

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126816.D
 Acq On : 04 Feb 2022 17:38
 Operator : CG/JU
 Sample : N1356-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-PHCMSD

Quant Time: Feb 04 23:54:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 02 15:08:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 02/07/2022
 Supervised By : Jagrut Upadhyay 02/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.951	152	140965	20.000	ng	0.00
21) Naphthalene-d8	8.234	136	557135	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	301428	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	513738	20.000	ng	0.00
76) Chrysene-d12	14.133	240	298851	20.000	ng	# 0.00
86) Perylene-d12	15.639	264	245194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1263469	122.763	ng	0.02
7) Phenol-d6	6.575	99	1666884	117.085	ng	0.00
23) Nitrobenzene-d5	7.516	82	1313946	88.263	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	419772	134.184	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	1650037	90.641	ng	0.00
79) Terphenyl-d14	13.075	244	1861029	104.172	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.993	88	224862	43.176	ng	# 76
3) Pyridine	3.675	79	468653	33.183	ng	# 82
4) n-Nitrosodimethylamine	3.640	42	219690	50.359	ng	# 66
6) Aniline	6.616	93	428099	23.566	ng	97
8) 2-Chlorophenol	6.734	128	496989	52.811	ng	96
9) Benzaldehyde	6.504	77	346190	38.651	ng	87
10) Phenol	6.587	94	713211m	46.804	ng	
11) bis(2-Chloroethyl)ether	6.687	93	635685	51.781	ng	92
12) 1,3-Dichlorobenzene	6.893	146	504231	47.585	ng	96
13) 1,4-Dichlorobenzene	6.969	146	512070	47.811	ng	95
14) 1,2-Dichlorobenzene	7.116	146	493701	47.435	ng	97
15) Benzyl Alcohol	7.087	79	571677	50.259	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.222	45	685399	51.824	ng	80
17) 2-Methylphenol	7.193	107	479604	51.825	ng	# 93
18) Hexachloroethane	7.463	117	204115	48.651	ng	# 88
19) n-Nitroso-di-n-propyla...	7.363	70	461781	49.260	ng	# 83
20) 3+4-Methylphenols	7.345	107	557991	47.873	ng	# 82
22) Acetophenone	7.357	105	763663	47.369	ng	# 91
24) Nitrobenzene	7.534	77	733715	49.651	ng	# 88
25) Isophorone	7.769	82	1323022	51.784	ng	94
26) 2-Nitrophenol	7.845	139	252181	51.203	ng	# 74
27) 2,4-Dimethylphenol	7.875	122	479552	55.749	ng	88
28) bis(2-Chloroethoxy)met...	7.975	93	795544	49.097	ng	97
29) 2,4-Dichlorophenol	8.087	162	417667	49.323	ng	98
30) 1,2,4-Trichlorobenzene	8.169	180	423848	46.544	ng	98
31) Naphthalene	8.257	128	1386521	47.613	ng	99
32) Benzoic acid	7.987	122	261578	39.404	ng	# 72
33) 4-Chloroaniline	8.298	127	107605	9.145	ng	# 93
34) Hexachlorobutadiene	8.363	225	257721	45.151	ng	97
35) Caprolactam	8.675	113	128744m	41.783	ng	
36) 4-Chloro-3-methylphenol	8.775	107	539495	49.983	ng	87
37) 2-Methylnaphthalene	8.945	142	892447	49.736	ng	97
38) 1-Methylnaphthalene	9.045	142	840878	48.683	ng	97
40) 1,2,4,5-Tetrachloroben...	9.110	216	417150	48.065	ng	96
41) Hexachlorocyclopentadiene	9.092	237	501482	100.246	ng	94
43) 2,4,6-Trichlorophenol	9.222	196	293466	47.999	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	322304	50.493	ng	94
46) 1,1'-Biphenyl	9.410	154	1092620	49.493	ng	96
47) 2-Chloronaphthalene	9.439	162	859629	49.122	ng	100
48) 2-Nitroaniline	9.534	65	362721	50.837	ng	93
49) Acenaphthylene	9.857	152	1393390	51.570	ng	98
50) Dimethylphthalate	9.716	163	1066925	51.207	ng	99
51) 2,6-Dinitrotoluene	9.775	165	232361	54.290	ng	88
52) Acenaphthene	10.028	154	928449	53.894	ng	97
53) 3-Nitroaniline	9.945	138	122782	25.175	ng	# 85
54) 2,4-Dinitrophenol	10.051	184	215751	95.698	ng	92
55) Dibenzofuran	10.198	168	1208316	47.519	ng	98
56) 4-Nitrophenol	10.104	139	343860	93.096	ng	# 78
57) 2,4-Dinitrotoluene	10.181	165	312301	53.838	ng	# 94
58) Fluorene	10.545	166	924130	49.120	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.310	232	264577	47.889	ng	# 83
60) Diethylphthalate	10.410	149	1005517	49.116	ng	98
61) 4-Chlorophenyl-phenyle...	10.533	204	456852	48.006	ng	88
62) 4-Nitroaniline	10.569	138	228357	49.343	ng	# 80
63) Azobenzene	10.692	77	1384561	48.743	ng	91
65) 4,6-Dinitro-2-methylph...	10.586	198	147318	47.271	ng	96
66) n-Nitrosodiphenylamine	10.651	169	828337	50.139	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	292077	49.670	ng	# 88
68) Hexachlorobenzene	11.086	284	321288	49.933	ng	91
69) Atrazine	11.181	200	274109	51.133	ng	92
70) Pentachlorophenol	11.281	266	354297	94.379	ng	96
71) Phenanthrene	11.510	178	1386898	48.744	ng	100
72) Anthracene	11.563	178	1414059	49.619	ng	100
73) Carbazole	11.716	167	1222602	45.476	ng	98
74) Di-n-butylphthalate	12.039	149	1545872	49.594	ng	98
75) Fluoranthene	12.698	202	1369664	47.326	ng	98
77) Benzidine	12.816	184	233463	34.053	ng	99
78) Pyrene	12.933	202	1361650	57.013	ng	99
80) Butylbenzylphthalate	13.545	149	574073	57.930	ng	# 96
81) Benzo(a)anthracene	14.121	228	1030141	51.659	ng	100
82) 3,3'-Dichlorobenzidine	14.080	252	149307	26.144	ng	# 96
83) Chrysene	14.157	228	960156	50.854	ng	98
84) Bis(2-ethylhexyl)phtha...	14.098	149	746759	57.919	ng	# 99
85) Di-n-octyl phthalate	14.716	149	1033262	56.205	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.198	276	896159	59.923	ng	# 90
88) Benzo(b)fluoranthene	15.192	252	837167	52.216	ng	# 95
89) Benzo(k)fluoranthene	15.227	252	771692	48.252	ng	# 95
90) Benzo(a)pyrene	15.580	252	794915	62.198	ng	# 95
91) Dibenzo(a,h)anthracene	17.221	278	769406	62.811	ng	# 94
92) Benzo(g,h,i)perylene	17.674	276	748488	61.863	ng	# 91

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

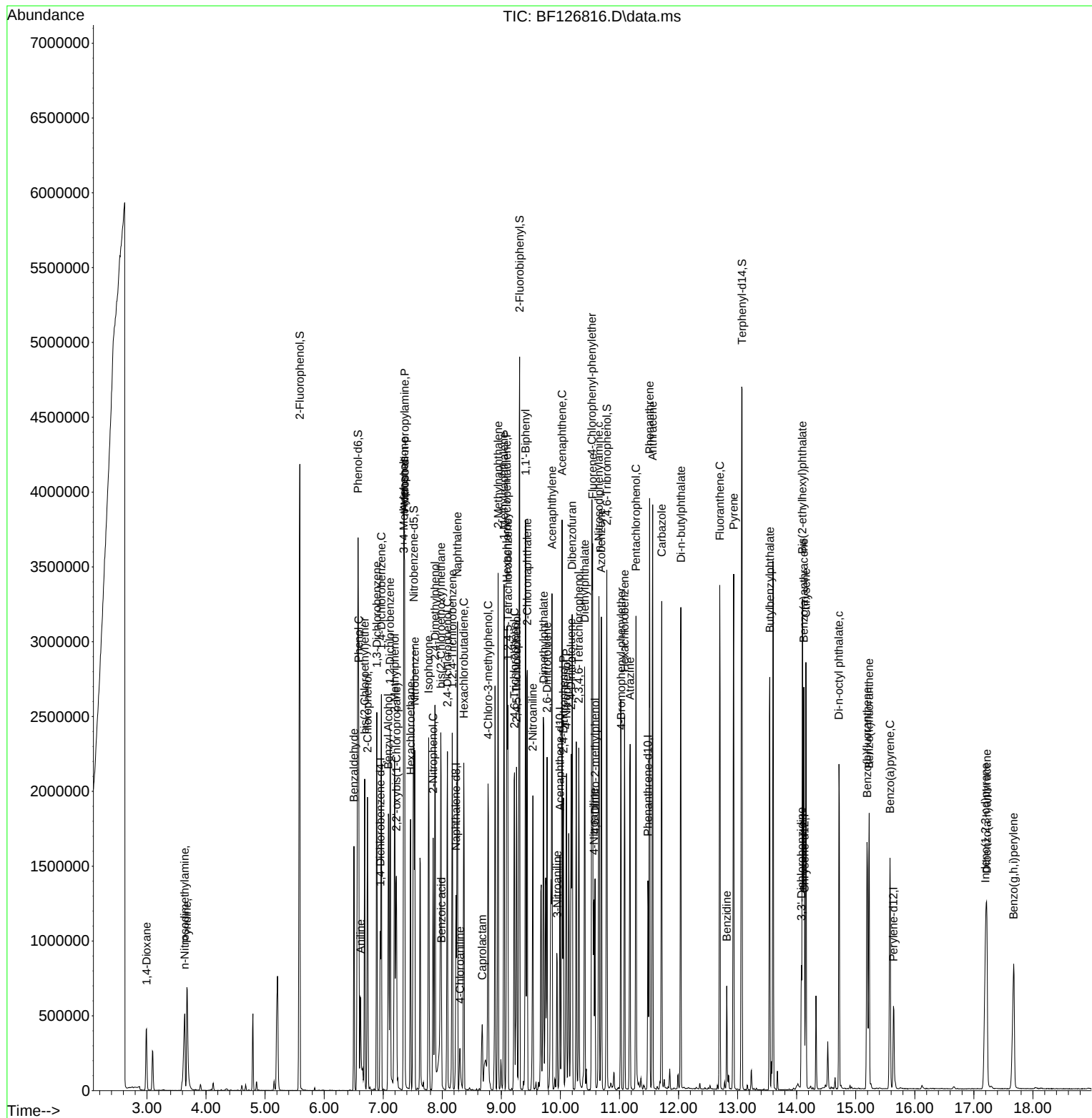
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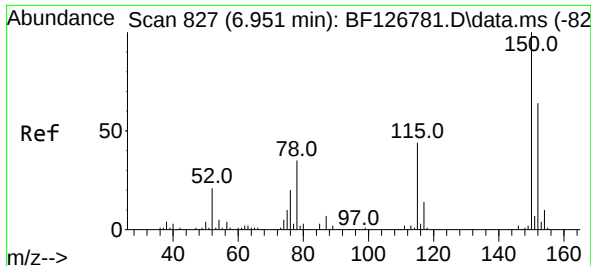
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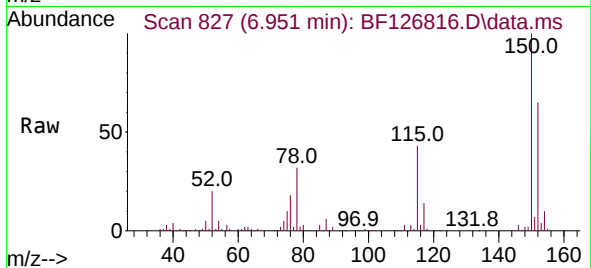
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.951 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

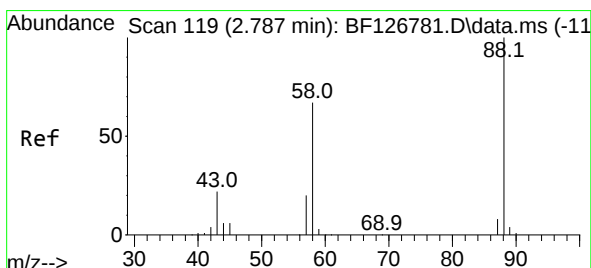
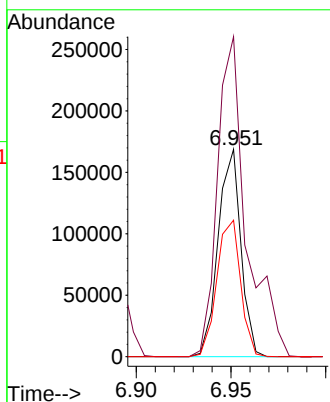
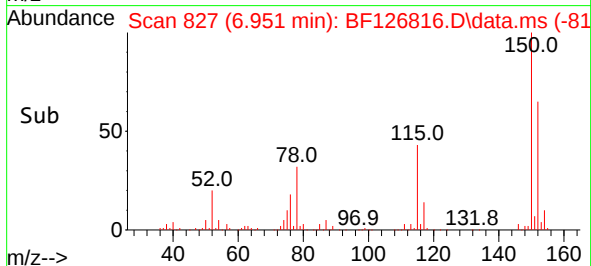
Instrument :
BNA_F
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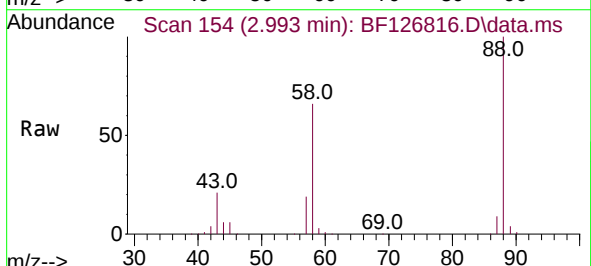
Tgt Ion:152 Resp: 14096
Ion Ratio Lower Upper
152 100
150 154.3 128.1 192.1
115 65.8 56.7 85.1

