

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
 Data File : BF126981.D
 Acq On : 21 Feb 2022 18:55
 Operator : CG\JU
 Sample : N1579-05MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(9.5-10.0)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/22/2022
 Supervised By : Jagrut Upadhyay 02/22/2022

Quant Time: Feb 22 03:48:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 21 13:16:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	84554	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	348411	20.000	ng	# 0.00
39) Acenaphthene-d10	9.957	164	177191	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	310859	20.000	ng	# 0.00
76) Chrysene-d12	14.092	240	137011	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	146248	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	608049	111.146	ng	0.00
7) Phenol-d6	6.545	99	827125	112.047	ng	0.00
23) Nitrobenzene-d5	7.481	82	588209	76.204	ng	-0.01
42) 2,4,6-Tribromophenol	10.751	330	223762	109.681	ng	0.00
45) 2-Fluorobiphenyl	9.275	172	976726	81.149	ng	0.00
79) Terphenyl-d14	13.033	244	958781	102.871	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	114262	45.644	ng	96
3) Pyridine	3.569	79	276416	42.097	ng	92
4) n-Nitrosodimethylamine	3.534	42	168722	52.455	ng	# 74
6) Aniline	6.581	93	290979	33.268	ng	94
8) 2-Chlorophenol	6.704	128	317937	54.164	ng	96
9) Benzaldehyde	6.469	77	199152	44.320	ng	99
10) Phenol	6.557	94	404127	54.180	ng	83
11) bis(2-Chloroethyl)ether	6.651	93	300965	51.444	ng	96
12) 1,3-Dichlorobenzene	6.857	146	325529	51.411	ng	96
13) 1,4-Dichlorobenzene	6.934	146	336041	52.349	ng	99
14) 1,2-Dichlorobenzene	7.087	146	323186	52.794	ng	97
15) Benzyl Alcohol	7.057	79	319092	51.310	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.186	45	439600	47.719	ng	96
17) 2-Methylphenol	7.163	107	266626	52.501	ng	# 93
18) Hexachloroethane	7.428	117	132364	53.794	ng	95
19) n-Nitroso-di-n-propyla...	7.328	70	244446	51.390	ng	96
20) 3+4-Methylphenols	7.316	107	343097	52.027	ng	# 85
22) Acetophenone	7.328	105	466786	50.885	ng	95
24) Nitrobenzene	7.504	77	376186	51.590	ng	99
25) Isophorone	7.739	82	670902	52.526	ng	# 98
26) 2-Nitrophenol	7.816	139	169039	54.447	ng	# 78
27) 2,4-Dimethylphenol	7.845	122	297629	58.356	ng	91
28) bis(2-Chloroethoxy)met...	7.945	93	382114	49.346	ng	98
29) 2,4-Dichlorophenol	8.057	162	253077	52.779	ng	98
30) 1,2,4-Trichlorobenzene	8.139	180	266821	49.772	ng	98
31) Naphthalene	8.222	128	916501	50.391	ng	99
33) 4-Chloroaniline	8.269	127	144243	20.149	ng	97
34) Hexachlorobutadiene	8.333	225	159506	50.964	ng	98
35) Caprolactam	8.645	113	72143m	43.084	ng	
36) 4-Chloro-3-methylphenol	8.751	107	321626	52.482	ng	95
37) 2-Methylnaphthalene	8.916	142	612850	51.929	ng	96
38) 1-Methylnaphthalene	9.016	142	578137	51.157	ng	98
40) 1,2,4,5-Tetrachloroben...	9.081	216	249702	53.535	ng	98
41) Hexachlorocyclopentadiene	9.063	237	293969	116.205	ng	97
43) 2,4,6-Trichlorophenol	9.192	196	176215	51.510	ng	99
44) 2,4,5-Trichlorophenol	9.233	196	182920	50.812	ng	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.380	154	734842	52.345	ng	96
47) 2-Chloronaphthalene	9.404	162	533061	51.205	ng	93
48) 2-Nitroaniline	9.504	65	216612	52.728	ng	99
49) Acenaphthylene	9.822	152	909283	53.771	ng	99
50) Dimethylphthalate	9.680	163	653171	51.571	ng	99
51) 2,6-Dinitrotoluene	9.745	165	143673	55.756	ng	# 88
52) Acenaphthene	9.992	154	543419	49.412	ng	96
53) 3-Nitroaniline	9.916	138	98216	31.181	ng	88
54) 2,4-Dinitrophenol	10.016	184	25625	18.788	ng	# 86
55) Dibenzofuran	10.169	168	768320	50.806	ng	93
56) 4-Nitrophenol	10.075	139	204410	87.865	ng	# 86
57) 2,4-Dinitrotoluene	10.145	165	193455	55.526	ng	# 91
58) Fluorene	10.510	166	613647	52.094	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.280	232	125244m	43.884	ng	
60) Diethylphthalate	10.380	149	689524	52.102	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	287820	51.818	ng	93
62) 4-Nitroaniline	10.533	138	151695	48.770	ng	# 76
63) Azobenzene	10.663	77	734698	49.855	ng	93
65) 4,6-Dinitro-2-methylph...	10.551	198	37648	20.612	ng	81
66) n-Nitrosodiphenylamine	10.622	169	534068	52.394	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	183074	52.710	ng	97
68) Hexachlorobenzene	11.057	284	202431	54.139	ng	90
69) Atrazine	11.145	200	171391	54.213	ng	98
70) Pentachlorophenol	11.245	266	99313	48.657	ng	99
71) Phenanthrene	11.474	178	891418	51.233	ng	100
72) Anthracene	11.527	178	900454	51.985	ng	100
73) Carbazole	11.680	167	753193	47.417	ng	98
74) Di-n-butylphthalate	12.004	149	1037233	50.793	ng	99
75) Fluoranthene	12.663	202	777825	47.082	ng	95
77) Benzidine	12.786	184	211419	56.782	ng	97
78) Pyrene	12.892	202	754536	63.389	ng	99
80) Butylbenzylphthalate	13.504	149	328694	58.329	ng	94
81) Benzo(a)anthracene	14.080	228	475802	51.512	ng	100
82) 3,3'-Dichlorobenzidine	14.039	252	73916	25.392	ng	# 96
83) Chrysene	14.115	228	446269	51.378	ng	99
84) Bis(2-ethylhexyl)phtha...	14.057	149	420559	56.845	ng	95
85) Di-n-octyl phthalate	14.674	149	578801	54.336	ng	97
87) Indeno(1,2,3-cd)pyrene	17.115	276	577377	60.208	ng	# 85
88) Benzo(b)fluoranthene	15.145	252	471075	47.958	ng	# 93
89) Benzo(k)fluoranthene	15.174	252	475739	50.215	ng	# 95
90) Benzo(a)pyrene	15.527	252	473261	61.684	ng	# 94
91) Dibenzo(a,h)anthracene	17.139	278	498544	62.859	ng	# 91
92) Benzo(g,h,i)perylene	17.586	276	474169	60.643	ng	# 86

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

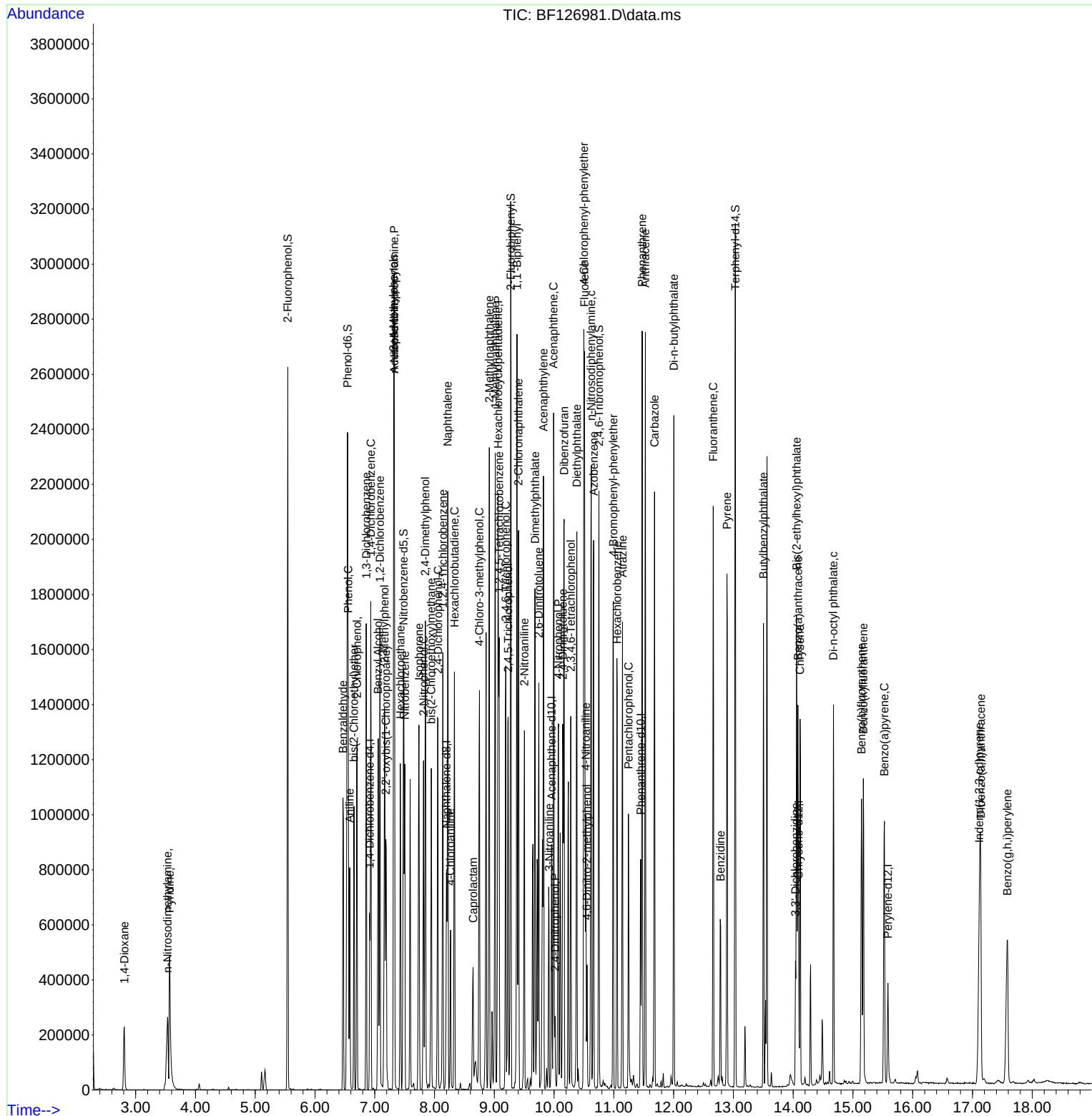
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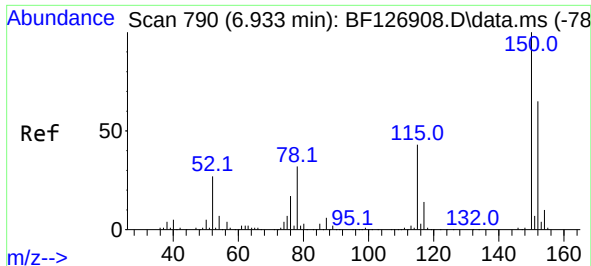
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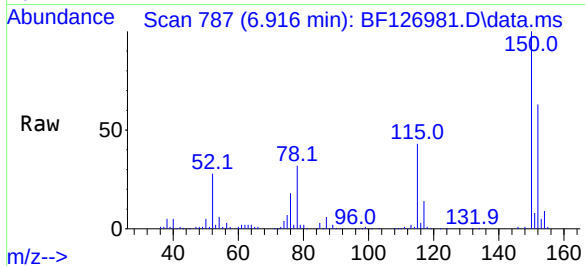
Reviewed By : Christian Giraldo 02/22/2022
Supervised By : Jagrut Upadhyay 02/22/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.916 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

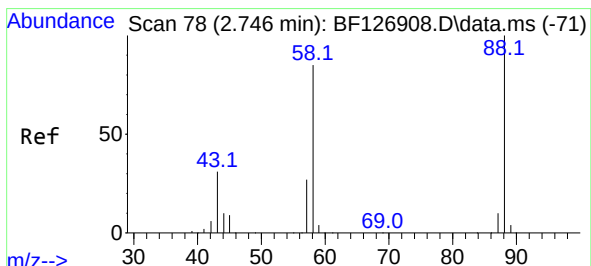
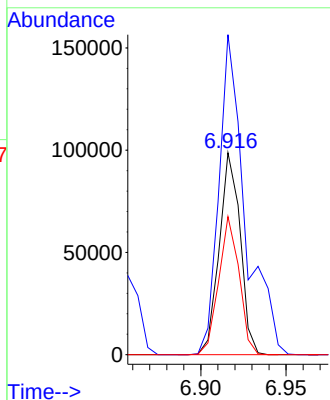
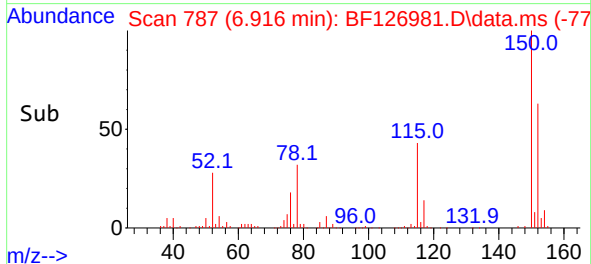
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:152 Resp: 84554
Ion Ratio Lower Upper
152 100
150 158.4 128.1 192.1
115 68.4 56.7 85.1

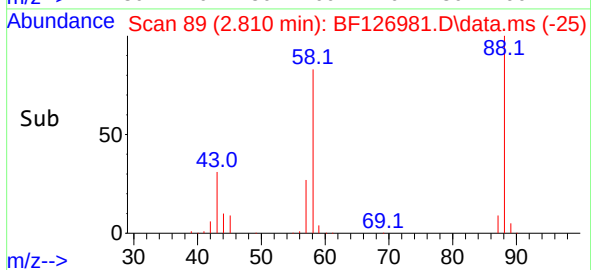
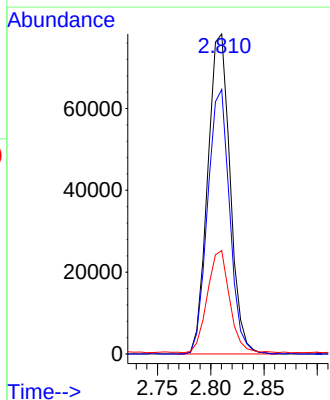
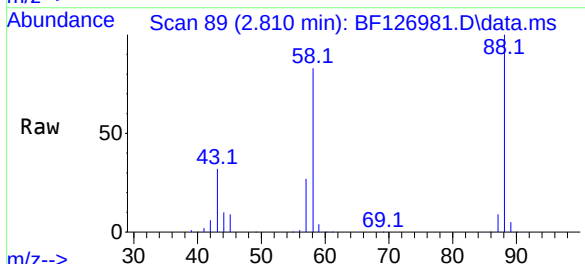
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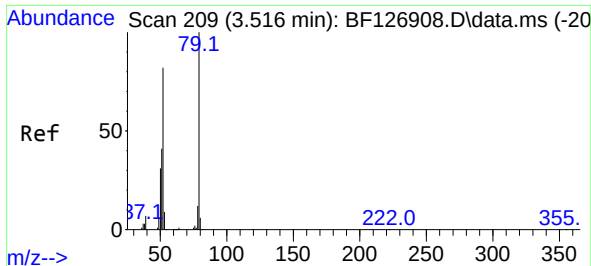
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#2
1,4-Dioxane
Concen: 45.644 ng
RT: 2.810 min Scan# 89
Delta R.T. 0.076 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

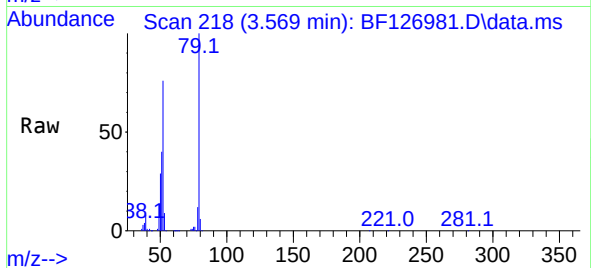
Tgt Ion: 88 Resp: 114262
Ion Ratio Lower Upper
88 100
58 81.4 62.8 94.2
43 31.8 22.3 33.5





#3
Pyridine
Concen: 42.097 ng
RT: 3.569 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

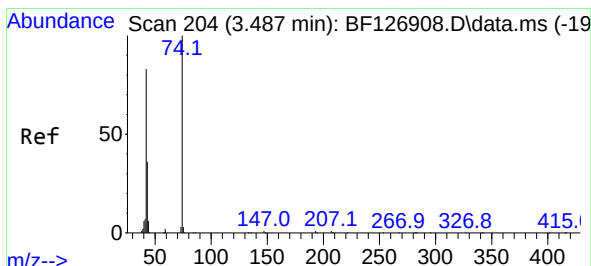
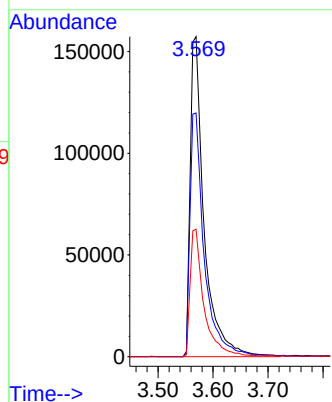
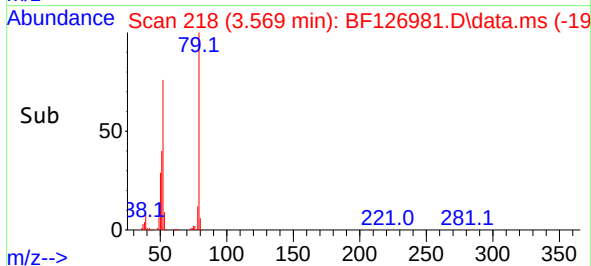
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SB-6-(9.5-10.0)MSD



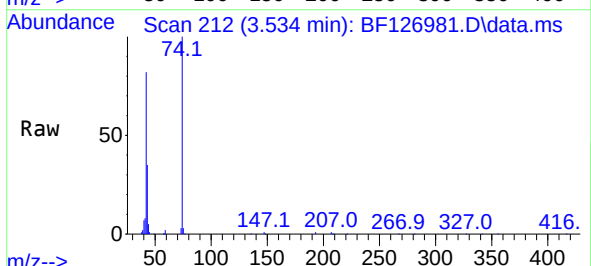
Tgt Ion: 79 Resp: 276410
Ion Ratio Lower Upper
79 100
52 76.2 56.2 84.4
51 39.9 26.7 40.1

Manual Integrations
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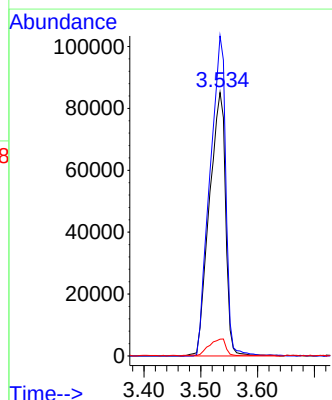
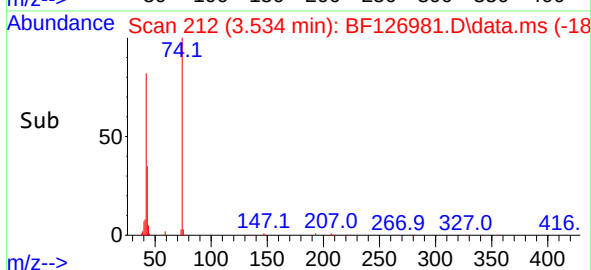
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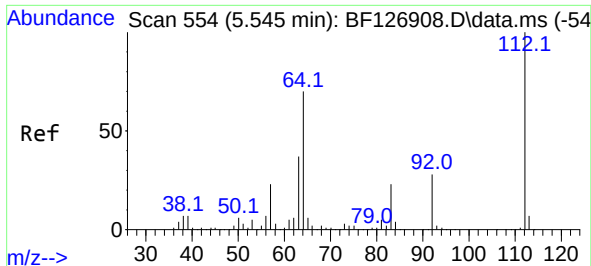


#4
n-Nitrosodimethylamine
Concen: 52.455 ng
RT: 3.534 min Scan# 212
Delta R.T. 0.059 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



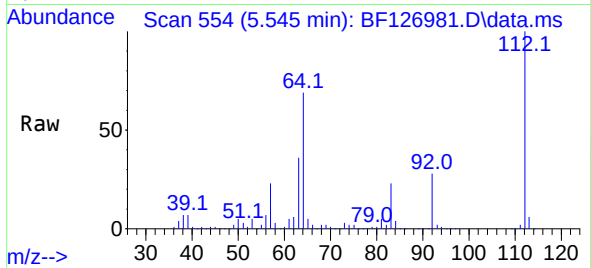
Tgt Ion: 42 Resp: 168722
Ion Ratio Lower Upper
42 100
74 121.4 125.6 188.4
44 6.4 5.7 8.5





#5
2-Fluorophenol
Concen: 111.146 ng
RT: 5.545 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

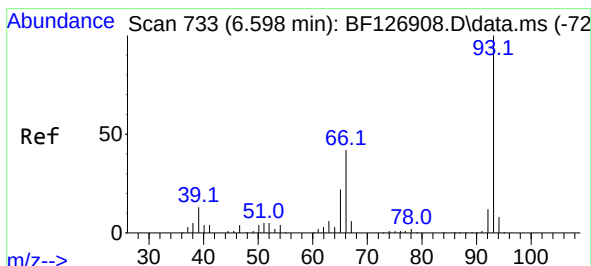
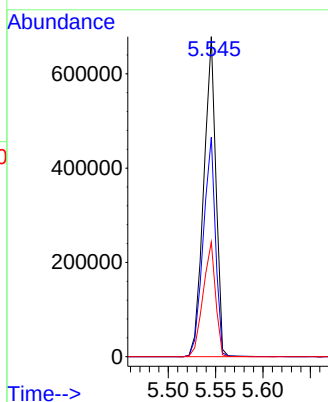
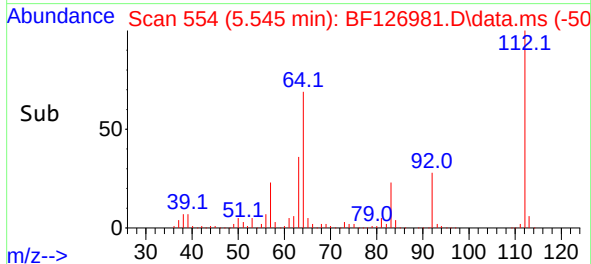
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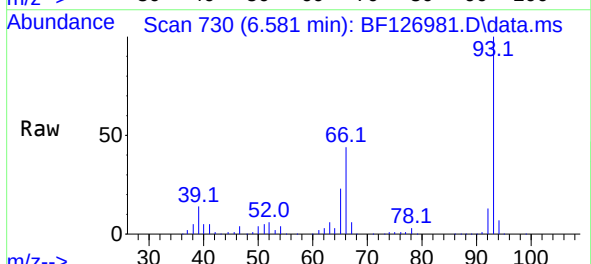
Tgt Ion:112 Resp: 608049
Ion Ratio Lower Upper
112 100
64 68.6 49.5 74.3
63 35.9 23.9 35.9

Manual Integrations
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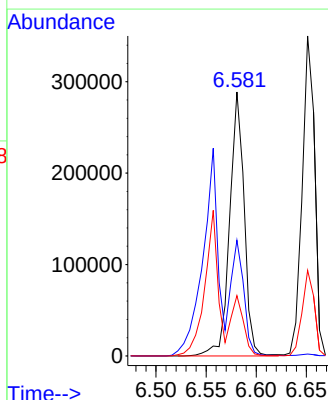
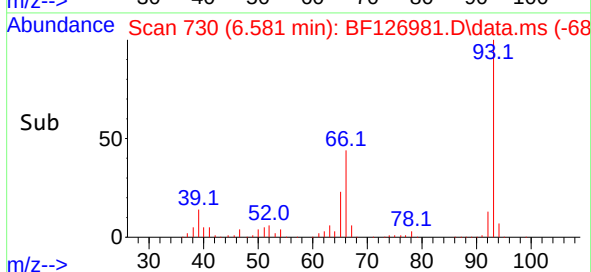
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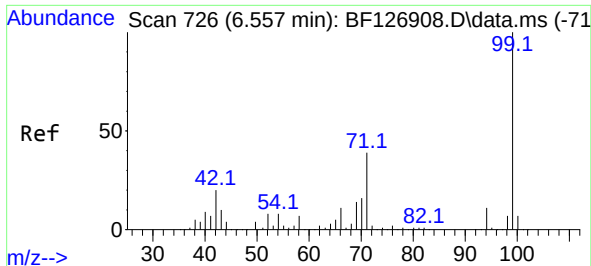


#6
Aniline
Concen: 33.268 ng
RT: 6.581 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



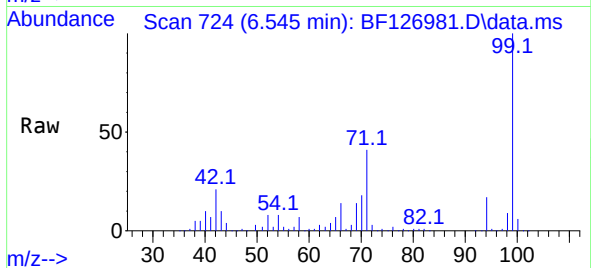
Tgt Ion: 93 Resp: 290979
Ion Ratio Lower Upper
93 100
66 43.8 32.2 48.4
65 22.9 16.3 24.5





#7
Phenol-d6
Concen: 112.047 ng
RT: 6.545 min Scan# 712
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

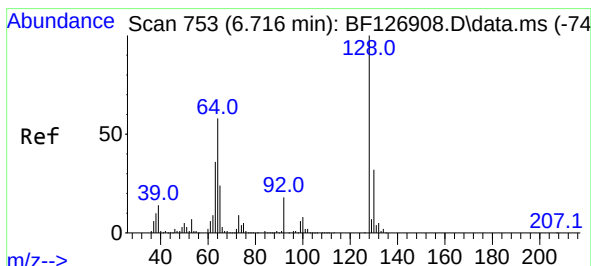
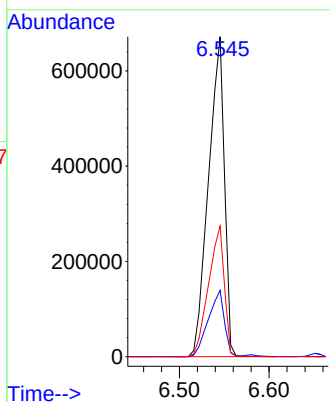
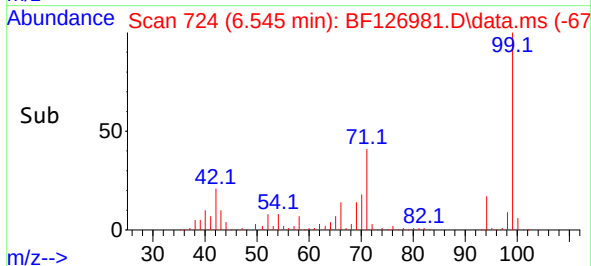
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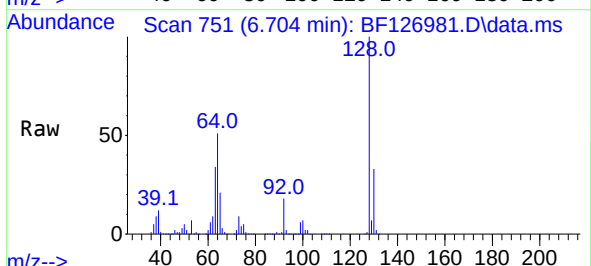
Tgt Ion: 99 Resp: 827125
Ion Ratio Lower Upper
99 100
42 20.7 14.2 21.4
71 40.9 24.3 36.5

