

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072622\
 Data File : BF129348.D
 Acq On : 26 Jul 2022 11:02
 Operator : CG\JU
 Sample : PB146423BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146423BSD

Manual Integrations APPROVED

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

Quant Time: Jul 27 00:38:47 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	272908	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1119445	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	577747	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	962980	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	601746	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	504629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2023227	120.767	ng	0.02
7) Phenol-d6	6.522	99	2567752	121.939	ng	0.00
23) Nitrobenzene-d5	7.451	82	1715362	83.648	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	697951	125.653	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2824320	75.623	ng	0.00
79) Terphenyl-d14	13.004	244	2886949	90.511	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.757	88	266438	35.249	ng	89
3) Pyridine	3.534	79	662434	31.558	ng	90
4) n-Nitrosodimethylamine	3.481	42	410790	44.566	ng	87
6) Aniline	6.551	93	965030	36.864	ng	99
8) 2-Chlorophenol	6.669	128	875560	47.837	ng	98
9) Benzaldehyde	6.434	77	274687	19.208	ng	98
10) Phenol	6.534	94	1017201m	45.361	ng	
11) bis(2-Chloroethyl)ether	6.622	93	828558	46.590	ng	92
12) 1,3-Dichlorobenzene	6.828	146	870853	44.363	ng	97
13) 1,4-Dichlorobenzene	6.904	146	881162	44.138	ng	98
14) 1,2-Dichlorobenzene	7.051	146	851325	46.393	ng	98
15) Benzyl Alcohol	7.028	79	709325	46.445	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1199581	44.874	ng	92
17) 2-Methylphenol	7.139	107	684822	45.101	ng	100
18) Hexachloroethane	7.398	117	338444	45.022	ng	93
19) n-Nitroso-di-n-propyla...	7.298	70	572085	44.876	ng	95
20) 3+4-Methylphenols	7.292	107	811871	42.052	ng	# 87
22) Acetophenone	7.298	105	1109166	42.557	ng	# 99
24) Nitrobenzene	7.469	77	901475	42.689	ng	97
25) Isophorone	7.710	82	1656121	45.054	ng	98
26) 2-Nitrophenol	7.786	139	471626	45.272	ng	91
27) 2,4-Dimethylphenol	7.822	122	798384	51.091	ng	97
28) bis(2-Chloroethoxy)met...	7.916	93	1024145	48.028	ng	99
29) 2,4-Dichlorophenol	8.028	162	695842	43.142	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	712137	42.656	ng	98
31) Naphthalene	8.192	128	2348029	41.284	ng	99
32) Benzoic acid	7.951	122	524513	46.429	ng	97
33) 4-Chloroaniline	8.239	127	641569	27.476	ng	97
34) Hexachlorobutadiene	8.304	225	406652	42.851	ng	99
35) Caprolactam	8.622	113	236795m	45.158	ng	
36) 4-Chloro-3-methylphenol	8.722	107	751241	43.915	ng	94
37) 2-Methylnaphthalene	8.880	142	1545862	41.825	ng	98
38) 1-Methylnaphthalene	8.980	142	1485585	41.637	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	646803	42.636	ng	# 97
41) Hexachlorocyclopentadiene	9.033	237	729345	107.967	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	472718	42.903	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	506843	42.299	ng	# 92
46) 1,1'-Biphenyl	9.351	154	1802259	42.744	ng	99
47) 2-Chloronaphthalene	9.374	162	1433269	42.049	ng	99
48) 2-Nitroaniline	9.475	65	479832	42.335	ng	87
49) Acenaphthylene	9.792	152	2284221	44.103	ng	99
50) Dimethylphthalate	9.651	163	1698451	42.585	ng	99
51) 2,6-Dinitrotoluene	9.716	165	392603	43.981	ng	99
52) Acenaphthene	9.963	154	1568894m	46.379	ng	
53) 3-Nitroaniline	9.886	138	323416	30.682	ng	# 90
54) 2,4-Dinitrophenol	9.992	184	419255	92.000	ng	96
55) Dibenzofuran	10.139	168	1962441	42.083	ng	99
56) 4-Nitrophenol	10.051	139	644236	82.842	ng	98
57) 2,4-Dinitrotoluene	10.122	165	514771	44.143	ng	98
58) Fluorene	10.480	166	1505700	40.355	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	383451	41.410	ng	91
60) Diethylphthalate	10.351	149	1628014	42.226	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	696745	42.357	ng	92
62) 4-Nitroaniline	10.510	138	418492	40.021	ng	92
63) Azobenzene	10.627	77	1630237	41.456	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	271787	44.716	ng	84
66) n-Nitrosodiphenylamine	10.592	169	1365150	42.568	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	464584	44.058	ng	96
68) Hexachlorobenzene	11.027	284	502051	43.940	ng	99
69) Atrazine	11.116	200	427580	43.895	ng	96
70) Pentachlorophenol	11.221	266	540020	86.940	ng	99
71) Phenanthrene	11.445	178	2202551	41.900	ng	100
72) Anthracene	11.498	178	2189980	42.394	ng	99
73) Carbazole	11.651	167	2083529	42.847	ng	100
74) Di-n-butylphthalate	11.974	149	2461352	42.503	ng	99
75) Fluoranthene	12.633	202	2246252	42.174	ng	97
77) Benzidine	12.757	184	700854	32.969	ng	99
78) Pyrene	12.868	202	2225582	44.229	ng	100
80) Butylbenzylphthalate	13.474	149	993780	45.532	ng	99
81) Benzo(a)anthracene	14.051	228	1762705	42.883	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	492147	36.263	ng	# 97
83) Chrysene	14.092	228	1636500	42.243	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1336921	46.526	ng	98
85) Di-n-octyl phthalate	14.645	149	1932890	46.745	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	1579381	46.477	ng	99
88) Benzo(b)fluoranthene	15.115	252	1525356	45.569	ng	98
89) Benzo(k)fluoranthene	15.145	252	1481190	45.154	ng	99
90) Benzo(a)pyrene	15.492	252	1435331	52.822	ng	97
91) Dibenzo(a,h)anthracene	17.086	278	1352292	48.893	ng	98
92) Benzo(g,h,i)perylene	17.527	276	1401597	49.592	ng	97

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

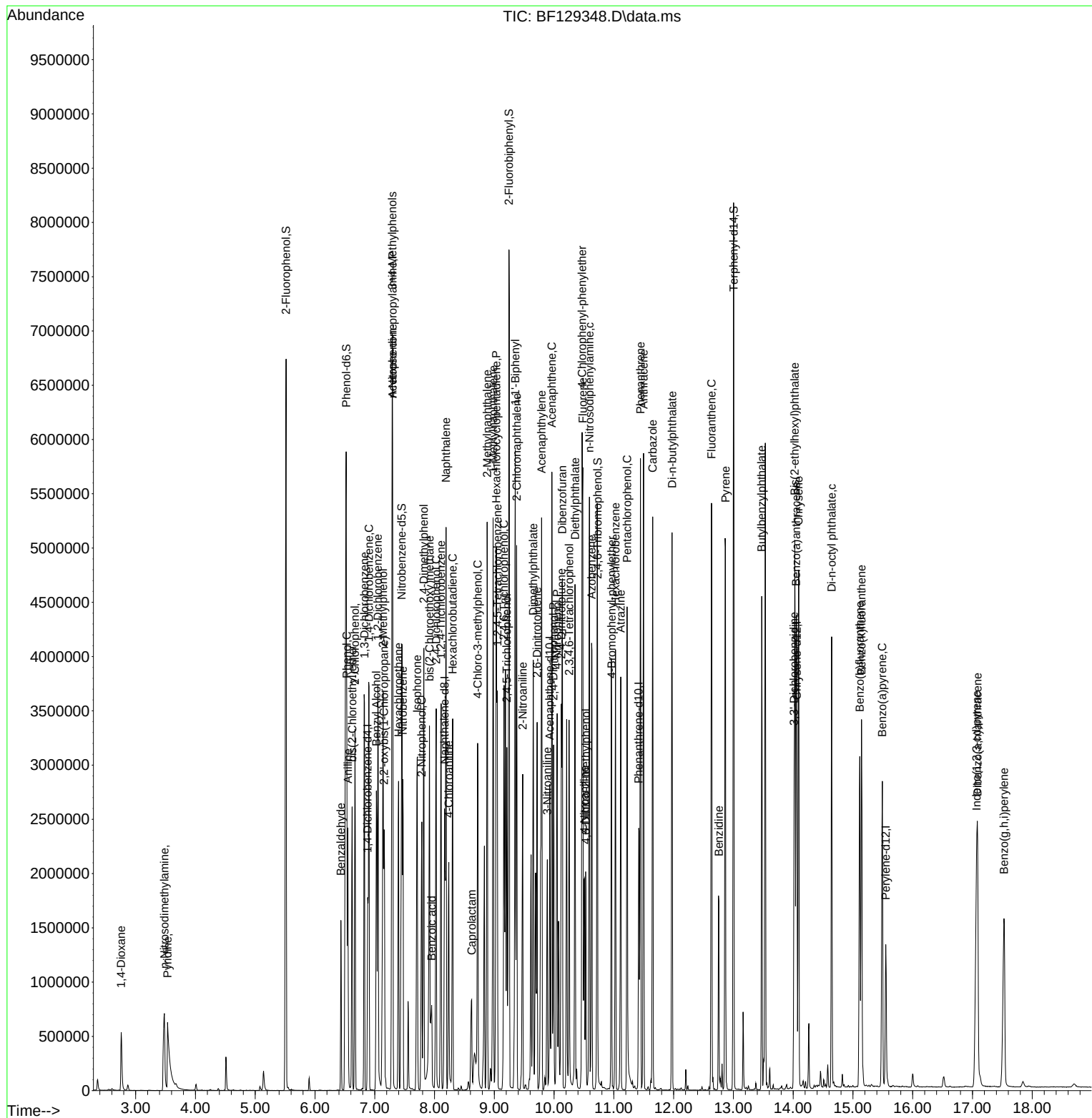
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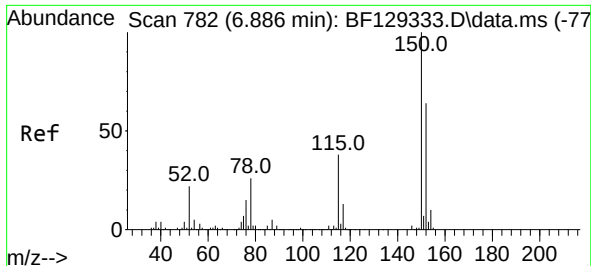
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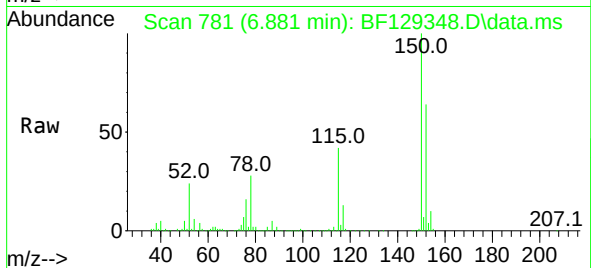
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB146423BSD

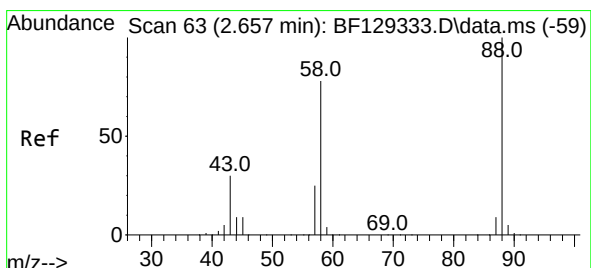
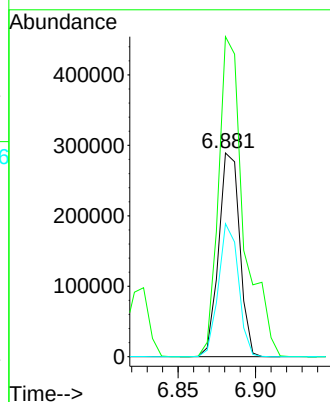
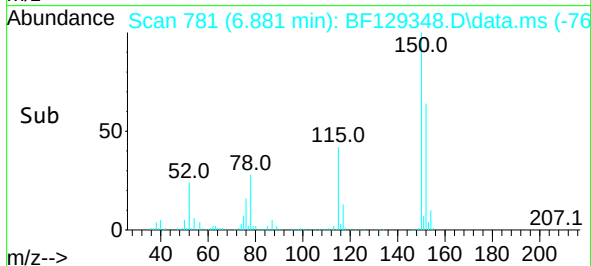


Tgt Ion:152 Resp: 272908
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 65.3 49.9 74.9

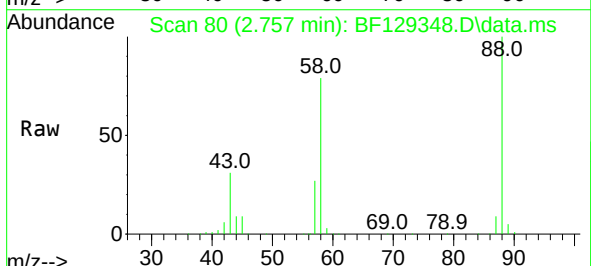
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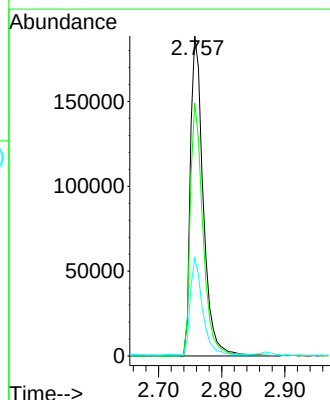
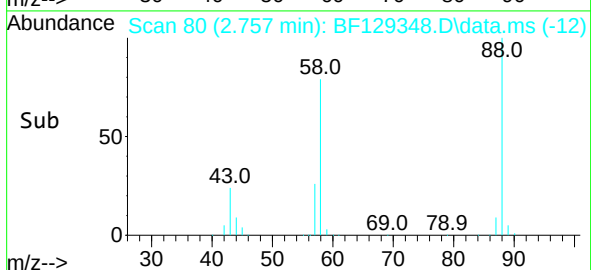
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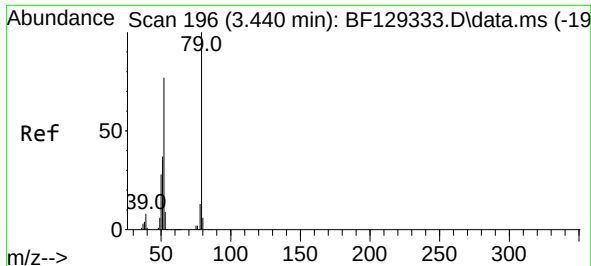


#2
1,4-Dioxane
Concen: 35.249 ng
RT: 2.757 min Scan# 80
Delta R.T. 0.100 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



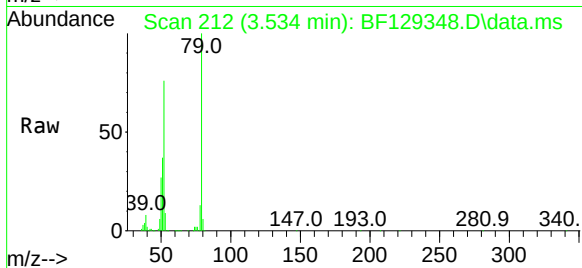
Tgt Ion: 88 Resp: 266438
Ion Ratio Lower Upper
88 100
58 78.3 71.8 107.8
43 28.6 26.6 39.8





#3
Pyridine
Concen: 31.558 ng
RT: 3.534 min Scan# 212
Delta R.T. 0.094 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

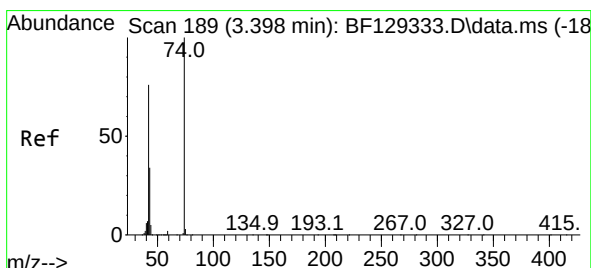
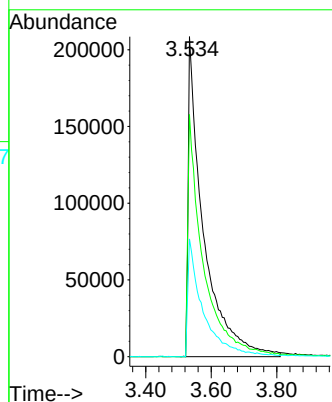
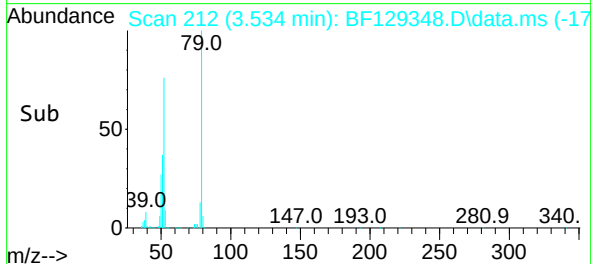
Instrument :
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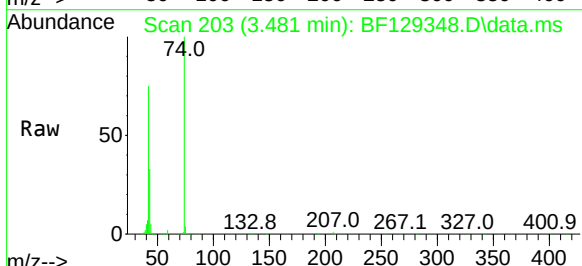
Tgt Ion: 79 Resp: 662434
Ion Ratio Lower Upper
79 100
52 75.7 68.6 102.8
51 36.8 32.9 49.3

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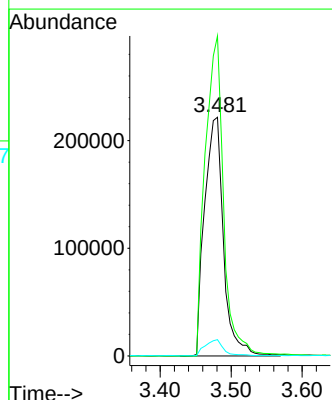
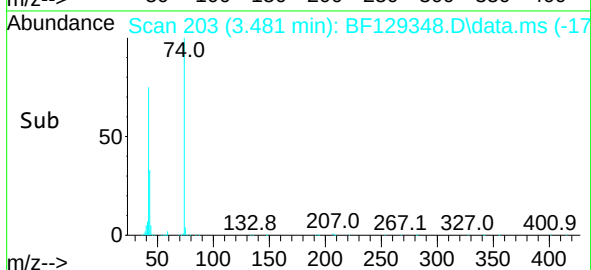
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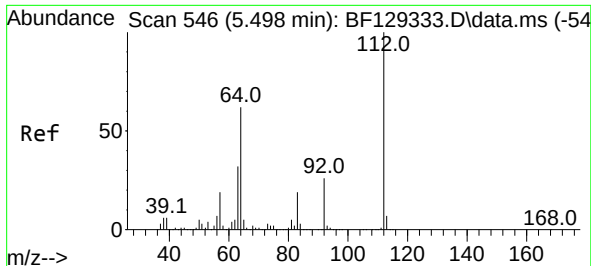


#4
n-Nitrosodimethylamine
Concen: 44.566 ng
RT: 3.481 min Scan# 203
Delta R.T. 0.082 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



Tgt Ion: 42 Resp: 410790
Ion Ratio Lower Upper
42 100
74 134.0 94.8 142.2
44 6.9 6.6 10.0





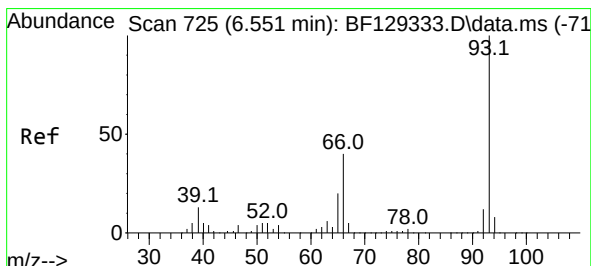
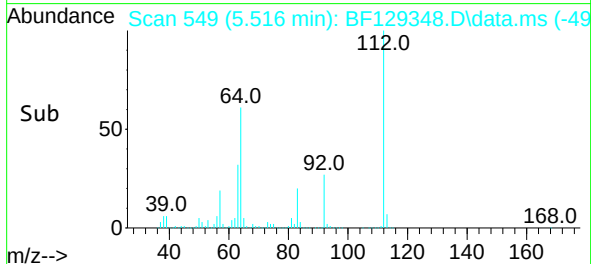
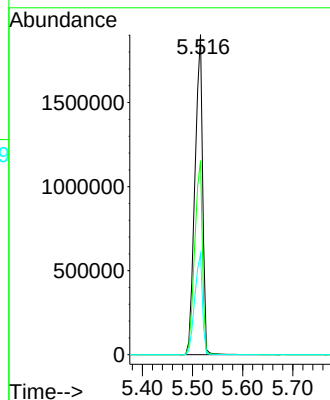
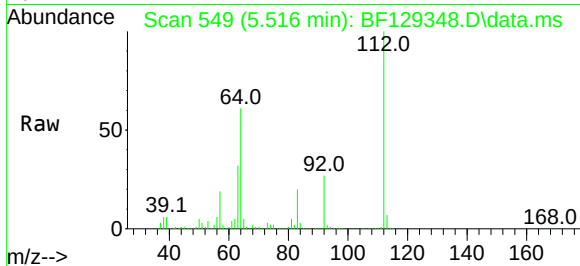
#5
2-Fluorophenol
Concen: 120.767 ng
RT: 5.516 min Scan# 546
Delta R.T. 0.018 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

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ClientSampleId :
PB146423BSD

Tgt Ion: 112 Resp: 2023227
Ion Ratio Lower Upper
112 100
64 60.6 53.3 79.9
63 31.6 28.0 42.0

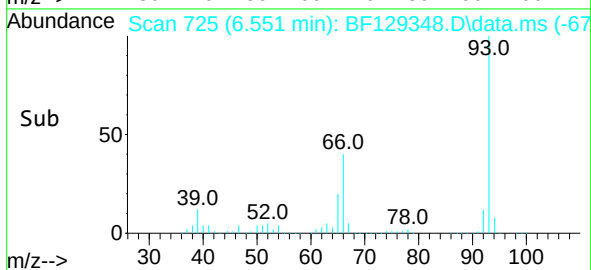
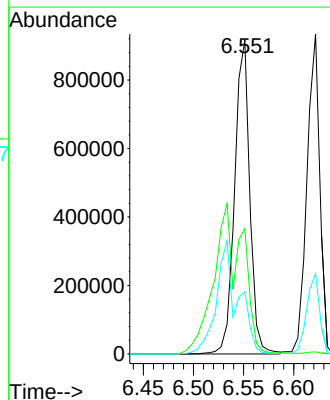
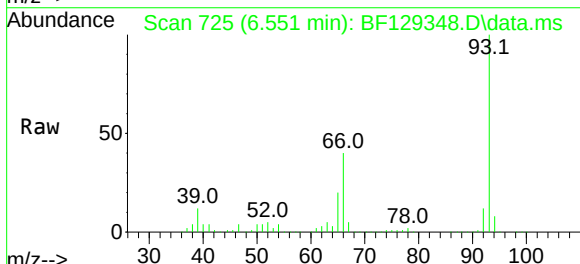
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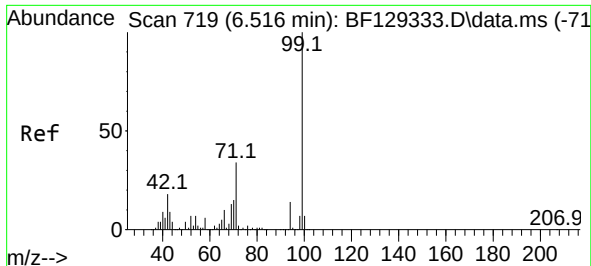
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#6
Aniline
Concen: 36.864 ng
RT: 6.551 min Scan# 725
Delta R.T. -0.000 min
Lab File: BF129348.D
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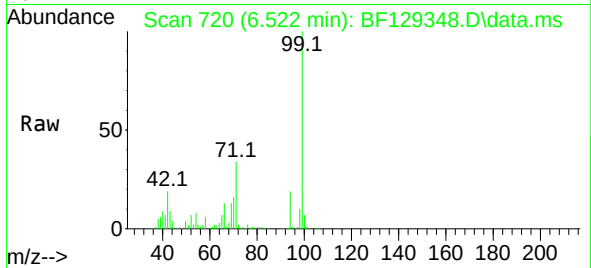
Tgt Ion: 93 Resp: 965030
Ion Ratio Lower Upper
93 100
66 39.9 32.5 48.7
65 19.8 16.4 24.6





#7
Phenol-d6
Concen: 121.939 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

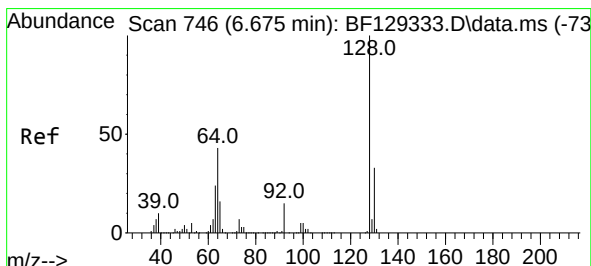
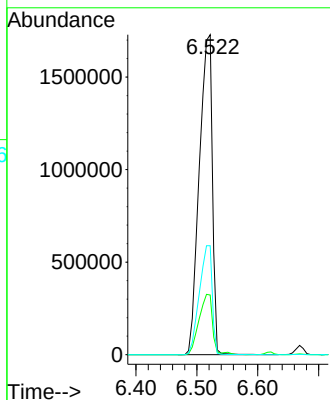
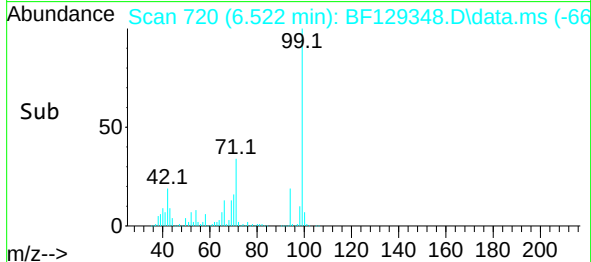
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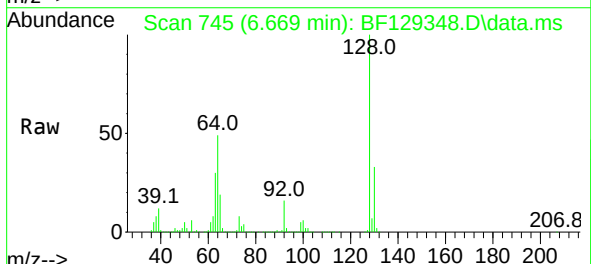
Tgt Ion: 99 Resp: 256775
Ion Ratio Lower Upper
99 100
42 18.7 17.3 25.9
71 34.1 28.9 43.3

