

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126933.D
 Acq On : 17 Feb 2022 18:17
 Operator : CG\JU
 Sample : N1571-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Quant Time: Feb 18 03:44:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/18/2022
 Supervised By : Jagrut Upadhyay 02/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	106069	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	448287	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	233926	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	372284	20.000	ng	# 0.00
76) Chrysene-d12	14.110	240	159654	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	176720	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	826275	120.400	ng	0.01
7) Phenol-d6	6.557	99	1130375	122.067	ng	0.00
23) Nitrobenzene-d5	7.498	82	807548	81.311	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	337188	125.193	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1258113	79.176	ng	0.00
79) Terphenyl-d14	13.045	244	948613	87.345	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	112283	35.755	ng	97
3) Pyridine	3.551	79	277898	33.738	ng	# 88
4) n-Nitrosodimethylamine	3.516	42	183240	45.413	ng	# 72
6) Aniline	6.598	93	497844	45.374	ng	97
8) 2-Chlorophenol	6.716	128	364282	49.472	ng	98
9) Benzaldehyde	6.487	77	231980	41.154	ng	98
10) Phenol	6.569	94	475746	50.845	ng	83
11) bis(2-Chloroethyl)ether	6.669	93	350125	47.708	ng	97
12) 1,3-Dichlorobenzene	6.875	146	361940	45.567	ng	98
13) 1,4-Dichlorobenzene	6.951	146	366527	45.516	ng	97
14) 1,2-Dichlorobenzene	7.098	146	356073	46.368	ng	99
15) Benzyl Alcohol	7.069	79	379789	48.683	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.204	45	543482	47.029	ng	96
17) 2-Methylphenol	7.175	107	317835	49.890	ng	93
18) Hexachloroethane	7.445	117	148233	48.023	ng	# 89
19) n-Nitroso-di-n-propyla...	7.345	70	297351	49.832	ng	98
20) 3+4-Methylphenols	7.334	107	403470	48.771	ng	92
22) Acetophenone	7.339	105	538941	45.661	ng	98
24) Nitrobenzene	7.516	77	434338	46.294	ng	95
25) Isophorone	7.751	82	819928	49.891	ng	99
26) 2-Nitrophenol	7.828	139	195200	48.866	ng	# 75
27) 2,4-Dimethylphenol	7.863	122	353112	53.809	ng	92
28) bis(2-Chloroethoxy)met...	7.963	93	467318	46.904	ng	98
29) 2,4-Dichlorophenol	8.069	162	296392	48.040	ng	99
30) 1,2,4-Trichlorobenzene	8.151	180	307148	44.529	ng	97
31) Naphthalene	8.239	128	1356951	57.986	ng	99
32) Benzoic acid	7.992	122	237269	50.982	ng	83
33) 4-Chloroaniline	8.281	127	243299	26.414	ng	94
34) Hexachlorobutadiene	8.345	225	181559	45.086	ng	98
35) Caprolactam	8.669	113	106743m	49.544	ng	
36) 4-Chloro-3-methylphenol	8.763	107	387743	49.175	ng	95
37) 2-Methylnaphthalene	8.928	142	949590	62.536	ng	97
38) 1-Methylnaphthalene	9.028	142	846424	58.210	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	291728	47.376	ng	99
41) Hexachlorocyclopentadiene	9.075	237	347987	104.196	ng	95
43) 2,4,6-Trichlorophenol	9.204	196	213500	47.273	ng	98

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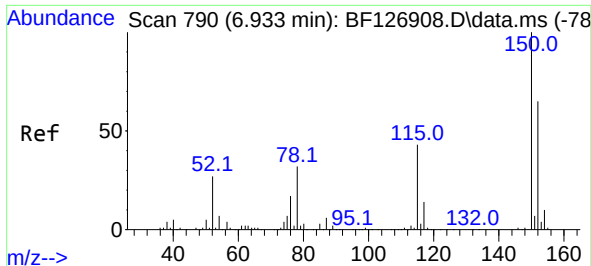
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	222263	46.767	ng	95
46) 1,1'-Biphenyl	9.392	154	940481	50.745	ng	99
47) 2-Chloronaphthalene	9.422	162	635387	46.231	ng	95
48) 2-Nitroaniline	9.516	65	257983	47.568	ng	95
49) Acenaphthylene	9.839	152	1067285	47.807	ng	98
50) Dimethylphthalate	9.698	163	802474	47.993	ng	99
51) 2,6-Dinitrotoluene	9.763	165	168514	49.535	ng	98
52) Acenaphthene	10.016	154	1239281m	85.356	ng	
53) 3-Nitroaniline	9.928	138	137851	33.150	ng	96
54) 2,4-Dinitrophenol	10.039	184	170553	94.720	ng	# 86
55) Dibenzofuran	10.186	168	1501128	75.190	ng	91
56) 4-Nitrophenol	10.086	139	263007	85.633	ng	# 72
57) 2,4-Dinitrotoluene	10.163	165	224513	48.811	ng	# 90
58) Fluorene	10.528	166	1448124	93.120	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.298	232	170019m	45.124	ng	
60) Diethylphthalate	10.392	149	831338	47.582	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	332417	45.332	ng	99
62) 4-Nitroaniline	10.545	138	179003	43.592	ng	# 77
63) Azobenzene	10.675	77	874679	44.959	ng	88
65) 4,6-Dinitro-2-methylph...	10.575	198	103163	47.162	ng	98
66) n-Nitrosodiphenylamine	10.633	169	626272	51.302	ng	98
67) 4-Bromophenyl-phenylether	11.004	248	208939	50.231	ng	# 89
68) Hexachlorobenzene	11.069	284	223237	49.853	ng	95
69) Atrazine	11.163	200	202938	53.600	ng	98
70) Pentachlorophenol	11.269	266	232229	95.004	ng	98
71) Phenanthrene	11.504	178	3249435	155.942	ng	97
72) Anthracene	11.545	178	1285203	61.955	ng	100
73) Carbazole	11.698	167	867772	45.616	ng	97
74) Di-n-butylphthalate	12.016	149	1198975	49.026	ng	# 98
75) Fluoranthene	12.686	202	2005841	101.381	ng	95
77) Benzidine	12.798	184	395499	91.156	ng	98
78) Pyrene	12.916	202	1497550	107.967	ng	100
80) Butylbenzylphthalate	13.521	149	368914	56.181	ng	89
81) Benzo(a)anthracene	14.098	228	690590	64.162	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	133750	39.431	ng	# 97
83) Chrysene	14.133	228	646617	63.886	ng	98
84) Bis(2-ethylhexyl)phtha...	14.074	149	518735	60.171	ng	# 96
85) Di-n-octyl phthalate	14.692	149	760923	61.302	ng	98
87) Indeno(1,2,3-cd)pyrene	17.145	276	610693	52.702	ng	# 87
88) Benzo(b)fluoranthene	15.168	252	660898	55.682	ng	# 94
89) Benzo(k)fluoranthene	15.198	252	562190	49.108	ng	# 95
90) Benzo(a)pyrene	15.551	252	599642m	64.679	ng	
91) Dibenzo(a,h)anthracene	17.168	278	500174	52.190	ng	# 92
92) Benzo(g,h,i)perylene	17.615	276	511171	54.103	ng	# 87

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

Instrument :

BNA_F

ClientSampleId :

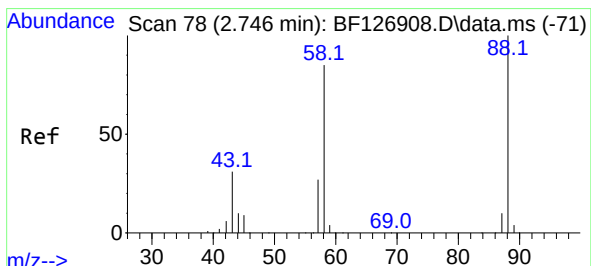
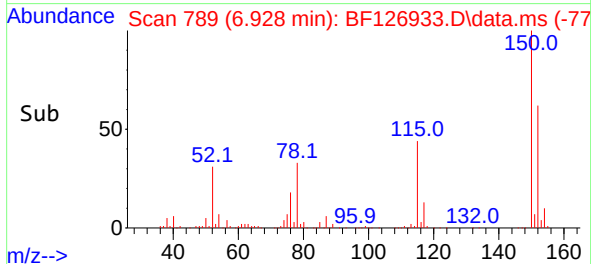
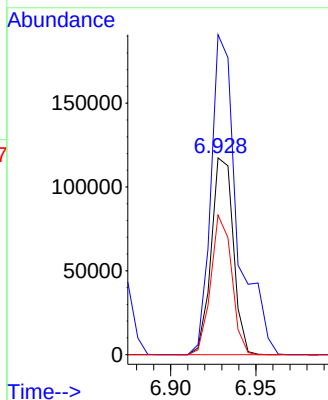
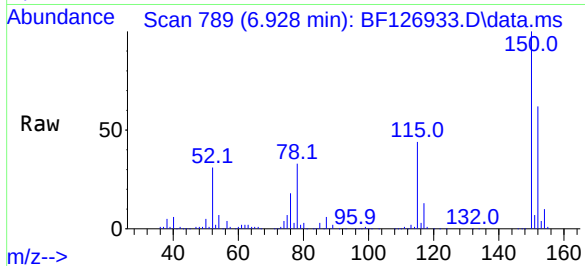
TP-3MSD

Tgt Ion:152 Resp: 106069
Ion Ratio Lower Upper
152 100
150 162.6 128.1 192.1
115 70.9 56.7 85.1

Manual Integrations

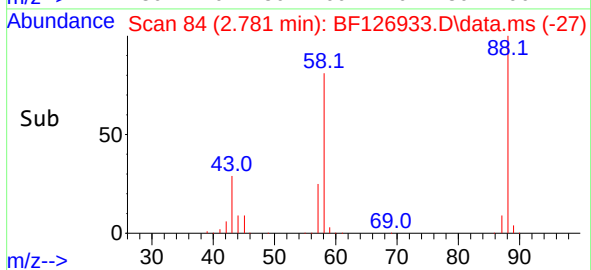
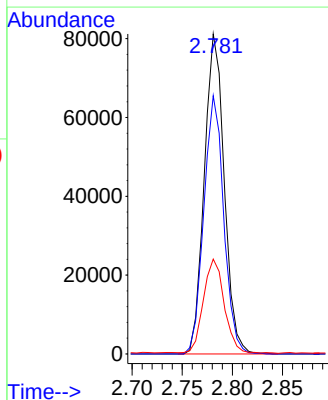
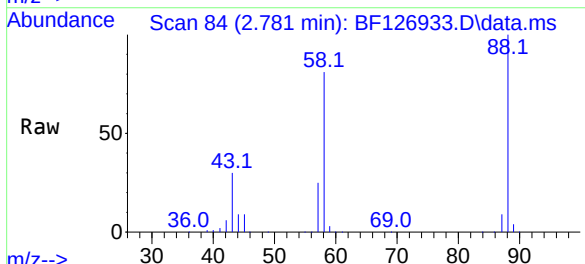
APPROVED

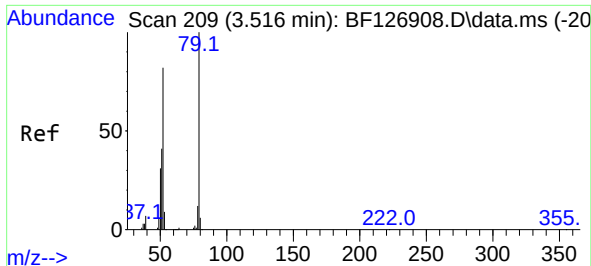
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#2
1,4-Dioxane
Concen: 35.755 ng
RT: 2.781 min Scan# 84
Delta R.T. 0.035 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

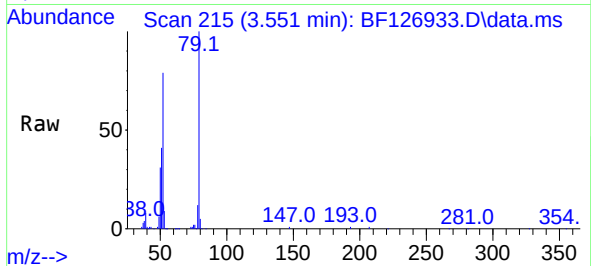
Tgt Ion: 88 Resp: 112283
Ion Ratio Lower Upper
88 100
58 80.7 62.8 94.2
43 30.9 22.3 33.5





#3
Pyridine
Concen: 33.738 ng
RT: 3.551 min Scan# 215
Delta R.T. 0.035 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

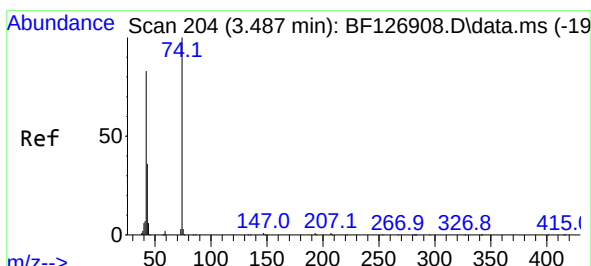
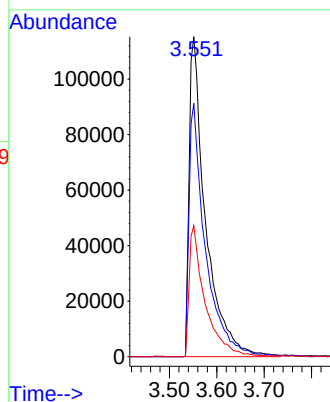
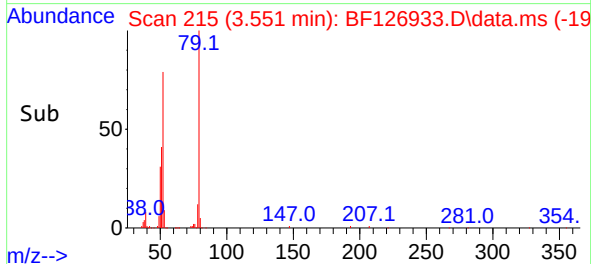
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BNA_F
ClientSampleId :
TP-3MSD



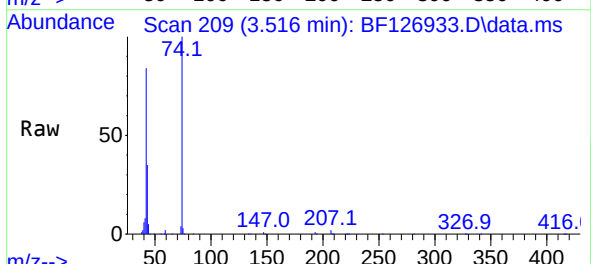
Tgt Ion: 79 Resp: 277898
Ion Ratio Lower Upper
79 100
52 79.2 56.2 84.4
51 40.9 26.7 40.1

Manual Integrations
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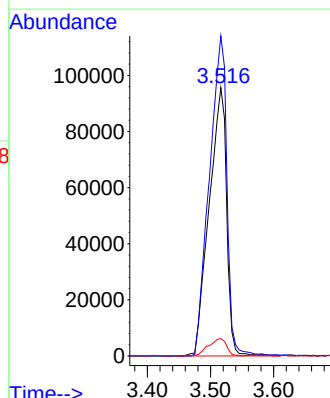
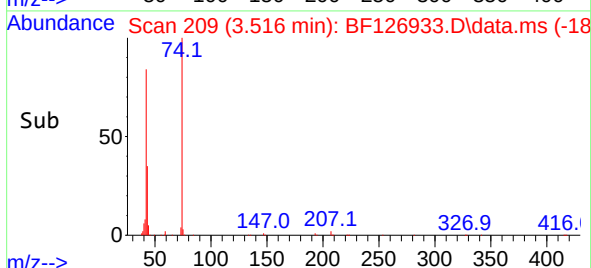
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

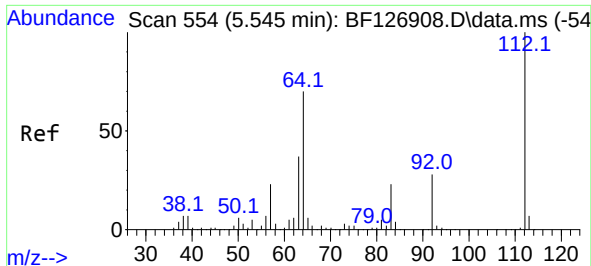


#4
n-Nitrosodimethylamine
Concen: 45.413 ng
RT: 3.516 min Scan# 209
Delta R.T. 0.030 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



Tgt Ion: 42 Resp: 183240
Ion Ratio Lower Upper
42 100
74 119.2 125.6 188.4
44 6.5 5.7 8.5





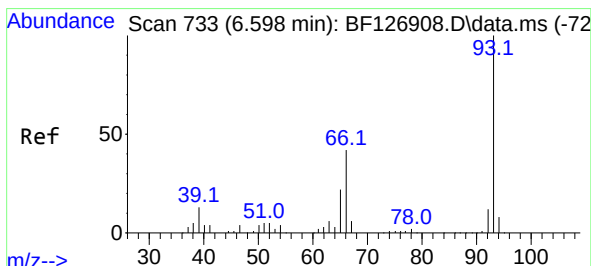
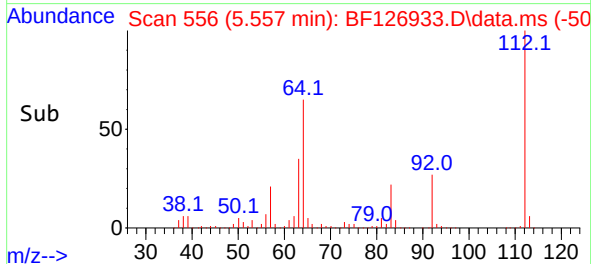
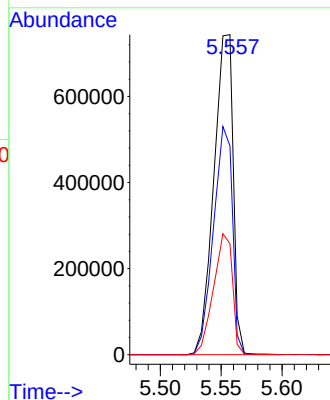
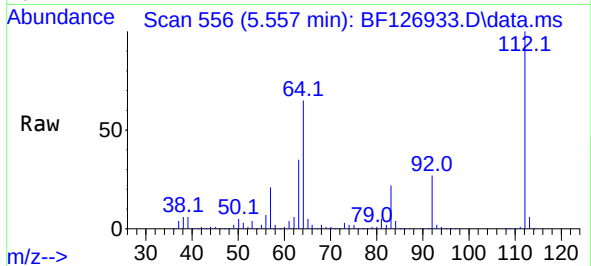
#5
2-Fluorophenol
Concen: 120.400 ng
RT: 5.557 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:112 Resp: 82627
Ion Ratio Lower Upper
112 100
64 65.2 49.5 74.3
63 34.7 23.9 35.9

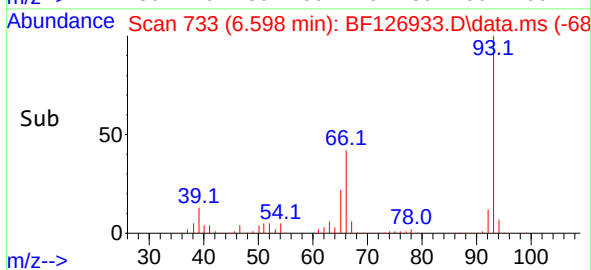
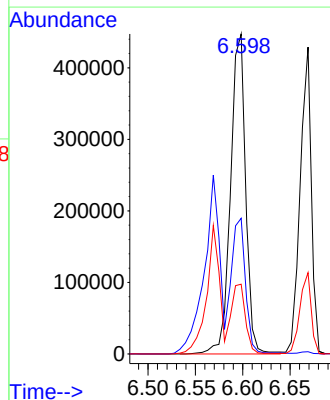
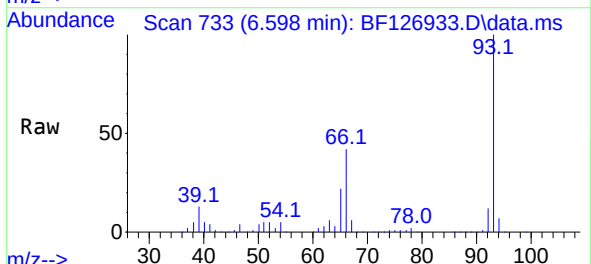
Manual Integrations
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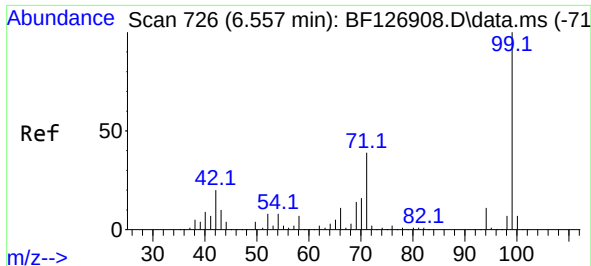
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#6
Aniline
Concen: 45.374 ng
RT: 6.598 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

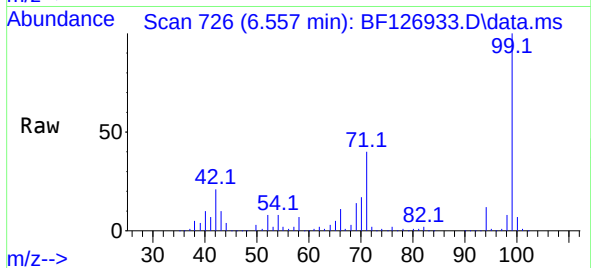
Tgt Ion: 93 Resp: 497844
Ion Ratio Lower Upper
93 100
66 42.4 32.2 48.4
65 21.8 16.3 24.5





#7
Phenol-d6
Concen: 122.067 ng
RT: 6.557 min Scan# 712
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

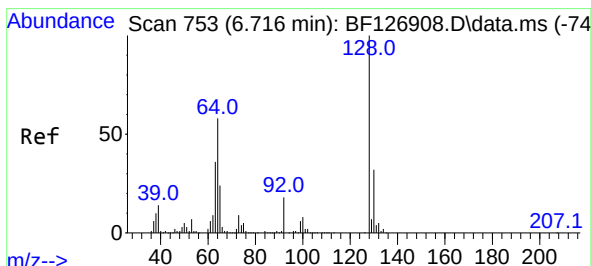
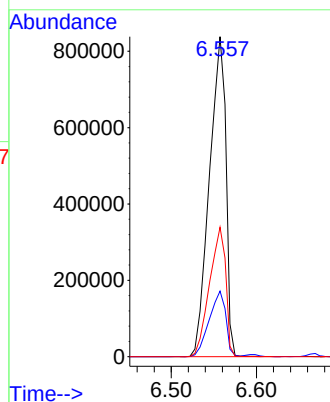
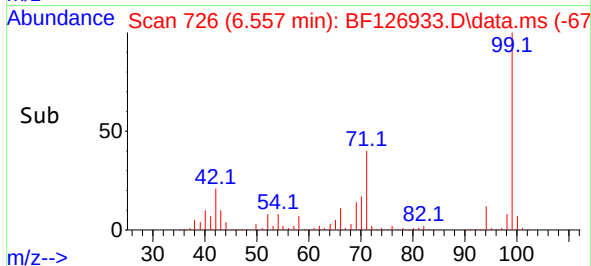
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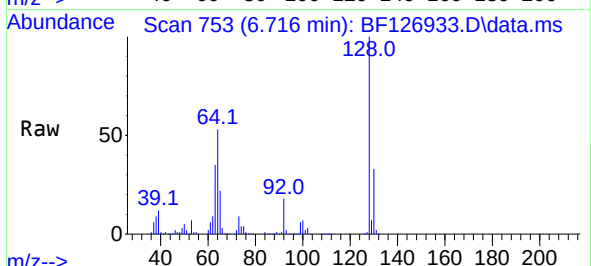
Tgt Ion: 99 Resp: 113037
Ion Ratio Lower Upper
99 100
42 20.5 14.2 21.4
71 40.5 24.3 36.5

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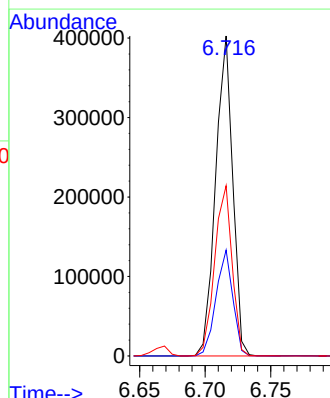
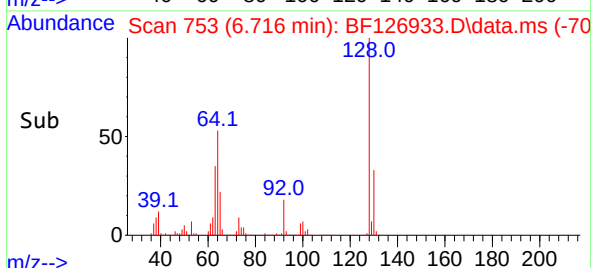
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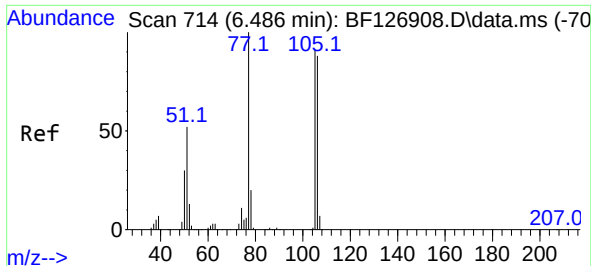


#8
2-Chlorophenol
Concen: 49.472 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



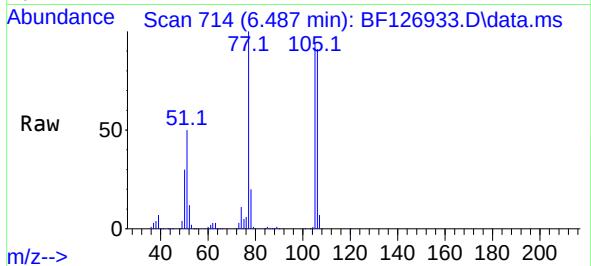
Tgt Ion:128 Resp: 364282
Ion Ratio Lower Upper
128 100
130 33.1 12.7 52.7
64 53.2 35.6 75.6





#9
Benzaldehyde
Concen: 41.154 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

