

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126932.D
 Acq On : 17 Feb 2022 17:48
 Operator : CG\JU
 Sample : N1571-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

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

Quant Time: Feb 18 03:43:32 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	90401	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	369803	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	186924	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	318807	20.000	ng	0.00
76) Chrysene-d12	14.110	240	164077	20.000	ng	# 0.00
86) Perylene-d12	15.610	264	178087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	702558	120.115	ng	0.00
7) Phenol-d6	6.557	99	944769	119.706	ng	0.00
23) Nitrobenzene-d5	7.498	82	659911	80.547	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	277758	129.059	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1016541	80.060	ng	0.00
79) Terphenyl-d14	13.045	244	896844	80.352	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	100015	37.368	ng	98
3) Pyridine	3.540	79	244132	34.776	ng	93
4) n-Nitrosodimethylamine	3.504	42	153781	44.718	ng	# 74
6) Aniline	6.592	93	405051	43.315	ng	93
8) 2-Chlorophenol	6.716	128	302242	48.160	ng	97
9) Benzaldehyde	6.487	77	193343	40.245	ng	99
10) Phenol	6.569	94	396163	49.677	ng	85
11) bis(2-Chloroethyl)ether	6.669	93	296723	47.439	ng	98
12) 1,3-Dichlorobenzene	6.875	146	307322	45.396	ng	98
13) 1,4-Dichlorobenzene	6.951	146	313293	45.648	ng	98
14) 1,2-Dichlorobenzene	7.098	146	297047	45.386	ng	99
15) Benzyl Alcohol	7.069	79	304149	45.744	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.204	45	448038	45.489	ng	96
17) 2-Methylphenol	7.175	107	260572	47.991	ng	94
18) Hexachloroethane	7.445	117	121177	46.062	ng	# 90
19) n-Nitroso-di-n-propyla...	7.339	70	244345	48.046	ng	98
20) 3+4-Methylphenols	7.328	107	334027	47.375	ng	# 79
22) Acetophenone	7.339	105	451103	46.330	ng	# 95
24) Nitrobenzene	7.516	77	357732	46.221	ng	99
25) Isophorone	7.751	82	655036	48.317	ng	# 98
26) 2-Nitrophenol	7.828	139	156711	47.557	ng	# 78
27) 2,4-Dimethylphenol	7.857	122	289811	53.536	ng	90
28) bis(2-Chloroethoxy)met...	7.957	93	378270	46.024	ng	98
29) 2,4-Dichlorophenol	8.069	162	241006	47.354	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	251458	44.193	ng	97
31) Naphthalene	8.239	128	1116090	57.815	ng	99
32) Benzoic acid	7.981	122	189380	49.328	ng	86
33) 4-Chloroaniline	8.281	127	200445	26.380	ng	96
34) Hexachlorobutadiene	8.345	225	146985	44.247	ng	98
35) Caprolactam	8.657	113	87892m	49.452	ng	
36) 4-Chloro-3-methylphenol	8.757	107	311468	47.885	ng	94
37) 2-Methylnaphthalene	8.928	142	772412	61.664	ng	98
38) 1-Methylnaphthalene	9.028	142	691447	57.644	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	238101	48.390	ng	98
41) Hexachlorocyclopentadiene	9.075	237	279171	104.609	ng	94
43) 2,4,6-Trichlorophenol	9.204	196	170693	47.298	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	181364	47.757	ng	95
46) 1,1'-Biphenyl	9.392	154	764373	51.613	ng	97
47) 2-Chloronaphthalene	9.416	162	523278	47.648	ng	93
48) 2-Nitroaniline	9.516	65	212973	49.143	ng	97
49) Acenaphthylene	9.833	152	887653	49.758	ng	98
50) Dimethylphthalate	9.692	163	638915	47.819	ng	99
51) 2,6-Dinitrotoluene	9.757	165	134557	49.499	ng	# 79
52) Acenaphthene	10.010	154	1015660m	87.544	ng	
53) 3-Nitroaniline	9.928	138	112217	33.771	ng	91
54) 2,4-Dinitrophenol	10.033	184	140252	97.477	ng	# 87
55) Dibenzofuran	10.186	168	1250280	78.372	ng	93
56) 4-Nitrophenol	10.086	139	234828	95.684	ng	# 87
57) 2,4-Dinitrotoluene	10.163	165	192505	52.376	ng	# 99
58) Fluorene	10.528	166	1213355	97.642	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	139737	46.413	ng	98
60) Diethylphthalate	10.392	149	681933	48.845	ng	99
61) 4-Chlorophenyl-phenyle...	10.516	204	276684	47.219	ng	99
62) 4-Nitroaniline	10.545	138	153166	46.679	ng	# 81
63) Azobenzene	10.675	77	725393	46.661	ng	87
65) 4,6-Dinitro-2-methylph...	10.569	198	86057	45.941	ng	83
66) n-Nitrosodiphenylamine	10.633	169	524839	50.205	ng	99
67) 4-Bromophenyl-phenylether	11.004	248	174259	48.921	ng	93
68) Hexachlorobenzene	11.069	284	183568	47.871	ng	# 94
69) Atrazine	11.163	200	170165	52.483	ng	95
70) Pentachlorophenol	11.269	266	199407	95.261	ng	98
71) Phenanthrene	11.498	178	2922202	163.762	ng	99
72) Anthracene	11.545	178	1107156	62.325	ng	99
73) Carbazole	11.698	167	776314	47.654	ng	99
74) Di-n-butylphthalate	12.016	149	1044810	49.889	ng	# 98
75) Fluoranthene	12.686	202	1842103	108.723	ng	95
77) Benzidine	12.798	184	403248	90.437	ng	97
78) Pyrene	12.916	202	1422741	99.808	ng	99
80) Butylbenzylphthalate	13.521	149	350015	51.866	ng	86
81) Benzo(a)anthracene	14.098	228	703975	63.642	ng	99
82) 3,3'-Dichlorobenzidine	14.057	252	120733	34.634	ng	# 97
83) Chrysene	14.133	228	642751	61.792	ng	98
84) Bis(2-ethylhexyl)phtha...	14.074	149	490385	55.349	ng	# 97
85) Di-n-octyl phthalate	14.692	149	749007	58.716	ng	98
87) Indeno(1,2,3-cd)pyrene	17.151	276	633517	54.252	ng	# 88
88) Benzo(b)fluoranthene	15.168	252	650034	54.346	ng	# 93
89) Benzo(k)fluoranthene	15.198	252	556492	48.237	ng	# 94
90) Benzo(a)pyrene	15.551	252	590503m	63.205	ng	
91) Dibenzo(a,h)anthracene	17.168	278	519927	53.835	ng	# 93
92) Benzo(g,h,i)perylene	17.621	276	546043	57.350	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: BF126932.D
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Instrument :

BNA_F

ClientSampleId :

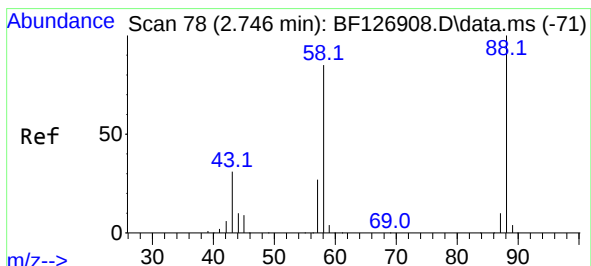
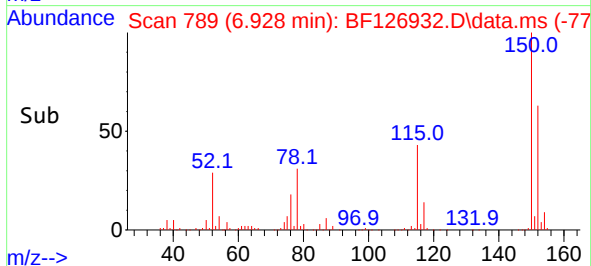
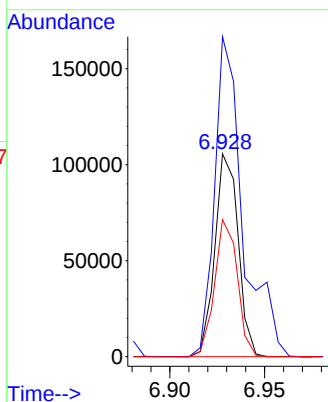
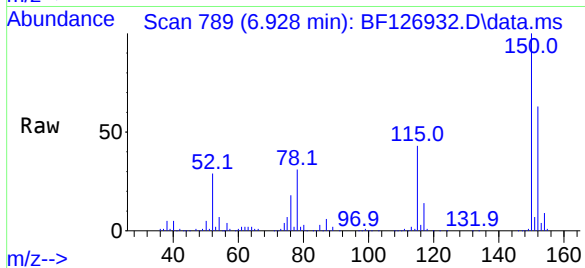
TP-3MS

Tgt Ion:152 Resp: 9040
Ion Ratio Lower Upper
152 100
150 157.7 128.1 192.1
115 67.6 56.7 85.1

Manual Integrations

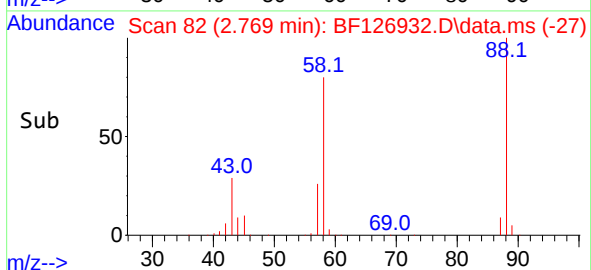
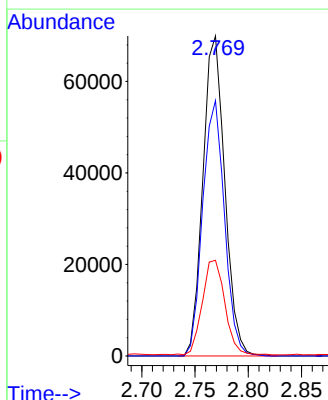
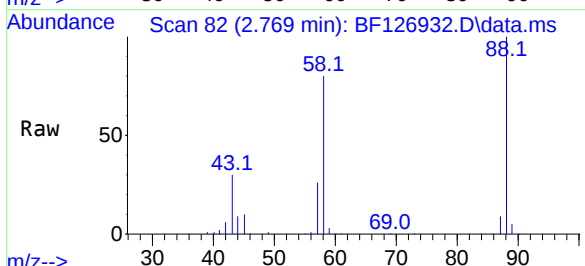
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Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#2
1,4-Dioxane
Concen: 37.368 ng
RT: 2.769 min Scan# 82
Delta R.T. 0.024 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

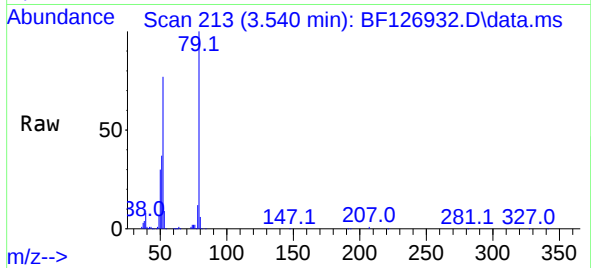
Tgt Ion: 88 Resp: 100015
Ion Ratio Lower Upper
88 100
58 79.3 62.8 94.2
43 30.6 22.3 33.5





#3
Pyridine
Concen: 34.776 ng
RT: 3.540 min Scan# 213
Delta R.T. 0.024 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

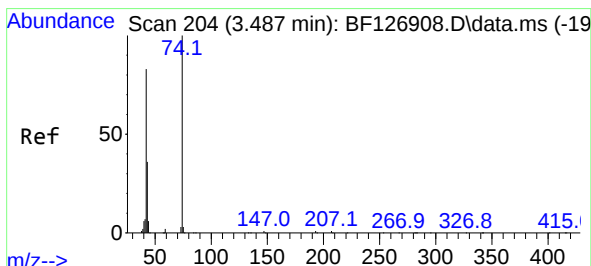
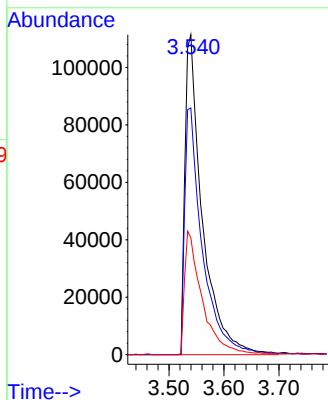
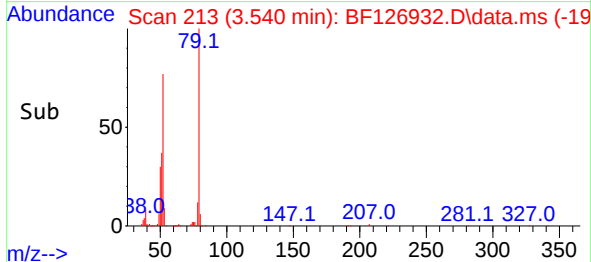
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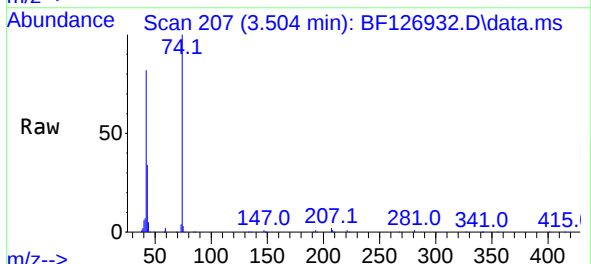
Tgt Ion: 79 Resp: 24413
Ion Ratio Lower Upper
79 100
52 77.1 56.2 84.4
51 36.5 26.7 40.1

Manual Integrations
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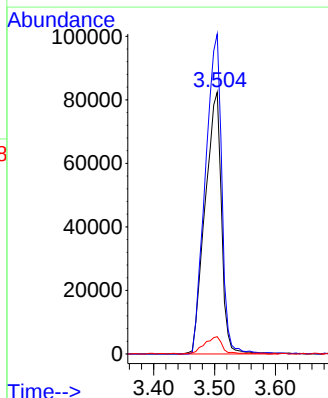
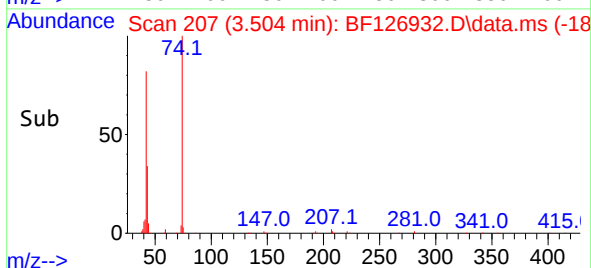
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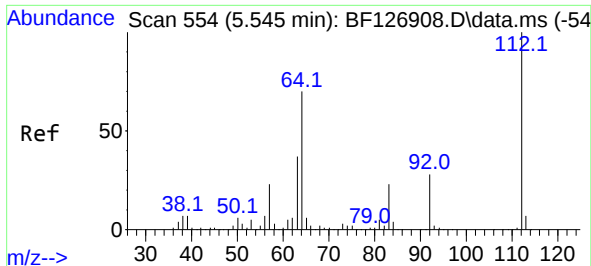


#4
n-Nitrosodimethylamine
Concen: 44.718 ng
RT: 3.504 min Scan# 207
Delta R.T. 0.018 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



Tgt Ion: 42 Resp: 153781
Ion Ratio Lower Upper
42 100
74 122.2 125.6 188.4
44 6.6 5.7 8.5





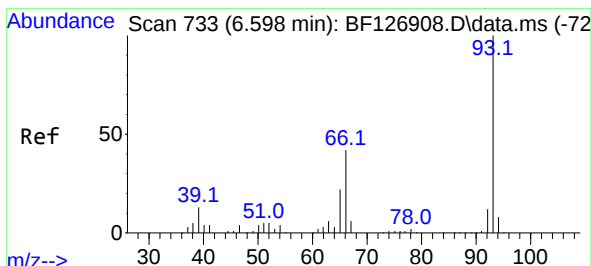
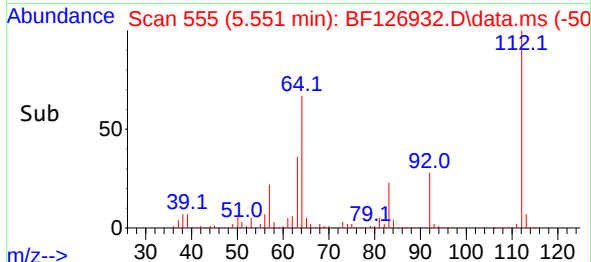
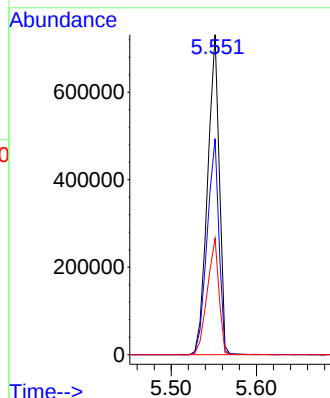
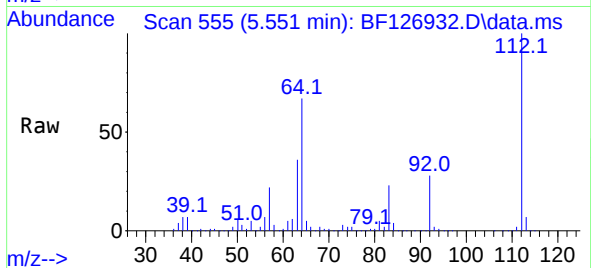
#5
2-Fluorophenol
Concen: 120.115 ng
RT: 5.551 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:112 Resp: 70255
Ion Ratio Lower Upper
112 100
64 67.5 49.5 74.3
63 36.3 23.9 35.9

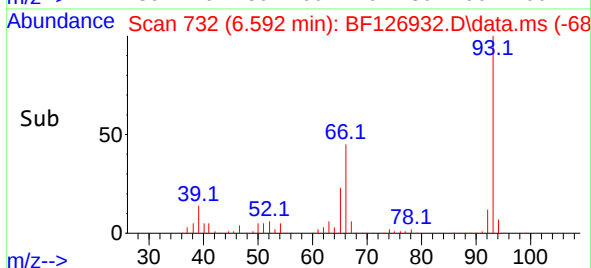
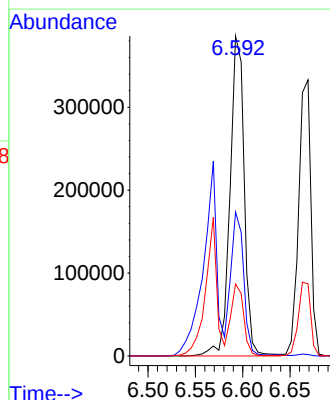
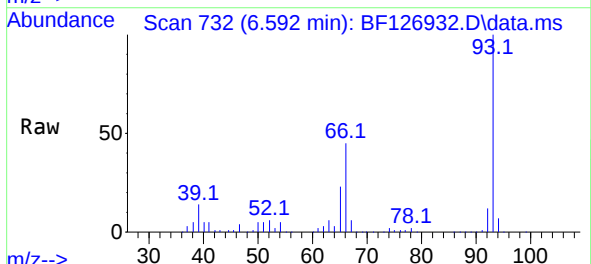
Manual Integrations
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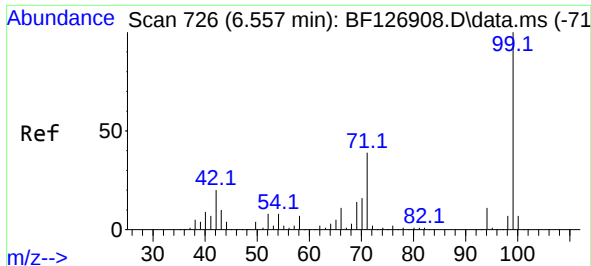
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#6
Aniline
Concen: 43.315 ng
RT: 6.592 min Scan# 732
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

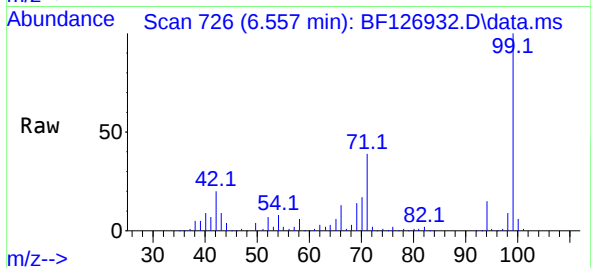
Tgt Ion: 93 Resp: 405051
Ion Ratio Lower Upper
93 100
66 45.0 32.2 48.4
65 22.5 16.3 24.5





#7
Phenol-d6
Concen: 119.706 ng
RT: 6.557 min Scan# 726
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

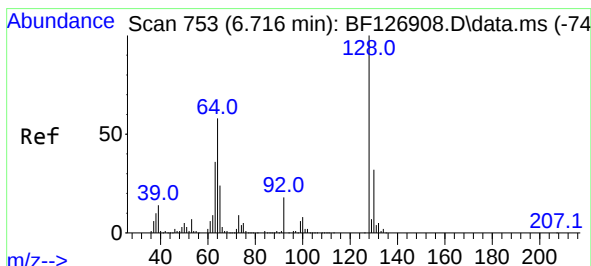
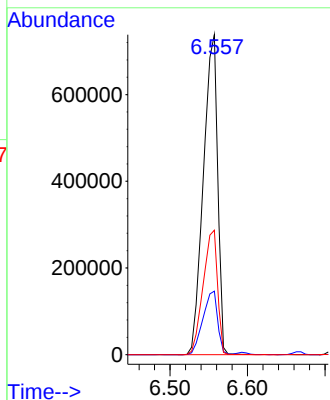
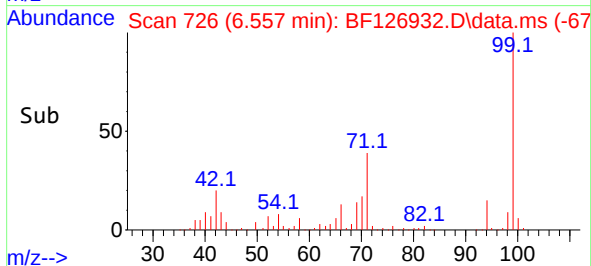
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ClientSampleId :
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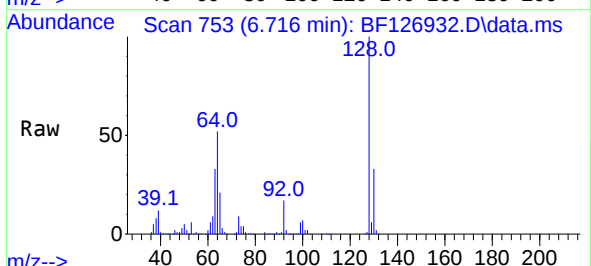
Tgt Ion: 99 Resp: 944769
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 38.9 24.3 36.5

Manual Integrations
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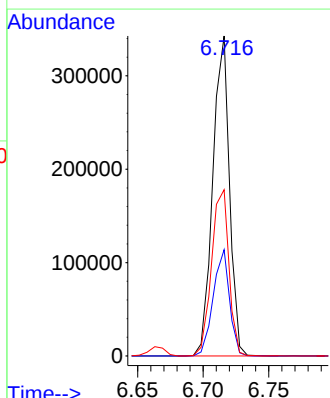
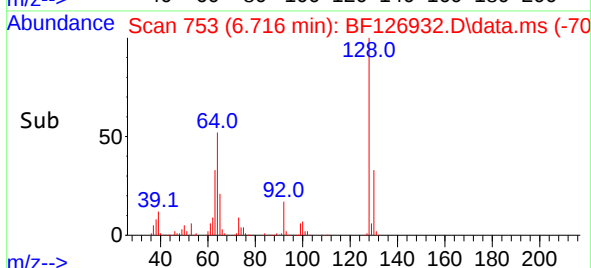
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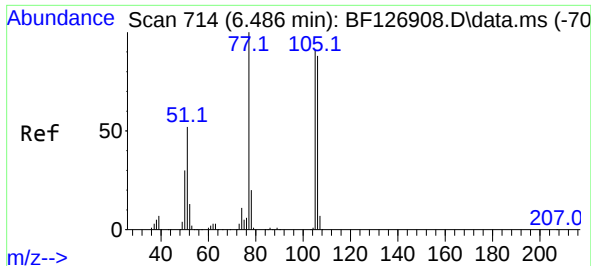


#8
2-Chlorophenol
Concen: 48.160 ng
RT: 6.716 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



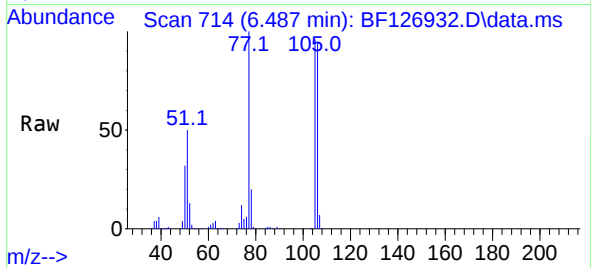
Tgt Ion:128 Resp: 302242
Ion Ratio Lower Upper
128 100
130 33.2 12.7 52.7
64 52.0 35.6 75.6





#9
Benzaldehyde
Concen: 40.245 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

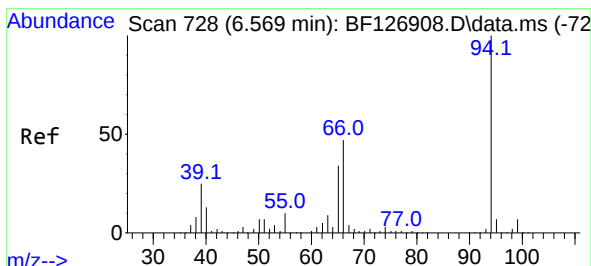
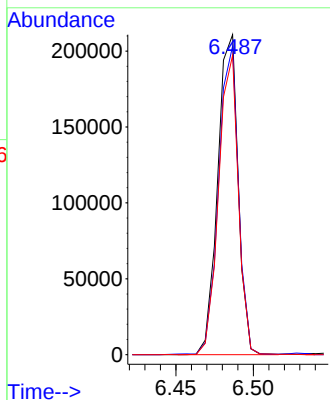
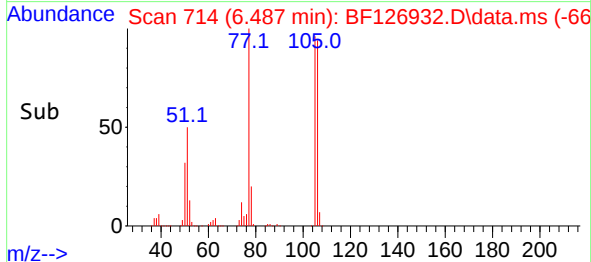
Instrument :
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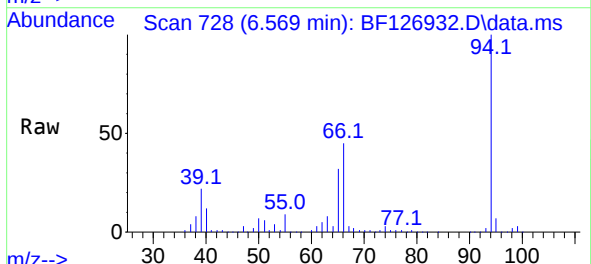
Tgt Ion: 77 Resp: 19334
Ion Ratio Lower Upper
77 100
105 96.4 74.9 114.9
106 93.6 72.4 112.4

