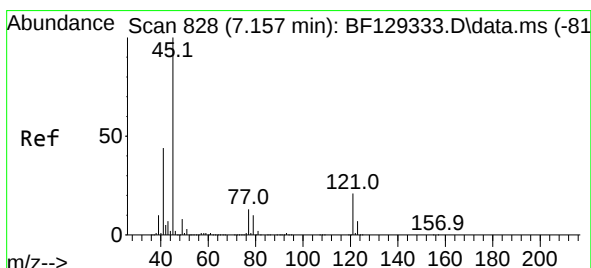
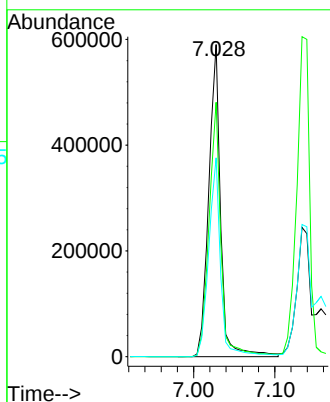
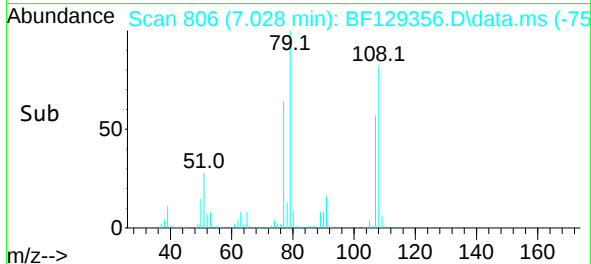
Instrument :
BNA_F
Client SampleId :
ENV-DE-1-(10-15)MS



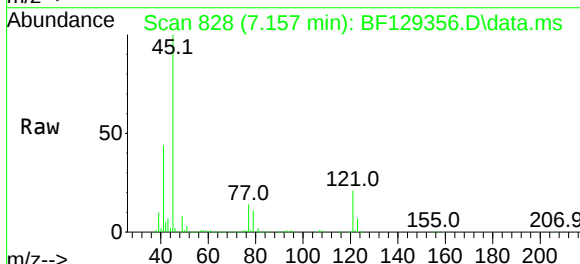
Tgt Ion: 79 Resp: 598430
Ion Ratio Lower Upper
79 100
108 81.5 61.8 92.6
77 63.7 50.2 75.4

Manual Integrations
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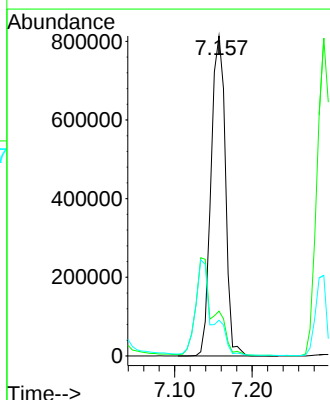
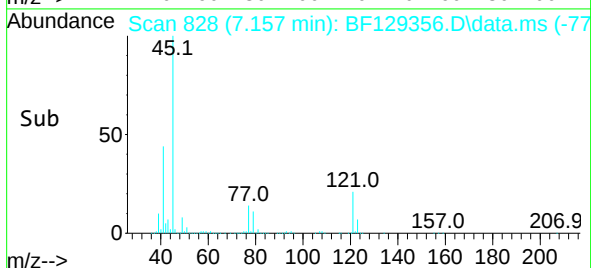
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

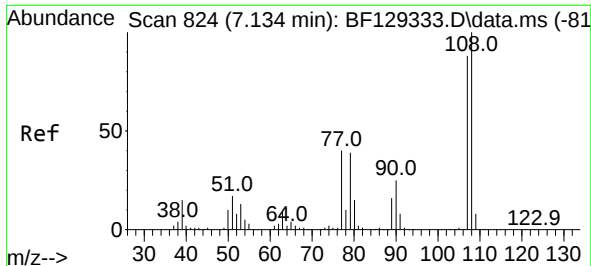


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.625 ng
RT: 7.157 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



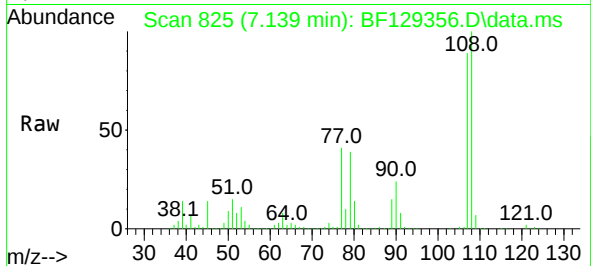
Tgt Ion: 45 Resp: 1043841
Ion Ratio Lower Upper
45 100
77 14.0 0.0 31.3
79 11.1 0.0 28.3





#17
2-Methylphenol
Concen: 46.185 ng
RT: 7.139 min Scan# 811
Delta R.T. 0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

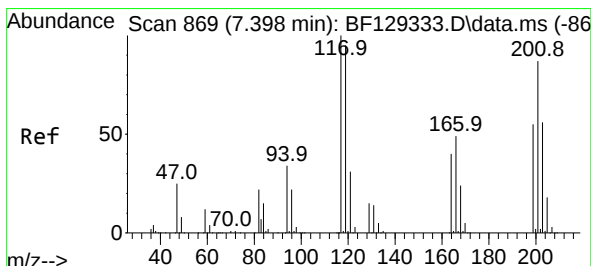
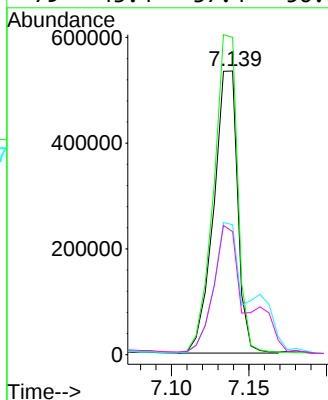
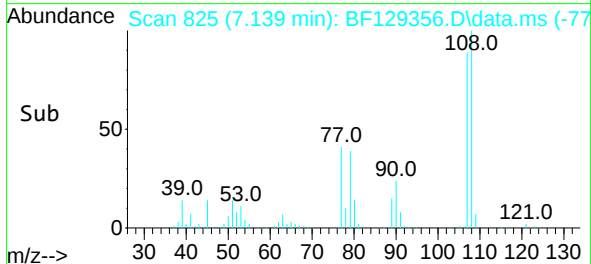
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



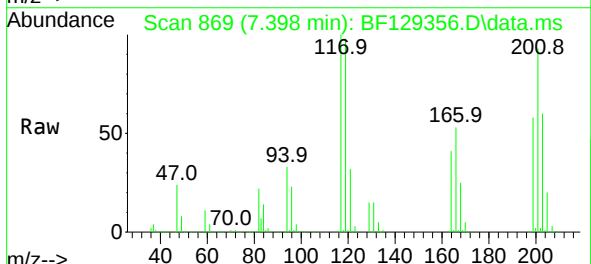
Tgt Ion:107 Resp: 57497
Ion Ratio Lower Upper
107 100
108 111.9 91.9 137.9
77 45.8 37.8 56.8
79 43.4 37.4 56.0

Manual Integrations
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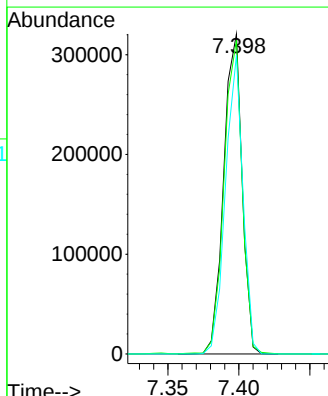
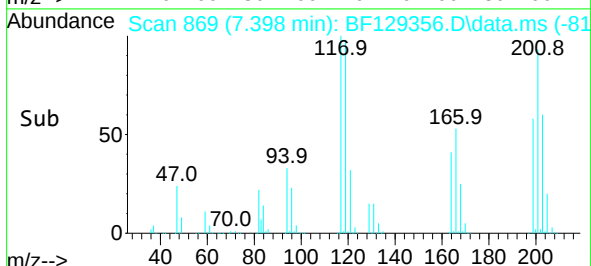
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

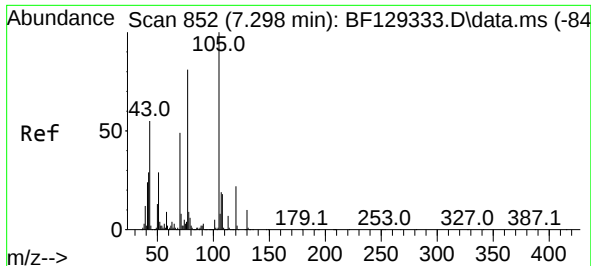


#18
Hexachloroethane
Concen: 46.825 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



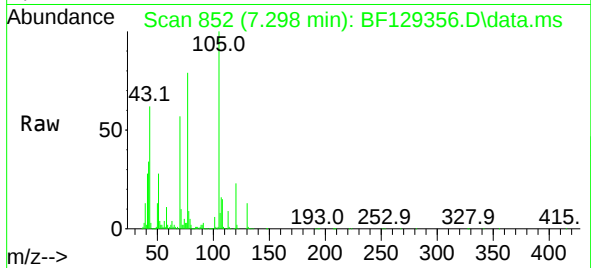
Tgt Ion:117 Resp: 288600
Ion Ratio Lower Upper
117 100
119 98.1 77.4 116.2
201 93.4 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 45.780 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

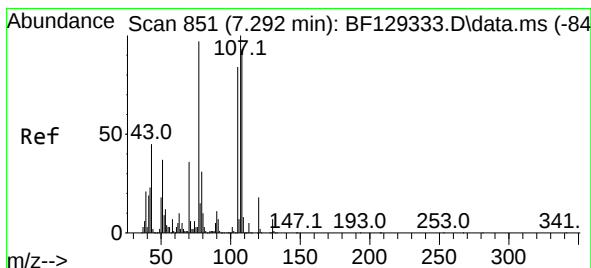
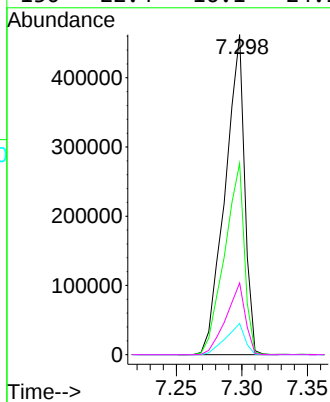
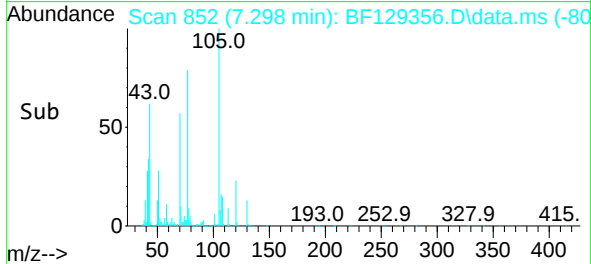
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



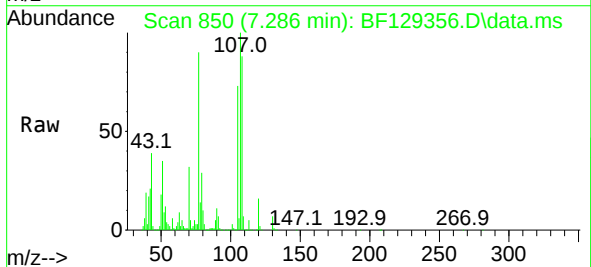
Tgt Ion: 70 Resp: 47850
Ion Ratio Lower Upper
70 100
42 59.8 52.3 78.5
101 9.8 7.5 11.3
130 22.4 16.1 24.1

Manual Integrations
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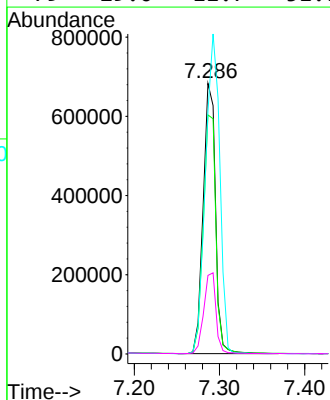
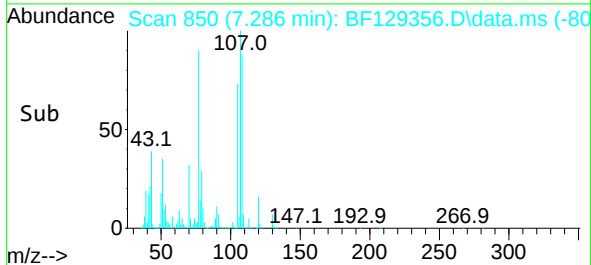
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

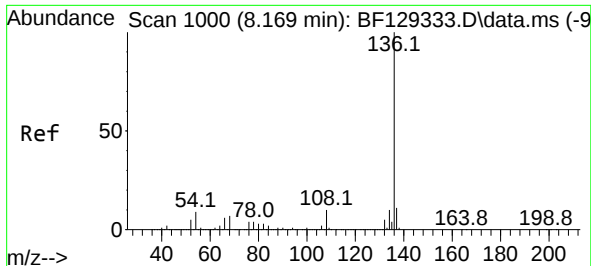


#20
3+4-Methylphenols
Concen: 43.297 ng
RT: 7.286 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



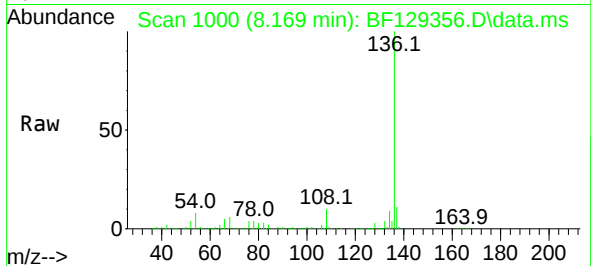
Tgt Ion:107 Resp: 685345
Ion Ratio Lower Upper
107 100
108 88.3 71.8 111.8
77 89.7 59.3 99.3
79 29.0 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

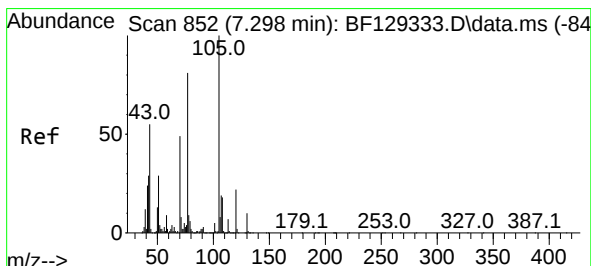
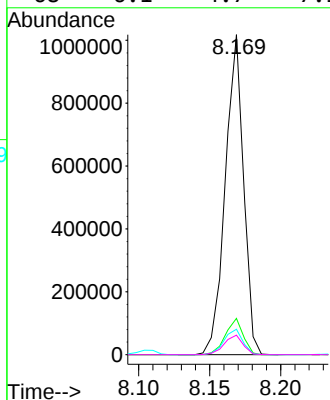
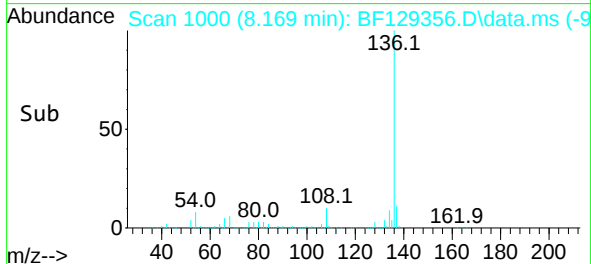
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



Tgt Ion:136 Resp: 908359
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.0 7.5 11.3
68 6.1 4.7 7.1

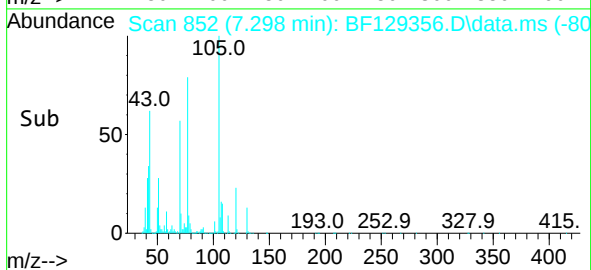
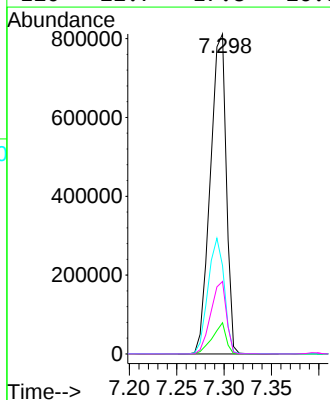
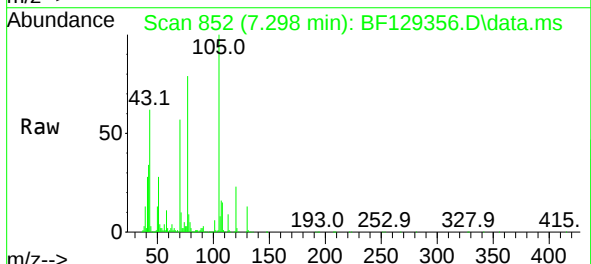
Manual Integrations
APPROVED

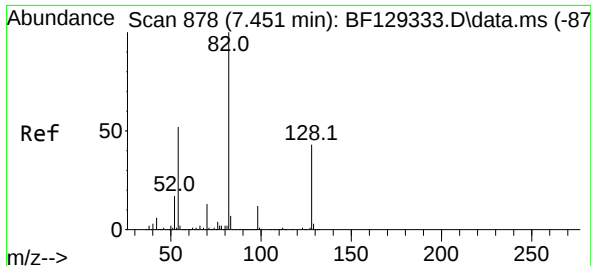
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#22
Acetophenone
Concen: 44.846 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

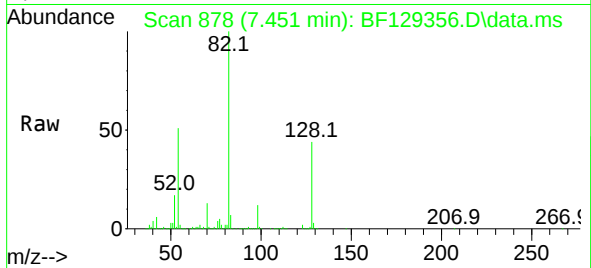
Tgt Ion:105 Resp: 948428
Ion Ratio Lower Upper
105 100
71 9.7 5.0 7.4#
51 27.6 25.0 37.4
120 22.7 17.8 26.8





#23
Nitrobenzene-d5
Concen: 63.613 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

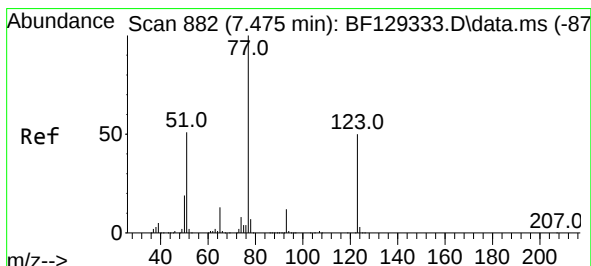
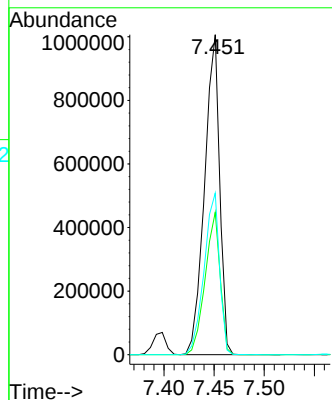
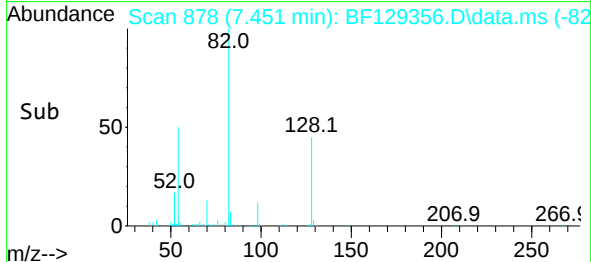
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



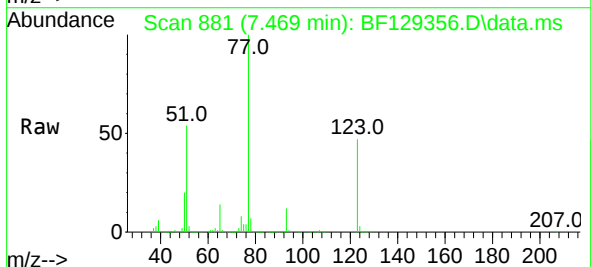
Tgt Ion: 82 Resp: 105853
Ion Ratio Lower Upper
82 100
128 44.5 34.0 51.0
54 50.5 46.9 70.3

Manual Integrations
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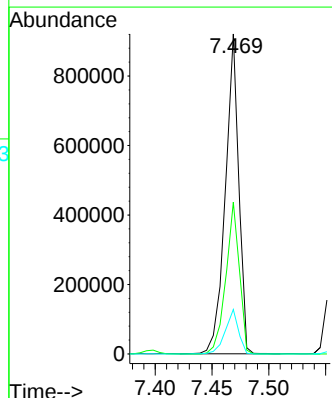
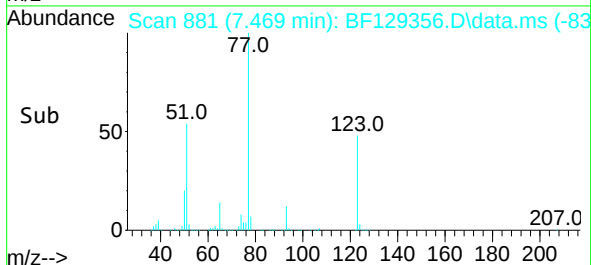
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

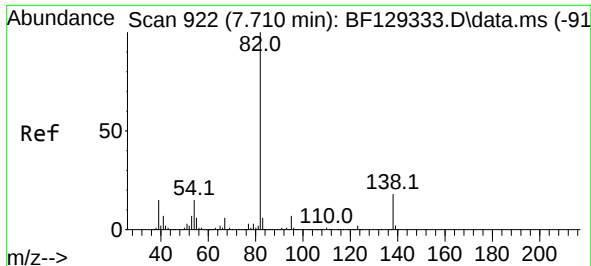


#24
Nitrobenzene
Concen: 44.255 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



