

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129357.D
 Acq On : 26 Jul 2022 16:05
 Operator : CG\JU
 Sample : N3839-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Jul 27 00:39:53 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	215560	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	859613	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	451457	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	685539	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	357078	20.000	ng	0.00
86) Perylene-d12	15.551	264	435165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1300365	98.269	ng	0.01
7) Phenol-d6	6.516	99	1711988	102.929	ng	0.00
23) Nitrobenzene-d5	7.451	82	1010380	64.163	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	423017	97.460	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1737187	59.526	ng	0.00
79) Terphenyl-d14	12.998	244	1315165	69.485	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	255035	42.717	ng	90
3) Pyridine	3.493	79	688917	41.551	ng	90
4) n-Nitrosodimethylamine	3.446	42	338584	46.505	ng	91
6) Aniline	6.551	93	685271	33.141	ng	99
8) 2-Chlorophenol	6.669	128	709049	49.046	ng	97
9) Benzaldehyde	6.434	77	355306	31.456	ng	96
10) Phenol	6.528	94	817035m	46.128	ng	
11) bis(2-Chloroethyl)ether	6.616	93	672798	47.897	ng	95
12) 1,3-Dichlorobenzene	6.822	146	725443	46.787	ng	99
13) 1,4-Dichlorobenzene	6.904	146	732604	46.459	ng	99
14) 1,2-Dichlorobenzene	7.051	146	704815	48.627	ng	98
15) Benzyl Alcohol	7.028	79	581321	48.191	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1014585	48.051	ng	93
17) 2-Methylphenol	7.134	107	553751	46.171	ng	99
18) Hexachloroethane	7.398	117	283285	47.710	ng	94
19) n-Nitroso-di-n-propyla...	7.298	70	465054	46.185	ng	92
20) 3+4-Methylphenols	7.287	107	663818	43.531	ng	93
22) Acetophenone	7.293	105	920007	45.969	ng	# 94
24) Nitrobenzene	7.469	77	731555	45.114	ng	96
25) Isophorone	7.704	82	1336570	47.351	ng	98
26) 2-Nitrophenol	7.787	139	380894	47.614	ng	90
27) 2,4-Dimethylphenol	7.816	122	605682m	50.475	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	826926	50.501	ng	99
29) 2,4-Dichlorophenol	8.028	162	567961	45.858	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	566921	44.222	ng	97
31) Naphthalene	8.192	128	1933953	44.282	ng	100
32) Benzoic acid	7.940	122	374809	43.206	ng	97
33) 4-Chloroaniline	8.234	127	263674	14.705	ng	97
34) Hexachlorobutadiene	8.304	225	334018	45.836	ng	99
35) Caprolactam	8.616	113	181713m	45.128	ng	
36) 4-Chloro-3-methylphenol	8.722	107	614080	46.748	ng	95
37) 2-Methylnaphthalene	8.881	142	1275741	44.950	ng	99
38) 1-Methylnaphthalene	8.981	142	1207689	44.079	ng	97
40) 1,2,4,5-Tetrachloroben...	9.051	216	539455	45.507	ng	# 98
41) Hexachlorocyclopentadiene	9.034	237	617606	117.002	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	386684	44.912	ng	98

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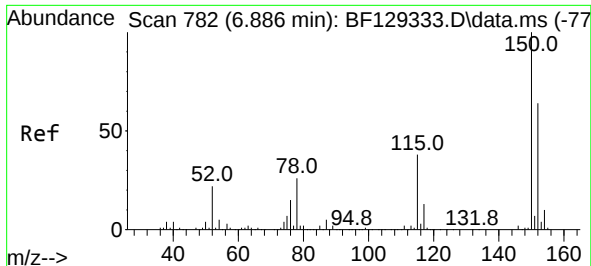
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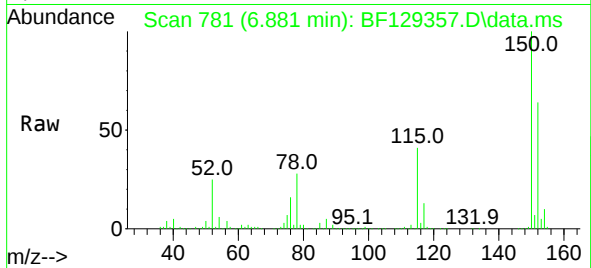
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	410122	43.802	ng	95
46) 1,1'-Biphenyl	9.345	154	1506816	45.734	ng	99
47) 2-Chloronaphthalene	9.375	162	1189050	44.643	ng	98
48) 2-Nitroaniline	9.469	65	386174	43.603	ng	94
49) Acenaphthylene	9.792	152	1792360	44.287	ng	100
50) Dimethylphthalate	9.651	163	1388778	44.561	ng	99
51) 2,6-Dinitrotoluene	9.710	165	313942	45.007	ng	92
52) Acenaphthene	9.963	154	1248398m	47.228	ng	
53) 3-Nitroaniline	9.881	138	186015	22.583	ng	# 94
54) 2,4-Dinitrophenol	9.992	184	291499	81.860	ng	# 87
55) Dibenzofuran	10.133	168	1613317	44.274	ng	97
56) 4-Nitrophenol	10.045	139	493172	81.157	ng	96
57) 2,4-Dinitrotoluene	10.116	165	408394	44.817	ng	97
58) Fluorene	10.481	166	1243162	42.639	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	298360	41.234	ng	91
60) Diethylphthalate	10.345	149	1318531	43.765	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	569328	44.293	ng	93
62) 4-Nitroaniline	10.498	138	302244	36.989	ng	96
63) Azobenzene	10.628	77	1315918	42.824	ng	94
65) 4,6-Dinitro-2-methylph...	10.528	198	190633	44.057	ng	86
66) n-Nitrosodiphenylamine	10.586	169	1080740	47.338	ng	97
67) 4-Bromophenyl-phenylether	10.957	248	362320	48.265	ng	93
68) Hexachlorobenzene	11.028	284	381421	46.893	ng	96
69) Atrazine	11.116	200	335600	48.396	ng	99
70) Pentachlorophenol	11.222	266	368589	83.356	ng	99
71) Phenanthrene	11.445	178	1651994	44.145	ng	99
72) Anthracene	11.492	178	1670637	45.429	ng	100
73) Carbazole	11.651	167	1461084	42.206	ng	99
74) Di-n-butylphthalate	11.975	149	1859539	45.106	ng	99
75) Fluoranthene	12.633	202	1489183	39.275	ng	99
77) Benzidine	12.751	184	421690	33.429	ng	99
78) Pyrene	12.863	202	1444104	48.363	ng	98
80) Butylbenzylphthalate	13.474	149	606940	46.862	ng	96
81) Benzo(a)anthracene	14.051	228	1099053	45.058	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	312784	38.838	ng	# 98
83) Chrysene	14.086	228	1037692	45.140	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	819416	48.056	ng	99
85) Di-n-octyl phthalate	14.645	149	1265101	51.559	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	1506497	51.408	ng	99
88) Benzo(b)fluoranthene	15.116	252	1242379	43.040	ng	99
89) Benzo(k)fluoranthene	15.145	252	1156799	40.894	ng	98
90) Benzo(a)pyrene	15.492	252	1122085	47.886	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	1282834	53.785	ng	98
92) Benzo(g,h,i)perylene	17.533	276	1329646	54.556	ng	99

(#) = 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: BF129357.D
Acq: 26 Jul 2022 16:05

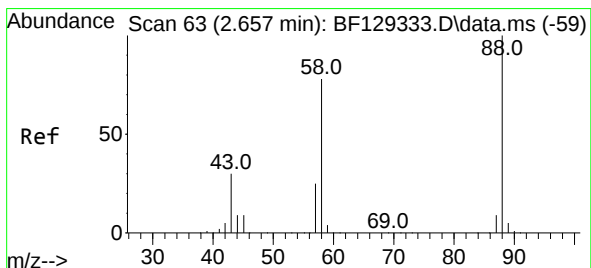
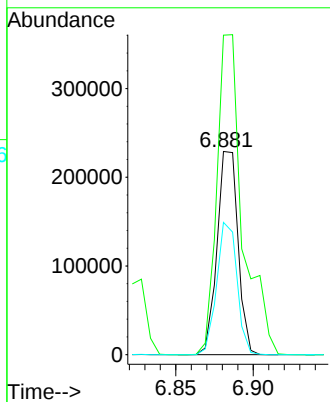
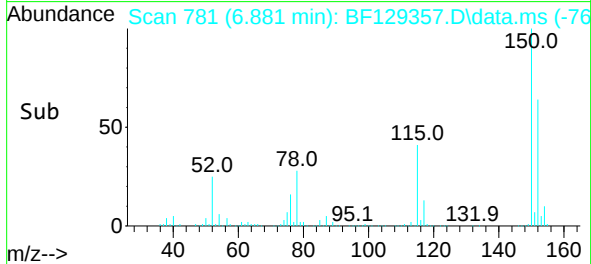
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion:152 Resp: 215560
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 65.1 49.9 74.9

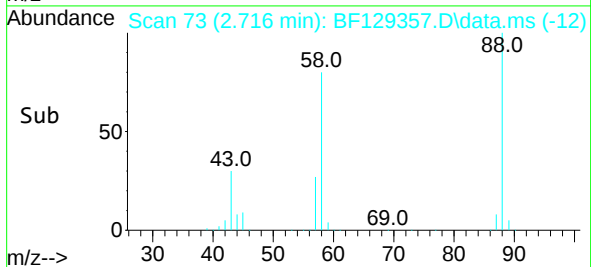
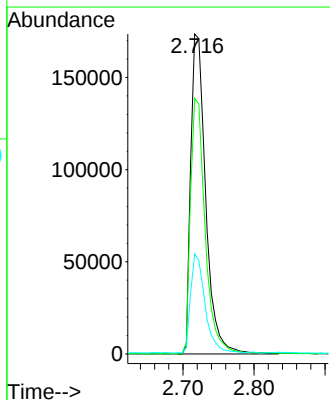
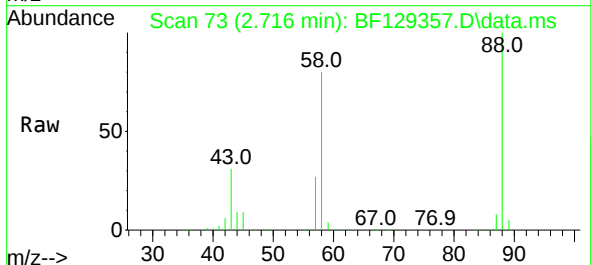
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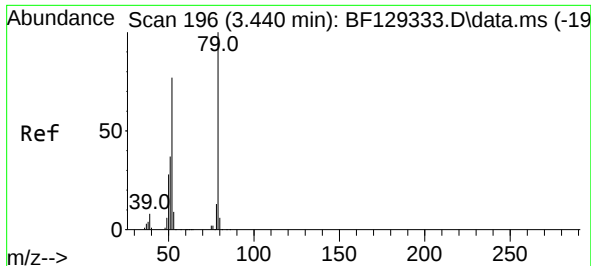
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#2
1,4-Dioxane
Concen: 42.717 ng
RT: 2.716 min Scan# 73
Delta R.T. 0.059 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

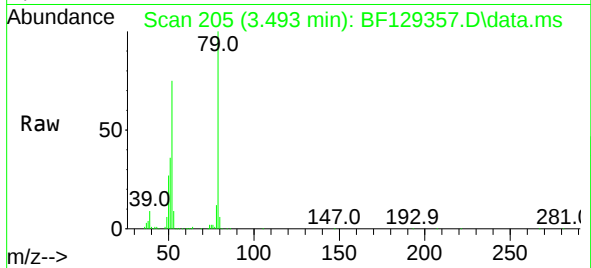
Tgt Ion: 88 Resp: 255035
Ion Ratio Lower Upper
88 100
58 78.4 71.8 107.8
43 29.8 26.6 39.8





#3
Pyridine
Concen: 41.551 ng
RT: 3.493 min Scan# 205
Delta R.T. 0.053 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

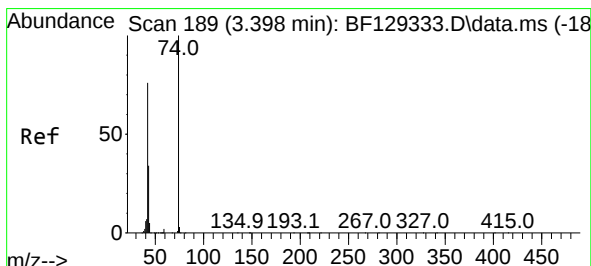
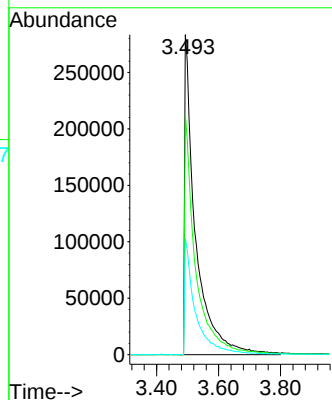
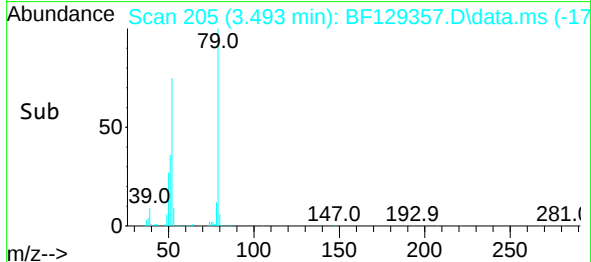
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



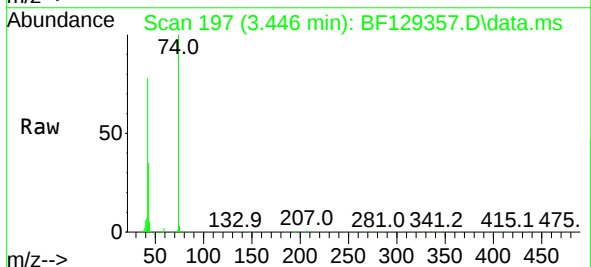
Tgt Ion: 79 Resp: 68891
Ion Ratio Lower Upper
79 100
52 75.2 68.6 102.8
51 36.3 32.9 49.3

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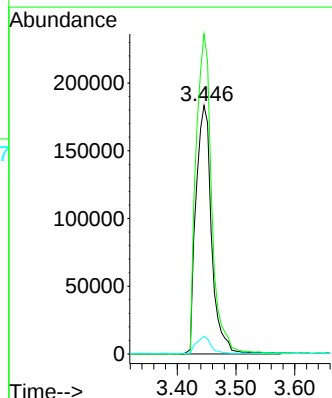
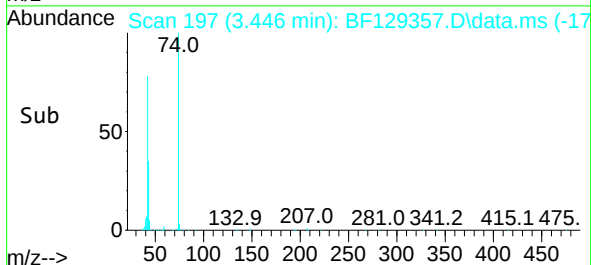
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#4
n-Nitrosodimethylamine
Concen: 46.505 ng
RT: 3.446 min Scan# 197
Delta R.T. 0.047 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



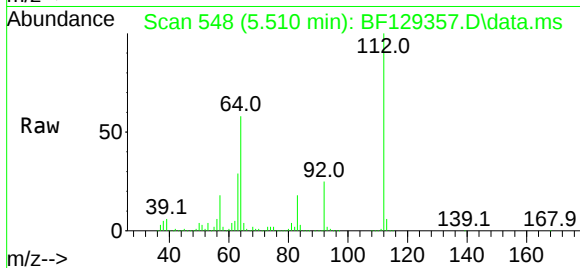
Tgt Ion: 42 Resp: 338584
Ion Ratio Lower Upper
42 100
74 128.7 94.8 142.2
44 7.1 6.6 10.0





#5
2-Fluorophenol
Concen: 98.269 ng
RT: 5.510 min Scan# 546
Delta R.T. 0.012 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

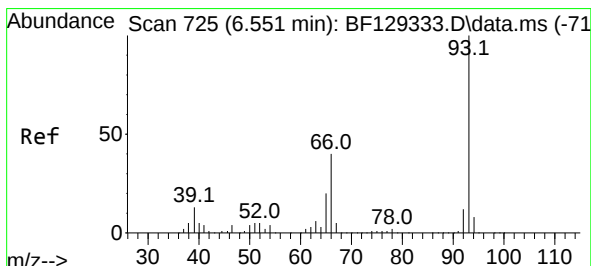
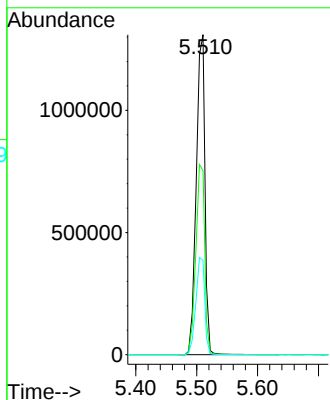
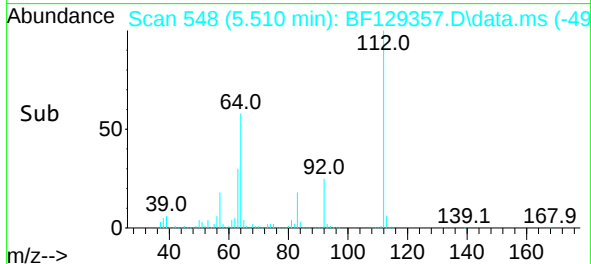
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion:112 Resp: 130036
Ion Ratio Lower Upper
112 100
64 57.5 53.3 79.9
63 29.5 28.0 42.0

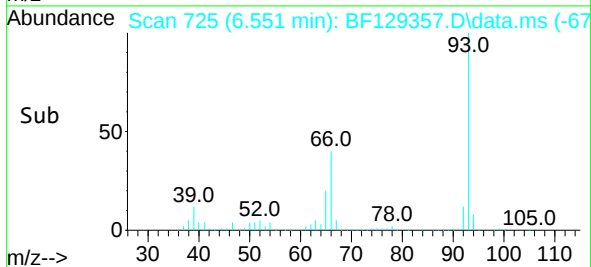
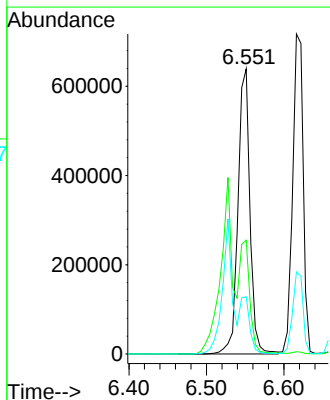
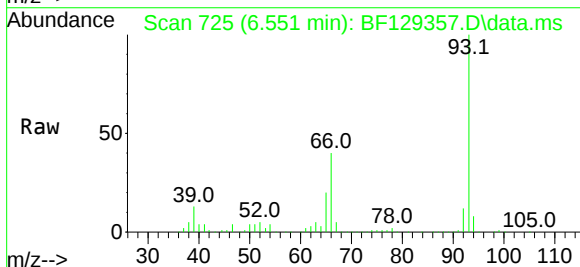
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#6
Aniline
Concen: 33.141 ng
RT: 6.551 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

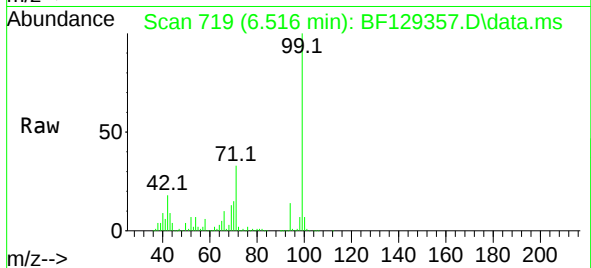
Tgt Ion: 93 Resp: 685271
Ion Ratio Lower Upper
93 100
66 39.9 32.5 48.7
65 20.1 16.4 24.6





#7
Phenol-d6
Concen: 102.929 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

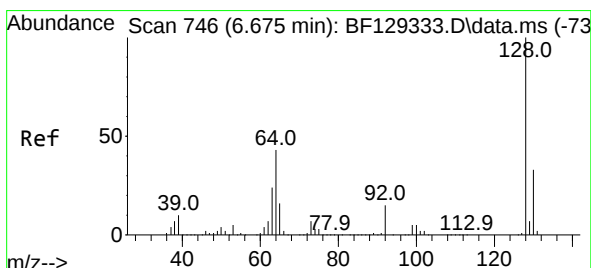
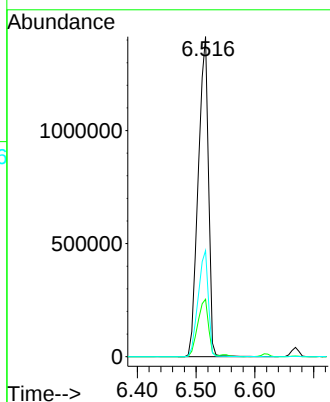
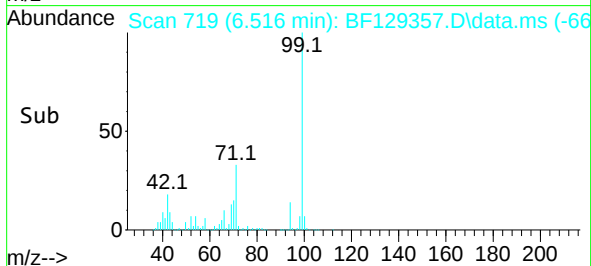
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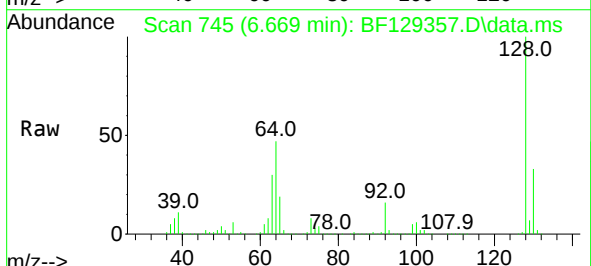
Tgt Ion: 99 Resp: 171198
Ion Ratio Lower Upper
99 100
42 17.9 17.3 25.9
71 33.2 28.9 43.3

Manual Integrations
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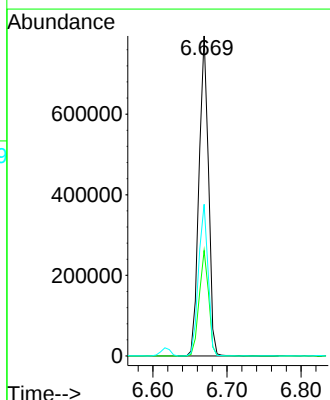
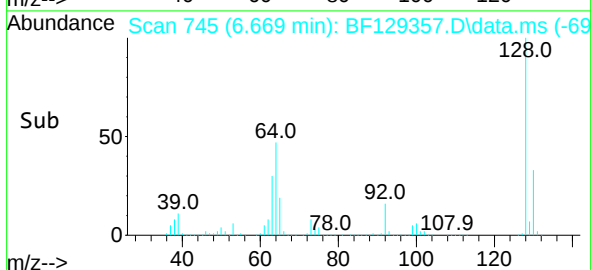
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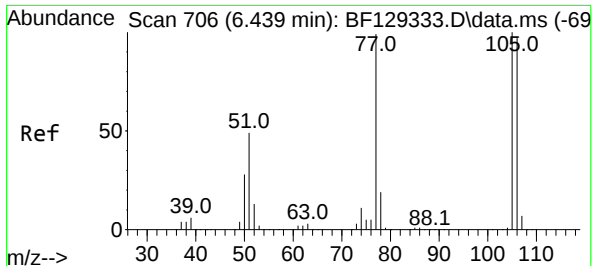


#8
2-Chlorophenol
Concen: 49.046 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



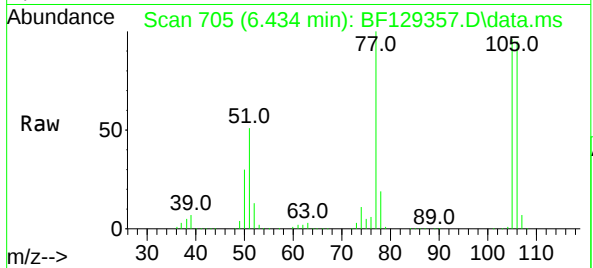
Tgt Ion:128 Resp: 709049
Ion Ratio Lower Upper
128 100
130 32.9 13.1 53.1
64 47.4 30.9 70.9





#9
Benzaldehyde
Concen: 31.456 ng
RT: 6.434 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

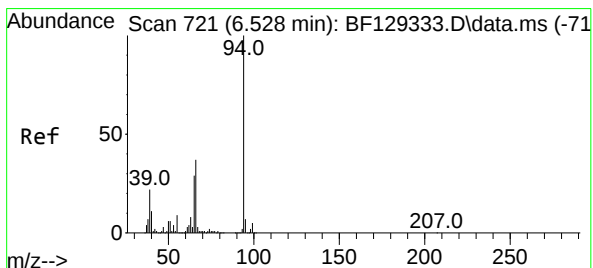
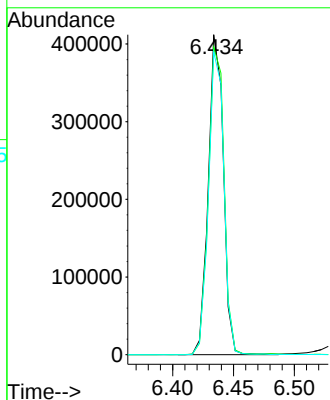
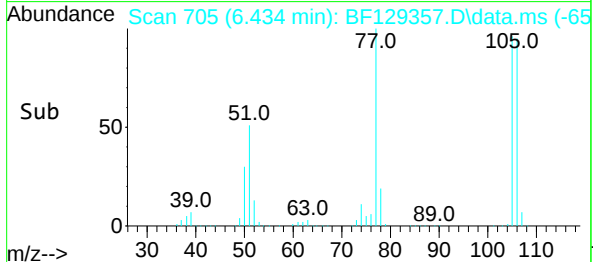
Instrument :
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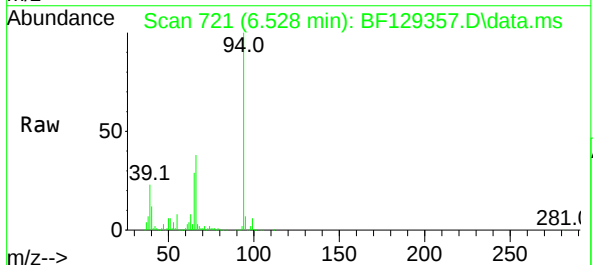
Tgt Ion: 77 Resp: 355300
Ion Ratio Lower Upper
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105 96.1 81.6 121.6
106 94.5 76.1 116.1

