

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022222\
 Data File : BF127022.D
 Acq On : 22 Feb 2022 21:44
 Operator : CG\JU
 Sample : N1610-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-021822MS

Quant Time: Feb 22 23:59:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/23/2022
 Supervised By : Jagrut Upadhyay 02/23/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	79565	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	294574	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	122075	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	178216	20.000	ng	# 0.00
76) Chrysene-d12	14.104	240	130433	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	99072	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	542929	105.466	ng	0.01
7) Phenol-d6	6.557	99	711263	102.393	ng	0.01
23) Nitrobenzene-d5	7.487	82	493209	75.574	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	144902	103.094	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	677471	81.699	ng	0.00
79) Terphenyl-d14	13.045	244	527764	59.481	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	87990	37.353	ng	# 93
3) Pyridine	3.552	79	217592	35.216	ng	# 85
4) n-Nitrosodimethylamine	3.516	42	146090	48.267	ng	# 62
6) Aniline	6.587	93	169306	20.571	ng	95
8) 2-Chlorophenol	6.710	128	264470	47.881	ng	98
9) Benzaldehyde	6.475	77	167262	39.557	ng	97
10) Phenol	6.569	94	335790m	47.841	ng	
11) bis(2-Chloroethyl)ether	6.657	93	256980	46.680	ng	96
12) 1,3-Dichlorobenzene	6.869	146	281012	47.163	ng	100
13) 1,4-Dichlorobenzene	6.946	146	286819	47.482	ng	98
14) 1,2-Dichlorobenzene	7.093	146	270289	46.922	ng	97
15) Benzyl Alcohol	7.063	79	266919	45.612	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.198	45	369531	42.628	ng	95
17) 2-Methylphenol	7.175	107	219291	45.888	ng	# 93
18) Hexachloroethane	7.434	117	108115	46.694	ng	95
19) n-Nitroso-di-n-propyla...	7.334	70	207335	46.321	ng	99
20) 3+4-Methylphenols	7.328	107	278549	44.887	ng	# 86
22) Acetophenone	7.334	105	392280	50.578	ng	# 98
24) Nitrobenzene	7.510	77	307466	49.872	ng	99
25) Isophorone	7.745	82	536558	49.685	ng	# 97
26) 2-Nitrophenol	7.822	139	132250	50.383	ng	# 78
27) 2,4-Dimethylphenol	7.857	122	233916m	54.246	ng	
28) bis(2-Chloroethoxy)met...	7.951	93	309023	47.201	ng	98
29) 2,4-Dichlorophenol	8.063	162	190420	46.969	ng	98
30) 1,2,4-Trichlorobenzene	8.145	180	216239	47.708	ng	98
31) Naphthalene	8.234	128	722385	46.977	ng	99
32) Benzoic acid	7.969	122	116732	38.170	ng	87
33) 4-Chloroaniline	8.275	127	47893	7.913	ng	96
34) Hexachlorobutadiene	8.340	225	132425	50.045	ng	97
35) Caprolactam	8.645	113	60646m	42.837	ng	
36) 4-Chloro-3-methylphenol	8.757	107	226246	43.666	ng	95
37) 2-Methylnaphthalene	8.922	142	454476	45.548	ng	96
38) 1-Methylnaphthalene	9.022	142	417118	43.655	ng	98
40) 1,2,4,5-Tetrachloroben...	9.087	216	181326	56.427	ng	99
41) Hexachlorocyclopentadiene	9.069	237	118700	68.107	ng	93
43) 2,4,6-Trichlorophenol	9.198	196	119600	50.745	ng	96

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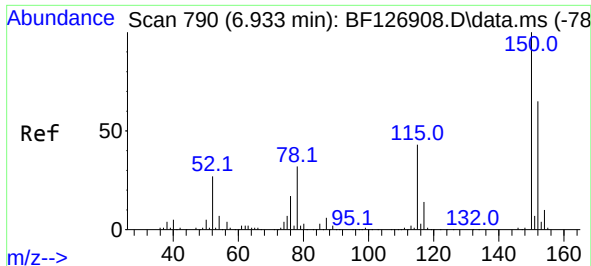
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	120121	48.433	ng	96
46) 1,1'-Biphenyl	9.387	154	515263	53.275	ng	97
47) 2-Chloronaphthalene	9.416	162	368687	51.405	ng	97
48) 2-Nitroaniline	9.510	65	144233	50.961	ng	96
49) Acenaphthylene	9.828	152	581096	49.878	ng	99
50) Dimethylphthalate	9.681	163	457818	52.467	ng	99
51) 2,6-Dinitrotoluene	9.745	165	93084	52.433	ng	# 80
52) Acenaphthene	10.004	154	356780	47.089	ng	98
53) 3-Nitroaniline	9.916	138	62505	28.803	ng	# 97
54) 2,4-Dinitrophenol	10.022	184	28286	30.103	ng	# 86
55) Dibenzofuran	10.175	168	481339	46.200	ng	93
56) 4-Nitrophenol	10.081	139	137482	85.777	ng	# 84
57) 2,4-Dinitrotoluene	10.151	165	118195	49.241	ng	# 98
58) Fluorene	10.516	166	368453	45.401	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.286	232	84420	42.935	ng	# 97
60) Diethylphthalate	10.381	149	450959	49.460	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	173383	45.309	ng	93
62) 4-Nitroaniline	10.528	138	79918	37.294	ng	# 78
63) Azobenzene	10.669	77	421893	41.555	ng	92
65) 4,6-Dinitro-2-methylph...	10.557	198	21115	20.165	ng	90
66) n-Nitrosodiphenylamine	10.622	169	314139	53.756	ng	98
67) 4-Bromophenyl-phenylether	10.998	248	102228	51.340	ng	96
68) Hexachlorobenzene	11.063	284	109254	50.967	ng	97
69) Atrazine	11.151	200	99794	55.060	ng	97
70) Pentachlorophenol	11.257	266	114841	98.141	ng	98
71) Phenanthrene	11.481	178	521406	52.271	ng	100
72) Anthracene	11.533	178	499357	50.286	ng	99
73) Carbazole	11.686	167	419696	46.087	ng	98
74) Di-n-butylphthalate	12.010	149	579865	49.530	ng	99
75) Fluoranthene	12.675	202	499041	52.689	ng	94
77) Benzidine	12.804	184	165946m	46.817	ng	
78) Pyrene	12.910	202	514709	45.422	ng	100
80) Butylbenzylphthalate	13.516	149	234163	43.649	ng	90
81) Benzo(a)anthracene	14.098	228	444469	50.546	ng	99
82) 3,3'-Dichlorobenzidine	14.051	252	68376	24.674	ng	# 98
83) Chrysene	14.133	228	414680	50.149	ng	99
84) Bis(2-ethylhexyl)phtha...	14.069	149	340074	48.285	ng	# 96
85) Di-n-octyl phthalate	14.686	149	532975	52.558	ng	98
87) Indeno(1,2,3-cd)pyrene	17.145	276	292979	45.100	ng	# 84
88) Benzo(b)fluoranthene	15.163	252	380349	57.161	ng	# 96
89) Benzo(k)fluoranthene	15.198	252	328796	51.230	ng	# 95
90) Benzo(a)pyrene	15.545	252	322803	62.108	ng	95
91) Dibenzo(a,h)anthracene	17.163	278	244356	45.481	ng	# 91
92) Benzo(g,h,i)perylene	17.621	276	242443	45.772	ng	# 84

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

Manual Integrations

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

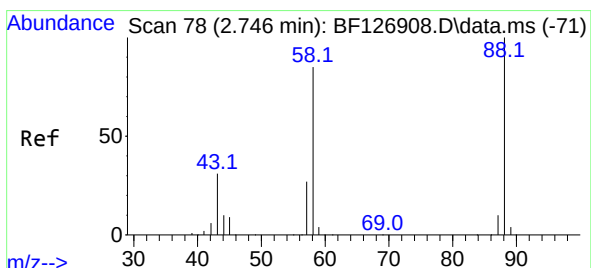
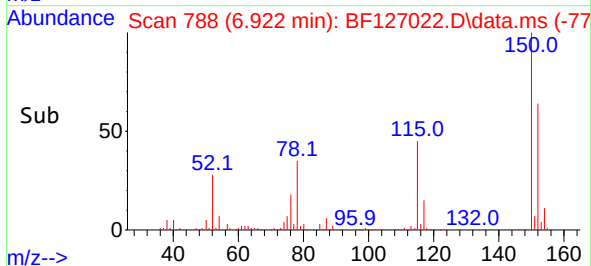
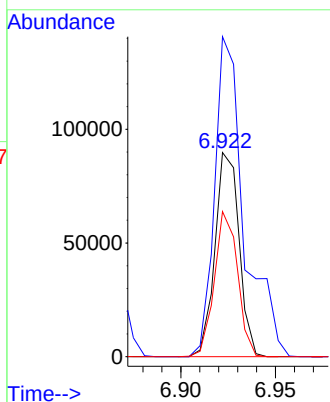
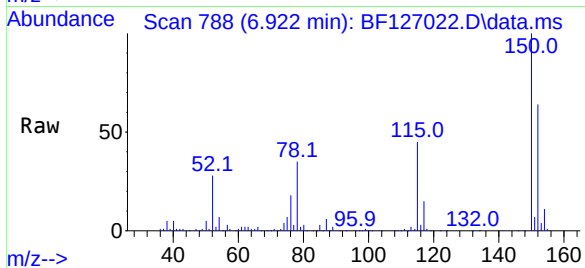
TR-05-021822MS

Tgt Ion:152 Resp: 7956
Ion Ratio Lower Upper
152 100
150 156.7 128.1 192.1
115 71.1 56.7 85.1

Manual Integrations

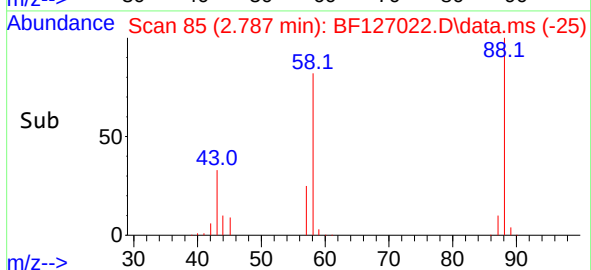
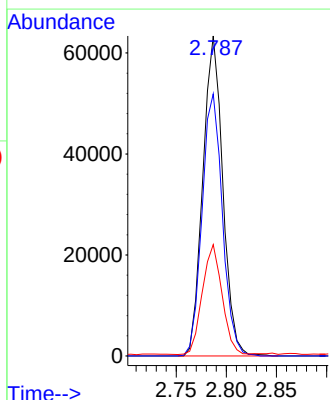
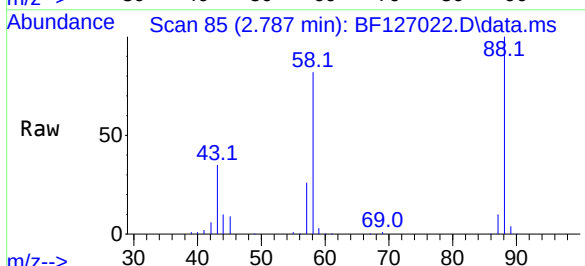
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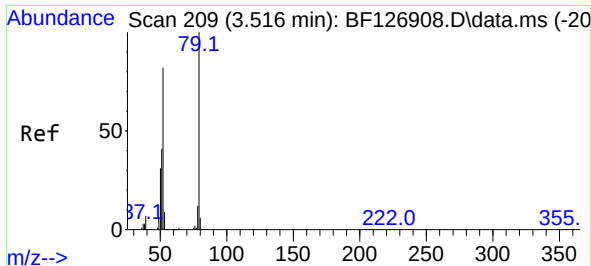
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#2
1,4-Dioxane
Concen: 37.353 ng
RT: 2.787 min Scan# 85
Delta R.T. 0.053 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Tgt Ion: 88 Resp: 87990
Ion Ratio Lower Upper
88 100
58 83.5 62.8 94.2
43 33.8 22.3 33.5





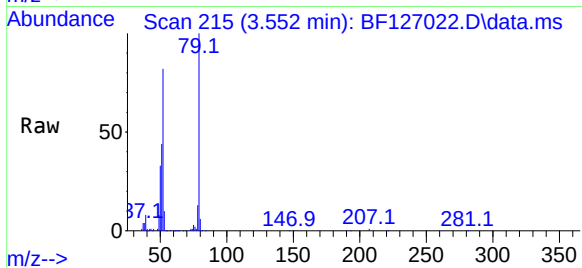
#3
Pyridine
Concen: 35.216 ng
RT: 3.552 min Scan# 215
Delta R.T. 0.041 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

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ClientSampleId :

TR-05-021822MS

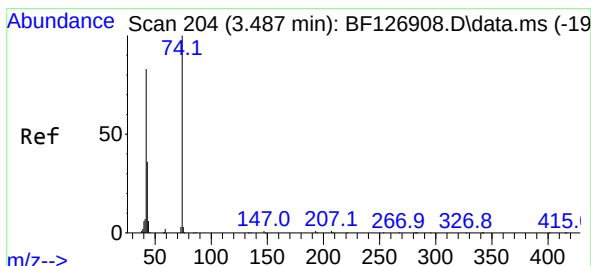
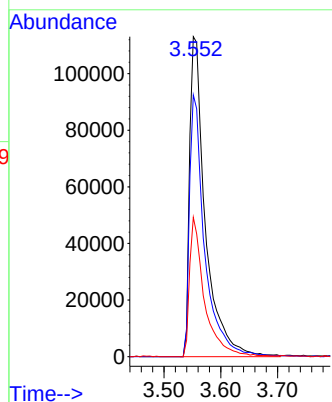
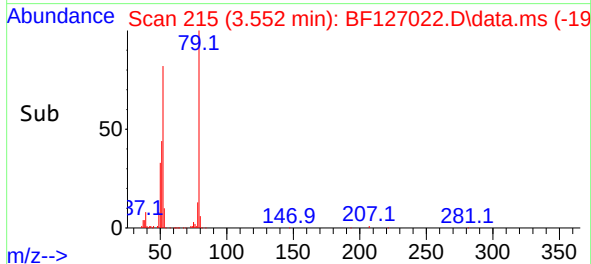


Tgt Ion: 79 Resp: 217592
Ion Ratio Lower Upper
79 100
52 81.8 56.2 84.4
51 43.5 26.7 40.1

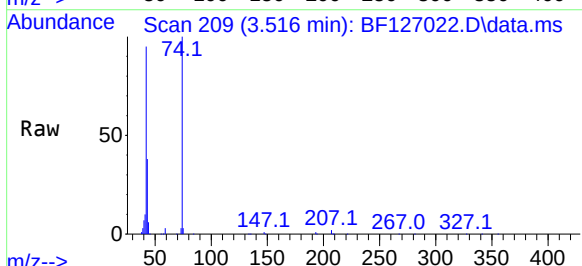
Manual Integrations

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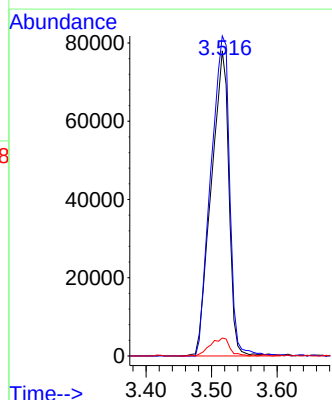
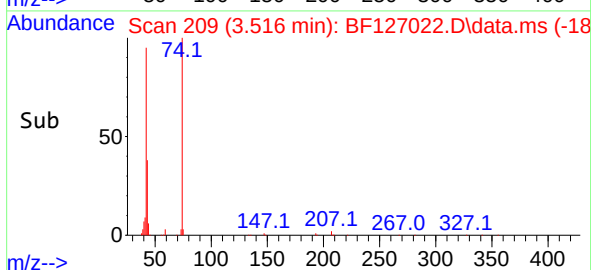
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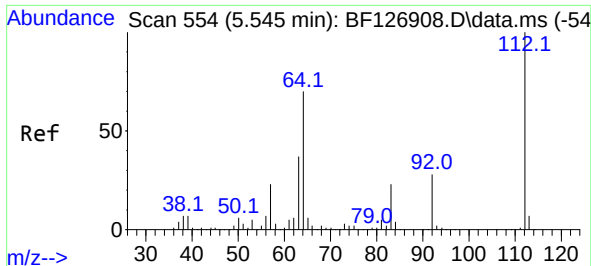


#4
n-Nitrosodimethylamine
Concen: 48.267 ng
RT: 3.516 min Scan# 209
Delta R.T. 0.041 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion: 42 Resp: 146090
Ion Ratio Lower Upper
42 100
74 104.9 125.6 188.4
44 5.9 5.7 8.5





#5
2-Fluorophenol
Concen: 105.466 ng
RT: 5.551 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

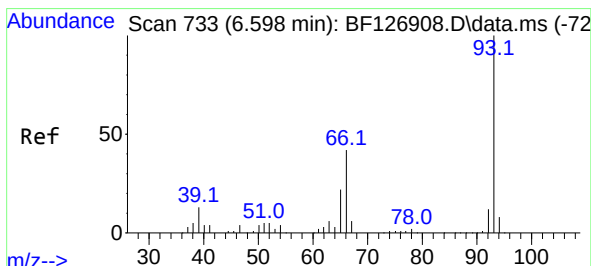
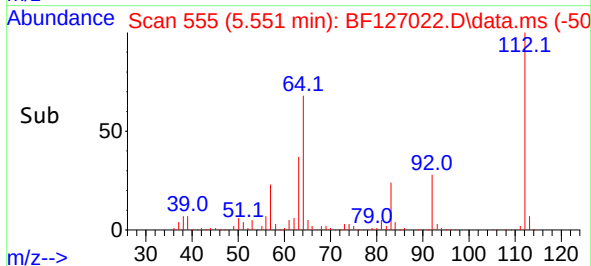
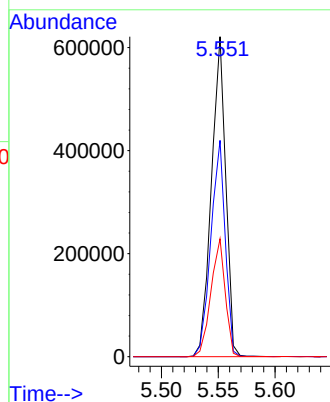
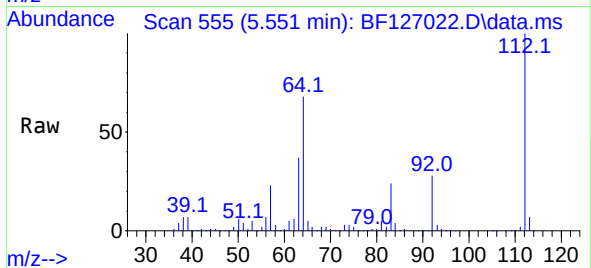
TR-05-021822MS

Tgt Ion:112 Resp: 542929
Ion Ratio Lower Upper
112 100
64 67.6 49.5 74.3
63 36.8 23.9 35.9

Manual Integrations

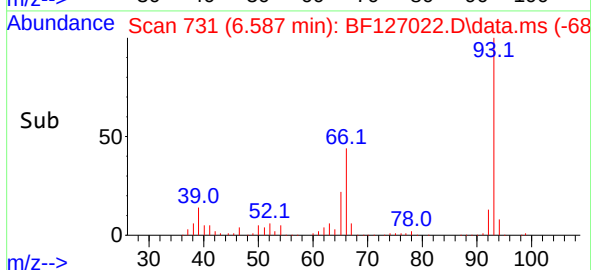
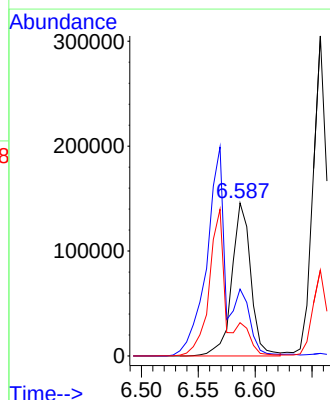
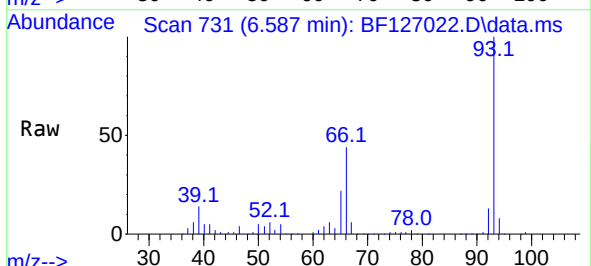
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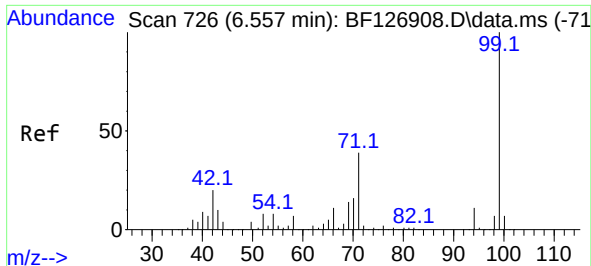
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#6
Aniline
Concen: 20.571 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF127022.D
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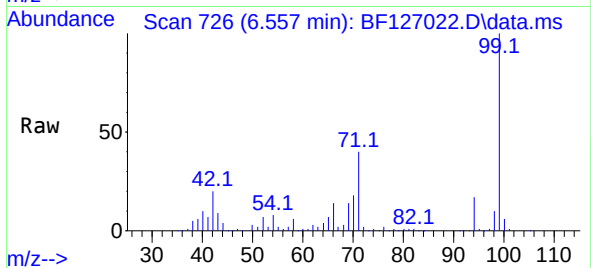
Tgt Ion: 93 Resp: 169306
Ion Ratio Lower Upper
93 100
66 43.8 32.2 48.4
65 21.7 16.3 24.5





#7
Phenol-d6
Concen: 102.393 ng
RT: 6.557 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

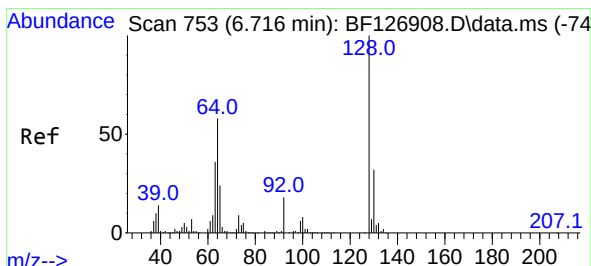
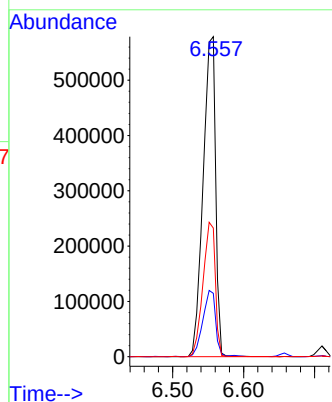
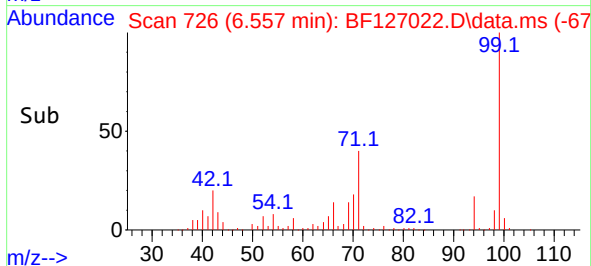
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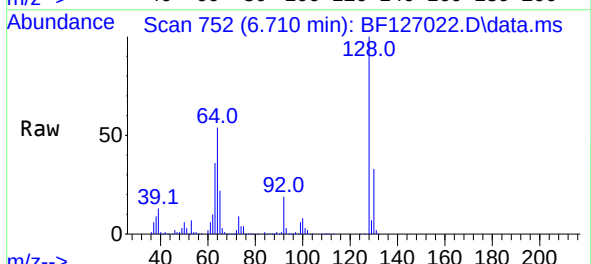
Tgt Ion: 99 Resp: 71126
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 40.2 24.3 36.5

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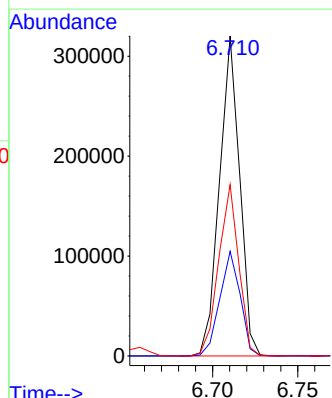
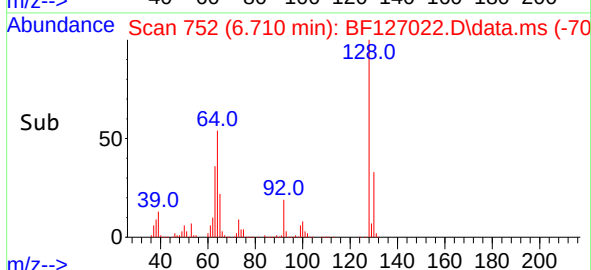
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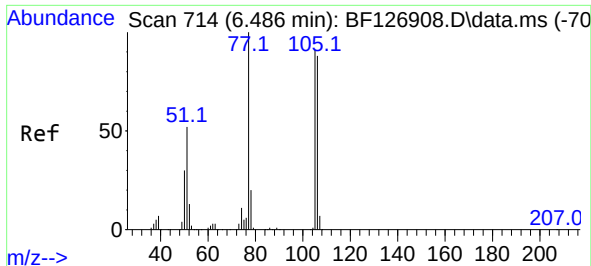


#8
2-Chlorophenol
Concen: 47.881 ng
RT: 6.710 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



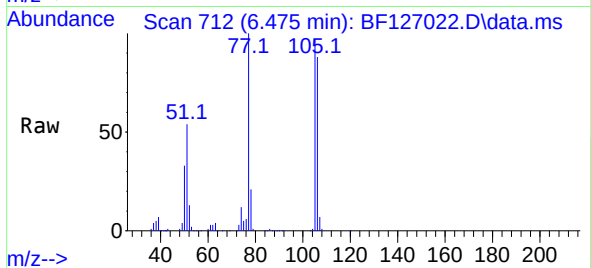
Tgt Ion:128 Resp: 264470
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 53.6 35.6 75.6





#9
Benzaldehyde
Concen: 39.557 ng
RT: 6.475 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