Manual Integrations
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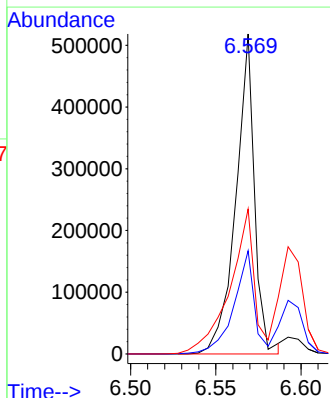
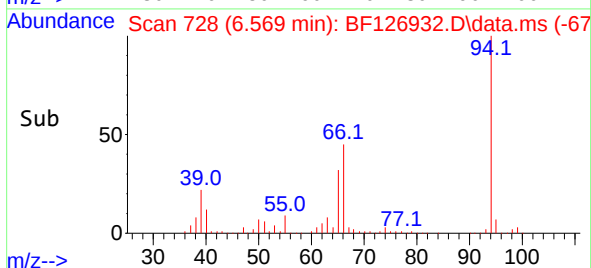
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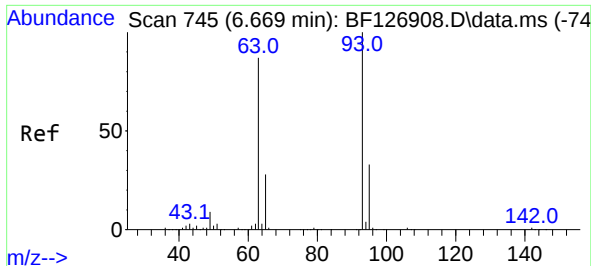


#10
Phenol
Concen: 49.677 ng
RT: 6.569 min Scan# 728
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



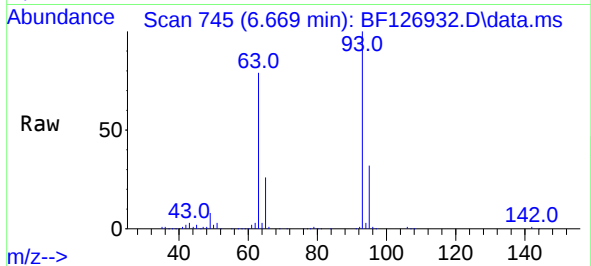
Tgt Ion: 94 Resp: 396163
Ion Ratio Lower Upper
94 100
65 32.2 7.2 47.2
66 45.3 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 47.439 ng
RT: 6.669 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

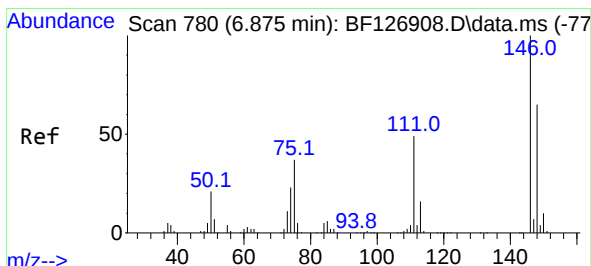
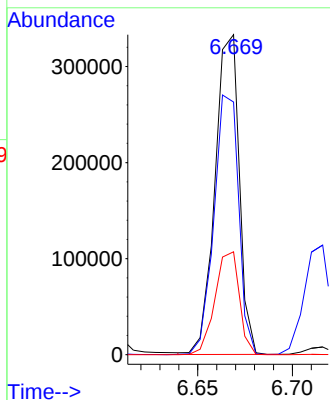
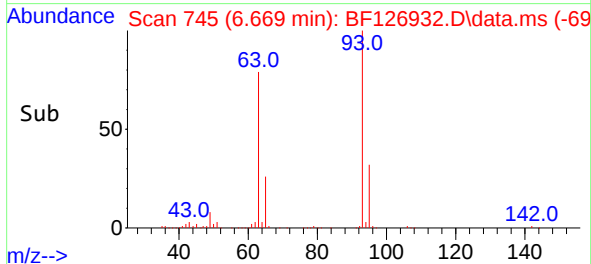
Instrument :
BNA_F
ClientSampleId :
TP-3MS



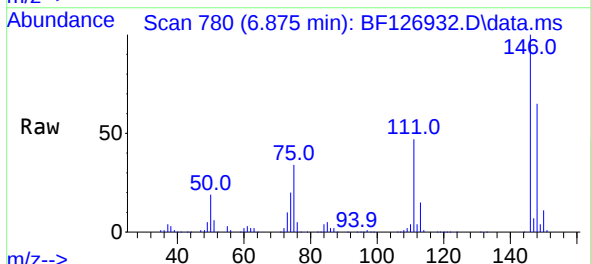
Tgt Ion: 93 Resp: 296723
Ion Ratio Lower Upper
93 100
63 79.0 60.5 100.5
95 32.2 12.9 52.9

Manual Integrations
APPROVED

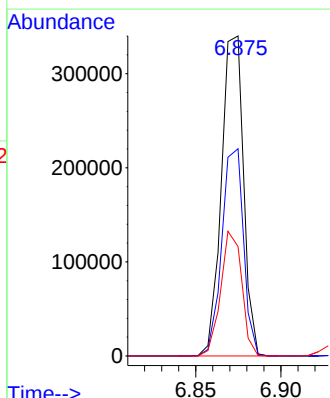
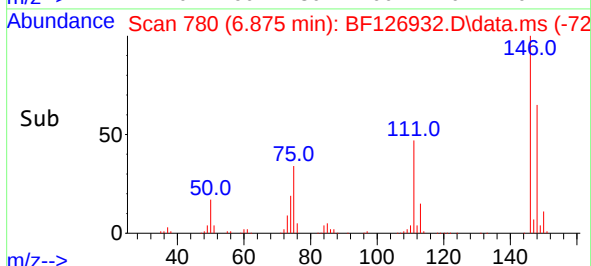
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

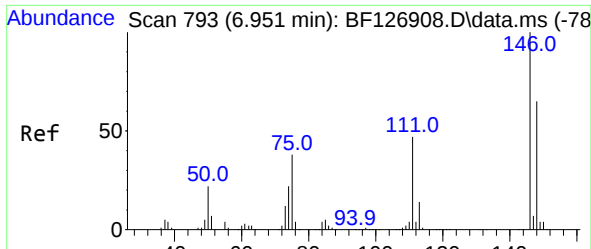


#12
1,3-Dichlorobenzene
Concen: 45.396 ng
RT: 6.875 min Scan# 780
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



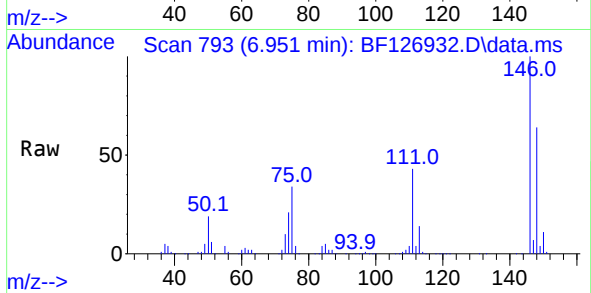
Tgt Ion:146 Resp: 307322
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
75 34.2 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 45.648 ng
RT: 6.951 min Scan# 793
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

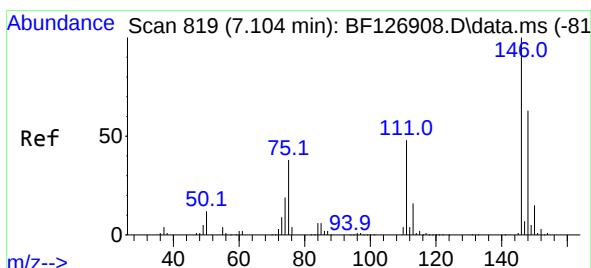
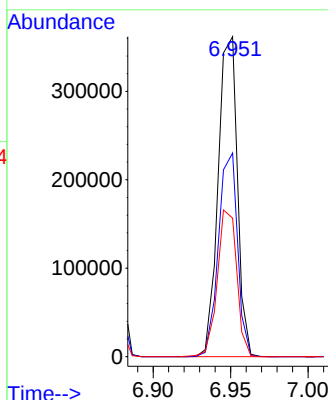
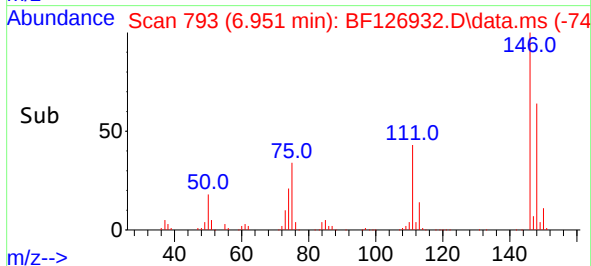
Instrument :
BNA_F
ClientSampleId :
TP-3MS



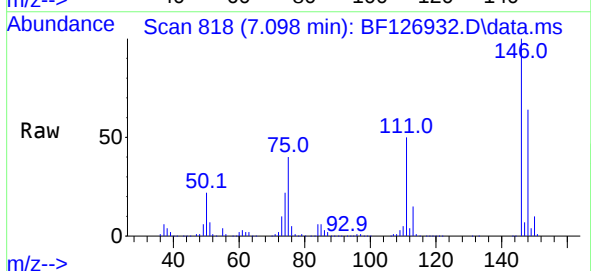
Tgt Ion:146 Resp: 31329
Ion Ratio Lower Upper
146 100
148 63.7 49.8 74.6
111 43.3 36.1 54.1

Manual Integrations
APPROVED

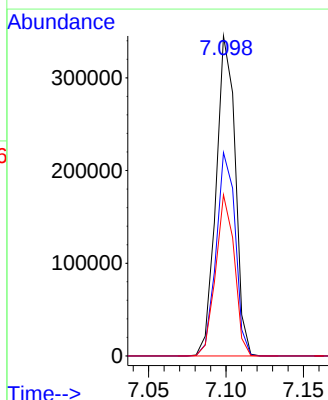
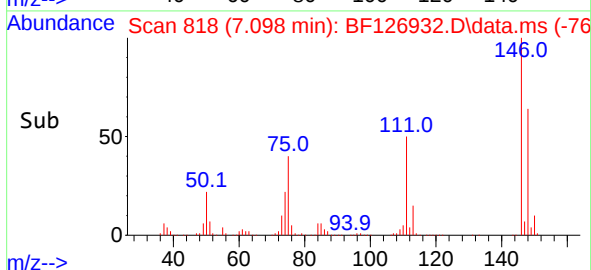
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

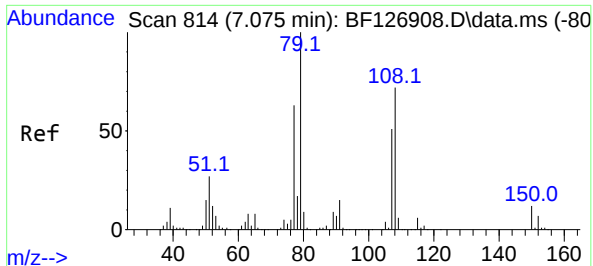


#14
1,2-Dichlorobenzene
Concen: 45.386 ng
RT: 7.098 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



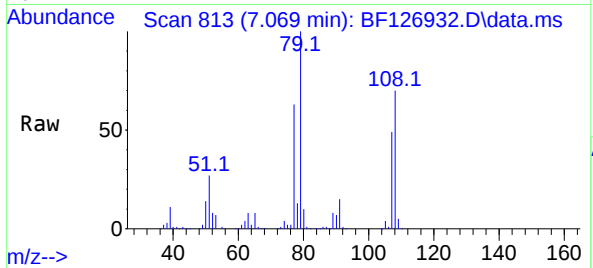
Tgt Ion:146 Resp: 297047
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
111 50.4 40.2 60.2





#15
Benzyl Alcohol
Concen: 45.744 ng
RT: 7.069 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

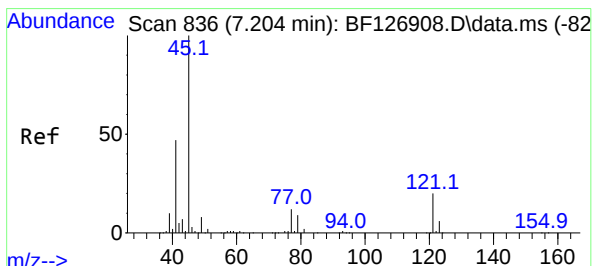
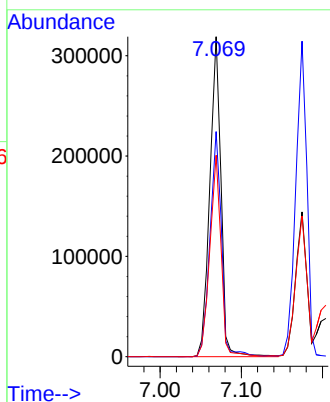
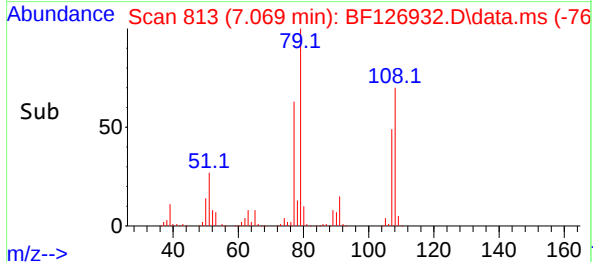
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion: 79 Resp: 304149
Ion Ratio Lower Upper
79 100
108 70.3 63.2 94.8
77 62.9 49.4 74.2

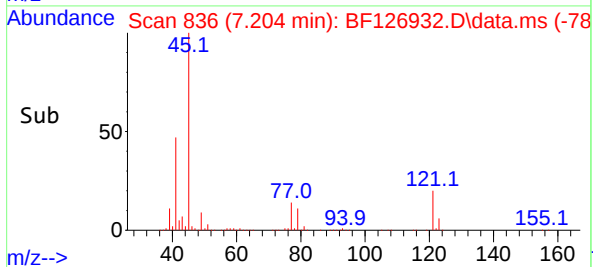
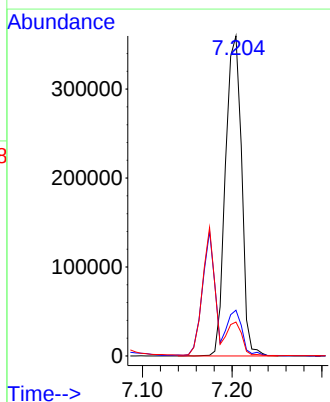
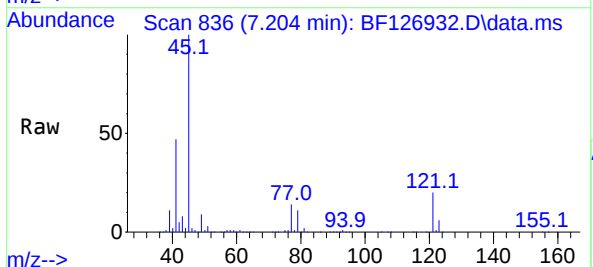
Manual Integrations
APPROVED

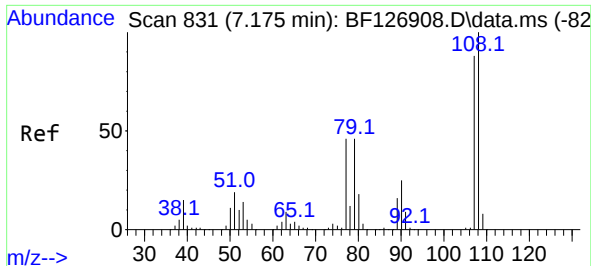
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.489 ng
RT: 7.204 min Scan# 836
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

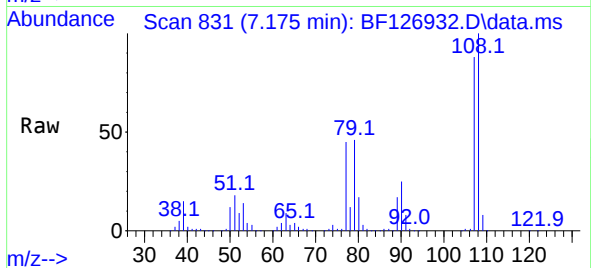
Tgt Ion: 45 Resp: 448038
Ion Ratio Lower Upper
45 100
77 14.3 0.0 32.4
79 10.6 0.0 29.8





#17
2-Methylphenol
Concen: 47.991 ng
RT: 7.175 min Scan# 831
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

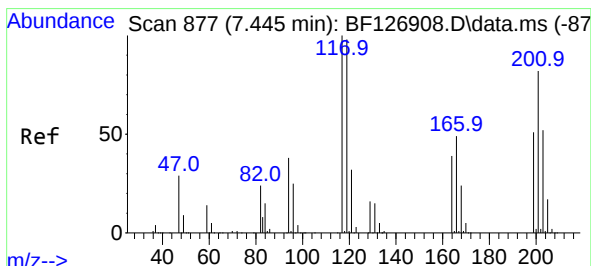
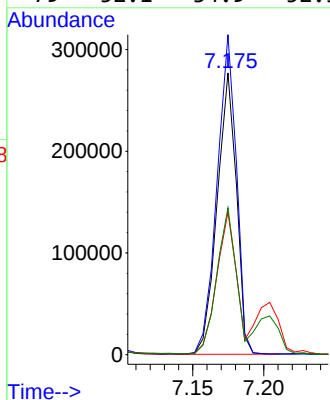
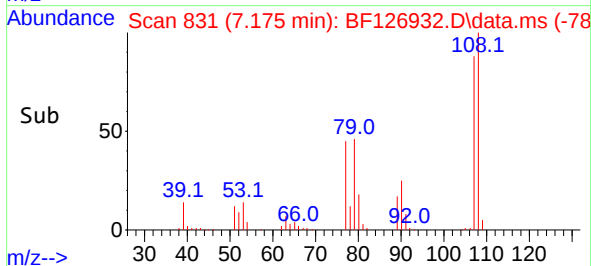
Instrument :
BNA_F
ClientSampleId :
TP-3MS



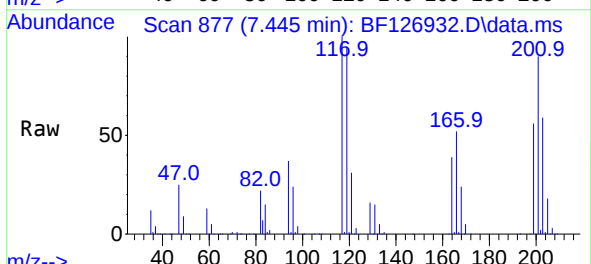
Tgt Ion:107 Resp: 260572
Ion Ratio Lower Upper
107 100
108 113.6 93.4 140.0
77 50.6 36.1 54.1
79 52.1 34.9 52.3

Manual Integrations
APPROVED

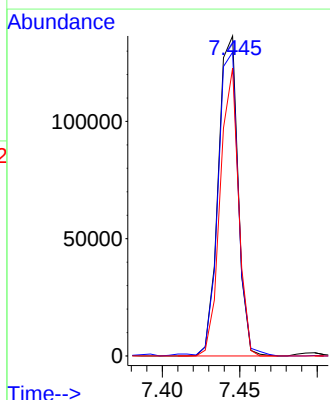
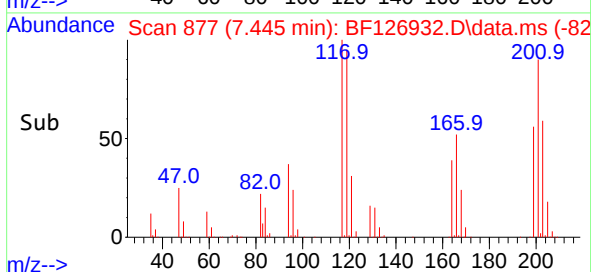
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

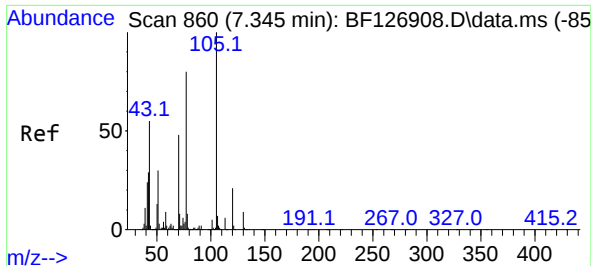


#18
Hexachloroethane
Concen: 46.062 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



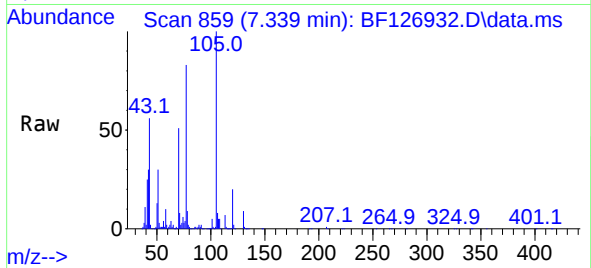
Tgt Ion:117 Resp: 121177
Ion Ratio Lower Upper
117 100
119 94.9 75.4 113.0
201 89.9 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 48.046 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

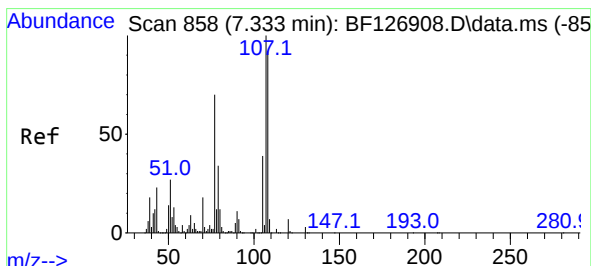
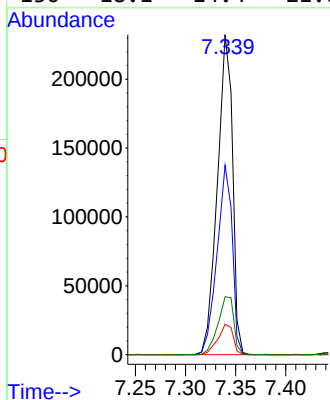
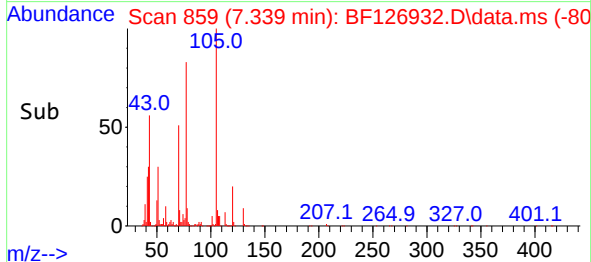
Instrument :
BNA_F
ClientSampleId :
TP-3MS



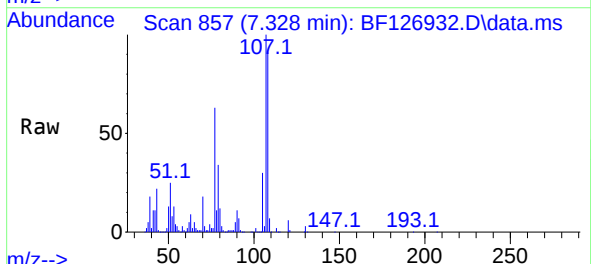
Tgt Ion: 70 Resp: 244349
Ion Ratio Lower Upper
70 100
42 59.1 45.8 68.8
101 9.5 6.9 10.3
130 18.1 14.4 21.6

Manual Integrations
APPROVED

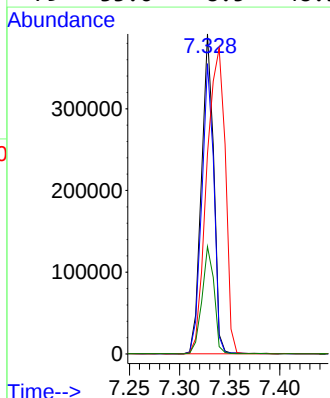
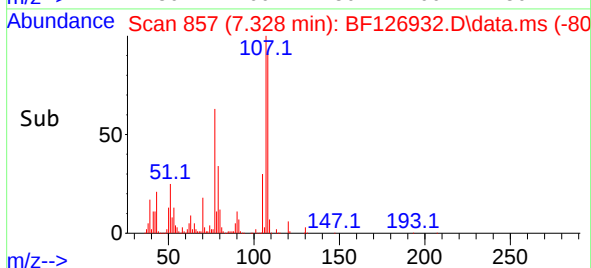
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

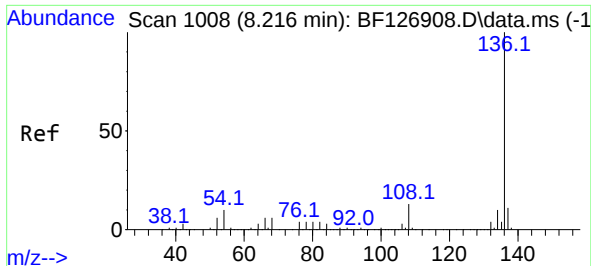


#20
3+4-Methylphenols
Concen: 47.375 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



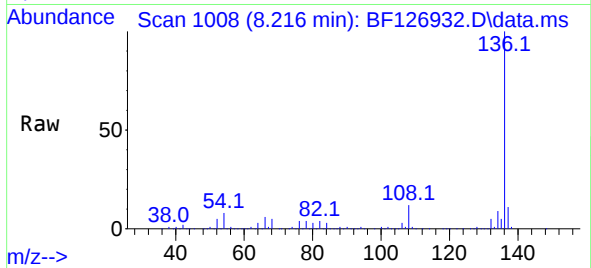
Tgt Ion:107 Resp: 334027
Ion Ratio Lower Upper
107 100
108 90.7 72.4 112.4
77 62.6 83.8 123.8#
79 33.6 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