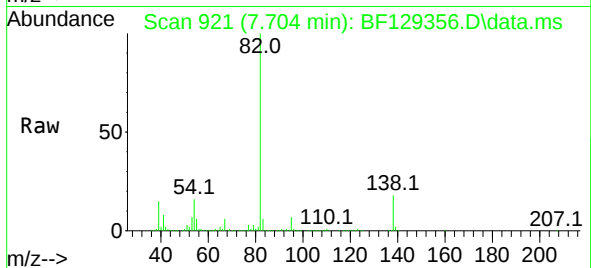
Tgt Ion: 77 Resp: 758317
Ion Ratio Lower Upper
77 100
123 47.4 35.4 53.2
65 13.9 11.8 17.8





#25
Isophorone
Concen: 46.675 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

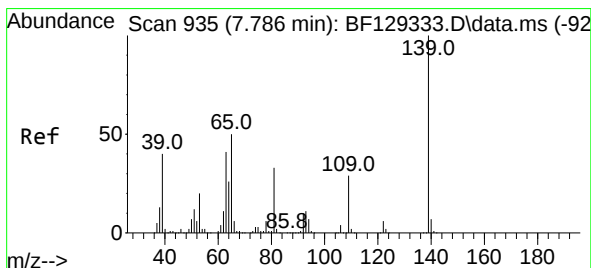
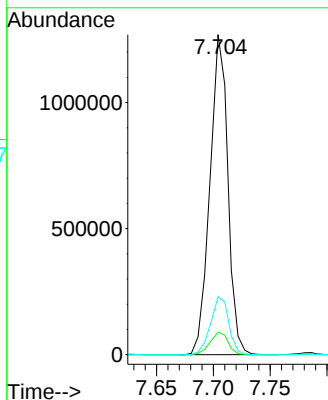
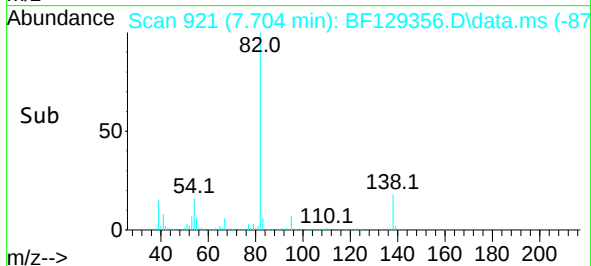
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



Tgt Ion: 82 Resp: 1392198
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 18.1 14.2 21.2

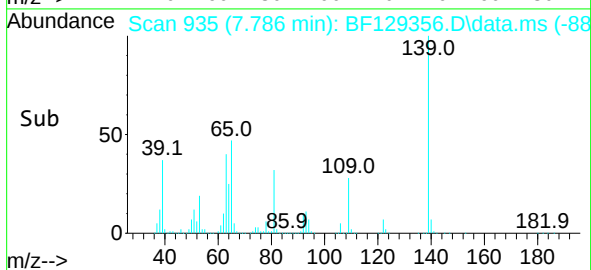
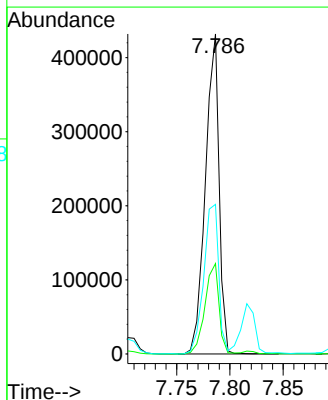
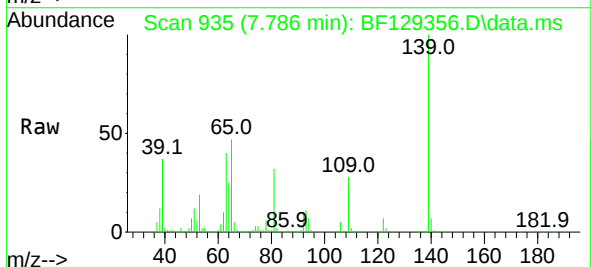
Manual Integrations
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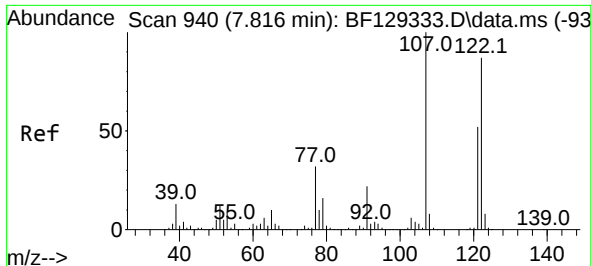
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#26
2-Nitrophenol
Concen: 45.820 ng
RT: 7.786 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

Tgt Ion:139 Resp: 387332
Ion Ratio Lower Upper
139 100
109 28.3 25.0 37.4
65 46.7 45.1 67.7





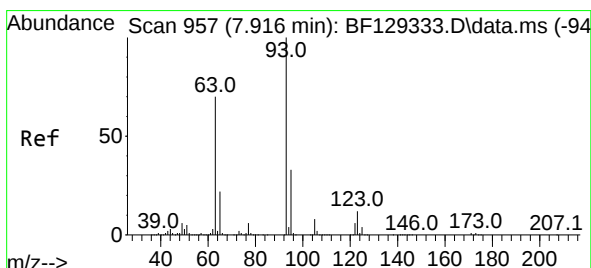
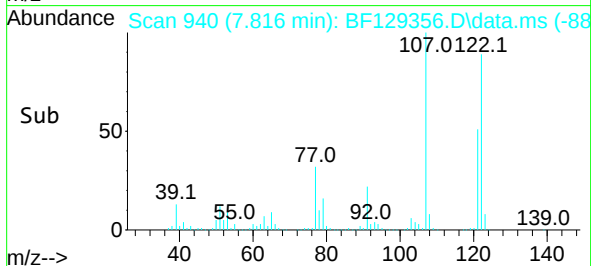
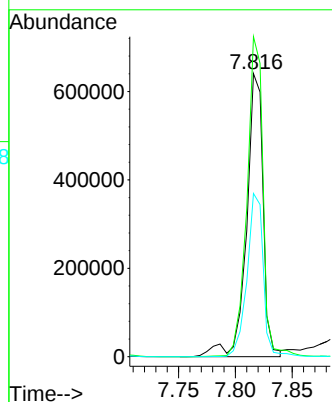
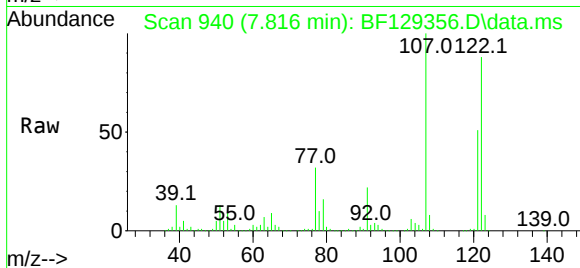
#27
2,4-Dimethylphenol
Concen: 51.270 ng
RT: 7.816 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS

Tgt Ion:122 Resp: 65011
Ion Ratio Lower Upper
122 100
107 113.0 93.0 139.6
121 57.7 46.6 70.0

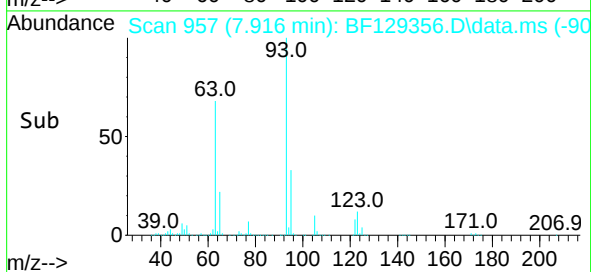
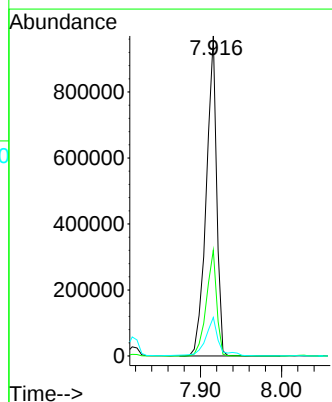
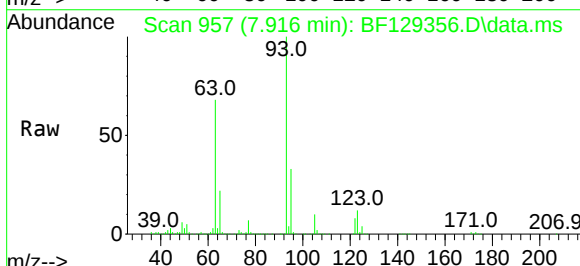
Manual Integrations
APPROVED

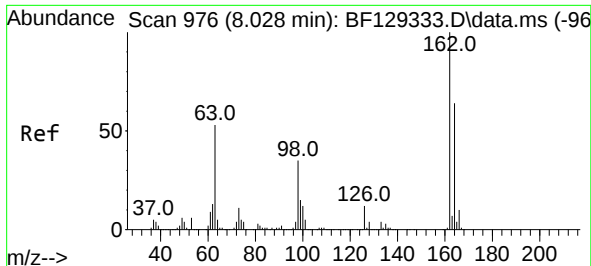
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#28
bis(2-Chloroethoxy)methane
Concen: 49.607 ng
RT: 7.916 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

Tgt Ion: 93 Resp: 858343
Ion Ratio Lower Upper
93 100
95 33.1 26.8 40.2
123 12.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 44.859 ng

RT: 8.028 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF129356.D

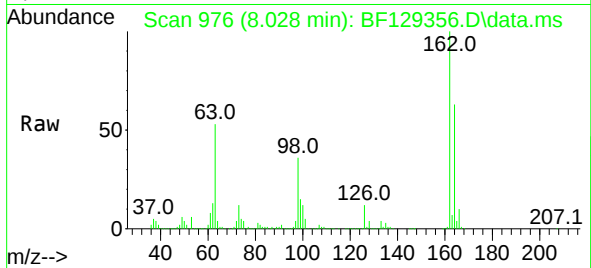
Acq: 26 Jul 2022 15:32

Instrument :

BNA_F

ClientSampleId :

ENV-DE-1-(10-15)MS



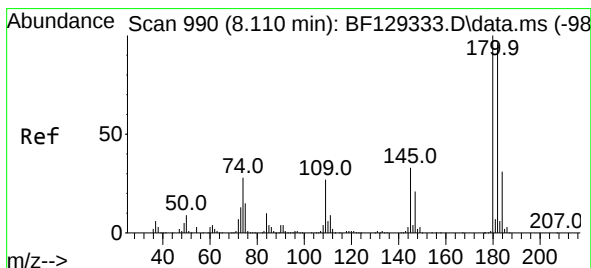
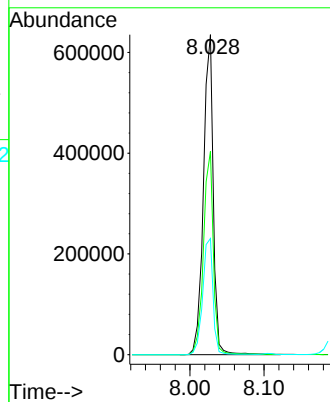
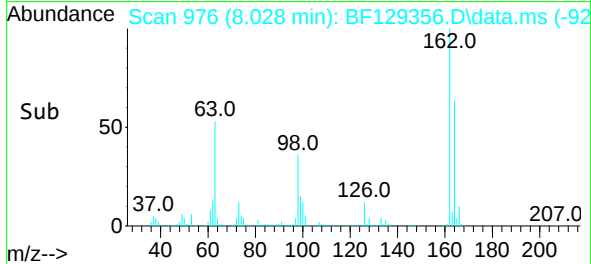
Tgt Ion:	162	Resp:	587090
Ion Ratio	Lower	Upper	
162	100		
164	63.5	44.2	84.2
98	36.3	19.6	59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 43.947 ng

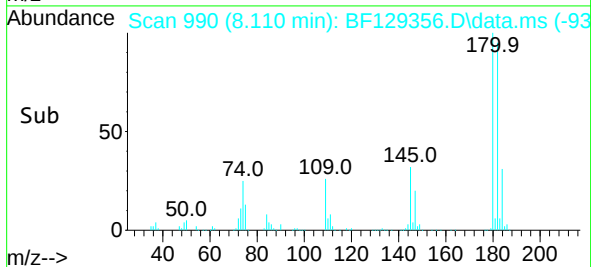
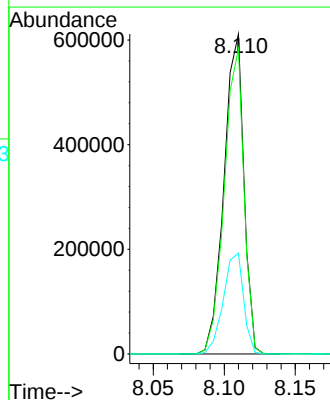
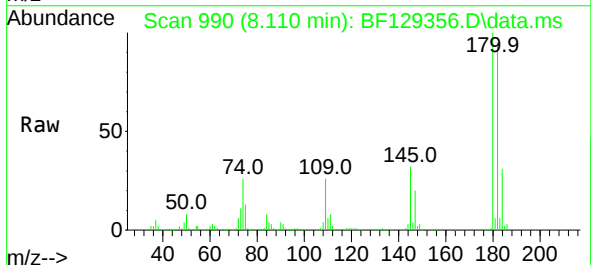
RT: 8.110 min Scan# 990

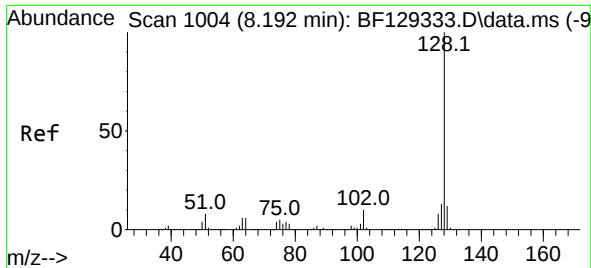
Delta R.T. 0.000 min

Lab File: BF129356.D

Acq: 26 Jul 2022 15:32

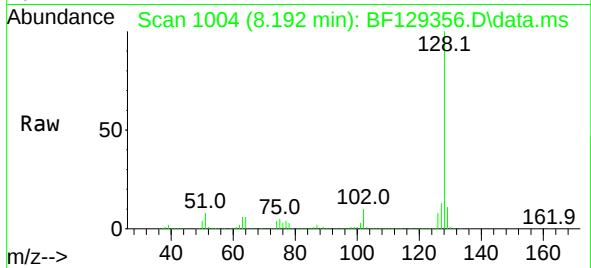
Tgt Ion:	180	Resp:	595333
Ion Ratio	Lower	Upper	
180	100		
182	95.5	79.2	118.8
145	31.5	26.2	39.2





#31
Naphthalene
Concen: 43.519 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

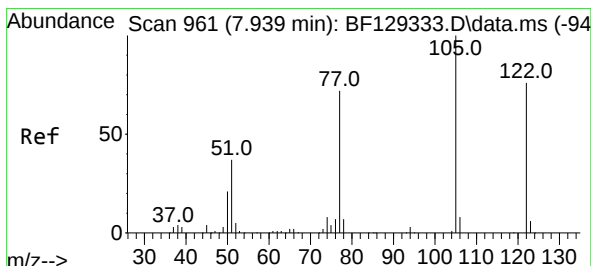
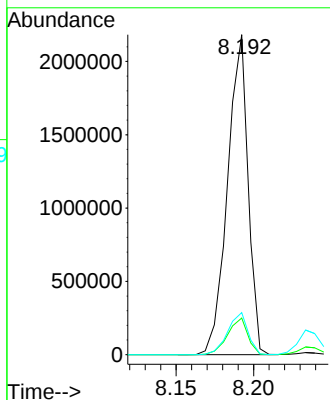
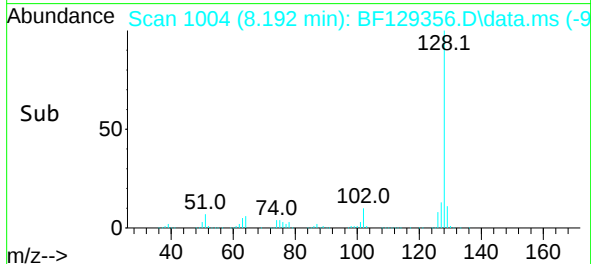
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



Tgt Ion:128 Resp: 200838
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.1 10.5 15.7

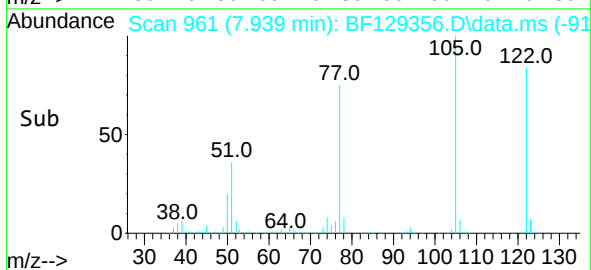
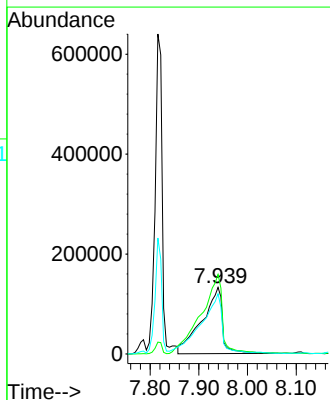
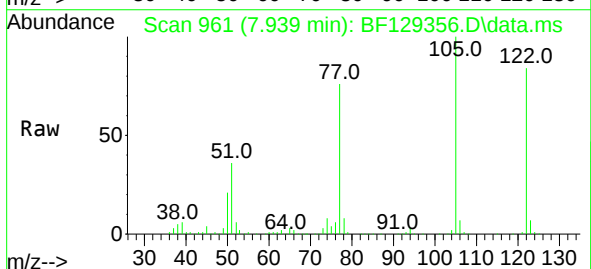
Manual Integrations
APPROVED

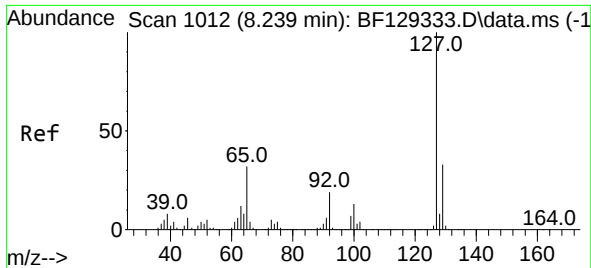
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#32
Benzoic acid
Concen: 42.640 ng
RT: 7.939 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

Tgt Ion:122 Resp: 390878
Ion Ratio Lower Upper
122 100
105 119.5 107.1 147.1
77 90.5 74.2 114.2





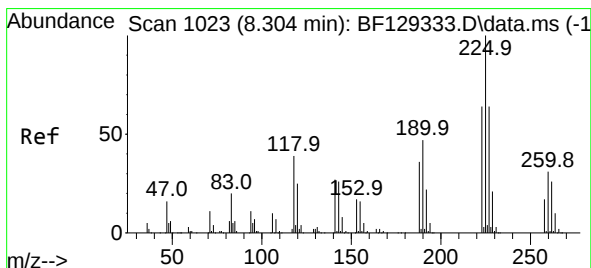
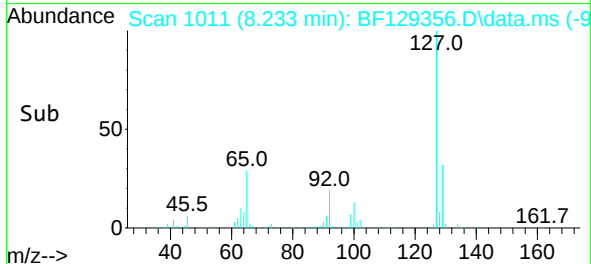
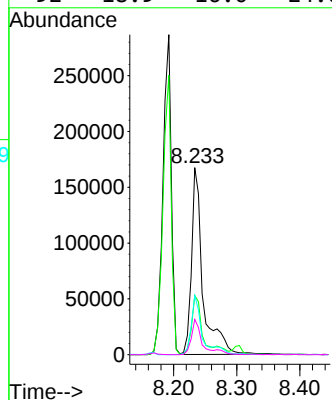
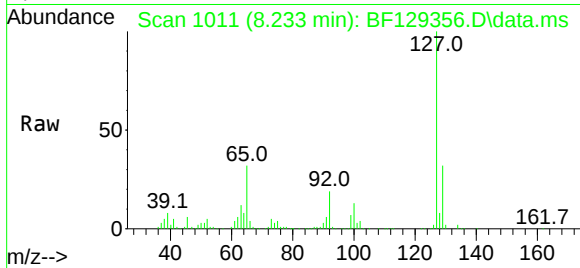
#33
4-Chloroaniline
Concen: 11.207 ng
RT: 8.233 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS

Tgt Ion:	127	Resp:	21234
Ion Ratio	Lower	Upper	
127	100		
129	31.6	26.4	39.6
65	31.6	26.4	39.6
92	18.9	16.0	24.0

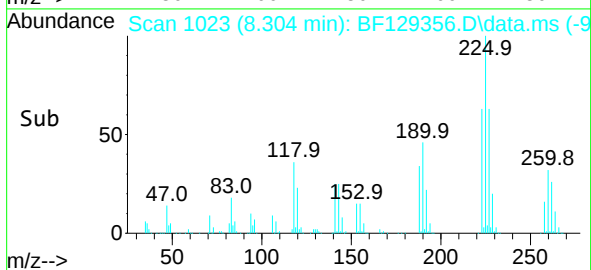
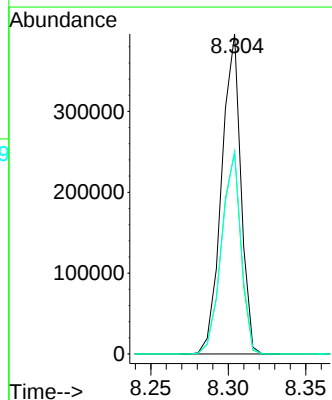
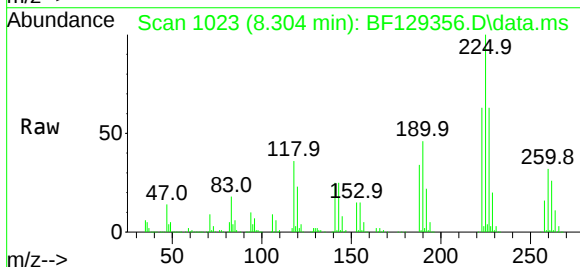
Manual Integrations
APPROVED