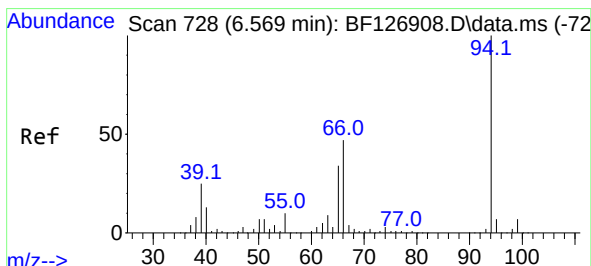
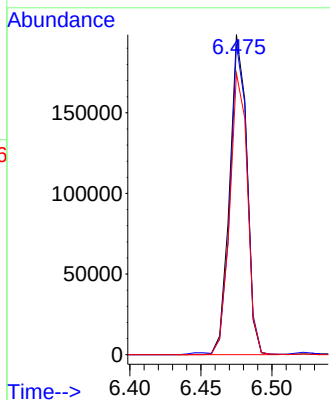
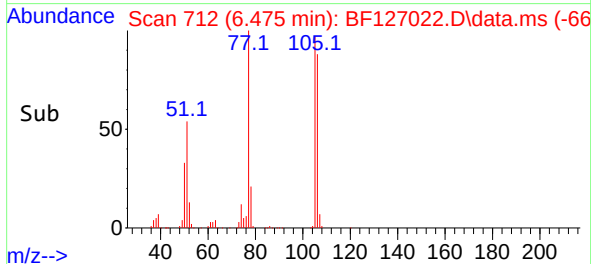
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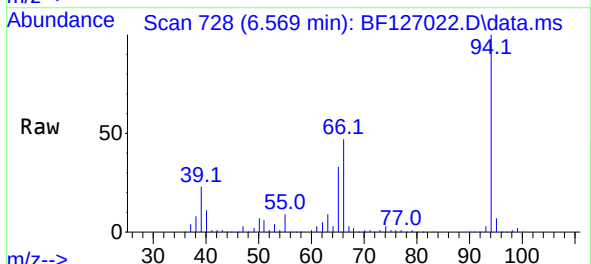
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Ion Ratio Lower Upper
77 100
105 96.9 74.9 114.9
106 87.9 72.4 112.4

Manual Integrations
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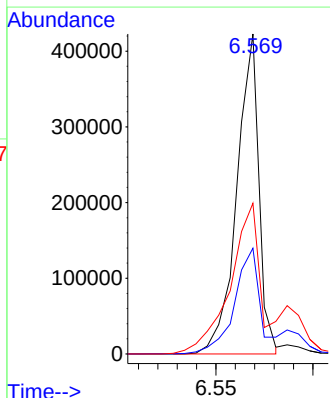
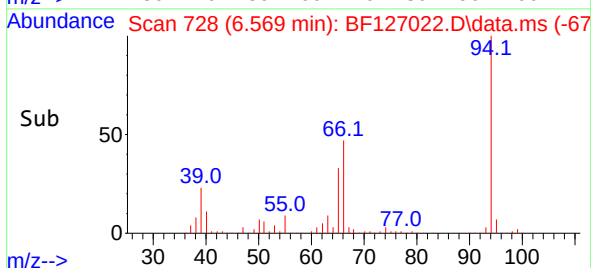
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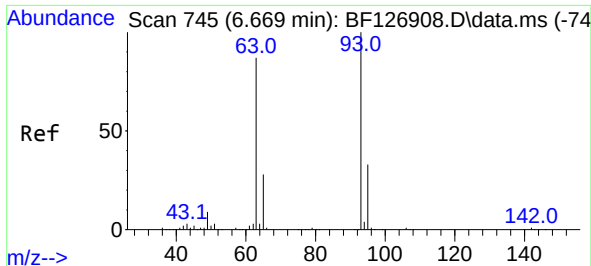


#10
Phenol
Concen: 47.841 ng m
RT: 6.569 min Scan# 728
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion: 94 Resp: 335790
Ion Ratio Lower Upper
94 100
65 33.1 7.2 47.2
66 47.1 14.5 54.5





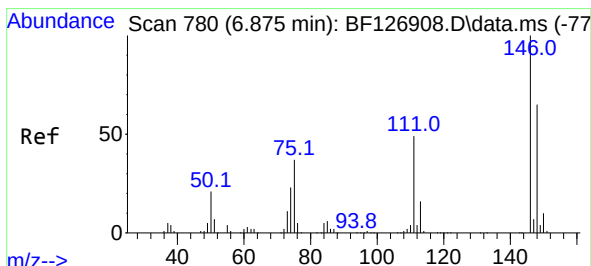
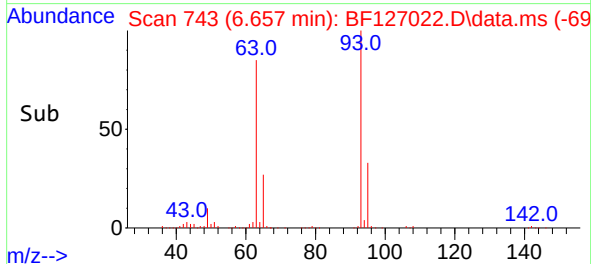
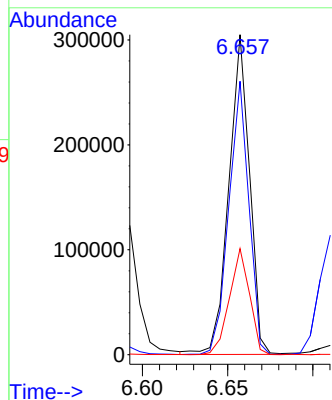
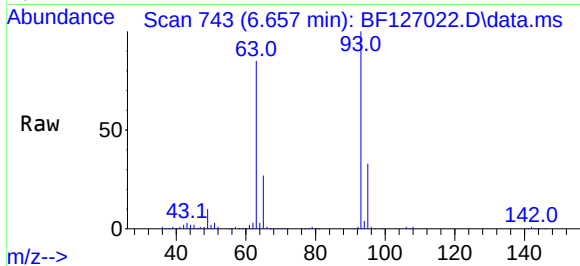
#11
bis(2-Chloroethyl)ether
Concen: 46.680 ng
RT: 6.657 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS

Tgt Ion: 93 Resp: 256980
Ion Ratio Lower Upper
93 100
63 85.4 60.5 100.5
95 33.2 12.9 52.9

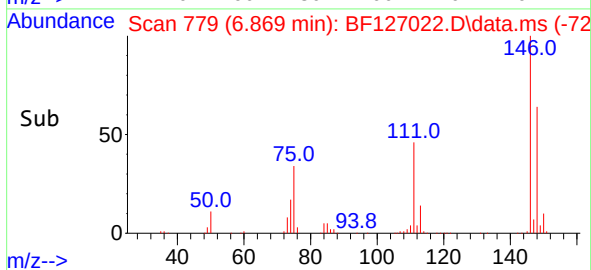
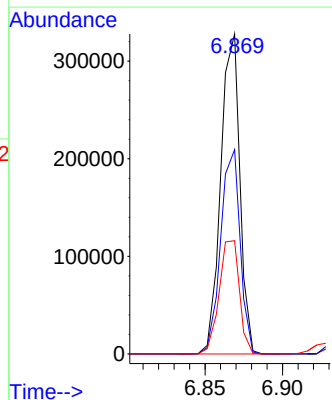
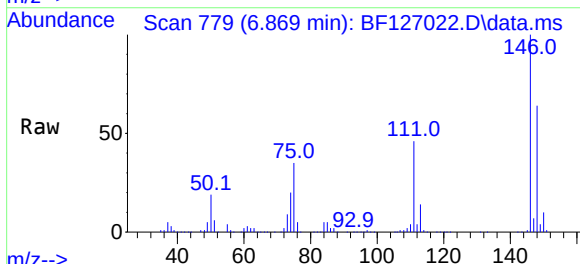
Manual Integrations
APPROVED

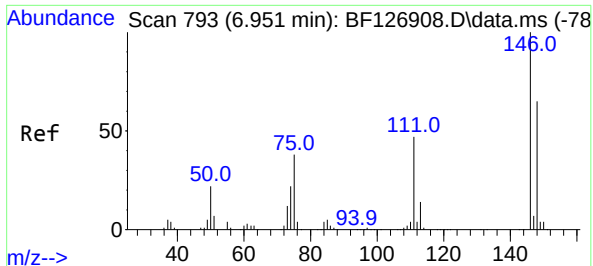
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#12
1,3-Dichlorobenzene
Concen: 47.163 ng
RT: 6.869 min Scan# 779
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

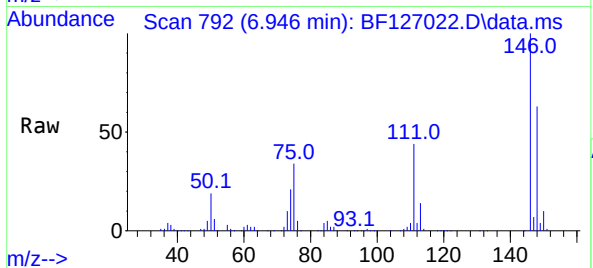
Tgt Ion:146 Resp: 281012
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
75 35.4 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 47.482 ng
RT: 6.946 min Scan# 793
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

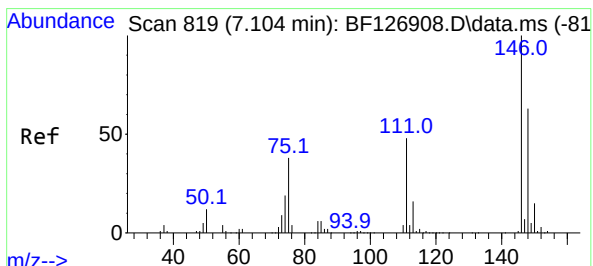
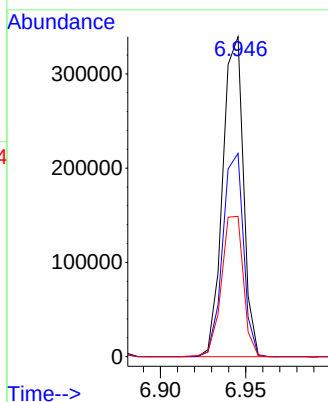
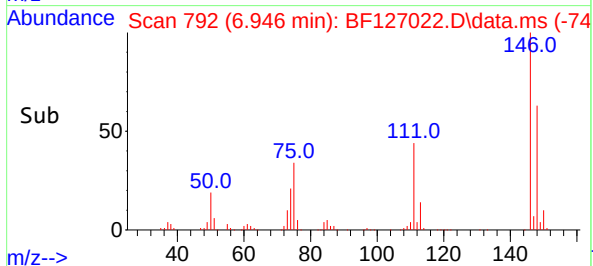
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS



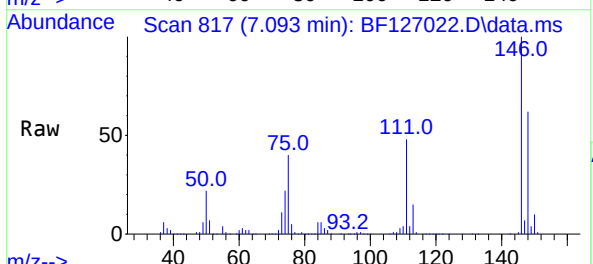
Tgt Ion:146 Resp: 286819
Ion Ratio Lower Upper
146 100
148 63.5 49.8 74.6
111 43.9 36.1 54.1

Manual Integrations
APPROVED

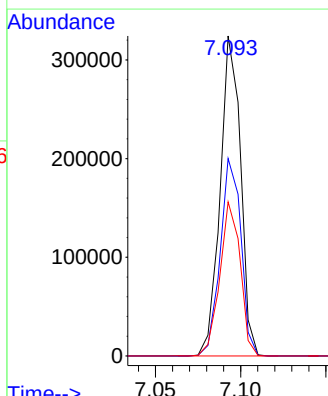
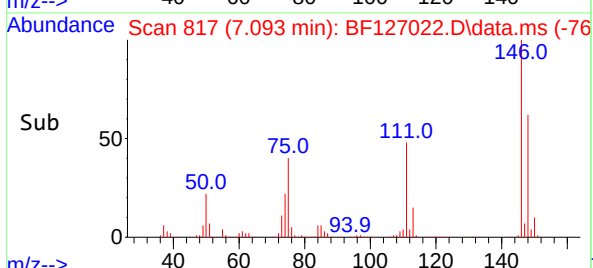
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

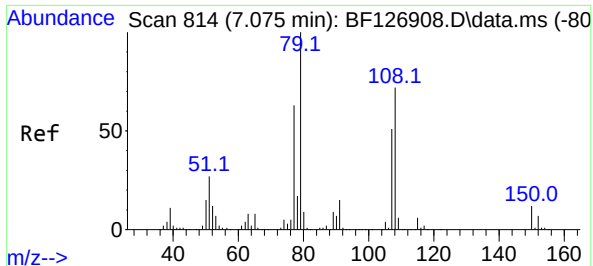


#14
1,2-Dichlorobenzene
Concen: 46.922 ng
RT: 7.093 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



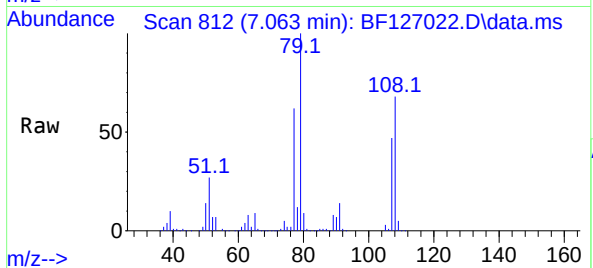
Tgt Ion:146 Resp: 270289
Ion Ratio Lower Upper
146 100
148 61.7 51.6 77.4
111 48.2 40.2 60.2





#15
Benzyl Alcohol
Concen: 45.612 ng
RT: 7.063 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

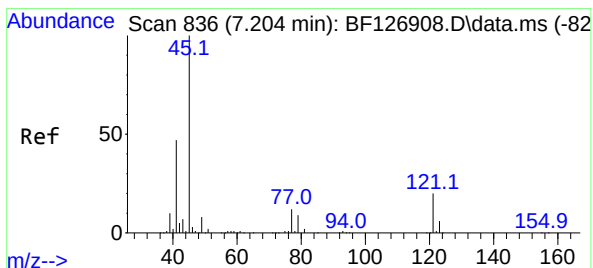
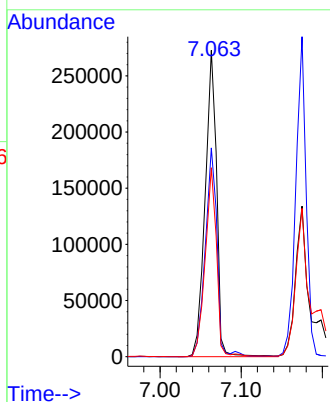
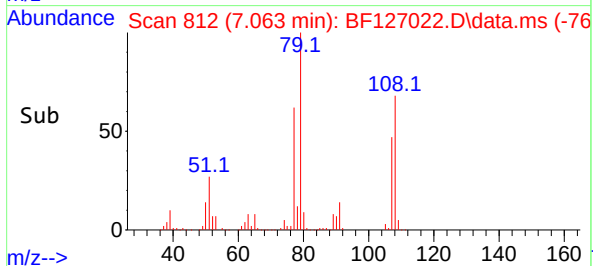
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MS



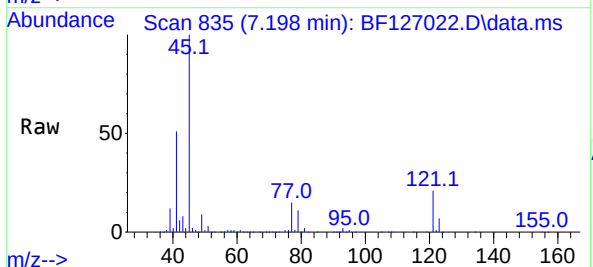
Tgt Ion: 79 Resp: 266919
Ion Ratio Lower Upper
79 100
108 68.2 63.2 94.8
77 61.7 49.4 74.2

Manual Integrations
APPROVED

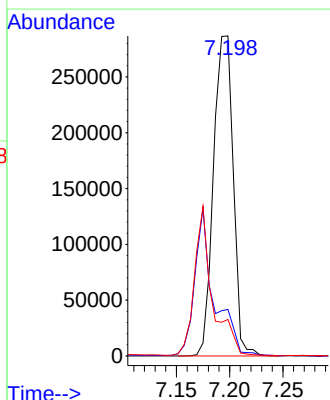
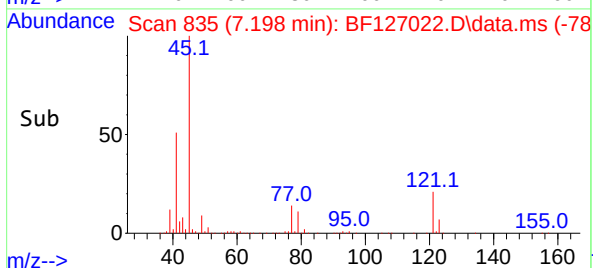
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

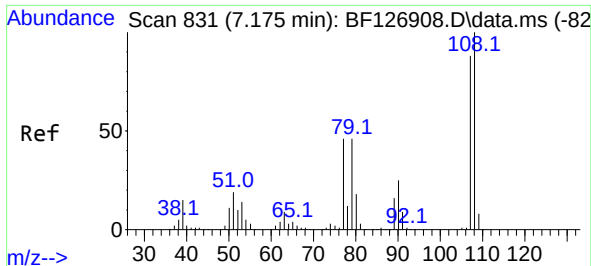


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.628 ng
RT: 7.198 min Scan# 835
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion: 45 Resp: 369531
Ion Ratio Lower Upper
45 100
77 14.6 0.0 32.4
79 11.4 0.0 29.8





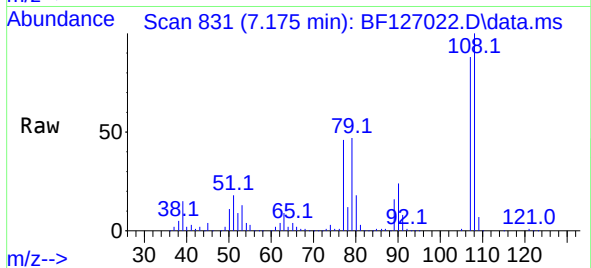
#17
2-Methylphenol
Concen: 45.888 ng
RT: 7.175 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MS

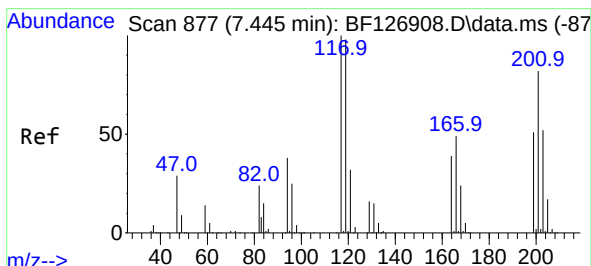
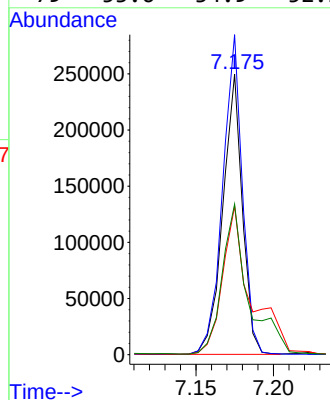


Tgt Ion:107 Resp: 21929
Ion Ratio Lower Upper
107 100
108 114.0 93.4 140.0
77 52.9 36.1 54.1
79 53.6 34.9 52.3#

Manual Integrations

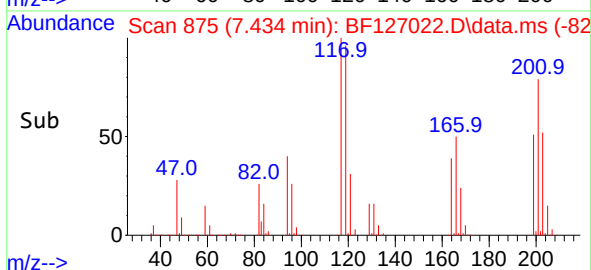
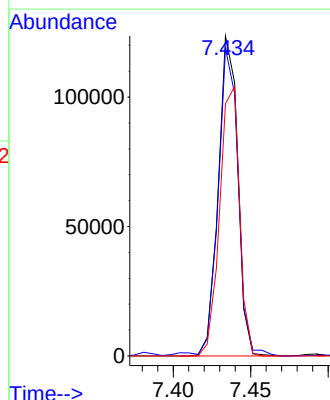
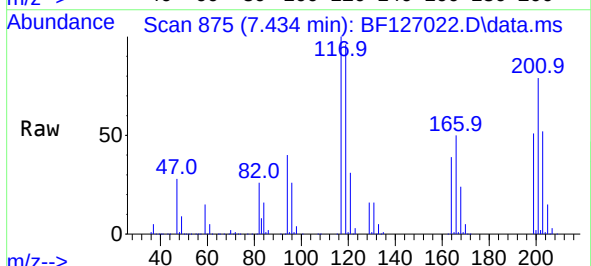
APPROVED

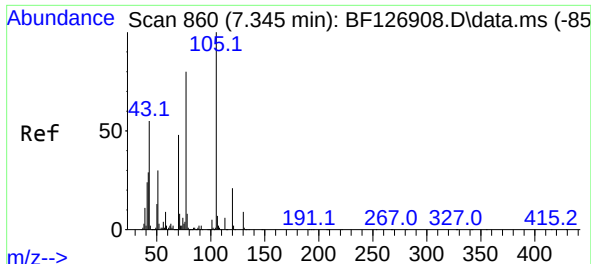
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#18
Hexachloroethane
Concen: 46.694 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

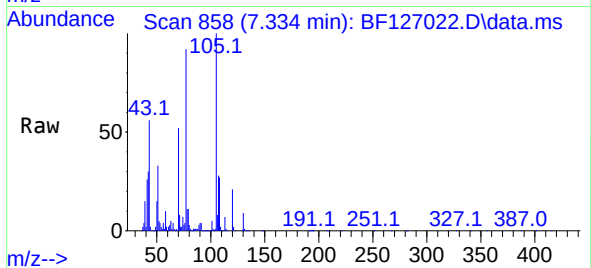
Tgt Ion:117 Resp: 108115
Ion Ratio Lower Upper
117 100
119 96.1 75.4 113.0
201 78.8 56.8 85.2





#19
n-Nitroso-di-n-propylamine
Concen: 46.321 ng
RT: 7.334 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

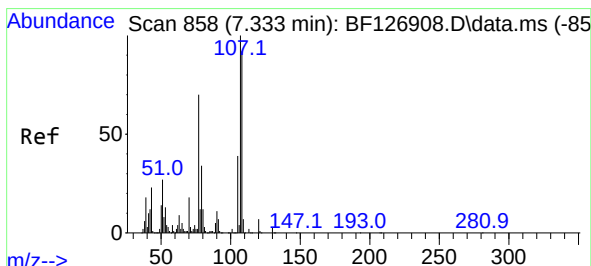
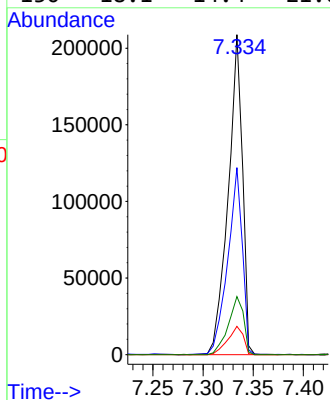
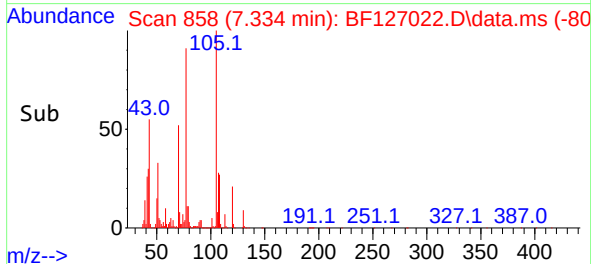
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MS



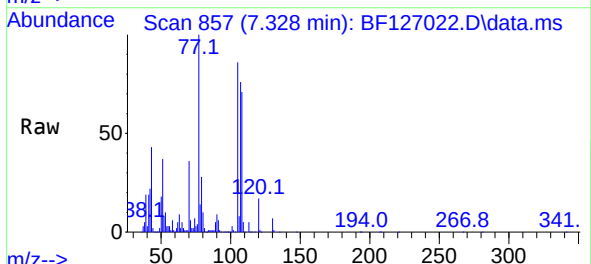
Tgt Ion: 70 Resp: 207335
Ion Ratio Lower Upper
70 100
42 58.4 45.8 68.8
101 8.8 6.9 10.3
130 18.1 14.4 21.6

Manual Integrations
APPROVED

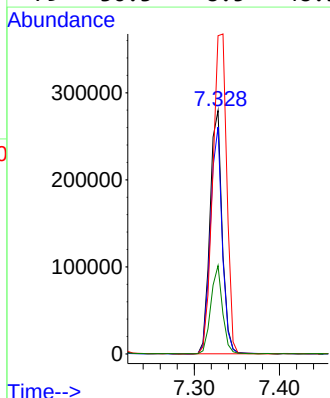
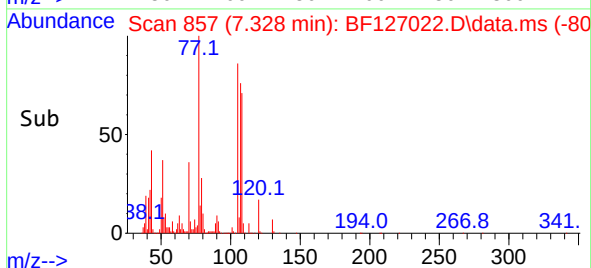
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

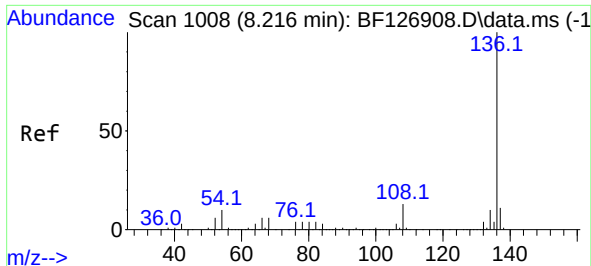


#20
3+4-Methylphenols
Concen: 44.887 ng
RT: 7.328 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion:107 Resp: 278549
Ion Ratio Lower Upper
107 100
108 93.2 72.4 112.4
77 130.8 83.8 123.8#
79 36.3 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 10
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

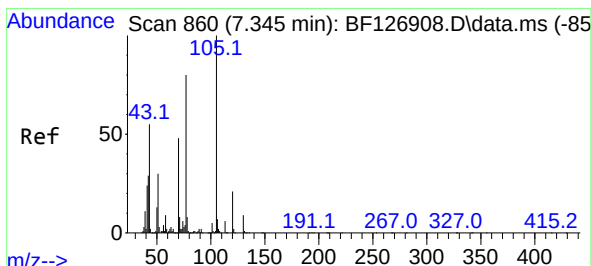
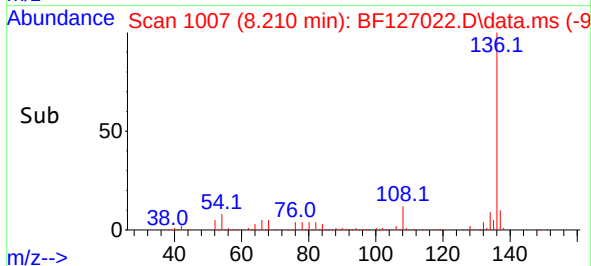
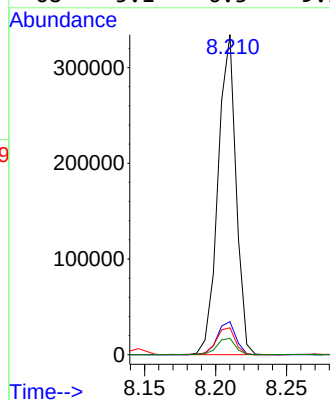
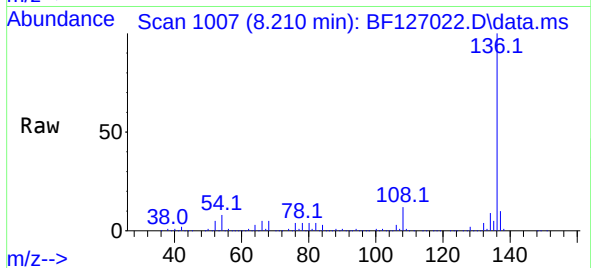
TR-05-021822MS