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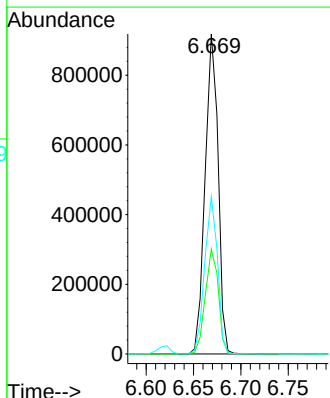
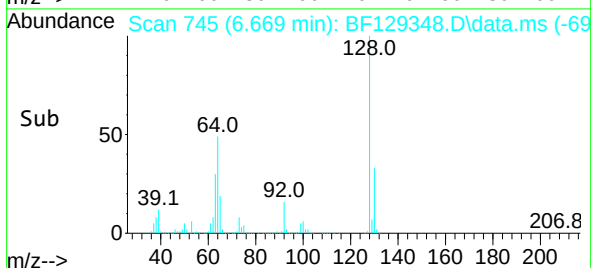
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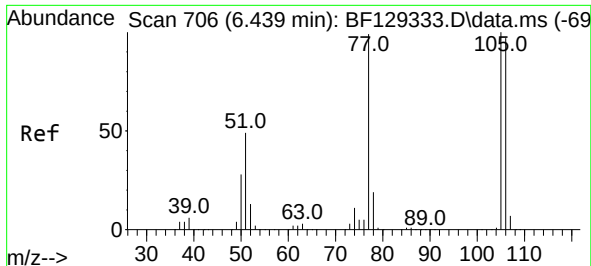


#8
2-Chlorophenol
Concen: 47.837 ng
RT: 6.669 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



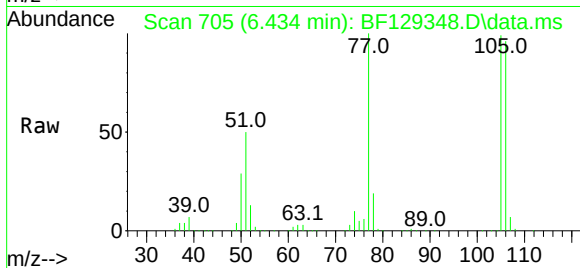
Tgt Ion:128 Resp: 875560
Ion Ratio Lower Upper
128 100
130 32.8 13.1 53.1
64 49.2 30.9 70.9





#9
Benzaldehyde
Concen: 19.208 ng
RT: 6.434 min Scan# 706
Delta R.T. -0.006 min
Lab File: BF129348.D
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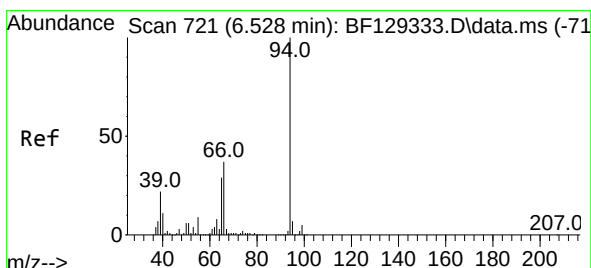
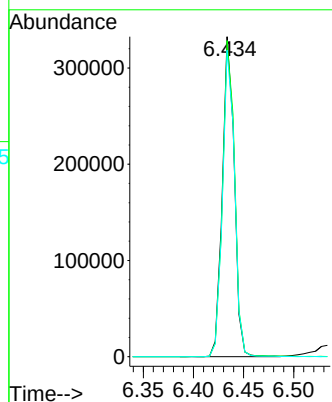
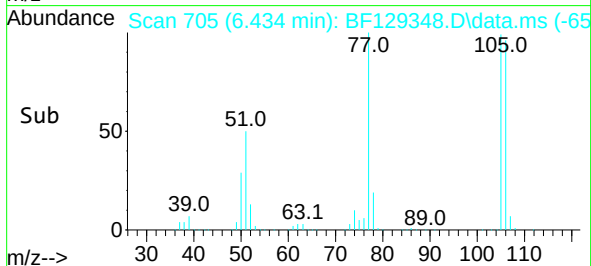
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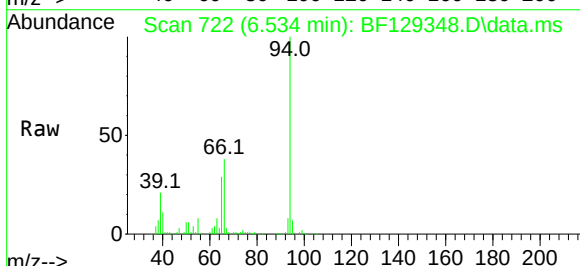
Tgt Ion: 77 Resp: 27468
Ion Ratio Lower Upper
77 100
105 98.8 81.6 121.6
106 95.7 76.1 116.1

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APPROVED

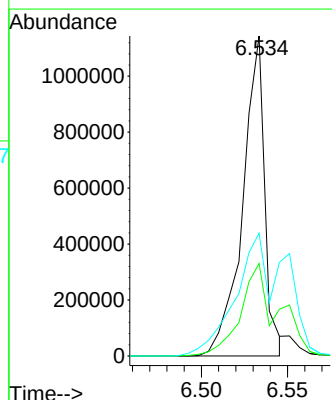
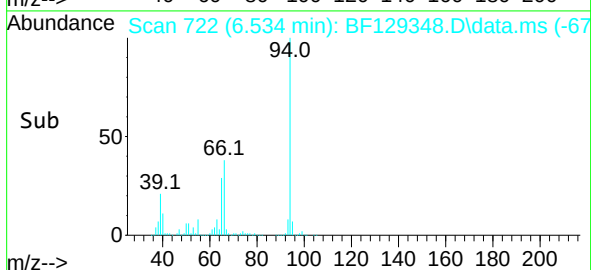
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

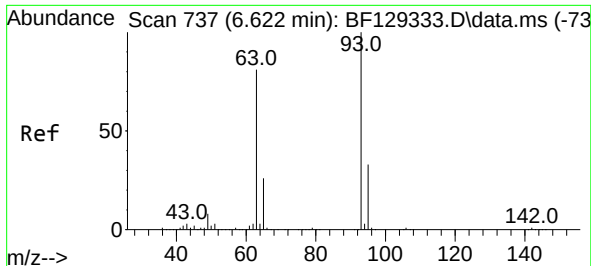


#10
Phenol
Concen: 45.361 ng m
RT: 6.534 min Scan# 722
Delta R.T. 0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



Tgt Ion: 94 Resp: 1017201
Ion Ratio Lower Upper
94 100
65 28.9 11.4 51.4
66 38.4 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 46.590 ng

RT: 6.622 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF129348.D

Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB146423BSD

Tgt Ion: 93 Resp: 828558

Ion Ratio Lower Upper

93 100

63 78.4 67.4 107.4

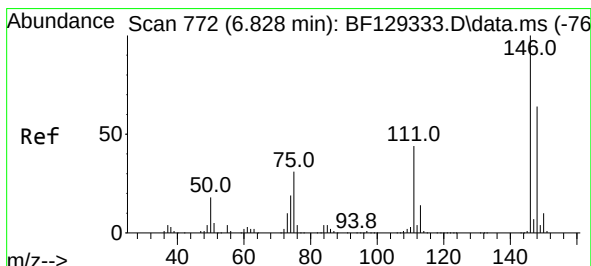
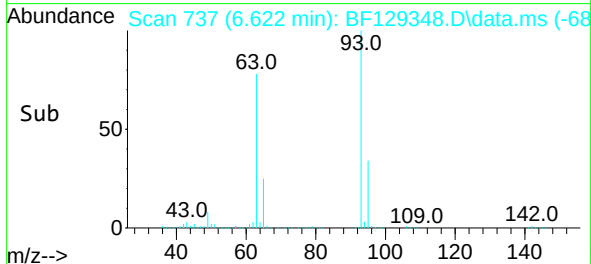
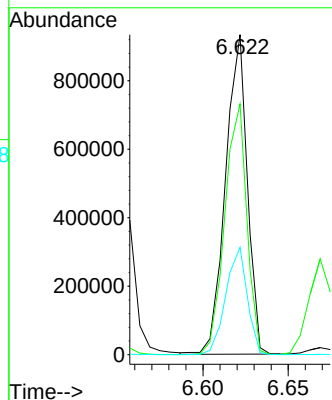
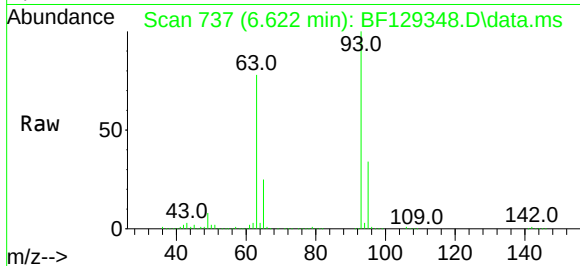
95 33.6 12.7 52.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#12

1,3-Dichlorobenzene

Concen: 44.363 ng

RT: 6.828 min Scan# 772

Delta R.T. -0.000 min

Lab File: BF129348.D

Acq: 26 Jul 2022 11:02

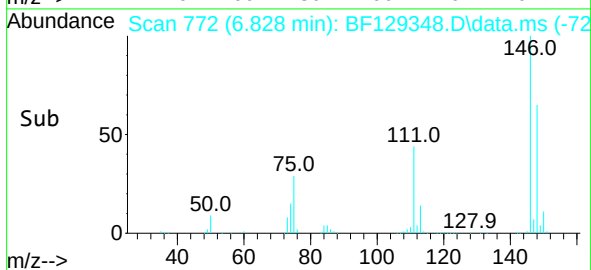
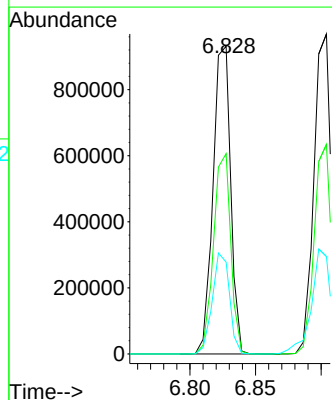
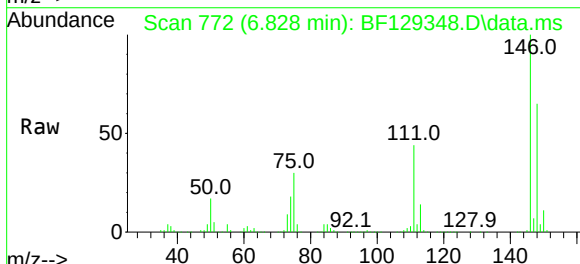
Tgt Ion:146 Resp: 870853

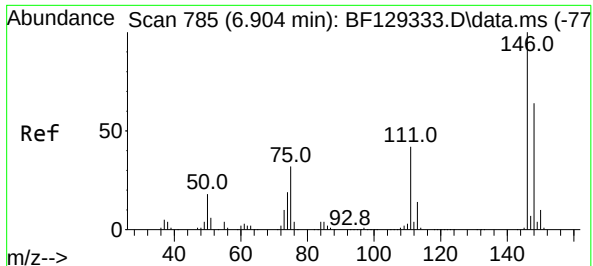
Ion Ratio Lower Upper

146 100

148 65.1 50.6 75.8

75 29.8 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 44.138 ng

RT: 6.904 min Scan# 7

Delta R.T. -0.000 min

Lab File: BF129348.D

Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB146423BSD

Tgt Ion:146 Resp: 88116

Ion Ratio Lower Upper

146 100

148 65.5 51.1 76.7

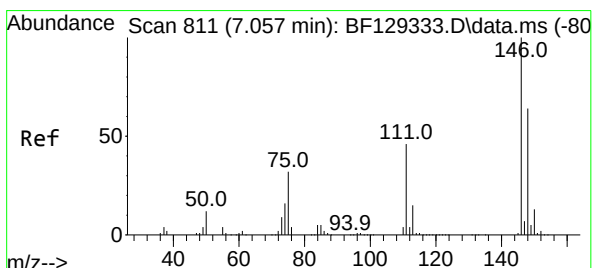
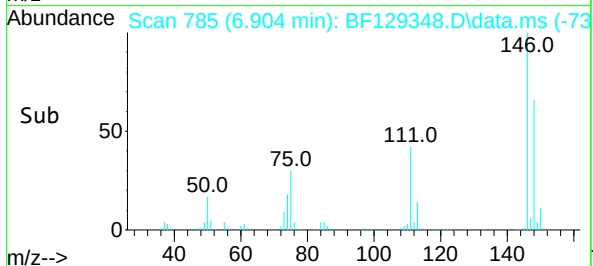
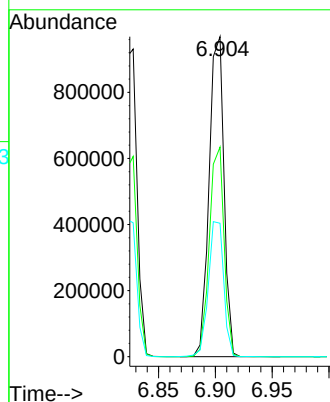
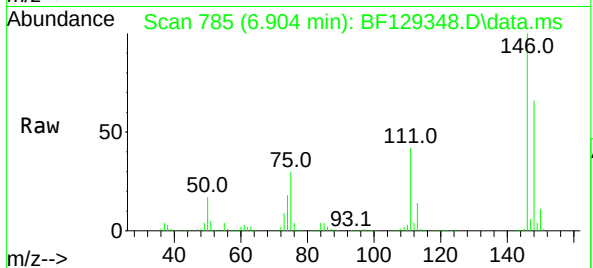
111 41.7 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#14

1,2-Dichlorobenzene

Concen: 46.393 ng

RT: 7.051 min Scan# 810

Delta R.T. -0.006 min

Lab File: BF129348.D

Acq: 26 Jul 2022 11:02

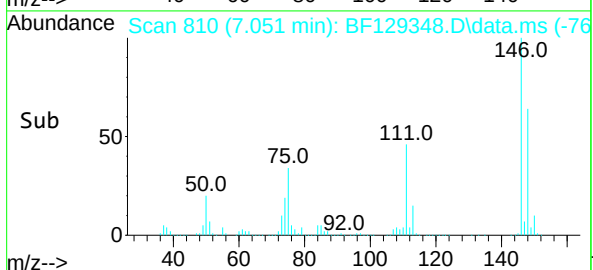
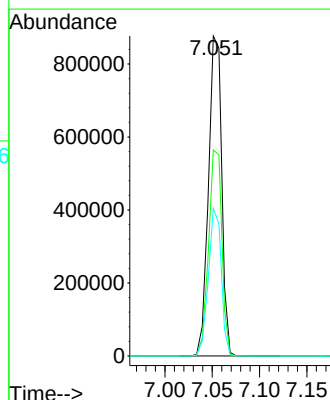
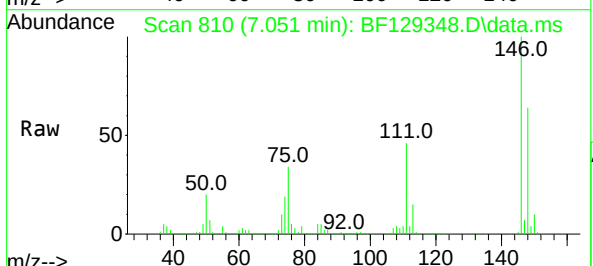
Tgt Ion:146 Resp: 851325

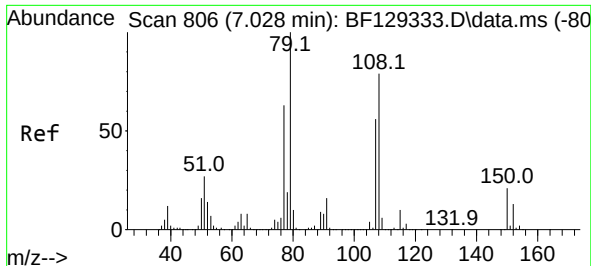
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

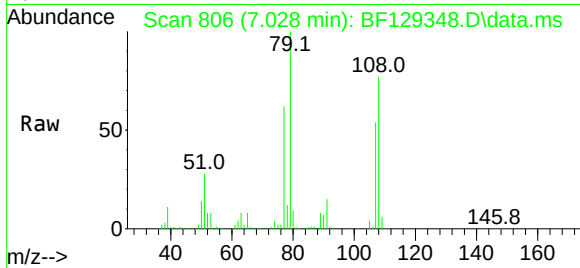
111 46.1 35.1 52.7





#15
Benzyl Alcohol
Concen: 46.445 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

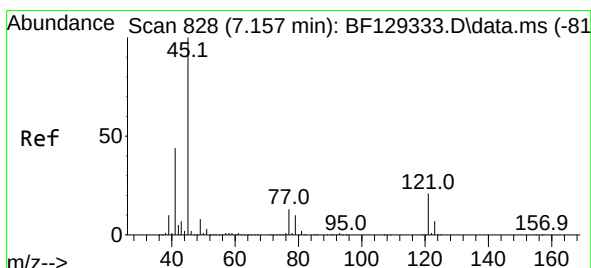
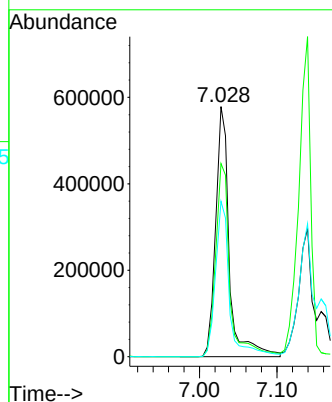
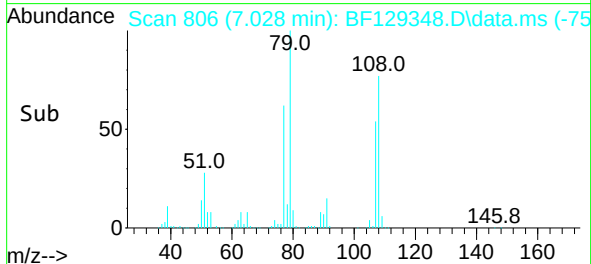
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



Tgt Ion: 79 Resp: 70932
Ion Ratio Lower Upper
79 100
108 77.2 61.8 92.6
77 62.1 50.2 75.4

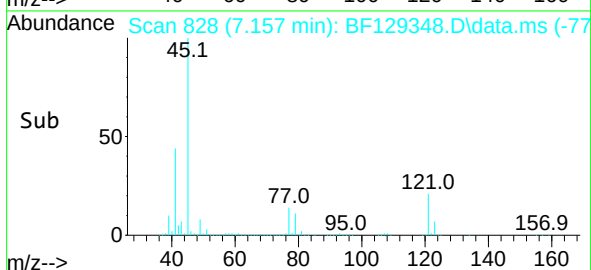
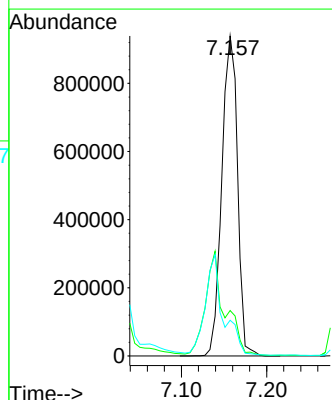
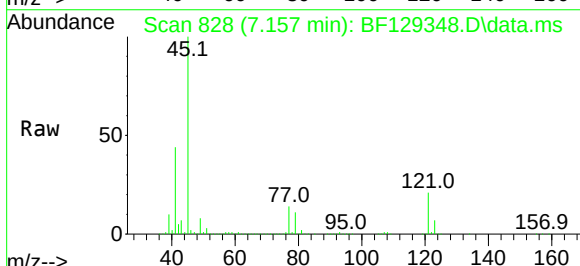
Manual Integrations
APPROVED

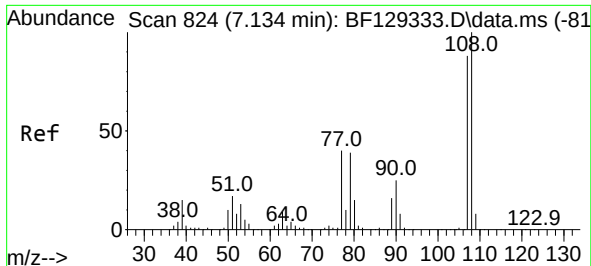
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.874 ng
RT: 7.157 min Scan# 828
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

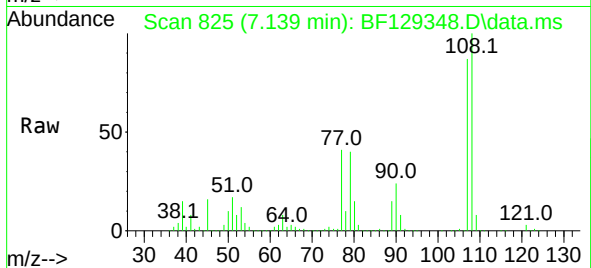
Tgt Ion: 45 Resp: 1199581
Ion Ratio Lower Upper
45 100
77 14.2 0.0 31.3
79 11.1 0.0 28.3





#17
2-Methylphenol
Concen: 45.101 ng
RT: 7.139 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

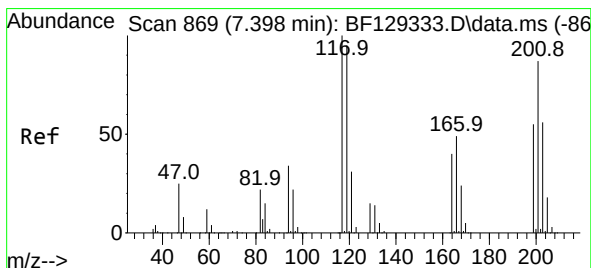
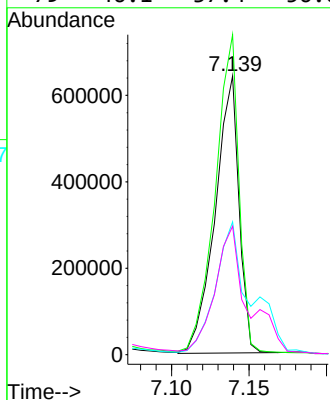
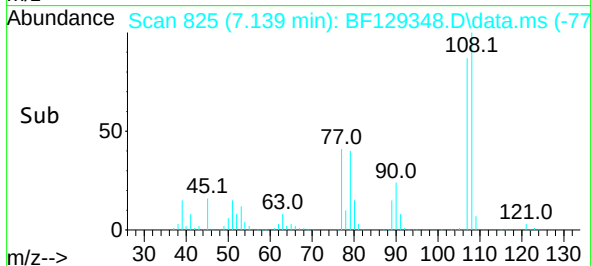
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



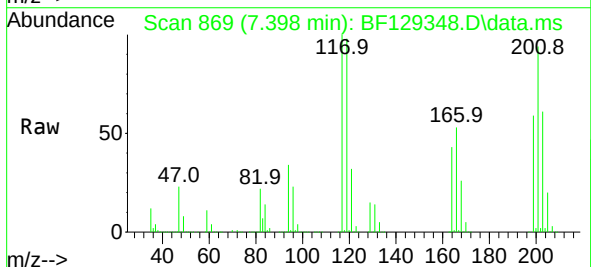
Tgt Ion:107 Resp: 68482
Ion Ratio Lower Upper
107 100
108 114.8 91.9 137.9
77 47.6 37.8 56.8
79 46.1 37.4 56.0

Manual Integrations
APPROVED

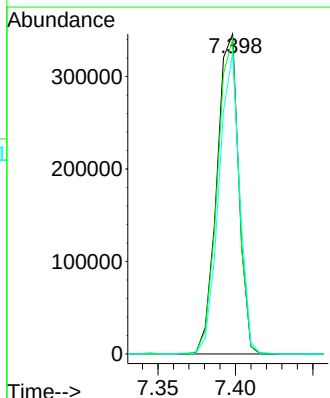
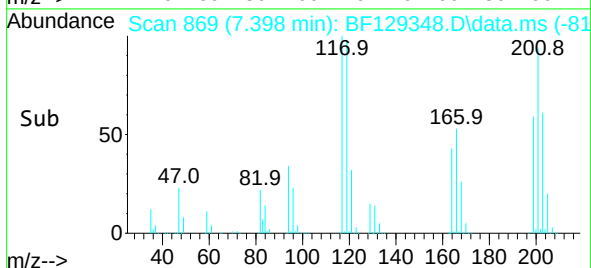
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

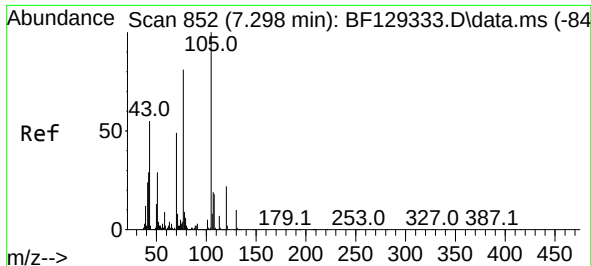


#18
Hexachloroethane
Concen: 45.022 ng
RT: 7.398 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



Tgt Ion:117 Resp: 338444
Ion Ratio Lower Upper
117 100
119 98.5 77.4 116.2
201 94.0 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 44.876 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

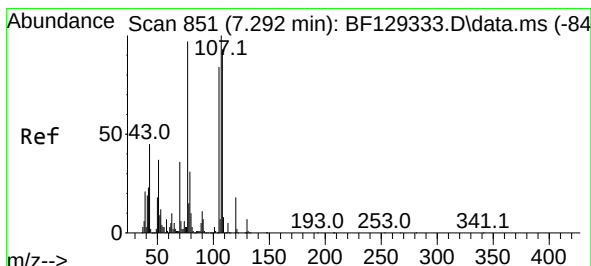
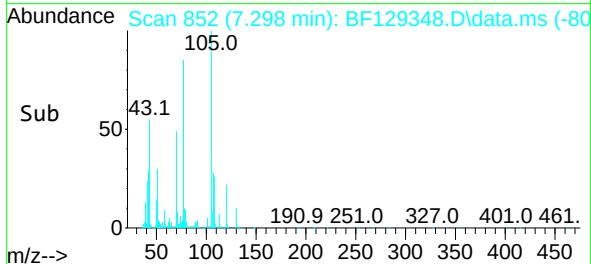
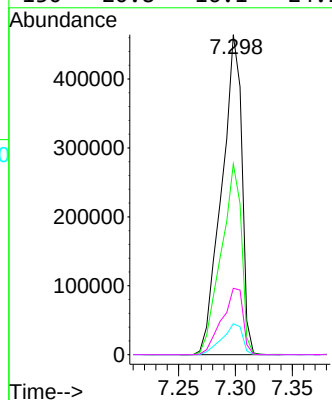
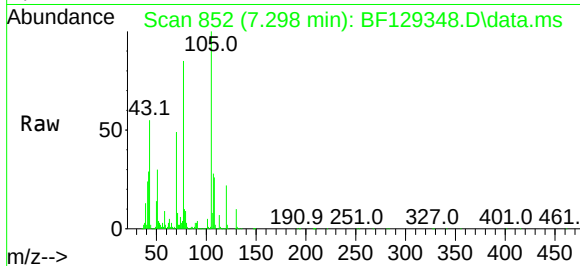
ClientSampleId :

PB146423BSD

Tgt Ion: 70 Resp: 572085
Ion Ratio Lower Upper
70 100
42 59.6 52.3 78.5
101 9.7 7.5 11.3
130 20.8 16.1 24.1