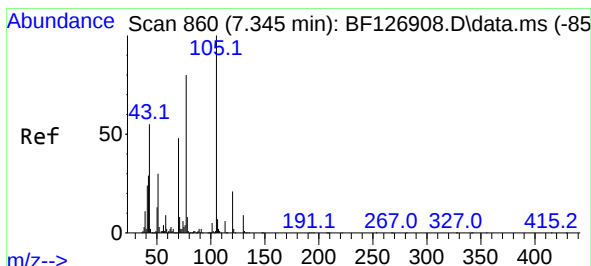
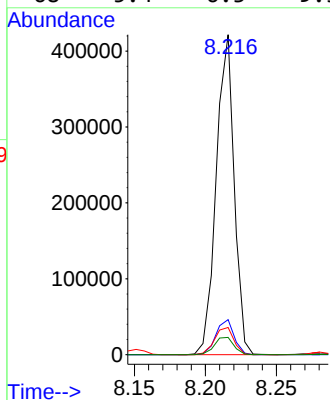
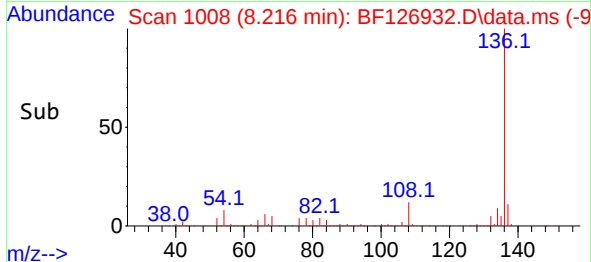
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:136 Resp: 369800
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.5 7.8 11.6
68 5.4 6.3 9.5#

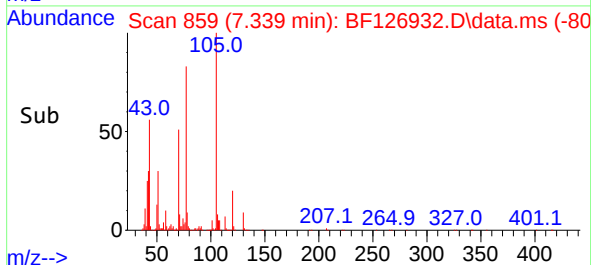
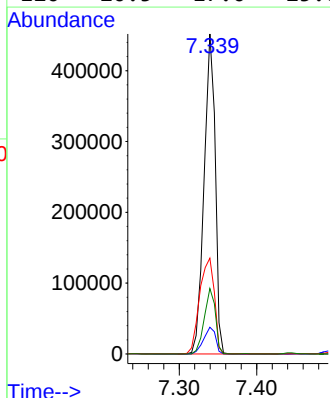
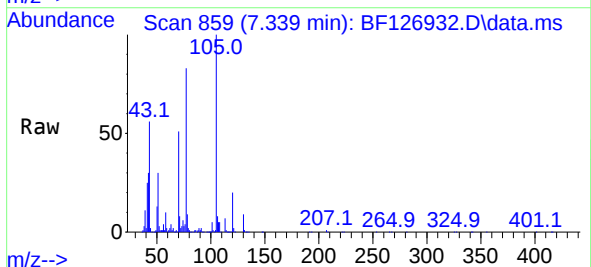
Manual Integrations
APPROVED

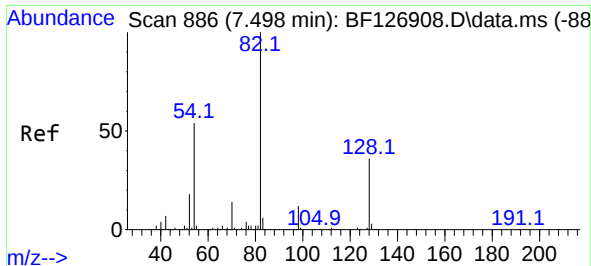
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#22
Acetophenone
Concen: 46.330 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

Tgt Ion:105 Resp: 451103
Ion Ratio Lower Upper
105 100
71 8.3 5.4 8.0#
51 29.9 27.4 41.0
120 20.5 17.0 25.6





#23
Nitrobenzene-d5
Concen: 80.547 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

Instrument :

BNA_F

ClientSampleId :

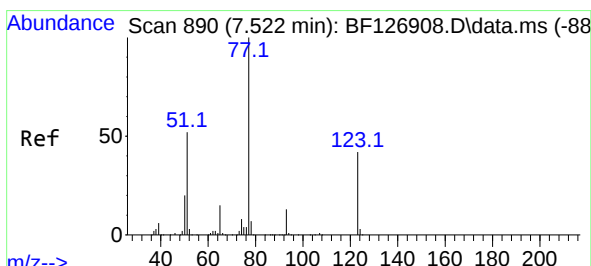
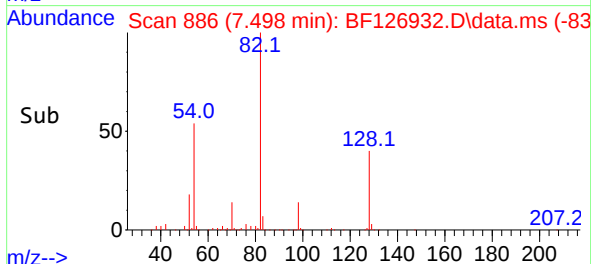
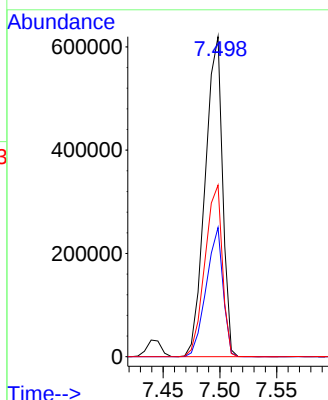
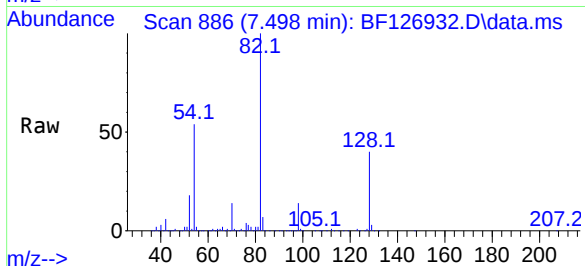
TP-3MS

Tgt Ion: 82 Resp: 65991
Ion Ratio Lower Upper
82 100
128 40.4 32.7 49.1
54 53.6 41.7 62.5

Manual Integrations

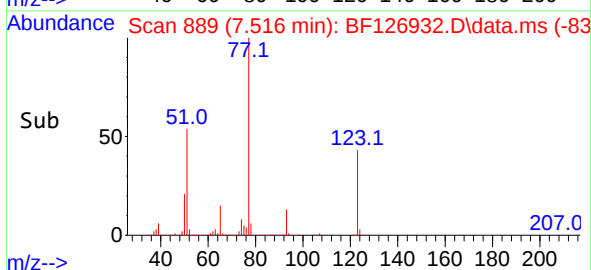
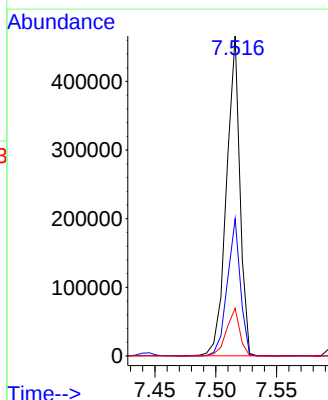
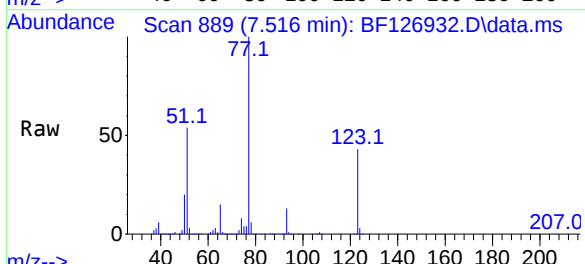
APPROVED

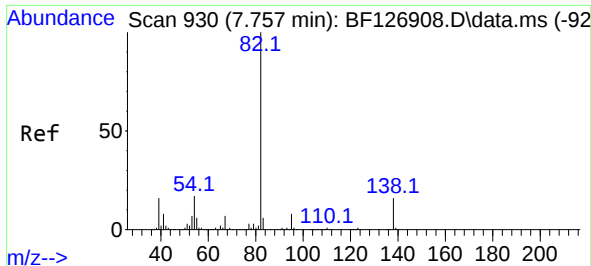
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#24
Nitrobenzene
Concen: 46.221 ng
RT: 7.516 min Scan# 889
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

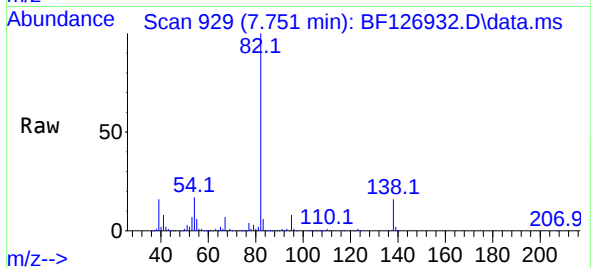
Tgt Ion: 77 Resp: 357732
Ion Ratio Lower Upper
77 100
123 42.9 34.6 52.0
65 14.9 10.6 15.8





#25
Isophorone
Concen: 48.317 ng
RT: 7.751 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

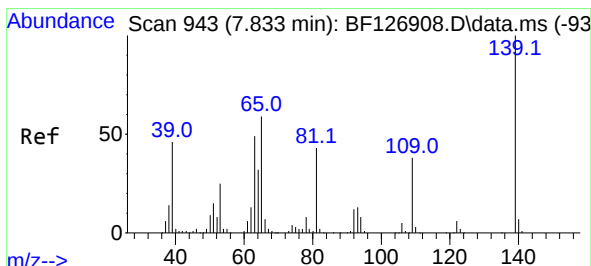
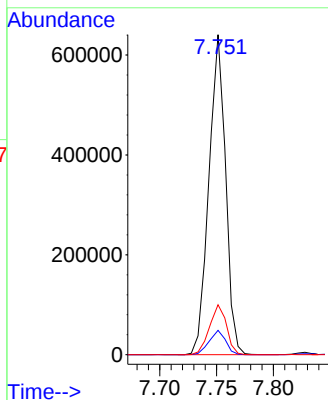
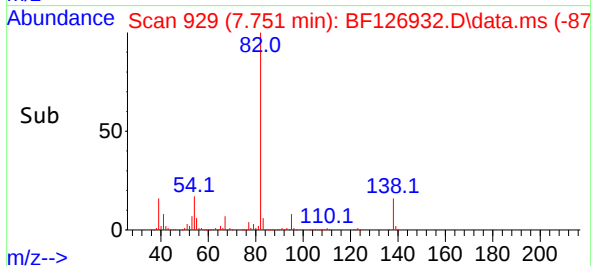
Instrument :
BNA_F
ClientSampleId :
TP-3MS



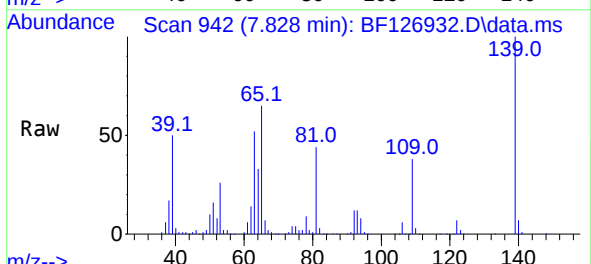
Tgt Ion: 82 Resp: 655030
Ion Ratio Lower Upper
82 100
95 7.6 5.0 7.4#
138 15.6 12.3 18.5

Manual Integrations
APPROVED

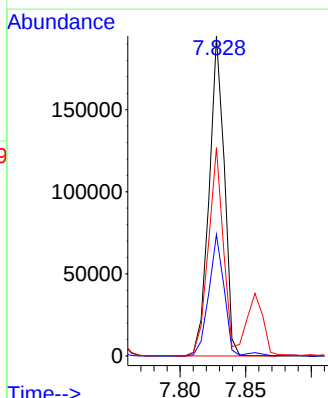
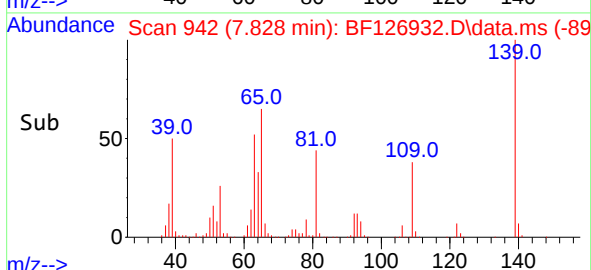
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

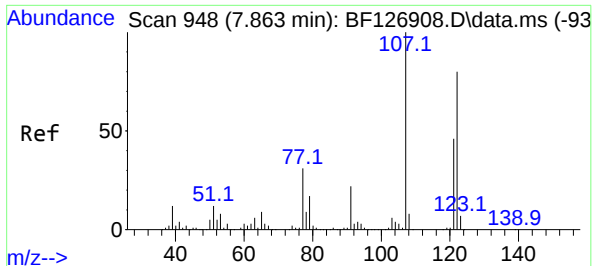


#26
2-Nitrophenol
Concen: 47.557 ng
RT: 7.828 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



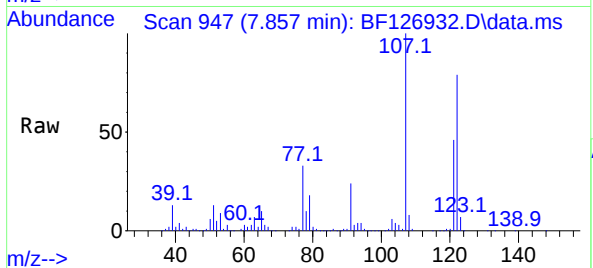
Tgt Ion:139 Resp: 156711
Ion Ratio Lower Upper
139 100
109 38.0 20.0 30.0#
65 65.1 40.8 61.2#





#27
2,4-Dimethylphenol
Concen: 53.536 ng
RT: 7.857 min Scan# 948
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

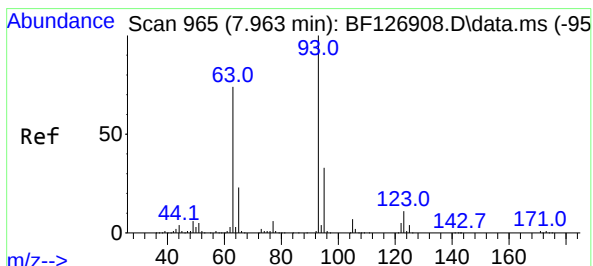
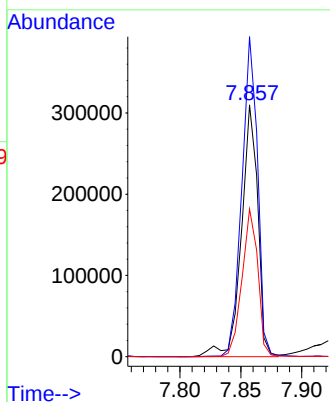
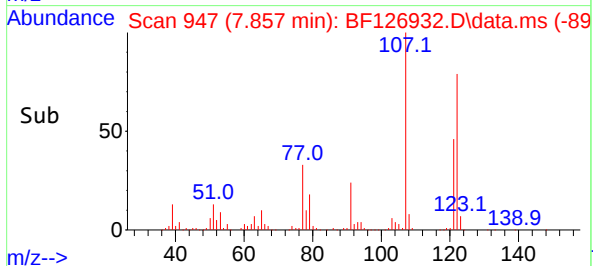
Instrument :
BNA_F
ClientSampleId :
TP-3MS



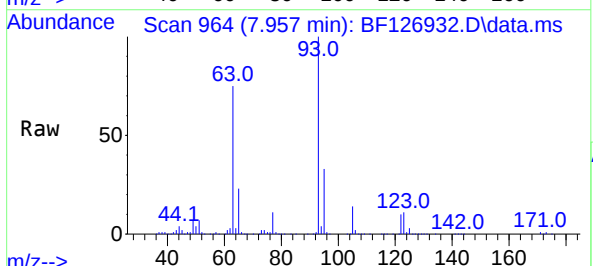
Tgt Ion:122 Resp: 289811
Ion Ratio Lower Upper
122 100
107 127.0 91.2 136.8
121 58.6 44.4 66.6

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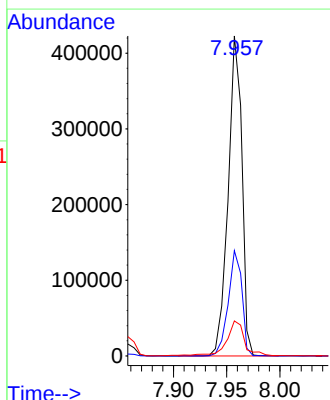
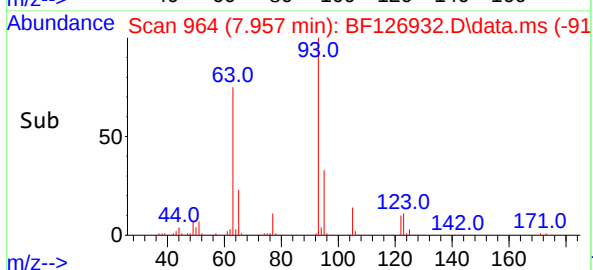
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

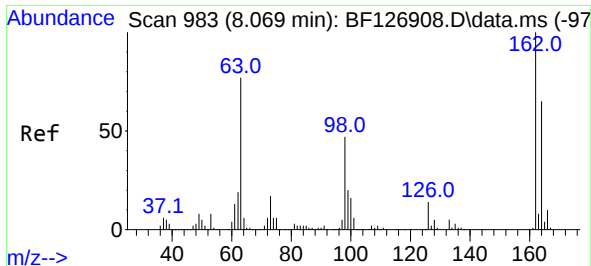


#28
bis(2-Chloroethoxy)methane
Concen: 46.024 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



Tgt Ion: 93 Resp: 378270
Ion Ratio Lower Upper
93 100
95 32.9 25.4 38.2
123 10.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 47.354 ng

RT: 8.069 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF126932.D

Acq: 17 Feb 2022 17:48

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:162 Resp: 241000

Ion Ratio Lower Upper

162 100

164 63.9 43.8 83.8

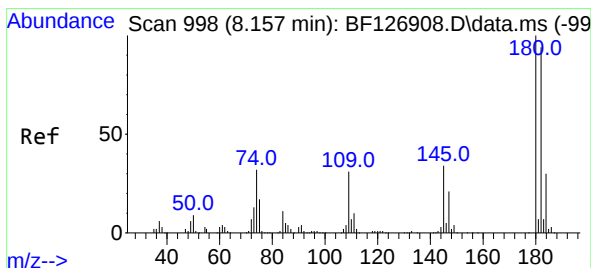
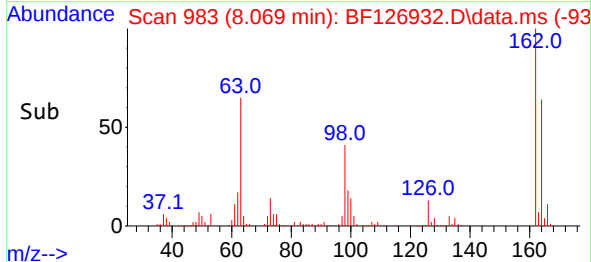
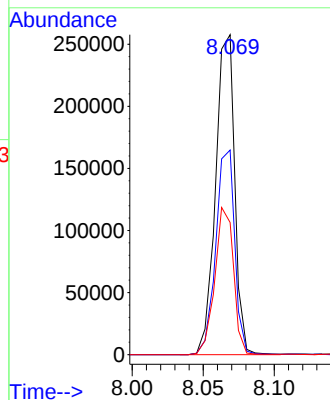
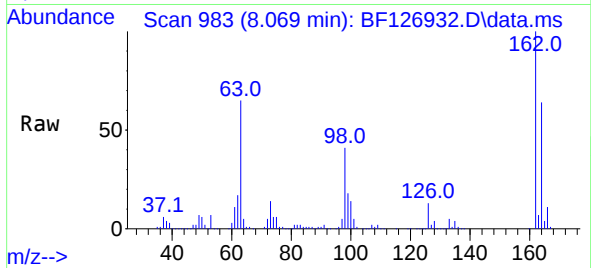
98 41.3 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/18/2022

Supervised By :Jagrut Upadhyay 02/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 44.193 ng

RT: 8.151 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF126932.D

Acq: 17 Feb 2022 17:48

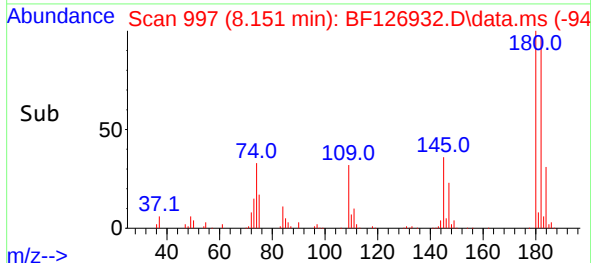
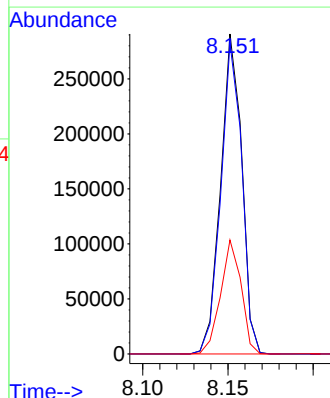
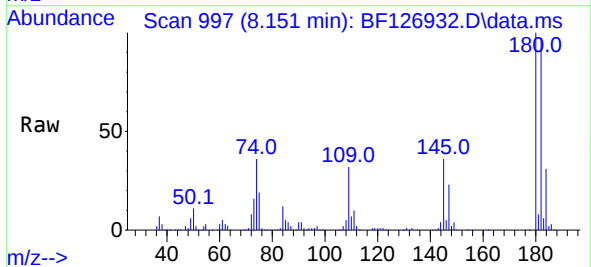
Tgt Ion:180 Resp: 251458

Ion Ratio Lower Upper

180 100

182 97.1 75.5 113.3

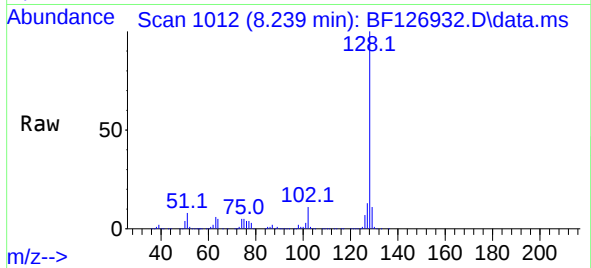
145 35.6 26.2 39.2





#31
Naphthalene
Concen: 57.815 ng
RT: 8.239 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

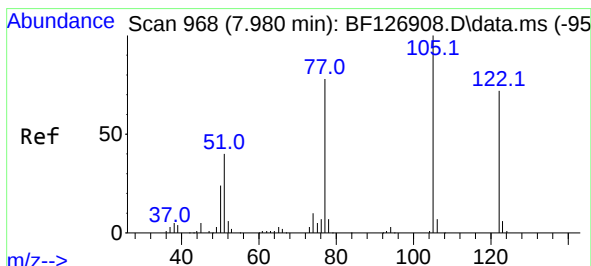
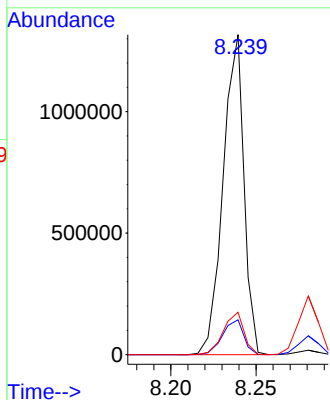
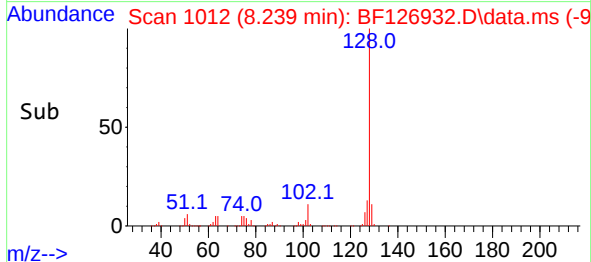
Instrument :
BNA_F
ClientSampleId :
TP-3MS



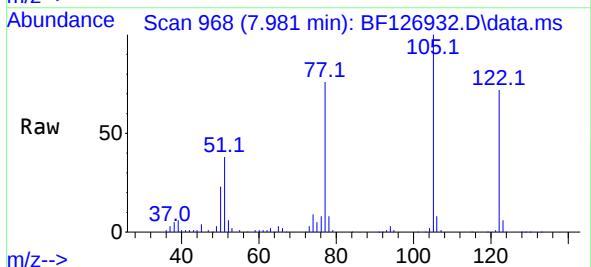
Tgt Ion:128 Resp: 1116090
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.3 10.3 15.5

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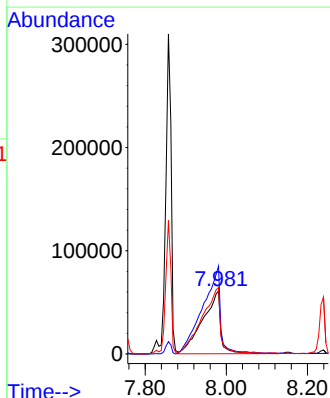
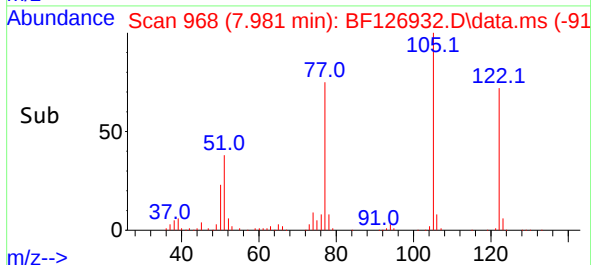
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#32
Benzoic acid
Concen: 49.328 ng
RT: 7.981 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



Tgt Ion:122 Resp: 189380
Ion Ratio Lower Upper
122 100
105 139.2 101.0 141.0
77 105.2 74.5 114.5





#33

4-Chloroaniline

Concen: 26.380 ng

RT: 8.281 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF126932.D

Acq: 17 Feb 2022 17:48

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:127 Resp: 20044

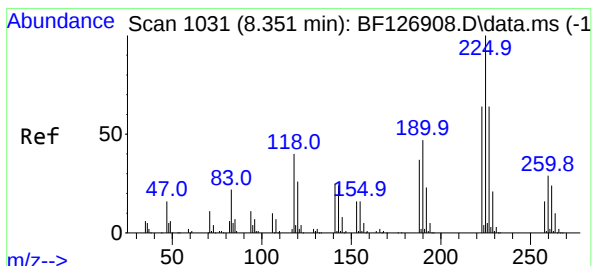
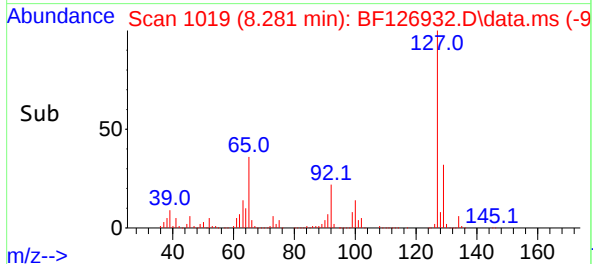
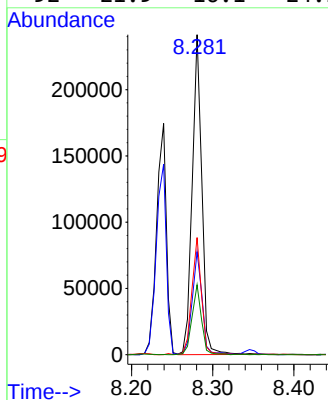
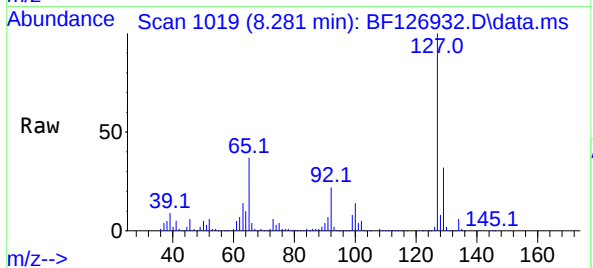
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	36.6	26.6	39.8
92	21.9	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/18/2022