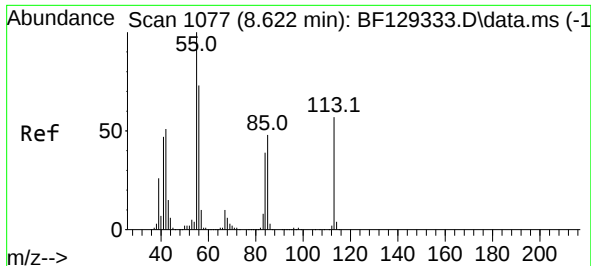
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#34
Hexachlorobutadiene
Concen: 44.348 ng
RT: 8.304 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

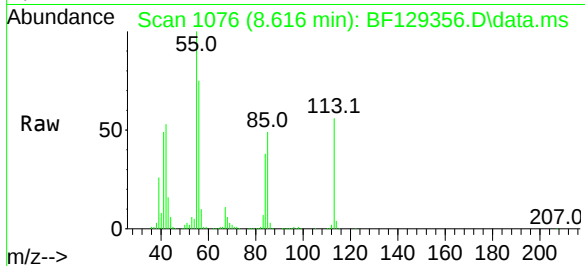
Tgt Ion:	225	Resp:	341495
Ion Ratio	Lower	Upper	
225	100		
223	63.0	51.0	76.6
227	63.3	51.1	76.7





#35
Caprolactam
Concen: 44.365 ng m
RT: 8.616 min Scan# 1076
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

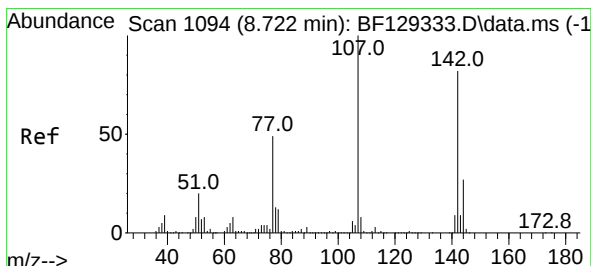
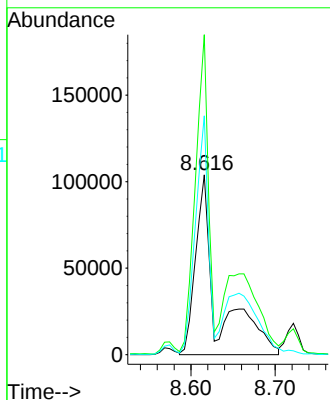
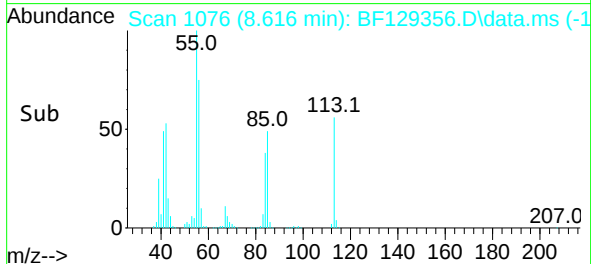
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



Tgt Ion:113 Resp: 188773
Ion Ratio Lower Upper
113 100
55 177.9 188.5 228.5
56 132.9 130.6 170.6

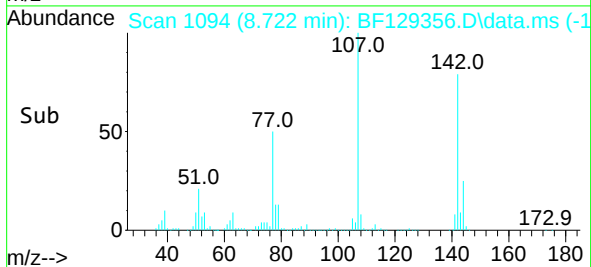
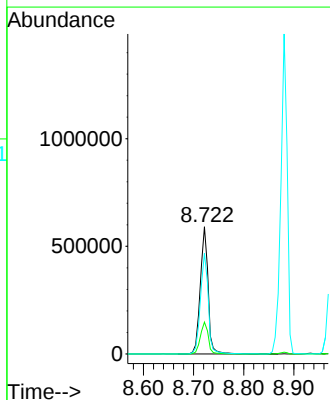
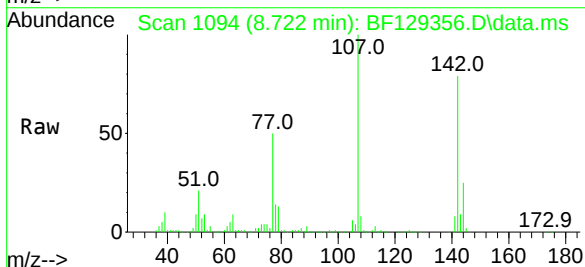
Manual Integrations
APPROVED

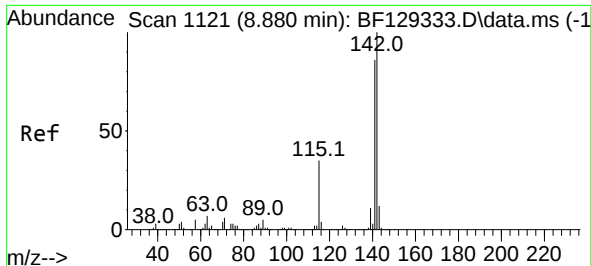
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#36
4-Chloro-3-methylphenol
Concen: 46.015 ng
RT: 8.722 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

Tgt Ion:107 Resp: 638734
Ion Ratio Lower Upper
107 100
144 25.0 19.5 29.3
142 79.1 58.2 87.4





#37

2-Methylnaphthalene

Concen: 43.821 ng

RT: 8.880 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129356.D

Acq: 26 Jul 2022 15:32

Instrument :

BNA_F

ClientSampleId :

ENV-DE-1-(10-15)MS

Tgt Ion:142 Resp: 131422

Ion Ratio Lower Upper

142 100

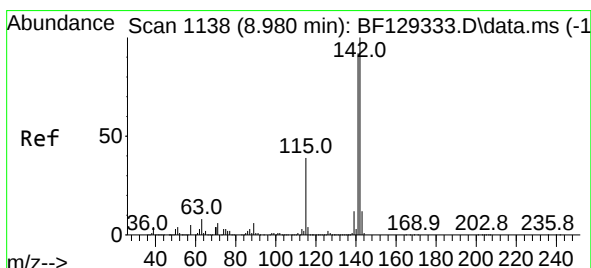
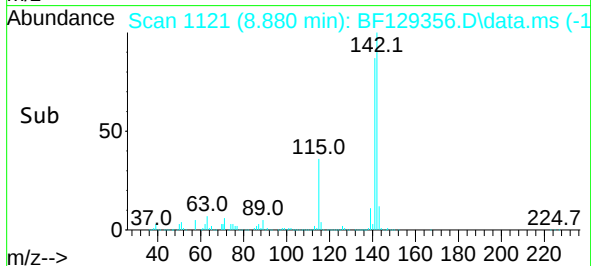
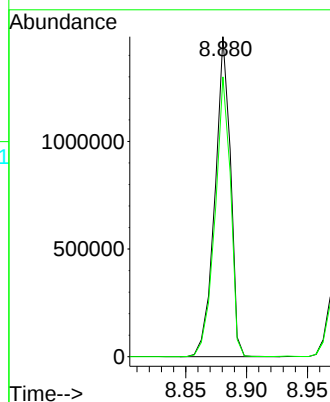
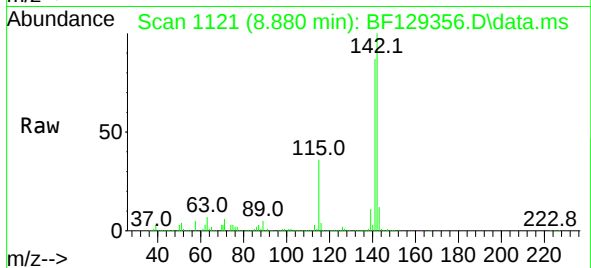
141 87.4 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#38

1-Methylnaphthalene

Concen: 43.487 ng

RT: 8.980 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF129356.D

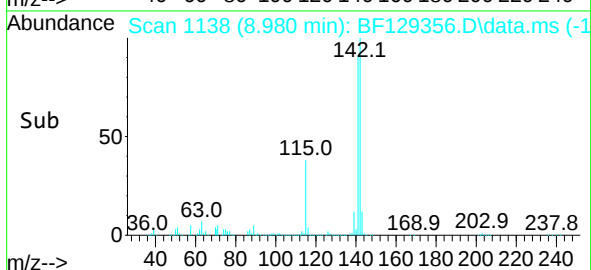
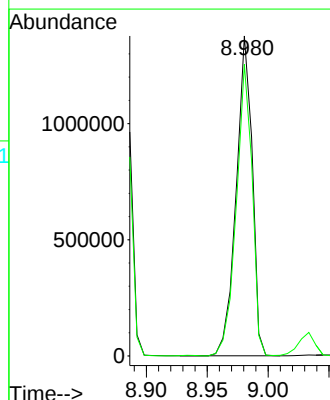
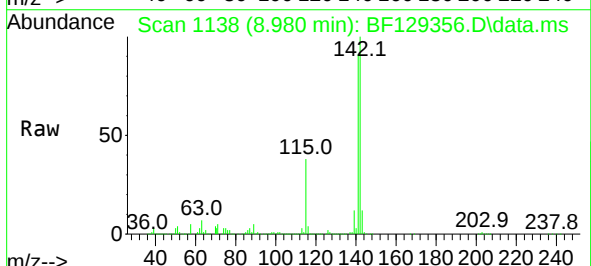
Acq: 26 Jul 2022 15:32

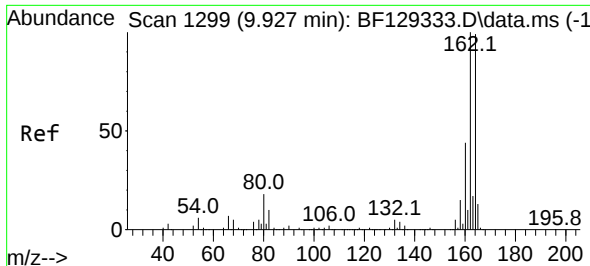
Tgt Ion:142 Resp: 1259017

Ion Ratio Lower Upper

142 100

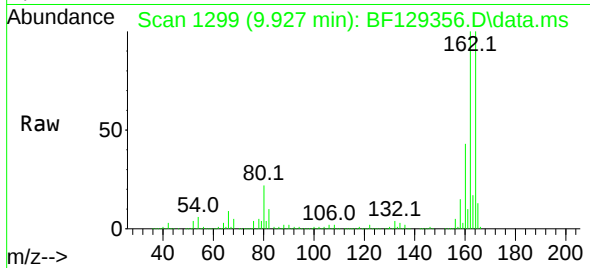
141 91.2 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

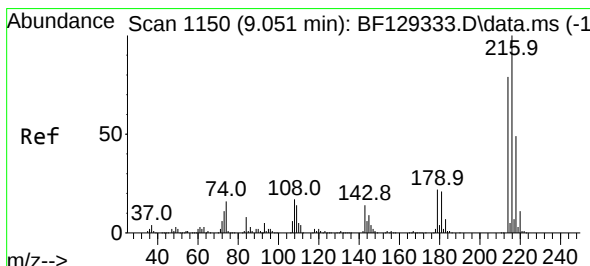
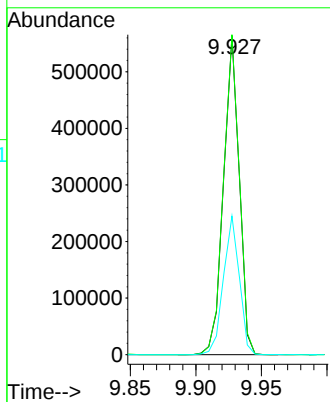
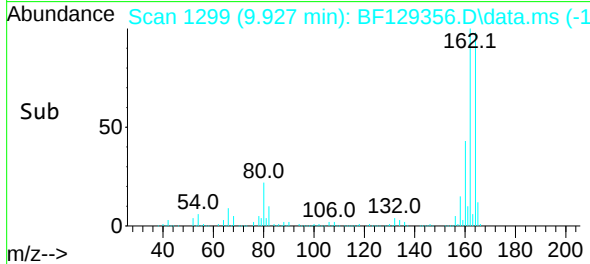
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



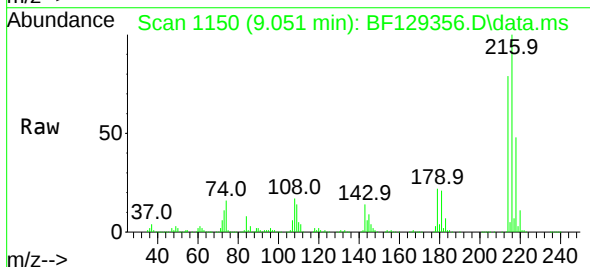
Tgt Ion:164 Resp: 468610
Ion Ratio Lower Upper
164 100
162 100.4 79.5 119.3
160 43.5 34.2 51.4

Manual Integrations
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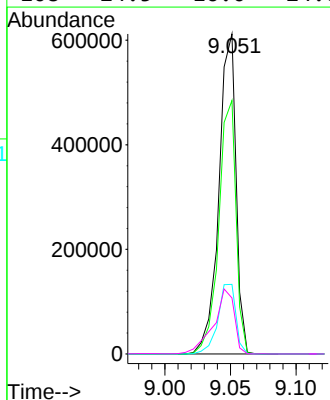
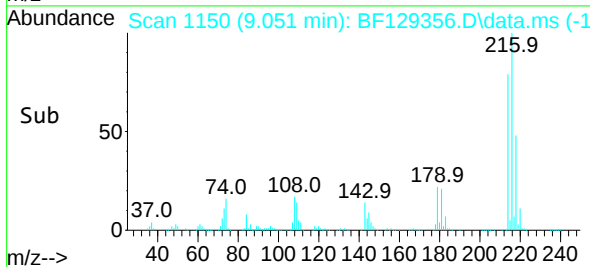
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

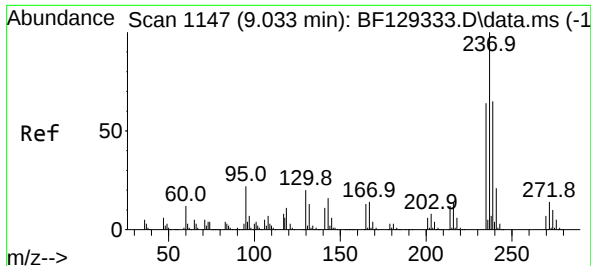


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.100 ng
RT: 9.051 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



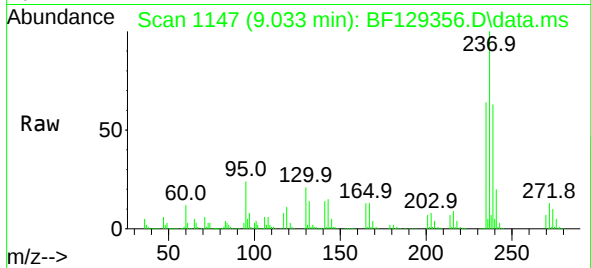
Tgt Ion:216 Resp: 554948
Ion Ratio Lower Upper
216 100
214 79.6 63.6 95.4
179 22.9 17.0 25.6
108 24.5 16.0 24.0#





#41
Hexachlorocyclopentadiene
Concen: 119.651 ng
RT: 9.033 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

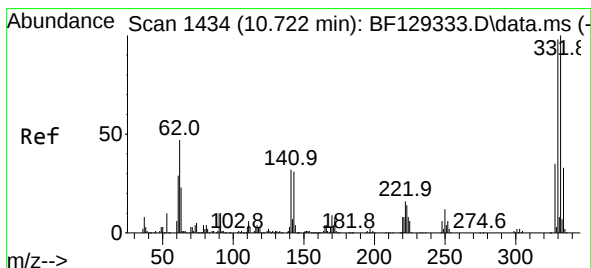
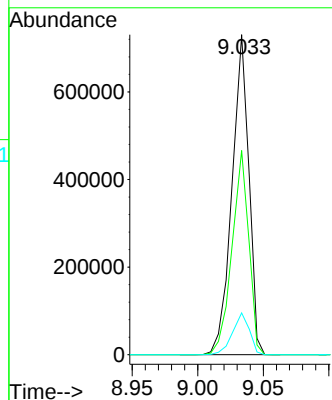
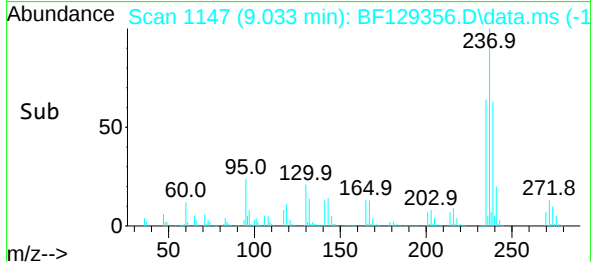
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



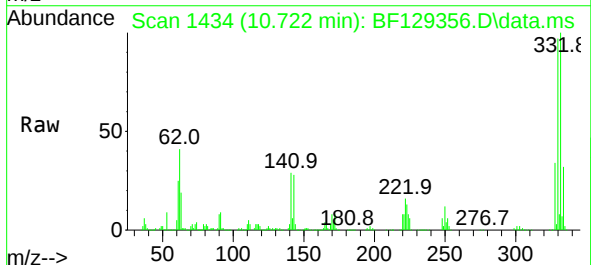
Tgt Ion:237 Resp: 65559
Ion Ratio Lower Upper
237 100
235 63.8 43.2 83.2
272 13.1 0.0 31.9

Manual Integrations
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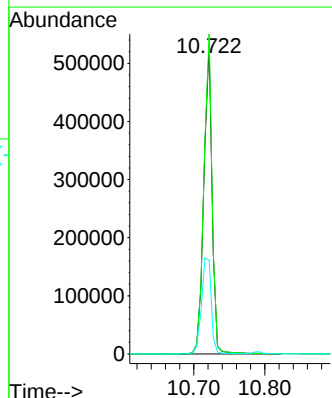
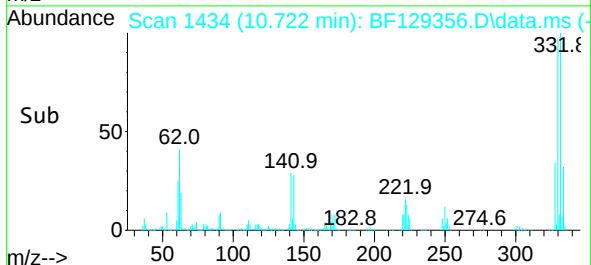
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

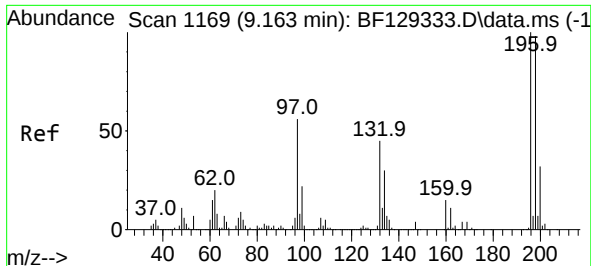


#42
2,4,6-Tribromophenol
Concen: 96.854 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



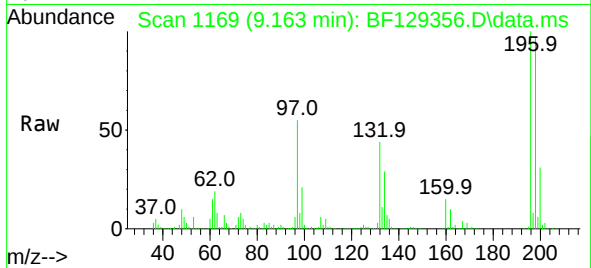
Tgt Ion:330 Resp: 436367
Ion Ratio Lower Upper
330 100
332 102.6 76.8 115.2
141 36.5 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 45.070 ng
RT: 9.163 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

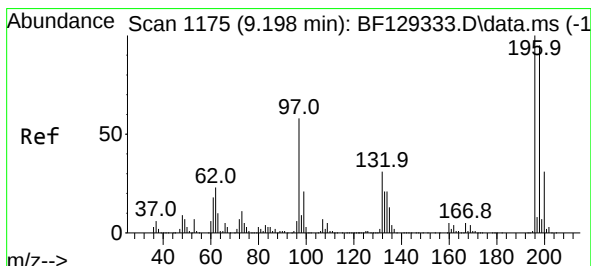
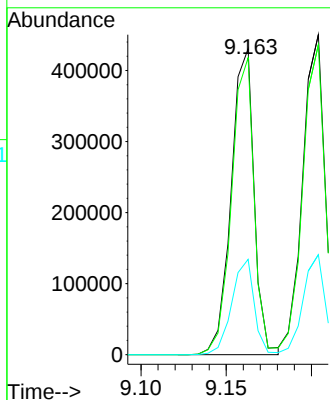
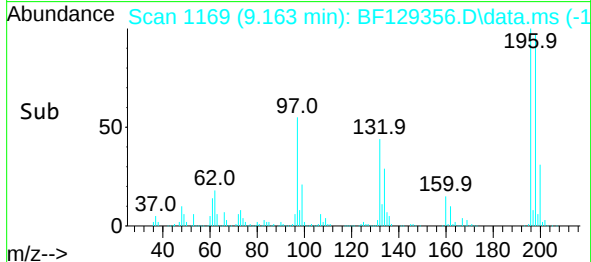
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