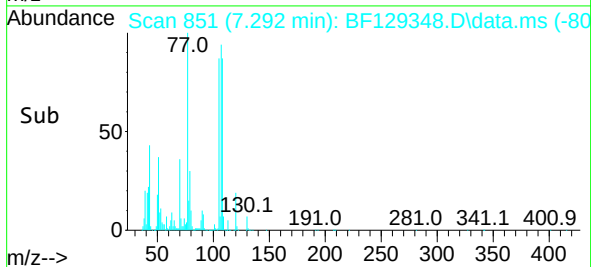
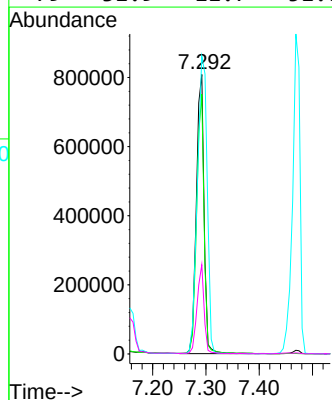
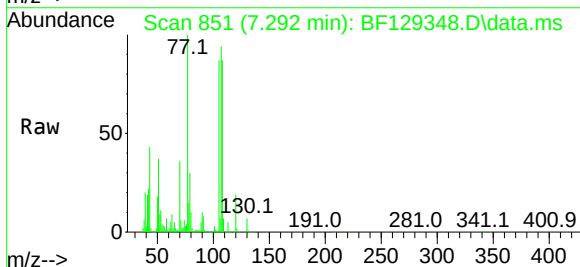
Manual Integrations
APPROVED

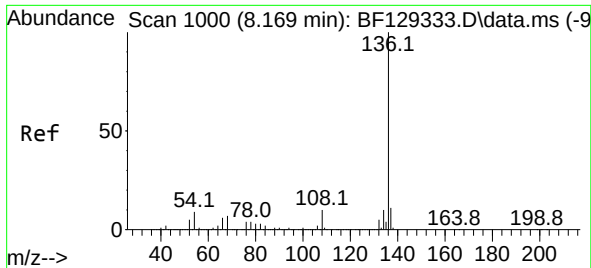
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#20
3+4-Methylphenols
Concen: 42.052 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Tgt Ion:107 Resp: 811871
Ion Ratio Lower Upper
107 100
108 92.9 71.8 111.8
77 106.5 59.3 99.3#
79 31.9 11.7 51.7





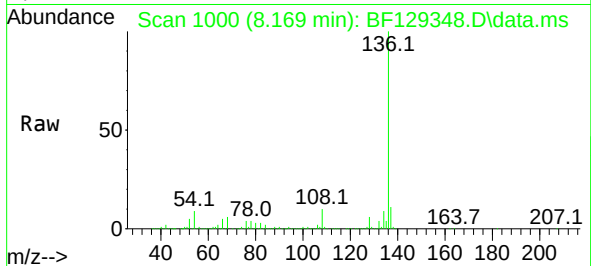
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB146423BSD

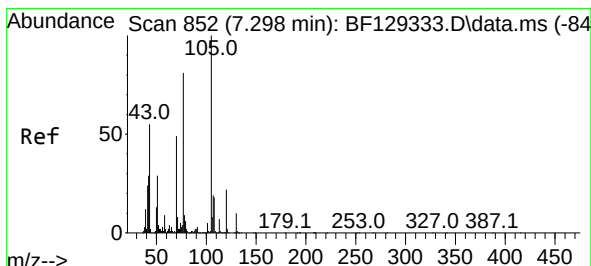
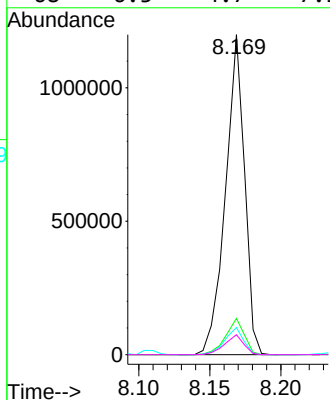
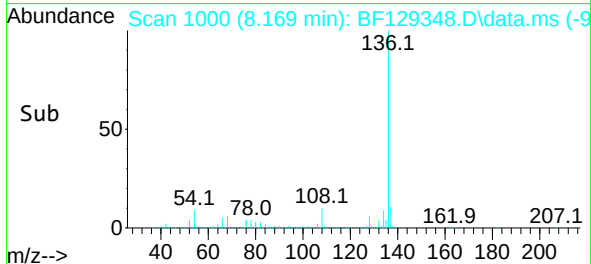


Tgt Ion:136 Resp: 111944
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.5 7.5 11.3
68 6.3 4.7 7.1

Manual Integrations

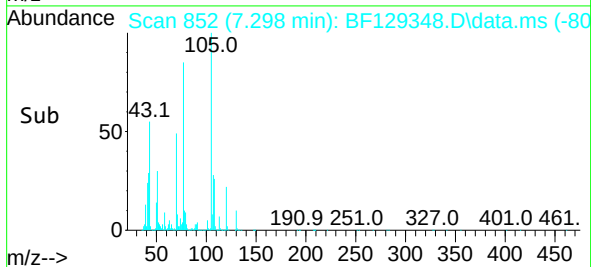
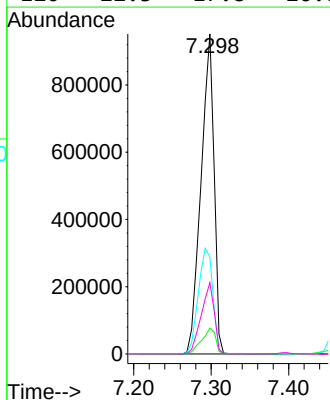
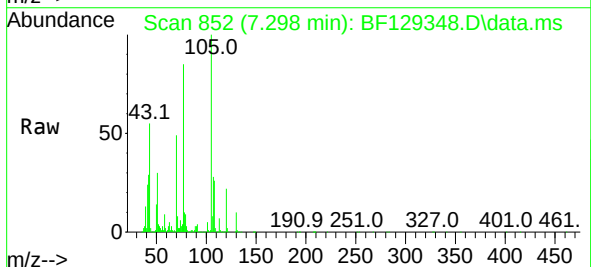
APPROVED

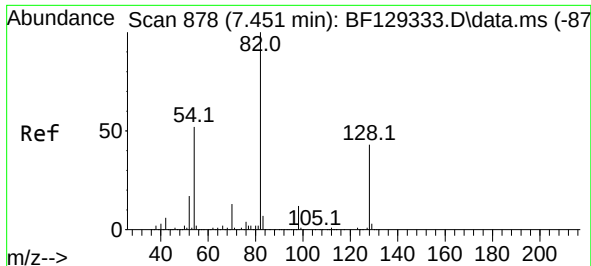
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#22
Acetophenone
Concen: 42.557 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Tgt Ion:105 Resp: 1109166
Ion Ratio Lower Upper
105 100
71 8.1 5.0 7.4#
51 30.3 25.0 37.4
120 22.3 17.8 26.8





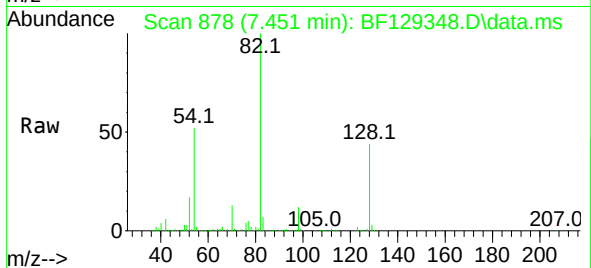
#23
Nitrobenzene-d5
Concen: 83.648 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB146423BSD

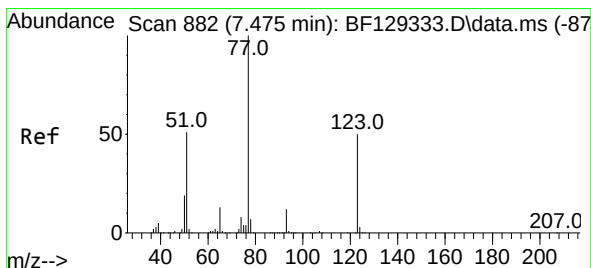
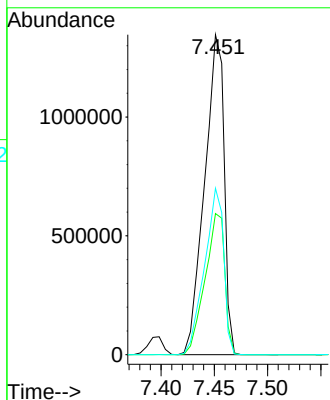
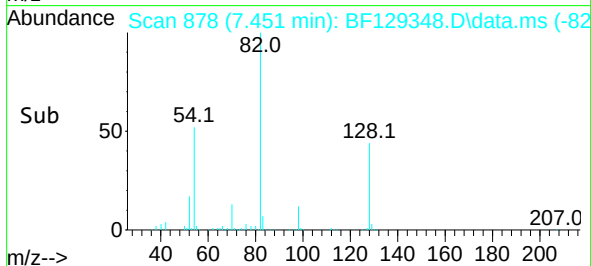


Tgt Ion: 82 Resp: 171536
Ion Ratio Lower Upper
82 100
128 44.1 34.0 51.0
54 52.0 46.9 70.3

Manual Integrations

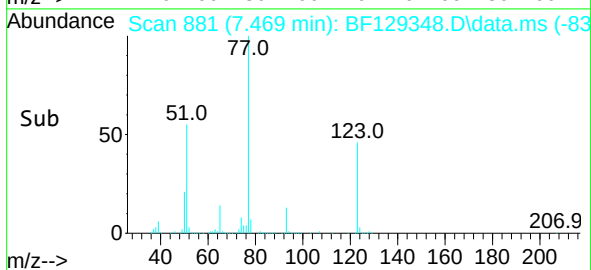
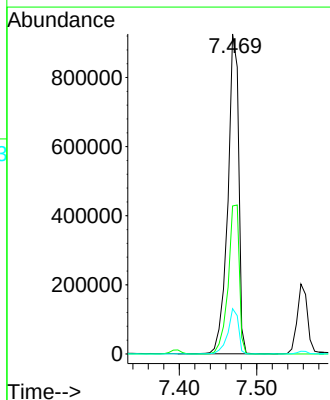
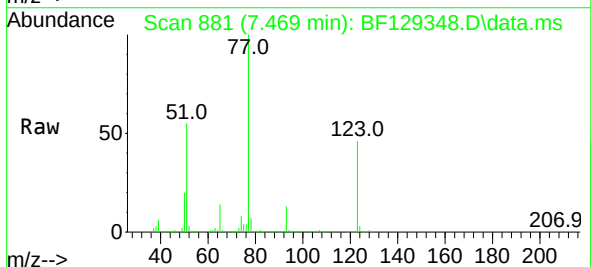
APPROVED

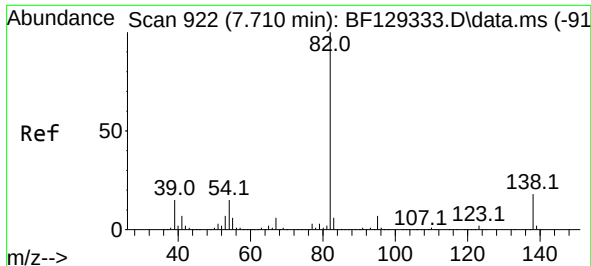
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#24
Nitrobenzene
Concen: 42.689 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

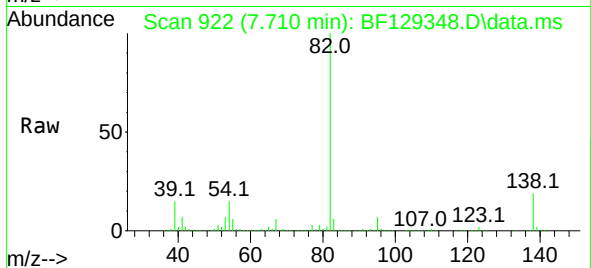
Tgt Ion: 77 Resp: 901475
Ion Ratio Lower Upper
77 100
123 46.3 35.4 53.2
65 14.2 11.8 17.8





#25
Isophorone
Concen: 45.054 ng
RT: 7.710 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

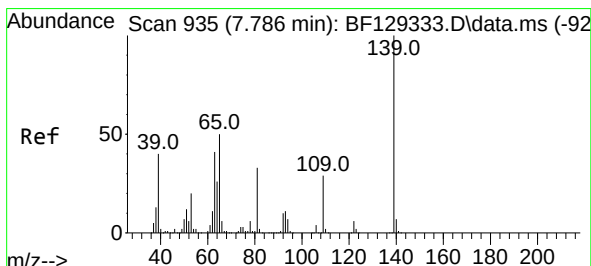
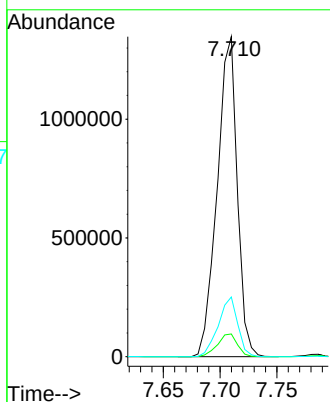
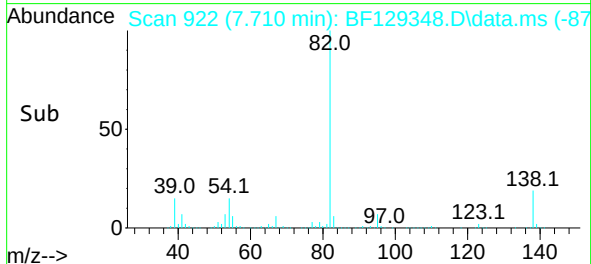
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



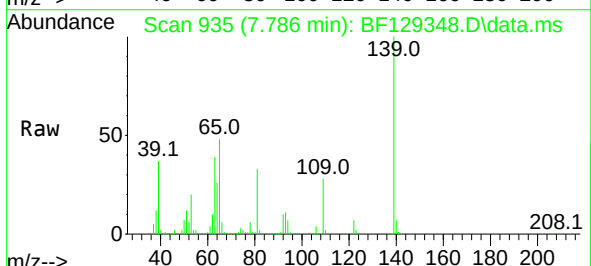
Tgt Ion: 82 Resp: 165612
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 18.6 14.2 21.2

Manual Integrations
APPROVED

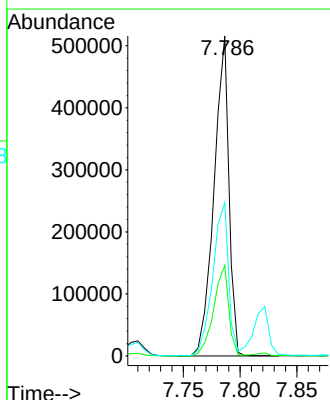
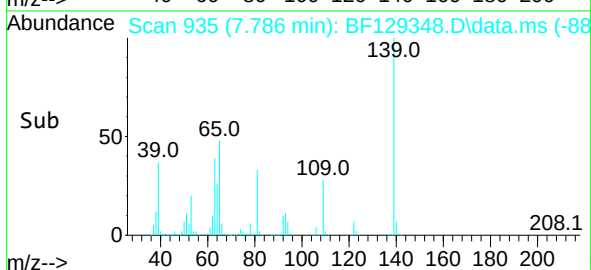
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

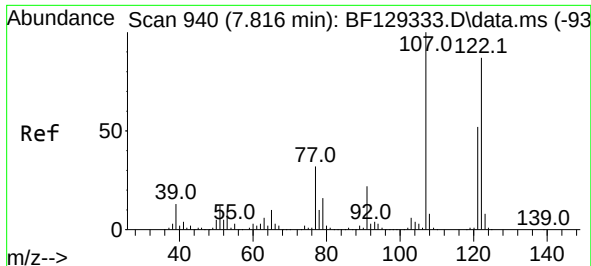


#26
2-Nitrophenol
Concen: 45.272 ng
RT: 7.786 min Scan# 935
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



Tgt Ion:139 Resp: 471626
Ion Ratio Lower Upper
139 100
109 28.3 25.0 37.4
65 47.9 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 51.091 ng

RT: 7.822 min Scan# 941

Delta R.T. 0.006 min

Lab File: BF129348.D

Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

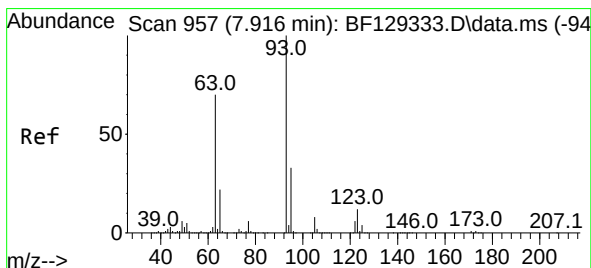
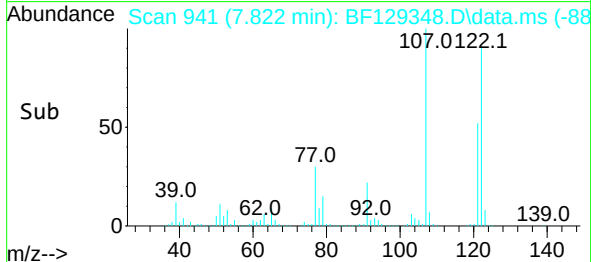
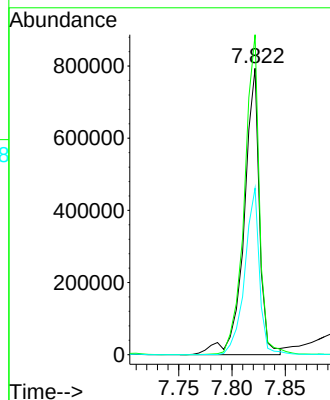
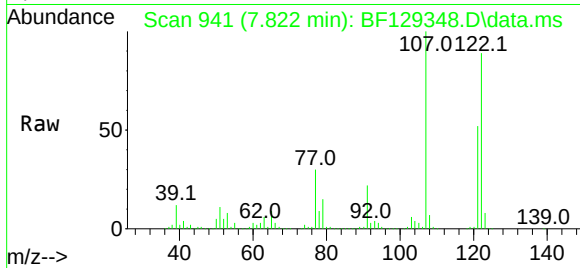
PB146423BSD

Tgt Ion:122 Resp: 798384
 Ion Ratio Lower Upper
 122 100
 107 111.7 93.0 139.6
 121 58.2 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: 48.028 ng

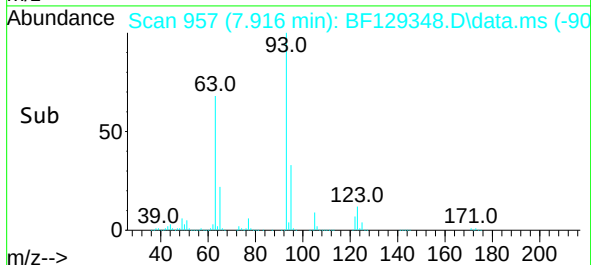
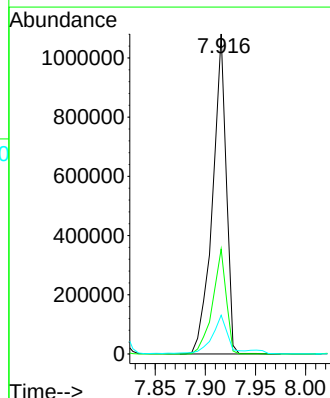
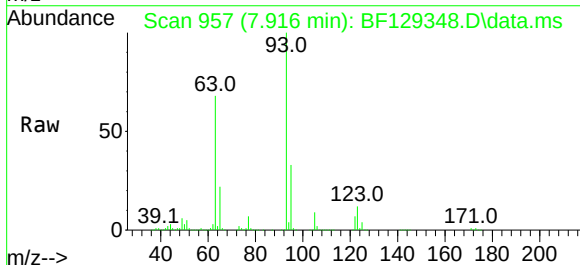
RT: 7.916 min Scan# 957

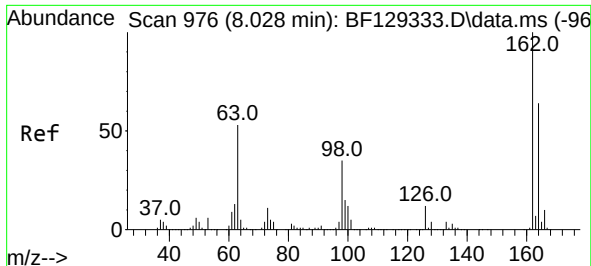
Delta R.T. -0.000 min

Lab File: BF129348.D

Acq: 26 Jul 2022 11:02

Tgt Ion: 93 Resp: 1024145
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.8 40.2
 123 12.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 43.142 ng

RT: 8.028 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF129348.D

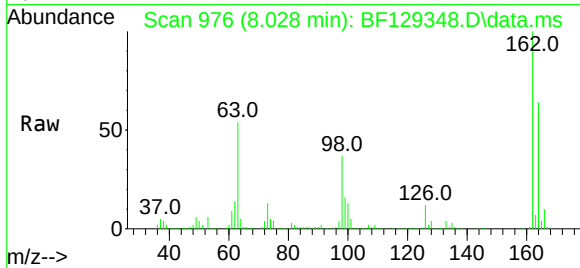
Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB146423BSD



Tgt Ion:162 Resp: 69584

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

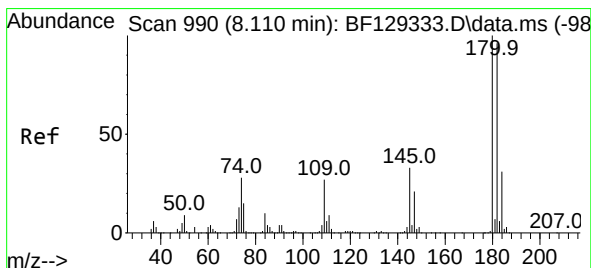
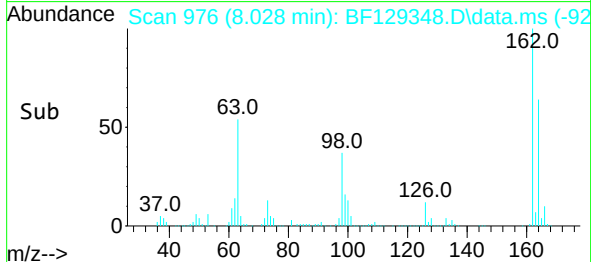
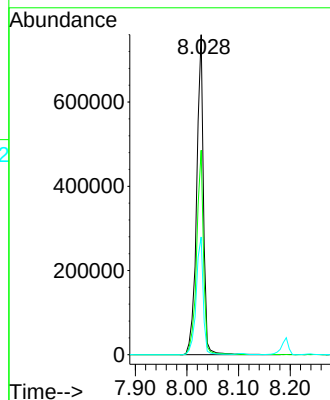
98 36.8 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.656 ng

RT: 8.110 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF129348.D

Acq: 26 Jul 2022 11:02

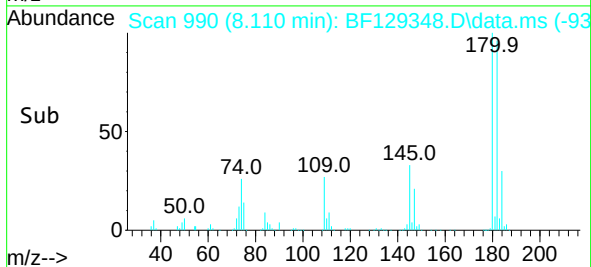
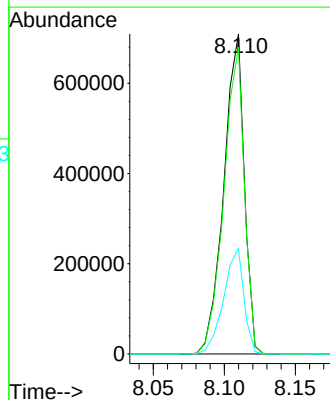
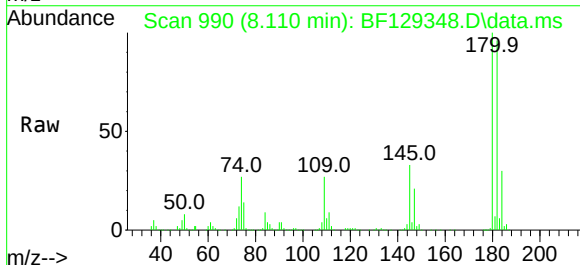
Tgt Ion:180 Resp: 712137

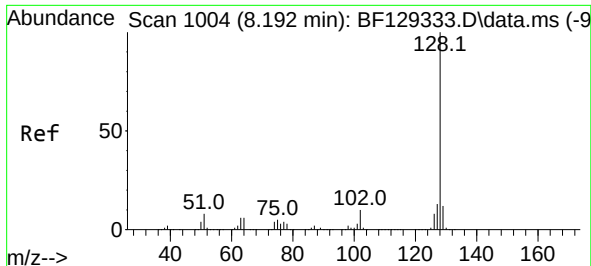
Ion Ratio Lower Upper

180 100

182 95.9 79.2 118.8

145 33.0 26.2 39.2





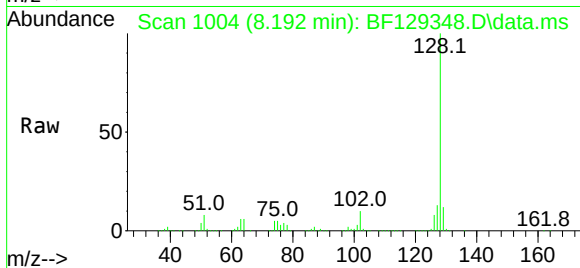
#31
Naphthalene
Concen: 41.284 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB146423BSD

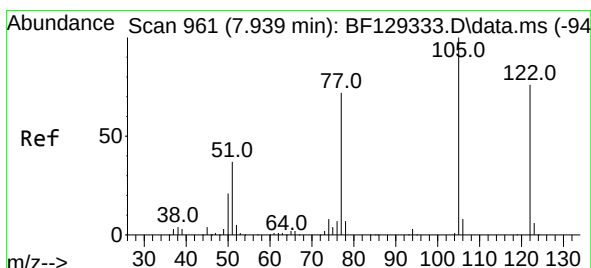
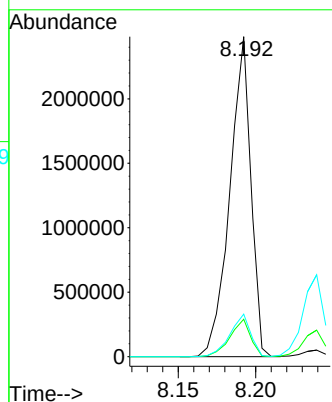
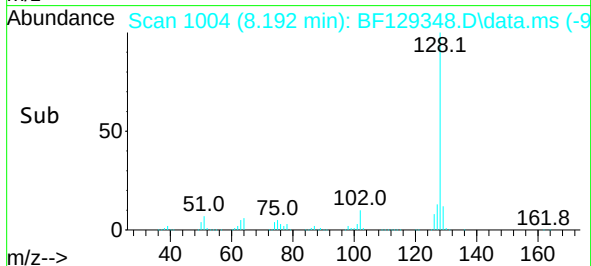


Tgt Ion:128 Resp: 2348029
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.3 10.5 15.7

Manual Integrations

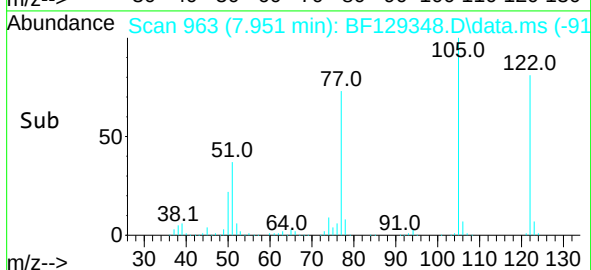
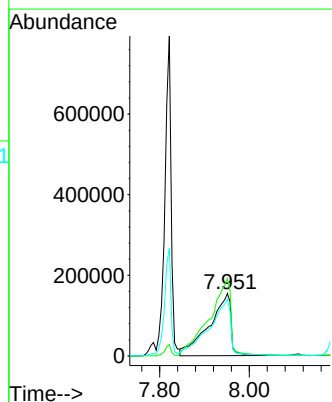
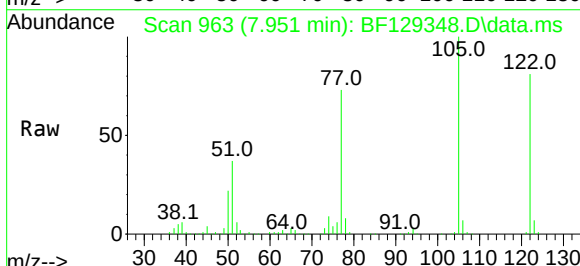
APPROVED