Supervised By :Jagrut Upadhyay 02/18/2022



#34

Hexachlorobutadiene

Concen: 44.247 ng

RT: 8.345 min Scan# 1030

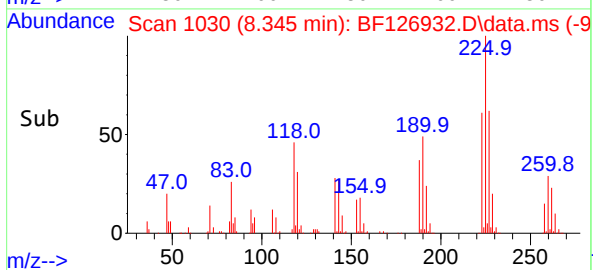
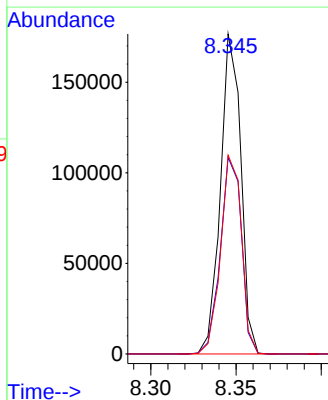
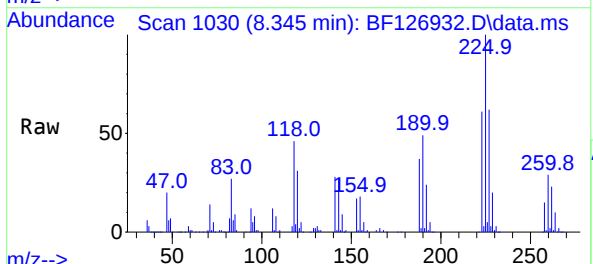
Delta R.T. -0.006 min

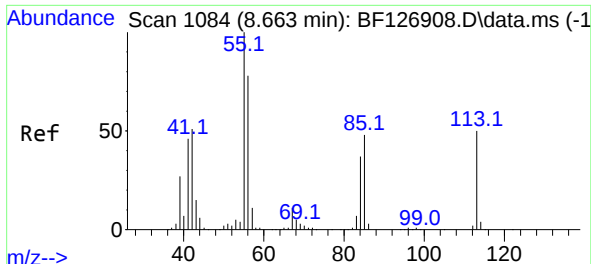
Lab File: BF126932.D

Acq: 17 Feb 2022 17:48

Tgt Ion:225 Resp: 146985

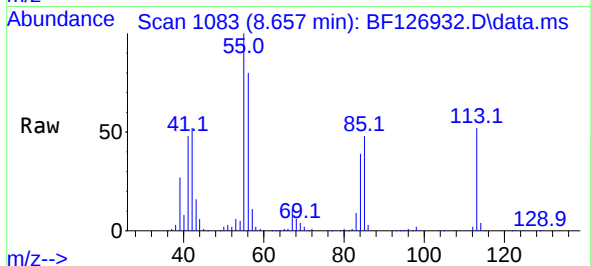
Ion	Ratio	Lower	Upper
225	100		
223	61.5	48.6	73.0
227	62.1	51.4	77.0





#35
Caprolactam
Concen: 49.452 ng m
RT: 8.657 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

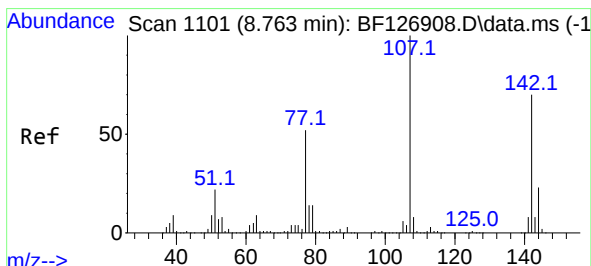
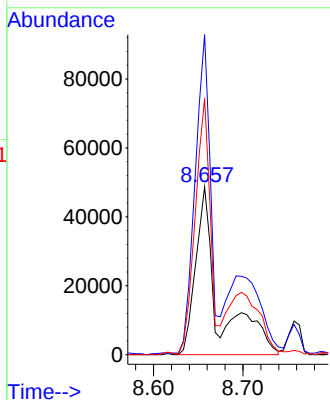
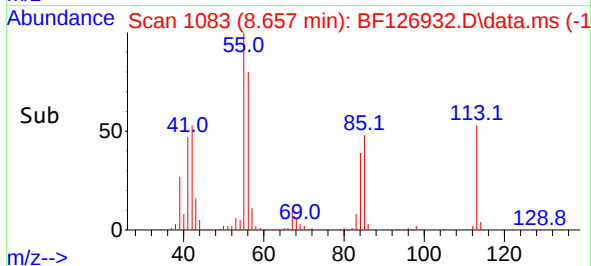
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:113 Resp: 87892
Ion Ratio Lower Upper
113 100
55 190.9 183.9 223.9
56 153.0 129.9 169.9

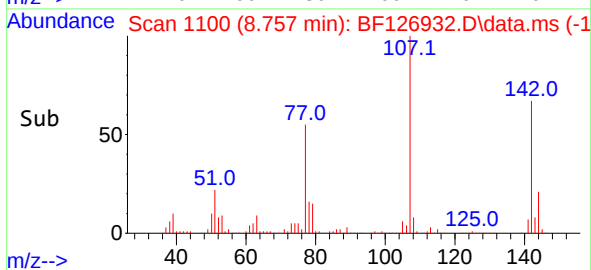
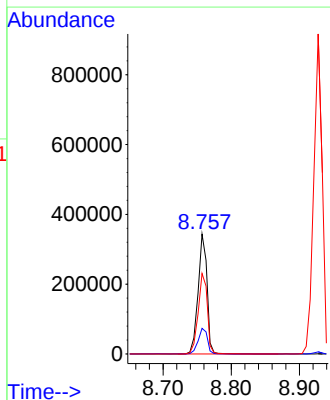
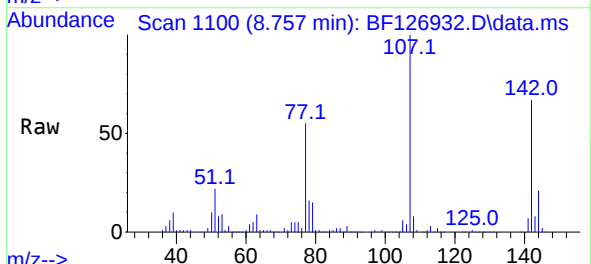
Manual Integrations
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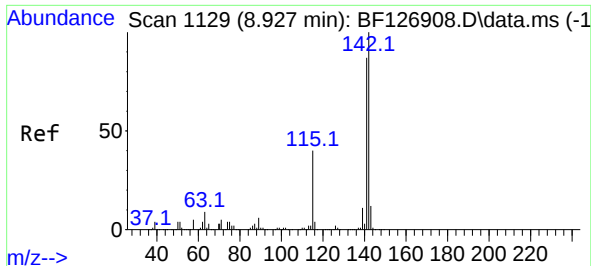
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#36
4-Chloro-3-methylphenol
Concen: 47.885 ng
RT: 8.757 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

Tgt Ion:107 Resp: 311468
Ion Ratio Lower Upper
107 100
144 21.4 18.5 27.7
142 67.2 58.1 87.1





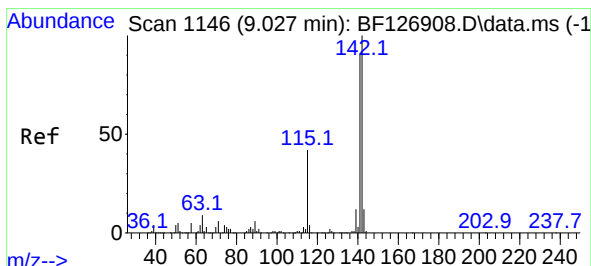
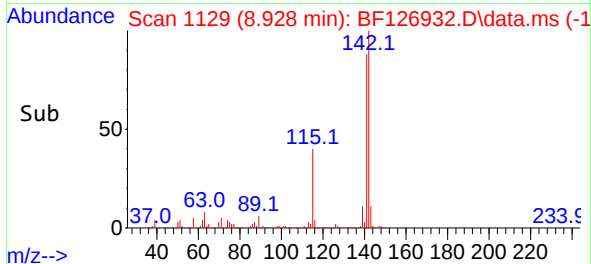
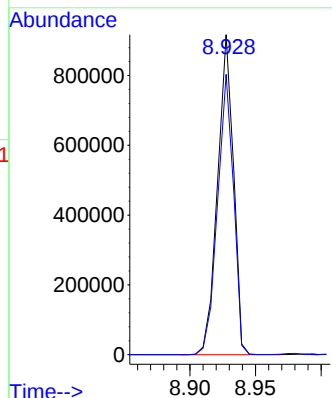
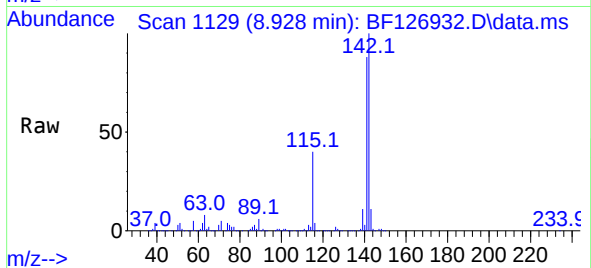
#37
2-Methylnaphthalene
Concen: 61.664 ng
RT: 8.928 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:142 Resp: 772412
Ion Ratio Lower Upper
142 100
141 87.6 68.6 102.8

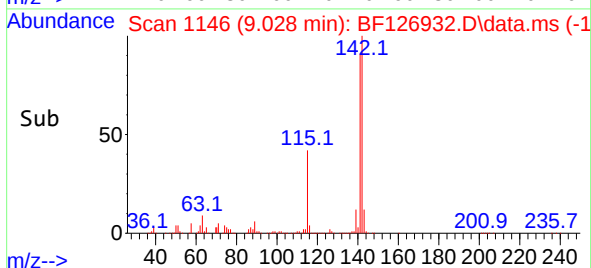
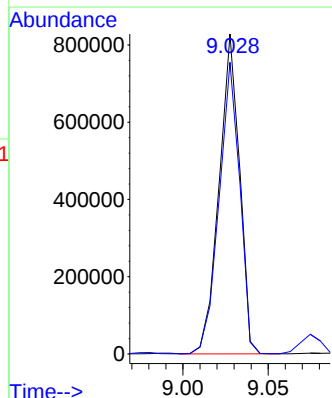
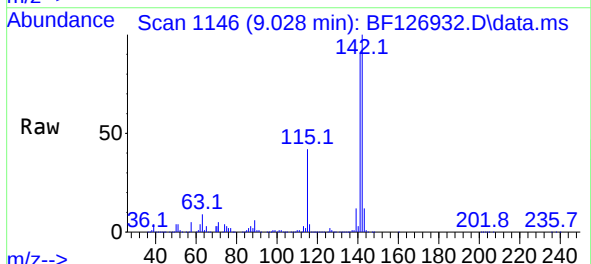
Manual Integrations
APPROVED

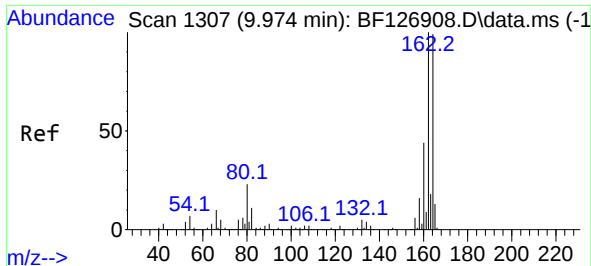
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#38
1-Methylnaphthalene
Concen: 57.644 ng
RT: 9.028 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

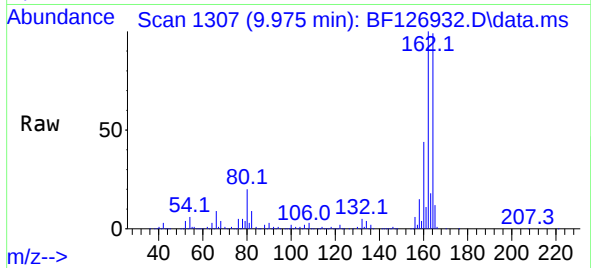
Tgt Ion:142 Resp: 691447
Ion Ratio Lower Upper
142 100
141 91.2 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

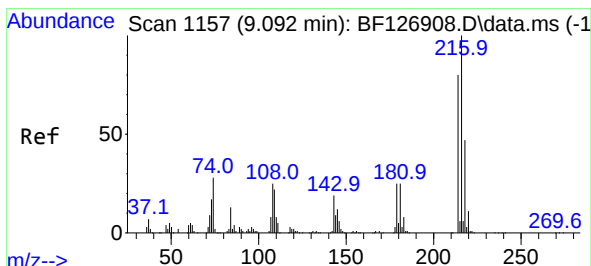
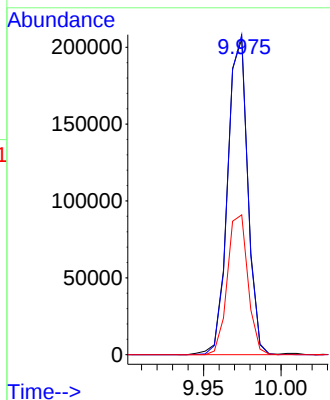
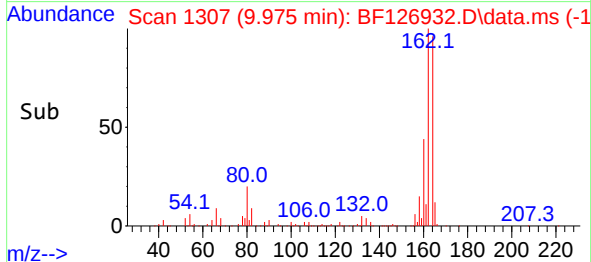
Instrument :
BNA_F
ClientSampleId :
TP-3MS



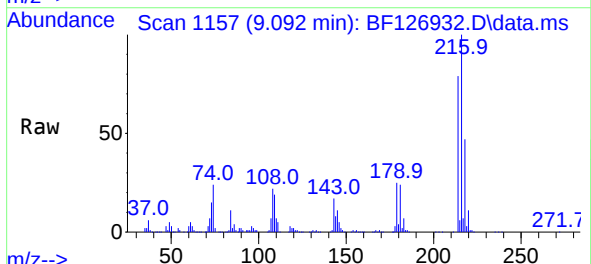
Tgt Ion:164 Resp: 186924
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 44.3 36.6 54.8

Manual Integrations
APPROVED

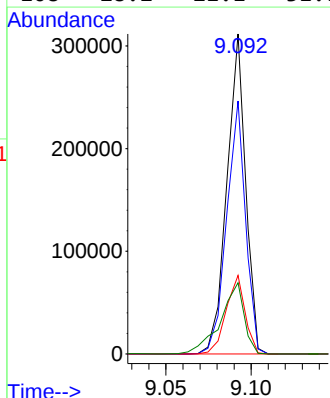
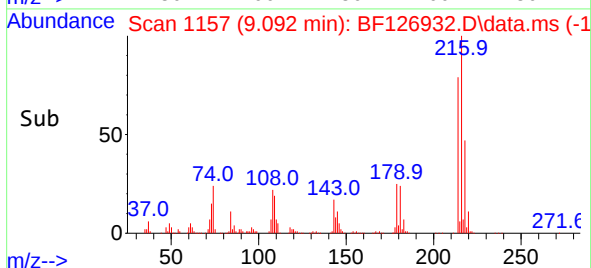
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

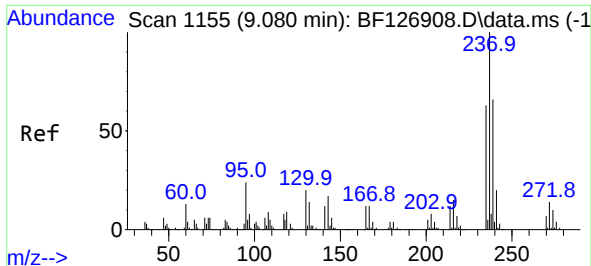


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.390 ng
RT: 9.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



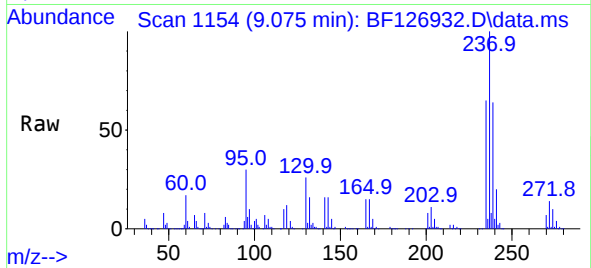
Tgt Ion:216 Resp: 238101
Ion Ratio Lower Upper
216 100
214 79.6 64.6 96.8
179 24.8 19.5 29.3
108 28.2 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 104.609 ng
RT: 9.075 min Scan# 1154
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

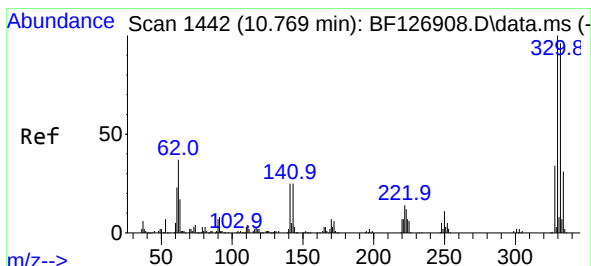
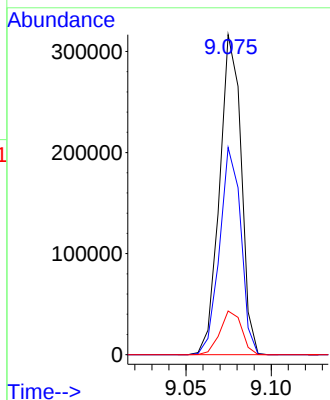
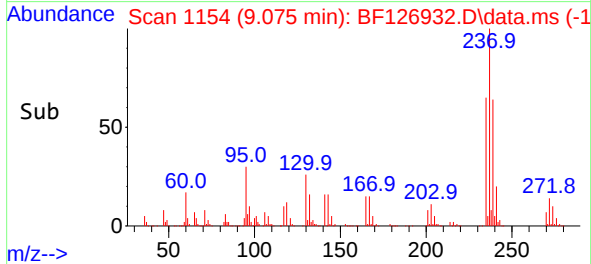
Instrument :
BNA_F
ClientSampleId :
TP-3MS



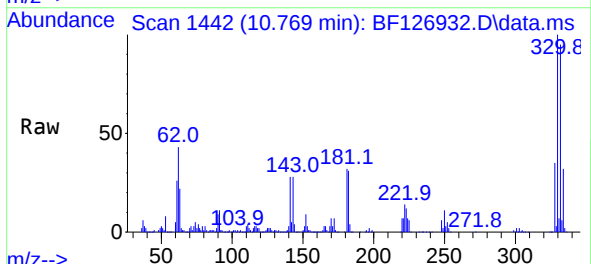
Tgt Ion:237 Resp: 27917
Ion Ratio Lower Upper
237 100
235 64.7 38.9 78.9
272 13.6 0.0 33.5

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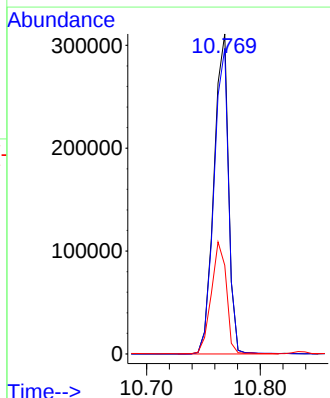
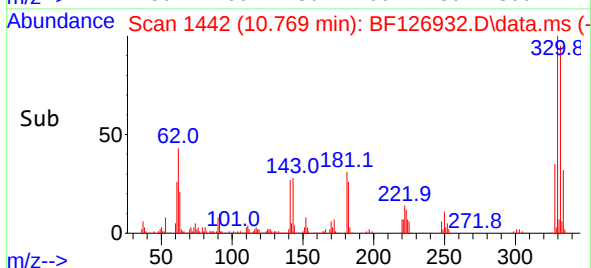
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

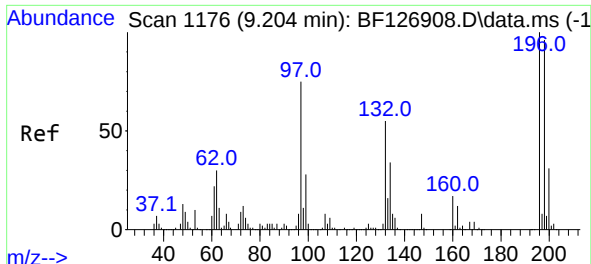


#42
2,4,6-Tribromophenol
Concen: 129.059 ng
RT: 10.769 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



Tgt Ion:330 Resp: 277758
Ion Ratio Lower Upper
330 100
332 96.5 76.0 114.0
141 36.0 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 47.298 ng

RT: 9.204 min Scan# 1176

Delta R.T. 0.000 min

Lab File: BF126932.D

Acq: 17 Feb 2022 17:48

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:196 Resp: 17069

Ion Ratio Lower Upper

196 100

198 96.7 78.5 117.7

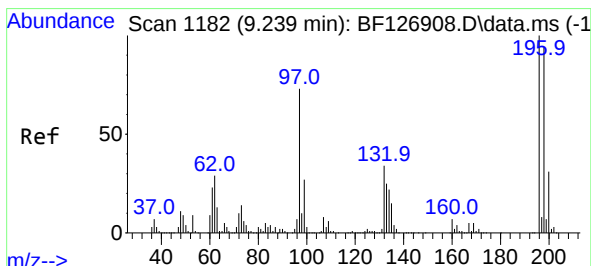
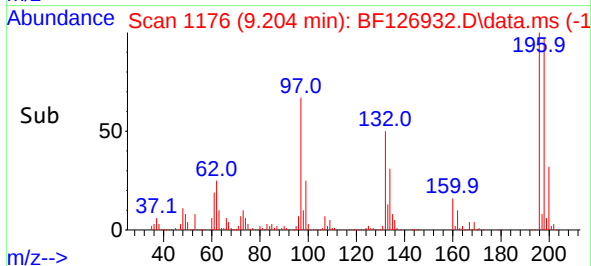
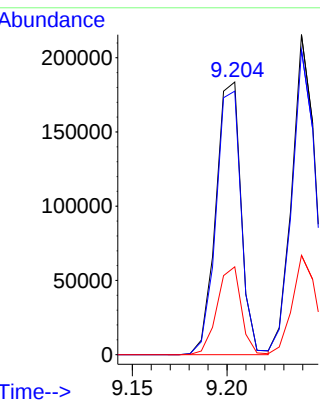
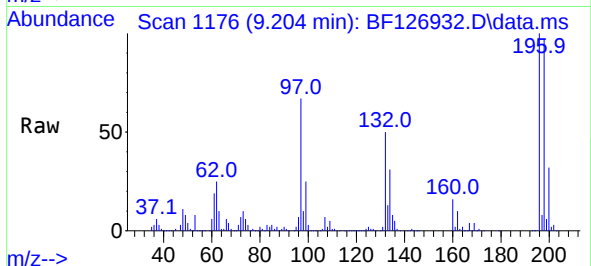
200 32.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/18/2022

Supervised By :Jagrut Upadhyay 02/18/2022



#44

2,4,5-Trichlorophenol

Concen: 47.757 ng

RT: 9.239 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF126932.D

Acq: 17 Feb 2022 17:48

Tgt Ion:196 Resp: 181364

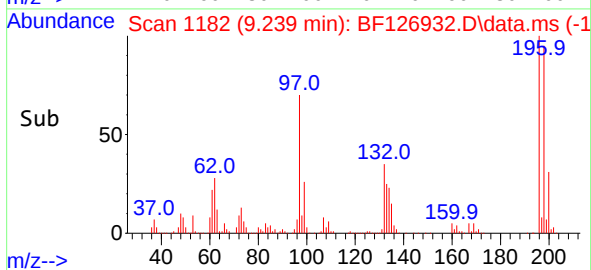
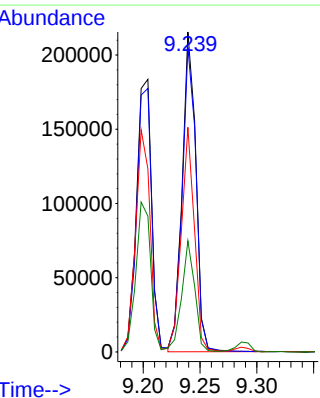
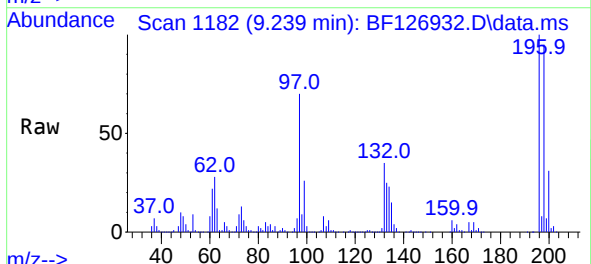
Ion Ratio Lower Upper

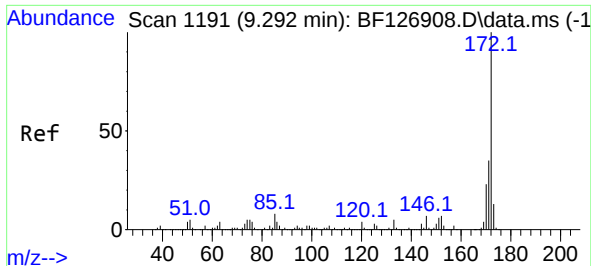
196 100

198 95.2 82.0 123.0

97 70.2 53.5 80.3

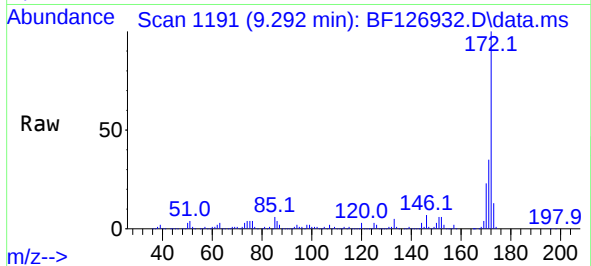
132 34.8 28.7 43.1





#45
2-Fluorobiphenyl
Concen: 80.060 ng
RT: 9.292 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