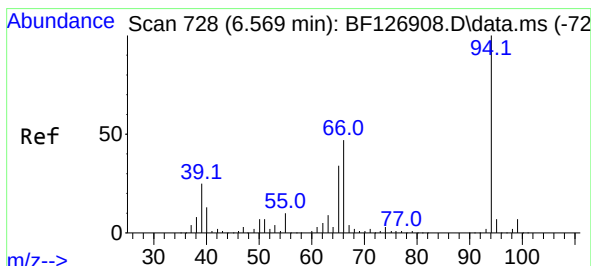
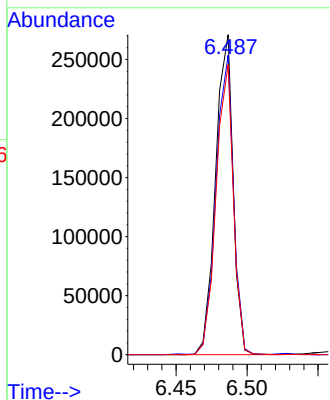
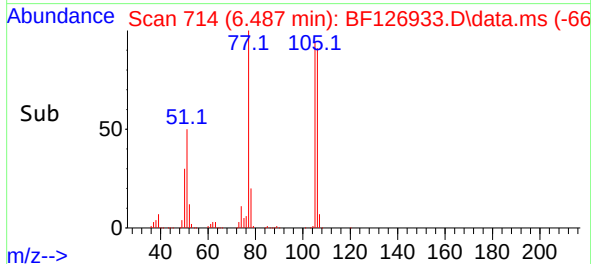
Instrument :
BNA_F
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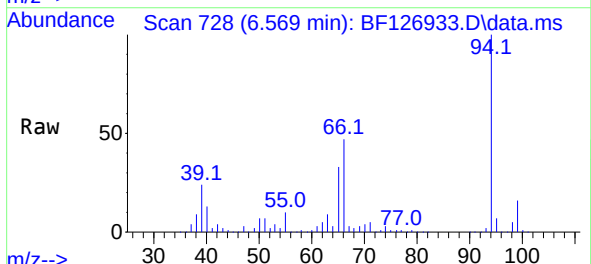
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Ion Ratio Lower Upper
77 100
105 93.6 74.9 114.9
106 90.6 72.4 112.4

Manual Integrations
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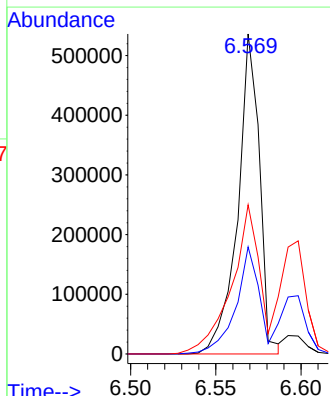
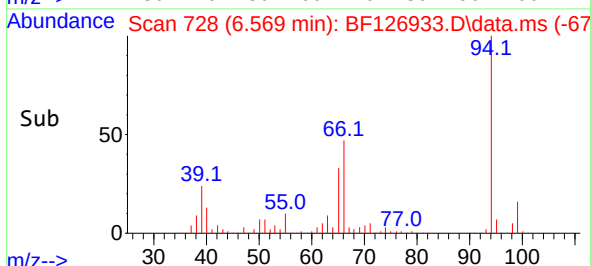
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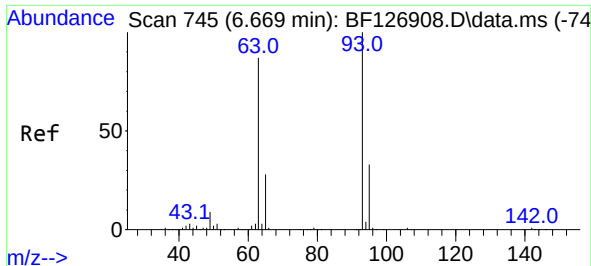


#10
Phenol
Concen: 50.845 ng
RT: 6.569 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



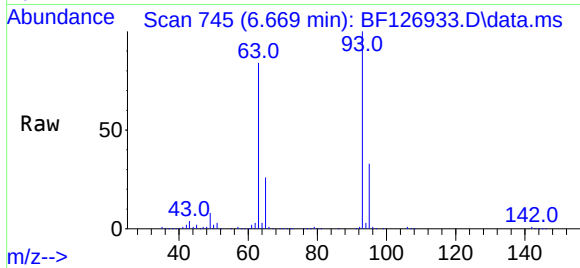
Tgt Ion: 94 Resp: 475746
Ion Ratio Lower Upper
94 100
65 33.5 7.2 47.2
66 46.6 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 47.708 ng
RT: 6.669 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

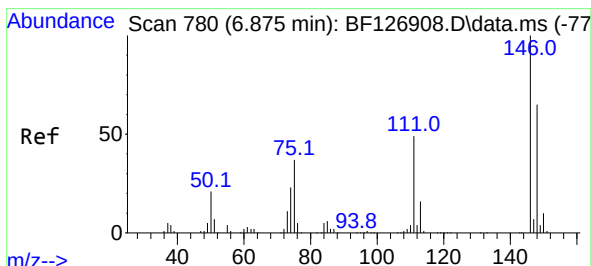
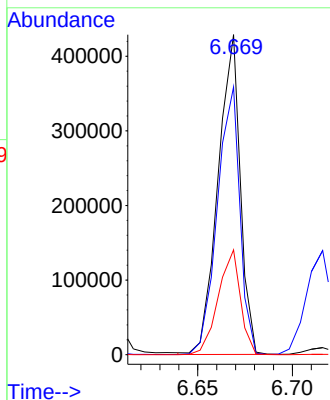
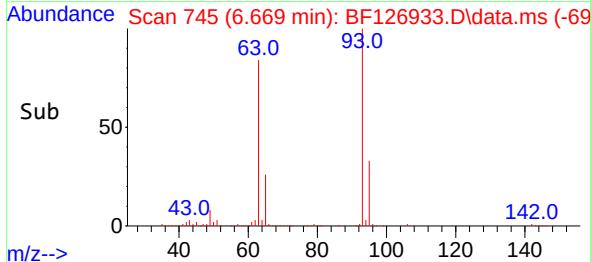
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



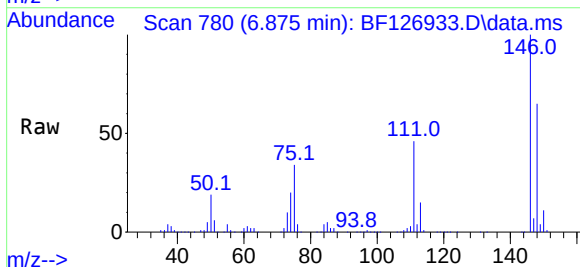
Tgt Ion: 93 Resp: 350125
Ion Ratio Lower Upper
93 100
63 83.6 60.5 100.5
95 32.8 12.9 52.9

Manual Integrations
APPROVED

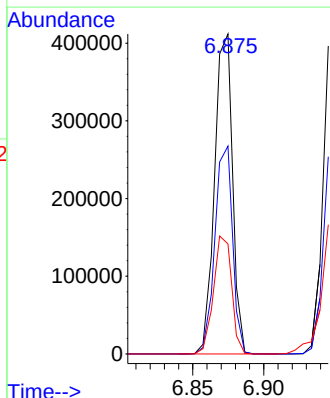
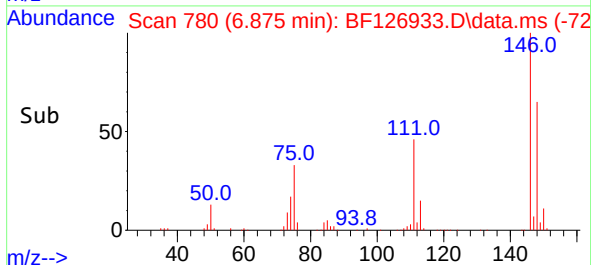
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

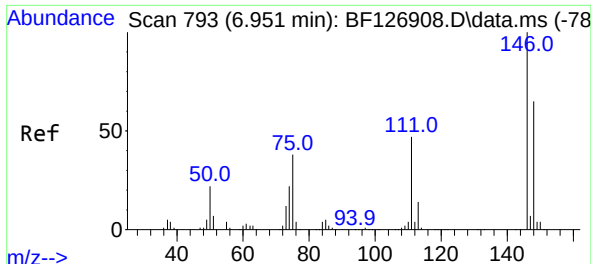


#12
1,3-Dichlorobenzene
Concen: 45.567 ng
RT: 6.875 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



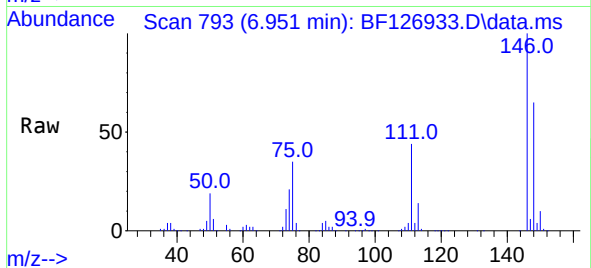
Tgt Ion:146 Resp: 361940
Ion Ratio Lower Upper
146 100
148 64.9 50.9 76.3
75 34.4 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 45.516 ng
RT: 6.951 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

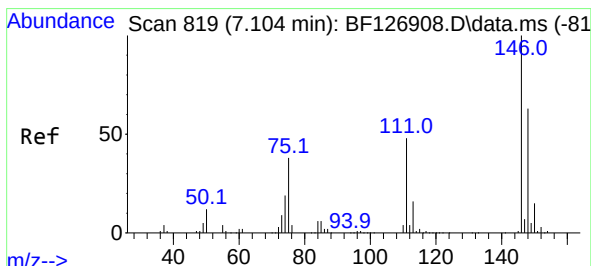
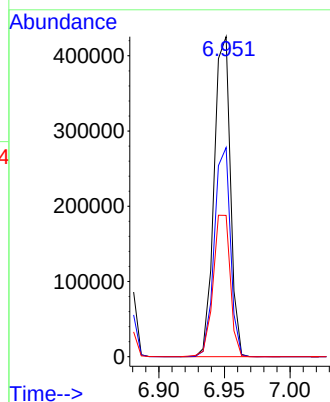
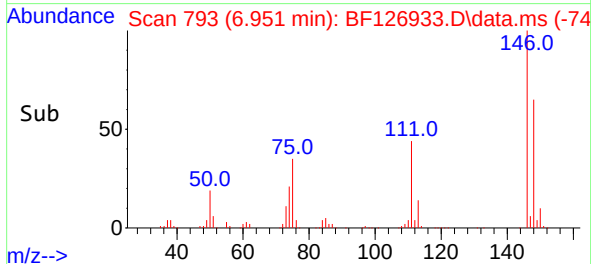
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



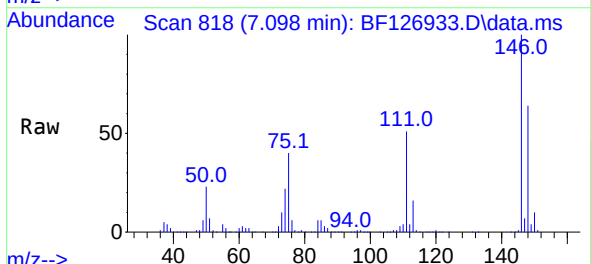
Tgt Ion:146 Resp: 366527
Ion Ratio Lower Upper
146 100
148 65.3 49.8 74.6
111 44.2 36.1 54.1

Manual Integrations
APPROVED

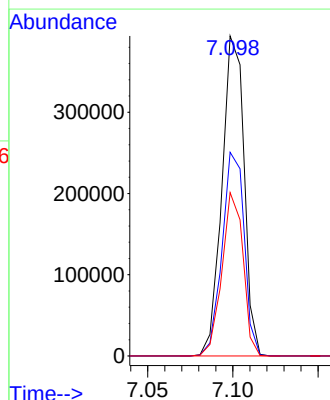
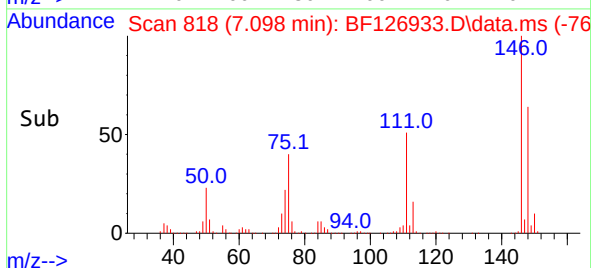
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

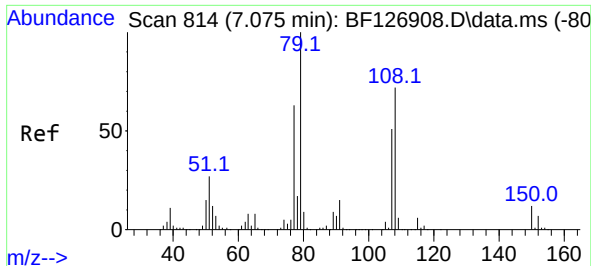


#14
1,2-Dichlorobenzene
Concen: 46.368 ng
RT: 7.098 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



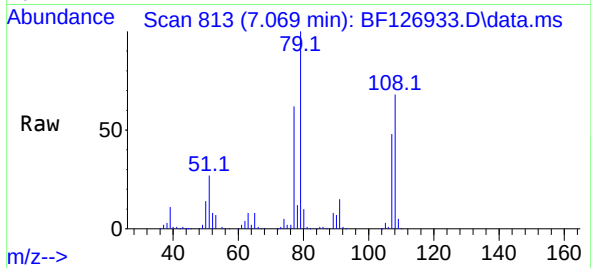
Tgt Ion:146 Resp: 356073
Ion Ratio Lower Upper
146 100
148 63.6 51.6 77.4
111 51.0 40.2 60.2





#15
Benzyl Alcohol
Concen: 48.683 ng
RT: 7.069 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

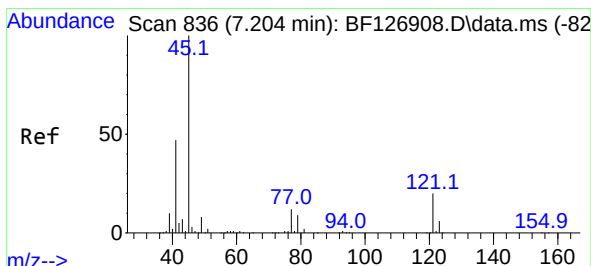
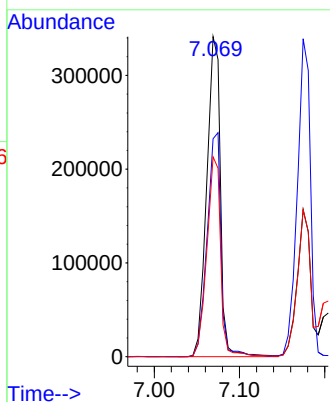
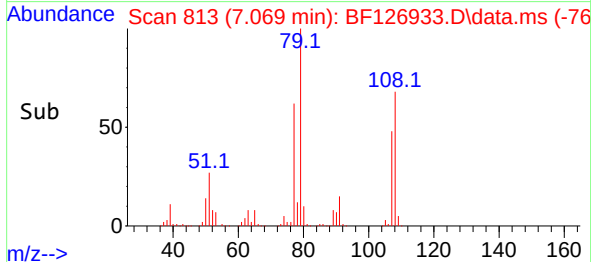
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



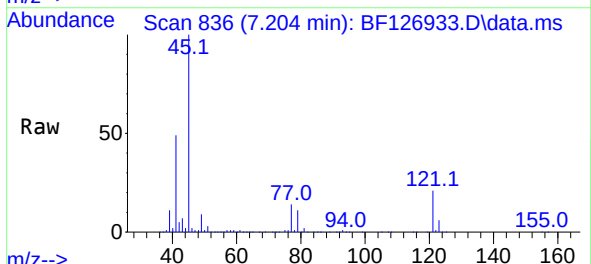
Tgt Ion: 79 Resp: 379789
Ion Ratio Lower Upper
79 100
108 68.1 63.2 94.8
77 62.5 49.4 74.2

Manual Integrations
APPROVED

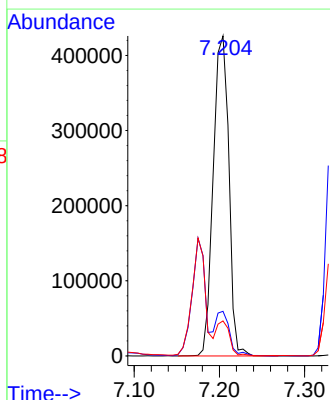
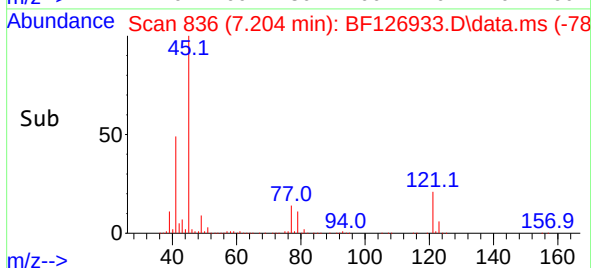
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

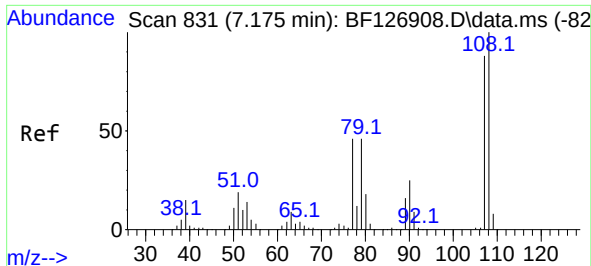


#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.029 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



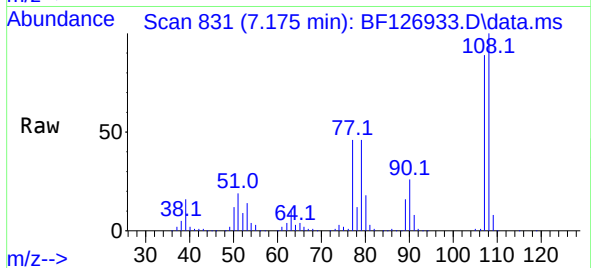
Tgt Ion: 45 Resp: 543482
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.4
79 10.9 0.0 29.8





#17
2-Methylphenol
Concen: 49.890 ng
RT: 7.175 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

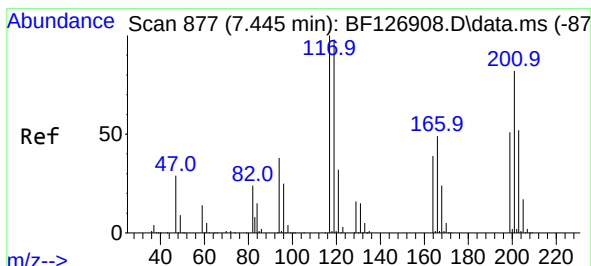
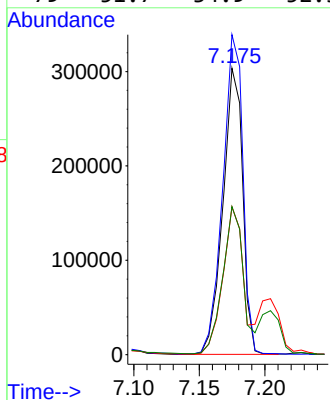
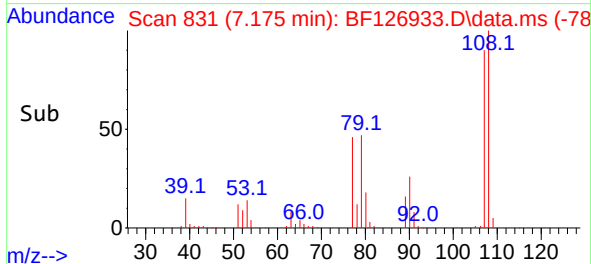
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



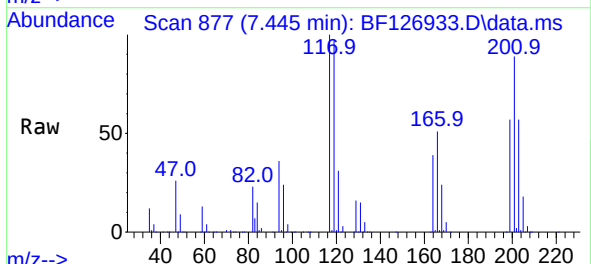
Tgt Ion:107 Resp: 31783
Ion Ratio Lower Upper
107 100
108 111.7 93.4 140.0
77 51.7 36.1 54.1
79 51.7 34.9 52.3

Manual Integrations
APPROVED

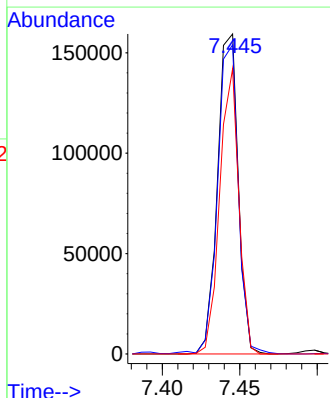
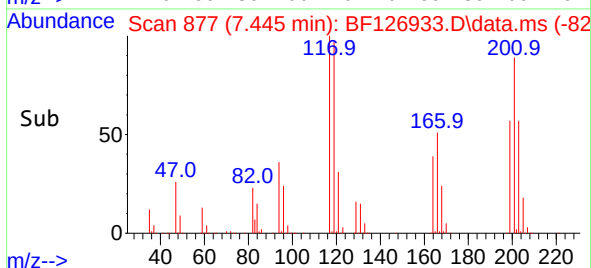
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

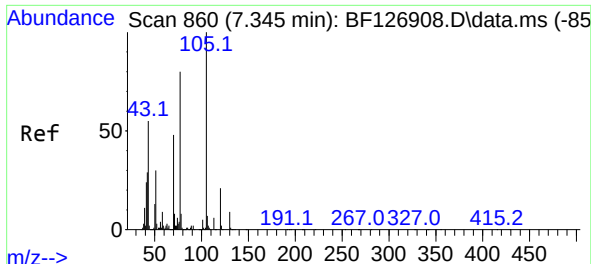


#18
Hexachloroethane
Concen: 48.023 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



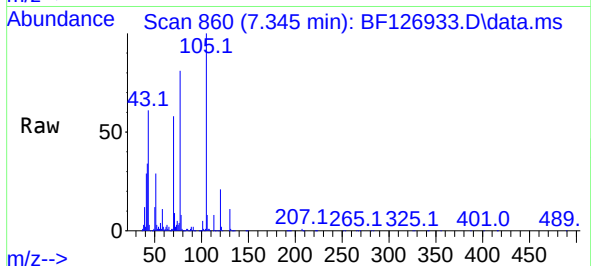
Tgt Ion:117 Resp: 148233
Ion Ratio Lower Upper
117 100
119 96.6 75.4 113.0
201 89.1 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 49.832 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

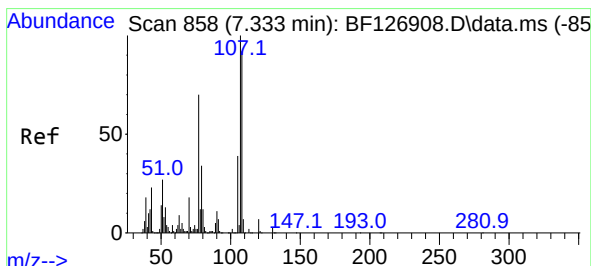
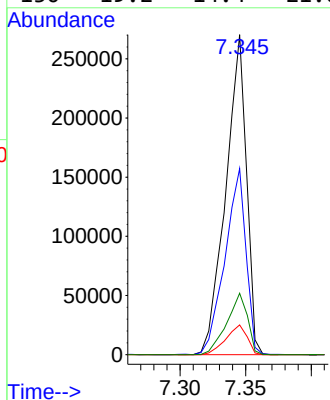
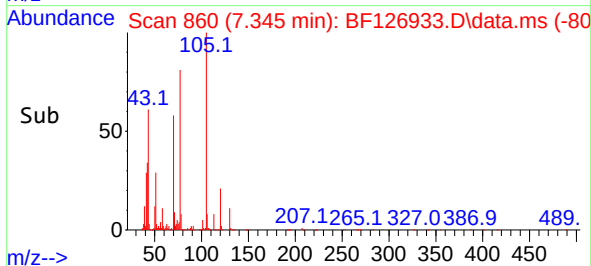
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



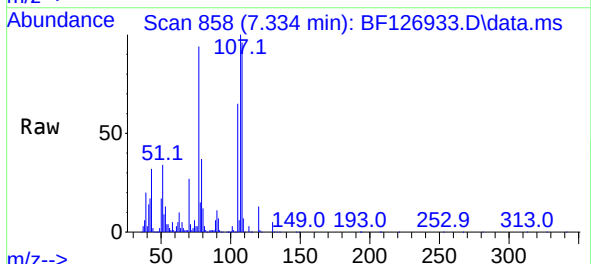
Tgt Ion: 70 Resp: 29735
Ion Ratio Lower Upper
70 100
42 58.1 45.8 68.8
101 9.3 6.9 10.3
130 19.2 14.4 21.6

Manual Integrations
APPROVED

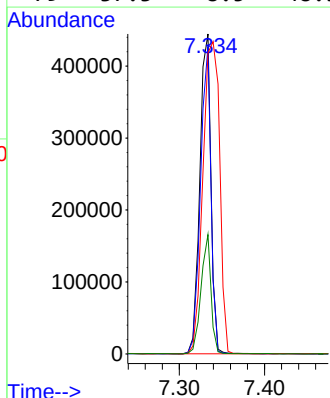
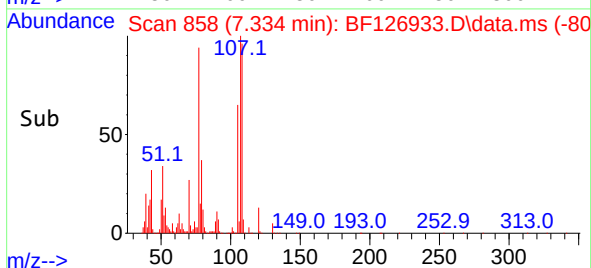
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

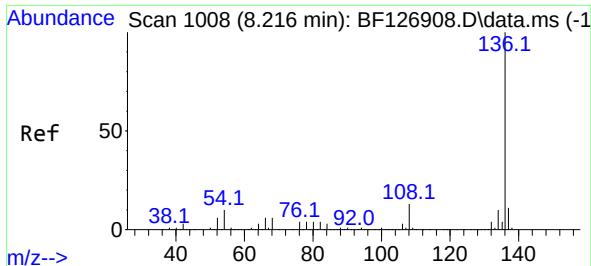


#20
3+4-Methylphenols
Concen: 48.771 ng
RT: 7.334 min Scan# 858
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



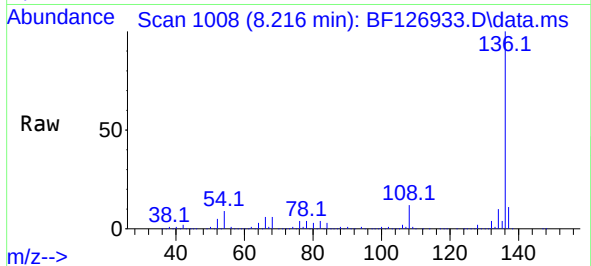
Tgt Ion:107 Resp: 403470
Ion Ratio Lower Upper
107 100
108 96.1 72.4 112.4
77 94.1 83.8 123.8
79 37.3 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