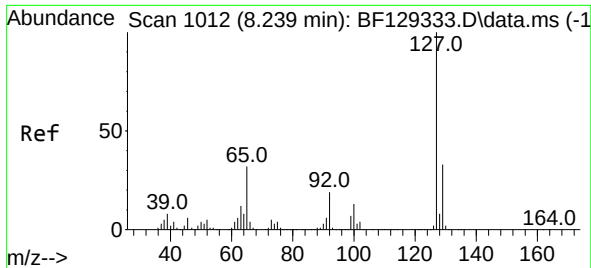
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#32
Benzoic acid
Concen: 46.429 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.012 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

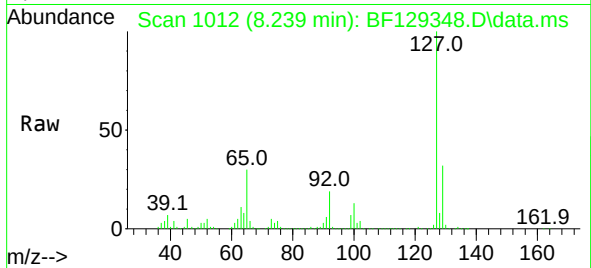
Tgt Ion:122 Resp: 524513
Ion Ratio Lower Upper
122 100
105 123.8 107.1 147.1
77 91.0 74.2 114.2





#33
4-Chloroaniline
Concen: 27.476 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

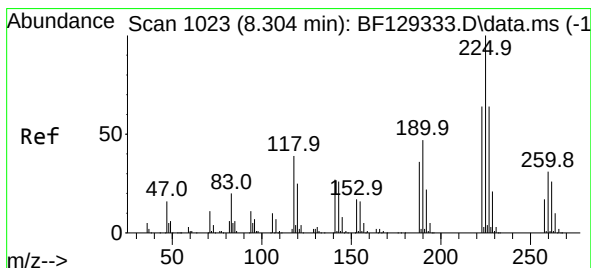
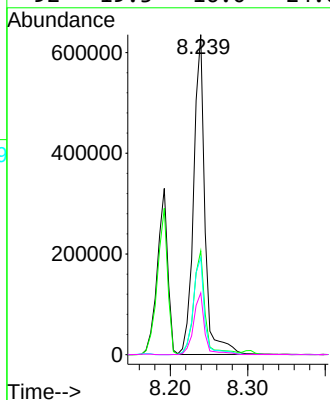
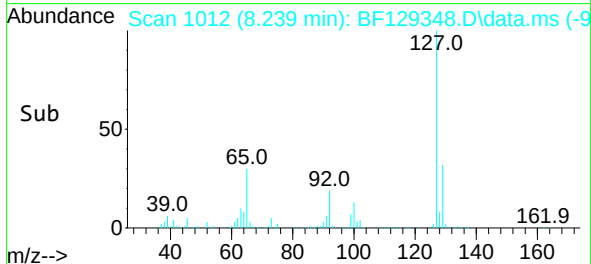
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



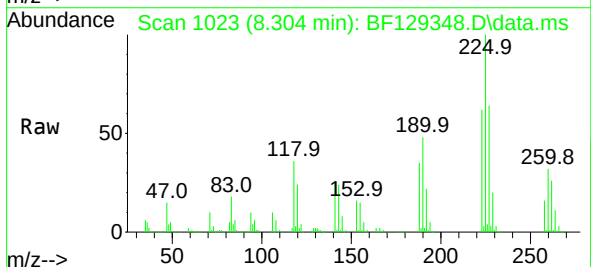
Tgt Ion:	127	Resp:	64156
Ion Ratio	Lower	Upper	
127	100		
129	32.4	26.4	39.6
65	30.3	26.4	39.6
92	19.3	16.0	24.0

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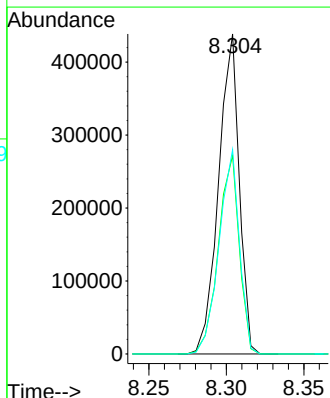
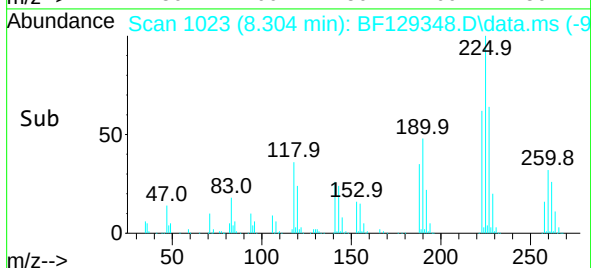
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

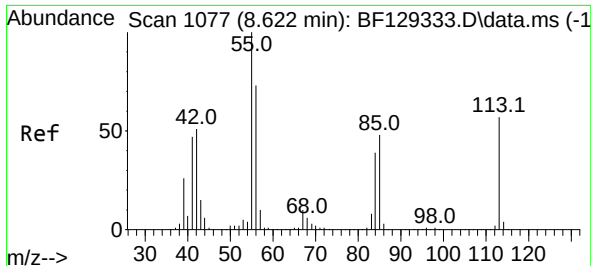


#34
Hexachlorobutadiene
Concen: 42.851 ng
RT: 8.304 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



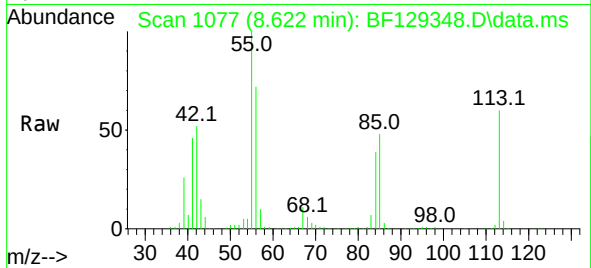
Tgt Ion:	225	Resp:	406652
Ion Ratio	Lower	Upper	
225	100		
223	62.1	51.0	76.6
227	63.8	51.1	76.7





#35
Caprolactam
Concen: 45.158 ng m
RT: 8.622 min Scan# 1077
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

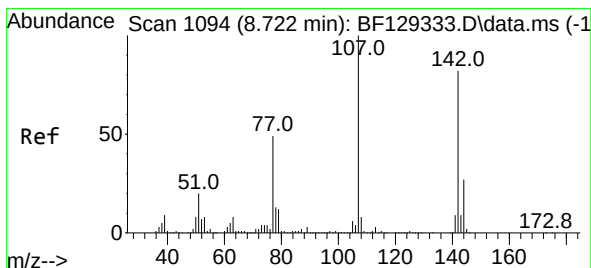
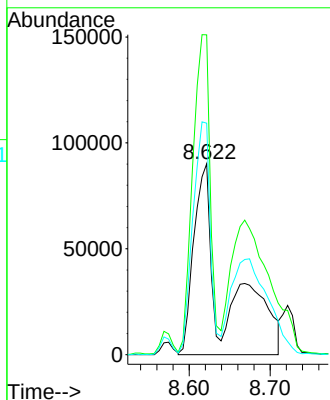
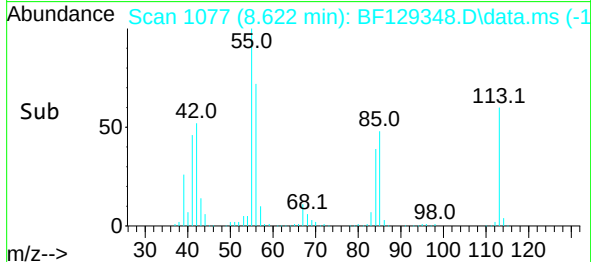
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



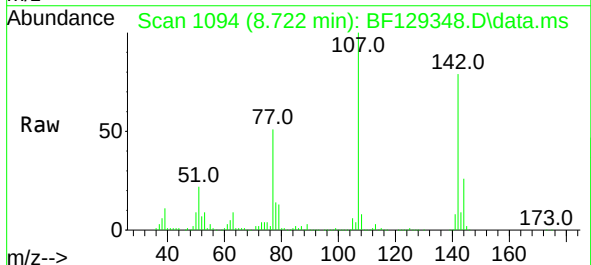
Tgt Ion:113 Resp: 23679
Ion Ratio Lower Upper
113 100
55 167.6 188.5 228.5
56 121.3 130.6 170.6

Manual Integrations
APPROVED

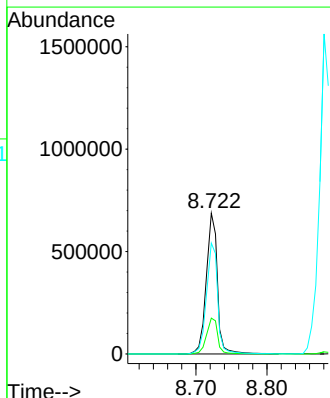
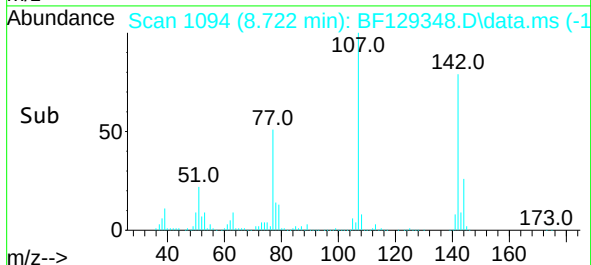
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

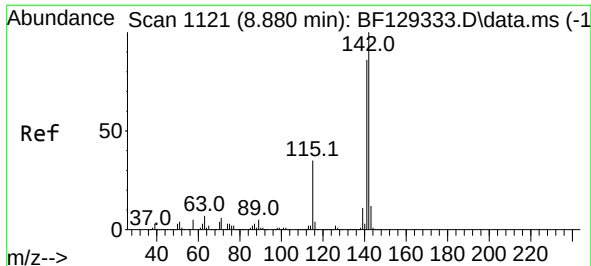


#36
4-Chloro-3-methylphenol
Concen: 43.915 ng
RT: 8.722 min Scan# 1094
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



Tgt Ion:107 Resp: 751241
Ion Ratio Lower Upper
107 100
144 25.5 19.5 29.3
142 78.7 58.2 87.4





#37

2-Methylnaphthalene

Concen: 41.825 ng

RT: 8.880 min Scan# 1121

Delta R.T. -0.000 min

Lab File: BF129348.D

Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB146423BSD

Tgt Ion:142 Resp: 154586

Ion Ratio Lower Upper

142 100

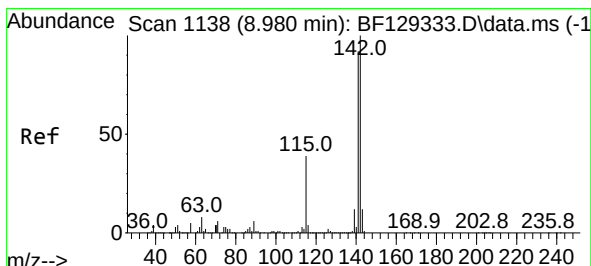
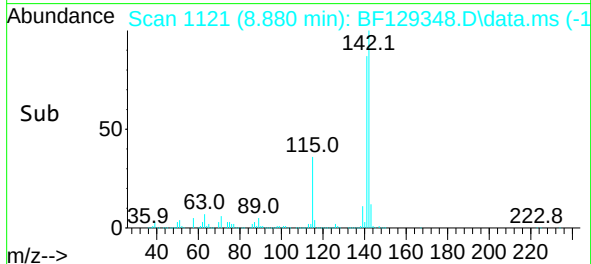
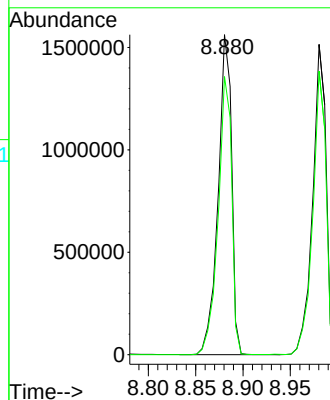
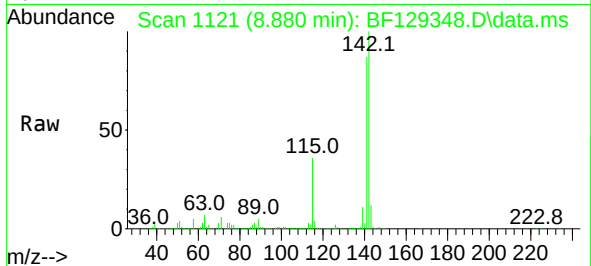
141 86.9 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#38

1-Methylnaphthalene

Concen: 41.637 ng

RT: 8.980 min Scan# 1138

Delta R.T. -0.000 min

Lab File: BF129348.D

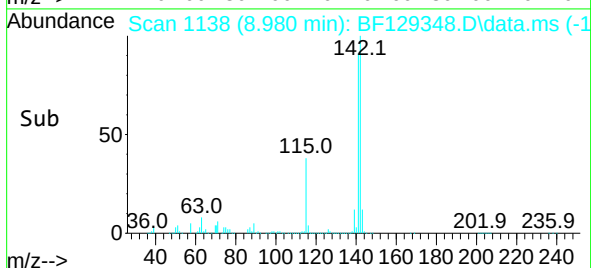
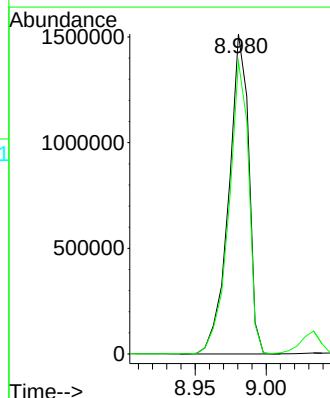
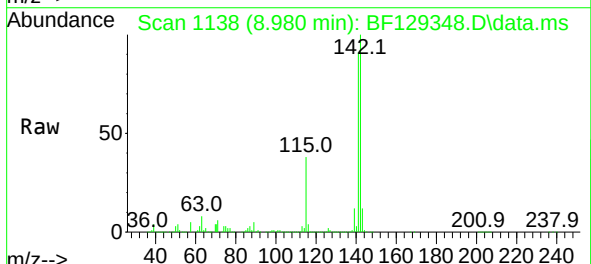
Acq: 26 Jul 2022 11:02

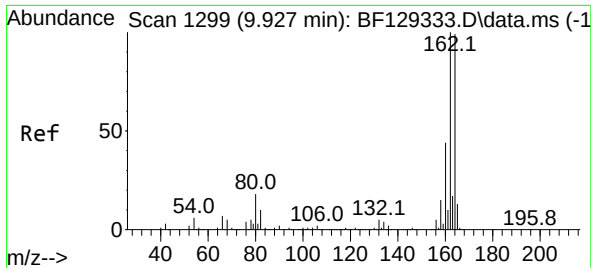
Tgt Ion:142 Resp: 1485585

Ion Ratio Lower Upper

142 100

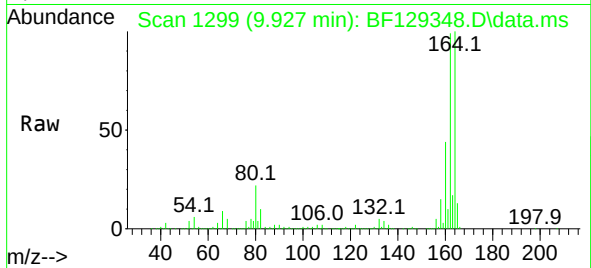
141 91.4 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

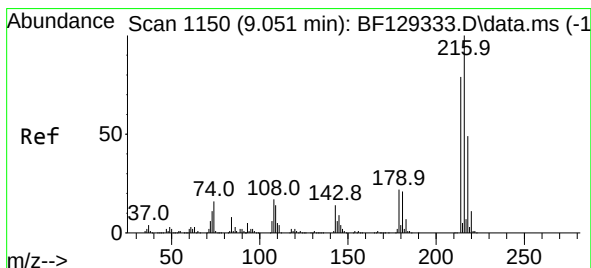
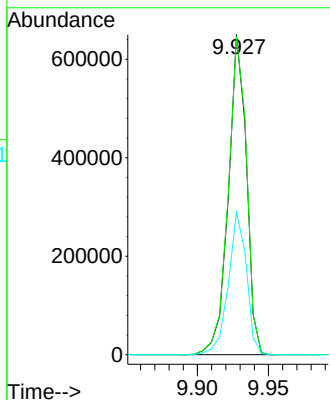
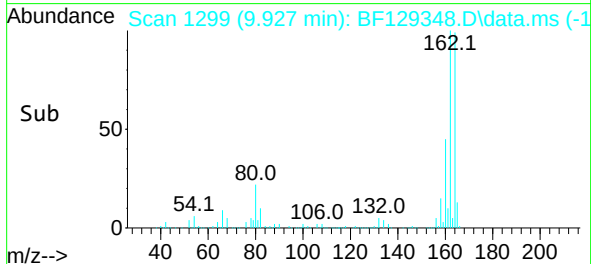
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



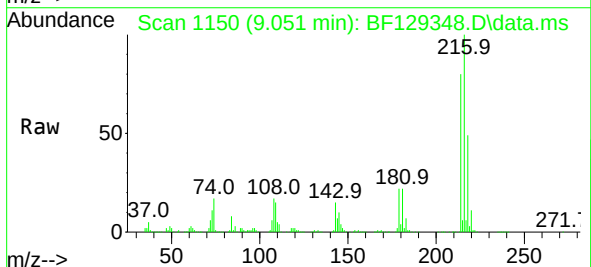
Tgt Ion:164 Resp: 57774
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 44.5 34.2 51.4

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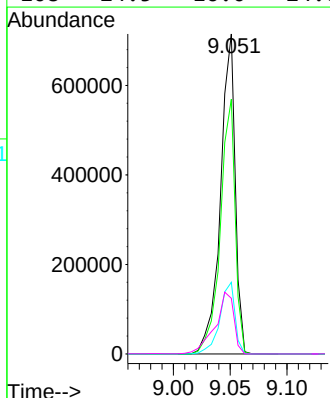
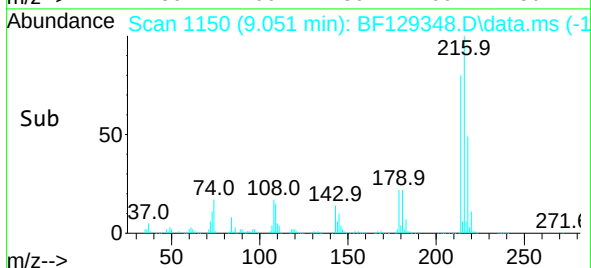
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

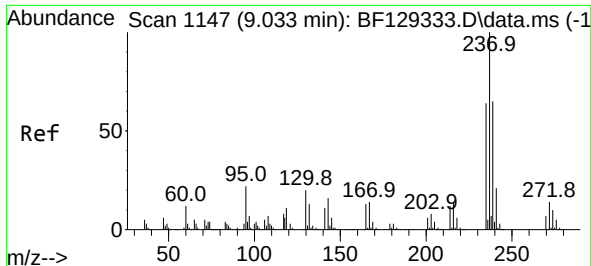


#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.636 ng
RT: 9.051 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



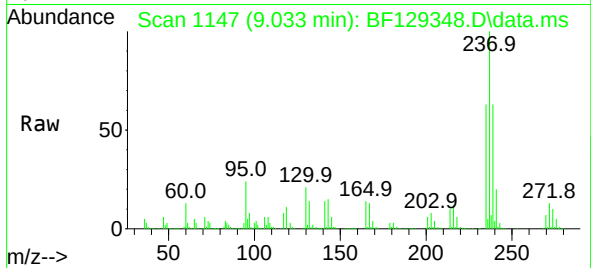
Tgt Ion:216 Resp: 646803
Ion Ratio Lower Upper
216 100
214 80.2 63.6 95.4
179 23.0 17.0 25.6
108 24.5 16.0 24.0#





#41
Hexachlorocyclopentadiene
Concen: 107.967 ng
RT: 9.033 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

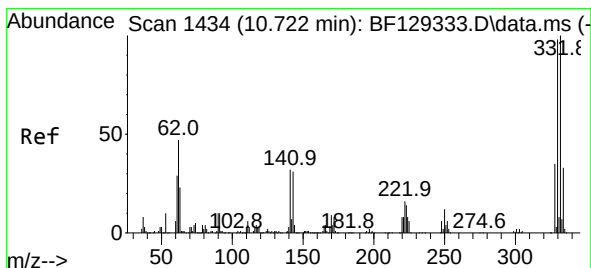
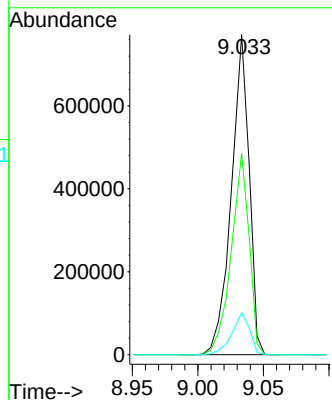
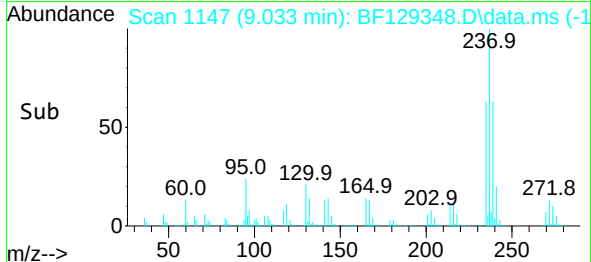
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



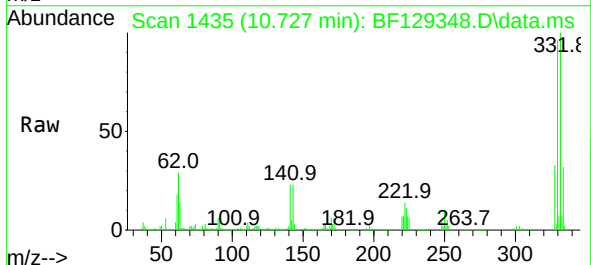
Tgt Ion:237 Resp: 729349
Ion Ratio Lower Upper
237 100
235 63.0 43.2 83.2
272 13.1 0.0 31.9

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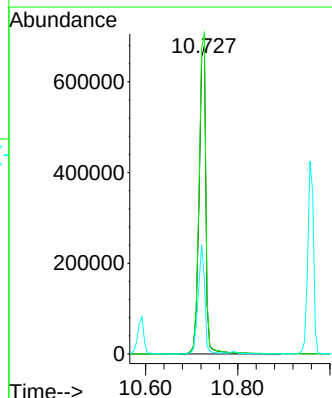
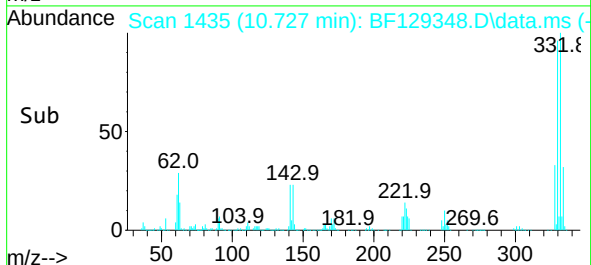
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

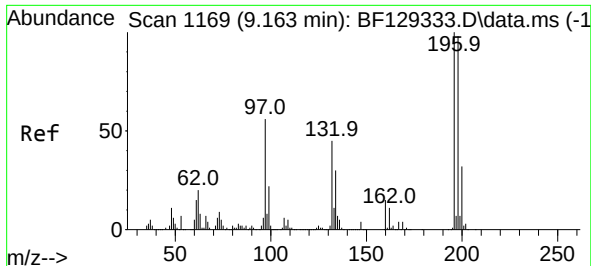


#42
2,4,6-Tribromophenol
Concen: 125.653 ng
RT: 10.727 min Scan# 1435
Delta R.T. 0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



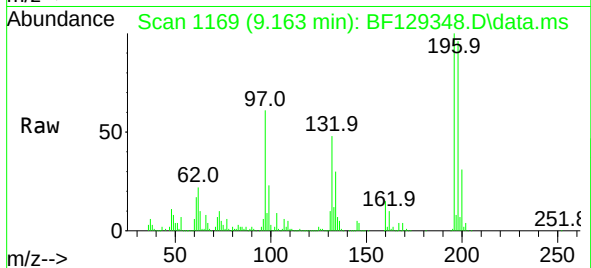
Tgt Ion:330 Resp: 697951
Ion Ratio Lower Upper
330 100
332 104.0 76.8 115.2
141 34.0 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 42.903 ng
RT: 9.163 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

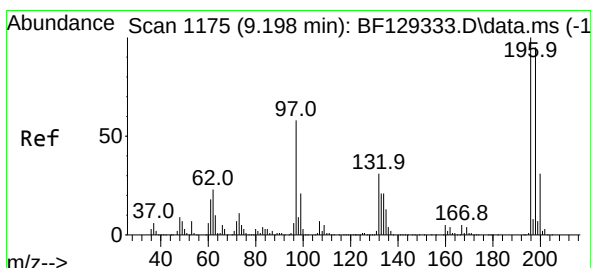
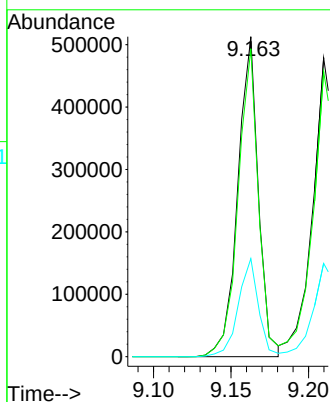
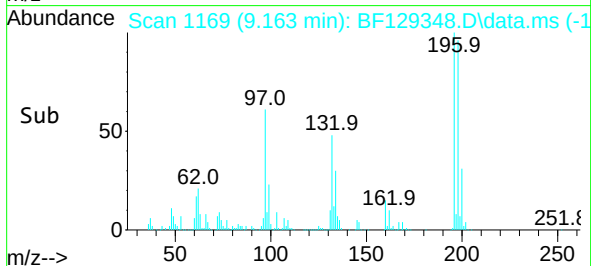
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



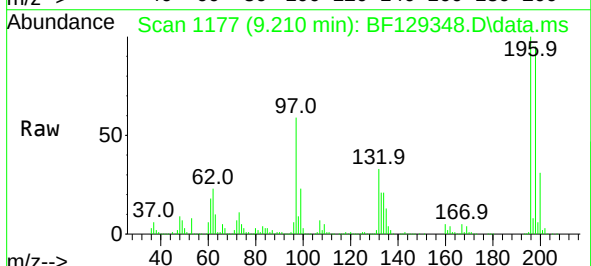
Tgt Ion:196 Resp: 472718
Ion Ratio Lower Upper
196 100
198 96.2 74.0 111.0
200 30.7 24.1 36.1

