

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126480.D
 Acq On : 4 Jan 2022 21:39
 Operator : JU/CG
 Sample : M5342-12MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11-(10-15)MSD

Quant Time: Jan 05 02:01:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/05/2022
 Supervised By : Jagrut Upadhyay 01/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	124950	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	524198	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	239885	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	355313	20.000	ng	0.00
76) Chrysene-d12	13.945	240	188430	20.000	ng	0.00
86) Perylene-d12	15.380	264	200905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	843200	96.910	ng	0.02
7) Phenol-d6	6.422	99	1082905	96.092	ng	0.00
23) Nitrobenzene-d5	7.351	82	693697	67.949	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	193102	104.171	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	946206	69.411	ng	0.00
79) Terphenyl-d14	12.892	244	702878	72.475	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	202205	46.343	ng	100
3) Pyridine	3.304	79	449154	38.163	ng	98
4) n-Nitrosodimethylamine	3.251	42	215569	44.550	ng	100
6) Aniline	6.445	93	277739	19.820	ng	99
8) 2-Chlorophenol	6.569	128	451279	52.008	ng	96
9) Benzaldehyde	6.334	77	290259	41.606	ng	91
10) Phenol	6.439	94	561712	44.664	ng	95
11) bis(2-Chloroethyl)ether	6.522	93	476643	49.635	ng	97
12) 1,3-Dichlorobenzene	6.728	146	431038	49.710	ng	97
13) 1,4-Dichlorobenzene	6.804	146	433408	50.075	ng	98
14) 1,2-Dichlorobenzene	6.957	146	421423	49.972	ng	96
15) Benzyl Alcohol	6.928	79	387081	49.092	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	738403	48.960	ng	99
17) 2-Methylphenol	7.045	107	364471	47.751	ng	99
18) Hexachloroethane	7.298	117	173076	50.190	ng	92
19) n-Nitroso-di-n-propyla...	7.204	70	288997	44.940	ng	98
20) 3+4-Methylphenols	7.198	107	396654	43.650	ng	# 90
22) Acetophenone	7.198	105	572321	47.227	ng	96
24) Nitrobenzene	7.369	77	474023	46.400	ng	95
25) Isophorone	7.610	82	865591	47.363	ng	99
26) 2-Nitrophenol	7.686	139	236491	52.219	ng	95
27) 2,4-Dimethylphenol	7.728	122	380741	53.766	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	559863	46.894	ng	98
29) 2,4-Dichlorophenol	7.928	162	317569	49.113	ng	98
30) 1,2,4-Trichlorobenzene	8.010	180	334609	49.653	ng	99
31) Naphthalene	8.092	128	1214807	49.099	ng	99
32) Benzoic acid	7.863	122	302931	57.350	ng	96
33) 4-Chloroaniline	8.139	127	77592	7.486	ng	95
34) Hexachlorobutadiene	8.210	225	166278	50.765	ng	98
35) Caprolactam	8.516	113	119148m	72.433	ng	
36) 4-Chloro-3-methylphenol	8.627	107	375630	47.601	ng	99
37) 2-Methylnaphthalene	8.780	142	760723	52.120	ng	98
38) 1-Methylnaphthalene	8.880	142	704644	49.934	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	260549	49.984	ng	98
41) Hexachlorocyclopentadiene	8.939	237	280290	132.069	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	191313	49.627	ng	96

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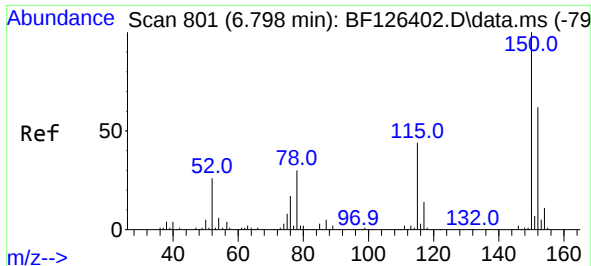
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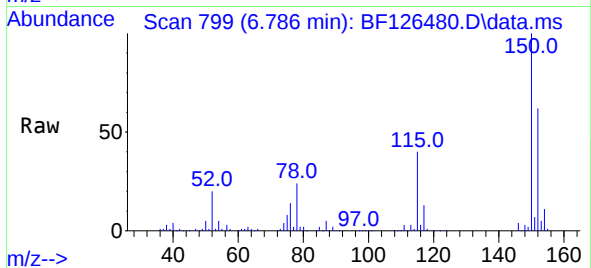
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	202408	48.779	ng	98
46) 1,1'-Biphenyl	9.245	154	877404	49.869	ng	99
47) 2-Chloronaphthalene	9.269	162	643380	48.279	ng	98
48) 2-Nitroaniline	9.369	65	222097	41.272	ng	88
49) Acenaphthylene	9.686	152	992648	49.113	ng	100
50) Dimethylphthalate	9.551	163	718635	47.987	ng	100
51) 2,6-Dinitrotoluene	9.610	165	165468	51.163	ng	99
52) Acenaphthene	9.857	154	689773m	52.056	ng	
53) 3-Nitroaniline	9.774	138	79071	17.832	ng	88
54) 2,4-Dinitrophenol	9.886	184	148656	88.971	ng	91
55) Dibenzofuran	10.033	168	835694	46.653	ng	98
56) 4-Nitrophenol	9.951	139	279098	88.500	ng	87
57) 2,4-Dinitrotoluene	10.016	165	206500	49.490	ng	92
58) Fluorene	10.374	166	594760	46.960	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	146324	49.130	ng	93
60) Diethylphthalate	10.251	149	685227	47.477	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	257496	46.589	ng	94
62) 4-Nitroaniline	10.392	138	165512	39.631	ng	93
63) Azobenzene	10.527	77	818823	44.046	ng	98
65) 4,6-Dinitro-2-methylph...	10.421	198	101286	52.640	ng	90
66) n-Nitrosodiphenylamine	10.486	169	550289	49.919	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	166880	52.915	ng	97
68) Hexachlorobenzene	10.921	284	198222	54.035	ng	97
69) Atrazine	11.016	200	162788	85.759	ng	99
70) Pentachlorophenol	11.116	266	185030	103.776	ng	98
71) Phenanthrene	11.333	178	897055	49.383	ng	99
72) Anthracene	11.386	178	924625	50.870	ng	100
73) Carbazole	11.539	167	812024	45.623	ng	100
74) Di-n-butylphthalate	11.874	149	1012682	49.975	ng	99
75) Fluoranthene	12.521	202	805361	48.576	ng	99
77) Benzidine	12.639	184	228242	75.397	ng	98
78) Pyrene	12.751	202	805346	50.574	ng	100
80) Butylbenzylphthalate	13.374	149	358969	50.872	ng	85
81) Benzo(a)anthracene	13.939	228	512531	47.297	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	123366	24.402	ng	97
83) Chrysene	13.974	228	551147	49.584	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	400154	54.720	ng	98
85) Di-n-octyl phthalate	14.545	149	746212	58.839	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	777899	57.856	ng	98
88) Benzo(b)fluoranthene	14.974	252	604970	50.548	ng	98
89) Benzo(k)fluoranthene	15.004	252	553699	47.758	ng	98
90) Benzo(a)pyrene	15.327	252	600661	59.856	ng	98
91) Dibenzo(a,h)anthracene	16.827	278	643266	59.290	ng	98
92) Benzo(g,h,i)perylene	17.239	276	697492	60.374	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

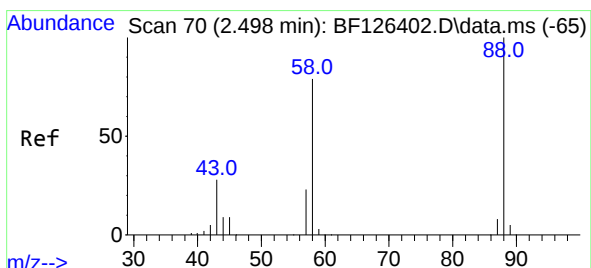
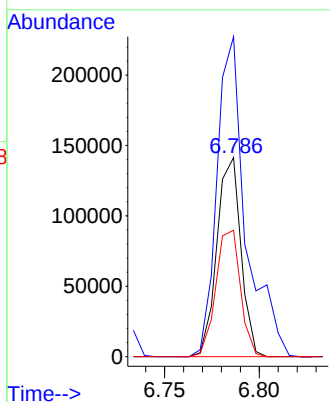
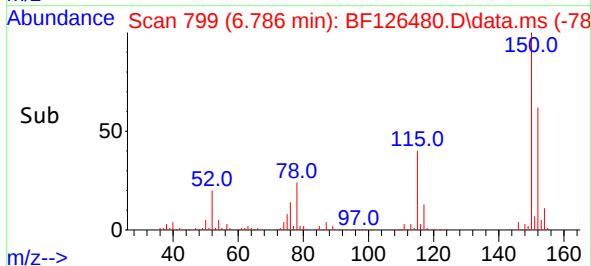
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



Tgt Ion:152 Resp: 124950
Ion Ratio Lower Upper
152 100
150 160.6 128.1 192.1
115 63.5 56.7 85.1

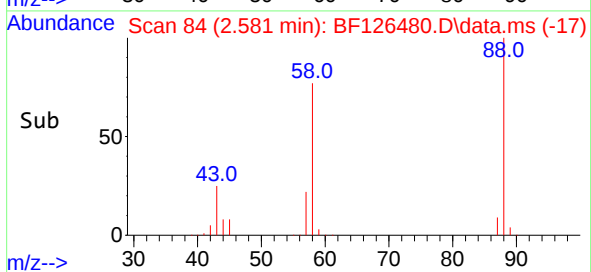
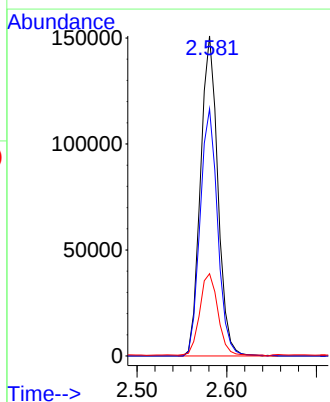
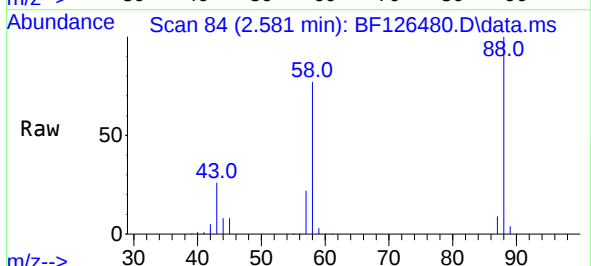
Manual Integrations
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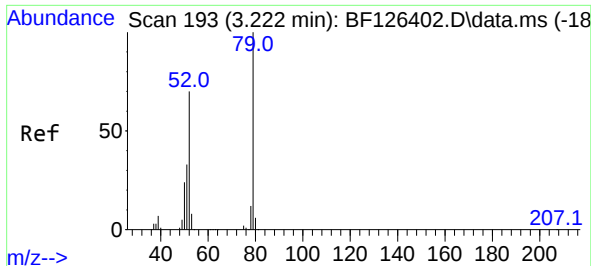
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#2
1,4-Dioxane
Concen: 46.343 ng
RT: 2.581 min Scan# 84
Delta R.T. 0.094 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

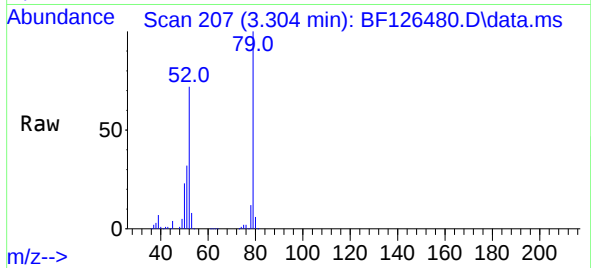
Tgt Ion: 88 Resp: 202205
Ion Ratio Lower Upper
88 100
58 78.3 62.8 94.2
43 27.5 22.3 33.5





#3
Pyridine
Concen: 38.163 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.094 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

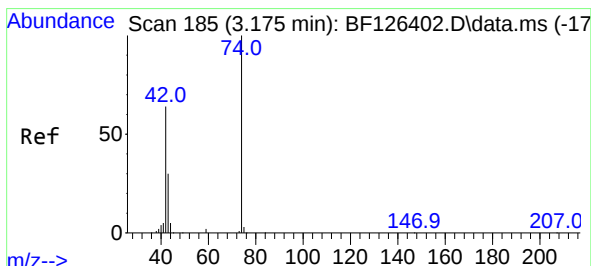
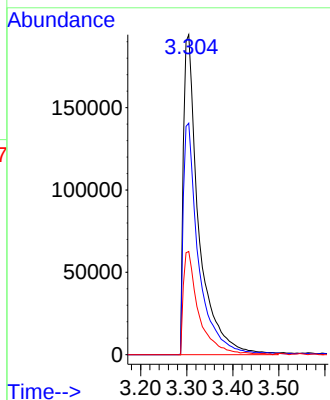
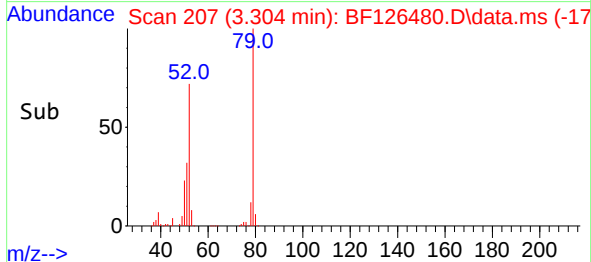
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



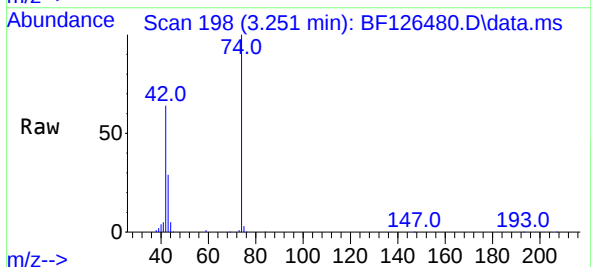
Tgt Ion: 79 Resp: 449154
Ion Ratio Lower Upper
79 100
52 72.3 56.2 84.4
51 32.3 26.7 40.1

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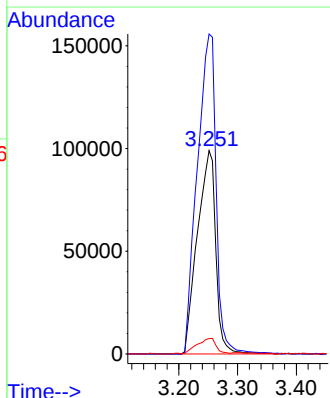
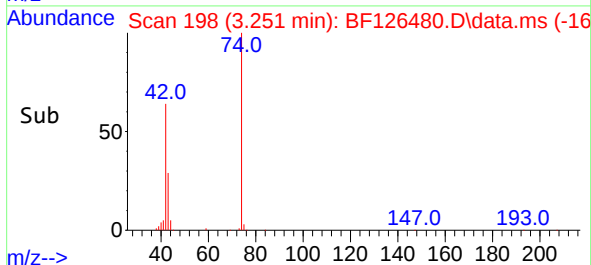
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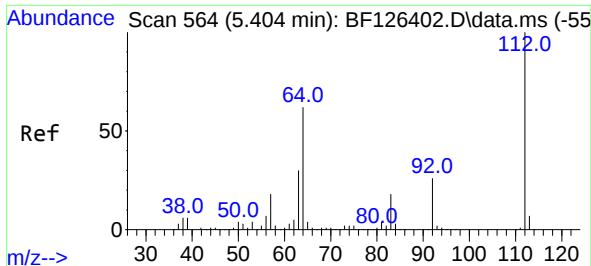


#4
n-Nitrosodimethylamine
Concen: 44.550 ng
RT: 3.251 min Scan# 198
Delta R.T. 0.088 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



Tgt Ion: 42 Resp: 215569
Ion Ratio Lower Upper
42 100
74 157.3 125.6 188.4
44 7.6 5.7 8.5





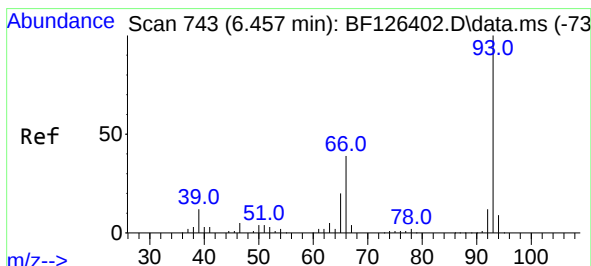
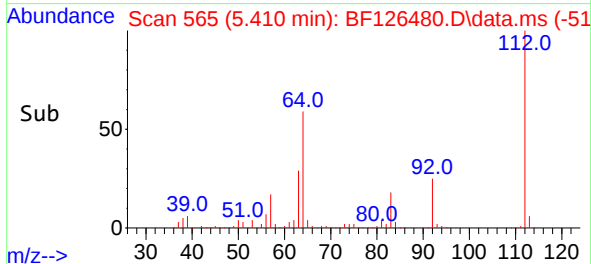
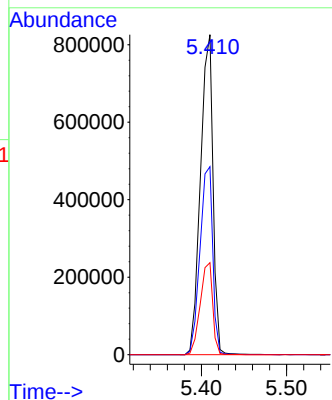
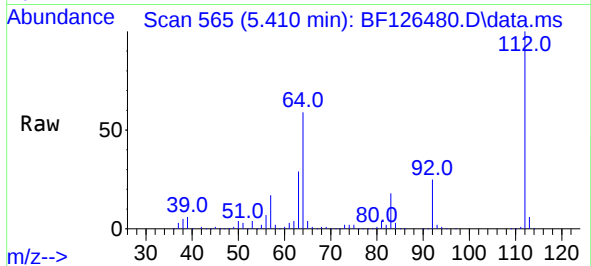
#5
2-Fluorophenol
Concen: 96.910 ng
RT: 5.410 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Instrument :
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ClientSampleId :
SB-11-(10-15)MSD

Tgt Ion:112 Resp: 843200
Ion Ratio Lower Upper
112 100
64 58.7 49.5 74.3
63 28.7 23.9 35.9

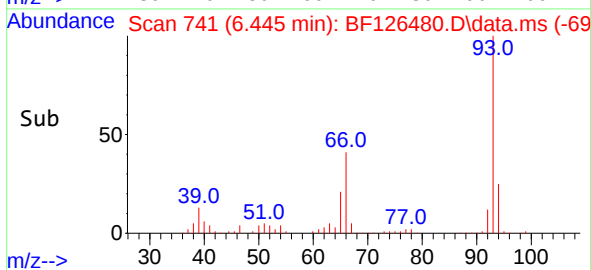
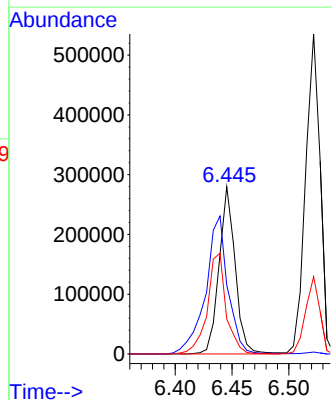
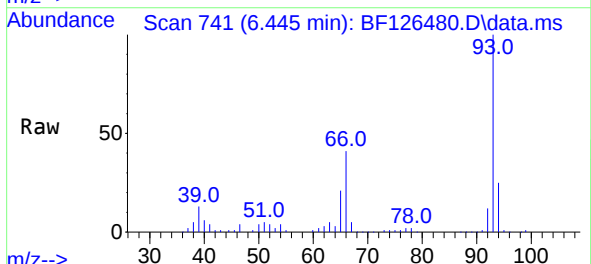
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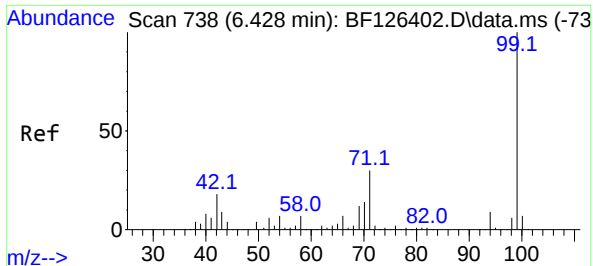
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#6
Aniline
Concen: 19.820 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

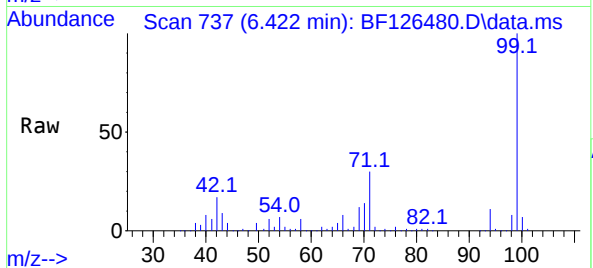
Tgt Ion: 93 Resp: 277739
Ion Ratio Lower Upper
93 100
66 41.1 32.2 48.4
65 20.9 16.3 24.5





#7
Phenol-d6
Concen: 96.092 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

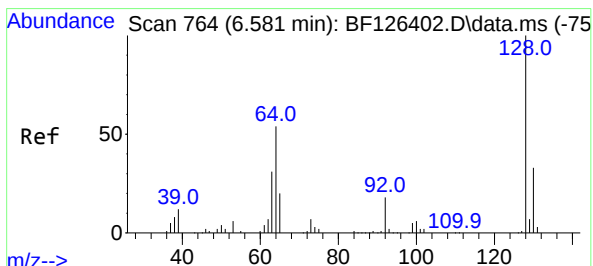
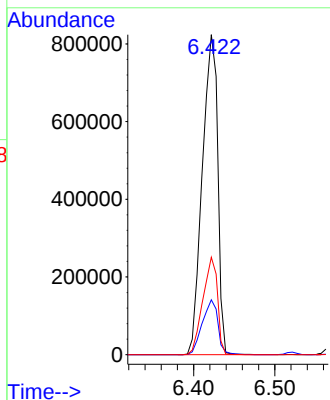
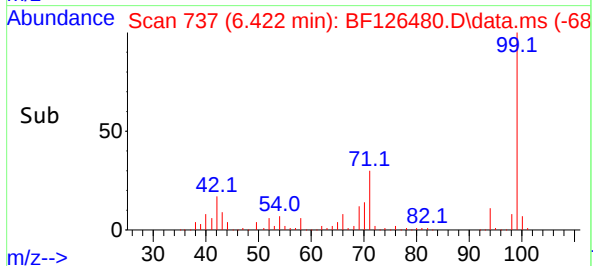
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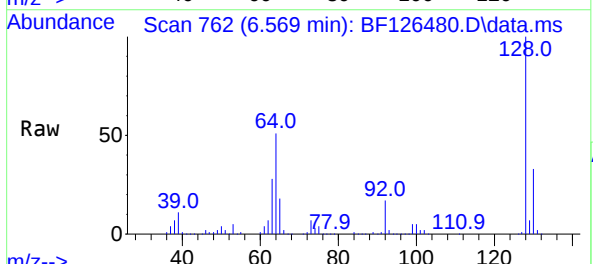
Tgt Ion: 99 Resp: 108290
Ion Ratio Lower Upper
99 100
42 17.1 14.2 21.4
71 30.4 24.3 36.5

Manual Integrations
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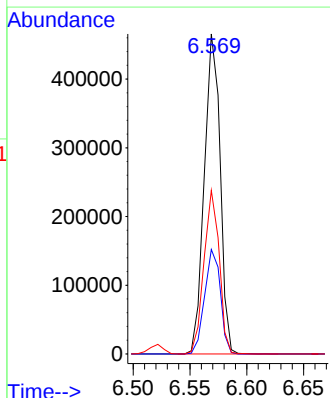
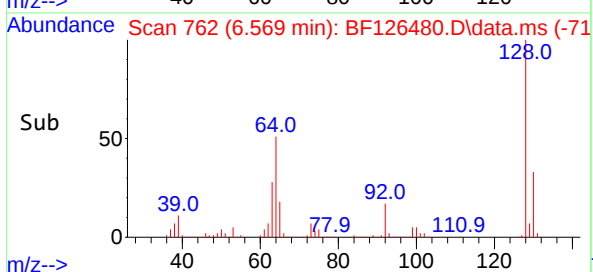
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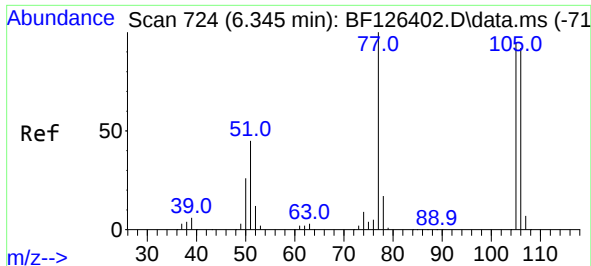


#8
2-Chlorophenol
Concen: 52.008 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



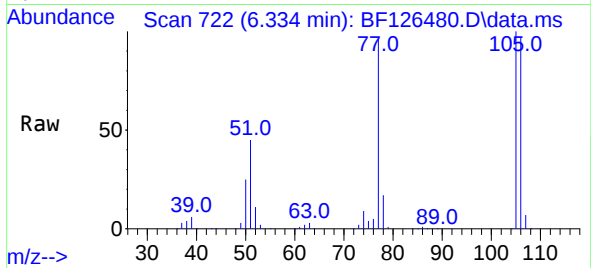
Tgt Ion:128 Resp: 451279
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 51.1 35.6 75.6





#9
Benzaldehyde
Concen: 41.606 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

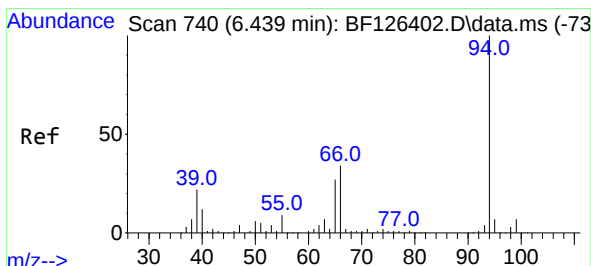
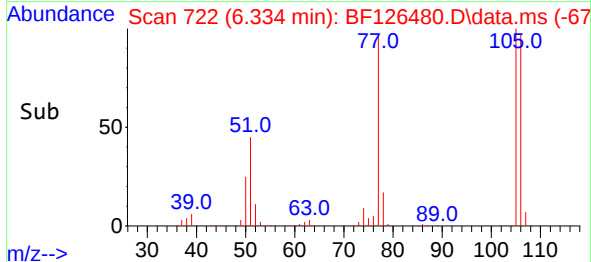
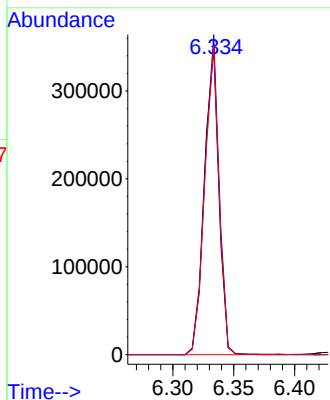
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