Tgt Ion:136 Resp: 294574
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 8.4 7.8 11.6
68 5.1 6.3 9.5#

Manual Integrations

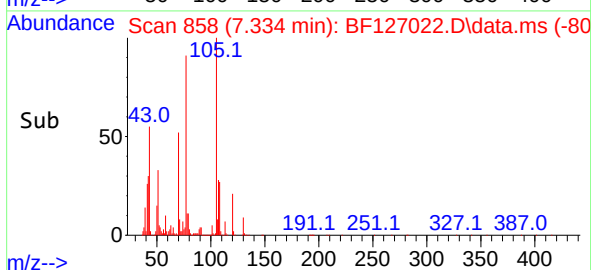
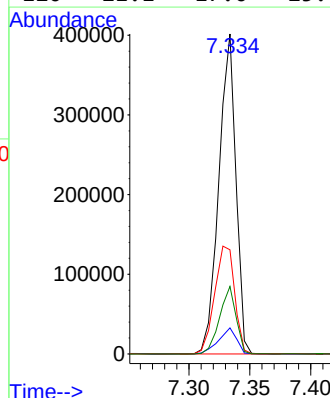
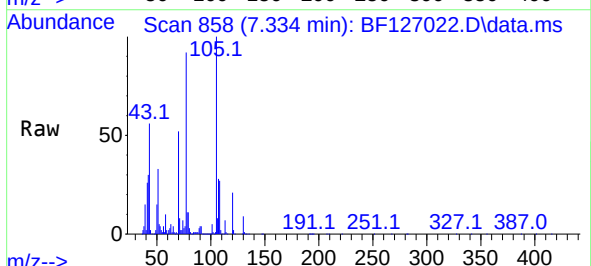
APPROVED

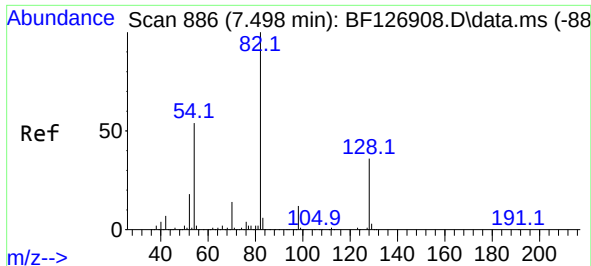
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#22
Acetophenone
Concen: 50.578 ng
RT: 7.334 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Tgt Ion:105 Resp: 392280
Ion Ratio Lower Upper
105 100
71 8.1 5.4 8.0#
51 32.6 27.4 41.0
120 21.1 17.0 25.6





#23
Nitrobenzene-d5
Concen: 75.574 ng
RT: 7.487 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

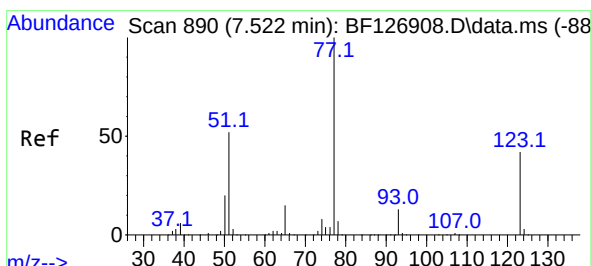
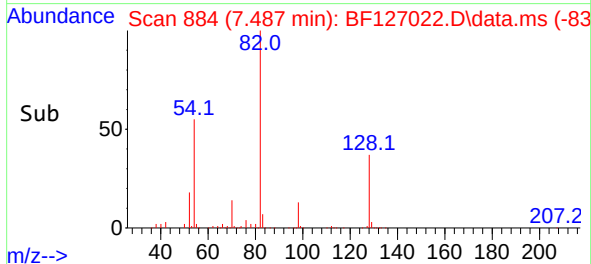
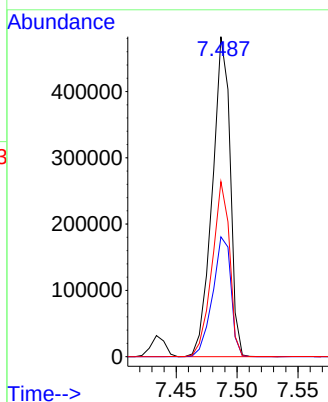
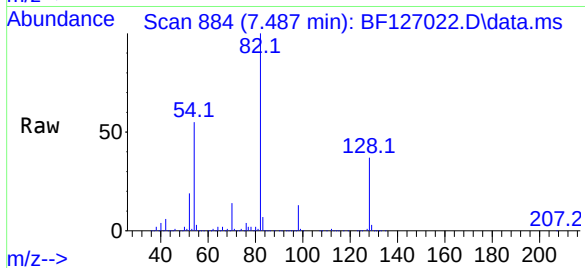
TR-05-021822MS

Tgt Ion: 82 Resp: 493209
Ion Ratio Lower Upper
82 100
128 37.4 32.7 49.1
54 54.7 41.7 62.5

Manual Integrations

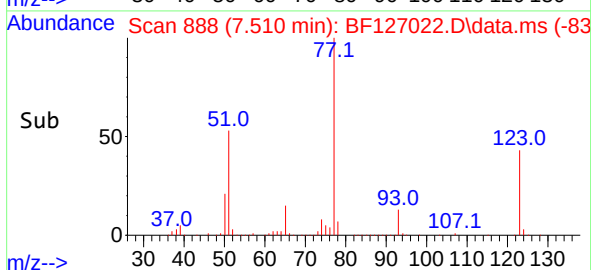
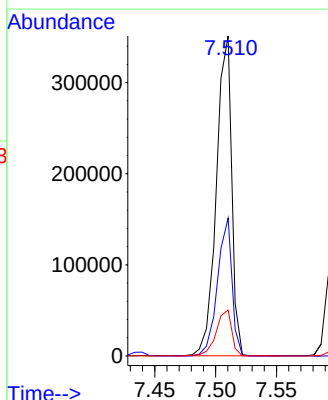
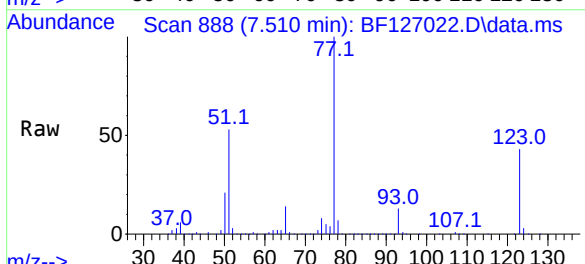
APPROVED

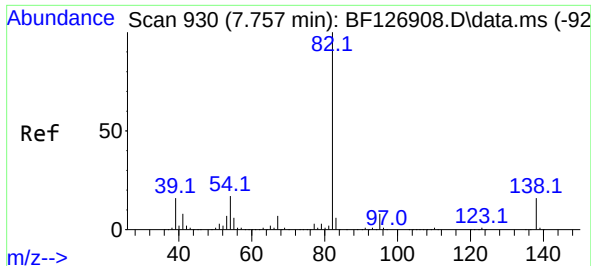
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#24
Nitrobenzene
Concen: 49.872 ng
RT: 7.510 min Scan# 888
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

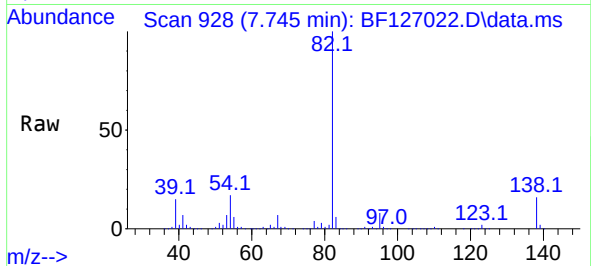
Tgt Ion: 77 Resp: 307466
Ion Ratio Lower Upper
77 100
123 43.0 34.6 52.0
65 14.4 10.6 15.8





#25
Isophorone
Concen: 49.685 ng
RT: 7.745 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

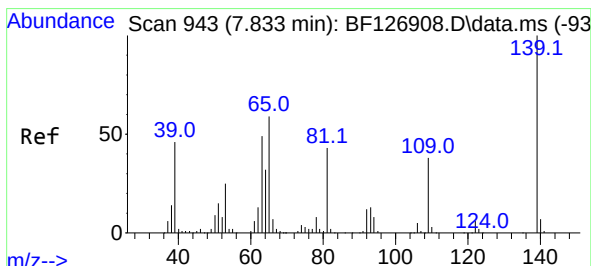
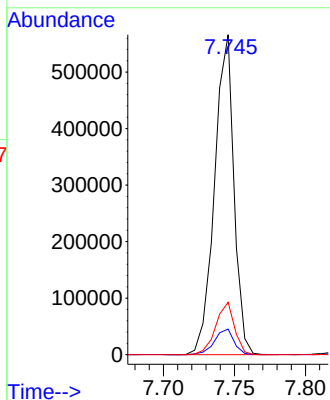
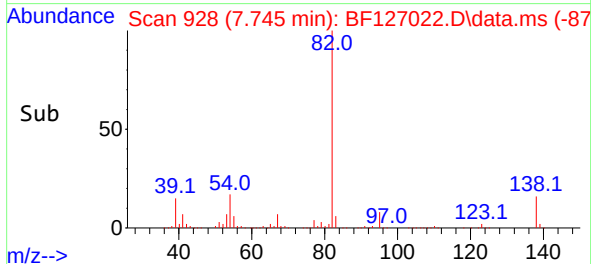
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MS



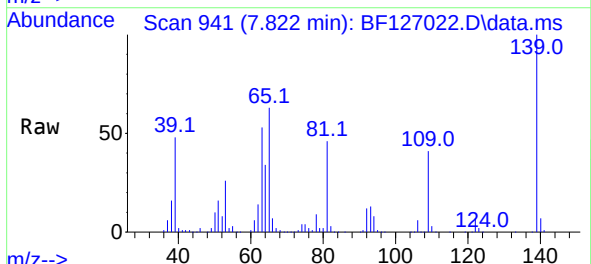
Tgt Ion: 82 Resp: 536558
Ion Ratio Lower Upper
82 100
95 8.0 5.0 7.4
138 16.4 12.3 18.5

Manual Integrations
APPROVED

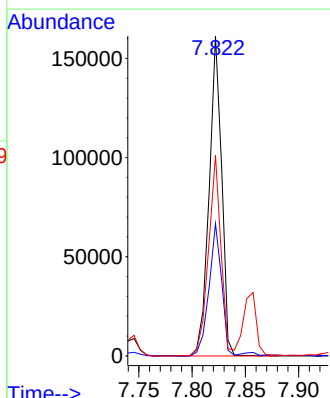
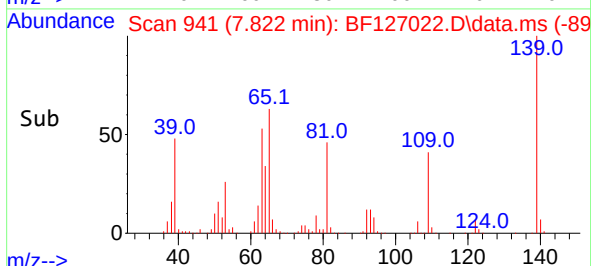
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

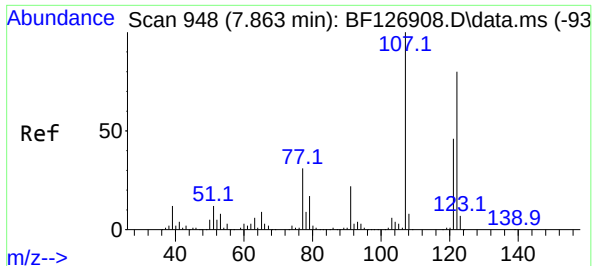


#26
2-Nitrophenol
Concen: 50.383 ng
RT: 7.822 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion:139 Resp: 132250
Ion Ratio Lower Upper
139 100
109 41.4 20.0 30.0#
65 62.7 40.8 61.2#





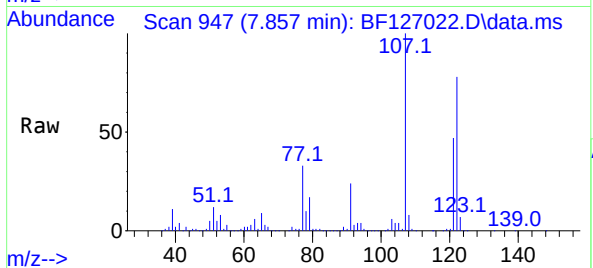
#27
2,4-Dimethylphenol
Concen: 54.246 ng m
RT: 7.857 min Scan# 947
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MS

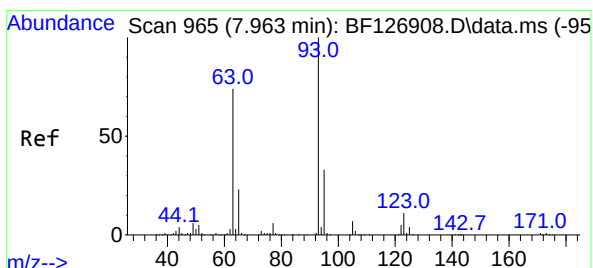
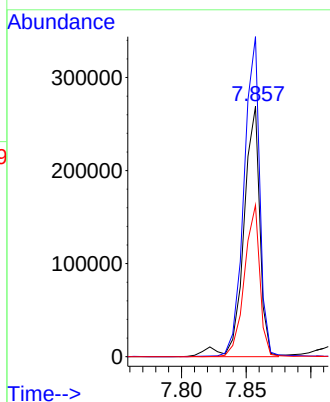
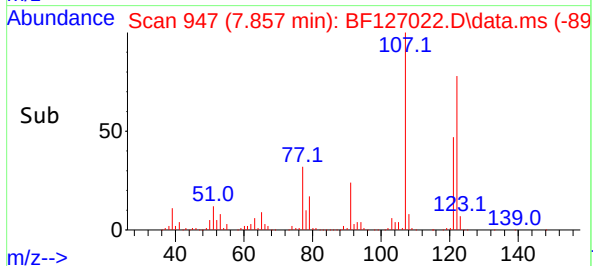


Tgt Ion:122 Resp: 233910
Ion Ratio Lower Upper
122 100
107 127.9 91.2 136.8
121 60.5 44.4 66.6

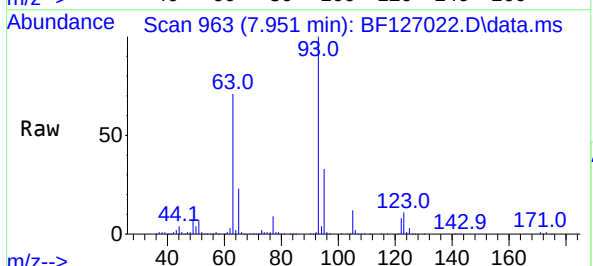
Manual Integrations

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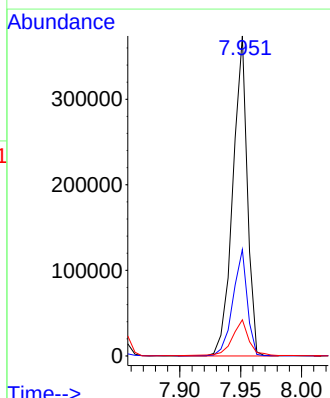
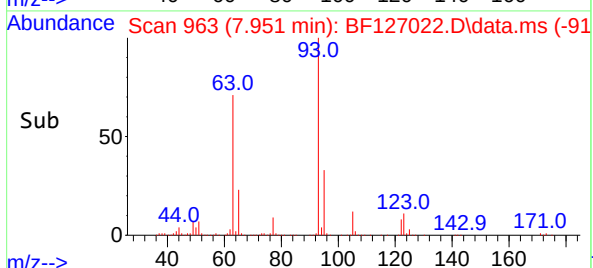
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

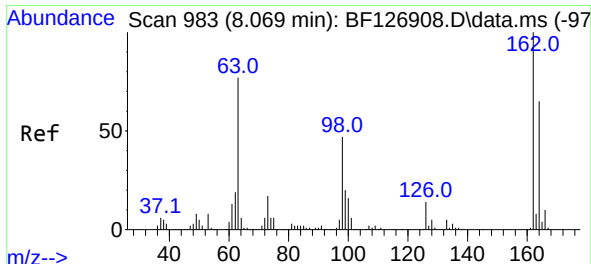


#28
bis(2-Chloroethoxy)methane
Concen: 47.201 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion: 93 Resp: 309023
Ion Ratio Lower Upper
93 100
95 33.2 25.4 38.2
123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 46.969 ng

RT: 8.063 min Scan# 991

Delta R.T. 0.006 min

Lab File: BF127022.D

Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MS

Tgt Ion:162 Resp: 190420

Ion Ratio Lower Upper

162 100

164 63.0 43.8 83.8

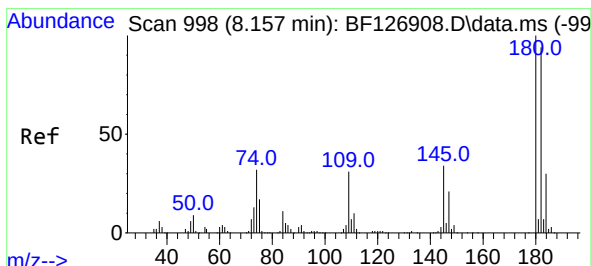
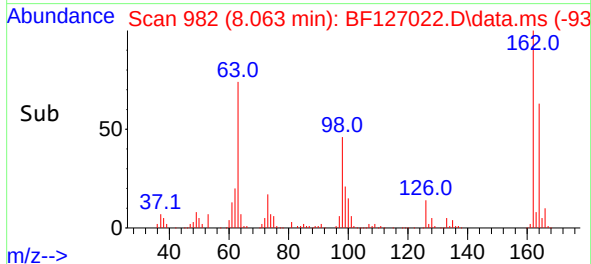
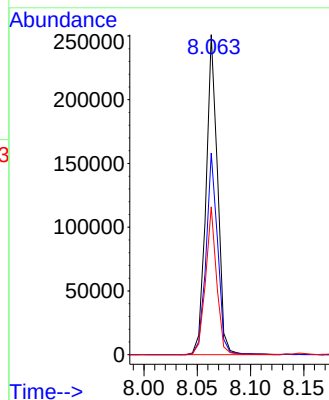
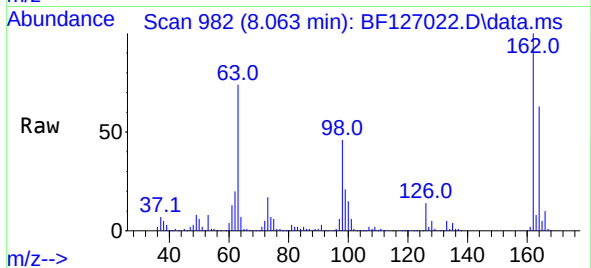
98 46.2 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2022

Supervised By :Jagrut Upadhyay 02/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.708 ng

RT: 8.145 min Scan# 996

Delta R.T. 0.000 min

Lab File: BF127022.D

Acq: 22 Feb 2022 21:44

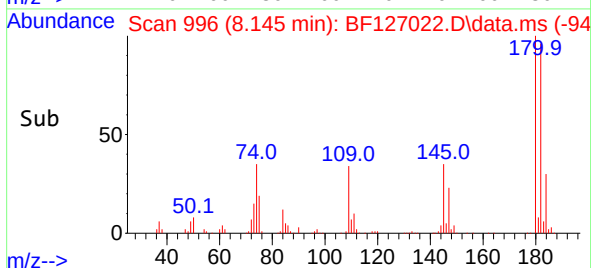
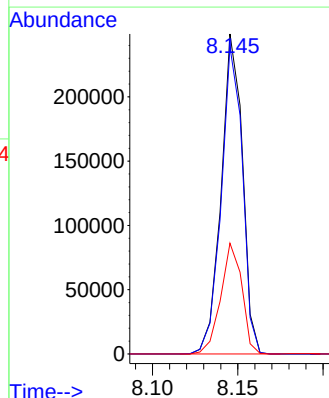
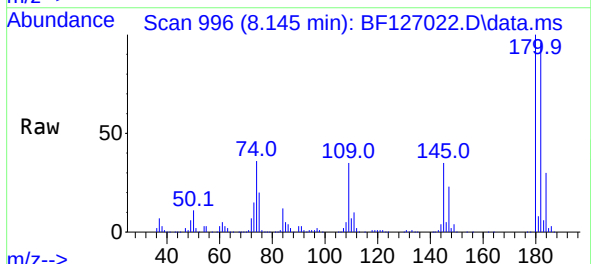
Tgt Ion:180 Resp: 216239

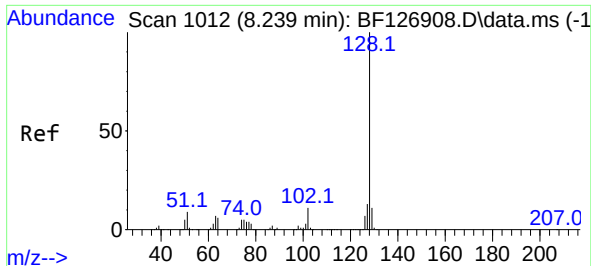
Ion Ratio Lower Upper

180 100

182 96.0 75.5 113.3

145 34.6 26.2 39.2





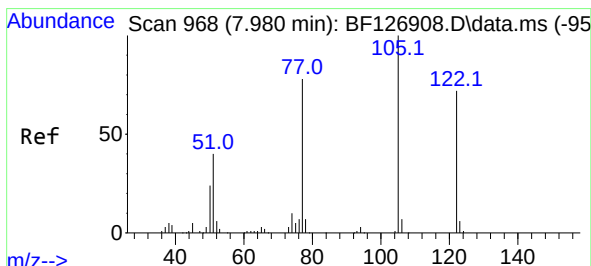
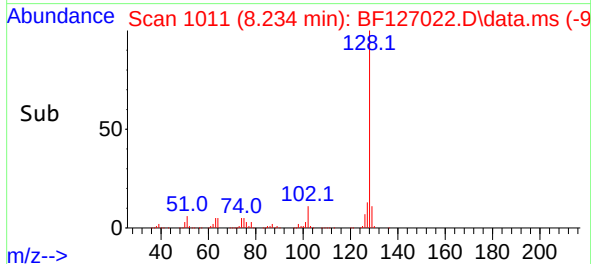
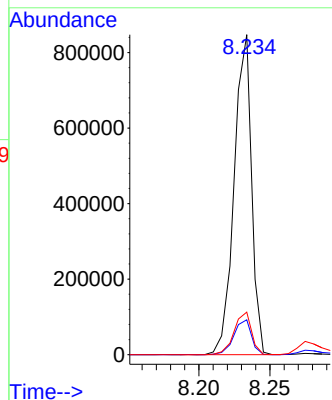
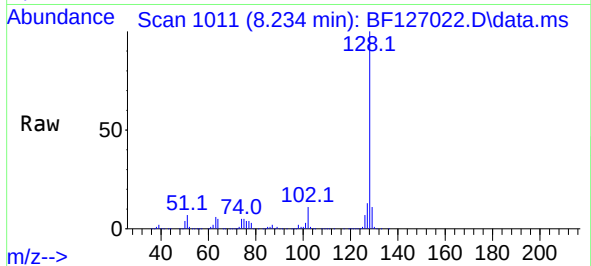
#31
Naphthalene
Concen: 46.977 ng
RT: 8.234 min Scan# 1012
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :
BNA_F
ClientSampleId :
TR-05-02182MS

Tgt Ion:128 Resp: 722385
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 10.3 15.5

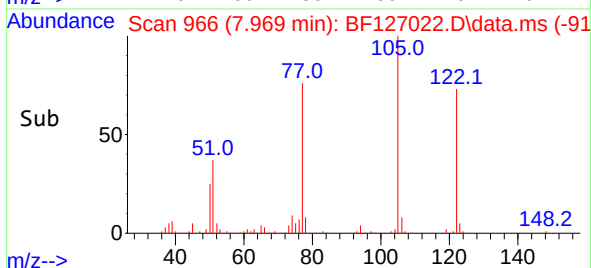
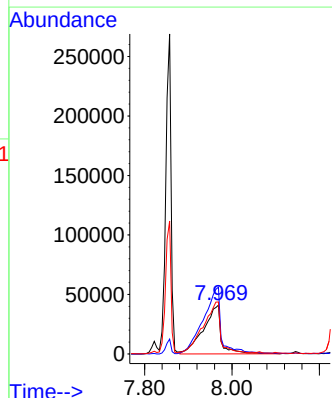
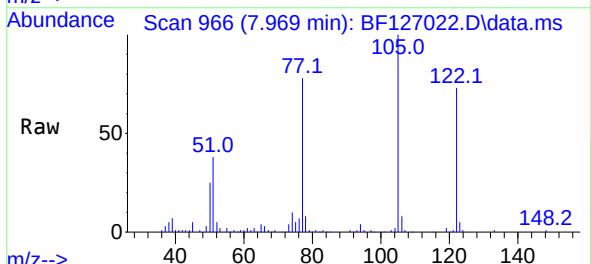
Manual Integrations
APPROVED

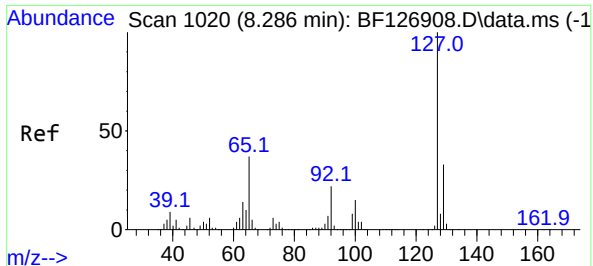
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#32
Benzoic acid
Concen: 38.170 ng
RT: 7.969 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Tgt Ion:122 Resp: 116732
Ion Ratio Lower Upper
122 100
105 136.8 101.0 141.0
77 106.6 74.5 114.5





#33
4-Chloroaniline
Concen: 7.913 ng
RT: 8.275 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