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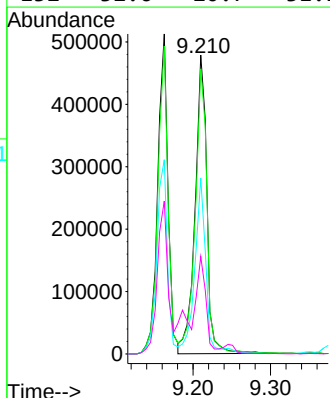
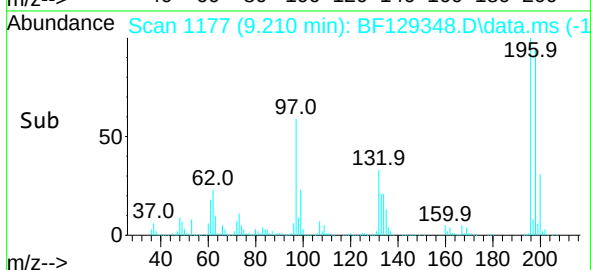
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

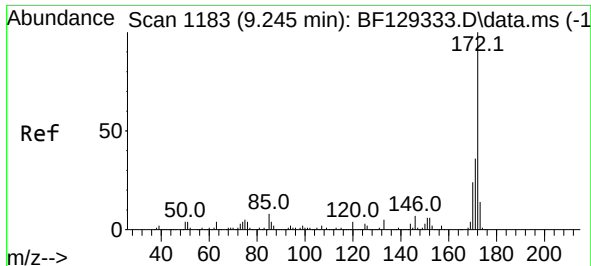


#44
2,4,5-Trichlorophenol
Concen: 42.299 ng
RT: 9.210 min Scan# 1177
Delta R.T. 0.012 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



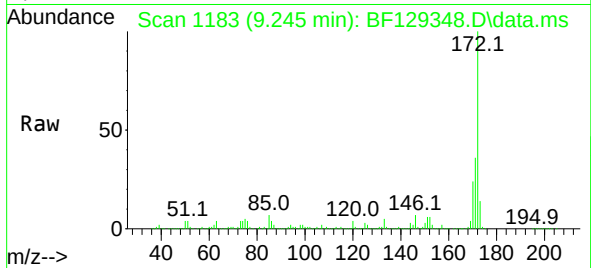
Tgt Ion:196 Resp: 506843
Ion Ratio Lower Upper
196 100
198 95.4 75.7 113.5
97 58.9 36.4 54.6#
132 32.6 20.7 31.1#





#45
2-Fluorobiphenyl
Concen: 75.623 ng
RT: 9.245 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

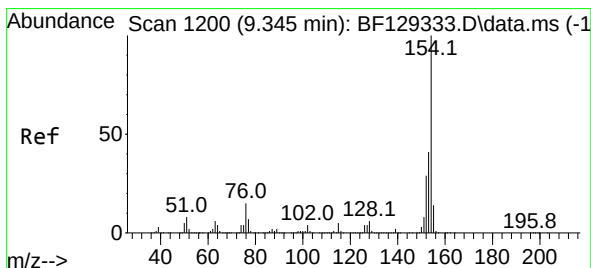
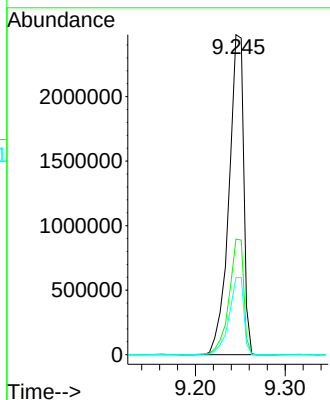
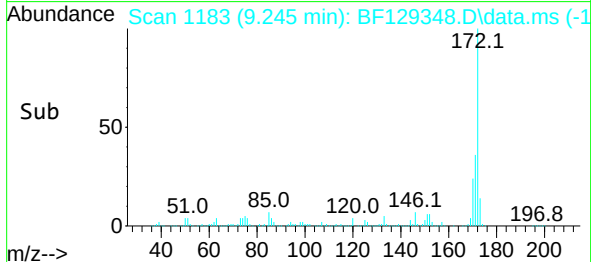
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



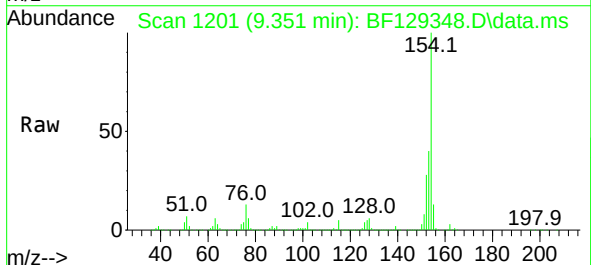
Tgt Ion:172 Resp: 2824320
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.1 19.8 29.8

Manual Integrations
APPROVED

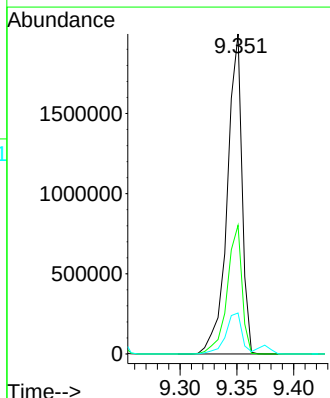
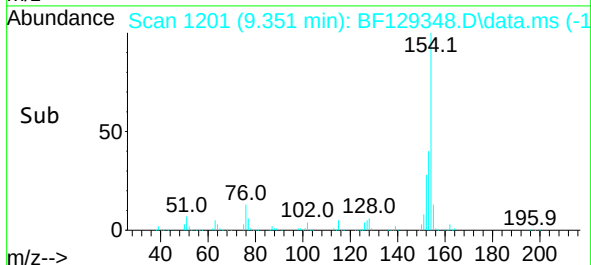
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

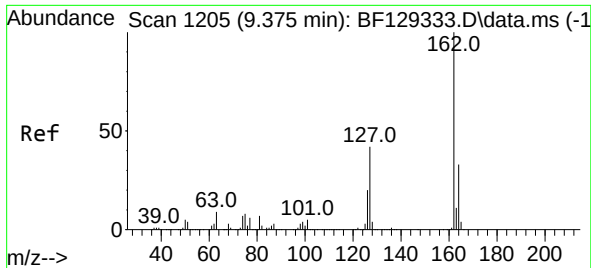


#46
1,1'-Biphenyl
Concen: 42.744 ng
RT: 9.351 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



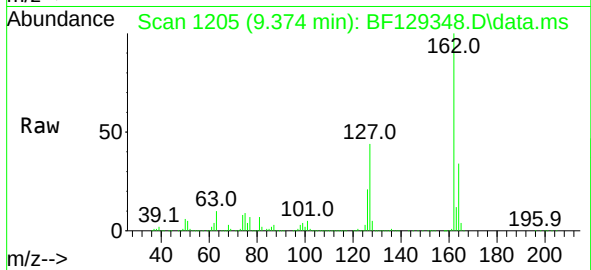
Tgt Ion:154 Resp: 1802259
Ion Ratio Lower Upper
154 100
153 40.2 20.6 60.6
76 12.8 0.0 33.3





#47
2-Chloronaphthalene
Concen: 42.049 ng
RT: 9.374 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

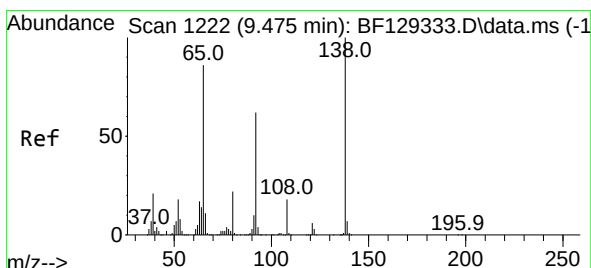
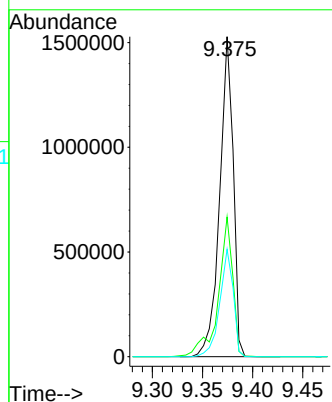
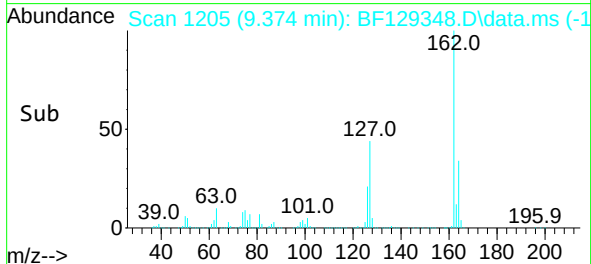
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



Tgt Ion:162 Resp: 1433269
Ion Ratio Lower Upper
162 100
127 43.7 34.5 51.7
164 33.6 26.5 39.7

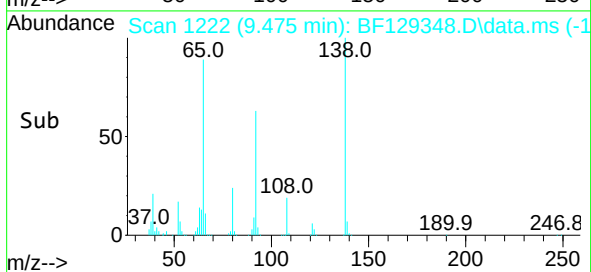
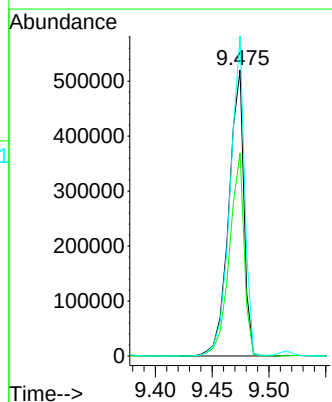
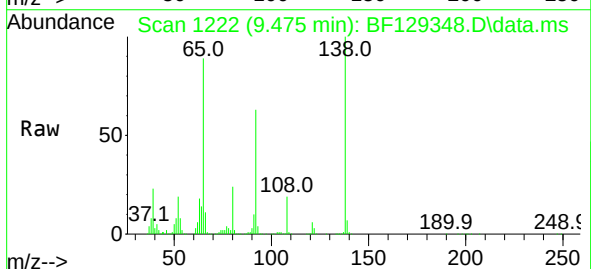
Manual Integrations
APPROVED

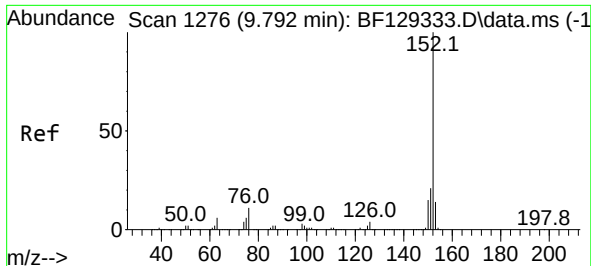
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#48
2-Nitroaniline
Concen: 42.335 ng
RT: 9.475 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

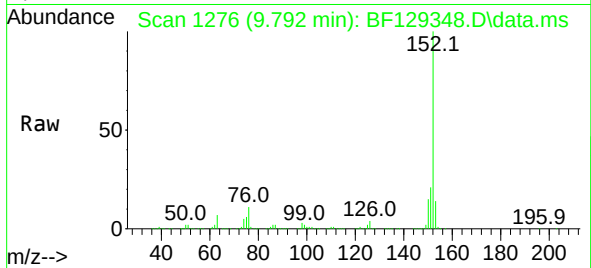
Tgt Ion: 65 Resp: 479832
Ion Ratio Lower Upper
65 100
92 71.0 51.9 77.9
138 111.9 76.4 114.6





#49
Acenaphthylene
Concen: 44.103 ng
RT: 9.792 min Scan# 1276
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

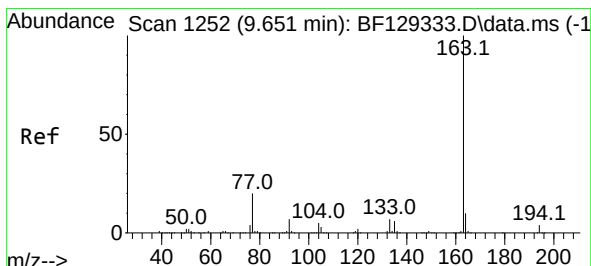
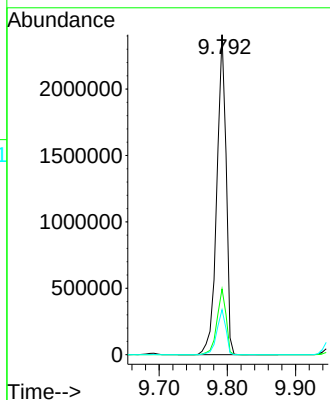
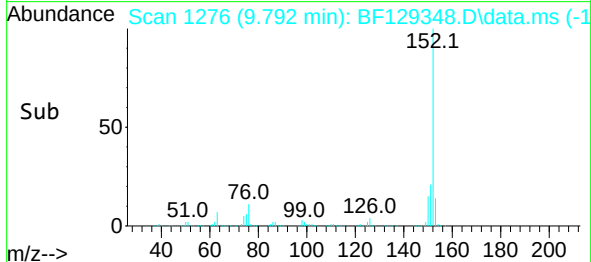
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



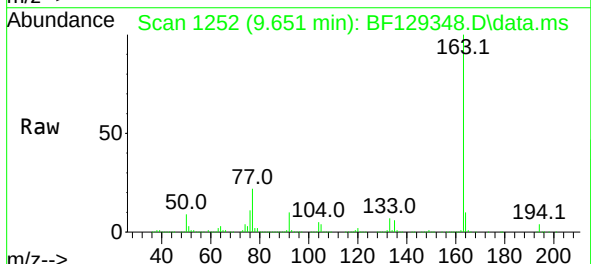
Tgt Ion:152 Resp: 228422
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.1 10.7 16.1

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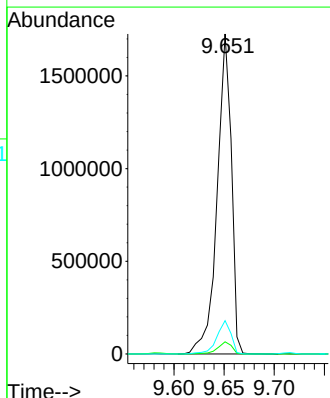
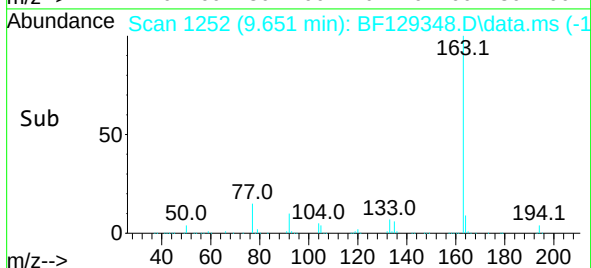
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

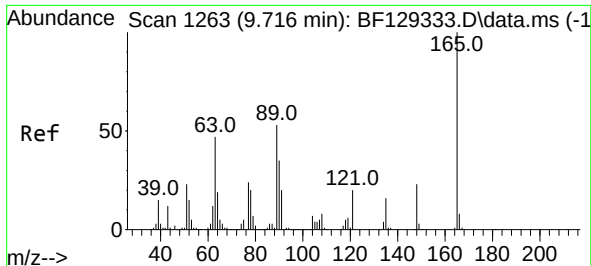


#50
Dimethylphthalate
Concen: 42.585 ng
RT: 9.651 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



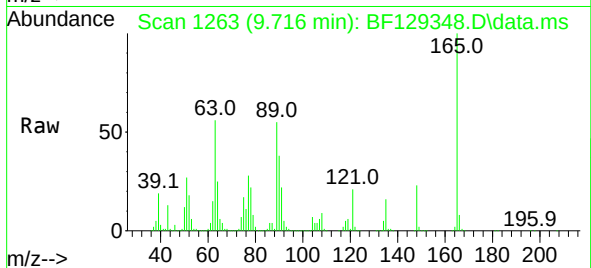
Tgt Ion:163 Resp: 1698451
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 43.981 ng
RT: 9.716 min Scan# 1263
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

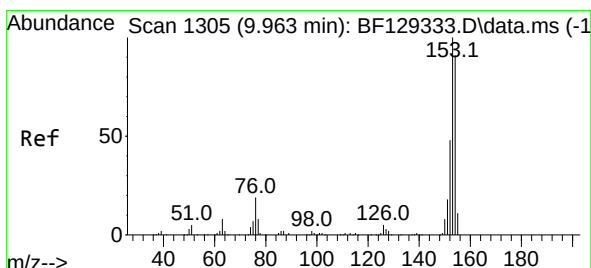
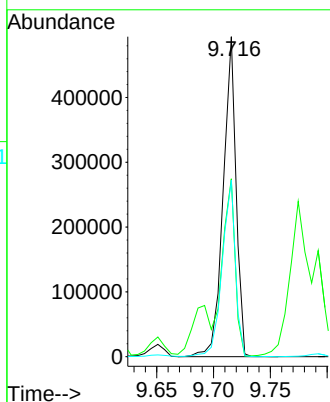
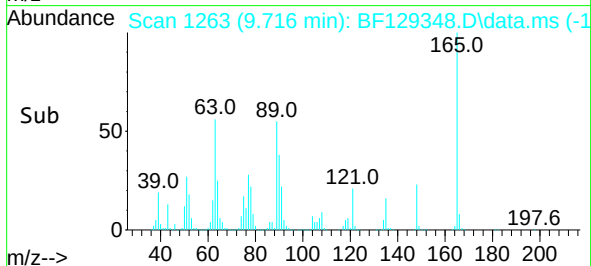
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



Tgt Ion:165 Resp: 392600
Ion Ratio Lower Upper
165 100
63 55.6 44.9 67.3
89 55.2 43.6 65.4

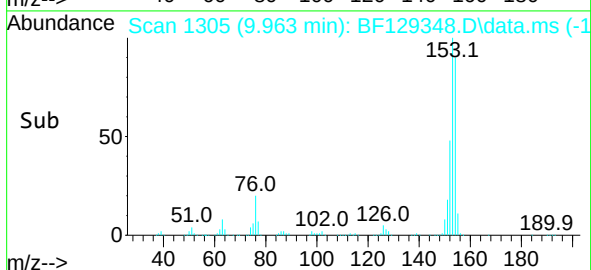
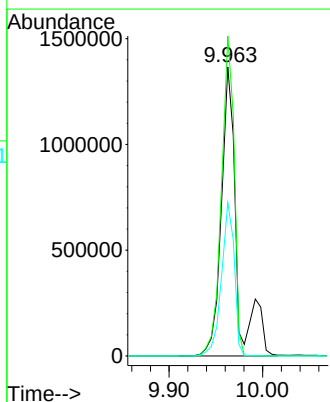
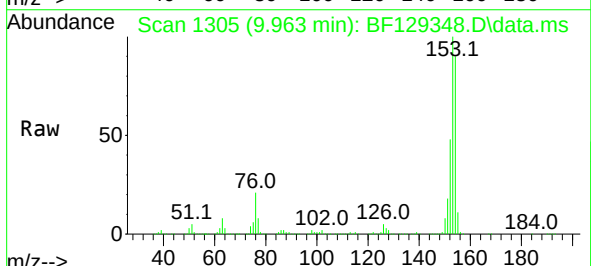
Manual Integrations
APPROVED

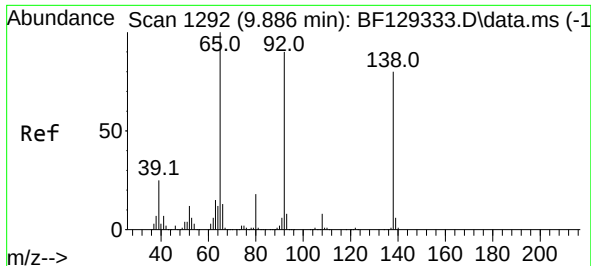
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#52
Acenaphthene
Concen: 46.379 ng m
RT: 9.963 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Tgt Ion:154 Resp: 1568894
Ion Ratio Lower Upper
154 100
153 110.8 89.6 134.4
152 53.0 42.4 63.6





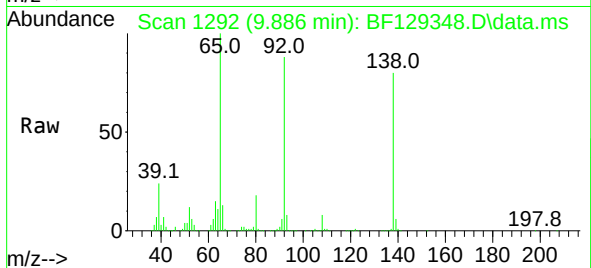
#53
3-Nitroaniline
Concen: 30.682 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB146423BSD

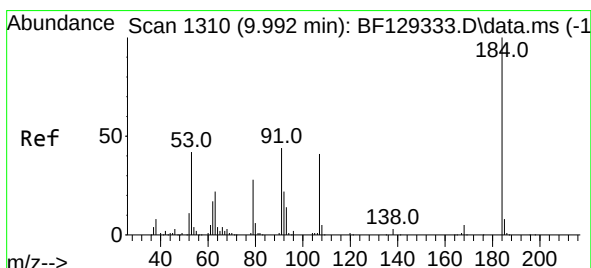
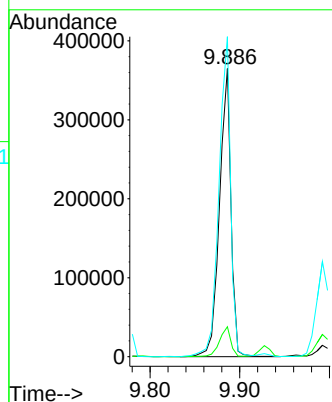
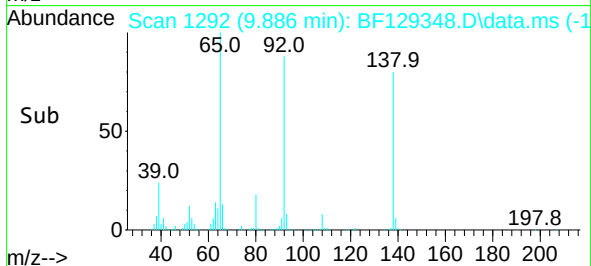


Tgt Ion:138 Resp: 323410
Ion Ratio Lower Upper
138 100
108 10.4 10.9 16.3
92 111.0 98.2 147.2

Manual Integrations

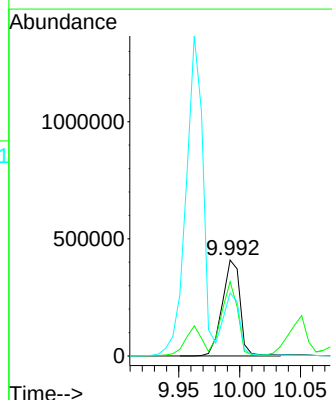
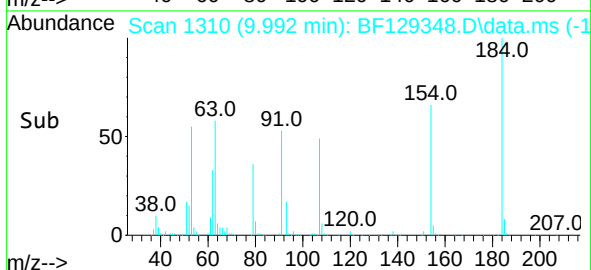
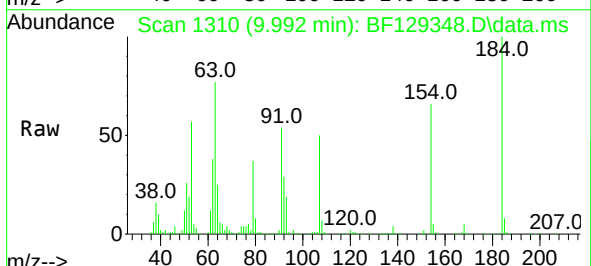
APPROVED

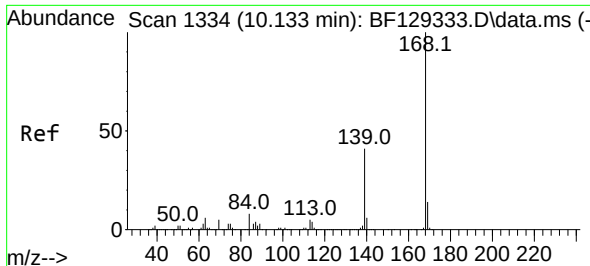
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#54
2,4-Dinitrophenol
Concen: 92.000 ng
RT: 9.992 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

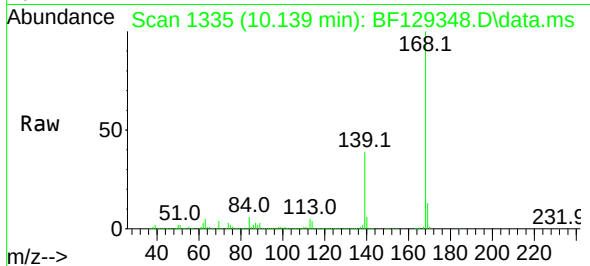
Tgt Ion:184 Resp: 419255
Ion Ratio Lower Upper
184 100
63 77.5 64.5 96.7
154 65.9 50.6 75.8





#55
Dibenzofuran
Concen: 42.083 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

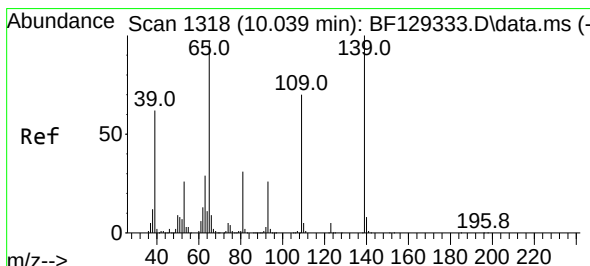
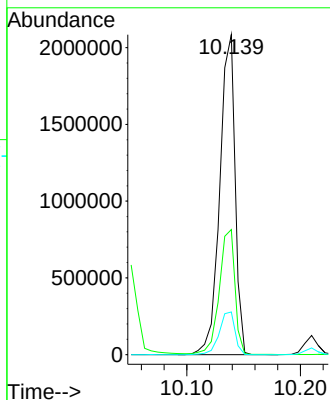
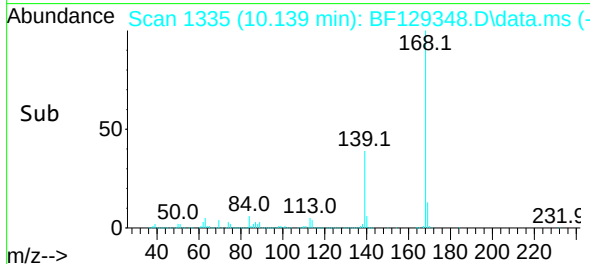
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



Tgt Ion:168 Resp: 196244
Ion Ratio Lower Upper
168 100
139 39.1 30.6 46.0
169 13.4 11.0 16.6