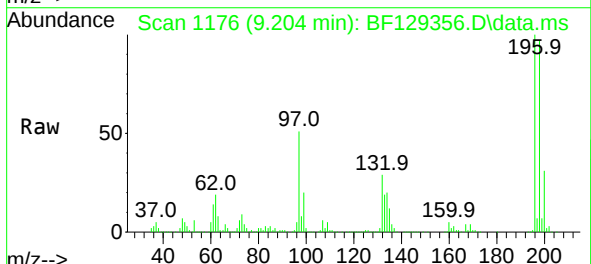
Tgt Ion:196 Resp: 40280
Ion Ratio Lower Upper
196 100
198 97.1 74.0 111.0
200 31.2 24.1 36.1

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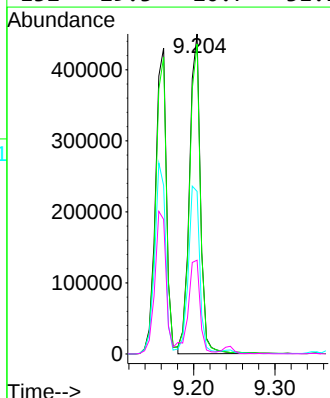
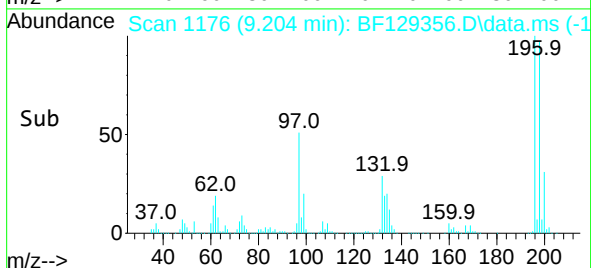
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

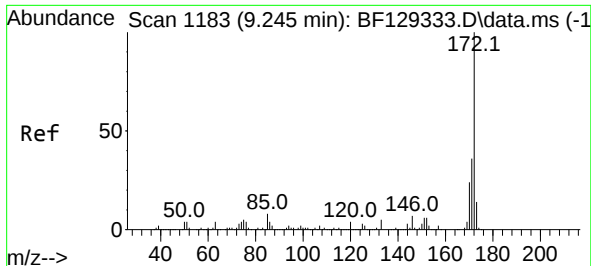


#44
2,4,5-Trichlorophenol
Concen: 43.664 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



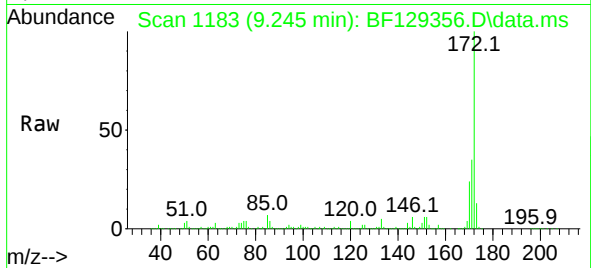
Tgt Ion:196 Resp: 424370
Ion Ratio Lower Upper
196 100
198 96.9 75.7 113.5
97 50.8 36.4 54.6
132 29.3 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 59.130 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

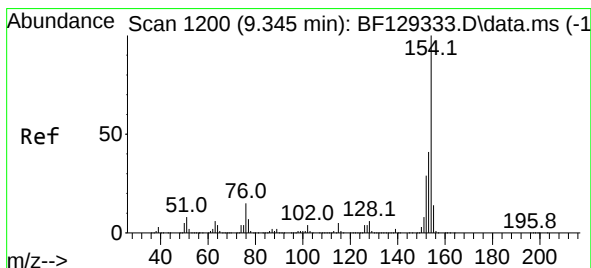
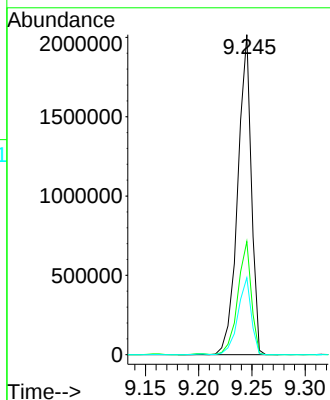
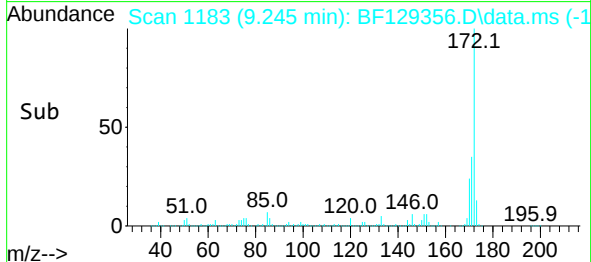
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



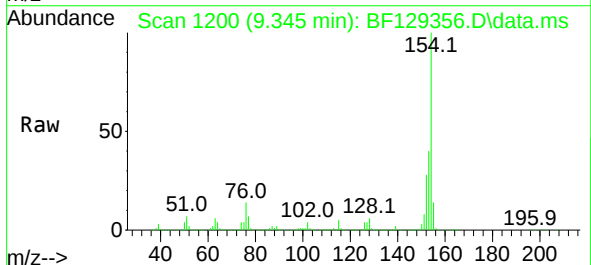
Tgt Ion:172 Resp: 1791200
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.1 19.8 29.8

Manual Integrations
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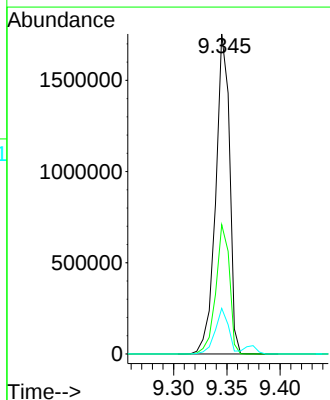
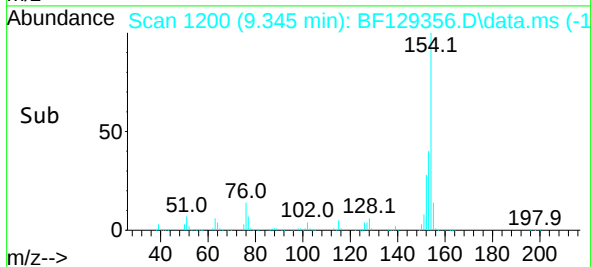
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

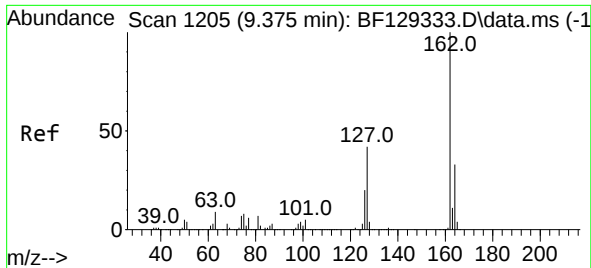


#46
1,1'-Biphenyl
Concen: 46.235 ng
RT: 9.345 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



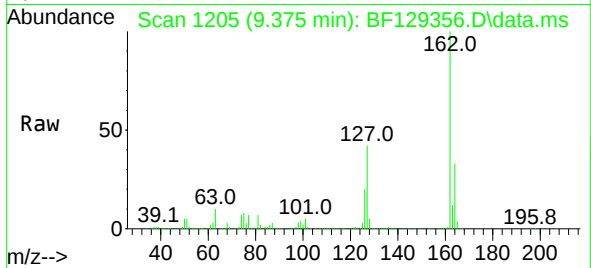
Tgt Ion:154 Resp: 1581229
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 14.3 0.0 33.3





#47
2-Chloronaphthalene
Concen: 44.301 ng
RT: 9.375 min Scan# 1205
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

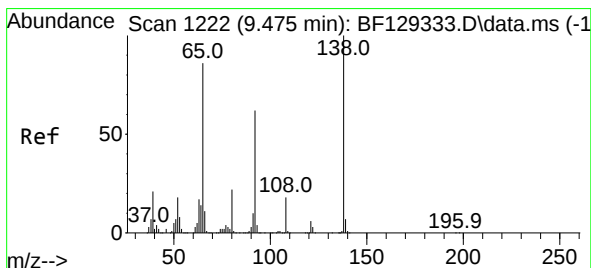
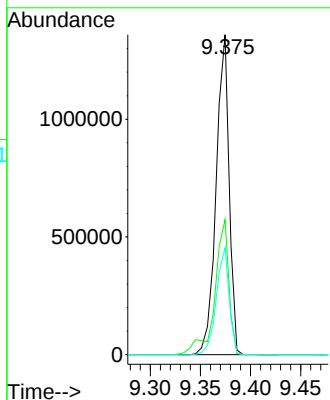
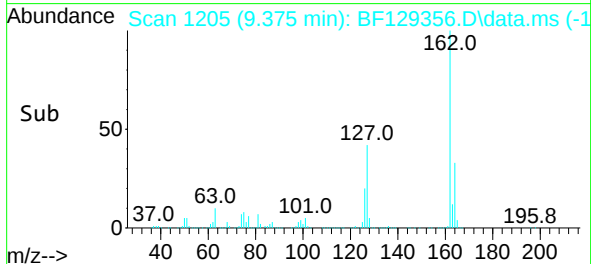
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



Tgt Ion:162 Resp: 122479
Ion Ratio Lower Upper
162 100
127 42.2 34.5 51.7
164 33.4 26.5 39.7

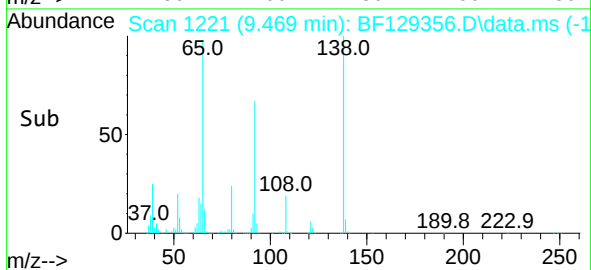
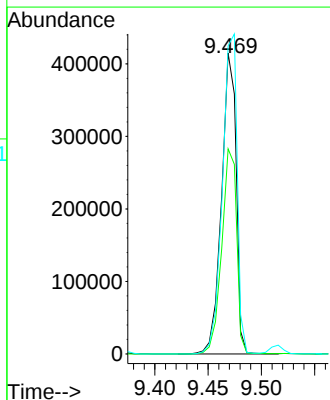
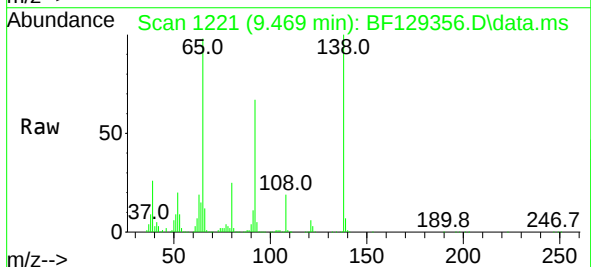
Manual Integrations
APPROVED

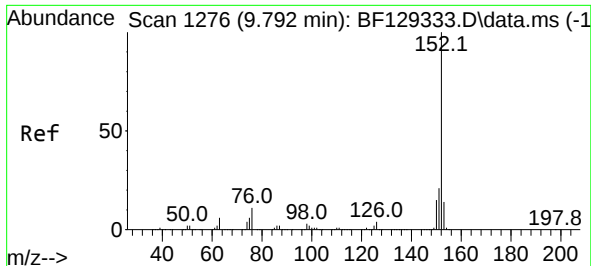
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#48
2-Nitroaniline
Concen: 42.970 ng
RT: 9.469 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

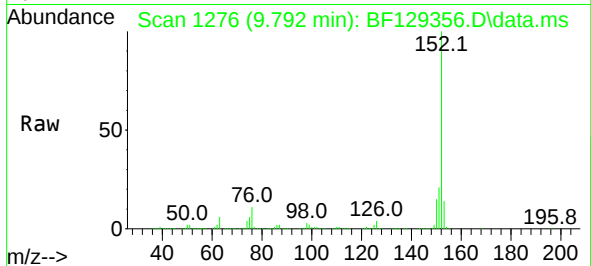
Tgt Ion: 65 Resp: 395033
Ion Ratio Lower Upper
65 100
92 68.2 51.9 77.9
138 102.4 76.4 114.6





#49
Acenaphthylene
Concen: 44.150 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

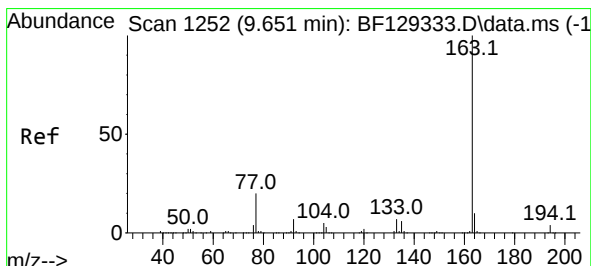
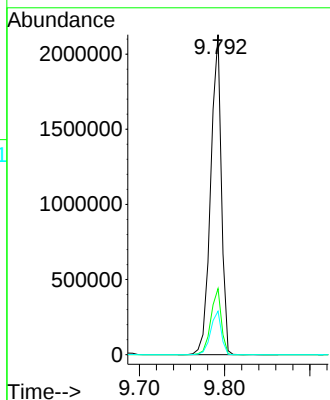
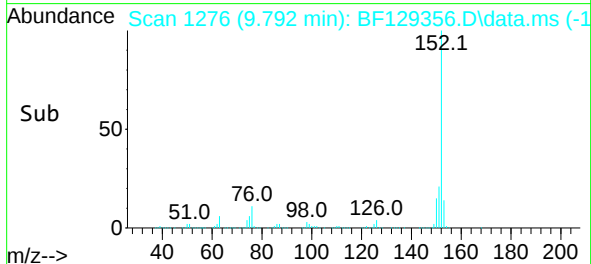
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



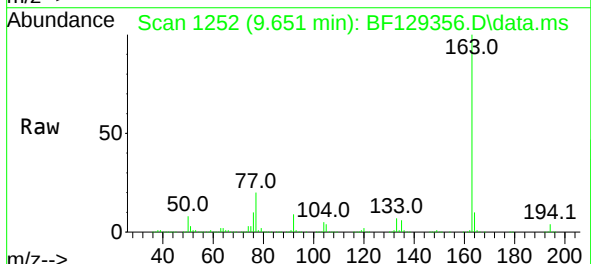
Tgt Ion:152 Resp: 1854730
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.6 10.7 16.1

Manual Integrations
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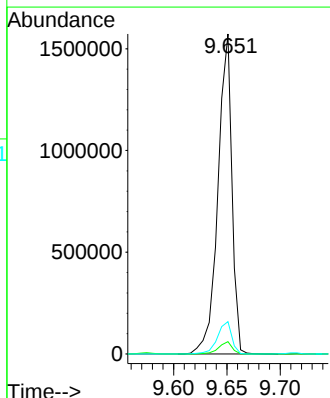
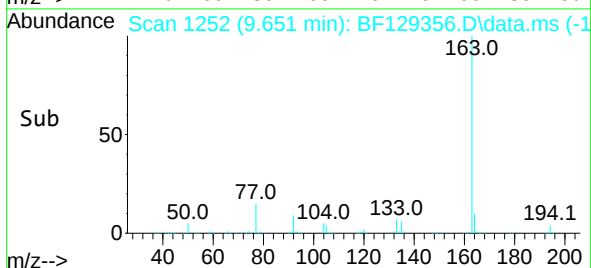
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

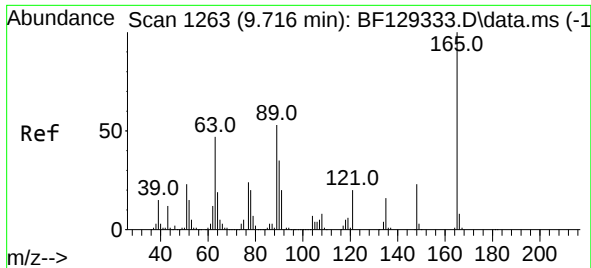


#50
Dimethylphthalate
Concen: 44.276 ng
RT: 9.651 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



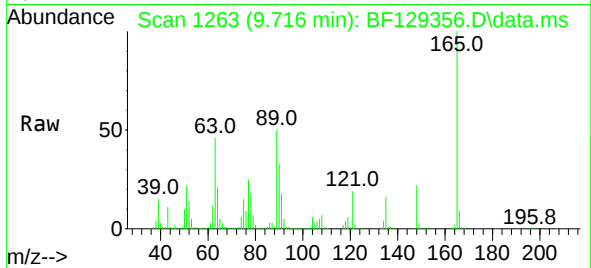
Tgt Ion:163 Resp: 1432333
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.210 ng
RT: 9.716 min Scan# 1263
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

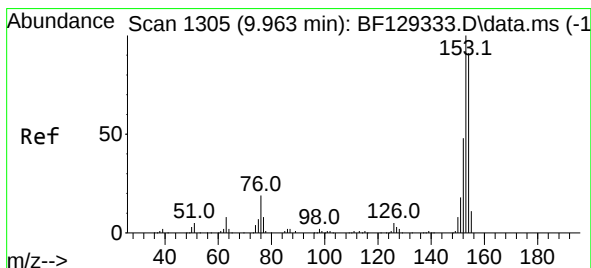
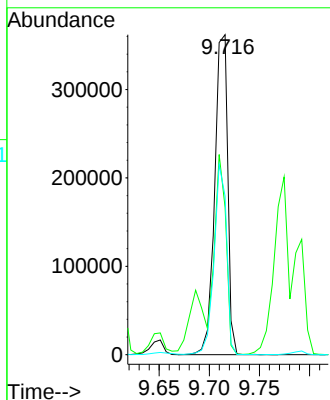
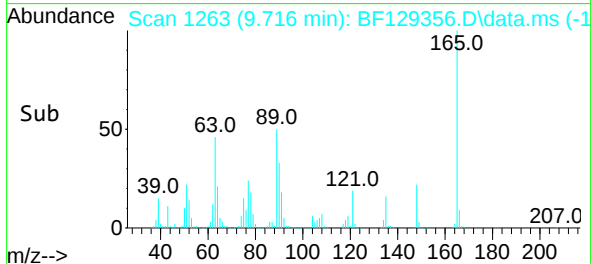
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



Tgt Ion:165 Resp: 327340
Ion Ratio Lower Upper
165 100
63 46.0 44.9 67.3
89 49.6 43.6 65.4

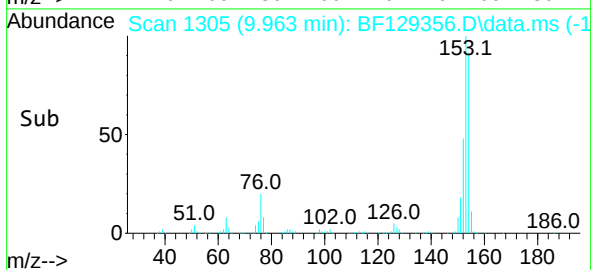
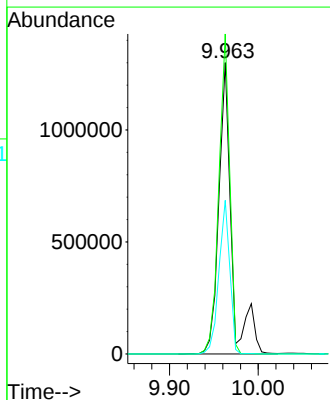
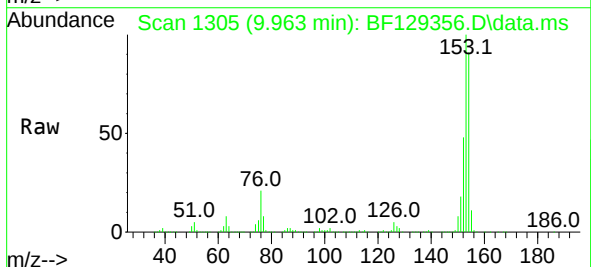
Manual Integrations
APPROVED

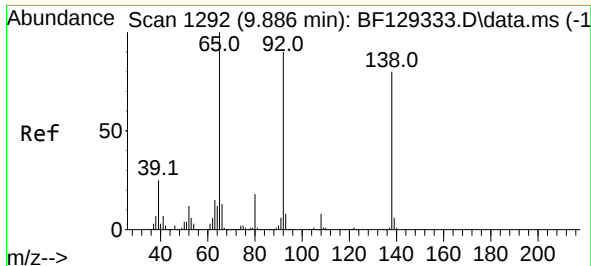
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#52
Acenaphthene
Concen: 47.217 ng m
RT: 9.963 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

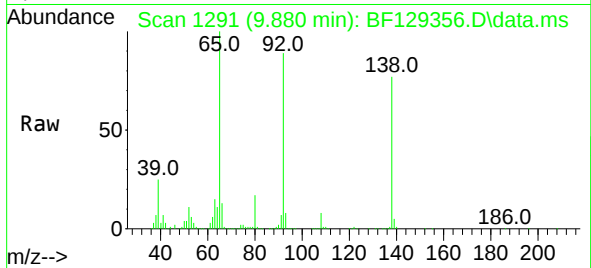
Tgt Ion:154 Resp: 1295561
Ion Ratio Lower Upper
154 100
153 109.8 89.6 134.4
152 52.7 42.4 63.6





#53
3-Nitroaniline
Concen: 21.046 ng
RT: 9.880 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

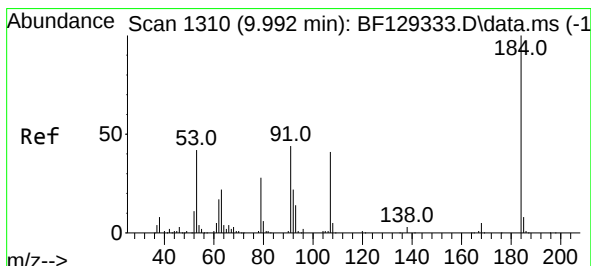
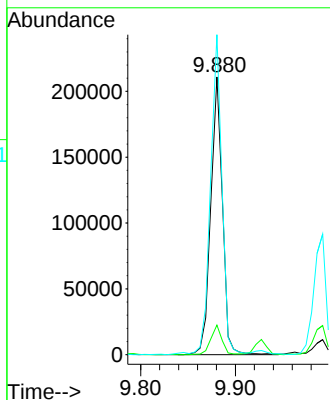
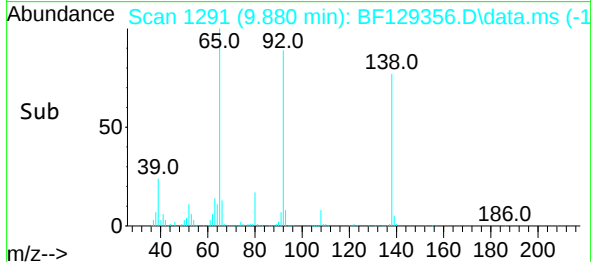
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