Manual Integrations
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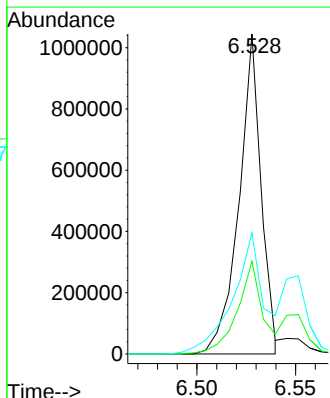
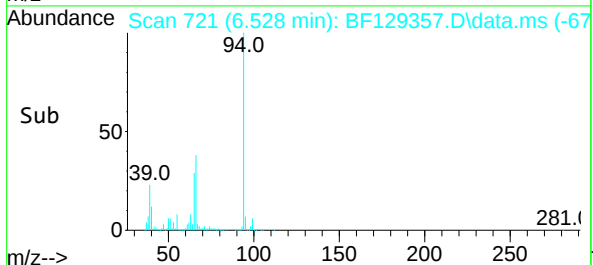
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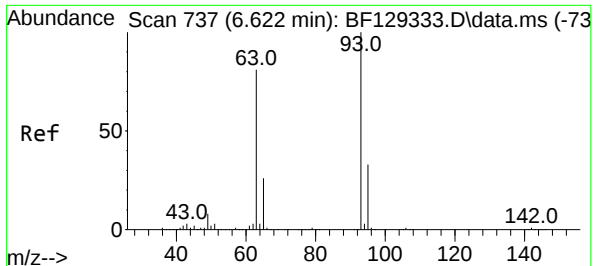


#10
Phenol
Concen: 46.128 ng m
RT: 6.528 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



Tgt Ion: 94 Resp: 817035
Ion Ratio Lower Upper
94 100
65 28.9 11.4 51.4
66 37.9 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 47.897 ng

RT: 6.616 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF129357.D

Acq: 26 Jul 2022 16:05

Instrument :

BNA_F

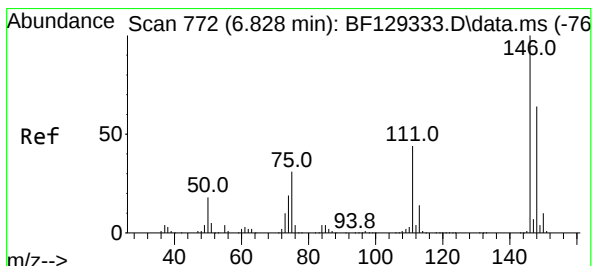
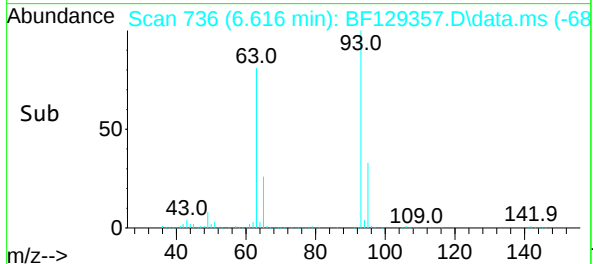
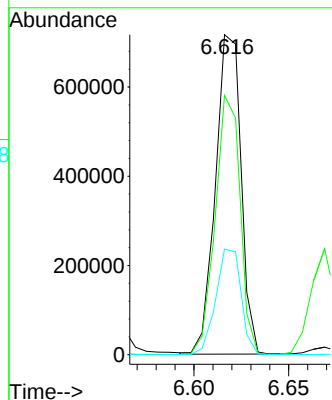
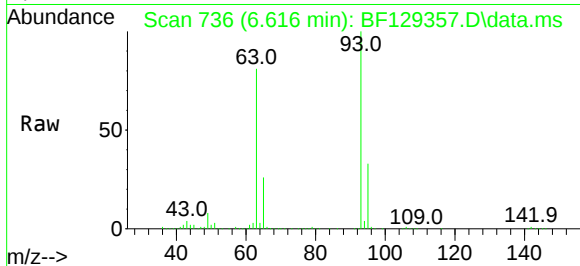
ClientSampleId :

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

Tgt Ion: 93 Resp: 672798
 Ion Ratio Lower Upper
 93 100
 63 81.1 67.4 107.4
 95 33.0 12.7 52.7

Manual Integrations
 APPROVED

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



#12

1,3-Dichlorobenzene

Concen: 46.787 ng

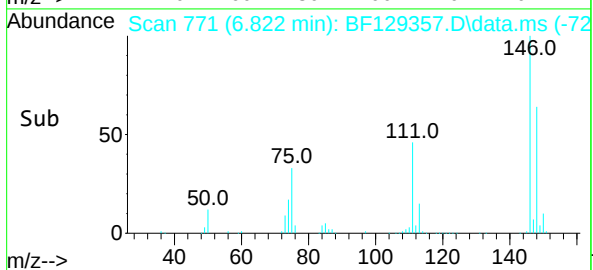
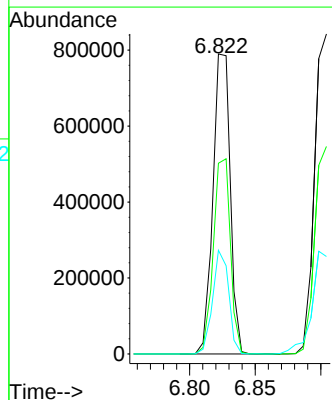
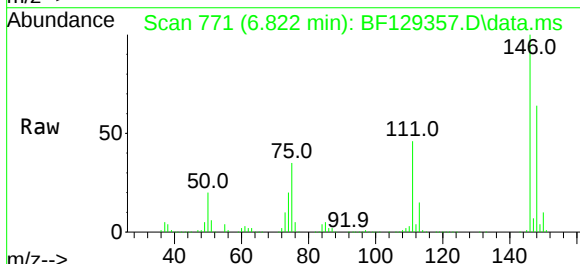
RT: 6.822 min Scan# 771

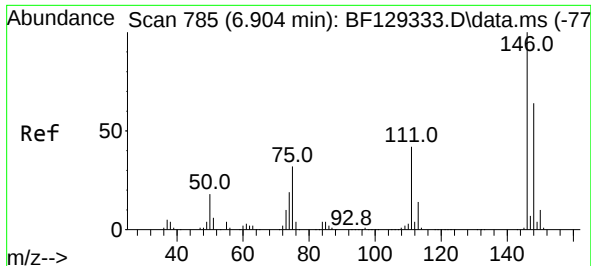
Delta R.T. -0.006 min

Lab File: BF129357.D

Acq: 26 Jul 2022 16:05

Tgt Ion:146 Resp: 725443
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 75 34.6 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 46.459 ng

RT: 6.904 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF129357.D

Acq: 26 Jul 2022 16:05

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion:146 Resp: 732604

Ion Ratio Lower Upper

146 100

148 64.9 51.1 76.7

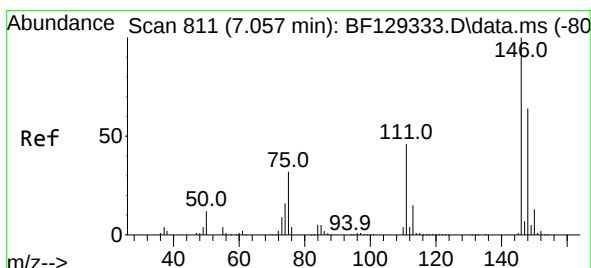
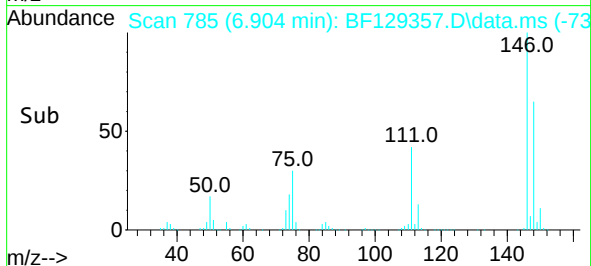
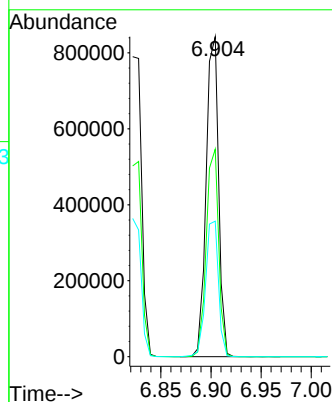
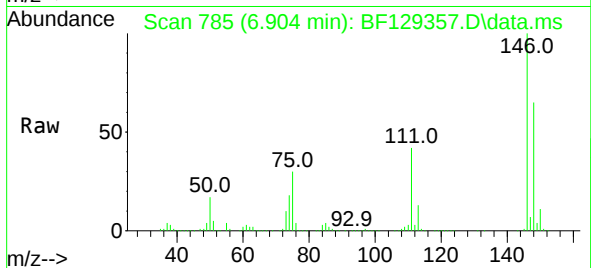
111 42.4 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#14

1,2-Dichlorobenzene

Concen: 48.627 ng

RT: 7.051 min Scan# 810

Delta R.T. -0.006 min

Lab File: BF129357.D

Acq: 26 Jul 2022 16:05

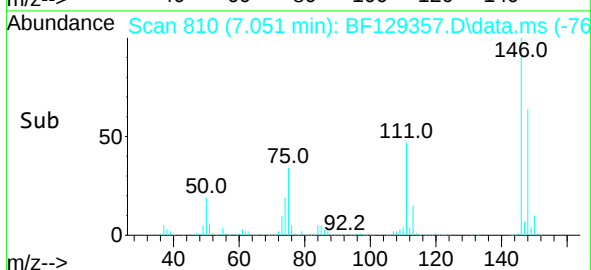
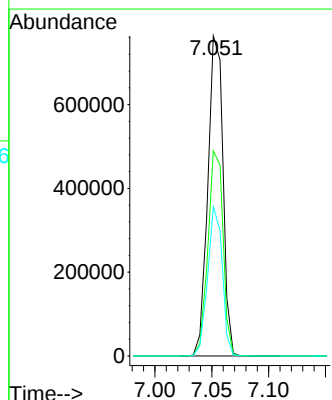
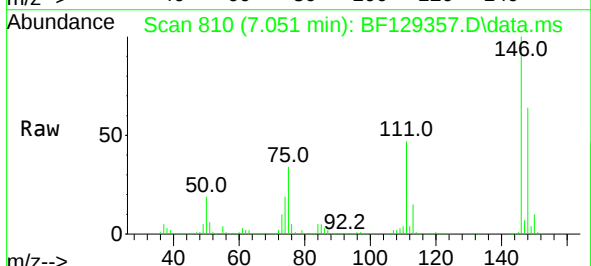
Tgt Ion:146 Resp: 704815

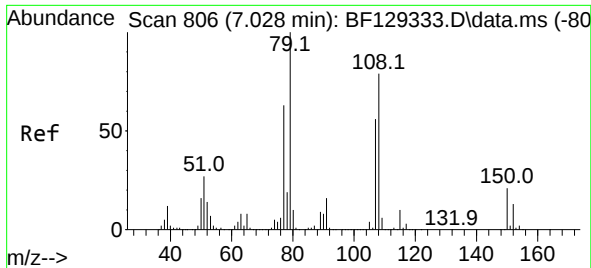
Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

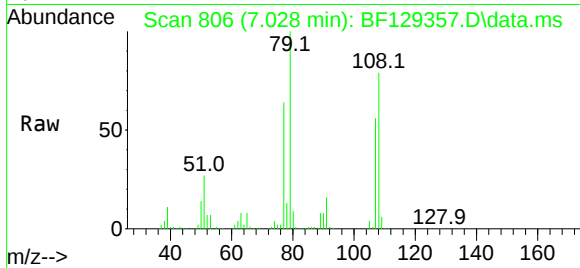
111 46.6 35.1 52.7





#15
Benzyl Alcohol
Concen: 48.191 ng
RT: 7.028 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

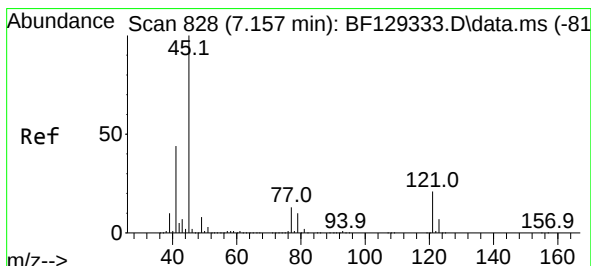
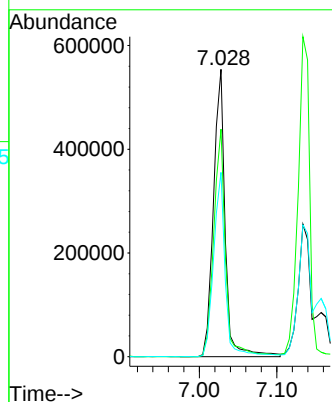
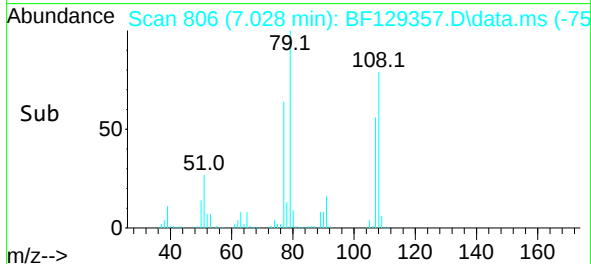
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



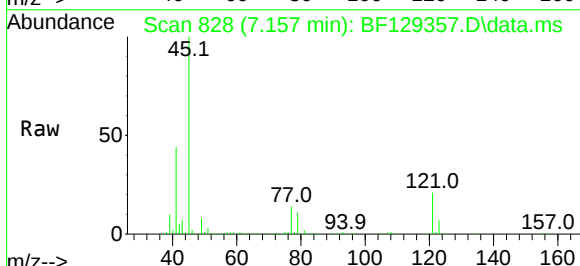
Tgt Ion: 79 Resp: 58132
Ion Ratio Lower Upper
79 100
108 79.2 61.8 92.6
77 64.1 50.2 75.4

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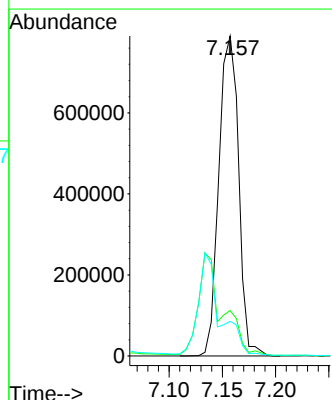
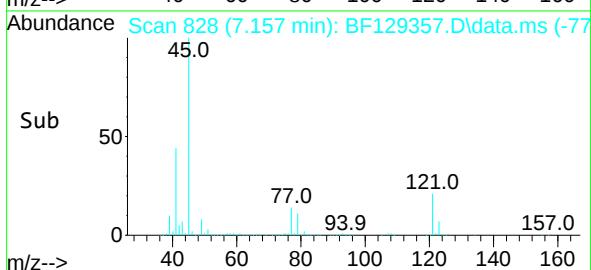
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

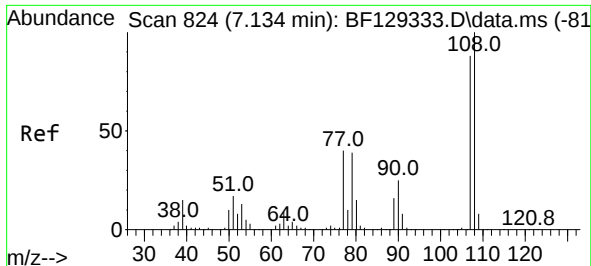


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.051 ng
RT: 7.157 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



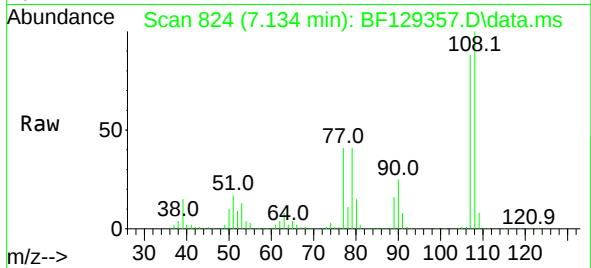
Tgt Ion: 45 Resp: 1014585
Ion Ratio Lower Upper
45 100
77 14.2 0.0 31.3
79 10.8 0.0 28.3





#17
2-Methylphenol
Concen: 46.171 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

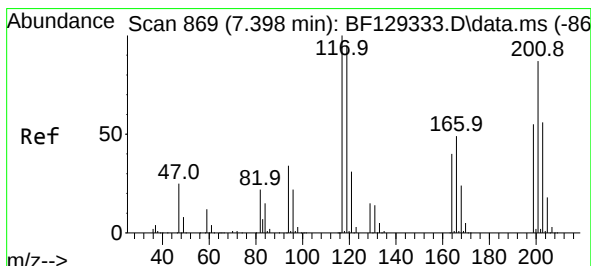
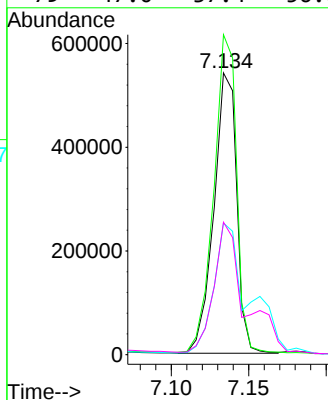
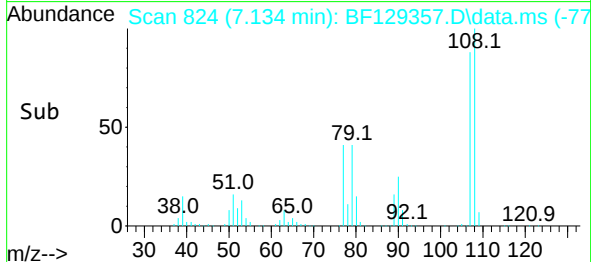
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



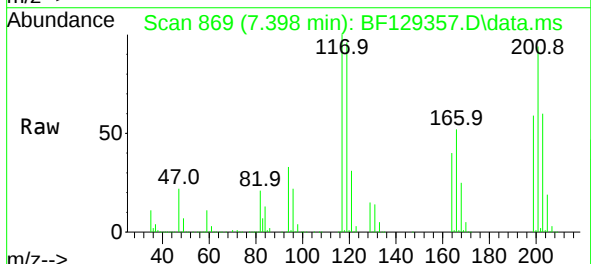
Tgt Ion:107 Resp: 55375
Ion Ratio Lower Upper
107 100
108 113.6 91.9 137.9
77 46.7 37.8 56.8
79 47.0 37.4 56.0

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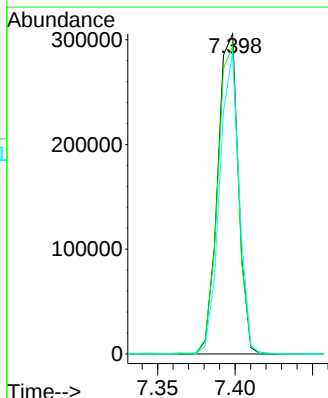
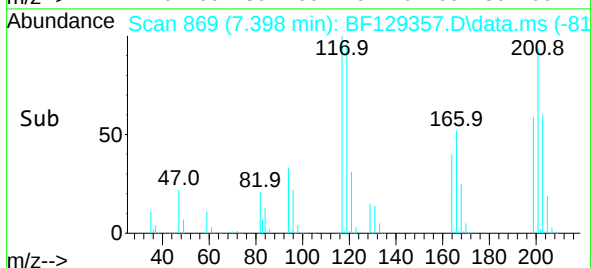
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

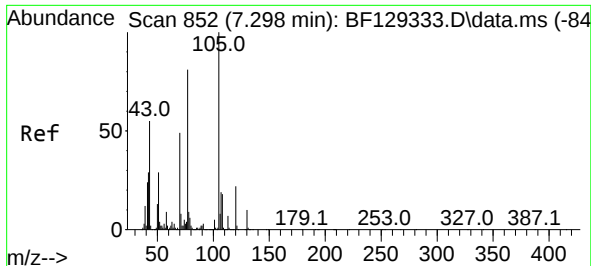


#18
Hexachloroethane
Concen: 47.710 ng
RT: 7.398 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



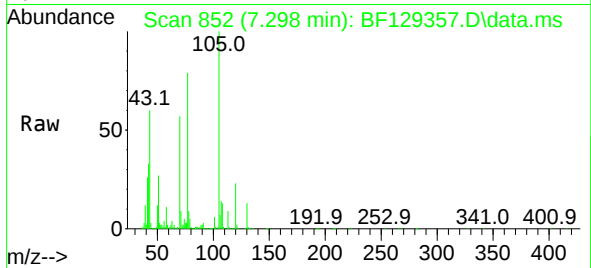
Tgt Ion:117 Resp: 283285
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.2
201 94.3 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 46.185 ng
RT: 7.298 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

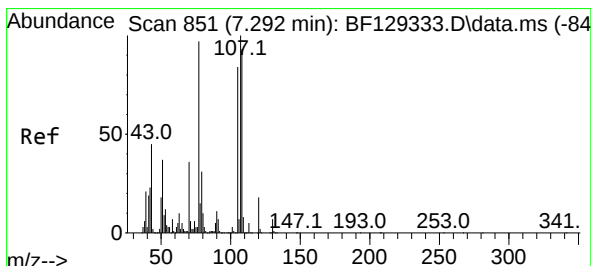
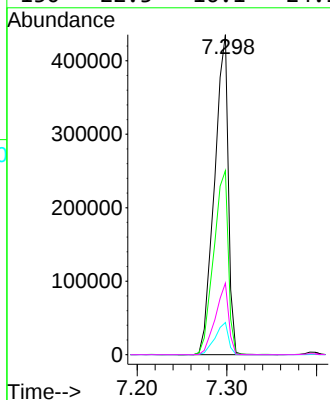
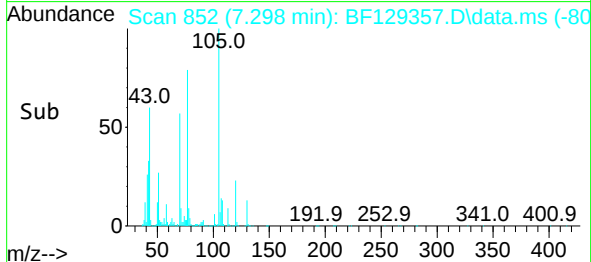
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



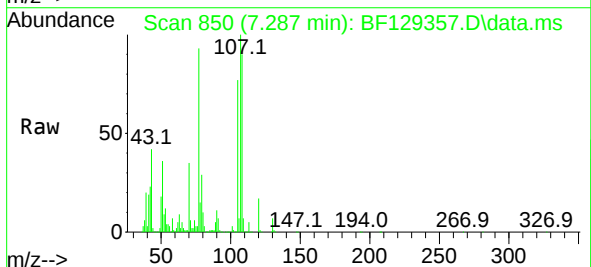
Tgt Ion: 70 Resp: 465054
Ion Ratio Lower Upper
70 100
42 57.5 52.3 78.5
101 10.1 7.5 11.3
130 22.3 16.1 24.1

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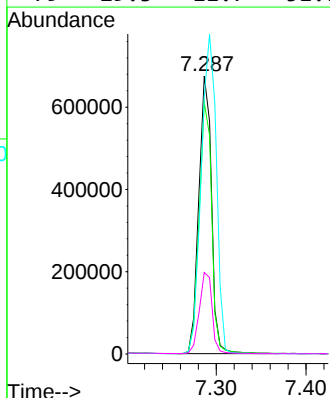
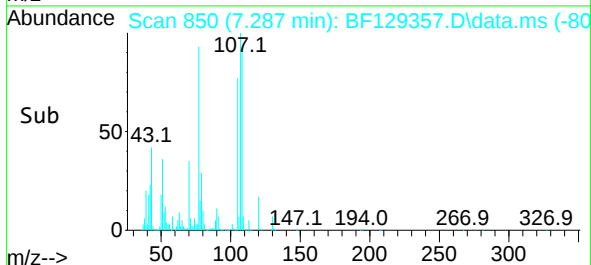
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#20
3+4-Methylphenols
Concen: 43.531 ng
RT: 7.287 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



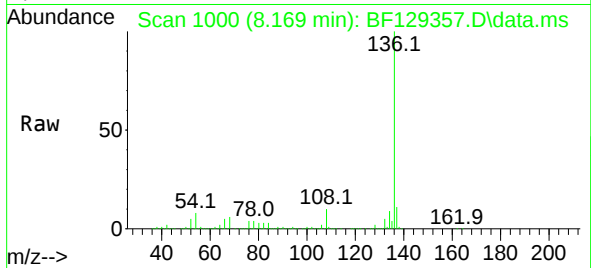
Tgt Ion:107 Resp: 663818
Ion Ratio Lower Upper
107 100
108 90.4 71.8 111.8
77 92.7 59.3 99.3
79 29.3 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

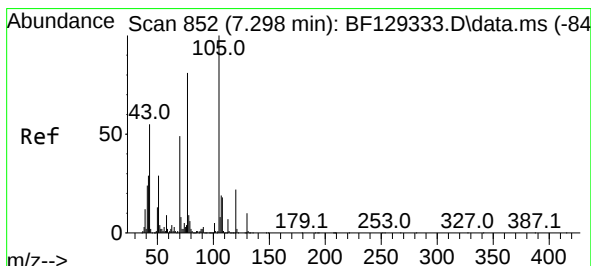
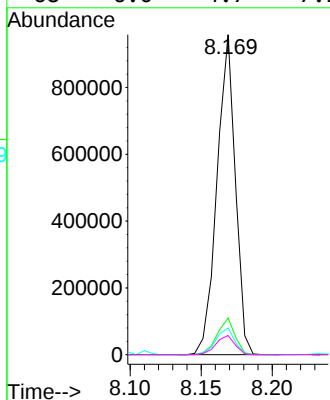
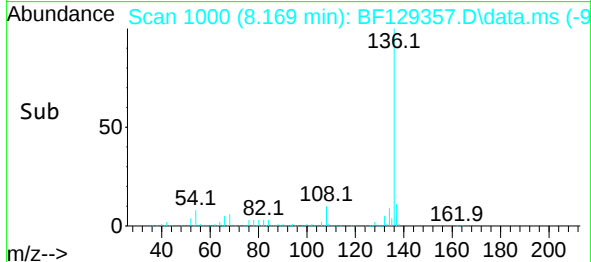
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion:136 Resp: 859611
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.4 7.5 11.3
68 6.0 4.7 7.1