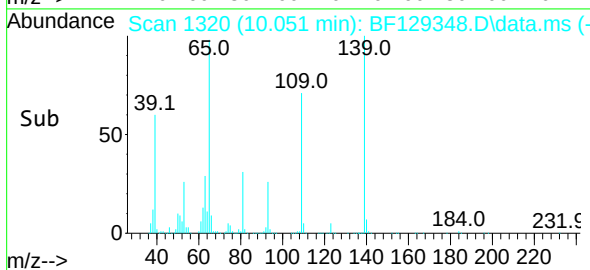
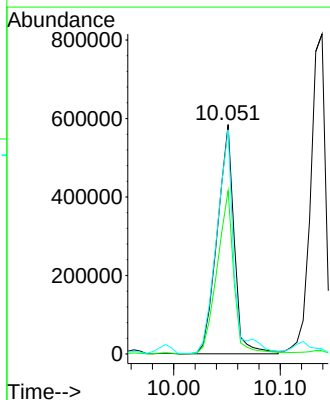
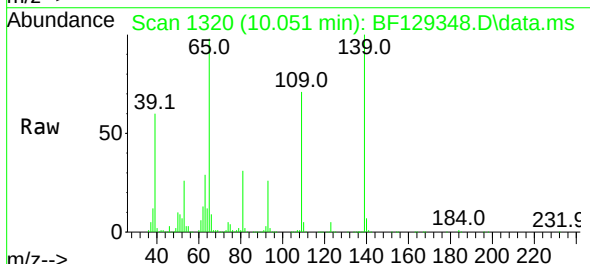
Manual Integrations
APPROVED

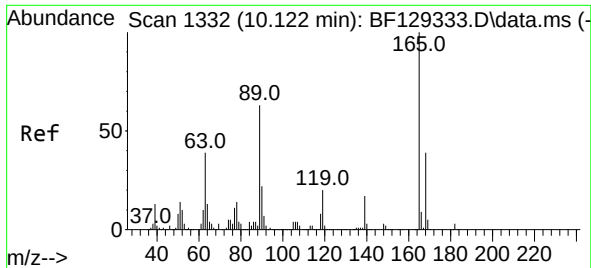
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#56
4-Nitrophenol
Concen: 82.842 ng
RT: 10.051 min Scan# 1320
Delta R.T. 0.012 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

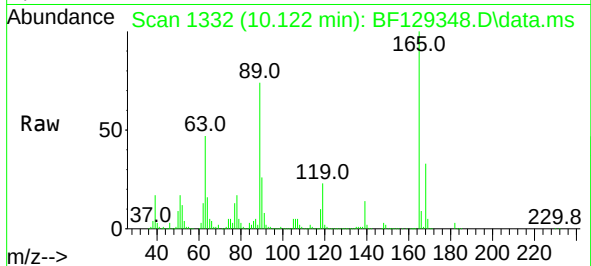
Tgt Ion:139 Resp: 644236
Ion Ratio Lower Upper
139 100
109 71.2 50.7 90.7
65 97.7 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 44.143 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

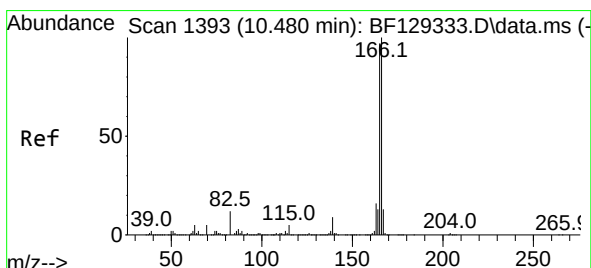
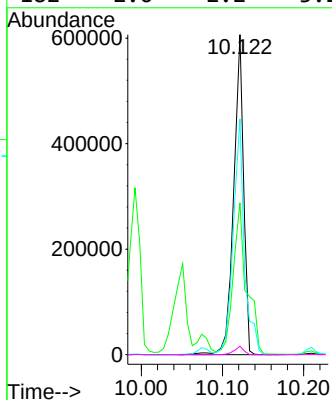
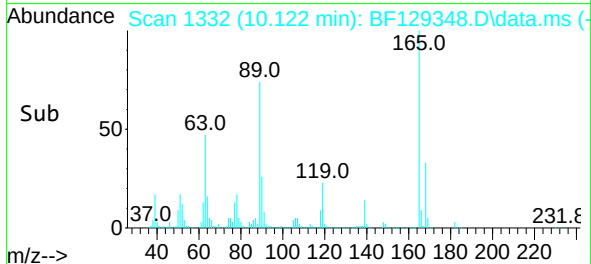
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



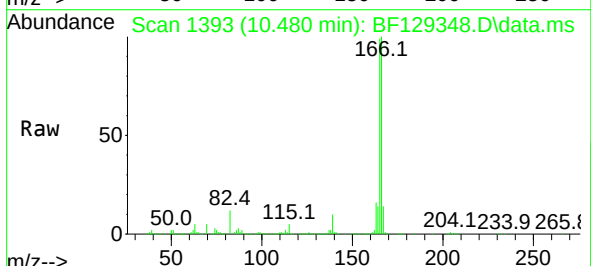
Tgt Ion:165 Resp: 51477
Ion Ratio Lower Upper
165 100
63 47.4 39.8 59.6
89 73.7 60.2 90.2
182 2.6 2.2 3.2

Manual Integrations
APPROVED

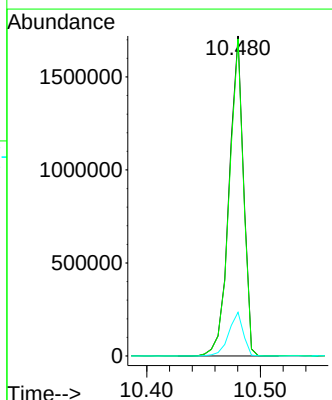
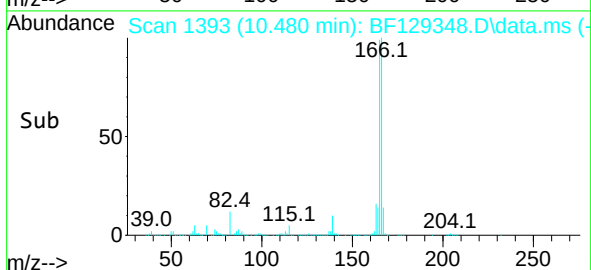
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

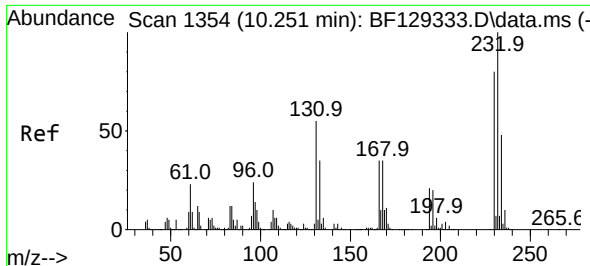


#58
Fluorene
Concen: 40.355 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



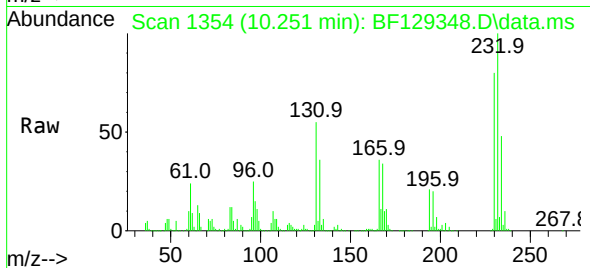
Tgt Ion:166 Resp: 1505700
Ion Ratio Lower Upper
166 100
165 99.1 78.1 117.1
167 13.7 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.410 ng
RT: 10.251 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

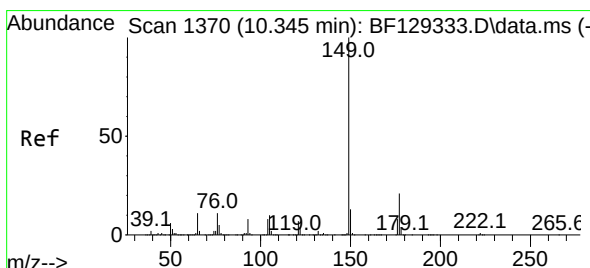
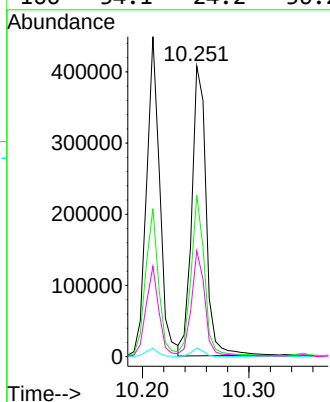
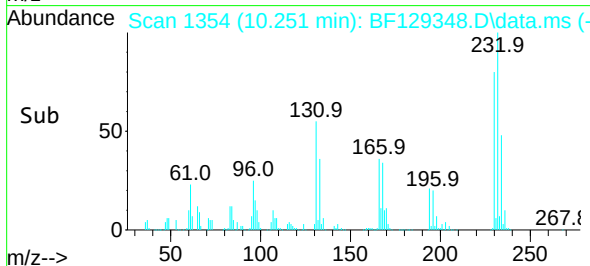
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



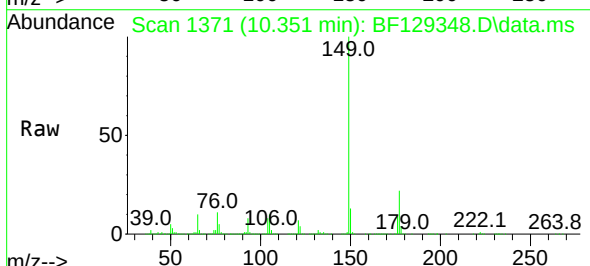
Tgt Ion:232 Resp: 38345
Ion Ratio Lower Upper
232 100
131 51.9 36.1 54.1
130 2.7 1.8 2.8
166 34.1 24.2 36.2

Manual Integrations
APPROVED

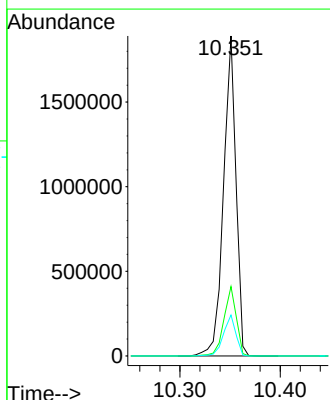
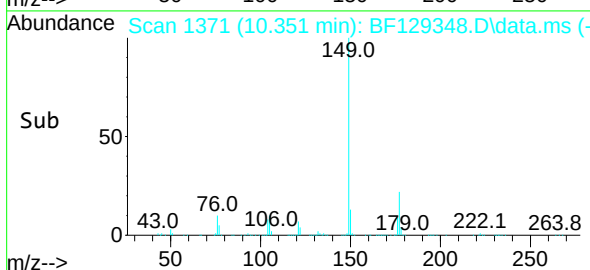
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

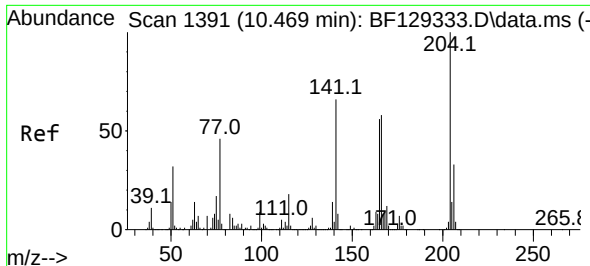


#60
Diethylphthalate
Concen: 42.226 ng
RT: 10.351 min Scan# 1371
Delta R.T. 0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



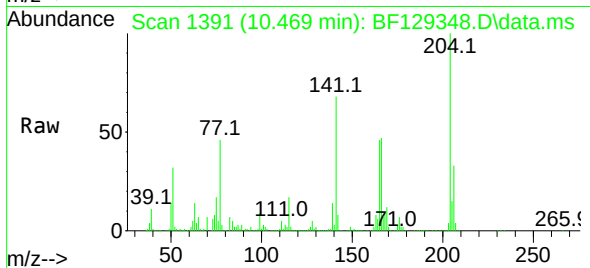
Tgt Ion:149 Resp: 1628014
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 12.8 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.357 ng
RT: 10.469 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

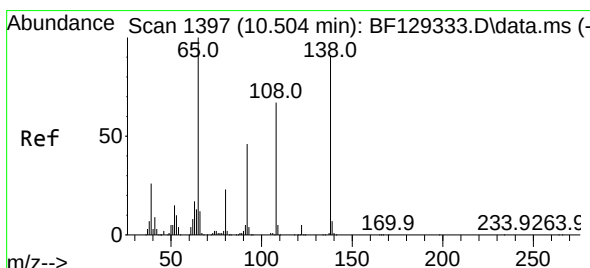
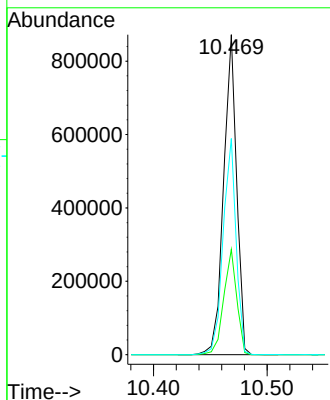
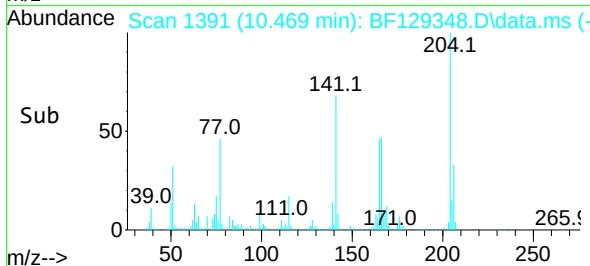
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



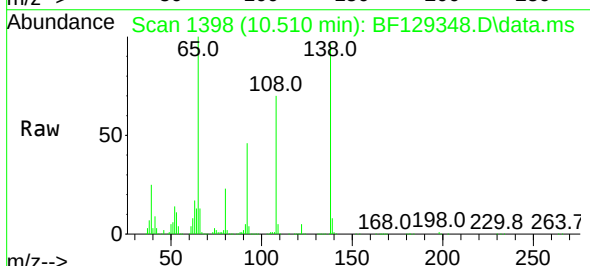
Tgt Ion:204 Resp: 696749
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 67.6 47.0 70.4

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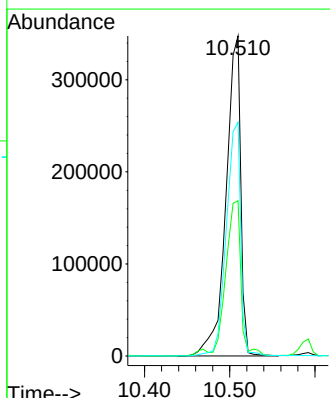
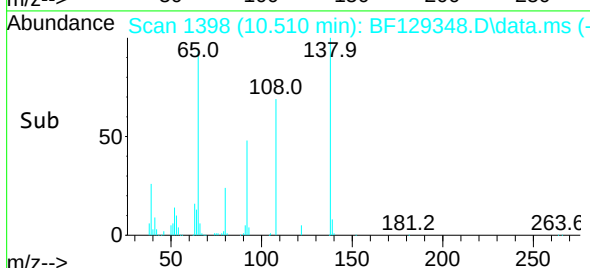
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

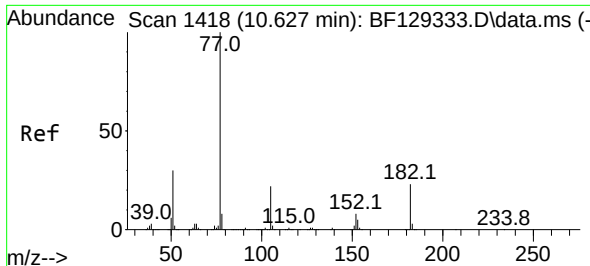


#62
4-Nitroaniline
Concen: 40.021 ng
RT: 10.510 min Scan# 1398
Delta R.T. 0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



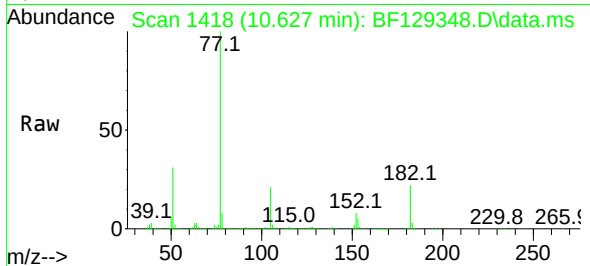
Tgt Ion:138 Resp: 418492
Ion Ratio Lower Upper
138 100
92 48.5 33.5 73.5
108 73.0 61.0 101.0





#63
Azobenzene
Concen: 41.456 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Instrument :
BNA_F
ClientSampleId :
PB146423BSD

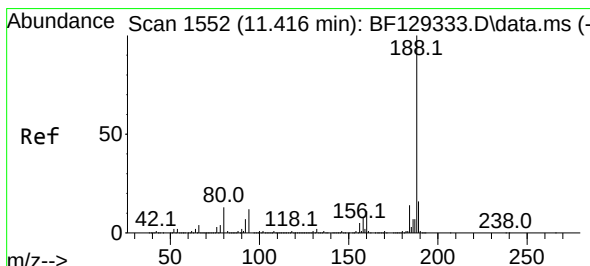
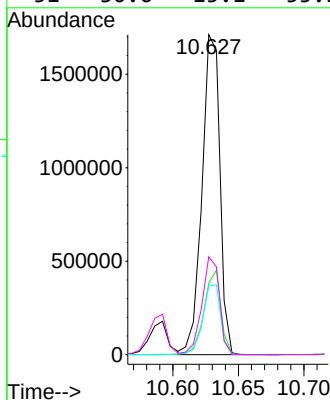
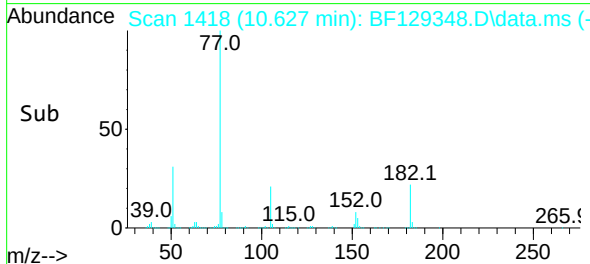


Tgt Ion: 77 Resp: 163023

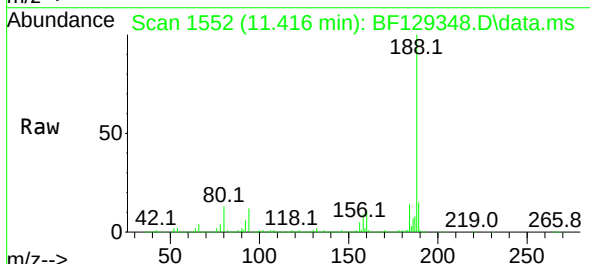
Ion	Ratio	Lower	Upper
77	100		
182	22.3	5.6	45.6
105	21.4	1.6	41.6
51	30.6	15.1	55.1

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

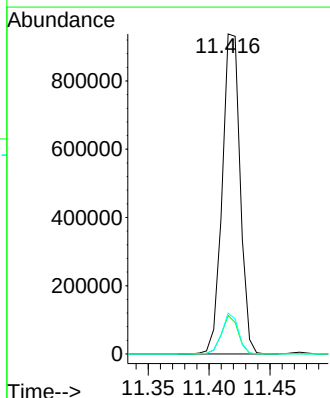
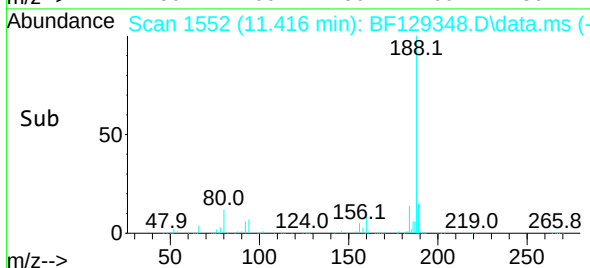


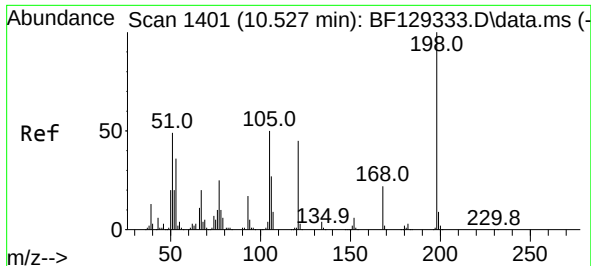
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1552
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



Tgt Ion:188 Resp: 962980

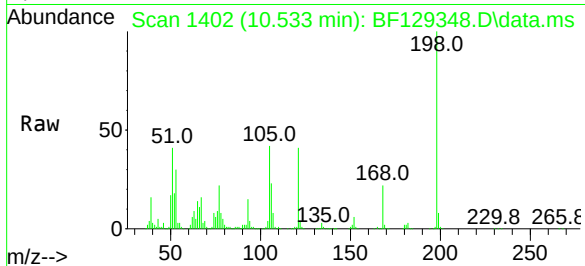
Ion	Ratio	Lower	Upper
188	100		
94	12.0	7.0	10.6#
80	12.7	7.6	11.4#





#65
4,6-Dinitro-2-methylphenol
Concen: 44.716 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

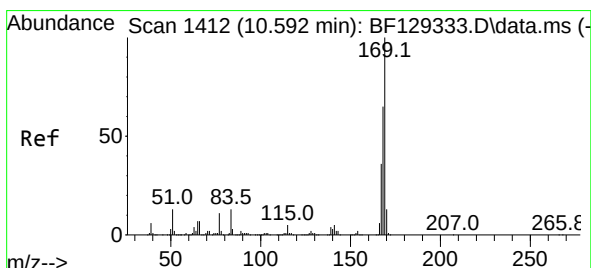
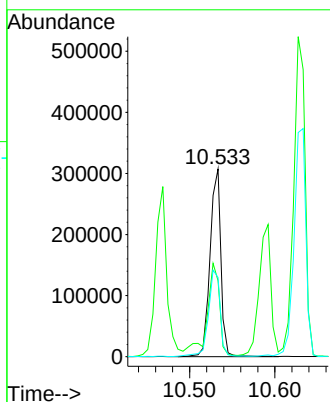
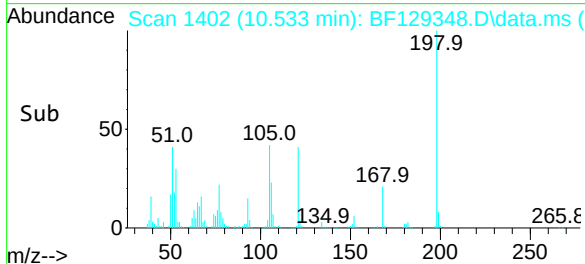
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



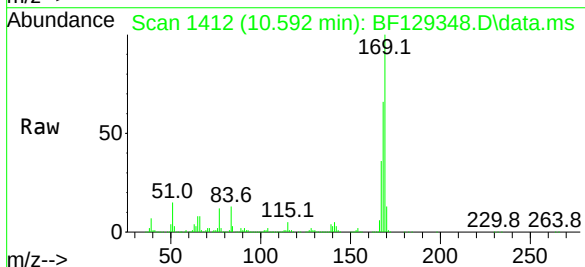
Tgt Ion:198 Resp: 27178
Ion Ratio Lower Upper
198 100
51 40.5 37.6 77.6
105 42.2 27.0 67.0

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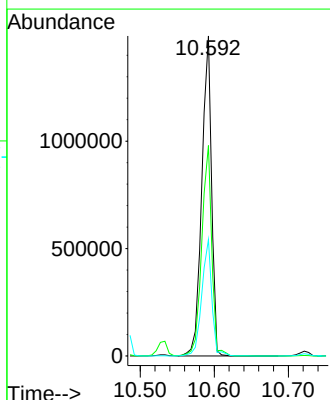
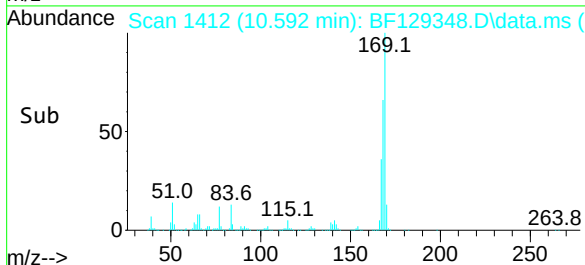
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

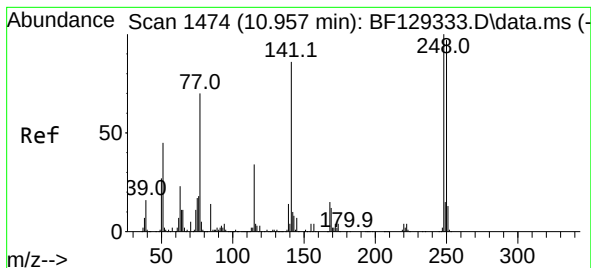


#66
n-Nitrosodiphenylamine
Concen: 42.568 ng
RT: 10.592 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



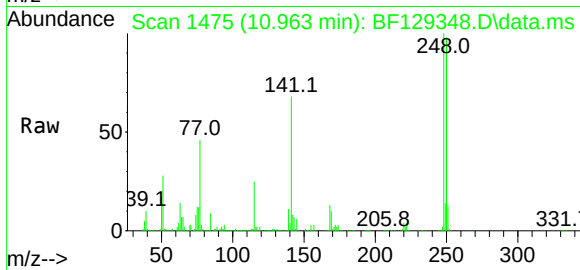
Tgt Ion:169 Resp: 1365150
Ion Ratio Lower Upper
169 100
168 65.7 50.1 75.1
167 36.3 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 44.058 ng
RT: 10.963 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

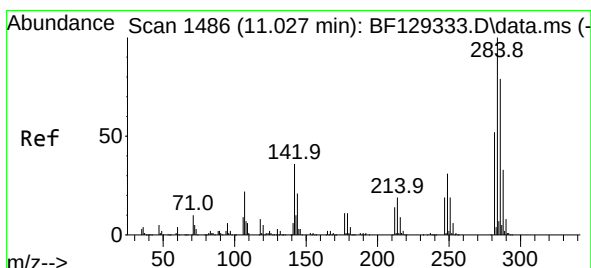
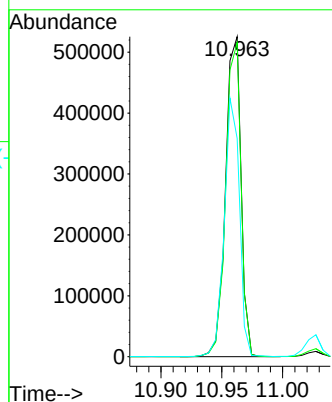
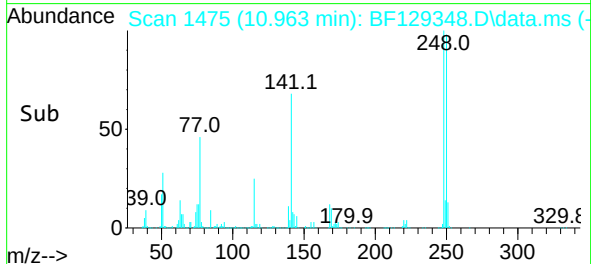
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



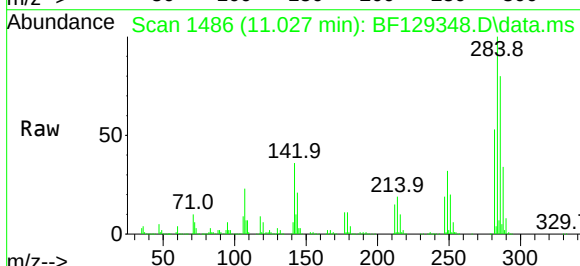
Tgt Ion:248 Resp: 464584
Ion Ratio Lower Upper
248 100
250 98.2 80.6 120.8
141 68.2 58.9 88.3