Tgt Ion:138 Resp: 17994
Ion Ratio Lower Upper
138 100
108 10.6 10.9 16.3
92 115.2 98.2 147.2

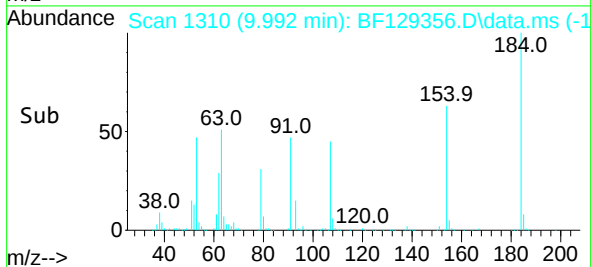
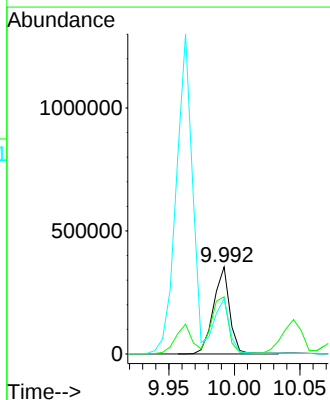
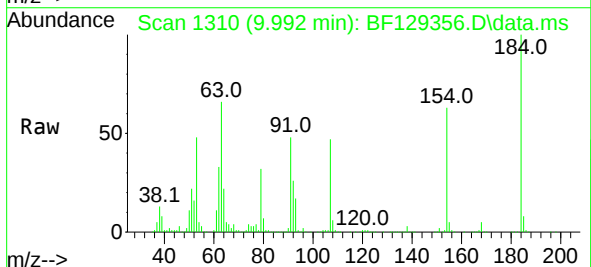
Manual Integrations
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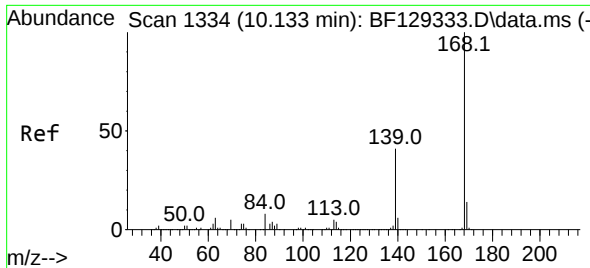
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#54
2,4-Dinitrophenol
Concen: 82.608 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

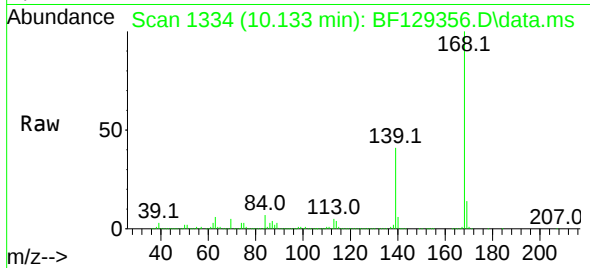
Tgt Ion:184 Resp: 305344
Ion Ratio Lower Upper
184 100
63 65.6 64.5 96.7
154 63.3 50.6 75.8





#55
Dibenzenofuran
Concen: 44.410 ng
RT: 10.133 min Scan# 1334
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

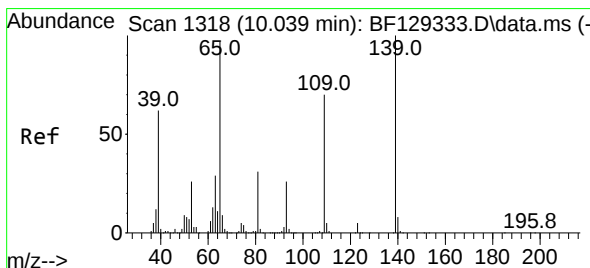
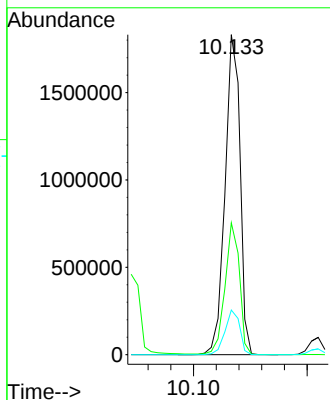
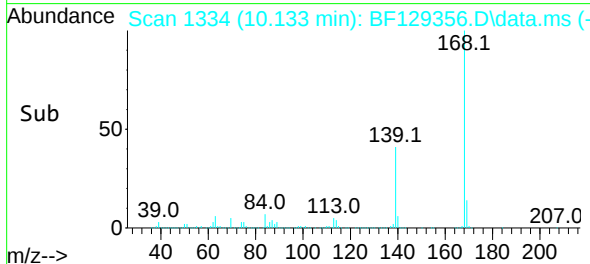
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



Tgt Ion:168 Resp: 1679770
Ion Ratio Lower Upper
168 100
139 41.2 30.6 46.0
169 14.0 11.0 16.6

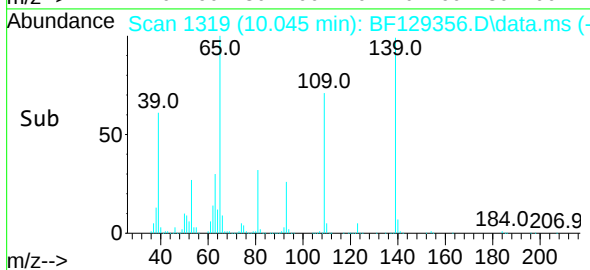
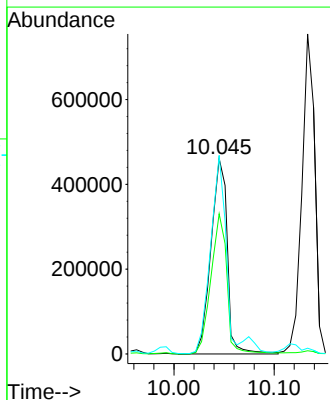
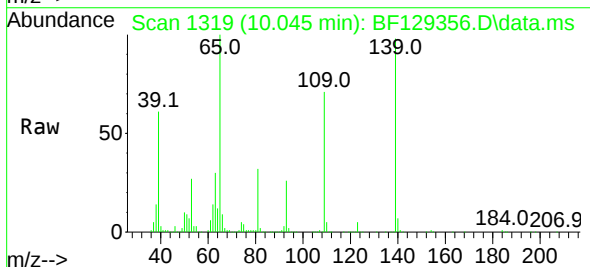
Manual Integrations
APPROVED

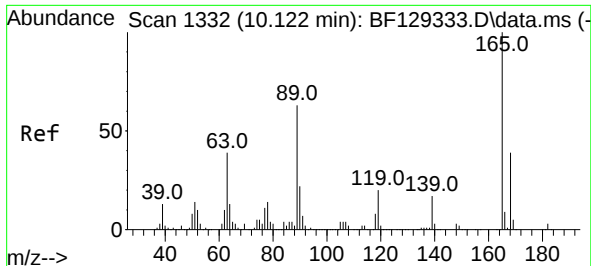
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#56
4-Nitrophenol
Concen: 82.699 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

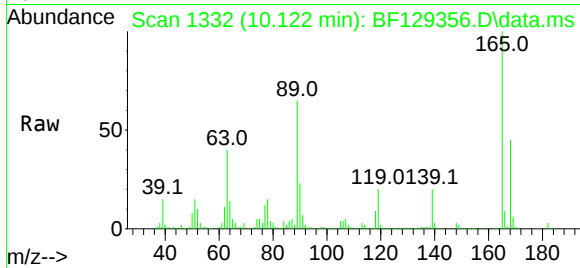
Tgt Ion:139 Resp: 521644
Ion Ratio Lower Upper
139 100
109 71.7 50.7 90.7
65 101.6 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 44.427 ng
RT: 10.122 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

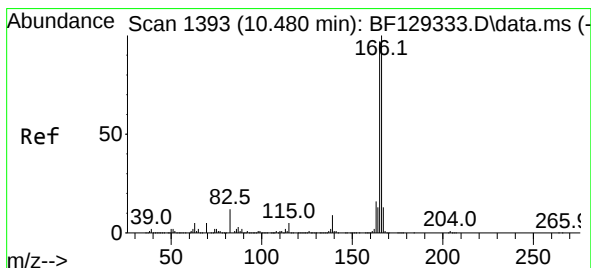
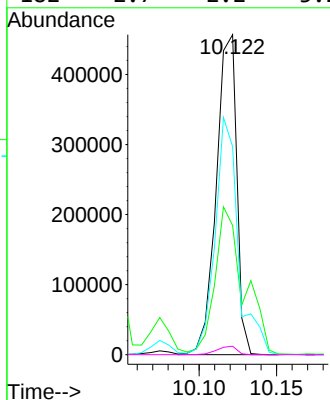
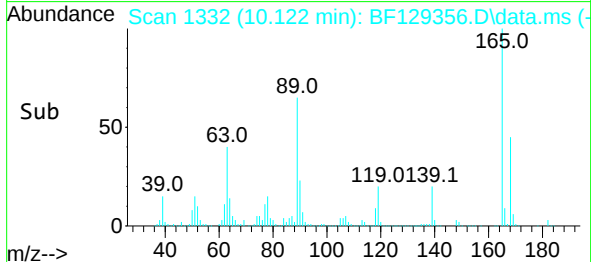
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



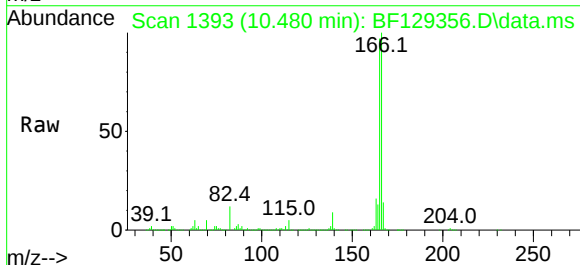
Tgt Ion:165 Resp: 420222
Ion Ratio Lower Upper
165 100
63 40.4 39.8 59.6
89 65.0 60.2 90.2
182 2.7 2.2 3.2

Manual Integrations
APPROVED

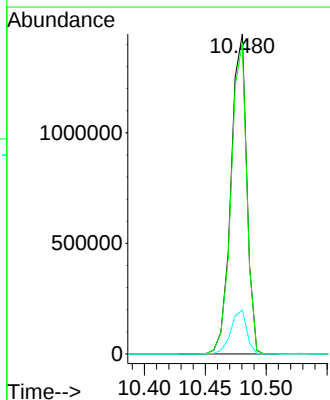
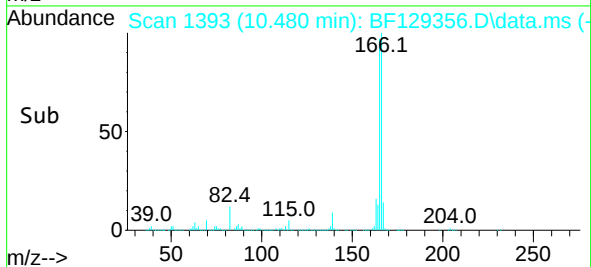
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

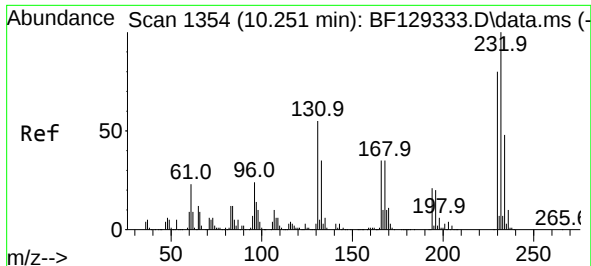


#58
Fluorene
Concen: 42.937 ng
RT: 10.480 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



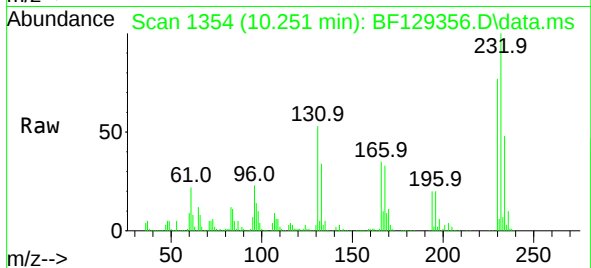
Tgt Ion:166 Resp: 1299458
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.028 ng m
RT: 10.251 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

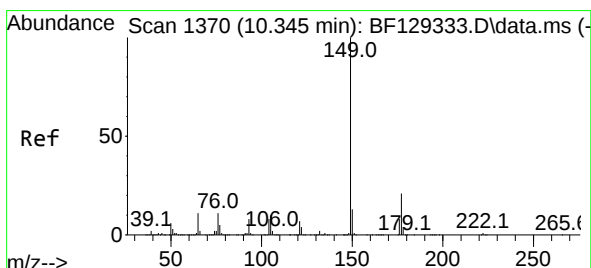
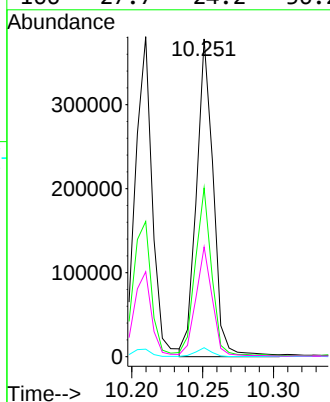
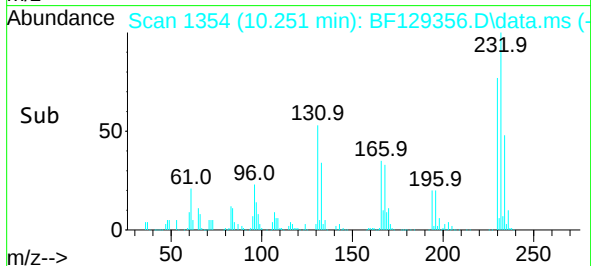
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



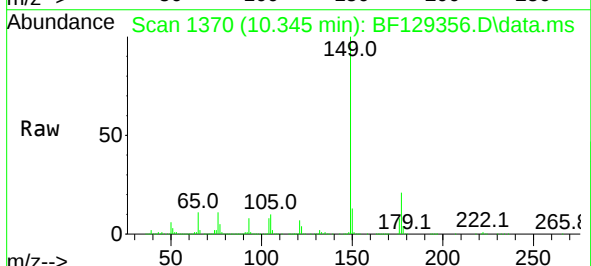
Tgt Ion:232 Resp: 315660
Ion Ratio Lower Upper
232 100
131 45.4 36.1 54.1
130 2.6 1.8 2.8
166 27.7 24.2 36.2

Manual Integrations
APPROVED

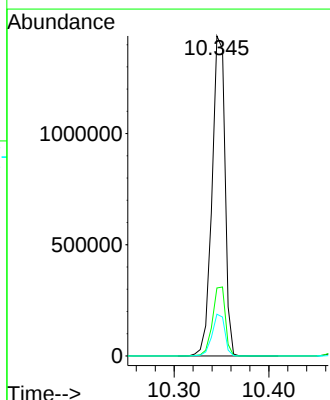
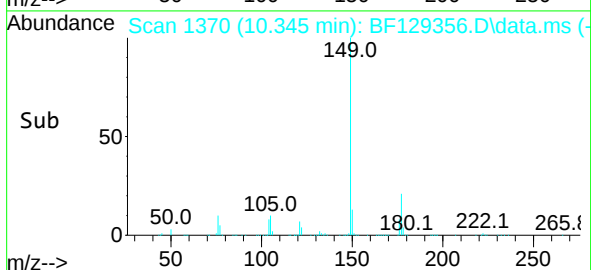
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

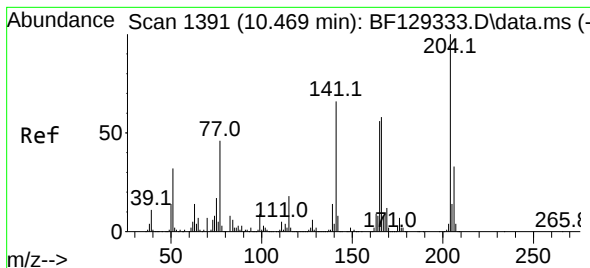


#60
Diethylphthalate
Concen: 43.668 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



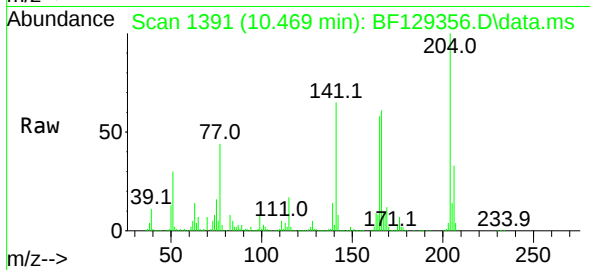
Tgt Ion:149 Resp: 1365614
Ion Ratio Lower Upper
149 100
177 21.3 17.3 25.9
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.288 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

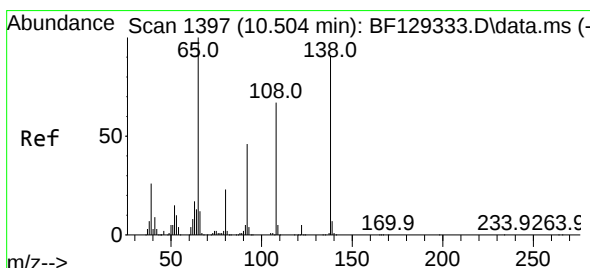
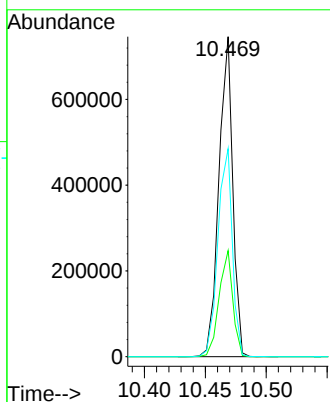
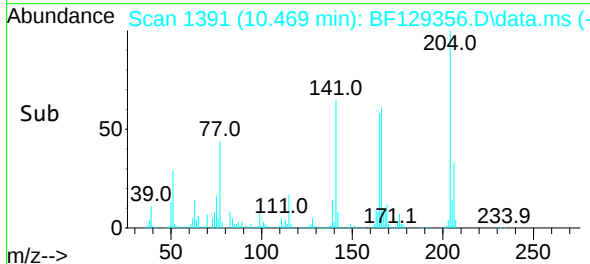
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



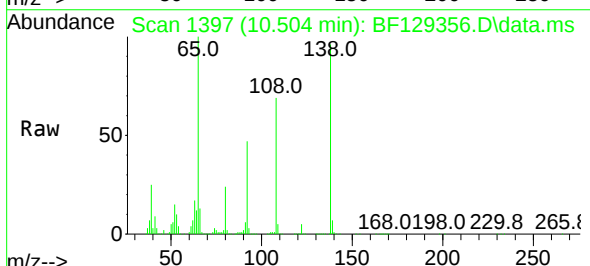
Tgt Ion:204 Resp: 590892
Ion Ratio Lower Upper
204 100
206 33.2 25.8 38.6
141 65.0 47.0 70.4

Manual Integrations
APPROVED

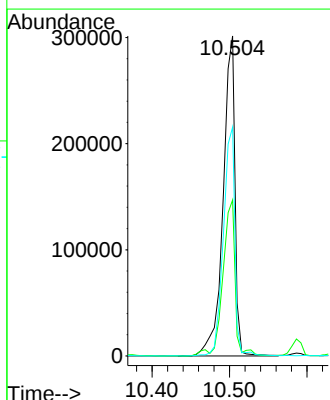
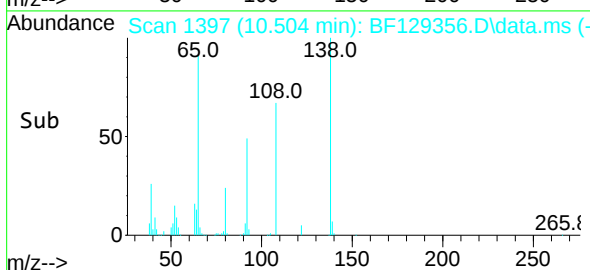
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

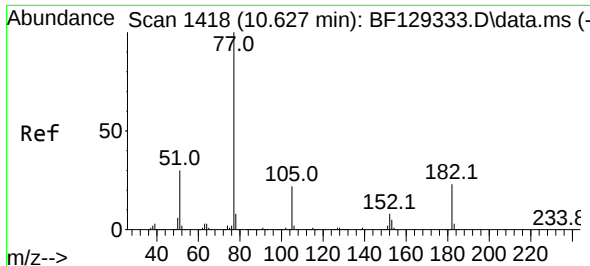


#62
4-Nitroaniline
Concen: 37.959 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



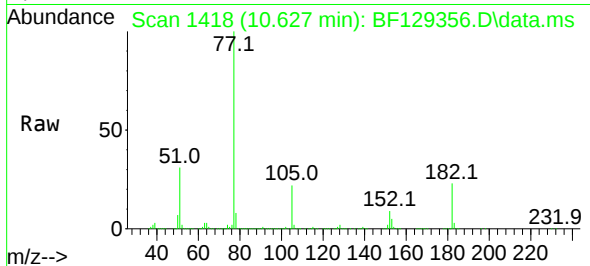
Tgt Ion:138 Resp: 321956
Ion Ratio Lower Upper
138 100
92 48.8 33.5 73.5
108 71.5 61.0 101.0





#63
Azobenzene
Concen: 42.993 ng
RT: 10.627 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