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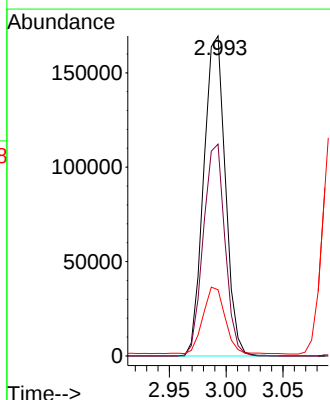
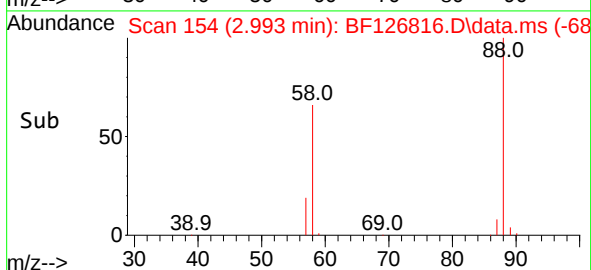
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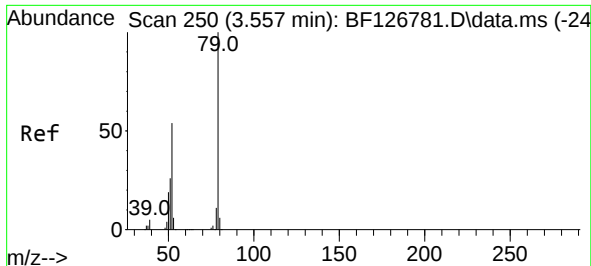


#2
1,4-Dioxane
Concen: 43.176 ng
RT: 2.993 min Scan# 154
Delta R.T. 0.206 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



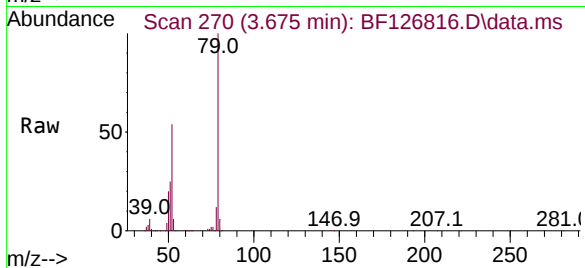
Tgt Ion: 88 Resp: 224862
Ion Ratio Lower Upper
88 100
58 66.2 62.8 94.2
43 0.0 22.3 33.5





#3
Pyridine
Concen: 33.183 ng
RT: 3.675 min Scan# 21
Delta R.T. 0.118 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

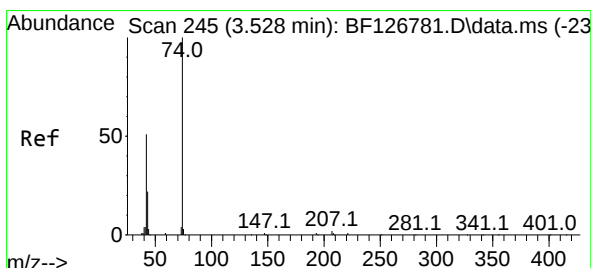
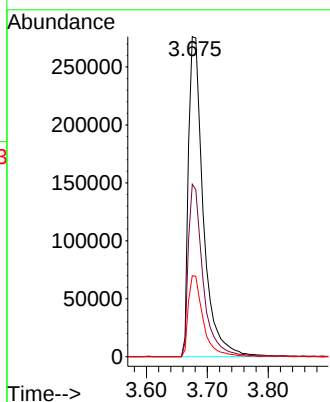
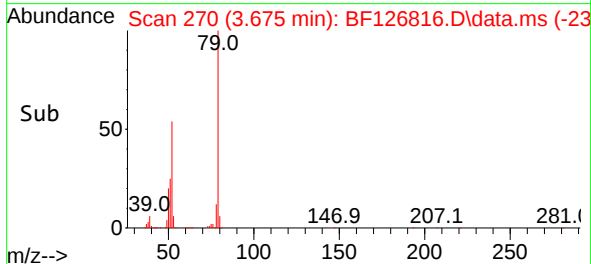
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



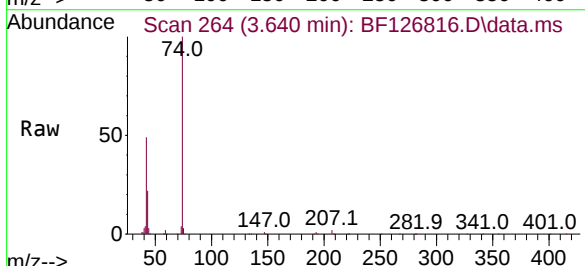
Tgt Ion: 79 Resp: 46865
Ion Ratio Lower Upper
79 100
52 53.9 56.2 84.4
51 25.3 26.7 40.1

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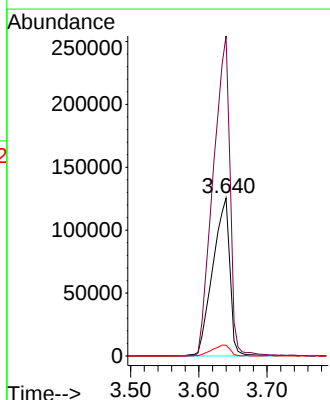
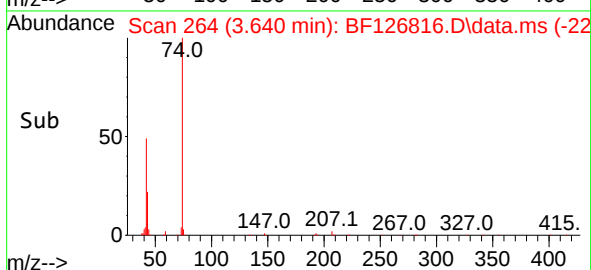
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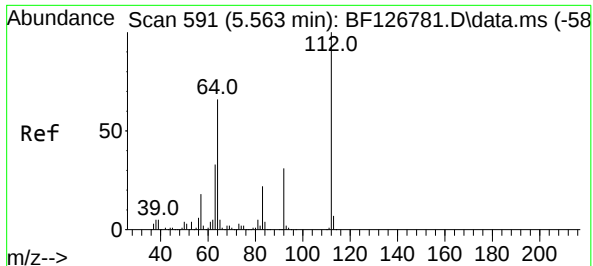


#4
n-Nitrosodimethylamine
Concen: 50.359 ng
RT: 3.640 min Scan# 264
Delta R.T. 0.112 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



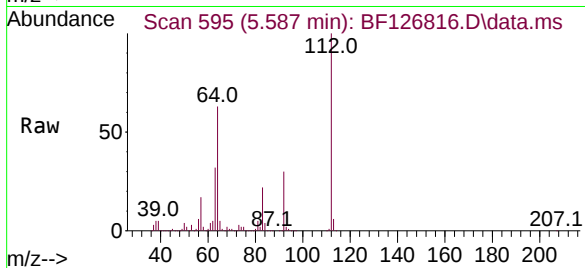
Tgt Ion: 42 Resp: 219690
Ion Ratio Lower Upper
42 100
74 202.7 125.6 188.4
44 6.8 5.7 8.5





#5
2-Fluorophenol
Concen: 122.763 ng
RT: 5.587 min Scan# 591
Delta R.T. 0.024 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

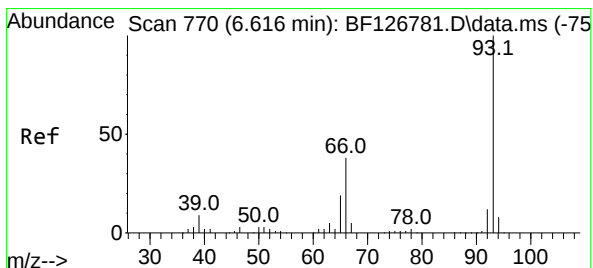
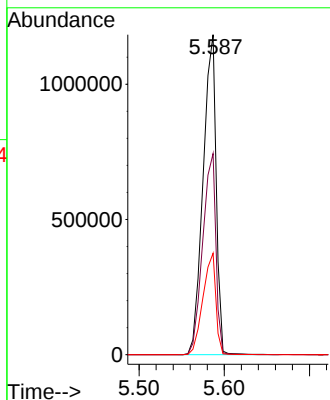
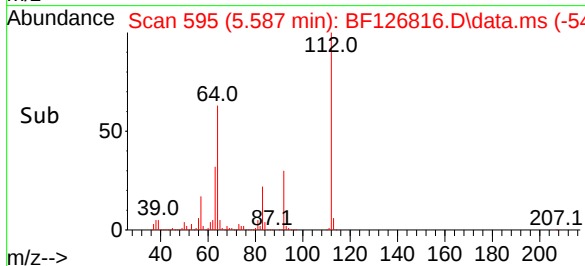
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



Tgt Ion:112 Resp: 1263469
Ion Ratio Lower Upper
112 100
64 62.9 49.5 74.3
63 31.7 23.9 35.9

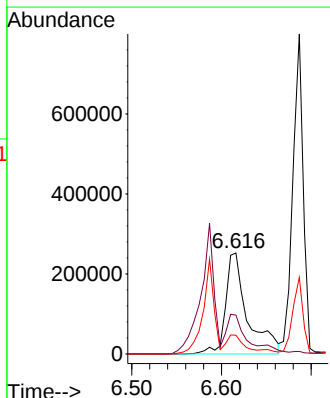
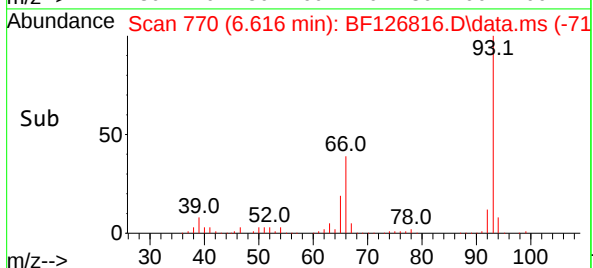
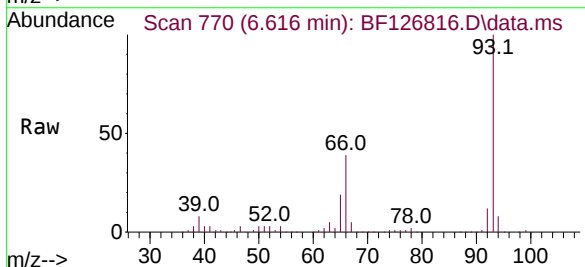
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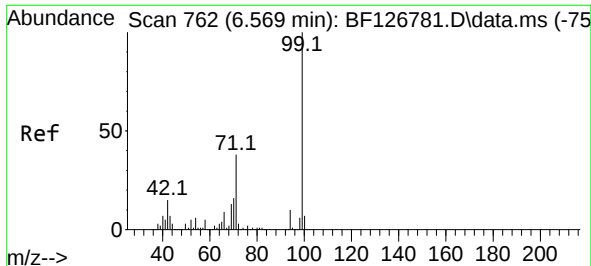
Reviewed By :Christian Giraldo 02/07/2022
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#6
Aniline
Concen: 23.566 ng
RT: 6.616 min Scan# 770
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

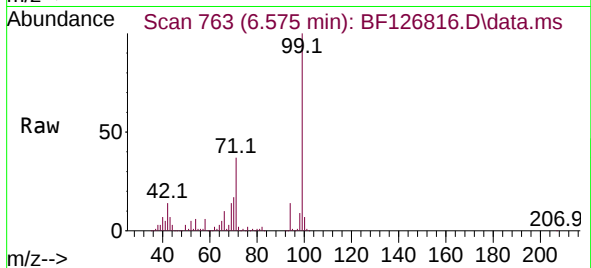
Tgt Ion: 93 Resp: 428099
Ion Ratio Lower Upper
93 100
66 38.5 32.2 48.4
65 18.6 16.3 24.5





#7
Phenol-d6
Concen: 117.085 ng
RT: 6.575 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

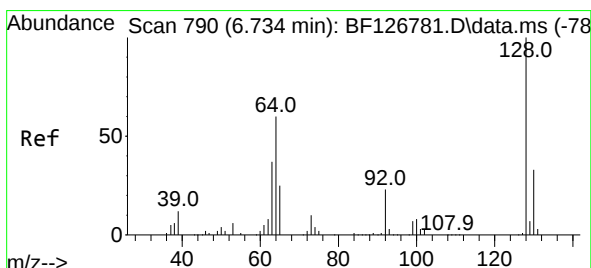
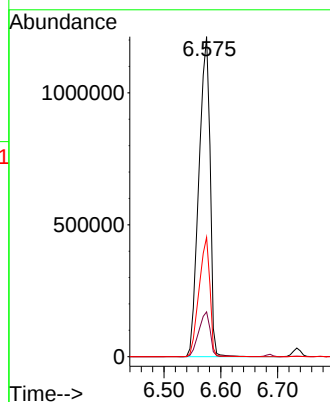
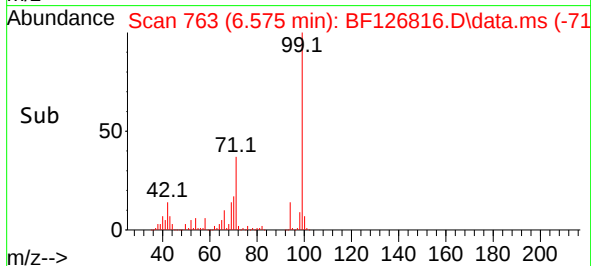
Instrument :
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Tgt Ion: 99 Resp: 1666884
Ion Ratio Lower Upper
99 100
42 14.0 14.2 21.4
71 37.3 24.3 36.5