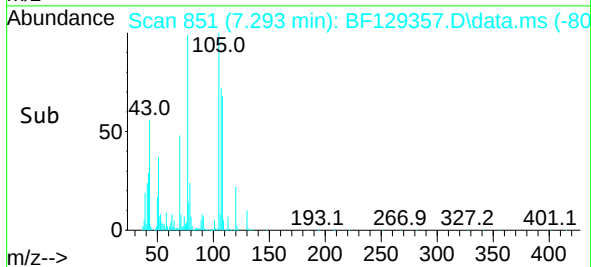
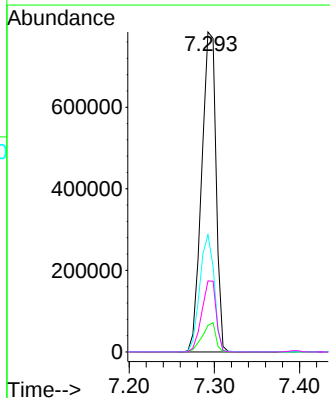
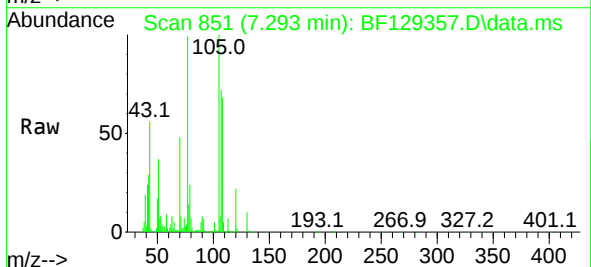
Manual Integrations
APPROVED

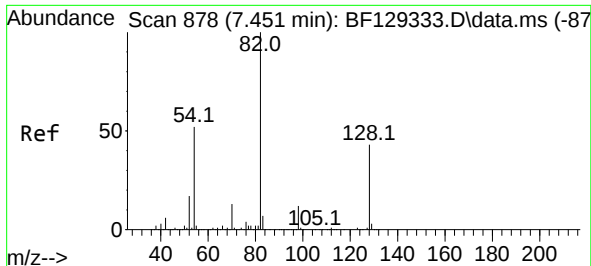
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#22
Acetophenone
Concen: 45.969 ng
RT: 7.293 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

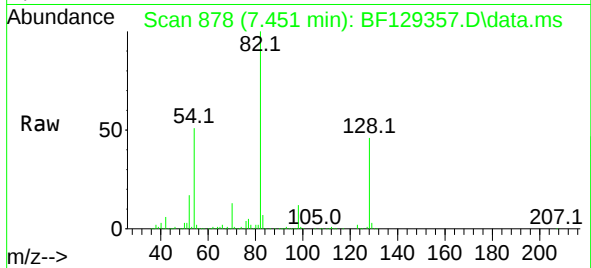
Tgt Ion:105 Resp: 920007
Ion Ratio Lower Upper
105 100
71 8.3 5.0 7.4#
51 36.6 25.0 37.4
120 22.2 17.8 26.8





#23
Nitrobenzene-d5
Concen: 64.163 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

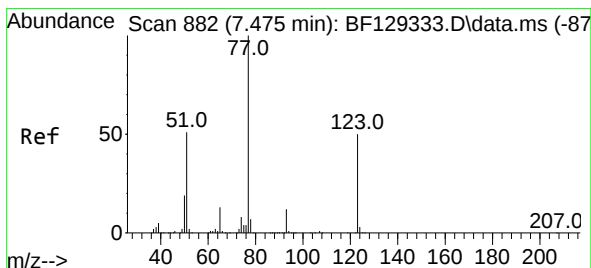
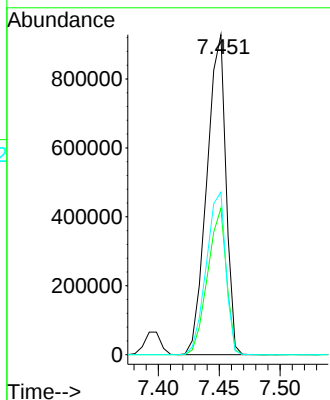
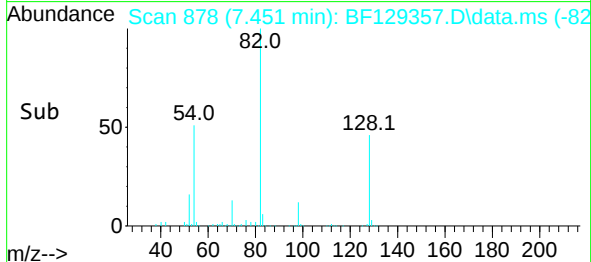
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



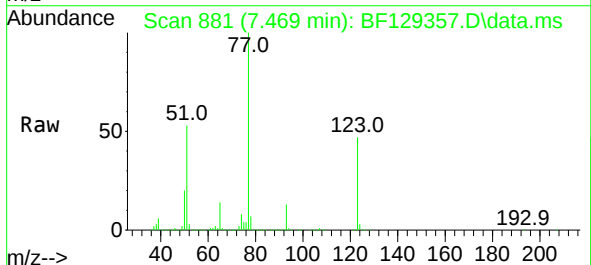
Tgt Ion: 82 Resp: 1010380
Ion Ratio Lower Upper
82 100
128 45.8 34.0 51.0
54 50.8 46.9 70.3

Manual Integrations
APPROVED

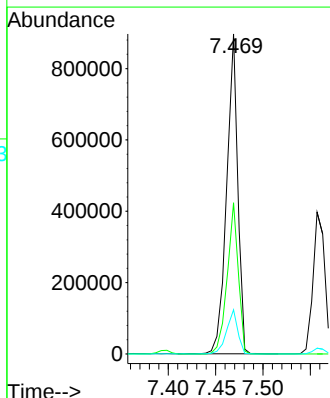
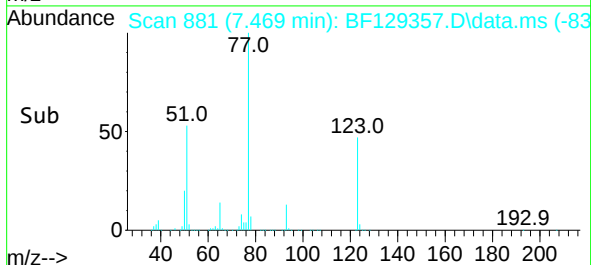
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

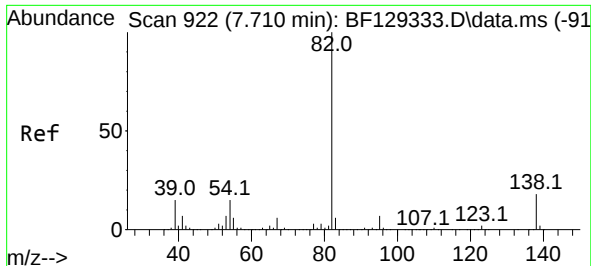


#24
Nitrobenzene
Concen: 45.114 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



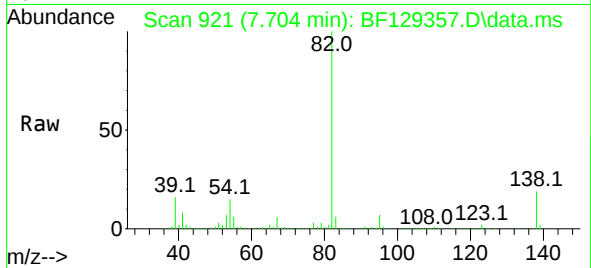
Tgt Ion: 77 Resp: 731555
Ion Ratio Lower Upper
77 100
123 47.3 35.4 53.2
65 13.8 11.8 17.8





#25
Isophorone
Concen: 47.351 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

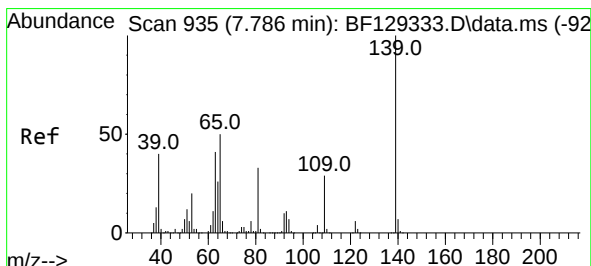
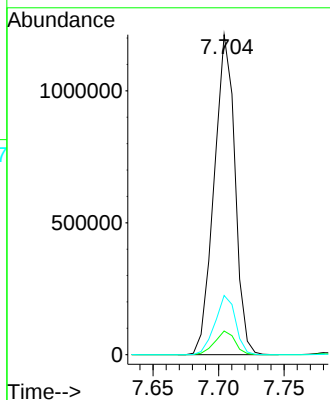
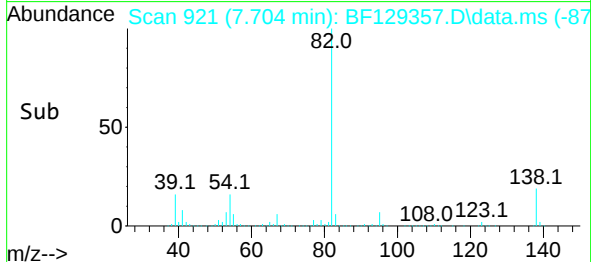
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion: 82 Resp: 1336570
Ion Ratio Lower Upper
82 100
95 7.4 5.7 8.5
138 18.5 14.2 21.2

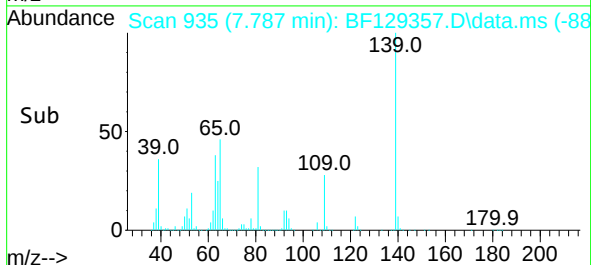
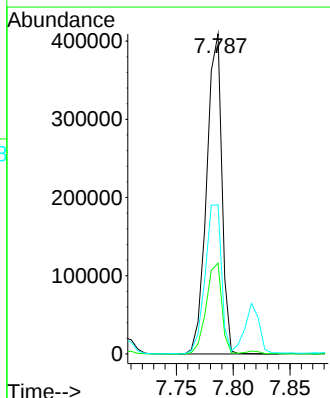
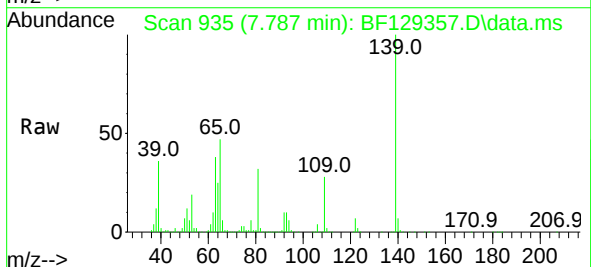
Manual Integrations
APPROVED

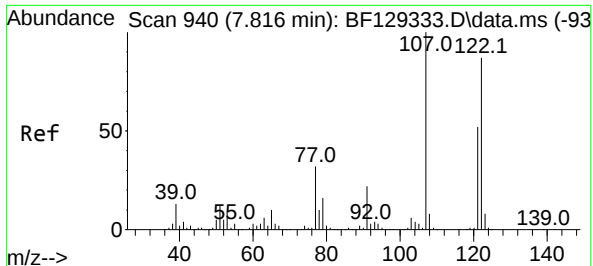
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#26
2-Nitrophenol
Concen: 47.614 ng
RT: 7.787 min Scan# 935
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

Tgt Ion:139 Resp: 380894
Ion Ratio Lower Upper
139 100
109 28.4 25.0 37.4
65 46.6 45.1 67.7





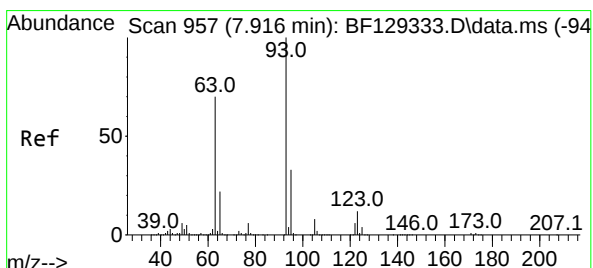
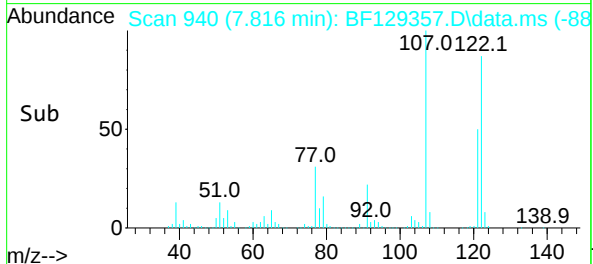
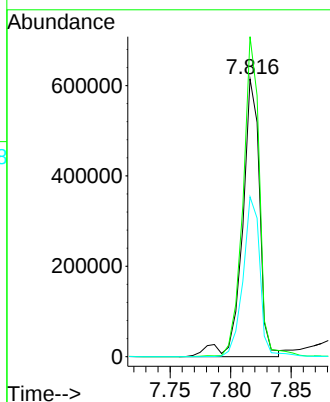
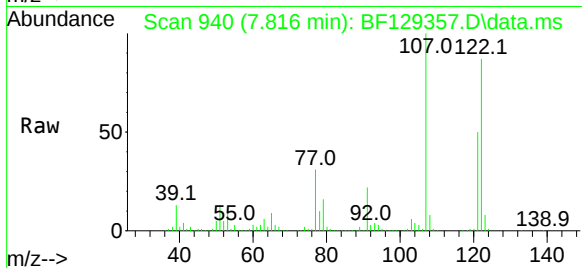
#27
2,4-Dimethylphenol
Concen: 50.475 ng m
RT: 7.816 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

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

Tgt Ion:122 Resp: 60568
Ion Ratio Lower Upper
122 100
107 115.2 93.0 139.6
121 57.5 46.6 70.0

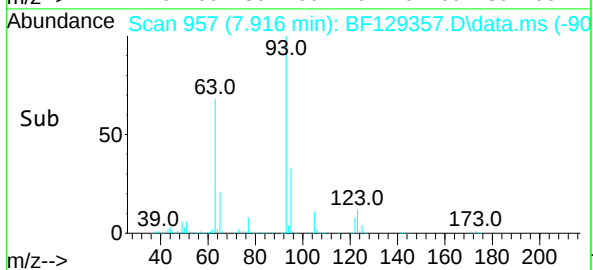
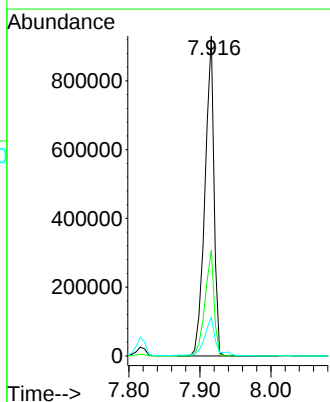
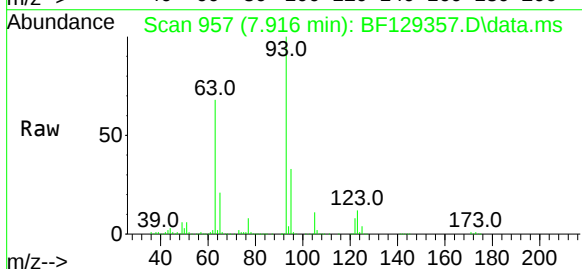
Manual Integrations
APPROVED

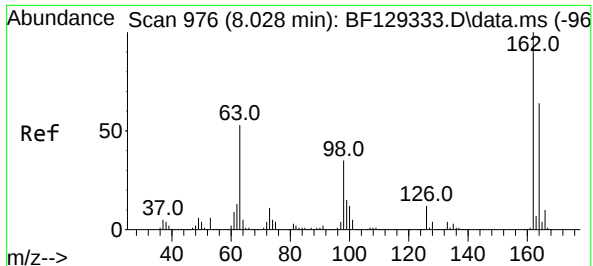
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#28
bis(2-Chloroethoxy)methane
Concen: 50.501 ng
RT: 7.916 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

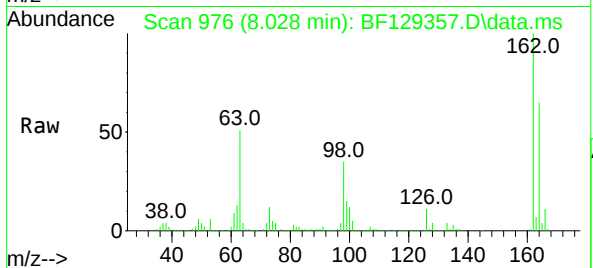
Tgt Ion: 93 Resp: 826926
Ion Ratio Lower Upper
93 100
95 33.0 26.8 40.2
123 12.1 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 45.858 ng
RT: 8.028 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

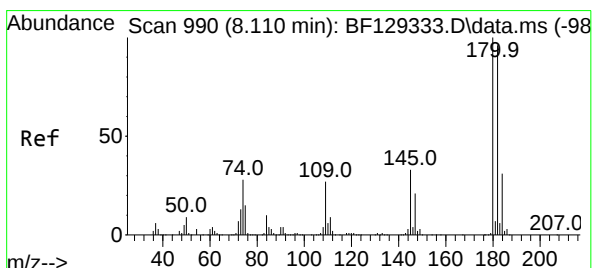
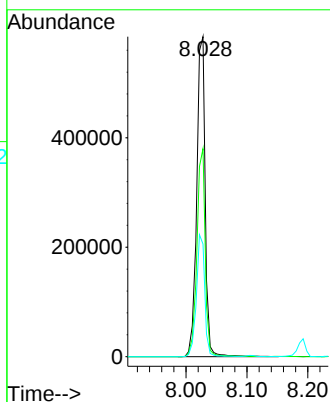
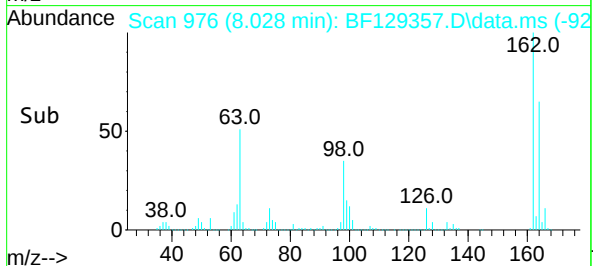
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



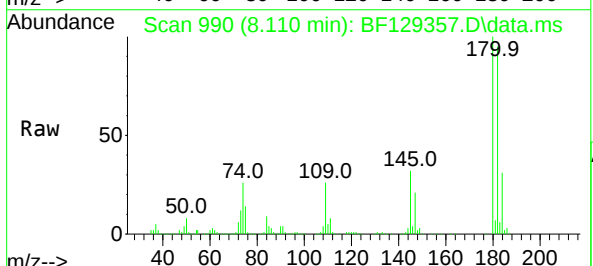
Tgt Ion:162 Resp: 56796
Ion Ratio Lower Upper
162 100
164 65.0 44.2 84.2
98 35.2 19.6 59.6

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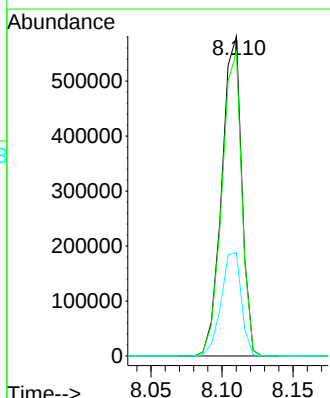
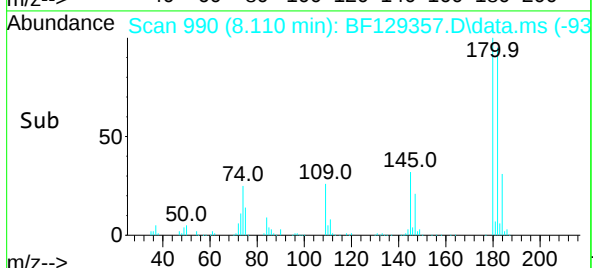
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

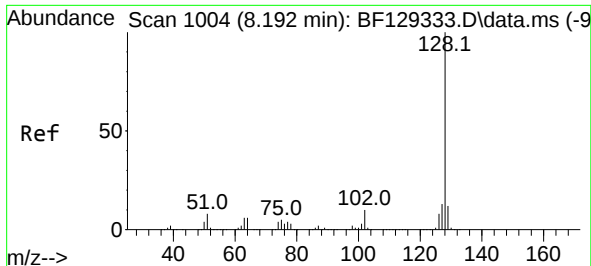


#30
1,2,4-Trichlorobenzene
Concen: 44.222 ng
RT: 8.110 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



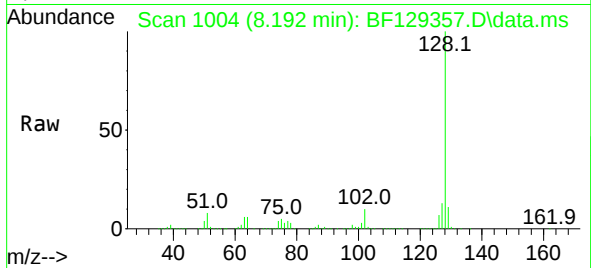
Tgt Ion:180 Resp: 566921
Ion Ratio Lower Upper
180 100
182 94.9 79.2 118.8
145 32.3 26.2 39.2





#31
Naphthalene
Concen: 44.282 ng
RT: 8.192 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

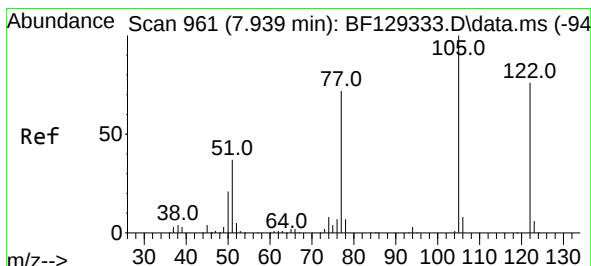
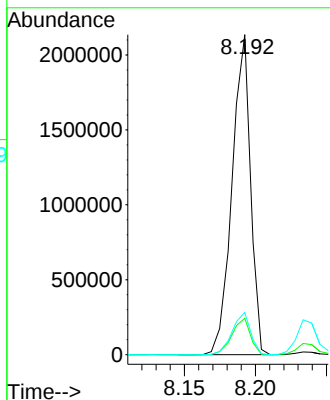
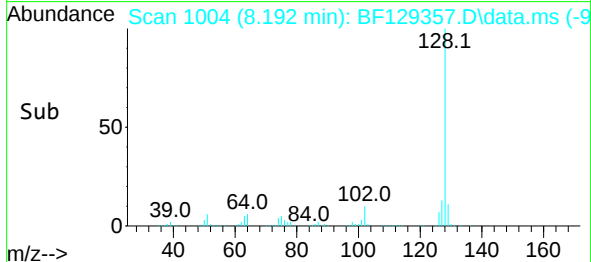
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion:128 Resp: 193395
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.2 10.5 15.7

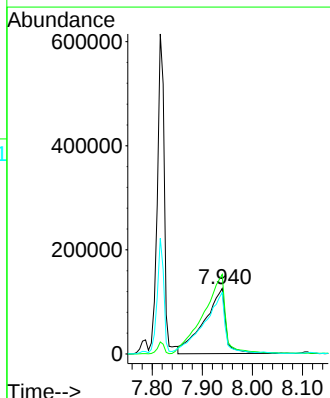
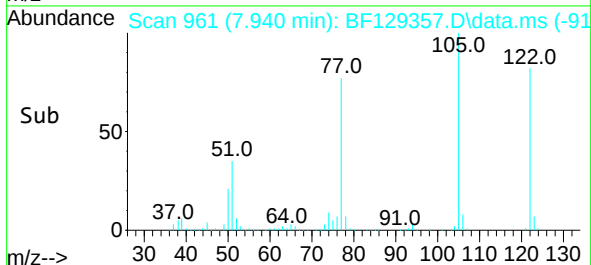
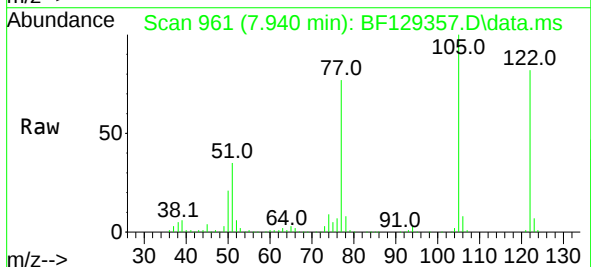
Manual Integrations
APPROVED

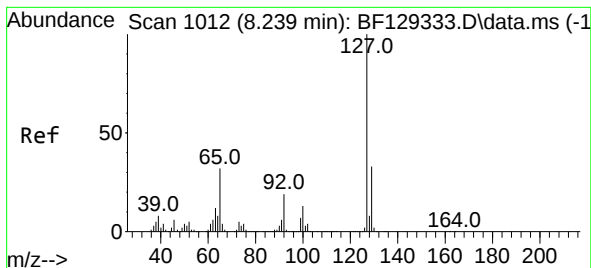
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#32
Benzoic acid
Concen: 43.206 ng
RT: 7.940 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

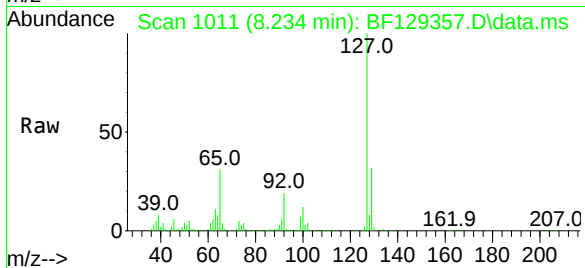
Tgt Ion:122 Resp: 374809
Ion Ratio Lower Upper
122 100
105 121.5 107.1 147.1
77 94.0 74.2 114.2





#33
4-Chloroaniline
Concen: 14.705 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

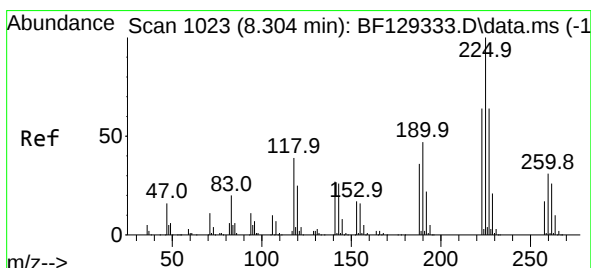
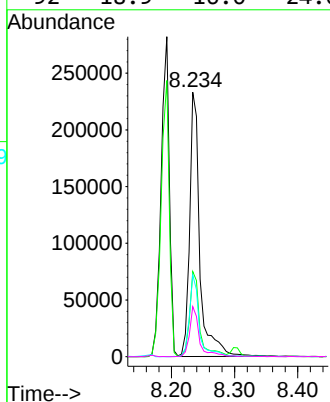
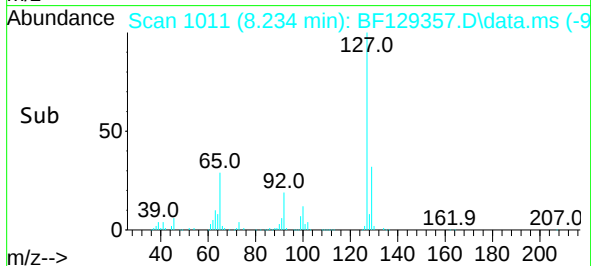
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