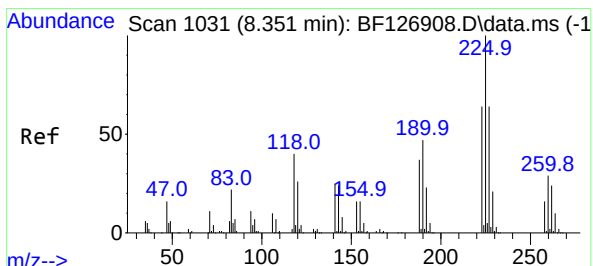
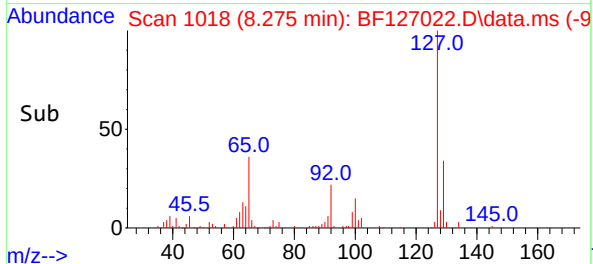
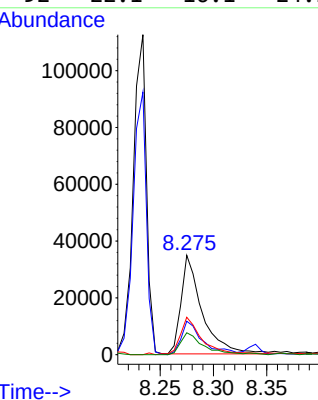
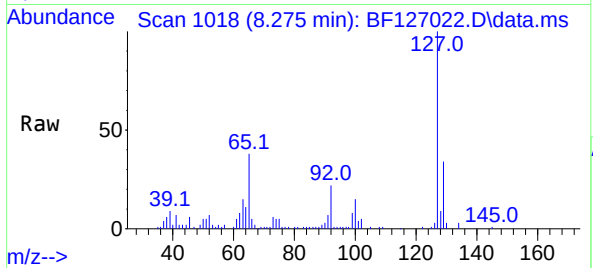
TR-05-021822MS

Tgt Ion:127 Resp: 4789
Ion Ratio Lower Upper
127 100
129 33.7 26.5 39.7
65 37.6 26.6 39.8
92 22.1 16.1 24.1

Manual Integrations

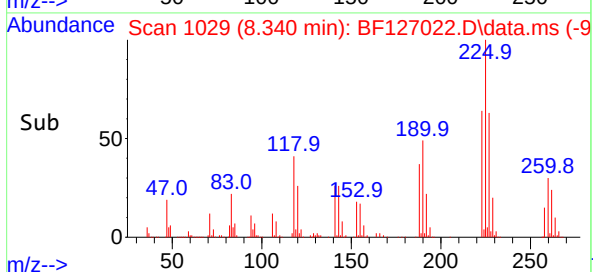
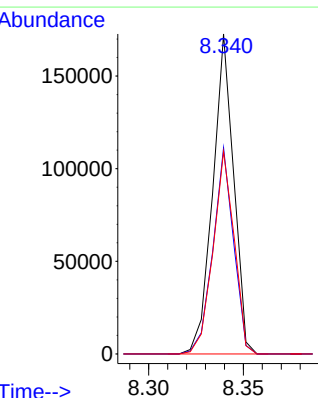
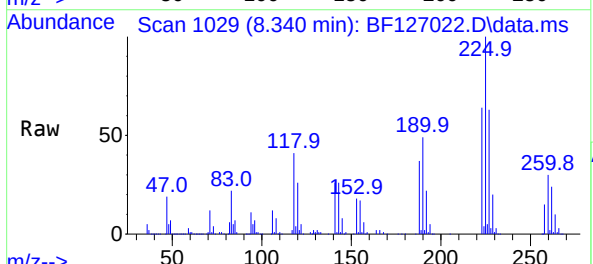
APPROVED

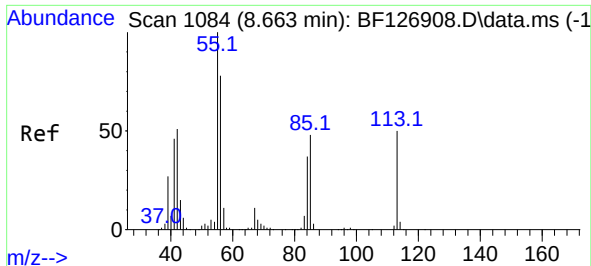
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#34
Hexachlorobutadiene
Concen: 50.045 ng
RT: 8.340 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Tgt Ion:225 Resp: 132425
Ion Ratio Lower Upper
225 100
223 64.4 48.6 73.0
227 63.3 51.4 77.0





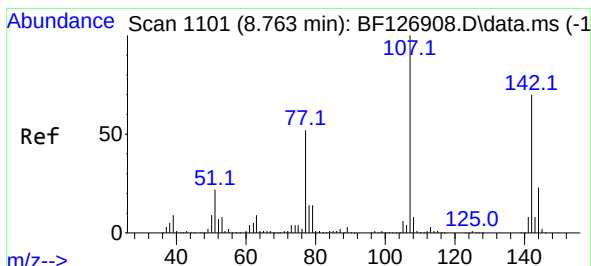
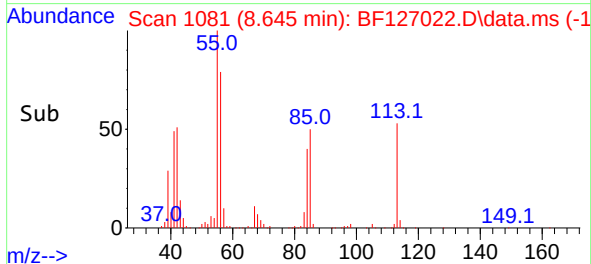
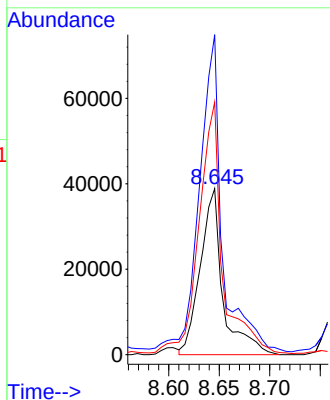
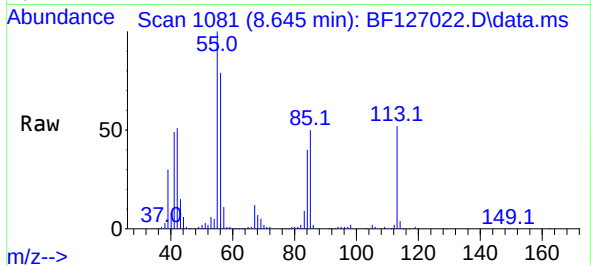
#35
Caprolactam
Concen: 42.837 ng m
RT: 8.645 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS

Tgt Ion:113 Resp: 60640
Ion Ratio Lower Upper
113 100
55 192.6 183.9 223.9
56 152.1 129.9 169.9

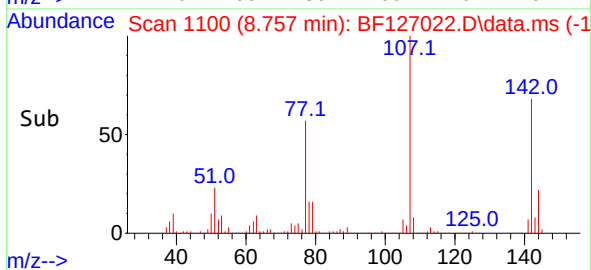
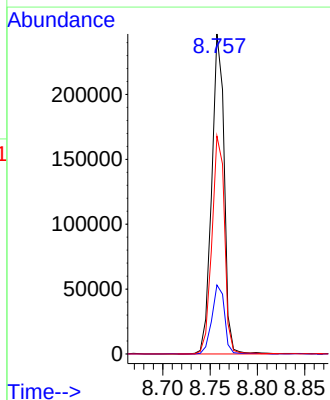
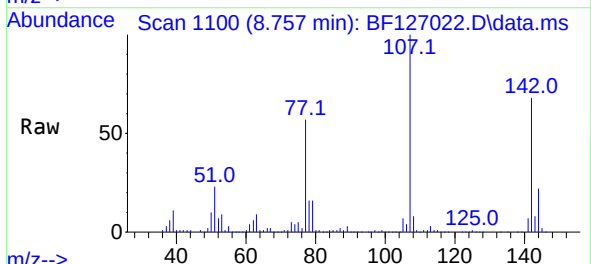
Manual Integrations
APPROVED

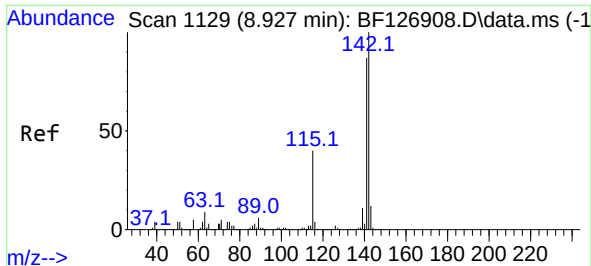
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#36
4-Chloro-3-methylphenol
Concen: 43.666 ng
RT: 8.757 min Scan# 1100
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Tgt Ion:107 Resp: 226246
Ion Ratio Lower Upper
107 100
144 21.6 18.5 27.7
142 68.1 58.1 87.1





#37

2-Methylnaphthalene

Concen: 45.548 ng

RT: 8.922 min Scan# 1128

Delta R.T. 0.006 min

Lab File: BF127022.D

Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

TR-05-02182MS

Tgt Ion:142 Resp: 454470

Ion Ratio Lower Upper

142 100

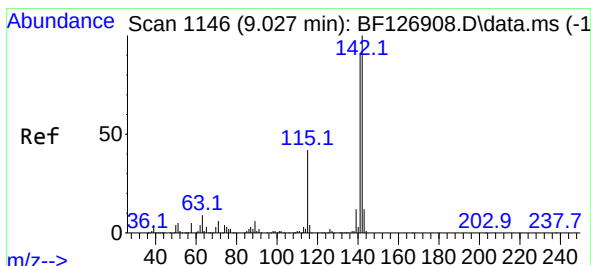
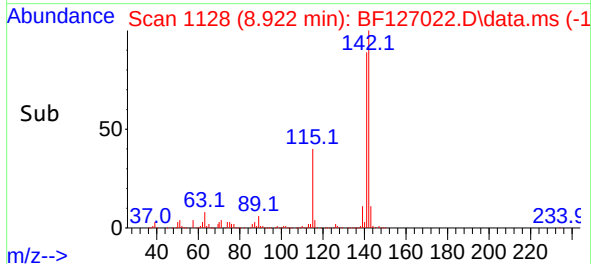
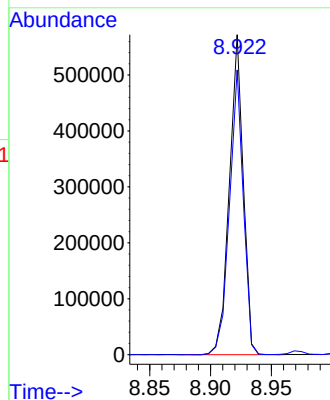
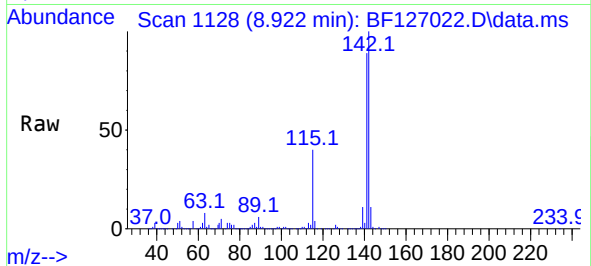
141 89.0 68.6 102.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2022

Supervised By :Jagrut Upadhyay 02/23/2022



#38

1-Methylnaphthalene

Concen: 43.655 ng

RT: 9.022 min Scan# 1145

Delta R.T. 0.006 min

Lab File: BF127022.D

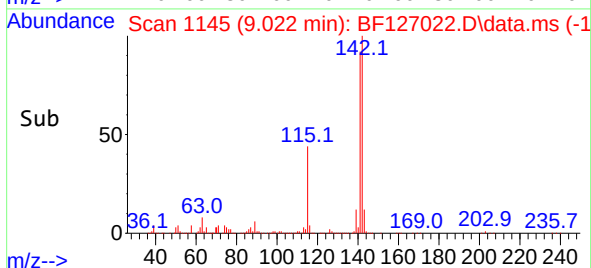
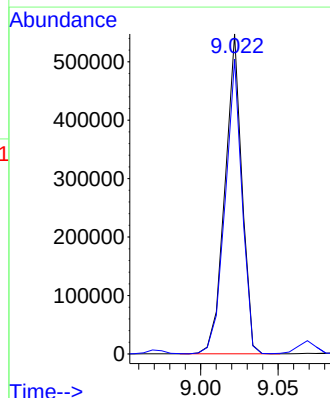
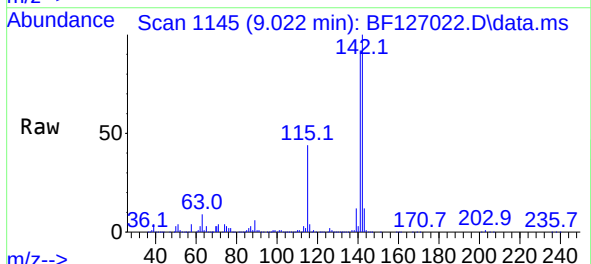
Acq: 22 Feb 2022 21:44

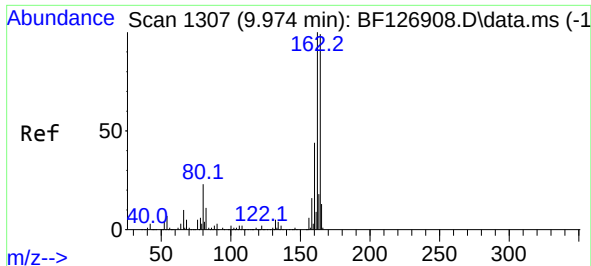
Tgt Ion:142 Resp: 417118

Ion Ratio Lower Upper

142 100

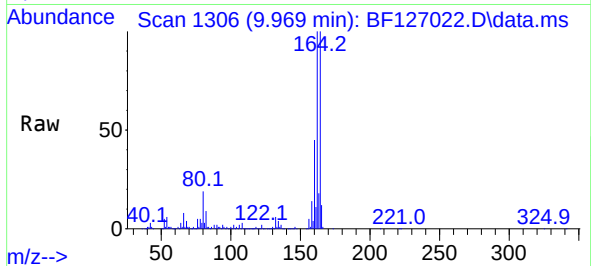
141 92.1 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

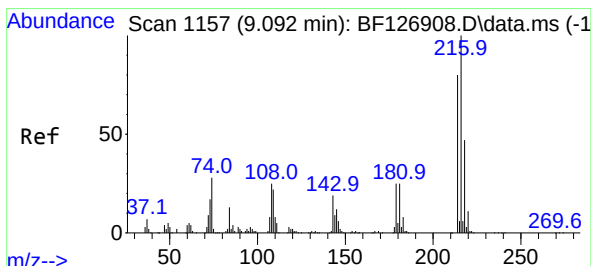
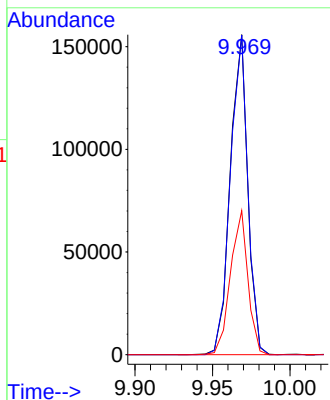
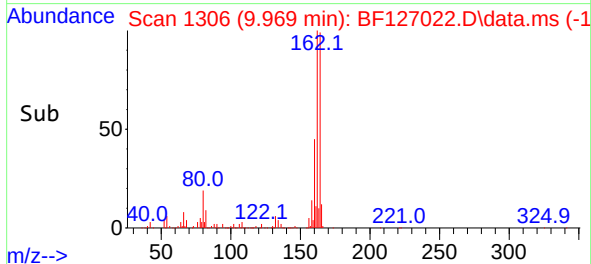
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS



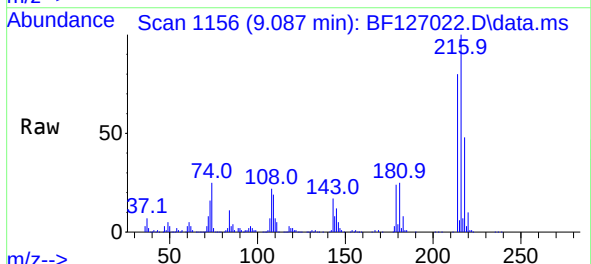
Tgt Ion:164 Resp: 122075
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 45.0 36.6 54.8

Manual Integrations
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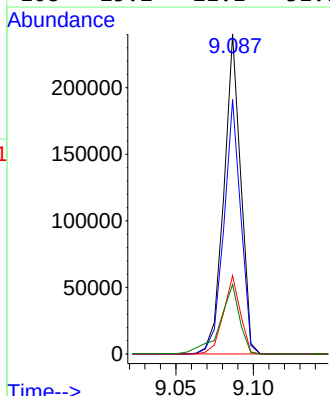
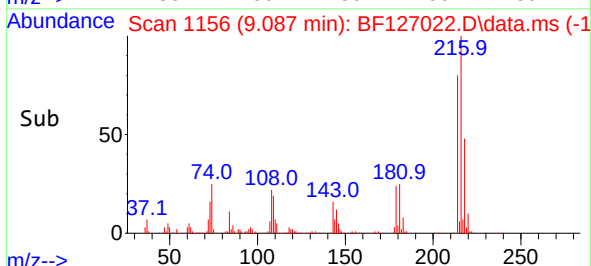
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

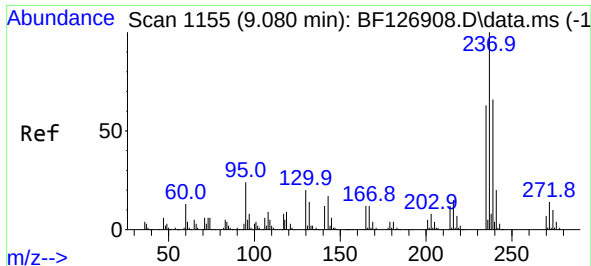


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.427 ng
RT: 9.087 min Scan# 1156
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



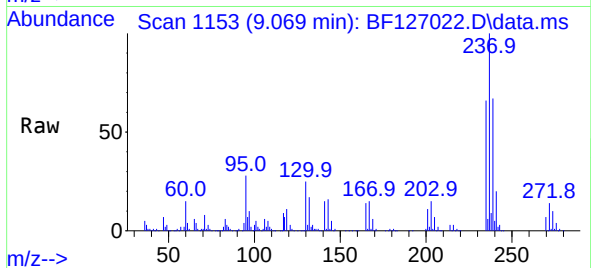
Tgt Ion:216 Resp: 181326
Ion Ratio Lower Upper
216 100
214 79.5 64.6 96.8
179 24.5 19.5 29.3
108 25.2 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 68.107 ng
RT: 9.069 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

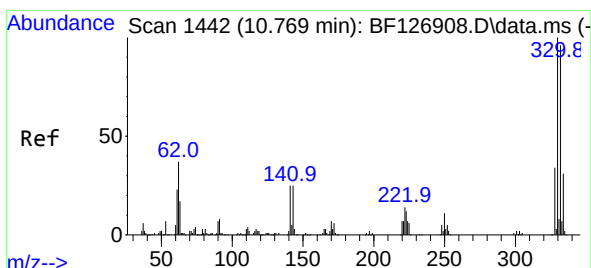
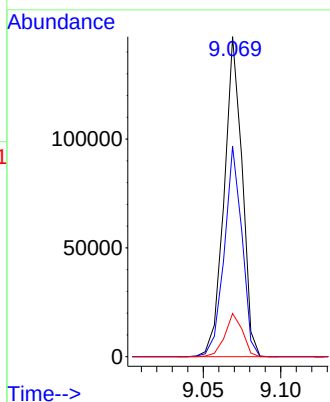
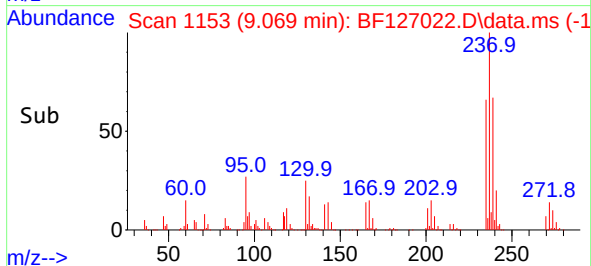
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MS



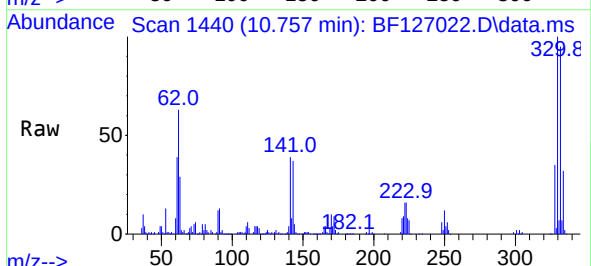
Tgt Ion:237 Resp: 118700
Ion Ratio Lower Upper
237 100
235 65.8 38.9 78.9
272 13.5 0.0 33.5

Manual Integrations
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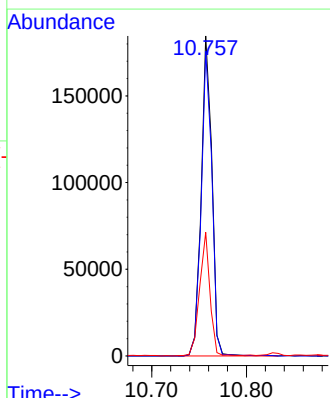
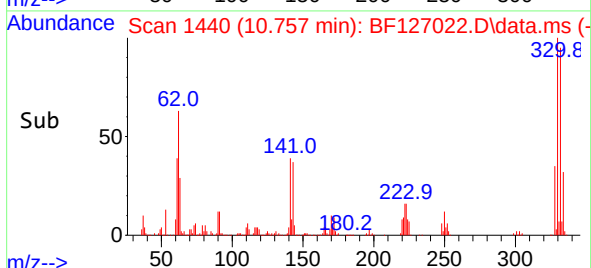
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

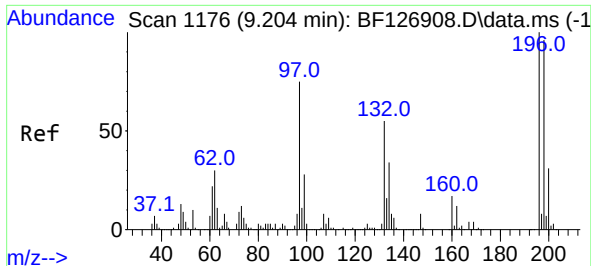


#42
2,4,6-Tribromophenol
Concen: 103.094 ng
RT: 10.757 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion:330 Resp: 144902
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 37.8 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 50.745 ng
RT: 9.198 min Scan# 1175
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

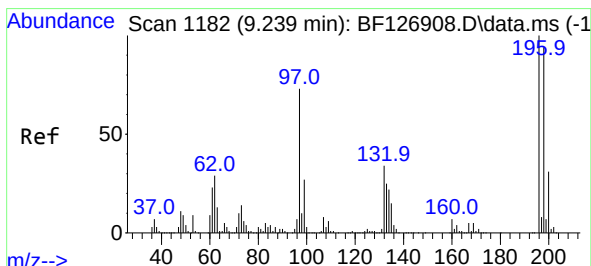
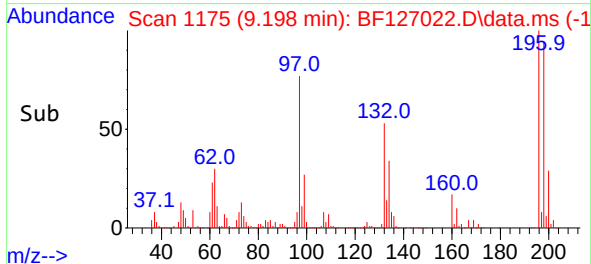
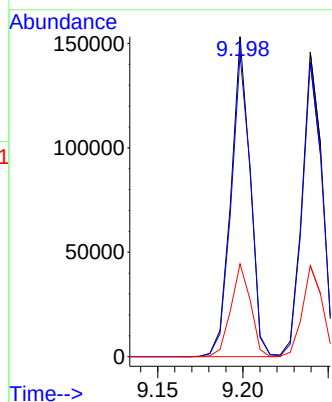
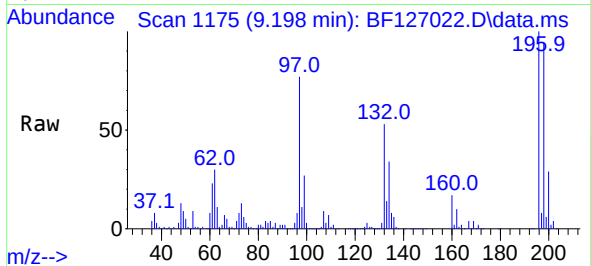
TR-05-021822MS

Tgt Ion:196 Resp: 119600
Ion Ratio Lower Upper
196 100
198 94.4 78.5 117.7
200 29.0 24.9 37.3

Manual Integrations

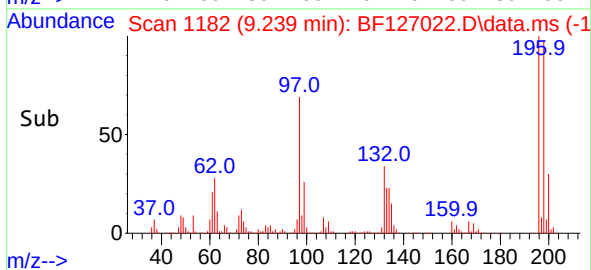
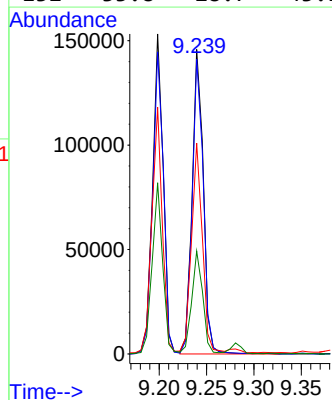
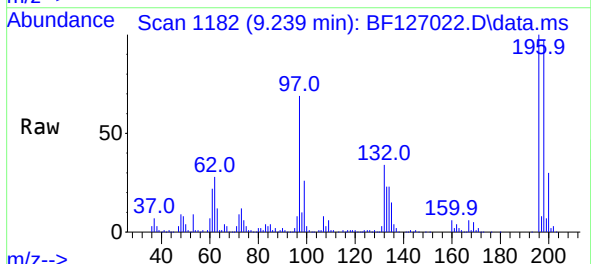
APPROVED

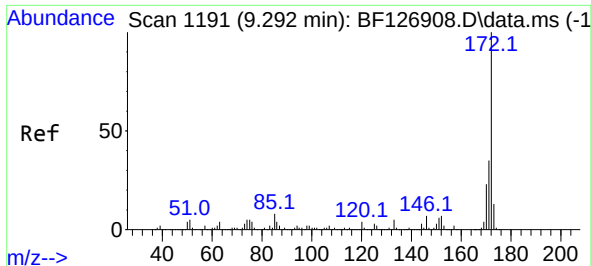
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#44
2,4,5-Trichlorophenol
Concen: 48.433 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