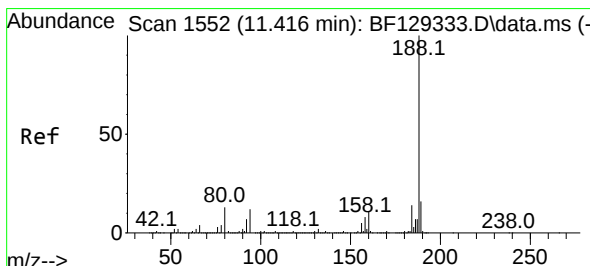
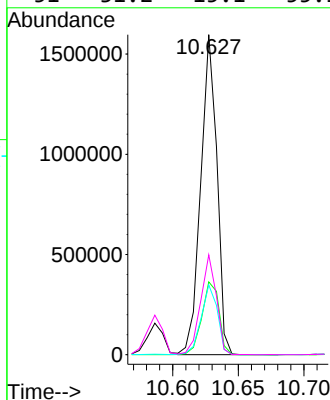
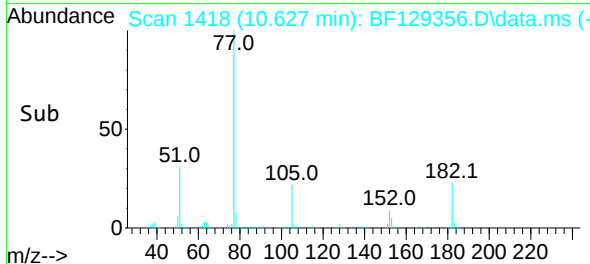
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



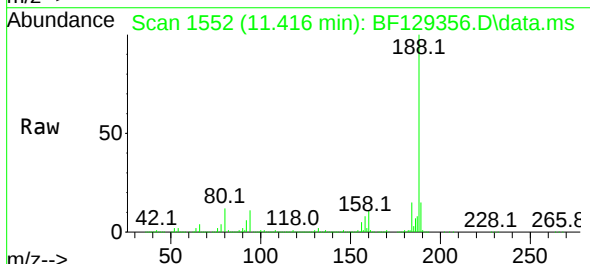
Tgt Ion: 77 Resp: 137134
Ion Ratio Lower Upper
77 100
182 22.8 5.6 45.6
105 21.8 1.6 41.6
51 31.2 15.1 55.1

Manual Integrations
APPROVED

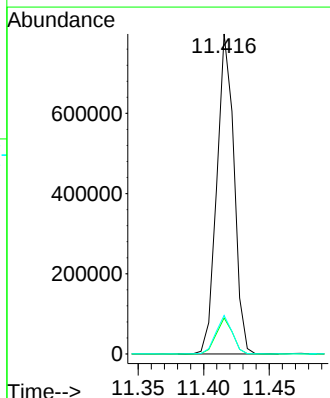
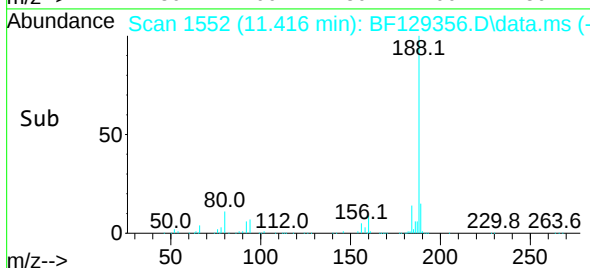
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

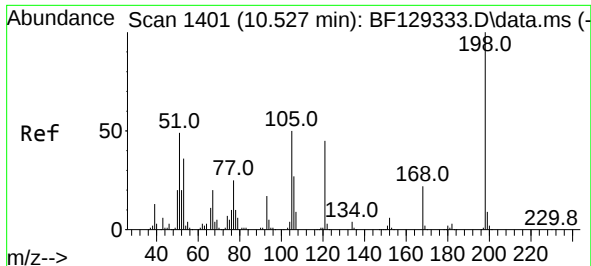


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



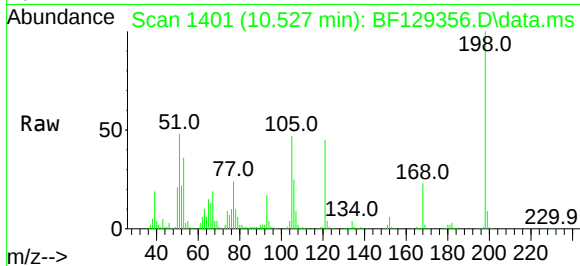
Tgt Ion:188 Resp: 725195
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 12.0 7.6 11.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 43.332 ng
RT: 10.527 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

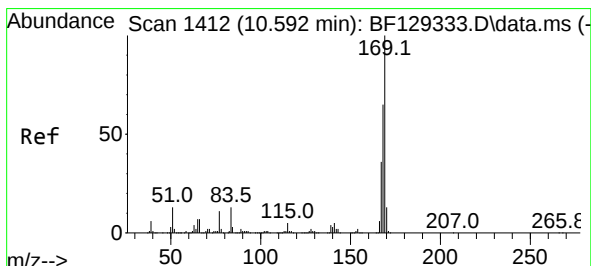
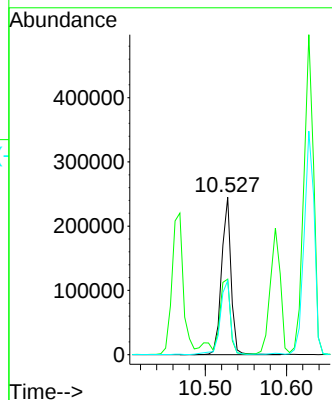
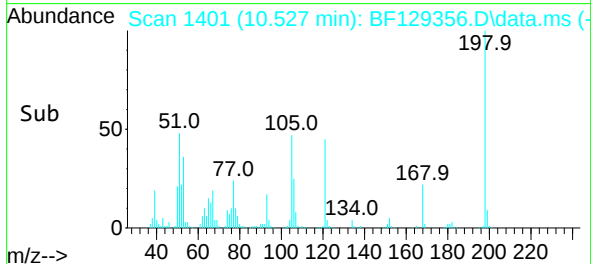
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



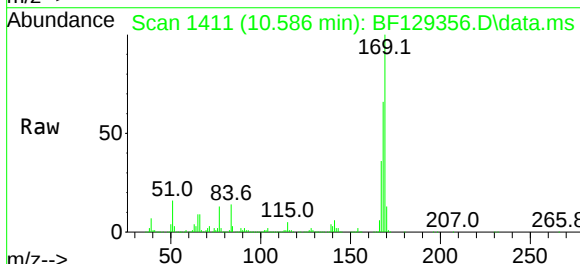
Tgt Ion:198 Resp: 198341
Ion Ratio Lower Upper
198 100
51 48.0 37.6 77.6
105 47.1 27.0 67.0

Manual Integrations
APPROVED

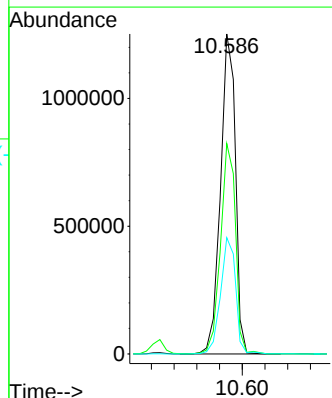
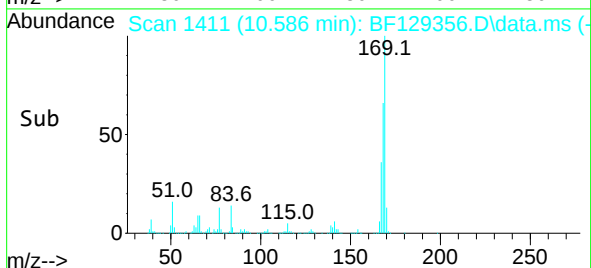
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

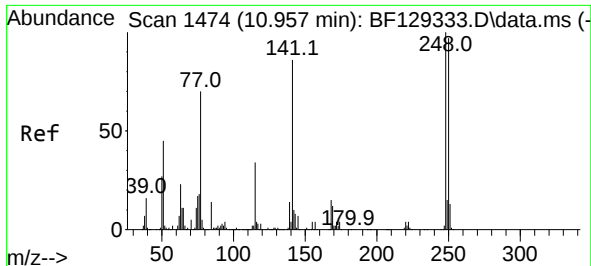


#66
n-Nitrosodiphenylamine
Concen: 47.317 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



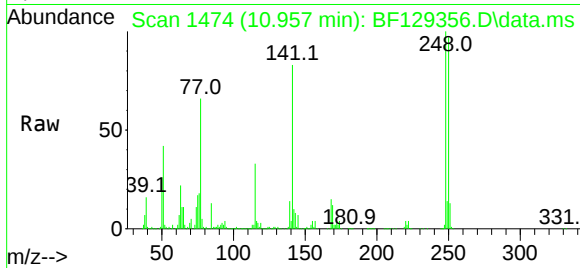
Tgt Ion:169 Resp: 1142741
Ion Ratio Lower Upper
169 100
168 65.8 50.1 75.1
167 36.4 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 47.919 ng
RT: 10.957 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

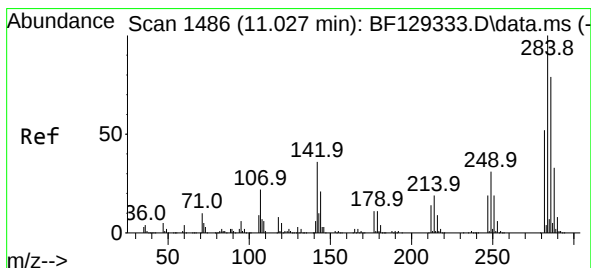
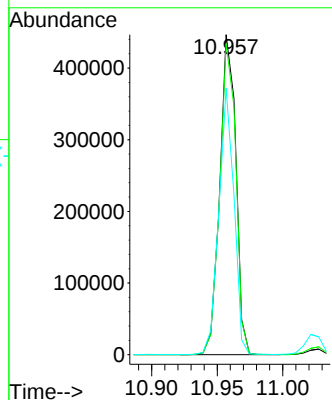
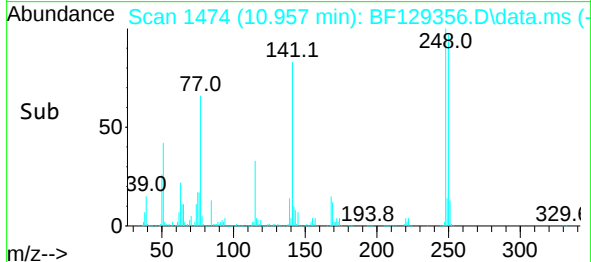
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



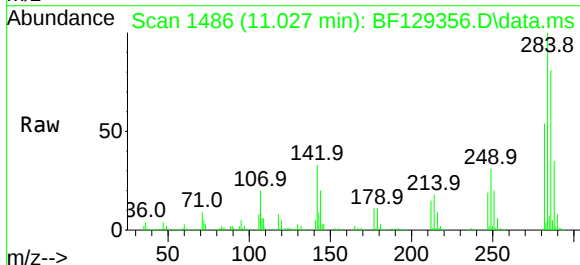
Tgt Ion:248 Resp: 380530
Ion Ratio Lower Upper
248 100
250 97.2 80.6 120.8
141 83.2 58.9 88.3

Manual Integrations
APPROVED

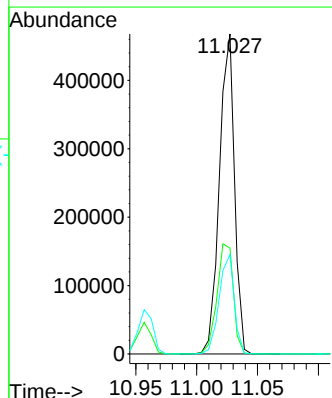
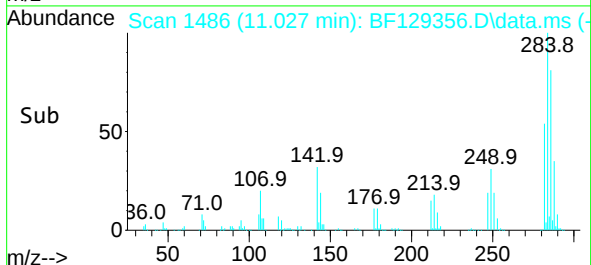
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

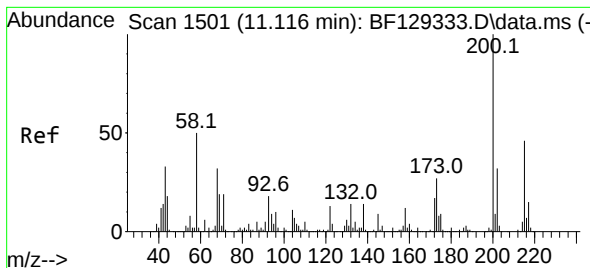


#68
Hexachlorobenzene
Concen: 47.012 ng
RT: 11.027 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



Tgt Ion:284 Resp: 404509
Ion Ratio Lower Upper
284 100
142 33.1 29.0 43.4
249 31.1 25.0 37.6





#69

Atrazine

Concen: 48.741 ng

RT: 11.116 min Scan# 1501

Delta R.T. 0.000 min

Lab File: BF129356.D

Acq: 26 Jul 2022 15:32

Instrument :

BNA_F

ClientSampleId :

ENV-DE-1-(10-15)MS

Tgt Ion:200 Resp: 357549

Ion Ratio Lower Upper

200 100

173 27.0 6.3 46.3

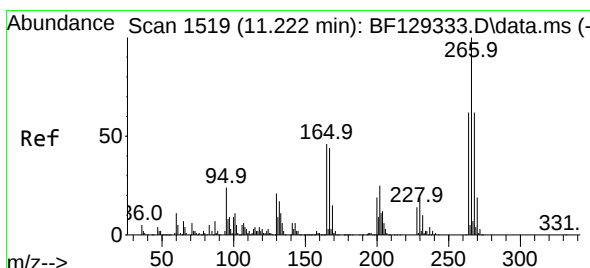
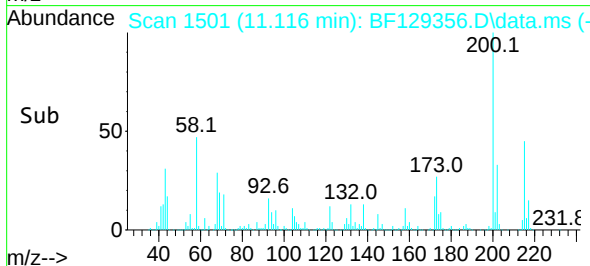
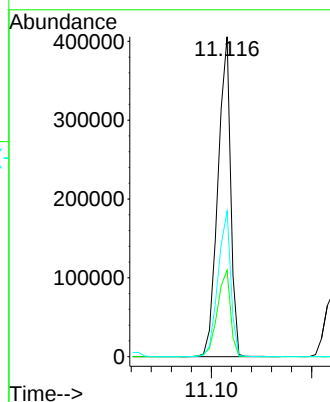
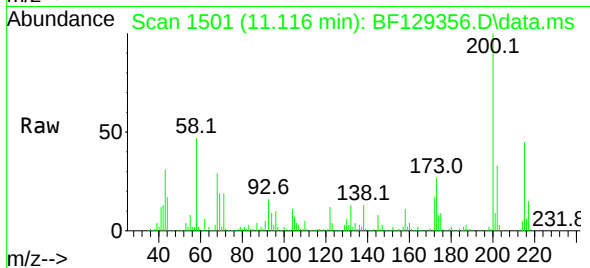
215 45.4 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#70

Pentachlorophenol

Concen: 84.531 ng

RT: 11.222 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF129356.D

Acq: 26 Jul 2022 15:32

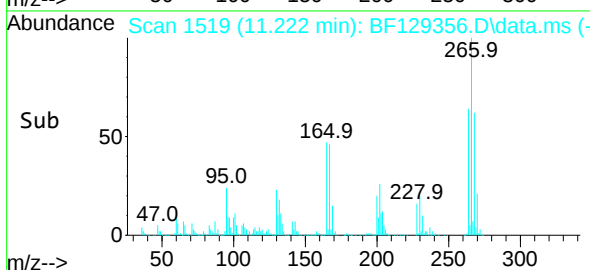
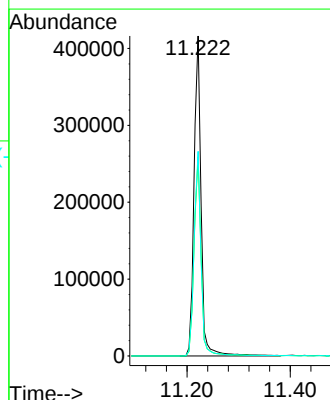
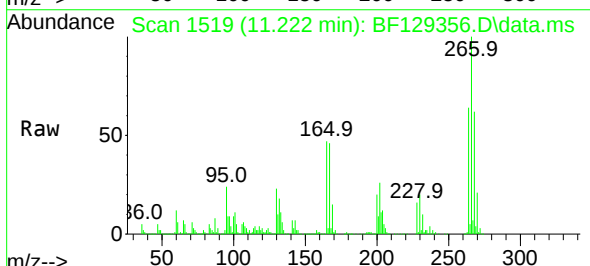
Tgt Ion:266 Resp: 395403

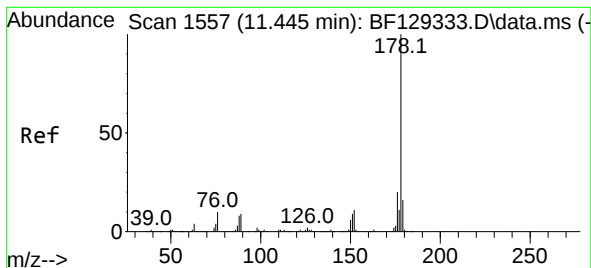
Ion Ratio Lower Upper

266 100

268 62.2 51.0 76.4

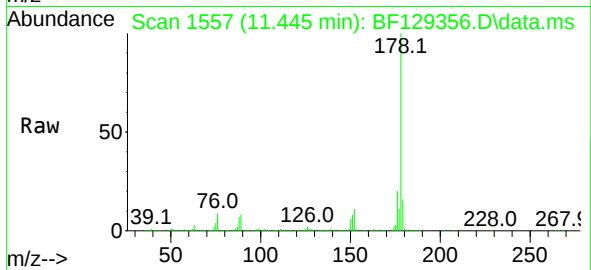
264 64.0 49.4 74.2





#71
Phenanthrene
Concen: 43.919 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

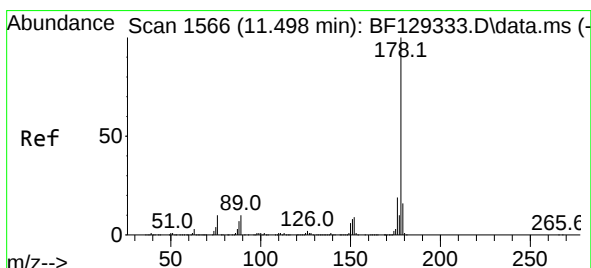
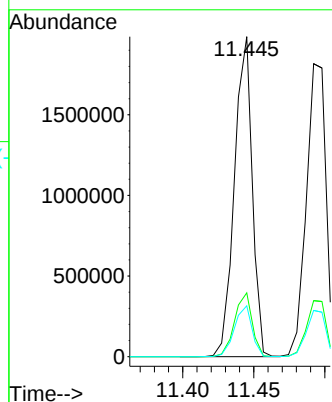
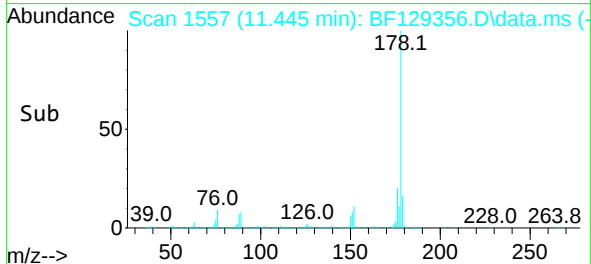
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



Tgt Ion:178 Resp: 173859
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.9 12.6 19.0

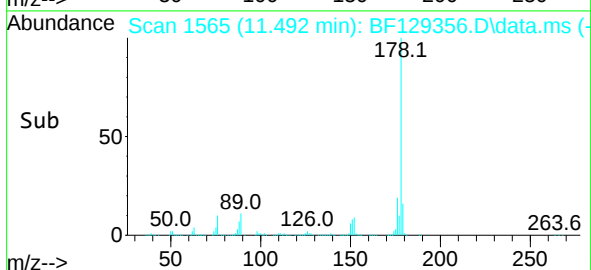
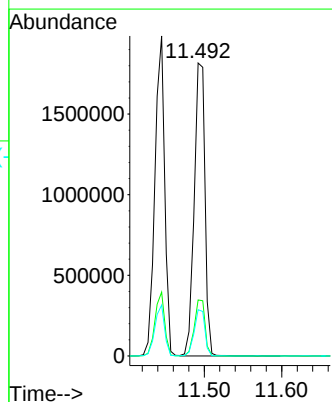
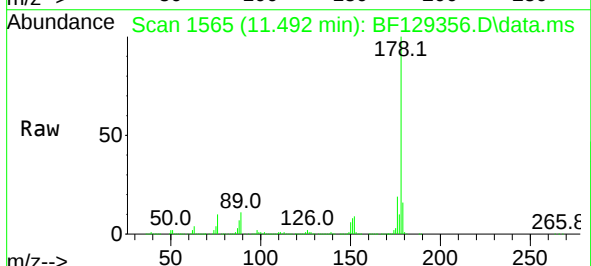
Manual Integrations
APPROVED

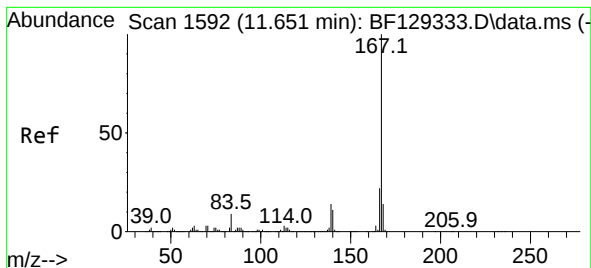
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#72
Anthracene
Concen: 45.138 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