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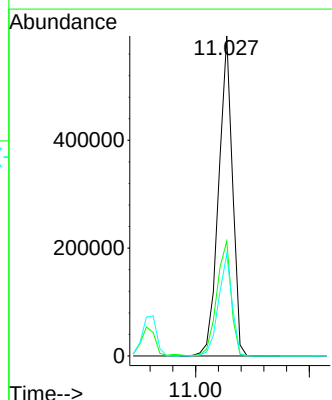
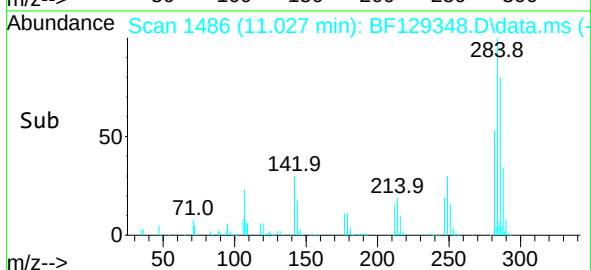
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

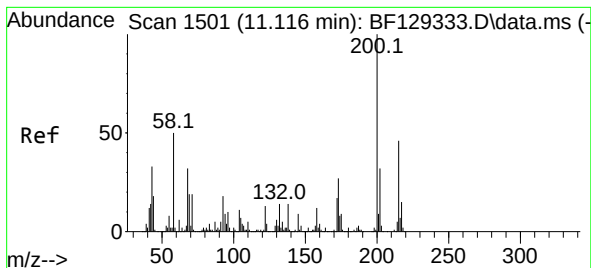


#68
Hexachlorobenzene
Concen: 43.940 ng
RT: 11.027 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



Tgt Ion:284 Resp: 502051
Ion Ratio Lower Upper
284 100
142 35.9 29.0 43.4
249 31.8 25.0 37.6





#69

Atrazine

Concen: 43.895 ng

RT: 11.116 min Scan# 1501

Delta R.T. -0.000 min

Lab File: BF129348.D

Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB146423BSD

Tgt Ion:200 Resp: 427580

Ion Ratio Lower Upper

200 100

173 28.2 6.3 46.3

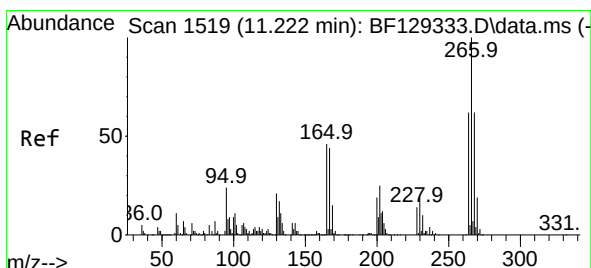
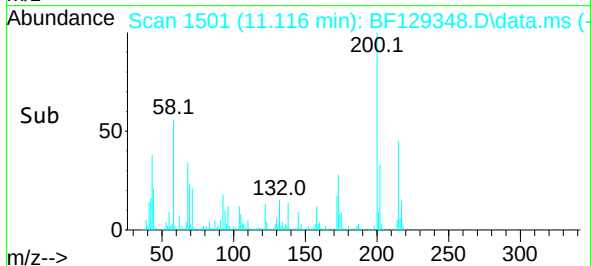
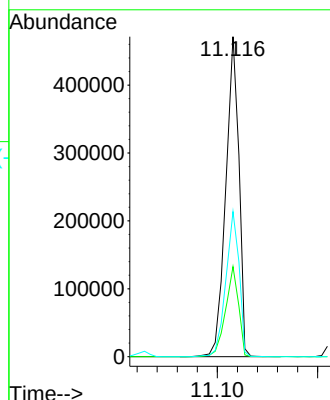
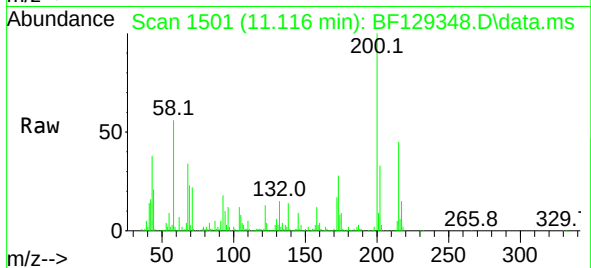
215 45.4 28.3 68.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022

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#70

Pentachlorophenol

Concen: 86.940 ng

RT: 11.221 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF129348.D

Acq: 26 Jul 2022 11:02

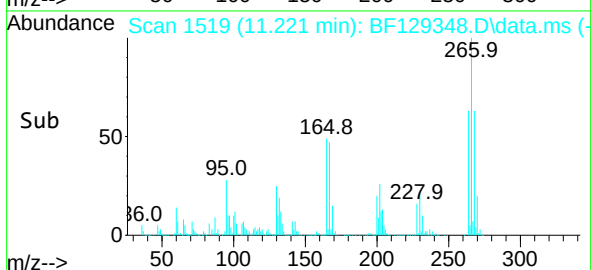
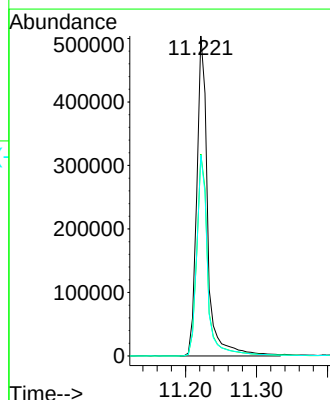
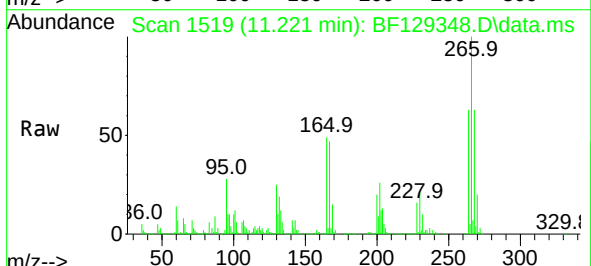
Tgt Ion:266 Resp: 540020

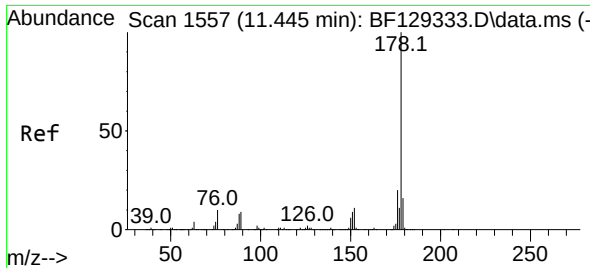
Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.4

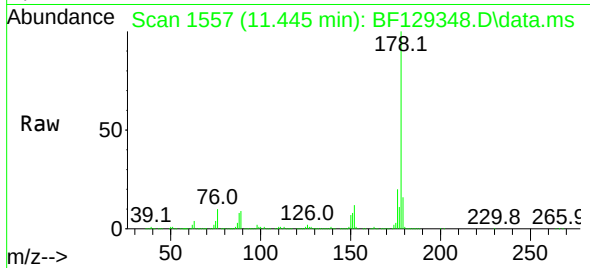
264 62.8 49.4 74.2





#71
Phenanthrene
Concen: 41.900 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

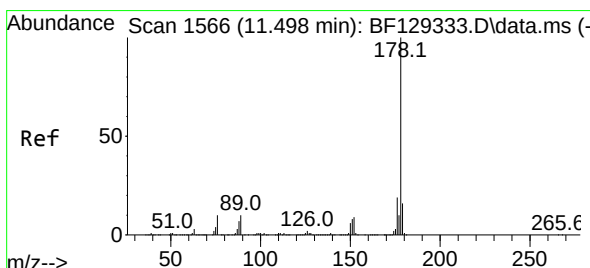
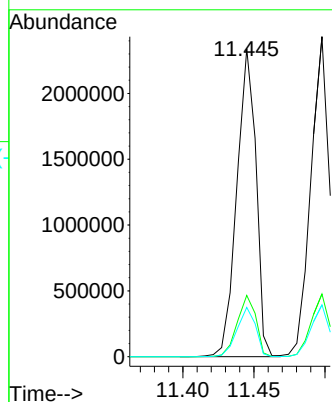
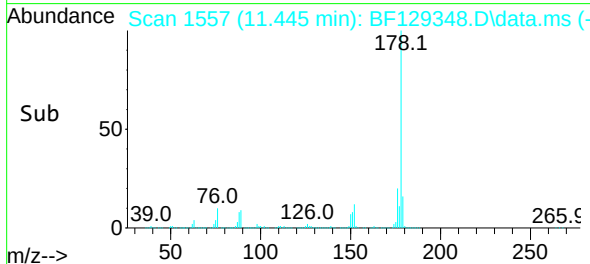
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



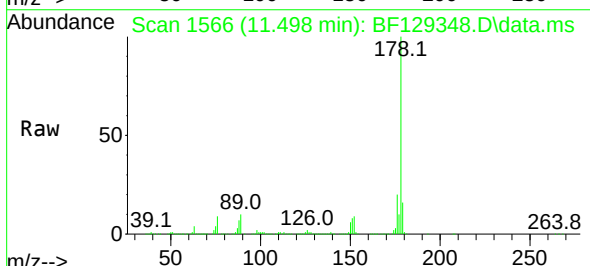
Tgt Ion:178 Resp: 220255
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 16.0 12.6 19.0

Manual Integrations
APPROVED

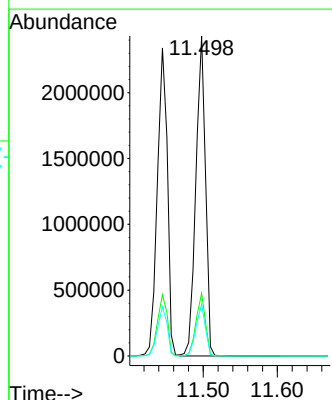
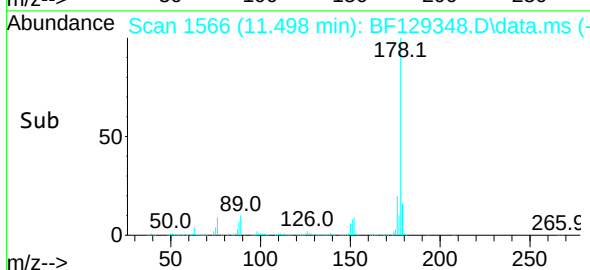
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

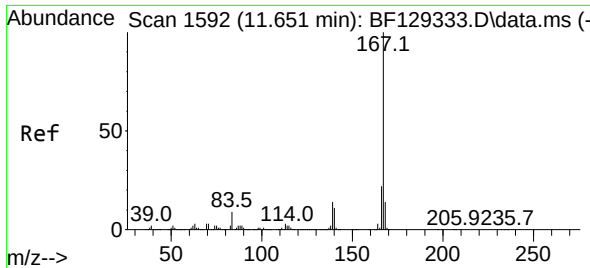


#72
Anthracene
Concen: 42.394 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



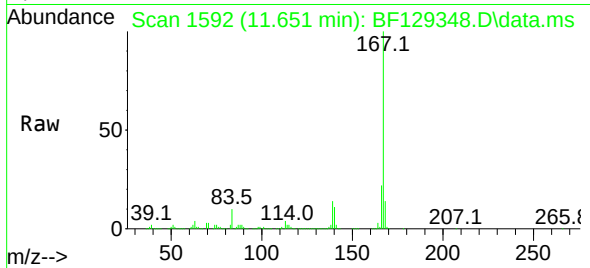
Tgt Ion:178 Resp: 2189980
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.2 12.6 19.0





#73
 Carbazole
 Concen: 42.847 ng
 RT: 11.651 min Scan# 1592
 Delta R.T. -0.000 min
 Lab File: BF129348.D
 Acq: 26 Jul 2022 11:02

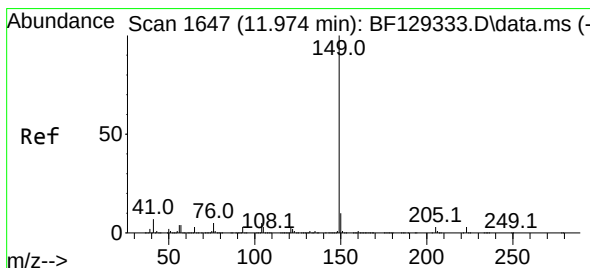
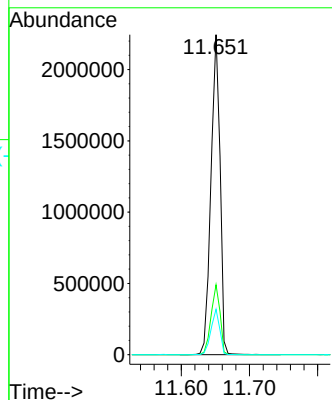
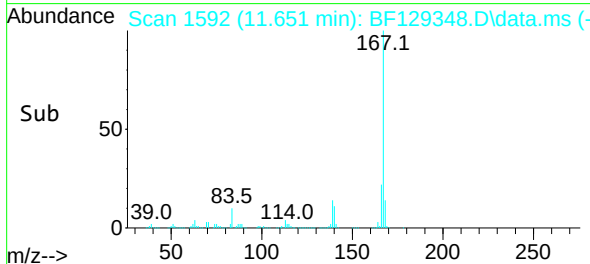
Instrument :
 BNA_F
 ClientSampleId :
 PB146423BSD



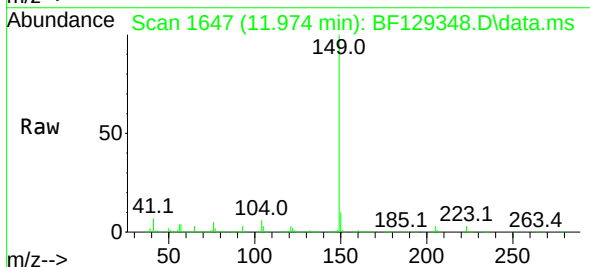
Tgt Ion:167 Resp: 2083529
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.2 11.2 16.8

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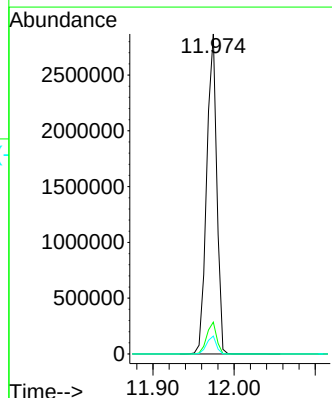
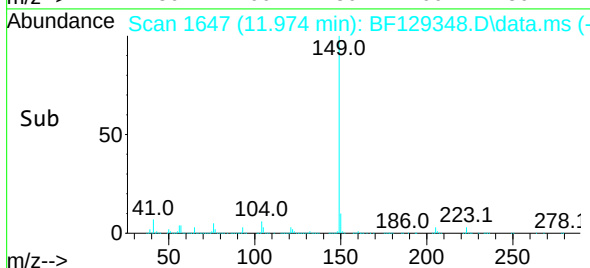
Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022

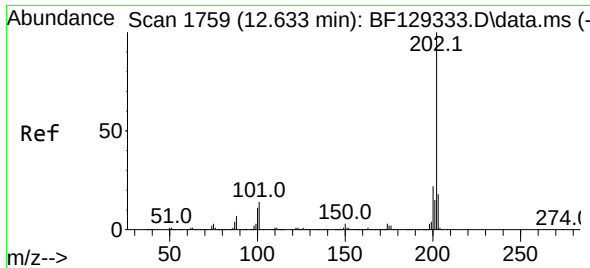


#74
 Di-n-butylphthalate
 Concen: 42.503 ng
 RT: 11.974 min Scan# 1647
 Delta R.T. -0.000 min
 Lab File: BF129348.D
 Acq: 26 Jul 2022 11:02



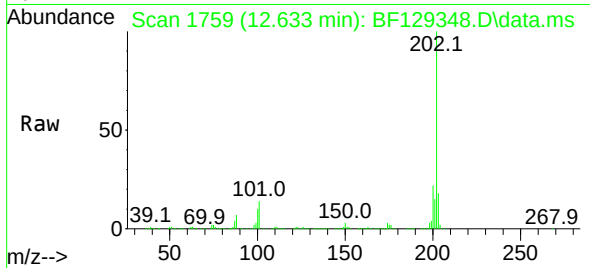
Tgt Ion:149 Resp: 2461352
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.5 11.3
 104 5.6 4.4 6.6





#75
Fluoranthene
Concen: 42.174 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

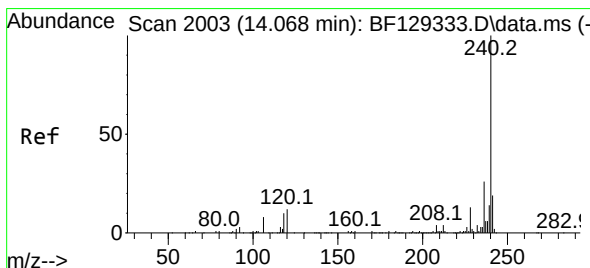
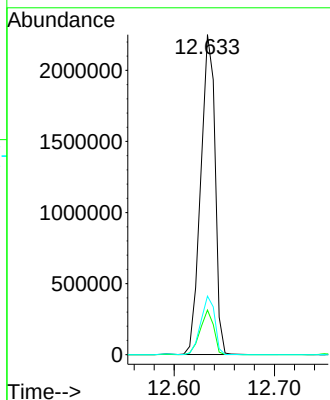
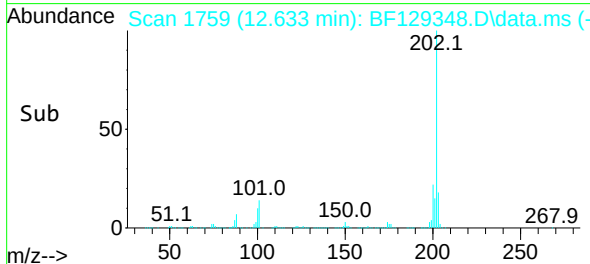
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



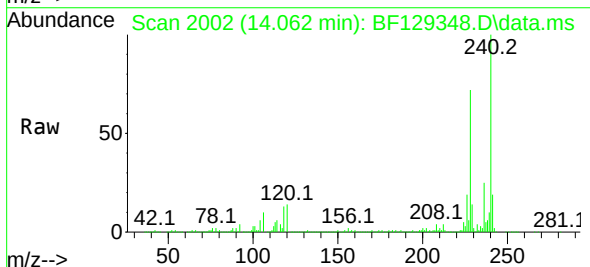
Tgt Ion:202 Resp: 224625
Ion Ratio Lower Upper
202 100
101 13.9 0.0 31.4
203 18.3 0.0 38.0

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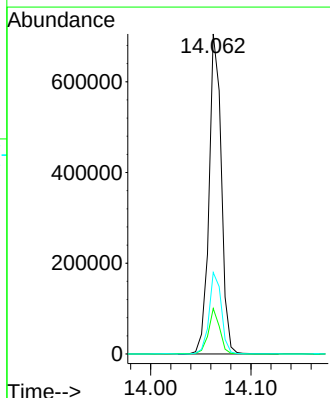
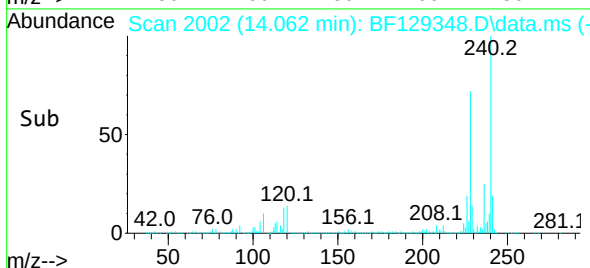
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

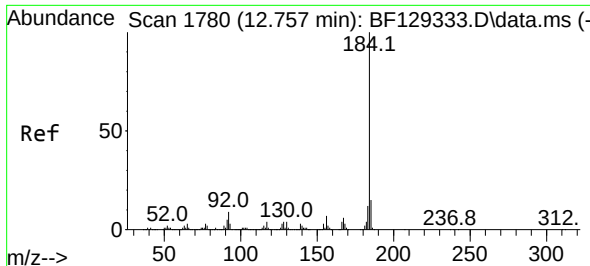


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



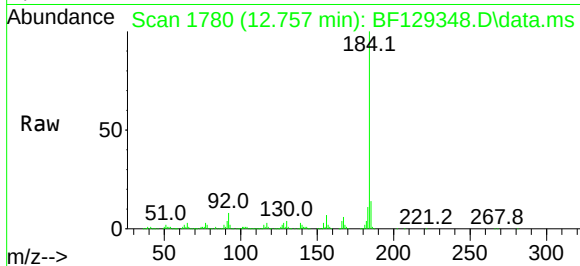
Tgt Ion:240 Resp: 601746
Ion Ratio Lower Upper
240 100
120 14.2 8.9 13.3#
236 25.5 20.8 31.2





#77
Benzidine
Concen: 32.969 ng
RT: 12.757 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

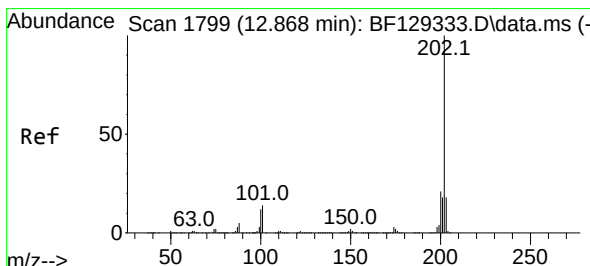
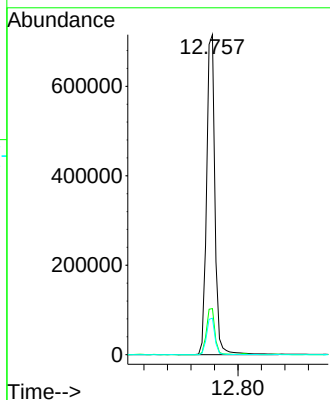
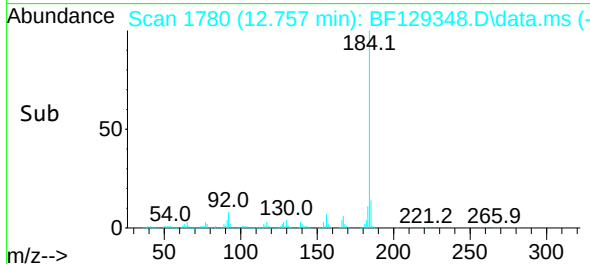
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



Tgt Ion:184 Resp: 700854
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 11.4 9.3 13.9

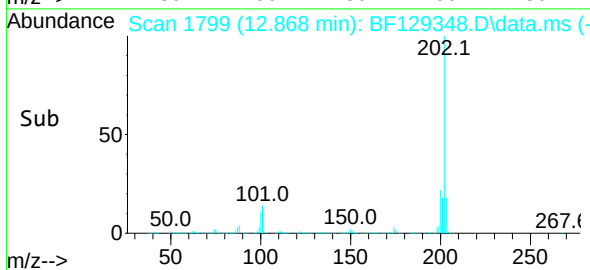
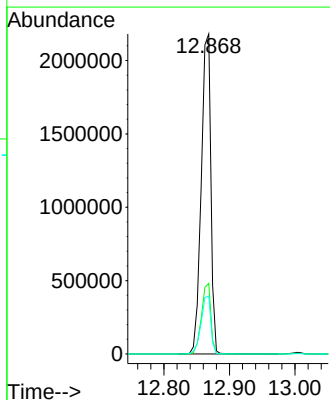
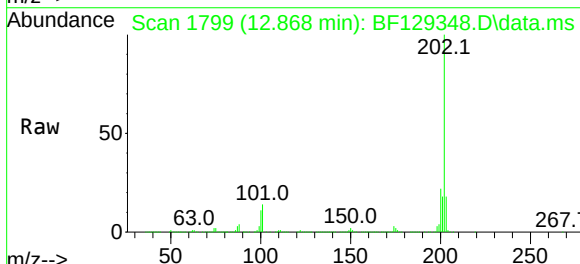
Manual Integrations
APPROVED

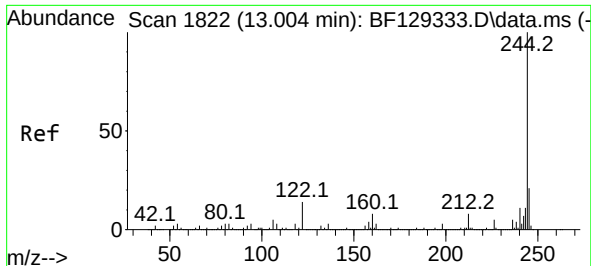
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#78
Pyrene
Concen: 44.229 ng
RT: 12.868 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Tgt Ion:202 Resp: 2225582
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 18.1 14.6 21.8





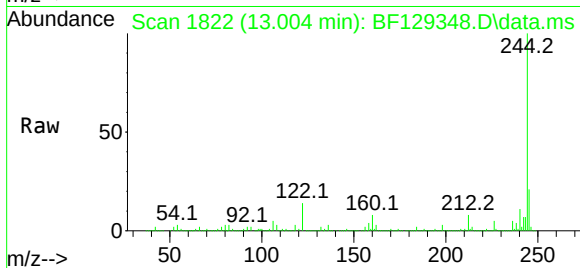
#79
 Terphenyl-d14
 Concen: 90.511 ng
 RT: 13.004 min Scan# 1822
 Delta R.T. -0.000 min
 Lab File: BF129348.D
 Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB146423BSD

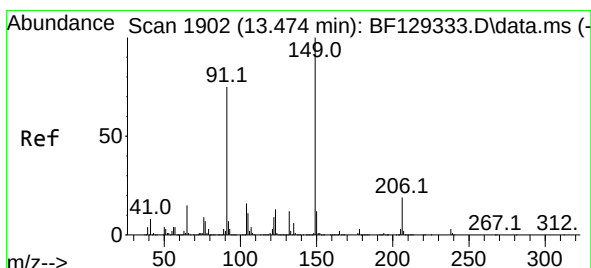
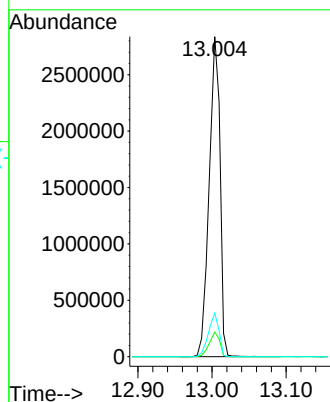
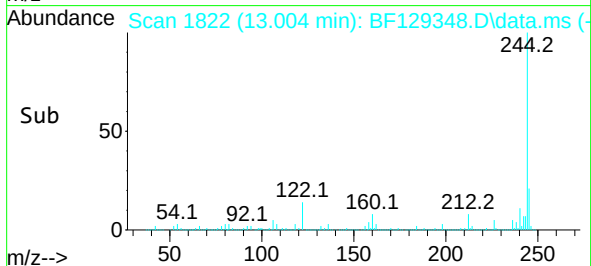


Tgt Ion:244 Resp: 2886949
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 13.7 8.8 13.2