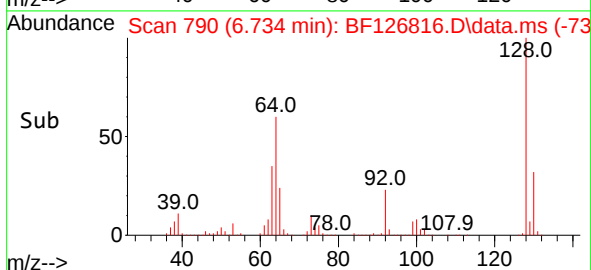
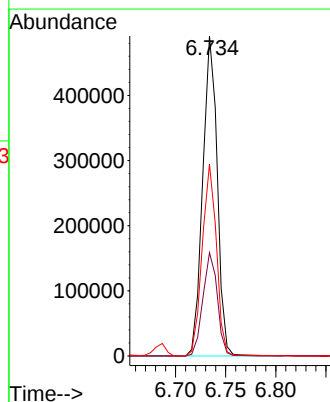
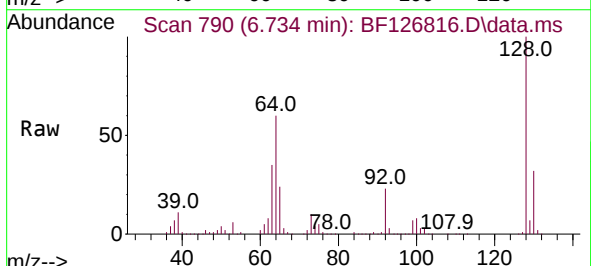
Manual Integrations
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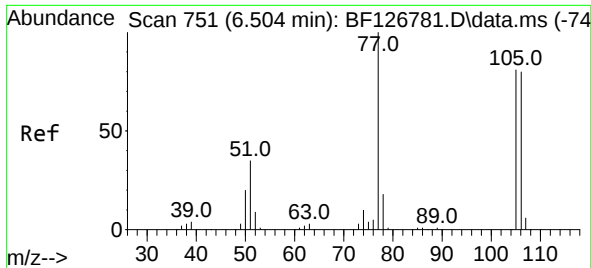
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#8
2-Chlorophenol
Concen: 52.811 ng
RT: 6.734 min Scan# 790
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Tgt Ion:128 Resp: 496989
Ion Ratio Lower Upper
128 100
130 32.3 12.7 52.7
64 60.0 35.6 75.6





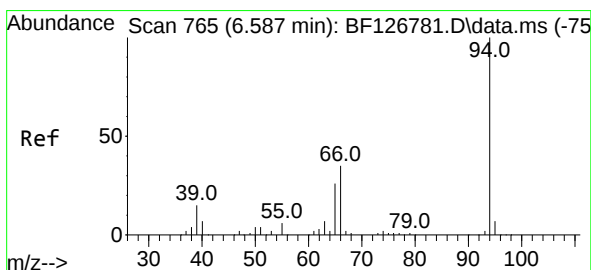
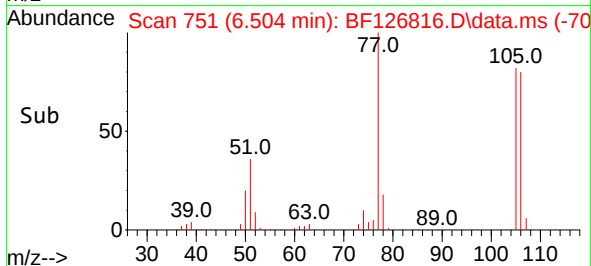
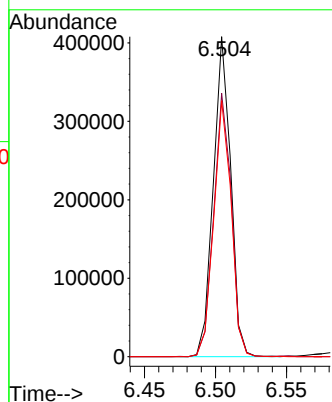
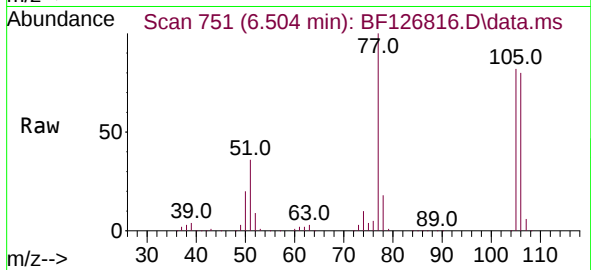
#9
Benzaldehyde
Concen: 38.651 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF126816.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 346190
Ion Ratio Lower Upper
77 100
105 82.4 74.9 114.9
106 80.0 72.4 112.4

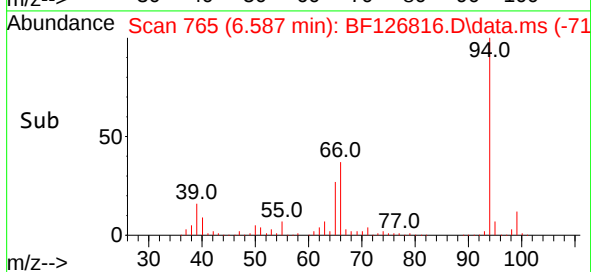
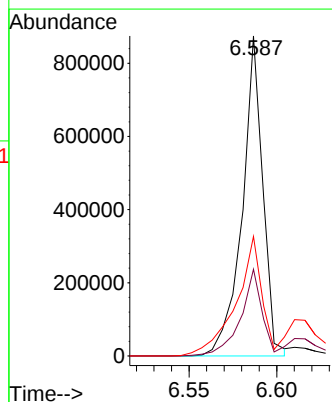
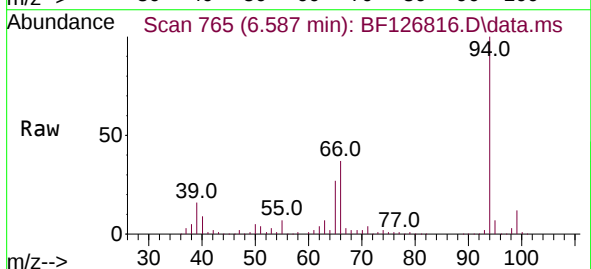
Manual Integrations
APPROVED

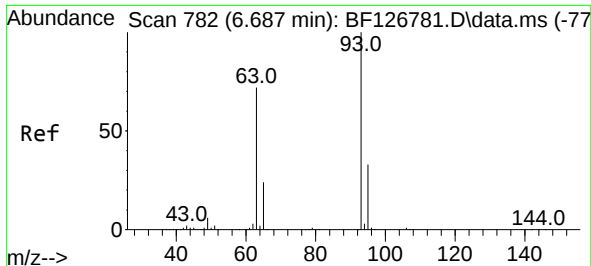
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#10
Phenol
Concen: 46.804 ng m
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Tgt Ion: 94 Resp: 713211
Ion Ratio Lower Upper
94 100
65 27.1 7.2 47.2
66 37.3 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 51.781 ng

RT: 6.687 min Scan# 782

Delta R.T. 0.000 min

Lab File: BF126816.D

Acq: 04 Feb 2022 17:38

Instrument :

BNA_F

ClientSampleId :

B-PHCMSD

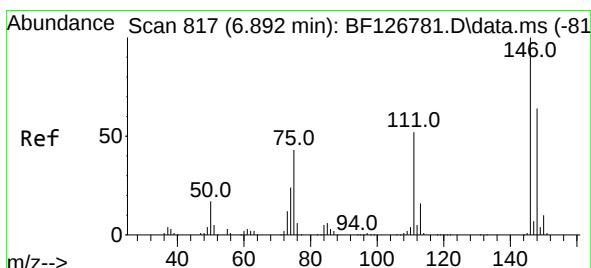
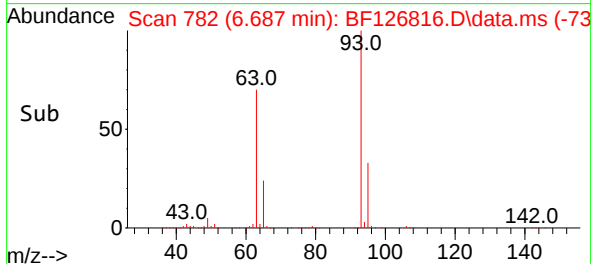
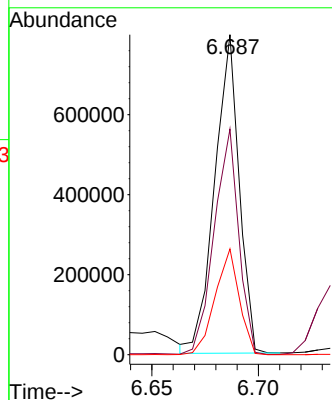
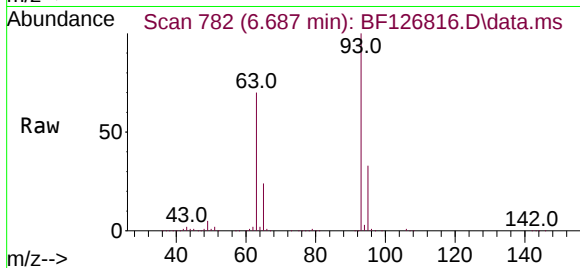
Tgt Ion: 93 Resp: 63568

Ion	Ratio	Lower	Upper
93	100		
63	70.5	60.5	100.5
95	33.0	12.9	52.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#12

1,3-Dichlorobenzene

Concen: 47.585 ng

RT: 6.893 min Scan# 817

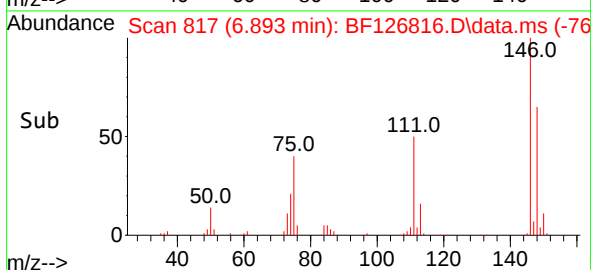
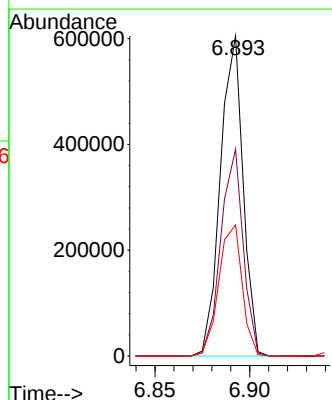
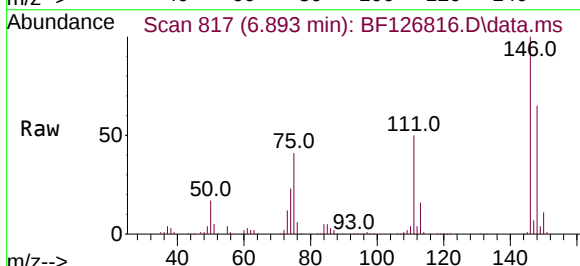
Delta R.T. 0.000 min

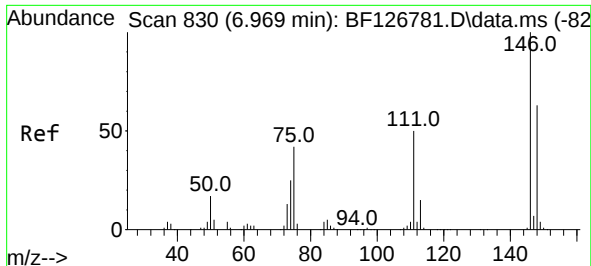
Lab File: BF126816.D

Acq: 04 Feb 2022 17:38

Tgt Ion:146 Resp: 504231

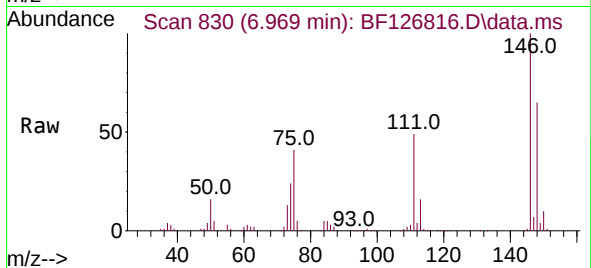
Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.9	76.3
75	41.0	28.4	42.6





#13
1,4-Dichlorobenzene
Concen: 47.811 ng
RT: 6.969 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

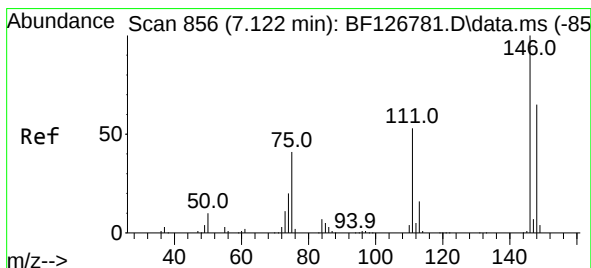
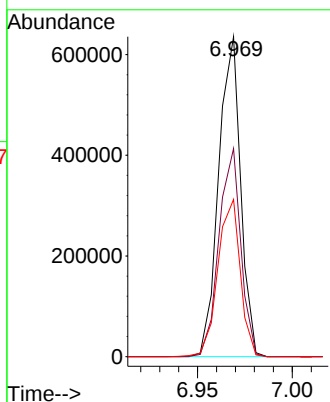
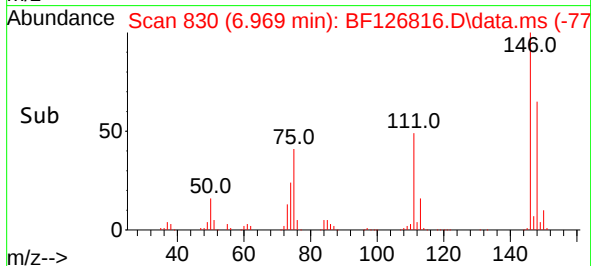
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



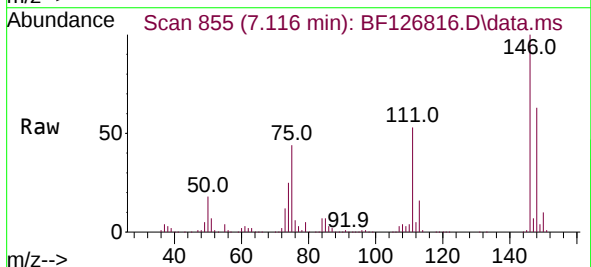
Tgt Ion:146 Resp: 512070
Ion Ratio Lower Upper
146 100
148 65.1 49.8 74.6
111 49.2 36.1 54.1