Tgt Ion: 77 Resp: 290259
Ion Ratio Lower Upper
77 100
105 104.6 74.9 114.9
106 101.0 72.4 112.4

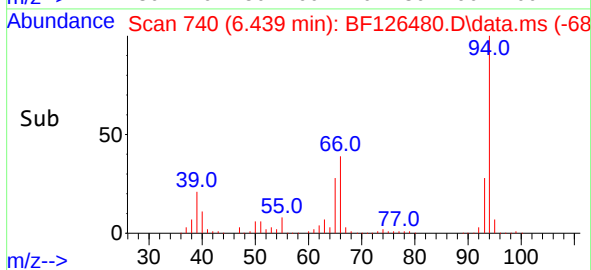
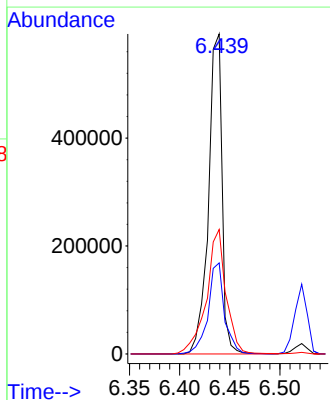
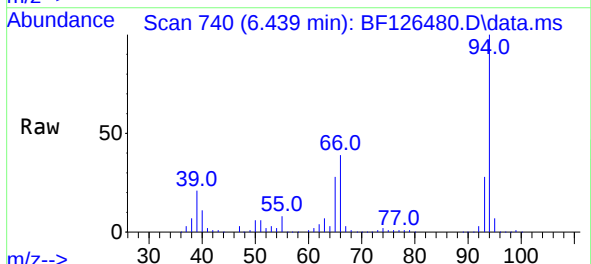
Manual Integrations
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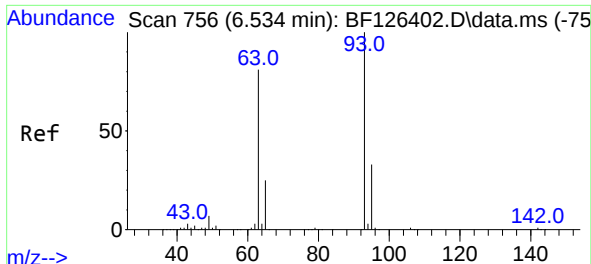
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#10
Phenol
Concen: 44.664 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

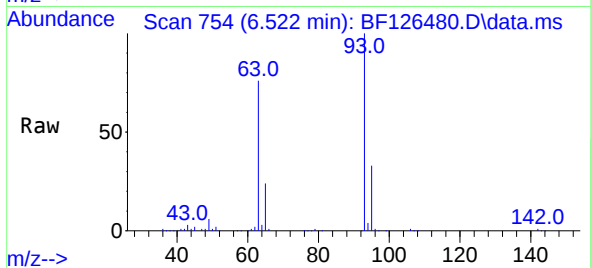
Tgt Ion: 94 Resp: 561712
Ion Ratio Lower Upper
94 100
65 28.4 7.2 47.2
66 38.9 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 49.635 ng
RT: 6.522 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

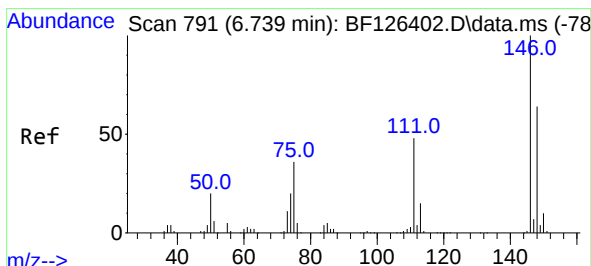
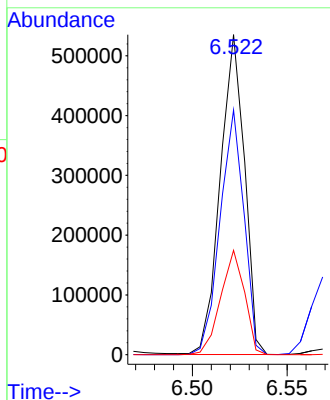
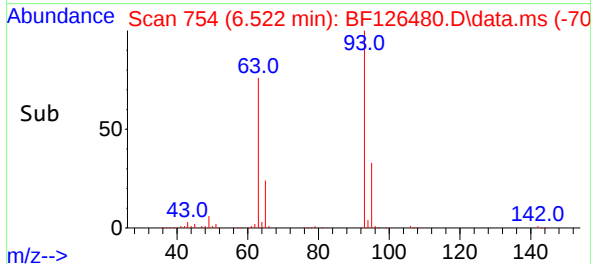
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



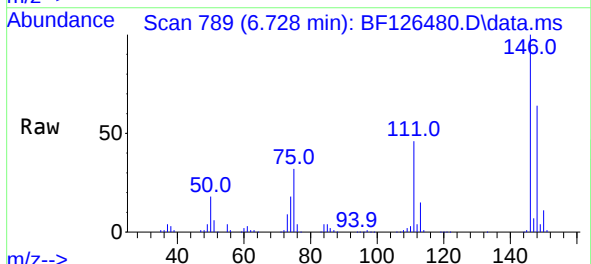
Tgt Ion: 93 Resp: 47664
Ion Ratio Lower Upper
93 100
63 76.5 60.5 100.5
95 32.6 12.9 52.9

Manual Integrations
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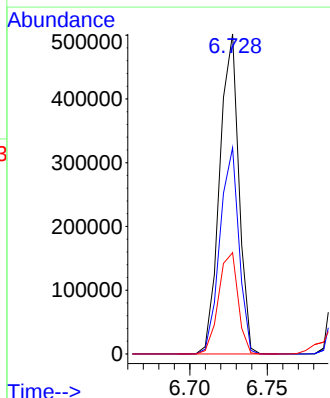
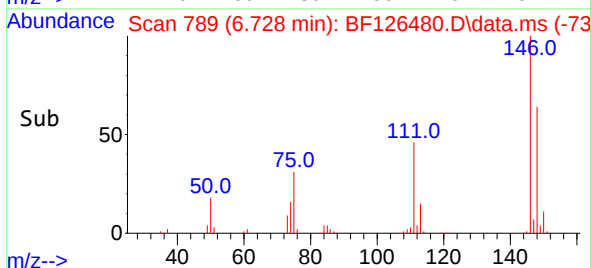
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

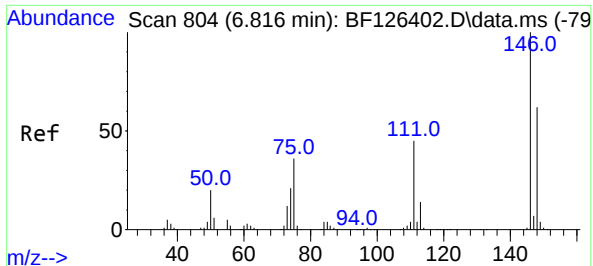


#12
1,3-Dichlorobenzene
Concen: 49.710 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



Tgt Ion:146 Resp: 431038
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
75 31.7 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 50.075 ng

RT: 6.804 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF126480.D

Acq: 4 Jan 2022 21:39

Instrument :

BNA_F

ClientSampleId :

SB-11-(10-15)MSD

Tgt Ion:146 Resp: 433408

Ion Ratio Lower Upper

146 100

148 63.8 49.8 74.6

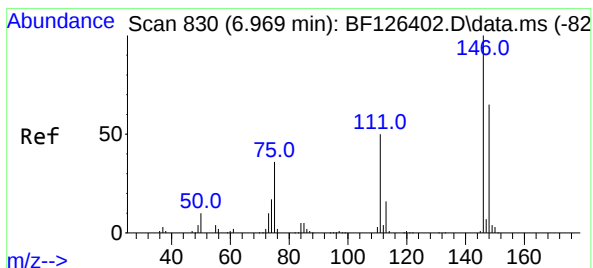
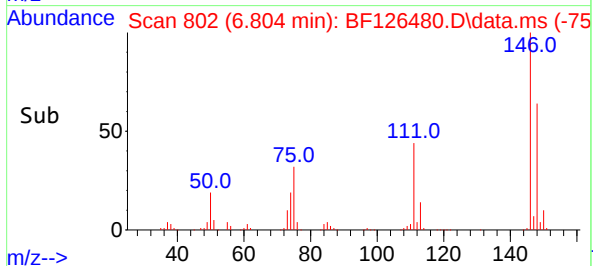
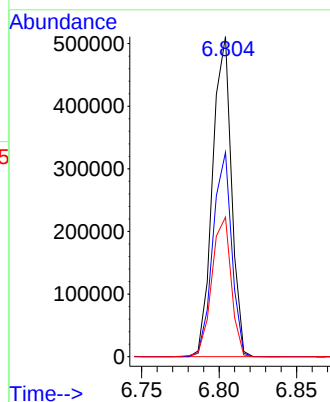
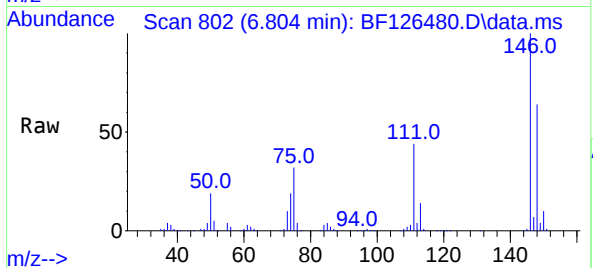
111 43.6 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2022

Supervised By :Jagrut Upadhyay 01/05/2022



#14

1,2-Dichlorobenzene

Concen: 49.972 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.000 min

Lab File: BF126480.D

Acq: 4 Jan 2022 21:39

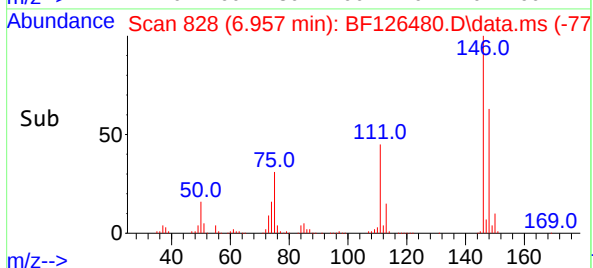
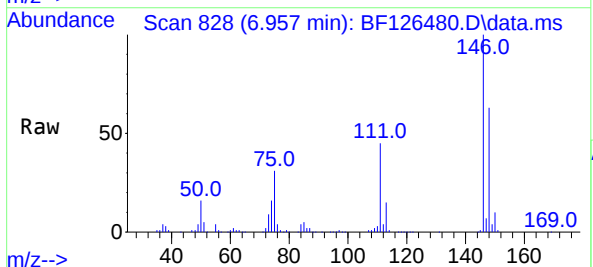
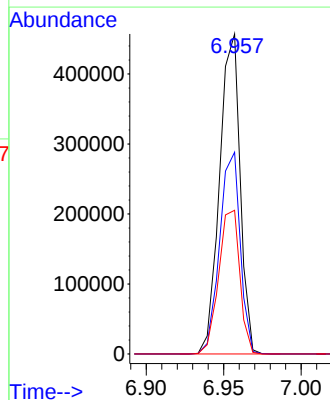
Tgt Ion:146 Resp: 421423

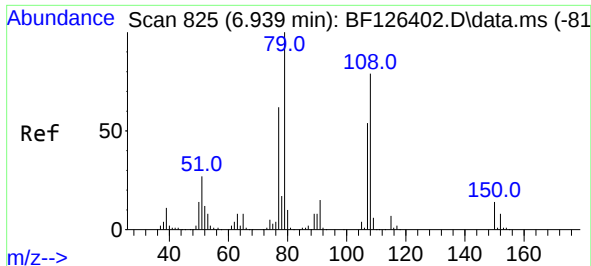
Ion Ratio Lower Upper

146 100

148 63.1 51.6 77.4

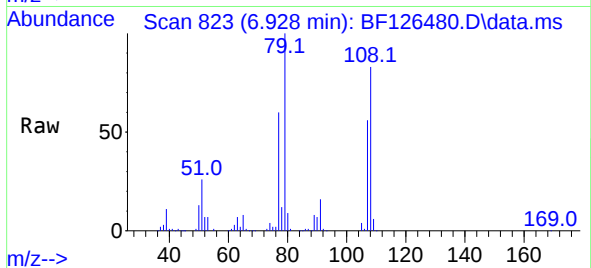
111 44.9 40.2 60.2





#15
Benzyl Alcohol
Concen: 49.092 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

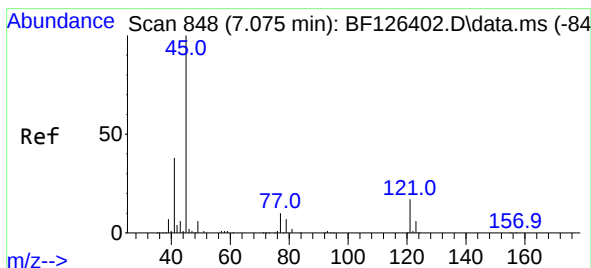
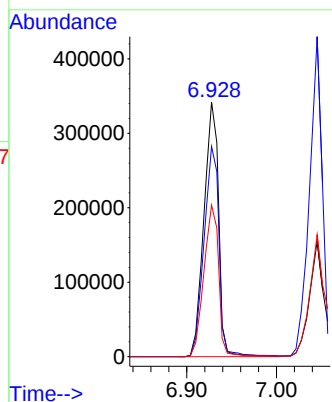
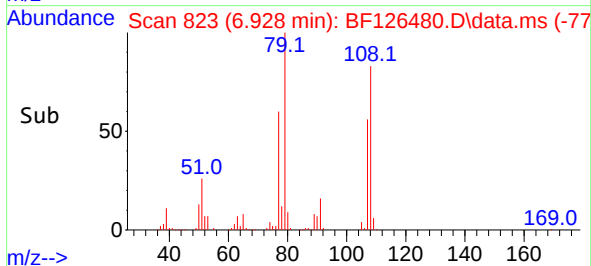
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



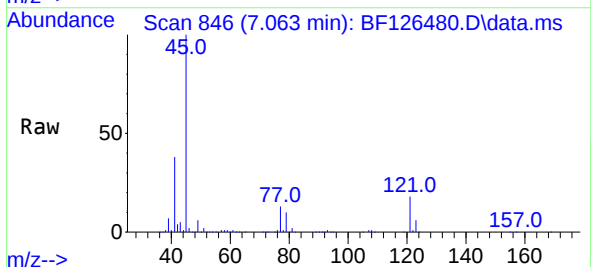
Tgt Ion: 79 Resp: 38708
Ion Ratio Lower Upper
79 100
108 82.5 63.2 94.8
77 59.5 49.4 74.2

Manual Integrations
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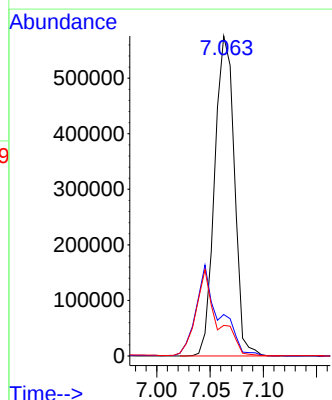
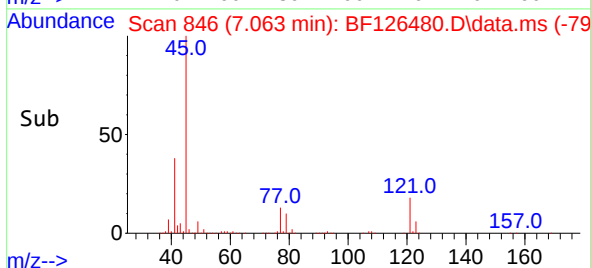
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

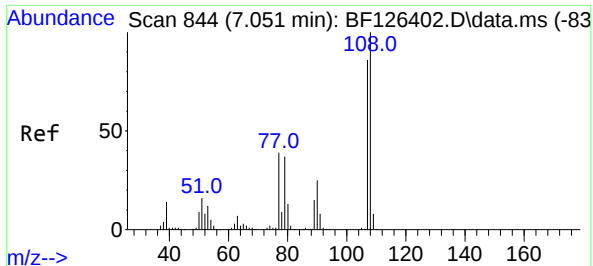


#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.960 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



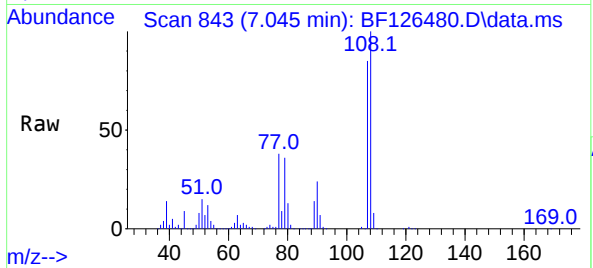
Tgt Ion: 45 Resp: 738403
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.4
79 9.6 0.0 29.8





#17
2-Methylphenol
Concen: 47.751 ng
RT: 7.045 min Scan# 844
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

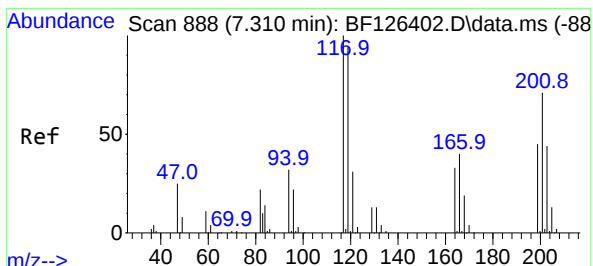
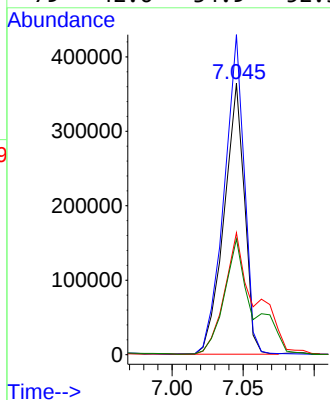
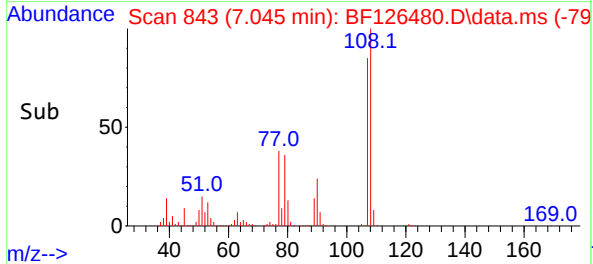
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



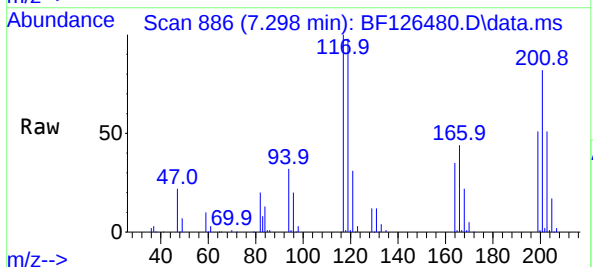
Tgt Ion:107 Resp: 36447
Ion Ratio Lower Upper
107 100
108 117.9 93.4 140.0
77 44.9 36.1 54.1
79 42.6 34.9 52.3

Manual Integrations
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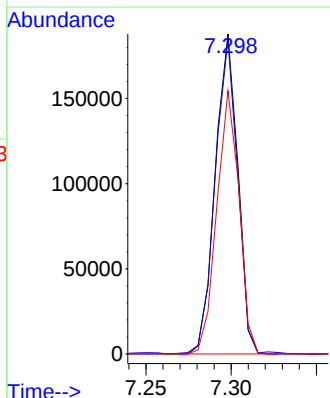
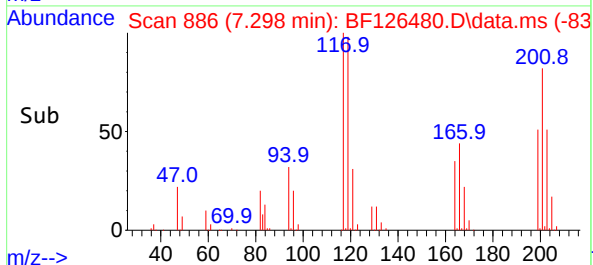
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

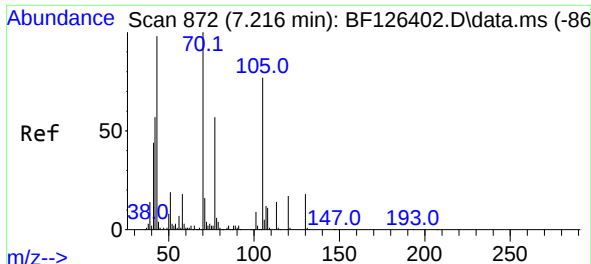


#18
Hexachloroethane
Concen: 50.190 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



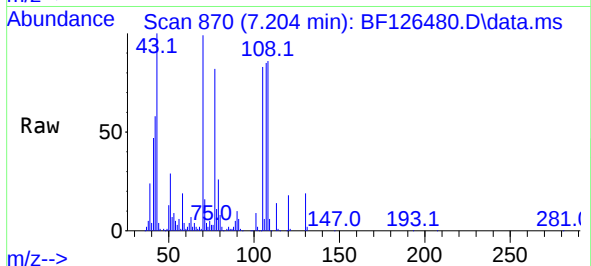
Tgt Ion:117 Resp: 173076
Ion Ratio Lower Upper
117 100
119 98.2 75.4 113.0
201 82.3 56.8 85.2





#19
n-Nitroso-di-n-propylamine
Concen: 44.940 ng
RT: 7.204 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

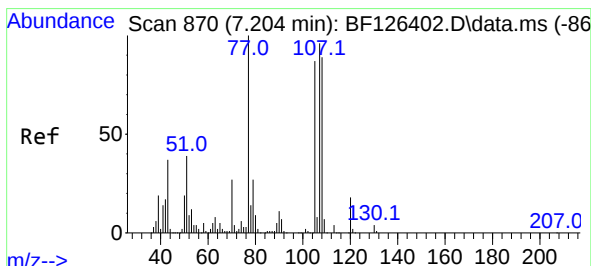
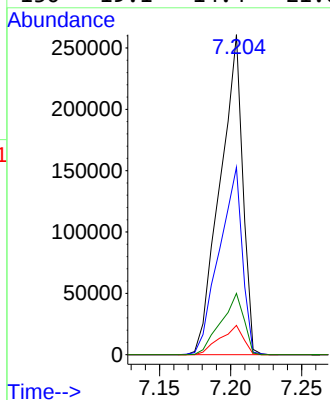
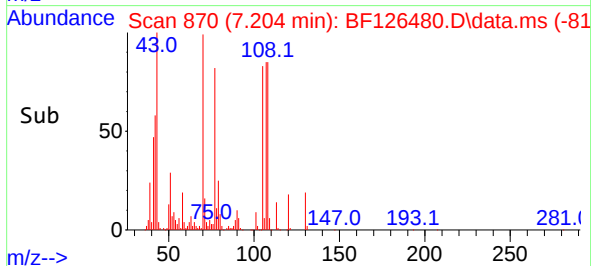
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



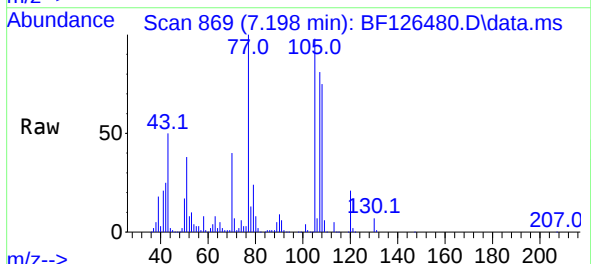
Tgt Ion: 70 Resp: 28899
Ion Ratio Lower Upper
70 100
42 58.6 45.8 68.8
101 9.1 6.9 10.3
130 19.1 14.4 21.6

Manual Integrations
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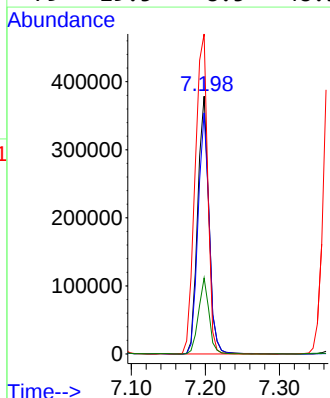
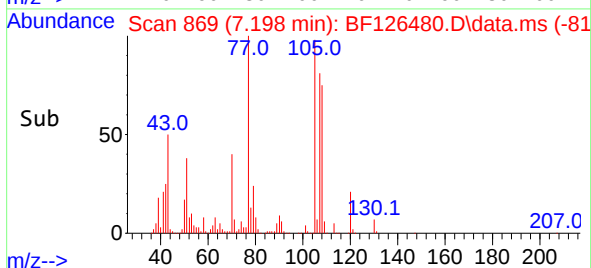
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

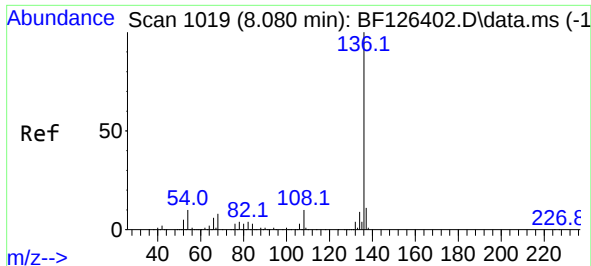


#20
3+4-Methylphenols
Concen: 43.650 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



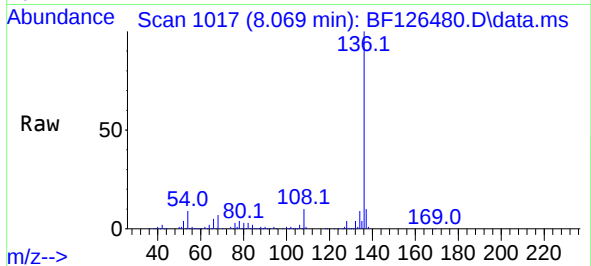
Tgt Ion:107 Resp: 396654
Ion Ratio Lower Upper
107 100
108 93.5 72.4 112.4
77 124.1 83.8 123.8#
79 29.5 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