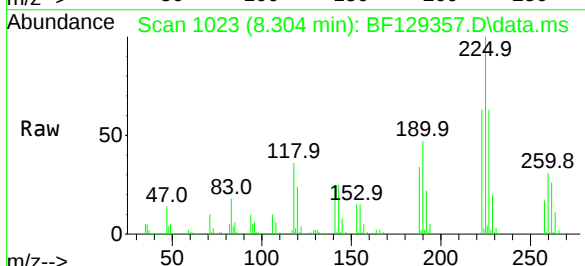
Tgt Ion:127 Resp: 263674
Ion Ratio Lower Upper
127 100
129 32.2 26.4 39.6
65 30.9 26.4 39.6
92 18.9 16.0 24.0

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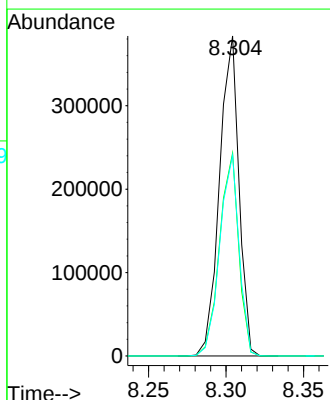
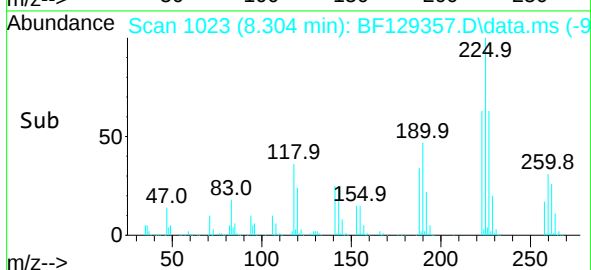
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

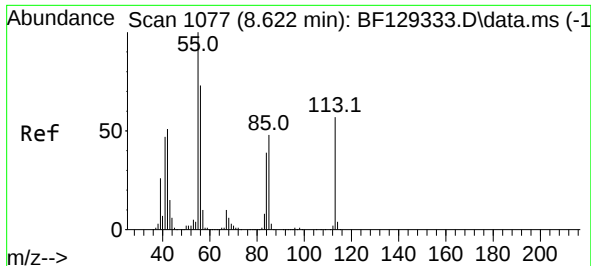


#34
Hexachlorobutadiene
Concen: 45.836 ng
RT: 8.304 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



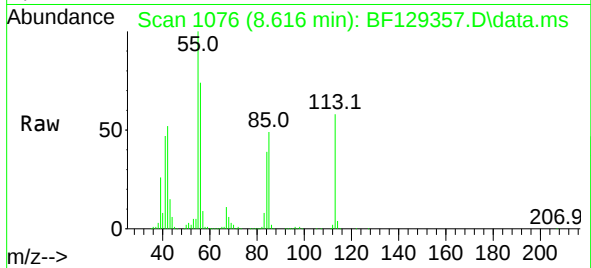
Tgt Ion:225 Resp: 334018
Ion Ratio Lower Upper
225 100
223 63.4 51.0 76.6
227 62.8 51.1 76.7





#35
Caprolactam
Concen: 45.128 ng m
RT: 8.616 min Scan# 1076
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

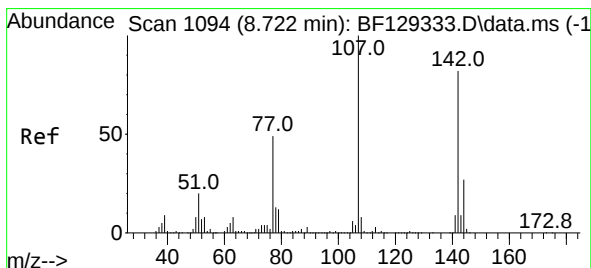
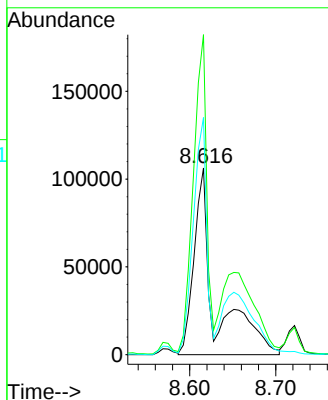
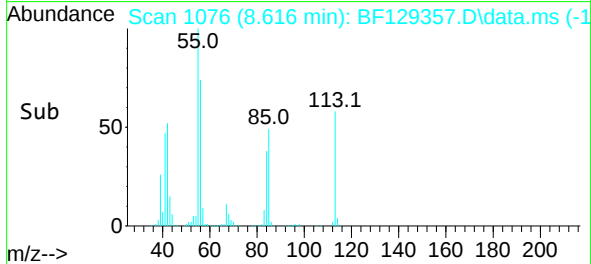
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion:113 Resp: 18171
Ion Ratio Lower Upper
113 100
55 171.3 188.5 228.5
56 127.0 130.6 170.6

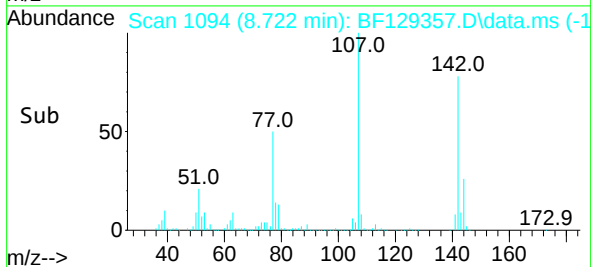
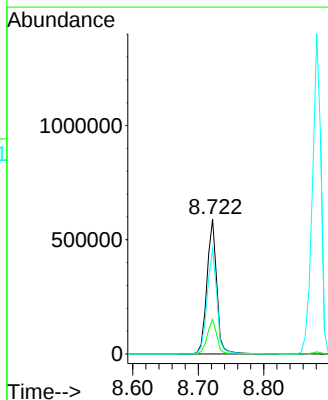
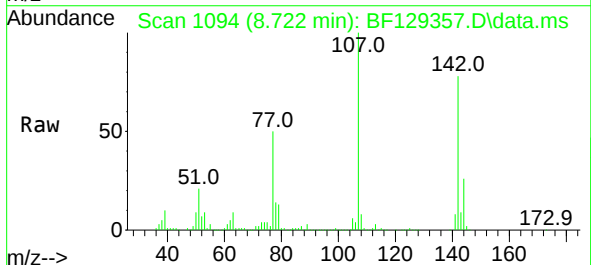
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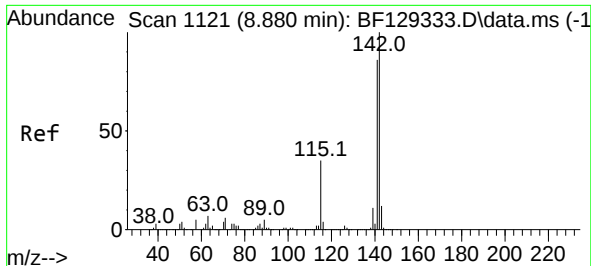
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#36
4-Chloro-3-methylphenol
Concen: 46.748 ng
RT: 8.722 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

Tgt Ion:107 Resp: 614080
Ion Ratio Lower Upper
107 100
144 25.5 19.5 29.3
142 77.7 58.2 87.4





#37

2-Methylnaphthalene

Concen: 44.950 ng

RT: 8.881 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF129357.D

Acq: 26 Jul 2022 16:05

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion:142 Resp: 127574

Ion Ratio Lower Upper

142 100

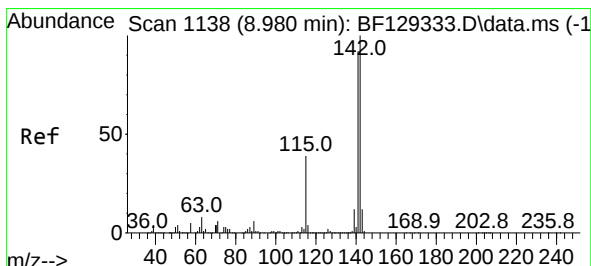
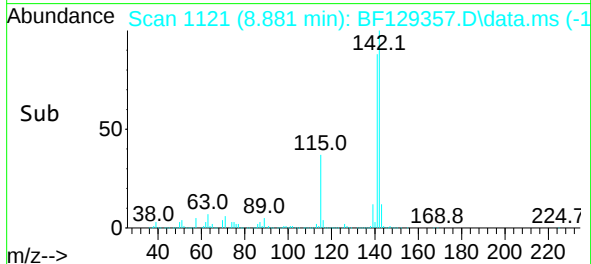
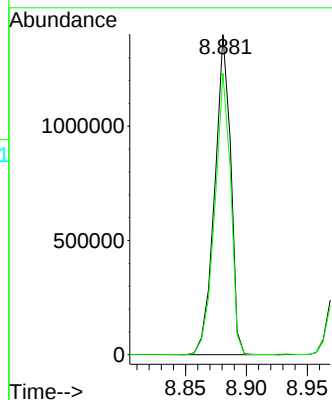
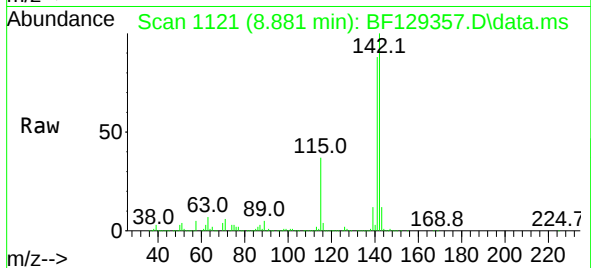
141 87.9 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#38

1-Methylnaphthalene

Concen: 44.079 ng

RT: 8.981 min Scan# 1138

Delta R.T. 0.000 min

Lab File: BF129357.D

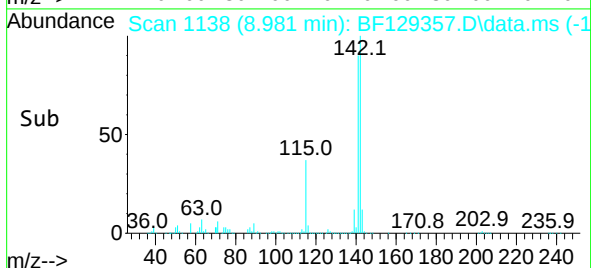
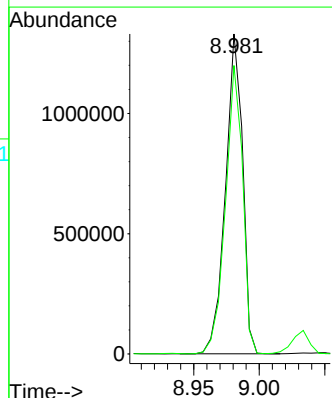
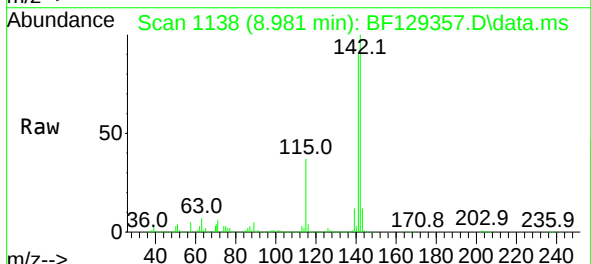
Acq: 26 Jul 2022 16:05

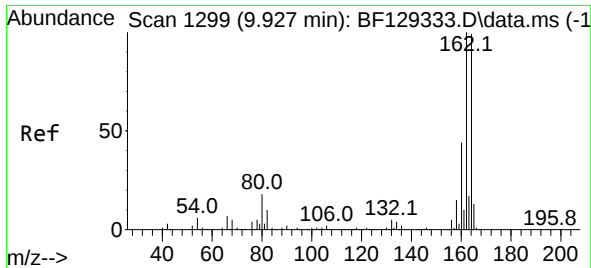
Tgt Ion:142 Resp: 1207689

Ion Ratio Lower Upper

142 100

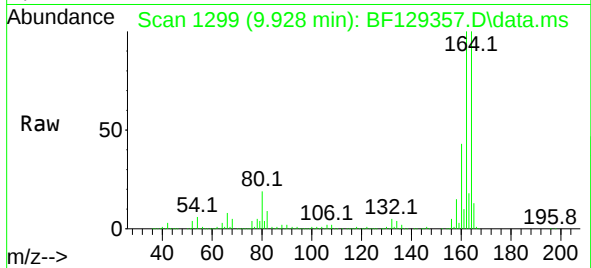
141 90.2 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

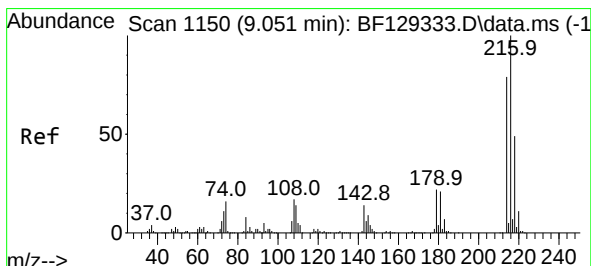
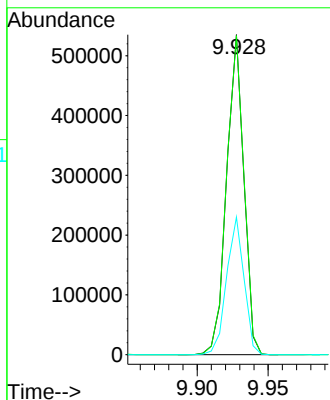
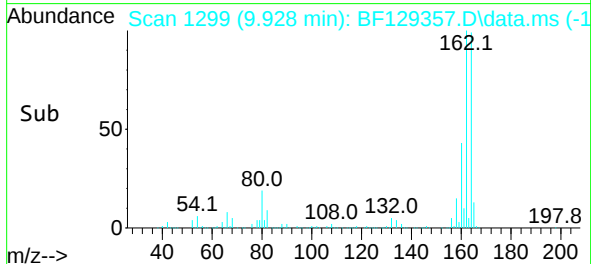
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



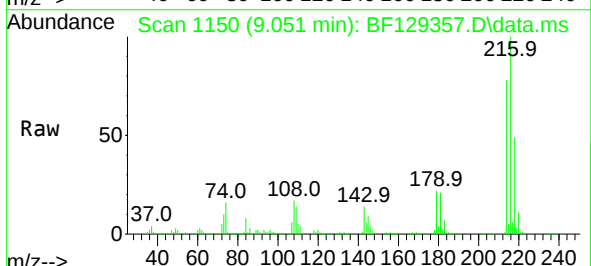
Tgt Ion:164 Resp: 45145
Ion Ratio Lower Upper
164 100
162 99.7 79.5 119.3
160 43.0 34.2 51.4

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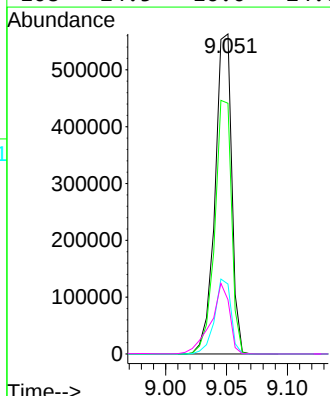
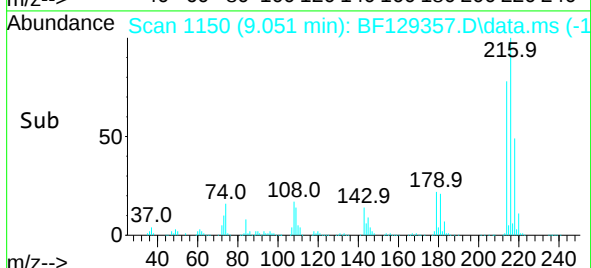
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.507 ng
RT: 9.051 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



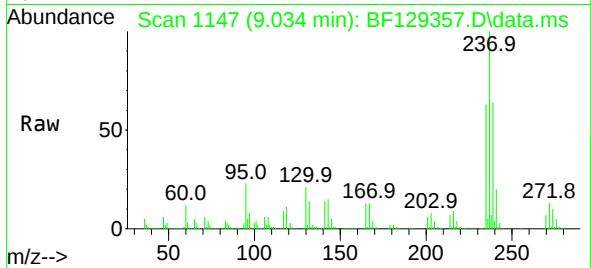
Tgt Ion:216 Resp: 539455
Ion Ratio Lower Upper
216 100
214 79.4 63.6 95.4
179 22.9 17.0 25.6
108 24.5 16.0 24.0#





#41
Hexachlorocyclopentadiene
Concen: 117.002 ng
RT: 9.034 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

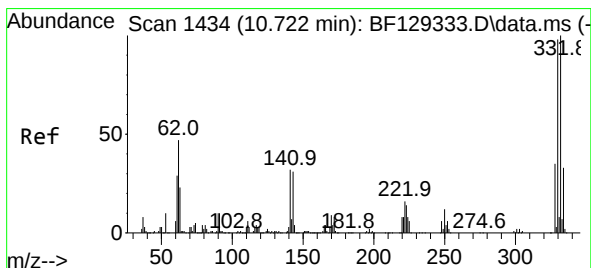
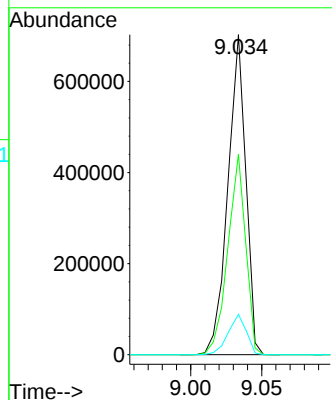
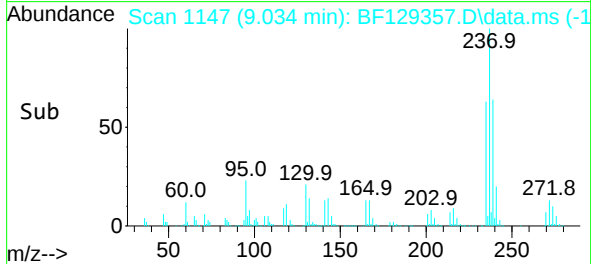
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



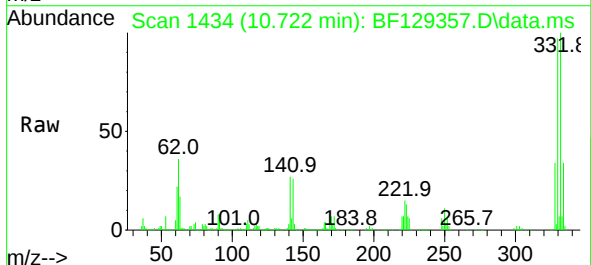
Tgt Ion:237 Resp: 617600
Ion Ratio Lower Upper
237 100
235 62.6 43.2 83.2
272 12.6 0.0 31.9

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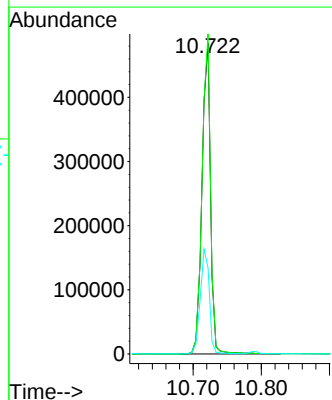
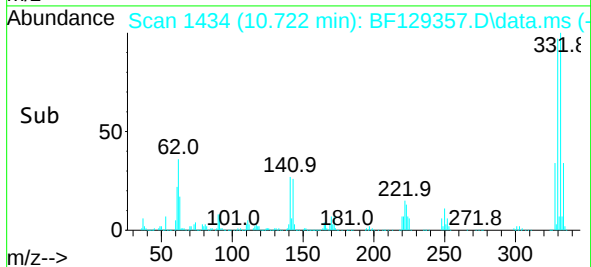
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

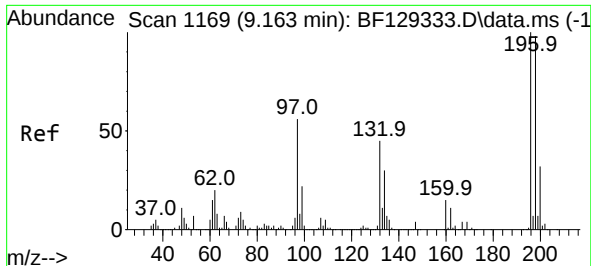


#42
2,4,6-Tribromophenol
Concen: 97.460 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



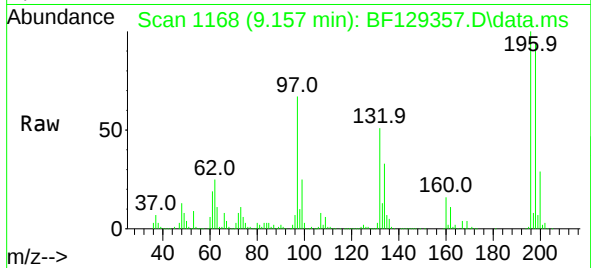
Tgt Ion:330 Resp: 423017
Ion Ratio Lower Upper
330 100
332 101.7 76.8 115.2
141 35.6 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 44.912 ng
RT: 9.157 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

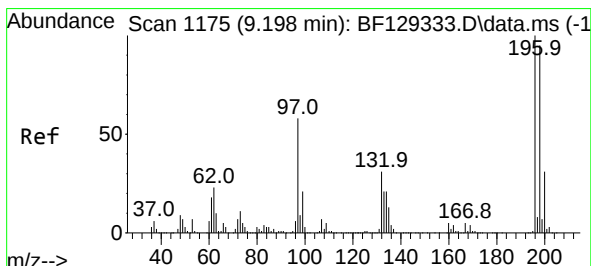
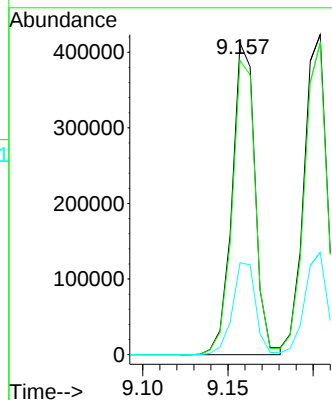
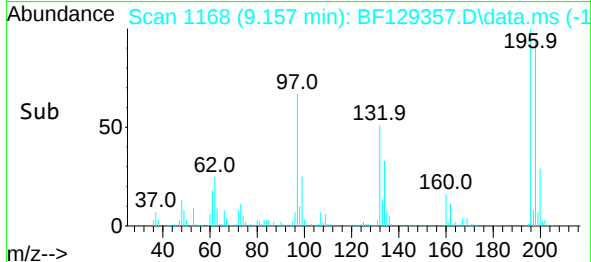
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



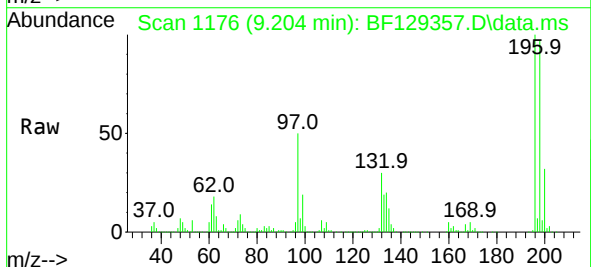
Tgt Ion:196 Resp: 386684
Ion Ratio Lower Upper
196 100
198 94.3 74.0 111.0
200 29.5 24.1 36.1

Manual Integrations
APPROVED

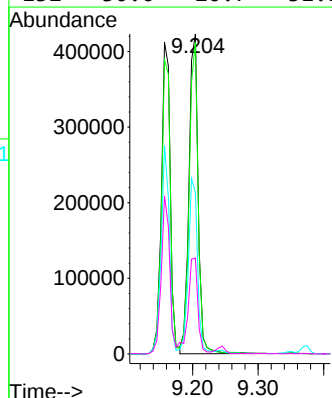
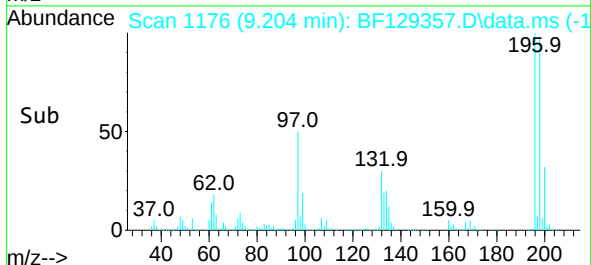
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

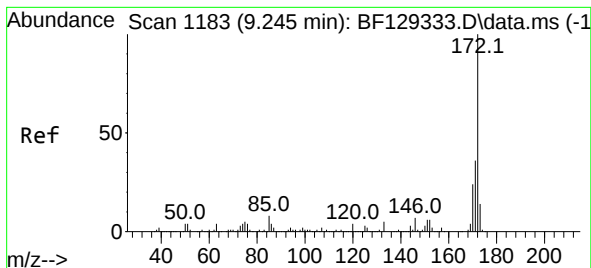


#44
2,4,5-Trichlorophenol
Concen: 43.802 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



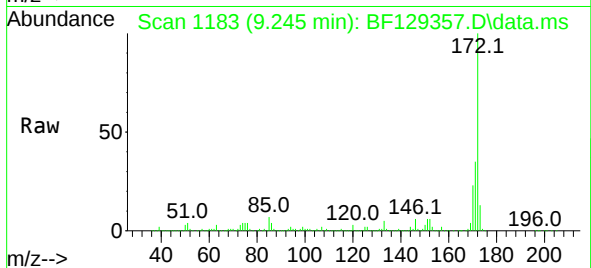
Tgt Ion:196 Resp: 410122
Ion Ratio Lower Upper
196 100
198 97.4 75.7 113.5
97 50.5 36.4 54.6
132 30.0 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 59.526 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

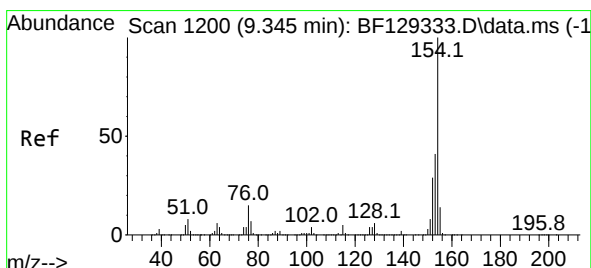
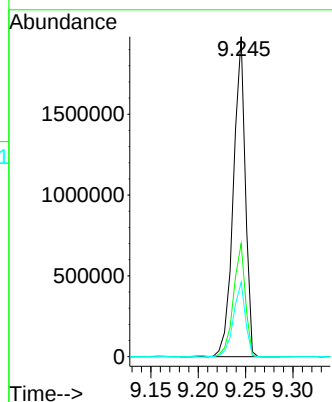
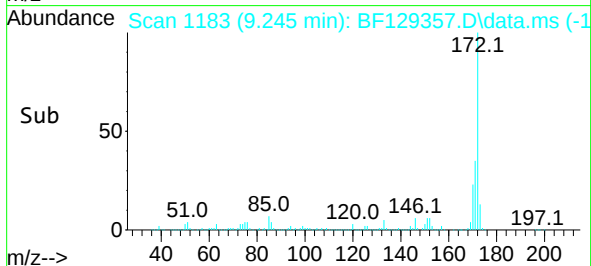
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