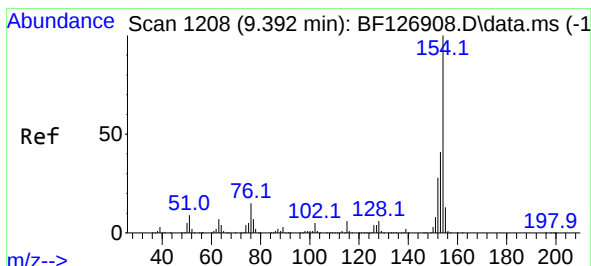
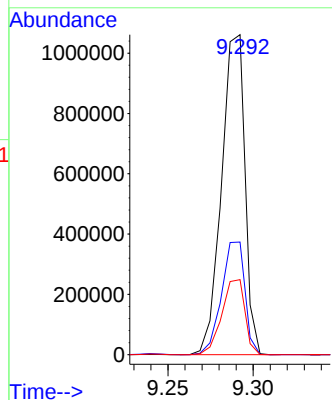
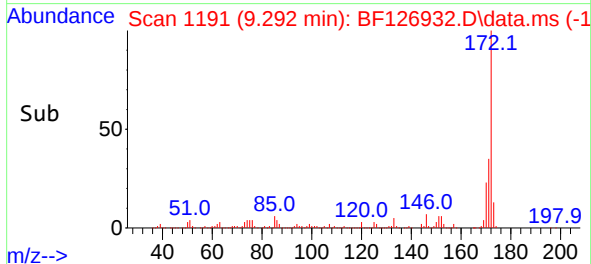
Instrument :
BNA_F
ClientSampleId :
TP-3MS



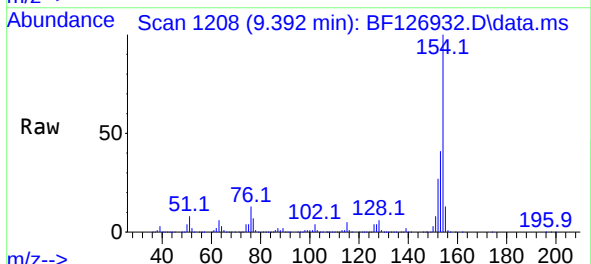
Tgt Ion:172 Resp: 101654
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.5 19.0 28.6

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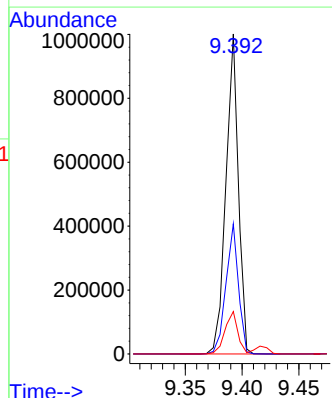
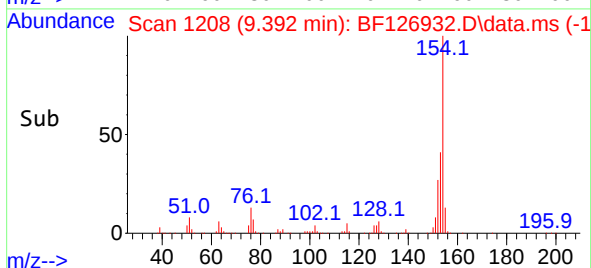
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#46
1,1'-Biphenyl
Concen: 51.613 ng
RT: 9.392 min Scan# 1208
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



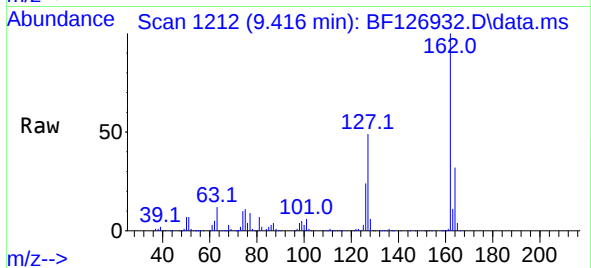
Tgt Ion:154 Resp: 764373
Ion Ratio Lower Upper
154 100
153 40.6 19.0 59.0
76 13.2 0.0 34.5





#47
2-Chloronaphthalene
Concen: 47.648 ng
RT: 9.416 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

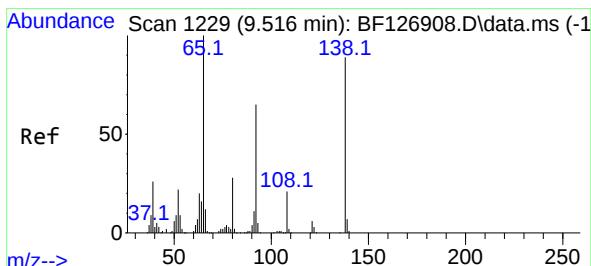
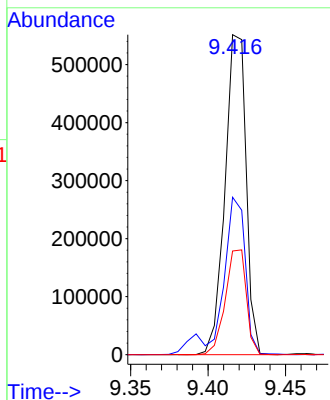
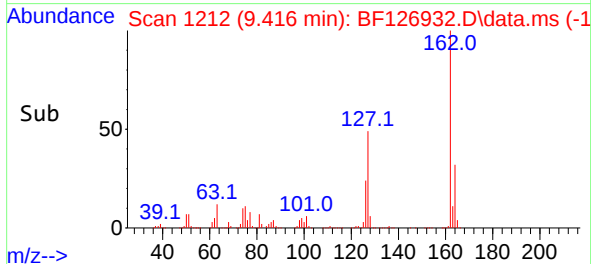
Instrument :
BNA_F
ClientSampleId :
TP-3MS



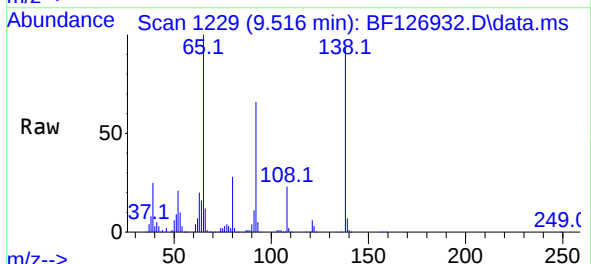
Tgt Ion:162 Resp: 523278
Ion Ratio Lower Upper
162 100
127 49.2 33.5 50.3
164 32.4 26.2 39.4

Manual Integrations
APPROVED

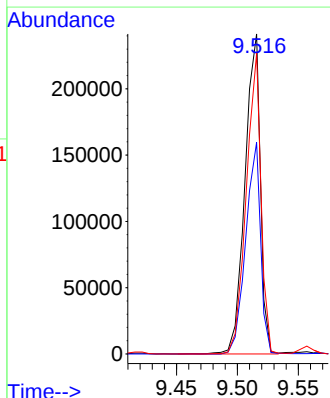
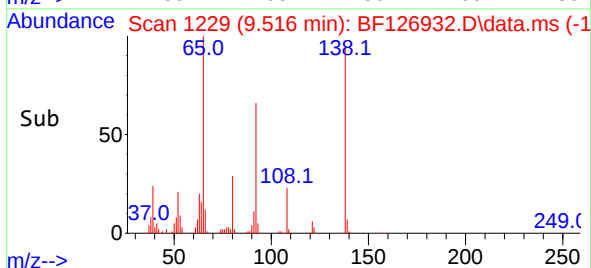
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

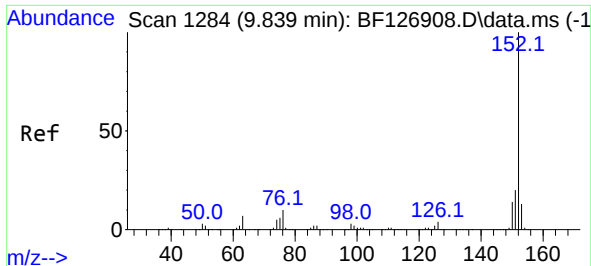


#48
2-Nitroaniline
Concen: 49.143 ng
RT: 9.516 min Scan# 1229
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



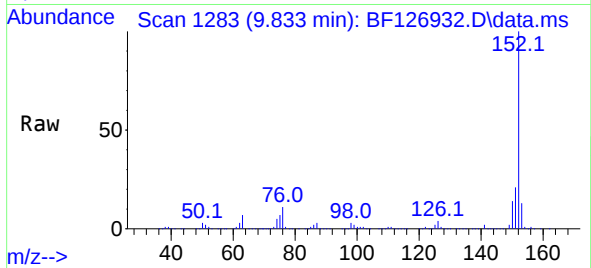
Tgt Ion: 65 Resp: 212973
Ion Ratio Lower Upper
65 100
92 66.1 54.4 81.6
138 94.0 72.5 108.7





#49
Acenaphthylene
Concen: 49.758 ng
RT: 9.833 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

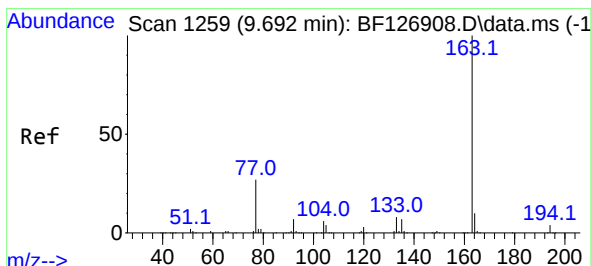
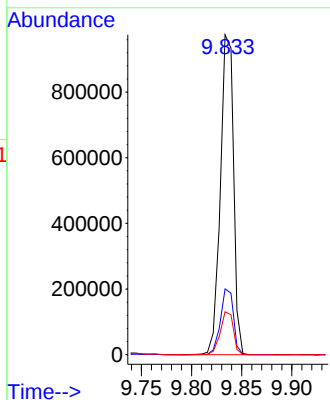
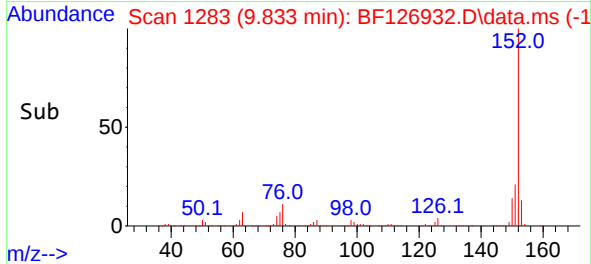
Instrument :
BNA_F
ClientSampleId :
TP-3MS



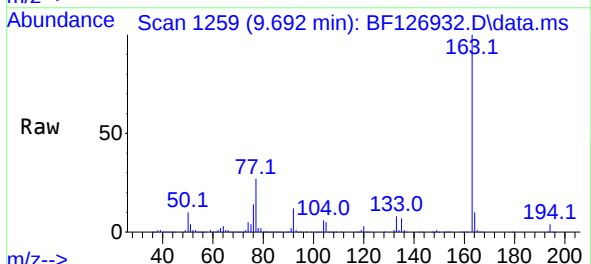
Tgt Ion:152 Resp: 88765
Ion Ratio Lower Upper
152 100
151 20.6 15.7 23.5
153 13.4 11.4 17.0

Manual Integrations
APPROVED

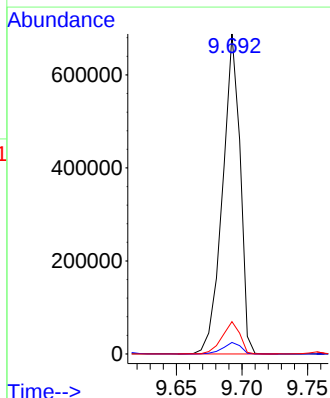
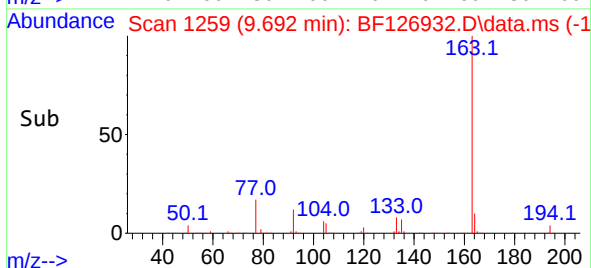
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

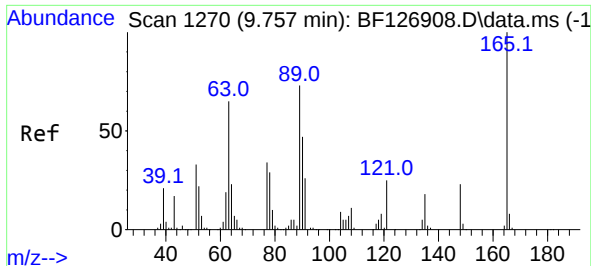


#50
Dimethylphthalate
Concen: 47.819 ng
RT: 9.692 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



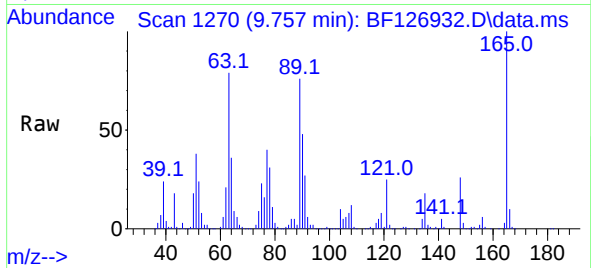
Tgt Ion:163 Resp: 638915
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.1 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 49.499 ng
RT: 9.757 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

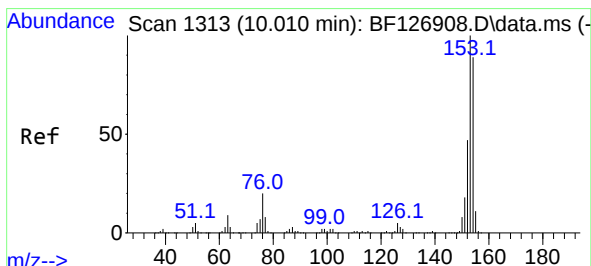
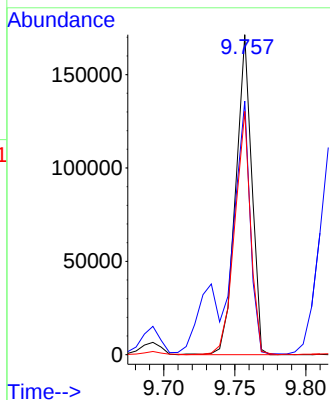
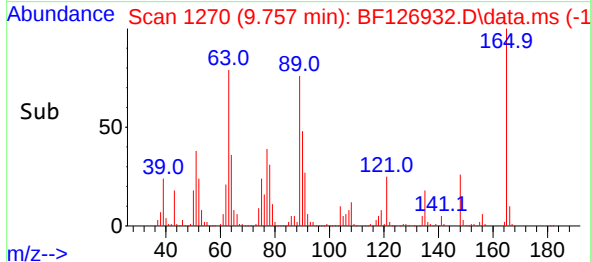
Instrument :
BNA_F
ClientSampleId :
TP-3MS



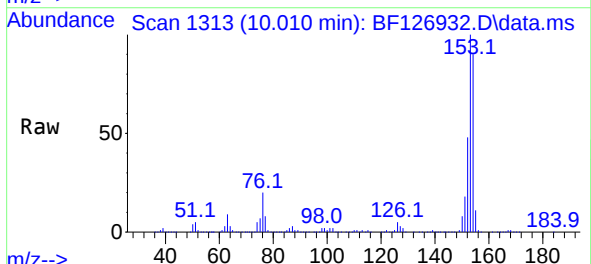
Tgt Ion:165 Resp: 13455
Ion Ratio Lower Upper
165 100
63 79.2 48.4 72.6
89 76.0 50.5 75.7

Manual Integrations
APPROVED

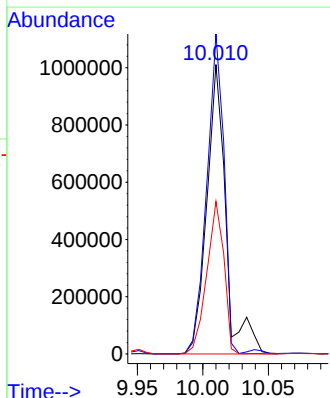
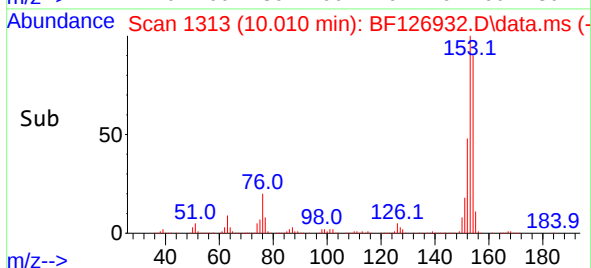
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

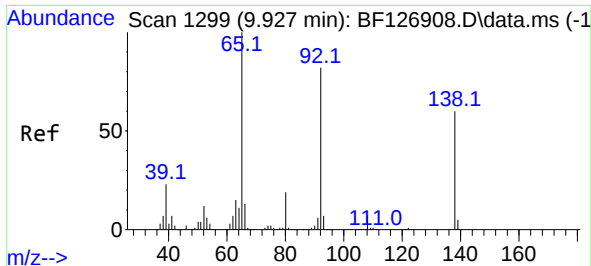


#52
Acenaphthene
Concen: 87.544 ng m
RT: 10.010 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



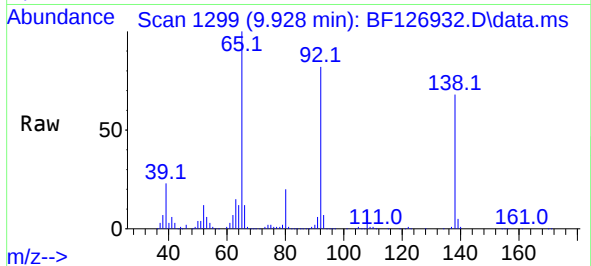
Tgt Ion:154 Resp: 1015660
Ion Ratio Lower Upper
154 100
153 110.6 87.8 131.6
152 52.7 39.4 59.2





#53
3-Nitroaniline
Concen: 33.771 ng
RT: 9.928 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

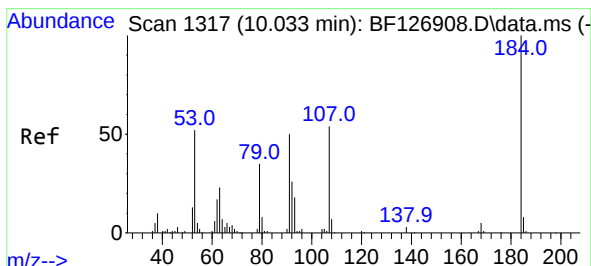
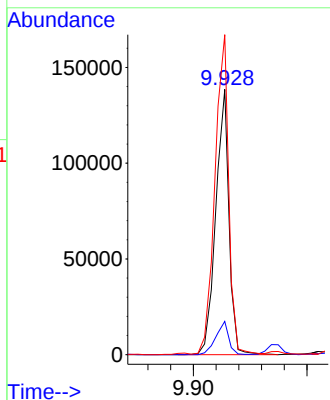
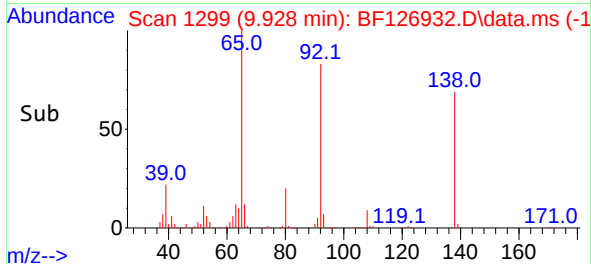
Instrument :
BNA_F
ClientSampleId :
TP-3MS



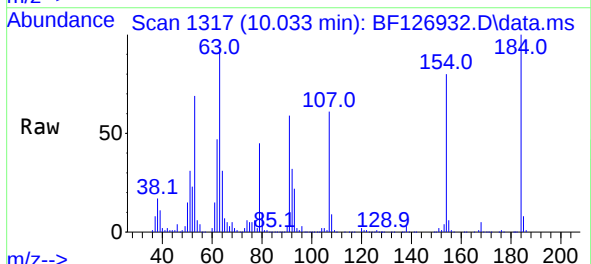
Tgt Ion:138 Resp: 11221
Ion Ratio Lower Upper
138 100
108 12.5 8.6 13.0
92 120.7 105.0 157.6

Manual Integrations
APPROVED

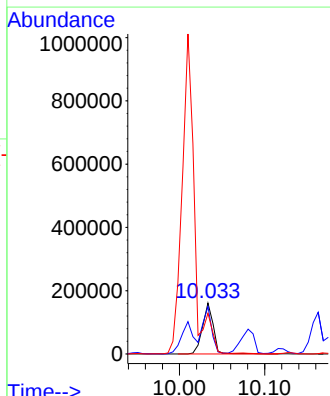
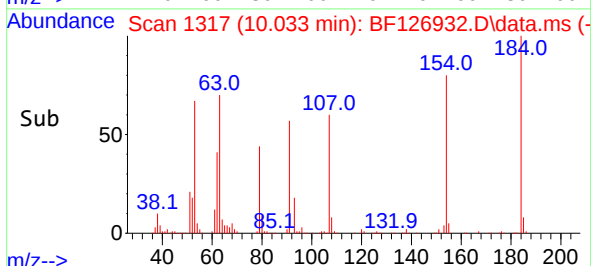
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

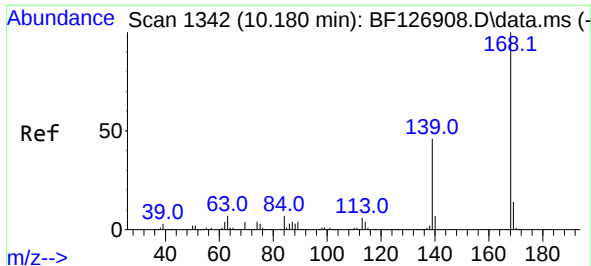


#54
2,4-Dinitrophenol
Concen: 97.477 ng
RT: 10.033 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



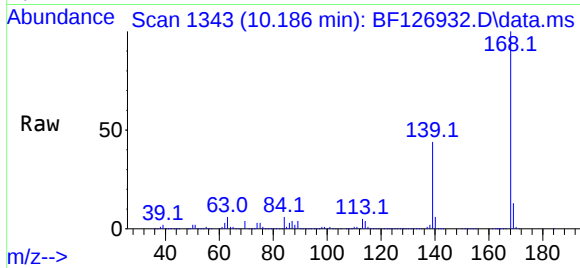
Tgt Ion:184 Resp: 140252
Ion Ratio Lower Upper
184 100
63 93.2 70.4 105.6
154 80.0 49.7 74.5#





#55
Dibenzenofuran
Concen: 78.372 ng
RT: 10.186 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

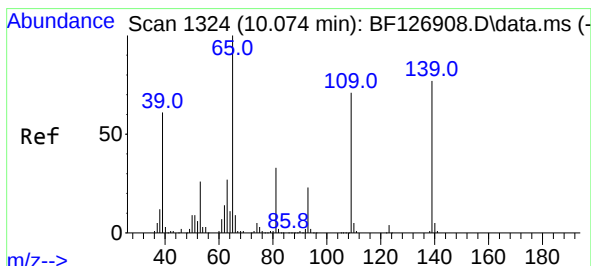
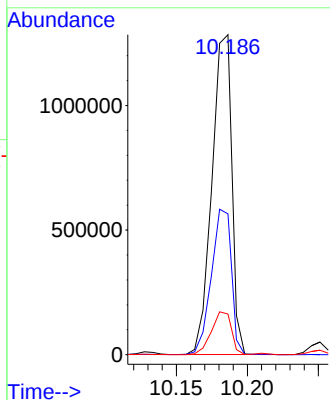
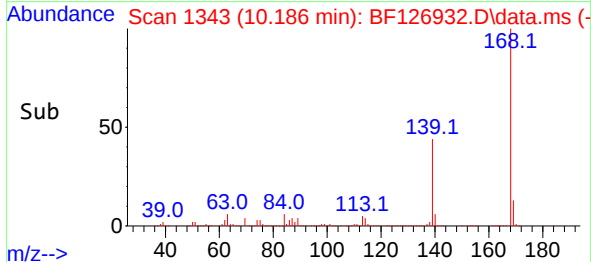
Instrument :
BNA_F
ClientSampleId :
TP-3MS



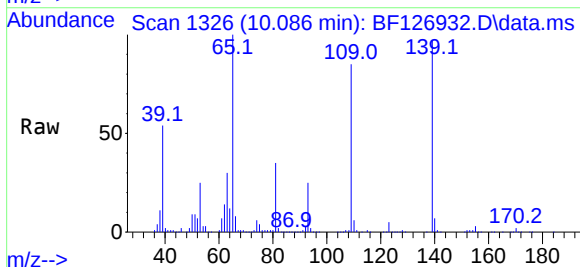
Tgt Ion:168 Resp: 1250280
Ion Ratio Lower Upper
168 100
139 44.0 30.6 46.0
169 12.7 10.0 15.0

Manual Integrations
APPROVED

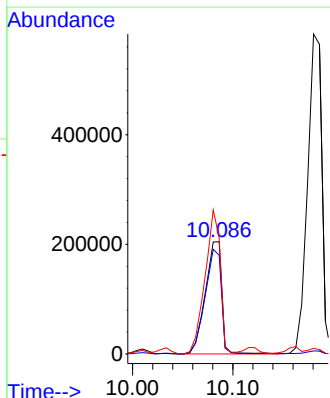
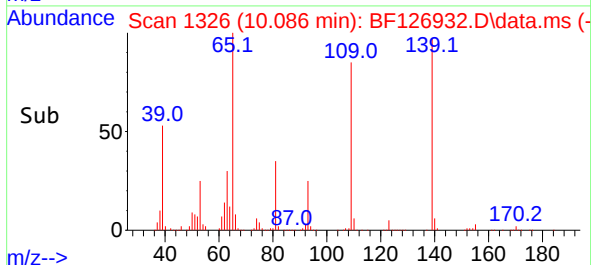
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