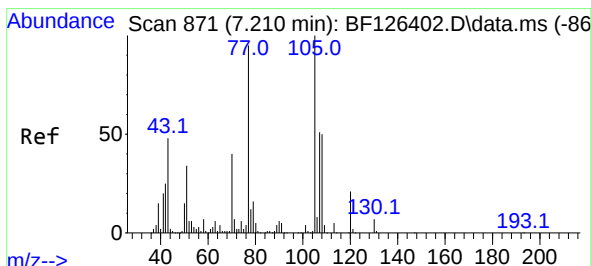
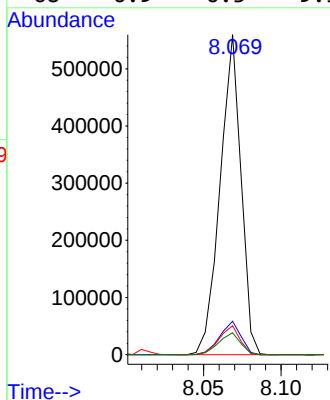
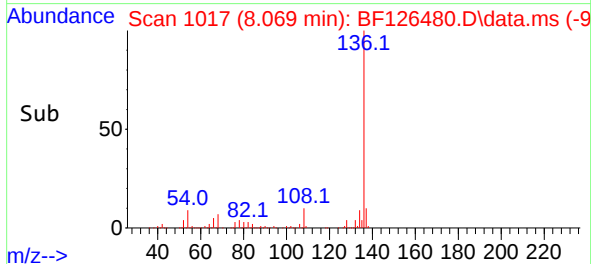
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



Tgt Ion:136 Resp: 524198
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 9.1 7.8 11.6
68 6.9 6.3 9.5

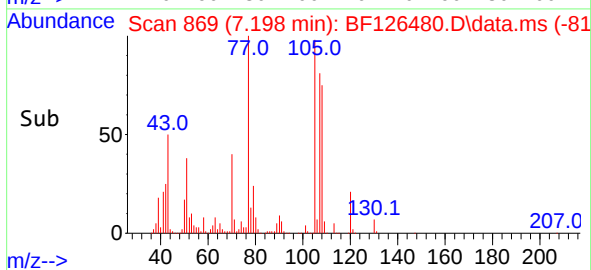
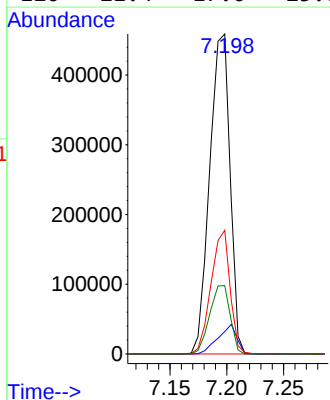
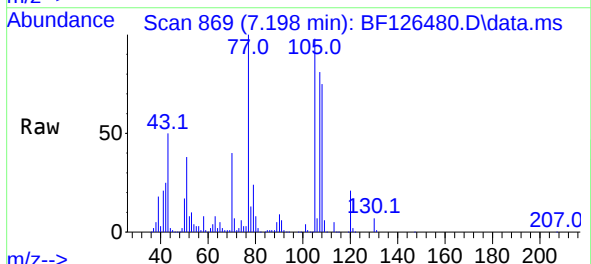
Manual Integrations
APPROVED

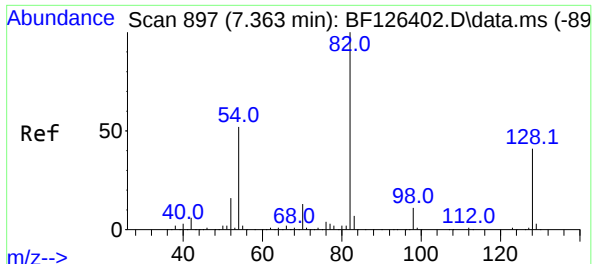
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#22
Acetophenone
Concen: 47.227 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Tgt Ion:105 Resp: 572321
Ion Ratio Lower Upper
105 100
71 7.0 5.4 8.0
51 38.7 27.4 41.0
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 67.949 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.000 min

Lab File: BF126480.D

Acq: 4 Jan 2022 21:39

Instrument :

BNA_F

ClientSampleId :

SB-11-(10-15)MSD

Tgt Ion: 82 Resp: 69369

Ion Ratio Lower Upper

82 100

128 44.8 32.7 49.1

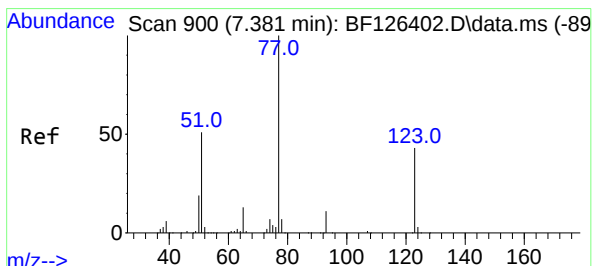
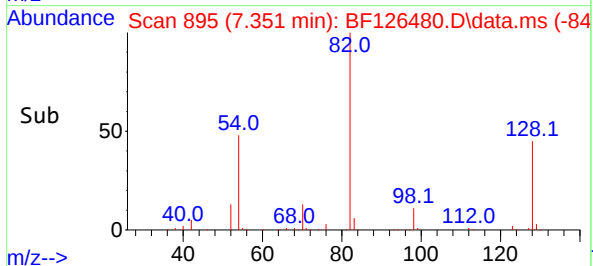
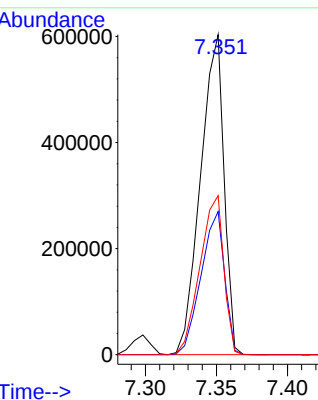
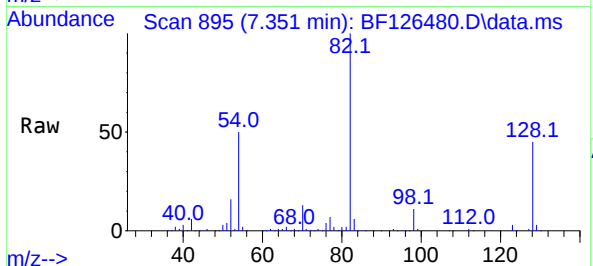
54 49.7 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2022

Supervised By :Jagrut Upadhyay 01/05/2022



#24

Nitrobenzene

Concen: 46.400 ng

RT: 7.369 min Scan# 898

Delta R.T. -0.000 min

Lab File: BF126480.D

Acq: 4 Jan 2022 21:39

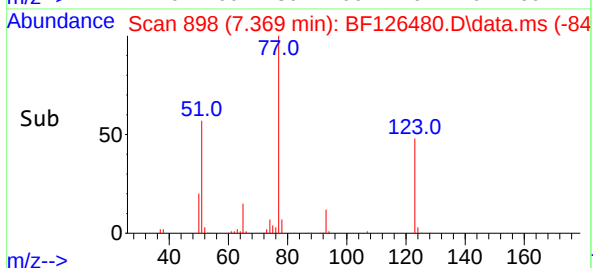
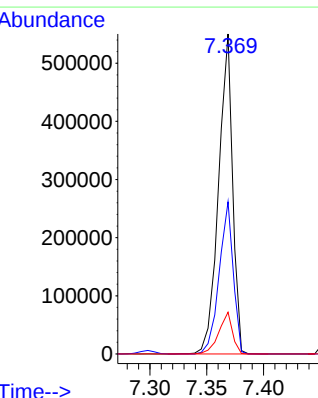
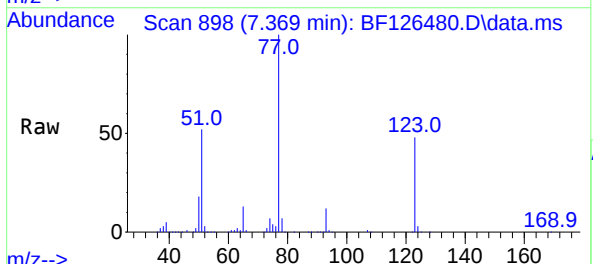
Tgt Ion: 77 Resp: 474023

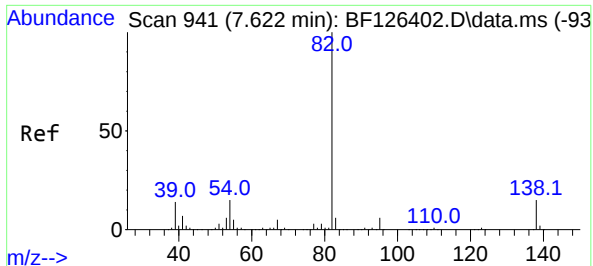
Ion Ratio Lower Upper

77 100

123 47.6 34.6 52.0

65 13.1 10.6 15.8





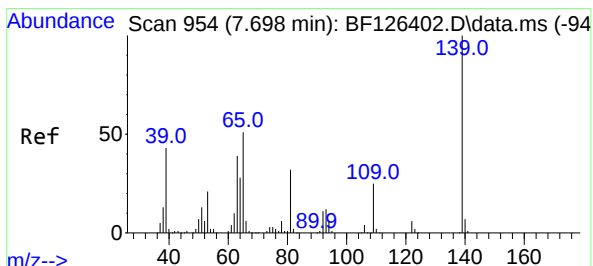
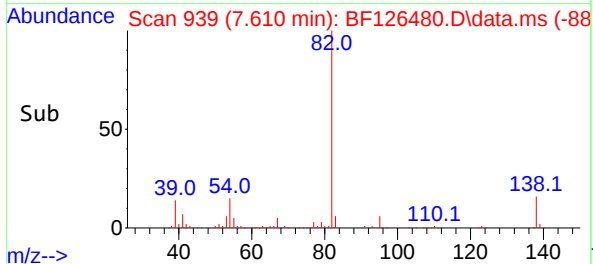
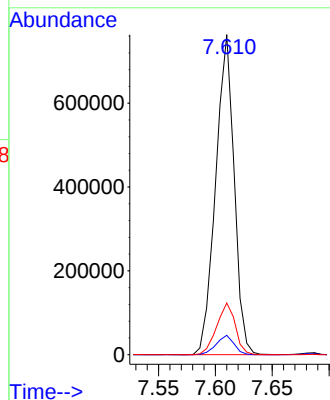
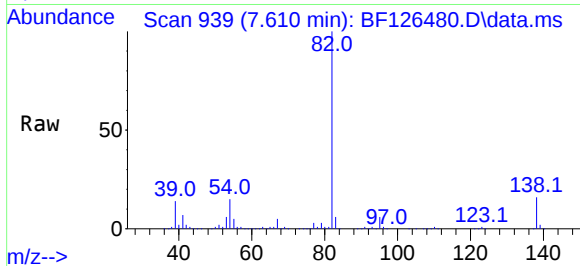
#25
Isophorone
Concen: 47.363 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD

Tgt Ion: 82 Resp: 86559
Ion Ratio Lower Upper
82 100
95 6.1 5.0 7.4
138 16.1 12.3 18.5

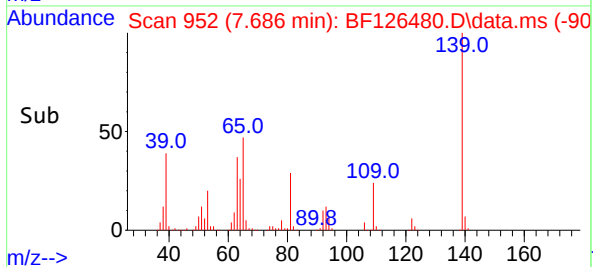
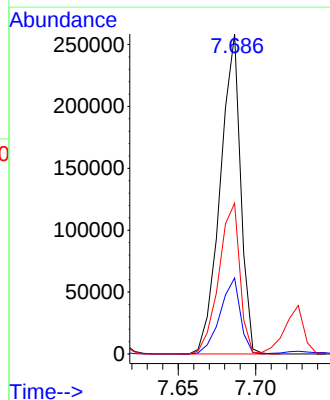
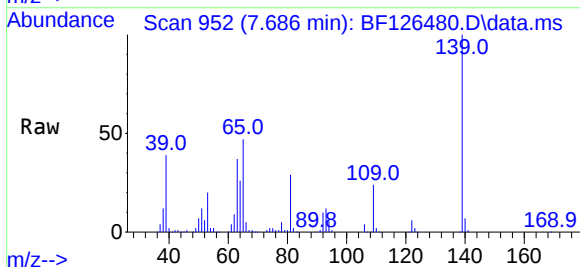
Manual Integrations
APPROVED

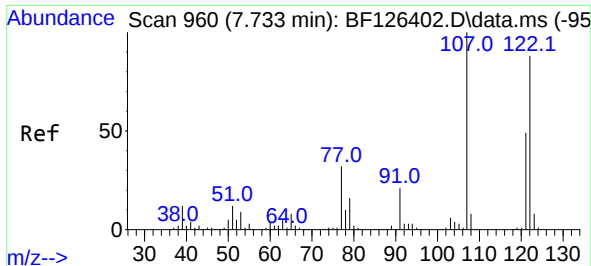
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#26
2-Nitrophenol
Concen: 52.219 ng
RT: 7.686 min Scan# 952
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Tgt Ion:139 Resp: 236491
Ion Ratio Lower Upper
139 100
109 23.8 20.0 30.0
65 47.1 40.8 61.2





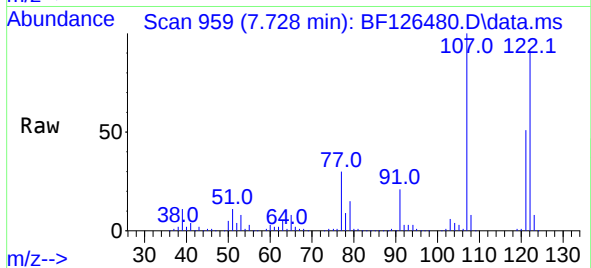
#27
2,4-Dimethylphenol
Concen: 53.766 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Instrument :

BNA_F

ClientSampleId :

SB-11-(10-15)MSD

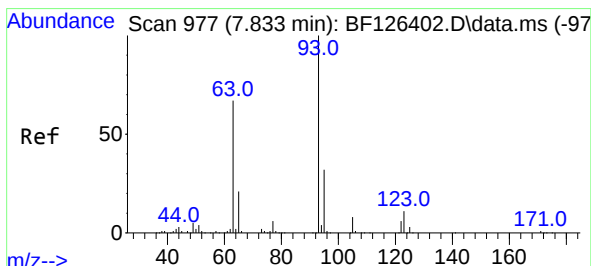
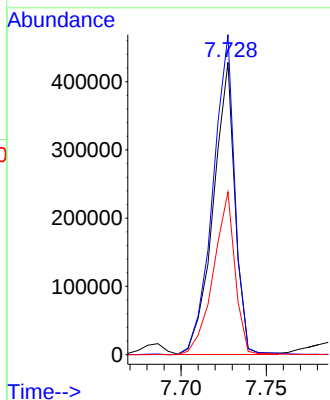
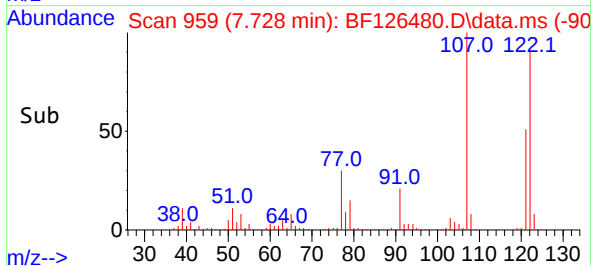


Tgt Ion:122 Resp: 38074
Ion Ratio Lower Upper
122 100
107 109.5 91.2 136.8
121 55.7 44.4 66.6

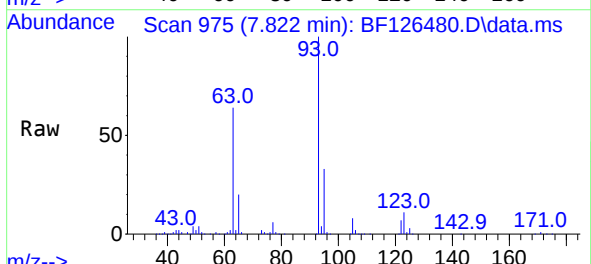
Manual Integrations

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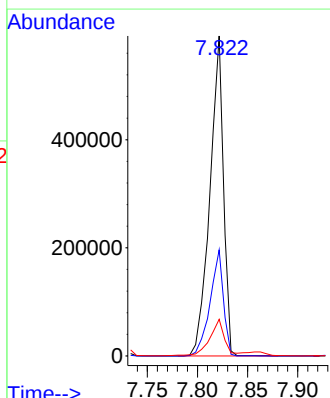
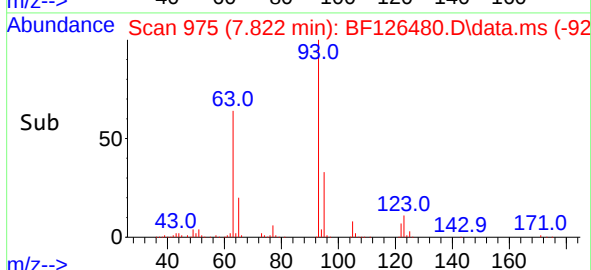
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

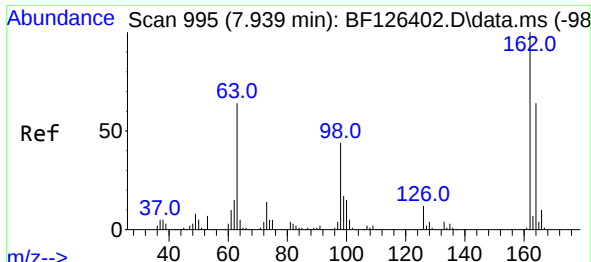


#28
bis(2-Chloroethoxy)methane
Concen: 46.894 ng
RT: 7.822 min Scan# 975
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



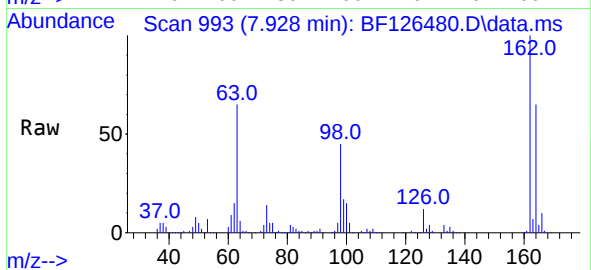
Tgt Ion: 93 Resp: 559863
Ion Ratio Lower Upper
93 100
95 33.1 25.4 38.2
123 11.4 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 49.113 ng
RT: 7.928 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

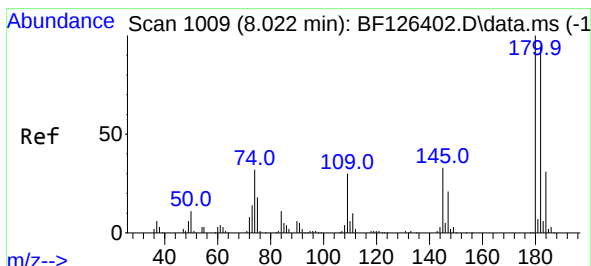
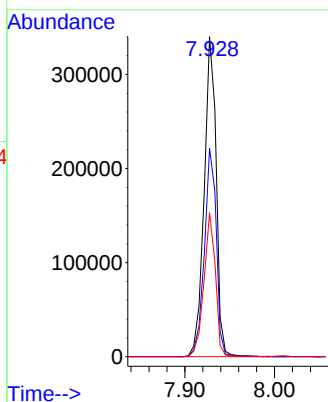
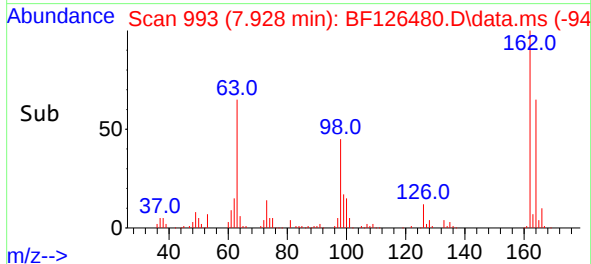
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



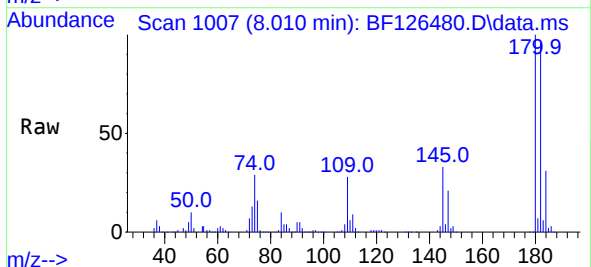
Tgt Ion:162 Resp: 317569
Ion Ratio Lower Upper
162 100
164 65.2 43.8 83.8
98 45.0 23.6 63.6

Manual Integrations
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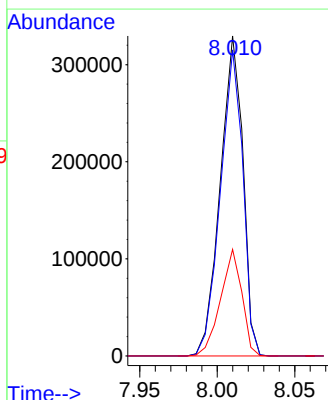
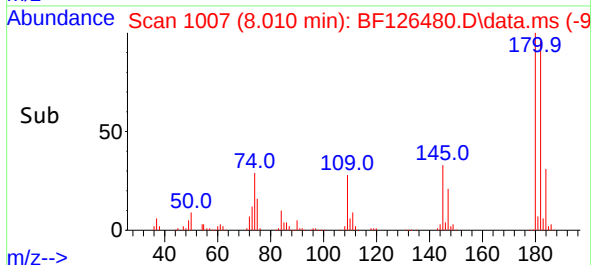
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

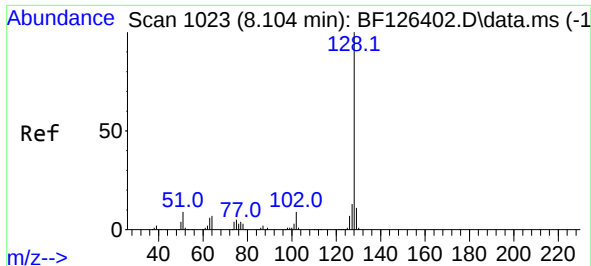


#30
1,2,4-Trichlorobenzene
Concen: 49.653 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



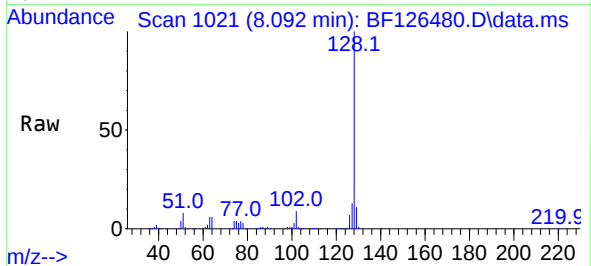
Tgt Ion:180 Resp: 334609
Ion Ratio Lower Upper
180 100
182 95.7 75.5 113.3
145 33.3 26.2 39.2





#31
Naphthalene
Concen: 49.099 ng
RT: 8.092 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

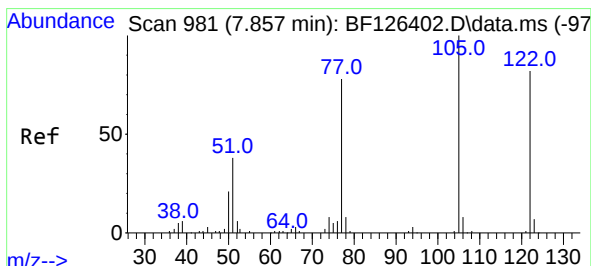
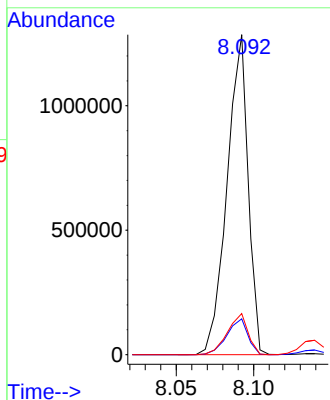
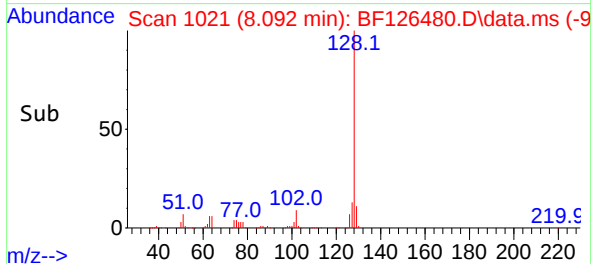
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



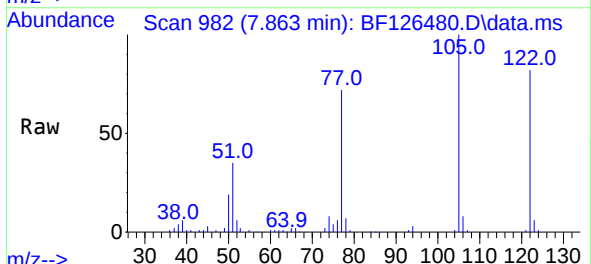
Tgt Ion:128 Resp: 121480
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 12.8 10.3 15.5

Manual Integrations
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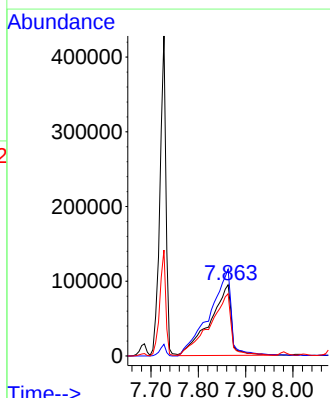
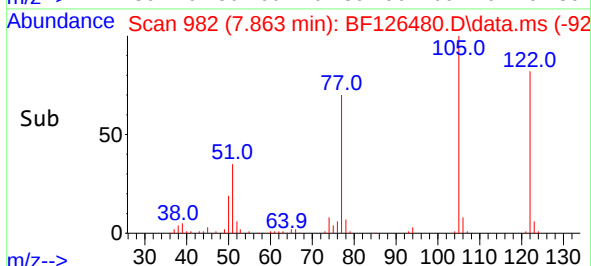
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

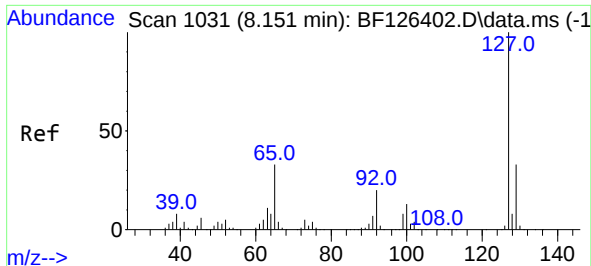


#32
Benzoic acid
Concen: 57.350 ng
RT: 7.863 min Scan# 982
Delta R.T. 0.018 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



Tgt Ion:122 Resp: 302931
Ion Ratio Lower Upper
122 100
105 121.8 101.0 141.0
77 87.5 74.5 114.5