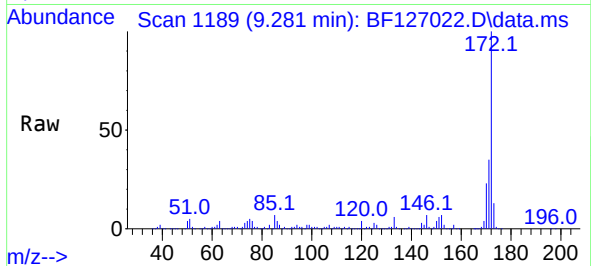
Tgt Ion:196 Resp: 120121
Ion Ratio Lower Upper
196 100
198 96.8 82.0 123.0
97 69.2 53.5 80.3
132 33.8 28.7 43.1





#45
2-Fluorobiphenyl
Concen: 81.699 ng
RT: 9.281 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

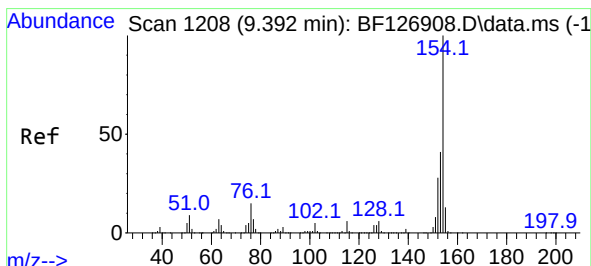
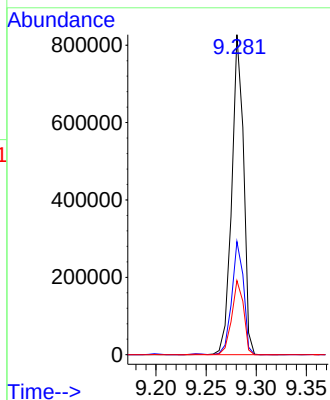
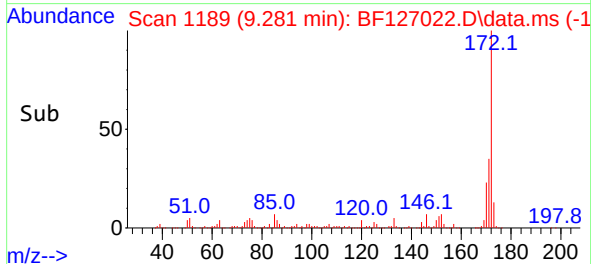
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS



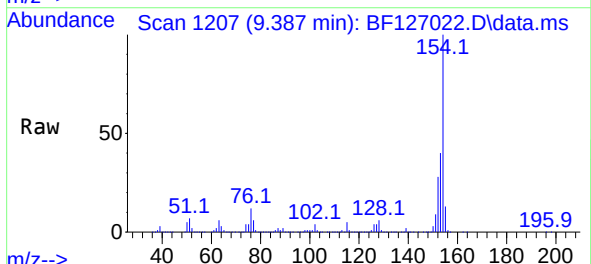
Tgt Ion:172 Resp: 67747
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 19.0 28.6

Manual Integrations
APPROVED

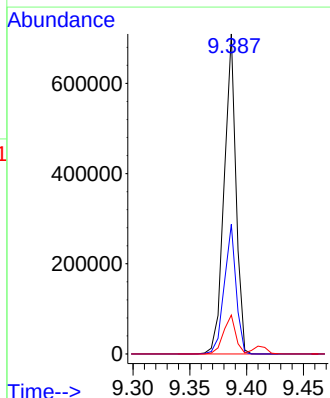
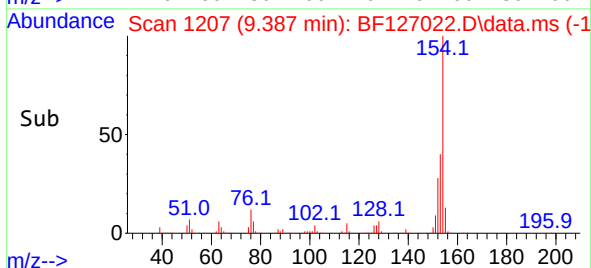
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

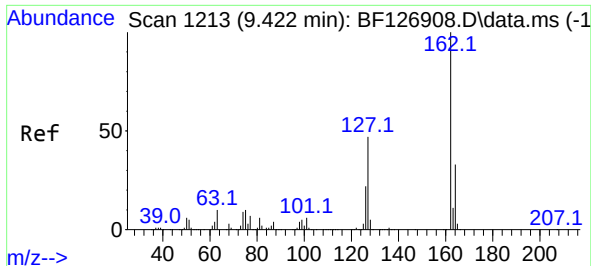


#46
1,1'-Biphenyl
Concen: 53.275 ng
RT: 9.387 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion:154 Resp: 515263
Ion Ratio Lower Upper
154 100
153 40.5 19.0 59.0
76 12.2 0.0 34.5





#47

2-Chloronaphthalene

Concen: 51.405 ng

RT: 9.416 min Scan# 1212

Delta R.T. 0.006 min

Lab File: BF127022.D

Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MS

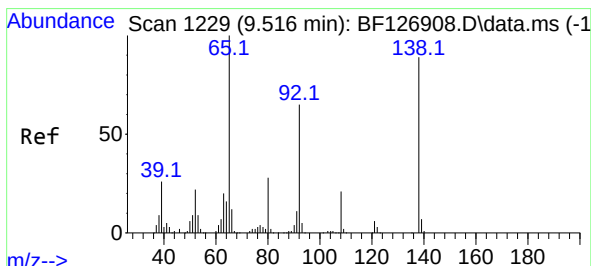
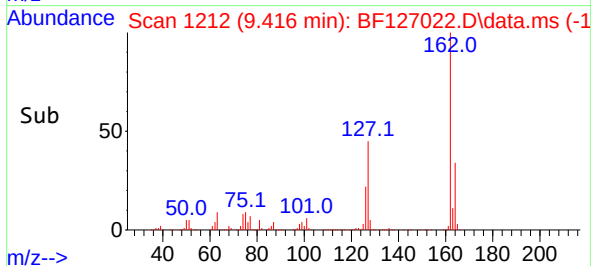
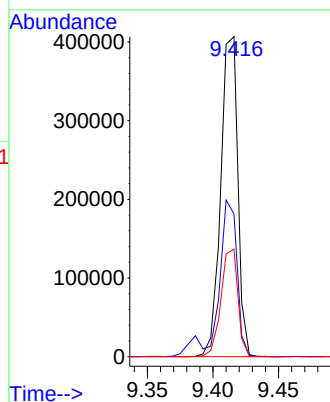
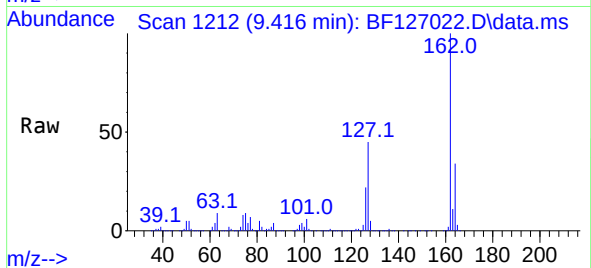
Tgt Ion:162 Resp: 36868

Ion	Ratio	Lower	Upper
162	100		
127	44.6	33.5	50.3
164	33.6	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#48

2-Nitroaniline

Concen: 50.961 ng

RT: 9.510 min Scan# 1228

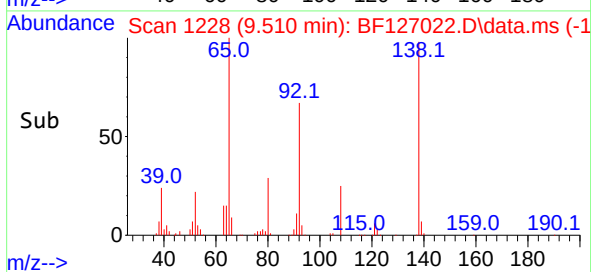
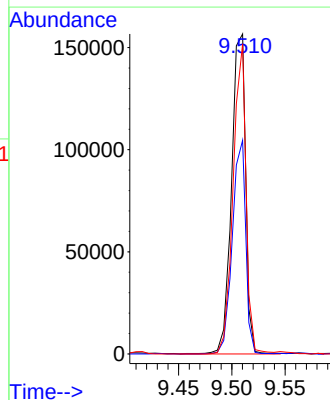
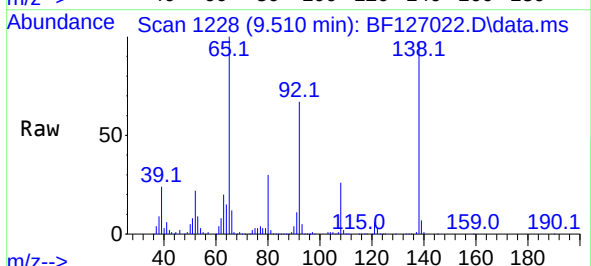
Delta R.T. 0.006 min

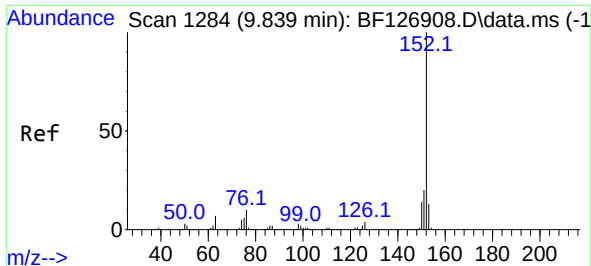
Lab File: BF127022.D

Acq: 22 Feb 2022 21:44

Tgt Ion: 65 Resp: 144233

Ion	Ratio	Lower	Upper
65	100		
92	66.7	54.4	81.6
138	96.9	72.5	108.7





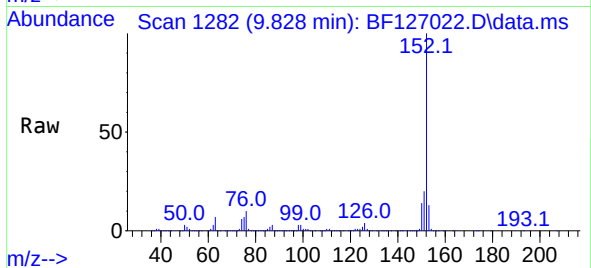
#49
Acenaphthylene
Concen: 49.878 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MS

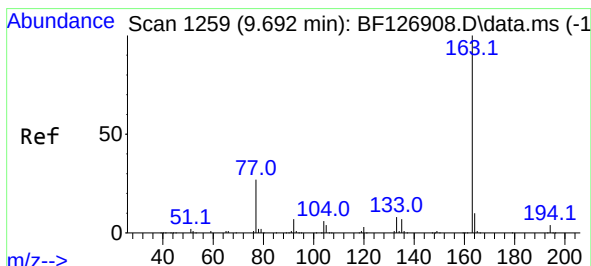
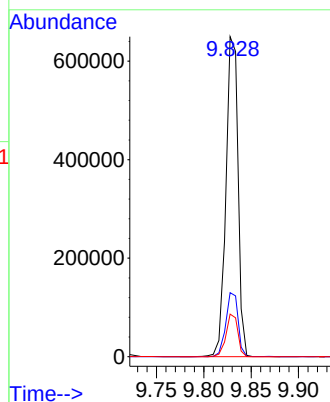


Tgt Ion:152 Resp: 581090
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.3 11.4 17.0

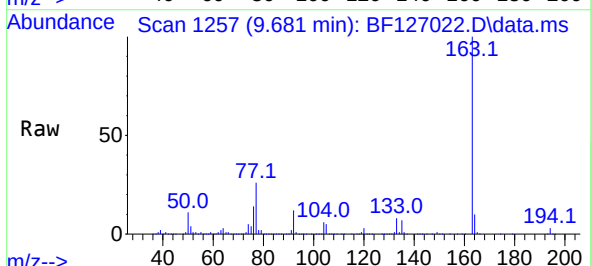
Manual Integrations

APPROVED

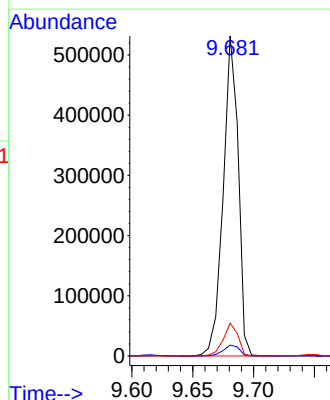
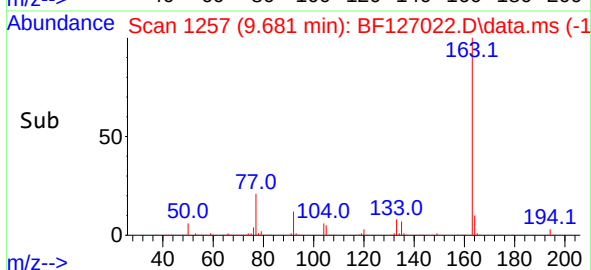
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

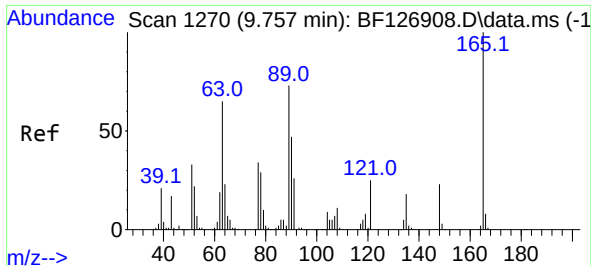


#50
Dimethylphthalate
Concen: 52.467 ng
RT: 9.681 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



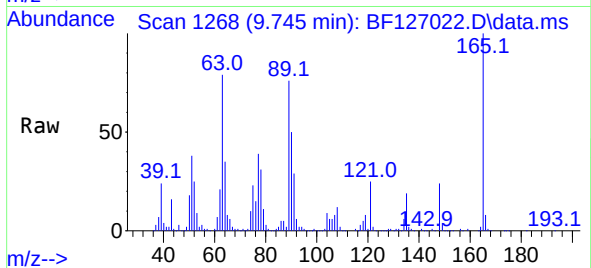
Tgt Ion:163 Resp: 457818
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 10.3 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 52.433 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

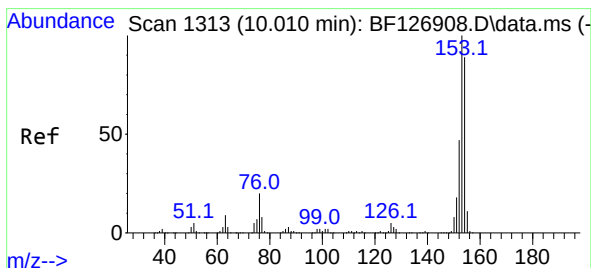
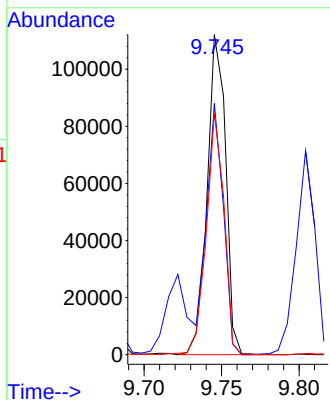
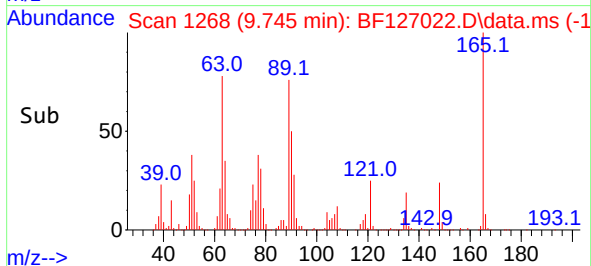
Instrument :
BNA_F
ClientSampleId :
TR-05-02182MS



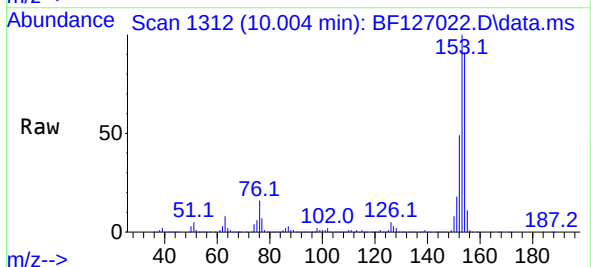
Tgt Ion:165 Resp: 93084
Ion Ratio Lower Upper
165 100
63 78.5 48.4 72.6
89 75.6 50.5 75.7

Manual Integrations
APPROVED

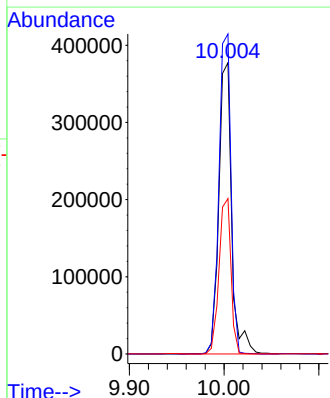
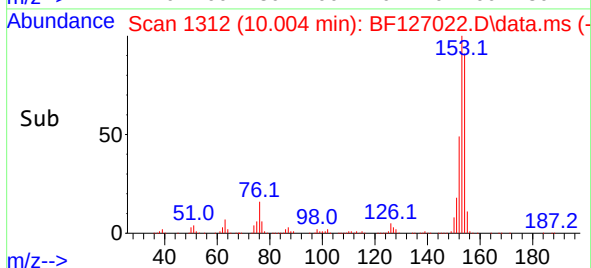
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

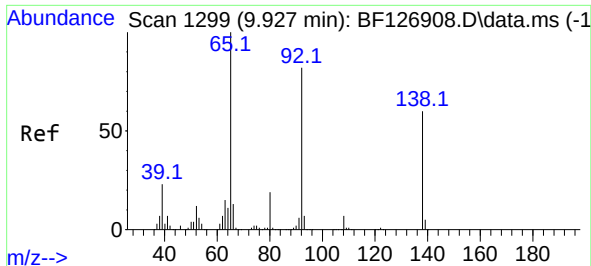


#52
Acenaphthene
Concen: 47.089 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion:154 Resp: 356780
Ion Ratio Lower Upper
154 100
153 109.9 87.8 131.6
152 53.3 39.4 59.2





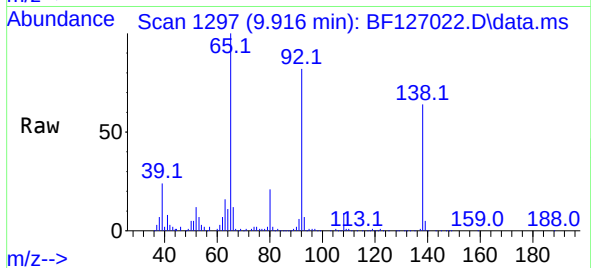
#53
3-Nitroaniline
Concen: 28.803 ng
RT: 9.916 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

TR-05-02182MS

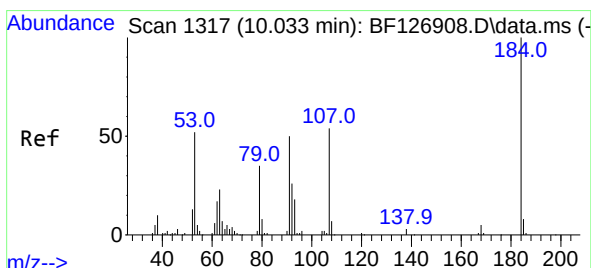
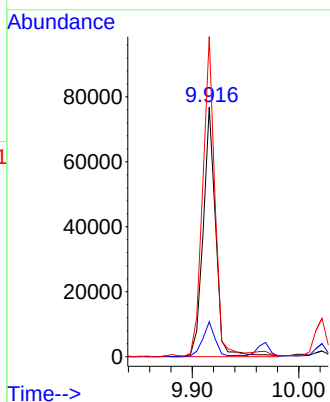
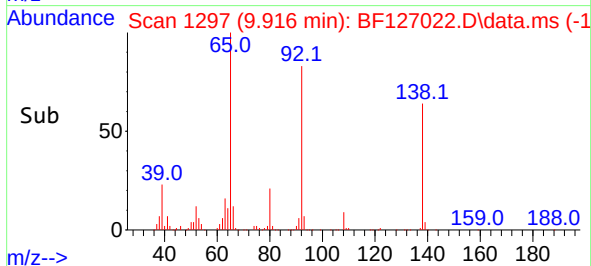


Tgt Ion:138 Resp: 62500
Ion Ratio Lower Upper
138 100
108 14.0 8.6 13.0
92 128.2 105.0 157.6

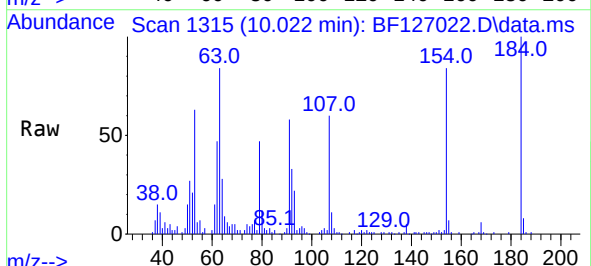
Manual Integrations

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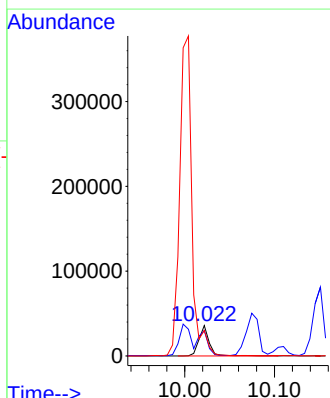
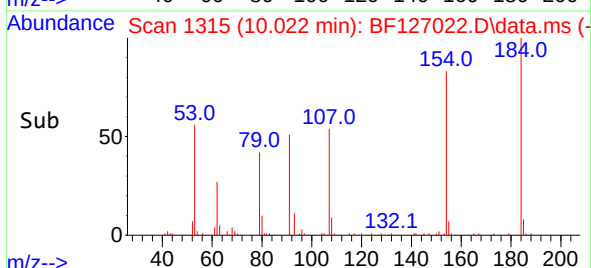
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

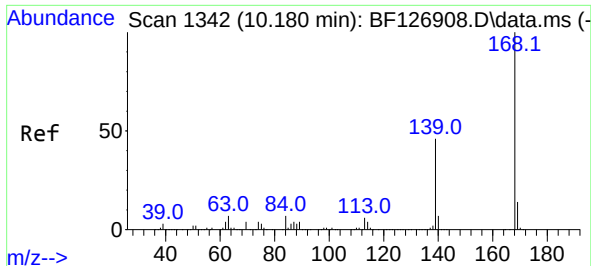


#54
2,4-Dinitrophenol
Concen: 30.103 ng
RT: 10.022 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



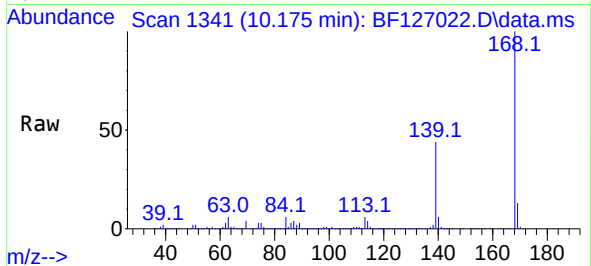
Tgt Ion:184 Resp: 28286
Ion Ratio Lower Upper
184 100
63 83.6 70.4 105.6
154 83.7 49.7 74.5





#55
Dibenzenofuran
Concen: 46.200 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

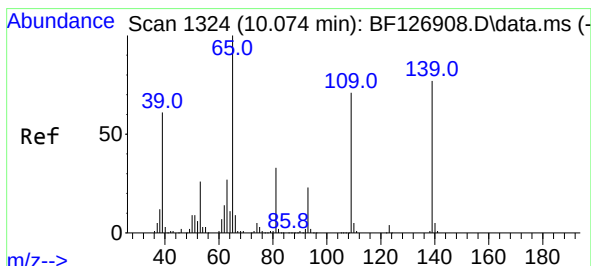
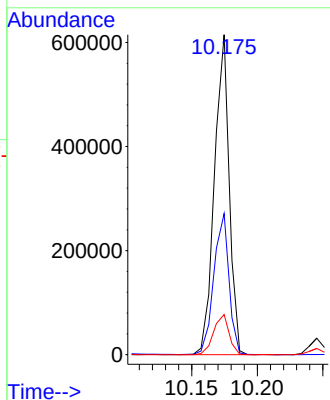
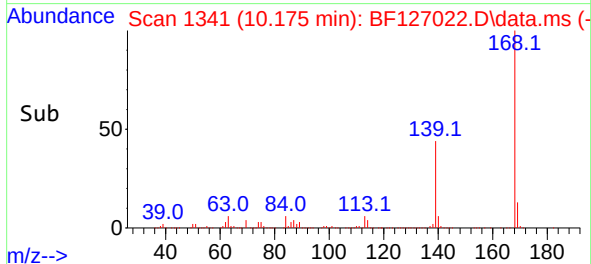
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS



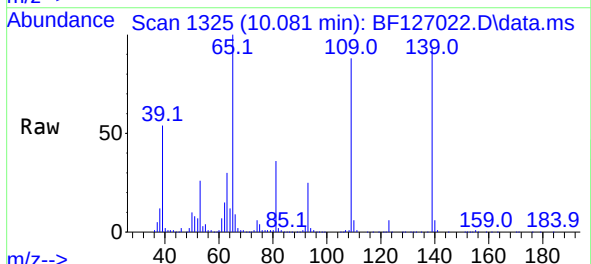
Tgt Ion:168 Resp: 481339
Ion Ratio Lower Upper
168 100
139 44.1 30.6 46.0
169 12.6 10.0 15.0

Manual Integrations
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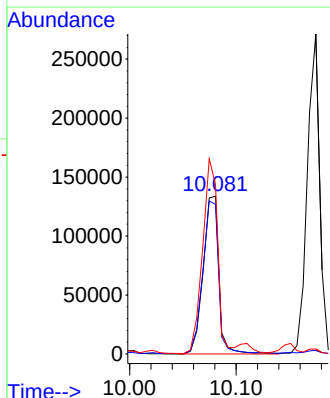
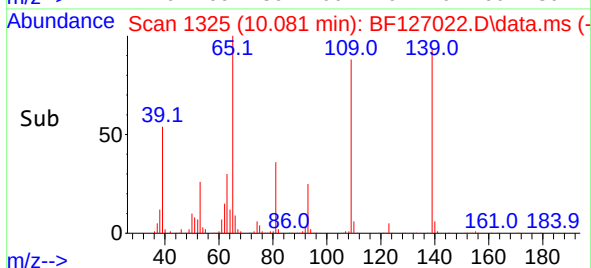
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

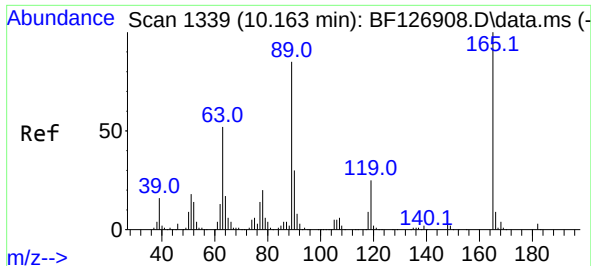


#56
4-Nitrophenol
Concen: 85.777 ng
RT: 10.081 min Scan# 1325
Delta R.T. 0.012 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