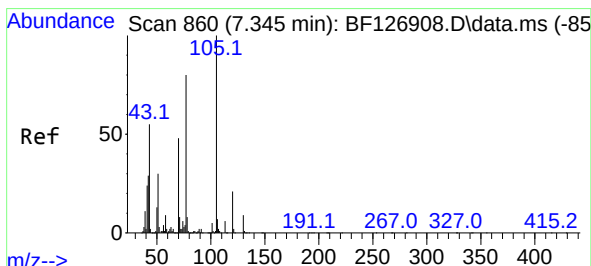
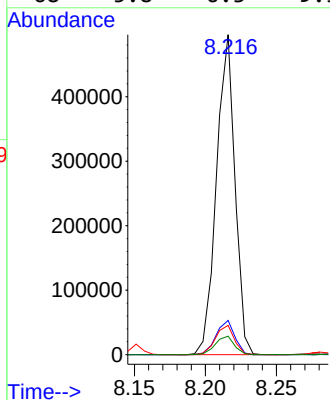
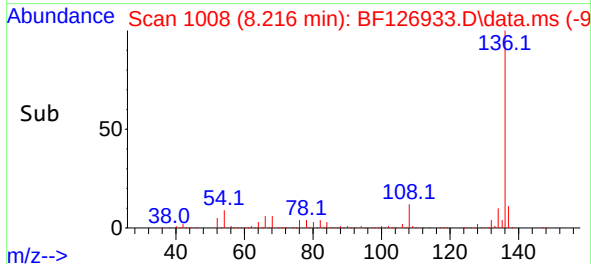
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



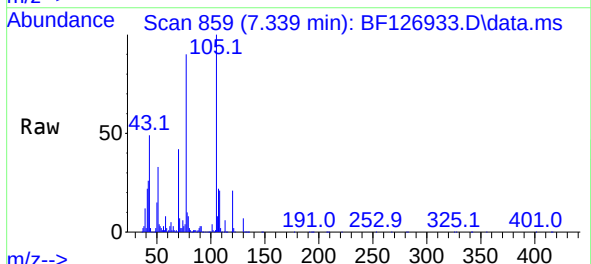
Tgt Ion:136 Resp: 44828
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.1 7.8 11.6
68 5.8 6.3 9.5#

Manual Integrations
APPROVED

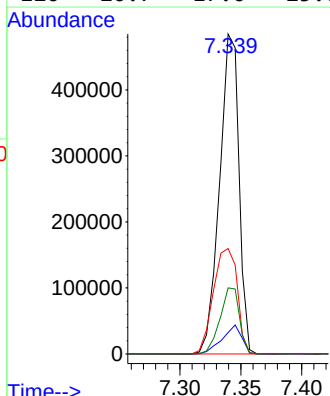
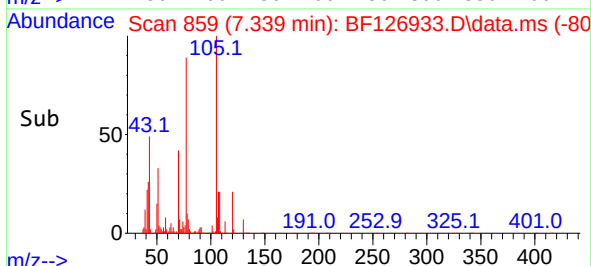
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

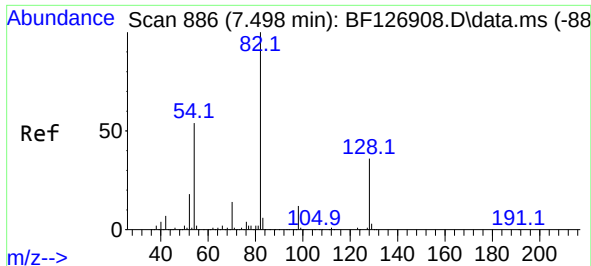


#22
Acetophenone
Concen: 45.661 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



Tgt Ion:105 Resp: 538941
Ion Ratio Lower Upper
105 100
71 6.7 5.4 8.0
51 32.9 27.4 41.0
120 20.7 17.0 25.6





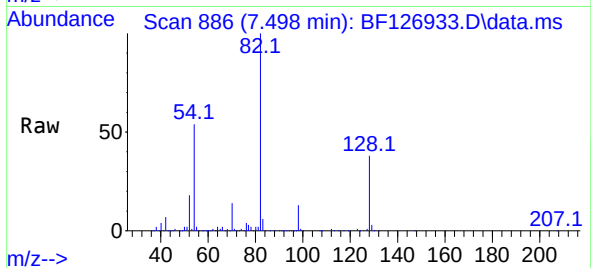
#23
Nitrobenzene-d5
Concen: 81.311 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

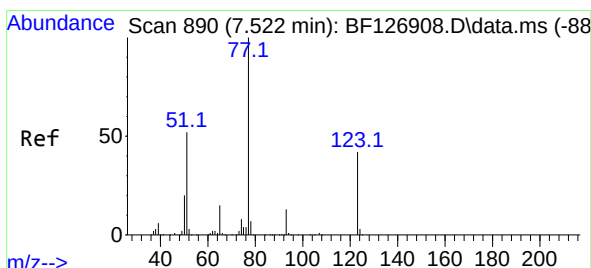
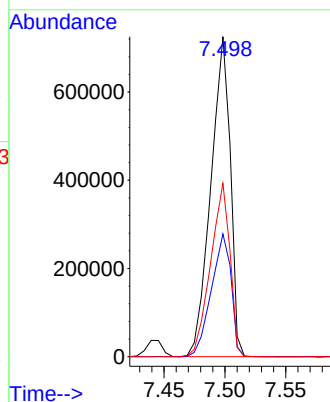
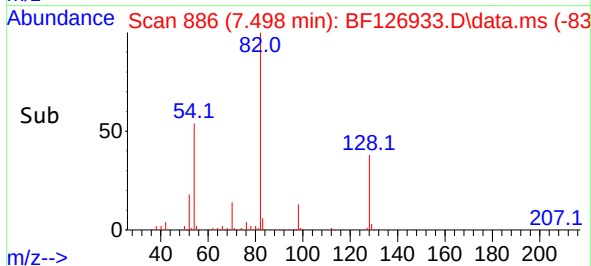


Tgt Ion: 82 Resp: 807548
Ion Ratio Lower Upper
82 100
128 38.3 32.7 49.1
54 54.2 41.7 62.5

Manual Integrations

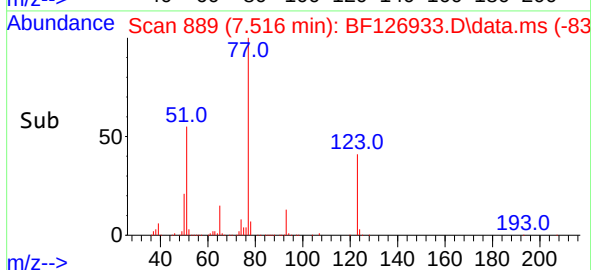
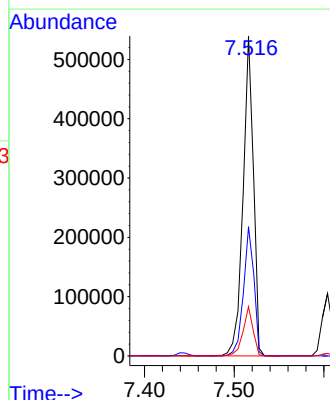
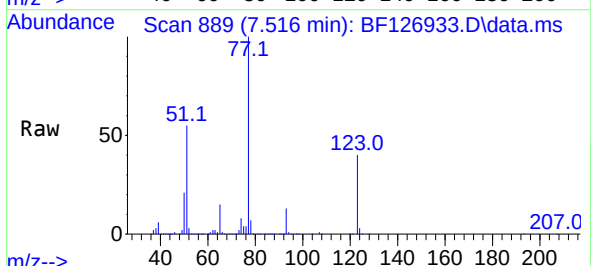
APPROVED

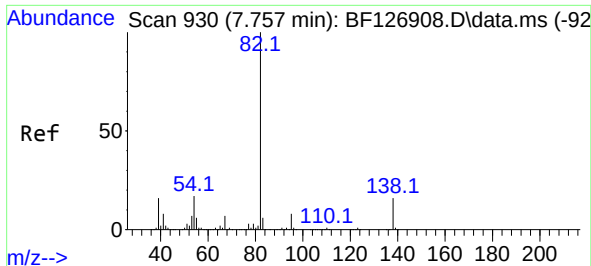
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#24
Nitrobenzene
Concen: 46.294 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

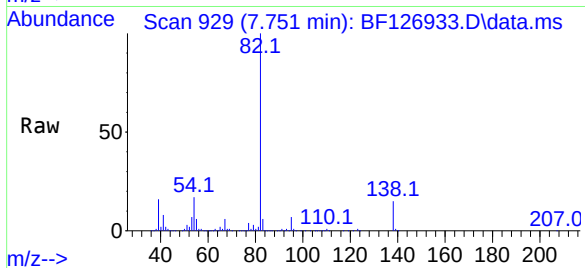
Tgt Ion: 77 Resp: 434338
Ion Ratio Lower Upper
77 100
123 40.4 34.6 52.0
65 15.4 10.6 15.8





#25
Isophorone
Concen: 49.891 ng
RT: 7.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

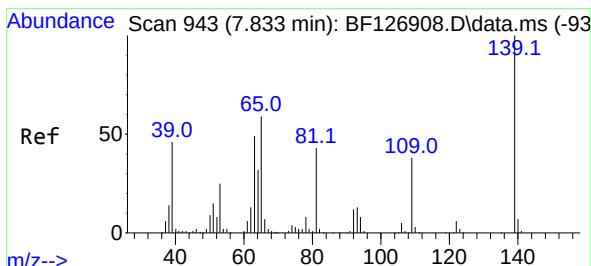
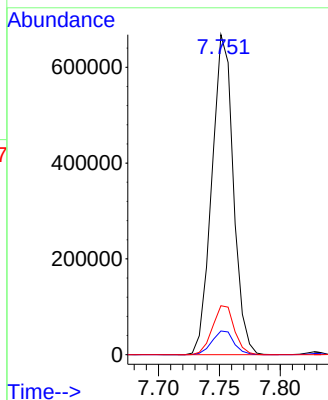
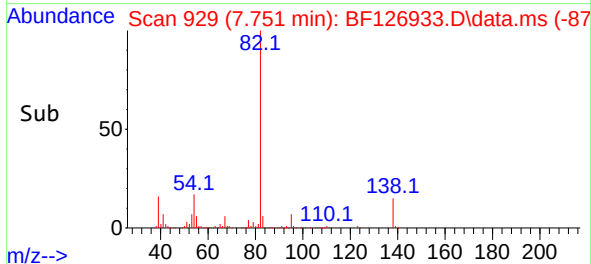
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



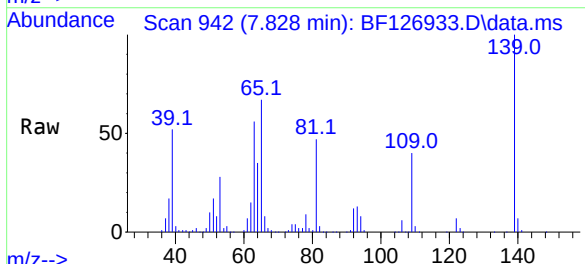
Tgt Ion: 82 Resp: 819928
Ion Ratio Lower Upper
82 100
95 7.4 5.0 7.4
138 15.3 12.3 18.5

Manual Integrations
APPROVED

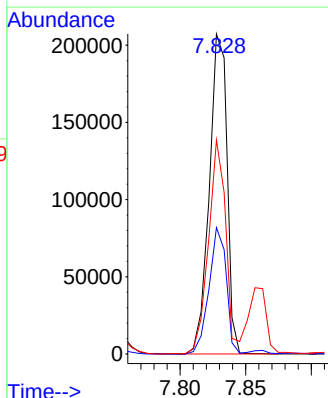
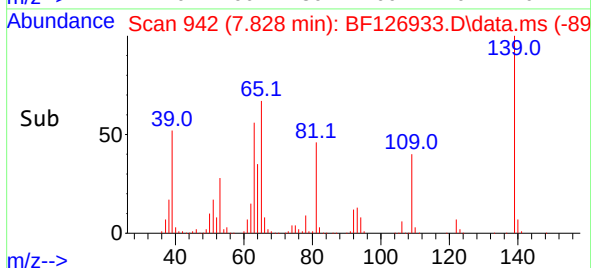
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

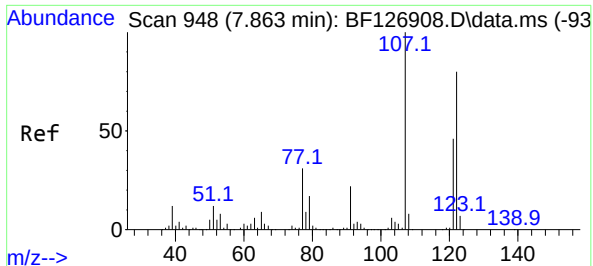


#26
2-Nitrophenol
Concen: 48.866 ng
RT: 7.828 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



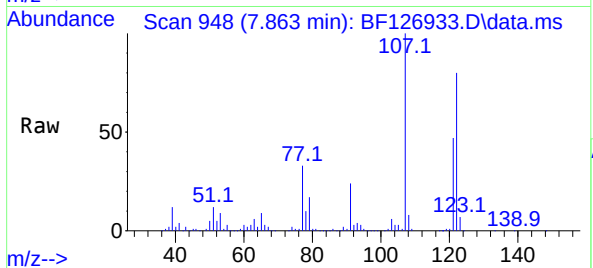
Tgt Ion:139 Resp: 195200
Ion Ratio Lower Upper
139 100
109 39.5 20.0 30.0#
65 66.9 40.8 61.2#





#27
2,4-Dimethylphenol
Concen: 53.809 ng
RT: 7.863 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

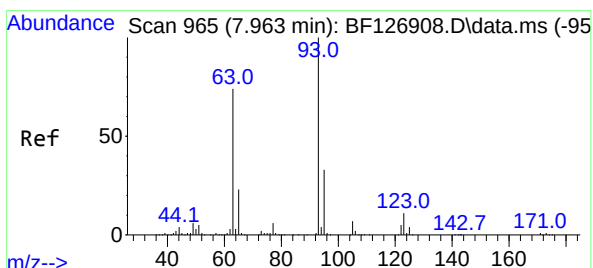
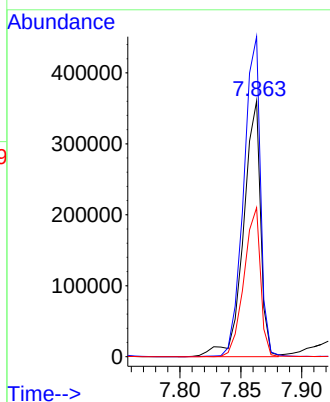
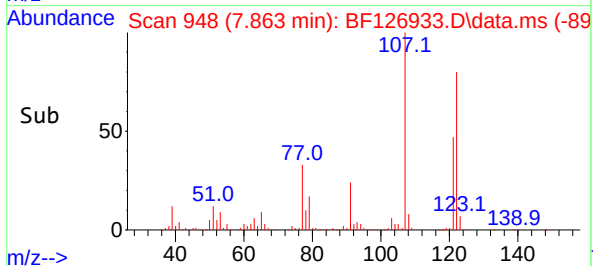
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



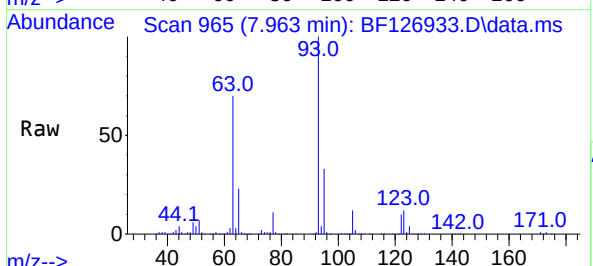
Tgt Ion:122 Resp: 353112
Ion Ratio Lower Upper
122 100
107 125.1 91.2 136.8
121 58.2 44.4 66.6

Manual Integrations
APPROVED

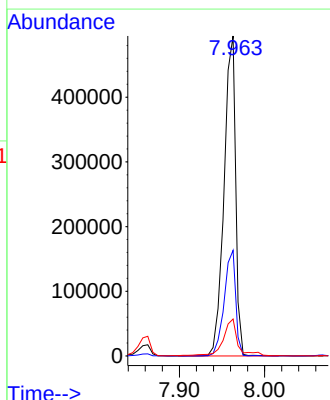
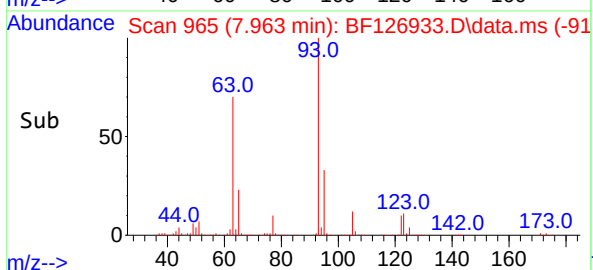
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

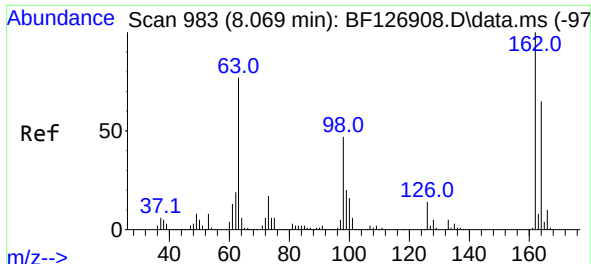


#28
bis(2-Chloroethoxy)methane
Concen: 46.904 ng
RT: 7.963 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



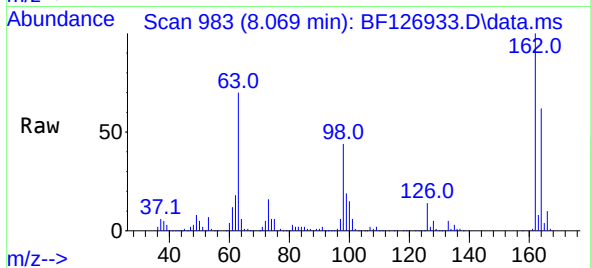
Tgt Ion: 93 Resp: 467318
Ion Ratio Lower Upper
93 100
95 33.0 25.4 38.2
123 11.5 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 48.040 ng
RT: 8.069 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

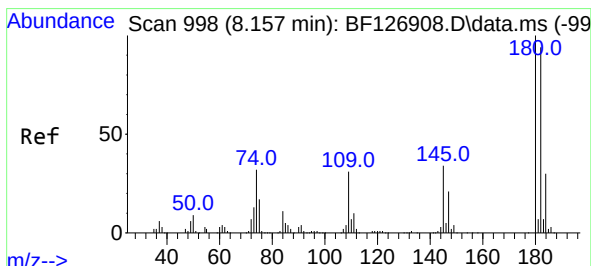
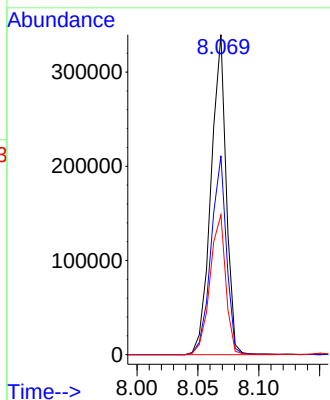
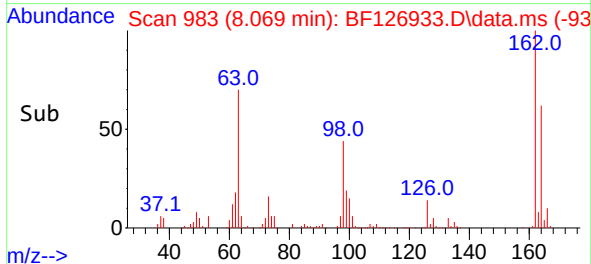
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



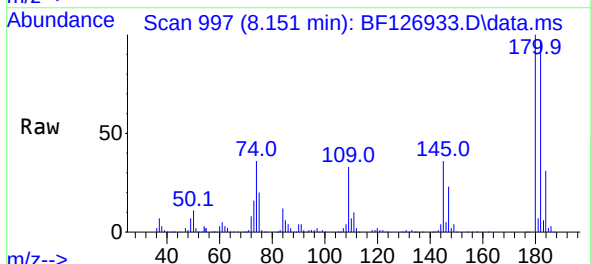
Tgt Ion:162 Resp: 296392
Ion Ratio Lower Upper
162 100
164 62.2 43.8 83.8
98 43.7 23.6 63.6

Manual Integrations
APPROVED

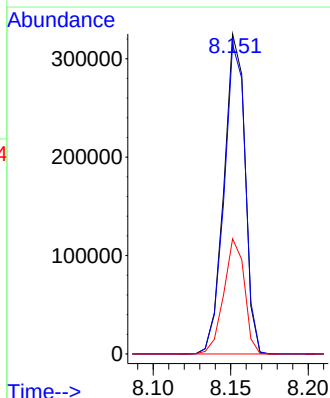
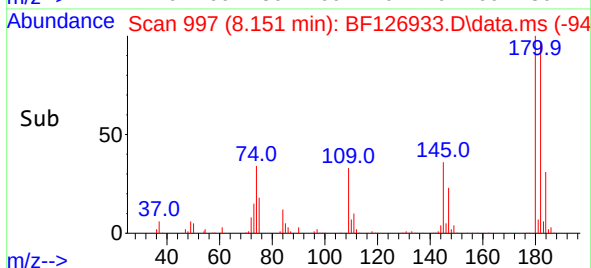
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

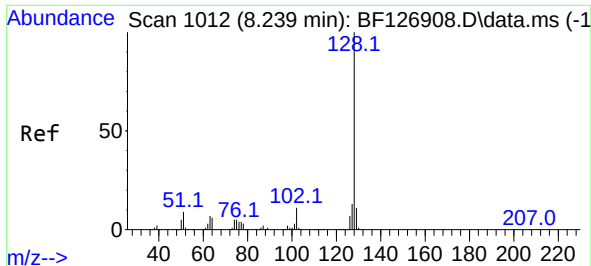


#30
1,2,4-Trichlorobenzene
Concen: 44.529 ng
RT: 8.151 min Scan# 997
Delta R.T. -0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



Tgt Ion:180 Resp: 307148
Ion Ratio Lower Upper
180 100
182 96.8 75.5 113.3
145 36.0 26.2 39.2





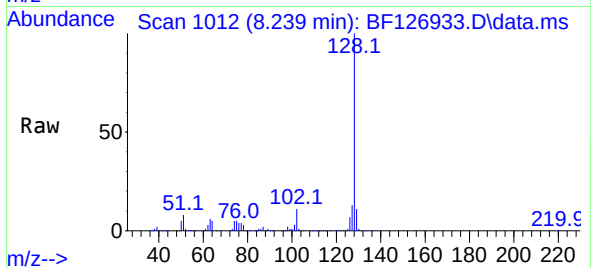
#31
Naphthalene
Concen: 57.986 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

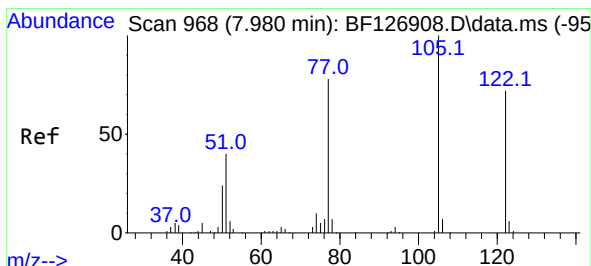
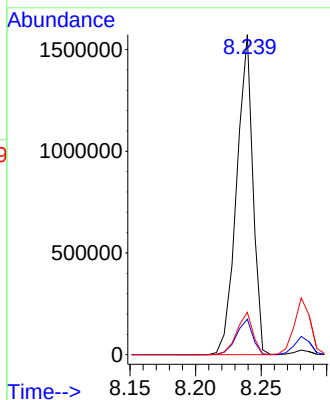
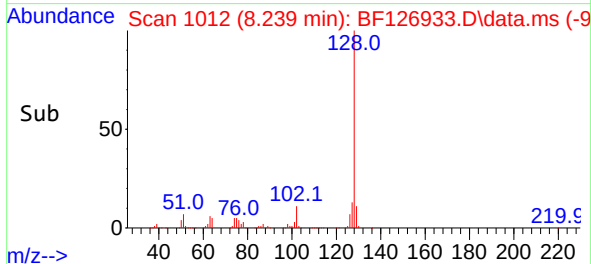


Tgt Ion:128 Resp: 135695
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.3 15.5

Manual Integrations

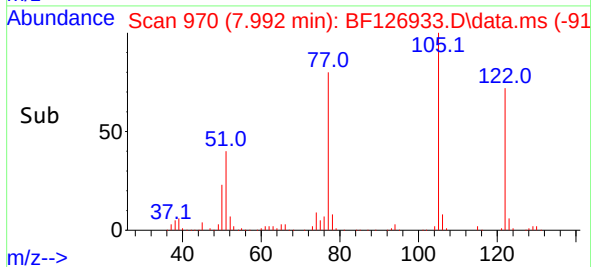
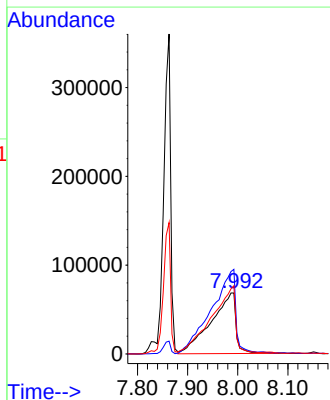
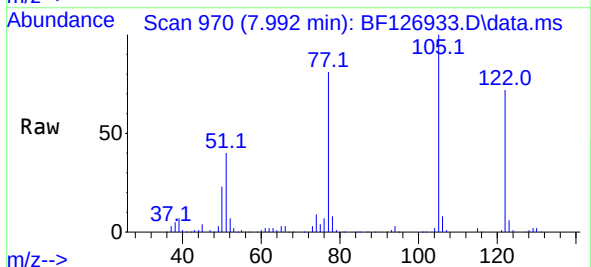
APPROVED

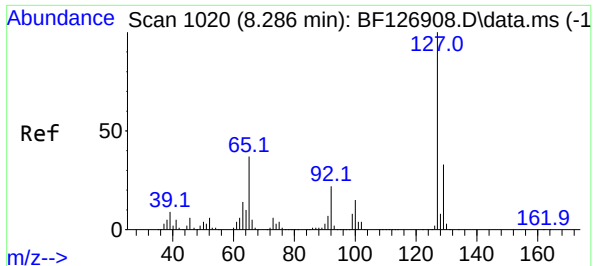
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#32
Benzoic acid
Concen: 50.982 ng
RT: 7.992 min Scan# 970
Delta R.T. 0.012 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

Tgt Ion:122 Resp: 237269
Ion Ratio Lower Upper
122 100
105 138.6 101.0 141.0
77 111.6 74.5 114.5