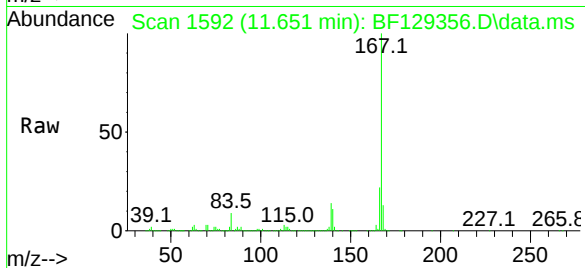
Tgt Ion:178 Resp: 1755938
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.8 12.6 19.0





#73
 Carbazole
 Concen: 42.311 ng
 RT: 11.651 min Scan# 1592
 Delta R.T. 0.000 min
 Lab File: BF129356.D
 Acq: 26 Jul 2022 15:32

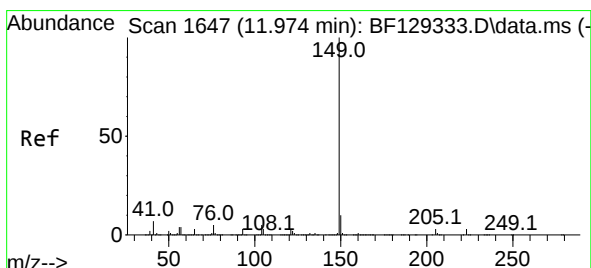
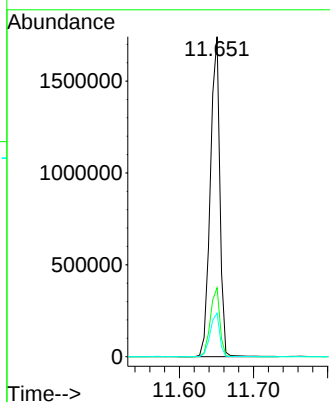
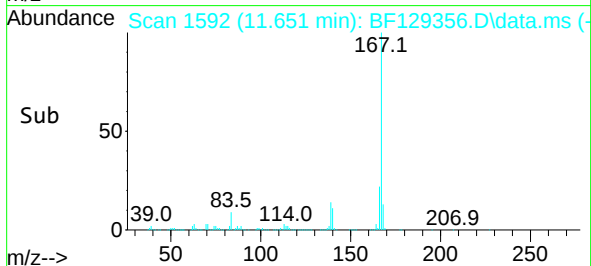
Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-1-(10-15)MS



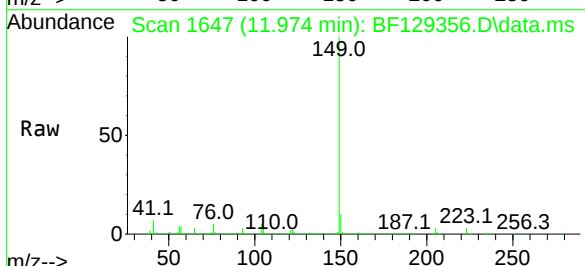
Tgt Ion:167 Resp: 1549424
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.7 26.5
 139 13.6 11.2 16.8

Manual Integrations
 APPROVED

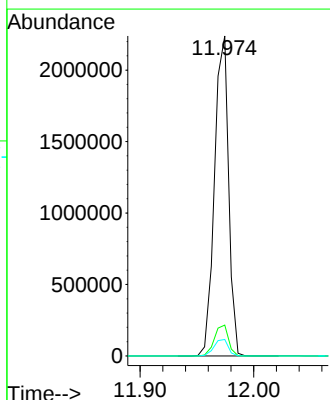
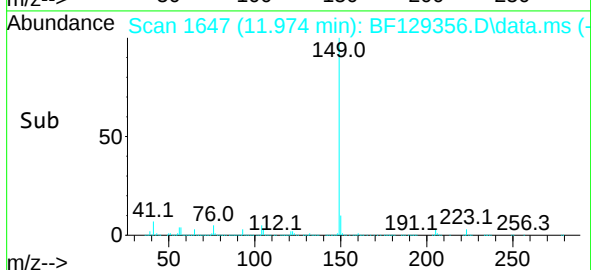
Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022

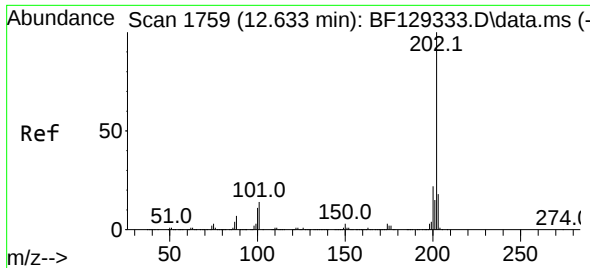


#74
 Di-n-butylphthalate
 Concen: 44.257 ng
 RT: 11.974 min Scan# 1647
 Delta R.T. 0.000 min
 Lab File: BF129356.D
 Acq: 26 Jul 2022 15:32



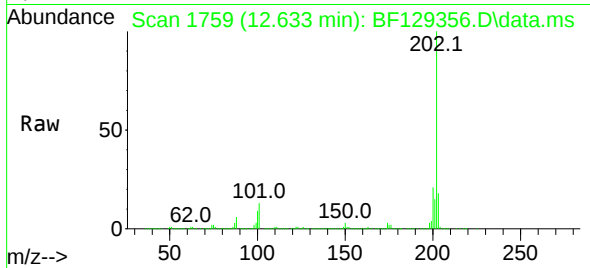
Tgt Ion:149 Resp: 1930059
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 38.921 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

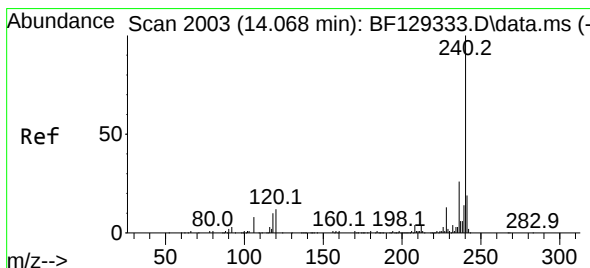
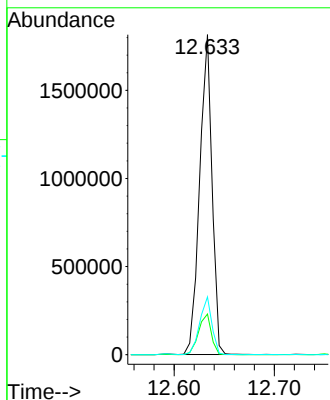
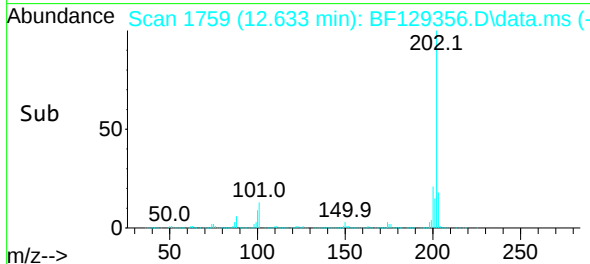
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



Tgt Ion:202 Resp: 156111
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.4
203 18.1 0.0 38.0

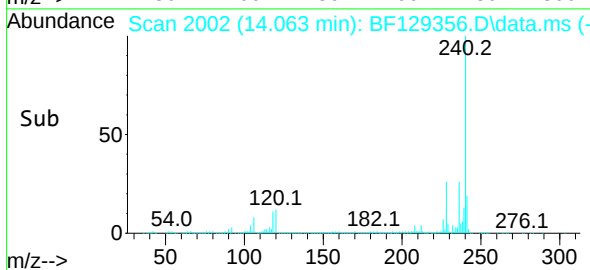
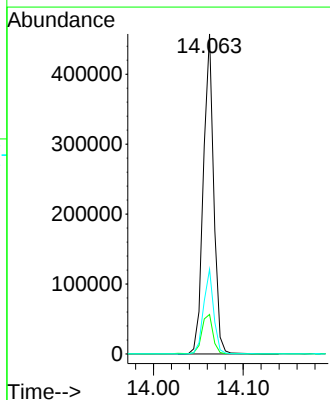
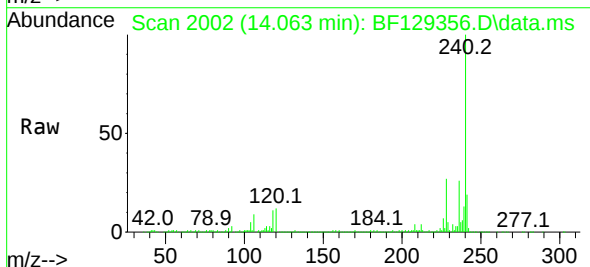
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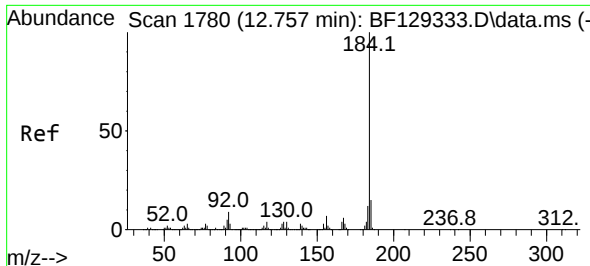
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

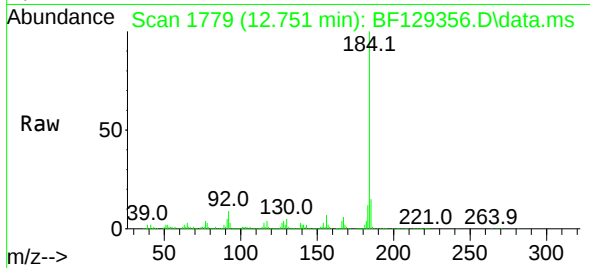
Tgt Ion:240 Resp: 365506
Ion Ratio Lower Upper
240 100
120 12.4 8.9 13.3
236 26.5 20.8 31.2





#77
Benzidine
Concen: 33.699 ng
RT: 12.751 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

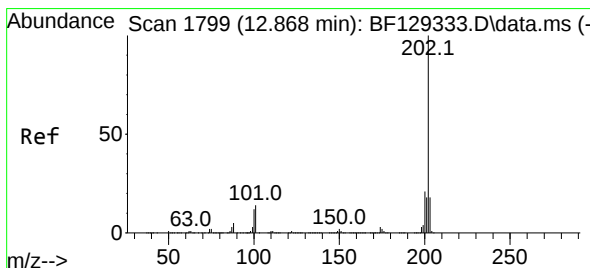
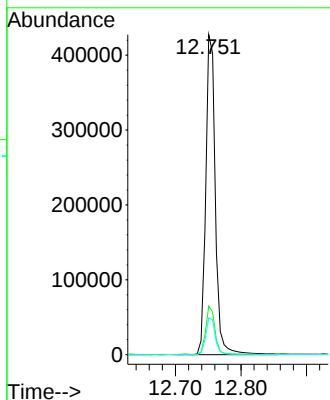
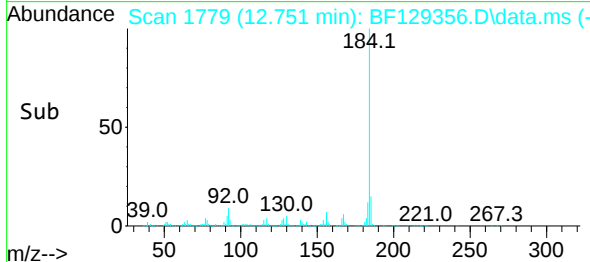
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



Tgt Ion:184 Resp: 435130
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 11.5 9.3 13.9

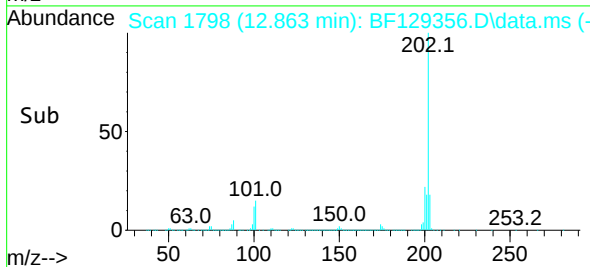
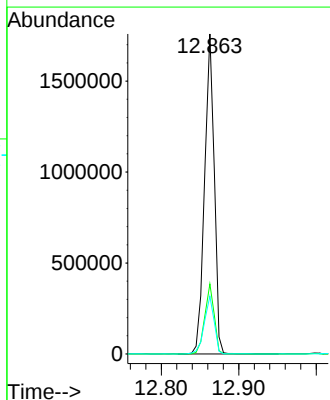
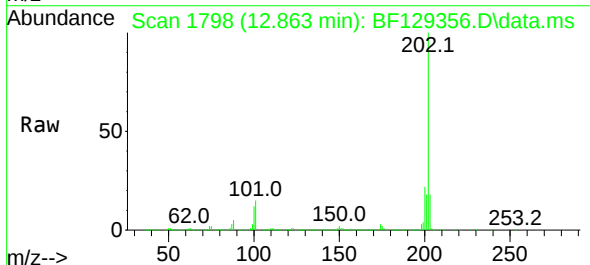
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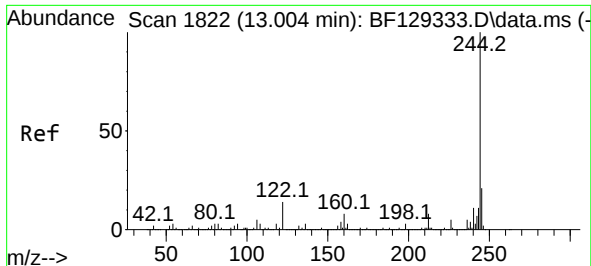
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#78
Pyrene
Concen: 49.790 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

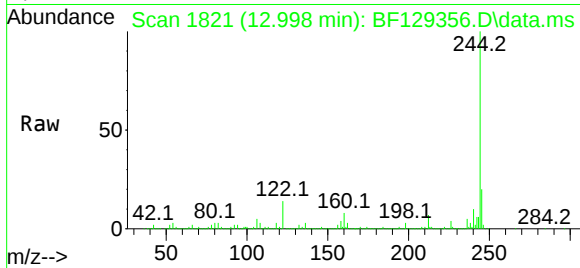
Tgt Ion:202 Resp: 1521821
Ion Ratio Lower Upper
202 100
200 21.9 17.7 26.5
203 18.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 71.381 ng
 RT: 12.998 min Scan# 1822
 Delta R.T. -0.006 min
 Lab File: BF129356.D
 Acq: 26 Jul 2022 15:32

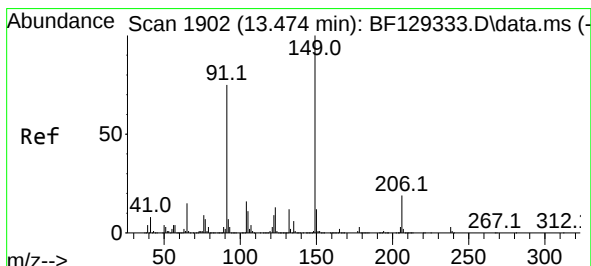
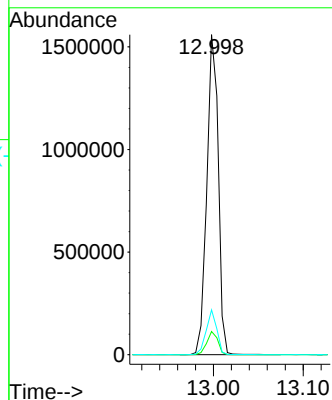
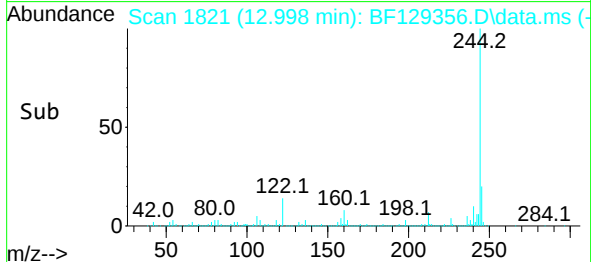
Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-1-(10-15)MS



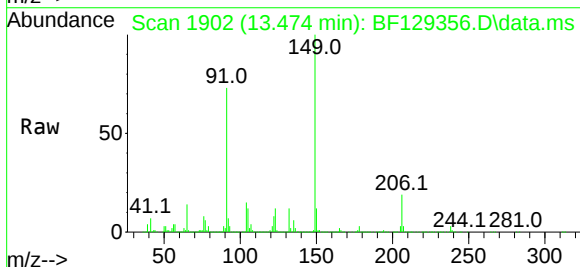
Tgt Ion:244 Resp: 1382942
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 14.0 8.8 13.2

Manual Integrations
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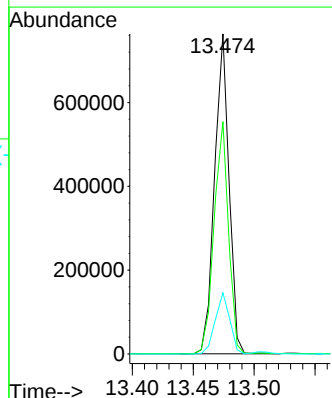
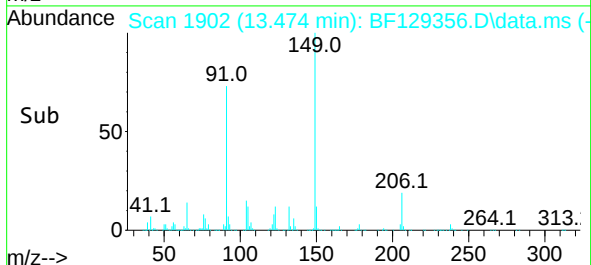
Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022

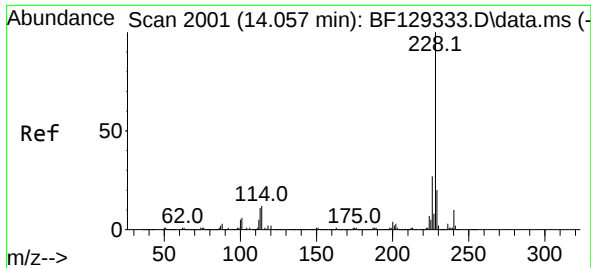


#80
 Butylbenzylphthalate
 Concen: 47.531 ng
 RT: 13.474 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: BF129356.D
 Acq: 26 Jul 2022 15:32



Tgt Ion:149 Resp: 630134
 Ion Ratio Lower Upper
 149 100
 91 72.6 61.2 91.8
 206 19.1 15.7 23.5





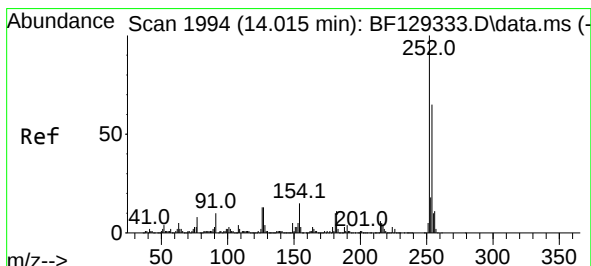
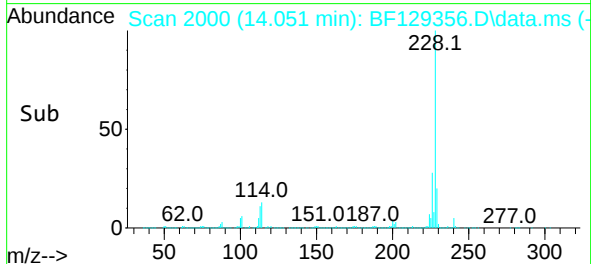
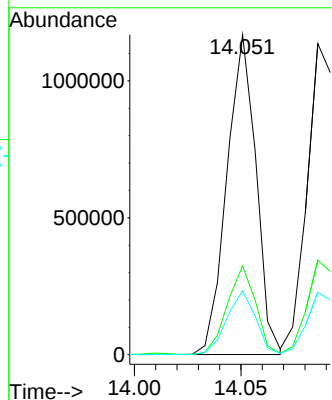
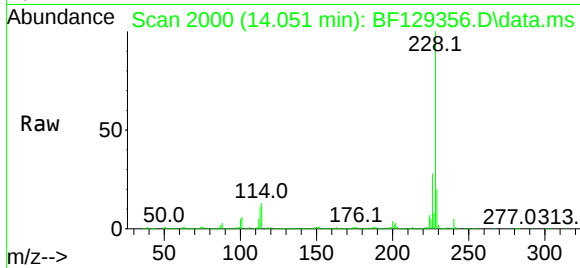
#81
Benzo(a)anthracene
Concen: 44.480 ng
RT: 14.051 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS

Tgt Ion:228 Resp: 1110569
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 19.9 15.8 23.8

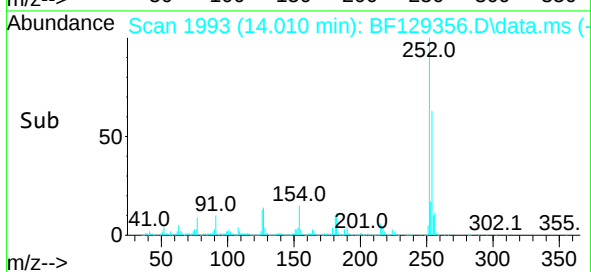
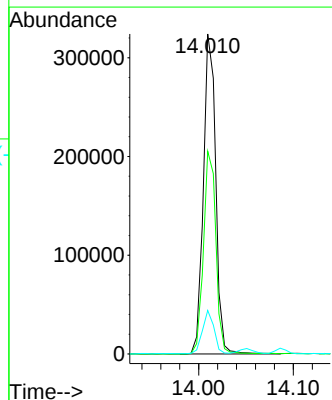
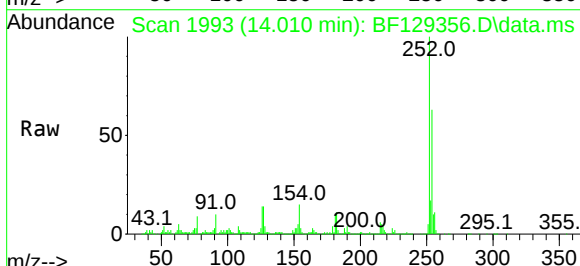
Manual Integrations
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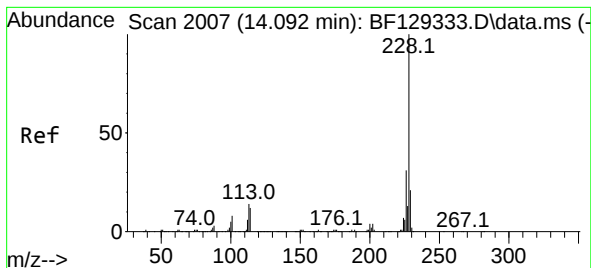
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#82
3,3'-Dichlorobenzidine
Concen: 35.677 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