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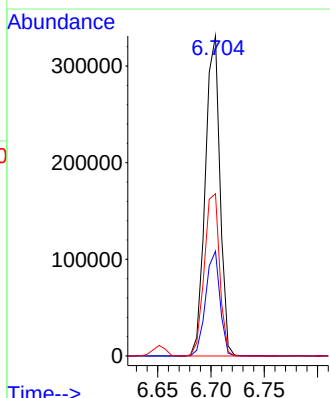
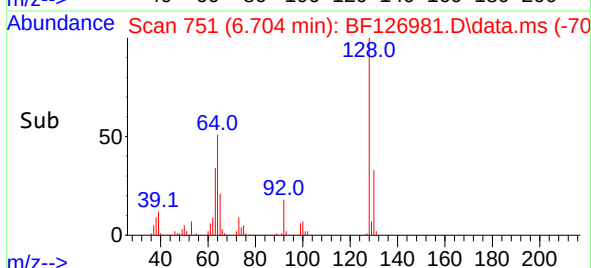
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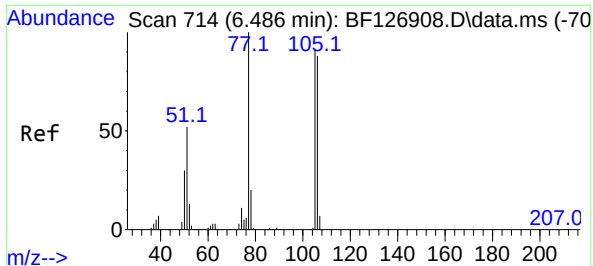


#8
2-Chlorophenol
Concen: 54.164 ng
RT: 6.704 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



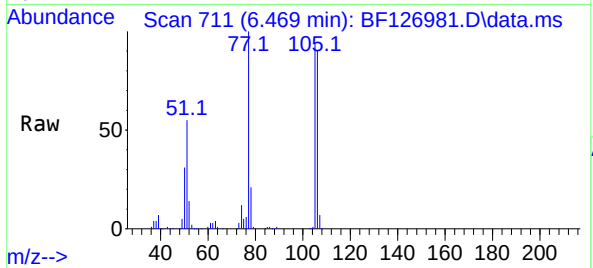
Tgt Ion:128 Resp: 317937
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 50.7 35.6 75.6





#9
Benzaldehyde
Concen: 44.320 ng
RT: 6.469 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF126981.D
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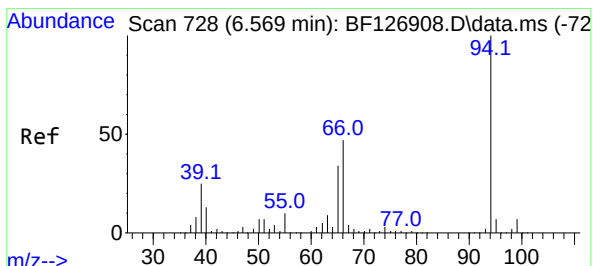
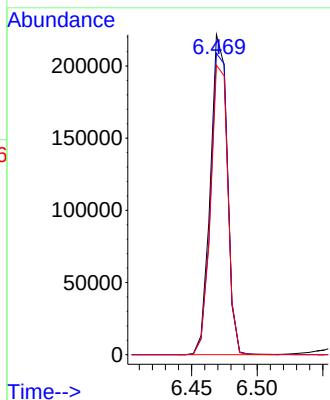
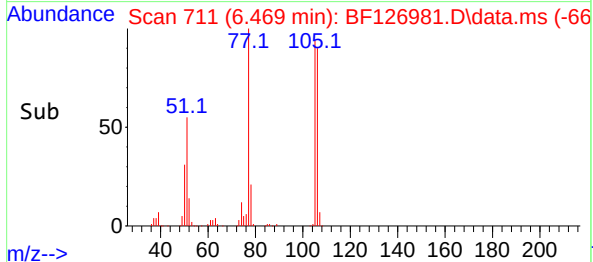
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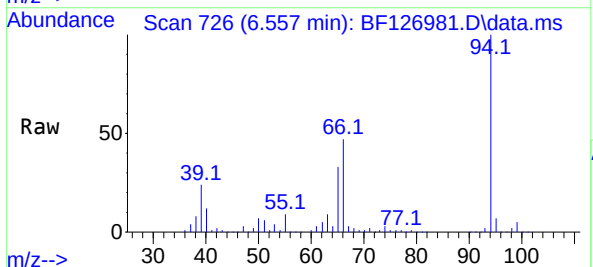
Tgt Ion: 77 Resp: 199152
Ion Ratio Lower Upper
77 100
105 94.2 74.9 114.9
106 90.5 72.4 112.4

Manual Integrations
APPROVED

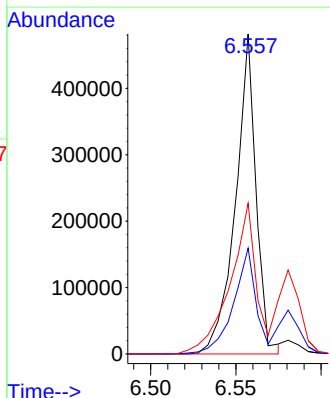
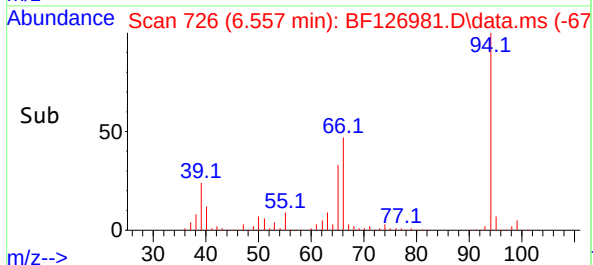
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

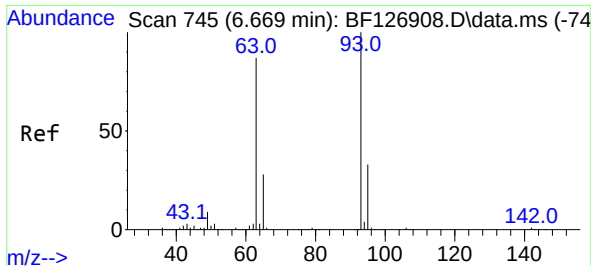


#10
Phenol
Concen: 54.180 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



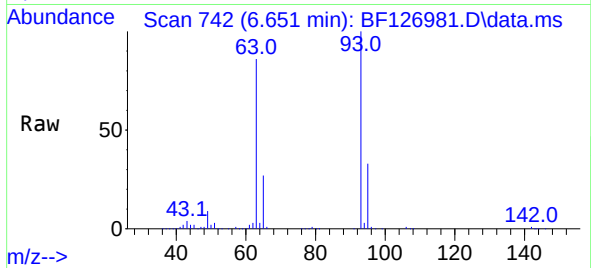
Tgt Ion: 94 Resp: 404127
Ion Ratio Lower Upper
94 100
65 33.1 7.2 47.2
66 47.1 14.5 54.5





#11
bis(2-Chloroethyl)ether
Concen: 51.444 ng
RT: 6.651 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

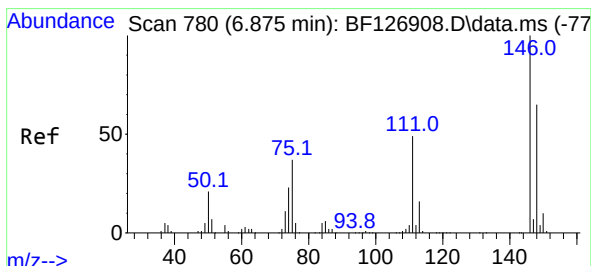
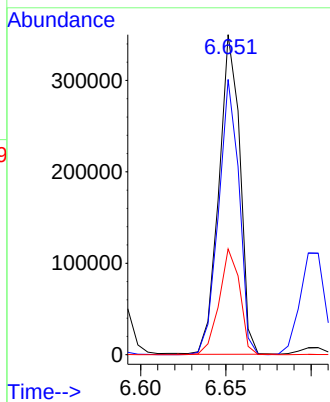
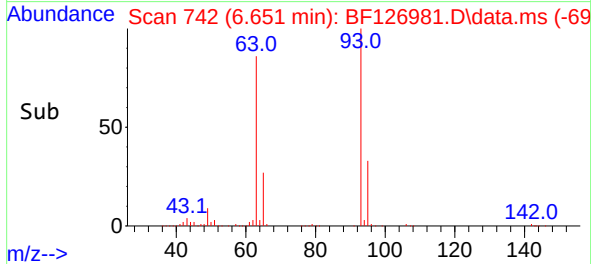
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



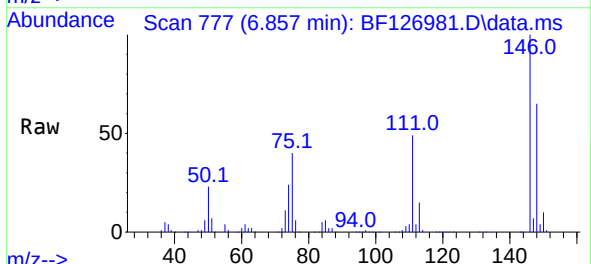
Tgt Ion: 93 Resp: 30096
Ion Ratio Lower Upper
93 100
63 86.0 60.5 100.5
95 33.0 12.9 52.9

Manual Integrations
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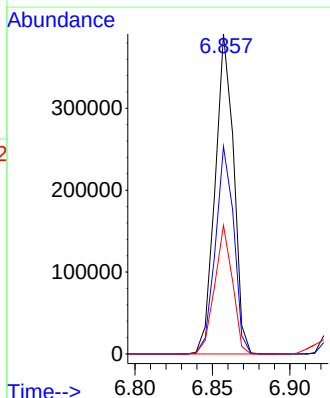
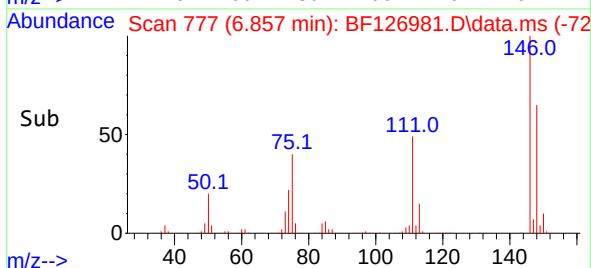
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

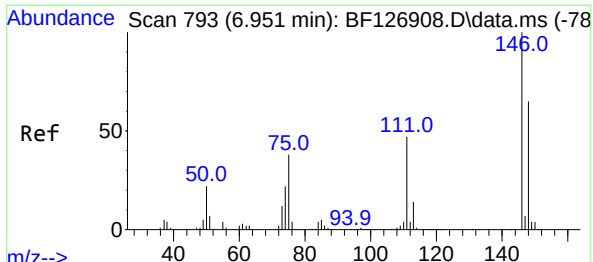


#12
1,3-Dichlorobenzene
Concen: 51.411 ng
RT: 6.857 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



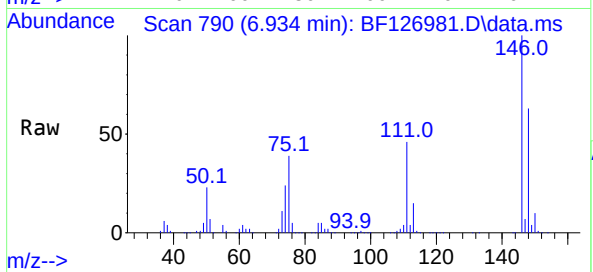
Tgt Ion:146 Resp: 325529
Ion Ratio Lower Upper
146 100
148 64.8 50.9 76.3
75 40.2 28.4 42.6





#13
1,4-Dichlorobenzene
Concen: 52.349 ng
RT: 6.934 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

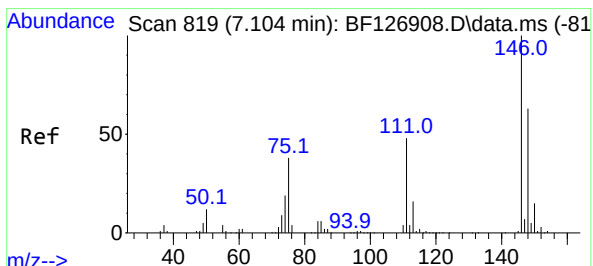
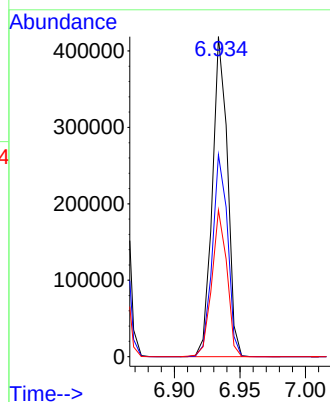
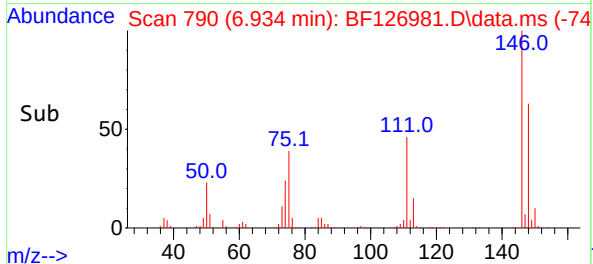
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



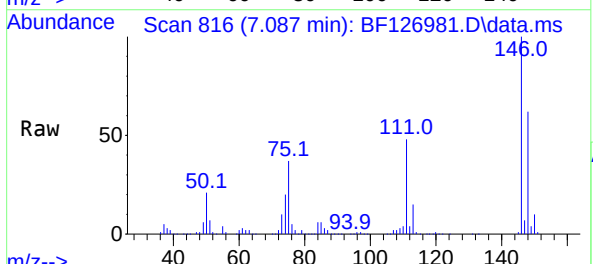
Tgt Ion:146 Resp: 33604
Ion Ratio Lower Upper
146 100
148 63.1 49.8 74.6
111 45.8 36.1 54.1

Manual Integrations
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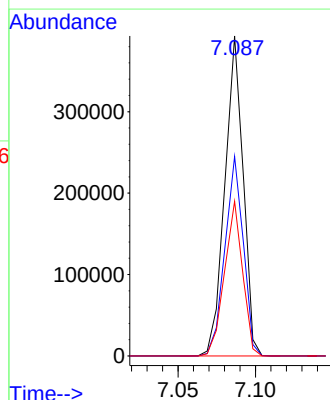
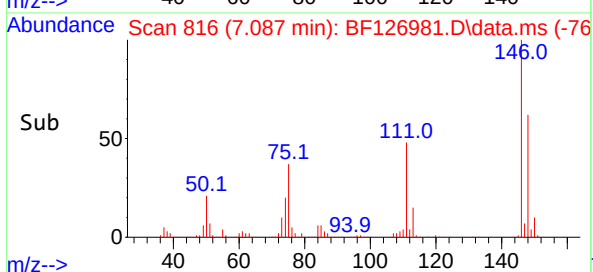
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

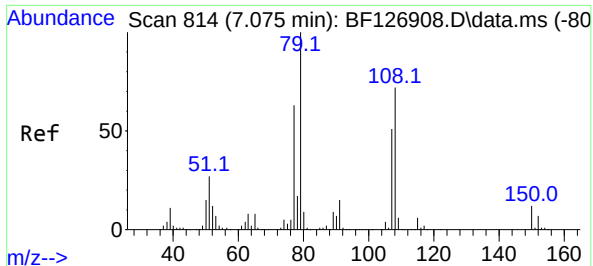


#14
1,2-Dichlorobenzene
Concen: 52.794 ng
RT: 7.087 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



Tgt Ion:146 Resp: 323186
Ion Ratio Lower Upper
146 100
148 62.4 51.6 77.4
111 48.4 40.2 60.2





#15

Benzyl Alcohol

Concen: 51.310 ng

RT: 7.057 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF126981.D

Acq: 21 Feb 2022 18:55

Instrument :

BNA_F

ClientSampleId :

SB-6-(9.5-10.0)MSD

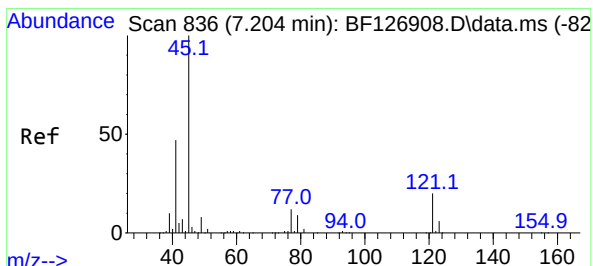
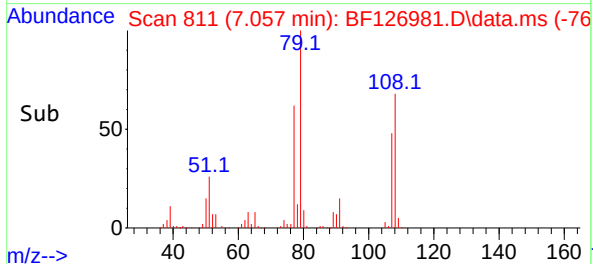
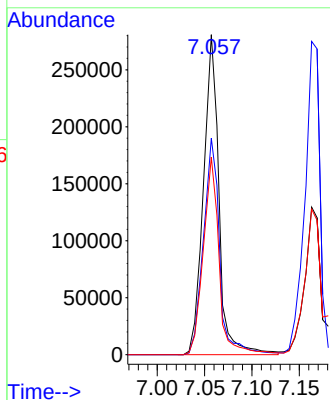
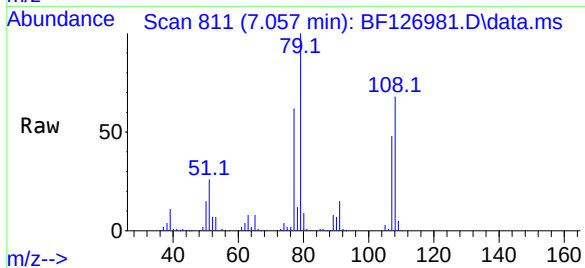
Tgt Ion: 79 Resp: 319092

Ion	Ratio	Lower	Upper
79	100		
108	67.7	63.2	94.8
77	61.7	49.4	74.2

Manual Integrations

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Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.719 ng

RT: 7.186 min Scan# 833

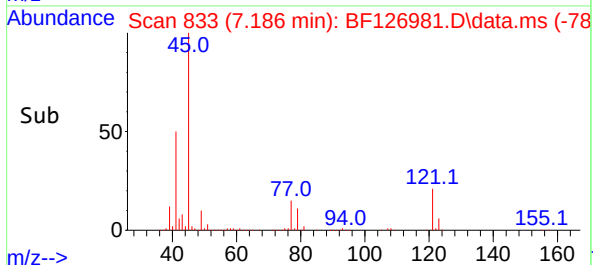
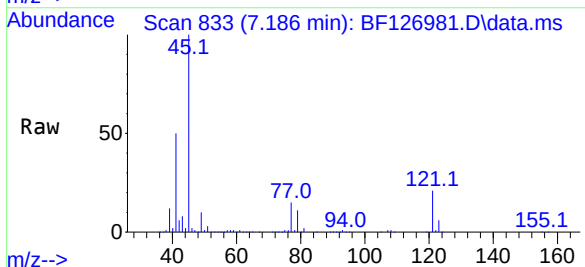
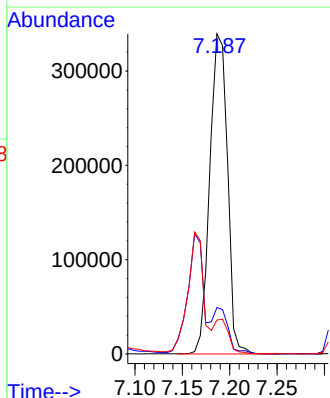
Delta R.T. -0.006 min

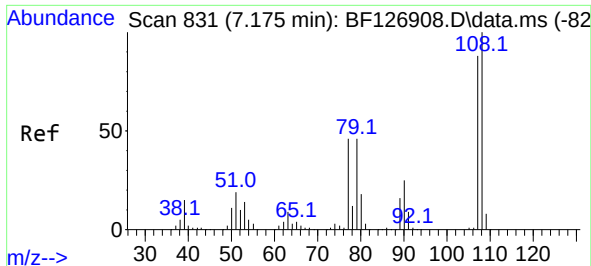
Lab File: BF126981.D

Acq: 21 Feb 2022 18:55

Tgt Ion: 45 Resp: 439600

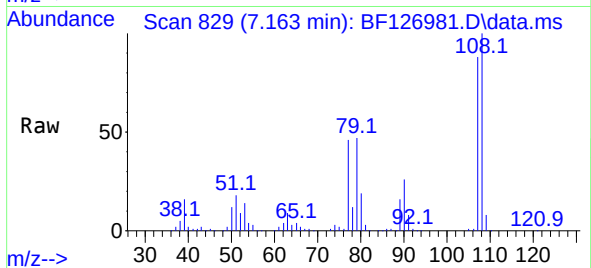
Ion	Ratio	Lower	Upper
45	100		
77	14.5	0.0	32.4
79	10.6	0.0	29.8





#17
2-Methylphenol
Concen: 52.501 ng
RT: 7.163 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

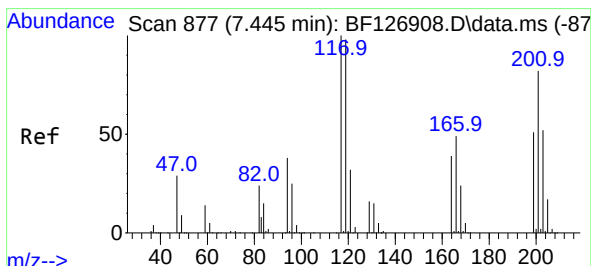
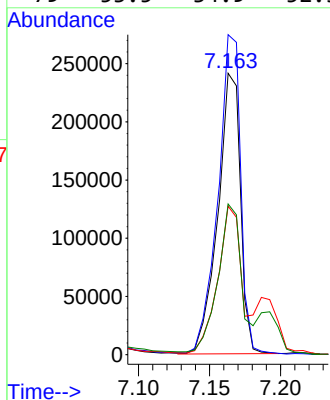
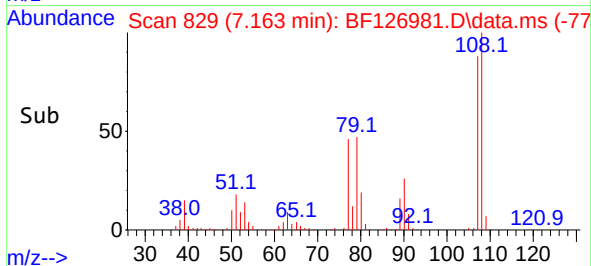
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



Tgt Ion:107 Resp: 266620
Ion Ratio Lower Upper
107 100
108 113.7 93.4 140.0
77 52.8 36.1 54.1
79 53.5 34.9 52.3#

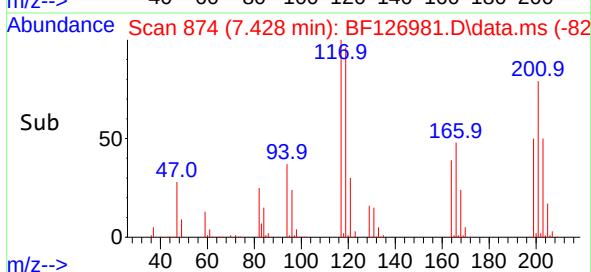
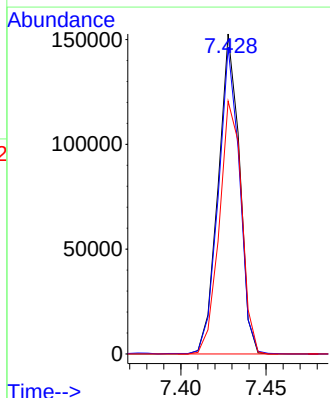
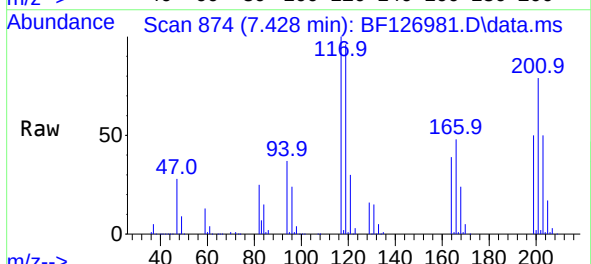
Manual Integrations
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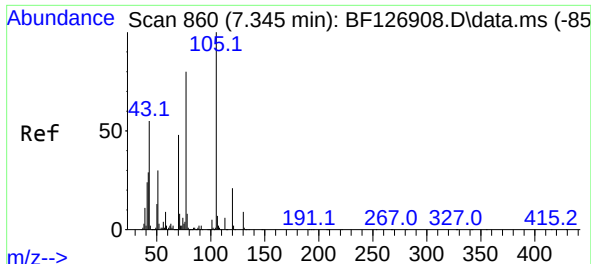
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#18
Hexachloroethane
Concen: 53.794 ng
RT: 7.428 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

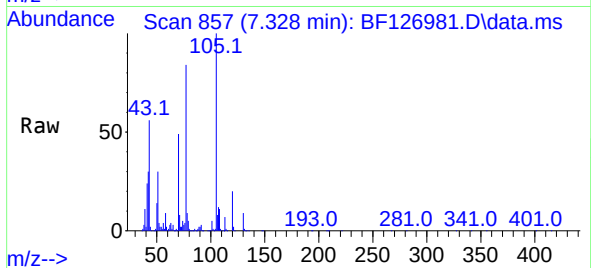
Tgt Ion:117 Resp: 132364
Ion Ratio Lower Upper
117 100
119 95.8 75.4 113.0
201 79.0 56.8 85.2





#19
n-Nitroso-di-n-propylamine
Concen: 51.390 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

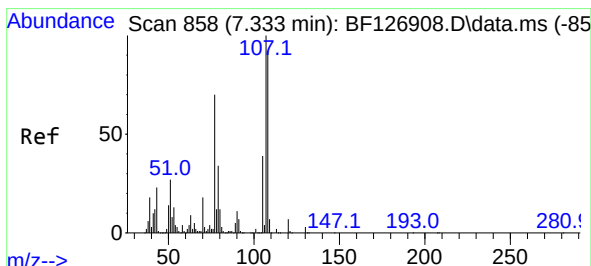
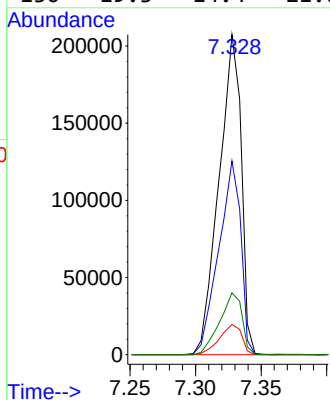
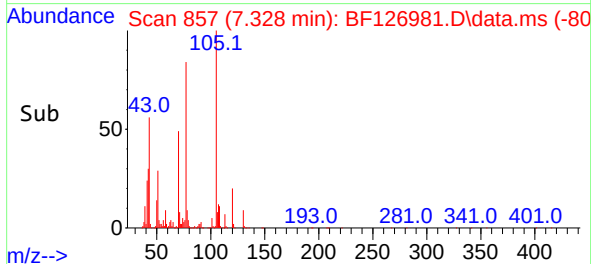
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