#33

4-Chloroaniline

Concen: 26.414 ng

RT: 8.281 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF126933.D

Acq: 17 Feb 2022 18:17

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

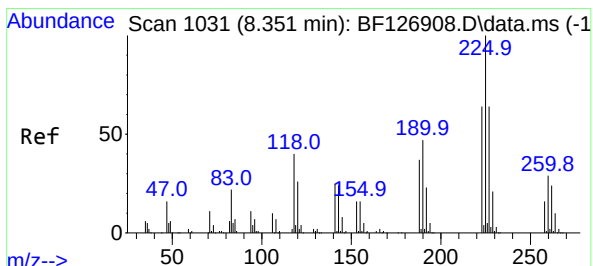
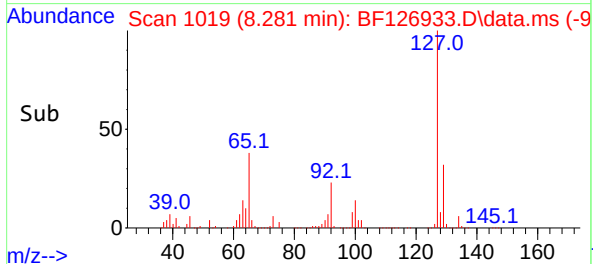
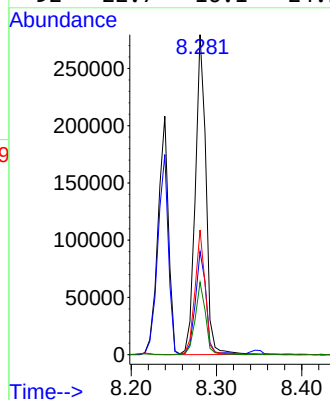
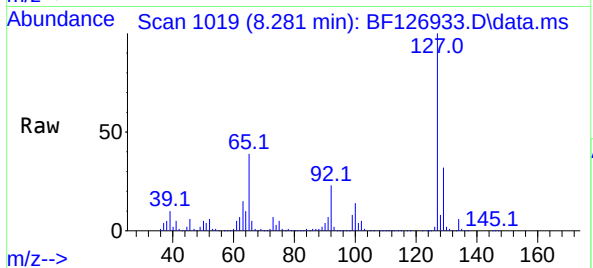
Tgt Ion:	127	Resp:	24329
Ion Ratio	Lower	Upper	
127	100		
129	32.2	26.5	39.7
65	39.0	26.6	39.8
92	22.7	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/18/2022

Supervised By :Jagrut Upadhyay 02/18/2022



#34

Hexachlorobutadiene

Concen: 45.086 ng

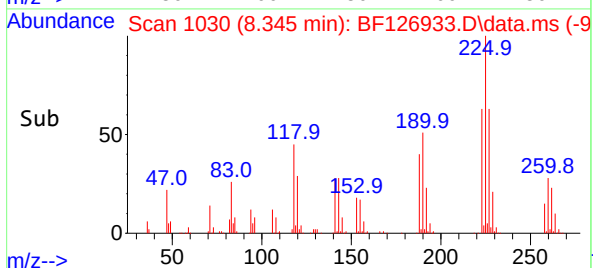
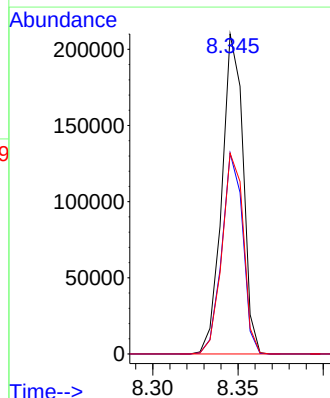
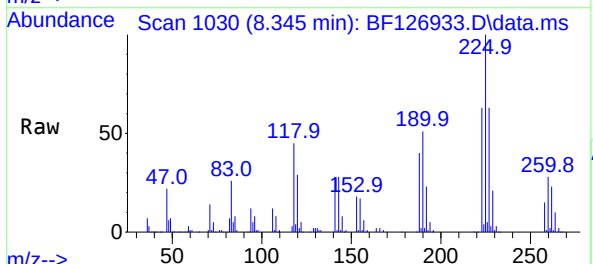
RT: 8.345 min Scan# 1030

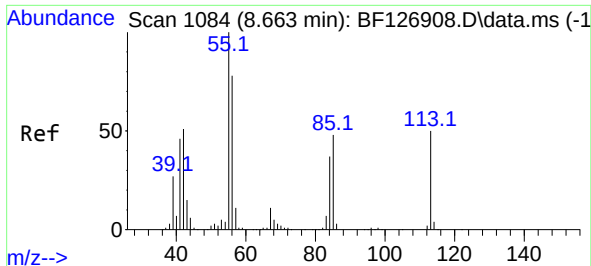
Delta R.T. -0.006 min

Lab File: BF126933.D

Acq: 17 Feb 2022 18:17

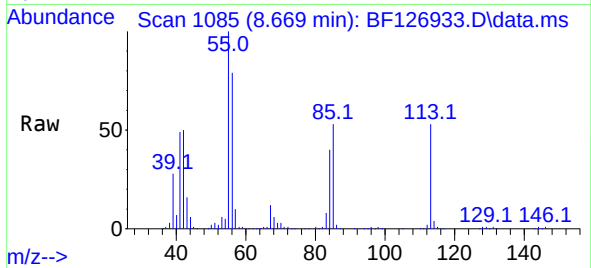
Tgt Ion:	225	Resp:	181559
Ion Ratio	Lower	Upper	
225	100		
223	62.7	48.6	73.0
227	62.7	51.4	77.0





#35
Caprolactam
Concen: 49.544 ng m
RT: 8.669 min Scan# 1084
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

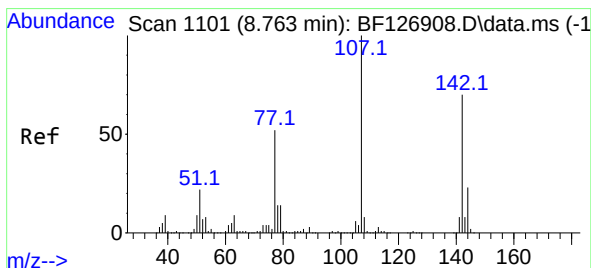
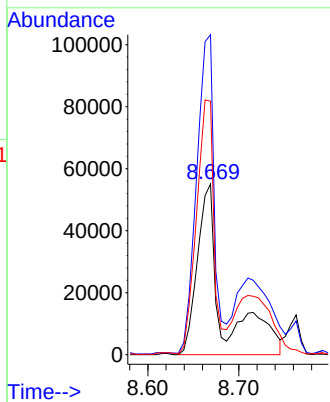
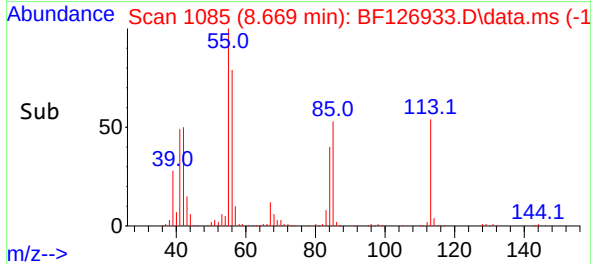
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:113 Resp: 106743
Ion Ratio Lower Upper
113 100
55 187.5 183.9 223.9
56 148.5 129.9 169.9

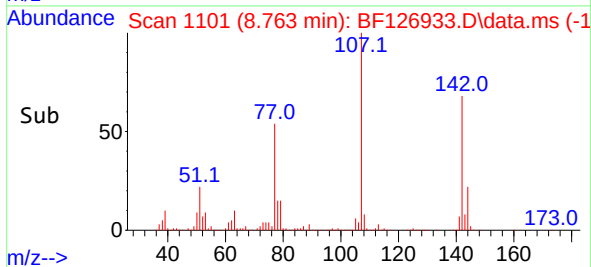
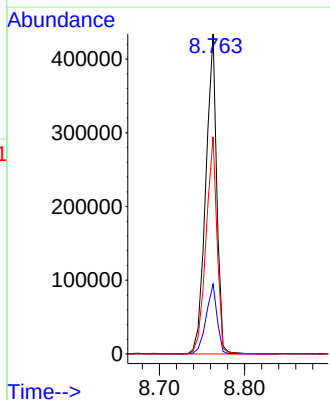
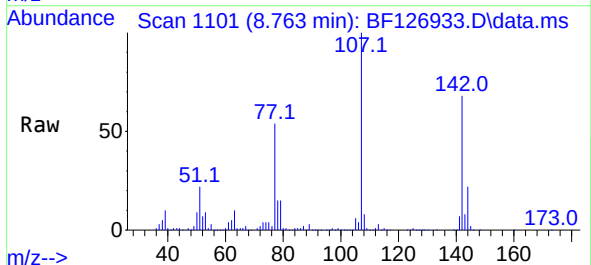
Manual Integrations
APPROVED

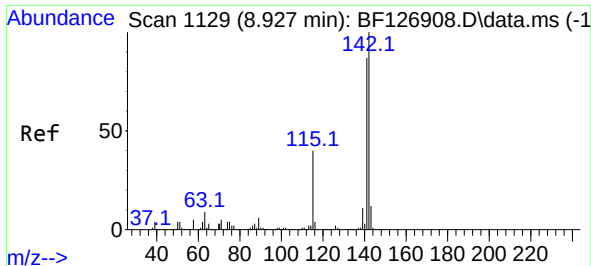
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#36
4-Chloro-3-methylphenol
Concen: 49.175 ng
RT: 8.763 min Scan# 1101
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

Tgt Ion:107 Resp: 387743
Ion Ratio Lower Upper
107 100
144 21.9 18.5 27.7
142 67.9 58.1 87.1





#37

2-Methylnaphthalene

Concen: 62.536 ng

RT: 8.928 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF126933.D

Acq: 17 Feb 2022 18:17

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:142 Resp: 949590

Ion Ratio Lower Upper

142 100

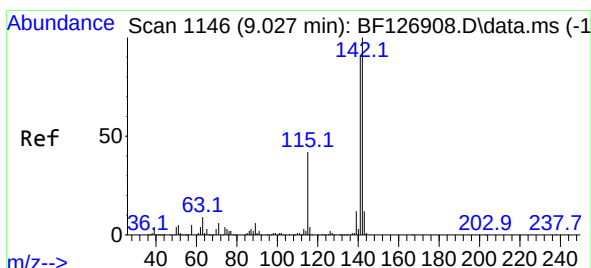
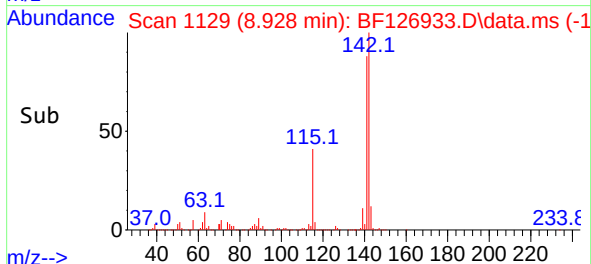
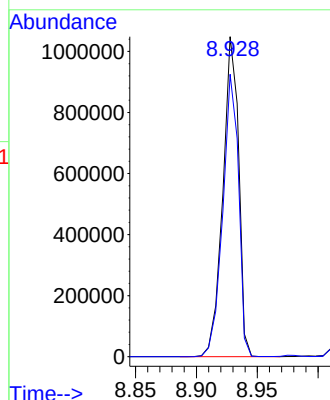
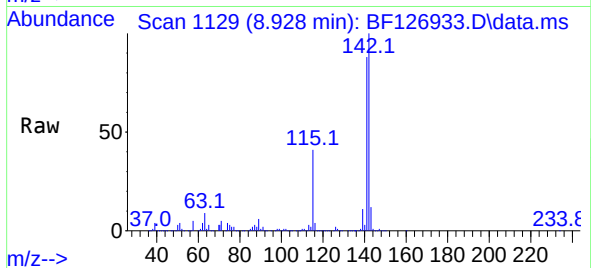
141 88.2 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 02/18/2022

Supervised By :Jagrut Upadhyay 02/18/2022



#38

1-Methylnaphthalene

Concen: 58.210 ng

RT: 9.028 min Scan# 1146

Delta R.T. 0.000 min

Lab File: BF126933.D

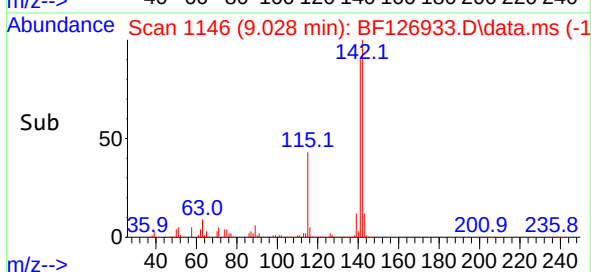
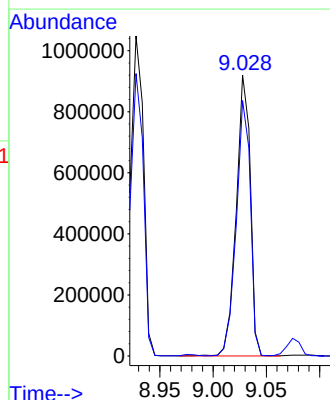
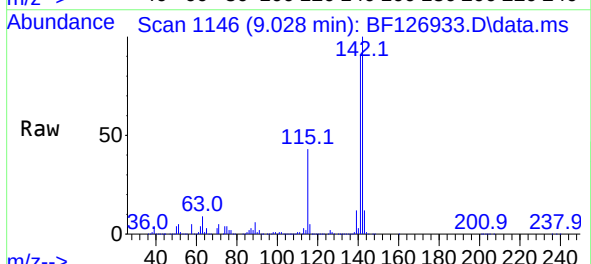
Acq: 17 Feb 2022 18:17

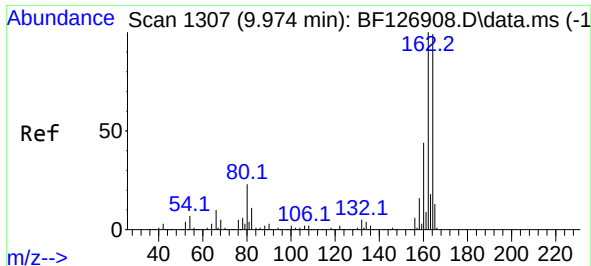
Tgt Ion:142 Resp: 846424

Ion Ratio Lower Upper

142 100

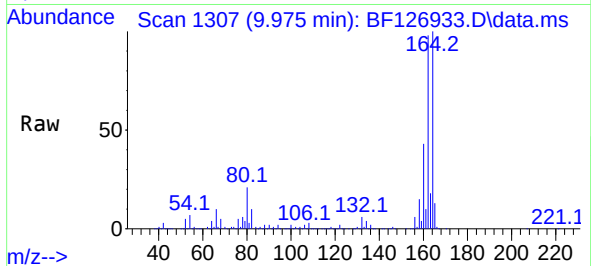
141 90.9 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

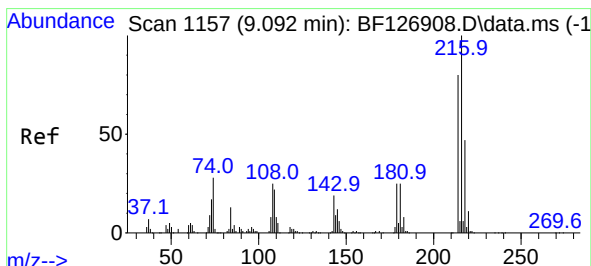
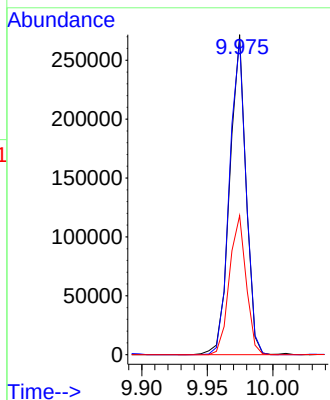
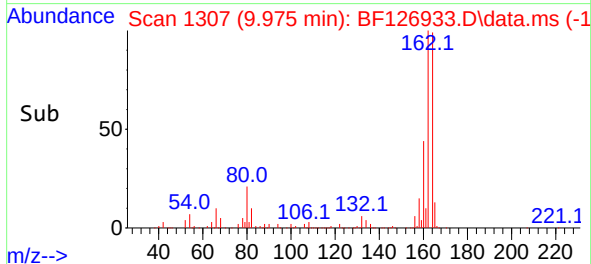
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



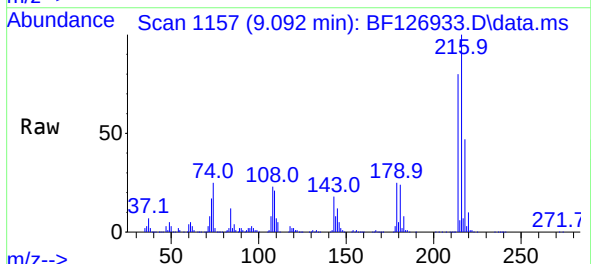
Tgt Ion:164 Resp: 233920
Ion Ratio Lower Upper
164 100
162 98.2 81.4 122.0
160 43.5 36.6 54.8

Manual Integrations
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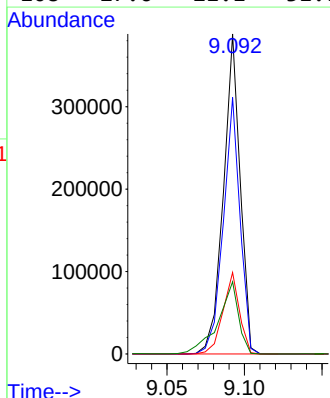
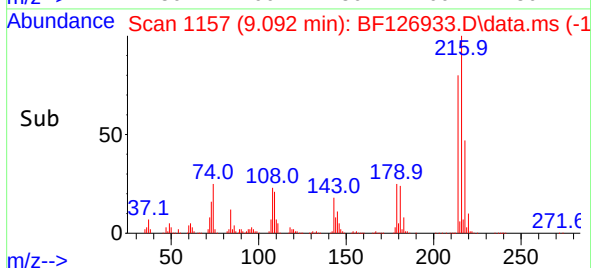
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

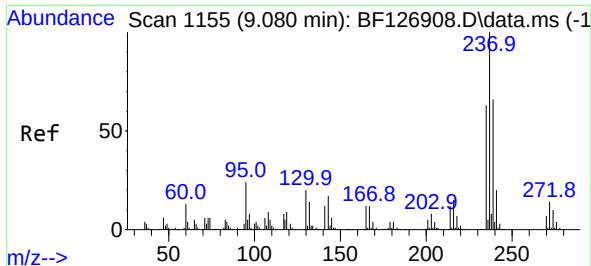


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.376 ng
RT: 9.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



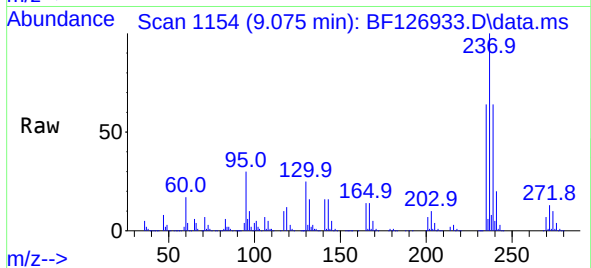
Tgt Ion:216 Resp: 291728
Ion Ratio Lower Upper
216 100
214 79.8 64.6 96.8
179 25.1 19.5 29.3
108 27.6 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 104.196 ng
RT: 9.075 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

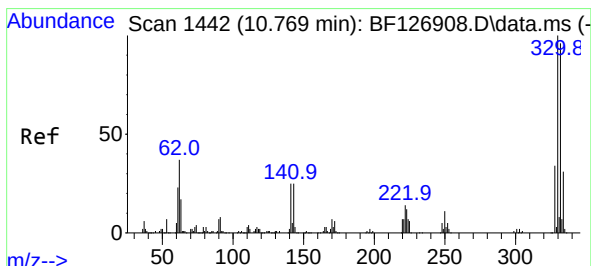
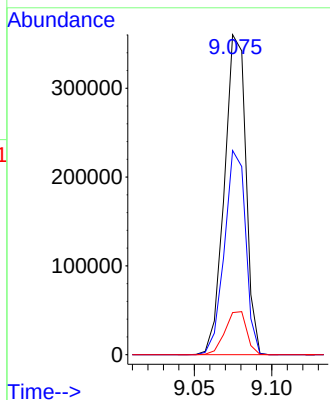
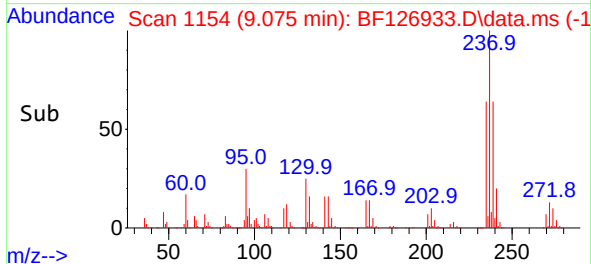
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



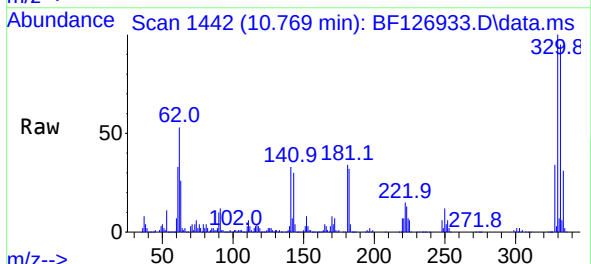
Tgt Ion:237 Resp: 34798
Ion Ratio Lower Upper
237 100
235 63.8 38.9 78.9
272 13.2 0.0 33.5

Manual Integrations
APPROVED

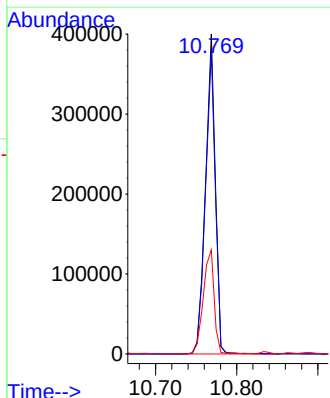
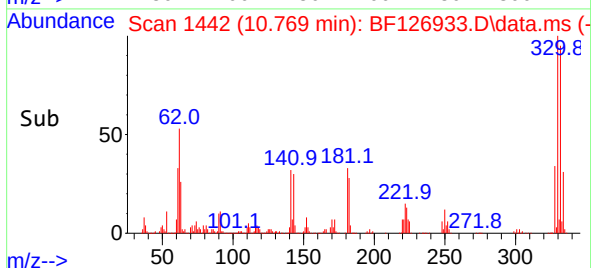
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

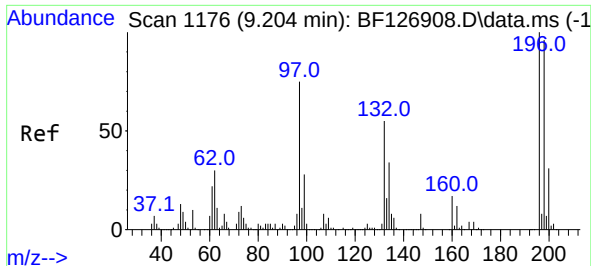


#42
2,4,6-Tribromophenol
Concen: 125.193 ng
RT: 10.769 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



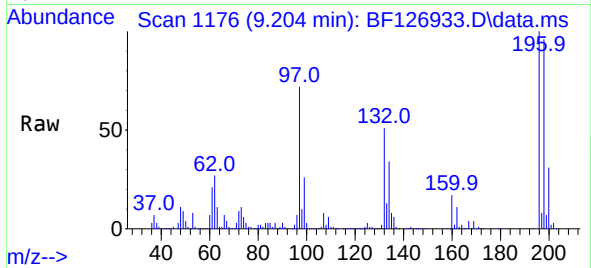
Tgt Ion:330 Resp: 337188
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 35.8 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 47.273 ng
RT: 9.204 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

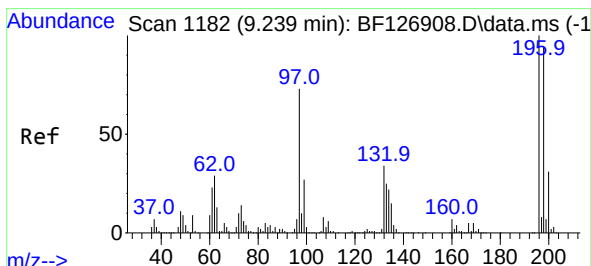
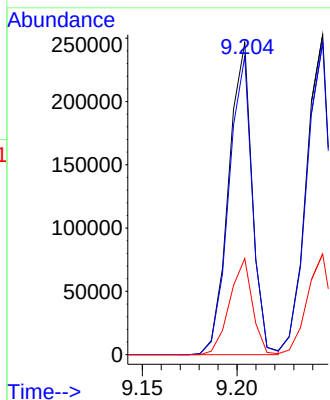
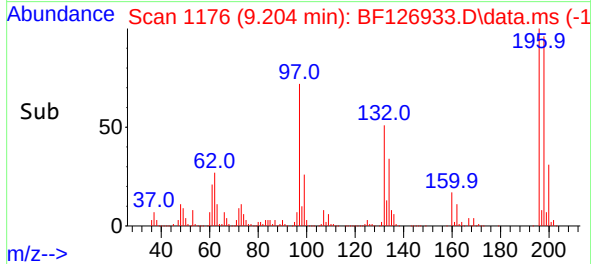
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



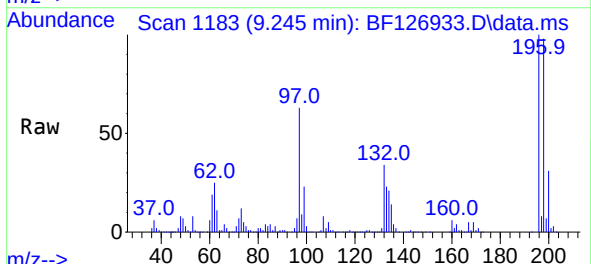
Tgt Ion:196 Resp: 213500
Ion Ratio Lower Upper
196 100
198 95.7 78.5 117.7
200 30.8 24.9 37.3

Manual Integrations
APPROVED

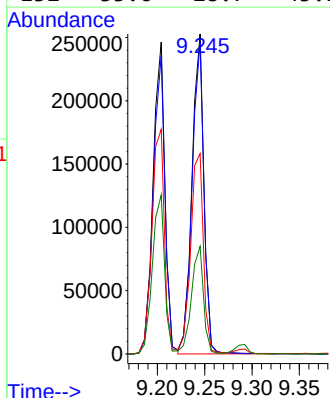
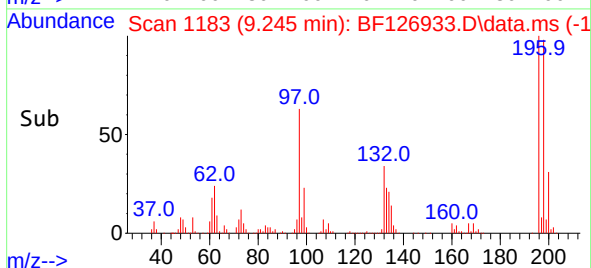
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

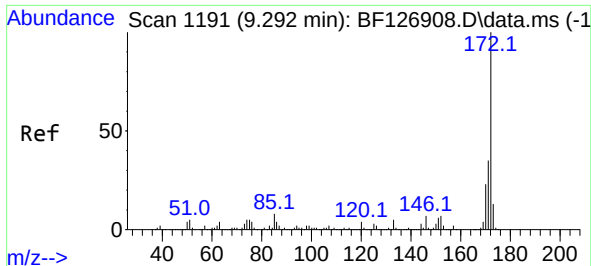


#44
2,4,5-Trichlorophenol
Concen: 46.767 ng
RT: 9.245 min Scan# 1183
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



Tgt Ion:196 Resp: 222263
Ion Ratio Lower Upper
196 100
198 97.5 82.0 123.0
97 62.6 53.5 80.3
132 33.6 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 79.176 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF126933.D