Manual Integrations
APPROVED

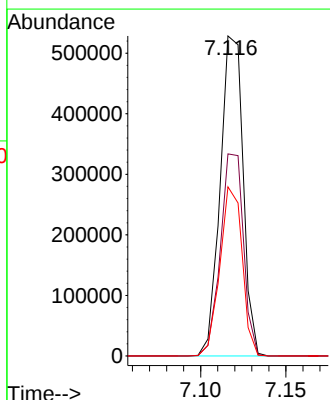
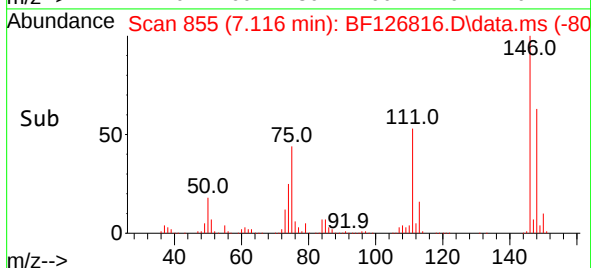
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

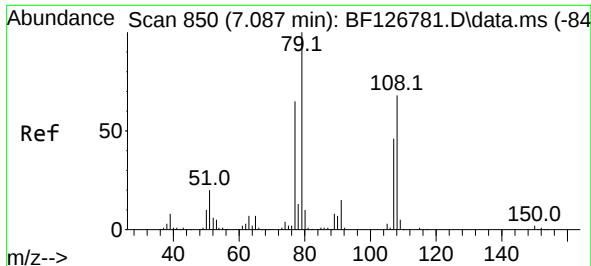


#14
1,2-Dichlorobenzene
Concen: 47.435 ng
RT: 7.116 min Scan# 855
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



Tgt Ion:146 Resp: 493701
Ion Ratio Lower Upper
146 100
148 63.2 51.6 77.4
111 52.9 40.2 60.2





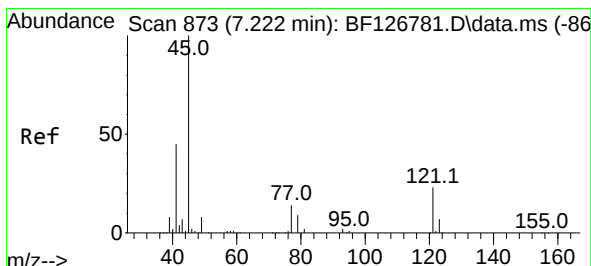
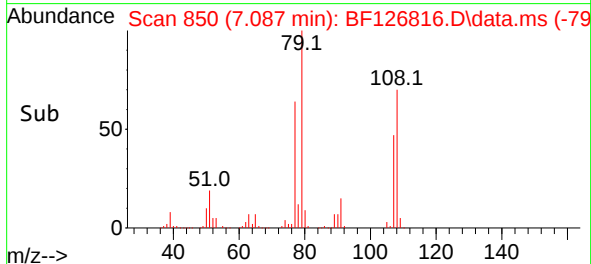
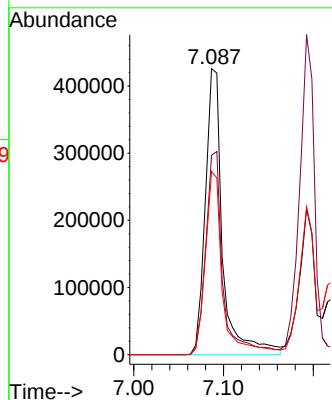
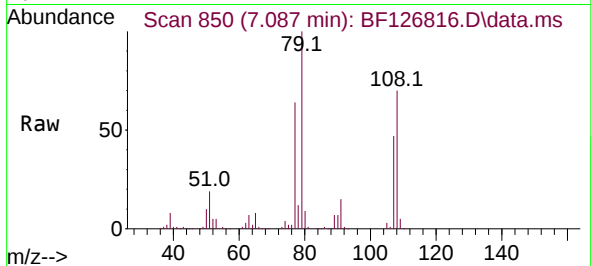
#15
Benzyl Alcohol
Concen: 50.259 ng
RT: 7.087 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Instrument :
BNA_F
ClientSampleId :
B-PHCMSD

Tgt Ion: 79 Resp: 57167
Ion Ratio Lower Upper
79 100
108 69.8 63.2 94.8
77 64.1 49.4 74.2

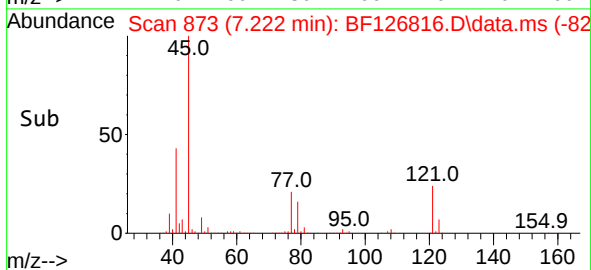
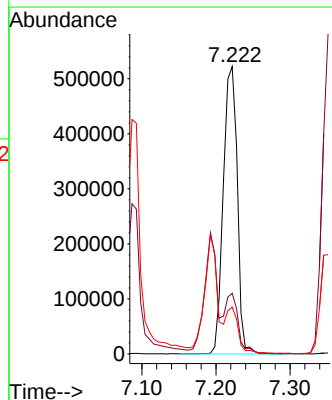
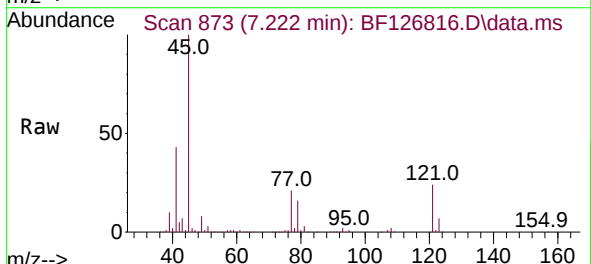
Manual Integrations
APPROVED

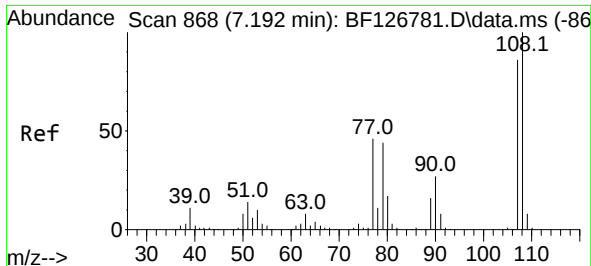
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.824 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

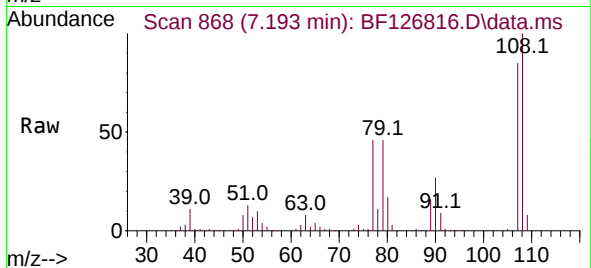
Tgt Ion: 45 Resp: 685399
Ion Ratio Lower Upper
45 100
77 21.1 0.0 32.4
79 16.3 0.0 29.8





#17
2-Methylphenol
Concen: 51.825 ng
RT: 7.193 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

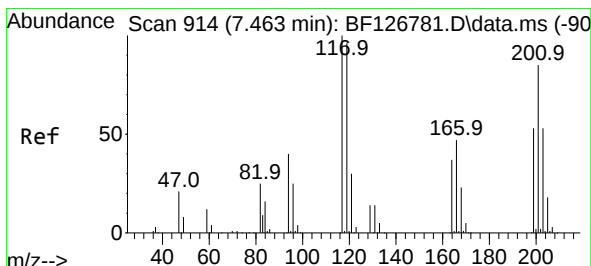
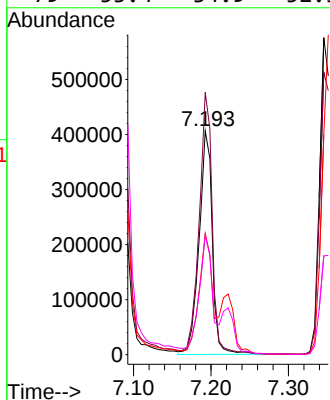
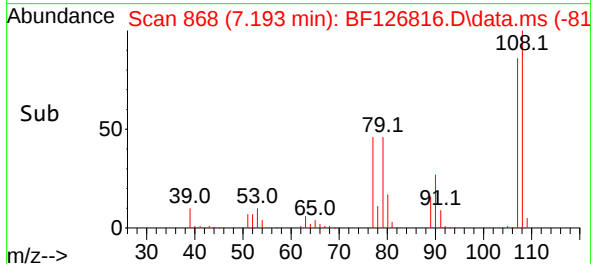
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



Tgt Ion:107 Resp: 479604
Ion Ratio Lower Upper
107 100
108 117.2 93.4 140.0
77 54.2 36.1 54.1
79 53.4 34.9 52.3#

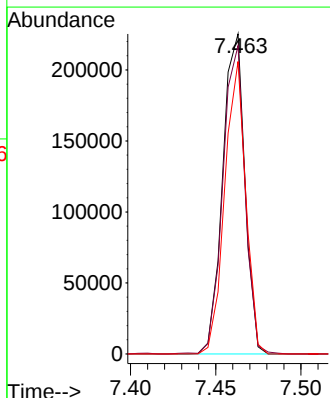
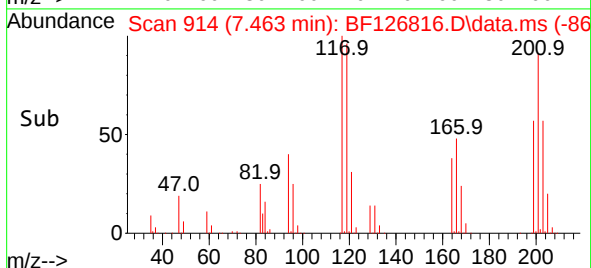
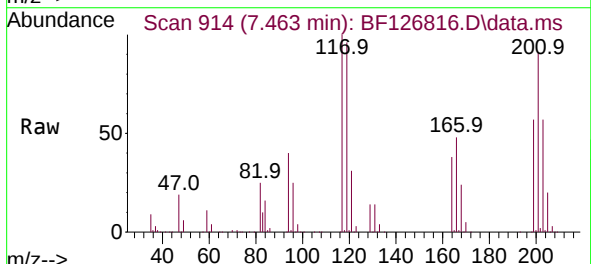
Manual Integrations
APPROVED

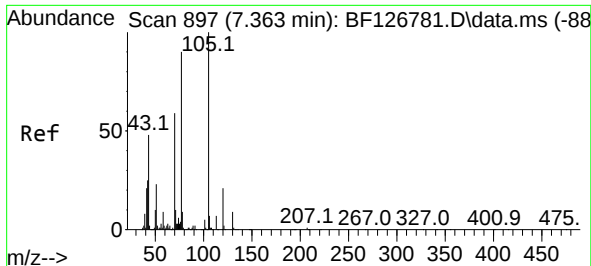
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#18
Hexachloroethane
Concen: 48.651 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

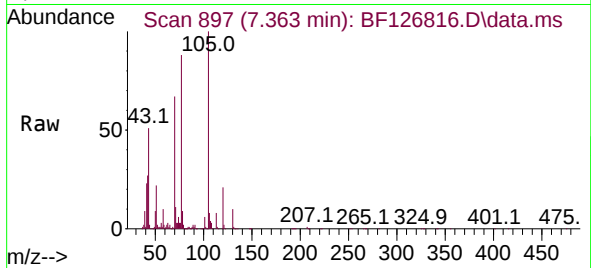
Tgt Ion:117 Resp: 204115
Ion Ratio Lower Upper
117 100
119 96.4 75.4 113.0
201 91.4 56.8 85.2#





#19
n-Nitroso-di-n-propylamine
Concen: 49.260 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

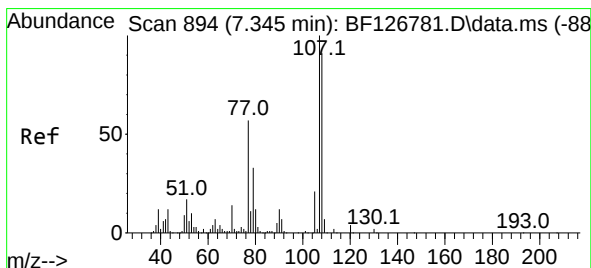
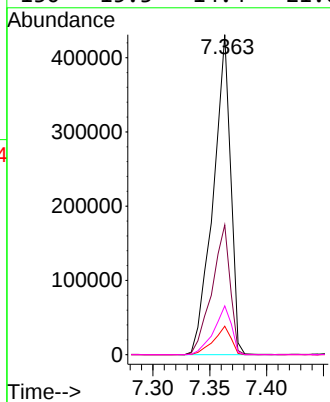
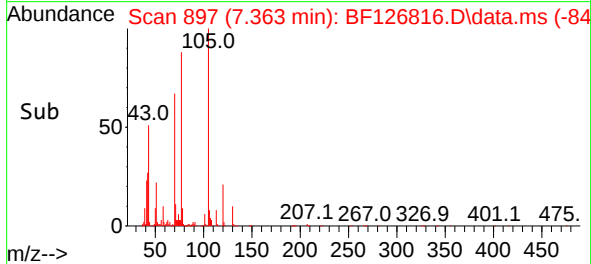
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



Tgt Ion: 70 Resp: 46178
Ion Ratio Lower Upper
70 100
42 40.6 45.8 68.8
101 8.9 6.9 10.3
130 15.3 14.4 21.6