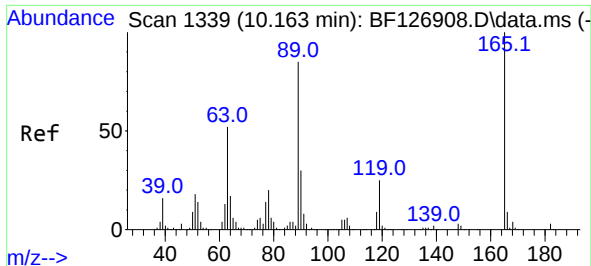


#56
4-Nitrophenol
Concen: 95.684 ng
RT: 10.086 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



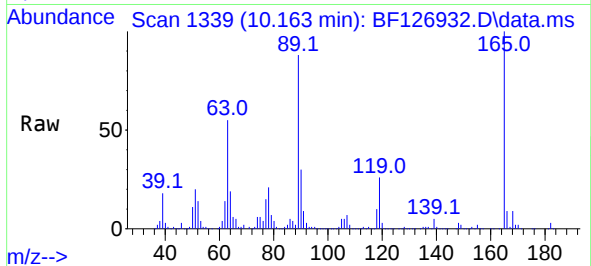
Tgt Ion:139 Resp: 234828
Ion Ratio Lower Upper
139 100
109 88.1 44.1 84.1#
65 103.6 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 52.376 ng
RT: 10.163 min Scan# 1339
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

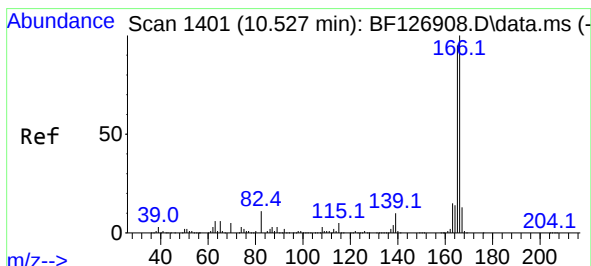
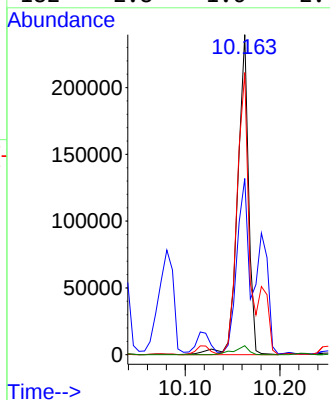
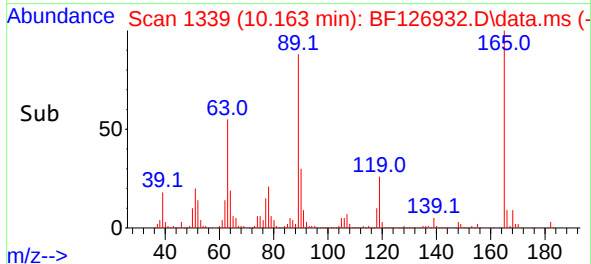
Instrument :
BNA_F
ClientSampleId :
TP-3MS



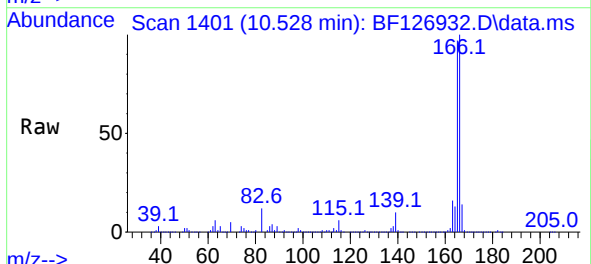
Tgt Ion:165 Resp: 192500
Ion Ratio Lower Upper
165 100
63 55.0 43.0 64.6
89 88.1 71.0 106.4
182 2.8 1.6 2.4#

Manual Integrations
APPROVED

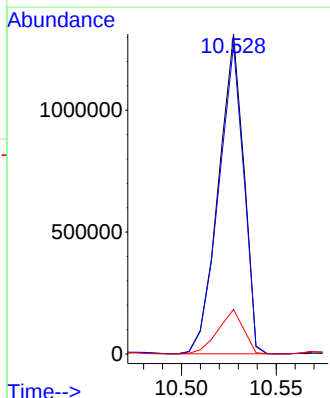
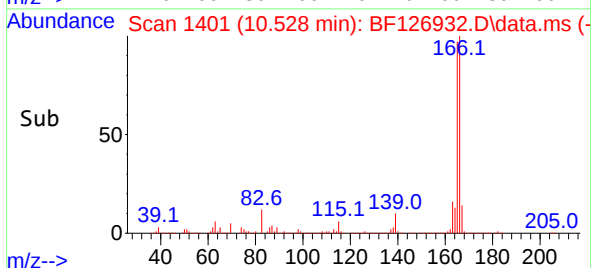
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

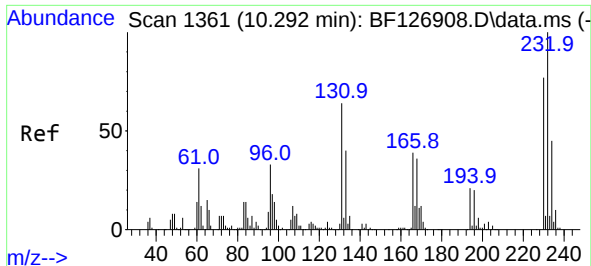


#58
Fluorene
Concen: 97.642 ng
RT: 10.528 min Scan# 1401
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



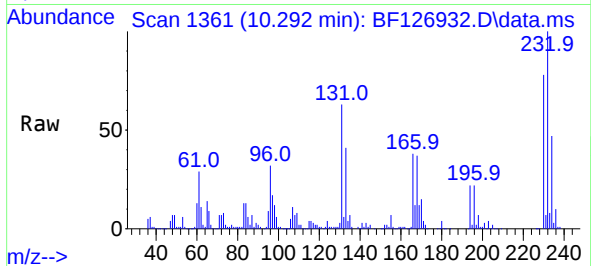
Tgt Ion:166 Resp: 1213355
Ion Ratio Lower Upper
166 100
165 96.5 77.7 116.5
167 13.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.413 ng
RT: 10.292 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

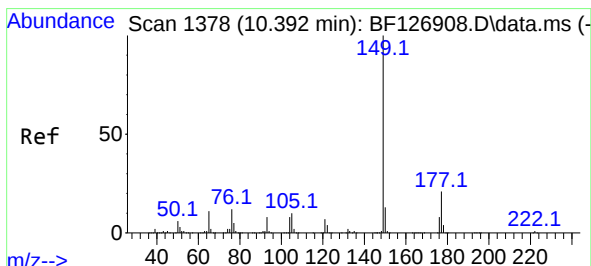
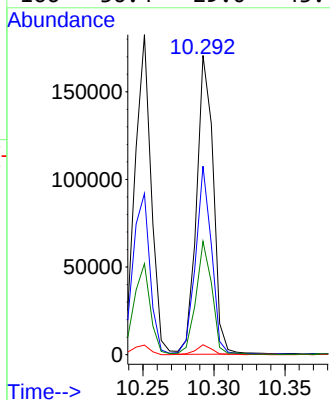
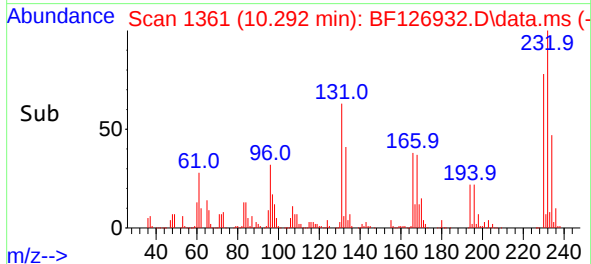
Instrument :
BNA_F
ClientSampleId :
TP-3MS



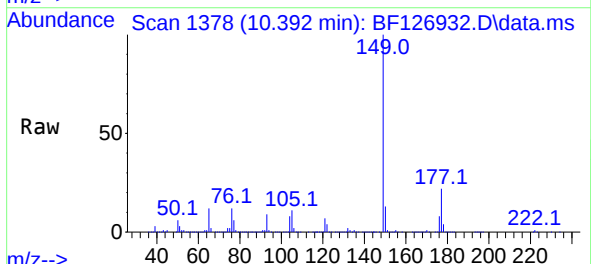
Tgt Ion:232 Resp: 139731
Ion Ratio Lower Upper
232 100
131 60.1 50.0 75.0
130 3.2 2.2 3.2
166 36.4 29.0 43.4

Manual Integrations
APPROVED

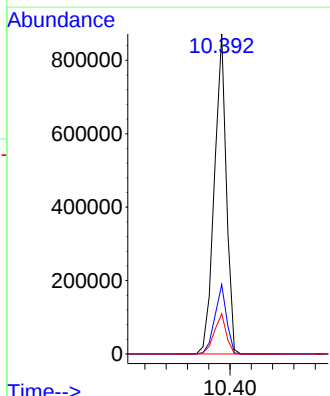
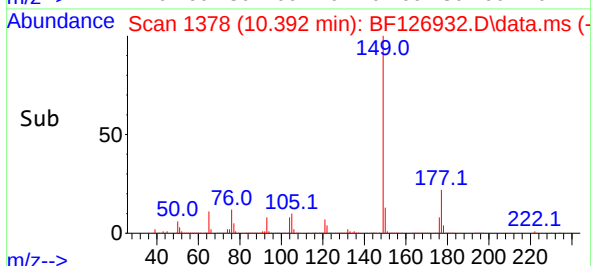
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

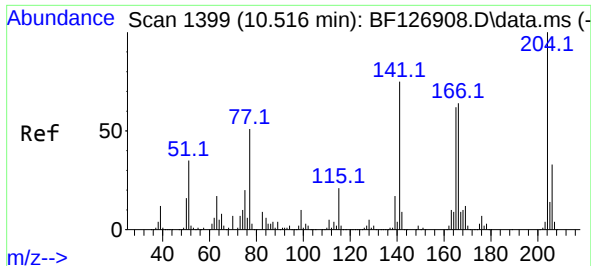


#60
Diethylphthalate
Concen: 48.845 ng
RT: 10.392 min Scan# 1378
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



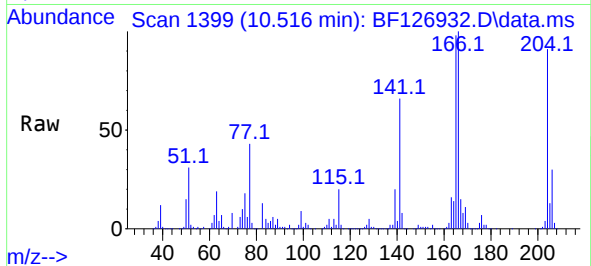
Tgt Ion:149 Resp: 681933
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.5 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 47.219 ng
RT: 10.516 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

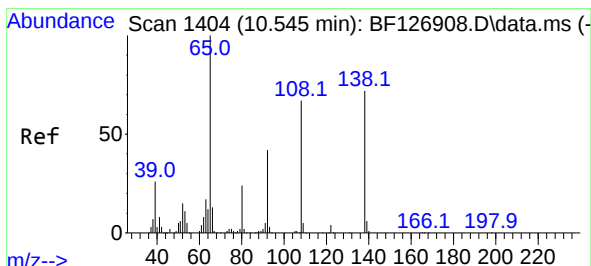
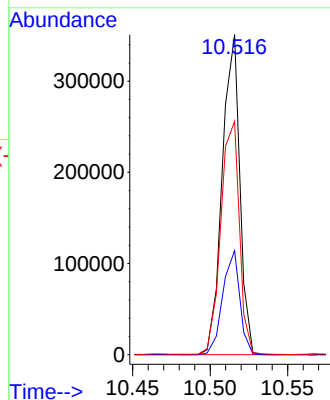
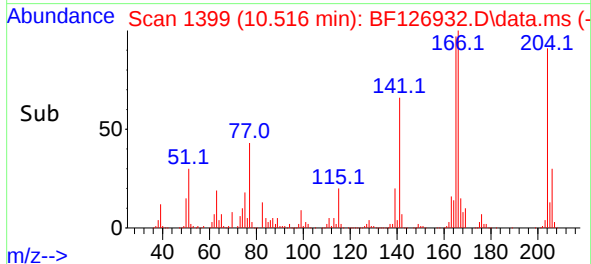
Instrument :
BNA_F
ClientSampleId :
TP-3MS



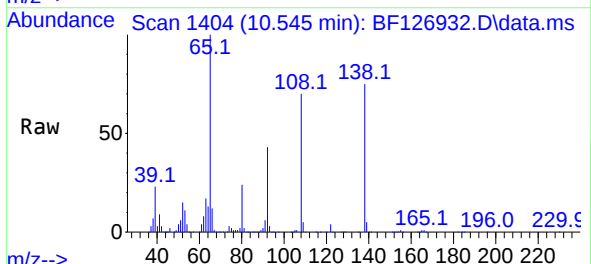
Tgt Ion:204 Resp: 276684
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 72.9 59.0 88.6

Manual Integrations
APPROVED

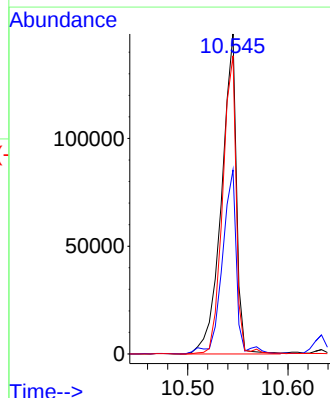
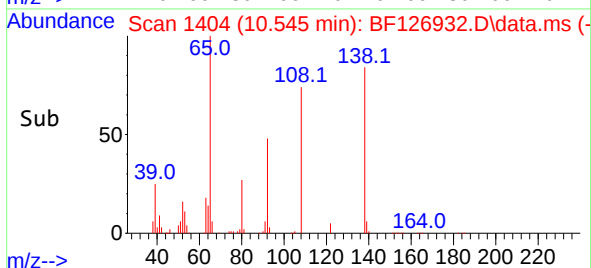
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

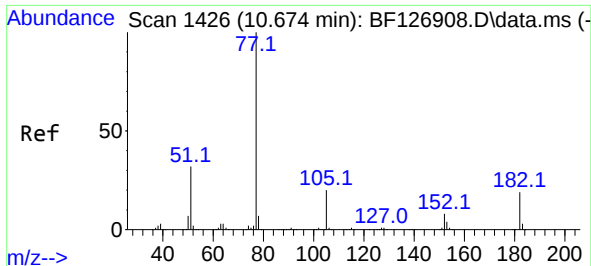


#62
4-Nitroaniline
Concen: 46.679 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



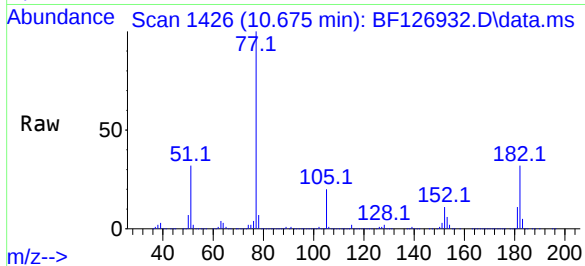
Tgt Ion:138 Resp: 153166
Ion Ratio Lower Upper
138 100
92 57.5 36.2 76.2
108 93.2 46.7 86.7#





#63
Azobenzene
Concen: 46.661 ng
RT: 10.675 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

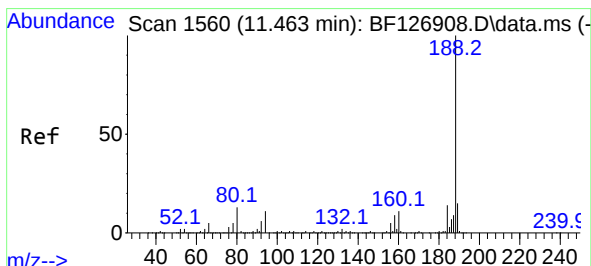
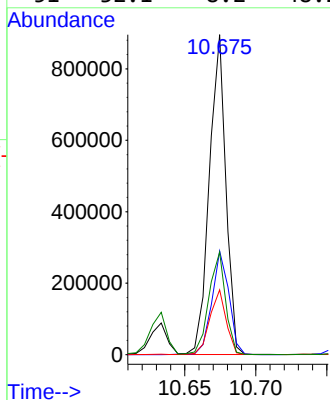
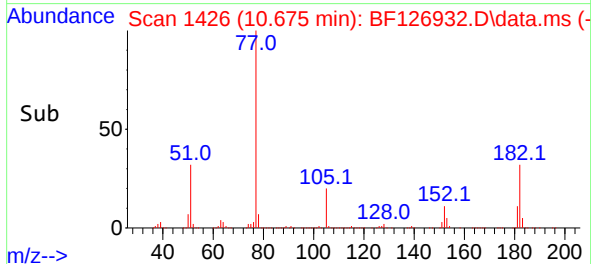
Instrument :
BNA_F
ClientSampleId :
TP-3MS



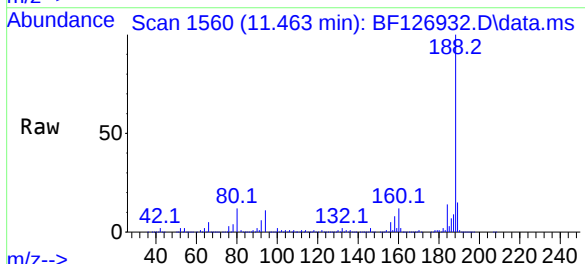
Tgt Ion: 77 Resp: 72539
Ion Ratio Lower Upper
77 100
182 32.4 0.0 39.0
105 20.3 3.2 43.2
51 32.1 8.2 48.2

Manual Integrations
APPROVED

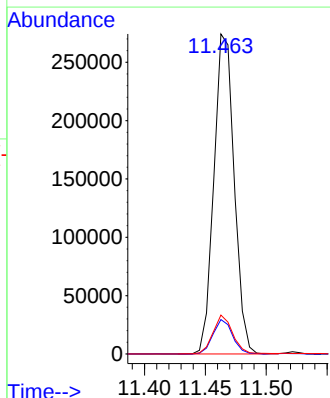
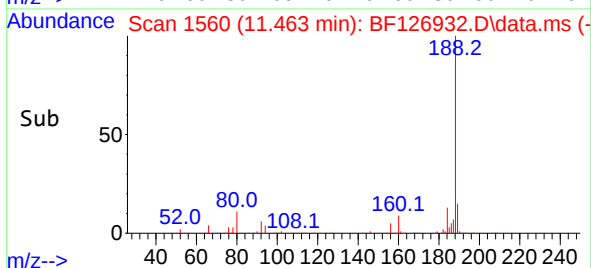
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

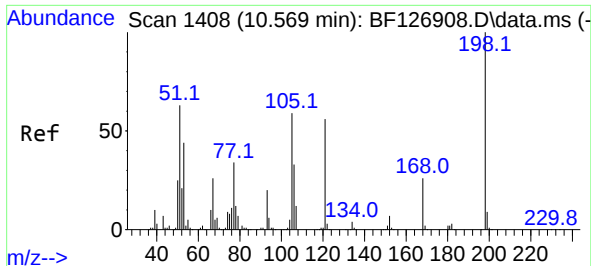


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



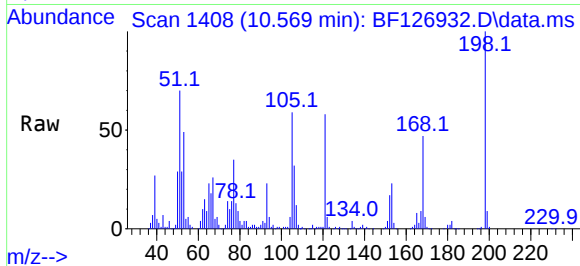
Tgt Ion:188 Resp: 318807
Ion Ratio Lower Upper
188 100
94 10.7 10.1 15.1
80 12.1 11.8 17.6





#65
4,6-Dinitro-2-methylphenol
Concen: 45.941 ng
RT: 10.569 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

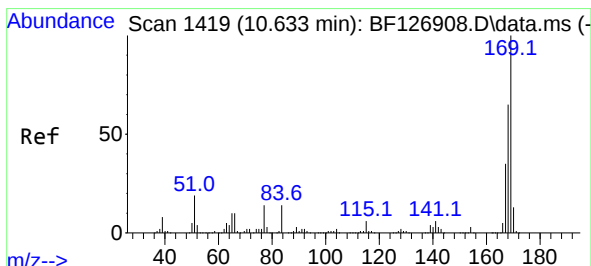
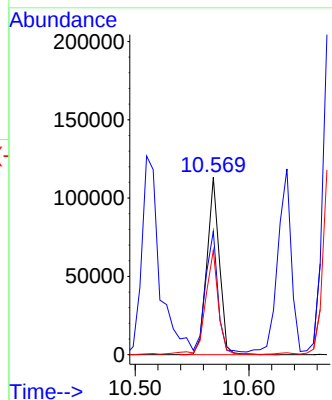
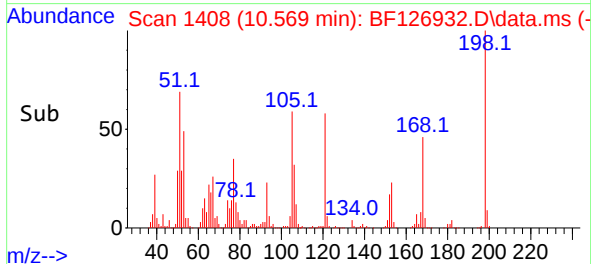
Instrument :
BNA_F
ClientSampleId :
TP-3MS



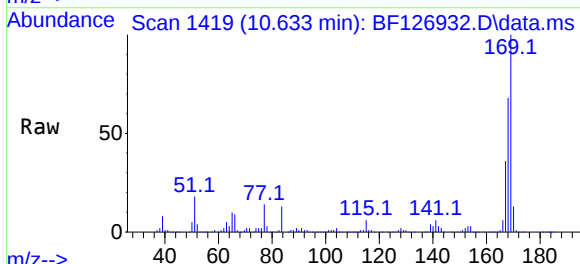
Tgt Ion:198 Resp: 8605
Ion Ratio Lower Upper
198 100
51 69.5 32.0 72.0
105 58.8 32.7 72.7

Manual Integrations
APPROVED

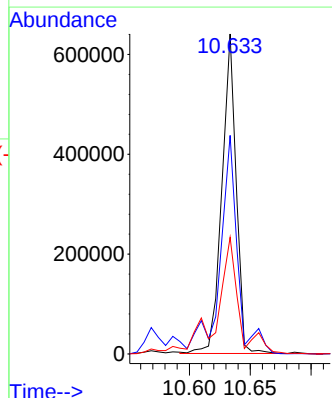
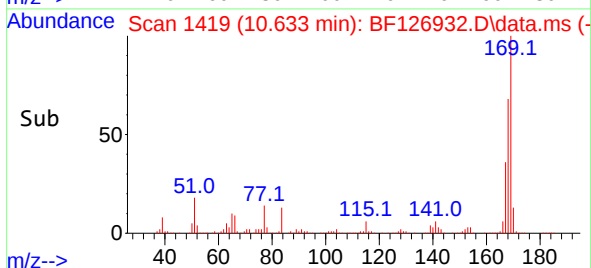
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

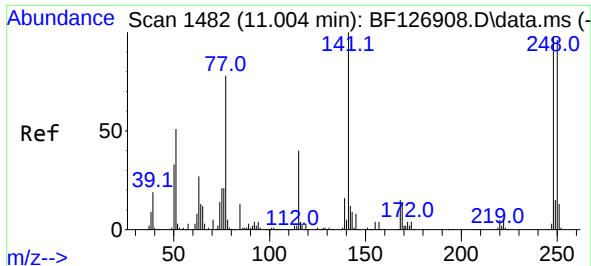


#66
n-Nitrosodiphenylamine
Concen: 50.205 ng
RT: 10.633 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



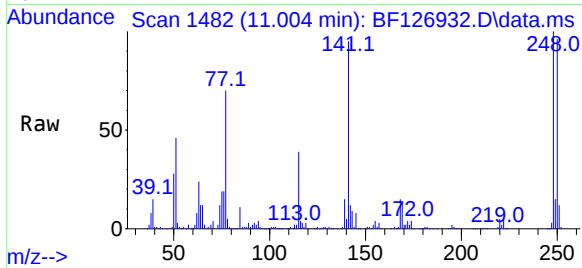
Tgt Ion:169 Resp: 524839
Ion Ratio Lower Upper
169 100
168 68.3 53.4 80.0
167 36.4 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 48.921 ng
RT: 11.004 min Scan# 1482
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

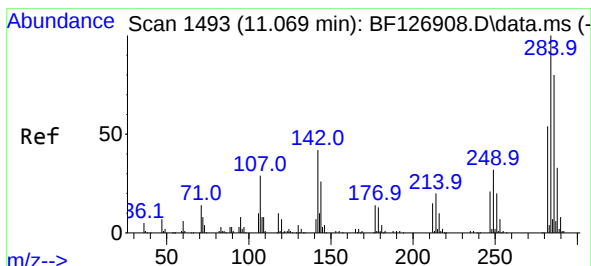
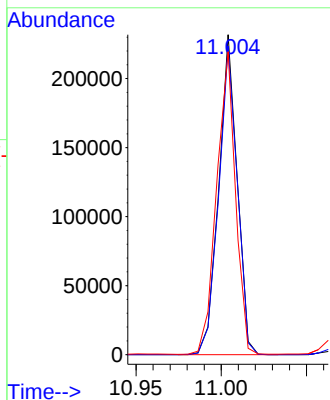
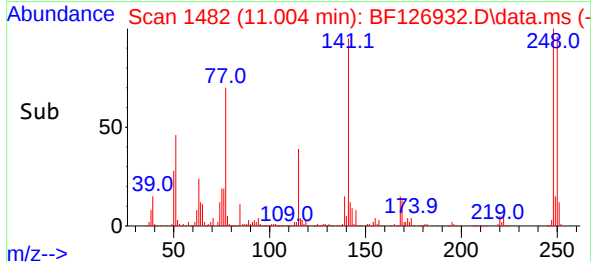
Instrument :
BNA_F
ClientSampleId :
TP-3MS



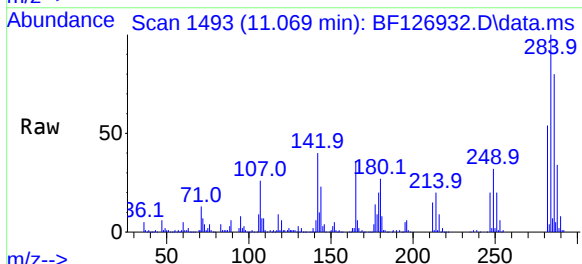
Tgt Ion:248 Resp: 174258
Ion Ratio Lower Upper
248 100
250 96.5 76.2 114.4
141 94.7 66.2 99.4