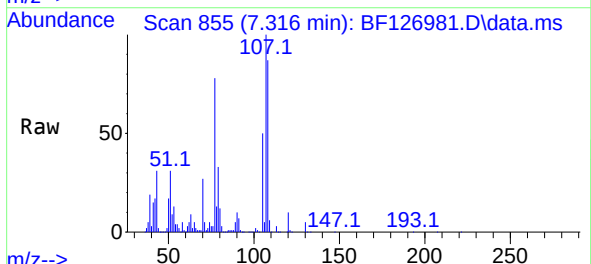
Tgt Ion: 70 Resp: 244440
Ion Ratio Lower Upper
70 100
42 60.6 45.8 68.8
101 9.5 6.9 10.3
130 19.3 14.4 21.6

Manual Integrations
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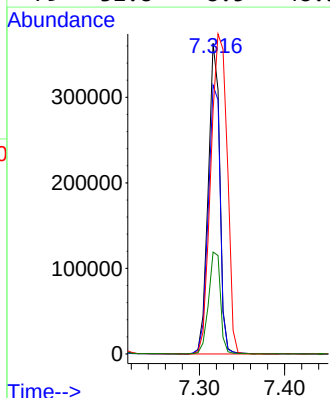
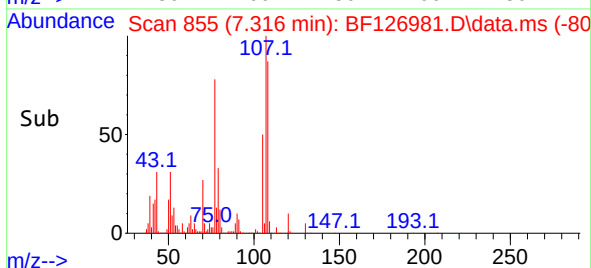
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

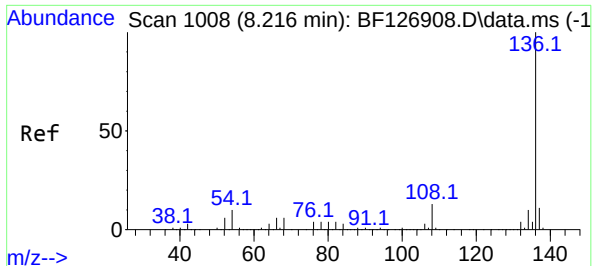


#20
3+4-Methylphenols
Concen: 52.027 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



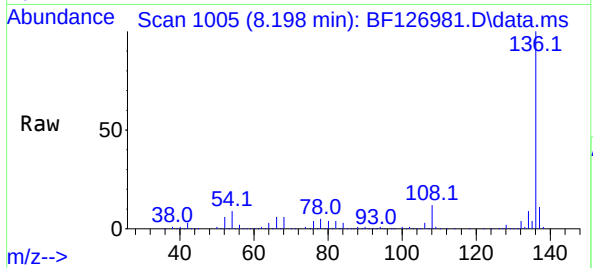
Tgt Ion:107 Resp: 343097
Ion Ratio Lower Upper
107 100
108 86.6 72.4 112.4
77 78.4 83.8 123.8#
79 32.8 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

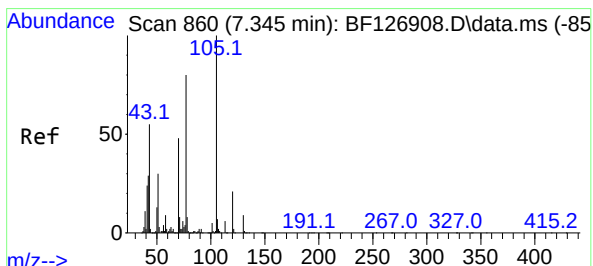
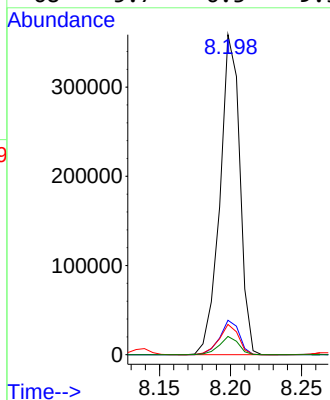
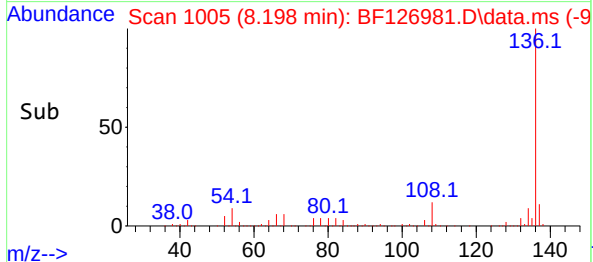
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



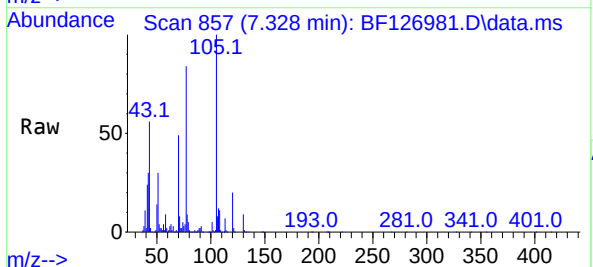
Tgt Ion:136 Resp: 34841
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.4 7.8 11.6
68 5.7 6.3 9.5#

Manual Integrations
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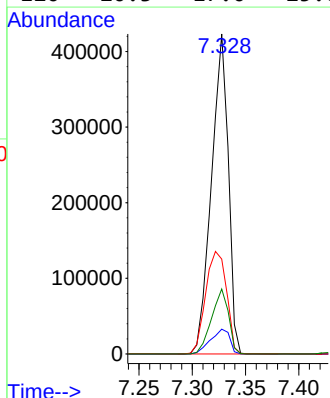
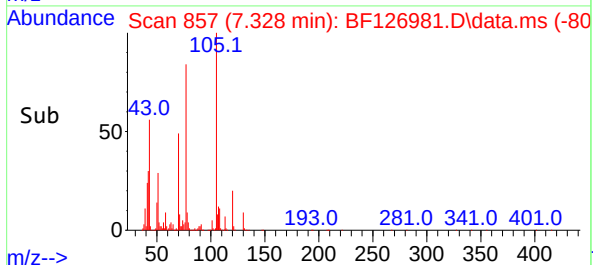
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

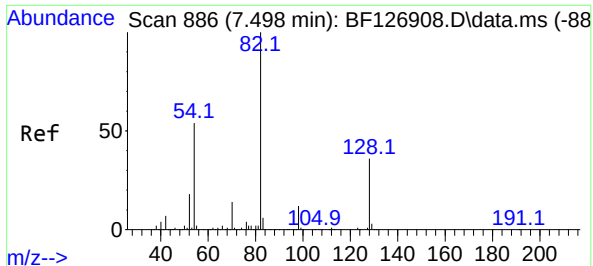


#22
Acetophenone
Concen: 50.885 ng
RT: 7.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



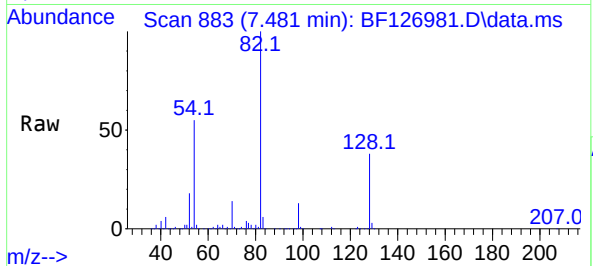
Tgt Ion:105 Resp: 466786
Ion Ratio Lower Upper
105 100
71 7.7 5.4 8.0
51 29.7 27.4 41.0
120 20.3 17.0 25.6





#23
Nitrobenzene-d5
Concen: 76.204 ng
RT: 7.481 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

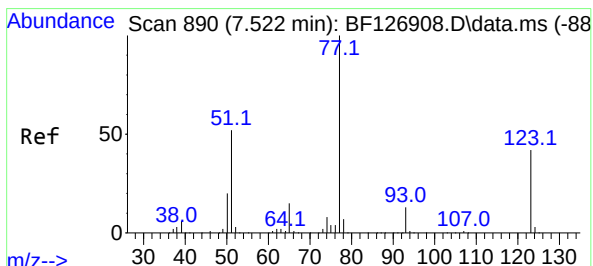
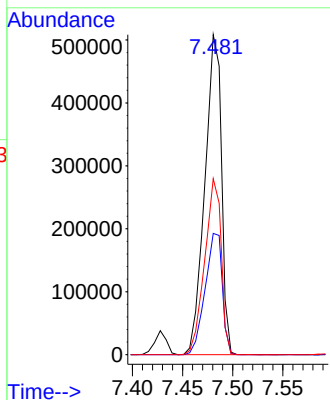
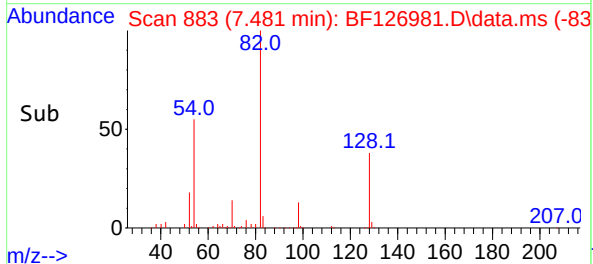
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



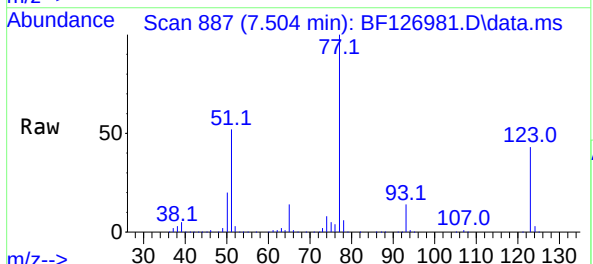
Tgt Ion: 82 Resp: 588209
Ion Ratio Lower Upper
82 100
128 37.9 32.7 49.1
54 55.0 41.7 62.5

Manual Integrations
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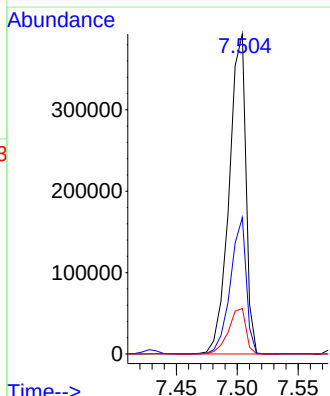
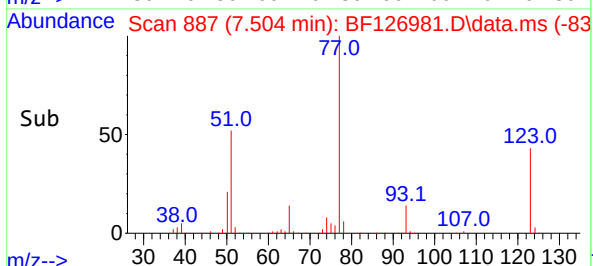
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

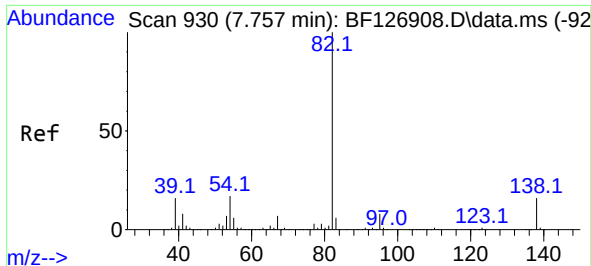


#24
Nitrobenzene
Concen: 51.590 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



Tgt Ion: 77 Resp: 376186
Ion Ratio Lower Upper
77 100
123 42.7 34.6 52.0
65 14.2 10.6 15.8





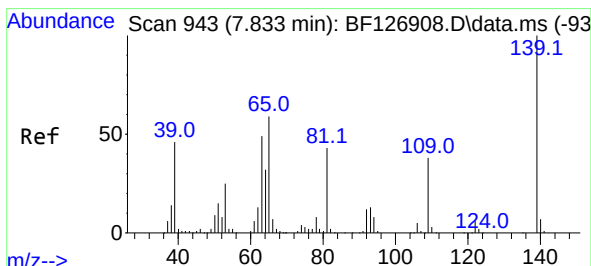
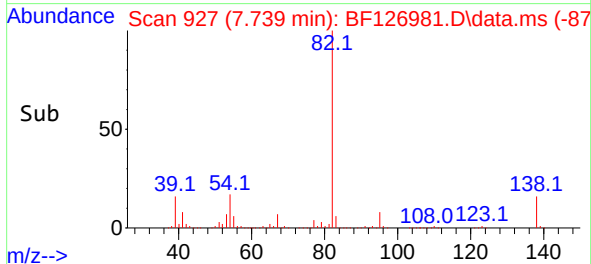
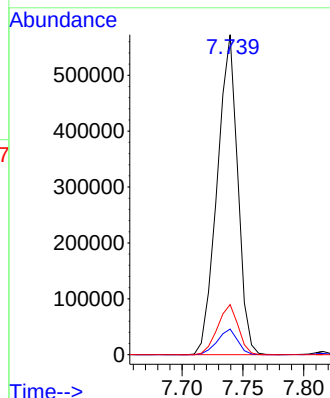
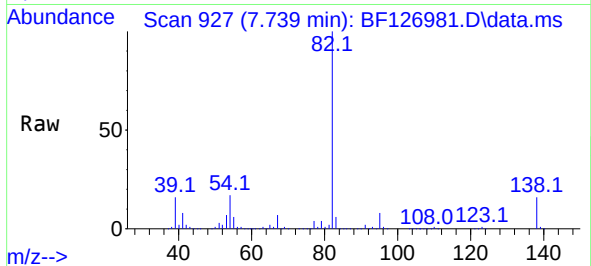
#25
Isophorone
Concen: 52.526 ng
RT: 7.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD

Tgt Ion: 82 Resp: 670902
Ion Ratio Lower Upper
82 100
95 8.0 5.0 7.4#
138 15.6 12.3 18.5

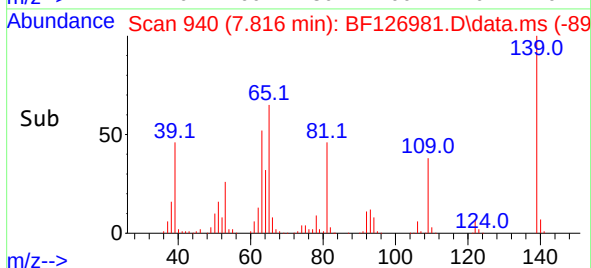
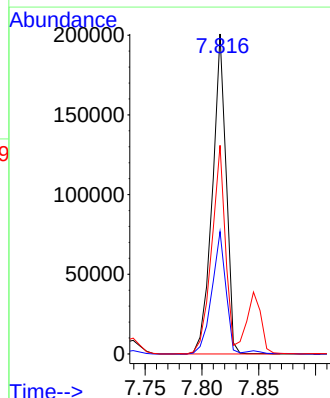
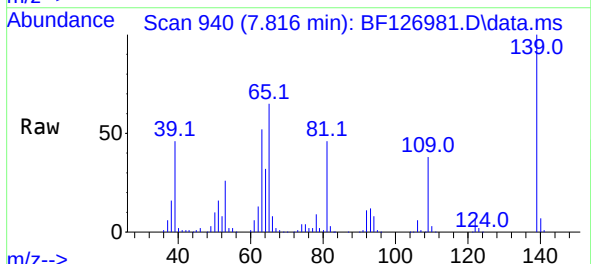
Manual Integrations
APPROVED

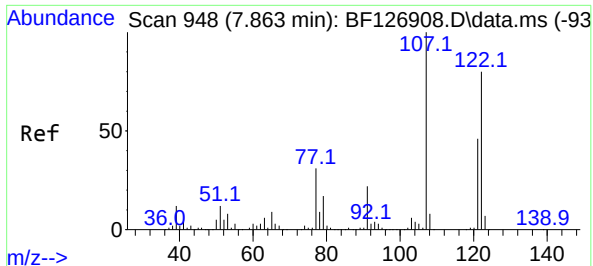
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#26
2-Nitrophenol
Concen: 54.447 ng
RT: 7.816 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

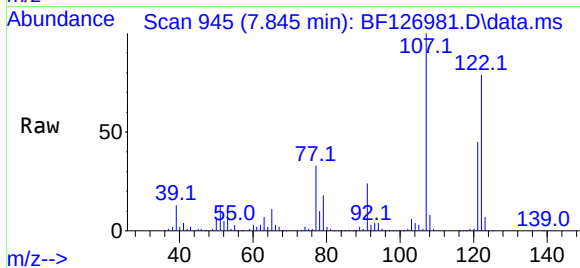
Tgt Ion:139 Resp: 169039
Ion Ratio Lower Upper
139 100
109 38.2 20.0 30.0#
65 65.2 40.8 61.2#





#27
2,4-Dimethylphenol
Concen: 58.356 ng
RT: 7.845 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

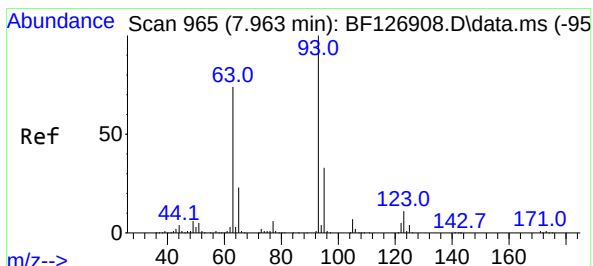
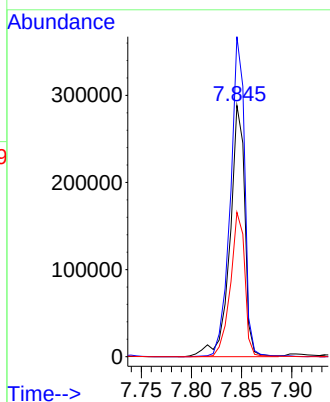
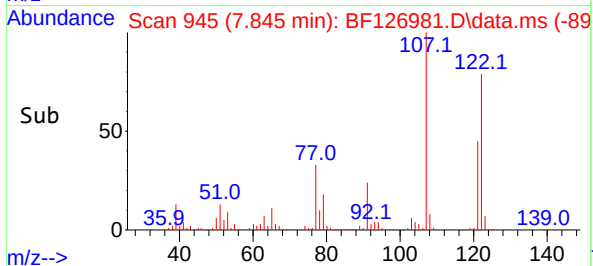
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



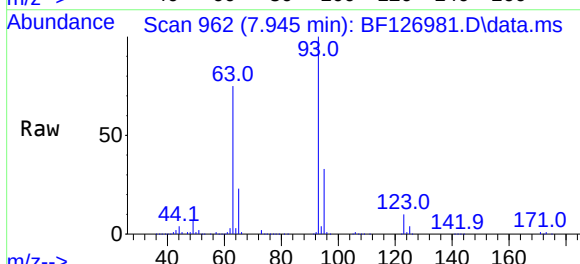
Tgt Ion:122 Resp: 297629
Ion Ratio Lower Upper
122 100
107 127.4 91.2 136.8
121 57.5 44.4 66.6

Manual Integrations
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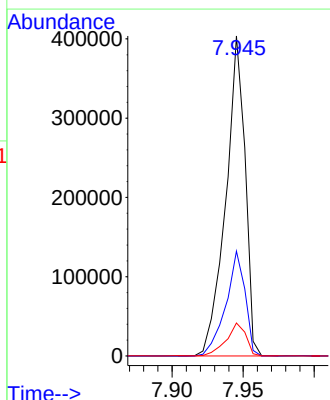
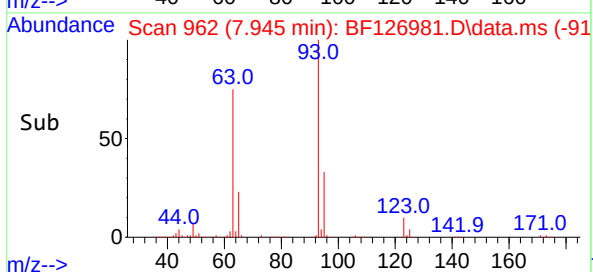
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

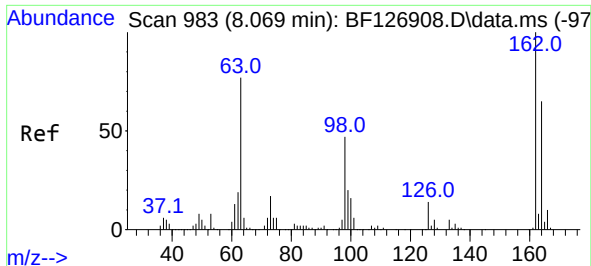


#28
bis(2-Chloroethoxy)methane
Concen: 49.346 ng
RT: 7.945 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



Tgt Ion: 93 Resp: 382114
Ion Ratio Lower Upper
93 100
95 32.8 25.4 38.2
123 10.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 52.779 ng

RT: 8.057 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF126981.D

Acq: 21 Feb 2022 18:55

Instrument :

BNA_F

ClientSampleId :

SB-6-(9.5-10.0)MSD

Tgt Ion:162 Resp: 25307

Ion Ratio Lower Upper

162 100

164 64.8 43.8 83.8

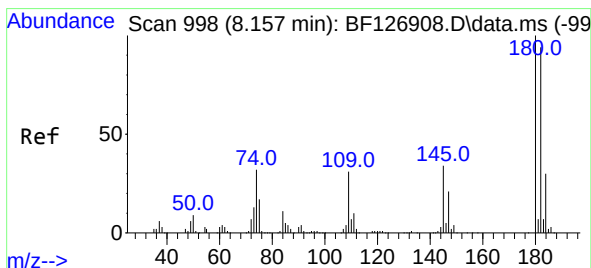
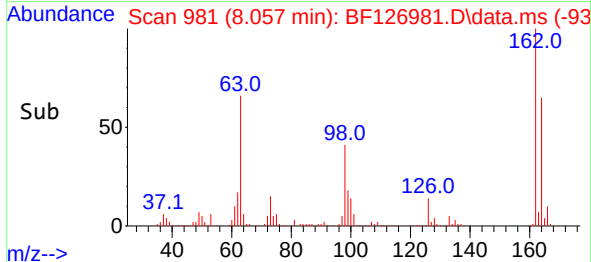
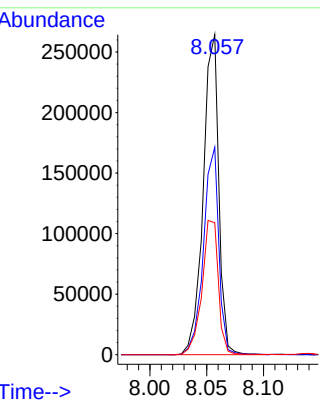
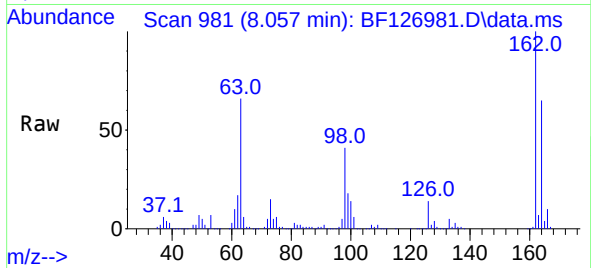
98 41.2 23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/22/2022

Supervised By :Jagrut Upadhyay 02/22/2022



#30

1,2,4-Trichlorobenzene

Concen: 49.772 ng

RT: 8.139 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF126981.D

Acq: 21 Feb 2022 18:55

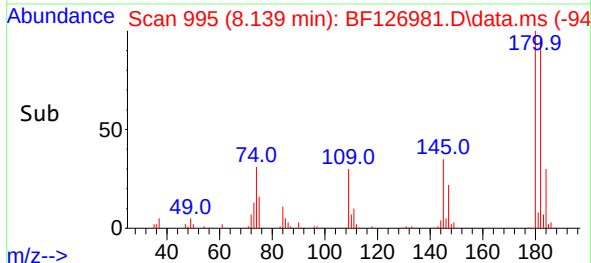
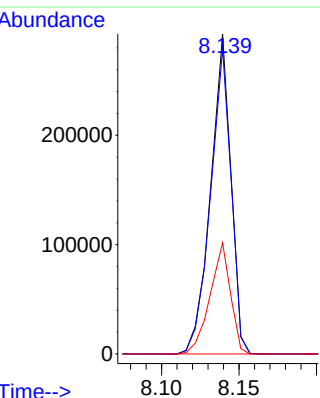
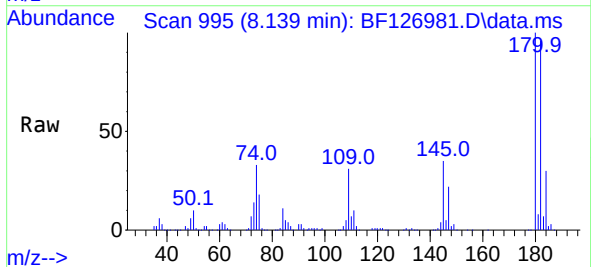
Tgt Ion:180 Resp: 266821

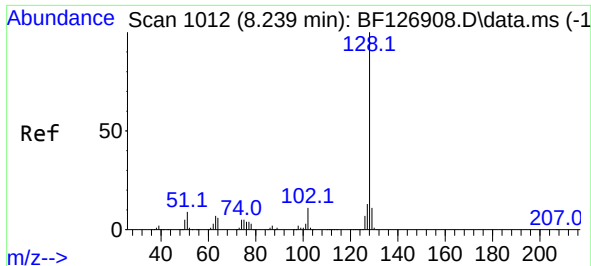
Ion Ratio Lower Upper

180 100

182 95.5 75.5 113.3

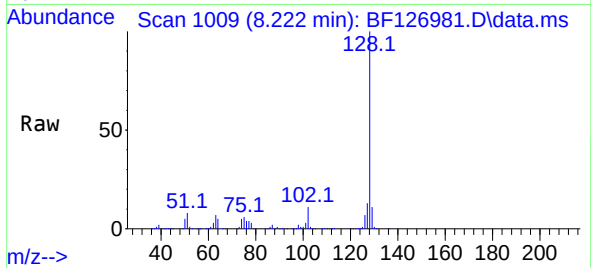
145 34.7 26.2 39.2





#31
Naphthalene
Concen: 50.391 ng
RT: 8.222 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

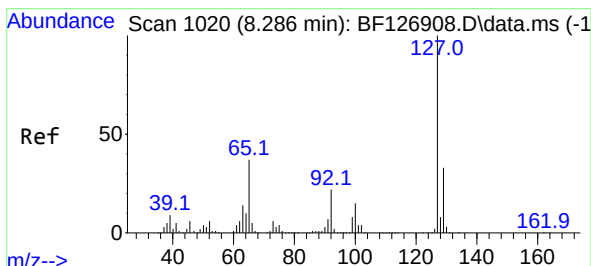
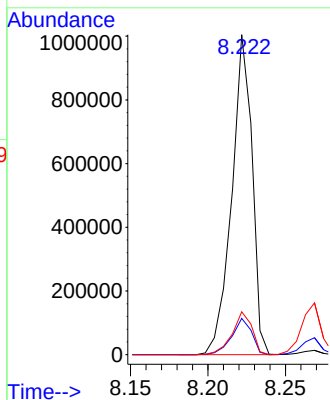
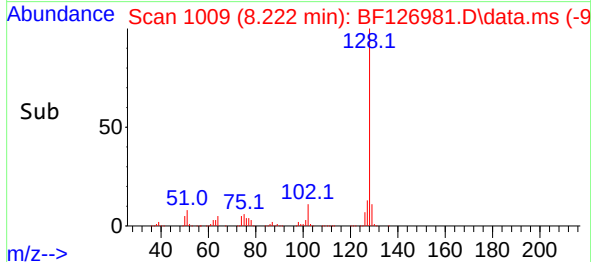
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