Acq: 17 Feb 2022 18:17

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:172 Resp: 125811

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

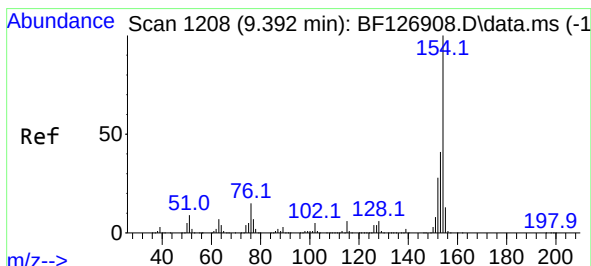
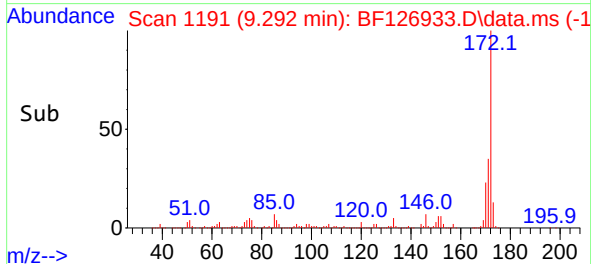
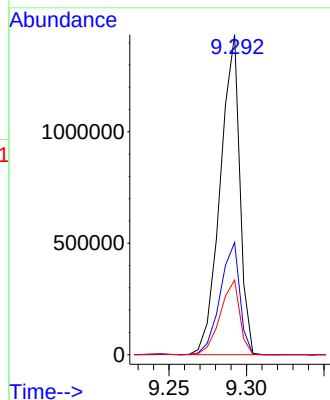
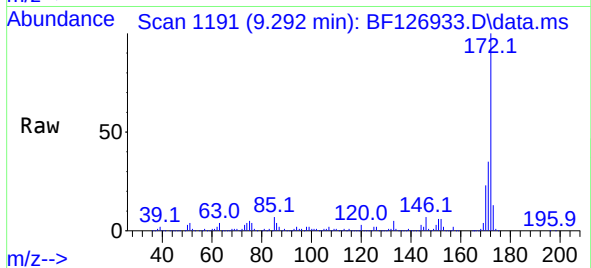
170 23.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/18/2022

Supervised By :Jagrut Upadhyay 02/18/2022



#46

1,1'-Biphenyl

Concen: 50.745 ng

RT: 9.392 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF126933.D

Acq: 17 Feb 2022 18:17

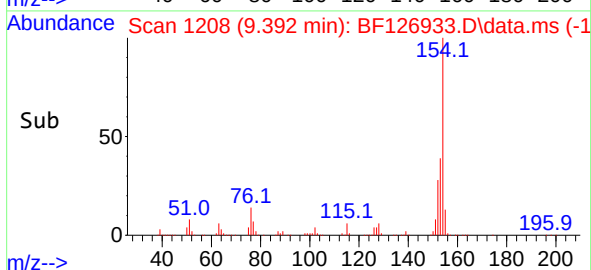
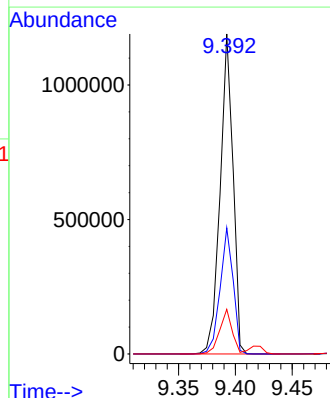
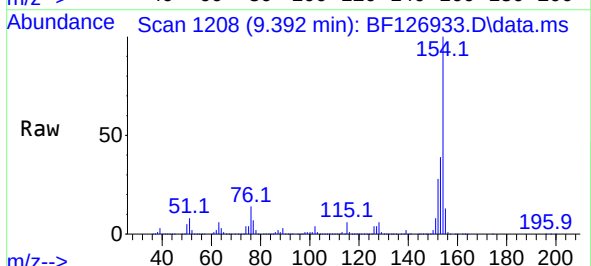
Tgt Ion:154 Resp: 940481

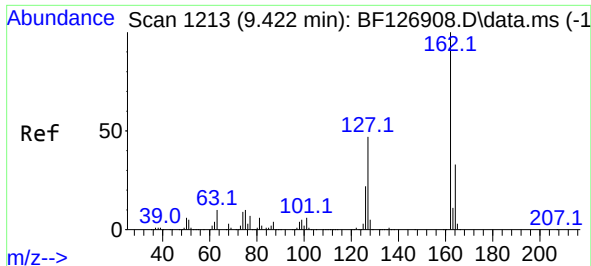
Ion Ratio Lower Upper

154 100

153 39.4 19.0 59.0

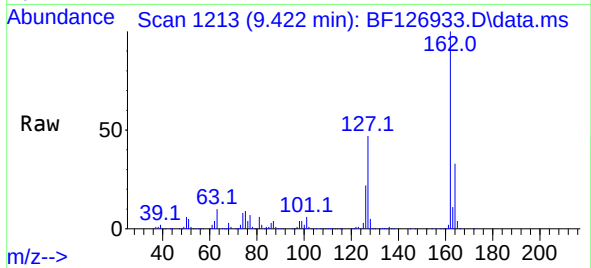
76 13.9 0.0 34.5





#47
2-Chloronaphthalene
Concen: 46.231 ng
RT: 9.422 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

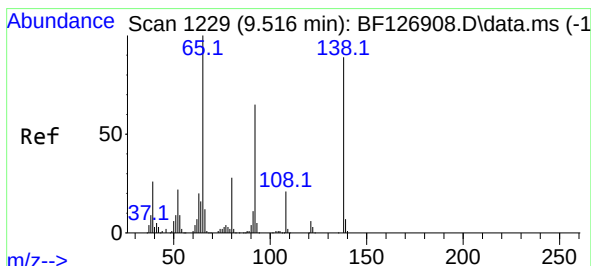
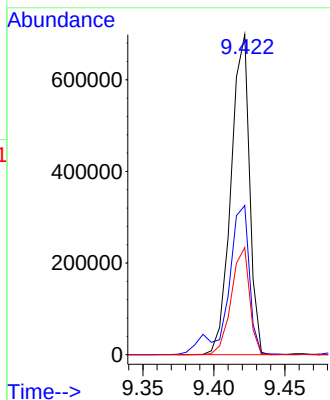
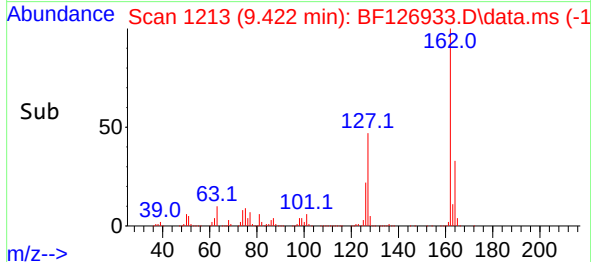
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



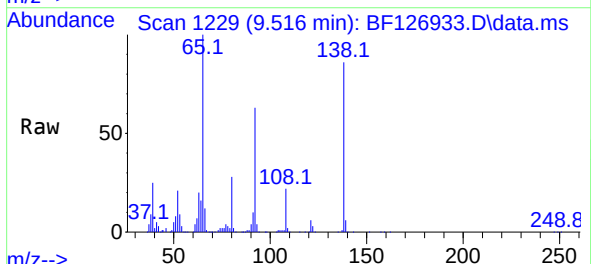
Tgt Ion:162 Resp: 63538
Ion Ratio Lower Upper
162 100
127 46.6 33.5 50.3
164 33.5 26.2 39.4

Manual Integrations
APPROVED

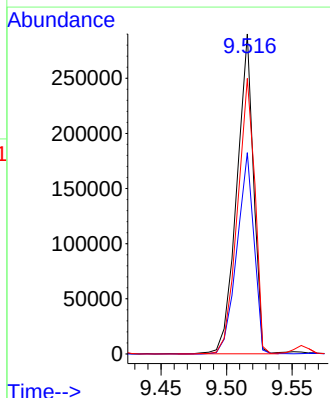
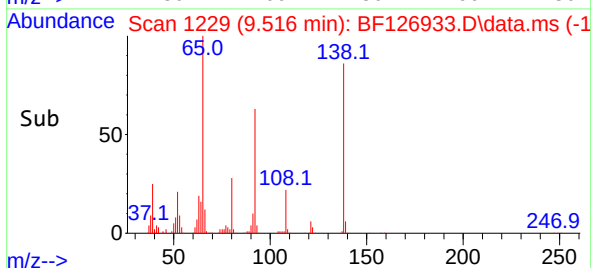
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

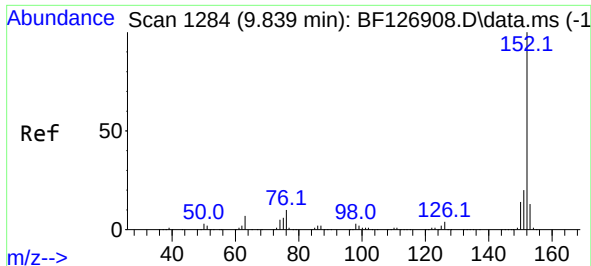


#48
2-Nitroaniline
Concen: 47.568 ng
RT: 9.516 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



Tgt Ion: 65 Resp: 257983
Ion Ratio Lower Upper
65 100
92 62.9 54.4 81.6
138 86.1 72.5 108.7





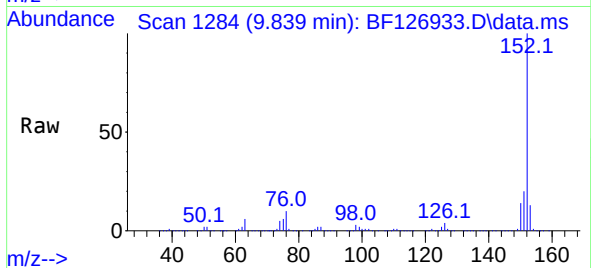
#49
Acenaphthylene
Concen: 47.807 ng
RT: 9.839 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

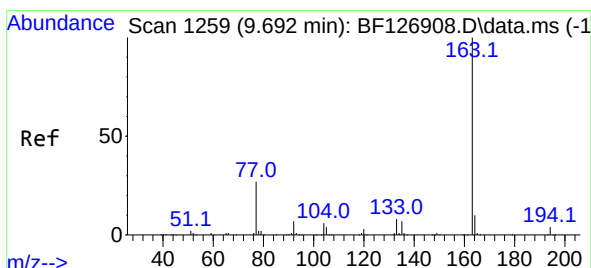
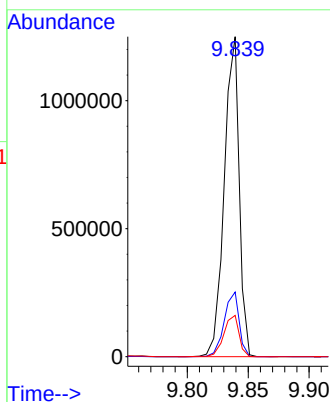
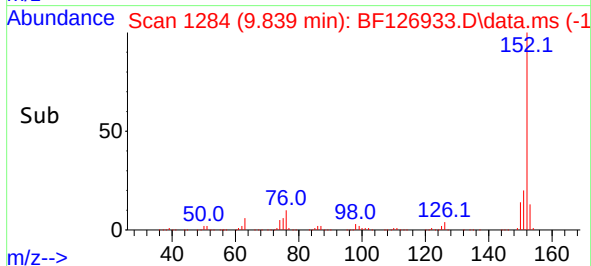


Tgt Ion:152 Resp: 1067285
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 12.9 11.4 17.0

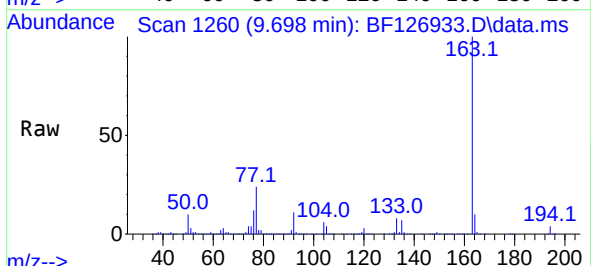
Manual Integrations

APPROVED

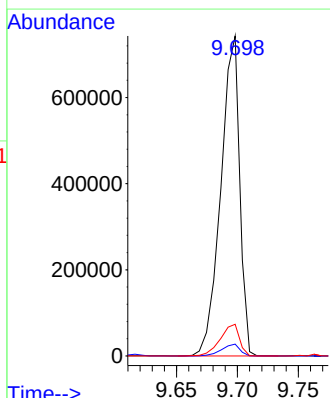
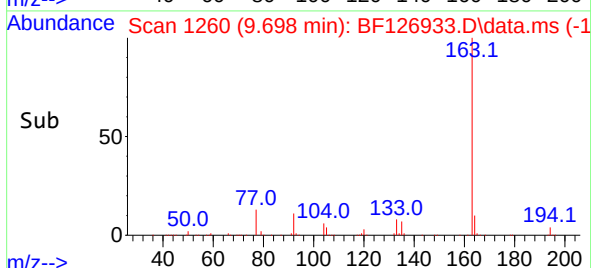
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

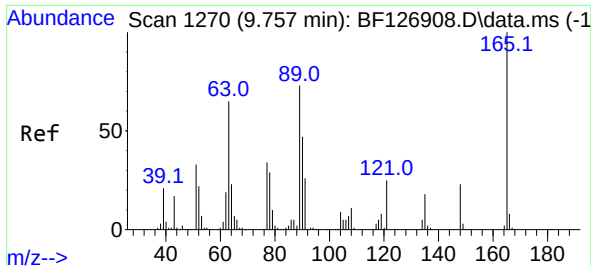


#50
Dimethylphthalate
Concen: 47.993 ng
RT: 9.698 min Scan# 1260
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



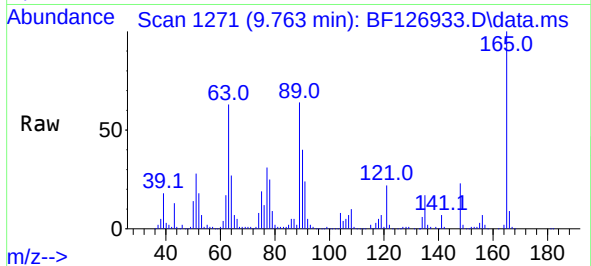
Tgt Ion:163 Resp: 802474
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 9.9 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 49.535 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

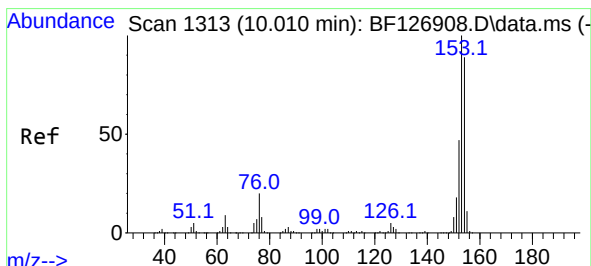
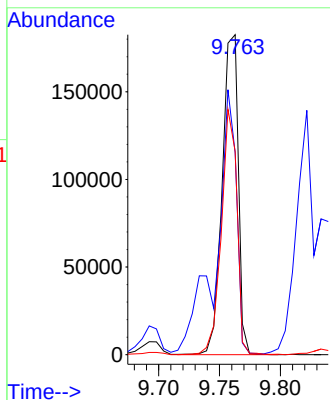
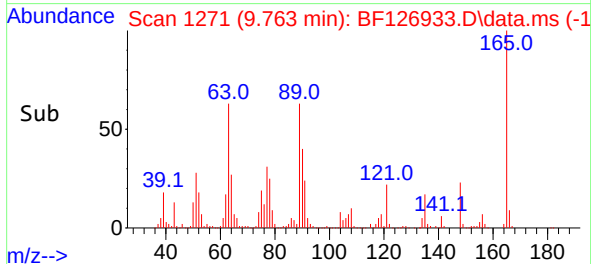
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



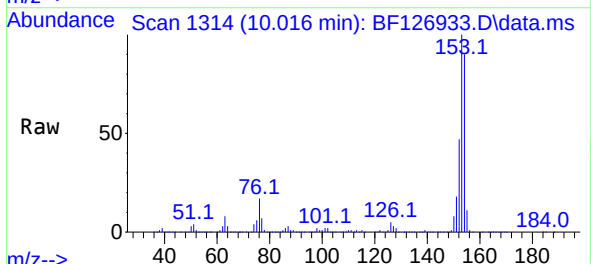
Tgt Ion:165 Resp: 168514
Ion Ratio Lower Upper
165 100
63 63.0 48.4 72.6
89 63.5 50.5 75.7

Manual Integrations
APPROVED

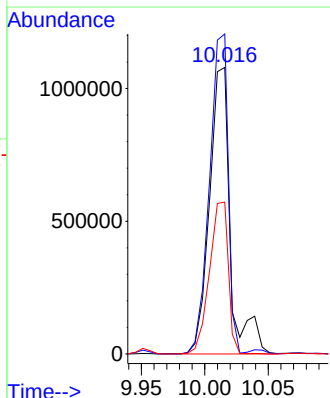
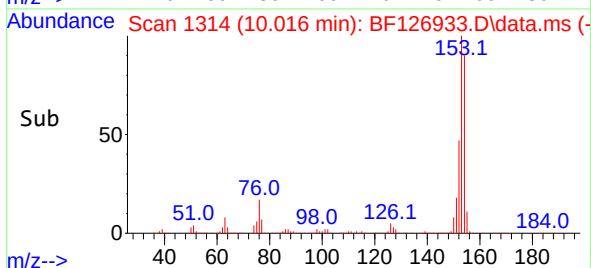
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

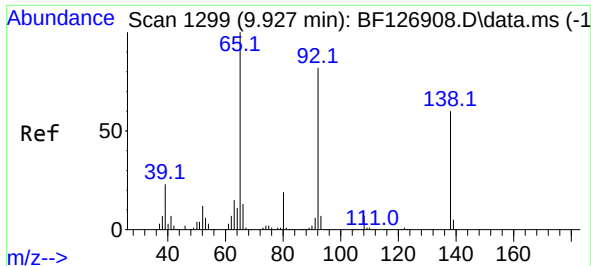


#52
Acenaphthene
Concen: 85.356 ng m
RT: 10.016 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



Tgt Ion:154 Resp: 1239281
Ion Ratio Lower Upper
154 100
153 111.7 87.8 131.6
152 53.0 39.4 59.2





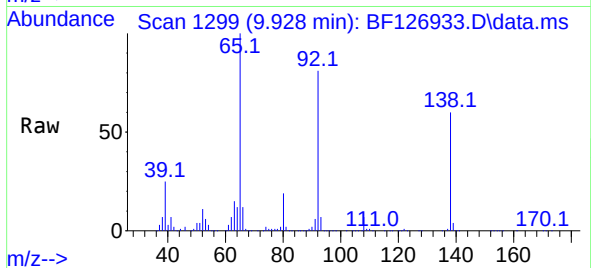
#53
3-Nitroaniline
Concen: 33.150 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

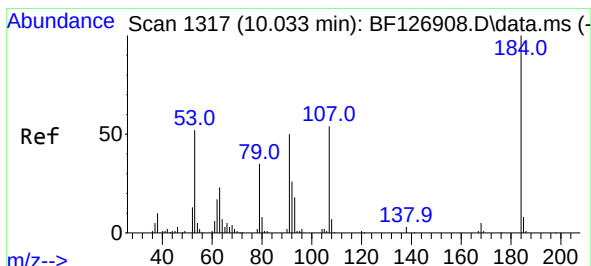
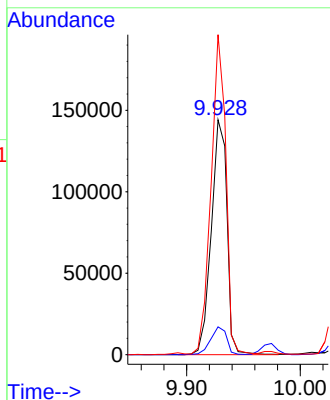
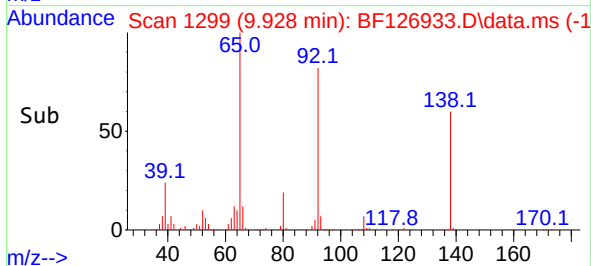


Tgt Ion:138 Resp: 13785
Ion Ratio Lower Upper
138 100
108 11.9 8.6 13.0
92 136.2 105.0 157.6

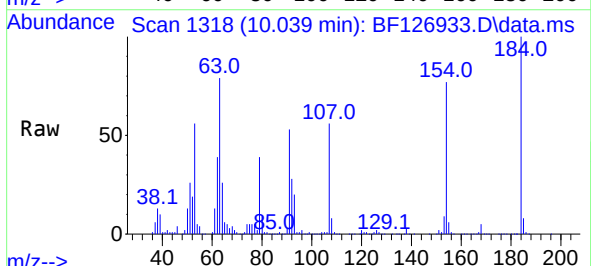
Manual Integrations

APPROVED

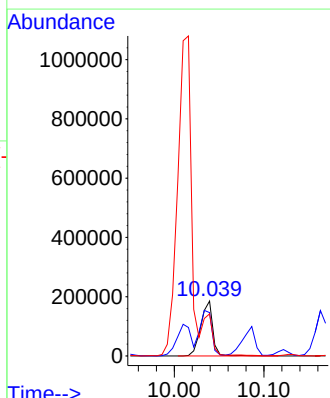
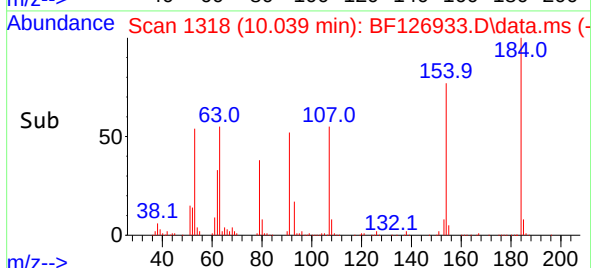
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

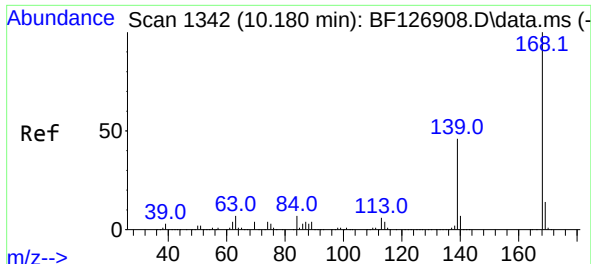


#54
2,4-Dinitrophenol
Concen: 94.720 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



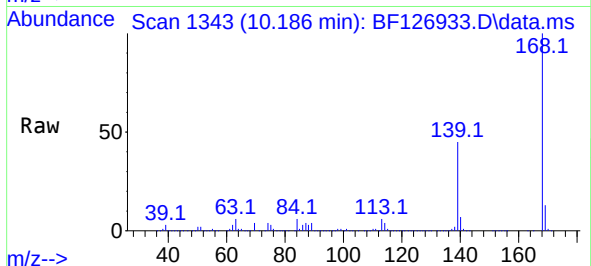
Tgt Ion:184 Resp: 170553
Ion Ratio Lower Upper
184 100
63 78.9 70.4 105.6
154 76.8 49.7 74.5#





#55
Dibenzofuran
Concen: 75.190 ng
RT: 10.186 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

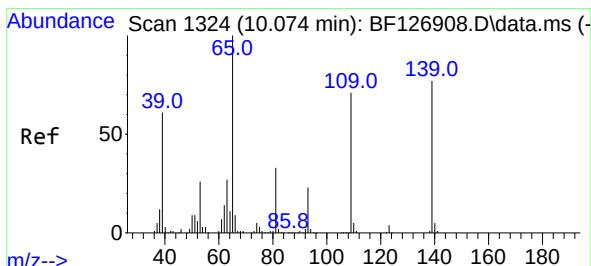
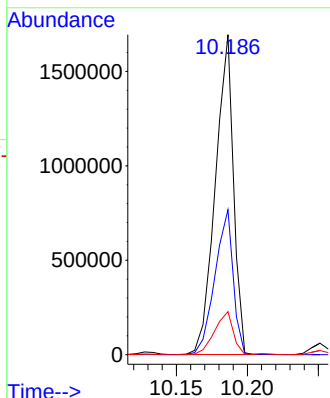
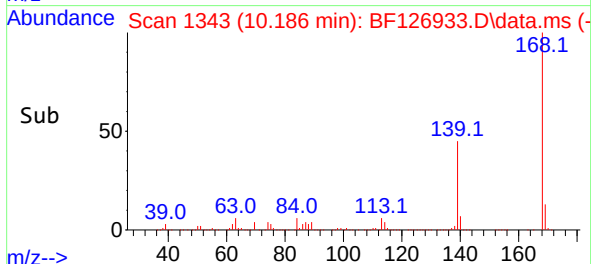
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



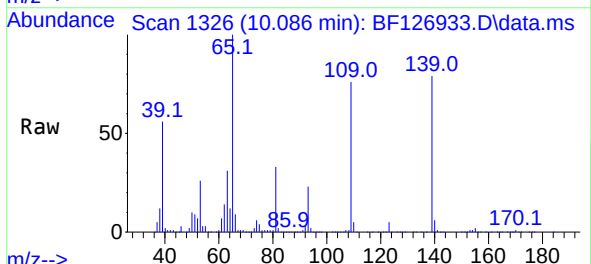
Tgt Ion:168 Resp: 1501128
Ion Ratio Lower Upper
168 100
139 45.3 30.6 46.0
169 13.5 10.0 15.0

Manual Integrations
APPROVED

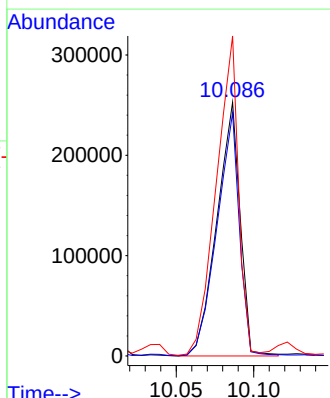
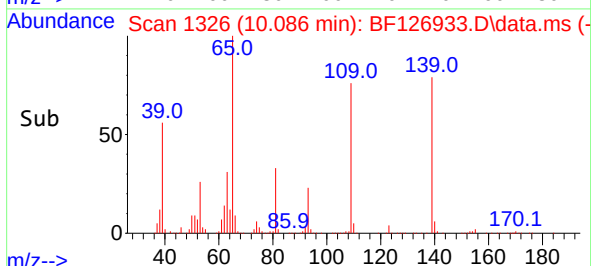
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

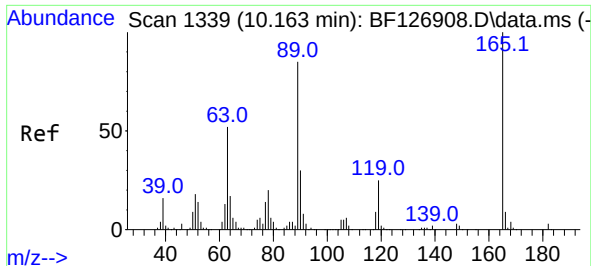


#56
4-Nitrophenol
Concen: 85.633 ng
RT: 10.086 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