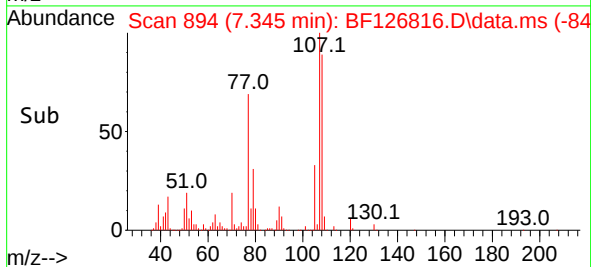
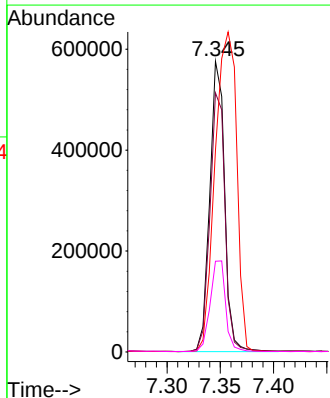
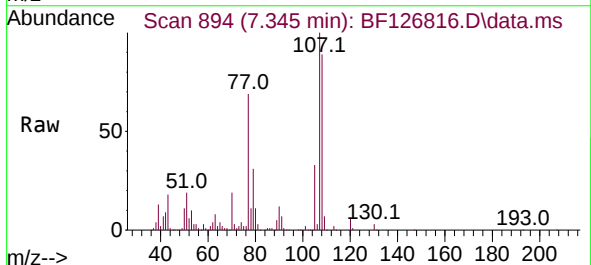
Manual Integrations
APPROVED

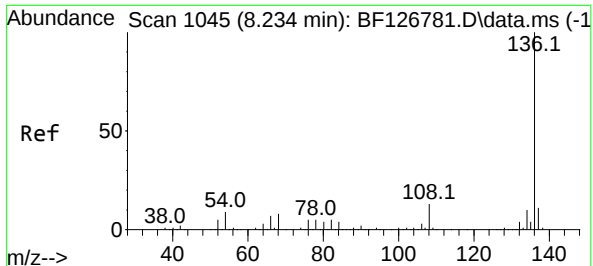
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#20
3+4-Methylphenols
Concen: 47.873 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

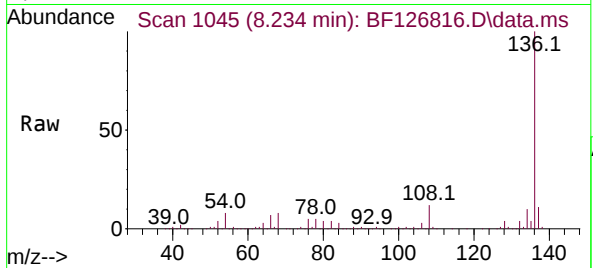
Tgt Ion:107 Resp: 557991
Ion Ratio Lower Upper
107 100
108 89.1 72.4 112.4
77 69.5 83.8 123.8
79 31.2 8.5 48.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.234 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

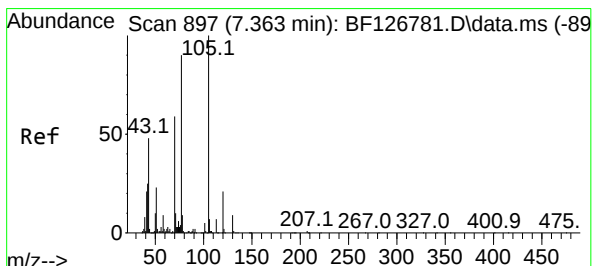
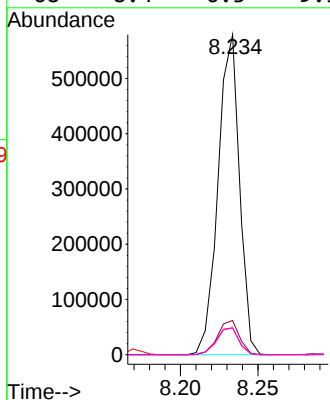
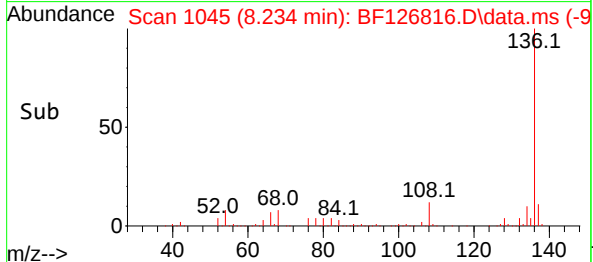
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



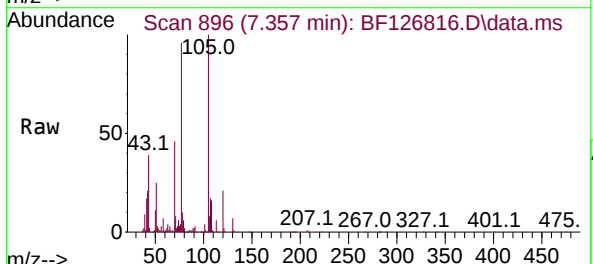
Tgt Ion:136 Resp: 557135
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.4 7.8 11.6
68 8.4 6.3 9.5

Manual Integrations
APPROVED

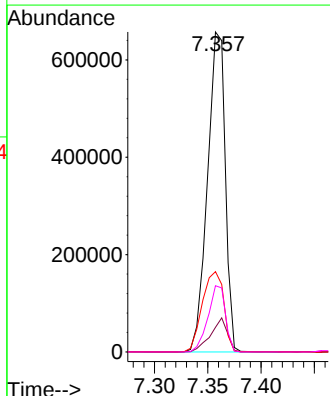
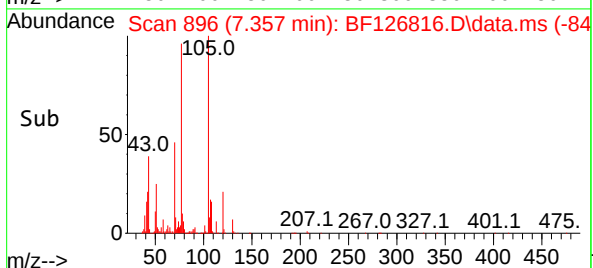
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

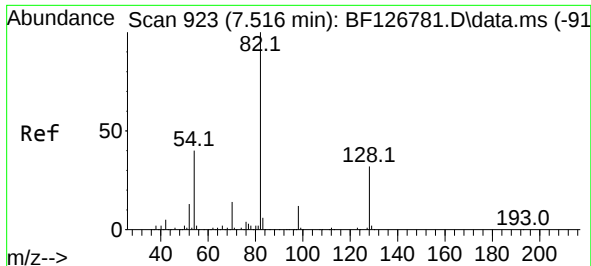


#22
Acetophenone
Concen: 47.369 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



Tgt Ion:105 Resp: 763663
Ion Ratio Lower Upper
105 100
71 7.7 5.4 8.0
51 25.1 27.4 41.0#
120 20.7 17.0 25.6





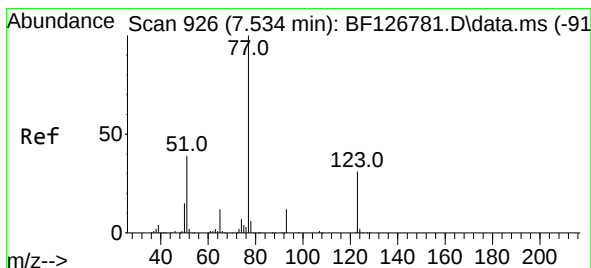
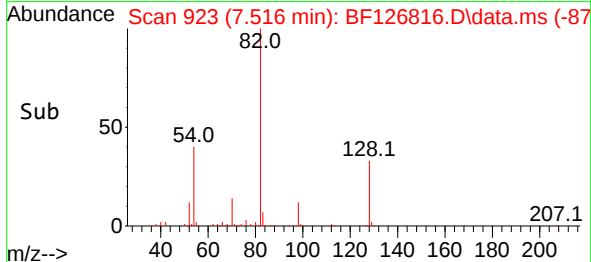
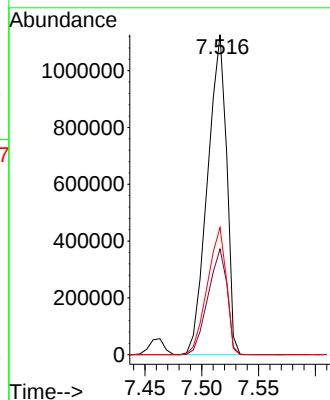
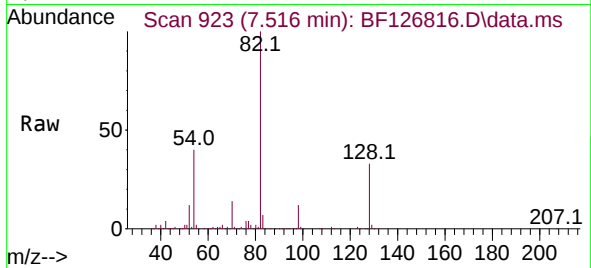
#23
Nitrobenzene-d5
Concen: 88.263 ng
RT: 7.516 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Instrument :
BNA_F
ClientSampleId :
B-PHCMSD

Tgt Ion: 82 Resp: 1313940
Ion Ratio Lower Upper
82 100
128 33.0 32.7 49.1
54 39.8 41.7 62.5

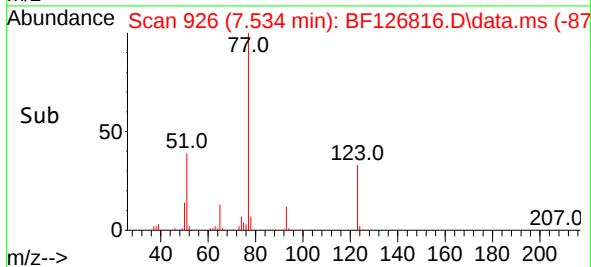
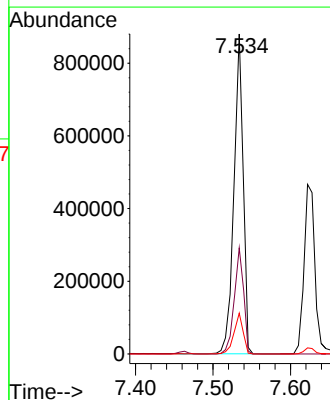
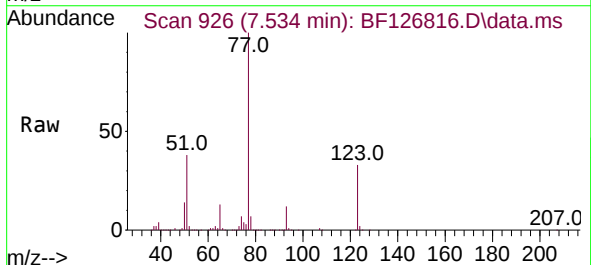
Manual Integrations
APPROVED

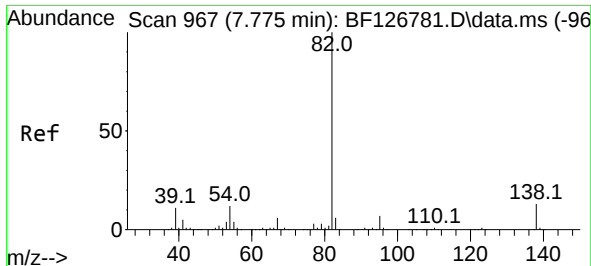
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#24
Nitrobenzene
Concen: 49.651 ng
RT: 7.534 min Scan# 926
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Tgt Ion: 77 Resp: 733715
Ion Ratio Lower Upper
77 100
123 33.2 34.6 52.0#
65 12.8 10.6 15.8





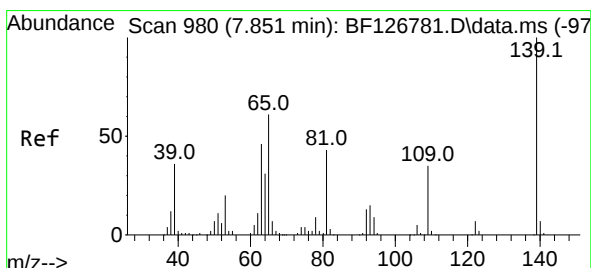
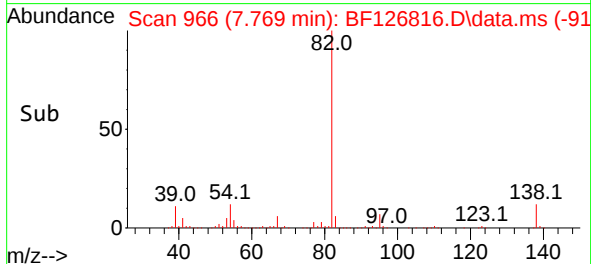
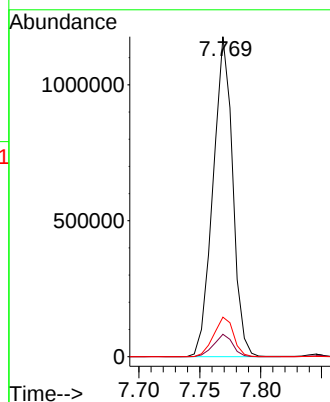
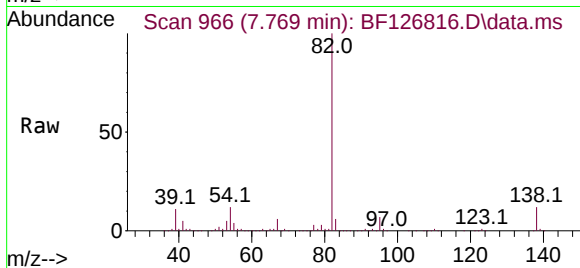
#25
Isophorone
Concen: 51.784 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Instrument :
BNA_F
ClientSampleId :
B-PHCMSD

Tgt Ion: 82 Resp: 132302
Ion Ratio Lower Upper
82 100
95 7.0 5.0 7.4
138 12.3 12.3 18.5