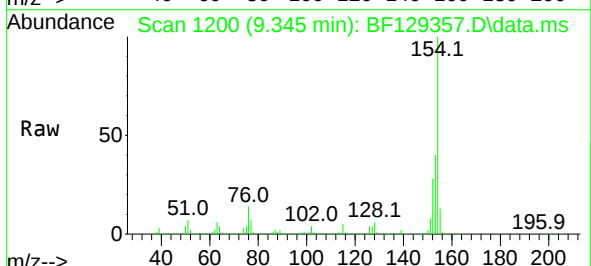
Tgt Ion:172 Resp: 173718
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.2 19.8 29.8

Manual Integrations
APPROVED

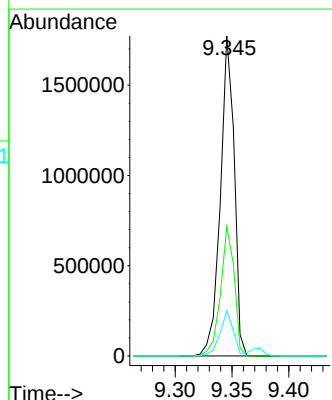
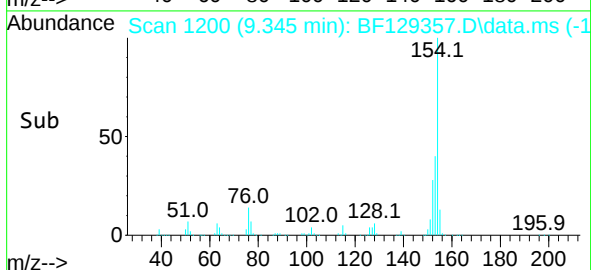
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

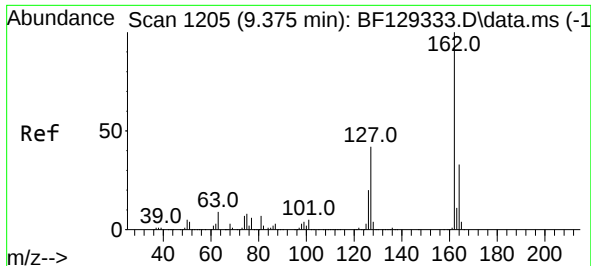


#46
1,1'-Biphenyl
Concen: 45.734 ng
RT: 9.345 min Scan# 1200
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



Tgt Ion:154 Resp: 1506816
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 14.2 0.0 33.3





#47

2-Chloronaphthalene

Concen: 44.643 ng

RT: 9.375 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF129357.D

Acq: 26 Jul 2022 16:05

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion:162 Resp: 118905

Ion Ratio Lower Upper

162 100

127 41.0 34.5 51.7

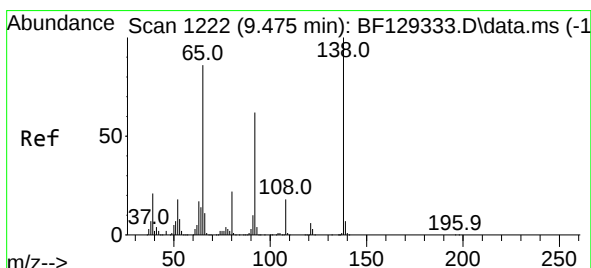
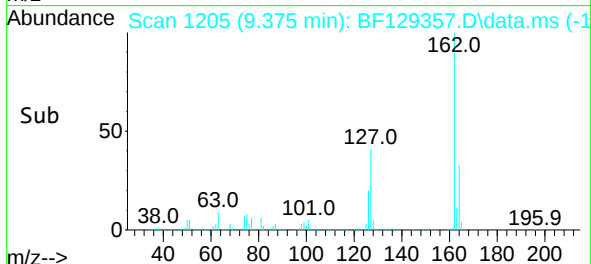
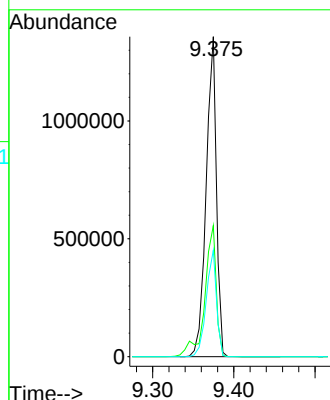
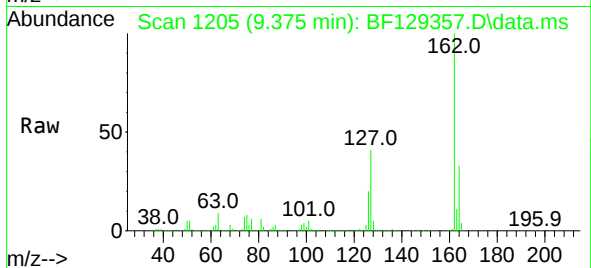
164 33.2 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#48

2-Nitroaniline

Concen: 43.603 ng

RT: 9.469 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BF129357.D

Acq: 26 Jul 2022 16:05

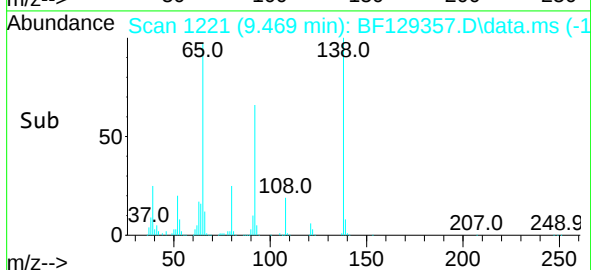
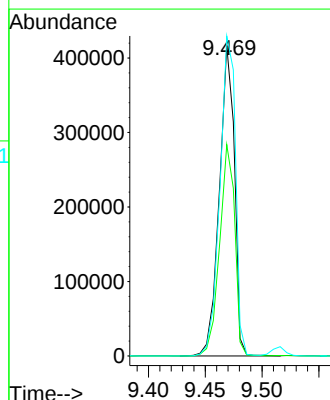
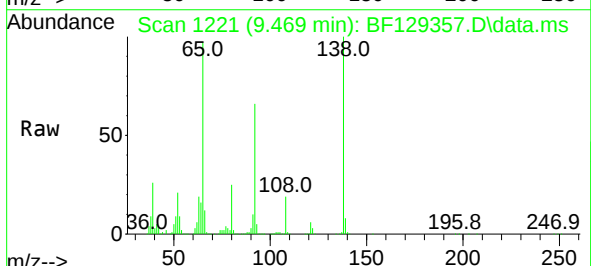
Tgt Ion: 65 Resp: 386174

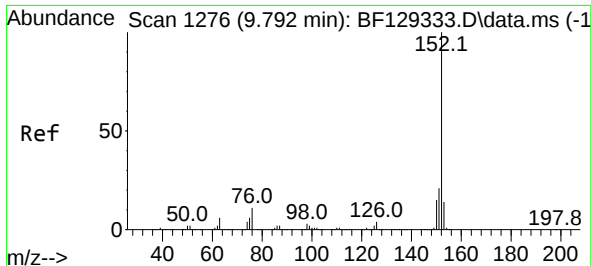
Ion Ratio Lower Upper

65 100

92 68.1 51.9 77.9

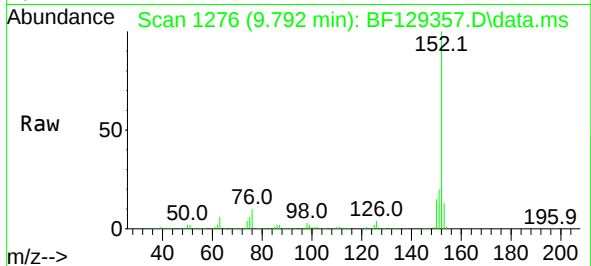
138 103.1 76.4 114.6





#49
Acenaphthylene
Concen: 44.287 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

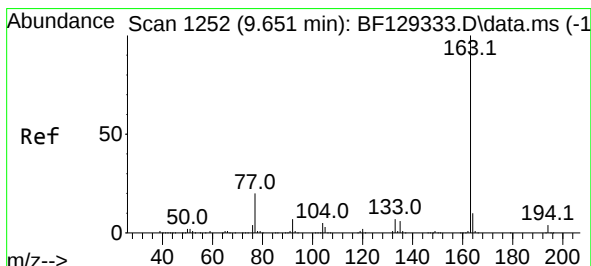
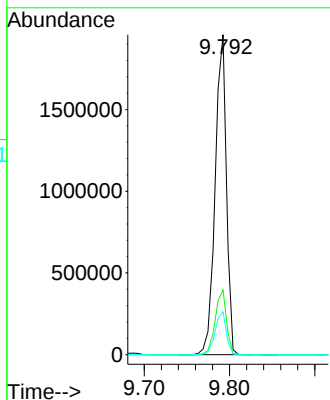
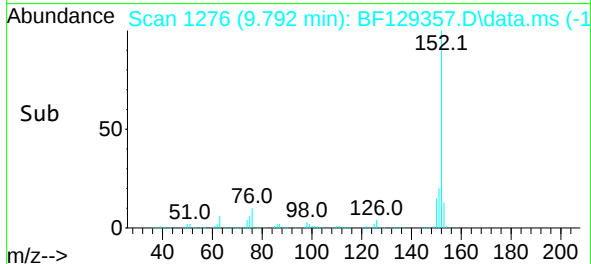
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



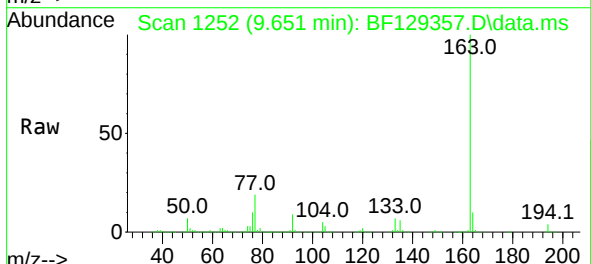
Tgt Ion:152 Resp: 1792360
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.4 10.7 16.1

Manual Integrations
APPROVED

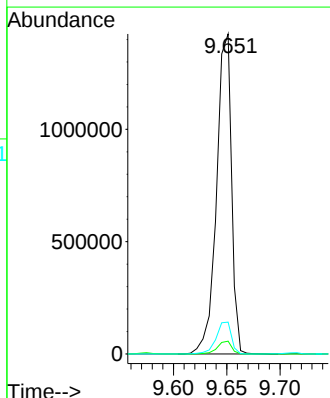
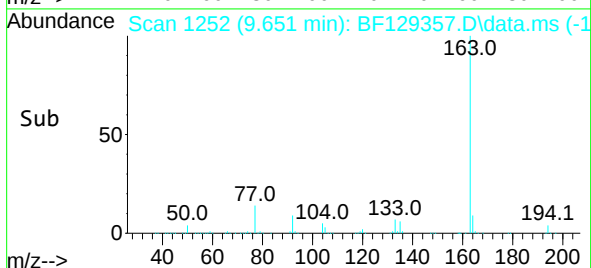
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

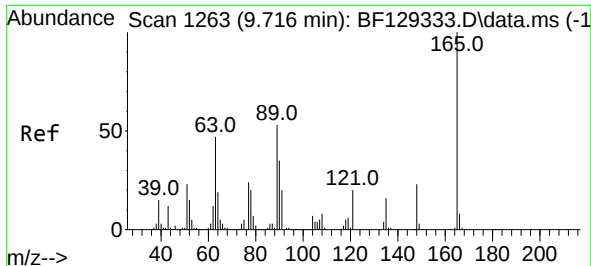


#50
Dimethylphthalate
Concen: 44.561 ng
RT: 9.651 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



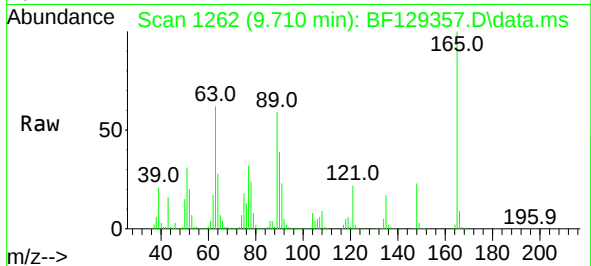
Tgt Ion:163 Resp: 1388778
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.007 ng
RT: 9.710 min Scan# 1263
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

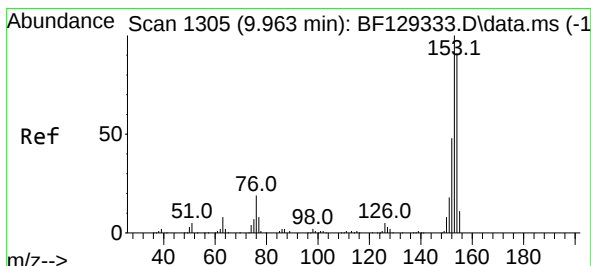
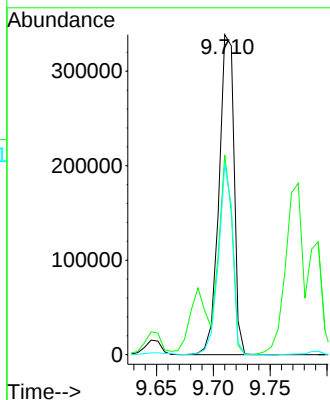
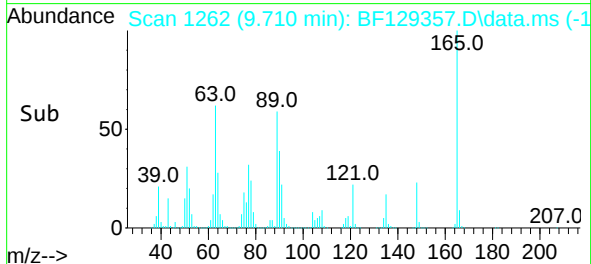
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion:165 Resp: 31394
Ion Ratio Lower Upper
165 100
63 62.4 44.9 67.3
89 59.5 43.6 65.4

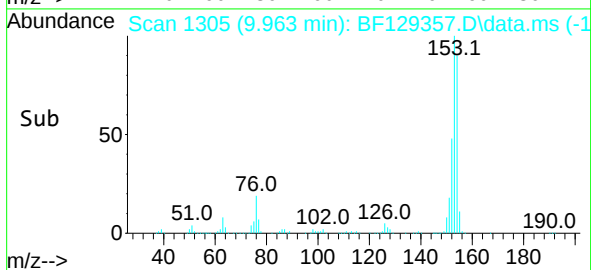
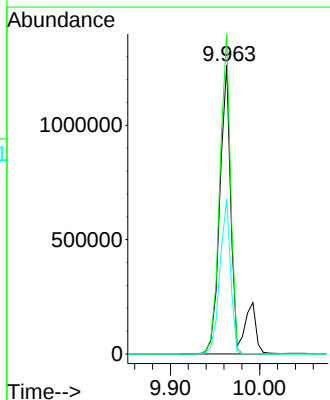
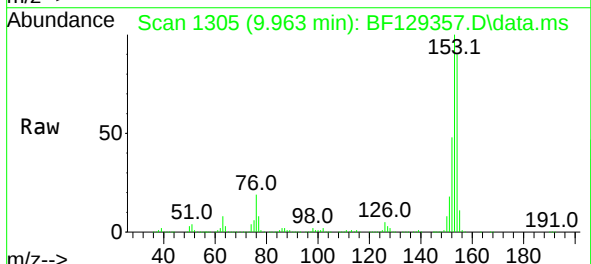
Manual Integrations
APPROVED

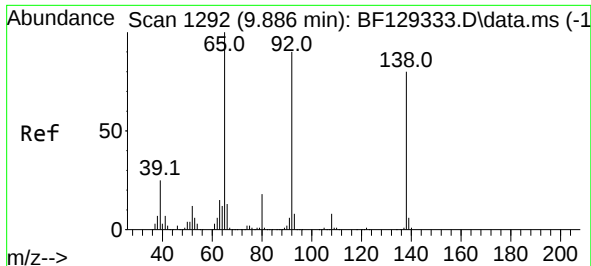
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#52
Acenaphthene
Concen: 47.228 ng m
RT: 9.963 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

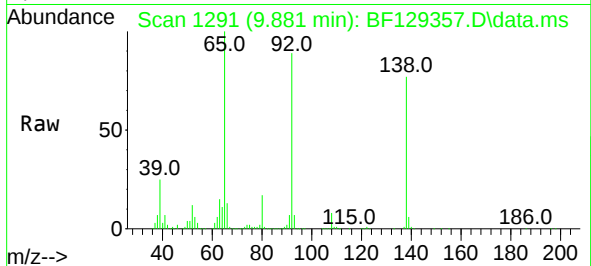
Tgt Ion:154 Resp: 1248398
Ion Ratio Lower Upper
154 100
153 110.9 89.6 134.4
152 53.7 42.4 63.6





#53
3-Nitroaniline
Concen: 22.583 ng
RT: 9.881 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

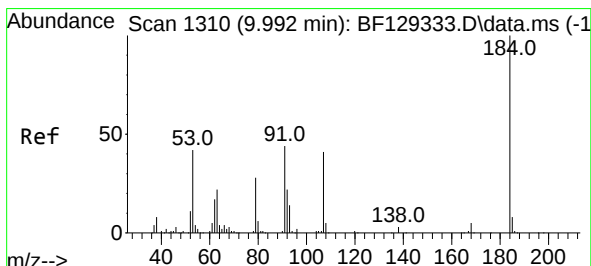
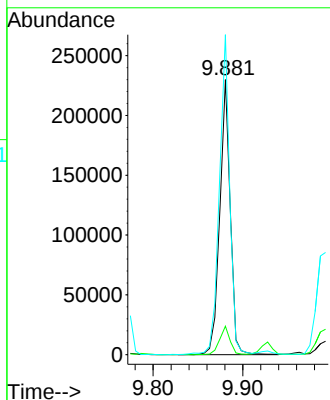
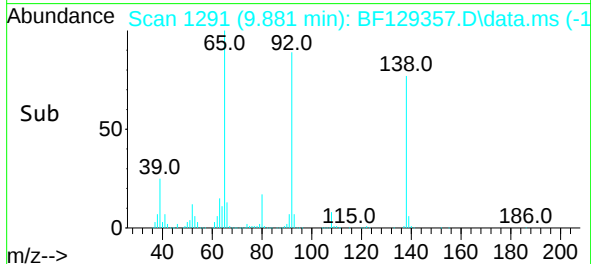
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion:138 Resp: 186015
Ion Ratio Lower Upper
138 100
108 10.4 10.9 16.3#
92 116.4 98.2 147.2

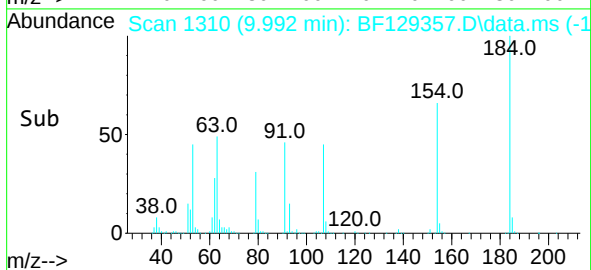
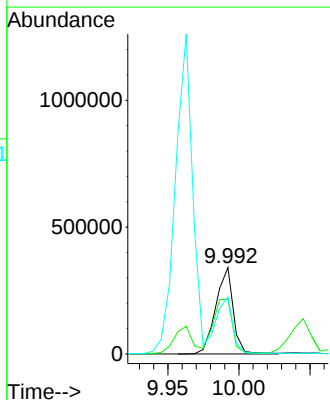
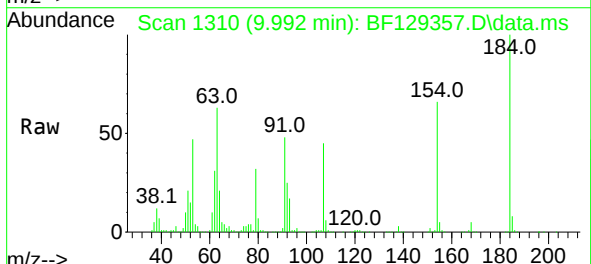
Manual Integrations
APPROVED

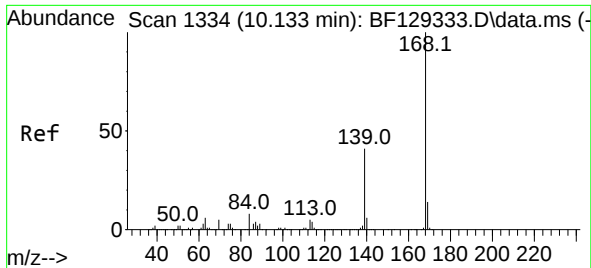
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#54
2,4-Dinitrophenol
Concen: 81.860 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

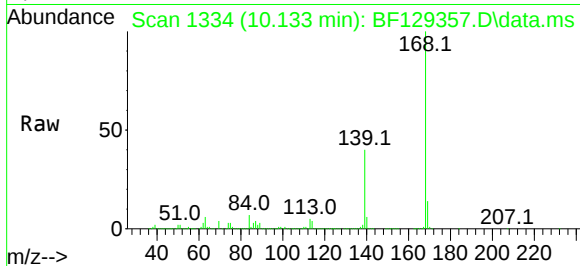
Tgt Ion:184 Resp: 291499
Ion Ratio Lower Upper
184 100
63 63.1 64.5 96.7#
154 65.9 50.6 75.8





#55
Dibenzofuran
Concen: 44.274 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

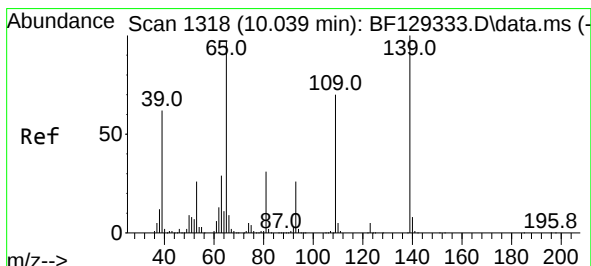
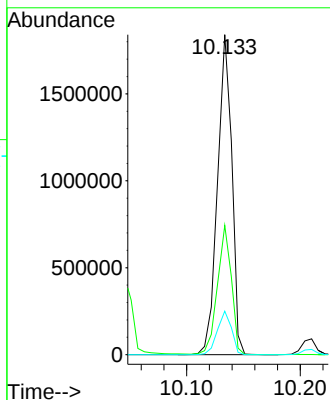
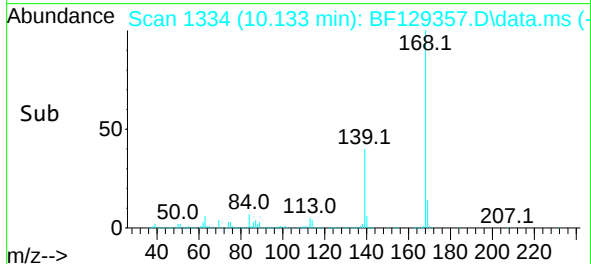
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



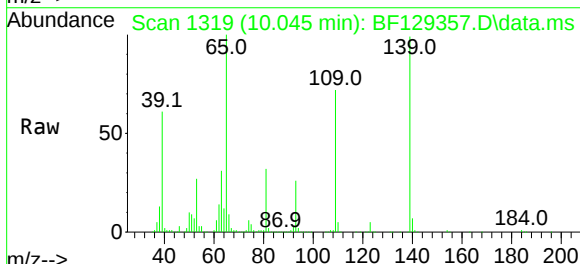
Tgt Ion:168 Resp: 161331
Ion Ratio Lower Upper
168 100
139 40.4 30.6 46.0
169 13.6 11.0 16.6

Manual Integrations
APPROVED

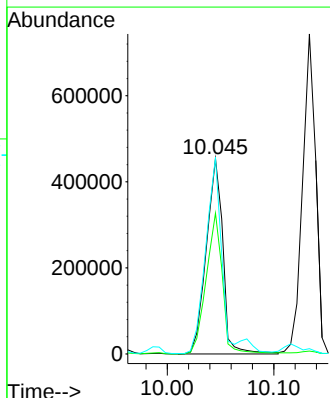
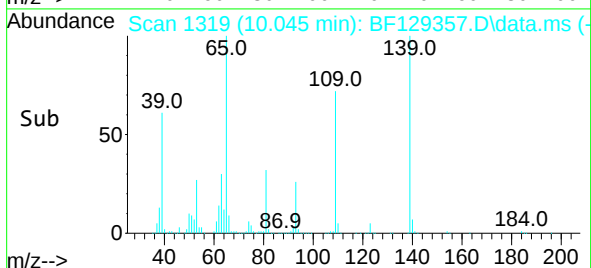
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

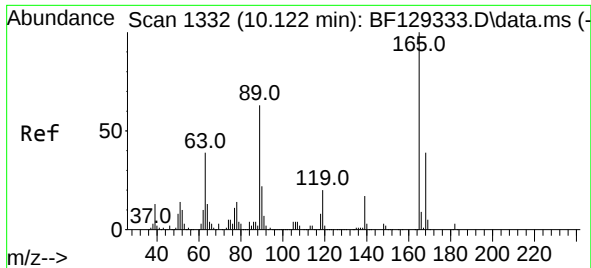


#56
4-Nitrophenol
Concen: 81.157 ng
RT: 10.045 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



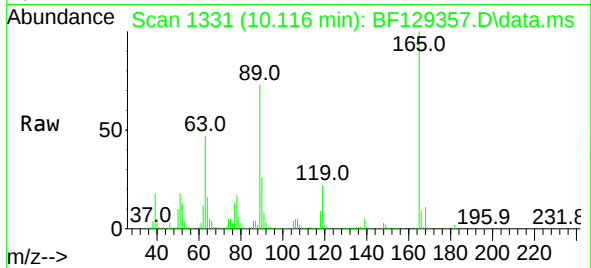
Tgt Ion:139 Resp: 493172
Ion Ratio Lower Upper
139 100
109 72.0 50.7 90.7
65 100.6 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 44.817 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