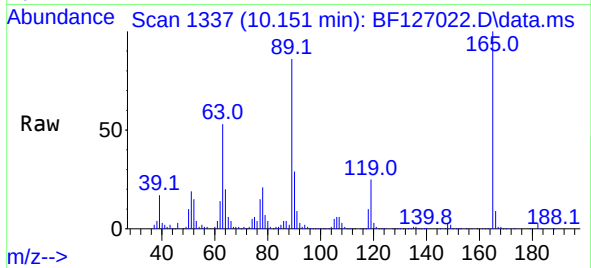
Tgt Ion:139 Resp: 137482
Ion Ratio Lower Upper
139 100
109 94.8 44.1 84.1#
65 107.5 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 49.241 ng
RT: 10.151 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

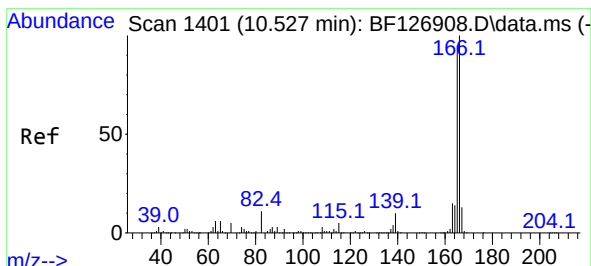
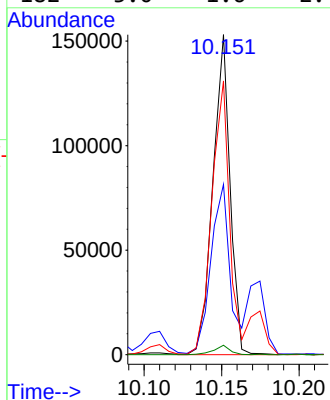
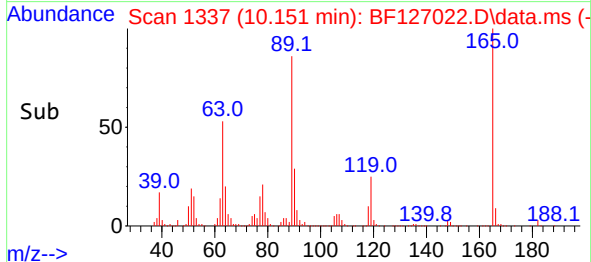
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS



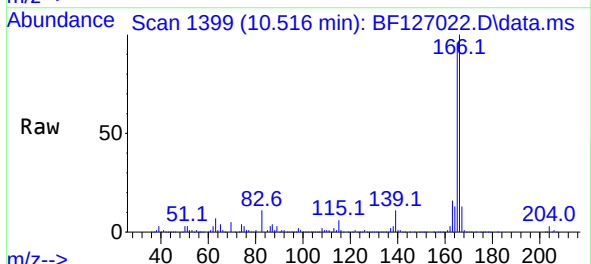
Tgt Ion:165 Resp: 11819
Ion Ratio Lower Upper
165 100
63 53.2 43.0 64.6
89 85.6 71.0 106.4
182 3.0 1.6 2.4#

Manual Integrations
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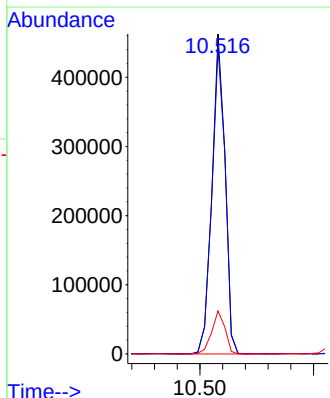
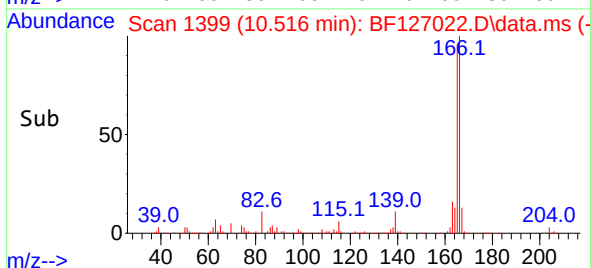
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

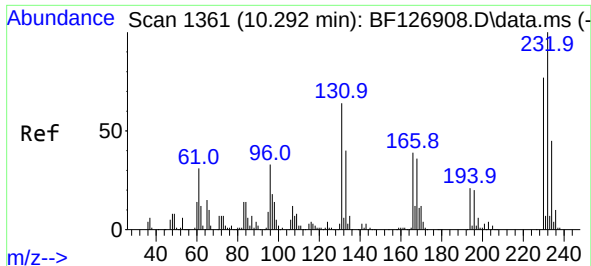


#58
Fluorene
Concen: 45.401 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion:166 Resp: 368453
Ion Ratio Lower Upper
166 100
165 95.5 77.7 116.5
167 13.4 10.7 16.1





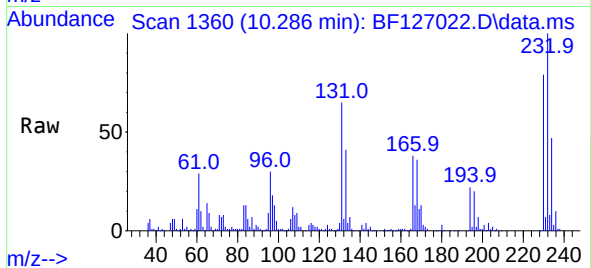
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.935 ng
RT: 10.286 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MS

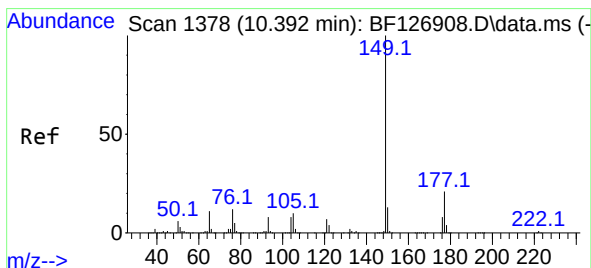
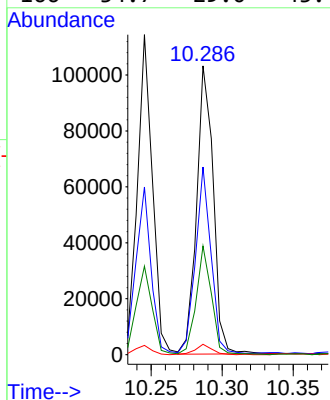
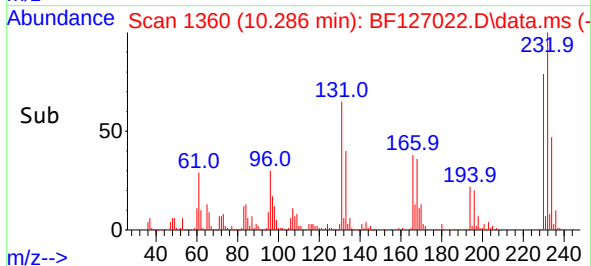


Tgt Ion:232 Resp: 84420
Ion Ratio Lower Upper
232 100
131 59.7 50.0 75.0
130 3.7 2.2 3.2
166 34.7 29.0 43.4

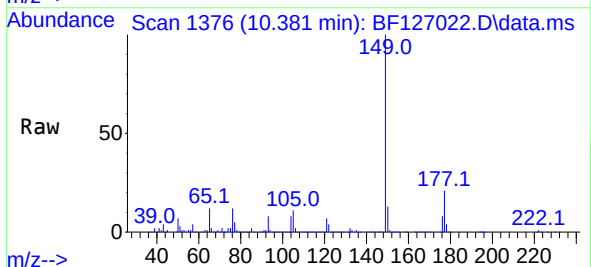
Manual Integrations

APPROVED

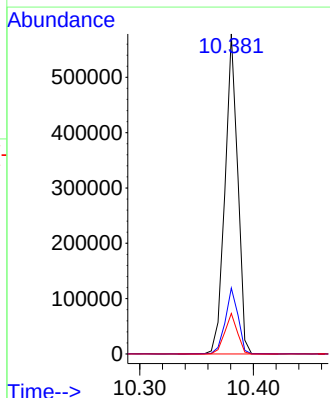
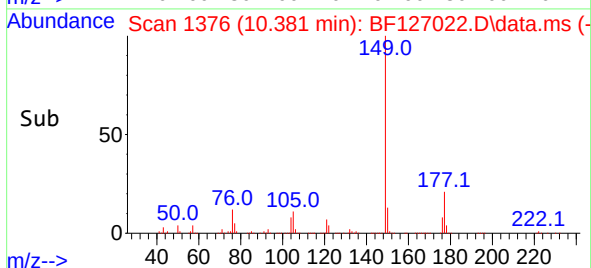
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

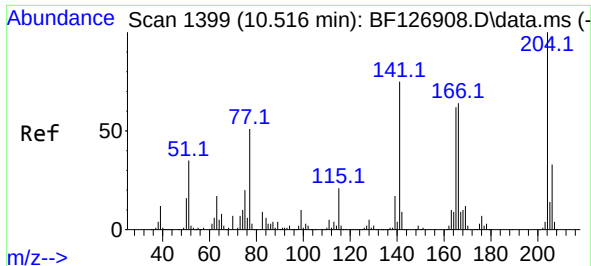


#60
Diethylphthalate
Concen: 49.460 ng
RT: 10.381 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion:149 Resp: 450959
Ion Ratio Lower Upper
149 100
177 20.6 16.7 25.1
150 12.7 9.8 14.8





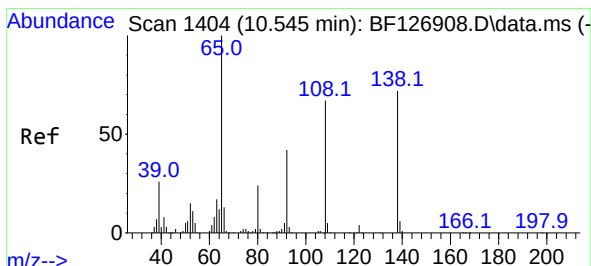
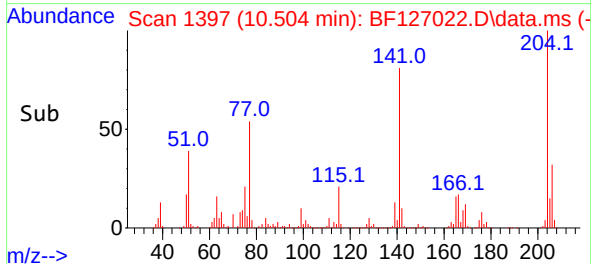
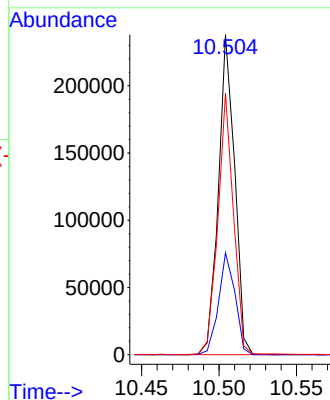
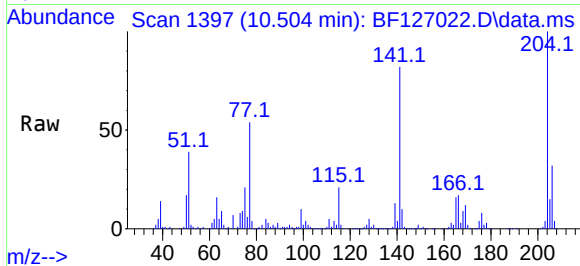
#61
4-Chlorophenyl-phenylether
Concen: 45.309 ng
RT: 10.504 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS

Tgt Ion:204 Resp: 17338
Ion Ratio Lower Upper
204 100
206 31.8 26.3 39.5
141 81.7 59.0 88.6

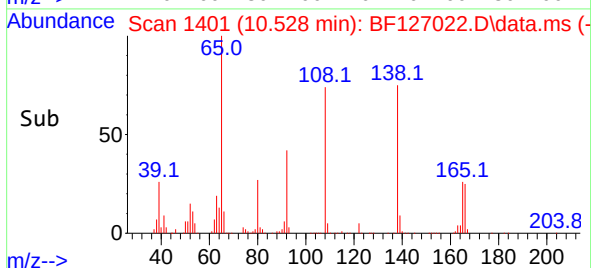
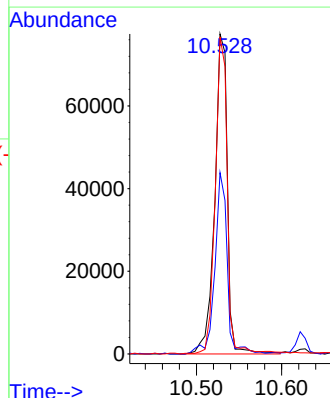
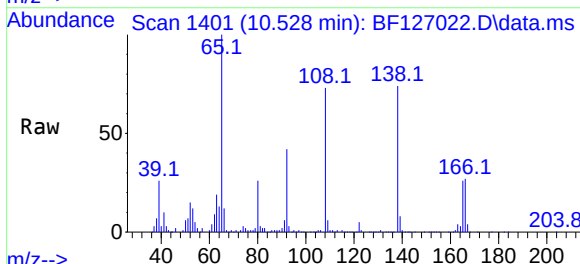
Manual Integrations
APPROVED

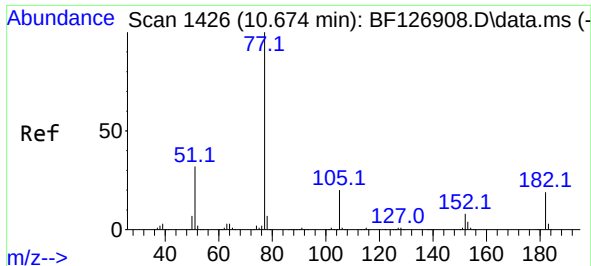
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#62
4-Nitroaniline
Concen: 37.294 ng
RT: 10.528 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Tgt Ion:138 Resp: 79918
Ion Ratio Lower Upper
138 100
92 56.7 36.2 76.2
108 99.1 46.7 86.7#





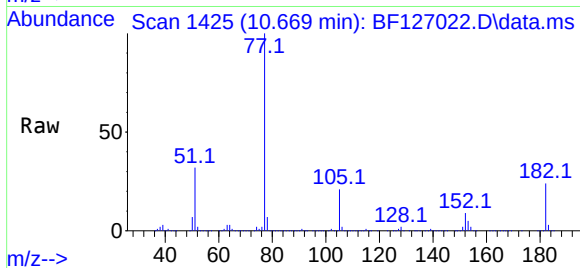
#63
Azobenzene
Concen: 41.555 ng
RT: 10.669 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

TR-05-02182MS

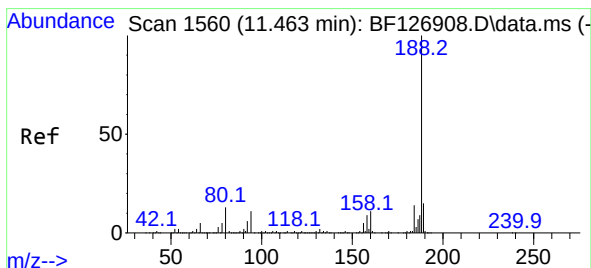
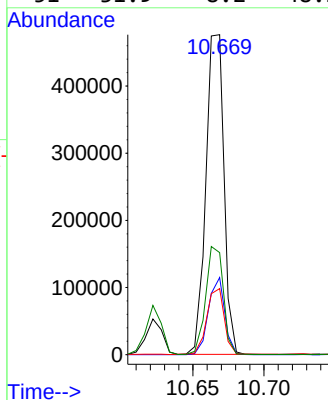
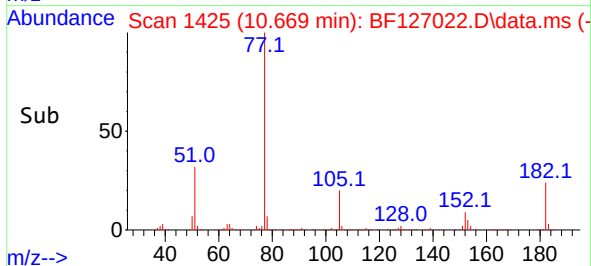


Tgt Ion: 77 Resp: 42189
Ion Ratio Lower Upper
77 100
182 24.1 0.0 39.0
105 20.6 3.2 43.2
51 31.9 8.2 48.2

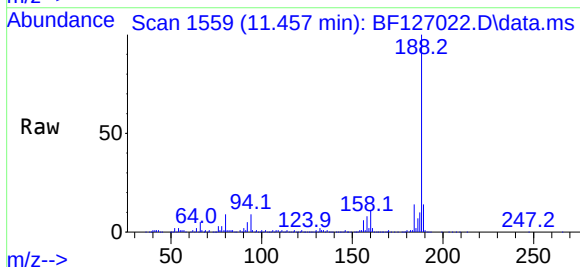
Manual Integrations

APPROVED

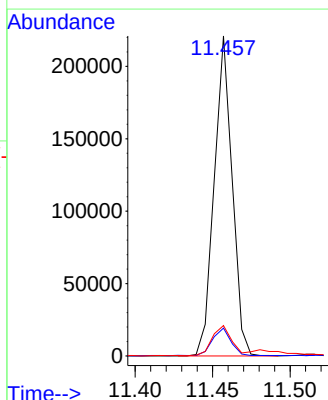
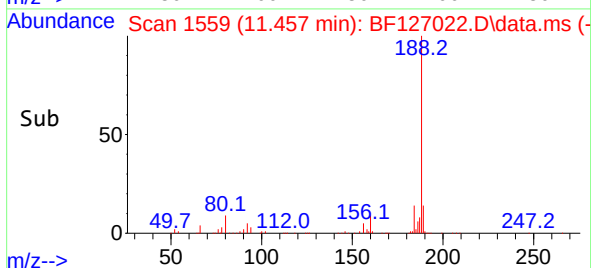
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

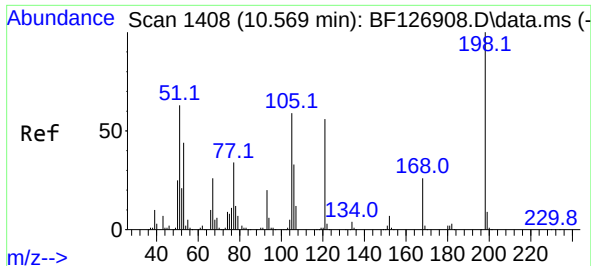


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion:188 Resp: 178216
Ion Ratio Lower Upper
188 100
94 8.7 10.1 15.1#
80 9.5 11.8 17.6#





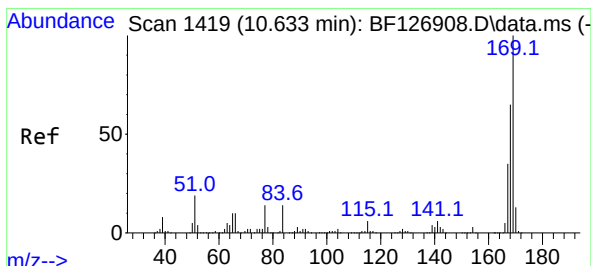
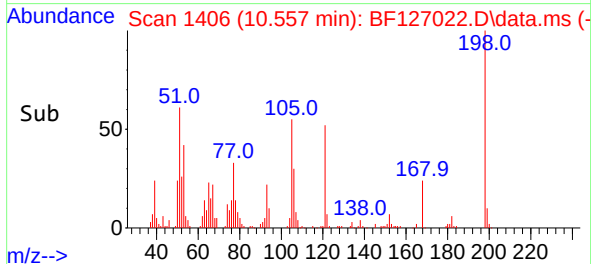
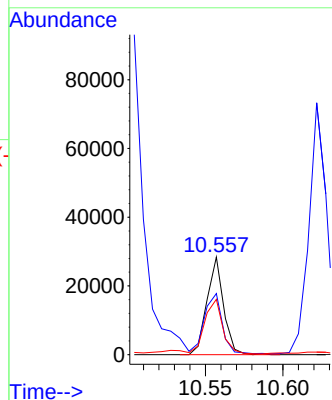
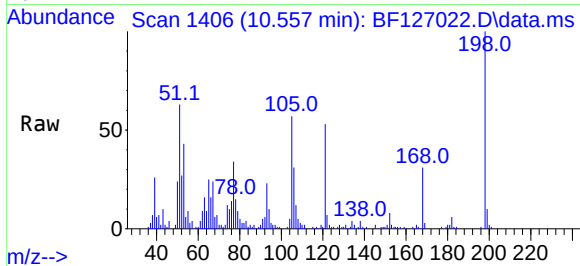
#65
4,6-Dinitro-2-methylphenol
Concen: 20.165 ng
RT: 10.557 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :
BNA_F
ClientSampleId :
TR-05-02182MS

Tgt Ion:198 Resp: 2111
Ion Ratio Lower Upper
198 100
51 62.6 32.0 72.0
105 56.7 32.7 72.7

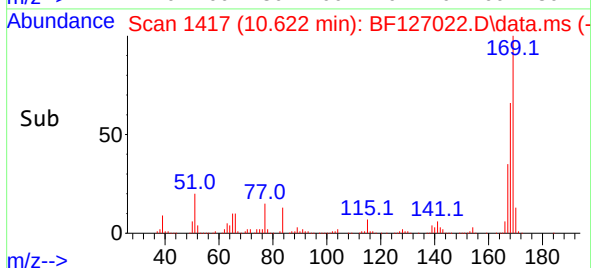
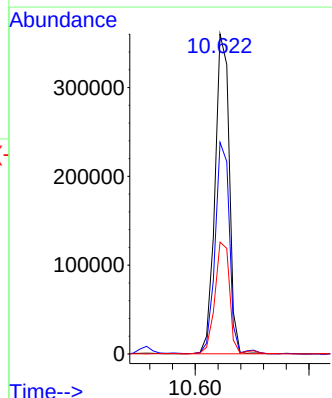
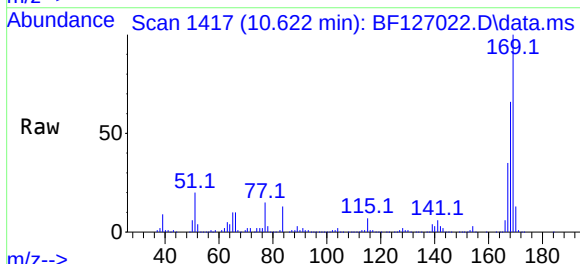
Manual Integrations
APPROVED

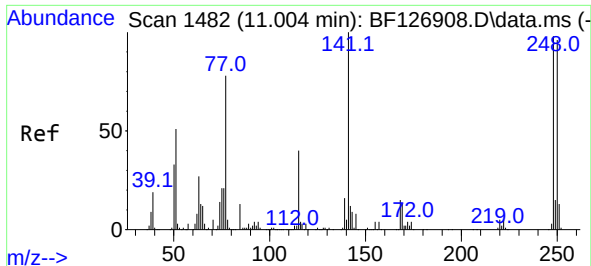
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#66
n-Nitrosodiphenylamine
Concen: 53.756 ng
RT: 10.622 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Tgt Ion:169 Resp: 314139
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 35.0 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 51.340 ng
RT: 10.998 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

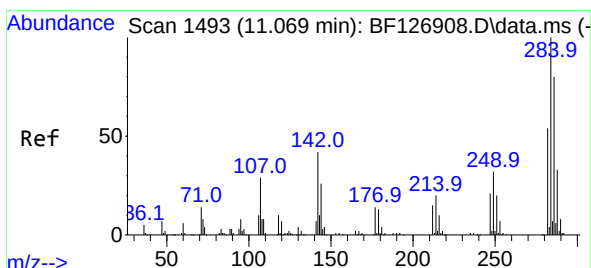
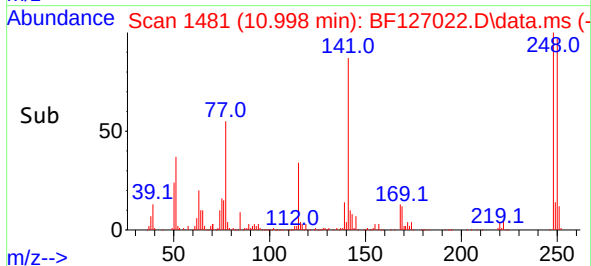
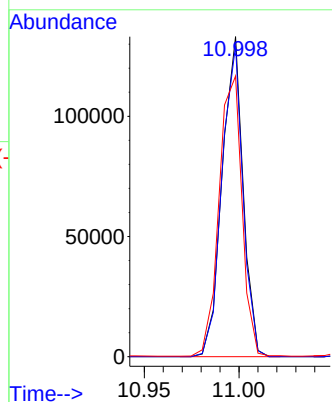
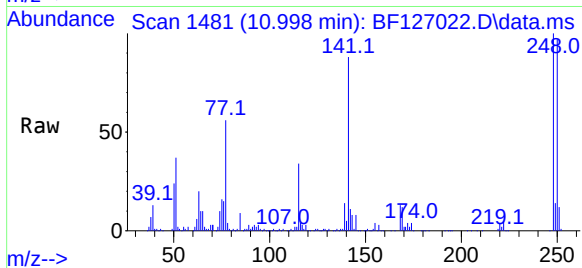
TR-05-021822MS

Tgt Ion:248 Resp: 102228
Ion Ratio Lower Upper
248 100
250 97.2 76.2 114.4
141 87.7 66.2 99.4

Manual Integrations

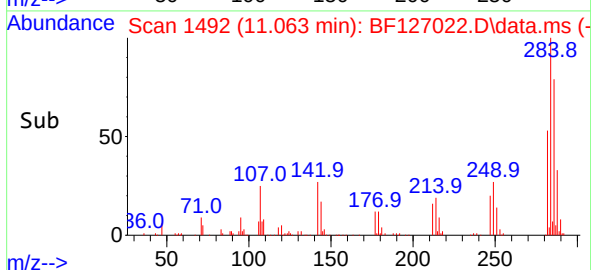
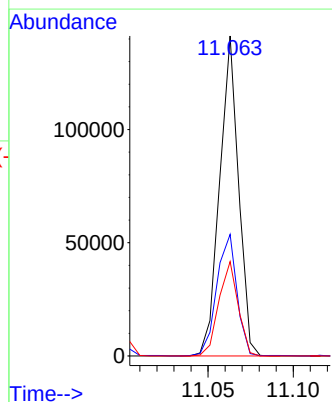
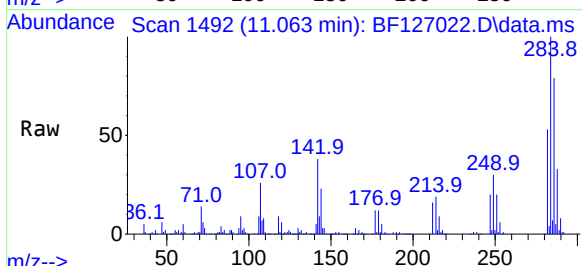
APPROVED