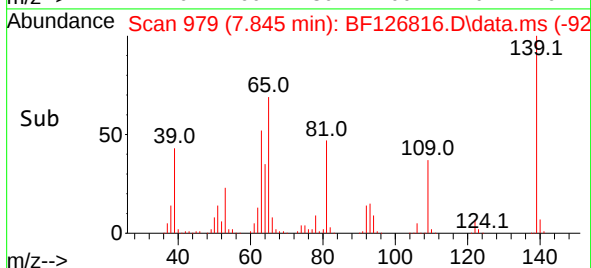
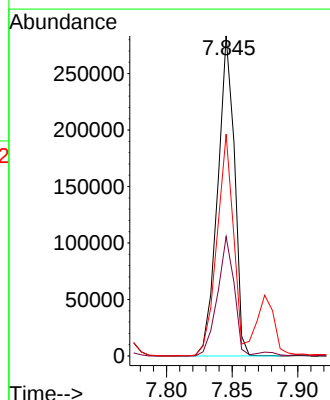
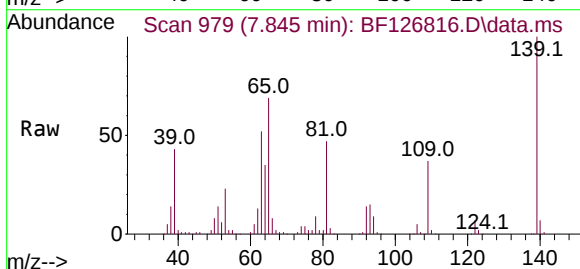
Manual Integrations
APPROVED

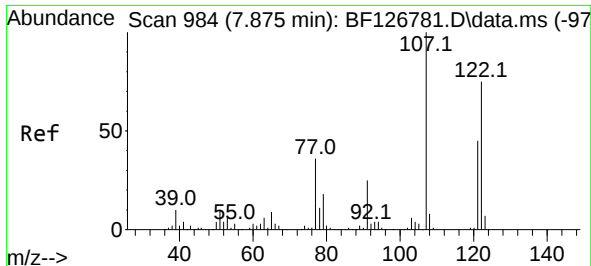
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#26
2-Nitrophenol
Concen: 51.203 ng
RT: 7.845 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Tgt Ion:139 Resp: 252181
Ion Ratio Lower Upper
139 100
109 37.3 20.0 30.0#
65 69.3 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 55.749 ng

RT: 7.875 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF126816.D

Acq: 04 Feb 2022 17:38

Instrument :

BNA_F

ClientSampleId :

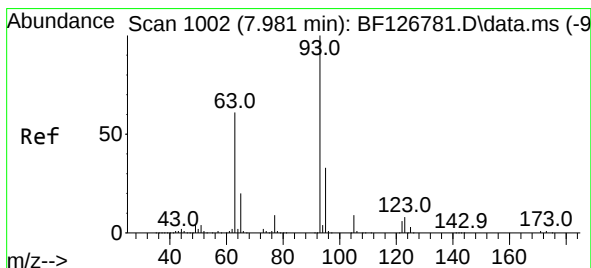
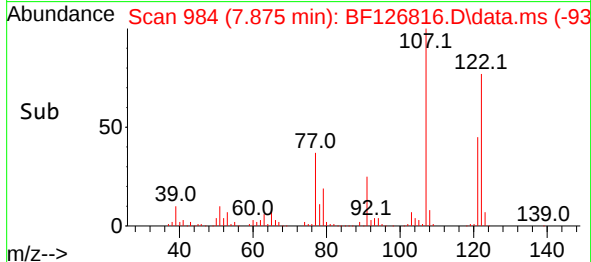
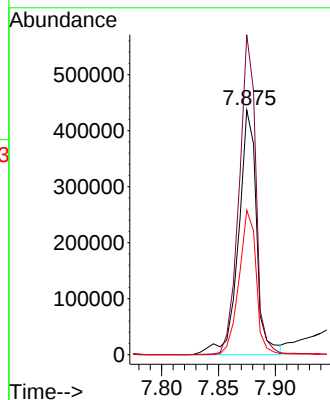
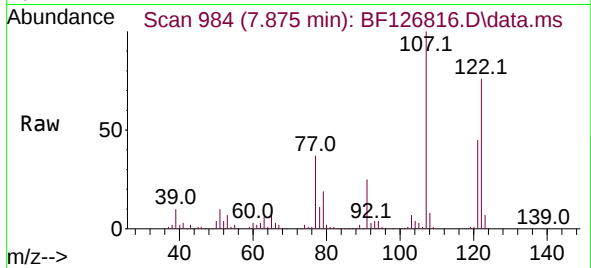
B-PHCMSD

Tgt Ion:122 Resp: 479552
 Ion Ratio Lower Upper
 122 100
 107 130.8 91.2 136.8
 121 59.1 44.4 66.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2022
 Supervised By :Jagrut Upadhyay 02/07/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.097 ng

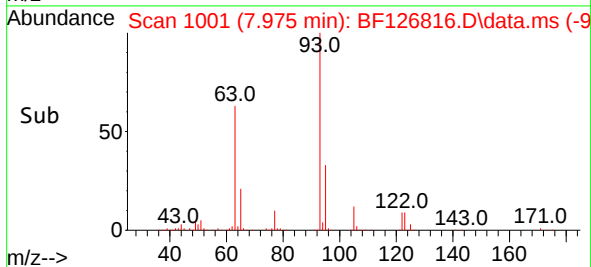
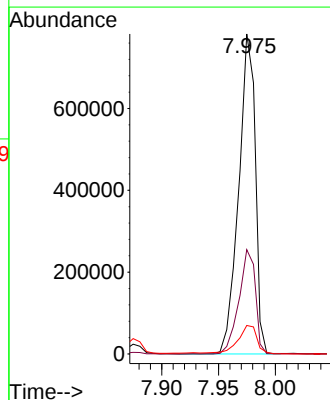
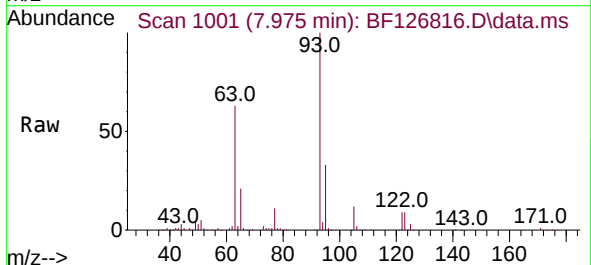
RT: 7.975 min Scan# 1001

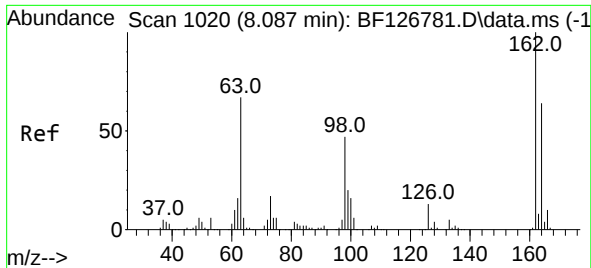
Delta R.T. -0.006 min

Lab File: BF126816.D

Acq: 04 Feb 2022 17:38

Tgt Ion: 93 Resp: 795544
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.4 38.2
 123 8.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 49.323 ng

RT: 8.087 min Scan# 1020

Delta R.T. 0.000 min

Lab File: BF126816.D

Acq: 04 Feb 2022 17:38

Instrument :

BNA_F

ClientSampleId :

B-PHCMSD

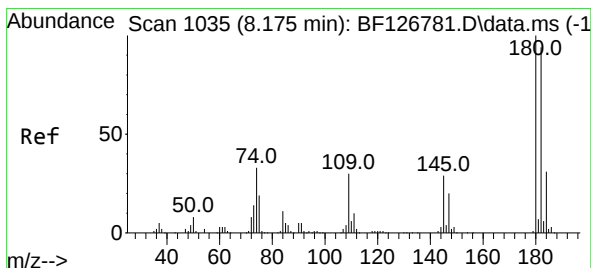
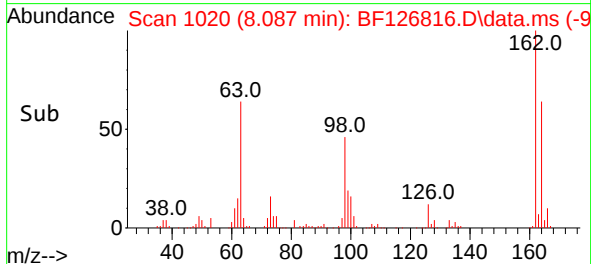
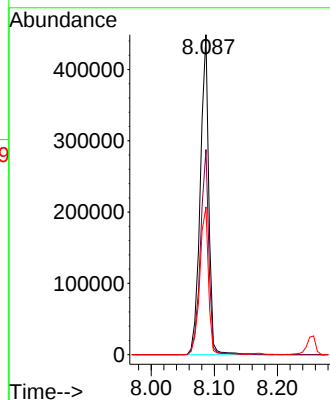
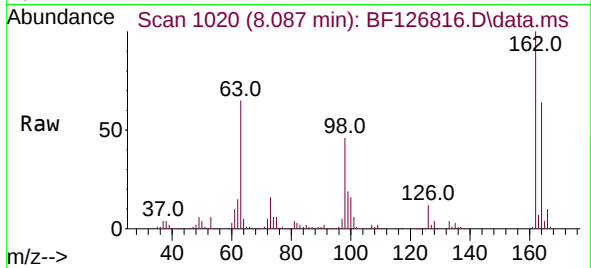
Tgt Ion:162	Resp:	41766
Ion Ratio	Lower	Upper
162	100	
164	64.1	43.8 83.8
98	46.2	23.6 63.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2022

Supervised By :Jagrut Upadhyay 02/07/2022



#30

1,2,4-Trichlorobenzene

Concen: 46.544 ng

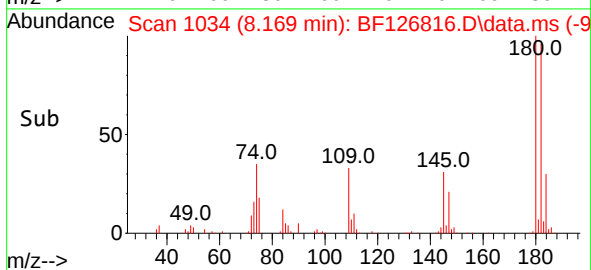
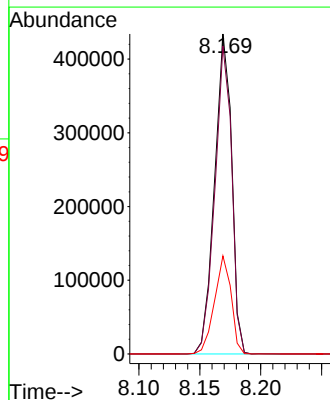
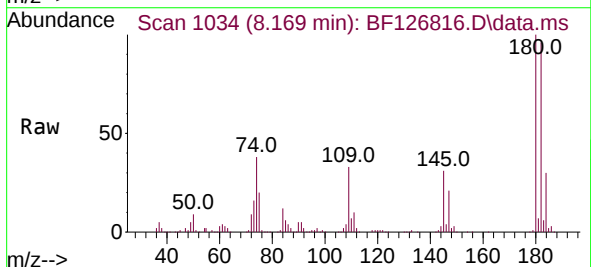
RT: 8.169 min Scan# 1034

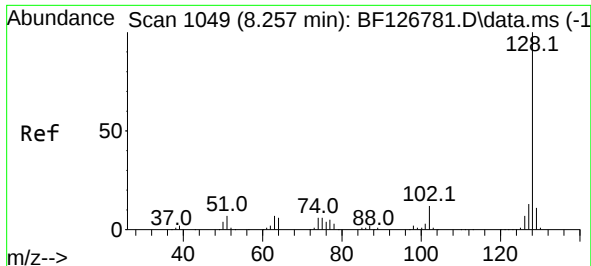
Delta R.T. -0.006 min

Lab File: BF126816.D

Acq: 04 Feb 2022 17:38

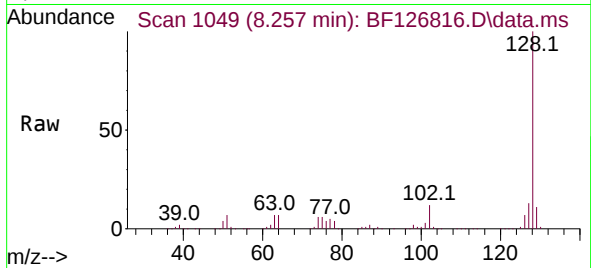
Tgt Ion:180	Resp:	423848
Ion Ratio	Lower	Upper
180	100	
182	96.2	75.5 113.3
145	30.7	26.2 39.2





#31
Naphthalene
Concen: 47.613 ng
RT: 8.257 min Scan# 1049
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

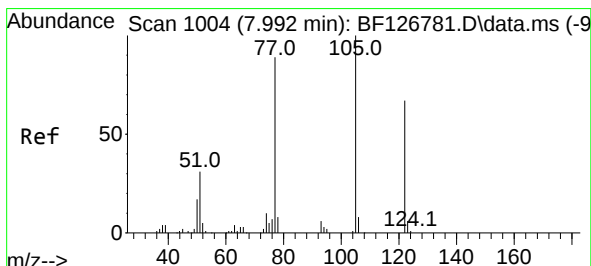
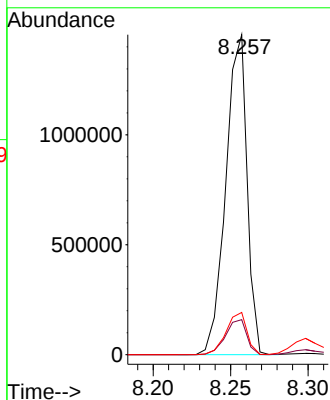
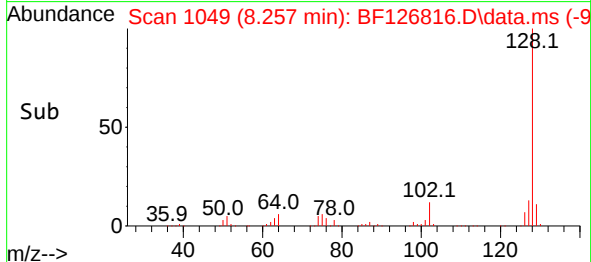
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