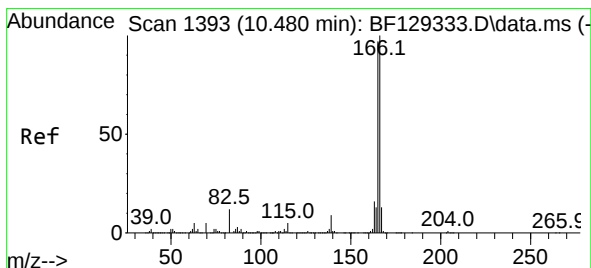
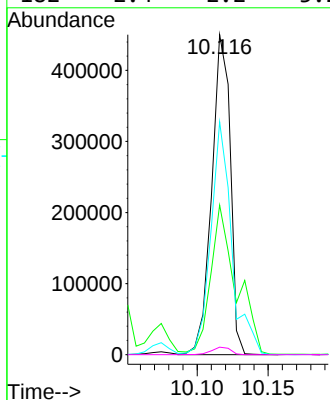
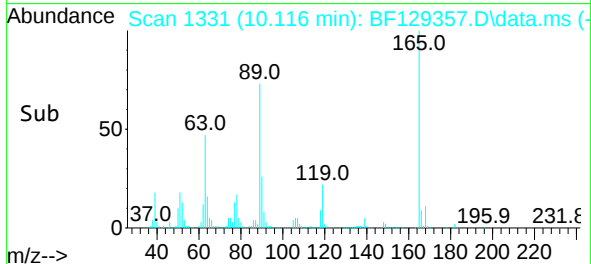
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



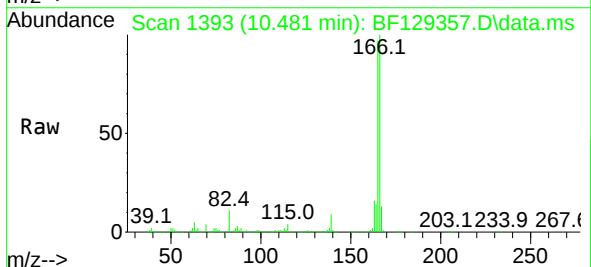
Tgt Ion:165 Resp: 408394
Ion Ratio Lower Upper
165 100
63 46.7 39.8 59.6
89 72.8 60.2 90.2
182 2.4 2.2 3.2

Manual Integrations
APPROVED

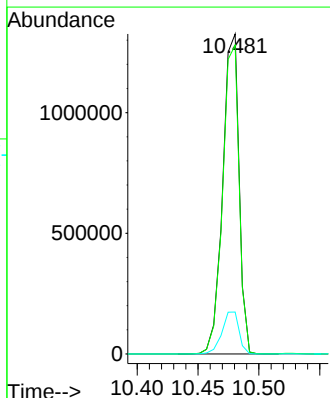
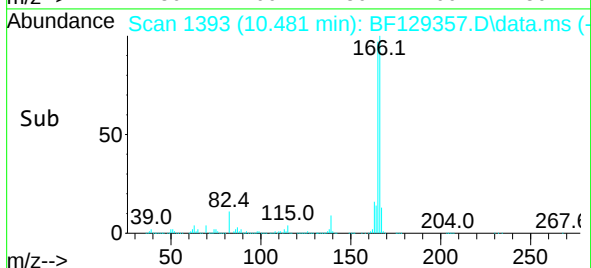
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

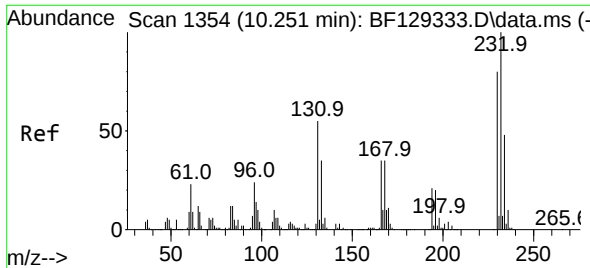


#58
Fluorene
Concen: 42.639 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



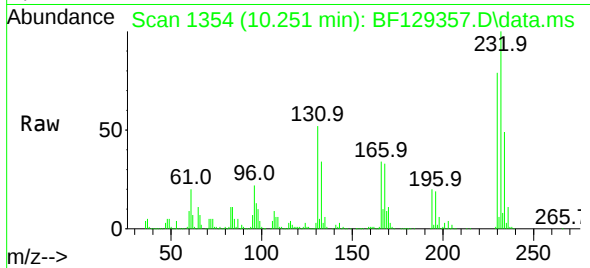
Tgt Ion:166 Resp: 1243162
Ion Ratio Lower Upper
166 100
165 96.5 78.1 117.1
167 13.1 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.234 ng
RT: 10.251 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

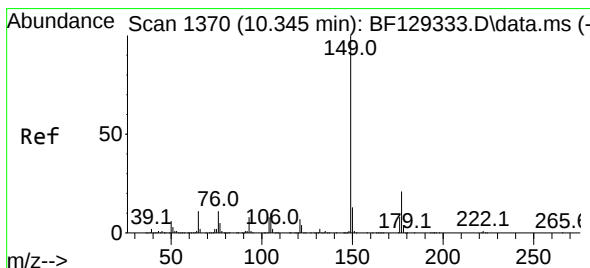
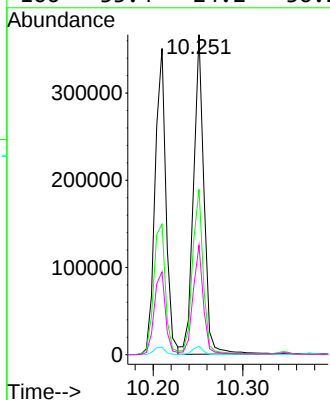
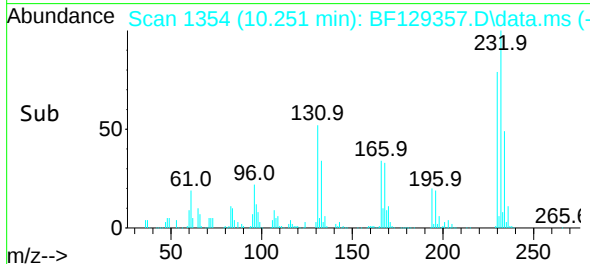
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



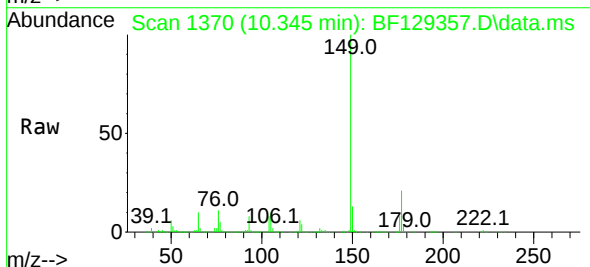
Tgt Ion:232 Resp: 298360
Ion Ratio Lower Upper
232 100
131 52.6 36.1 54.1
130 2.7 1.8 2.8
166 33.4 24.2 36.2

Manual Integrations
APPROVED

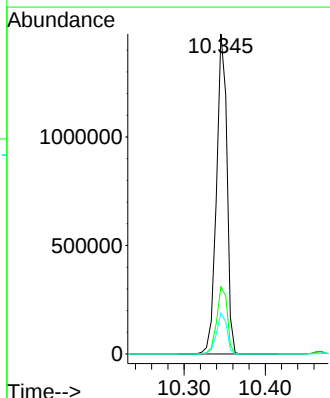
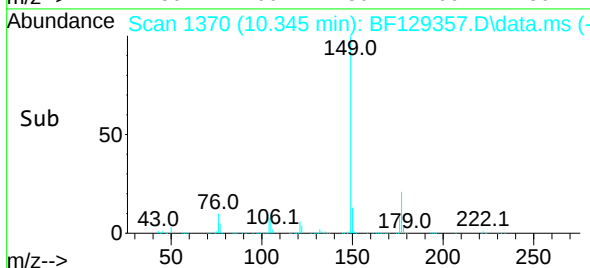
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

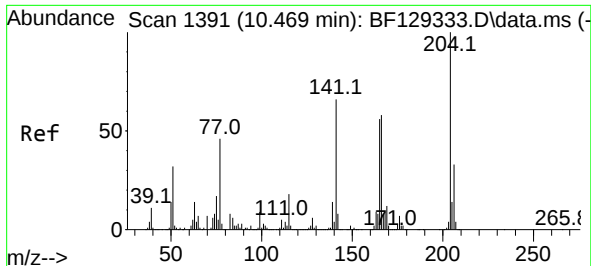


#60
Diethylphthalate
Concen: 43.765 ng
RT: 10.345 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



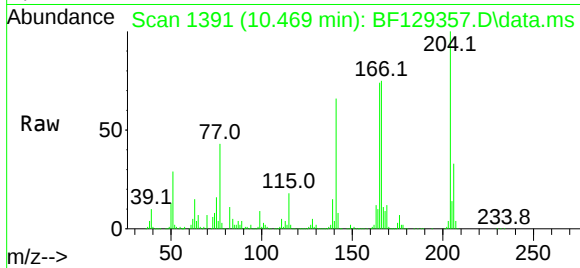
Tgt Ion:149 Resp: 1318531
Ion Ratio Lower Upper
149 100
177 21.0 17.3 25.9
150 12.7 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 44.293 ng
RT: 10.469 min Scan# 1391
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

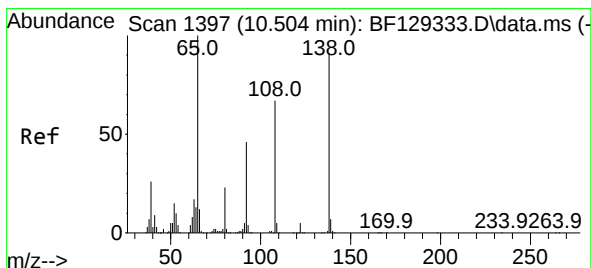
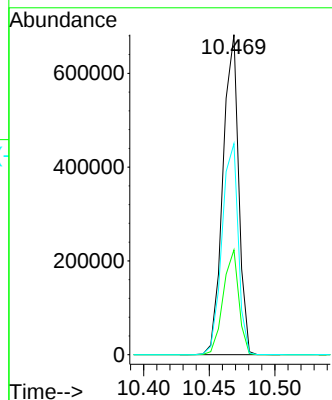
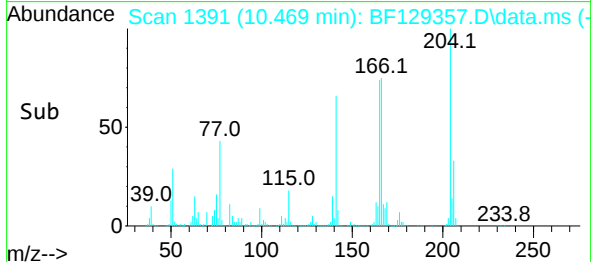
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion:204 Resp: 569328
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 66.0 47.0 70.4

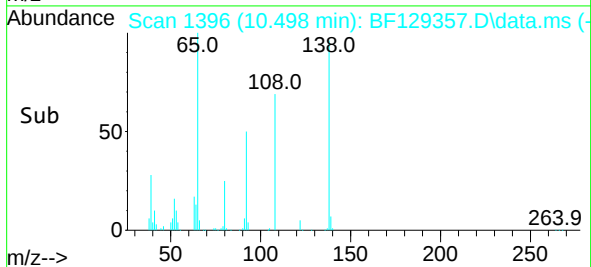
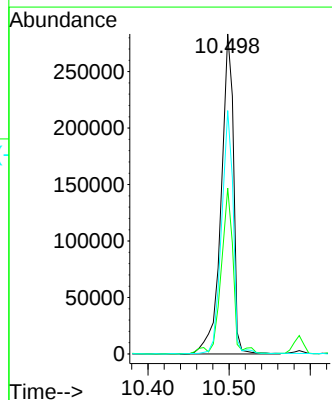
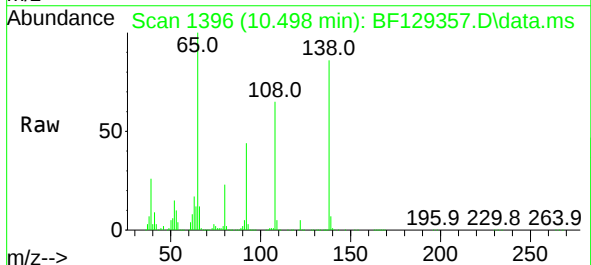
Manual Integrations
APPROVED

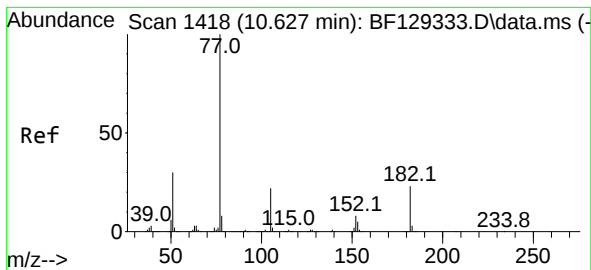
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#62
4-Nitroaniline
Concen: 36.989 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

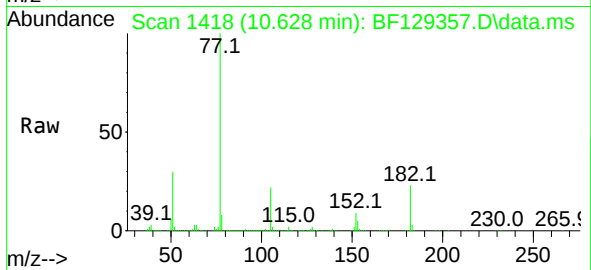
Tgt Ion:138 Resp: 302244
Ion Ratio Lower Upper
138 100
92 51.9 33.5 73.5
108 76.1 61.0 101.0





#63
Azobenzene
Concen: 42.824 ng
RT: 10.628 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

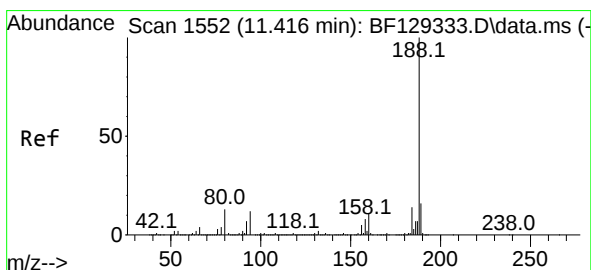
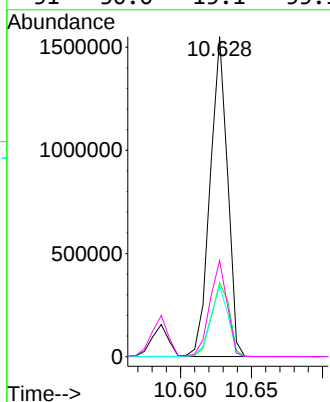
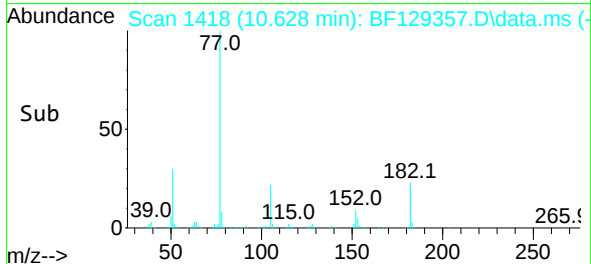
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



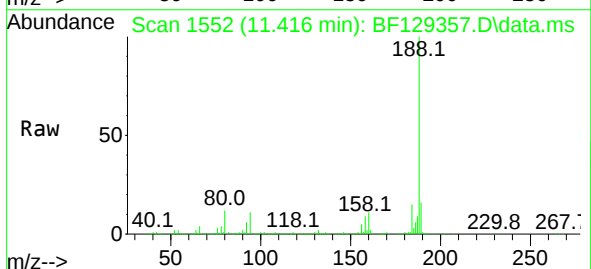
Tgt Ion: 77 Resp: 1315918
Ion Ratio Lower Upper
77 100
182 23.1 5.6 45.6
105 22.1 1.6 41.6
51 30.0 15.1 55.1

Manual Integrations
APPROVED

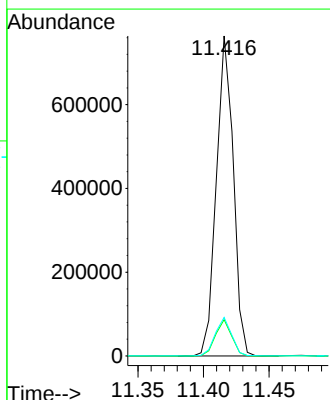
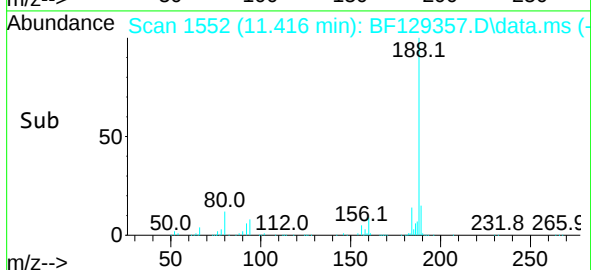
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

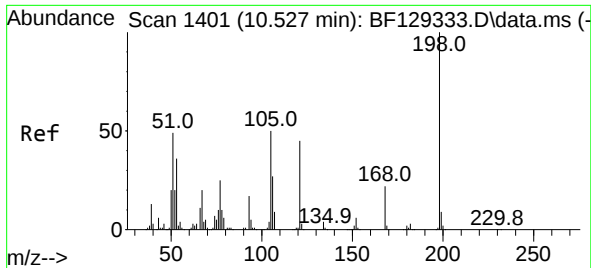


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



Tgt Ion:188 Resp: 685539
Ion Ratio Lower Upper
188 100
94 11.3 7.0 10.6#
80 12.0 7.6 11.4#





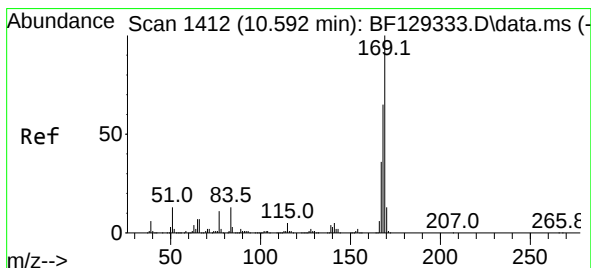
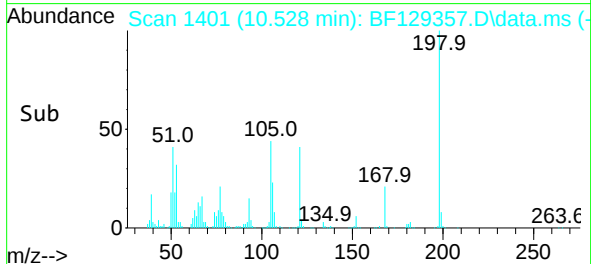
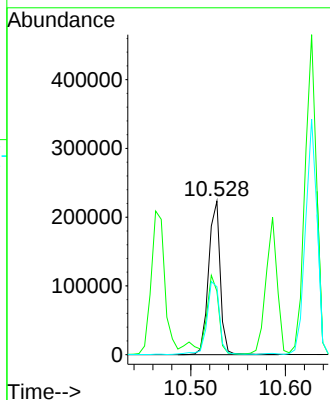
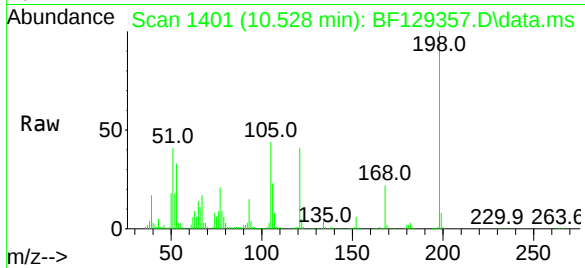
#65
4,6-Dinitro-2-methylphenol
Concen: 44.057 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

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

Tgt Ion:198 Resp: 190631
Ion Ratio Lower Upper
198 100
51 41.4 37.6 77.6
105 44.2 27.0 67.0

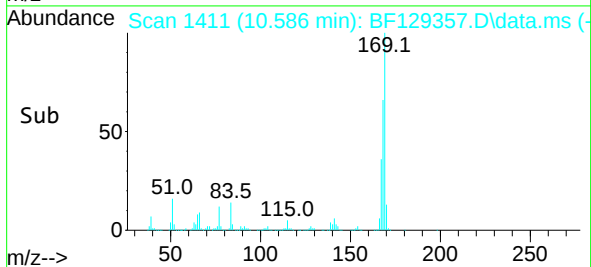
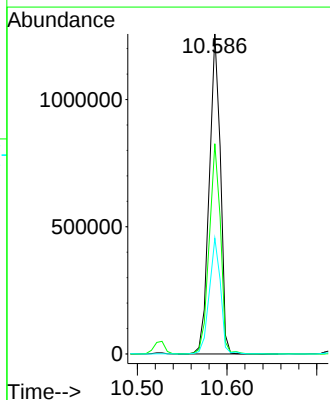
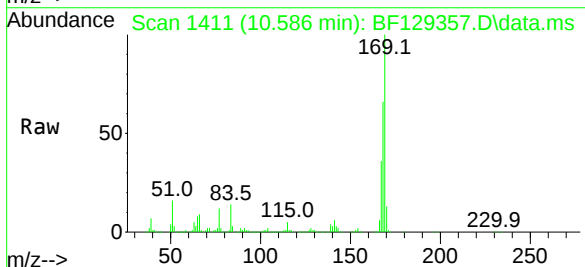
Manual Integrations
APPROVED

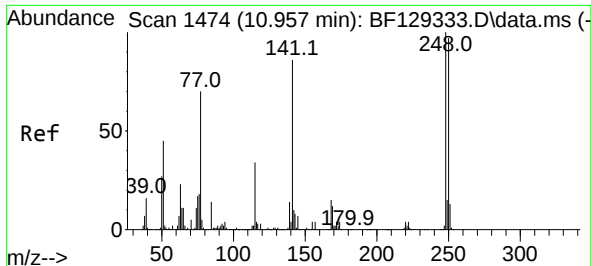
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#66
n-Nitrosodiphenylamine
Concen: 47.338 ng
RT: 10.586 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

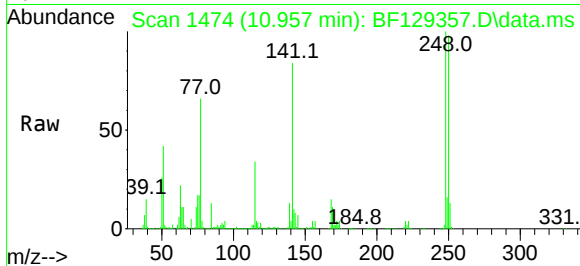
Tgt Ion:169 Resp: 1080740
Ion Ratio Lower Upper
169 100
168 65.7 50.1 75.1
167 36.2 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 48.265 ng
RT: 10.957 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

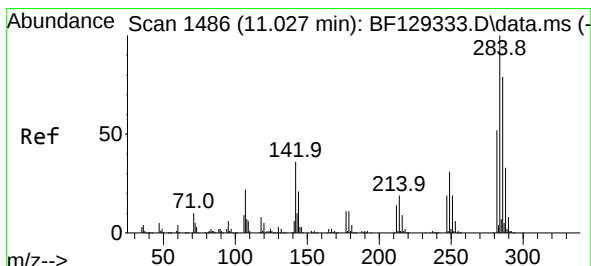
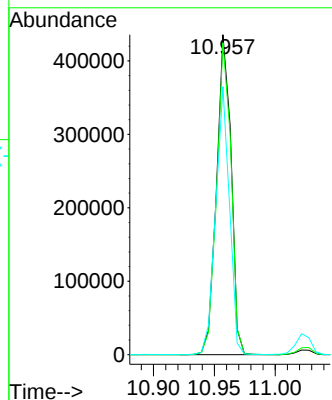
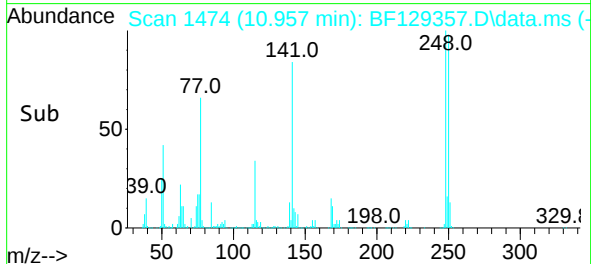
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



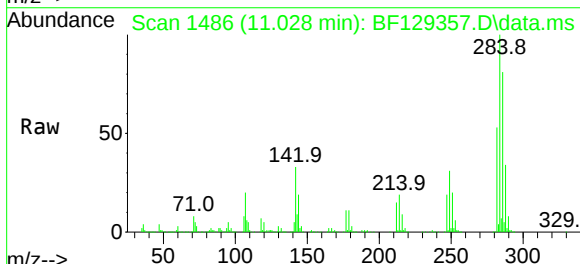
Tgt Ion:248 Resp: 362320
Ion Ratio Lower Upper
248 100
250 97.5 80.6 120.8
141 83.7 58.9 88.3

Manual Integrations
APPROVED

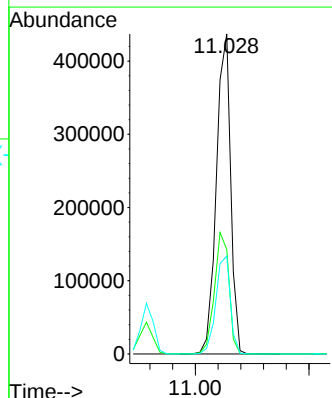
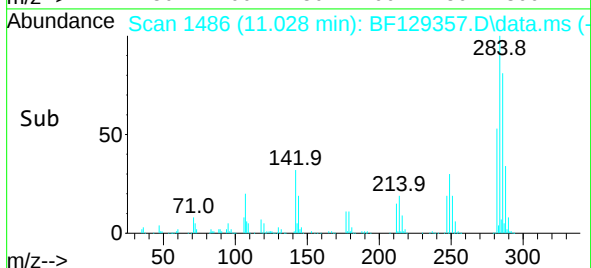
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

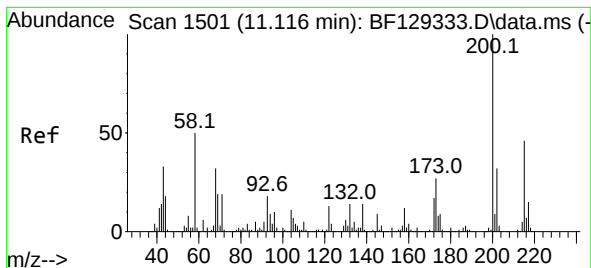


#68
Hexachlorobenzene
Concen: 46.893 ng
RT: 11.028 min Scan# 1486
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



Tgt Ion:284 Resp: 381421
Ion Ratio Lower Upper
284 100
142 32.6 29.0 43.4
249 30.6 25.0 37.6