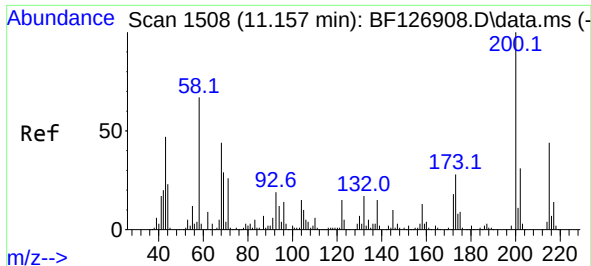
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#68
Hexachlorobenzene
Concen: 50.967 ng
RT: 11.063 min Scan# 1492
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

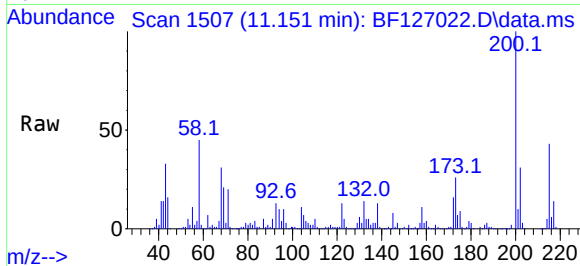
Tgt Ion:284 Resp: 109254
Ion Ratio Lower Upper
284 100
142 38.0 30.7 46.1
249 29.5 21.1 31.7





#69
Atrazine
Concen: 55.060 ng
RT: 11.151 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

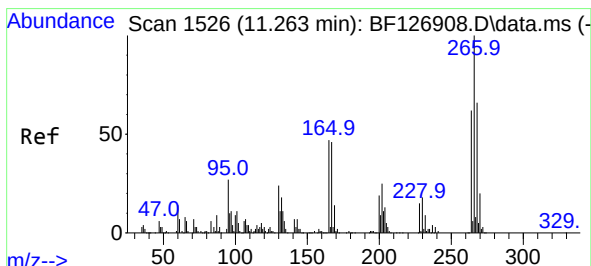
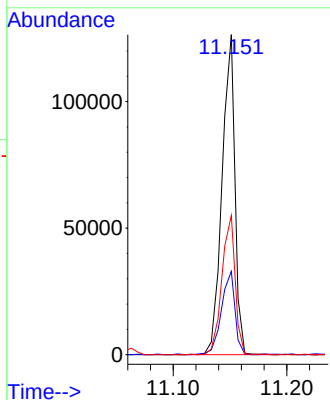
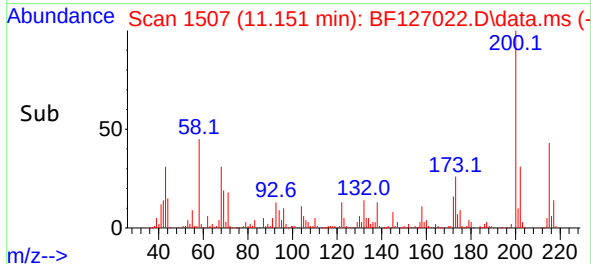
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS



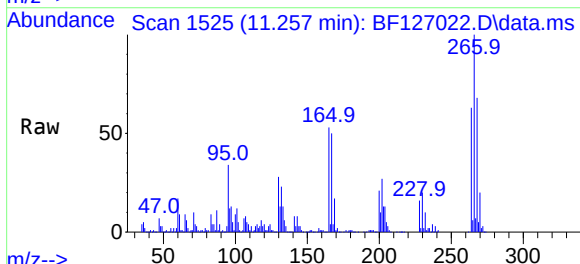
Tgt Ion:200 Resp: 99794
Ion Ratio Lower Upper
200 100
173 26.1 9.2 49.2
215 43.5 23.2 63.2

Manual Integrations
APPROVED

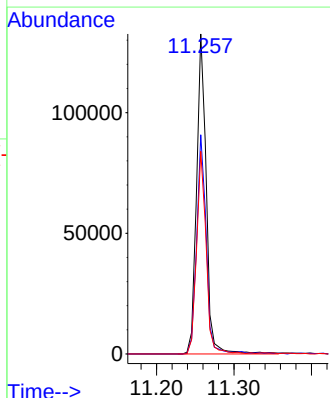
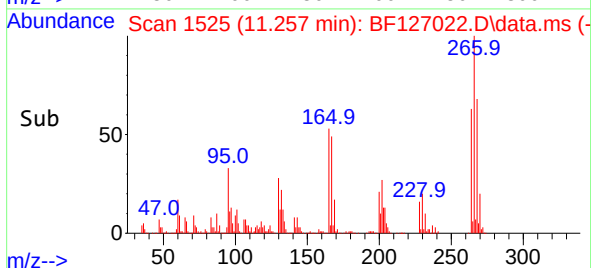
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

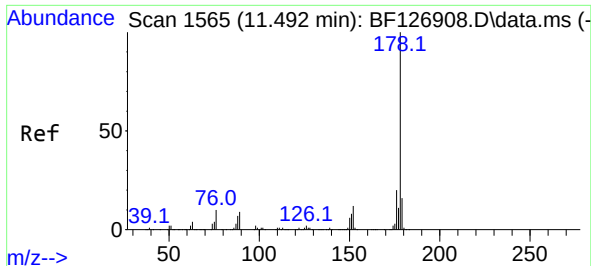


#70
Pentachlorophenol
Concen: 98.141 ng
RT: 11.257 min Scan# 1525
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion:266 Resp: 114841
Ion Ratio Lower Upper
266 100
268 68.5 52.3 78.5
264 63.3 50.4 75.6





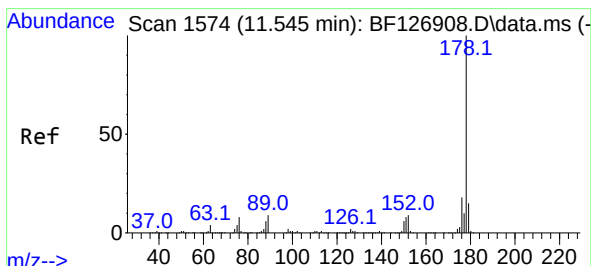
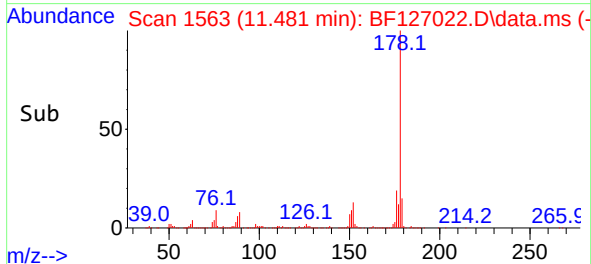
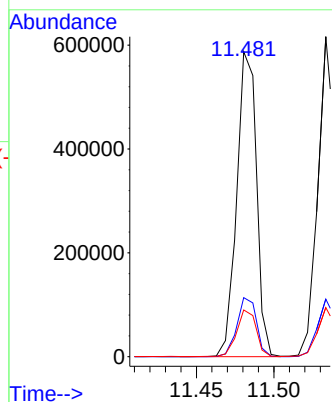
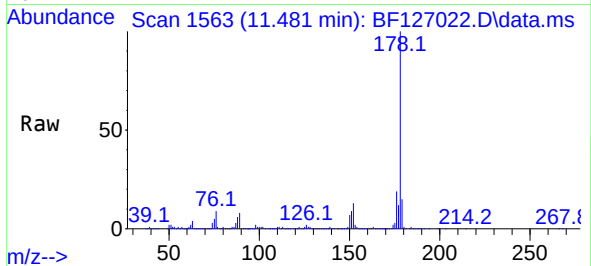
#71
Phenanthrene
Concen: 52.271 ng
RT: 11.481 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :
BNA_F
ClientSampleId :
TR-05-02182MS

Tgt Ion:178 Resp: 521400
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.3 12.3 18.5

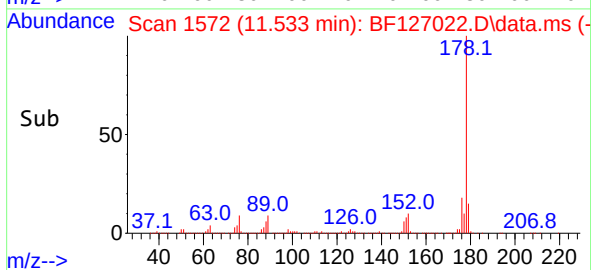
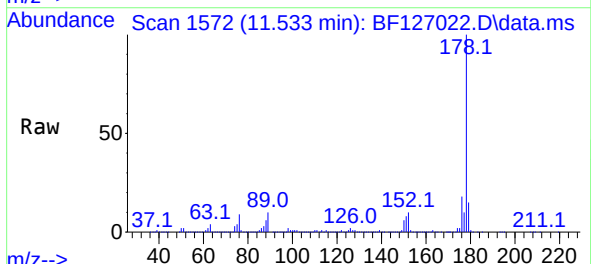
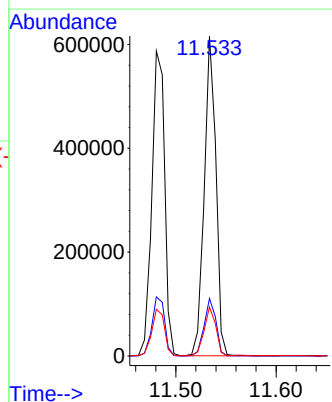
Manual Integrations
APPROVED

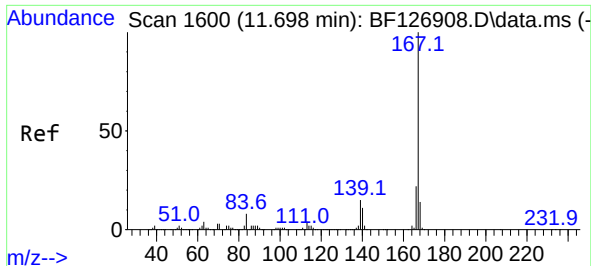
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#72
Anthracene
Concen: 50.286 ng
RT: 11.533 min Scan# 1572
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

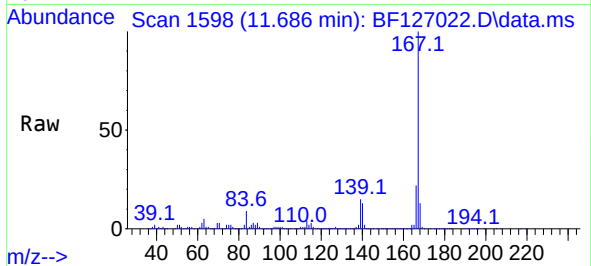
Tgt Ion:178 Resp: 499357
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.6
179 15.3 12.5 18.7





#73
 Carbazole
 Concen: 46.087 ng
 RT: 11.686 min Scan# 1169
 Delta R.T. 0.000 min
 Lab File: BF127022.D
 Acq: 22 Feb 2022 21:44

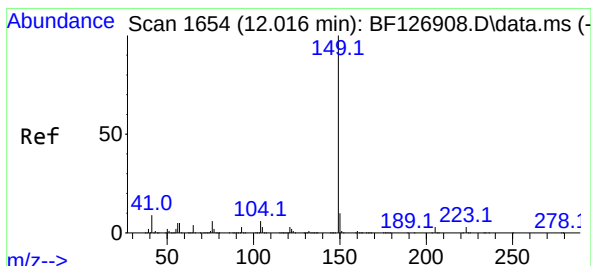
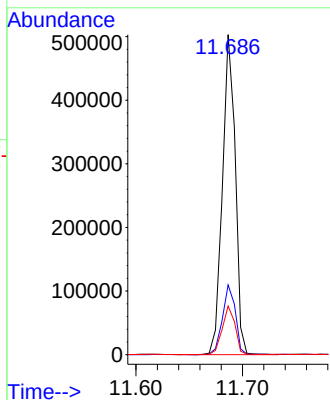
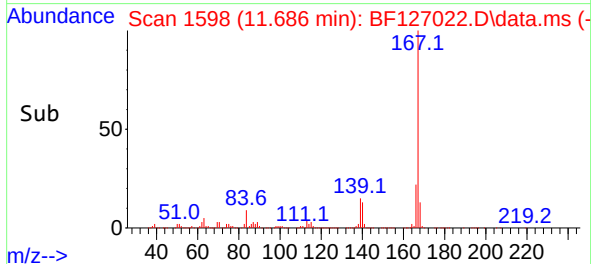
Instrument :
 BNA_F
 ClientSampleId :
 TR-05-021822MS



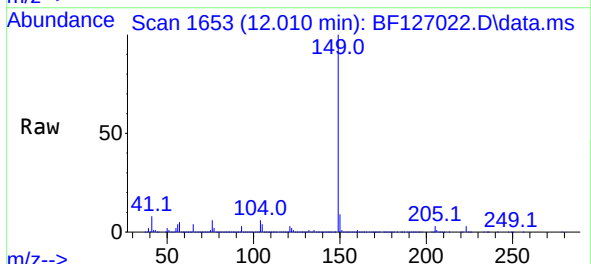
Tgt Ion:167 Resp: 419690
 Ion Ratio Lower Upper
 167 100
 166 21.8 16.9 25.3
 139 15.2 11.3 16.9

Manual Integrations
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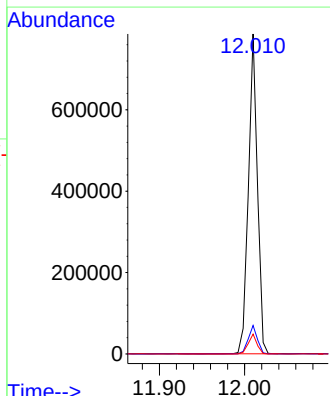
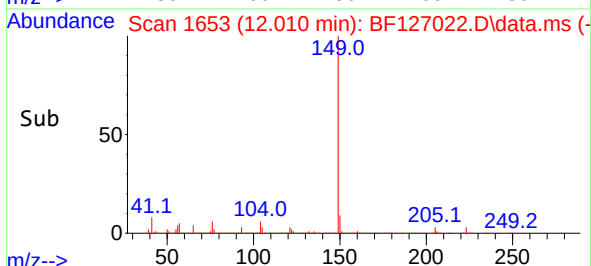
Reviewed By :Christian Giraldo 02/23/2022
 Supervised By :Jagrut Upadhyay 02/23/2022

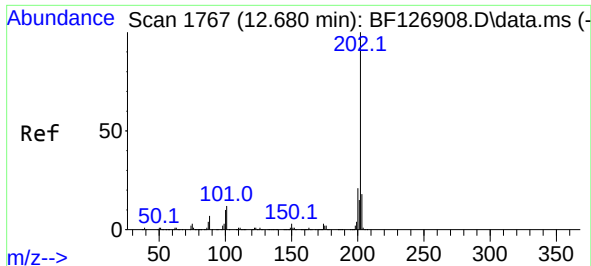


#74
 Di-n-butylphthalate
 Concen: 49.530 ng
 RT: 12.010 min Scan# 1653
 Delta R.T. 0.006 min
 Lab File: BF127022.D
 Acq: 22 Feb 2022 21:44



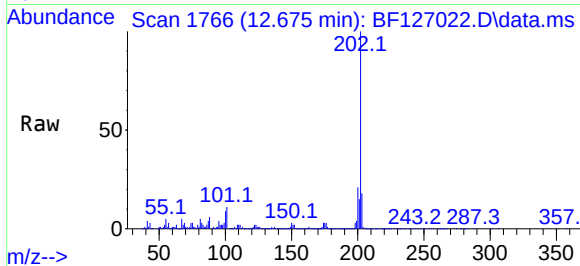
Tgt Ion:149 Resp: 579865
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.2 10.8
 104 6.2 4.2 6.2





#75
Fluoranthene
Concen: 52.689 ng
RT: 12.675 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

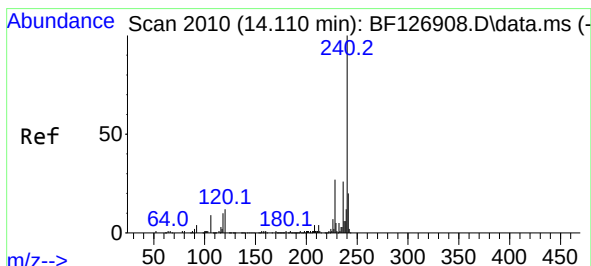
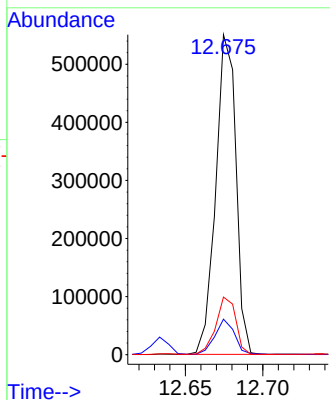
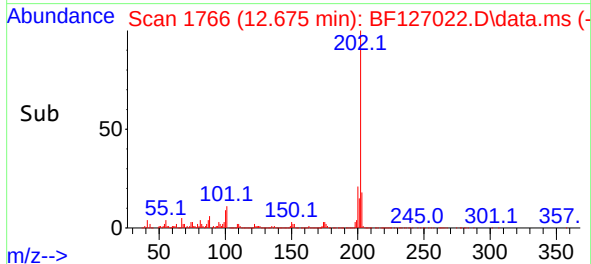
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS



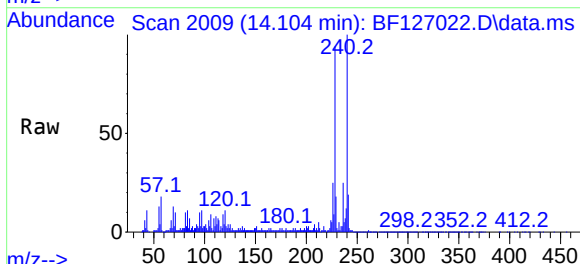
Tgt Ion:202 Resp: 49904
Ion Ratio Lower Upper
202 100
101 11.1 0.0 35.7
203 18.0 0.0 37.1

Manual Integrations
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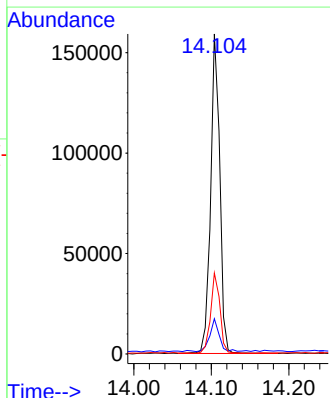
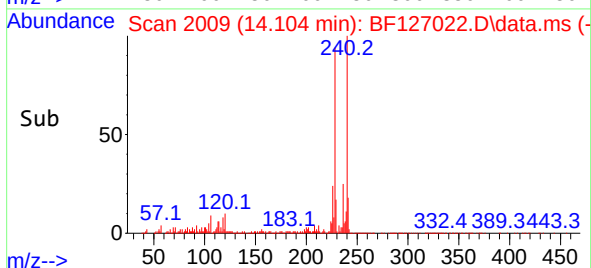
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

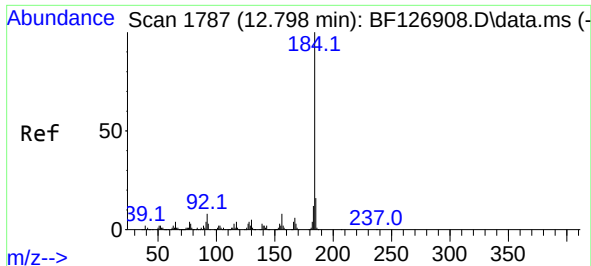


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



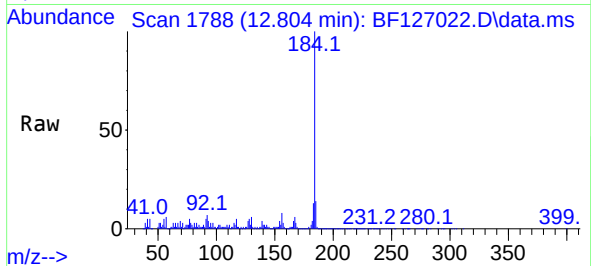
Tgt Ion:240 Resp: 130433
Ion Ratio Lower Upper
240 100
120 11.0 14.4 21.6#
236 25.3 20.5 30.7





#77
Benzidine
Concen: 46.817 ng m
RT: 12.804 min Scan# 1788
Delta R.T. 0.018 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

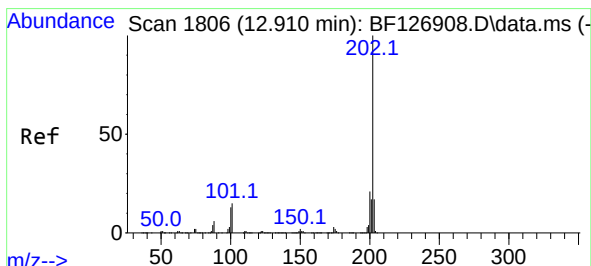
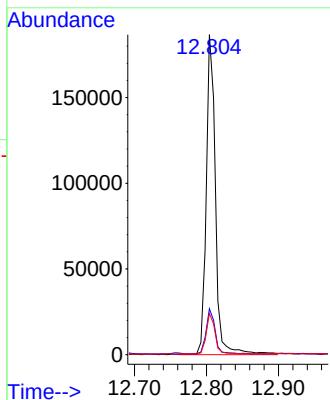
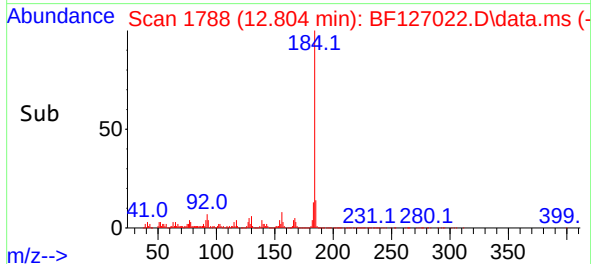
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS



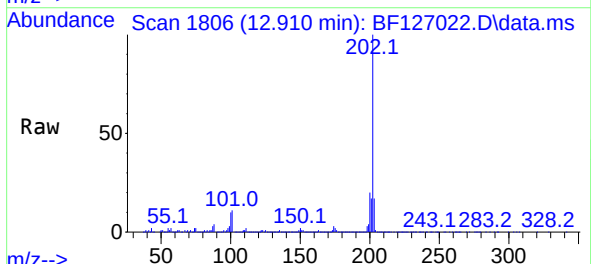
Tgt Ion:184 Resp: 165940
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.8
183 12.9 8.2 12.2

Manual Integrations
APPROVED

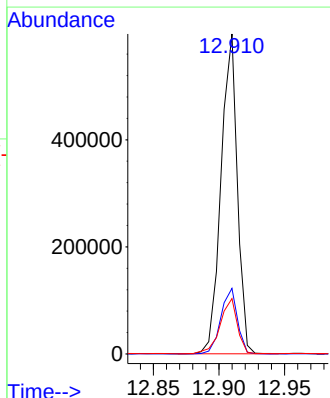
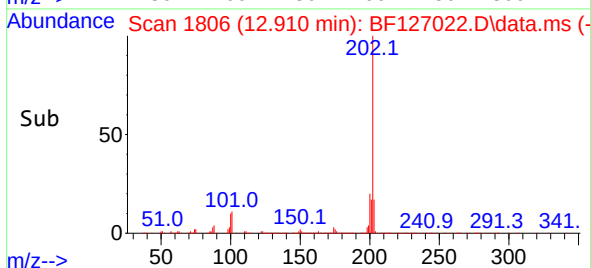
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

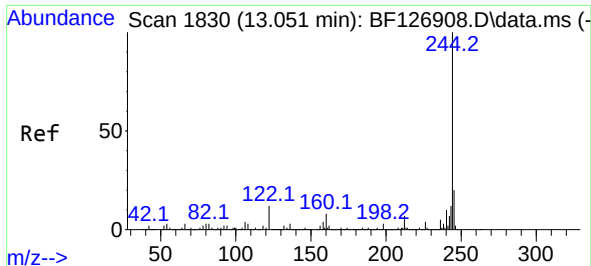


#78
Pyrene
Concen: 45.422 ng
RT: 12.910 min Scan# 1806
Delta R.T. 0.012 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44



Tgt Ion:202 Resp: 514709
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.3 13.8 20.8





#79
Terphenyl-d14
Concen: 59.481 ng
RT: 13.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

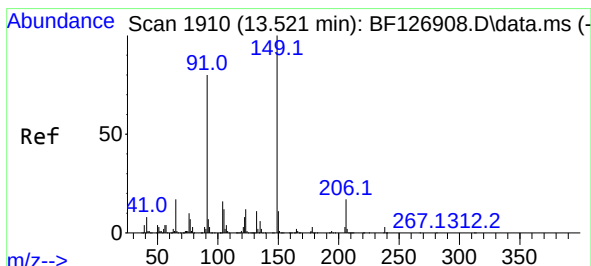
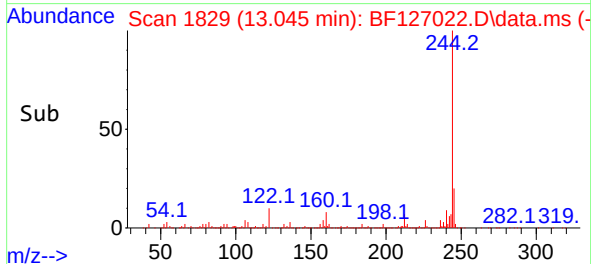
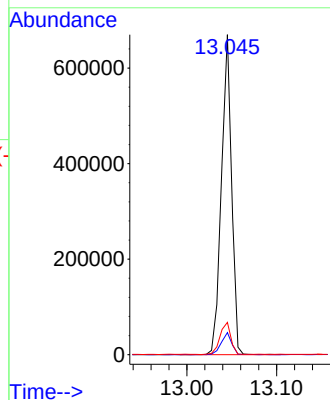
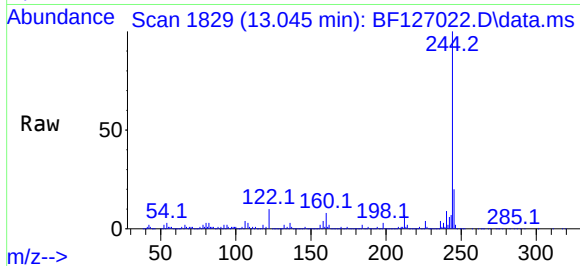
TR-05-021822MS

Tgt Ion:244 Resp: 527764
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.1 13.3 19.9

Manual Integrations

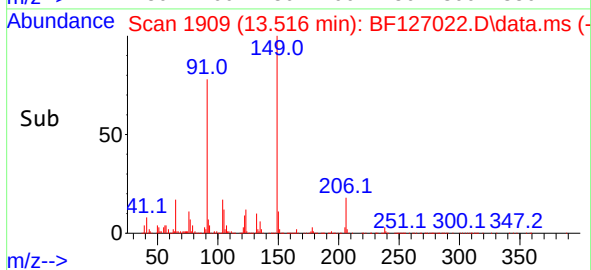
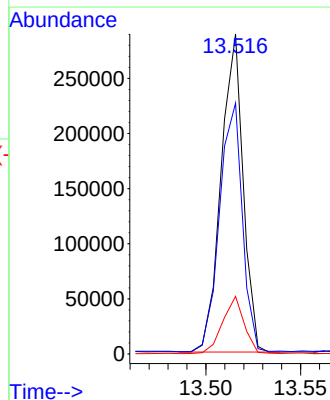
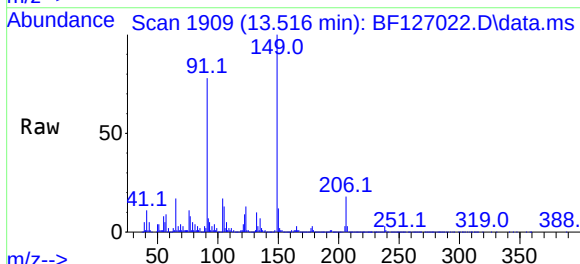
APPROVED