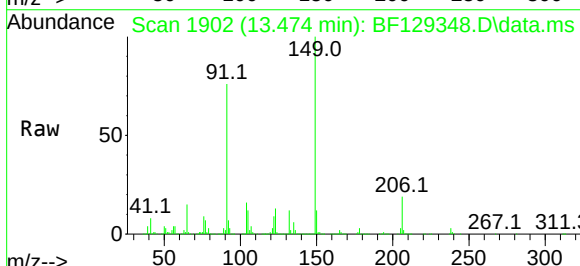
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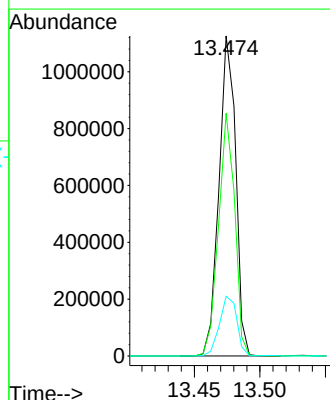
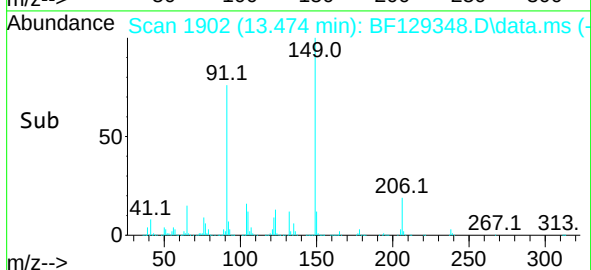
Reviewed By :Christian Giraldo 07/27/2022
 Supervised By :Jagrut Upadhyay 07/27/2022

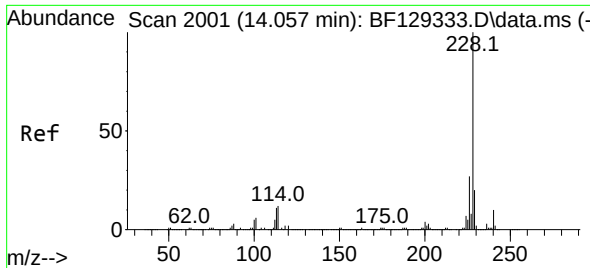


#80
 Butylbenzylphthalate
 Concen: 45.532 ng
 RT: 13.474 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: BF129348.D
 Acq: 26 Jul 2022 11:02



Tgt Ion:149 Resp: 993780
 Ion Ratio Lower Upper
 149 100
 91 75.9 61.2 91.8
 206 18.7 15.7 23.5





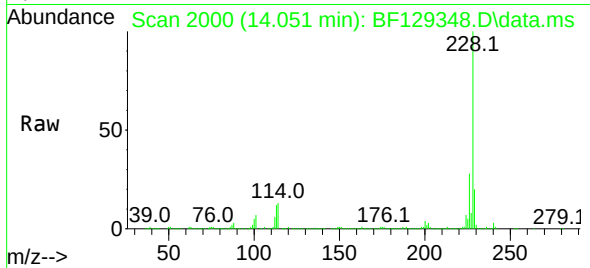
#81
Benzo(a)anthracene
Concen: 42.883 ng
RT: 14.051 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB146423BSD

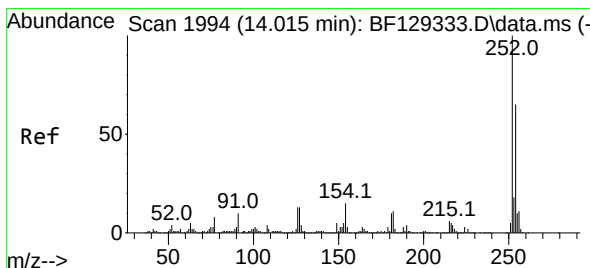
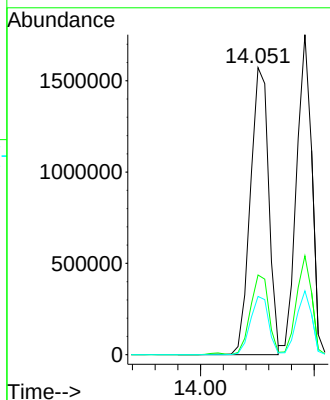
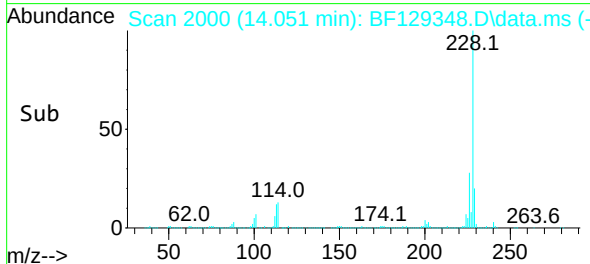


Tgt Ion:228 Resp: 176270
Ion Ratio Lower Upper
228 100
226 27.8 22.1 33.1
229 20.3 15.8 23.8

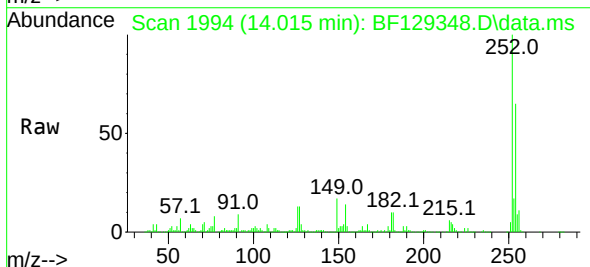
Manual Integrations

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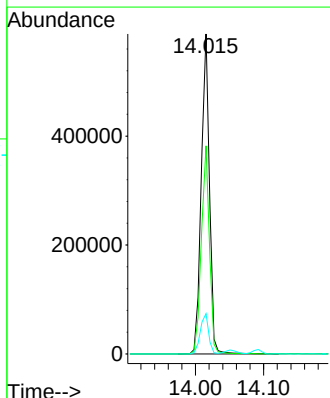
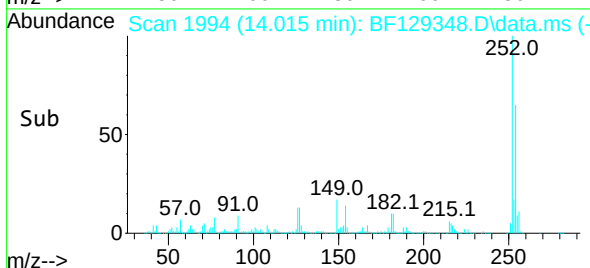
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

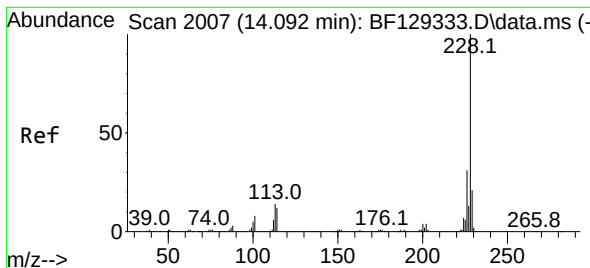


#82
3,3'-Dichlorobenzidine
Concen: 36.263 ng
RT: 14.015 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



Tgt Ion:252 Resp: 492147
Ion Ratio Lower Upper
252 100
254 65.0 50.2 75.4
126 12.6 8.2 12.4





#83

Chrysene

Concen: 42.243 ng

RT: 14.092 min Scan# 2007

Delta R.T. -0.000 min

Lab File: BF129348.D

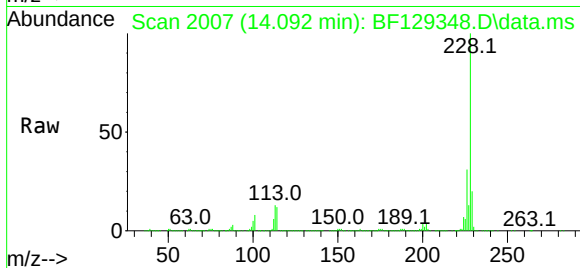
Acq: 26 Jul 2022 11:02

Instrument :

BNA_F

ClientSampleId :

PB146423BSD



Tgt Ion:228 Resp: 1636500

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

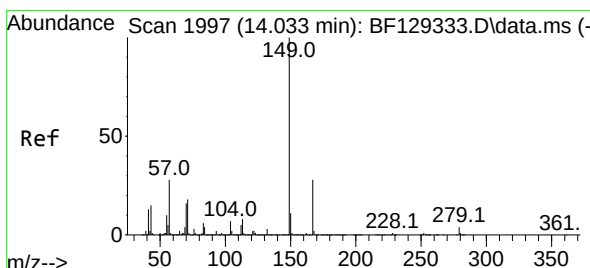
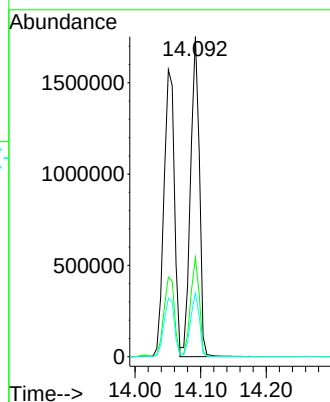
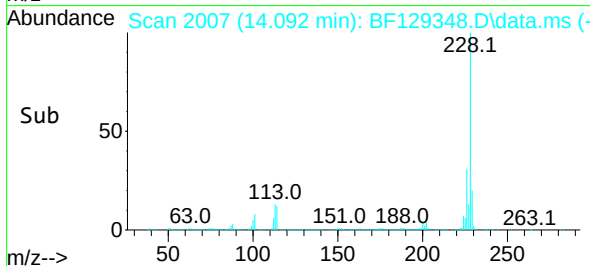
229 20.0 15.9 23.9

Manual Integrations

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Reviewed By :Christian Giraldo 07/27/2022

Supervised By :Jagrut Upadhyay 07/27/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.526 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.006 min

Lab File: BF129348.D

Acq: 26 Jul 2022 11:02

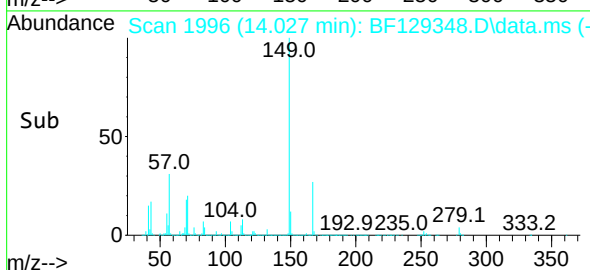
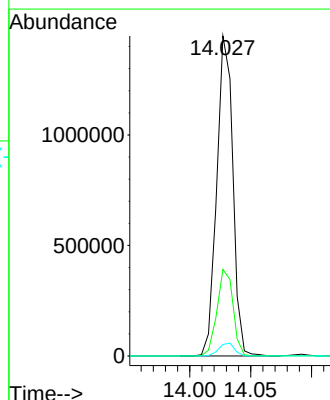
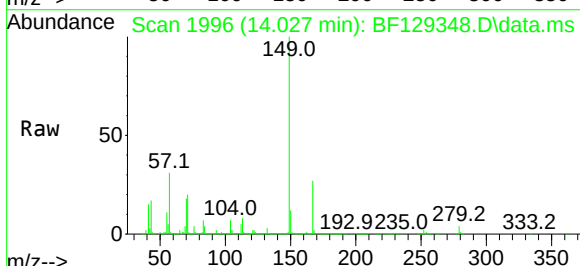
Tgt Ion:149 Resp: 1336921

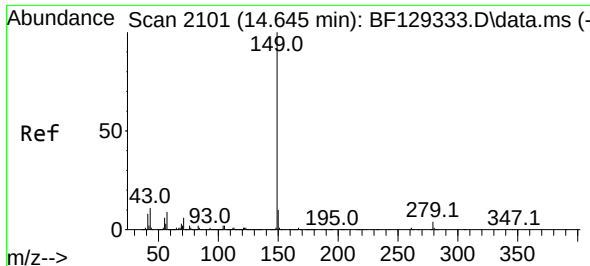
Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.4

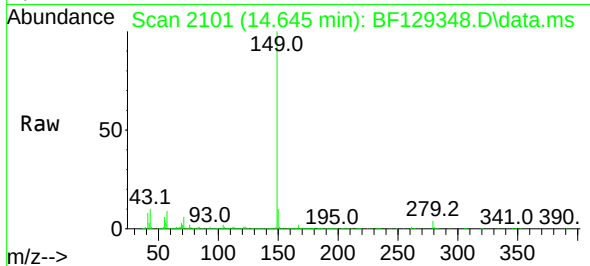
279 3.6 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 46.745 ng
RT: 14.645 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

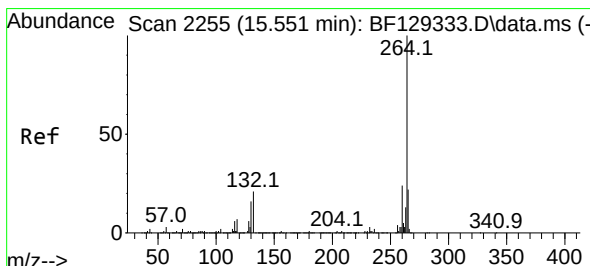
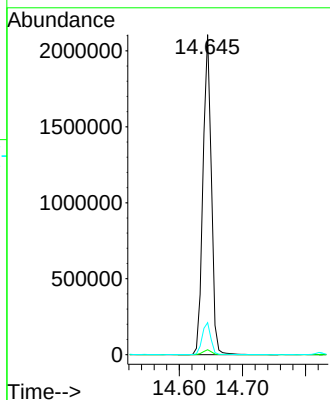
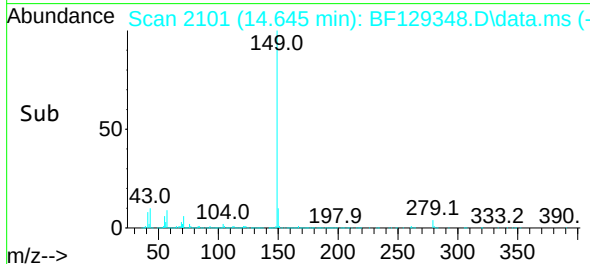
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



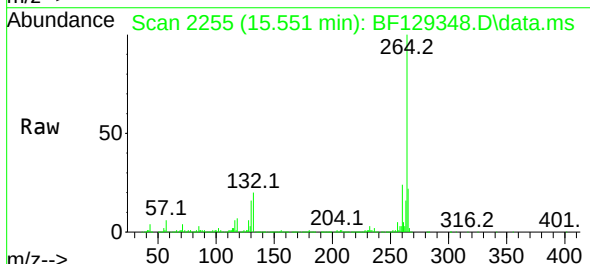
Tgt Ion:149 Resp: 1932890
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 9.2 13.8

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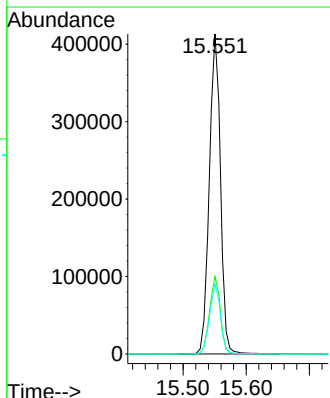
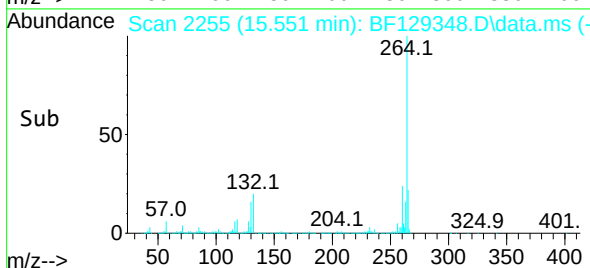
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022

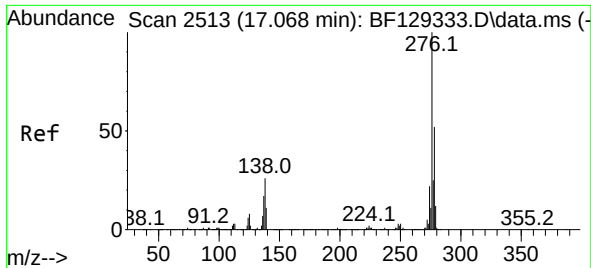


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02



Tgt Ion:264 Resp: 504629
Ion Ratio Lower Upper
264 100
260 24.2 18.4 27.6
265 21.8 17.2 25.8





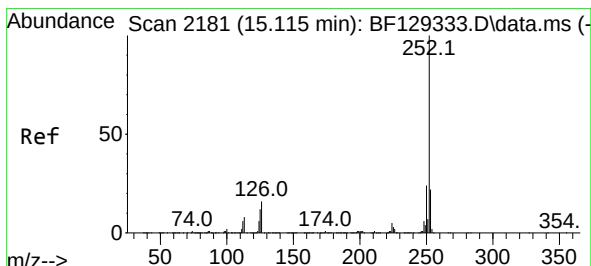
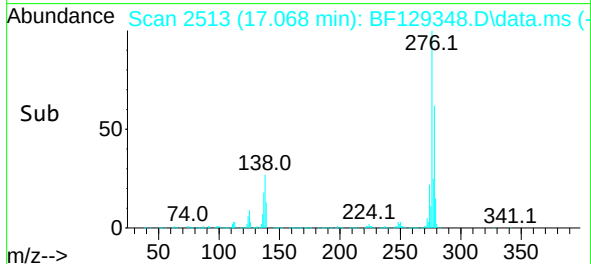
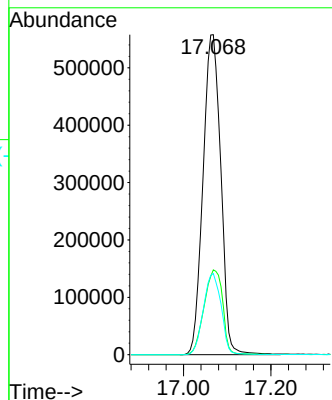
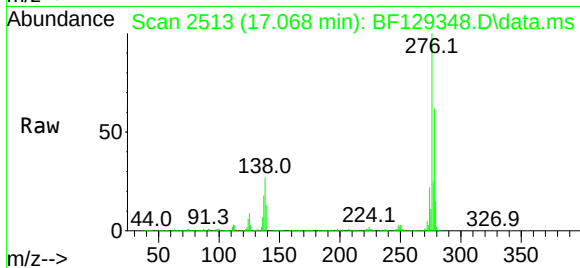
#87
Indeno(1,2,3-cd)pyrene
Concen: 46.477 ng
RT: 17.068 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Instrument :
BNA_F
ClientSampleId :
PB146423BSD

Tgt Ion:276 Resp: 157938
Ion Ratio Lower Upper
276 100
138 27.9 21.1 31.7
277 25.4 20.3 30.5

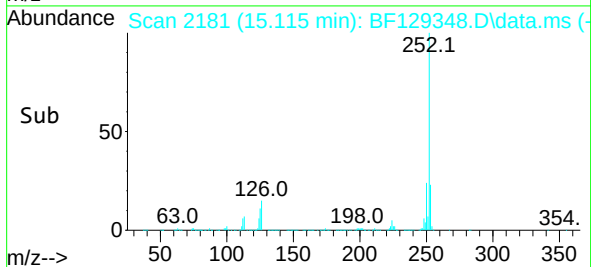
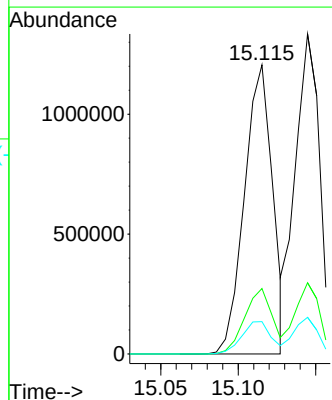
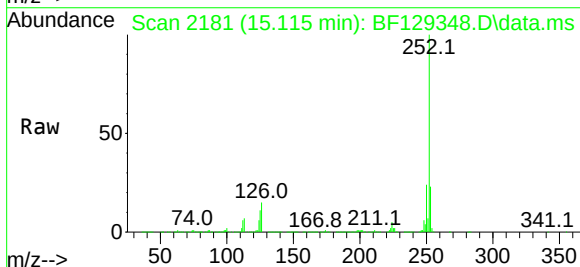
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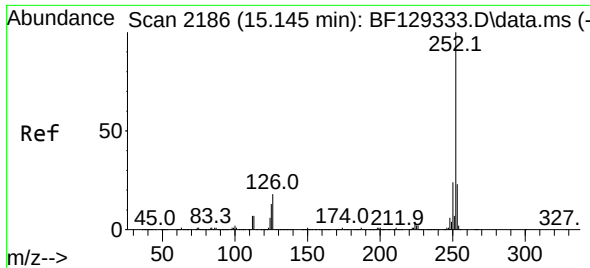
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#88
Benzo(b)fluoranthene
Concen: 45.569 ng
RT: 15.115 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

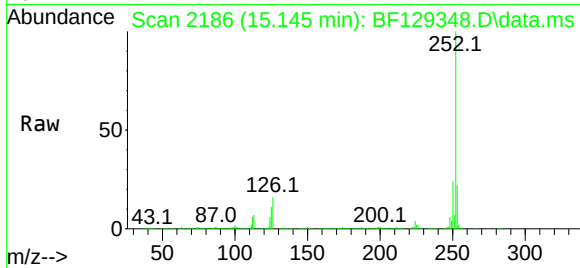
Tgt Ion:252 Resp: 1525356
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.2 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 45.154 ng
RT: 15.145 min Scan# 2186
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

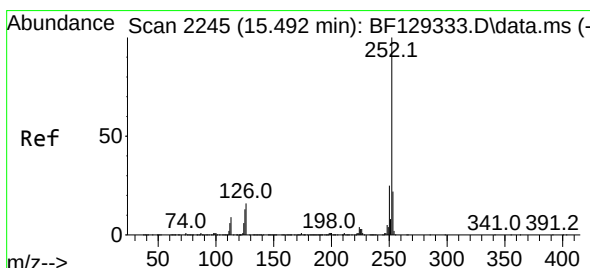
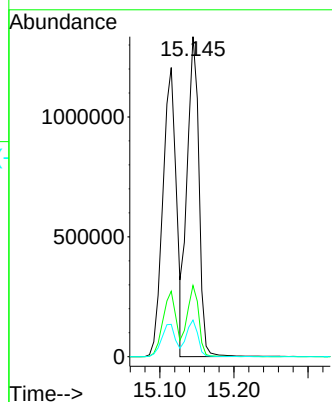
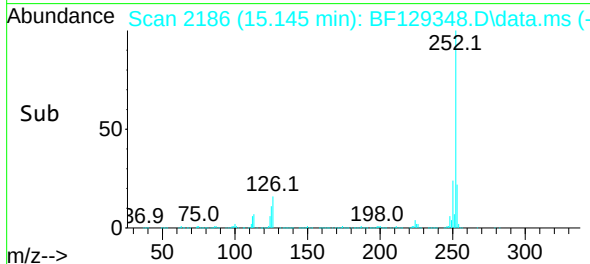
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



Tgt Ion:252 Resp: 1481190
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 11.5 8.3 12.5

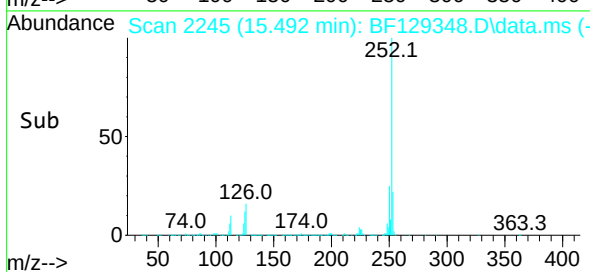
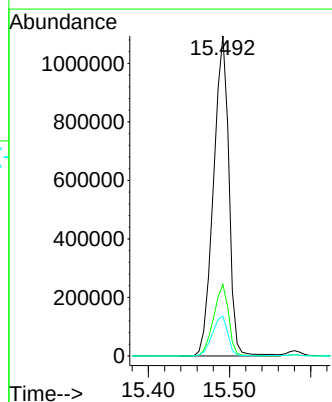
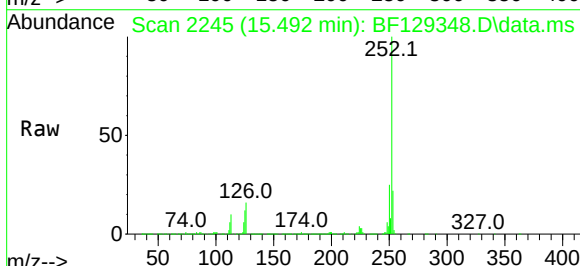
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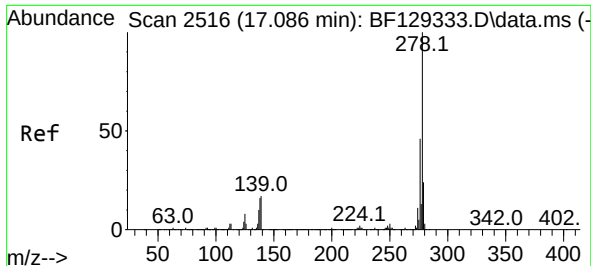
Reviewed By :Christian Giraldo 07/27/2022
Supervised By :Jagrut Upadhyay 07/27/2022



#90
Benzo(a)pyrene
Concen: 52.822 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

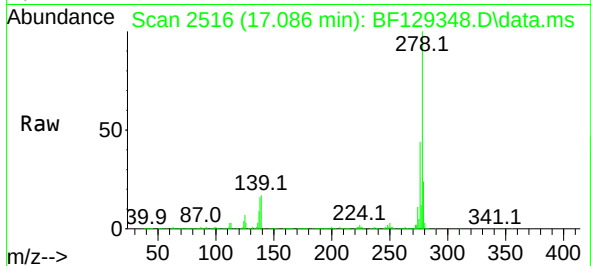
Tgt Ion:252 Resp: 1435331
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.6
125 12.4 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 48.893 ng
RT: 17.086 min Scan# 2516
Delta R.T. -0.000 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

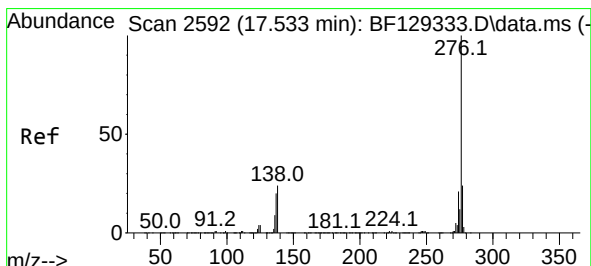
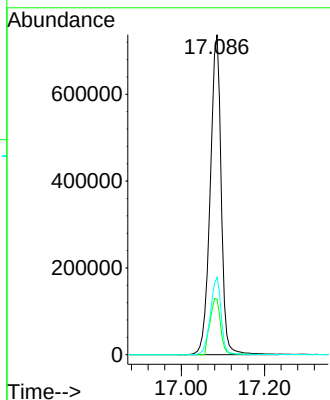
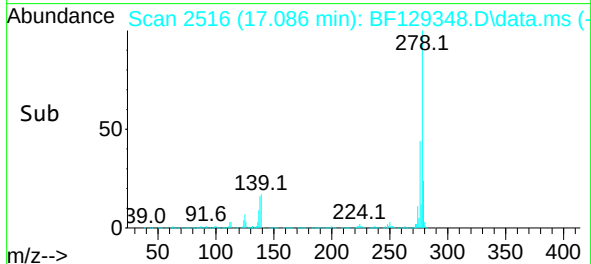
Instrument :
BNA_F
ClientSampleId :
PB146423BSD



Tgt Ion:278 Resp: 135229
Ion Ratio Lower Upper
278 100
139 17.4 12.8 19.2
279 24.2 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: 49.592 ng
RT: 17.527 min Scan# 2591
Delta R.T. -0.006 min
Lab File: BF129348.D
Acq: 26 Jul 2022 11:02

Tgt Ion:276 Resp: 1401597
Ion Ratio Lower Upper
276 100
277 23.4 19.1 28.7
138 25.0 18.0 27.0