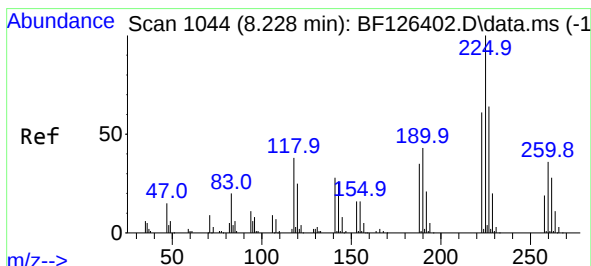
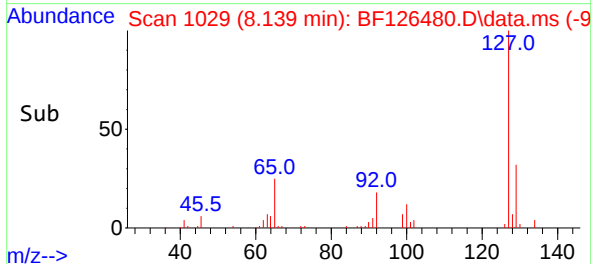
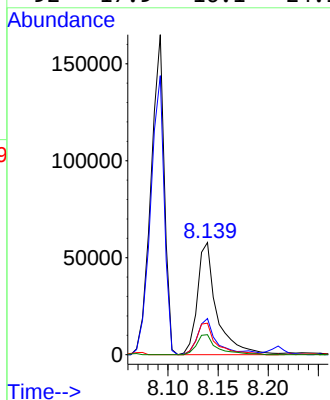
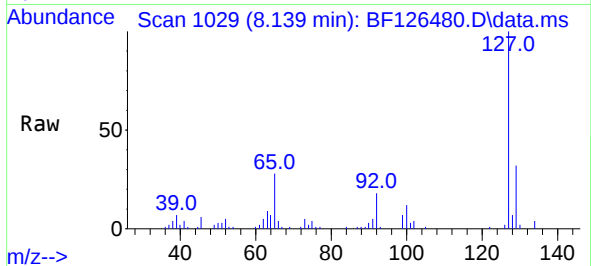
#33
4-Chloroaniline
Concen: 7.486 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD

Tgt Ion:127 Resp: 77592
Ion Ratio Lower Upper
127 100
129 32.2 26.5 39.7
65 28.1 26.6 39.8
92 17.9 16.1 24.1

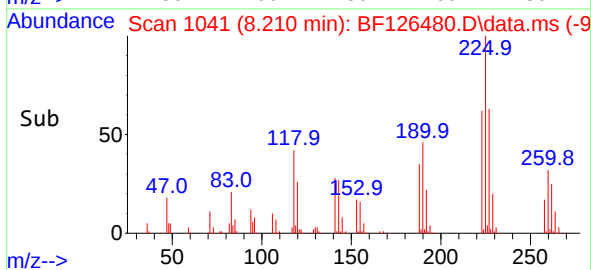
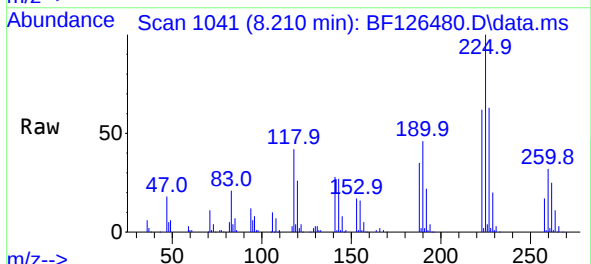
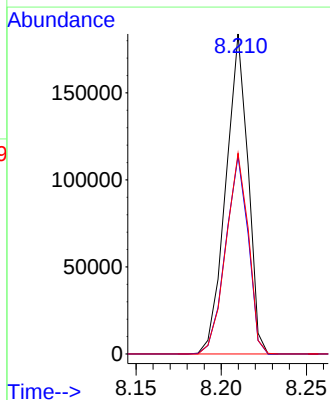
Manual Integrations
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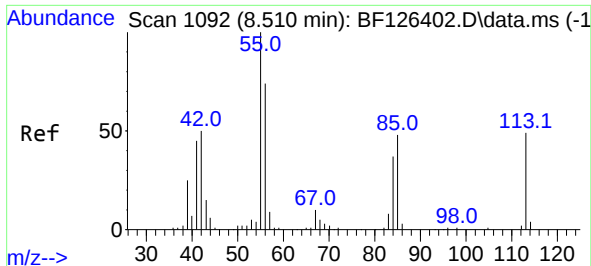
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#34
Hexachlorobutadiene
Concen: 50.765 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

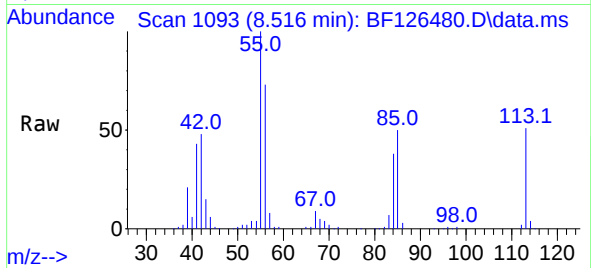
Tgt Ion:225 Resp: 166278
Ion Ratio Lower Upper
225 100
223 61.9 48.6 73.0
227 62.7 51.4 77.0





#35
Caprolactam
Concen: 72.433 ng m
RT: 8.516 min Scan# 1092
Delta R.T. 0.012 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

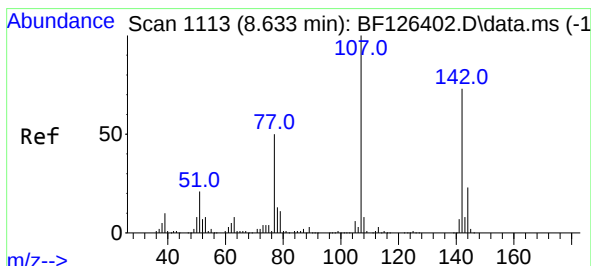
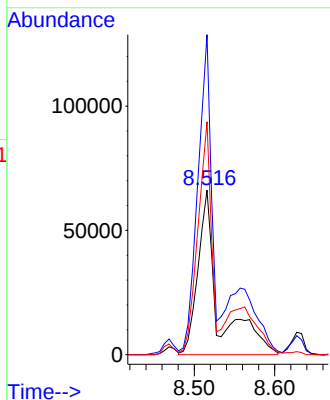
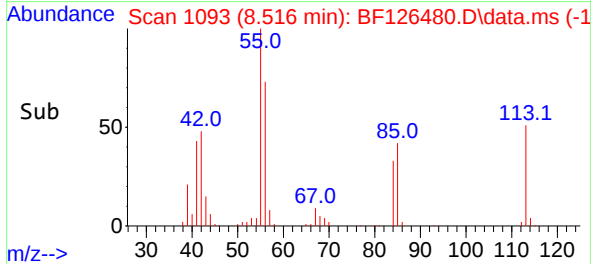
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



Tgt Ion:113 Resp: 11914
Ion Ratio Lower Upper
113 100
55 194.6 183.9 223.9
56 141.7 129.9 169.9

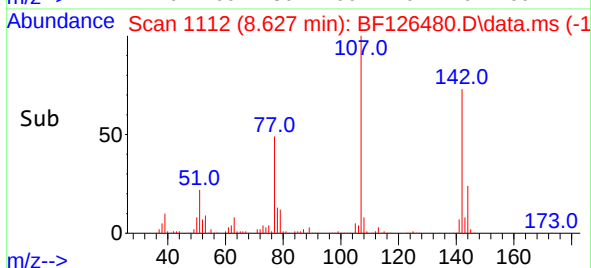
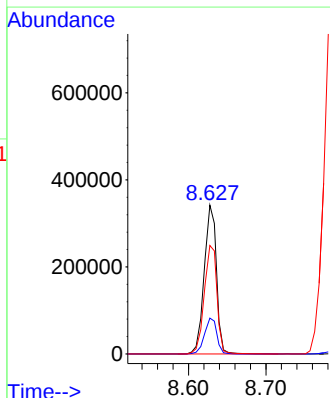
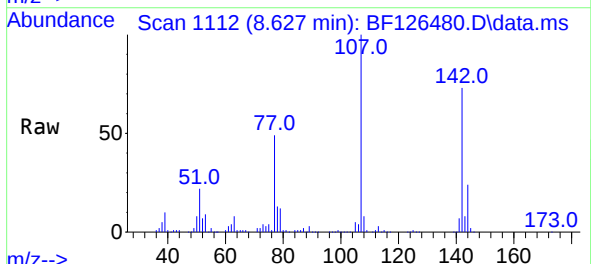
Manual Integrations
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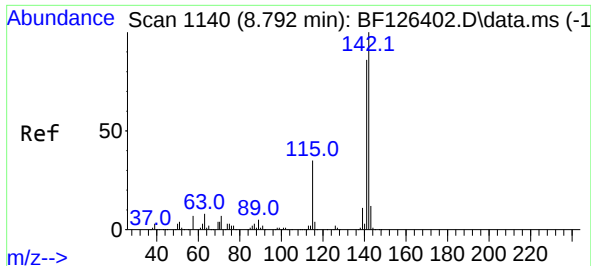
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#36
4-Chloro-3-methylphenol
Concen: 47.601 ng
RT: 8.627 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Tgt Ion:107 Resp: 375630
Ion Ratio Lower Upper
107 100
144 24.1 18.5 27.7
142 72.9 58.1 87.1





#37

2-Methylnaphthalene

Concen: 52.120 ng

RT: 8.780 min Scan# 1140

Delta R.T. -0.000 min

Lab File: BF126480.D

Acq: 4 Jan 2022 21:39

Instrument :

BNA_F

ClientSampleId :

SB-11-(10-15)MSD

Tgt Ion:142 Resp: 76072

Ion Ratio Lower Upper

142 100

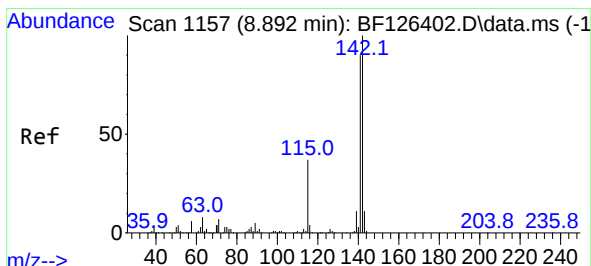
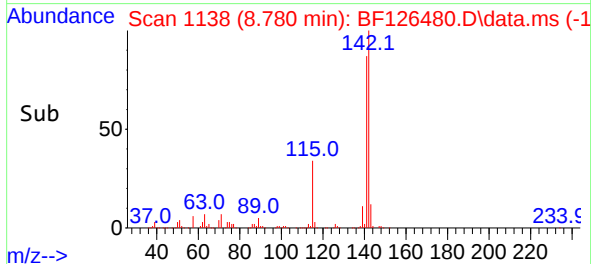
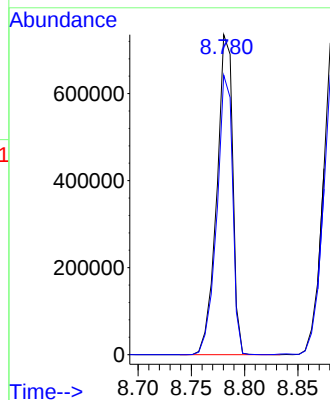
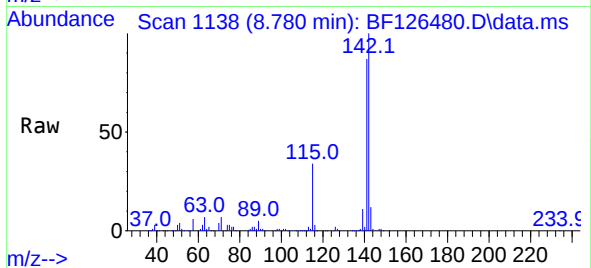
141 87.3 68.6 102.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/05/2022

Supervised By :Jagrut Upadhyay 01/05/2022



#38

1-Methylnaphthalene

Concen: 49.934 ng

RT: 8.880 min Scan# 1155

Delta R.T. -0.000 min

Lab File: BF126480.D

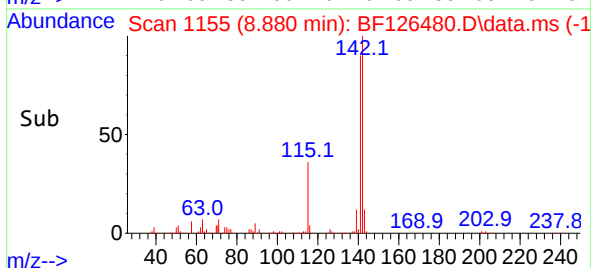
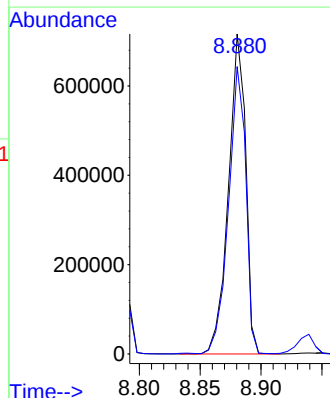
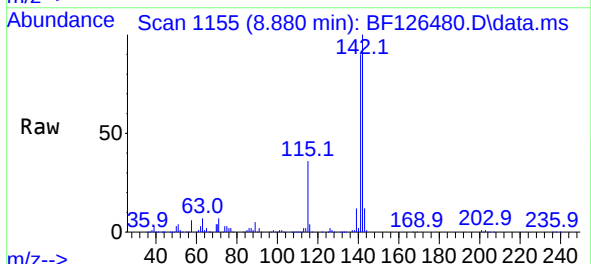
Acq: 4 Jan 2022 21:39

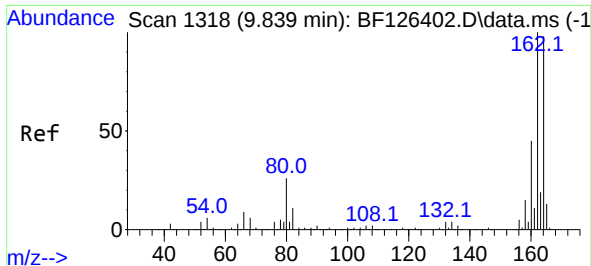
Tgt Ion:142 Resp: 704644

Ion Ratio Lower Upper

142 100

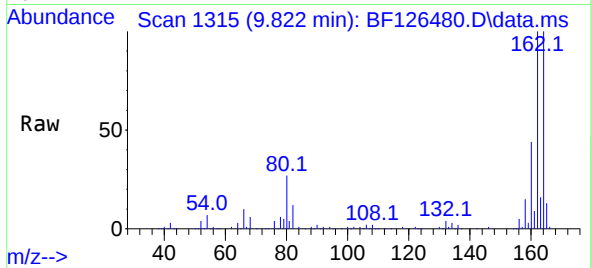
141 89.8 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

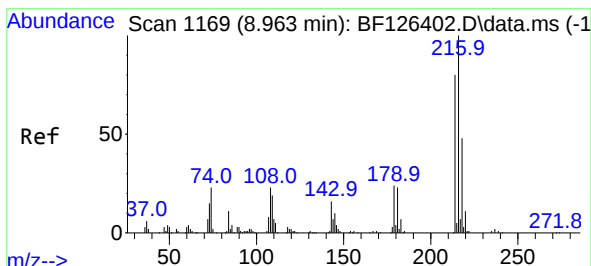
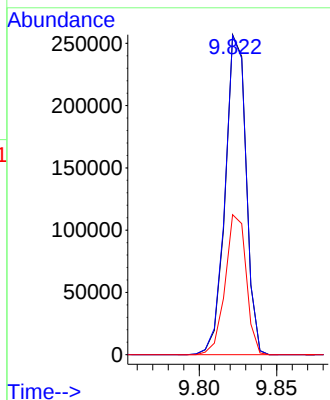
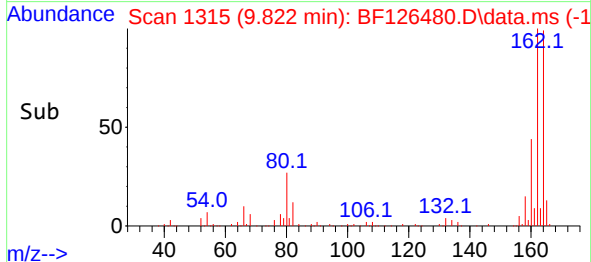
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



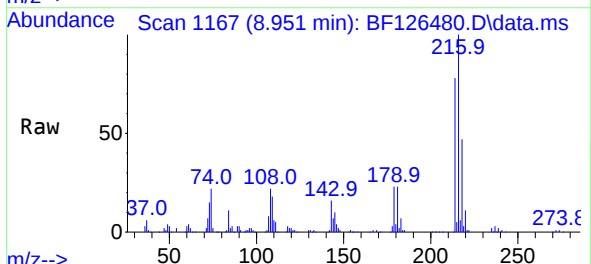
Tgt Ion:164 Resp: 239885
Ion Ratio Lower Upper
164 100
162 99.8 81.4 122.0
160 43.7 36.6 54.8

Manual Integrations
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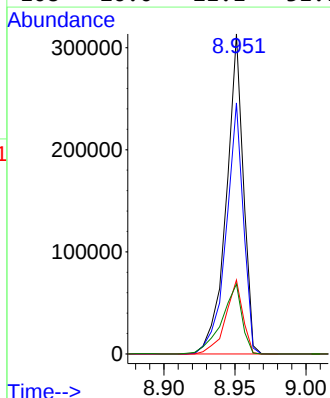
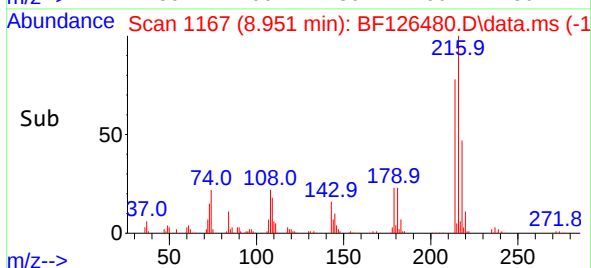
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

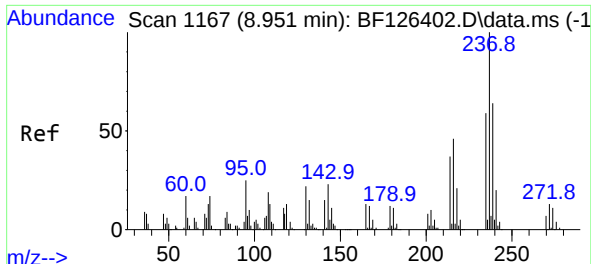


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.984 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



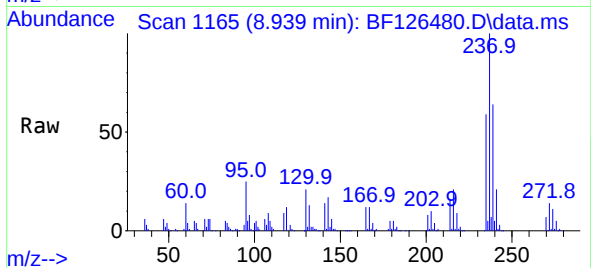
Tgt Ion:216 Resp: 260549
Ion Ratio Lower Upper
216 100
214 79.2 64.6 96.8
179 23.4 19.5 29.3
108 26.0 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 132.069 ng
RT: 8.939 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

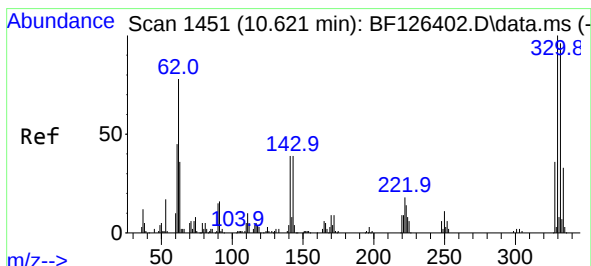
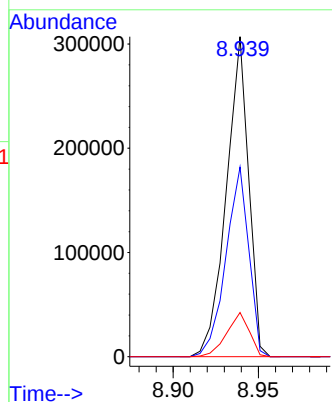
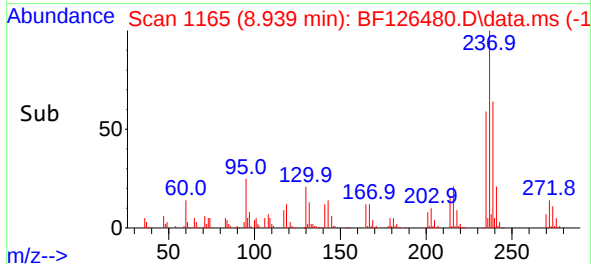
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



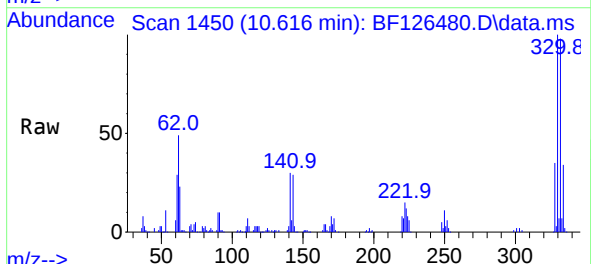
Tgt Ion:237 Resp: 280290
Ion Ratio Lower Upper
237 100
235 59.2 38.9 78.9
272 13.8 0.0 33.5

Manual Integrations
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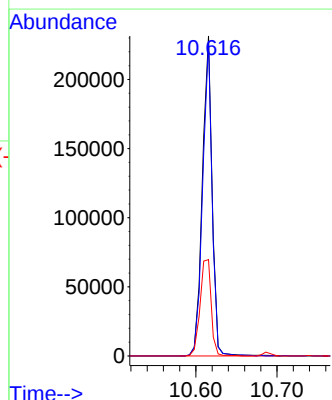
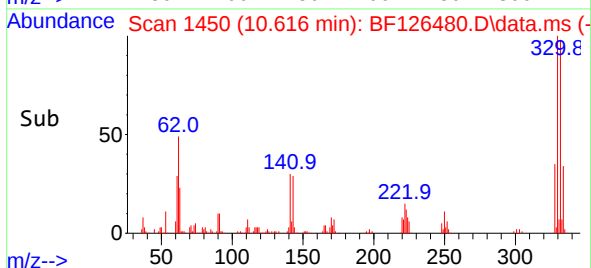
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

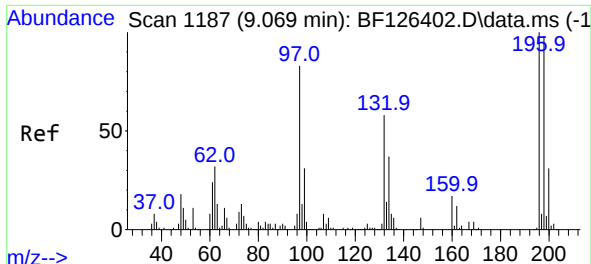


#42
2,4,6-Tribromophenol
Concen: 104.171 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



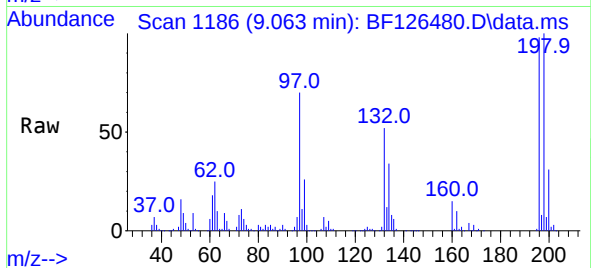
Tgt Ion:330 Resp: 193102
Ion Ratio Lower Upper
330 100
332 95.1 76.0 114.0
141 34.5 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 49.627 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

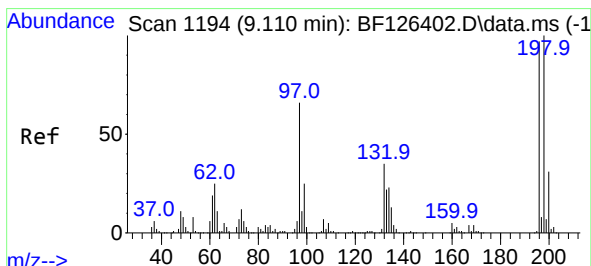
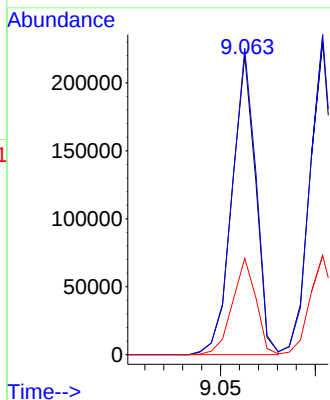
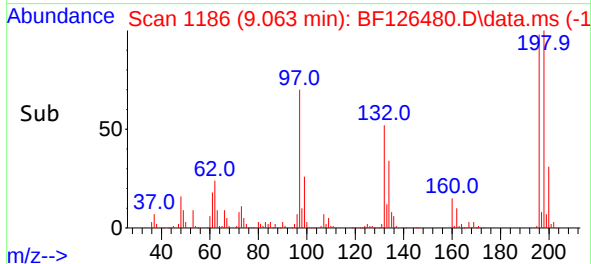
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



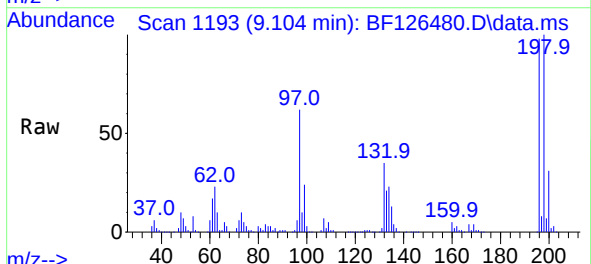
Tgt Ion:196 Resp: 19131
Ion Ratio Lower Upper
196 100
198 102.4 78.5 117.7
200 32.2 24.9 37.3

Manual Integrations
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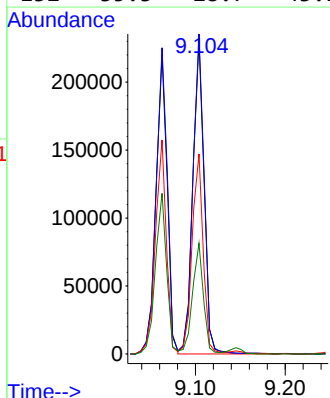
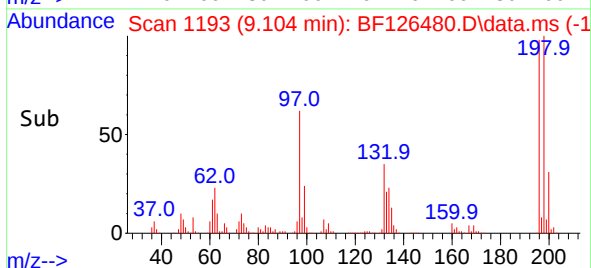
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