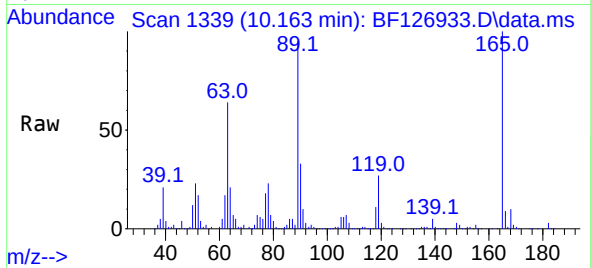
Tgt Ion:139 Resp: 263007
Ion Ratio Lower Upper
139 100
109 95.9 44.1 84.1#
65 126.1 85.5 125.5#





#57
2,4-Dinitrotoluene
Concen: 48.811 ng
RT: 10.163 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

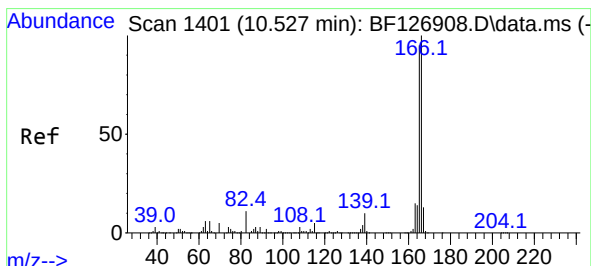
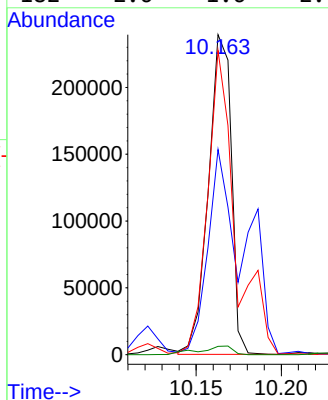
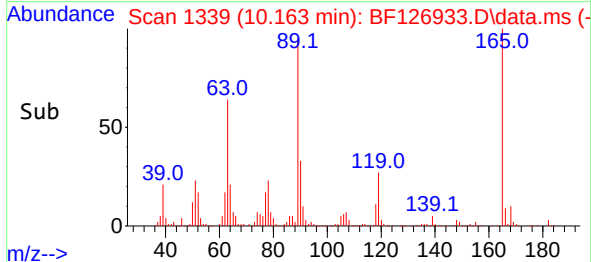
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



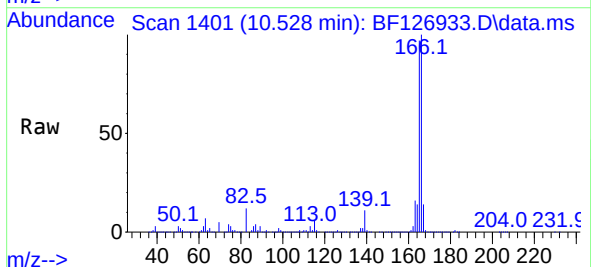
Tgt Ion:165 Resp: 224511
Ion Ratio Lower Upper
165 100
63 64.1 43.0 64.6
89 95.1 71.0 106.4
182 2.6 1.6 2.4#

Manual Integrations
APPROVED

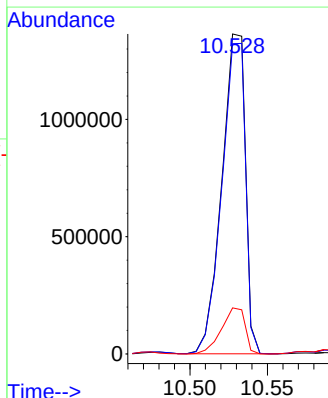
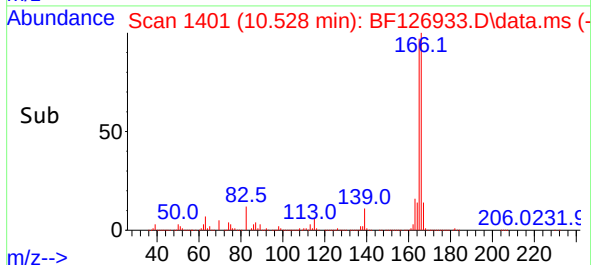
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

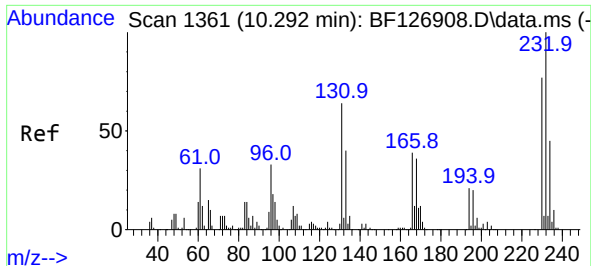


#58
Fluorene
Concen: 93.120 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



Tgt Ion:166 Resp: 1448124
Ion Ratio Lower Upper
166 100
165 97.0 77.7 116.5
167 14.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.124 ng m
RT: 10.298 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

Instrument :

BNA_F

ClientSampleId :

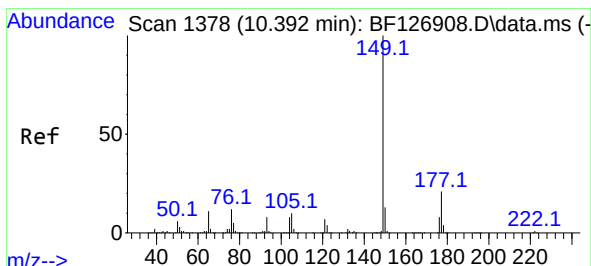
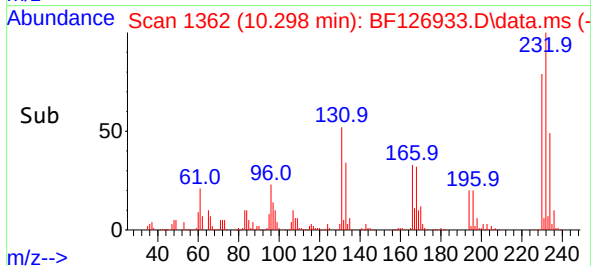
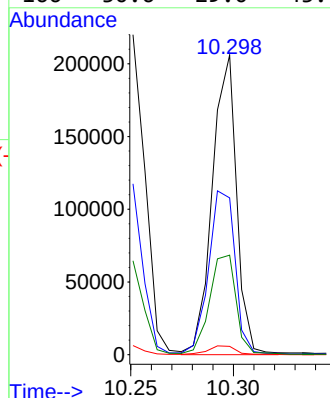
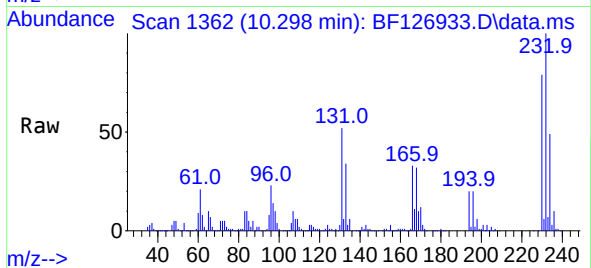
TP-3MSD

Tgt Ion:232 Resp: 170019
Ion Ratio Lower Upper
232 100
131 55.3 50.0 75.0
130 3.1 2.2 3.2
166 30.6 29.0 43.4

Manual Integrations

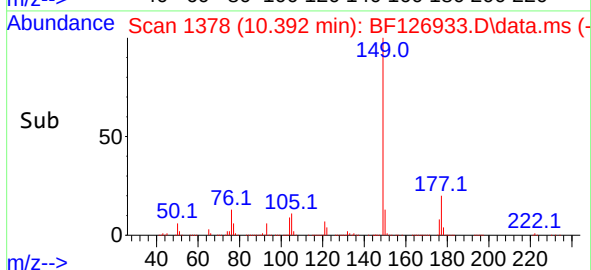
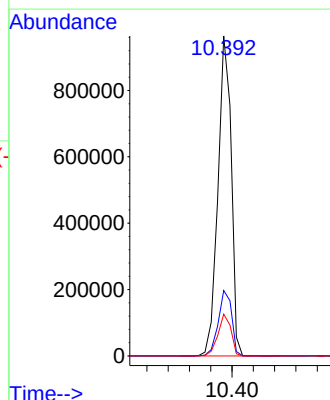
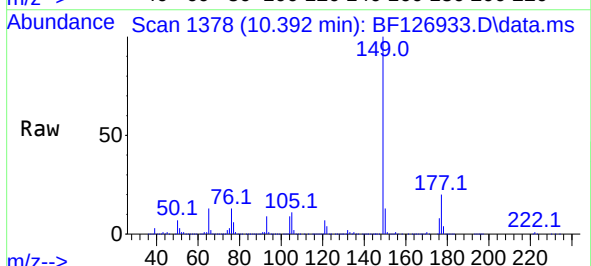
APPROVED

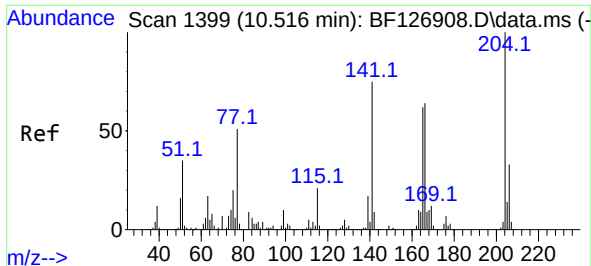
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#60
Diethylphthalate
Concen: 47.582 ng
RT: 10.392 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

Tgt Ion:149 Resp: 831338
Ion Ratio Lower Upper
149 100
177 20.5 16.7 25.1
150 13.1 9.8 14.8





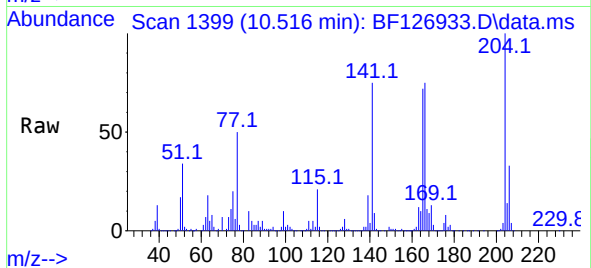
#61
4-Chlorophenyl-phenylether
Concen: 45.332 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

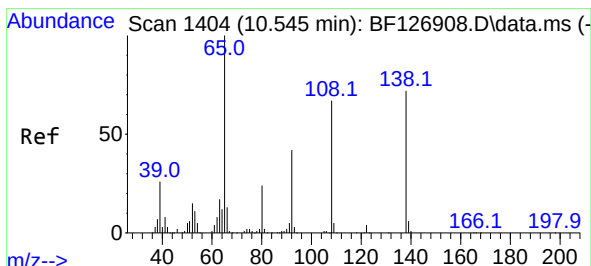
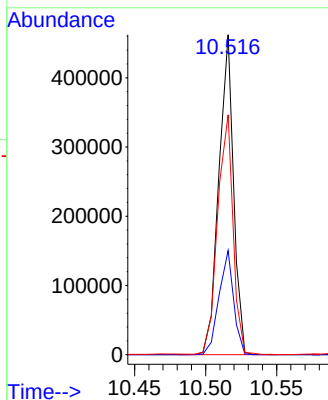
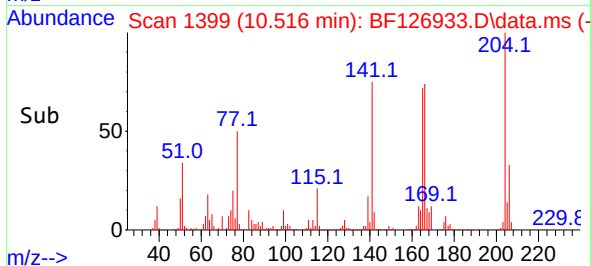


Tgt Ion:204 Resp: 332417
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 75.0 59.0 88.6

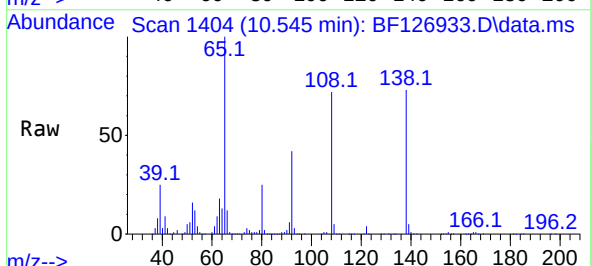
Manual Integrations

APPROVED

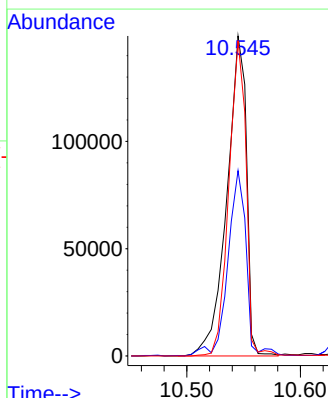
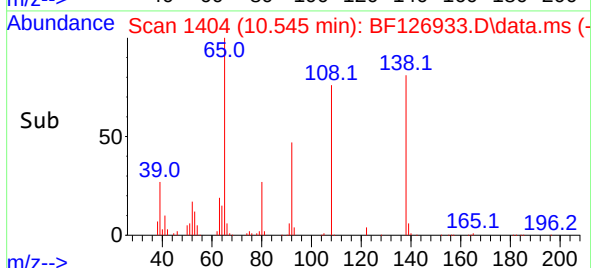
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

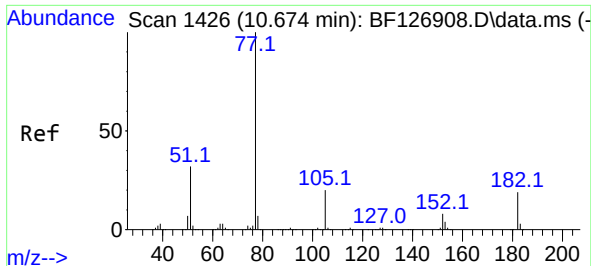


#62
4-Nitroaniline
Concen: 43.592 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



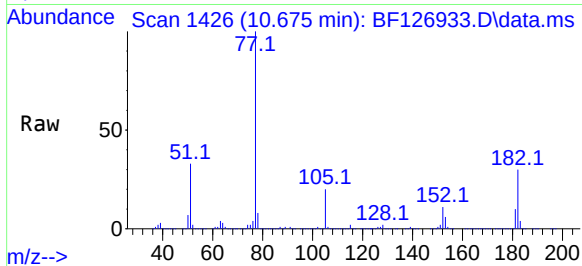
Tgt Ion:138 Resp: 179003
Ion Ratio Lower Upper
138 100
92 57.9 36.2 76.2
108 98.5 46.7 86.7#





#63
Azobenzene
Concen: 44.959 ng
RT: 10.675 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

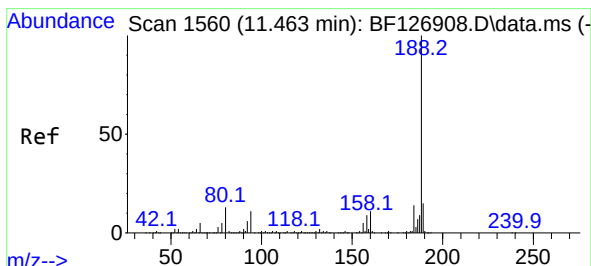
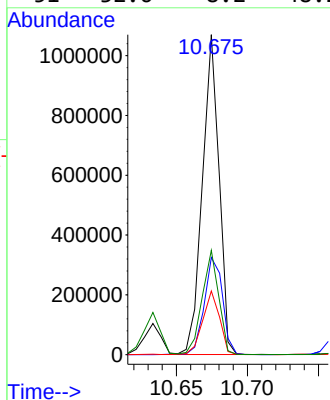
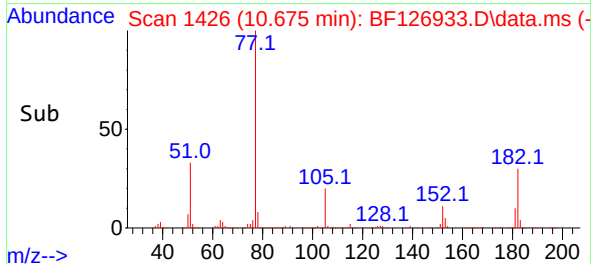
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



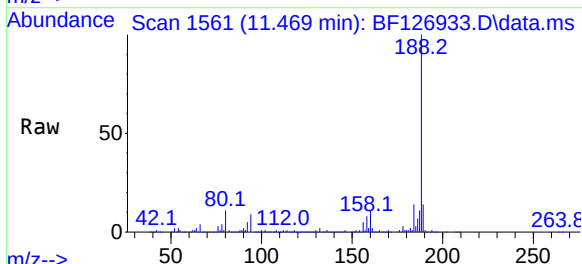
Tgt Ion: 77 Resp: 874679
Ion Ratio Lower Upper
77 100
182 30.4 0.0 39.0
105 19.9 3.2 43.2
51 32.6 8.2 48.2

Manual Integrations
APPROVED

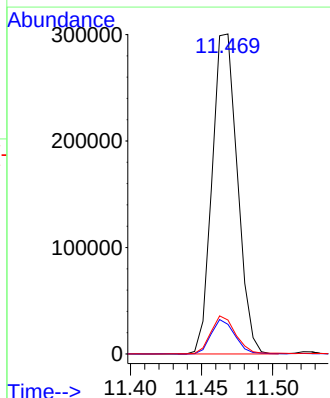
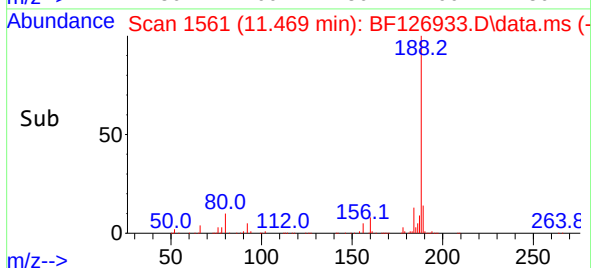
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

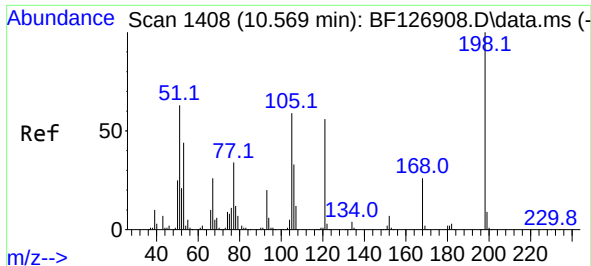


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.469 min Scan# 1561
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



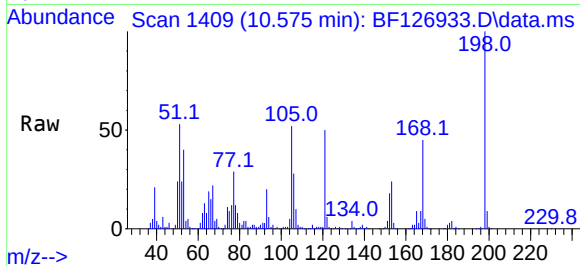
Tgt Ion:188 Resp: 372284
Ion Ratio Lower Upper
188 100
94 9.2 10.1 15.1#
80 10.6 11.8 17.6#





#65
4,6-Dinitro-2-methylphenol
Concen: 47.162 ng
RT: 10.575 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

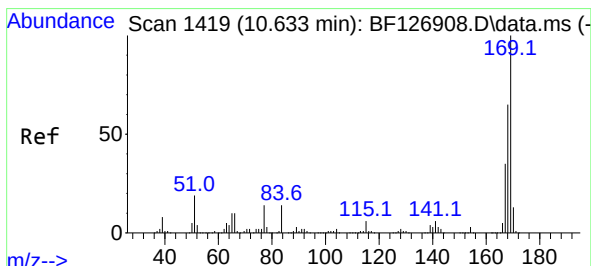
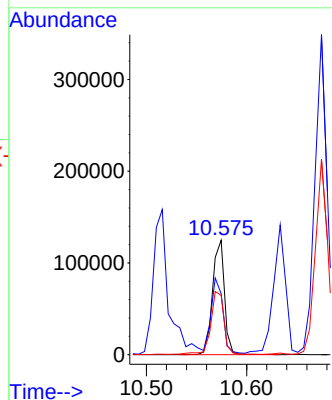
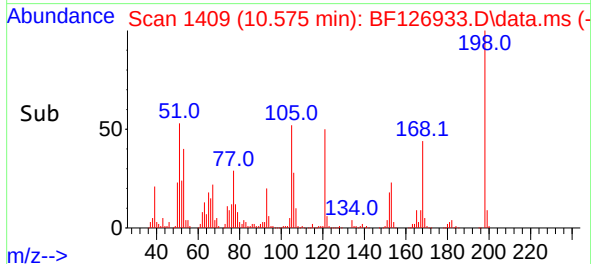
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



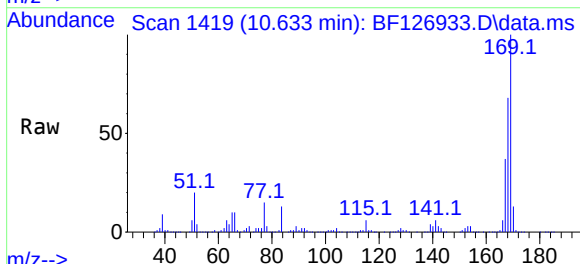
Tgt Ion:198 Resp: 10316
Ion Ratio Lower Upper
198 100
51 53.3 32.0 72.0
105 51.9 32.7 72.7

Manual Integrations
APPROVED

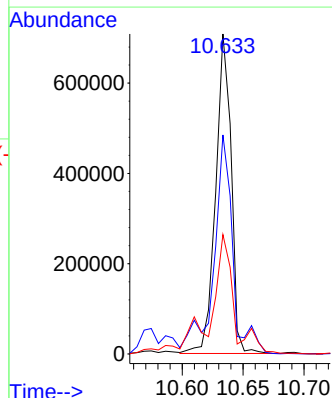
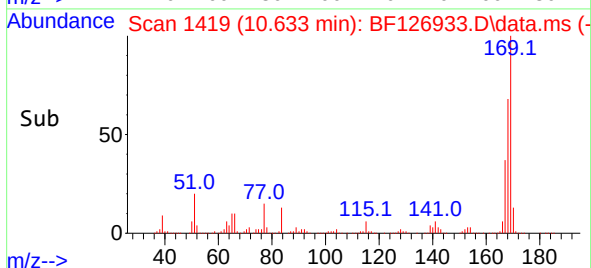
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

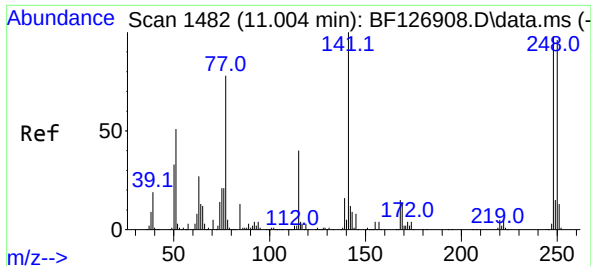


#66
n-Nitrosodiphenylamine
Concen: 51.302 ng
RT: 10.633 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



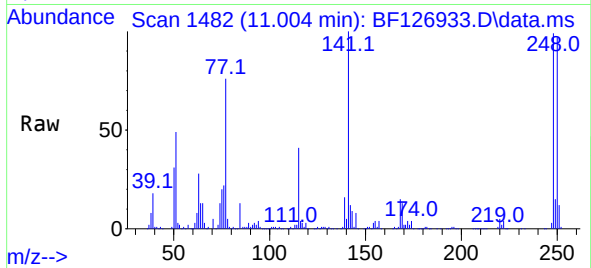
Tgt Ion:169 Resp: 626272
Ion Ratio Lower Upper
169 100
168 68.5 53.4 80.0
167 37.3 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 50.231 ng
RT: 11.004 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

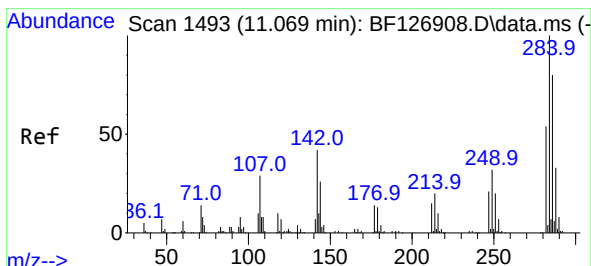
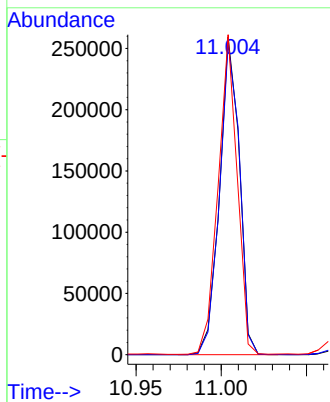
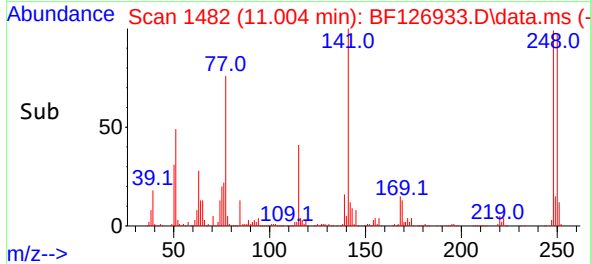
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



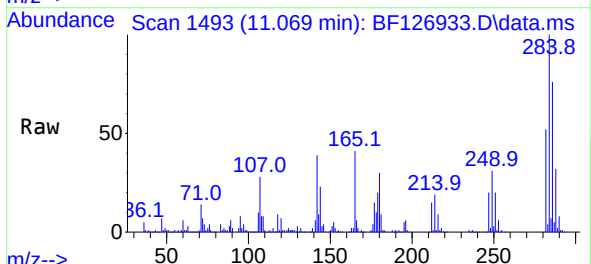
Tgt Ion:248 Resp: 208939
Ion Ratio Lower Upper
248 100
250 97.9 76.2 114.4
141 100.7 66.2 99.4

Manual Integrations
APPROVED

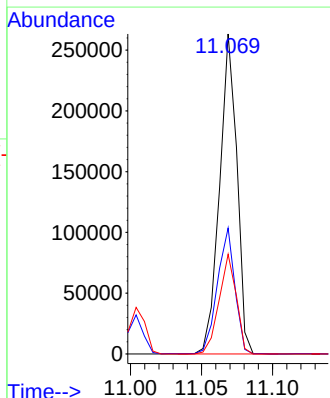
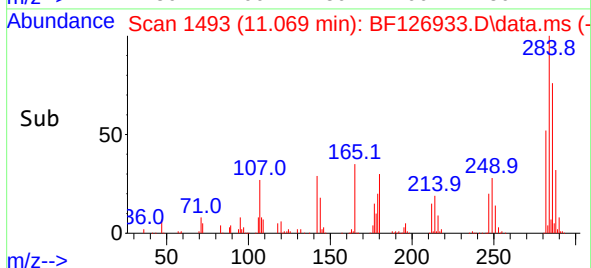
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