Tgt Ion:128 Resp: 138652
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.3 15.5

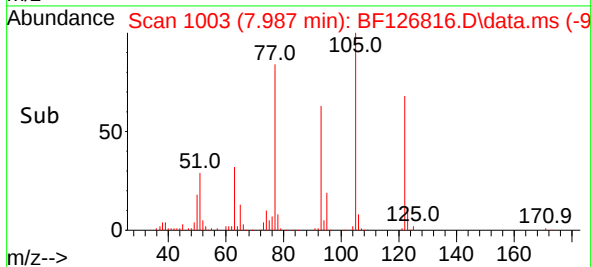
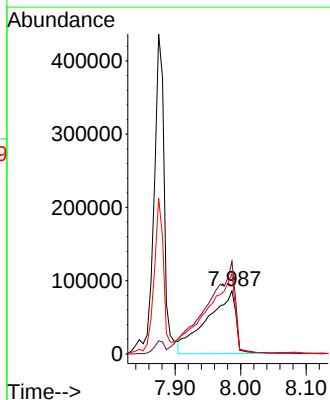
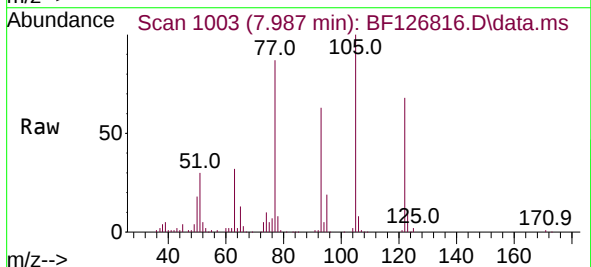
Manual Integrations
APPROVED

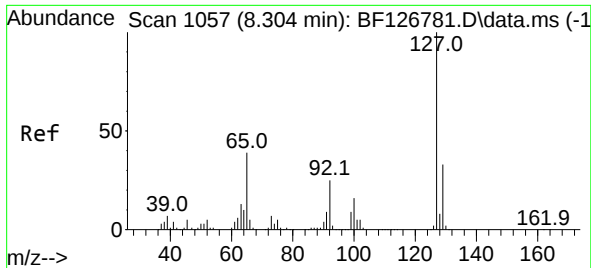
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#32
Benzoic acid
Concen: 39.404 ng
RT: 7.987 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Tgt Ion:122 Resp: 261578
Ion Ratio Lower Upper
122 100
105 146.6 101.0 141.0#
77 127.3 74.5 114.5#





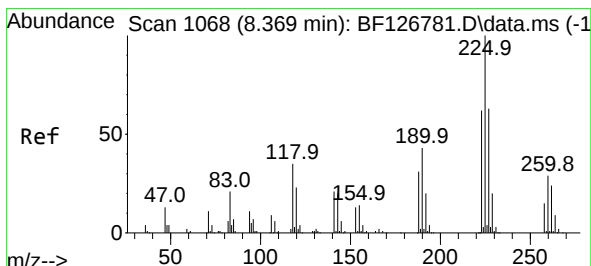
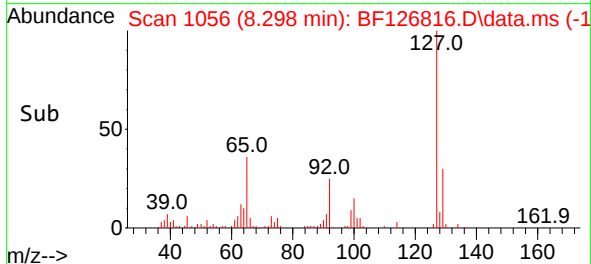
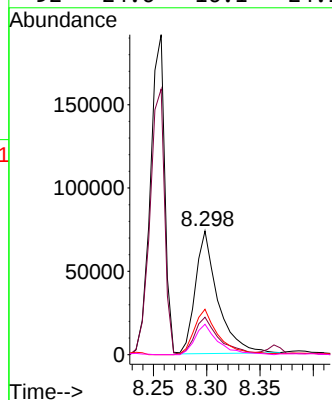
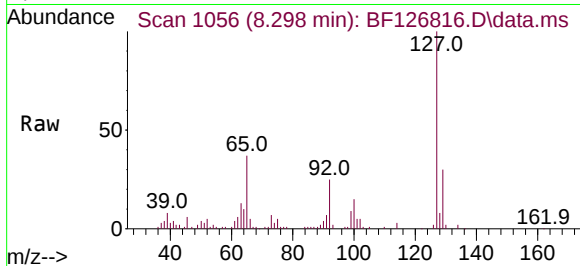
#33
4-Chloroaniline
Concen: 9.145 ng
RT: 8.298 min Scan# 1056
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Instrument :
BNA_F
ClientSampleId :
B-PHCMSD

Tgt Ion:127 Resp: 107609
Ion Ratio Lower Upper
127 100
129 30.2 26.5 39.7
65 36.7 26.6 39.8
92 24.6 16.1 24.1#

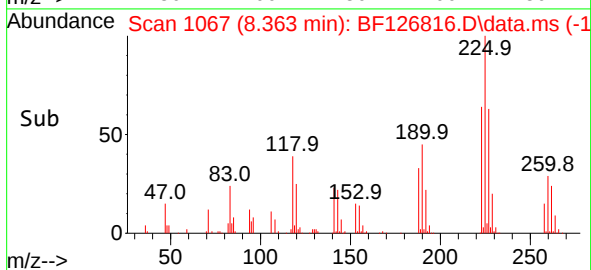
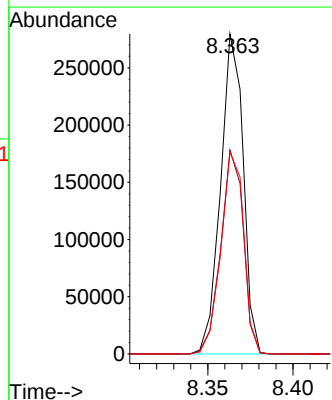
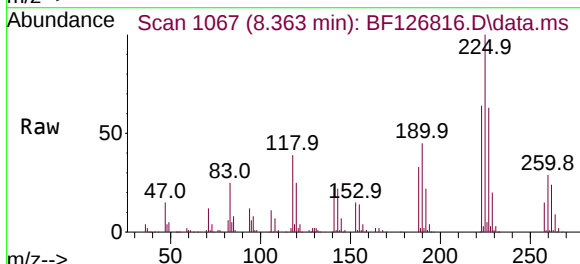
Manual Integrations
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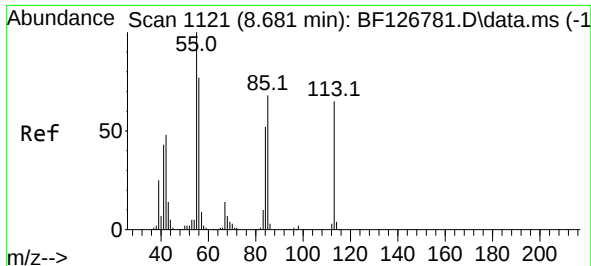
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#34
Hexachlorobutadiene
Concen: 45.151 ng
RT: 8.363 min Scan# 1067
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

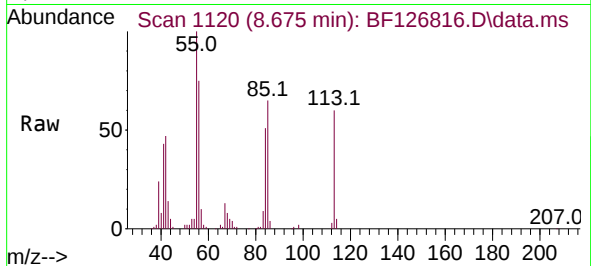
Tgt Ion:225 Resp: 257721
Ion Ratio Lower Upper
225 100
223 63.7 48.6 73.0
227 63.1 51.4 77.0





#35
Caprolactam
Concen: 41.783 ng m
RT: 8.675 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

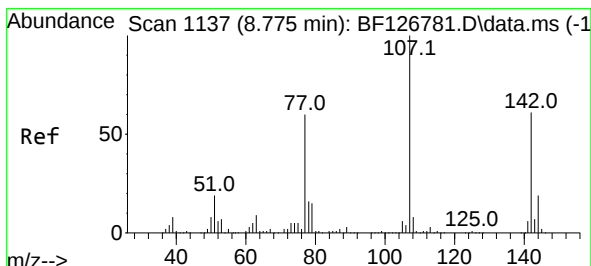
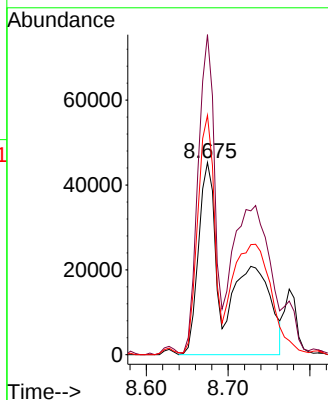
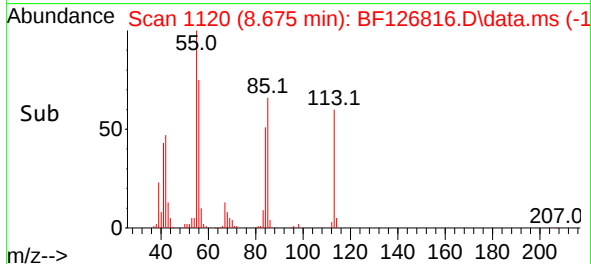
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



Tgt Ion:113 Resp: 128744
Ion Ratio Lower Upper
113 100
55 166.5 183.9 223.9
56 124.5 129.9 169.9

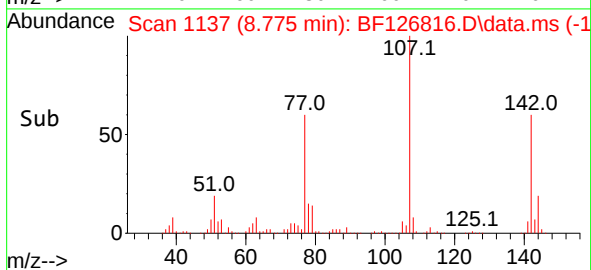
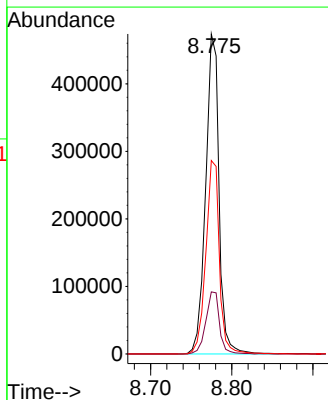
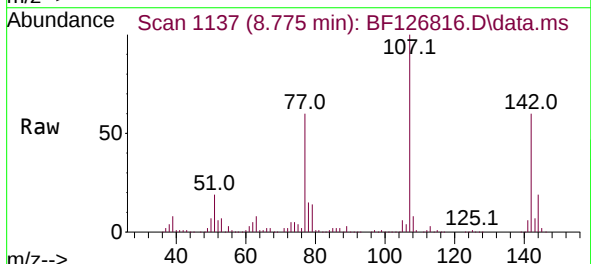
Manual Integrations
APPROVED

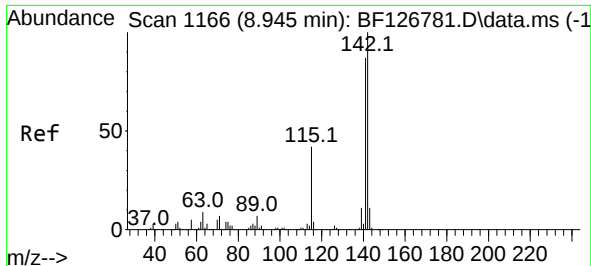
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#36
4-Chloro-3-methylphenol
Concen: 49.983 ng
RT: 8.775 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Tgt Ion:107 Resp: 539495
Ion Ratio Lower Upper
107 100
144 19.4 18.5 27.7
142 60.5 58.1 87.1





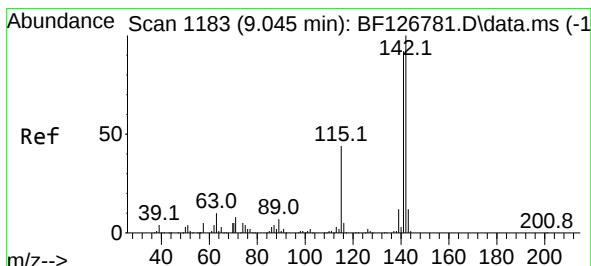
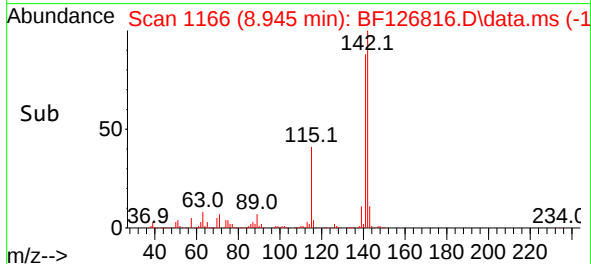
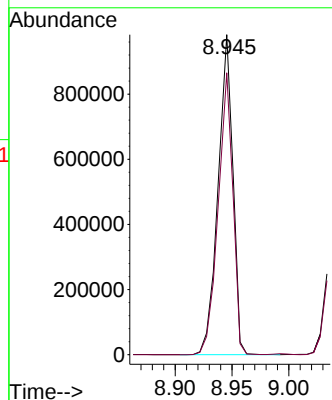
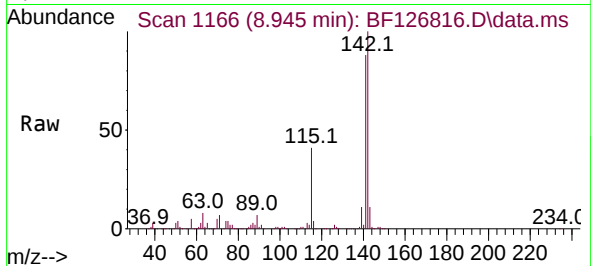
#37
2-Methylnaphthalene
Concen: 49.736 ng
RT: 8.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Instrument :
BNA_F
ClientSampleId :
B-PHCMSD