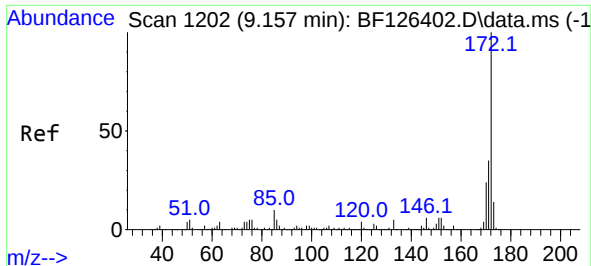


#44
2,4,5-Trichlorophenol
Concen: 48.779 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



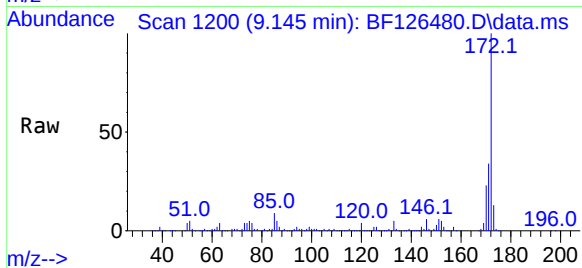
Tgt Ion:196 Resp: 202408
Ion Ratio Lower Upper
196 100
198 102.1 82.0 123.0
97 63.8 53.5 80.3
132 35.3 28.7 43.1





#45
2-Fluorobiphenyl
Concen: 69.411 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

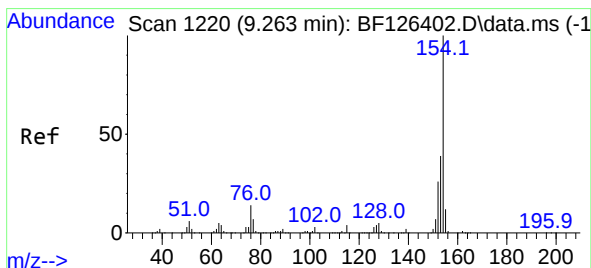
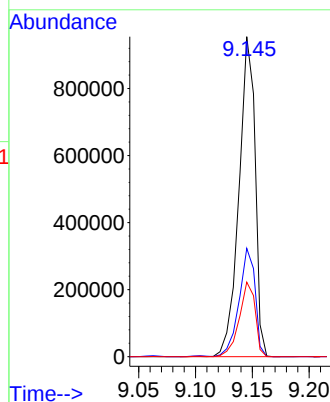
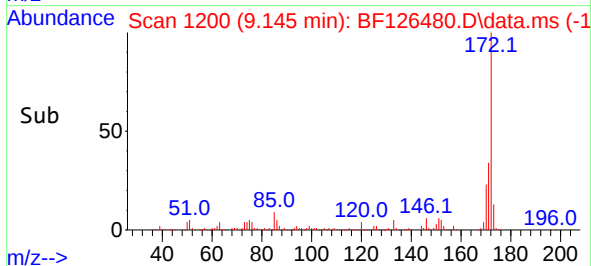
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



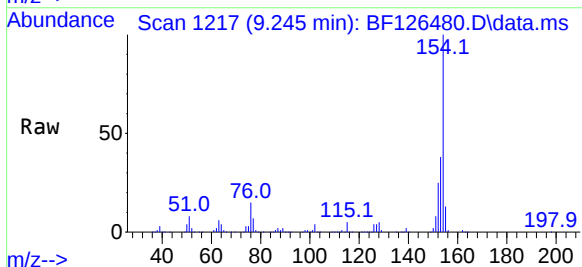
Tgt Ion:172 Resp: 946200
Ion Ratio Lower Upper
172 100
171 33.8 28.3 42.5
170 23.3 19.0 28.6

Manual Integrations
APPROVED

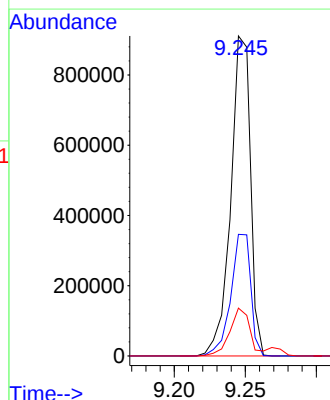
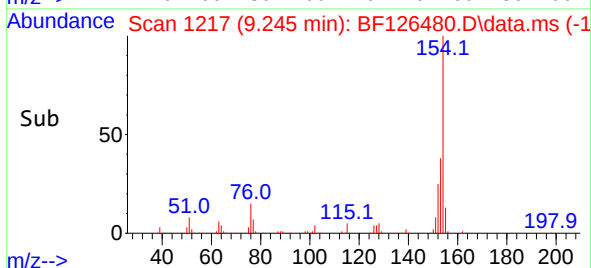
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

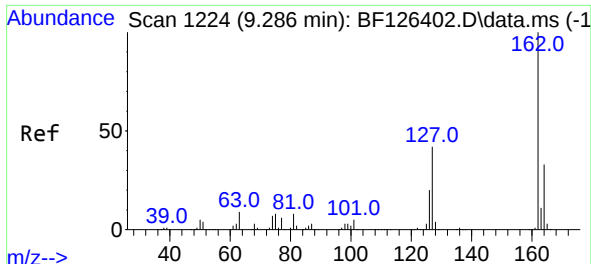


#46
1,1'-Biphenyl
Concen: 49.869 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



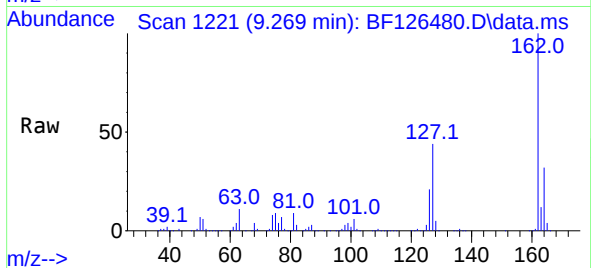
Tgt Ion:154 Resp: 877404
Ion Ratio Lower Upper
154 100
153 38.0 19.0 59.0
76 15.0 0.0 34.5





#47
2-Chloronaphthalene
Concen: 48.279 ng
RT: 9.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

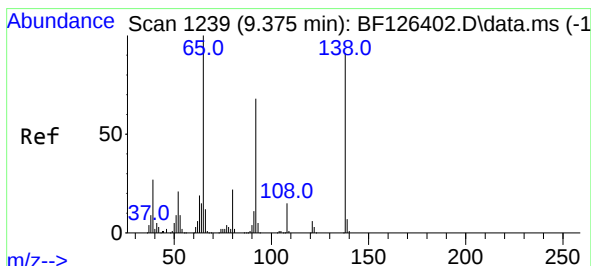
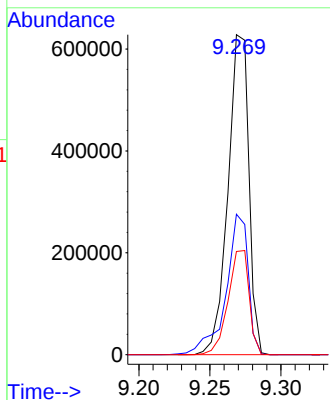
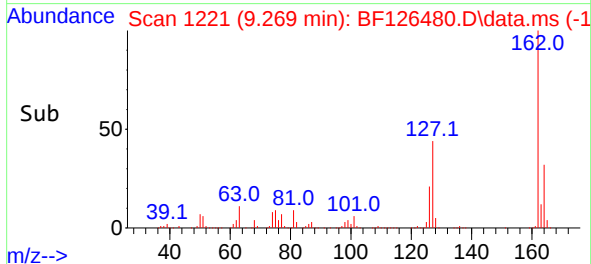
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



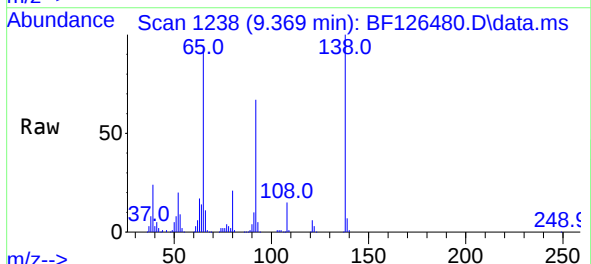
Tgt Ion:162 Resp: 643380
Ion Ratio Lower Upper
162 100
127 43.9 33.5 50.3
164 32.3 26.2 39.4

Manual Integrations
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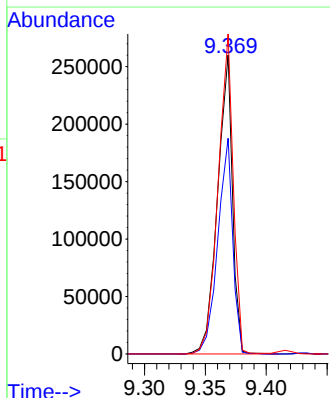
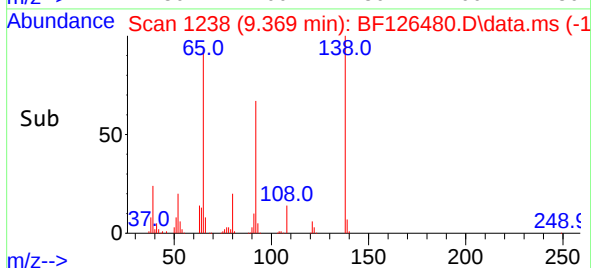
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

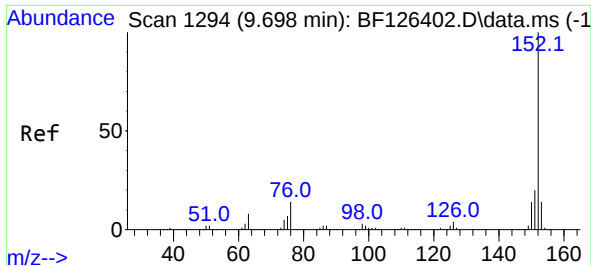


#48
2-Nitroaniline
Concen: 41.272 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



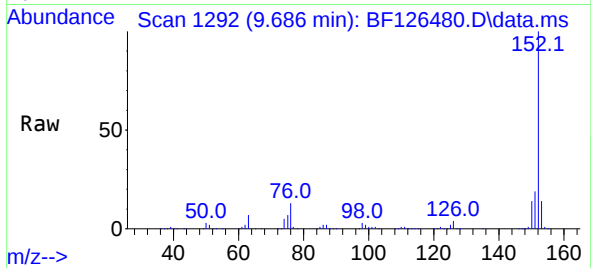
Tgt Ion: 65 Resp: 222097
Ion Ratio Lower Upper
65 100
92 72.1 54.4 81.6
138 107.0 72.5 108.7





#49
Acenaphthylene
Concen: 49.113 ng
RT: 9.686 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

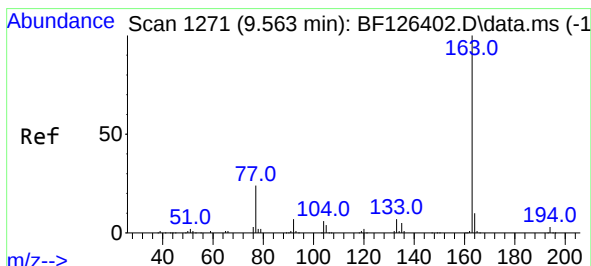
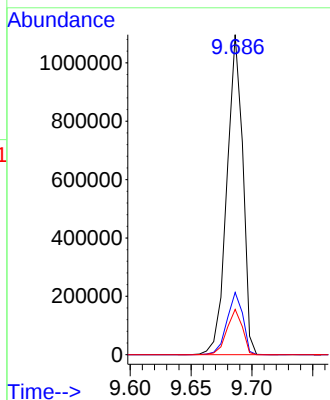
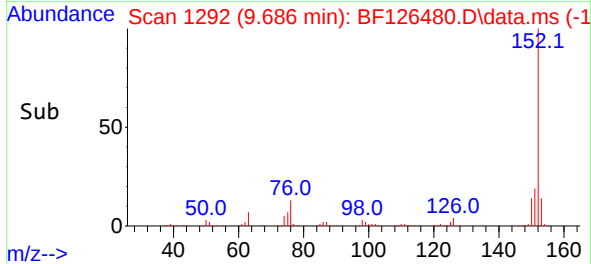
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



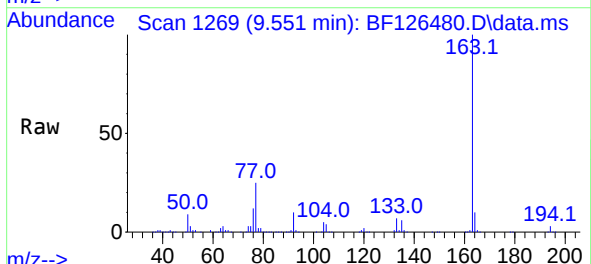
Tgt Ion:152 Resp: 992648
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 14.2 11.4 17.0

Manual Integrations
APPROVED

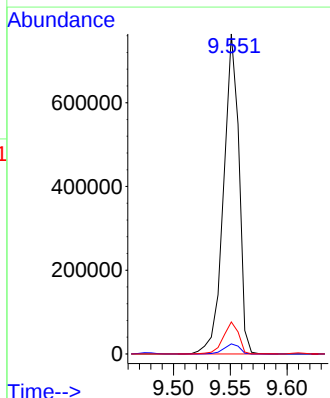
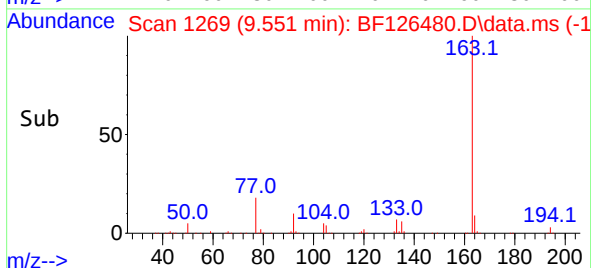
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

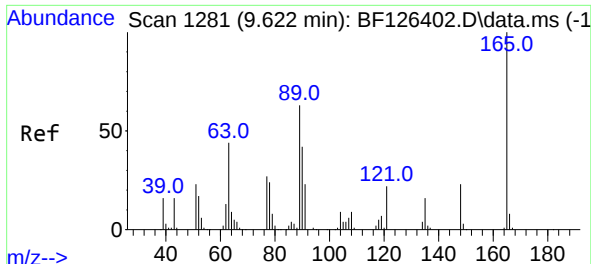


#50
Dimethylphthalate
Concen: 47.987 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



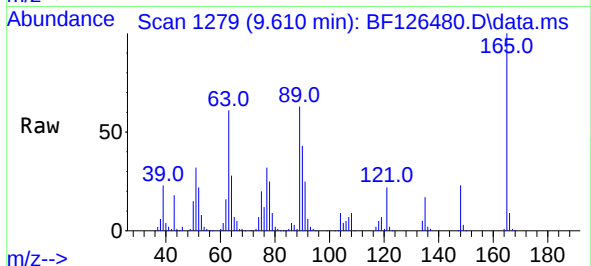
Tgt Ion:163 Resp: 718635
Ion Ratio Lower Upper
163 100
194 3.1 2.6 3.8
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 51.163 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

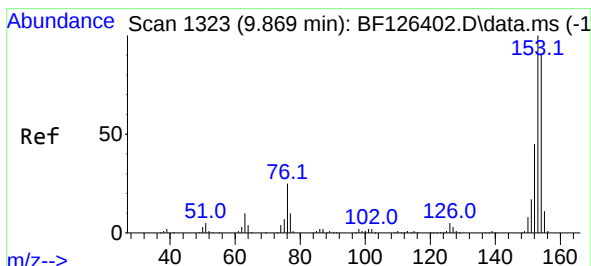
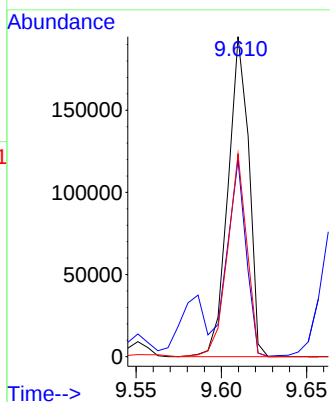
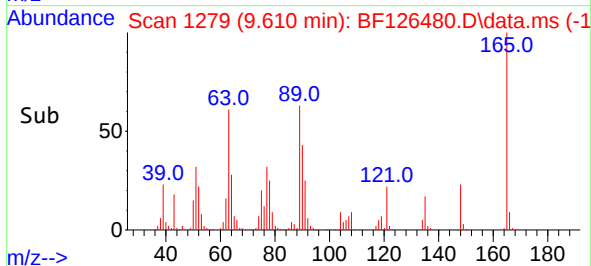
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



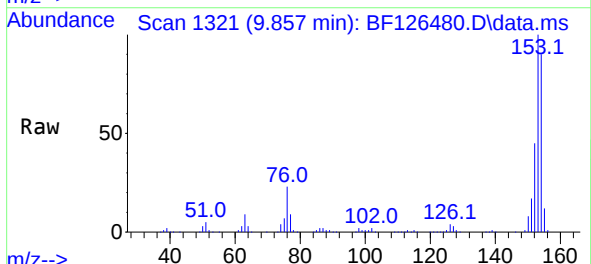
Tgt Ion:165 Resp: 165468
Ion Ratio Lower Upper
165 100
63 61.4 48.4 72.6
89 63.4 50.5 75.7

Manual Integrations
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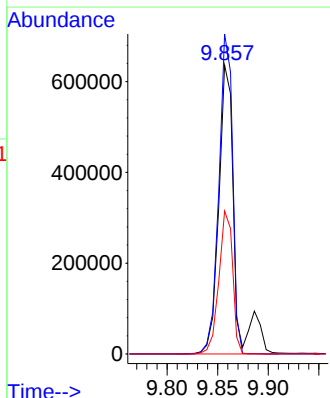
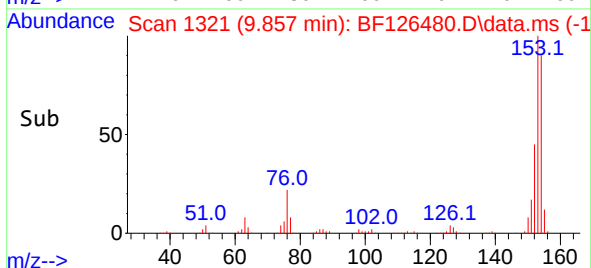
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

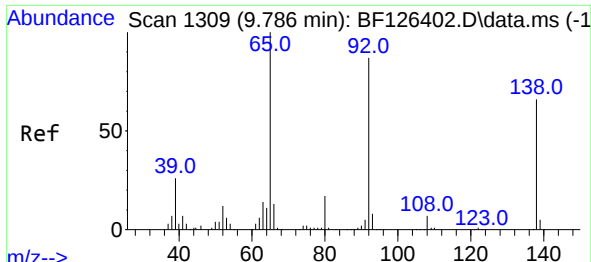


#52
Acenaphthene
Concen: 52.056 ng m
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



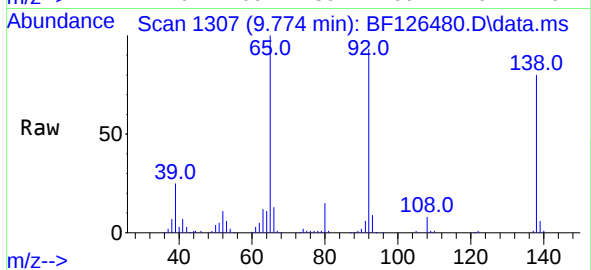
Tgt Ion:154 Resp: 689773
Ion Ratio Lower Upper
154 100
153 110.8 87.8 131.6
152 49.5 39.4 59.2





#53
3-Nitroaniline
Concen: 17.832 ng
RT: 9.774 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

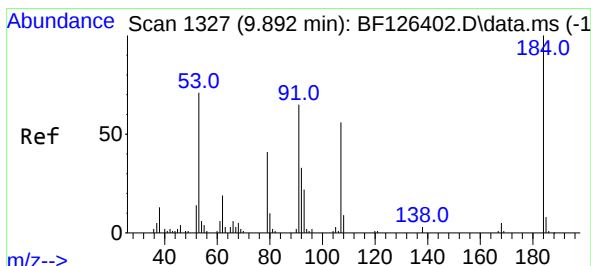
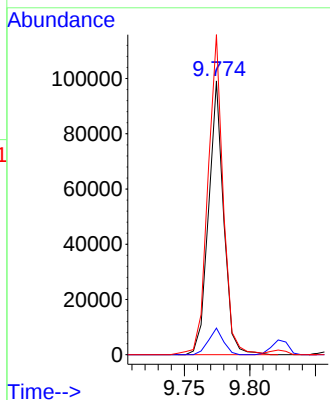
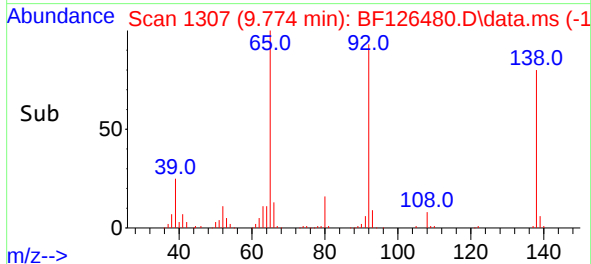
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



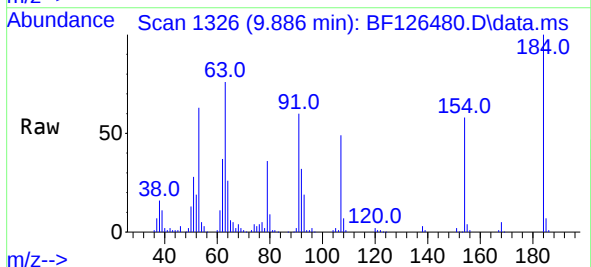
Tgt Ion:138 Resp: 7907
Ion Ratio Lower Upper
138 100
108 9.7 8.6 13.0
92 116.9 105.0 157.6

Manual Integrations
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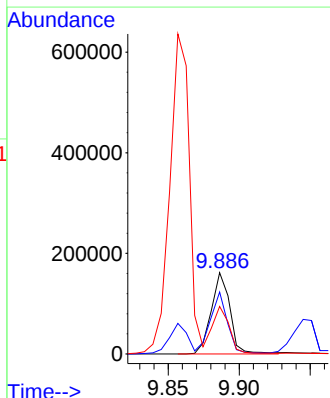
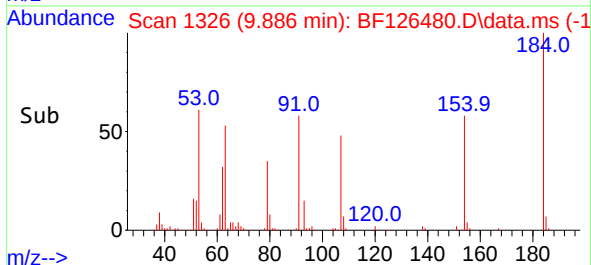
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

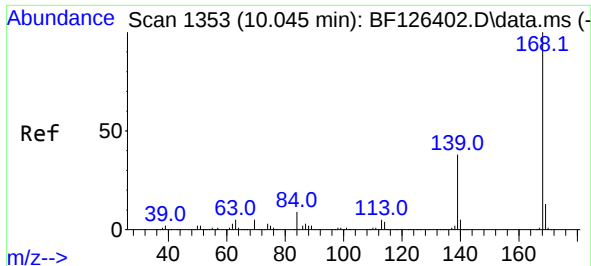


#54
2,4-Dinitrophenol
Concen: 88.971 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



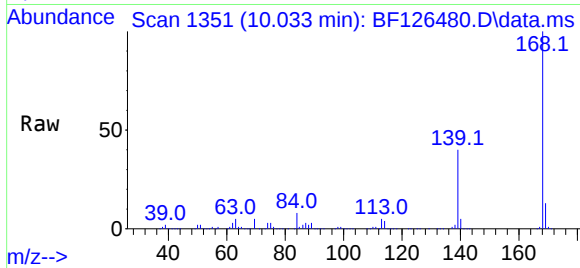
Tgt Ion:184 Resp: 148656
Ion Ratio Lower Upper
184 100
63 76.2 70.4 105.6
154 58.4 49.7 74.5





#55
Dibenzenofuran
Concen: 46.653 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

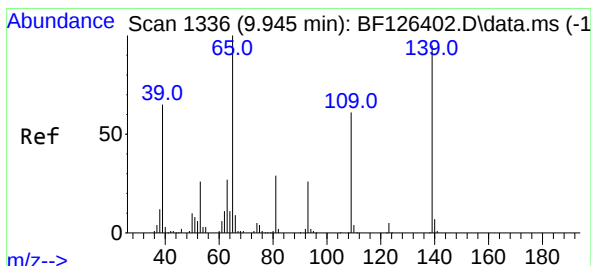
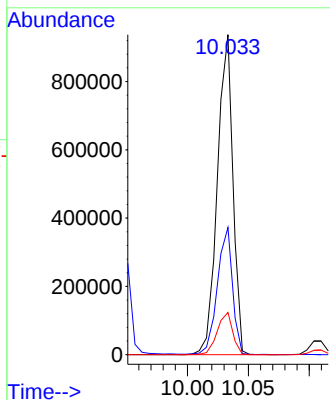
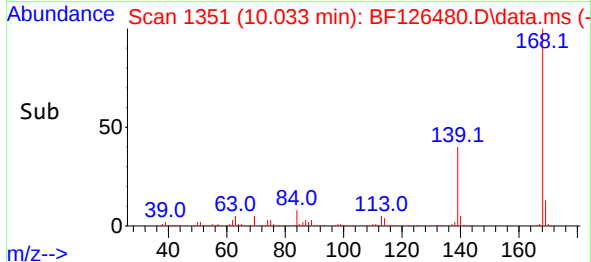
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



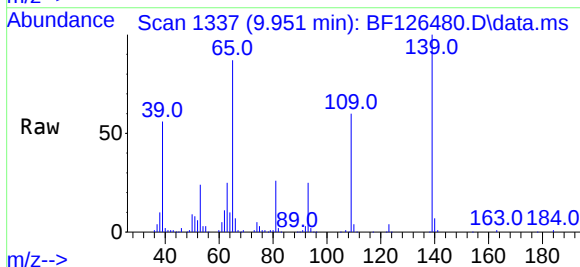
Tgt Ion:168 Resp: 835694
Ion Ratio Lower Upper
168 100
139 39.8 30.6 46.0
169 13.2 10.0 15.0

Manual Integrations
APPROVED

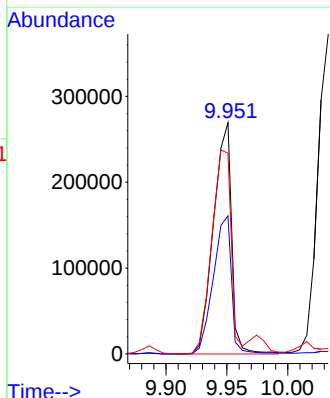
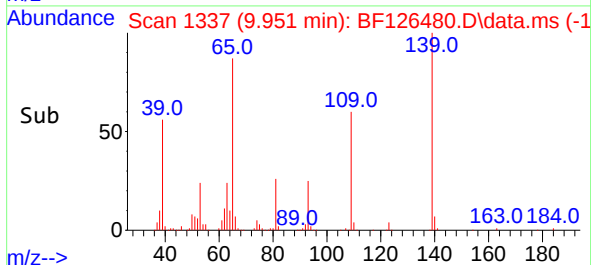
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