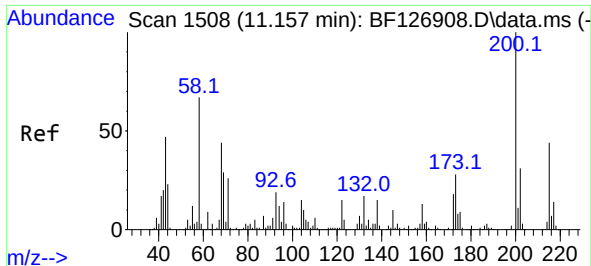


#68
Hexachlorobenzene
Concen: 49.853 ng
RT: 11.069 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



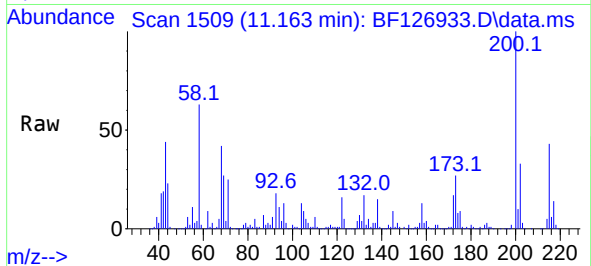
Tgt Ion:284 Resp: 223237
Ion Ratio Lower Upper
284 100
142 39.4 30.7 46.1
249 31.1 21.1 31.7





#69
Atrazine
Concen: 53.600 ng
RT: 11.163 min Scan# 111
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

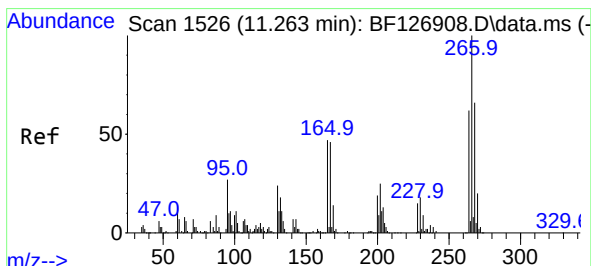
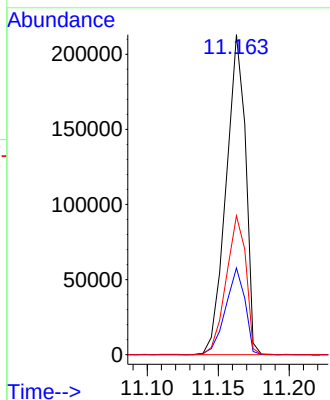
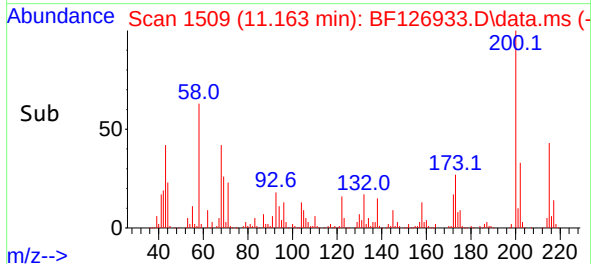
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



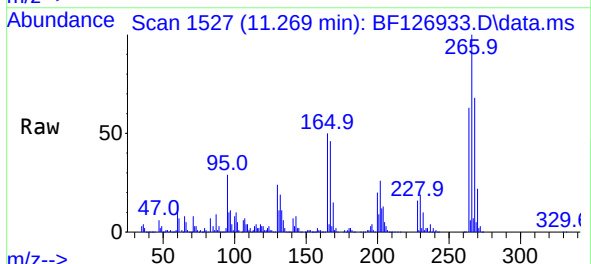
Tgt Ion:200 Resp: 202938
Ion Ratio Lower Upper
200 100
173 27.1 9.2 49.2
215 43.4 23.2 63.2

Manual Integrations
APPROVED

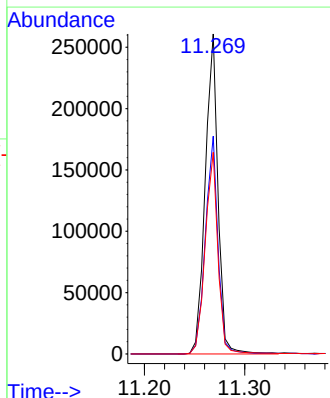
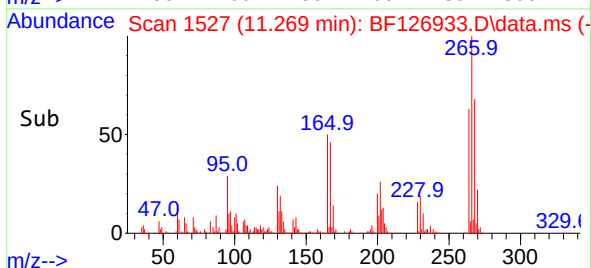
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

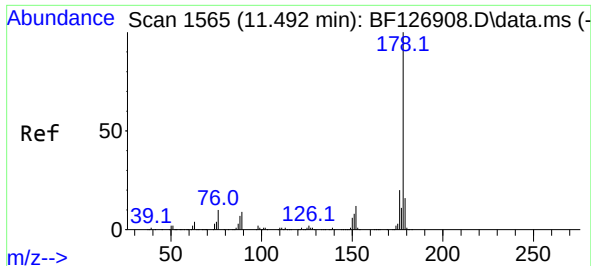


#70
Pentachlorophenol
Concen: 95.004 ng
RT: 11.269 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



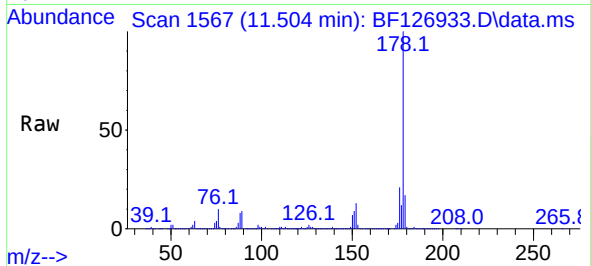
Tgt Ion:266 Resp: 232229
Ion Ratio Lower Upper
266 100
268 68.0 52.3 78.5
264 63.0 50.4 75.6





#71
Phenanthrene
Concen: 155.942 ng
RT: 11.504 min Scan# 11504
Delta R.T. 0.012 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

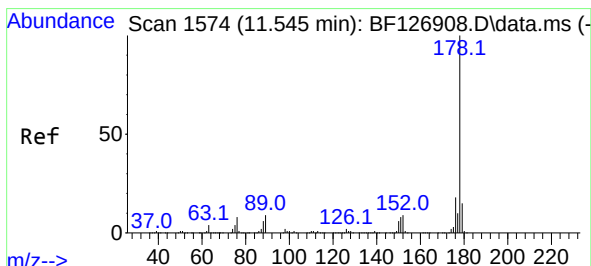
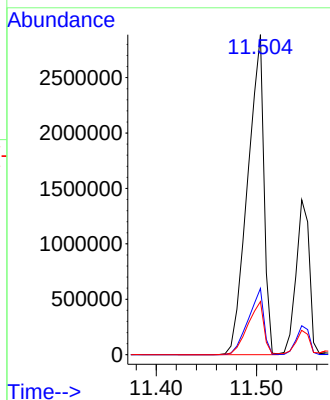
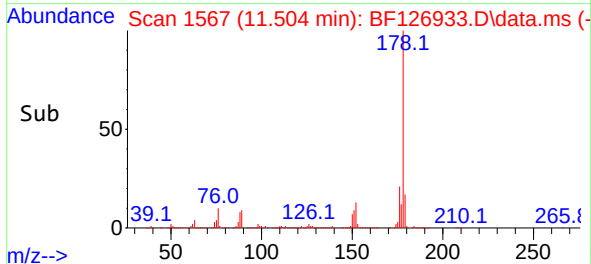
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



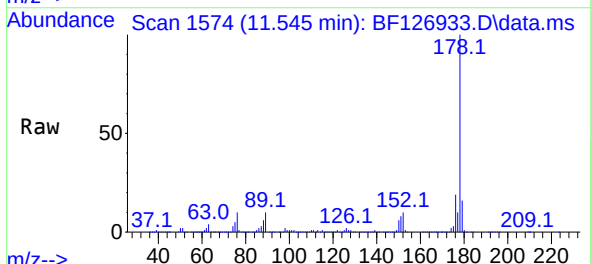
Tgt Ion:178 Resp: 324943
Ion Ratio Lower Upper
178 100
176 20.7 15.7 23.5
179 16.6 12.3 18.5

Manual Integrations
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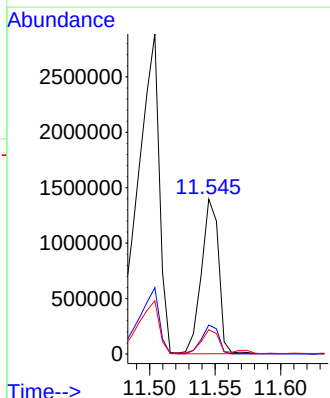
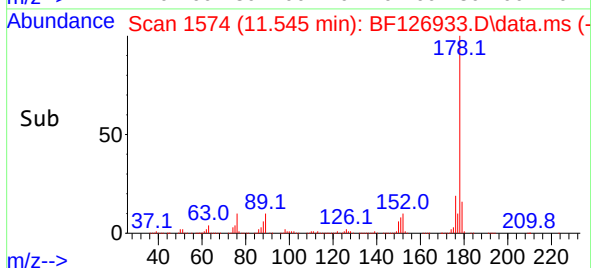
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

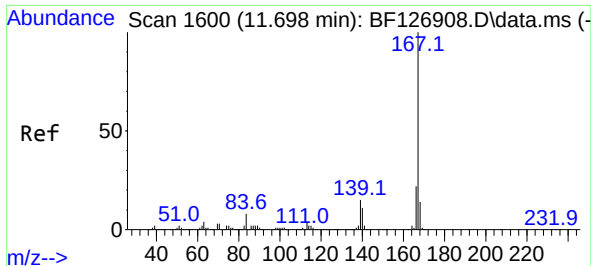


#72
Anthracene
Concen: 61.955 ng
RT: 11.545 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



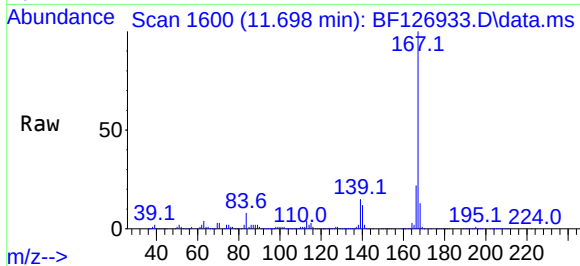
Tgt Ion:178 Resp: 1285203
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.7 12.5 18.7





#73
 Carbazole
 Concen: 45.616 ng
 RT: 11.698 min Scan# 1600
 Delta R.T. 0.000 min
 Lab File: BF126933.D
 Acq: 17 Feb 2022 18:17

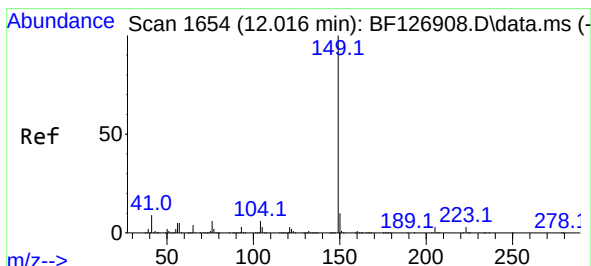
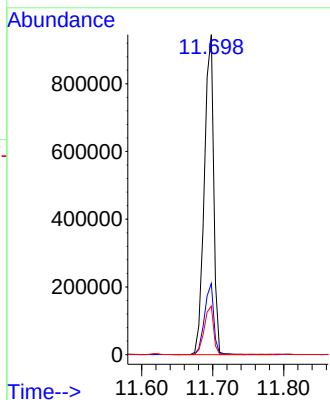
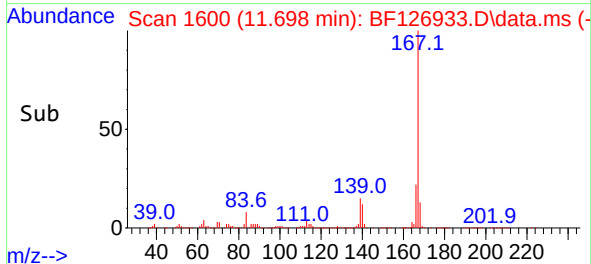
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD



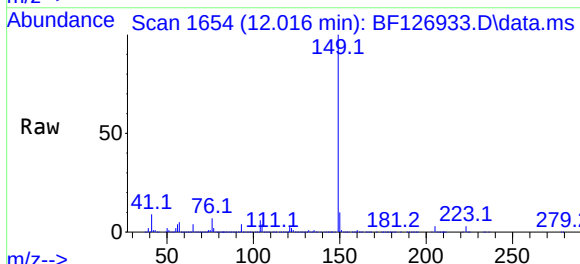
Tgt Ion:167 Resp: 867772
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.9 25.3
 139 15.2 11.3 16.9

Manual Integrations
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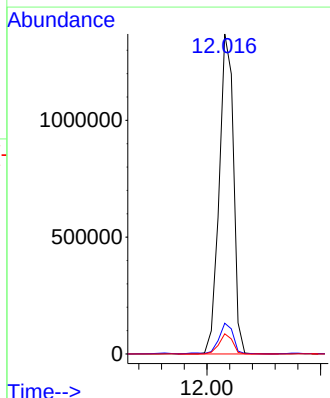
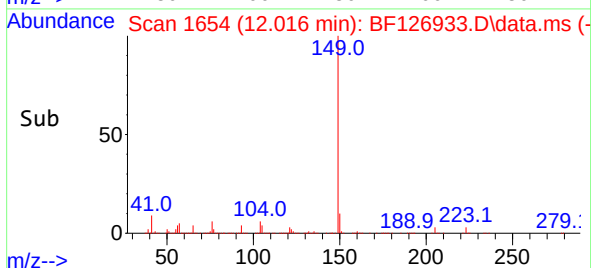
Reviewed By :Christian Giraldo 02/18/2022
 Supervised By :Jagrut Upadhyay 02/18/2022

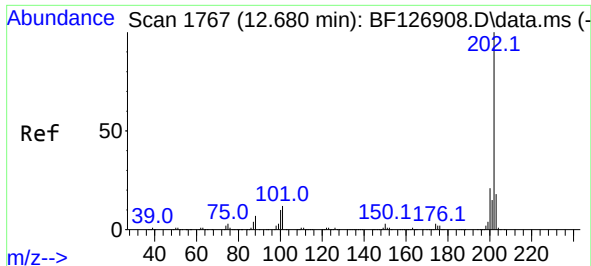


#74
 Di-n-butylphthalate
 Concen: 49.026 ng
 RT: 12.016 min Scan# 1654
 Delta R.T. 0.000 min
 Lab File: BF126933.D
 Acq: 17 Feb 2022 18:17



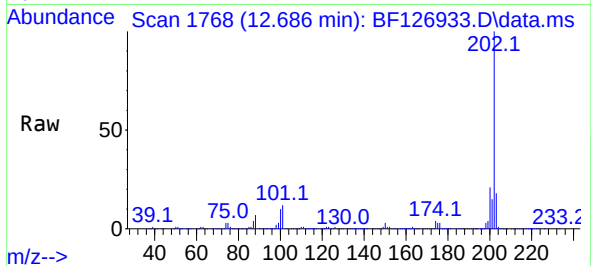
Tgt Ion:149 Resp: 1198975
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.2 10.8
 104 6.3 4.2 6.2#





#75
Fluoranthene
Concen: 101.381 ng
RT: 12.686 min Scan# 1767
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

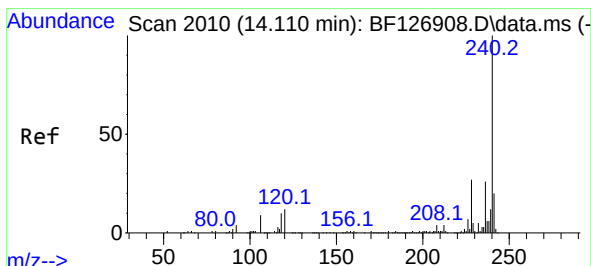
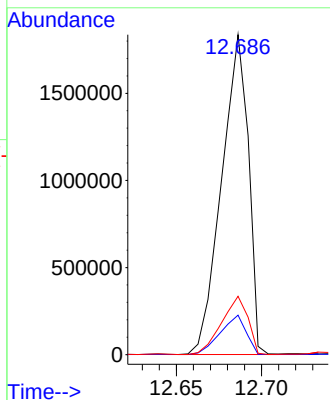
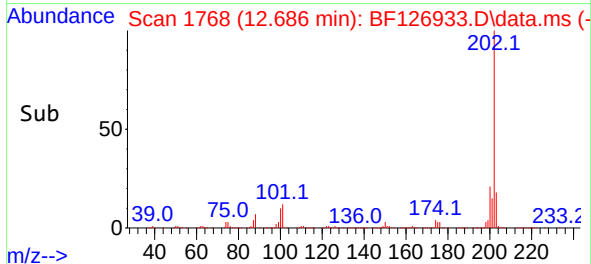
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



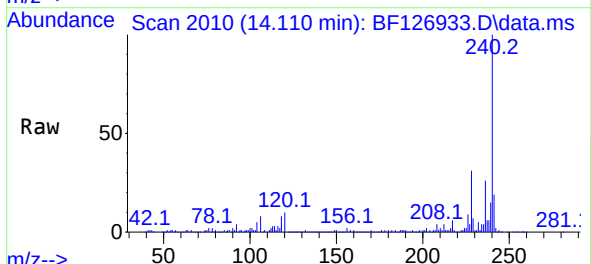
Tgt Ion:202 Resp: 200584
Ion Ratio Lower Upper
202 100
101 12.3 0.0 35.7
203 18.3 0.0 37.1

Manual Integrations
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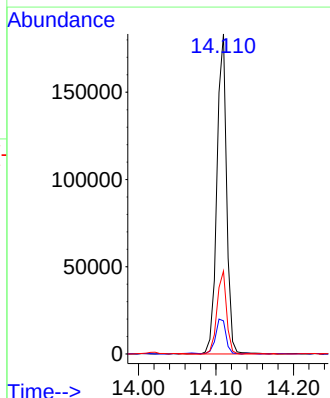
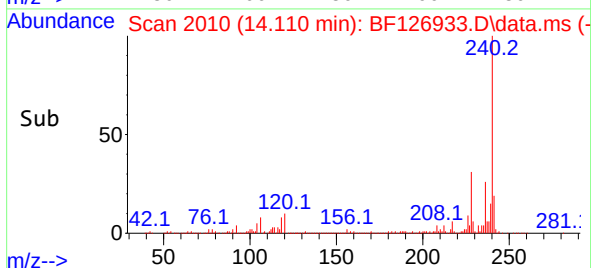
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

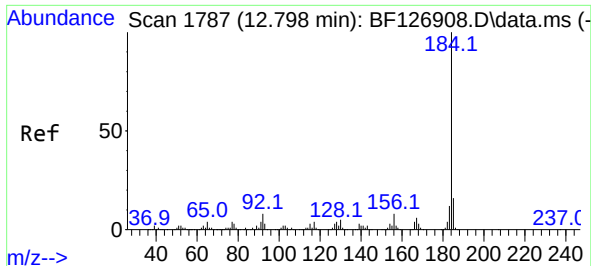


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



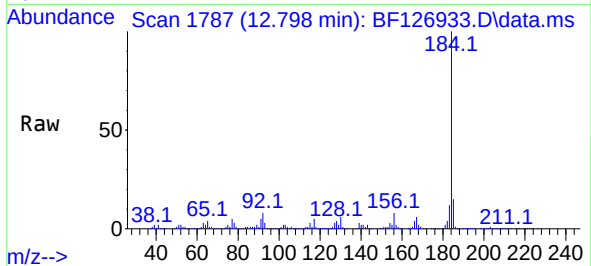
Tgt Ion:240 Resp: 159654
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 25.9 20.5 30.7





#77
Benzidine
Concen: 91.156 ng
RT: 12.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

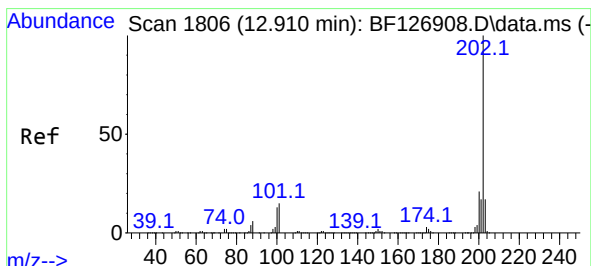
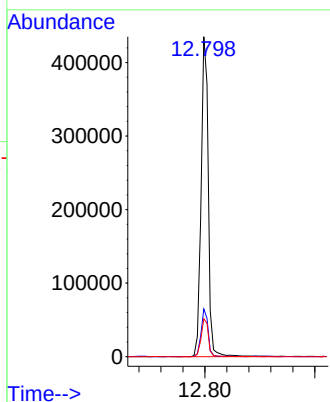
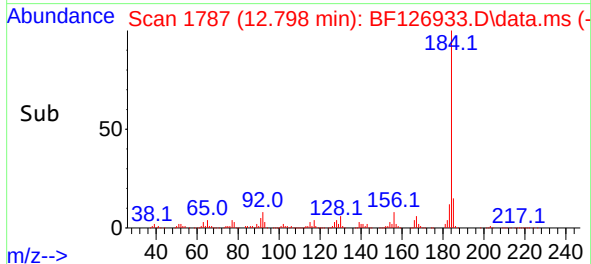
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



Tgt Ion:184 Resp: 395499
Ion Ratio Lower Upper
184 100
185 14.9 11.8 17.8
183 11.8 8.2 12.2

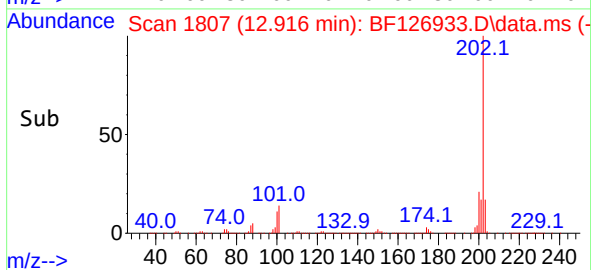
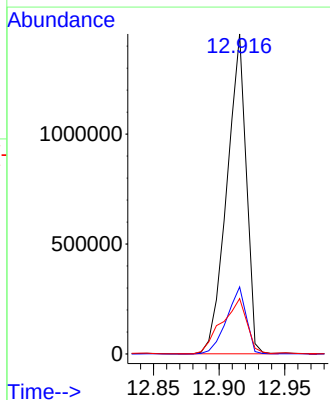
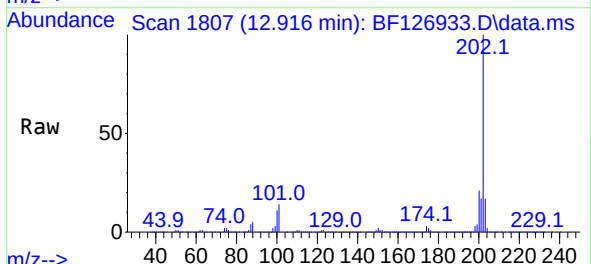
Manual Integrations
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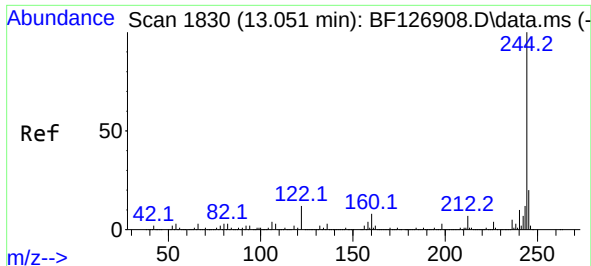
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#78
Pyrene
Concen: 107.967 ng
RT: 12.916 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

Tgt Ion:202 Resp: 1497550
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 17.3 13.8 20.8





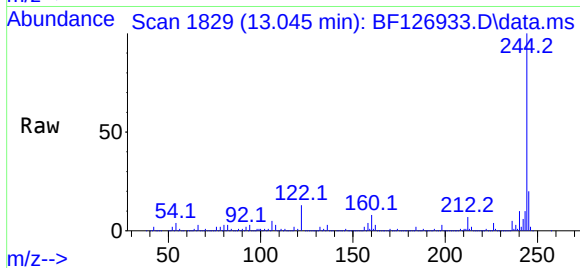
#79
 Terphenyl-d14
 Concen: 87.345 ng
 RT: 13.045 min Scan# 1829
 Delta R.T. -0.006 min
 Lab File: BF126933.D
 Acq: 17 Feb 2022 18:17

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

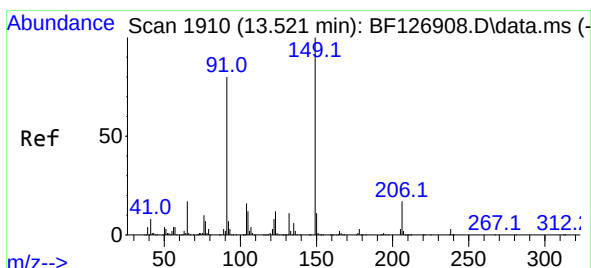
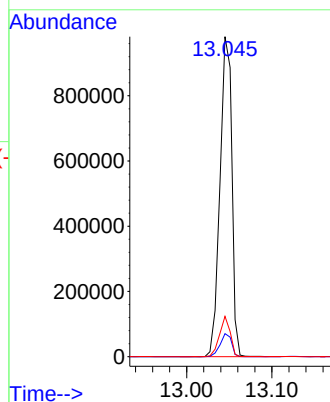
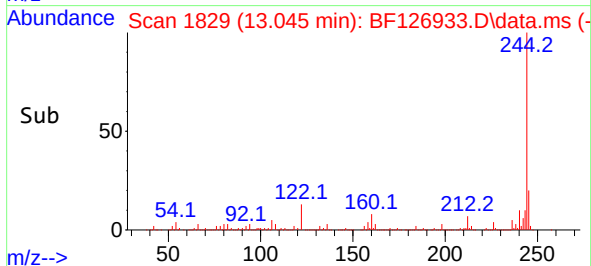


Tgt Ion:244 Resp: 948611
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 12.6 13.3 19.9

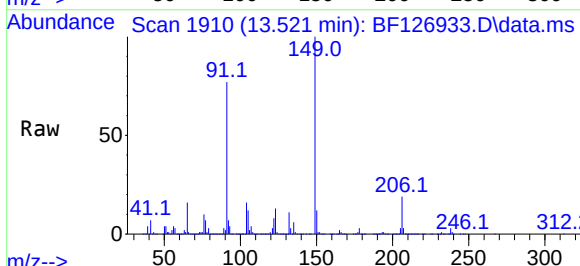
Manual Integrations

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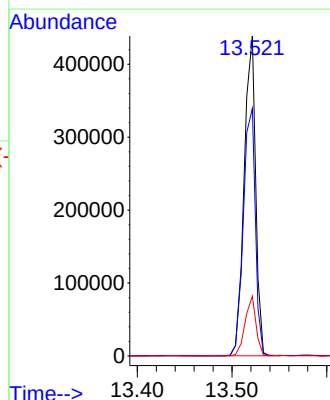
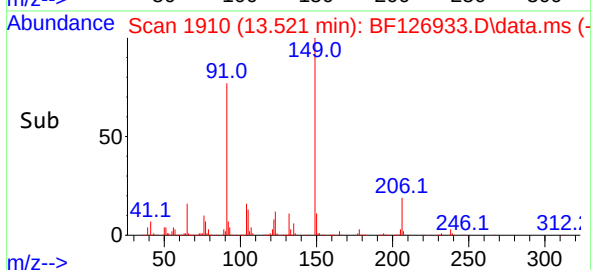
Reviewed By :Christian Giraldo 02/18/2022
 Supervised By :Jagrut Upadhyay 02/18/2022