Tgt Ion:128 Resp: 91650
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.4 10.3 15.5

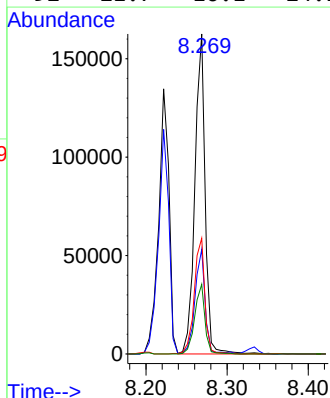
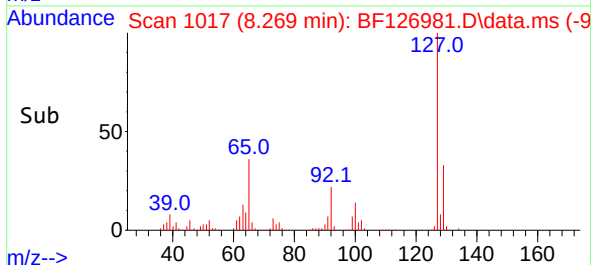
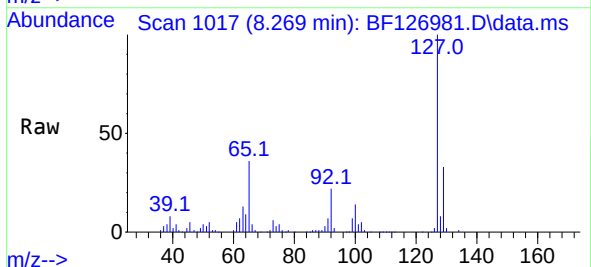
Manual Integrations
APPROVED

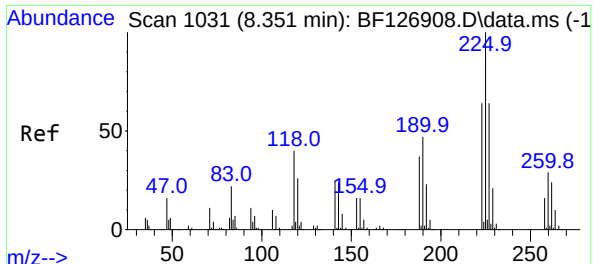
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#33
4-Chloroaniline
Concen: 20.149 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

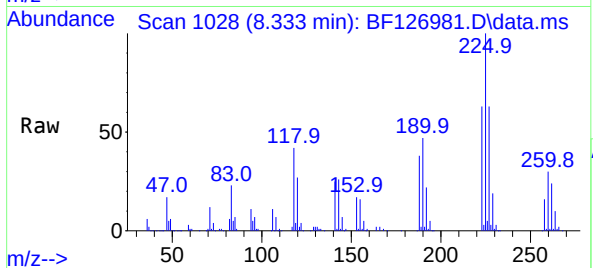
Tgt Ion:127 Resp: 144243
Ion Ratio Lower Upper
127 100
129 32.7 26.5 39.7
65 36.2 26.6 39.8
92 21.7 16.1 24.1





#34
Hexachlorobutadiene
Concen: 50.964 ng
RT: 8.333 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

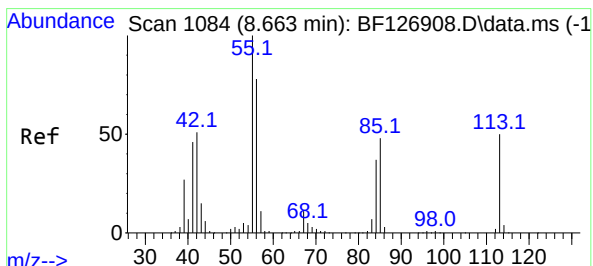
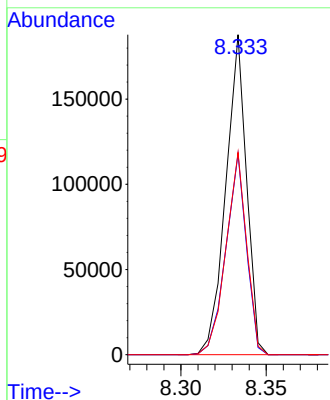
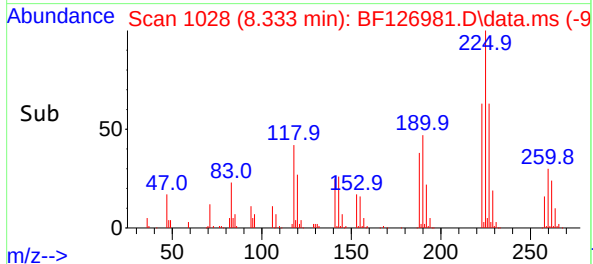
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



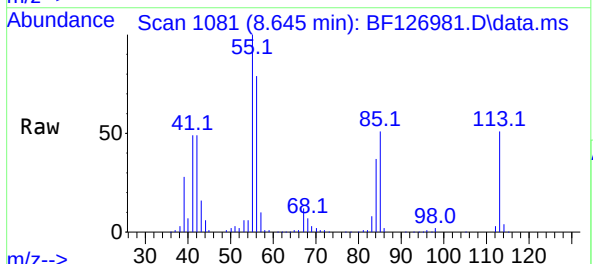
Tgt Ion:225 Resp: 159500
Ion Ratio Lower Upper
225 100
223 62.8 48.6 73.0
227 63.2 51.4 77.0

Manual Integrations
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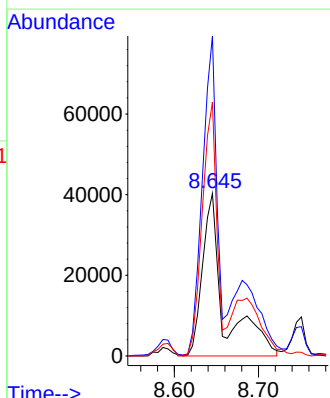
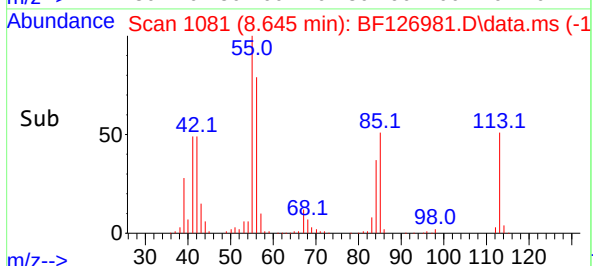
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

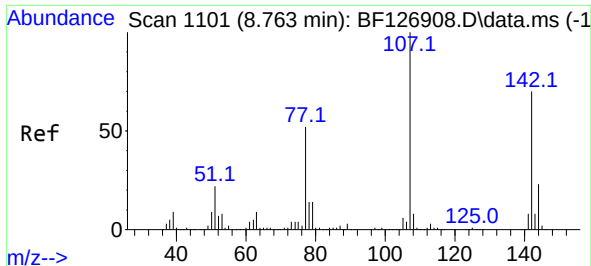


#35
Caprolactam
Concen: 43.084 ng m
RT: 8.645 min Scan# 1081
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



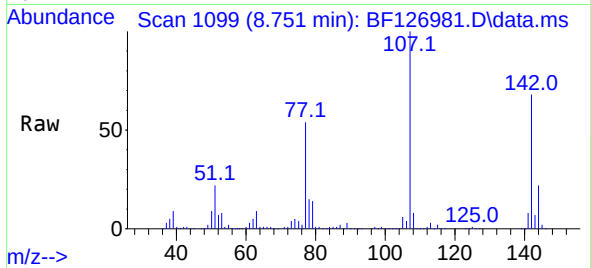
Tgt Ion:113 Resp: 72143
Ion Ratio Lower Upper
113 100
55 196.8 183.9 223.9
56 156.1 129.9 169.9





#36
4-Chloro-3-methylphenol
Concen: 52.482 ng
RT: 8.751 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

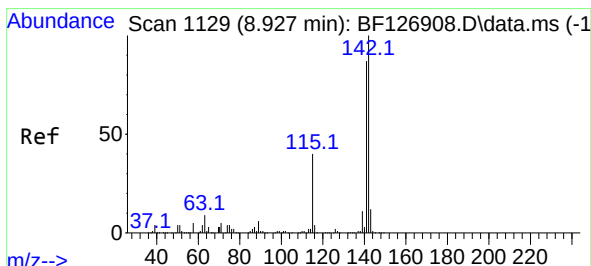
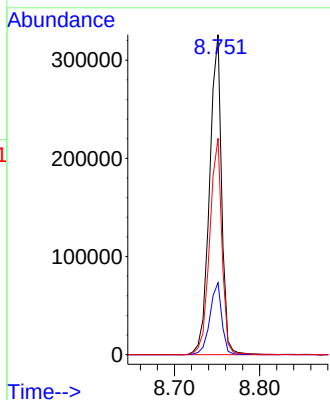
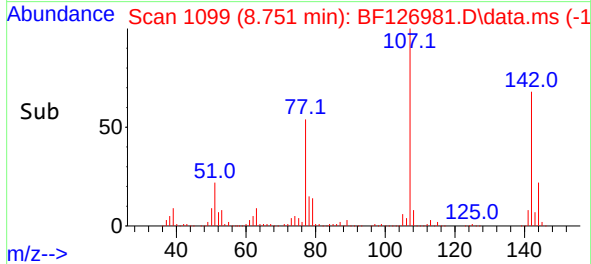
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



Tgt Ion:107 Resp: 321620
Ion Ratio Lower Upper
107 100
144 22.5 18.5 27.7
142 67.6 58.1 87.1

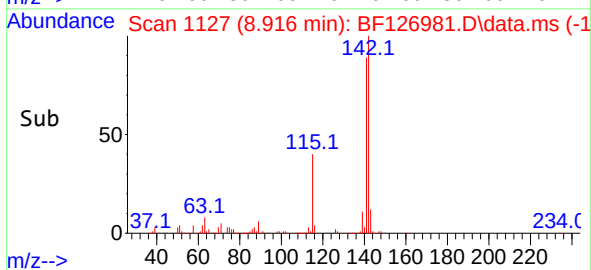
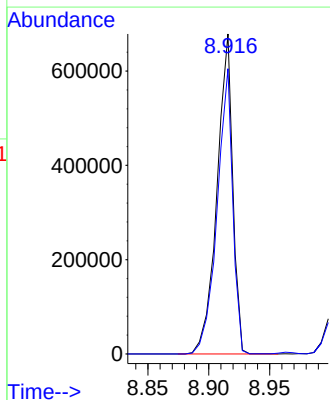
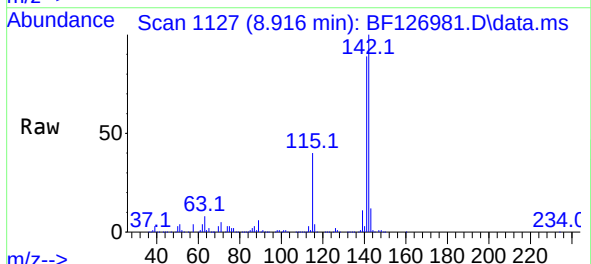
Manual Integrations
APPROVED

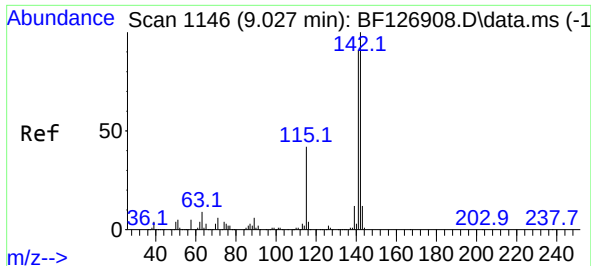
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#37
2-Methylnaphthalene
Concen: 51.929 ng
RT: 8.916 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

Tgt Ion:142 Resp: 612850
Ion Ratio Lower Upper
142 100
141 89.2 68.6 102.8





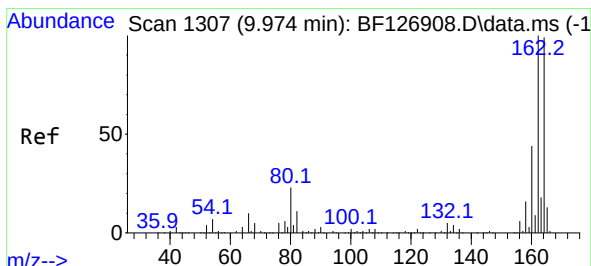
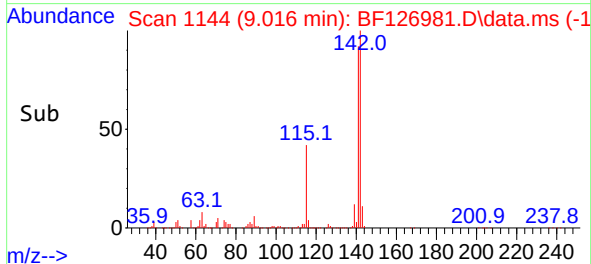
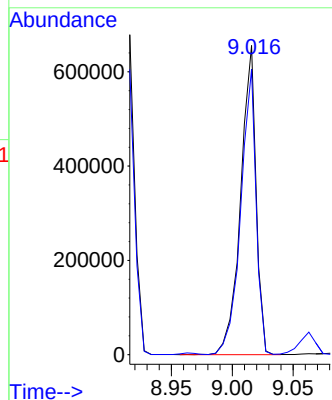
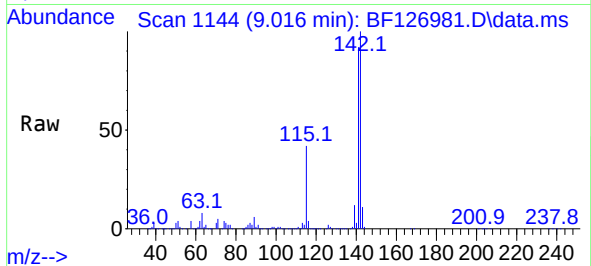
#38
1-Methylnaphthalene
Concen: 51.157 ng
RT: 9.016 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD

Tgt Ion:142 Resp: 57813
Ion Ratio Lower Upper
142 100
141 92.3 72.1 108.1

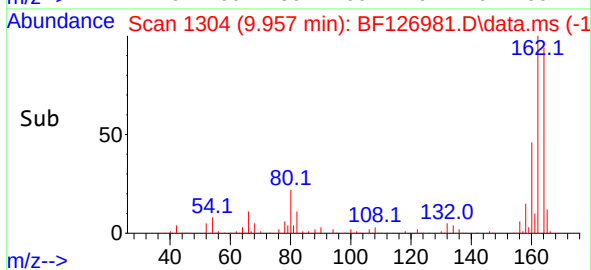
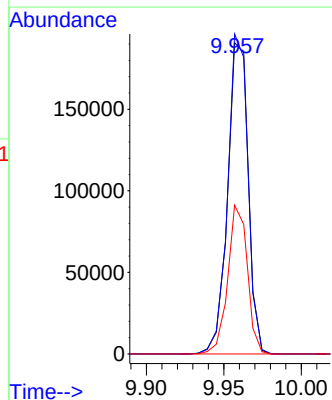
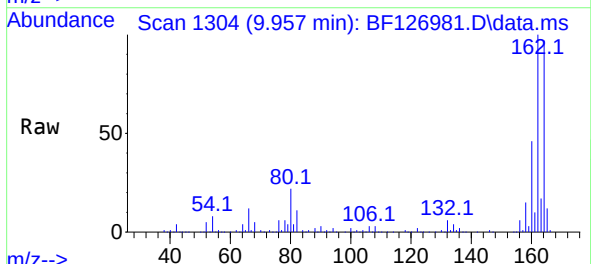
Manual Integrations
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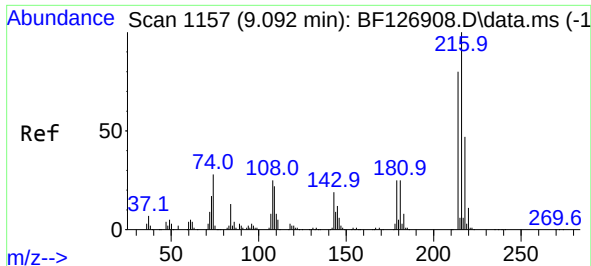
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

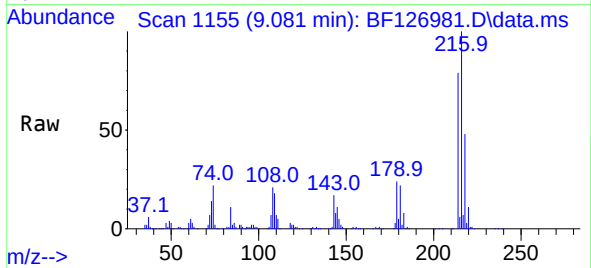
Tgt Ion:164 Resp: 177191
Ion Ratio Lower Upper
164 100
162 102.9 81.4 122.0
160 47.8 36.6 54.8





#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.535 ng
RT: 9.081 min Scan# 1155
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

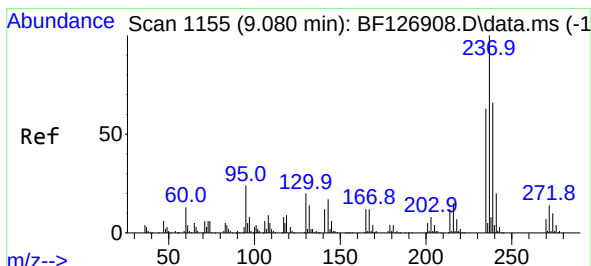
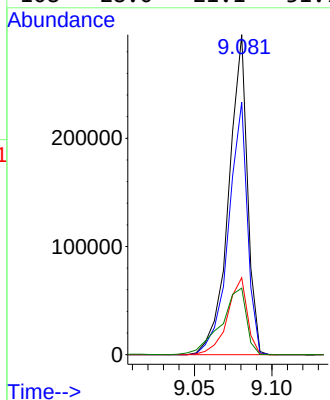
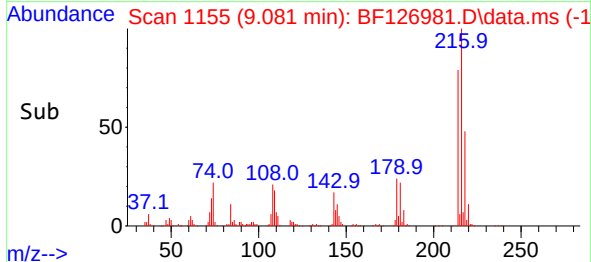
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



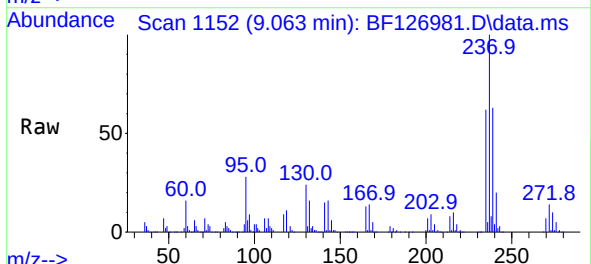
Tgt Ion:216 Resp: 249702
Ion Ratio Lower Upper
216 100
214 79.2 64.6 96.8
179 25.2 19.5 29.3
108 28.0 21.1 31.7

Manual Integrations
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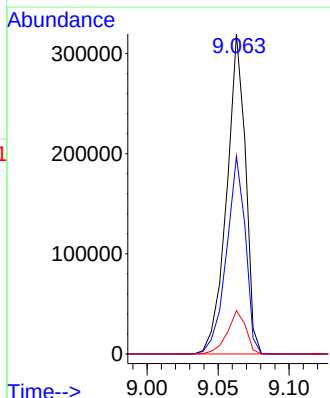
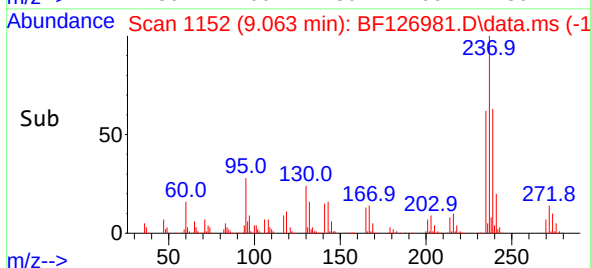
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

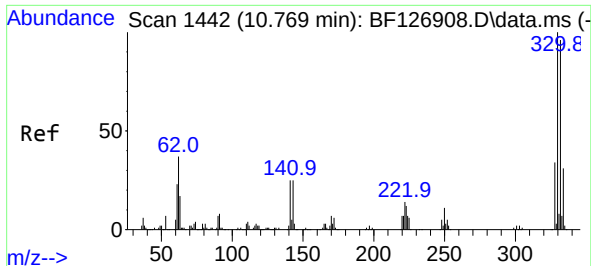


#41
Hexachlorocyclopentadiene
Concen: 116.205 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



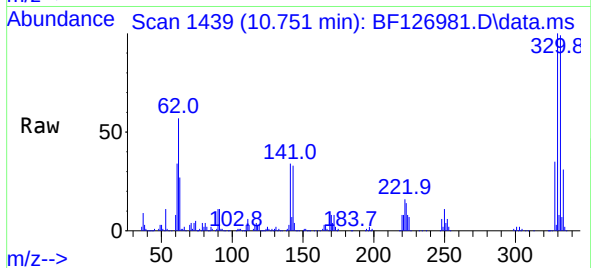
Tgt Ion:237 Resp: 293969
Ion Ratio Lower Upper
237 100
235 61.8 38.9 78.9
272 13.6 0.0 33.5





#42
2,4,6-Tribromophenol
Concen: 109.681 ng
RT: 10.751 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

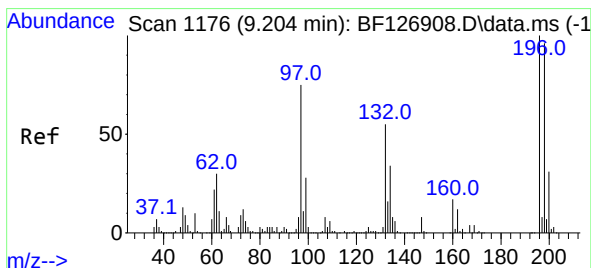
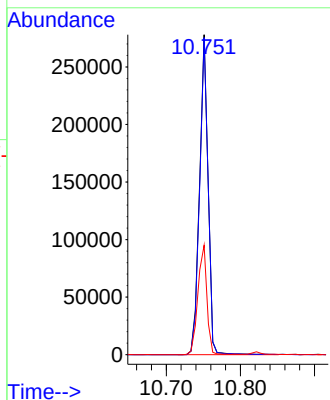
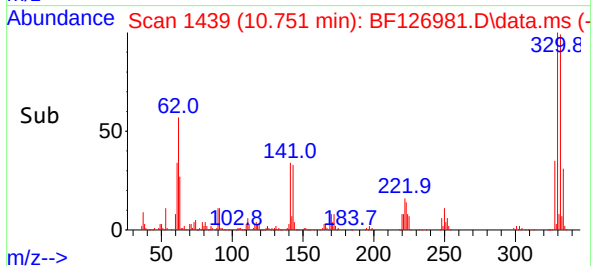
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



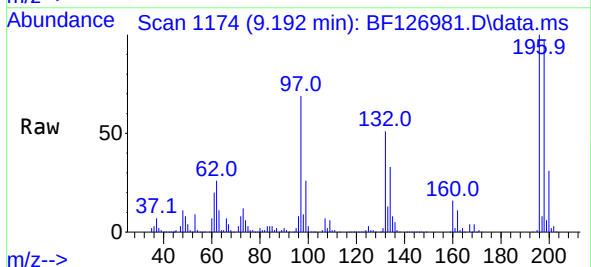
Tgt Ion:330 Resp: 223762
Ion Ratio Lower Upper
330 100
332 98.3 76.0 114.0
141 36.0 30.1 45.1

Manual Integrations
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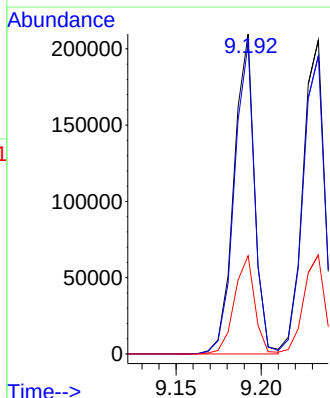
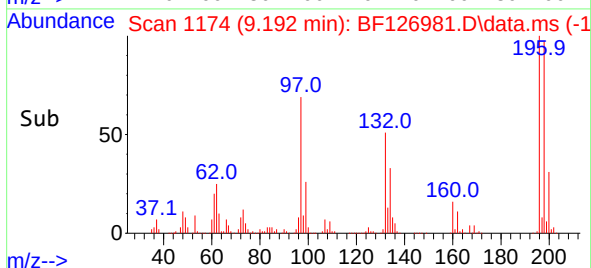
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

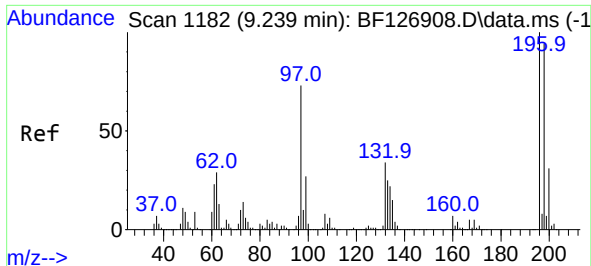


#43
2,4,6-Trichlorophenol
Concen: 51.510 ng
RT: 9.192 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



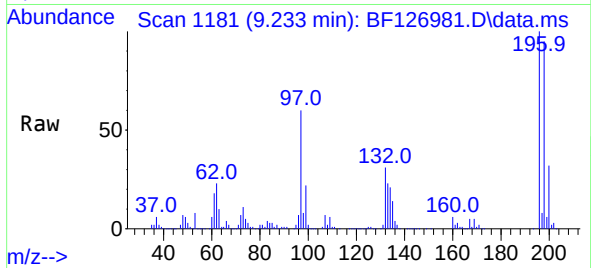
Tgt Ion:196 Resp: 176215
Ion Ratio Lower Upper
196 100
198 97.0 78.5 117.7
200 30.7 24.9 37.3





#44
2,4,5-Trichlorophenol
Concen: 50.812 ng
RT: 9.233 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

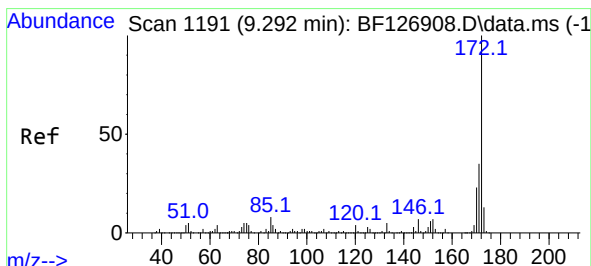
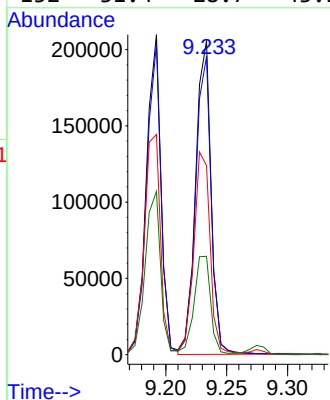
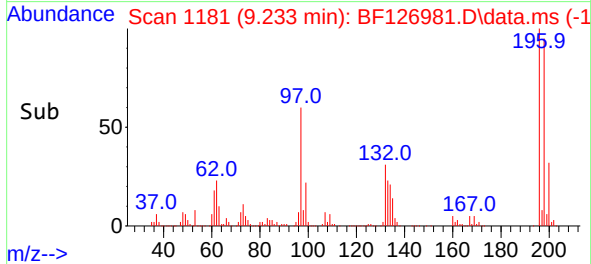
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