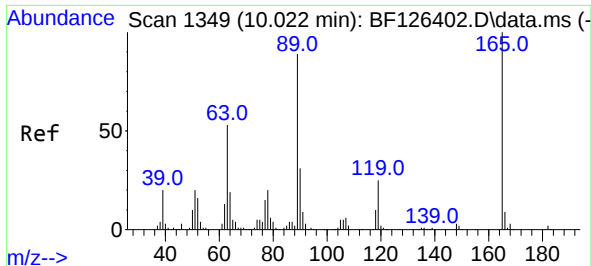


#56
4-Nitrophenol
Concen: 88.500 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



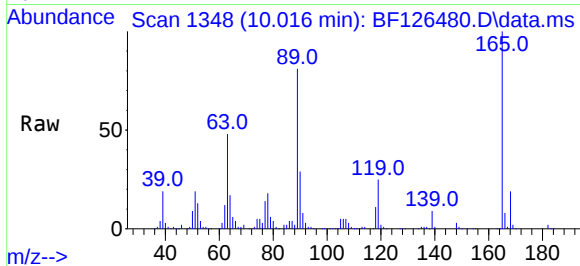
Tgt Ion:139 Resp: 279098
Ion Ratio Lower Upper
139 100
109 59.7 44.1 84.1
65 86.9 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 49.490 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

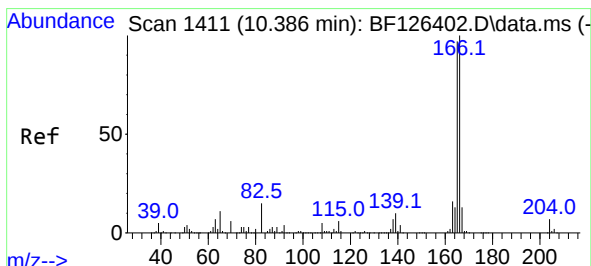
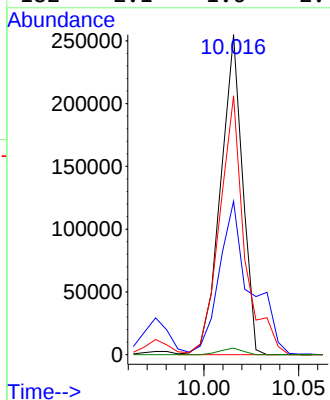
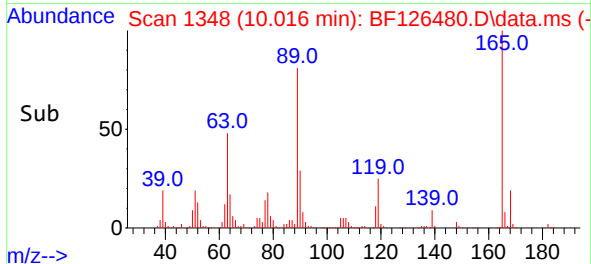
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



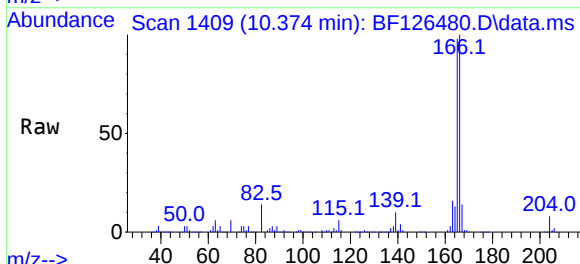
Tgt Ion:165 Resp: 206500
Ion Ratio Lower Upper
165 100
63 48.0 43.0 64.6
89 80.9 71.0 106.4
182 2.1 1.6 2.4

Manual Integrations
APPROVED

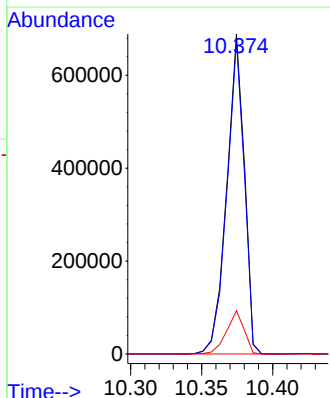
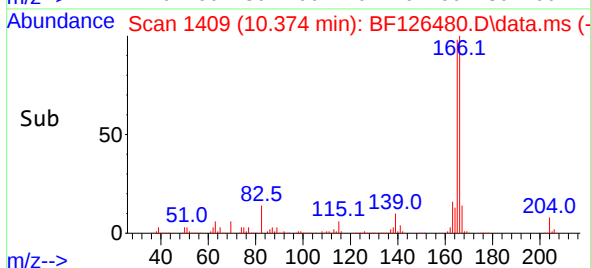
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

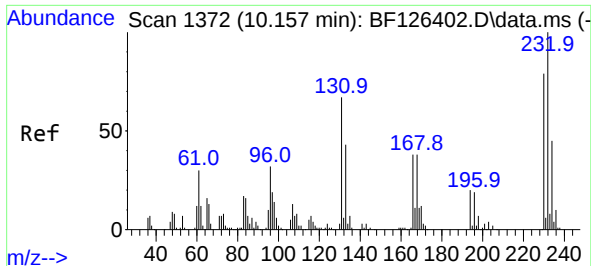


#58
Fluorene
Concen: 46.960 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



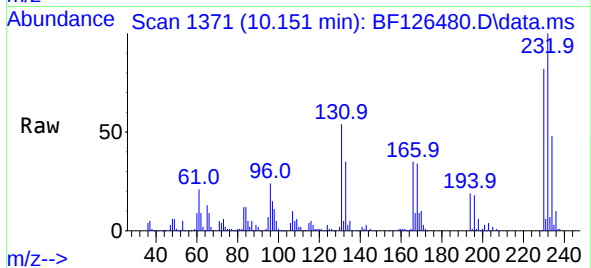
Tgt Ion:166 Resp: 594760
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.130 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

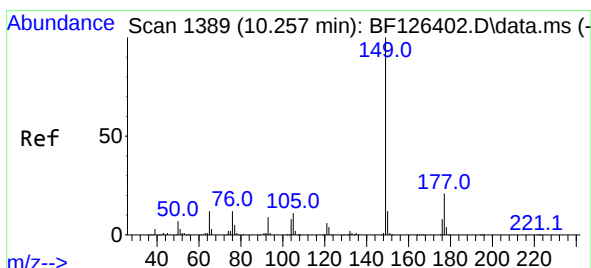
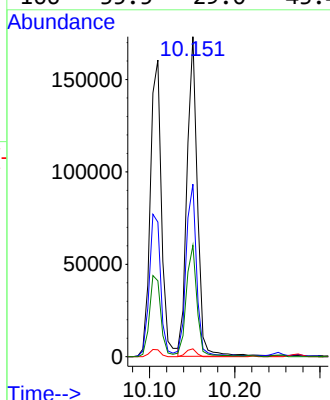
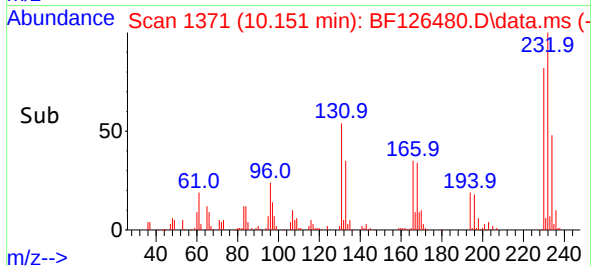
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



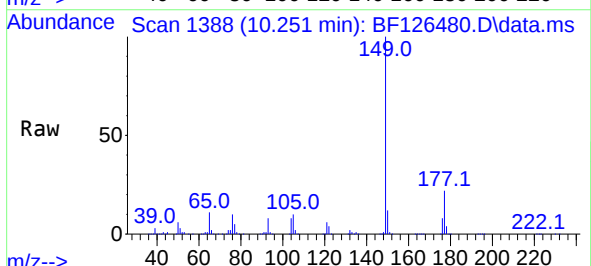
Tgt Ion:232 Resp: 146324
Ion Ratio Lower Upper
232 100
131 54.3 50.0 75.0
130 2.4 2.2 3.2
166 35.5 29.0 43.4

Manual Integrations
APPROVED

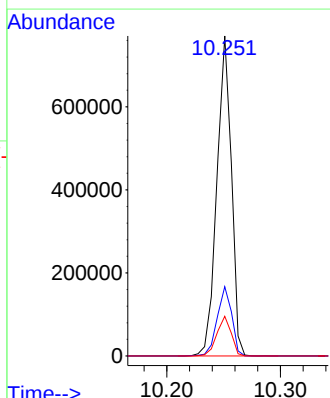
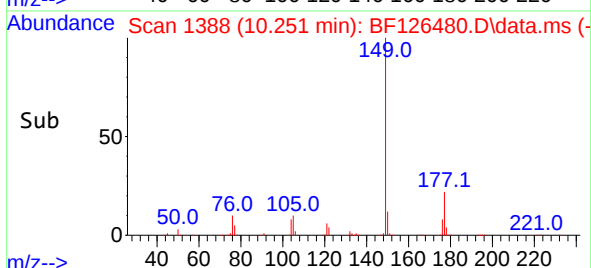
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

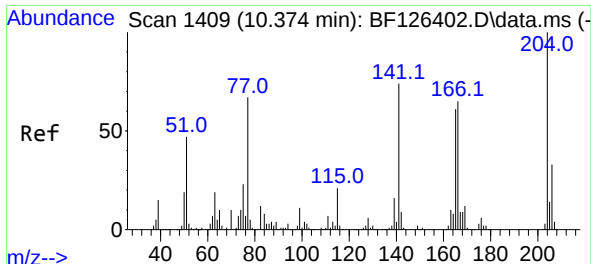


#60
Diethylphthalate
Concen: 47.477 ng
RT: 10.251 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



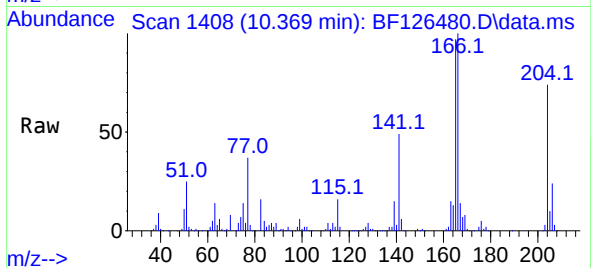
Tgt Ion:149 Resp: 685227
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 46.589 ng
RT: 10.369 min Scan# 1409
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

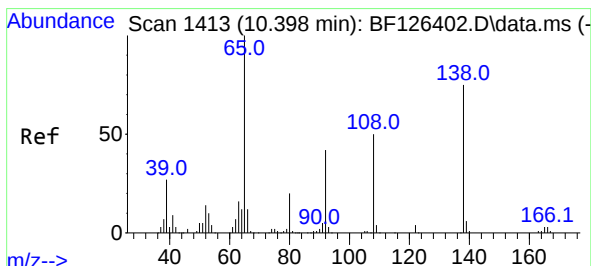
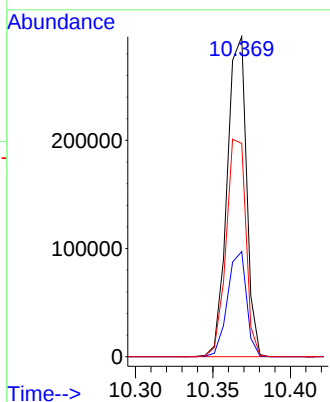
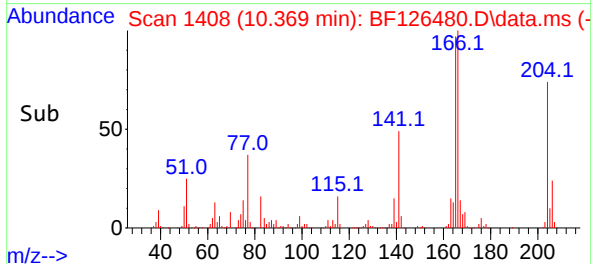
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



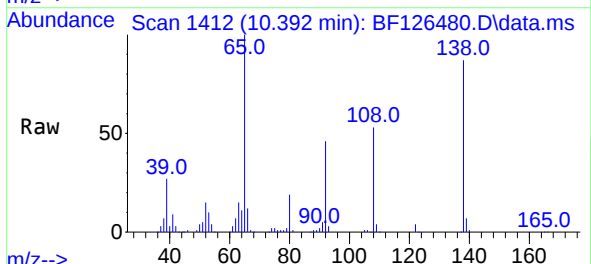
Tgt Ion:204 Resp: 257490
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 66.7 59.0 88.6

Manual Integrations
APPROVED

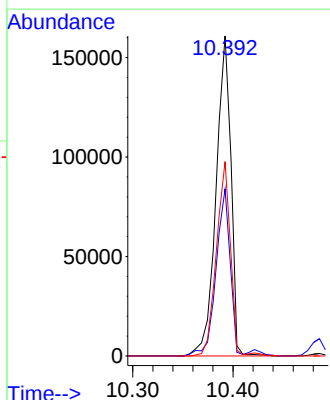
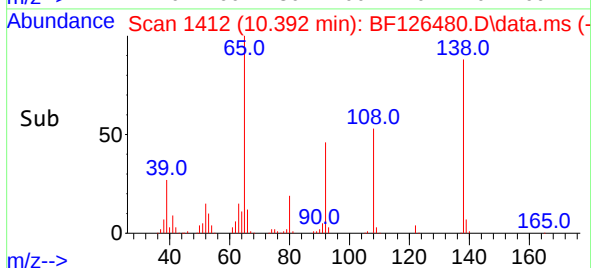
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

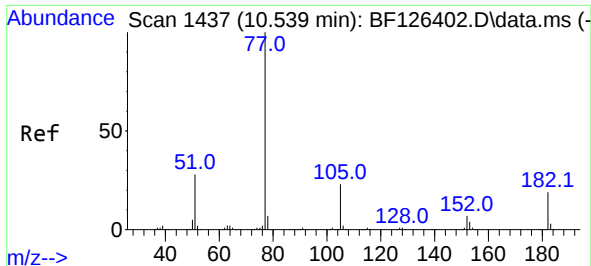


#62
4-Nitroaniline
Concen: 39.631 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



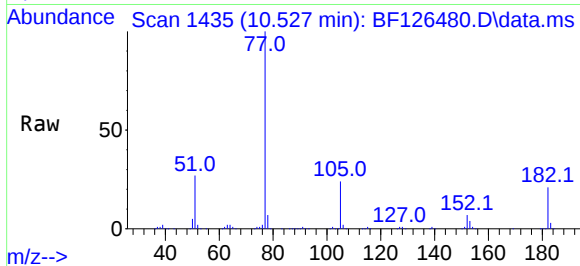
Tgt Ion:138 Resp: 165512
Ion Ratio Lower Upper
138 100
92 52.2 36.2 76.2
108 60.7 46.7 86.7





#63
Azobenzene
Concen: 44.046 ng
RT: 10.527 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

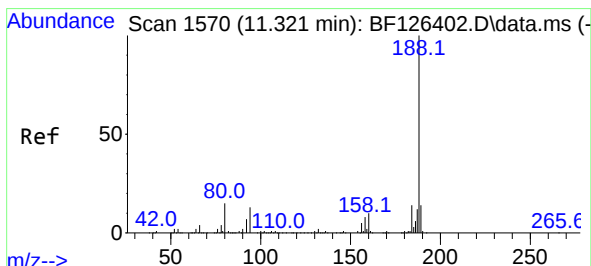
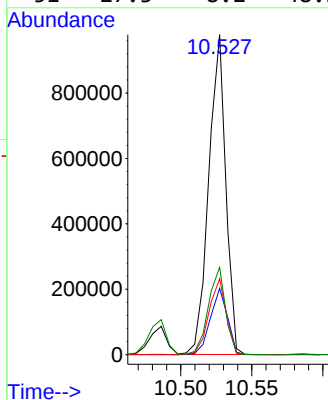
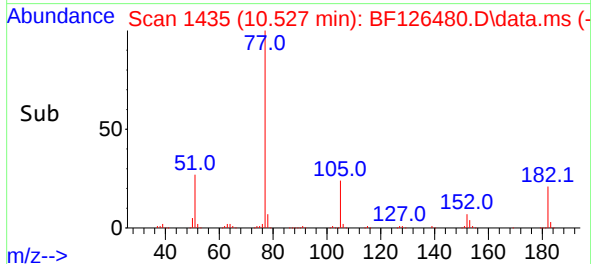
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



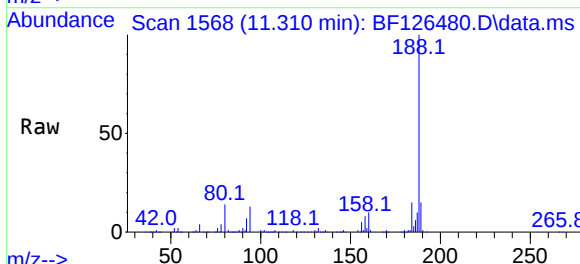
Tgt Ion: 77 Resp: 81882
Ion Ratio Lower Upper
77 100
182 20.8 0.0 39.0
105 23.7 3.2 43.2
51 27.3 8.2 48.2

Manual Integrations
APPROVED

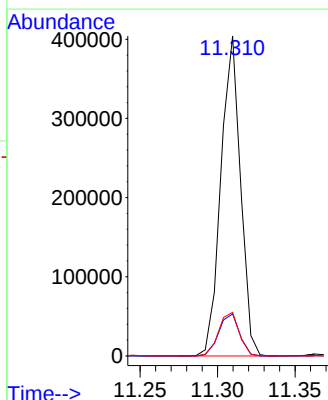
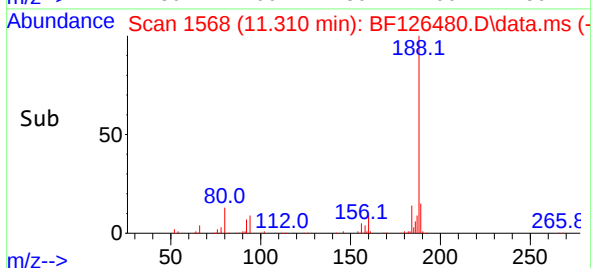
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

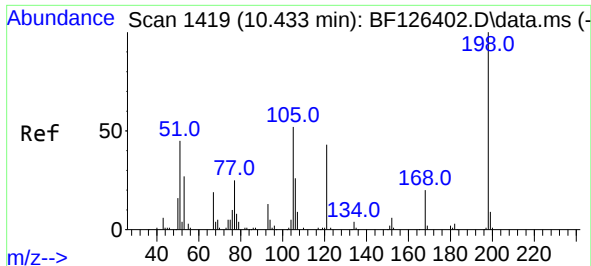


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



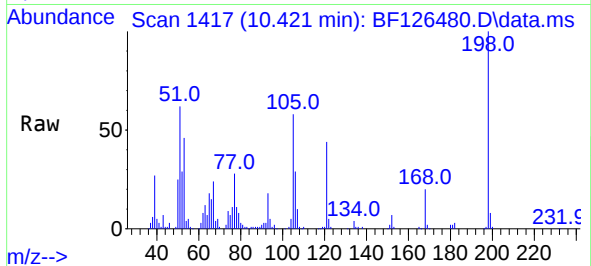
Tgt Ion:188 Resp: 355313
Ion Ratio Lower Upper
188 100
94 13.1 10.1 15.1
80 13.7 11.8 17.6





#65
4,6-Dinitro-2-methylphenol
Concen: 52.640 ng
RT: 10.421 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

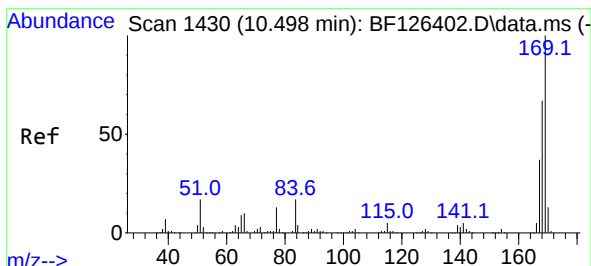
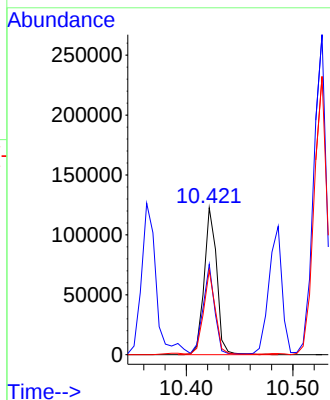
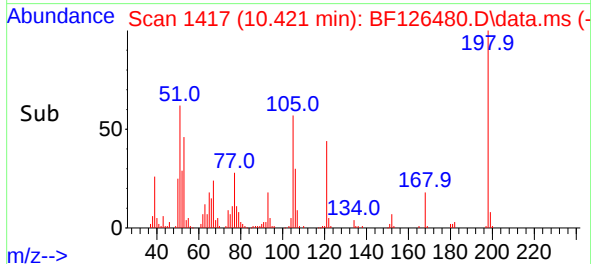
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



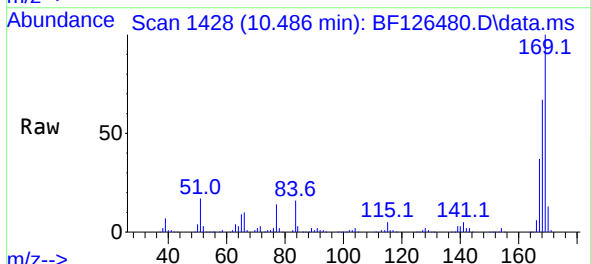
Tgt Ion:198 Resp: 101280
Ion Ratio Lower Upper
198 100
51 61.5 32.0 72.0
105 57.5 32.7 72.7

Manual Integrations
APPROVED

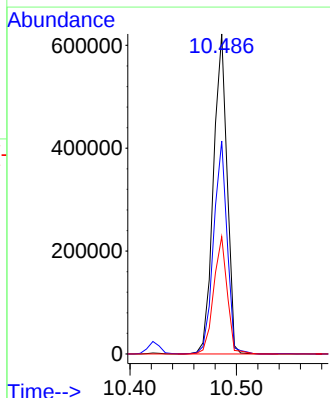
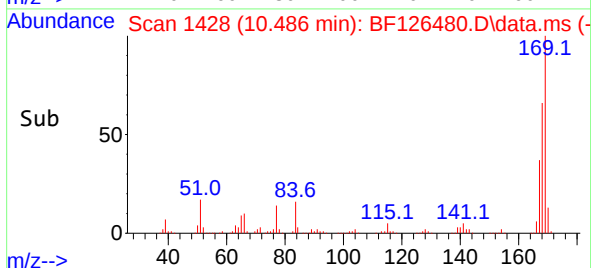
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

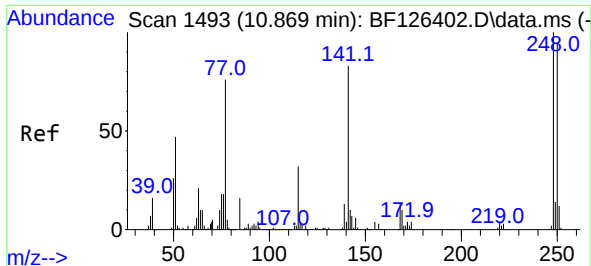


#66
n-Nitrosodiphenylamine
Concen: 49.919 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



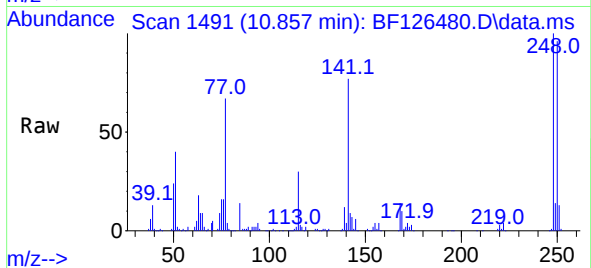
Tgt Ion:169 Resp: 550289
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.0
167 36.6 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 52.915 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

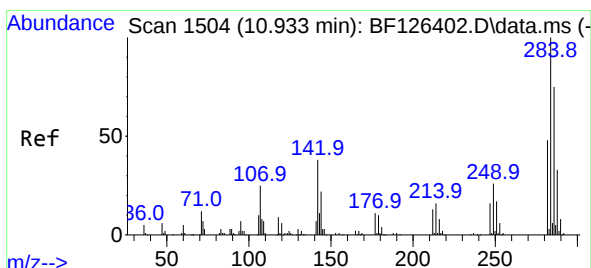
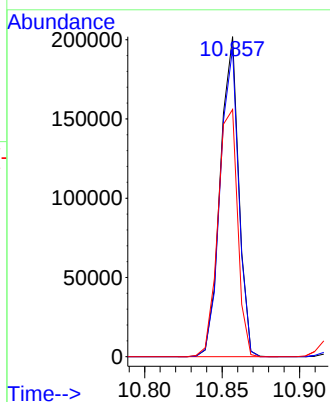
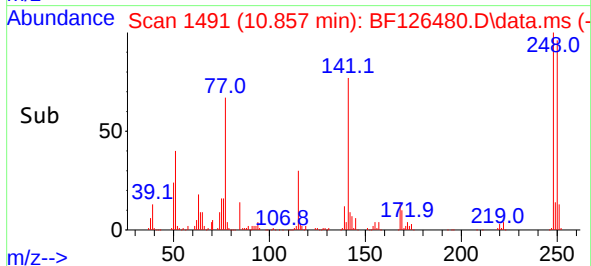
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



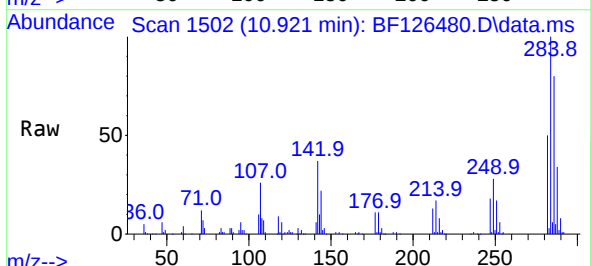
Tgt Ion:248 Resp: 166880
Ion Ratio Lower Upper
248 100
250 96.3 76.2 114.4
141 77.3 66.2 99.4

Manual Integrations
APPROVED

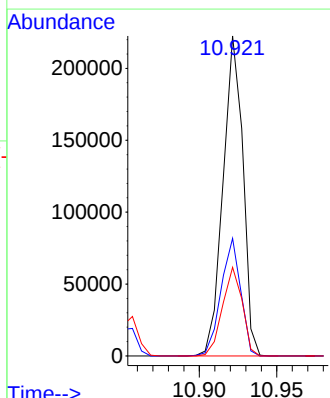
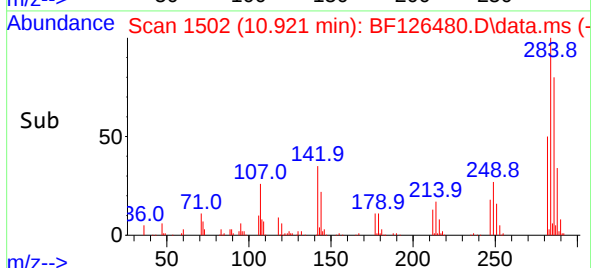
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