Manual Integrations
APPROVED

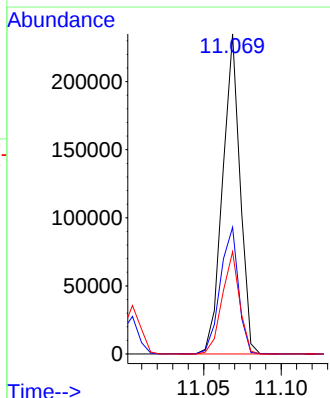
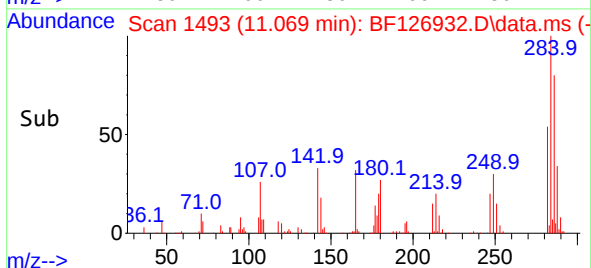
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

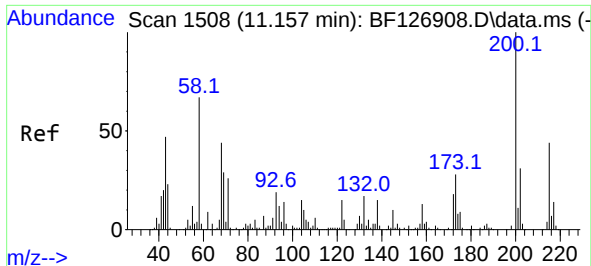


#68
Hexachlorobenzene
Concen: 47.871 ng
RT: 11.069 min Scan# 1493
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



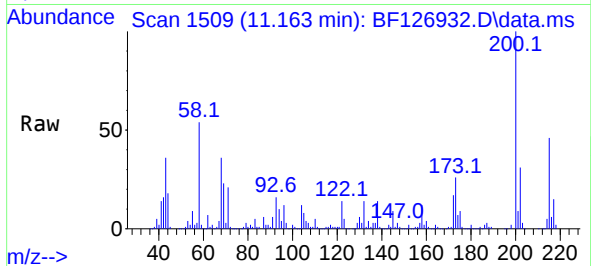
Tgt Ion:284 Resp: 183568
Ion Ratio Lower Upper
284 100
142 39.6 30.7 46.1
249 32.0 21.1 31.7#





#69
Atrazine
Concen: 52.483 ng
RT: 11.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

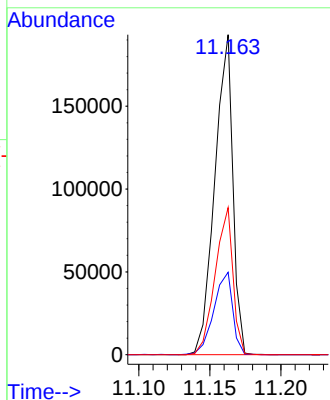
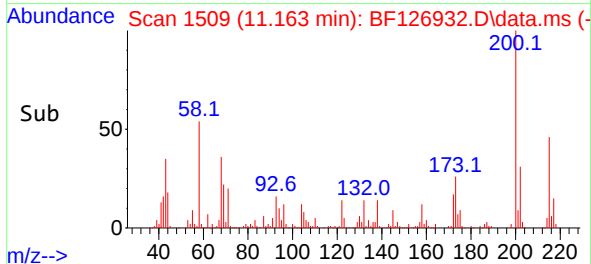
Instrument :
BNA_F
ClientSampleId :
TP-3MS



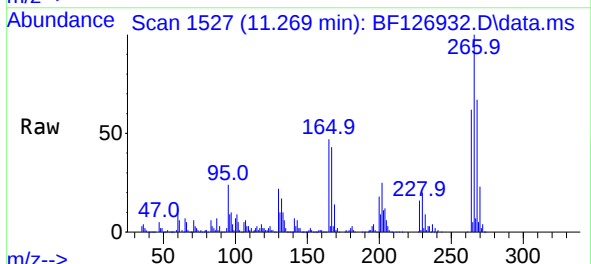
Tgt Ion:200 Resp: 17016
Ion Ratio Lower Upper
200 100
173 25.8 9.2 49.2
215 45.9 23.2 63.2

Manual Integrations
APPROVED

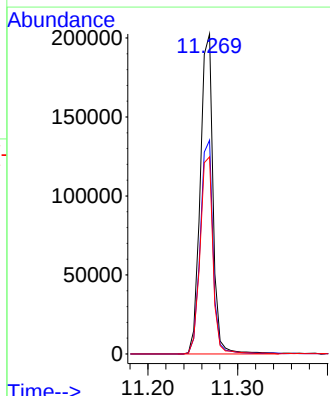
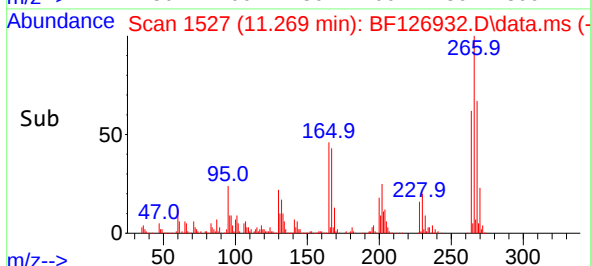
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

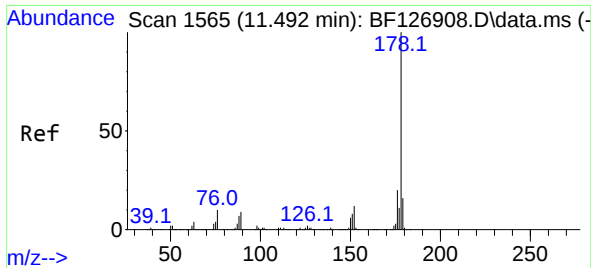


#70
Pentachlorophenol
Concen: 95.261 ng
RT: 11.269 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



Tgt Ion:266 Resp: 199407
Ion Ratio Lower Upper
266 100
268 66.8 52.3 78.5
264 61.6 50.4 75.6





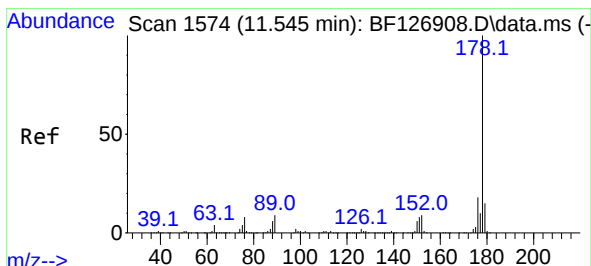
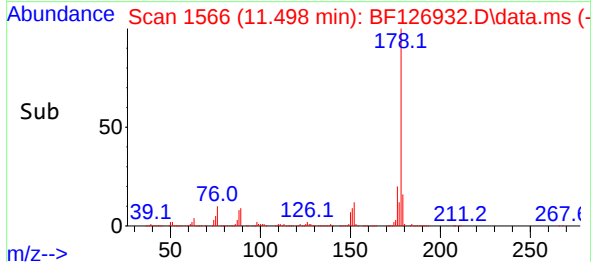
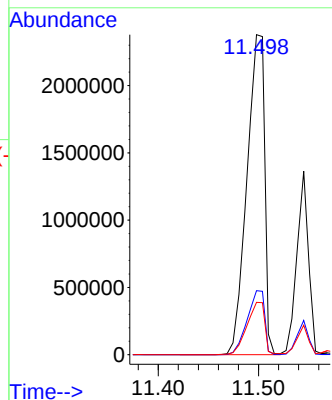
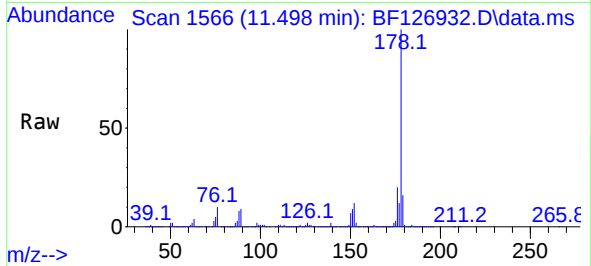
#71
Phenanthrene
Concen: 163.762 ng
RT: 11.498 min Scan# 1565
Delta R.T. 0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:178 Resp: 292220
Ion Ratio Lower Upper
178 100
176 20.0 15.7 23.5
179 16.3 12.3 18.5

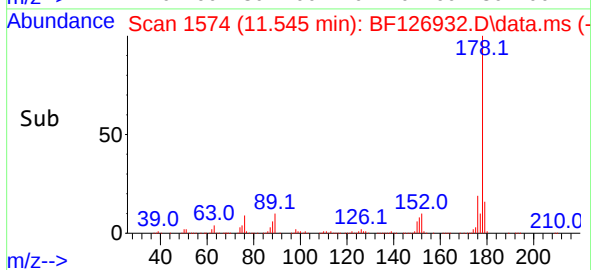
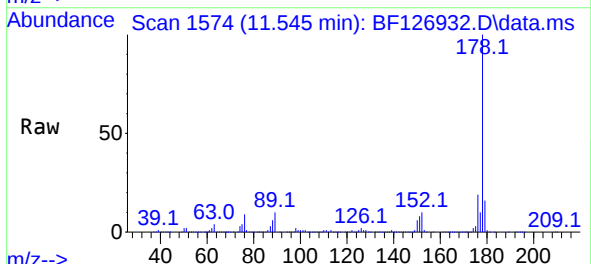
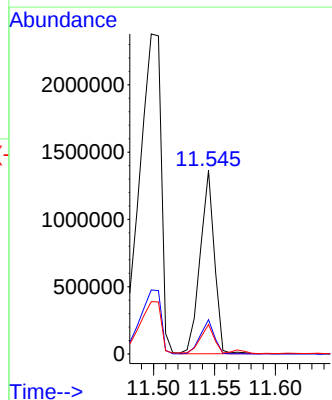
Manual Integrations
APPROVED

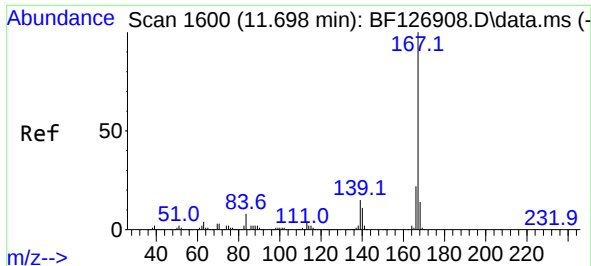
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#72
Anthracene
Concen: 62.325 ng
RT: 11.545 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

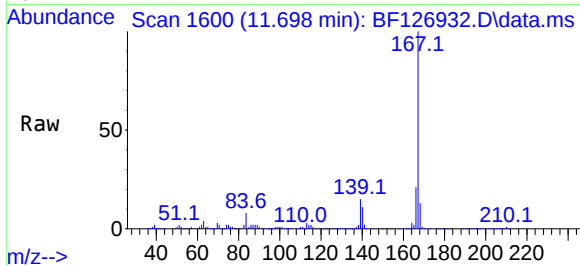
Tgt Ion:178 Resp: 1107156
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 16.1 12.5 18.7





#73
 Carbazole
 Concen: 47.654 ng
 RT: 11.698 min Scan# 1600
 Delta R.T. 0.000 min
 Lab File: BF126932.D
 Acq: 17 Feb 2022 17:48

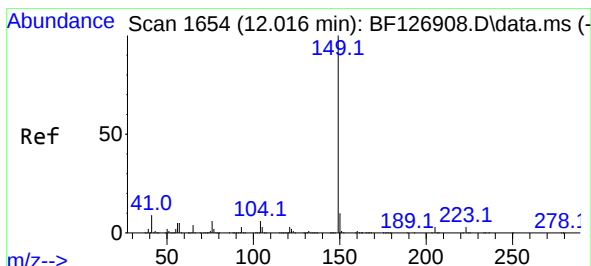
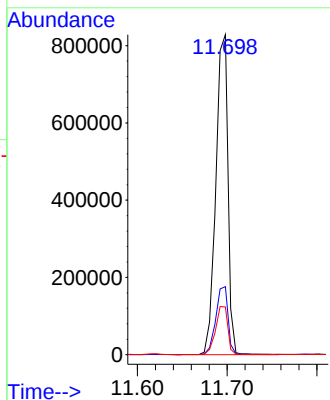
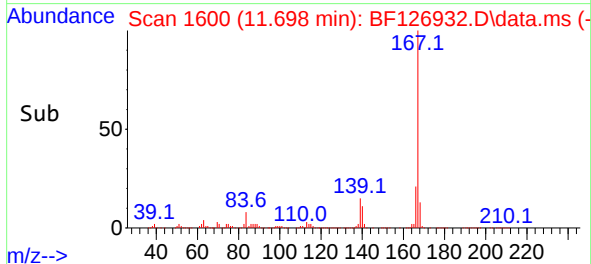
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS



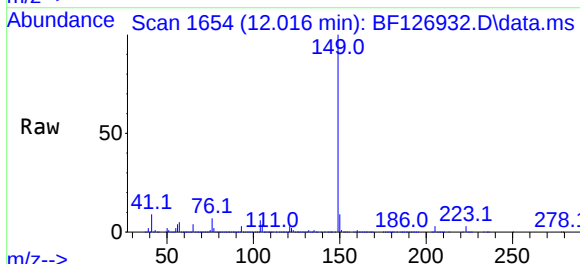
Tgt Ion:167 Resp: 776314
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.9 25.3
 139 14.9 11.3 16.9

Manual Integrations
 APPROVED

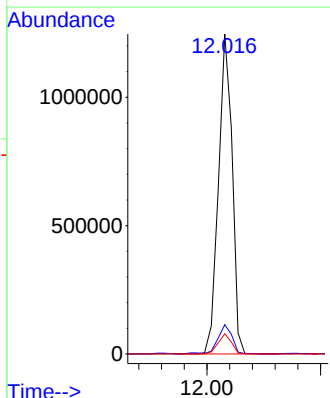
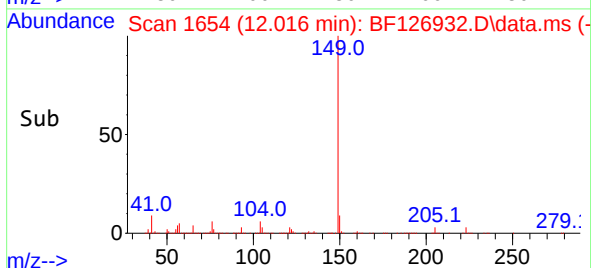
Reviewed By :Christian Giraldo 02/18/2022
 Supervised By :Jagrut Upadhyay 02/18/2022

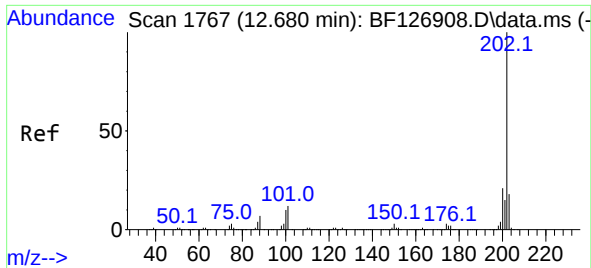


#74
 Di-n-butylphthalate
 Concen: 49.889 ng
 RT: 12.016 min Scan# 1654
 Delta R.T. 0.000 min
 Lab File: BF126932.D
 Acq: 17 Feb 2022 17:48



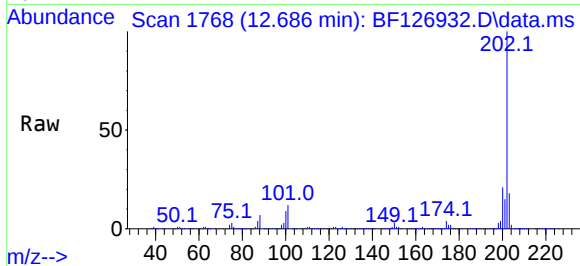
Tgt Ion:149 Resp: 1044810
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 6.3 4.2 6.2#





#75
Fluoranthene
Concen: 108.723 ng
RT: 12.686 min Scan# 1767
Delta R.T. 0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

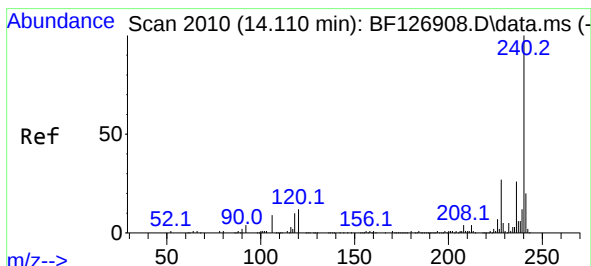
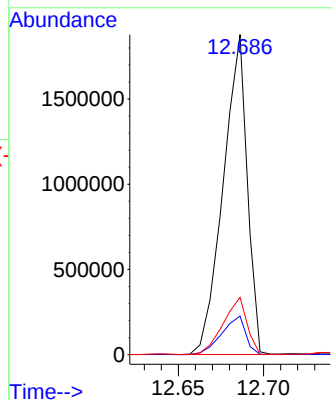
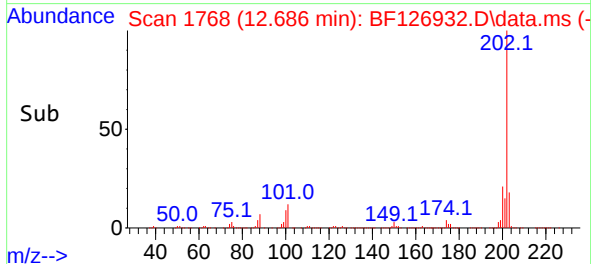
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:202 Resp: 184210
Ion Ratio Lower Upper
202 100
101 12.0 0.0 35.7
203 17.9 0.0 37.1

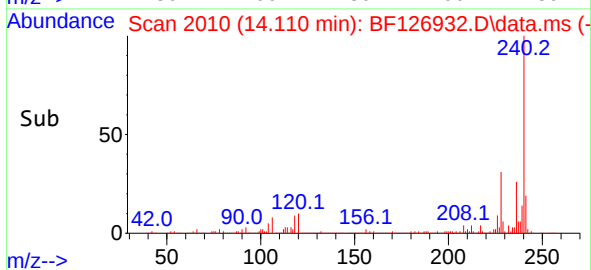
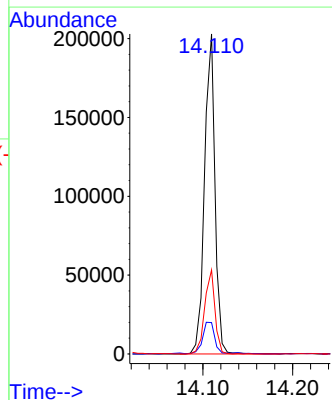
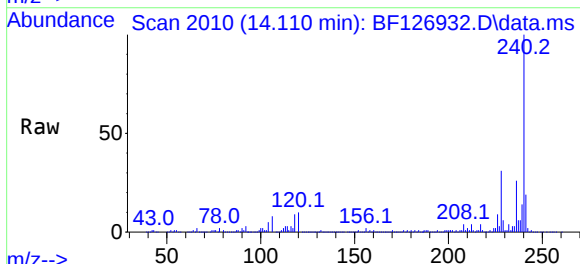
Manual Integrations
APPROVED

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: BF126932.D
Acq: 17 Feb 2022 17:48

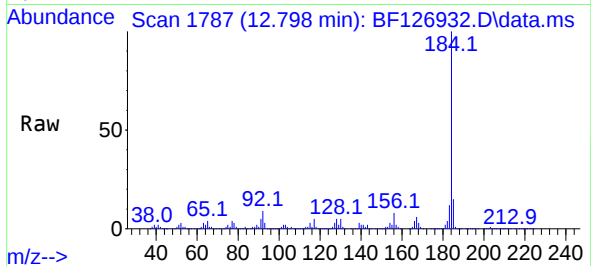
Tgt Ion:240 Resp: 164077
Ion Ratio Lower Upper
240 100
120 9.8 14.4 21.6#
236 26.3 20.5 30.7





#77
Benzidine
Concen: 90.437 ng
RT: 12.798 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

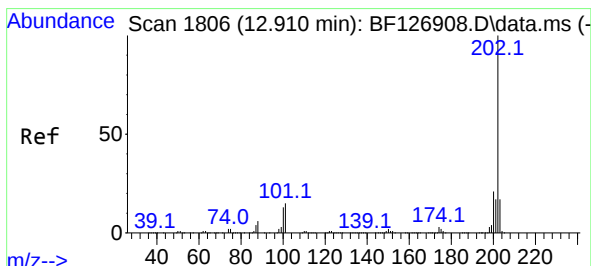
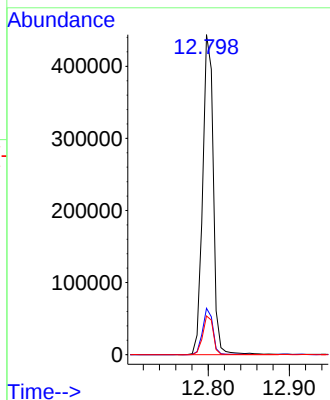
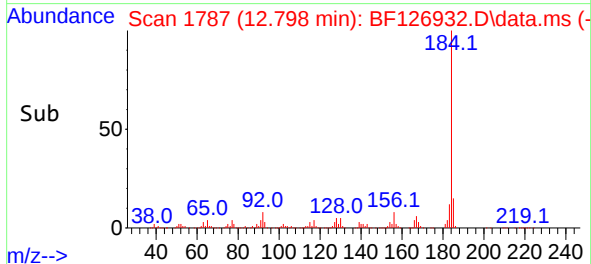
Instrument :
BNA_F
ClientSampleId :
TP-3MS



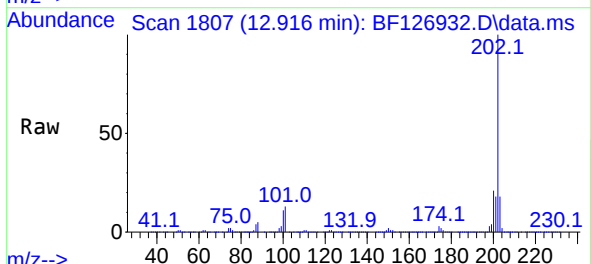
Tgt Ion:184 Resp: 40324
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.8
183 12.1 8.2 12.2

Manual Integrations
APPROVED

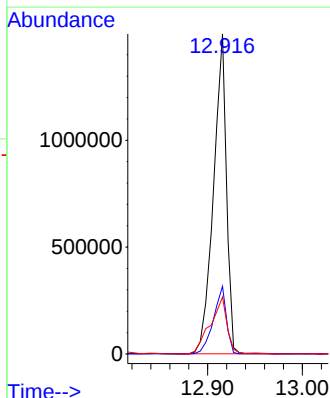
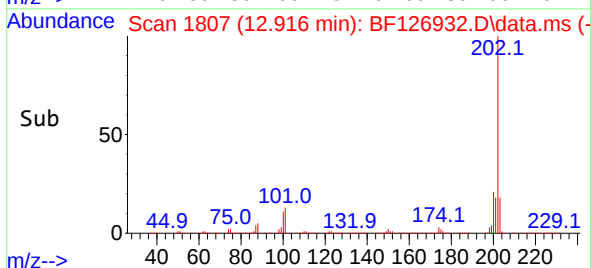
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#78
Pyrene
Concen: 99.808 ng
RT: 12.916 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



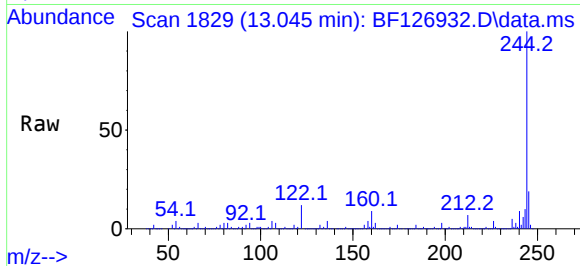
Tgt Ion:202 Resp: 1422741
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 17.8 13.8 20.8





#79
Terphenyl-d14
Concen: 80.352 ng
RT: 13.045 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

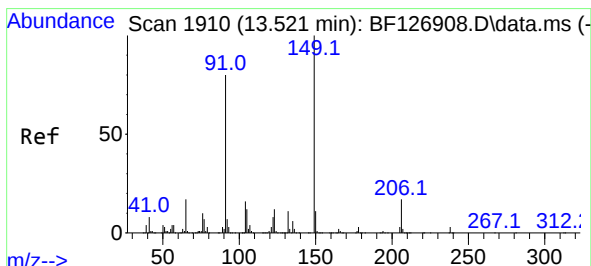
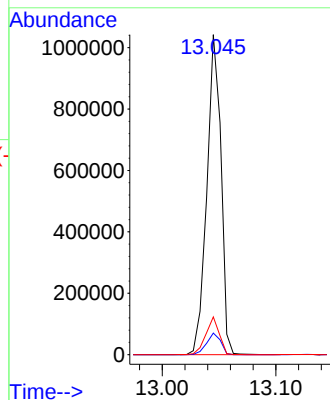
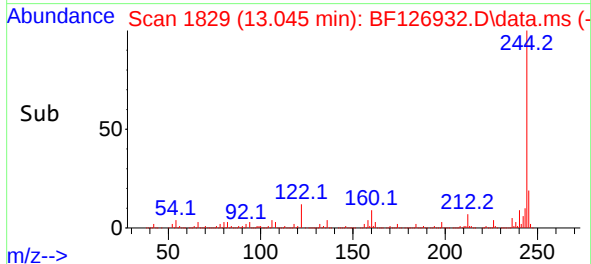
Instrument :
BNA_F
ClientSampleId :
TP-3MS



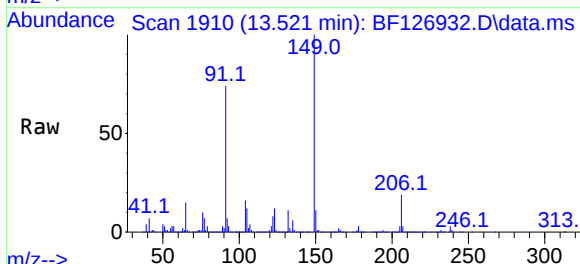
Tgt Ion:244 Resp: 896844
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 11.8 13.3 19.9

Manual Integrations
APPROVED

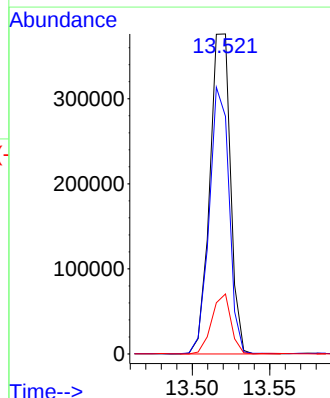
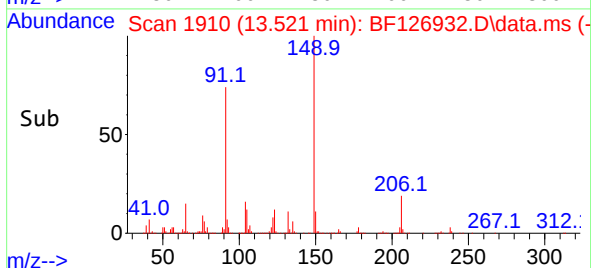
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