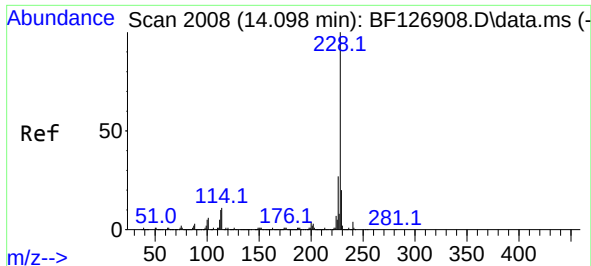
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#80
Butylbenzylphthalate
Concen: 43.649 ng
RT: 13.516 min Scan# 1909
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Tgt Ion:149 Resp: 234163
Ion Ratio Lower Upper
149 100
91 78.4 70.5 105.7
206 18.0 12.6 19.0





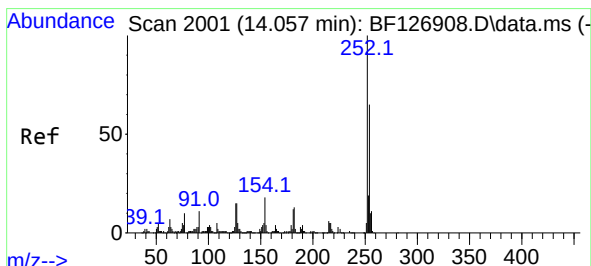
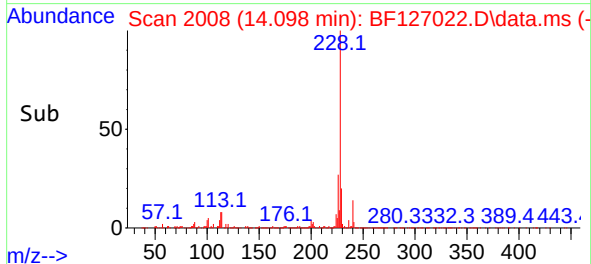
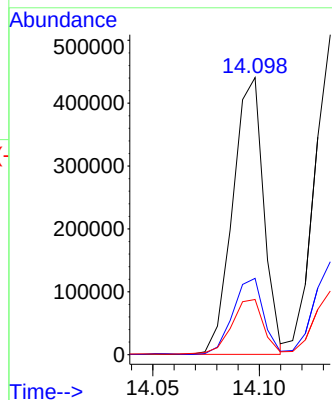
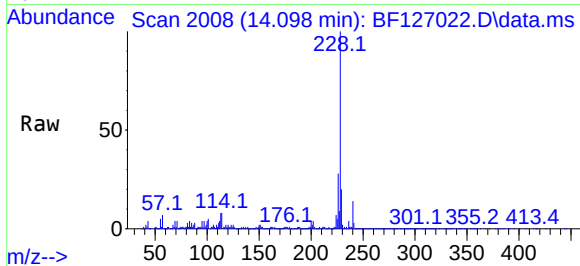
#81
Benzo(a)anthracene
Concen: 50.546 ng
RT: 14.098 min Scan# 2000
Delta R.T. 0.012 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS

Tgt Ion:228 Resp: 444469
Ion Ratio Lower Upper
228 100
226 27.5 21.4 32.0
229 19.9 15.4 23.2

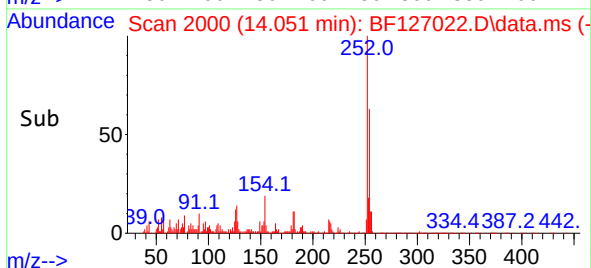
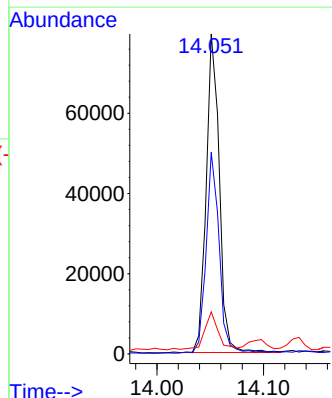
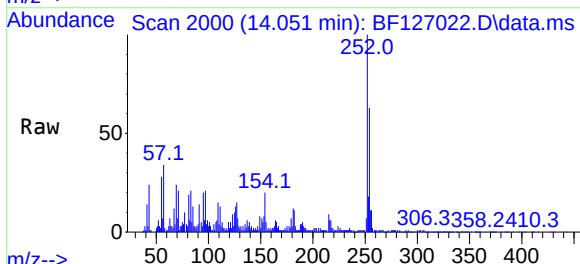
Manual Integrations
APPROVED

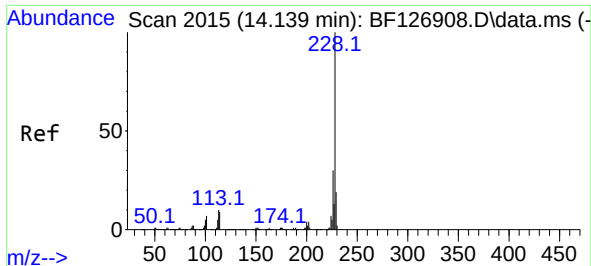
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 24.674 ng
RT: 14.051 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

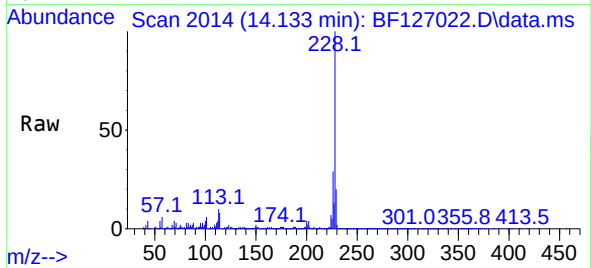
Tgt Ion:252 Resp: 68376
Ion Ratio Lower Upper
252 100
254 63.0 51.0 76.4
126 13.1 13.4 20.0#





#83
Chrysene
Concen: 50.149 ng
RT: 14.133 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

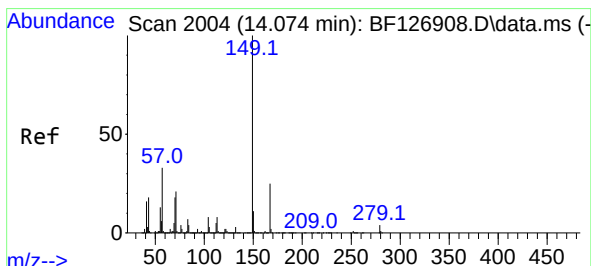
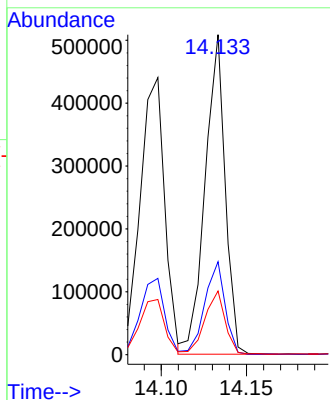
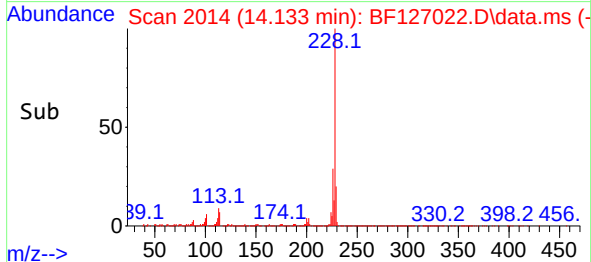
Instrument :
BNA_F
ClientSampleId :
TR-05-021822MS



Tgt Ion:228 Resp: 414680
Ion Ratio Lower Upper
228 100
226 29.0 23.7 35.5
229 19.9 15.5 23.3

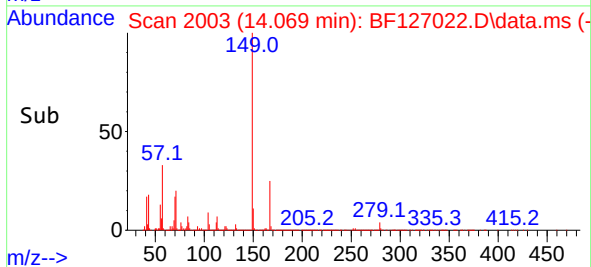
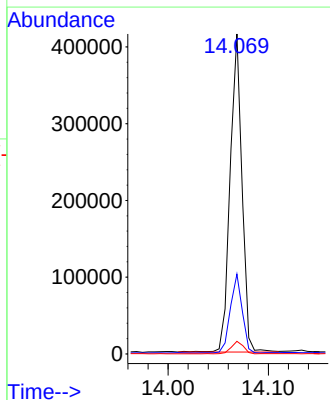
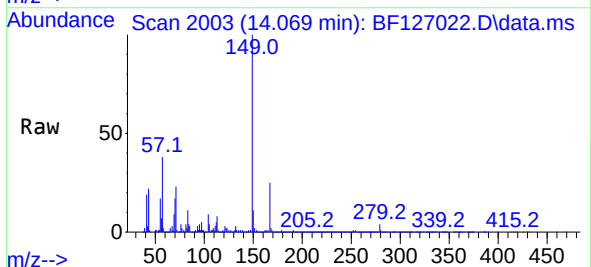
Manual Integrations
APPROVED

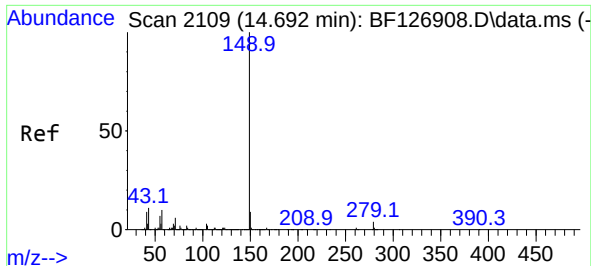
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.285 ng
RT: 14.069 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Tgt Ion:149 Resp: 340074
Ion Ratio Lower Upper
149 100
167 24.9 21.4 32.2
279 3.9 2.4 3.6





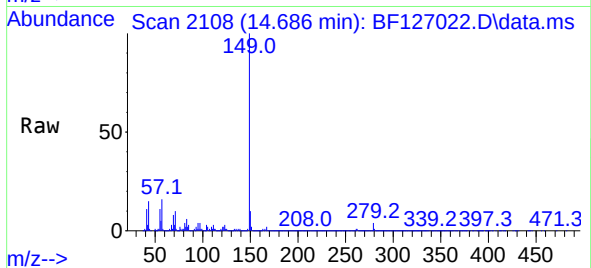
#85
Di-n-octyl phthalate
Concen: 52.558 ng
RT: 14.686 min Scan# 2109
Delta R.T. 0.006 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MS

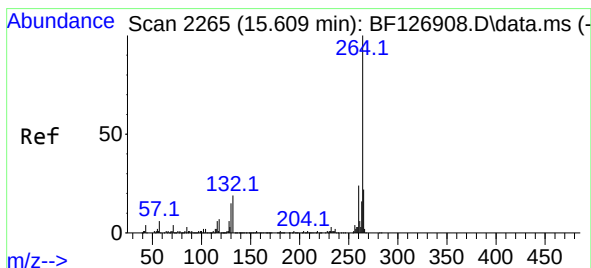
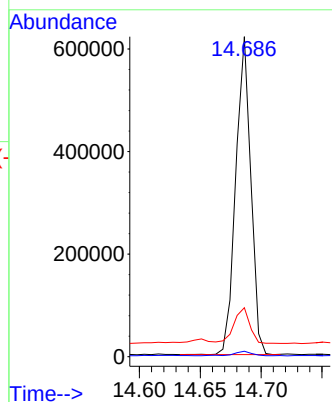
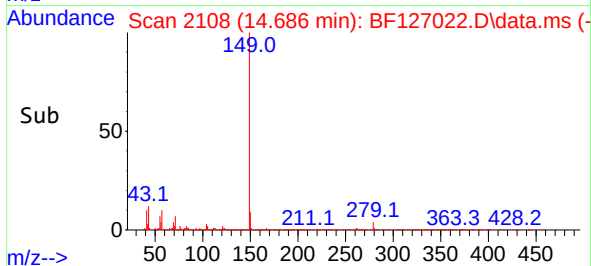


Tgt Ion:149 Resp: 53297
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.7 9.9 14.9

Manual Integrations

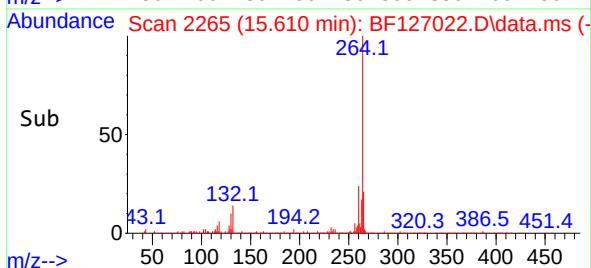
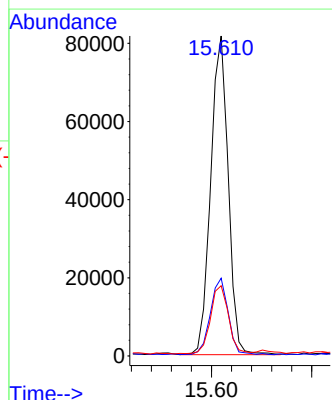
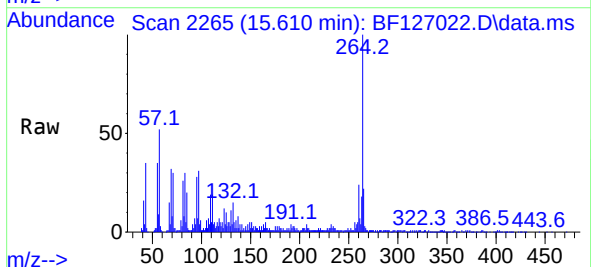
APPROVED

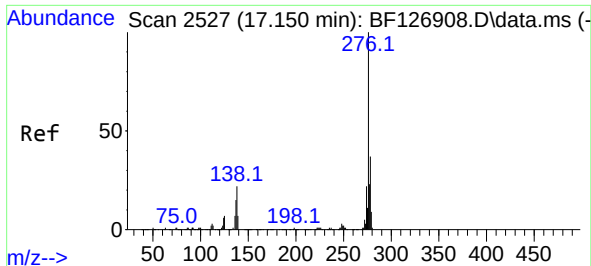
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 2265
Delta R.T. 0.018 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Tgt Ion:264 Resp: 99072
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.9 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.100 ng
RT: 17.145 min Scan# 211
Delta R.T. 0.030 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNF

ClientSampleId :

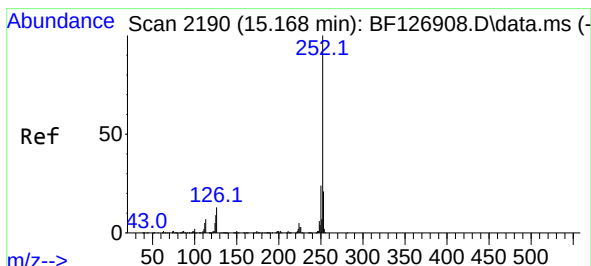
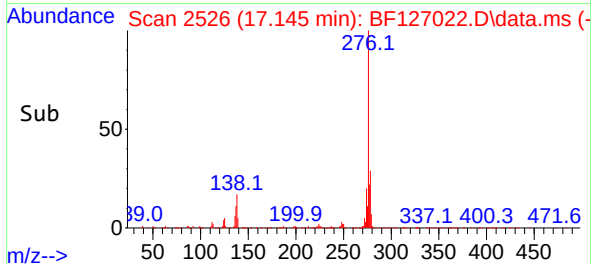
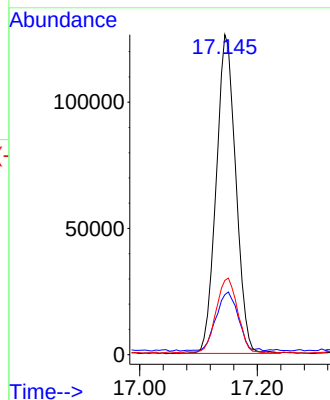
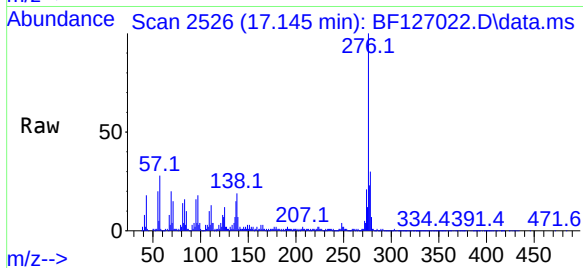
TR-05-021822MS

Tgt Ion:276 Resp: 292979
Ion Ratio Lower Upper
276 100
138 21.1 29.2 43.8
277 25.7 19.8 29.8

Manual Integrations

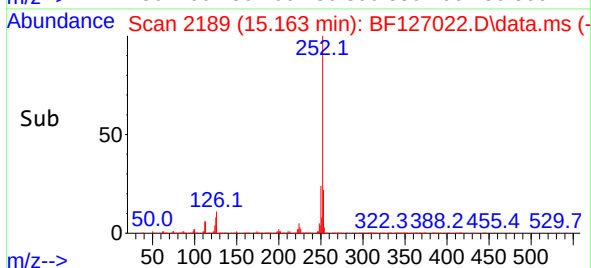
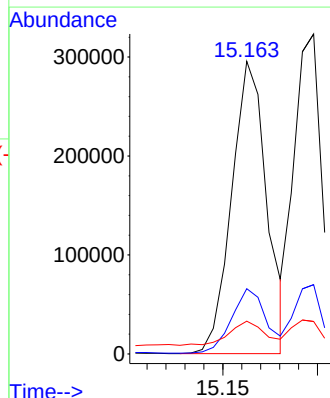
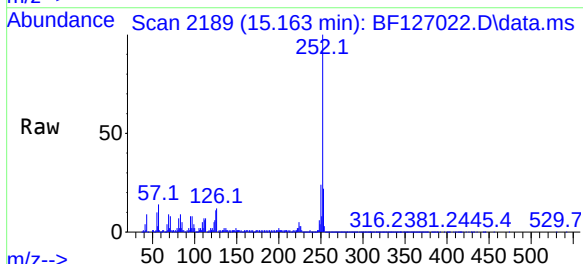
APPROVED

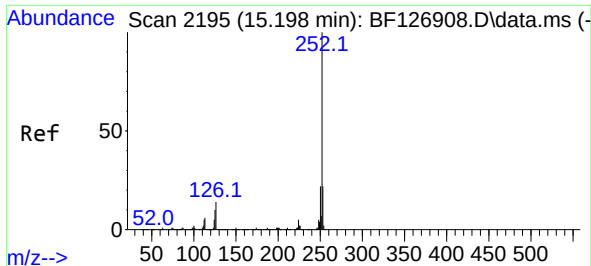
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#88
Benzo(b)fluoranthene
Concen: 57.161 ng
RT: 15.163 min Scan# 2189
Delta R.T. 0.012 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Tgt Ion:252 Resp: 380349
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.2 12.4 18.6





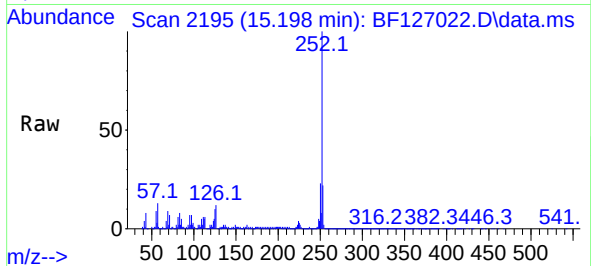
#89
Benzo(k)fluoranthene
Concen: 51.230 ng
RT: 15.198 min Scan# 2195
Delta R.T. 0.018 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNA_F

ClientSampleId :

TR-05-021822MS

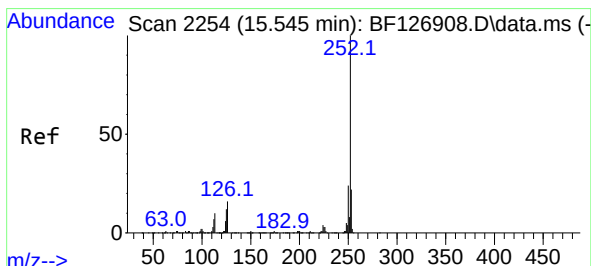
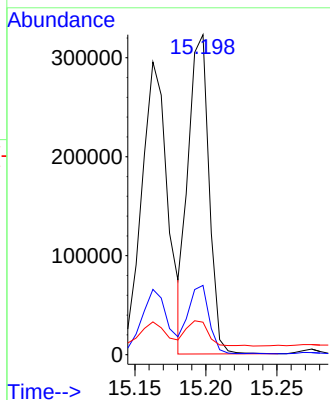
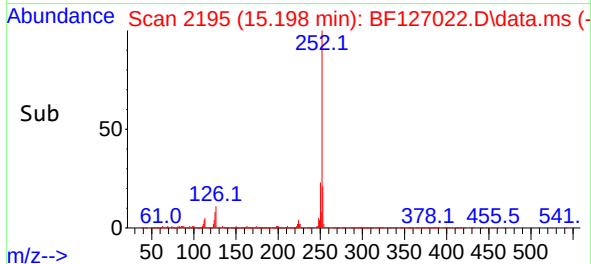


Tgt Ion:252 Resp: 328790
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 10.1 11.8 17.6

Manual Integrations

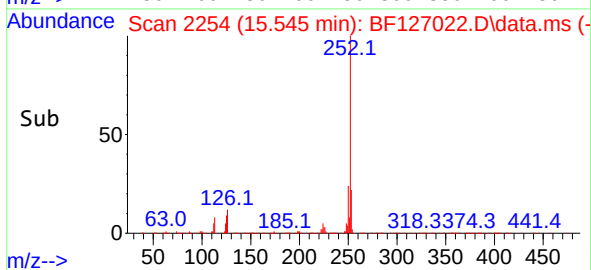
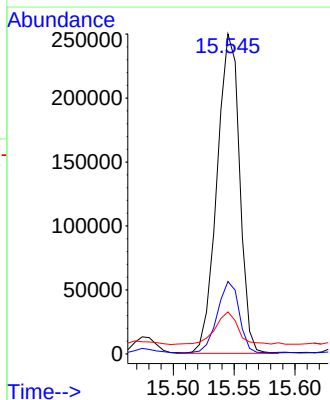
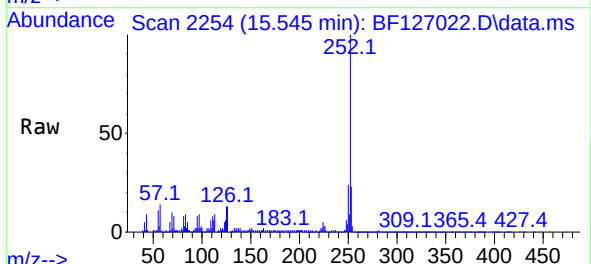
APPROVED

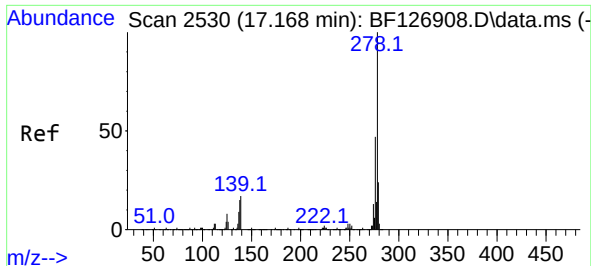
Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#90
Benzo(a)pyrene
Concen: 62.108 ng
RT: 15.545 min Scan# 2254
Delta R.T. 0.018 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Tgt Ion:252 Resp: 322803
Ion Ratio Lower Upper
252 100
253 22.6 17.1 25.7
125 13.1 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 45.481 ng
RT: 17.163 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Instrument :

BNF

ClientSampleId :

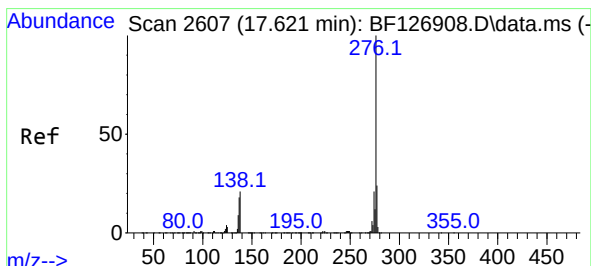
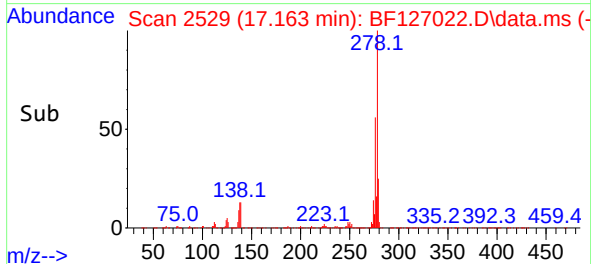
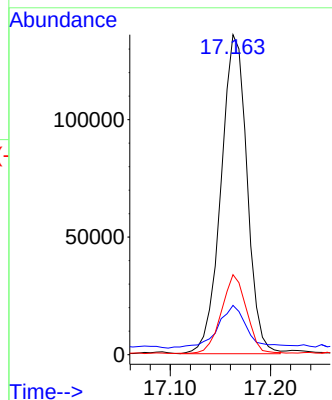
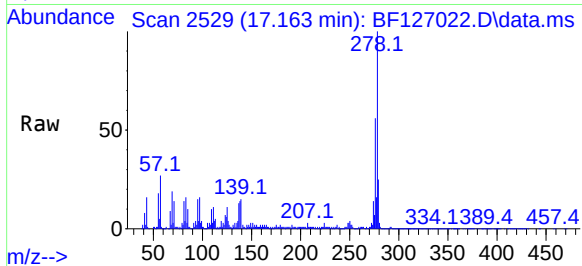
TR-05-021822MS

Tgt Ion:278 Resp: 244350
Ion Ratio Lower Upper
278 100
139 15.4 18.0 27.0
279 25.0 18.6 27.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022



#92
Benzo(g,h,i)perylene
Concen: 45.772 ng
RT: 17.621 min Scan# 2607
Delta R.T. 0.035 min
Lab File: BF127022.D
Acq: 22 Feb 2022 21:44

Tgt Ion:276 Resp: 242443
Ion Ratio Lower Upper
276 100
277 24.1 18.5 27.7
138 18.3 25.9 38.9