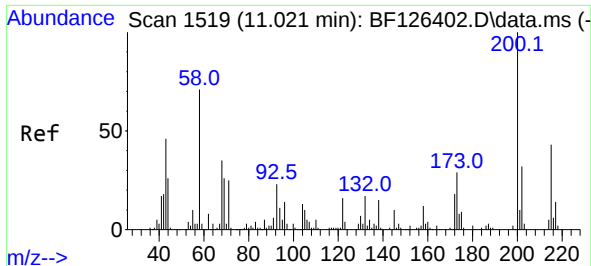


#68
Hexachlorobenzene
Concen: 54.035 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



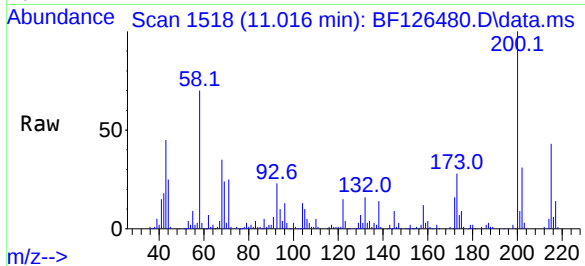
Tgt Ion:284 Resp: 198222
Ion Ratio Lower Upper
284 100
142 36.7 30.7 46.1
249 27.7 21.1 31.7





#69
Atrazine
Concen: 85.759 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

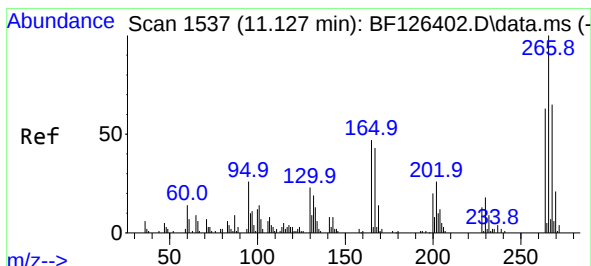
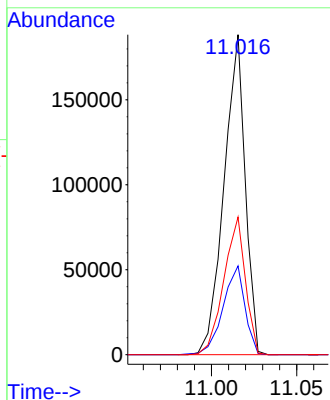
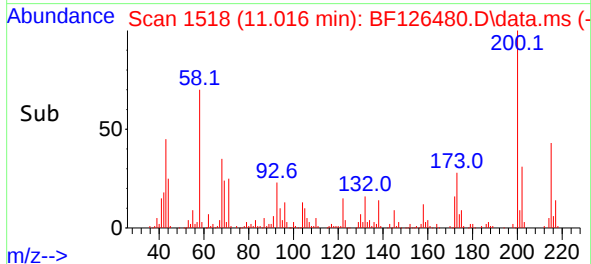
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



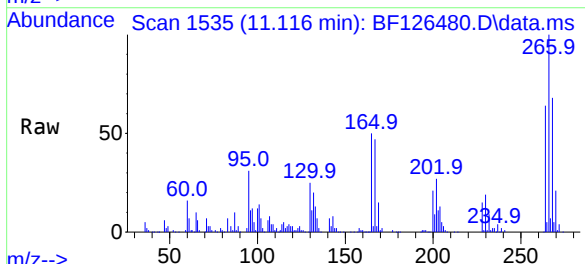
Tgt Ion:200 Resp: 162788
Ion Ratio Lower Upper
200 100
173 27.7 9.2 49.2
215 43.0 23.2 63.2

Manual Integrations
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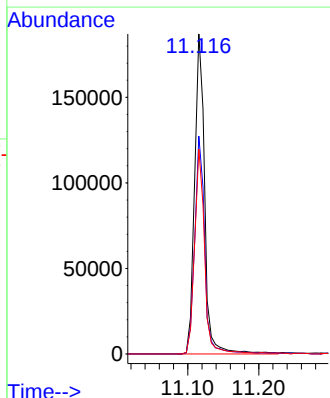
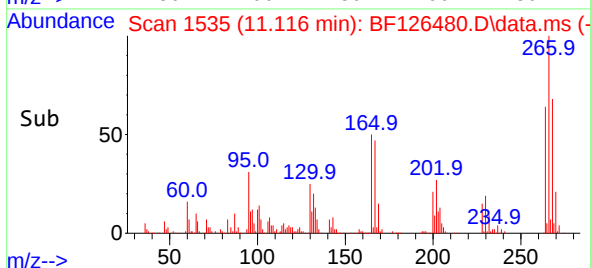
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

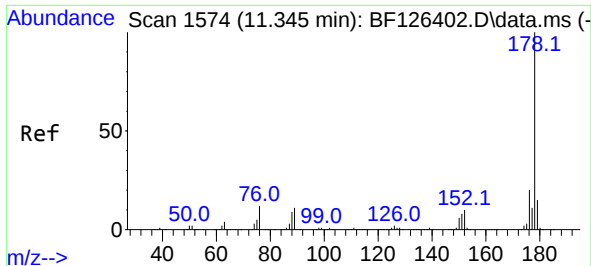


#70
Pentachlorophenol
Concen: 103.776 ng
RT: 11.116 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



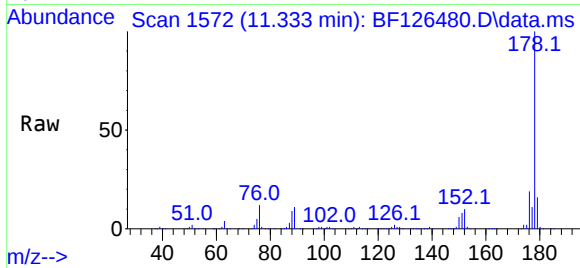
Tgt Ion:266 Resp: 185030
Ion Ratio Lower Upper
266 100
268 68.0 52.3 78.5
264 64.0 50.4 75.6





#71
Phenanthrene
Concen: 49.383 ng
RT: 11.333 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

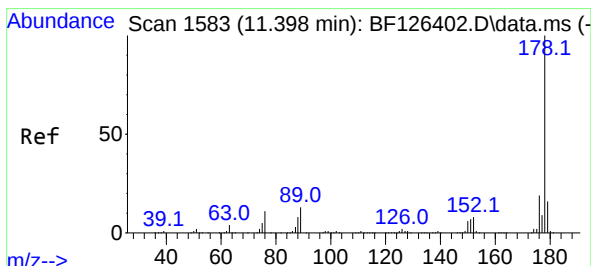
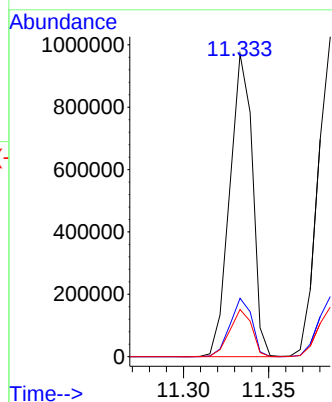
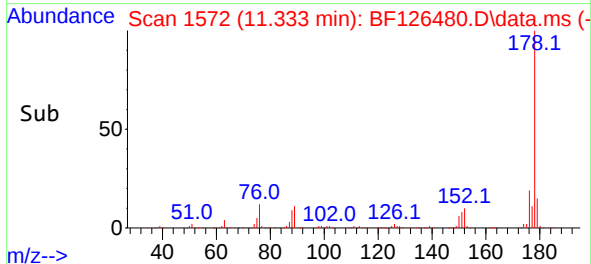
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



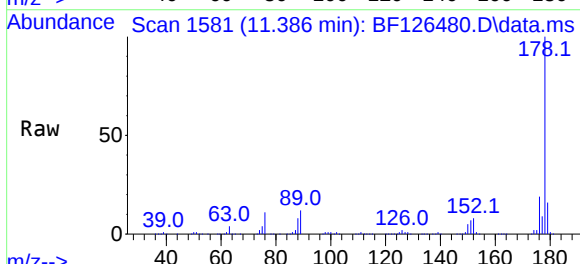
Tgt Ion:178 Resp: 897055
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.6 12.3 18.5

Manual Integrations
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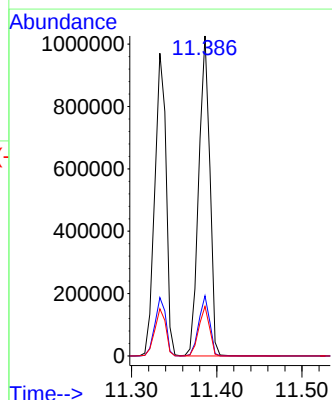
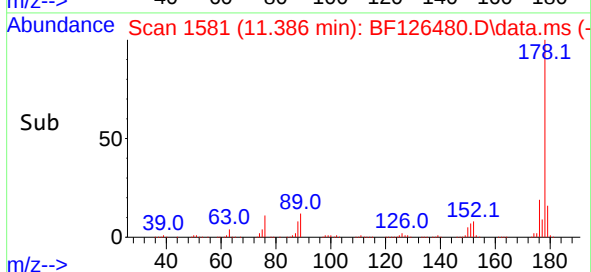
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

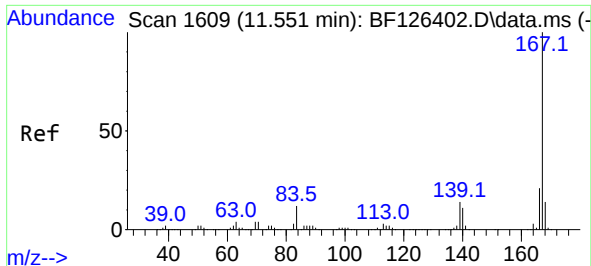


#72
Anthracene
Concen: 50.870 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



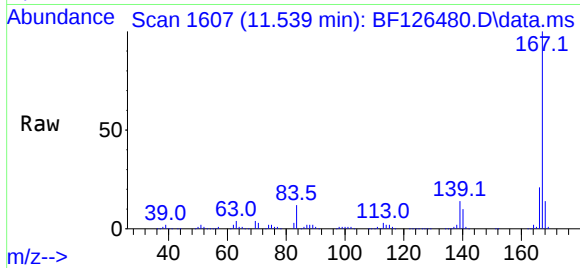
Tgt Ion:178 Resp: 924625
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 15.5 12.5 18.7





#73
Carbazole
Concen: 45.623 ng
RT: 11.539 min Scan# 1607
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

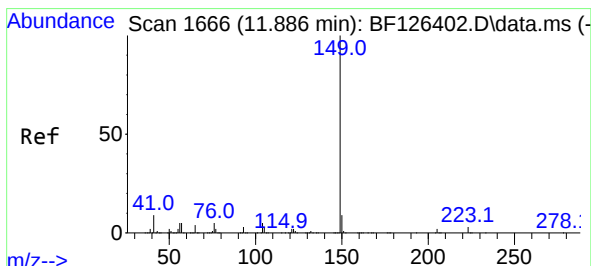
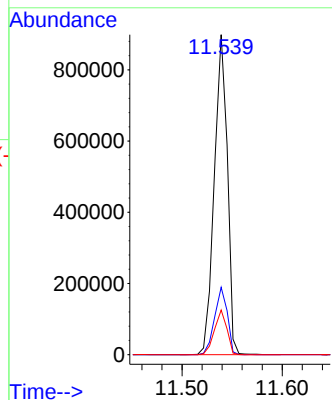
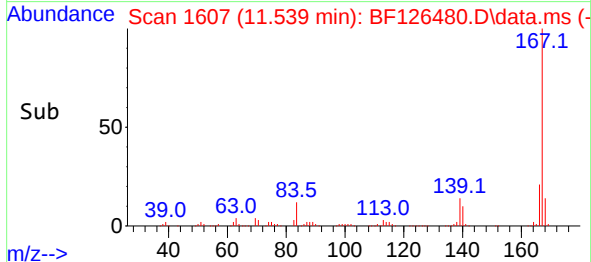
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



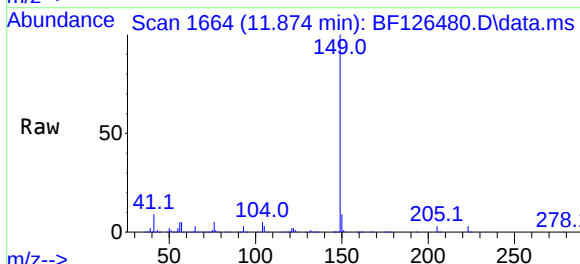
Tgt Ion:167 Resp: 812024
Ion Ratio Lower Upper
167 100
166 21.0 16.9 25.3
139 14.0 11.3 16.9

Manual Integrations
APPROVED

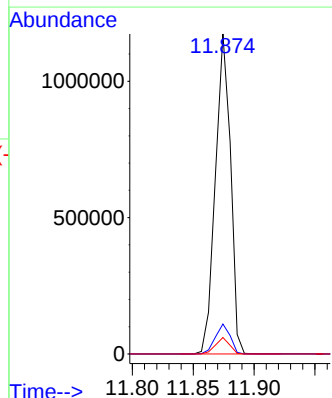
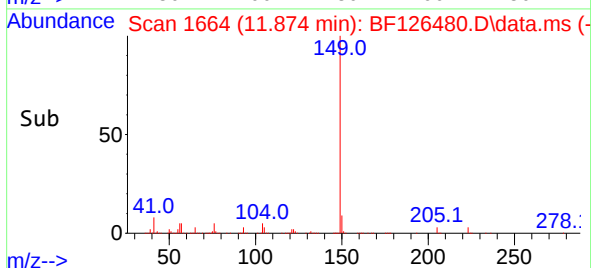
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

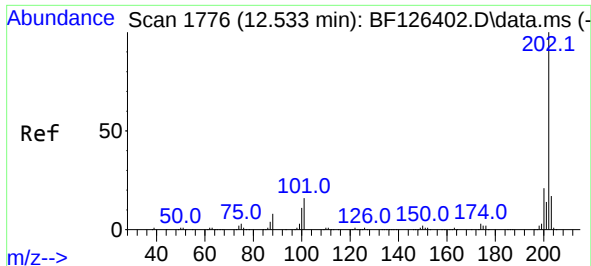


#74
Di-n-butylphthalate
Concen: 49.975 ng
RT: 11.874 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



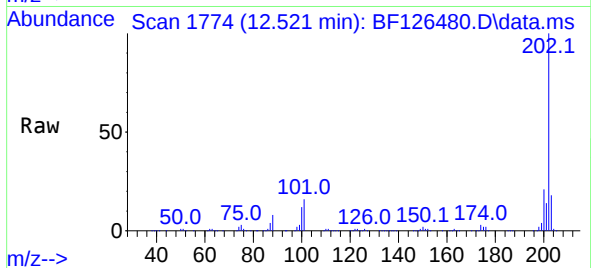
Tgt Ion:149 Resp: 1012682
Ion Ratio Lower Upper
149 100
150 9.4 7.2 10.8
104 5.2 4.2 6.2





#75
Fluoranthene
Concen: 48.576 ng
RT: 12.521 min Scan# 1774
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

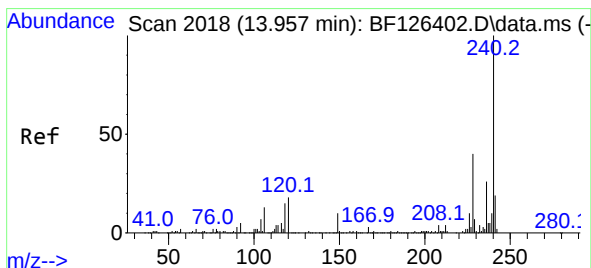
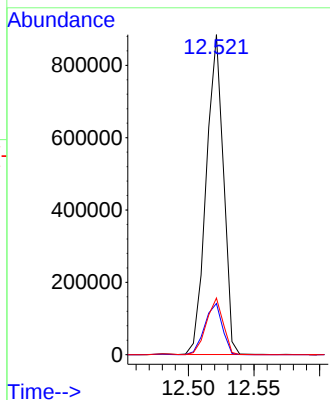
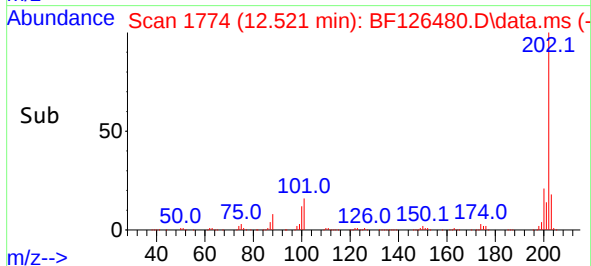
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



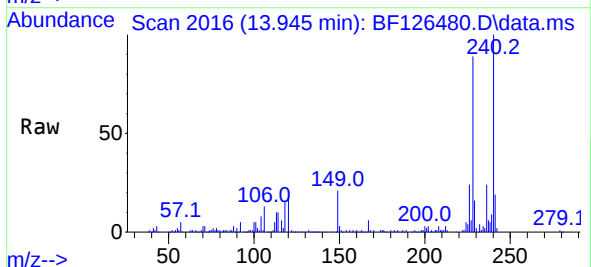
Tgt Ion:202 Resp: 80536
Ion Ratio Lower Upper
202 100
101 16.0 0.0 35.7
203 17.7 0.0 37.1

Manual Integrations
APPROVED

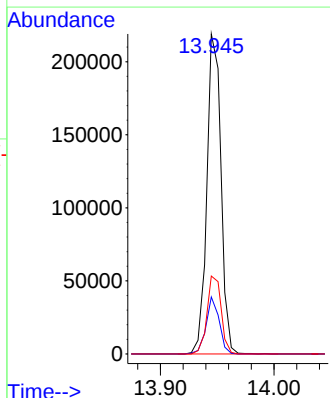
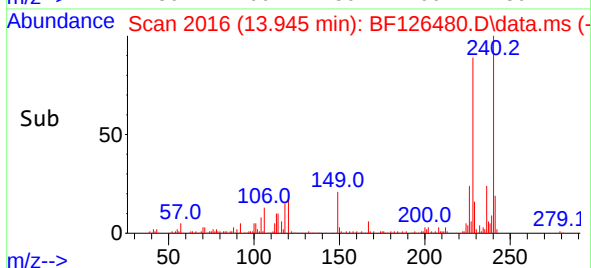
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

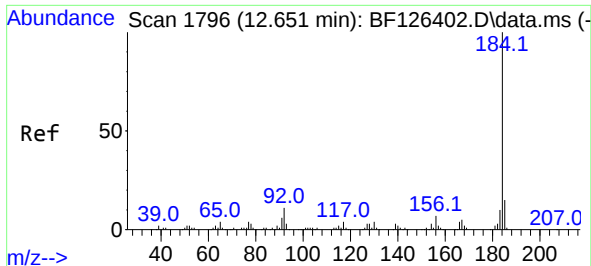


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



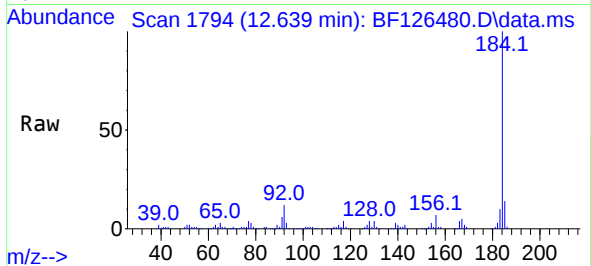
Tgt Ion:240 Resp: 188430
Ion Ratio Lower Upper
240 100
120 17.8 14.4 21.6
236 24.4 20.5 30.7





#77
Benzidine
Concen: 75.397 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

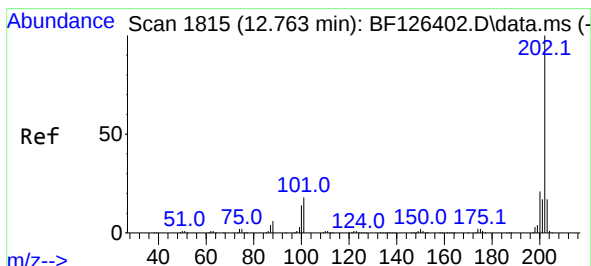
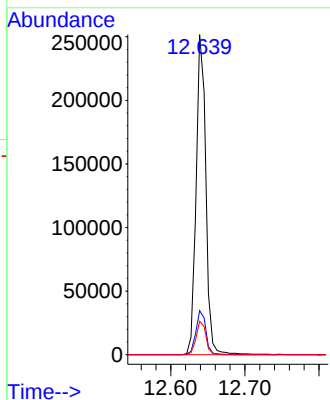
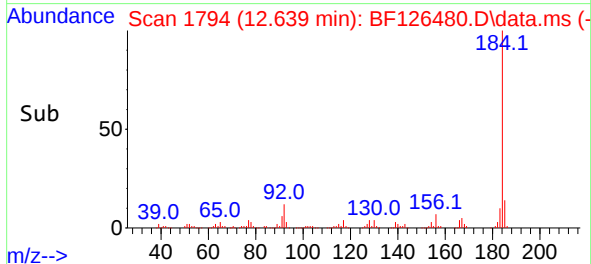
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



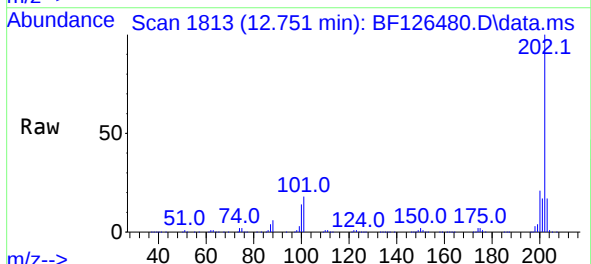
Tgt Ion:184 Resp: 22824
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.8
183 10.5 8.2 12.2

Manual Integrations
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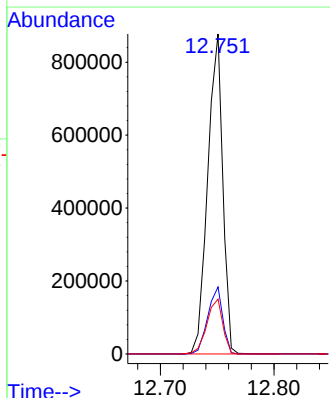
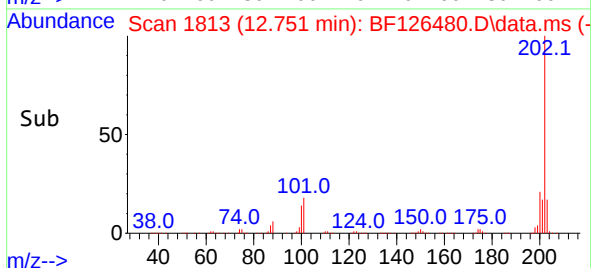
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

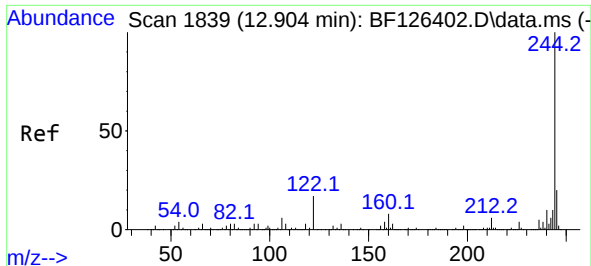


#78
Pyrene
Concen: 50.574 ng
RT: 12.751 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



Tgt Ion:202 Resp: 805346
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 17.2 13.8 20.8





#79
Terphenyl-d14
Concen: 72.475 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Instrument :

BNA_F

ClientSampleId :

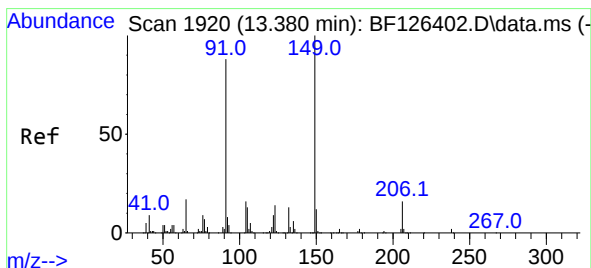
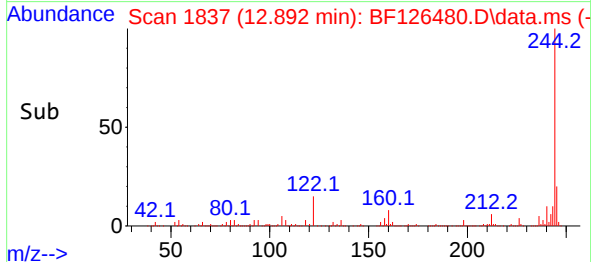
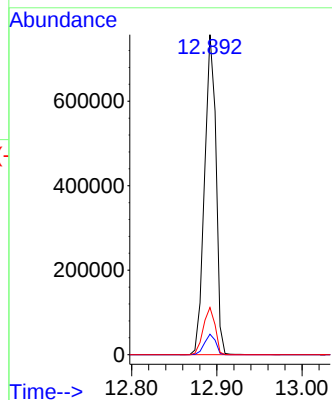
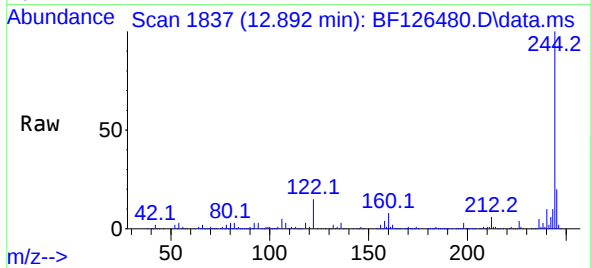
SB-11-(10-15)MSD

Tgt Ion:244 Resp: 702878
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 14.7 13.3 19.9

Manual Integrations

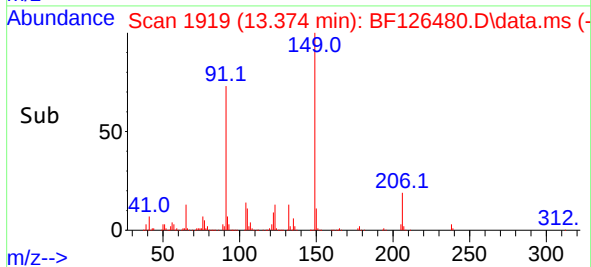
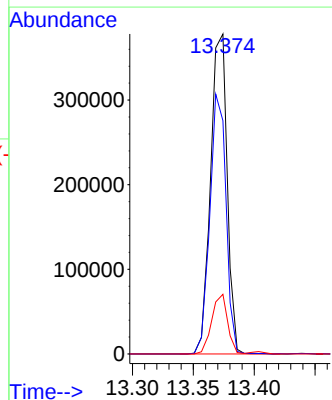
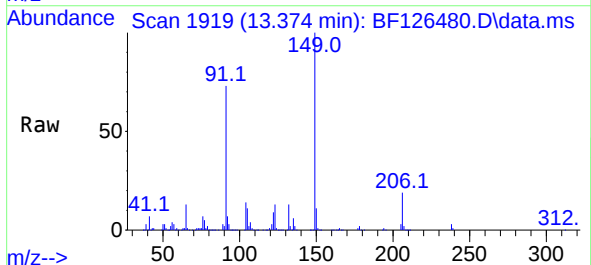
APPROVED