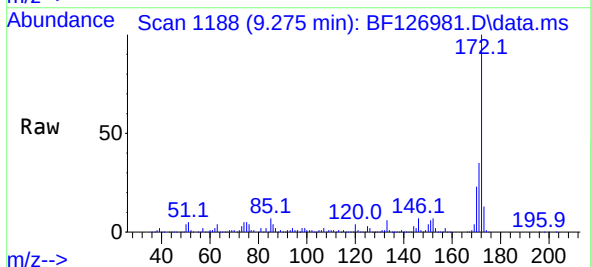
Tgt Ion:196 Resp: 182920
Ion Ratio Lower Upper
196 100
198 95.0 82.0 123.0
97 60.2 53.5 80.3
132 31.4 28.7 43.1

Manual Integrations
APPROVED

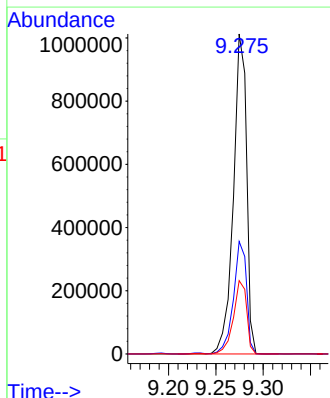
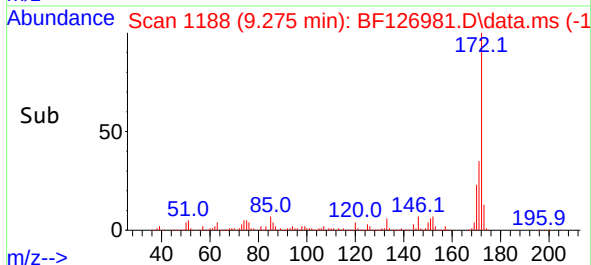
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

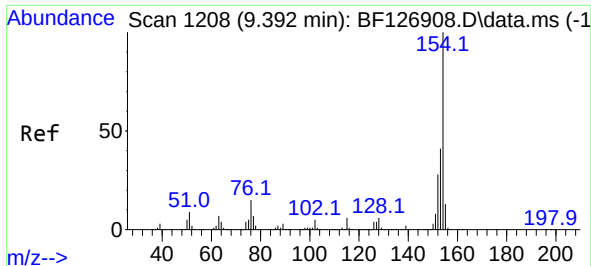


#45
2-Fluorobiphenyl
Concen: 81.149 ng
RT: 9.275 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



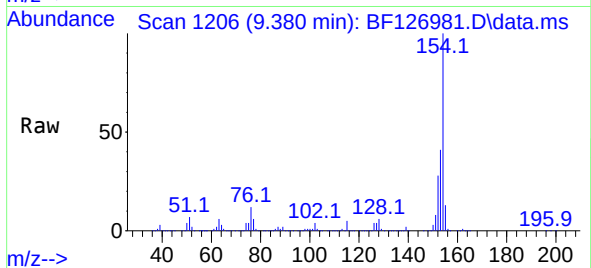
Tgt Ion:172 Resp: 976726
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 22.9 19.0 28.6





#46
1,1'-Biphenyl
Concen: 52.345 ng
RT: 9.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

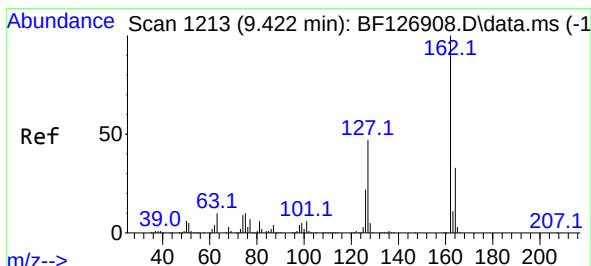
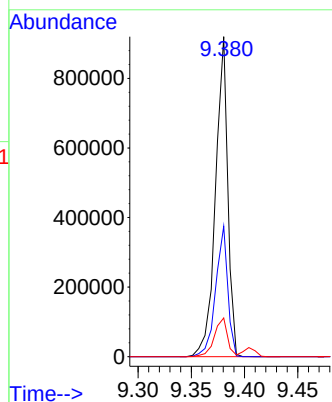
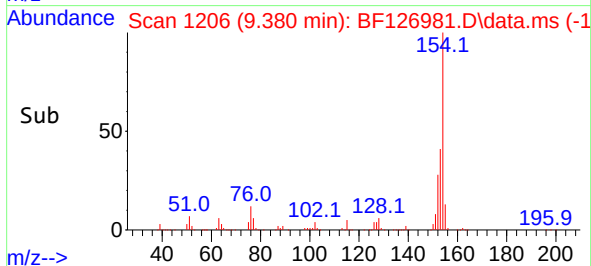
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



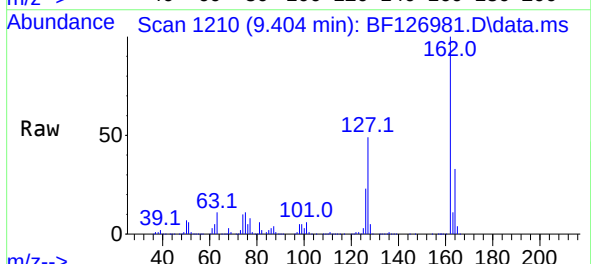
Tgt Ion:154 Resp: 73484
Ion Ratio Lower Upper
154 100
153 40.7 19.0 59.0
76 12.1 0.0 34.5

Manual Integrations
APPROVED

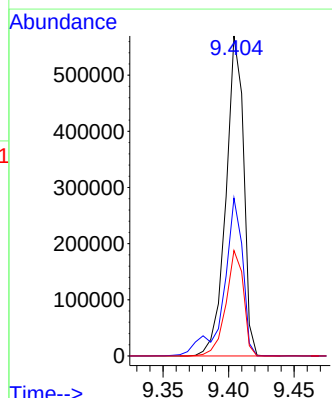
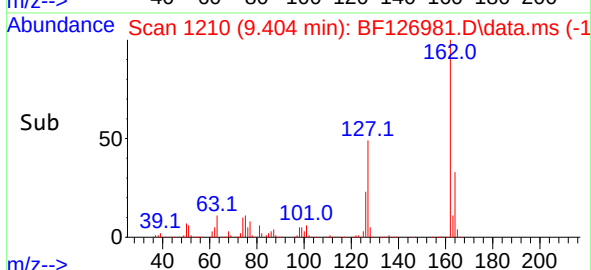
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

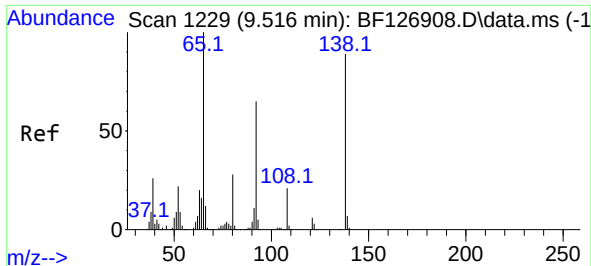


#47
2-Chloronaphthalene
Concen: 51.205 ng
RT: 9.404 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



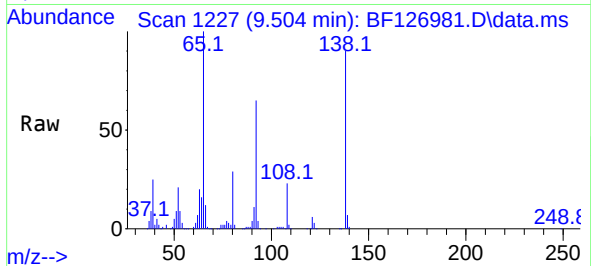
Tgt Ion:162 Resp: 533061
Ion Ratio Lower Upper
162 100
127 49.4 33.5 50.3
164 32.9 26.2 39.4





#48
2-Nitroaniline
Concen: 52.728 ng
RT: 9.504 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

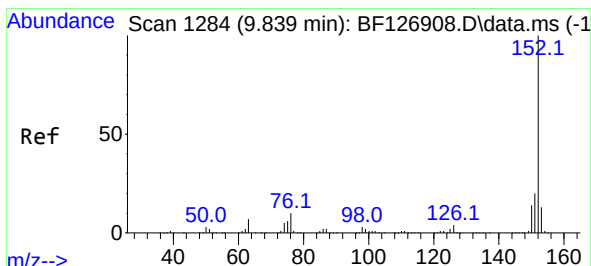
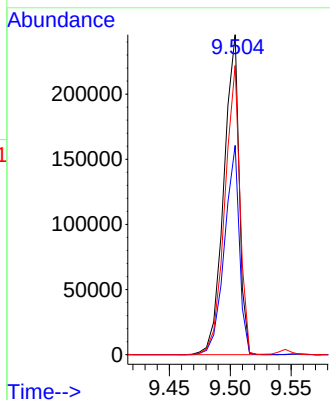
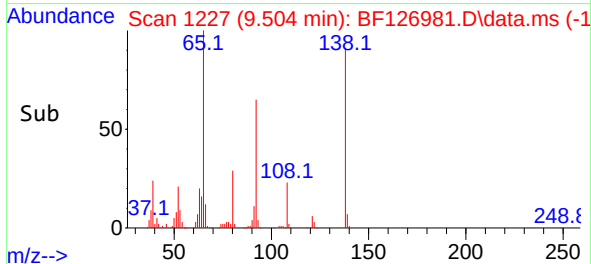
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



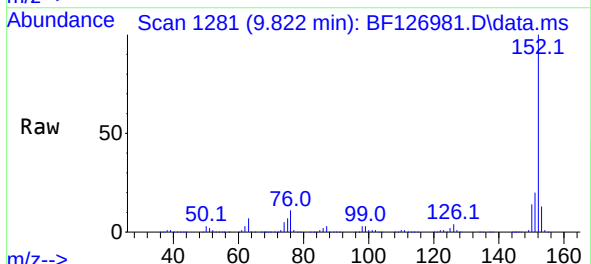
Tgt Ion: 65 Resp: 216612
Ion Ratio Lower Upper
65 100
92 65.4 54.4 81.6
138 90.4 72.5 108.7

Manual Integrations
APPROVED

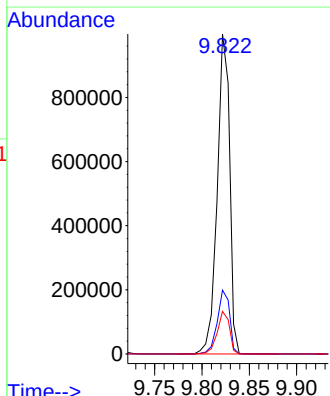
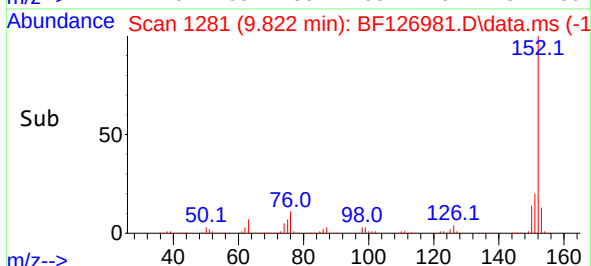
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

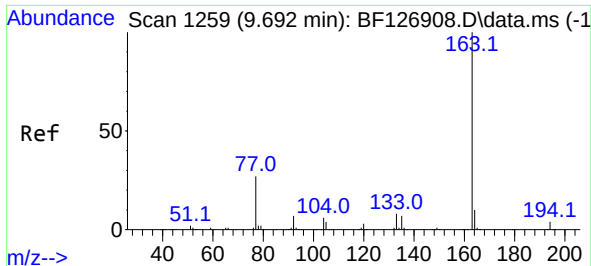


#49
Acenaphthylene
Concen: 53.771 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



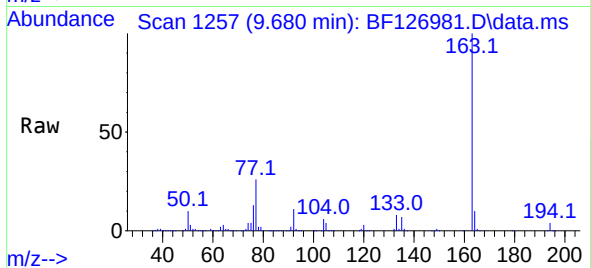
Tgt Ion:152 Resp: 909283
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.3 11.4 17.0





#50
Dimethylphthalate
Concen: 51.571 ng
RT: 9.680 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

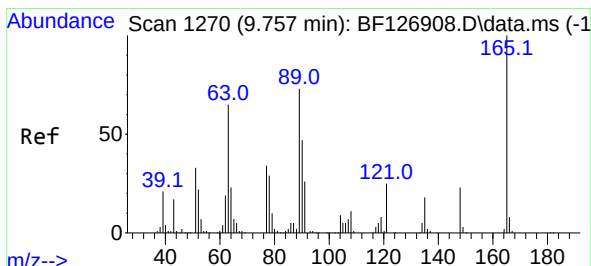
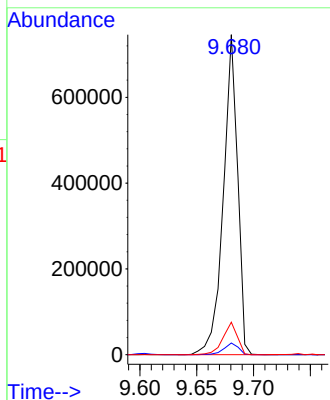
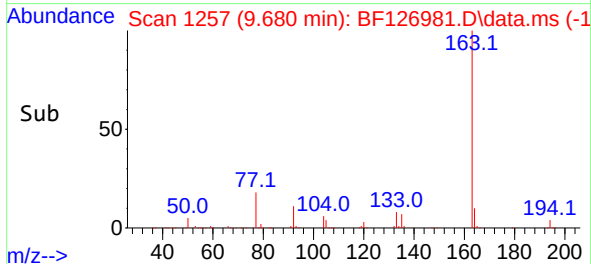
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



Tgt Ion:163 Resp: 65317
Ion Ratio Lower Upper
163 100
194 3.6 2.6 3.8
164 10.1 7.8 11.8

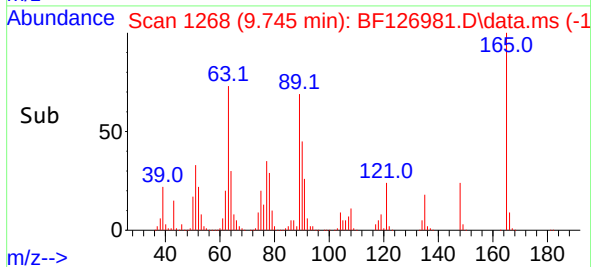
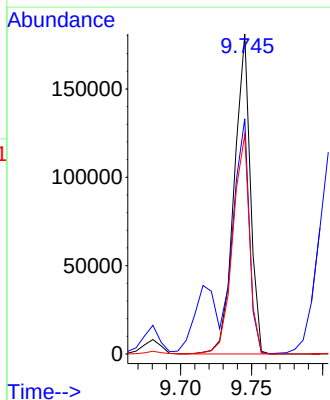
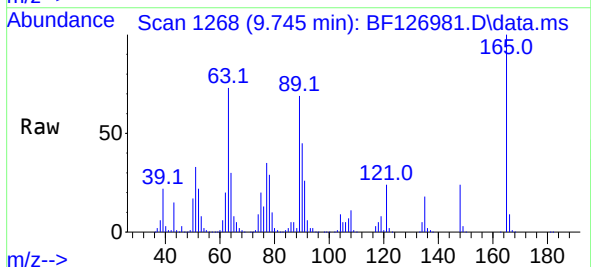
Manual Integrations
APPROVED

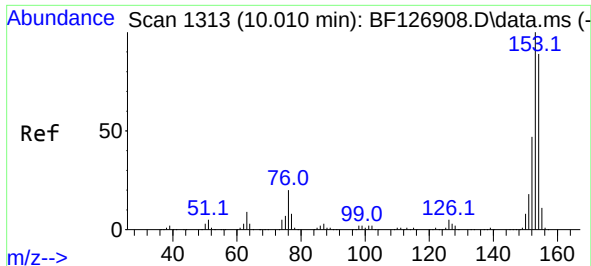
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#51
2,6-Dinitrotoluene
Concen: 55.756 ng
RT: 9.745 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

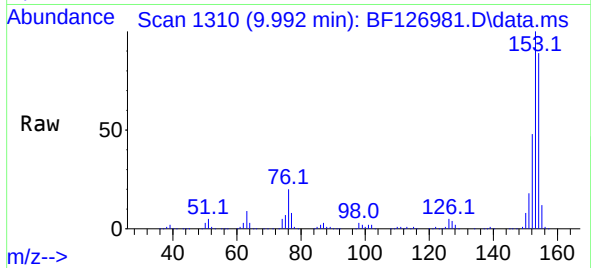
Tgt Ion:165 Resp: 143673
Ion Ratio Lower Upper
165 100
63 73.5 48.4 72.6#
89 68.6 50.5 75.7





#52
Acenaphthene
Concen: 49.412 ng
RT: 9.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

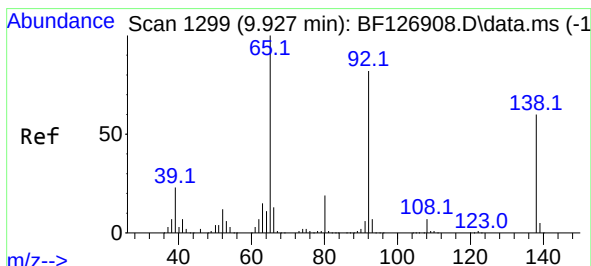
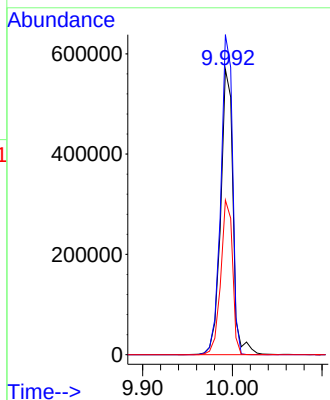
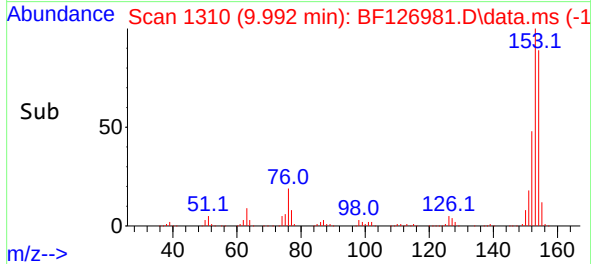
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



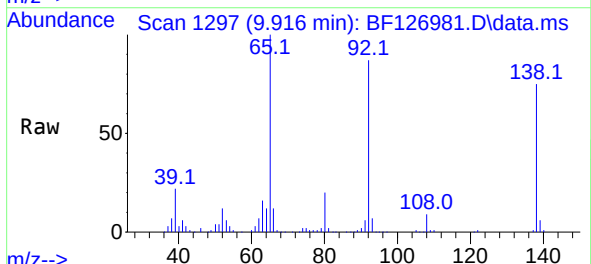
Tgt Ion:154 Resp: 543419
Ion Ratio Lower Upper
154 100
153 112.2 87.8 131.6
152 54.2 39.4 59.2

Manual Integrations
APPROVED

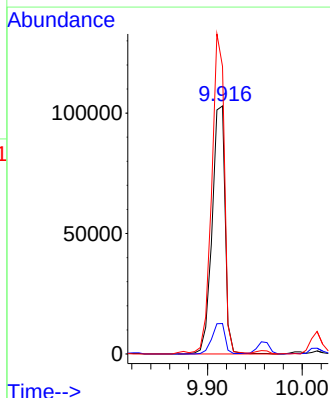
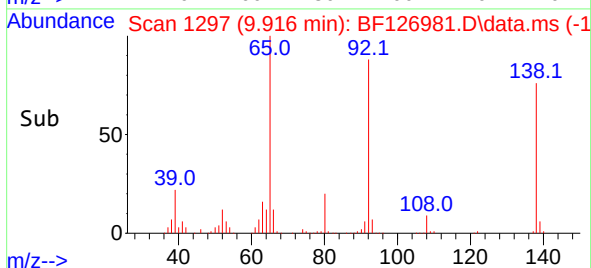
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

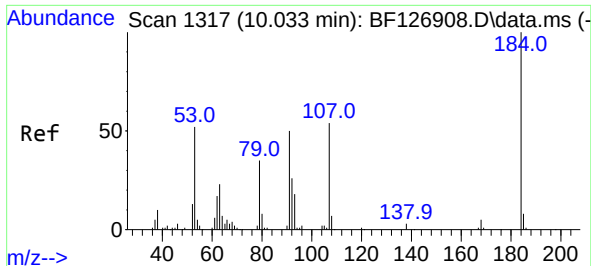


#53
3-Nitroaniline
Concen: 31.181 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



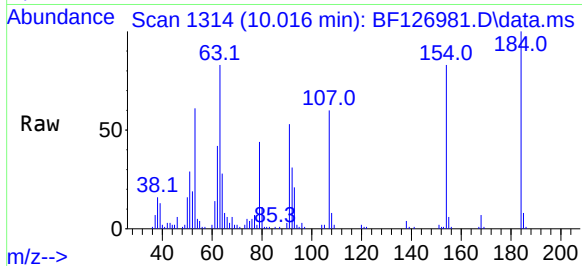
Tgt Ion:138 Resp: 98216
Ion Ratio Lower Upper
138 100
108 12.3 8.6 13.0
92 115.9 105.0 157.6





#54
2,4-Dinitrophenol
Concen: 18.788 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

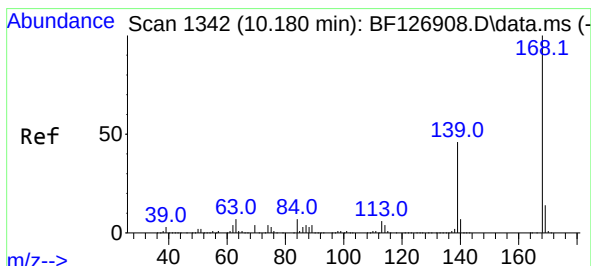
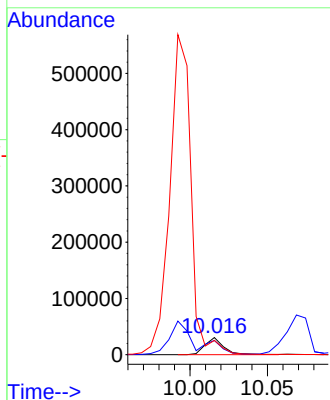
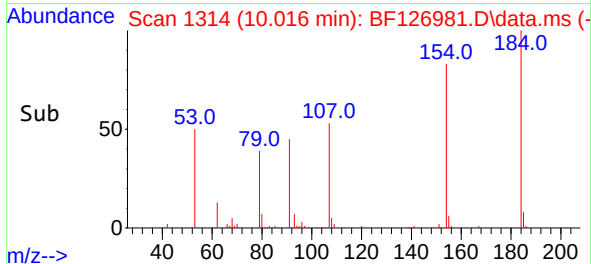
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



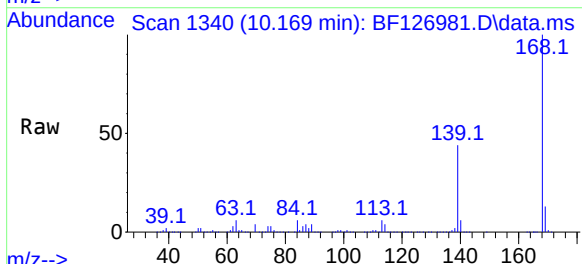
Tgt Ion:184 Resp: 2562
Ion Ratio Lower Upper
184 100
63 83.3 70.4 105.6
154 83.3 49.7 74.5

Manual Integrations
APPROVED

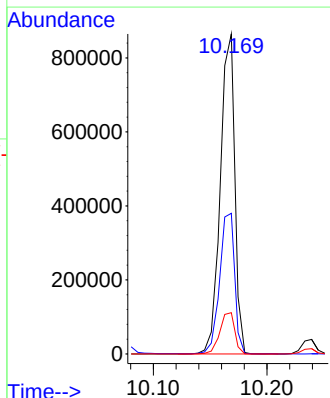
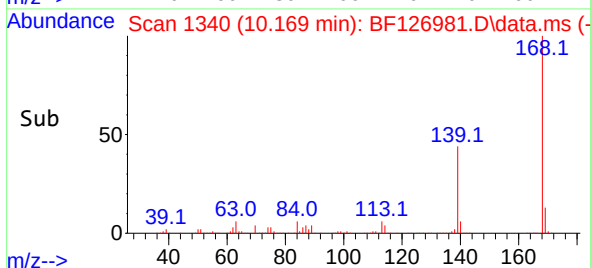
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

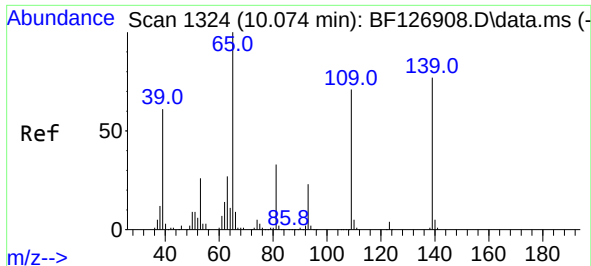


#55
Dibenzofuran
Concen: 50.806 ng
RT: 10.169 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



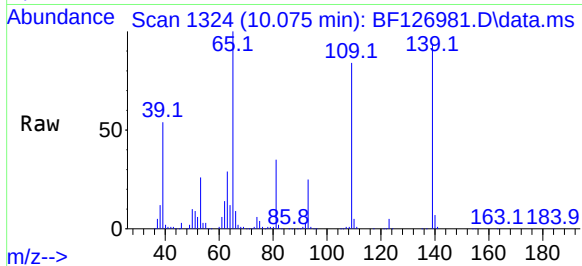
Tgt Ion:168 Resp: 768320
Ion Ratio Lower Upper
168 100
139 44.0 30.6 46.0
169 12.9 10.0 15.0





#56
4-Nitrophenol
Concen: 87.865 ng
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

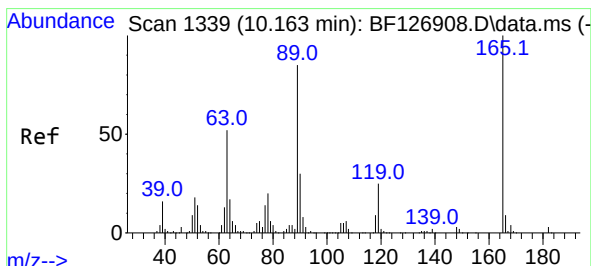
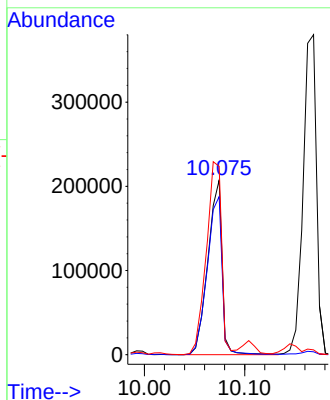
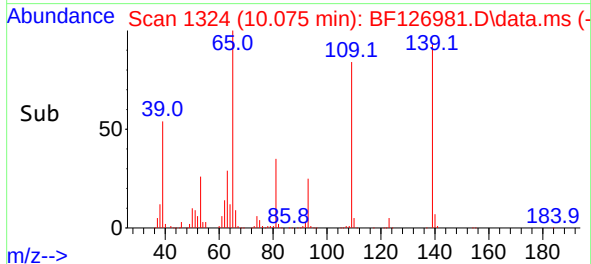
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