#69

Atrazine

Concen: 48.396 ng

RT: 11.116 min Scan# 1501

Delta R.T. 0.000 min

Lab File: BF129357.D

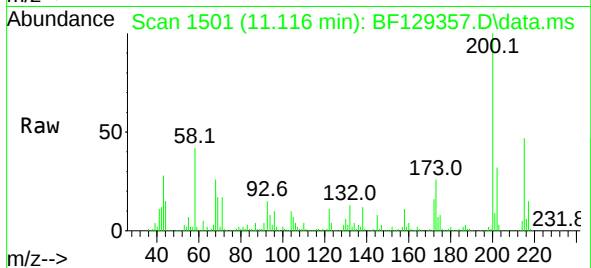
Acq: 26 Jul 2022 16:05

Instrument :

BNA_F

ClientSampleId :

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



Tgt Ion:200 Resp: 335600

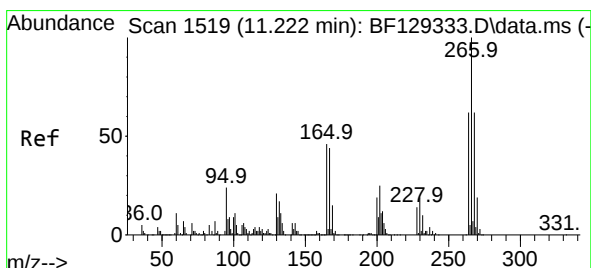
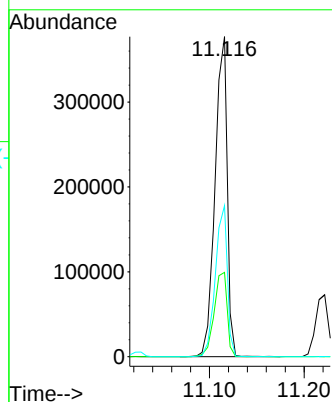
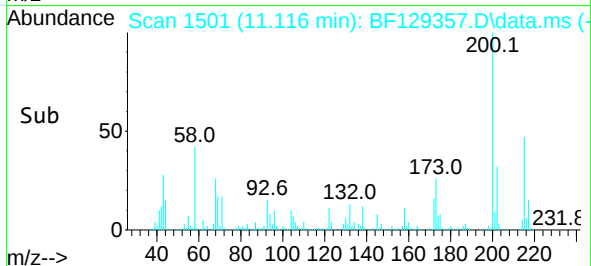
Ion	Ratio	Lower	Upper
200	100		
173	26.4	6.3	46.3
215	47.2	28.3	68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#70

Pentachlorophenol

Concen: 83.356 ng

RT: 11.222 min Scan# 1519

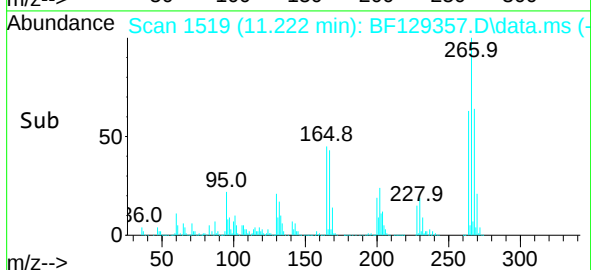
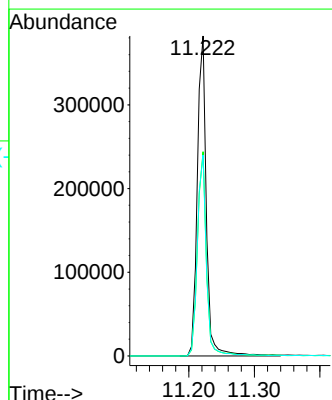
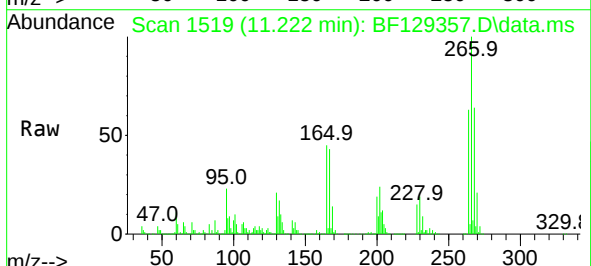
Delta R.T. 0.000 min

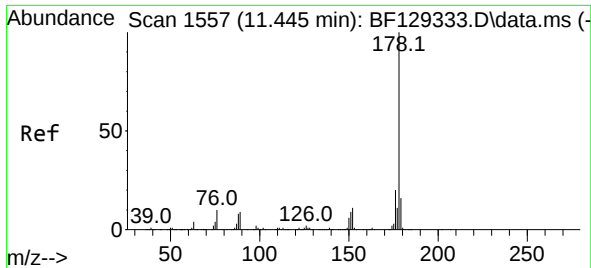
Lab File: BF129357.D

Acq: 26 Jul 2022 16:05

Tgt Ion:266 Resp: 368589

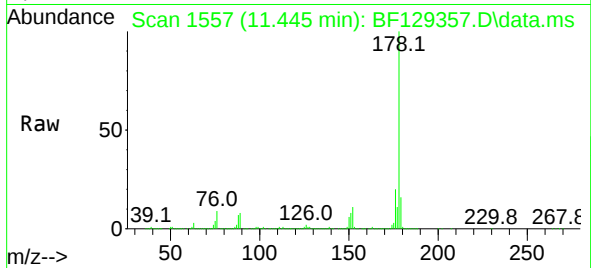
Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.0	76.4
264	62.8	49.4	74.2





#71
Phenanthrene
Concen: 44.145 ng
RT: 11.445 min Scan# 11565
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

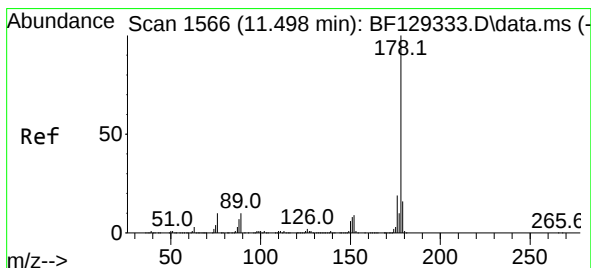
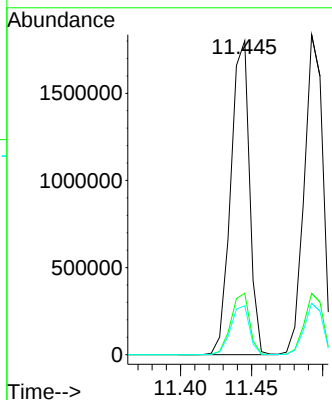
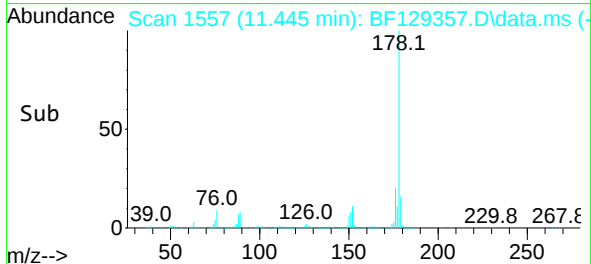
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion:178 Resp: 1651994
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.6 12.6 19.0

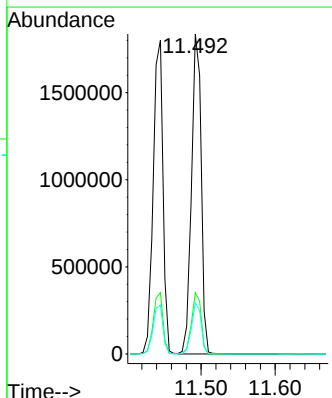
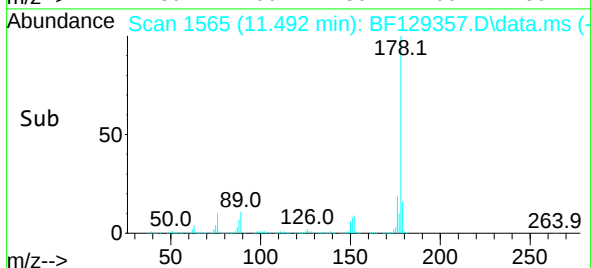
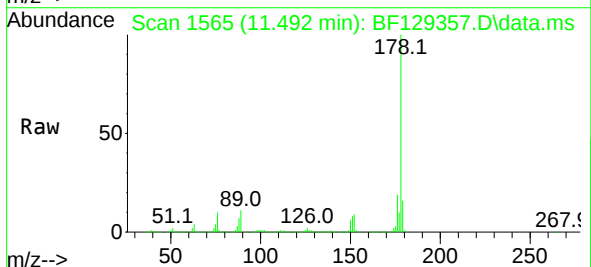
Manual Integrations
APPROVED

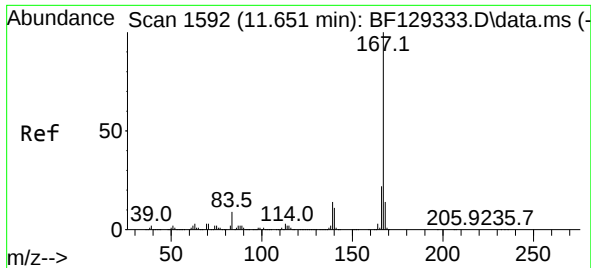
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#72
Anthracene
Concen: 45.429 ng
RT: 11.492 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

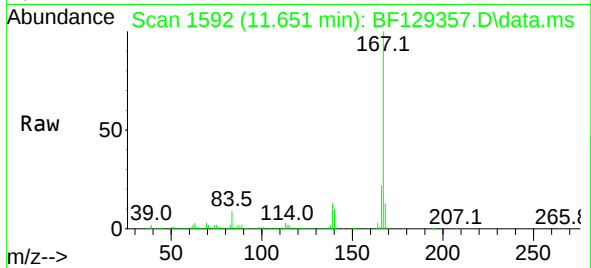
Tgt Ion:178 Resp: 1670637
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 16.1 12.6 19.0





#73
 Carbazole
 Concen: 42.206 ng
 RT: 11.651 min Scan# 1592
 Delta R.T. 0.000 min
 Lab File: BF129357.D
 Acq: 26 Jul 2022 16:05

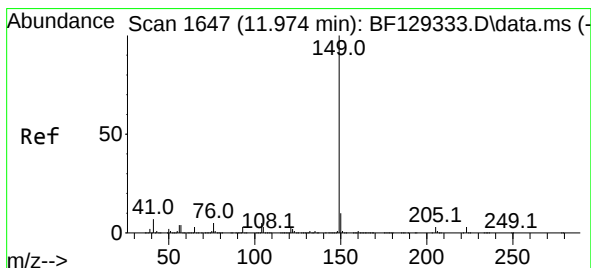
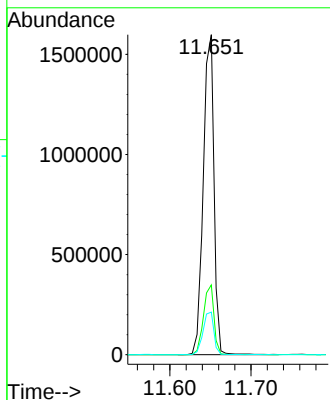
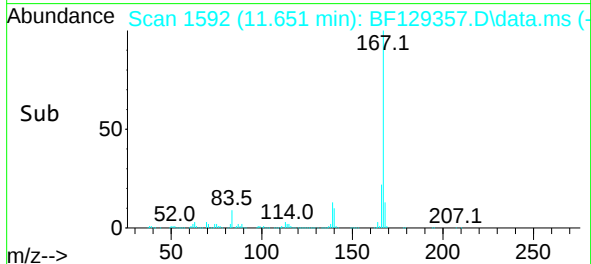
Instrument :
 BNA_F
 ClientSampleId :
 ENV-DE-1-(10-15)MSD



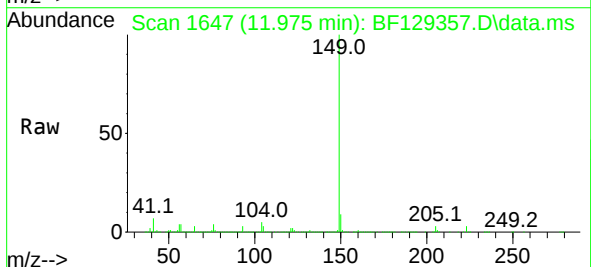
Tgt Ion:167 Resp: 1461084
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 13.3 11.2 16.8

Manual Integrations
 APPROVED

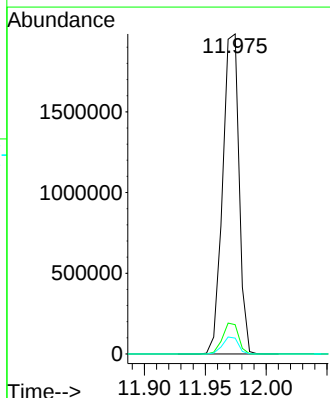
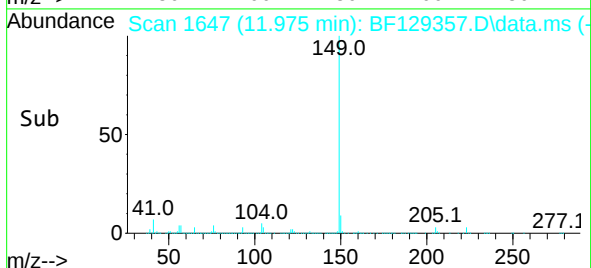
Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022

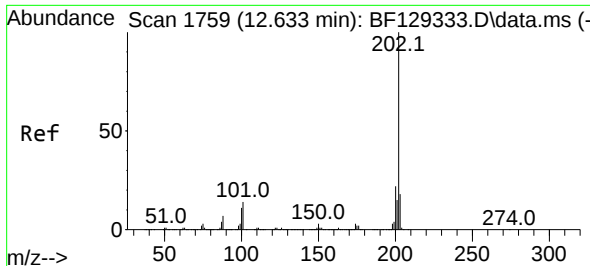


#74
 Di-n-butylphthalate
 Concen: 45.106 ng
 RT: 11.975 min Scan# 1647
 Delta R.T. 0.000 min
 Lab File: BF129357.D
 Acq: 26 Jul 2022 16:05



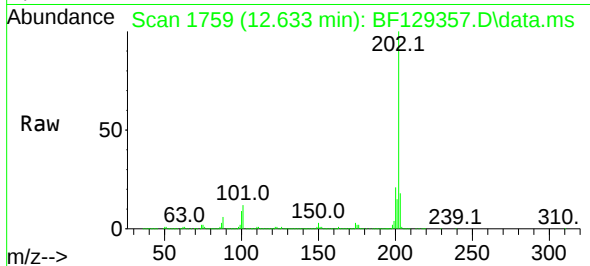
Tgt Ion:149 Resp: 1859539
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.0 4.4 6.6





#75
Fluoranthene
Concen: 39.275 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

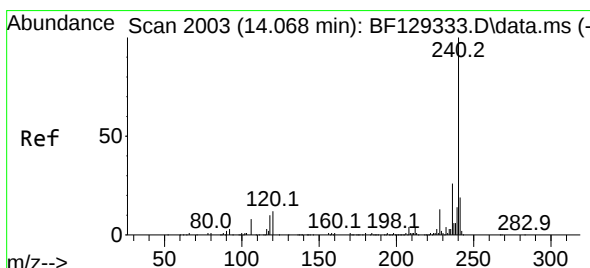
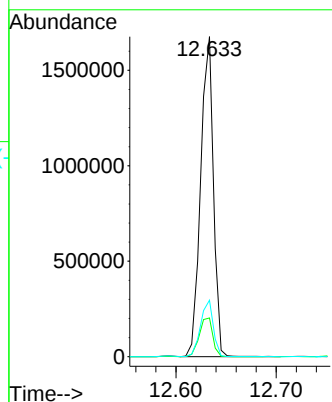
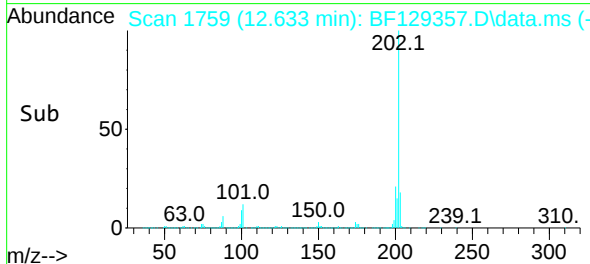
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion:202 Resp: 148918
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.4
203 17.7 0.0 38.0

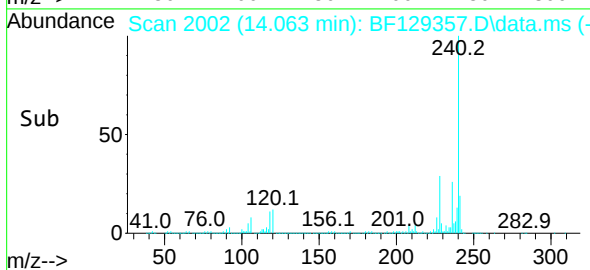
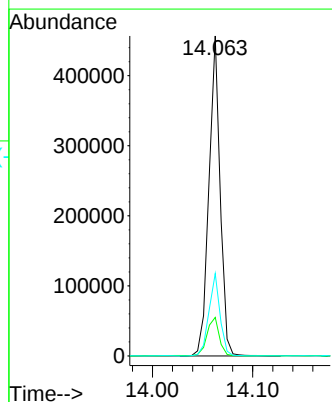
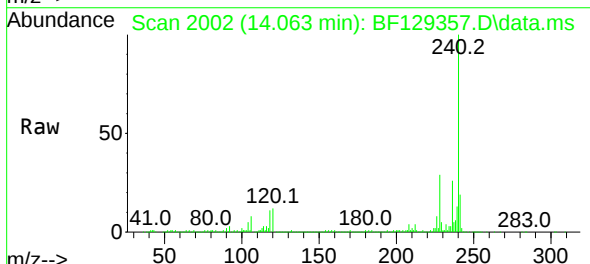
Manual Integrations
APPROVED

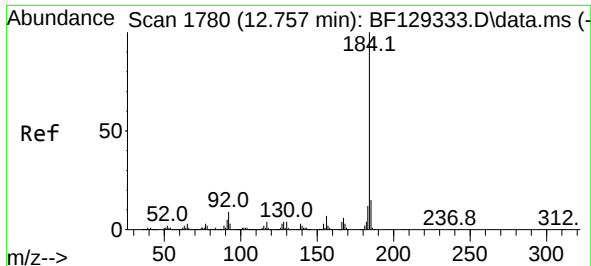
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

Tgt Ion:240 Resp: 357078
Ion Ratio Lower Upper
240 100
120 12.1 8.9 13.3
236 25.8 20.8 31.2





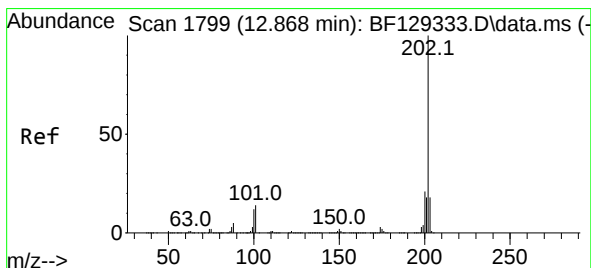
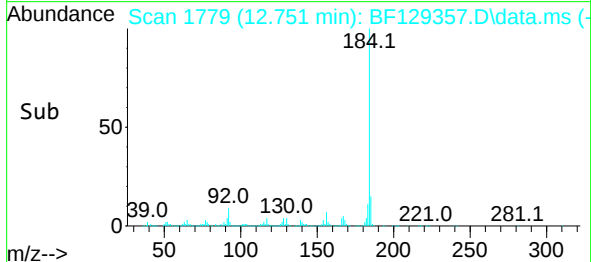
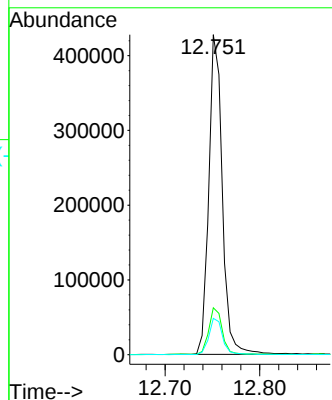
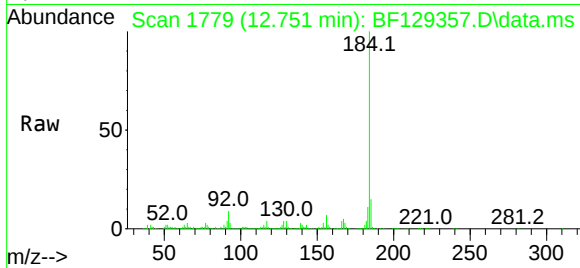
#77
Benzidine
Concen: 33.429 ng
RT: 12.751 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

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

Tgt Ion:184 Resp: 421690
Ion Ratio Lower Upper
184 100
185 14.7 11.9 17.9
183 11.3 9.3 13.9

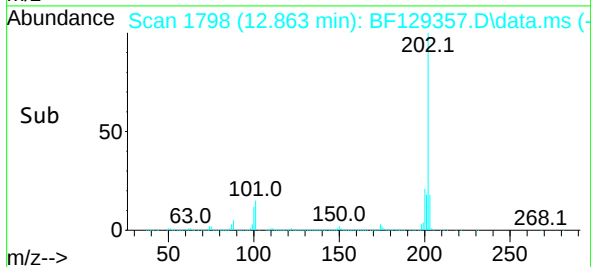
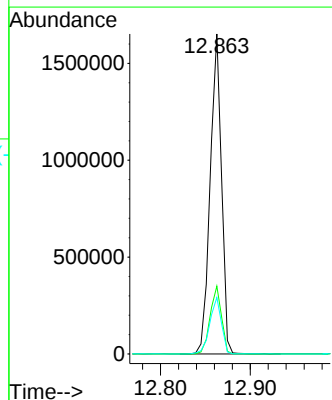
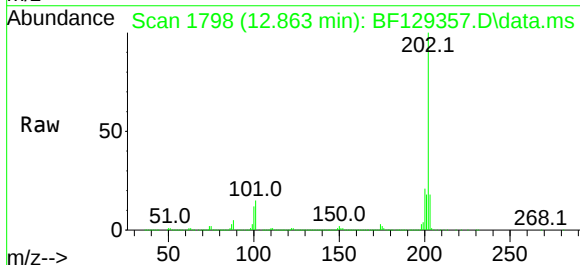
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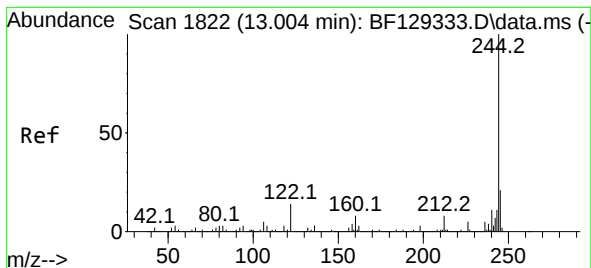
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#78
Pyrene
Concen: 48.363 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

Tgt Ion:202 Resp: 1444104
Ion Ratio Lower Upper
202 100
200 21.2 17.7 26.5
203 17.6 14.6 21.8





#79

Terphenyl-d14

Concen: 69.485 ng

RT: 12.998 min Scan# 1821

Delta R.T. -0.006 min

Lab File: BF129357.D

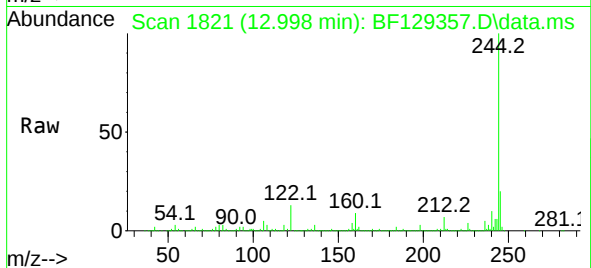
Acq: 26 Jul 2022 16:05

Instrument :

BNA_F

ClientSampleId :

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



Tgt Ion:244 Resp: 131516

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

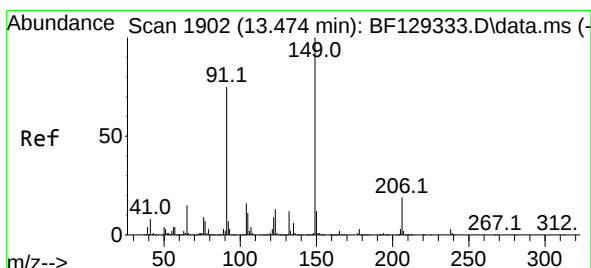
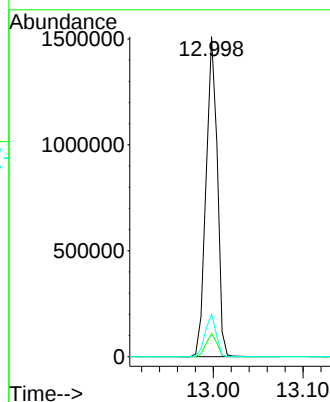
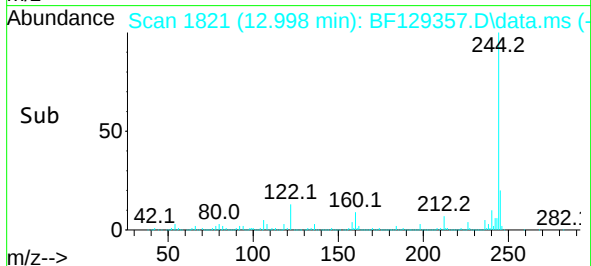
122 13.4 8.8 13.2

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#80

Butylbenzylphthalate

Concen: 46.862 ng

RT: 13.474 min Scan# 1902

Delta R.T. 0.000 min

Lab File: BF129357.D

Acq: 26 Jul 2022 16:05

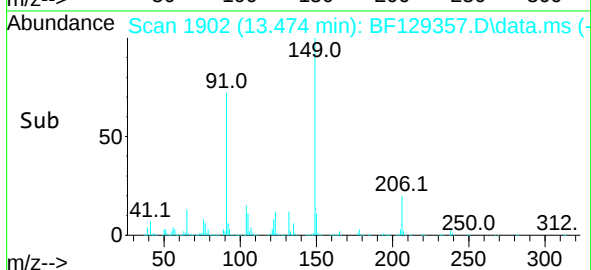
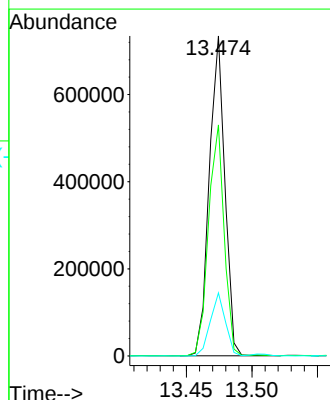
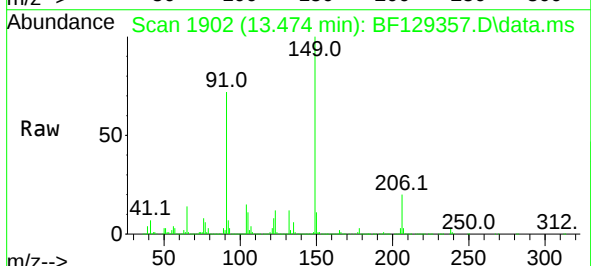
Tgt Ion:149 Resp: 606940