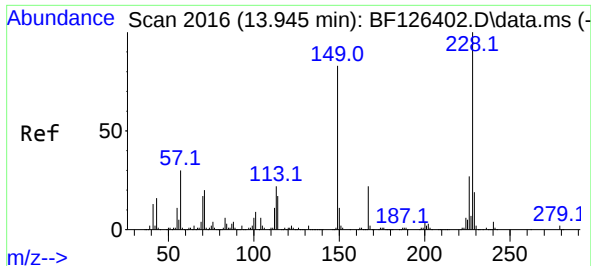
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#80
Butylbenzylphthalate
Concen: 50.872 ng
RT: 13.374 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

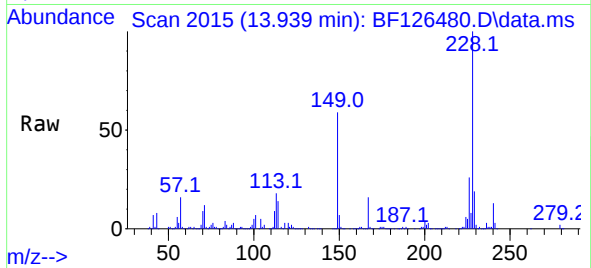
Tgt Ion:149 Resp: 358969
Ion Ratio Lower Upper
149 100
91 72.9 70.5 105.7
206 18.6 12.6 19.0





#81
Benzo(a)anthracene
Concen: 47.297 ng
RT: 13.939 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

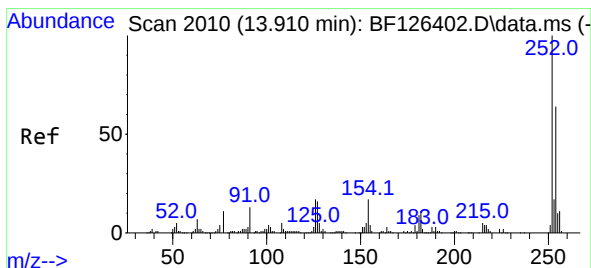
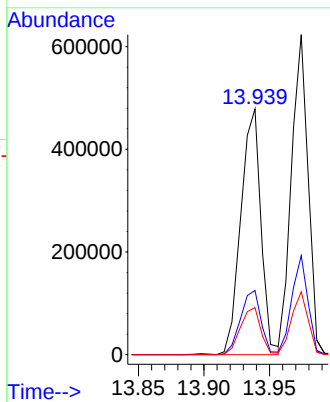
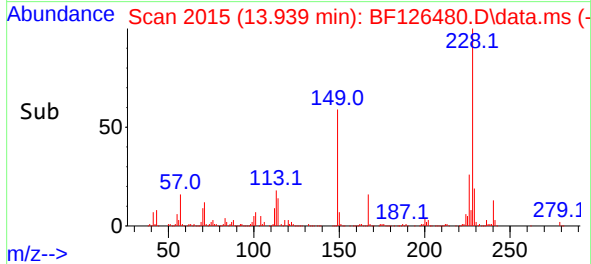
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



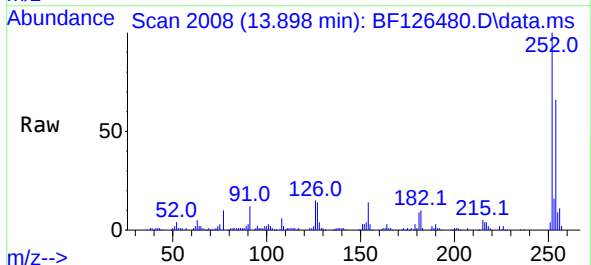
Tgt Ion:228 Resp: 51253
Ion Ratio Lower Upper
228 100
226 26.1 21.4 32.0
229 19.1 15.4 23.2

Manual Integrations
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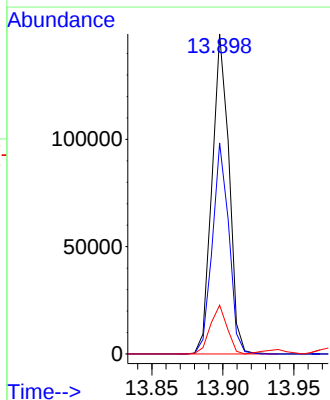
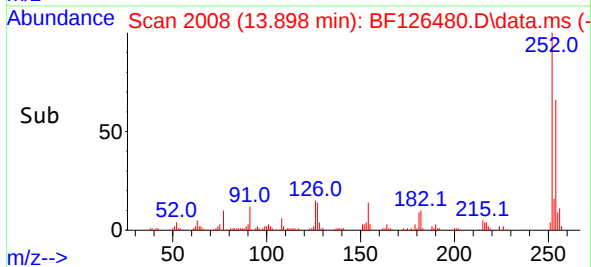
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

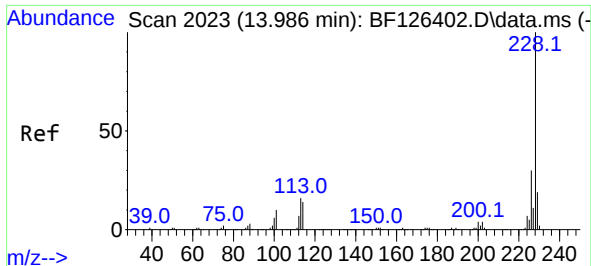


#82
3,3'-Dichlorobenzidine
Concen: 24.402 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



Tgt Ion:252 Resp: 123366
Ion Ratio Lower Upper
252 100
254 65.9 51.0 76.4
126 15.3 13.4 20.0





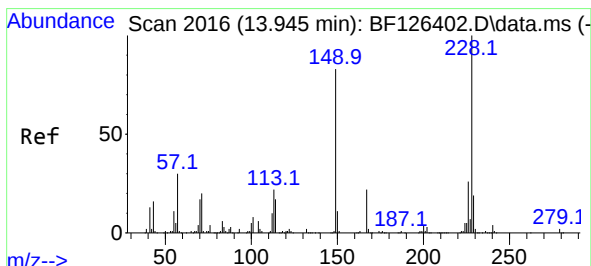
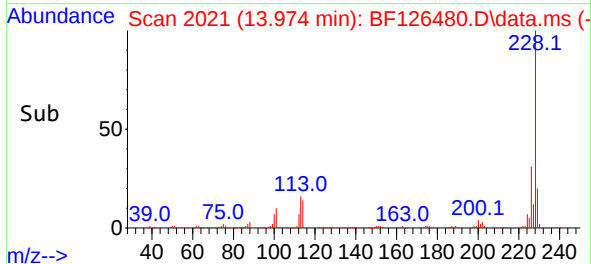
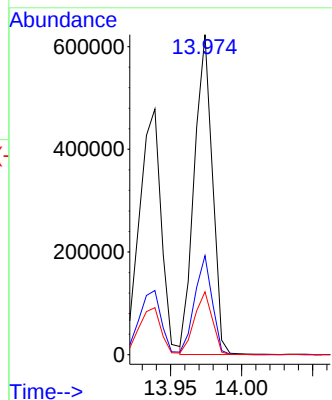
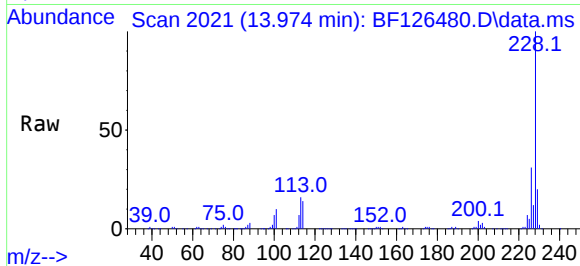
#83
Chrysene
Concen: 49.584 ng
RT: 13.974 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD

Tgt Ion:228 Resp: 55114
Ion Ratio Lower Upper
228 100
226 31.0 23.7 35.5
229 19.6 15.5 23.3

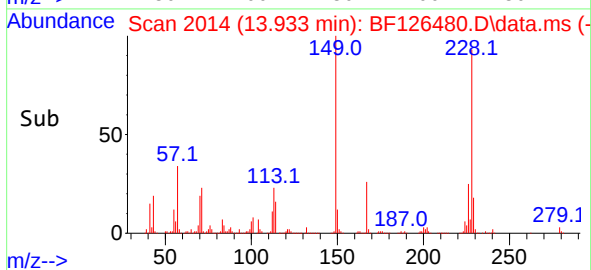
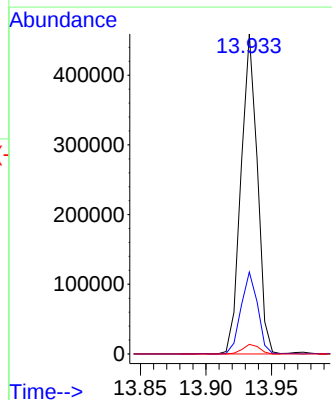
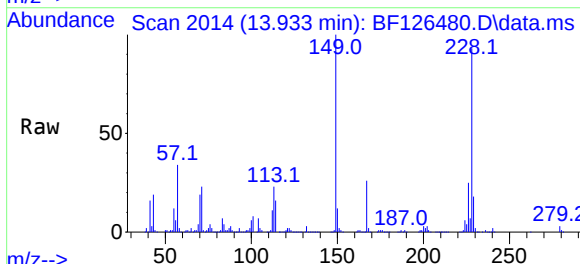
Manual Integrations
APPROVED

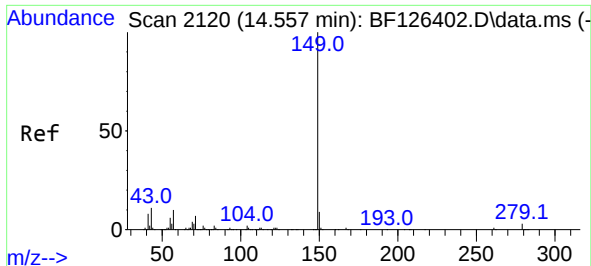
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.720 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

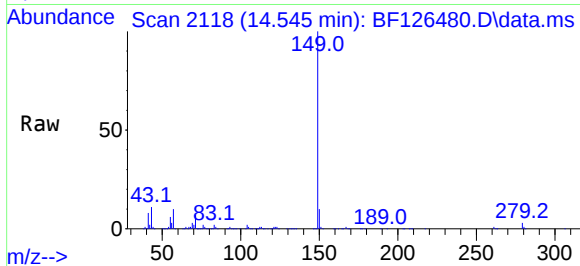
Tgt Ion:149 Resp: 400154
Ion Ratio Lower Upper
149 100
167 25.6 21.4 32.2
279 3.0 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 58.839 ng
RT: 14.545 min Scan# 2118
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

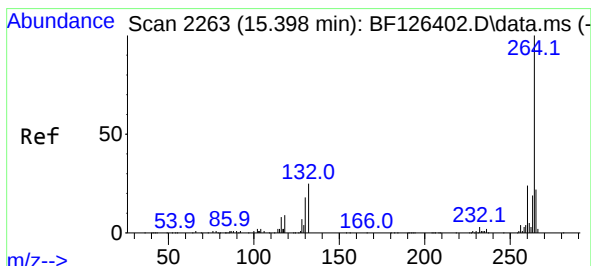
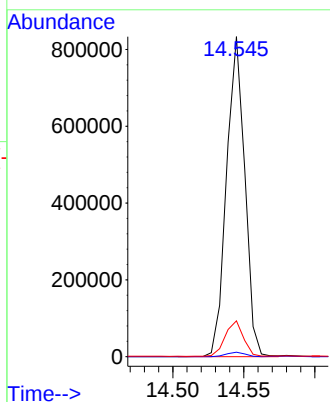
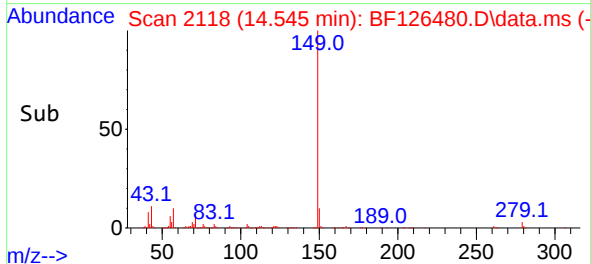
Instrument :
BNA_F
ClientSampleId :
SB-11-(10-15)MSD



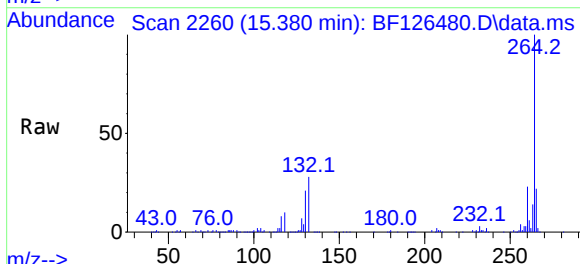
Tgt Ion:149 Resp: 746212
Ion Ratio Lower Upper
149 100
167 1.4 1.1 1.7
43 11.1 9.9 14.9

Manual Integrations
APPROVED

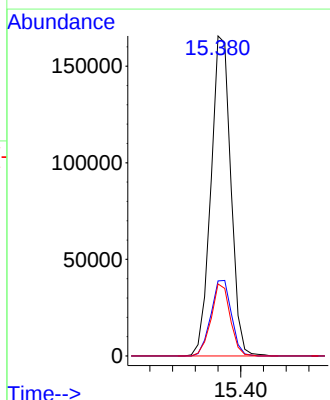
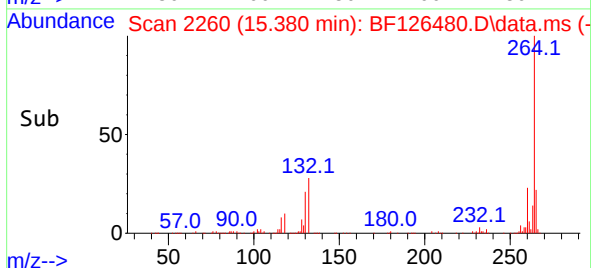
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

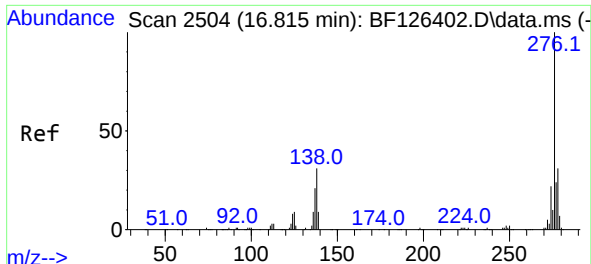


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



Tgt Ion:264 Resp: 200905
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 22.5 17.4 26.2





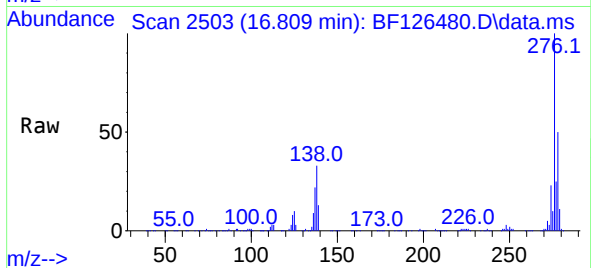
#87
Indeno(1,2,3-cd)pyrene
Concen: 57.856 ng
RT: 16.809 min Scan# 211
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Instrument :

BNA_F

ClientSampleId :

SB-11-(10-15)MSD

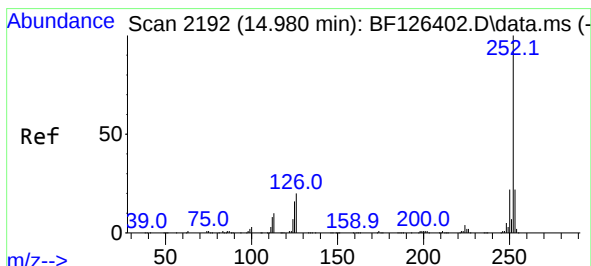
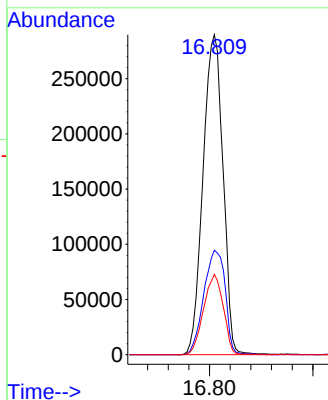
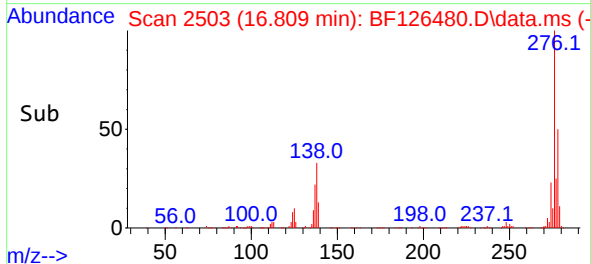


Tgt Ion:276 Resp: 777899
Ion Ratio Lower Upper
276 100
138 35.0 29.2 43.8
277 24.8 19.8 29.8

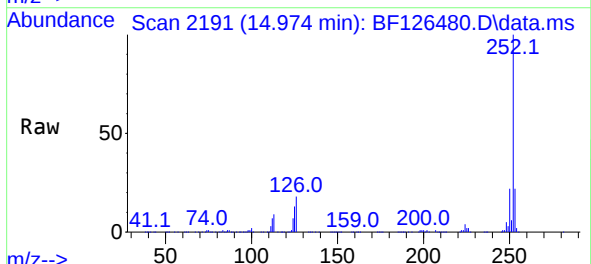
Manual Integrations

APPROVED

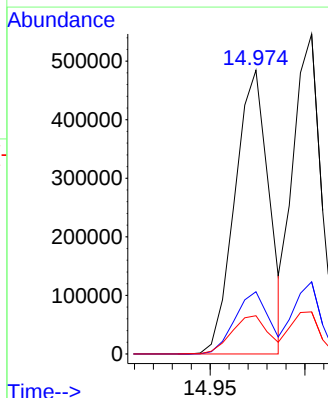
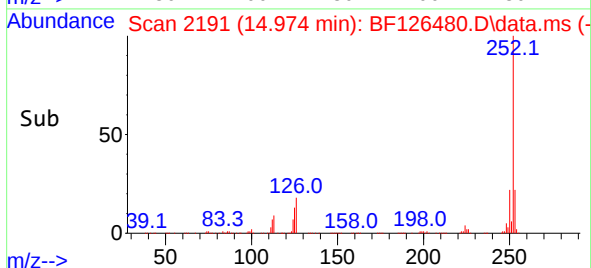
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

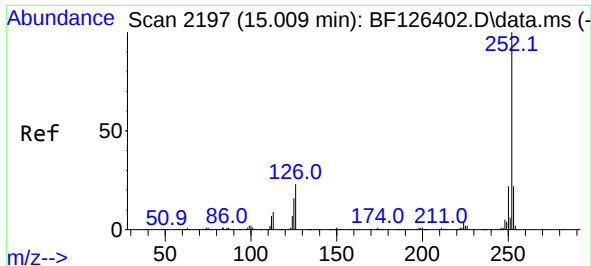


#88
Benzo(b)fluoranthene
Concen: 50.548 ng
RT: 14.974 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39



Tgt Ion:252 Resp: 604970
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 13.5 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 47.758 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Instrument :

BNA_F

ClientSampleId :

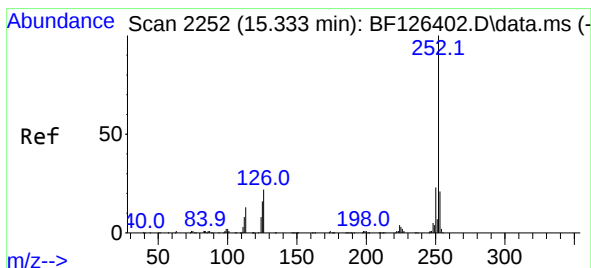
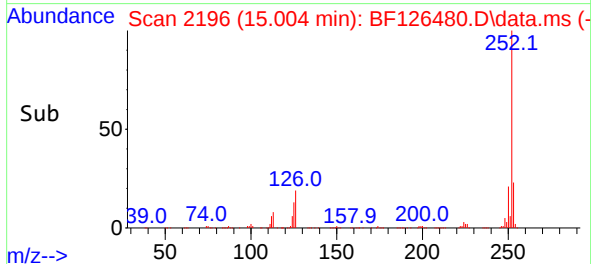
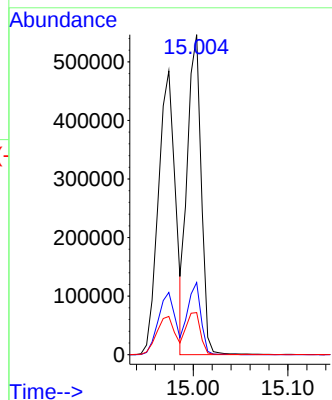
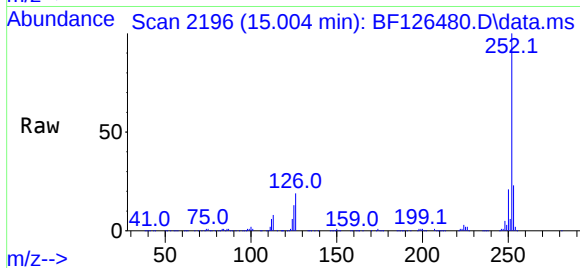
SB-11-(10-15)MSD

Tgt Ion:252 Resp: 55369
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 13.2 11.8 17.6

Manual Integrations

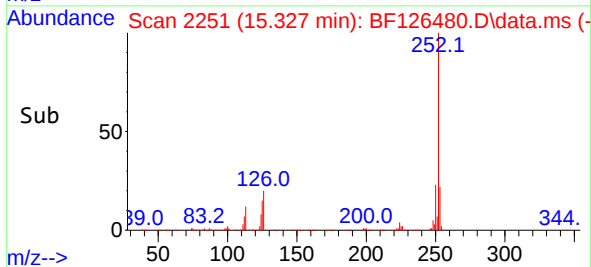
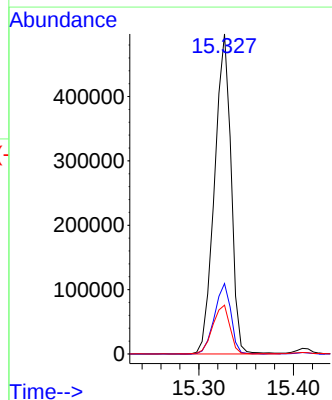
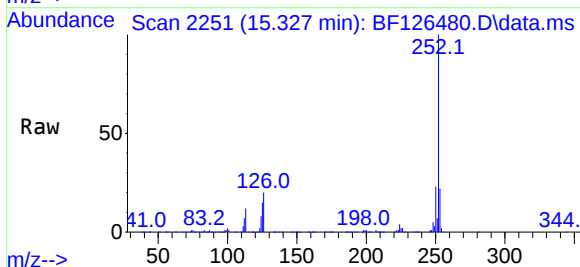
APPROVED

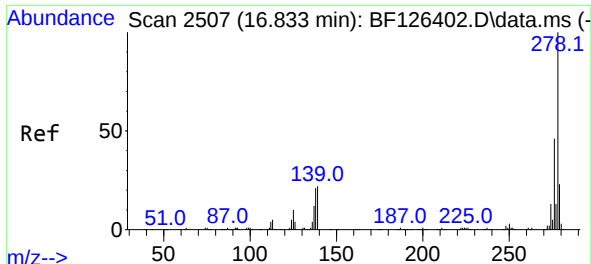
Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#90
Benzo(a)pyrene
Concen: 59.856 ng
RT: 15.327 min Scan# 2251
Delta R.T. -0.000 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Tgt Ion:252 Resp: 600661
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 15.3 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 59.290 ng
RT: 16.827 min Scan# 2506
Delta R.T. 0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Instrument :

BNA_F

ClientSampleId :

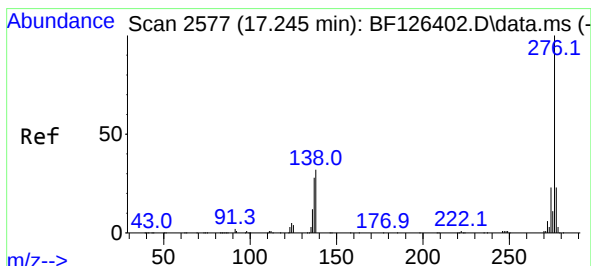
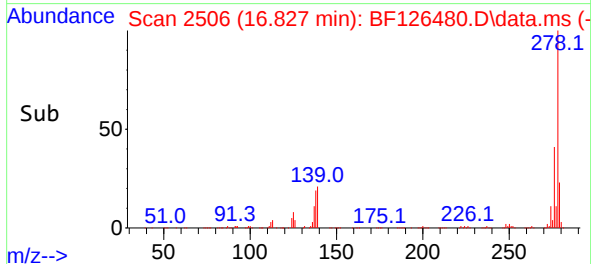
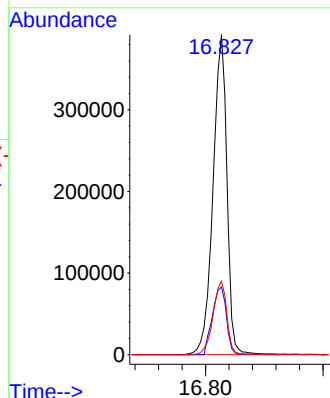
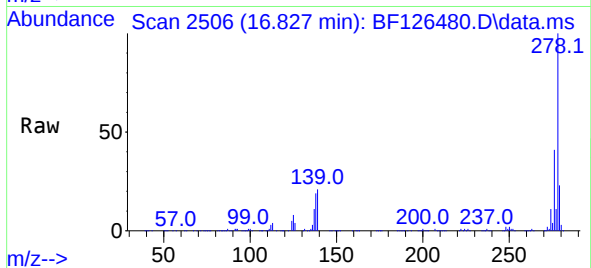
SB-11-(10-15)MSD

Tgt Ion:278 Resp: 643260
Ion Ratio Lower Upper
278 100
139 21.1 18.0 27.0
279 22.9 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022



#92
Benzo(g,h,i)perylene
Concen: 60.374 ng
RT: 17.239 min Scan# 2576
Delta R.T. 0.006 min
Lab File: BF126480.D
Acq: 4 Jan 2022 21:39

Tgt Ion:276 Resp: 697492
Ion Ratio Lower Upper
276 100
277 23.4 18.5 27.7
138 30.2 25.9 38.9