Tgt Ion:139 Resp: 204410
Ion Ratio Lower Upper
139 100
109 90.5 44.1 84.1
65 107.9 85.5 125.5

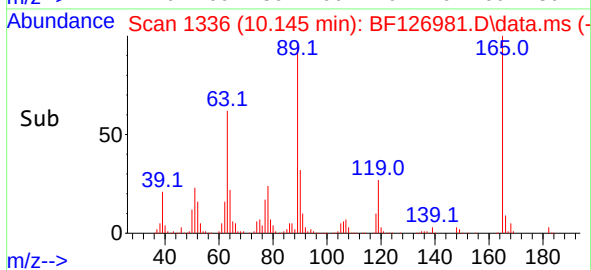
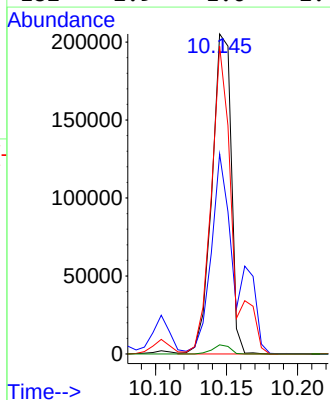
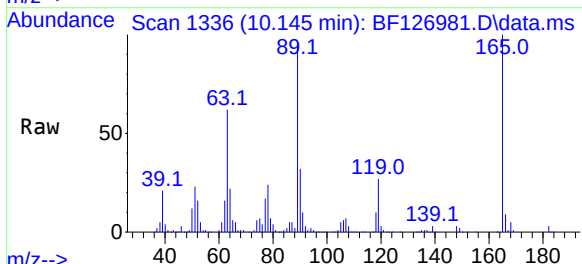
Manual Integrations
APPROVED

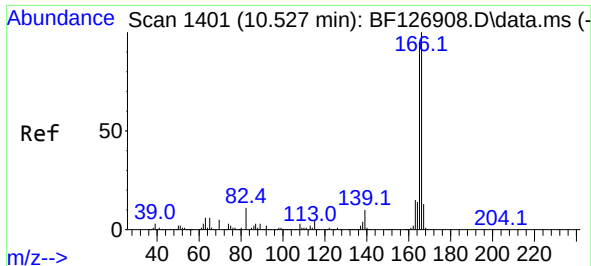
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#57
2,4-Dinitrotoluene
Concen: 55.526 ng
RT: 10.145 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

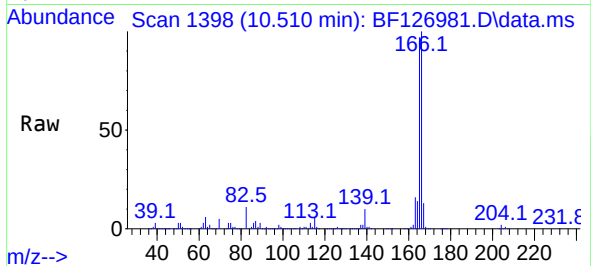
Tgt Ion:165 Resp: 193455
Ion Ratio Lower Upper
165 100
63 62.5 43.0 64.6
89 96.2 71.0 106.4
182 2.9 1.6 2.4#





#58
Fluorene
Concen: 52.094 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

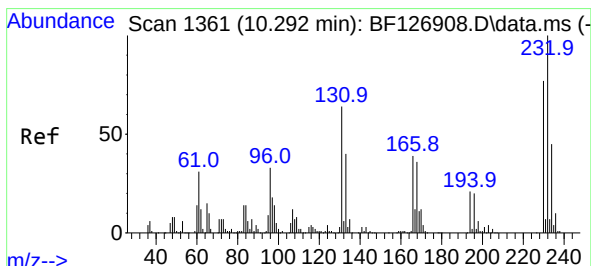
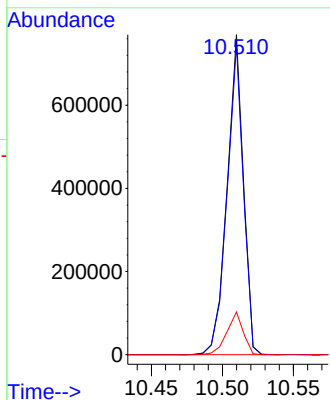
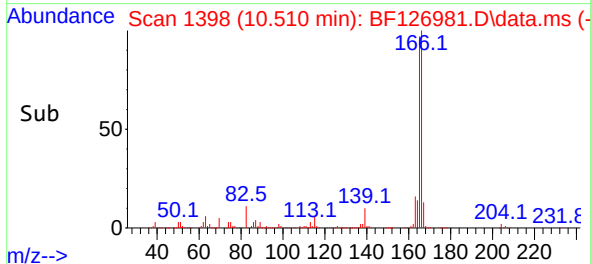
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



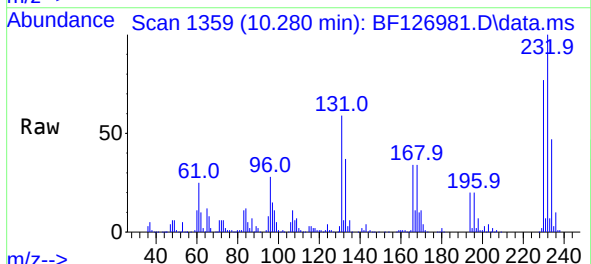
Tgt Ion:166 Resp: 61364
Ion Ratio Lower Upper
166 100
165 96.9 77.7 116.5
167 13.4 10.7 16.1

Manual Integrations
APPROVED

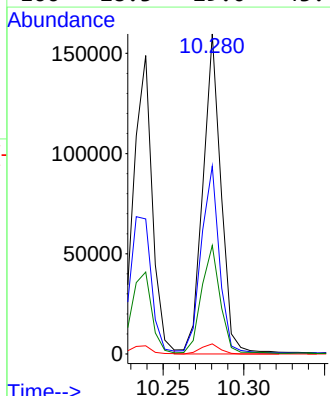
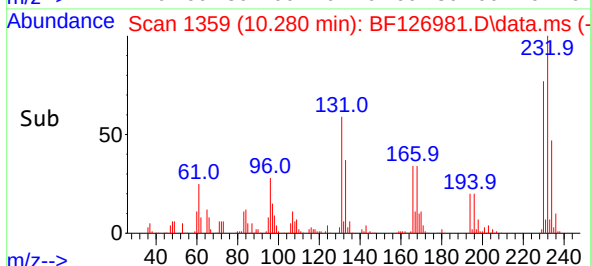
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

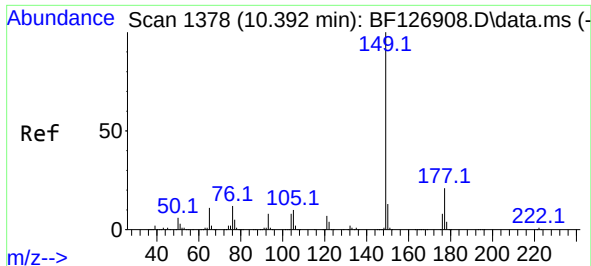


#59
2,3,4,6-Tetrachlorophenol
Concen: 43.884 ng m
RT: 10.280 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



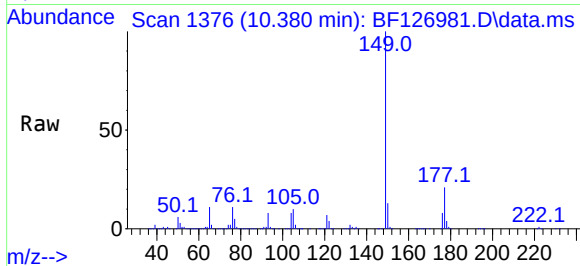
Tgt Ion:232 Resp: 125244
Ion Ratio Lower Upper
232 100
131 50.5 50.0 75.0
130 2.9 2.2 3.2
166 28.3 29.0 43.4#





#60
Diethylphthalate
Concen: 52.102 ng
RT: 10.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

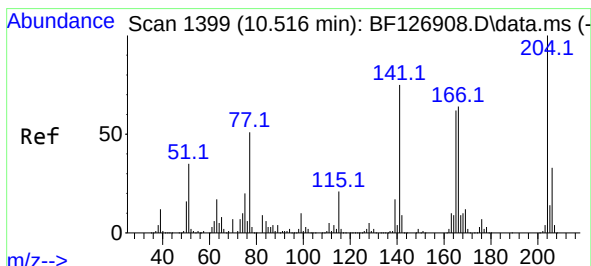
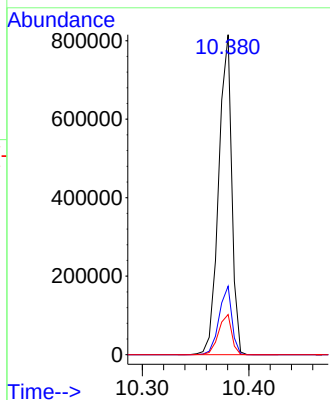
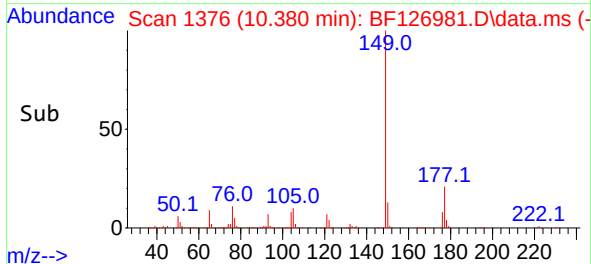
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



Tgt Ion:149 Resp: 689524
Ion Ratio Lower Upper
149 100
177 21.4 16.7 25.1
150 12.5 9.8 14.8

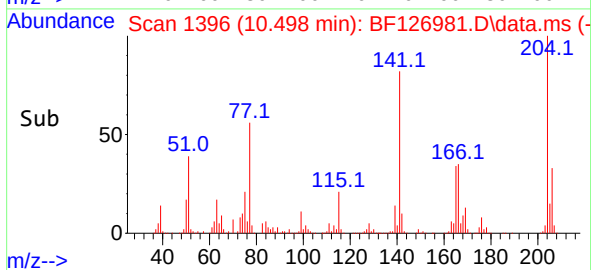
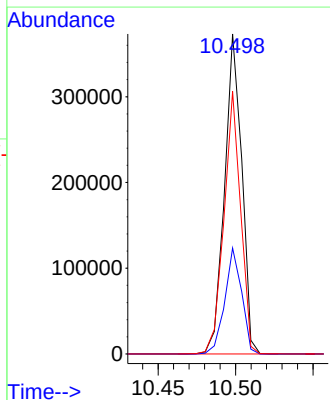
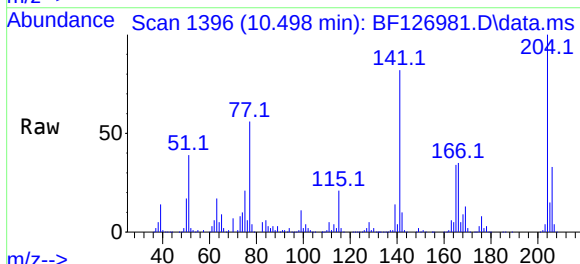
Manual Integrations
APPROVED

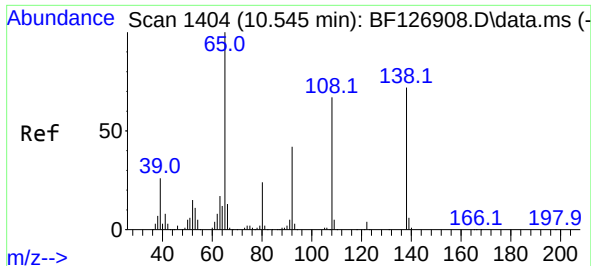
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#61
4-Chlorophenyl-phenylether
Concen: 51.818 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

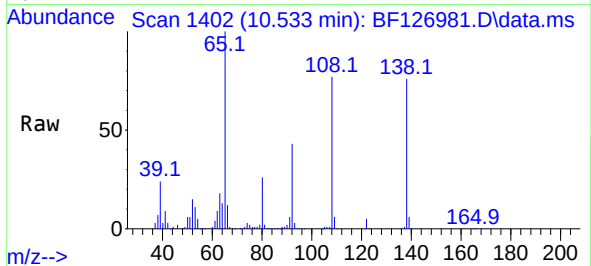
Tgt Ion:204 Resp: 287820
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 82.0 59.0 88.6





#62
4-Nitroaniline
Concen: 48.770 ng
RT: 10.533 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

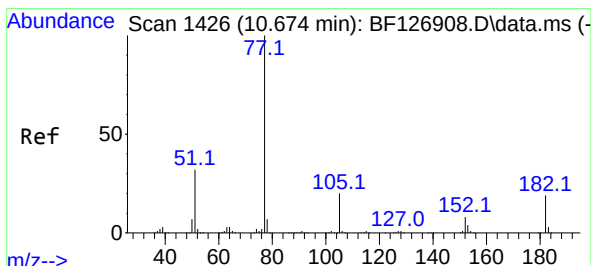
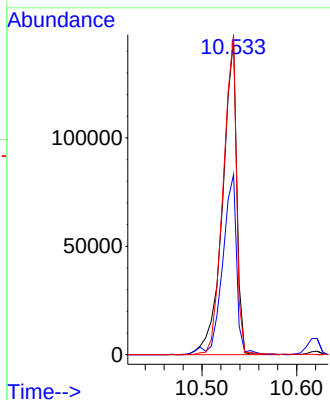
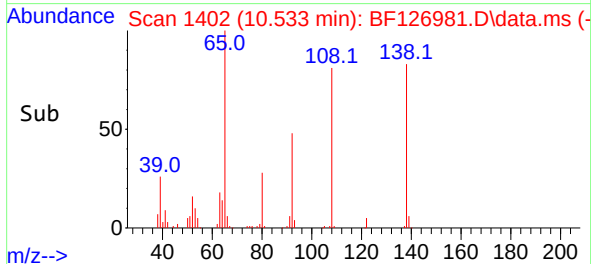
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



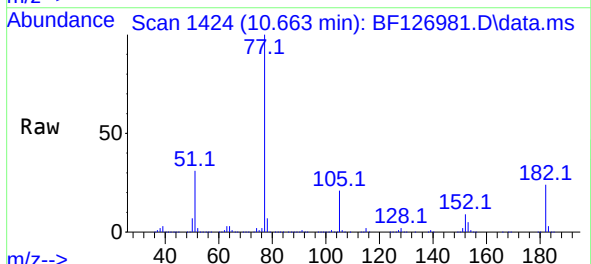
Tgt Ion:138 Resp: 151698
Ion Ratio Lower Upper
138 100
92 57.2 36.2 76.2
108 101.6 46.7 86.7

Manual Integrations
APPROVED

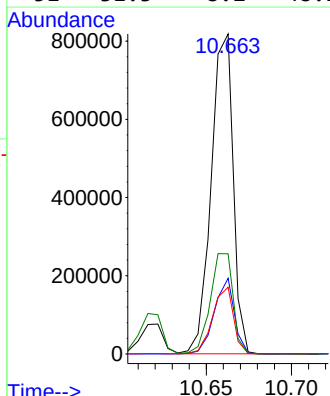
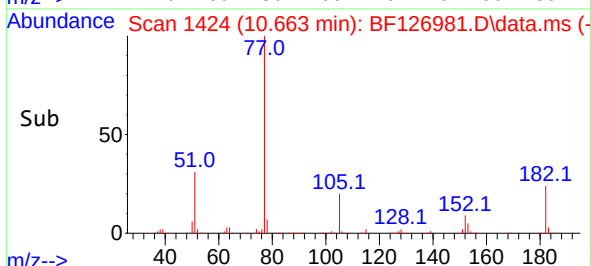
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

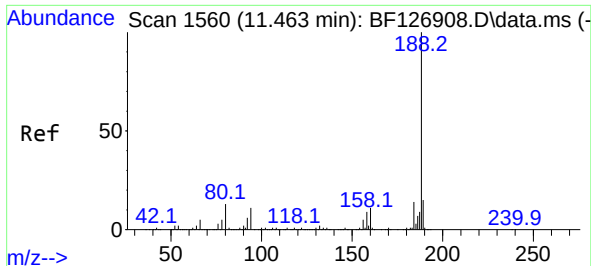


#63
Azobenzene
Concen: 49.855 ng
RT: 10.663 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



Tgt Ion: 77 Resp: 734698
Ion Ratio Lower Upper
77 100
182 23.7 0.0 39.0
105 20.8 3.2 43.2
51 31.3 8.2 48.2





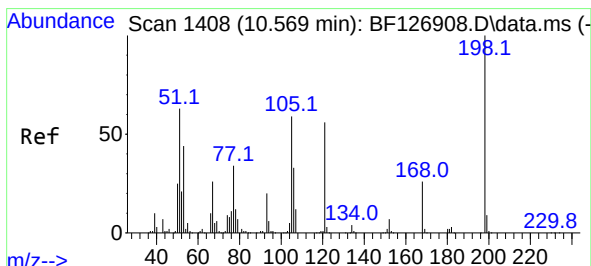
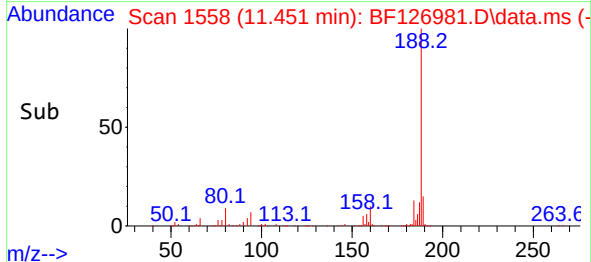
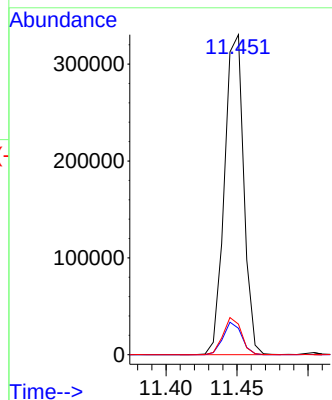
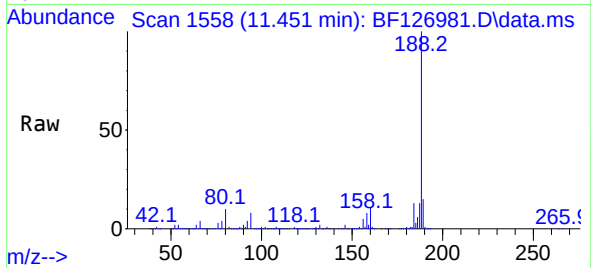
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD

Tgt Ion:188 Resp: 31085
Ion Ratio Lower Upper
188 100
94 8.3 10.1 15.1
80 9.6 11.8 17.6

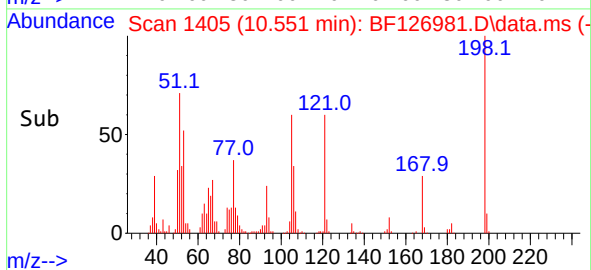
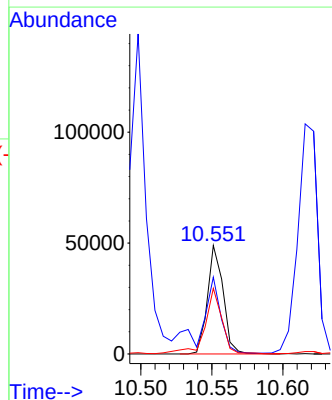
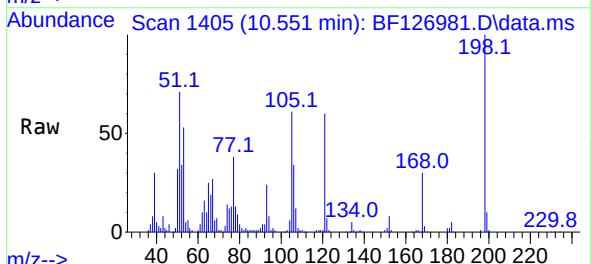
Manual Integrations
APPROVED

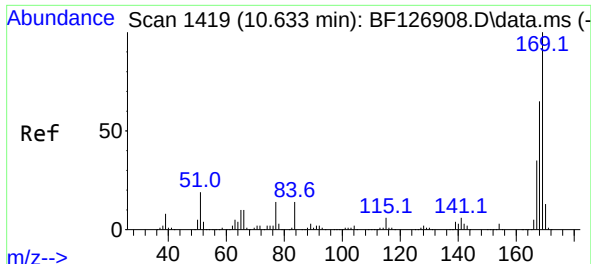
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#65
4,6-Dinitro-2-methylphenol
Concen: 20.612 ng
RT: 10.551 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

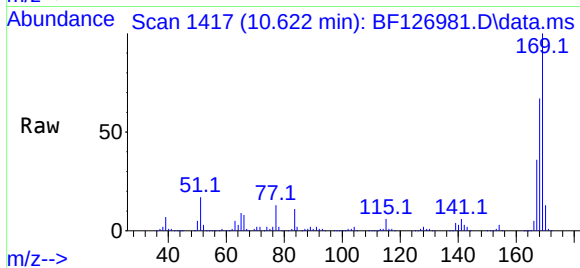
Tgt Ion:198 Resp: 37648
Ion Ratio Lower Upper
198 100
51 70.9 32.0 72.0
105 60.5 32.7 72.7





#66
n-Nitrosodiphenylamine
Concen: 52.394 ng
RT: 10.622 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

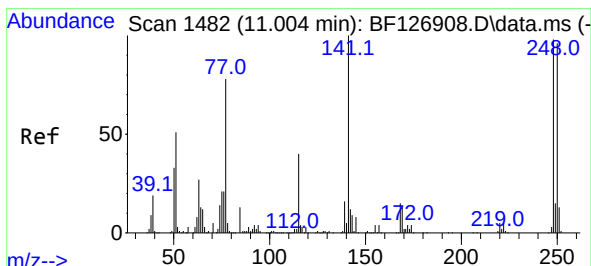
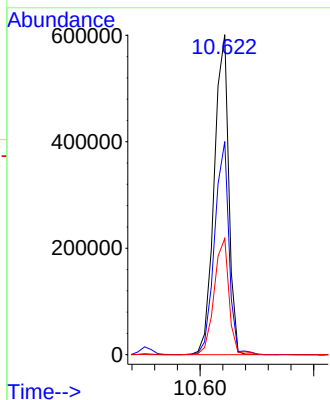
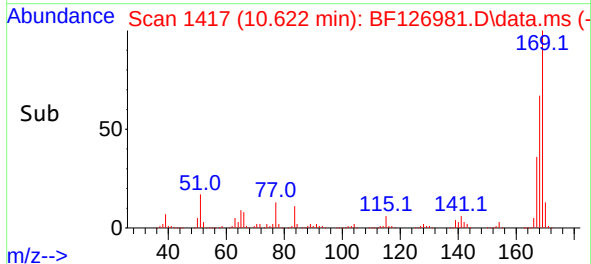
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



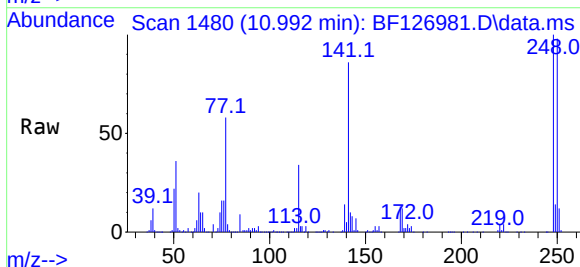
Tgt Ion:169 Resp: 534068
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.0
167 36.3 29.4 44.0

Manual Integrations
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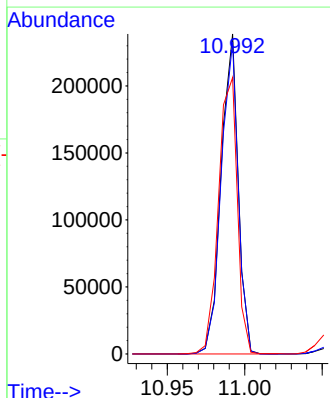
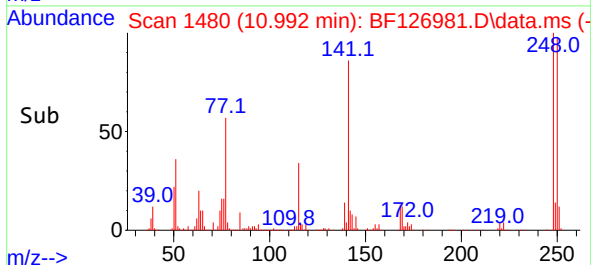
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

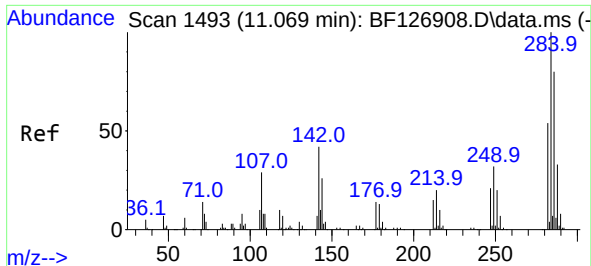


#67
4-Bromophenyl-phenylether
Concen: 52.710 ng
RT: 10.992 min Scan# 1480
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



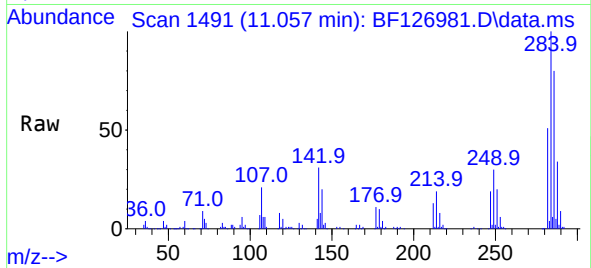
Tgt Ion:248 Resp: 183074
Ion Ratio Lower Upper
248 100
250 97.5 76.2 114.4
141 86.3 66.2 99.4





#68
Hexachlorobenzene
Concen: 54.139 ng
RT: 11.057 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

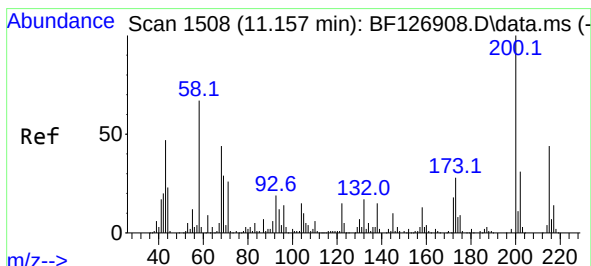
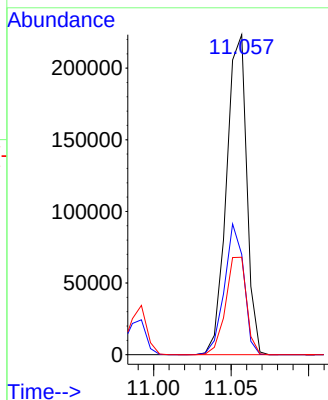
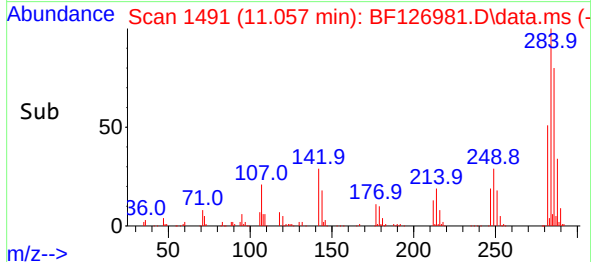
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