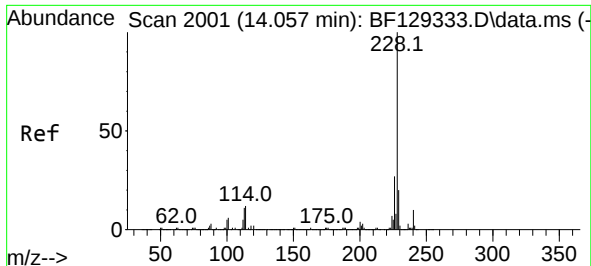
Ion Ratio Lower Upper

149 100

91 72.2 61.2 91.8

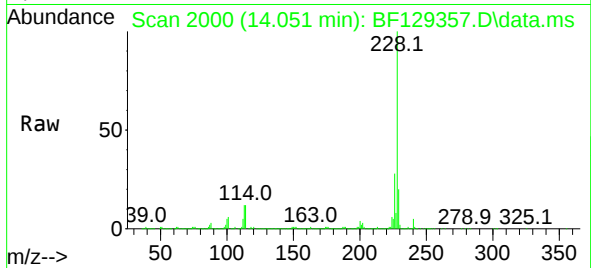
206 19.7 15.7 23.5





#81
Benzo(a)anthracene
Concen: 45.058 ng
RT: 14.051 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

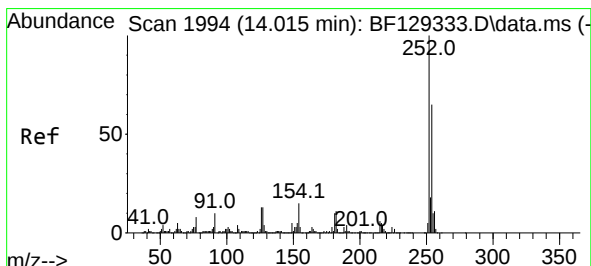
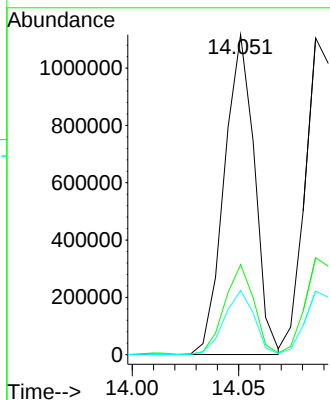
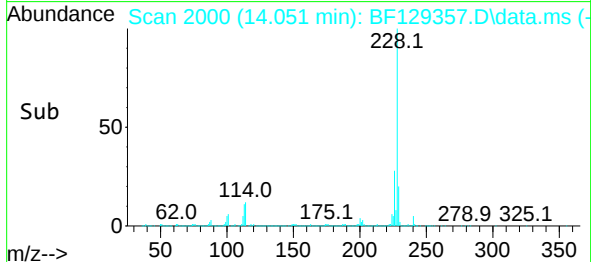
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion:228 Resp: 109905
Ion Ratio Lower Upper
228 100
226 28.2 22.1 33.1
229 20.0 15.8 23.8

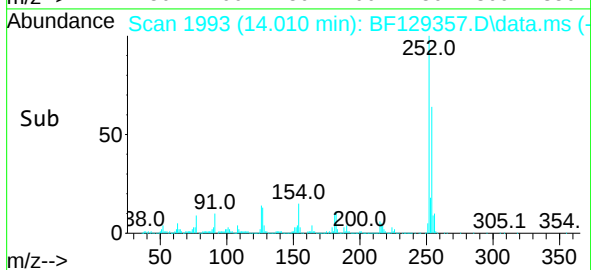
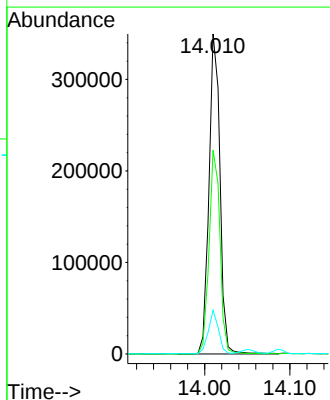
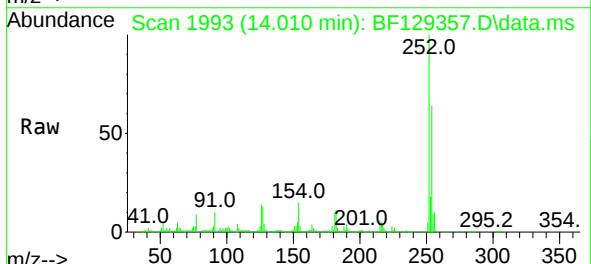
Manual Integrations
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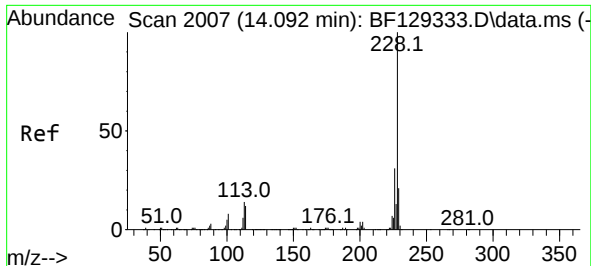
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#82
3,3'-Dichlorobenzidine
Concen: 38.838 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

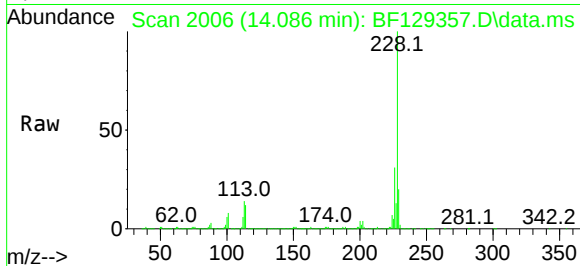
Tgt Ion:252 Resp: 312784
Ion Ratio Lower Upper
252 100
254 63.7 50.2 75.4
126 13.7 8.2 12.4#





#83
Chrysene
Concen: 45.140 ng
RT: 14.086 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

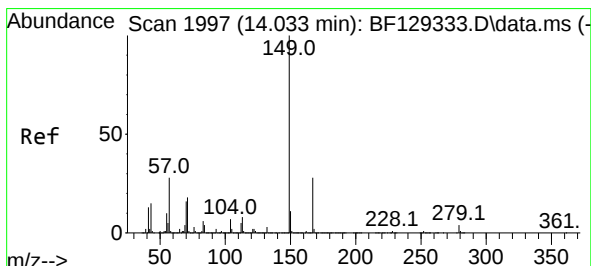
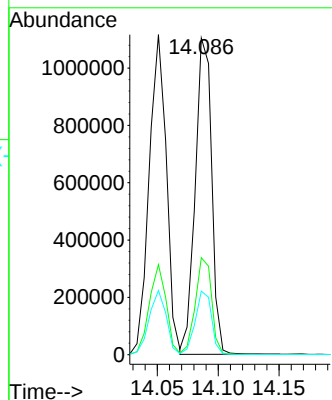
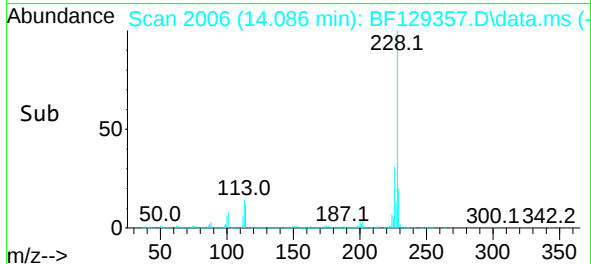
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion:228 Resp: 1037692
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 20.1 15.9 23.9

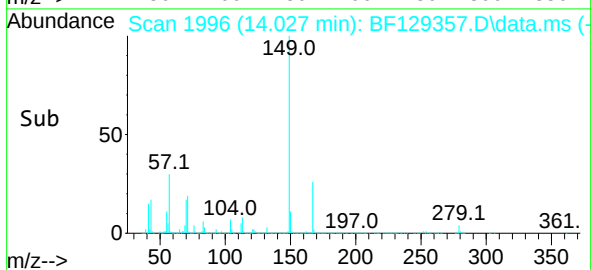
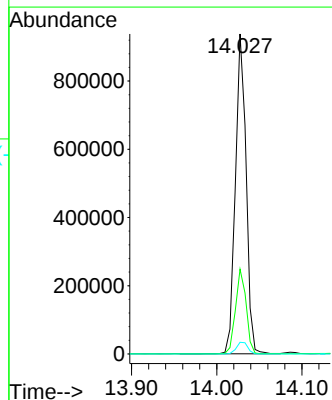
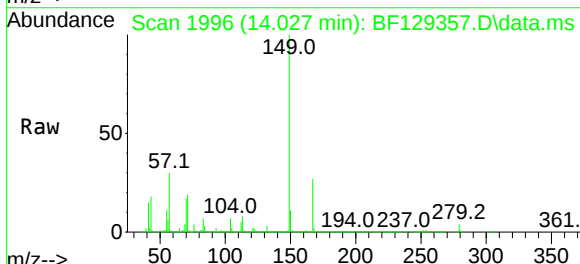
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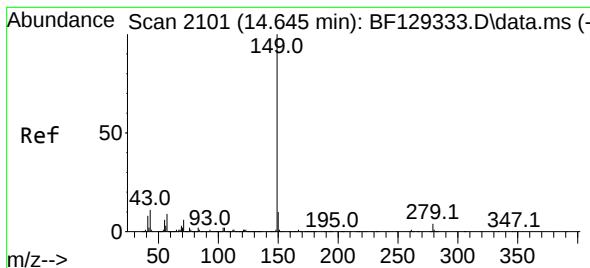
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.056 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

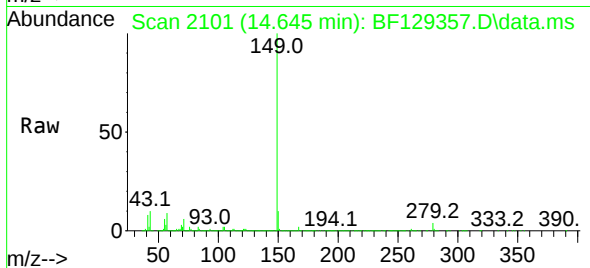
Tgt Ion:149 Resp: 819416
Ion Ratio Lower Upper
149 100
167 26.5 21.0 31.4
279 3.7 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 51.559 ng
RT: 14.645 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

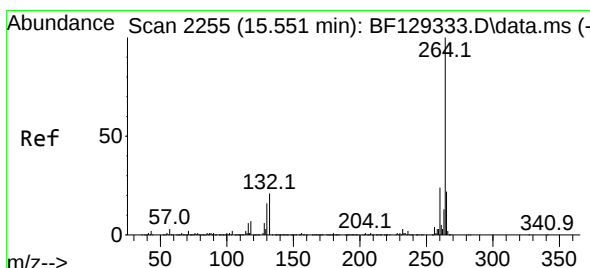
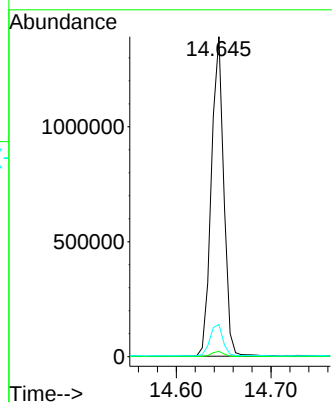
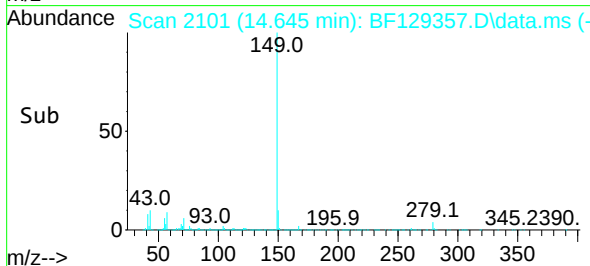
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



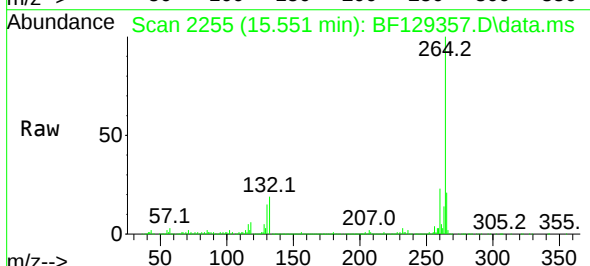
Tgt Ion:149 Resp: 126510
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.5 9.2 13.8

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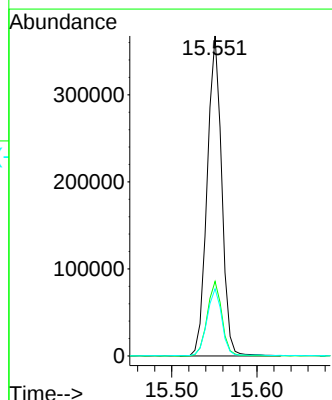
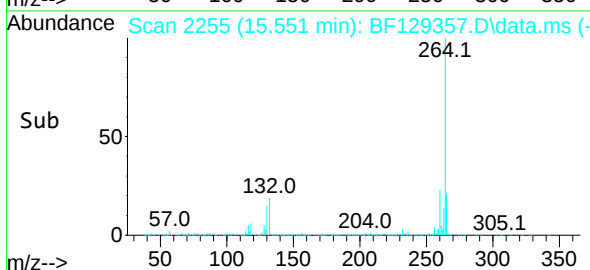
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

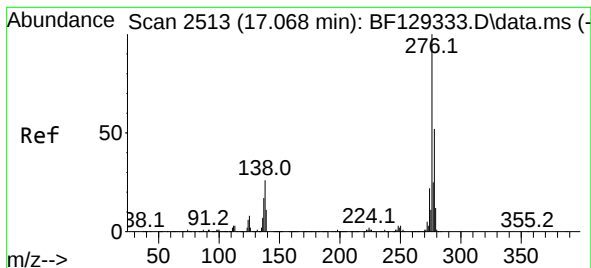


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



Tgt Ion:264 Resp: 435165
Ion Ratio Lower Upper
264 100
260 23.3 18.4 27.6
265 21.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.408 ng

RT: 17.068 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF129357.D

Acq: 26 Jul 2022 16:05

Instrument :

BNA_F

ClientSampleId :

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

Tgt Ion:276 Resp: 150649

Ion Ratio Lower Upper

276 100

138 27.0 21.1 31.7

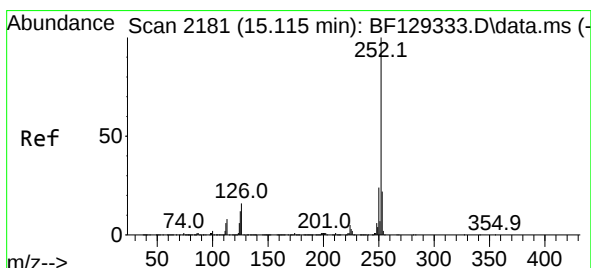
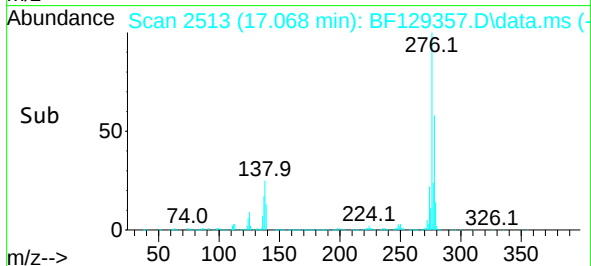
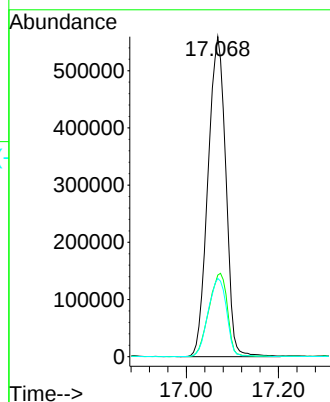
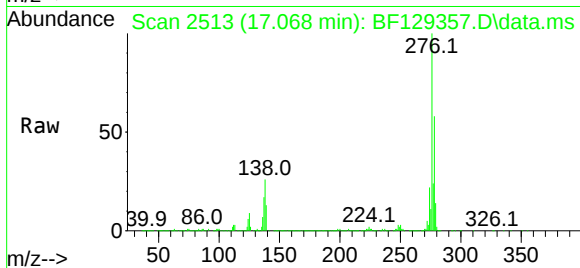
277 25.4 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#88

Benzo(b)fluoranthene

Concen: 43.040 ng

RT: 15.116 min Scan# 2181

Delta R.T. 0.000 min

Lab File: BF129357.D

Acq: 26 Jul 2022 16:05

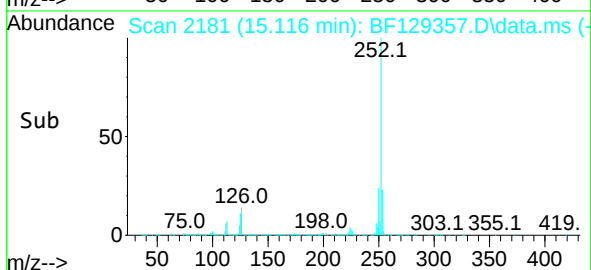
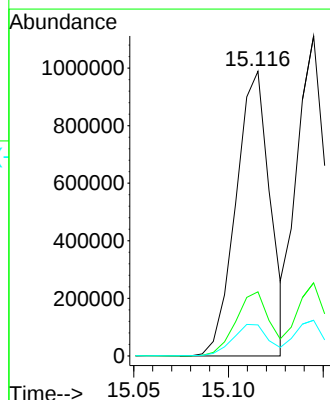
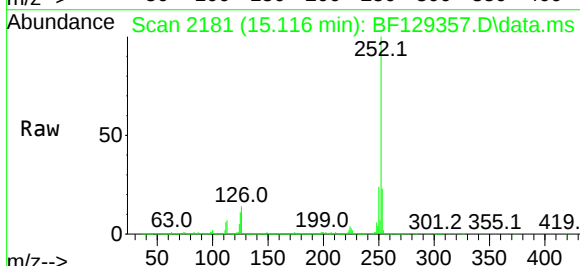
Tgt Ion:252 Resp: 1242379

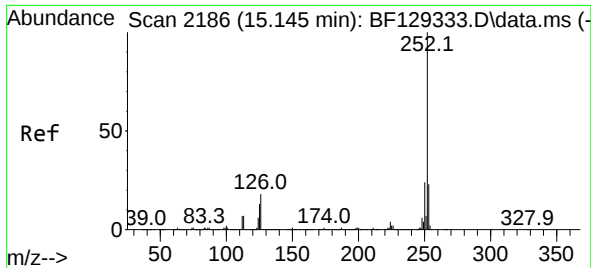
Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

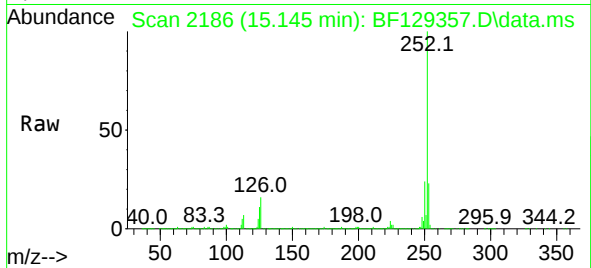
125 10.9 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 40.894 ng
RT: 15.145 min Scan# 2186
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

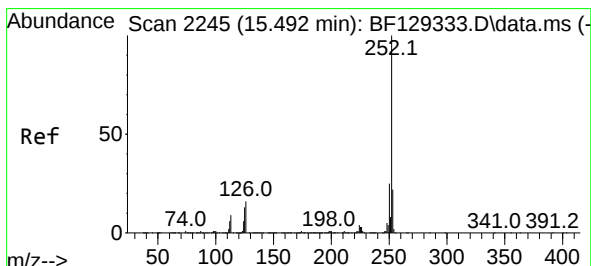
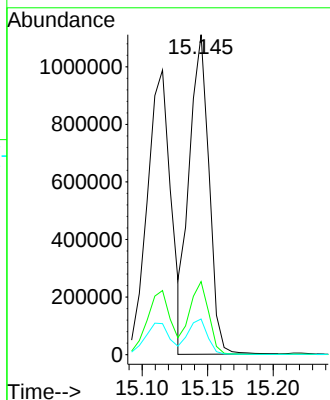
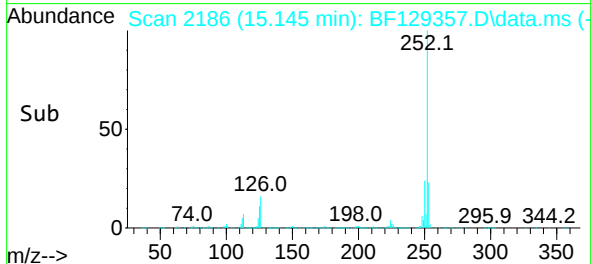
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



Tgt Ion:252 Resp: 1156799
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.6
125 11.2 8.3 12.5

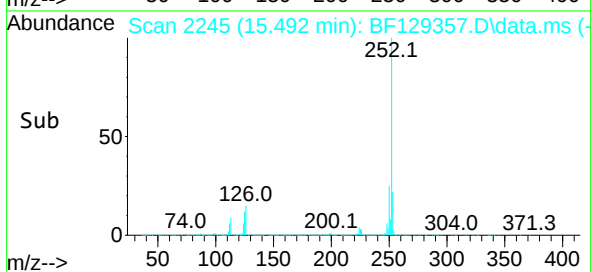
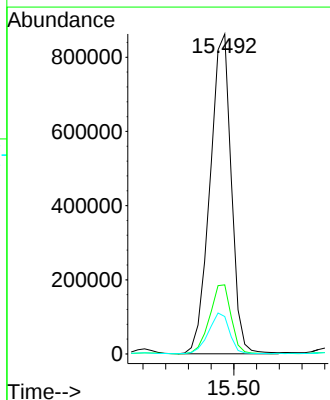
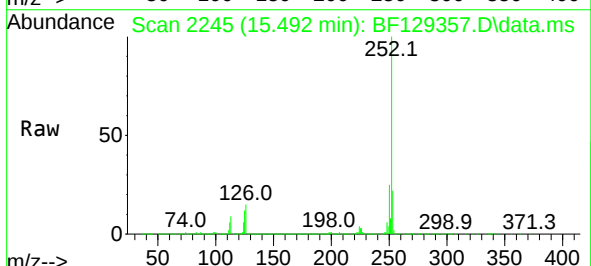
Manual Integrations
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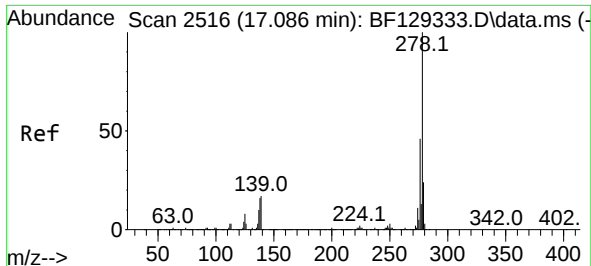
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#90
Benzo(a)pyrene
Concen: 47.886 ng
RT: 15.492 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

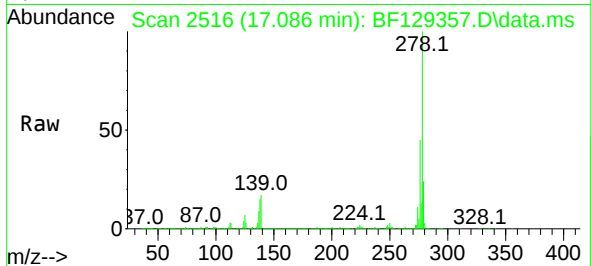
Tgt Ion:252 Resp: 1122085
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 11.7 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 53.785 ng
RT: 17.086 min Scan# 2516
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05

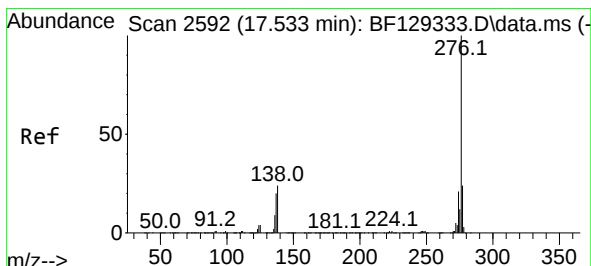
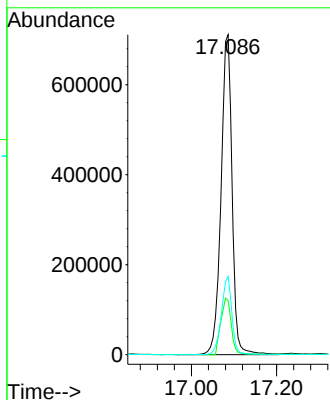
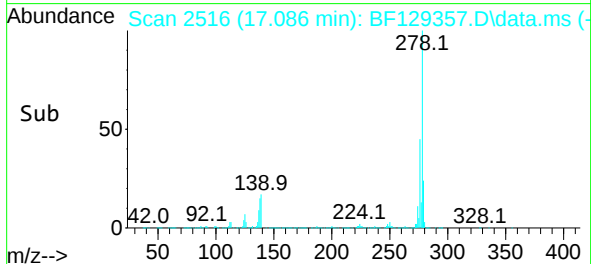
Instrument :
BNA_F
ClientSampleId :
ENV-DE-1-(10-15)MSD



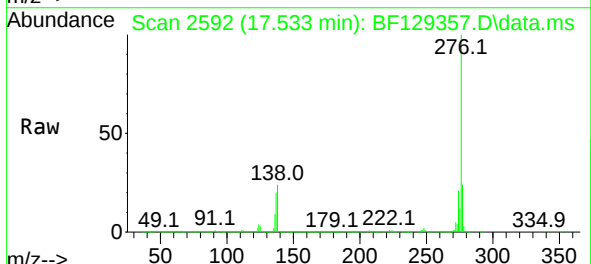
Tgt Ion:278 Resp: 1282834
Ion Ratio Lower Upper
278 100
139 16.8 12.8 19.2
279 24.4 18.6 28.0

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



#92
Benzo(g,h,i)perylene
Concen: 54.556 ng
RT: 17.533 min Scan# 2592
Delta R.T. 0.000 min
Lab File: BF129357.D
Acq: 26 Jul 2022 16:05



Tgt Ion:276 Resp: 1329646
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 23.6 18.0 27.0