Tgt Ion:252 Resp: 294108
Ion Ratio Lower Upper
252 100
254 63.4 50.2 75.4
126 13.6 8.2 12.4#





#83

Chrysene

Concen: 44.972 ng

RT: 14.086 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF129356.D

Acq: 26 Jul 2022 15:32

Instrument :

BNA_F

ClientSampleId :

ENV-DE-1-(10-15)MS

Tgt Ion:228 Resp: 1058230

Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

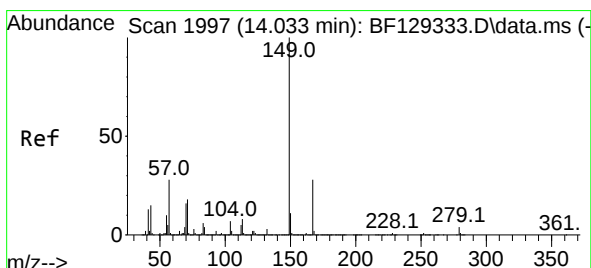
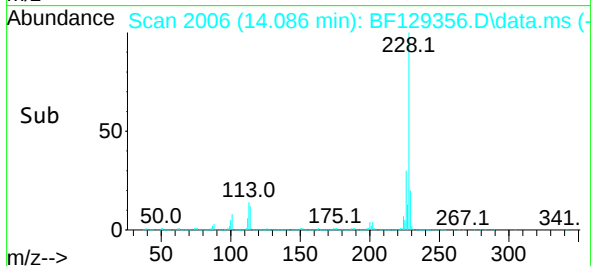
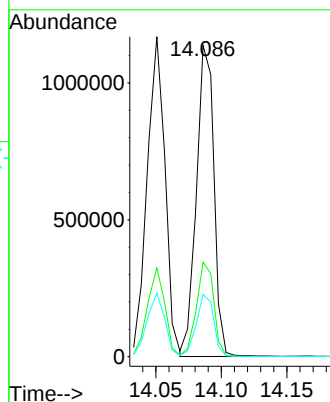
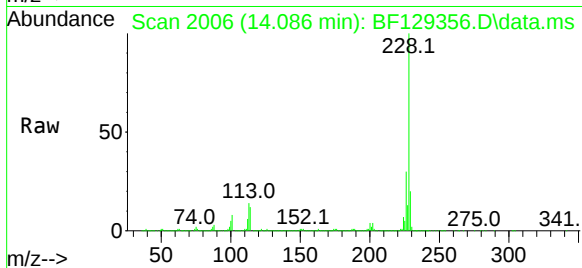
229 20.0 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.468 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF129356.D

Acq: 26 Jul 2022 15:32

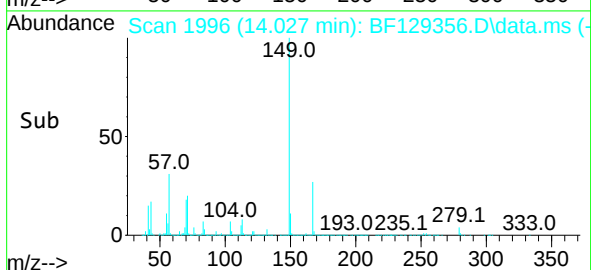
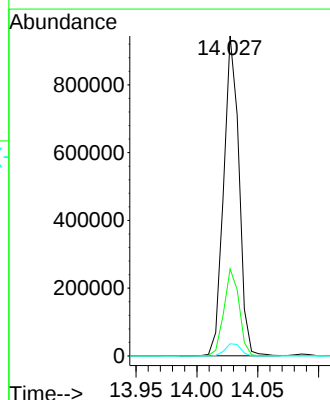
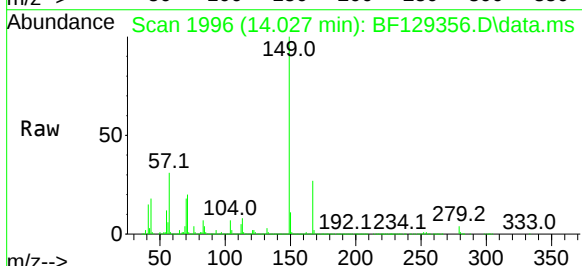
Tgt Ion:149 Resp: 828489

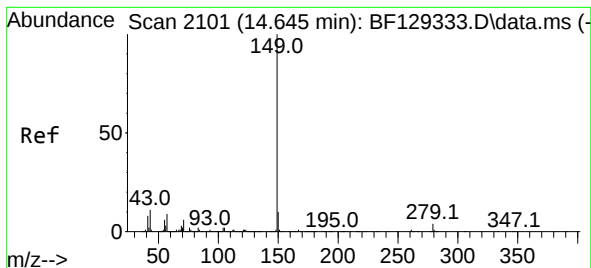
Ion Ratio Lower Upper

149 100

167 27.2 21.0 31.4

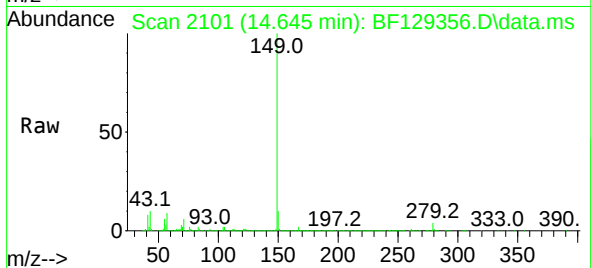
279 3.8 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 50.977 ng
RT: 14.645 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

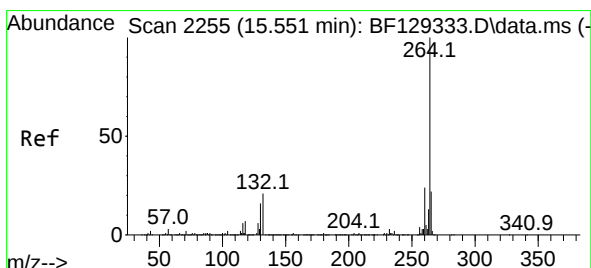
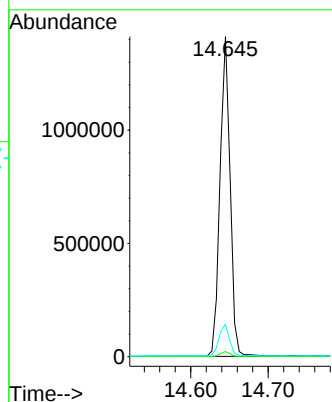
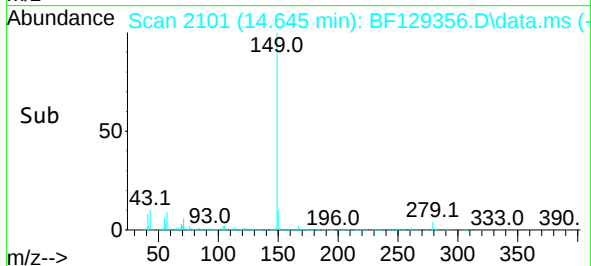
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



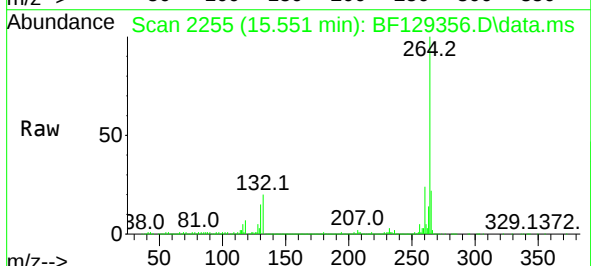
Tgt Ion:149 Resp: 128036
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.2 9.2 13.8

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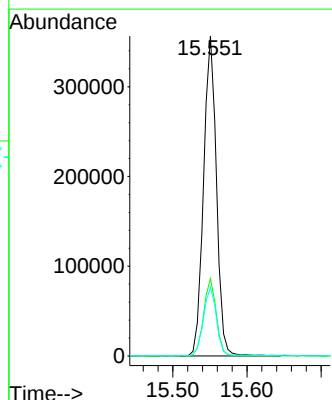
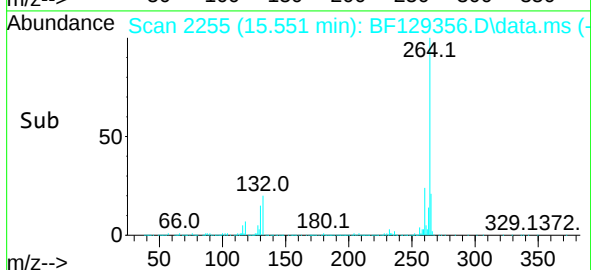
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

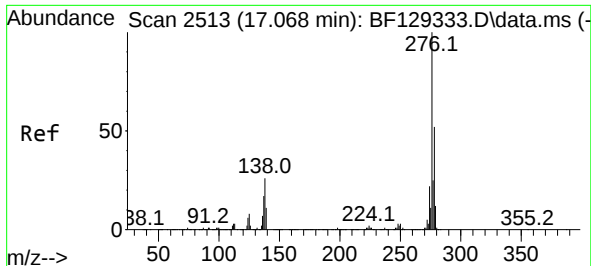


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



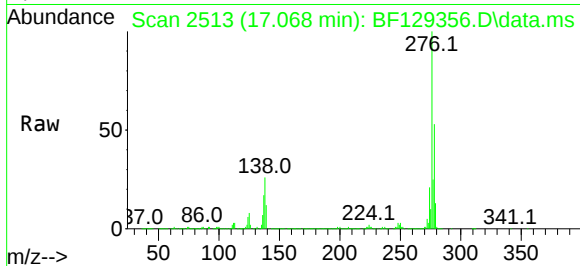
Tgt Ion:264 Resp: 432313
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 21.5 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.561 ng
RT: 17.068 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

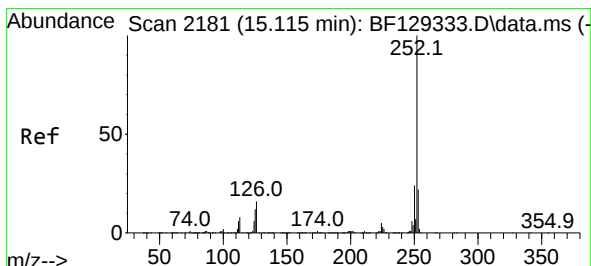
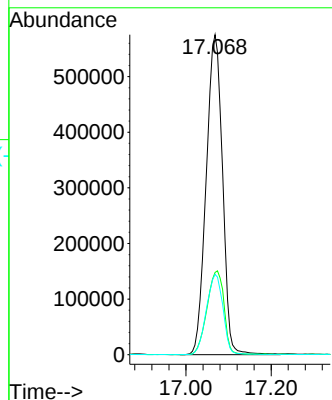
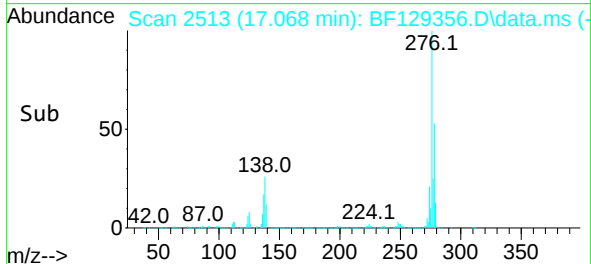
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



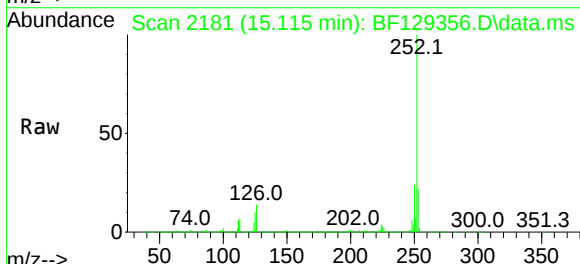
Tgt Ion: 276 Resp: 153017
Ion Ratio Lower Upper
276 100
138 27.3 21.1 31.7
277 25.4 20.3 30.5

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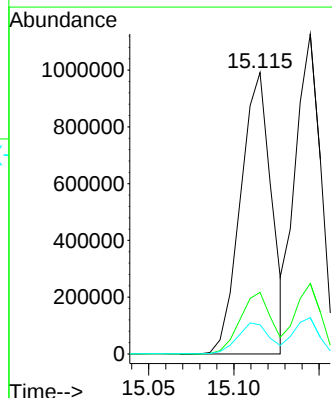
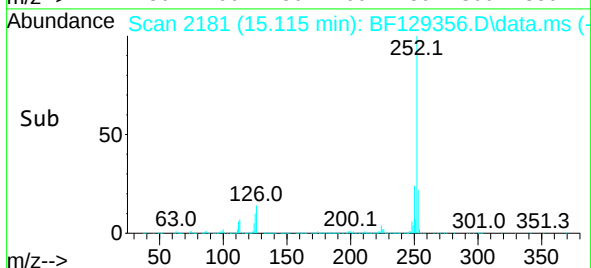
Reviewed By : Christian Giraldo 07/27/2022
Supervised By : Jagrut Upadhyay 07/27/2022

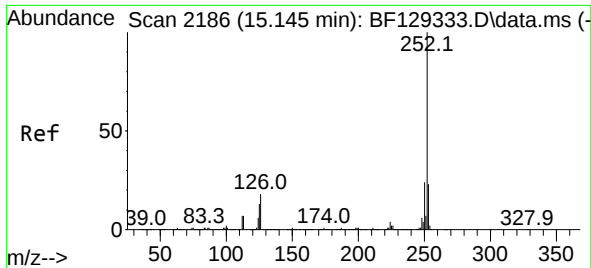


#88
Benzo(b)fluoranthene
Concen: 43.663 ng
RT: 15.115 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



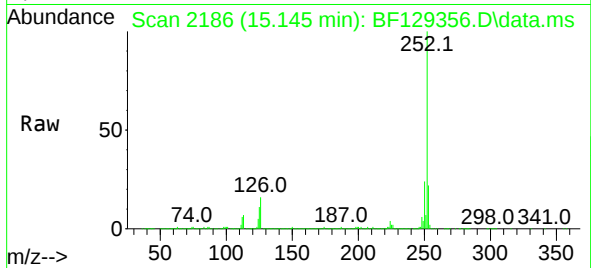
Tgt Ion: 252 Resp: 1252097
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.4 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 41.697 ng
RT: 15.145 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

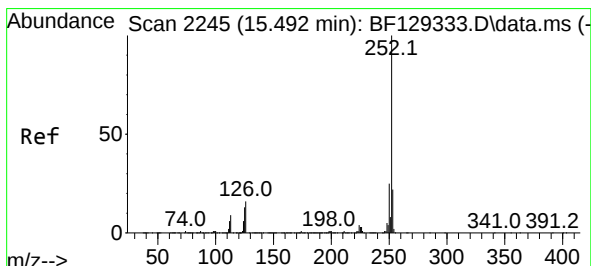
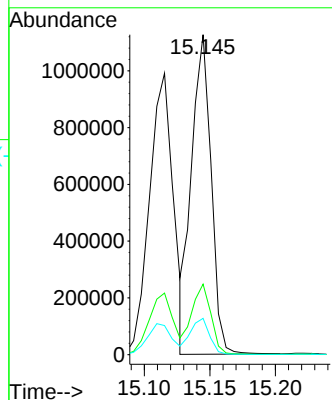
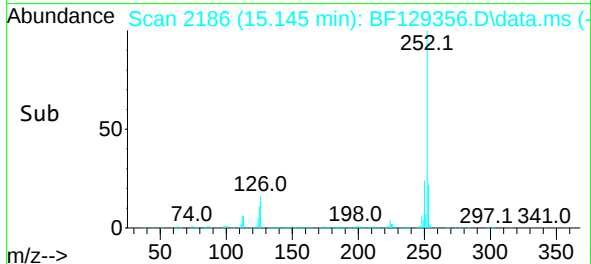
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



Tgt Ion:252 Resp: 1171769
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.3 8.3 12.5

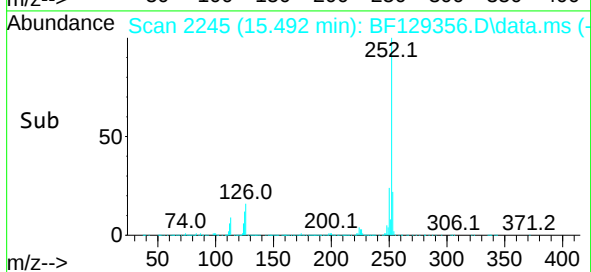
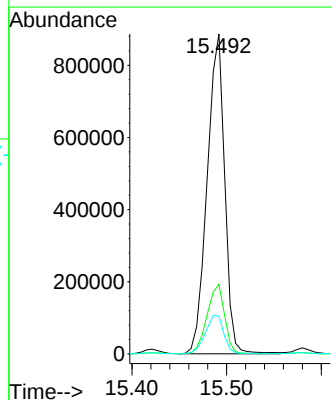
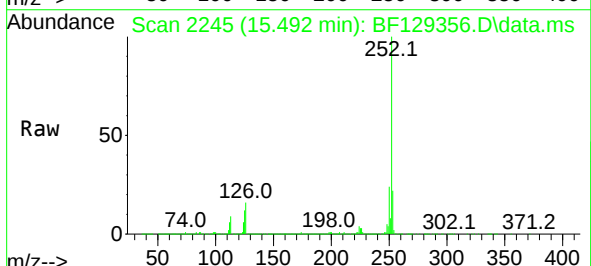
Manual Integrations
APPROVED

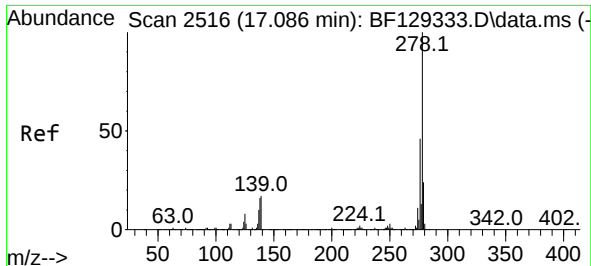
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#90
Benzo(a)pyrene
Concen: 48.852 ng
RT: 15.492 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

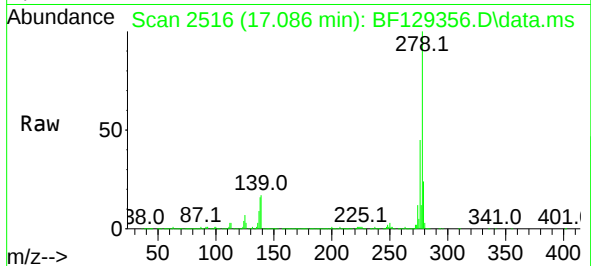
Tgt Ion:252 Resp: 1137225
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 11.8 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 54.522 ng
RT: 17.086 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32

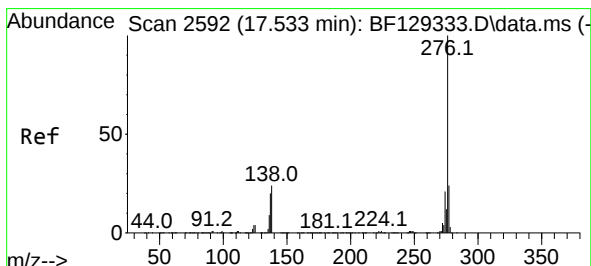
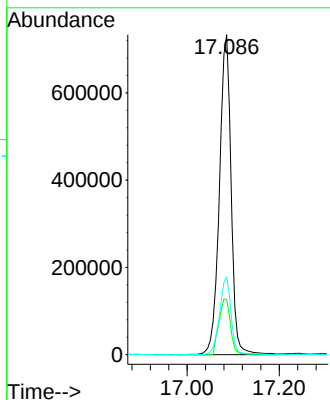
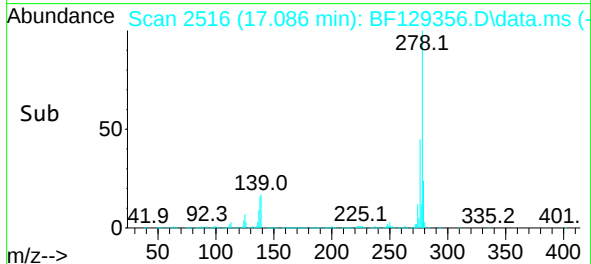
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MS



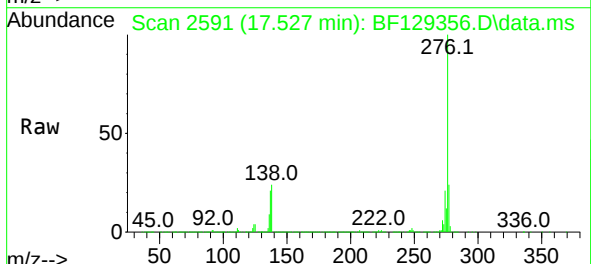
Tgt Ion: 278 Resp: 1291898
Ion Ratio Lower Upper
278 100
139 17.2 12.8 19.2
279 24.2 18.6 28.0

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 07/27/2022
Supervised By : Jagrut Upadhyay 07/27/2022



#92
Benzo(g,h,i)perylene
Concen: 56.060 ng
RT: 17.527 min Scan# 2591
Delta R.T. -0.006 min
Lab File: BF129356.D
Acq: 26 Jul 2022 15:32



Tgt Ion: 276 Resp: 1357347
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 24.4 18.0 27.0