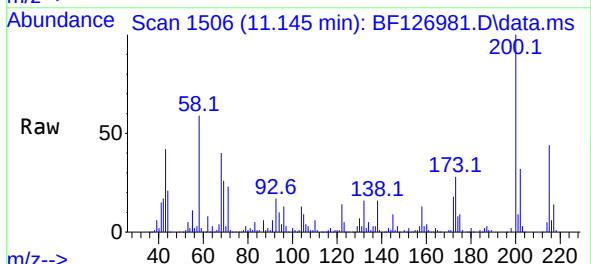
Tgt Ion:284 Resp: 202431
Ion Ratio Lower Upper
284 100
142 31.3 30.7 46.1
249 30.4 21.1 31.7

Manual Integrations
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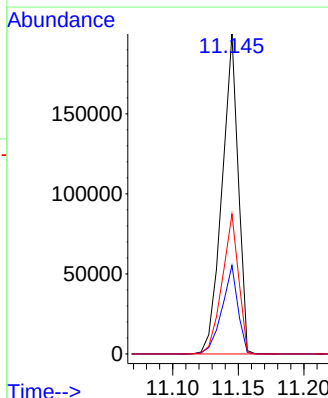
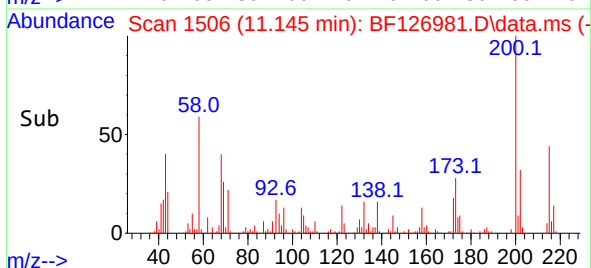
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

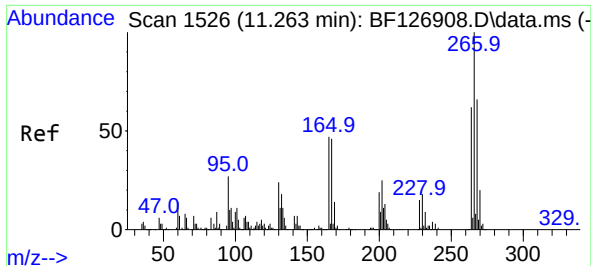


#69
Atrazine
Concen: 54.213 ng
RT: 11.145 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



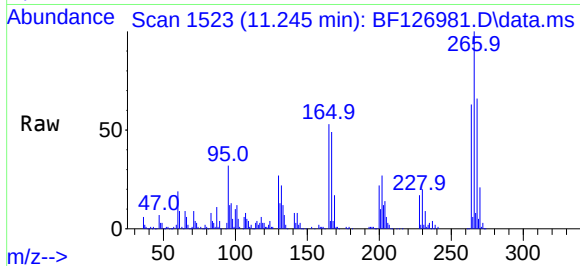
Tgt Ion:200 Resp: 171391
Ion Ratio Lower Upper
200 100
173 27.7 9.2 49.2
215 43.7 23.2 63.2





#70
Pentachlorophenol
Concen: 48.657 ng
RT: 11.245 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

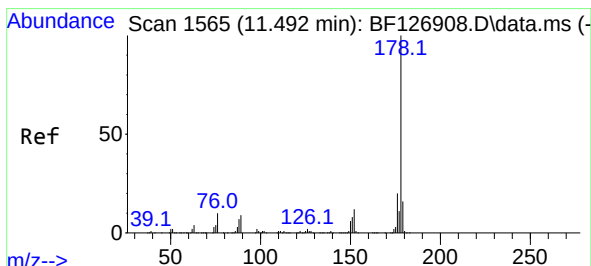
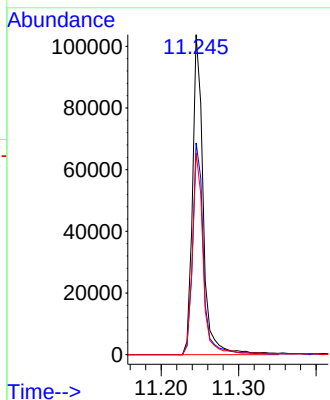
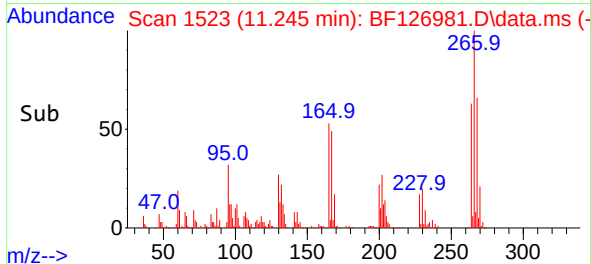
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



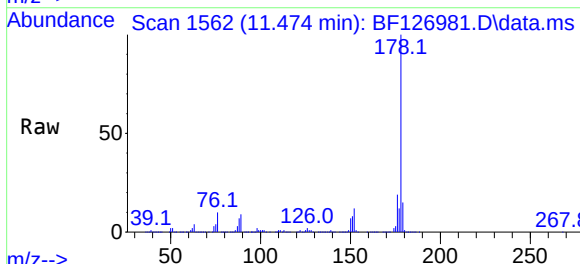
Tgt Ion:266 Resp: 9931
Ion Ratio Lower Upper
266 100
268 66.1 52.3 78.5
264 63.1 50.4 75.6

Manual Integrations
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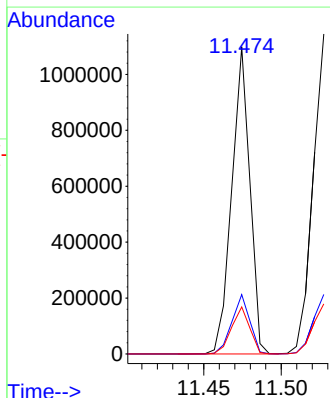
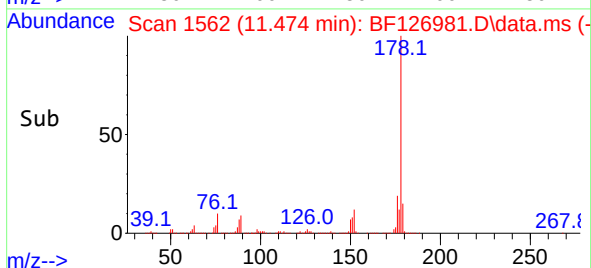
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

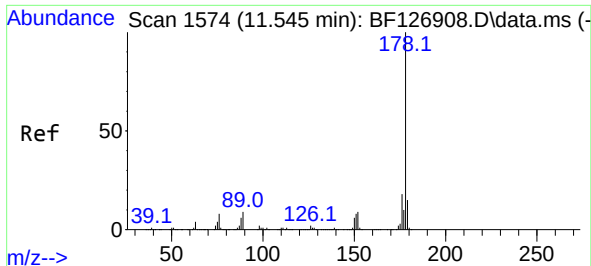


#71
Phenanthrene
Concen: 51.233 ng
RT: 11.474 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



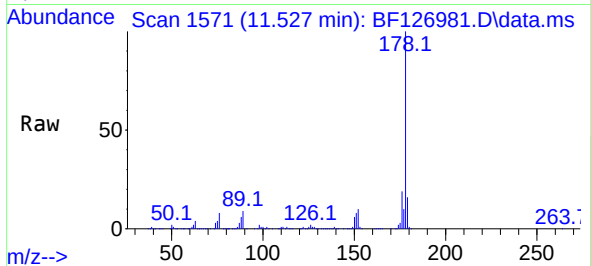
Tgt Ion:178 Resp: 891418
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.3 12.3 18.5





#72
 Anthracene
 Concen: 51.985 ng
 RT: 11.527 min Scan# 1571
 Delta R.T. -0.000 min
 Lab File: BF126981.D
 Acq: 21 Feb 2022 18:55

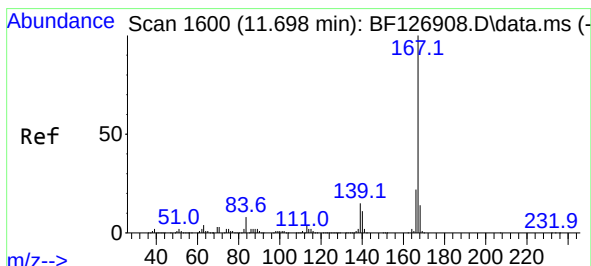
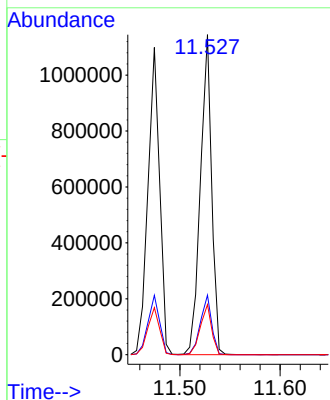
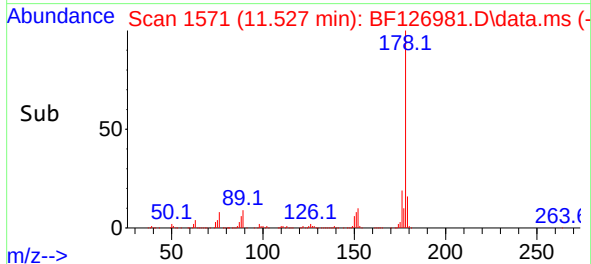
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(9.5-10.0)MSD



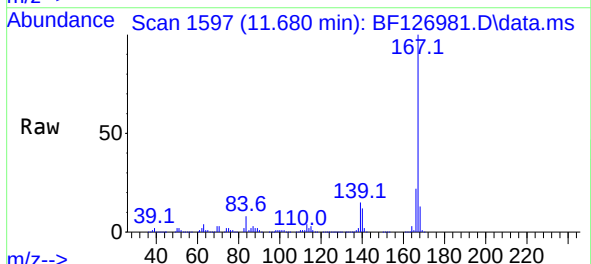
Tgt Ion:178 Resp: 900454
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.0 22.6
 179 15.7 12.5 18.7

Manual Integrations
 APPROVED

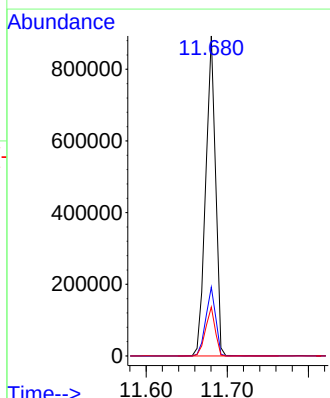
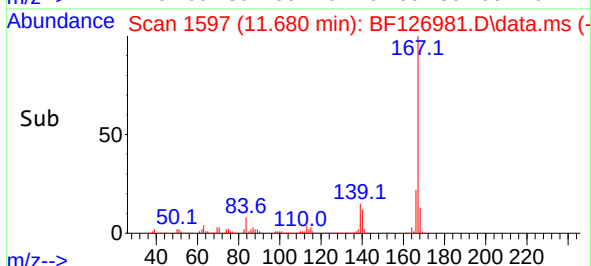
Reviewed By :Christian Giraldo 02/22/2022
 Supervised By :Jagrut Upadhyay 02/22/2022

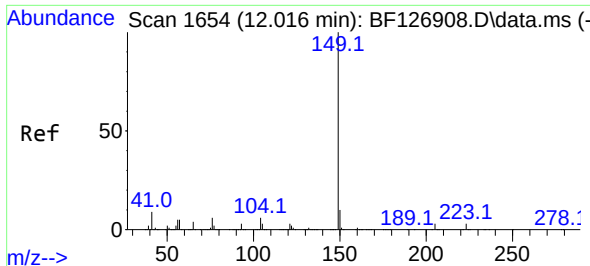


#73
 Carbazole
 Concen: 47.417 ng
 RT: 11.680 min Scan# 1597
 Delta R.T. -0.006 min
 Lab File: BF126981.D
 Acq: 21 Feb 2022 18:55



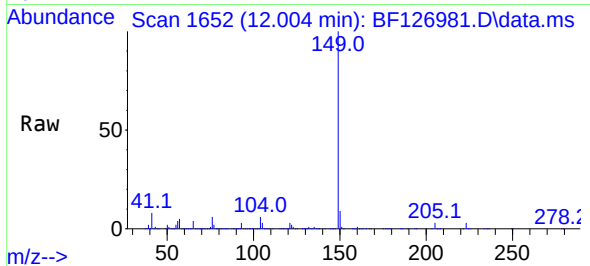
Tgt Ion:167 Resp: 753193
 Ion Ratio Lower Upper
 167 100
 166 21.5 16.9 25.3
 139 15.3 11.3 16.9





#74
Di-n-butylphthalate
Concen: 50.793 ng
RT: 12.004 min Scan# 1652
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

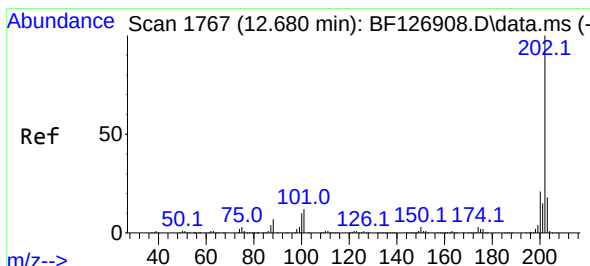
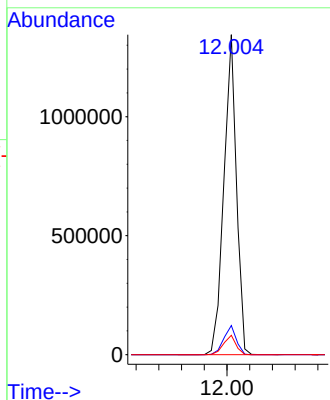
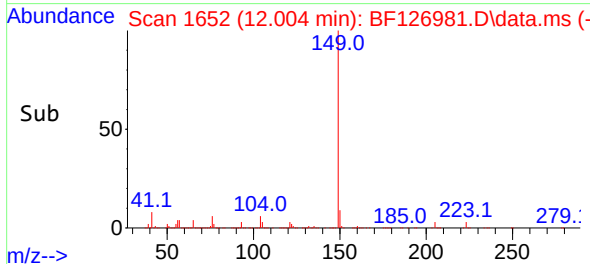
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



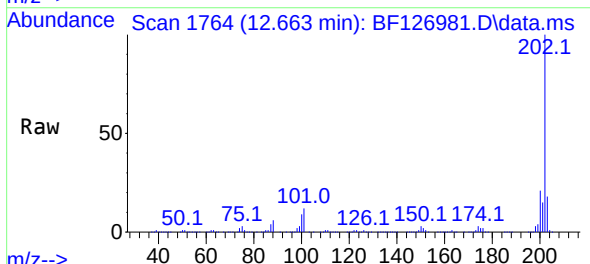
Tgt Ion:149 Resp: 1037233
Ion Ratio Lower Upper
149 100
150 9.1 7.2 10.8
104 6.1 4.2 6.2

Manual Integrations
APPROVED

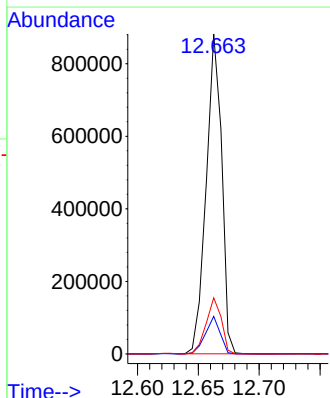
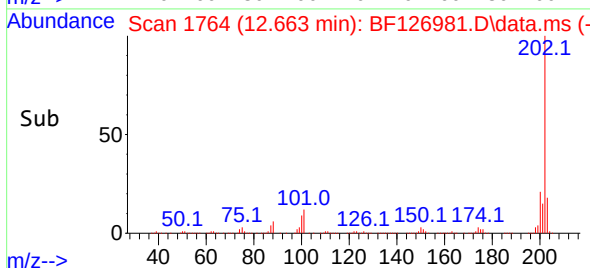
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

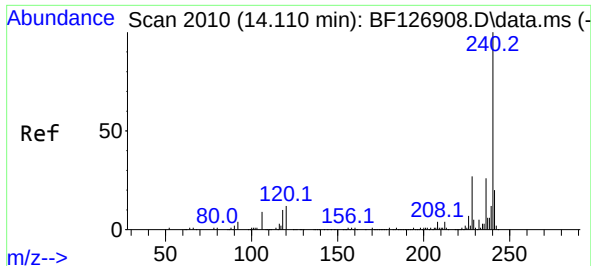


#75
Fluoranthene
Concen: 47.082 ng
RT: 12.663 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



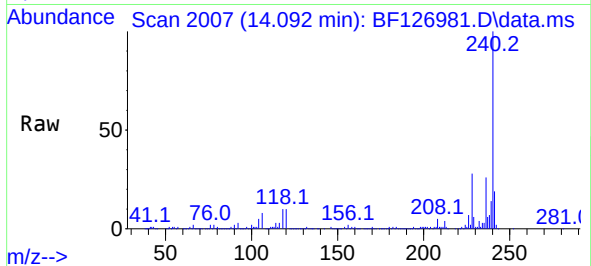
Tgt Ion:202 Resp: 777825
Ion Ratio Lower Upper
202 100
101 11.8 0.0 35.7
203 17.5 0.0 37.1





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

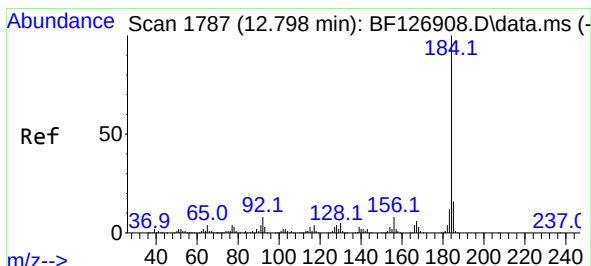
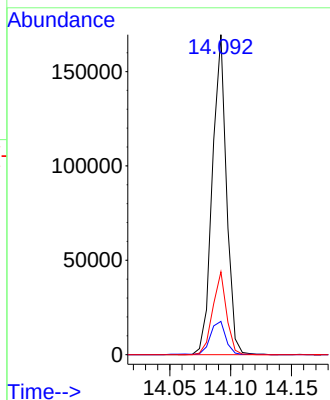
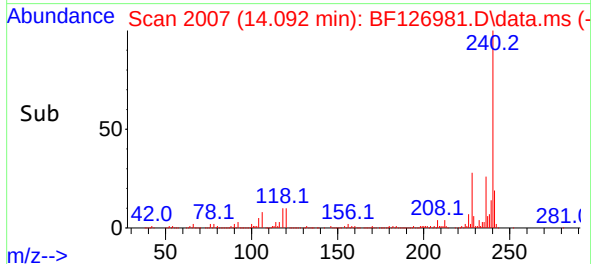
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



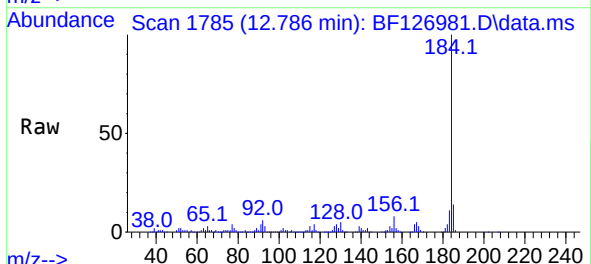
Tgt Ion:240 Resp: 137011
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6
236 25.9 20.5 30.7

Manual Integrations
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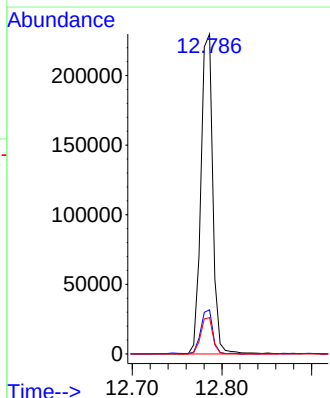
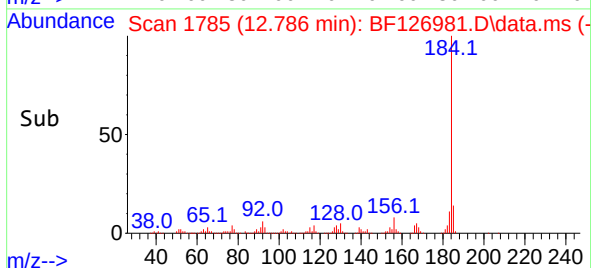
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

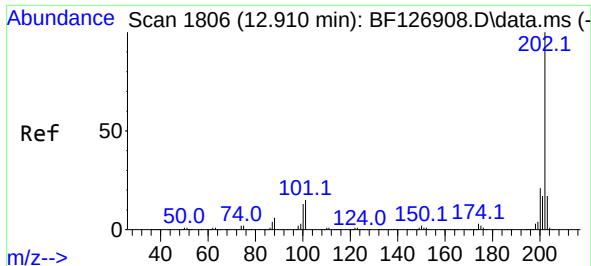


#77
Benzidine
Concen: 56.782 ng
RT: 12.786 min Scan# 1785
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



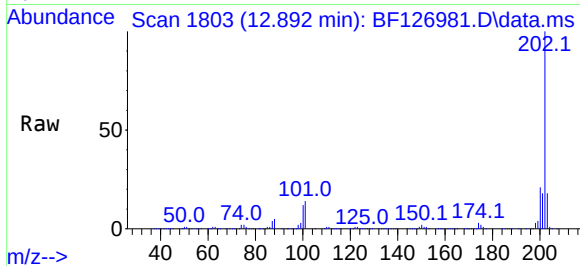
Tgt Ion:184 Resp: 211419
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.8
183 11.4 8.2 12.2





#78
Pyrene
Concen: 63.389 ng
RT: 12.892 min Scan# 1803
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

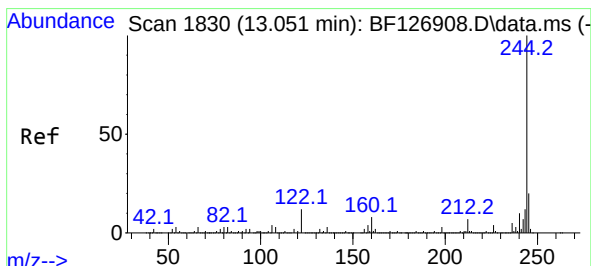
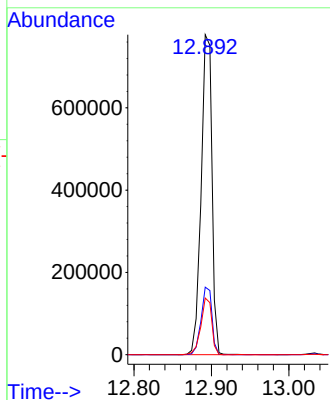
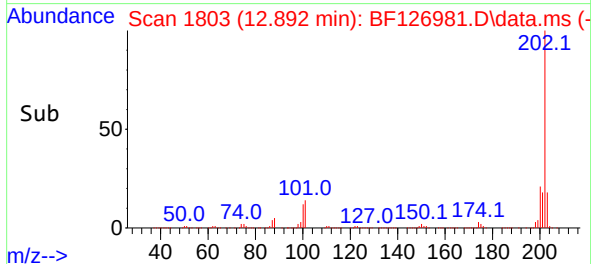
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



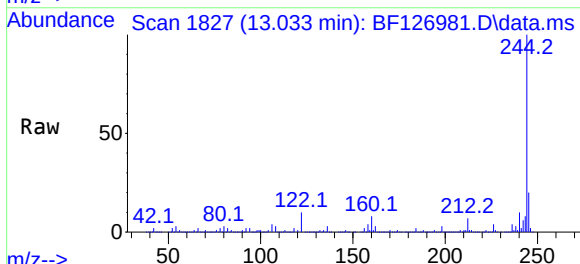
Tgt Ion:202 Resp: 754530
Ion Ratio Lower Upper
202 100
200 21.1 16.6 24.8
203 17.7 13.8 20.8

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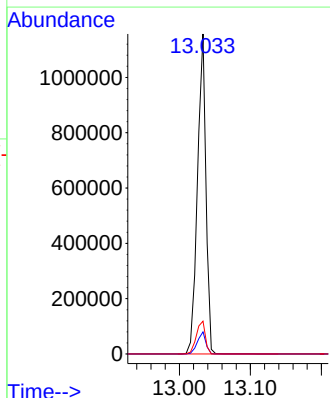
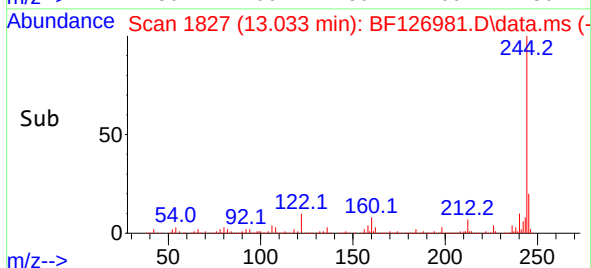
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

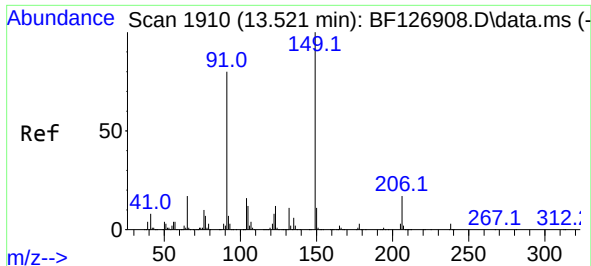


#79
Terphenyl-d14
Concen: 102.871 ng
RT: 13.033 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



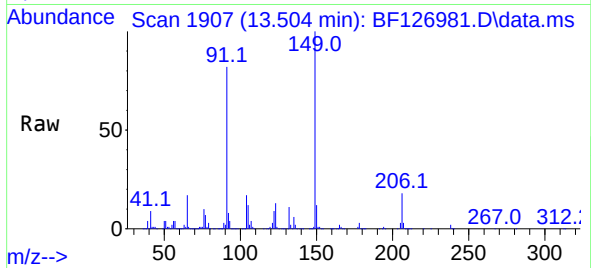
Tgt Ion:244 Resp: 958781
Ion Ratio Lower Upper
244 100
212 6.9 5.0 7.4
122 10.3 13.3 19.9#





#80
Butylbenzylphthalate
Concen: 58.329 ng
RT: 13.504 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