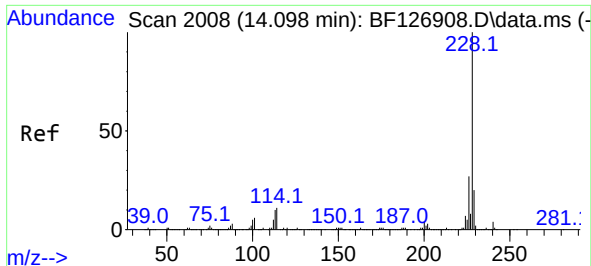


#80
 Butylbenzylphthalate
 Concen: 56.181 ng
 RT: 13.521 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: BF126933.D
 Acq: 17 Feb 2022 18:17



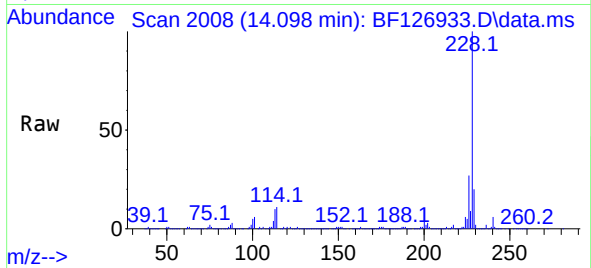
Tgt Ion:149 Resp: 368914
 Ion Ratio Lower Upper
 149 100
 91 77.3 70.5 105.7
 206 18.7 12.6 19.0





#81
Benzo(a)anthracene
Concen: 64.162 ng
RT: 14.098 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

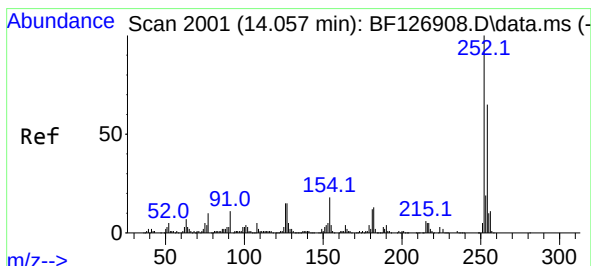
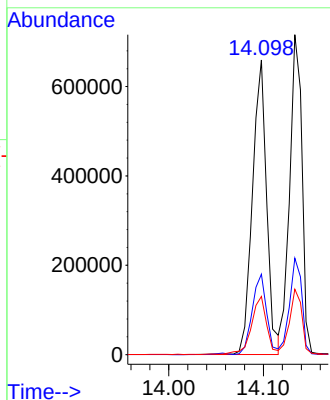
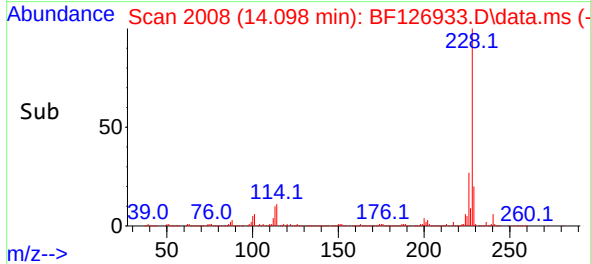
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



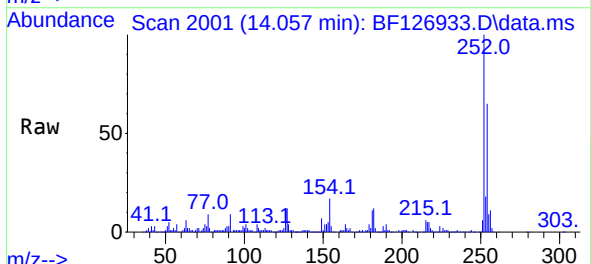
Tgt Ion:228 Resp: 690590
Ion Ratio Lower Upper
228 100
226 27.3 21.4 32.0
229 19.8 15.4 23.2

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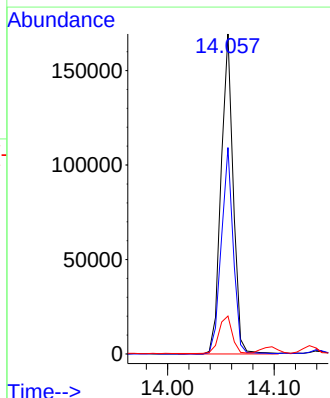
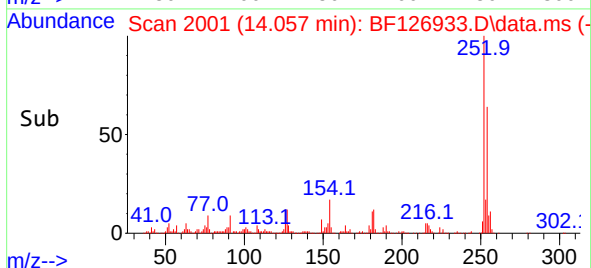
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

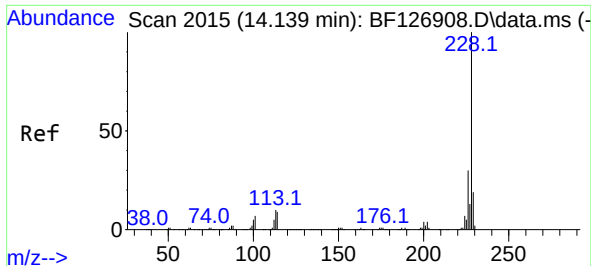


#82
3,3'-Dichlorobenzidine
Concen: 39.431 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



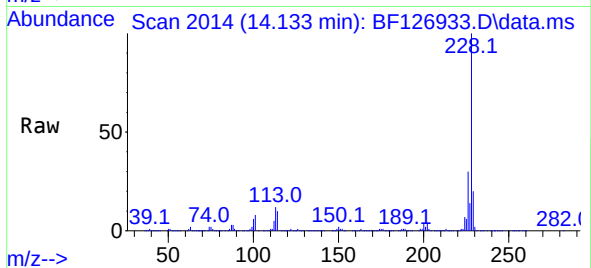
Tgt Ion:252 Resp: 133750
Ion Ratio Lower Upper
252 100
254 64.5 51.0 76.4
126 11.9 13.4 20.0#





#83
Chrysene
Concen: 63.886 ng
RT: 14.133 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

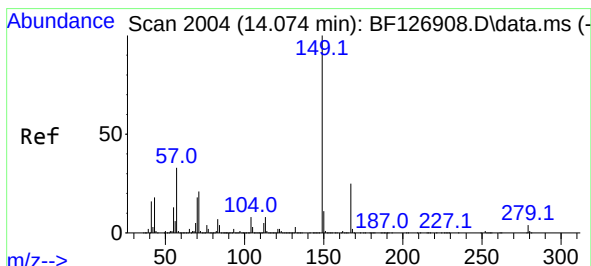
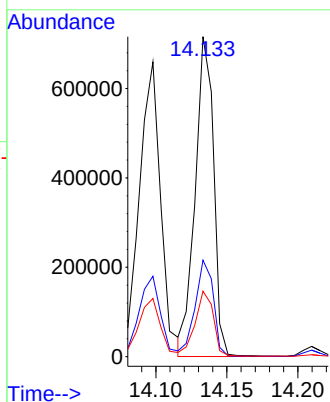
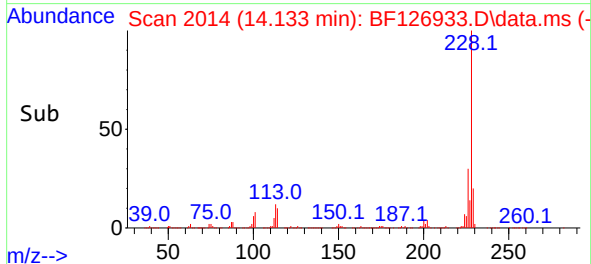
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



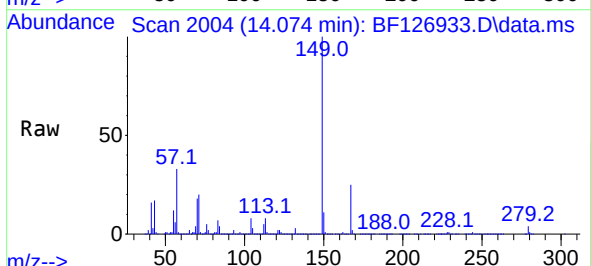
Tgt Ion:228 Resp: 64661
Ion Ratio Lower Upper
228 100
226 30.2 23.7 35.5
229 20.5 15.5 23.3

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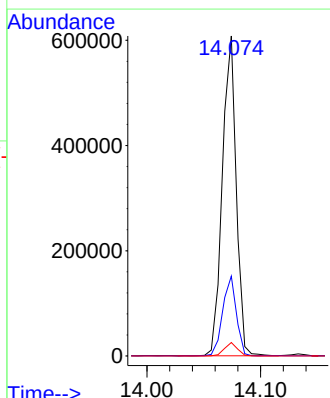
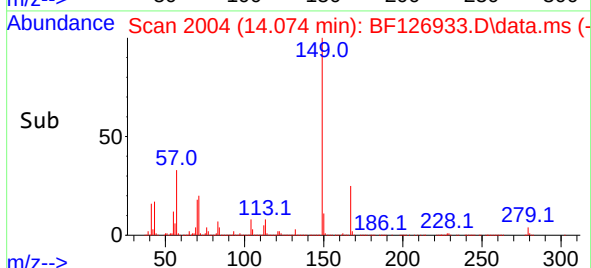
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

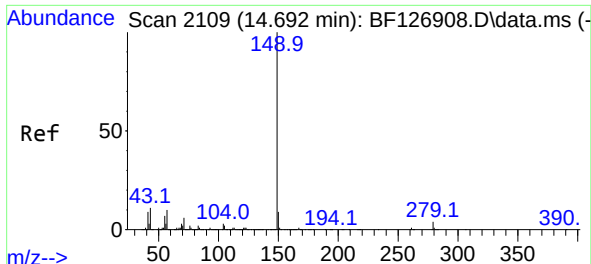


#84
Bis(2-ethylhexyl)phthalate
Concen: 60.171 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



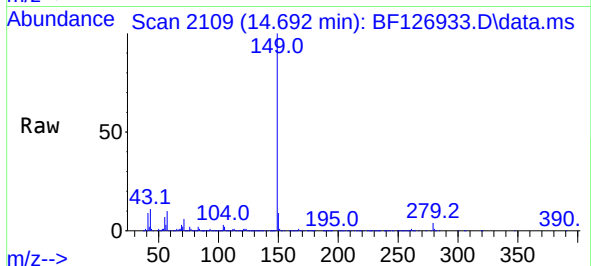
Tgt Ion:149 Resp: 518735
Ion Ratio Lower Upper
149 100
167 24.9 21.4 32.2
279 4.2 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 61.302 ng
RT: 14.692 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

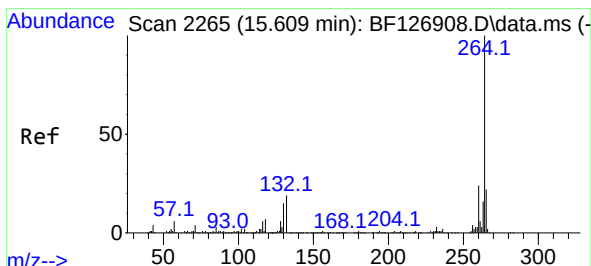
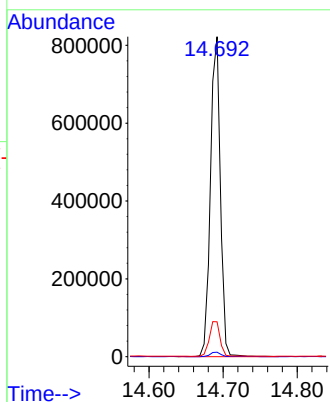
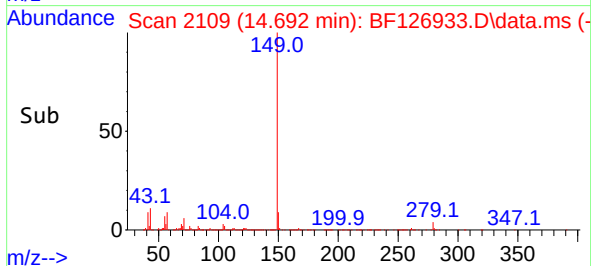
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



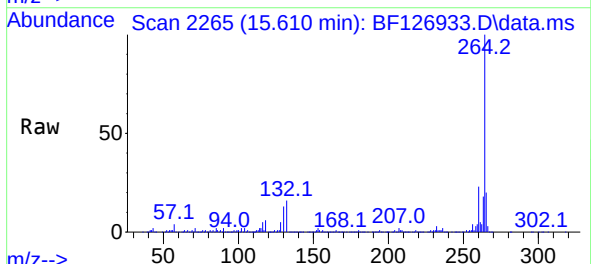
Tgt Ion:149 Resp: 760923
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.7 9.9 14.9

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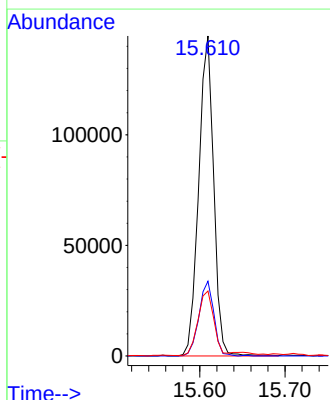
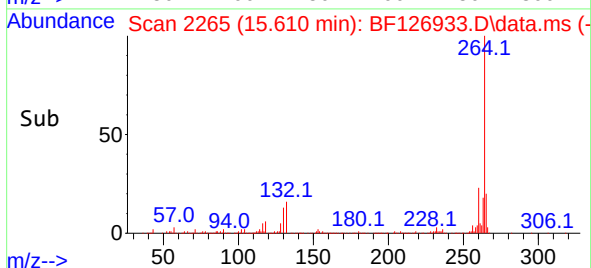
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

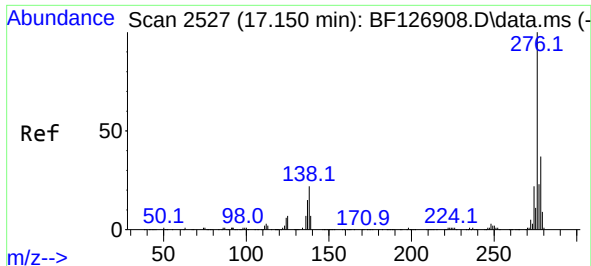


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



Tgt Ion:264 Resp: 176720
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 20.3 17.4 26.2





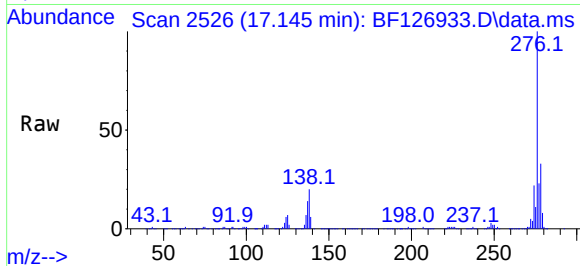
#87
Indeno(1,2,3-cd)pyrene
Concen: 52.702 ng
RT: 17.145 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

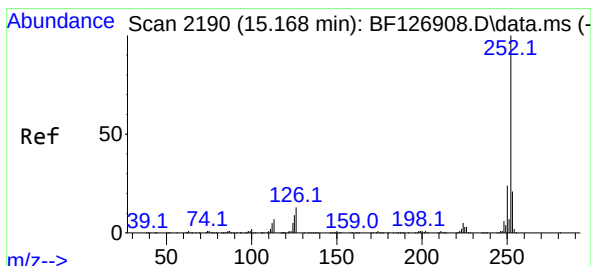
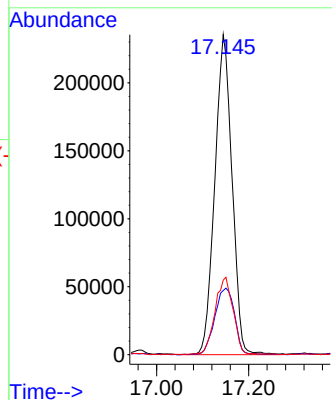
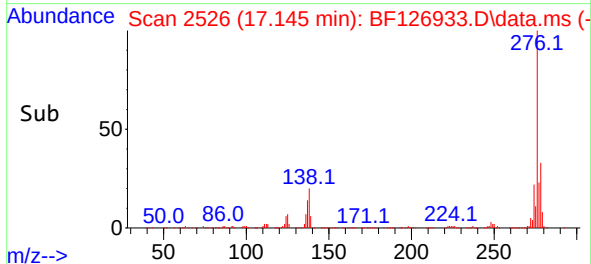


Tgt Ion:276 Resp: 61069
Ion Ratio Lower Upper
276 100
138 24.1 29.2 43.8
277 25.7 19.8 29.8

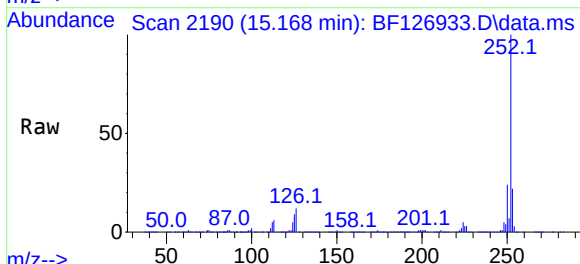
Manual Integrations

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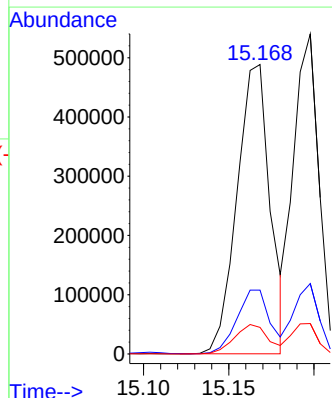
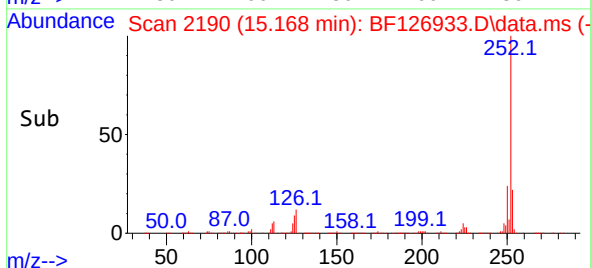
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

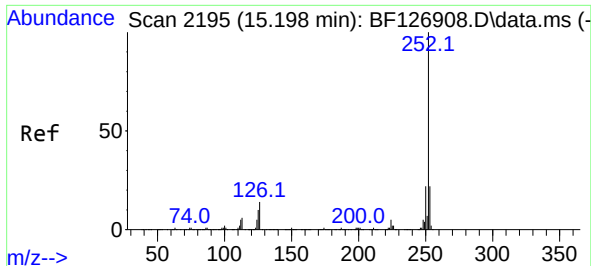


#88
Benzo(b)fluoranthene
Concen: 55.682 ng
RT: 15.168 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



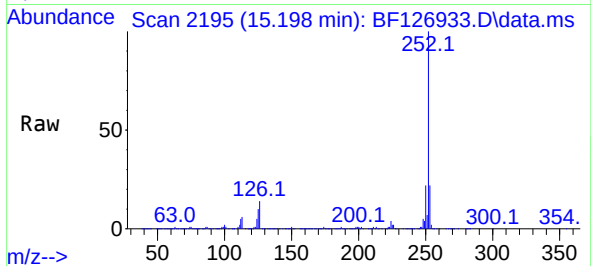
Tgt Ion:252 Resp: 660898
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.2 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 49.108 ng
RT: 15.198 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

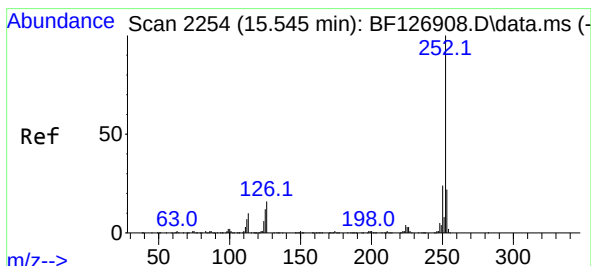
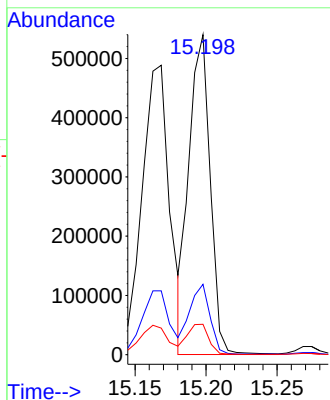
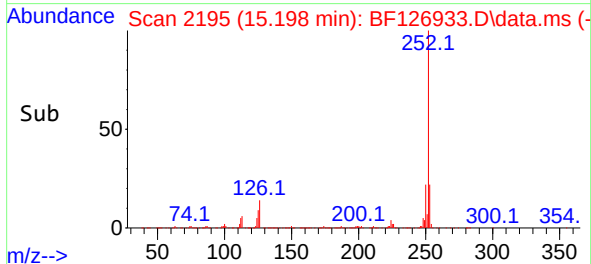
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



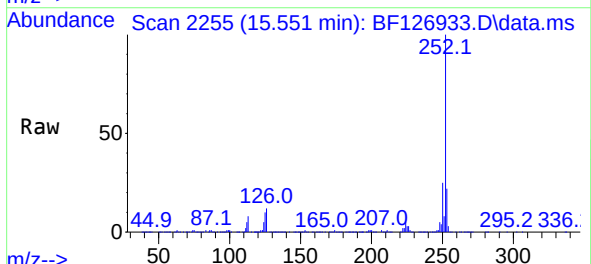
Tgt Ion:252 Resp: 562190
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.5 11.8 17.6

Manual Integrations
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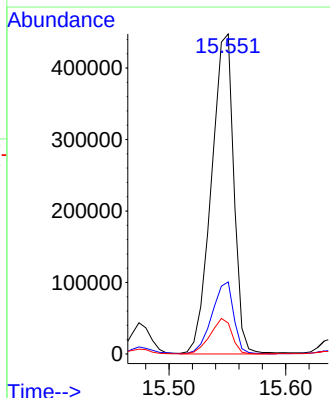
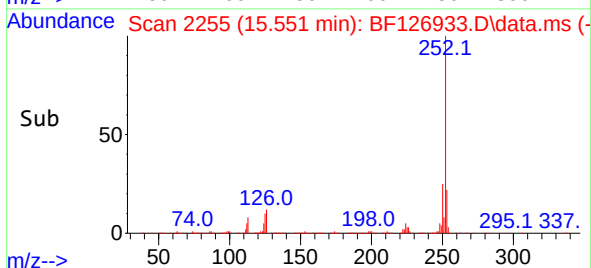
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

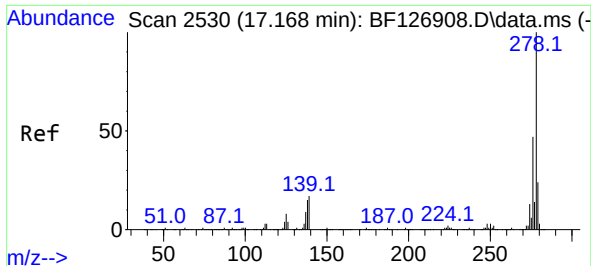


#90
Benzo(a)pyrene
Concen: 64.679 ng m
RT: 15.551 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



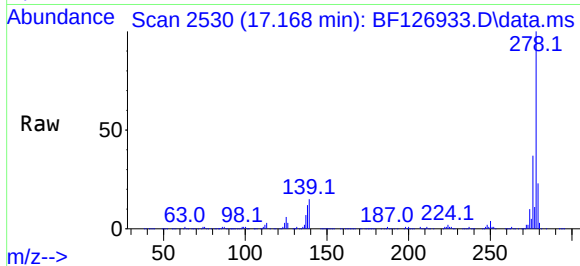
Tgt Ion:252 Resp: 599642
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 9.7 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 52.190 ng
RT: 17.168 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17

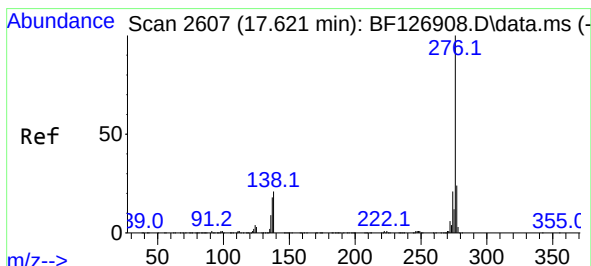
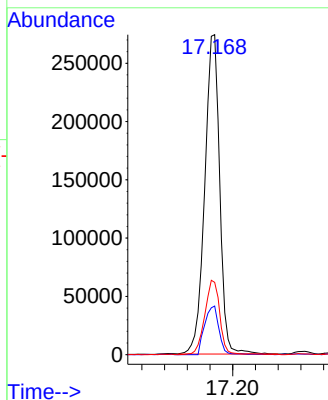
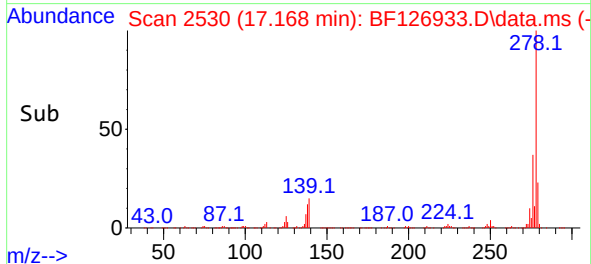
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



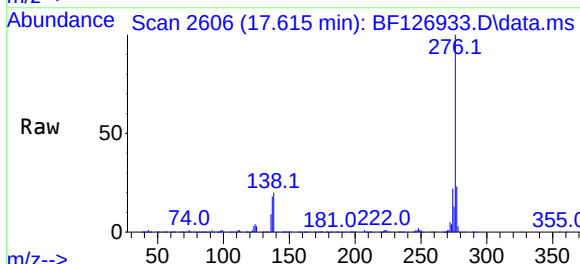
Tgt Ion:278 Resp: 500174
Ion Ratio Lower Upper
278 100
139 15.2 18.0 27.0
279 22.6 18.6 27.8

Manual Integrations
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Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#92
Benzo(g,h,i)perylene
Concen: 54.103 ng
RT: 17.615 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF126933.D
Acq: 17 Feb 2022 18:17



Tgt Ion:276 Resp: 511171
Ion Ratio Lower Upper
276 100
277 23.1 18.5 27.7
138 20.2 25.9 38.9