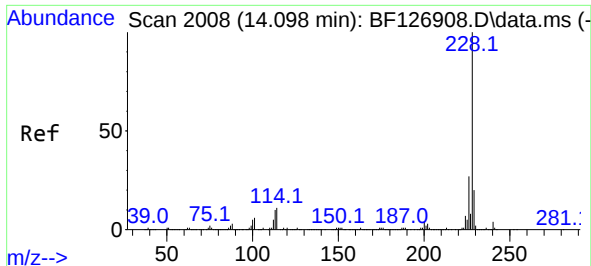


#80
Butylbenzylphthalate
Concen: 51.866 ng
RT: 13.521 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



Tgt Ion:149 Resp: 350015
Ion Ratio Lower Upper
149 100
91 74.3 70.5 105.7
206 18.8 12.6 19.0





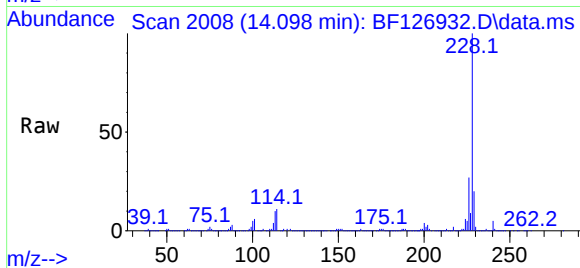
#81
Benzo(a)anthracene
Concen: 63.642 ng
RT: 14.098 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

Instrument :

BNA_F

ClientSampleId :

TP-3MS

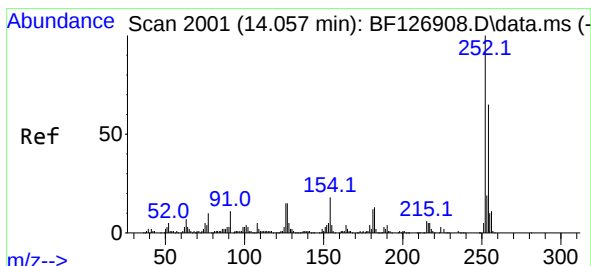
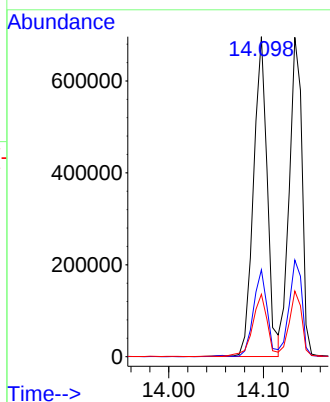
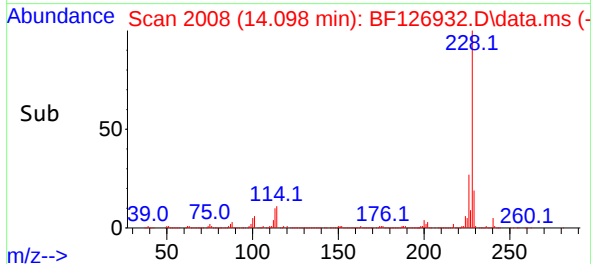


Tgt Ion:228 Resp: 70397
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 19.5 15.4 23.2

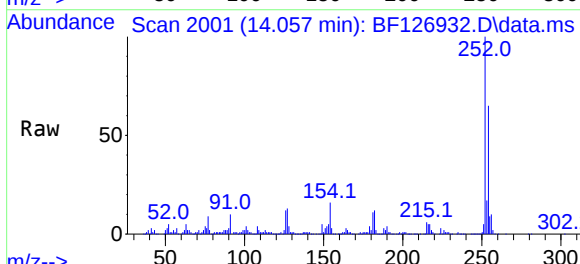
Manual Integrations

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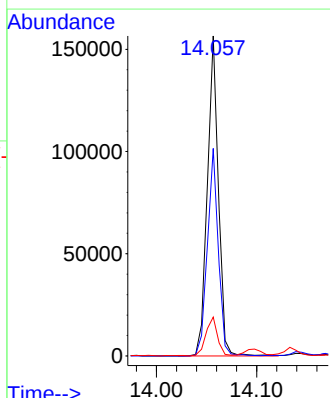
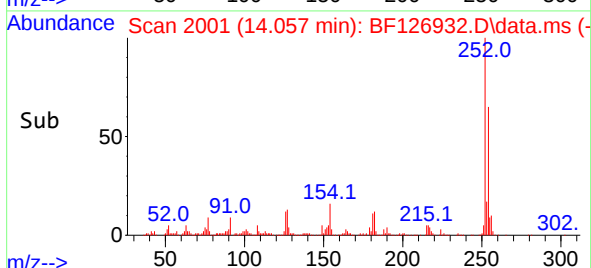
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

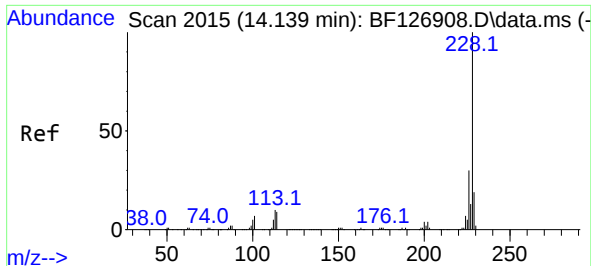


#82
3,3'-Dichlorobenzidine
Concen: 34.634 ng
RT: 14.057 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



Tgt Ion:252 Resp: 120733
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.4
126 12.1 13.4 20.0#





#83
Chrysene
Concen: 61.792 ng
RT: 14.133 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

Instrument :

BNA_F

ClientSampleId :

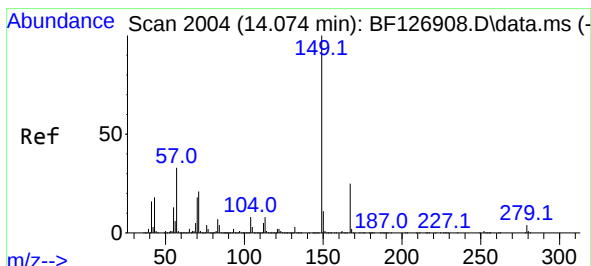
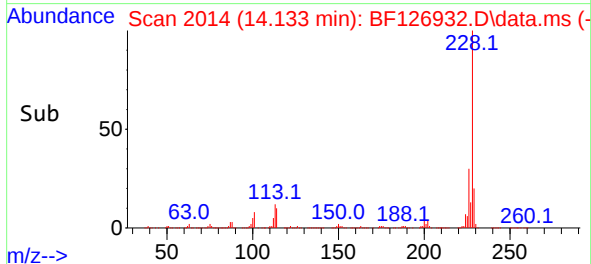
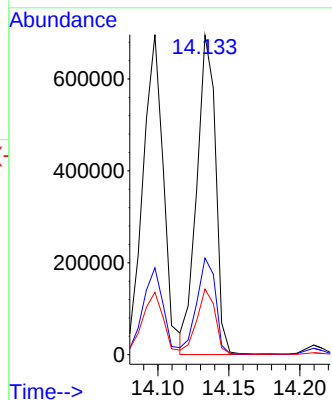
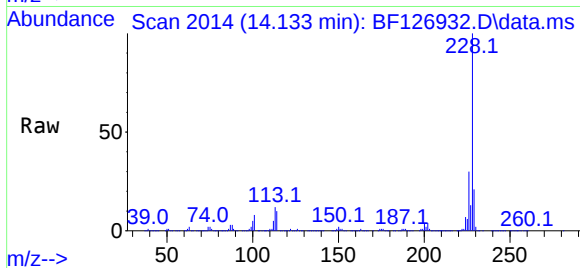
TP-3MS

Tgt Ion:228 Resp: 64275
Ion Ratio Lower Upper
228 100
226 30.3 23.7 35.5
229 20.6 15.5 23.3

Manual Integrations

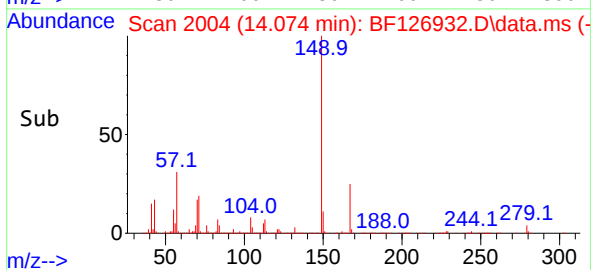
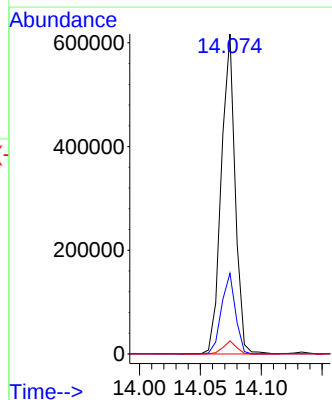
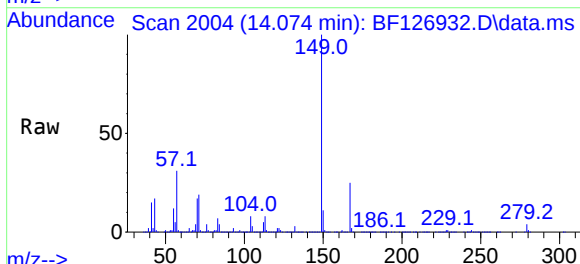
APPROVED

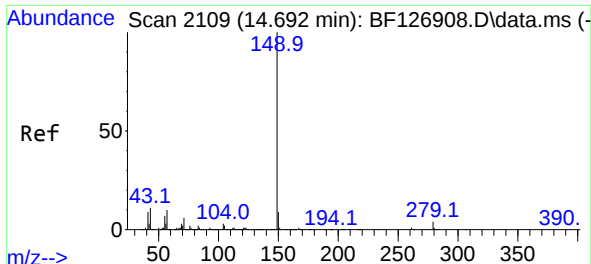
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.349 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

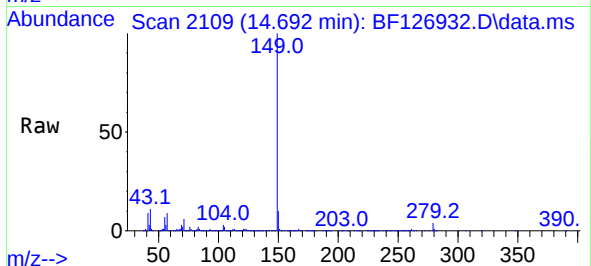
Tgt Ion:149 Resp: 490385
Ion Ratio Lower Upper
149 100
167 25.2 21.4 32.2
279 4.1 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 58.716 ng
RT: 14.692 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

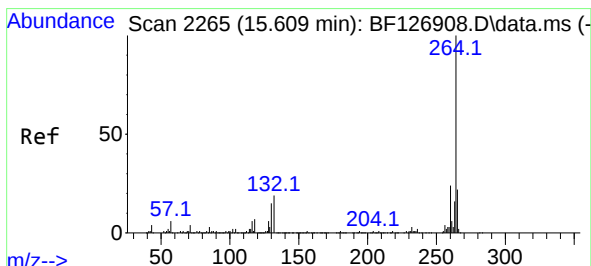
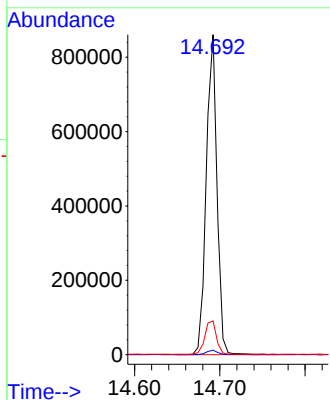
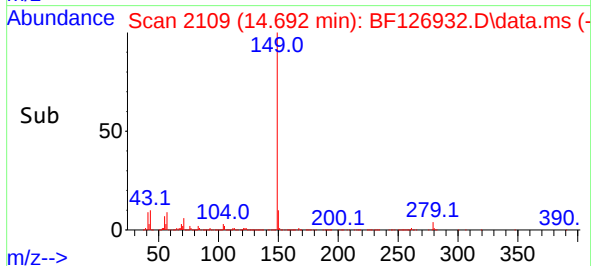
Instrument :
BNA_F
ClientSampleId :
TP-3MS



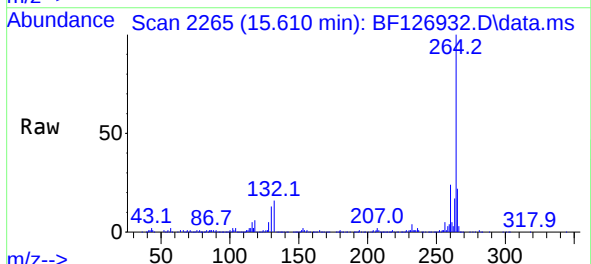
Tgt Ion:149 Resp: 749007
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.4 9.9 14.9

Manual Integrations
APPROVED

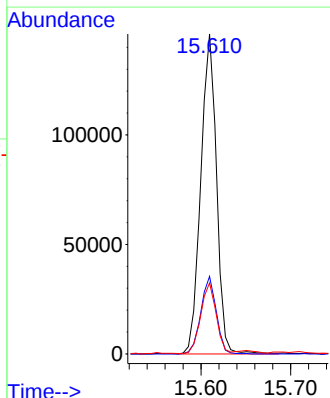
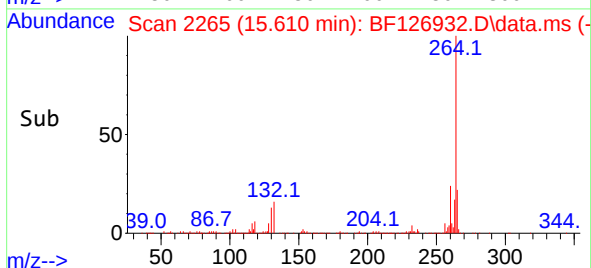
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

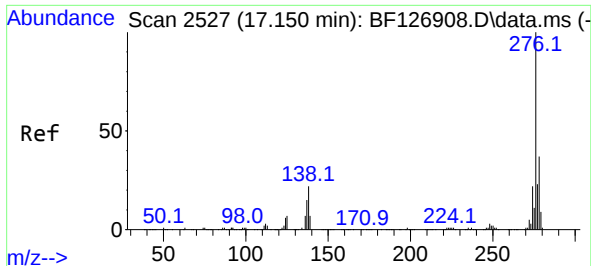


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.610 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



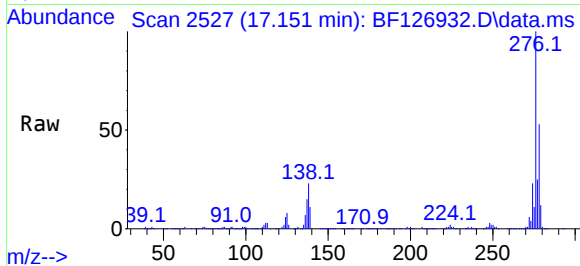
Tgt Ion:264 Resp: 178087
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 22.2 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 54.252 ng
RT: 17.151 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

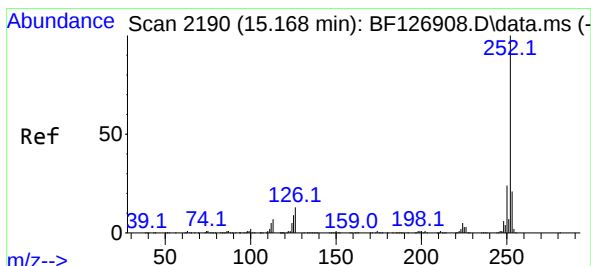
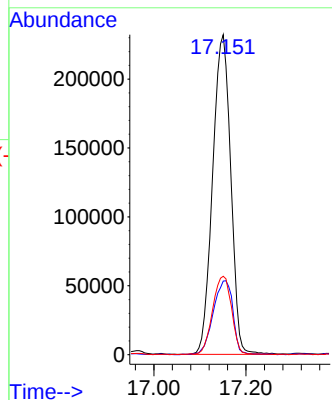
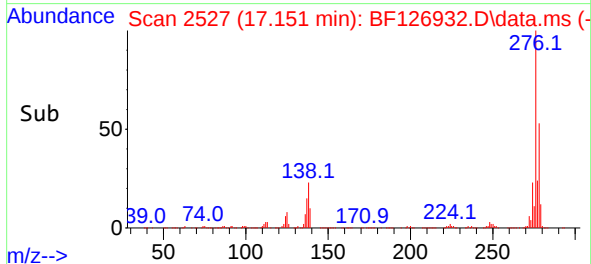
Instrument :
BNA_F
ClientSampleId :
TP-3MS



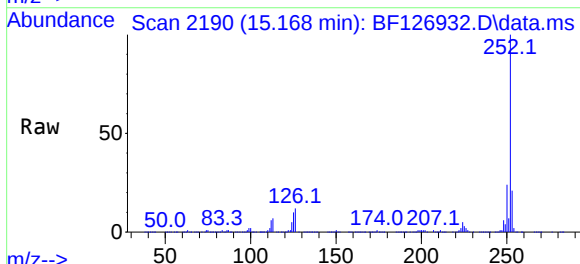
Tgt Ion:276 Resp: 63351
Ion Ratio Lower Upper
276 100
138 25.3 29.2 43.8
277 25.6 19.8 29.8

Manual Integrations
APPROVED

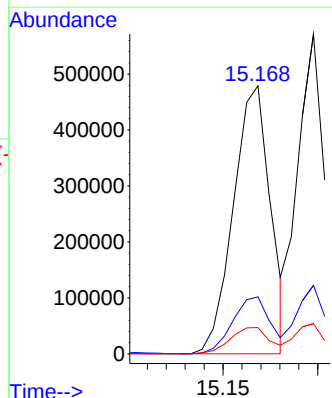
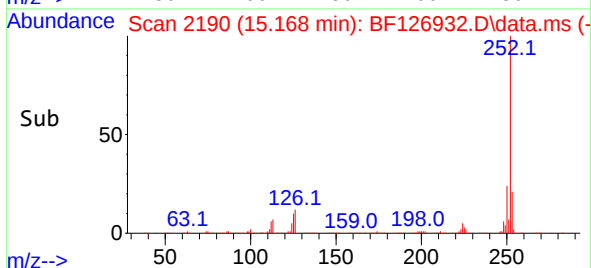
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022

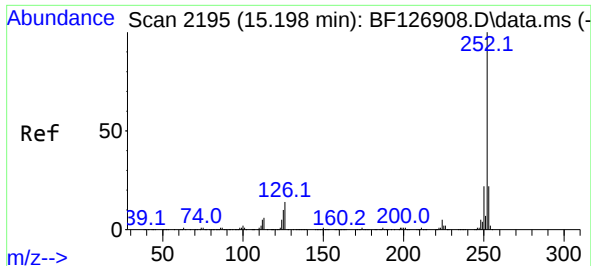


#88
Benzo(b)fluoranthene
Concen: 54.346 ng
RT: 15.168 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



Tgt Ion:252 Resp: 650034
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.8
125 9.8 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 48.237 ng
RT: 15.198 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

Instrument :

BNA_F

ClientSampleId :

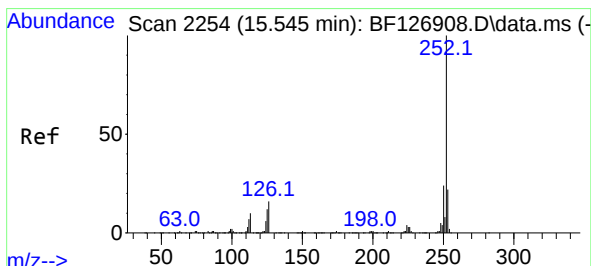
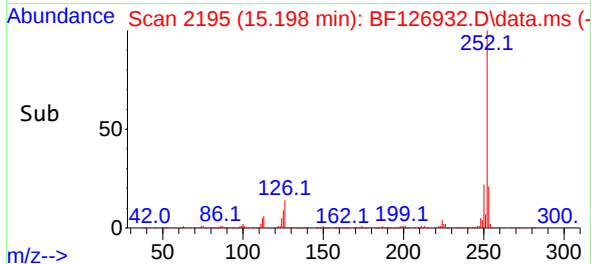
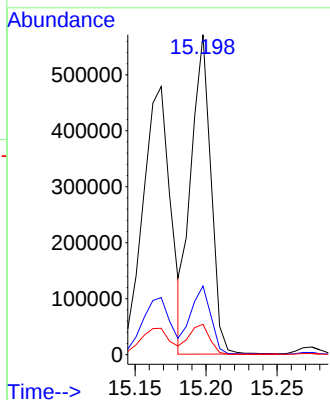
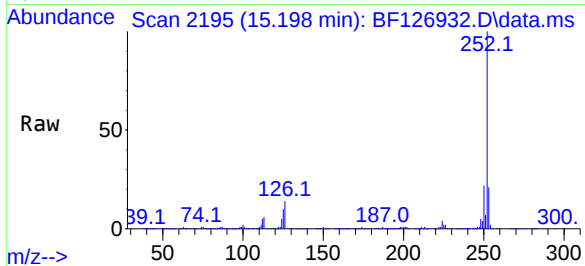
TP-3MS

Tgt Ion:252 Resp: 556492
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 9.5 11.8 17.6

Manual Integrations

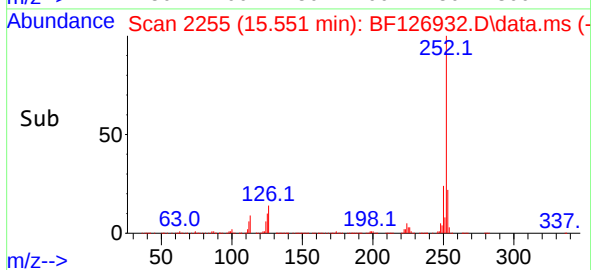
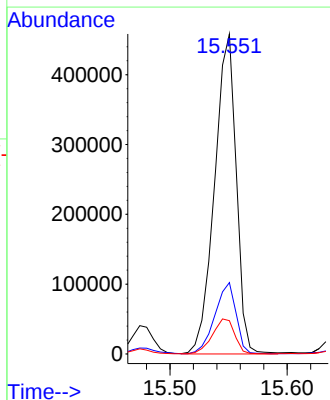
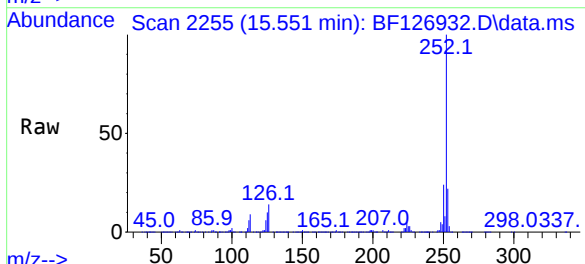
APPROVED

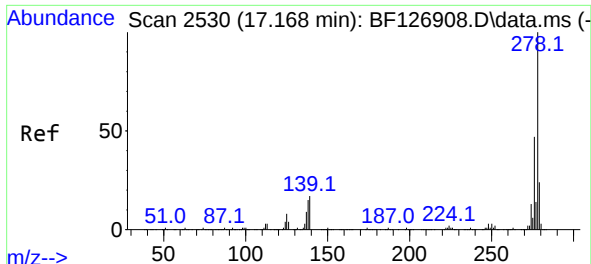
Reviewed By :Christian Giraldo 02/18/2022
Supervised By :Jagrut Upadhyay 02/18/2022



#90
Benzo(a)pyrene
Concen: 63.205 ng m
RT: 15.551 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

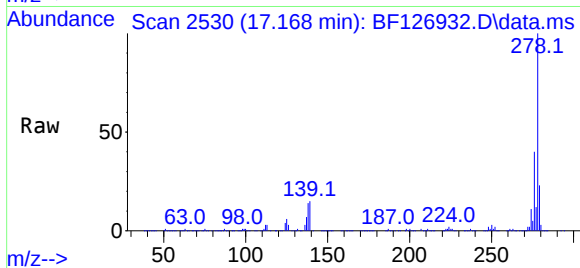
Tgt Ion:252 Resp: 590503
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 10.4 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 53.835 ng
RT: 17.168 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48

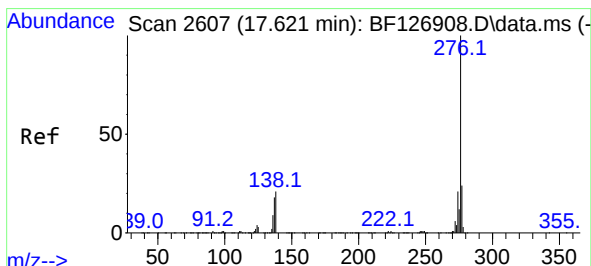
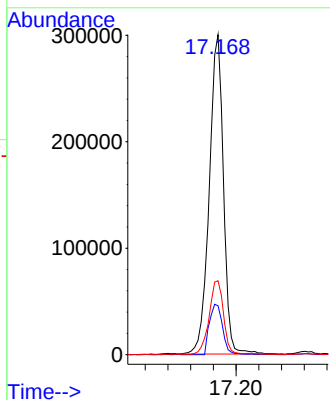
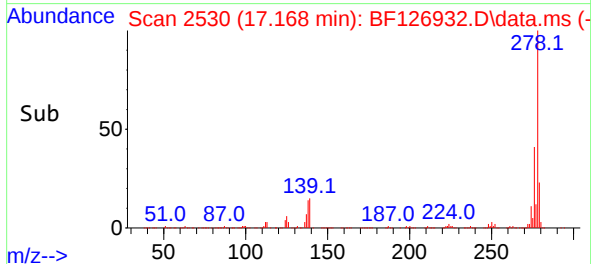
Instrument :
BNA_F
ClientSampleId :
TP-3MS



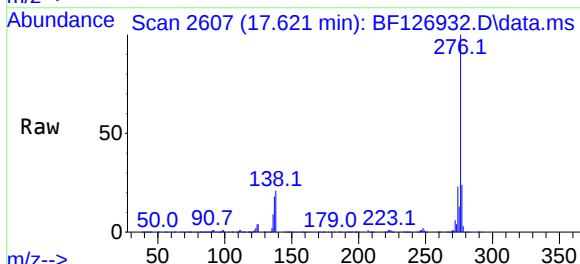
Tgt Ion:278 Resp: 519927
Ion Ratio Lower Upper
278 100
139 15.3 18.0 27.0
279 23.1 18.6 27.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 57.350 ng
RT: 17.621 min Scan# 2607
Delta R.T. 0.000 min
Lab File: BF126932.D
Acq: 17 Feb 2022 17:48



Tgt Ion:276 Resp: 546043
Ion Ratio Lower Upper
276 100
277 24.0 18.5 27.7
138 21.0 25.9 38.9