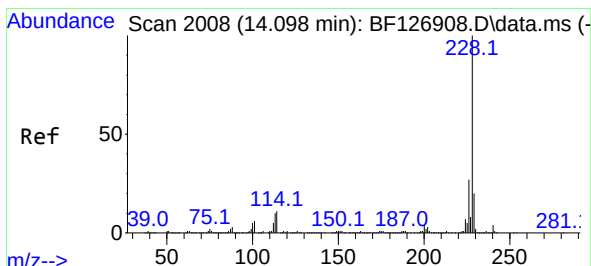
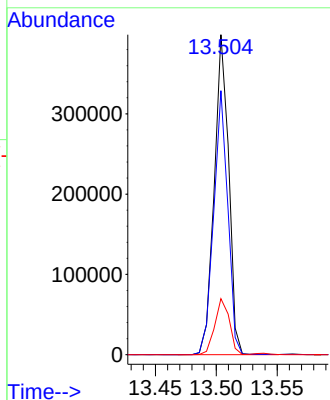
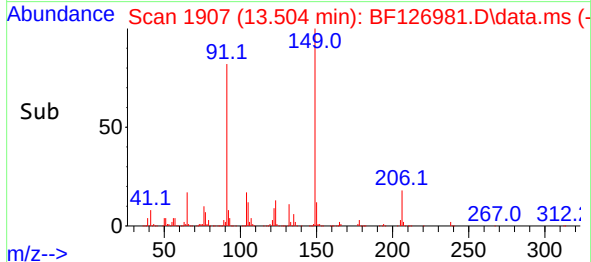
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



Tgt Ion:149 Resp: 328694
Ion Ratio Lower Upper
149 100
91 82.5 70.5 105.7
206 17.5 12.6 19.0

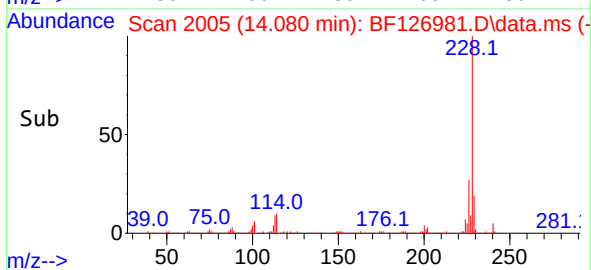
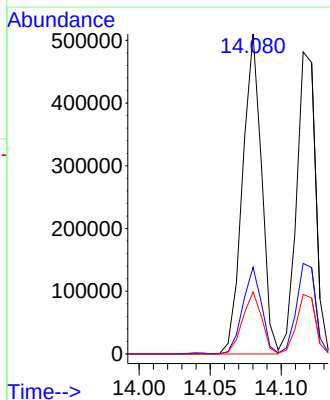
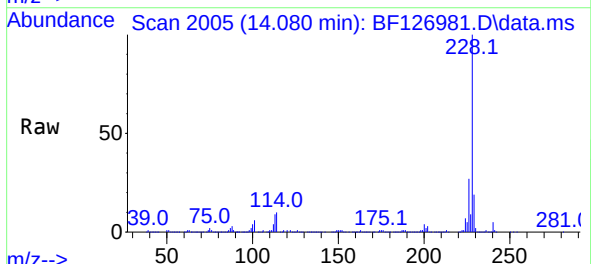
Manual Integrations
APPROVED

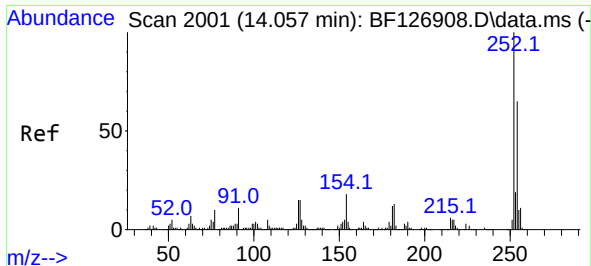
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022



#81
Benzo(a)anthracene
Concen: 51.512 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

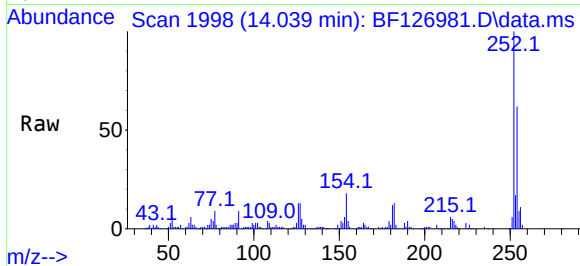
Tgt Ion:228 Resp: 475802
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.0
229 19.3 15.4 23.2





#82
3,3'-Dichlorobenzidine
Concen: 25.392 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

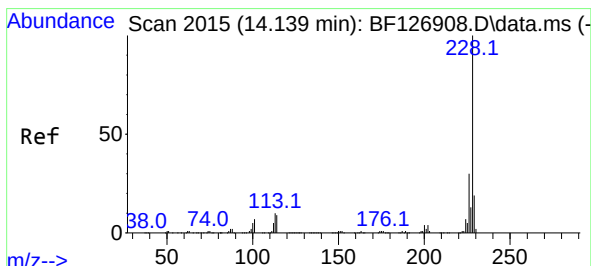
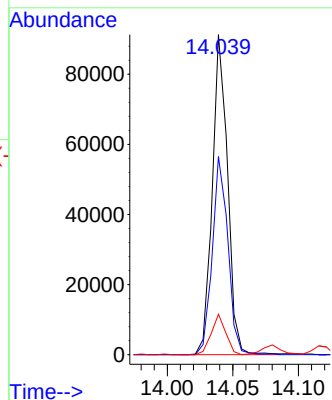
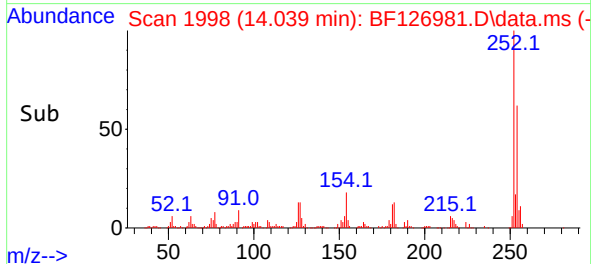
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



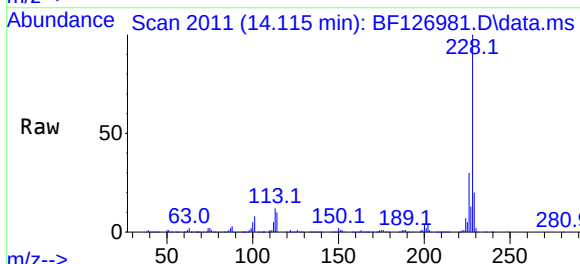
Tgt Ion:252 Resp: 73910
Ion Ratio Lower Upper
252 100
254 61.9 51.0 76.4
126 12.6 13.4 20.0

Manual Integrations
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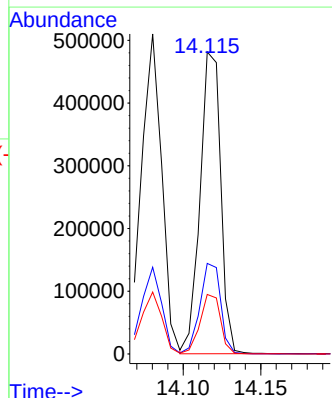
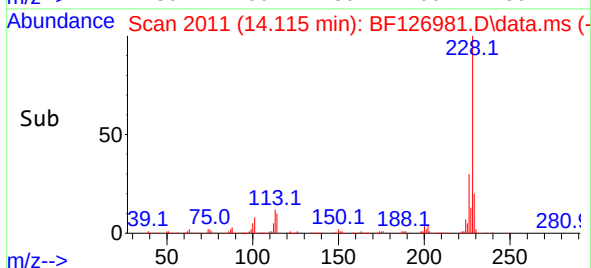
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

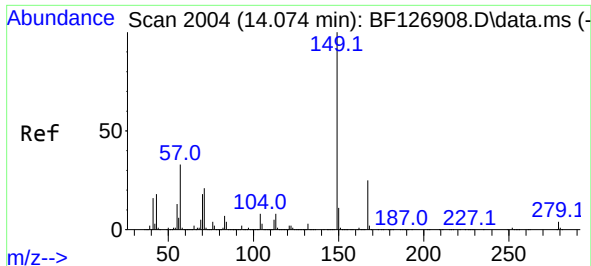


#83
Chrysene
Concen: 51.378 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



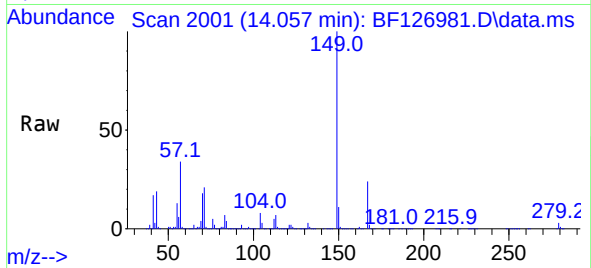
Tgt Ion:228 Resp: 446269
Ion Ratio Lower Upper
228 100
226 30.0 23.7 35.5
229 19.7 15.5 23.3





#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.845 ng
 RT: 14.057 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: BF126981.D
 Acq: 21 Feb 2022 18:55

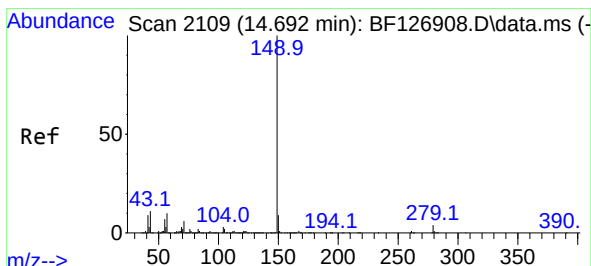
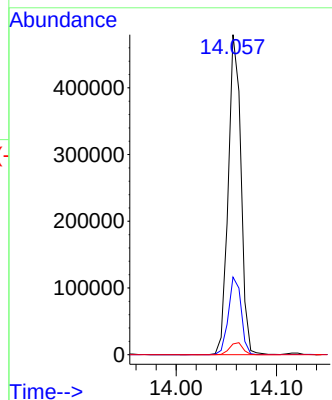
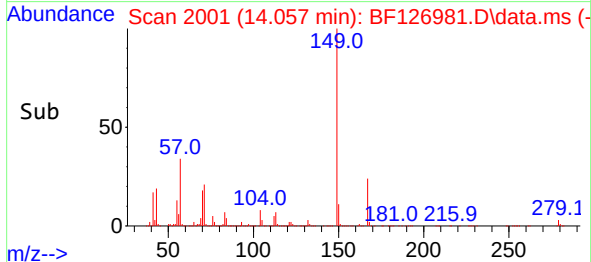
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(9.5-10.0)MSD



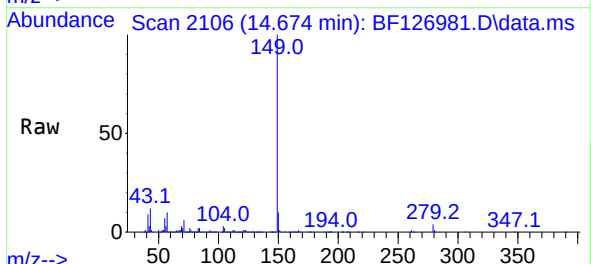
Tgt Ion:149 Resp: 420559
 Ion Ratio Lower Upper
 149 100
 167 24.3 21.4 32.2
 279 3.4 2.4 3.6

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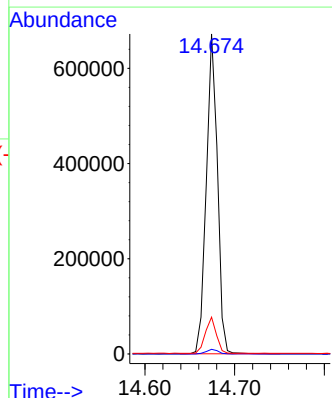
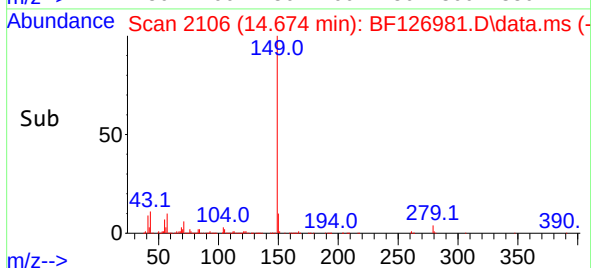
Reviewed By :Christian Giraldo 02/22/2022
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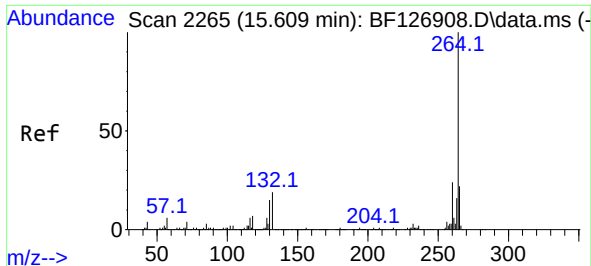


#85
 Di-n-octyl phthalate
 Concen: 54.336 ng
 RT: 14.674 min Scan# 2106
 Delta R.T. -0.006 min
 Lab File: BF126981.D
 Acq: 21 Feb 2022 18:55



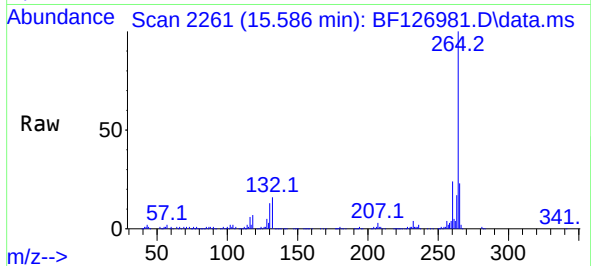
Tgt Ion:149 Resp: 578801
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.1 1.7
 43 11.2 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

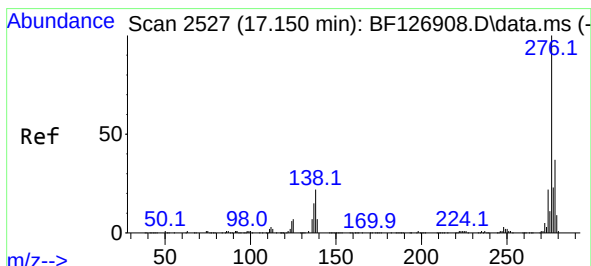
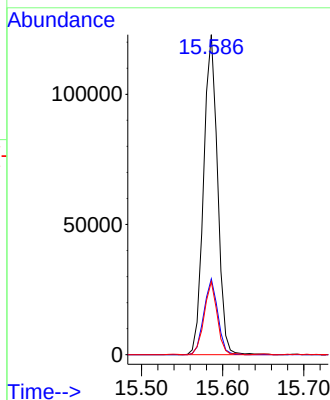
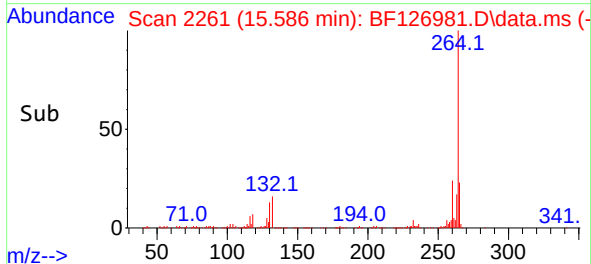
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



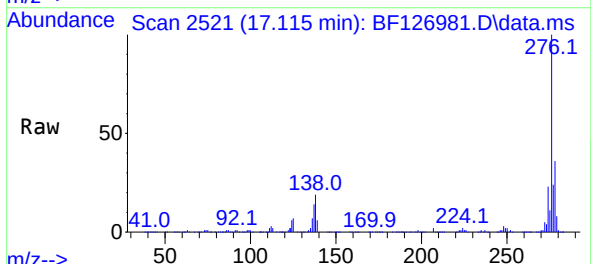
Tgt Ion:264 Resp: 146248
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 22.8 17.4 26.2

Manual Integrations
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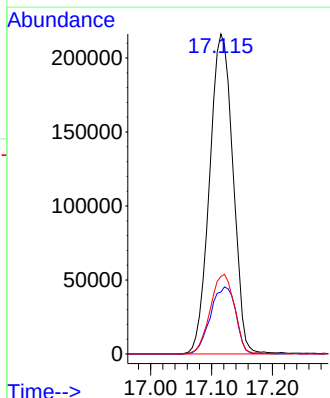
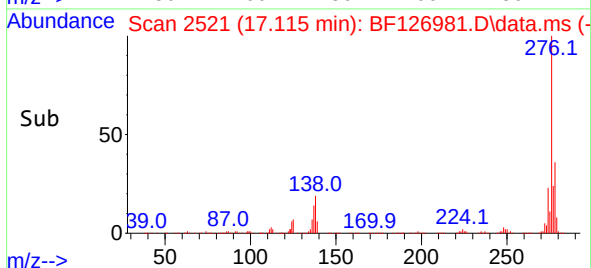
Reviewed By :Christian Giraldo 02/22/2022
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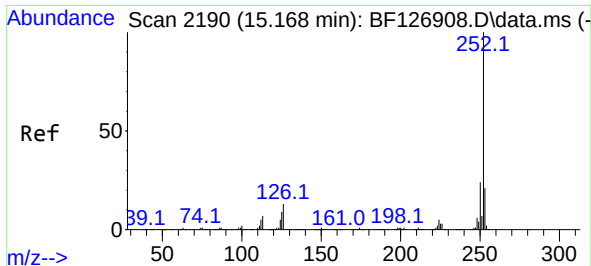


#87
Indeno(1,2,3-cd)pyrene
Concen: 60.208 ng
RT: 17.115 min Scan# 2521
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



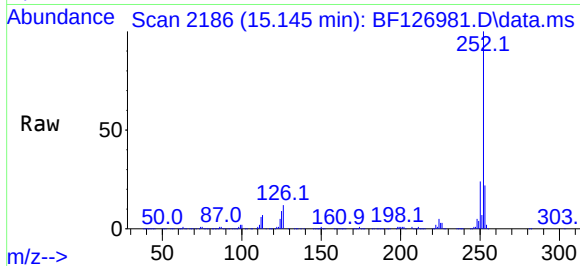
Tgt Ion:276 Resp: 577377
Ion Ratio Lower Upper
276 100
138 22.8 29.2 43.8#
277 25.9 19.8 29.8





#88
Benzo(b)fluoranthene
Concen: 47.958 ng
RT: 15.145 min Scan# 2186
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

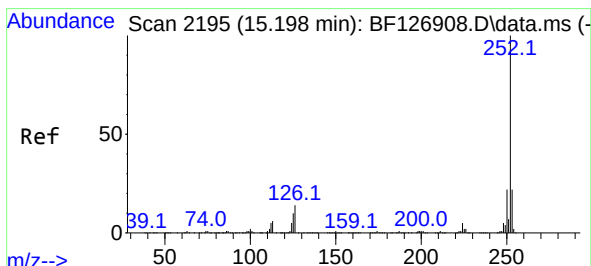
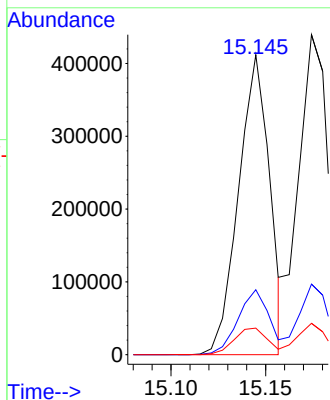
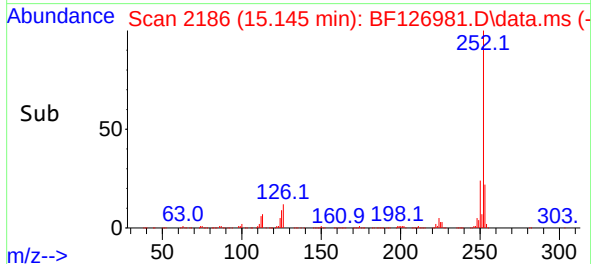
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



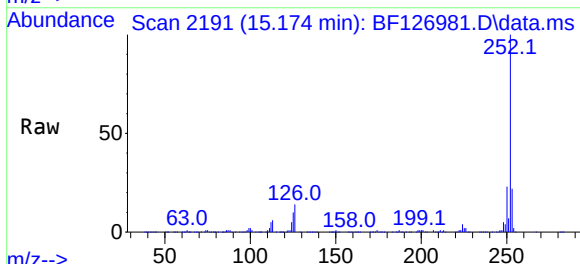
Tgt Ion:252 Resp: 471079
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 8.9 12.4 18.6

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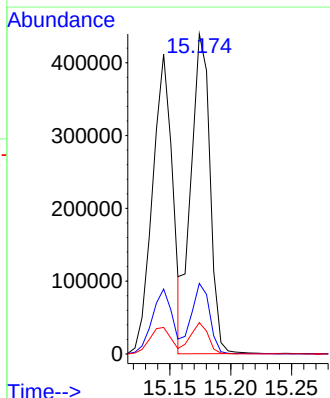
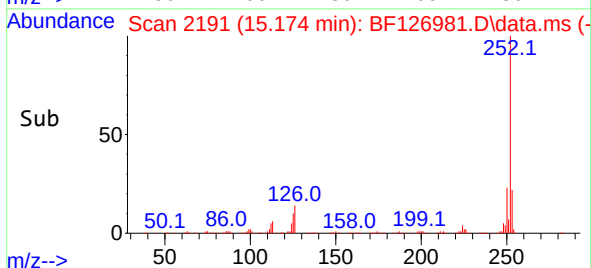
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

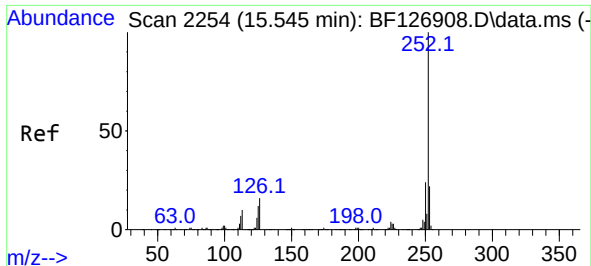


#89
Benzo(k)fluoranthene
Concen: 50.215 ng
RT: 15.174 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



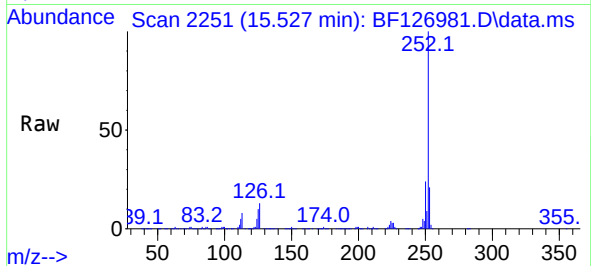
Tgt Ion:252 Resp: 475739
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.8 11.8 17.6





#90
Benzo(a)pyrene
Concen: 61.684 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

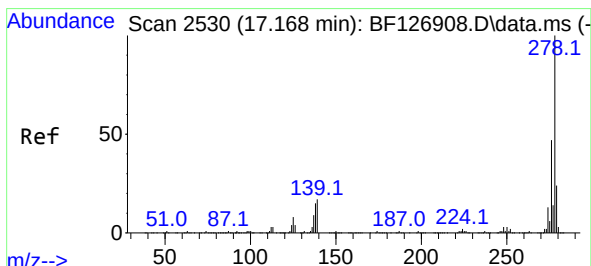
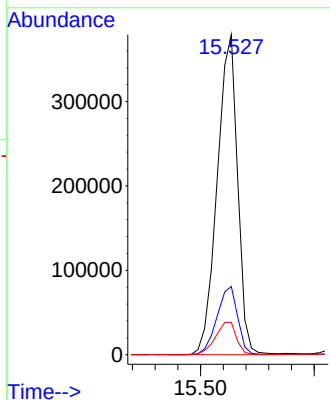
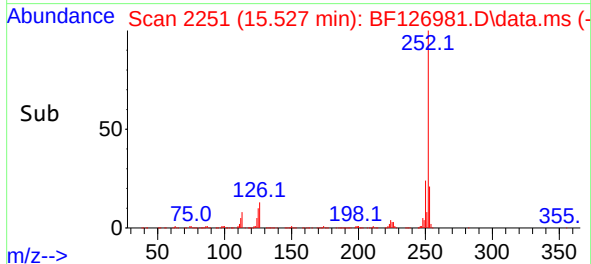
Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



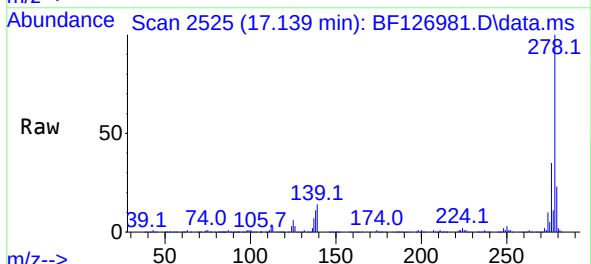
Tgt Ion:252 Resp: 47326
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 10.1 13.0 19.6

Manual Integrations
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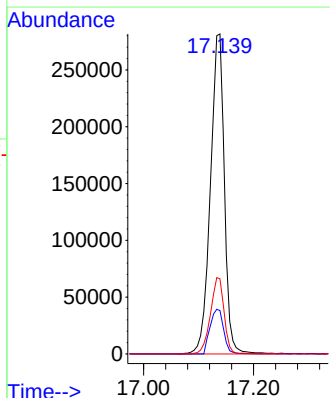
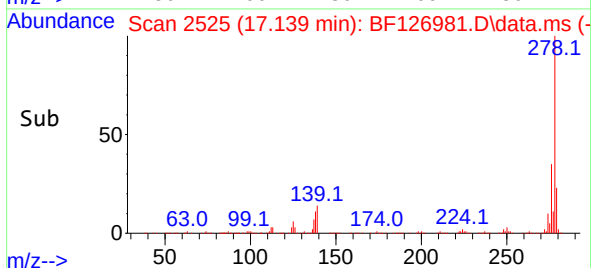
Reviewed By :Christian Giraldo 02/22/2022
Supervised By :Jagrut Upadhyay 02/22/2022

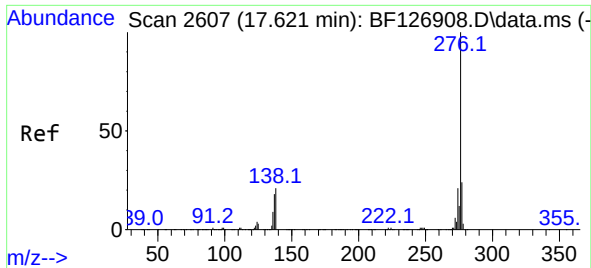


#91
Dibenzo(a,h)anthracene
Concen: 62.859 ng
RT: 17.139 min Scan# 2525
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55



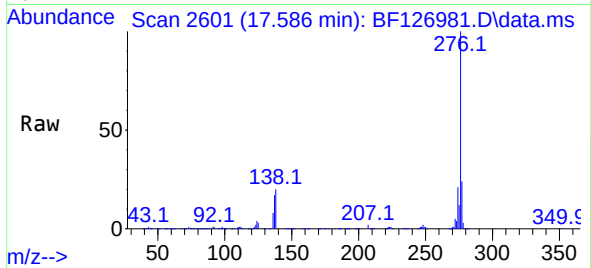
Tgt Ion:278 Resp: 498544
Ion Ratio Lower Upper
278 100
139 13.6 18.0 27.0#
279 23.5 18.6 27.8





#92
Benzo(g,h,i)perylene
Concen: 60.643 ng
RT: 17.586 min Scan# 20
Delta R.T. -0.000 min
Lab File: BF126981.D
Acq: 21 Feb 2022 18:55

Instrument :
BNA_F
ClientSampleId :
SB-6-(9.5-10.0)MSD



Tgt Ion:276 Resp: 474169
Ion Ratio Lower Upper
276 100
277 23.7 18.5 27.7
138 19.8 25.9 38.9

Manual Integrations
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Supervised By :Jagrut Upadhyay 02/22/2022