Tgt Ion:142 Resp: 89244
Ion Ratio Lower Upper
142 100
141 88.1 68.6 102.8

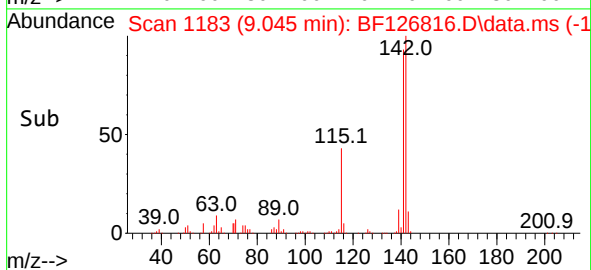
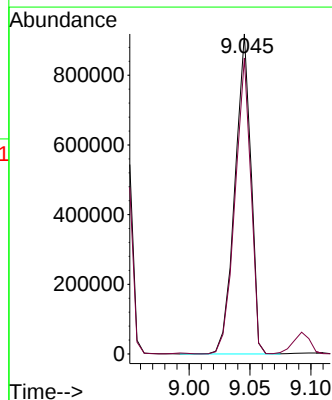
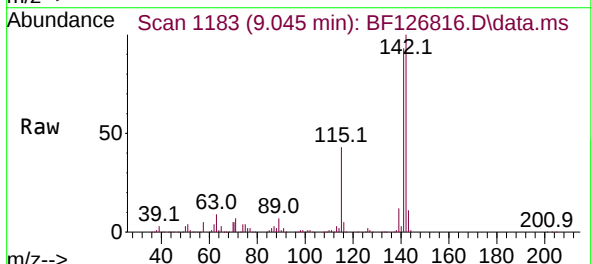
Manual Integrations
APPROVED

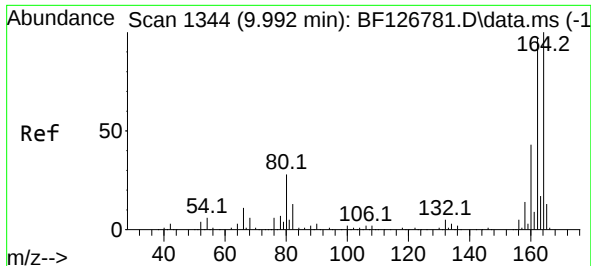
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#38
1-Methylnaphthalene
Concen: 48.683 ng
RT: 9.045 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

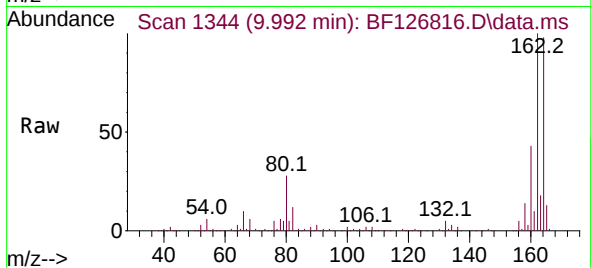
Tgt Ion:142 Resp: 840878
Ion Ratio Lower Upper
142 100
141 92.5 72.1 108.1





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.992 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

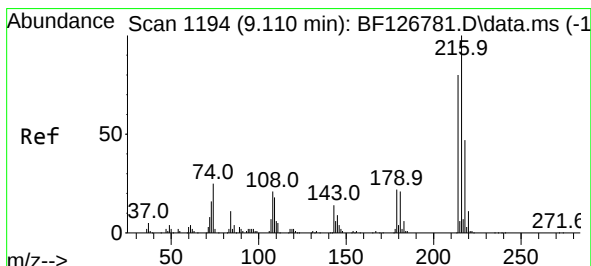
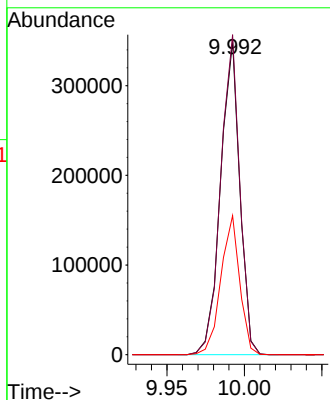
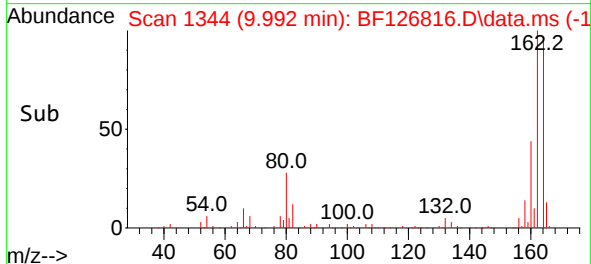
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



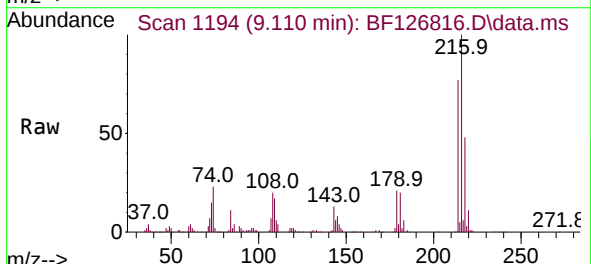
Tgt Ion:164 Resp: 301428
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 44.4 36.6 54.8

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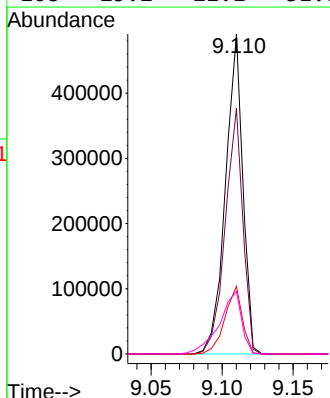
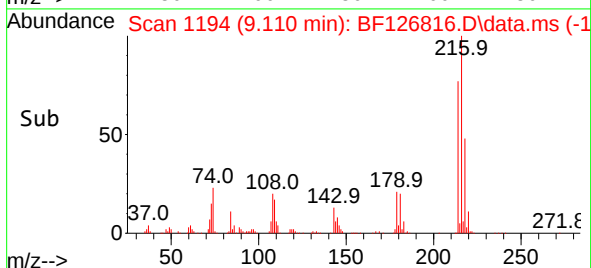
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

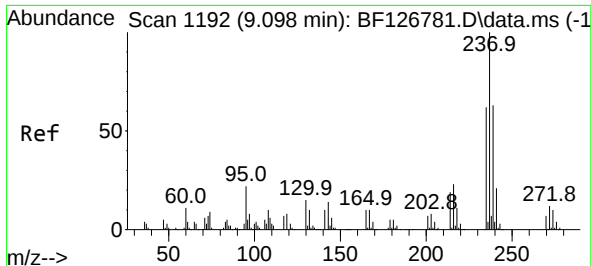


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.065 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



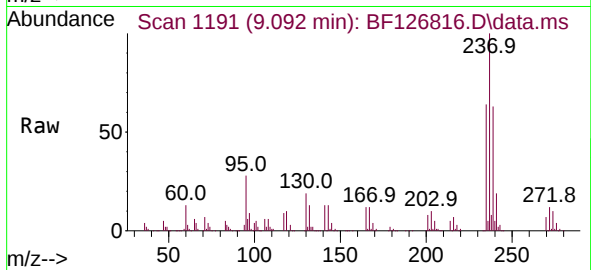
Tgt Ion:216 Resp: 417150
Ion Ratio Lower Upper
216 100
214 77.8 64.6 96.8
179 21.3 19.5 29.3
108 25.2 21.1 31.7





#41
Hexachlorocyclopentadiene
Concen: 100.246 ng
RT: 9.092 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

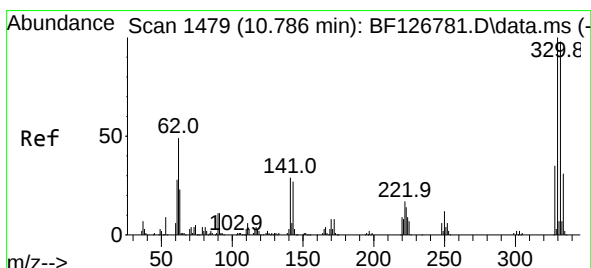
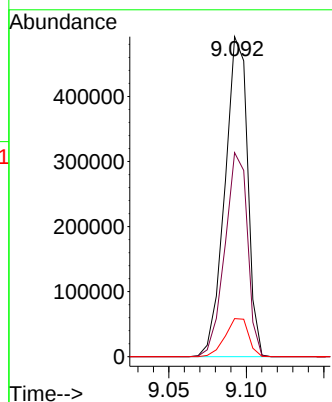
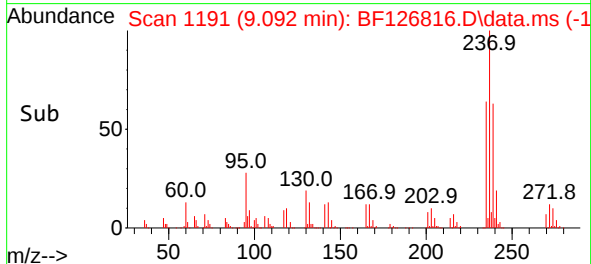
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



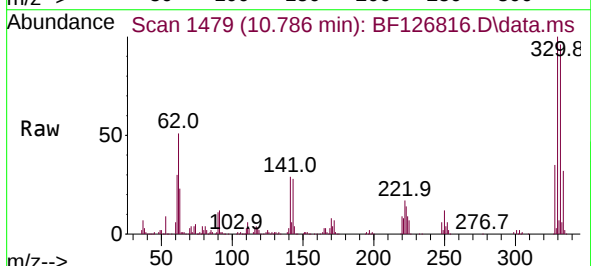
Tgt Ion:237 Resp: 501482
Ion Ratio Lower Upper
237 100
235 63.8 38.9 78.9
272 11.9 0.0 33.5

Manual Integrations
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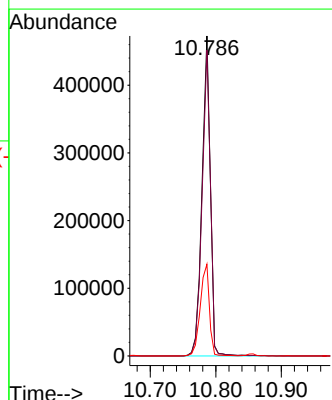
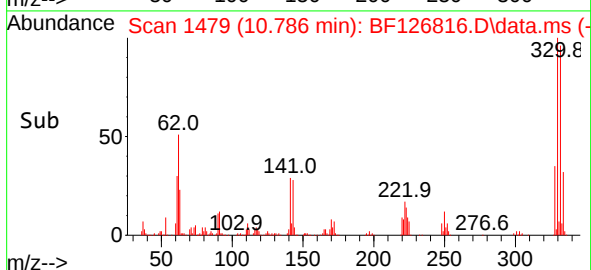
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

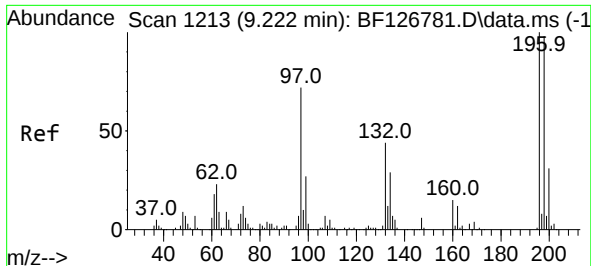


#42
2,4,6-Tribromophenol
Concen: 134.184 ng
RT: 10.786 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



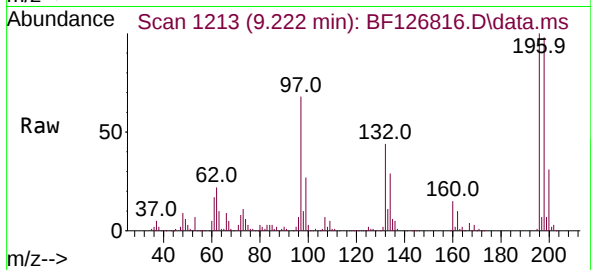
Tgt Ion:330 Resp: 419772
Ion Ratio Lower Upper
330 100
332 95.9 76.0 114.0
141 31.5 30.1 45.1





#43
2,4,6-Trichlorophenol
Concen: 47.999 ng
RT: 9.222 min Scan# 1213
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

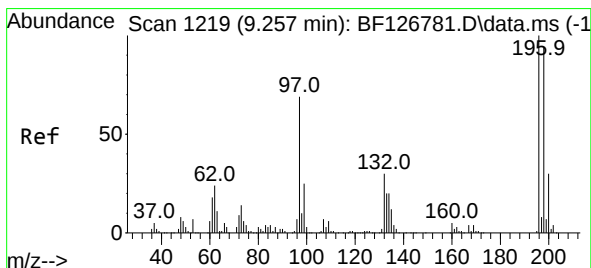
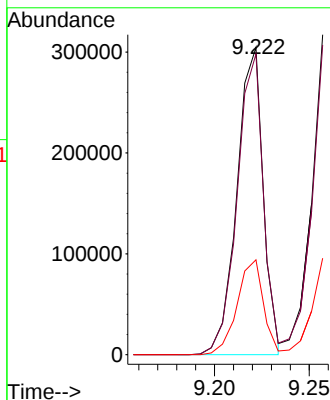
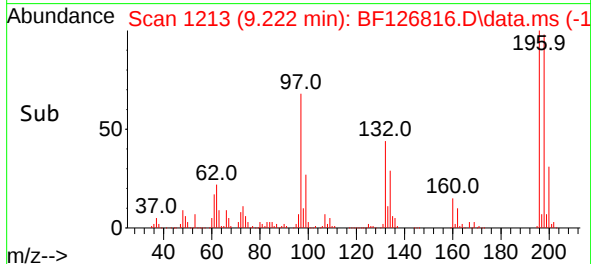
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



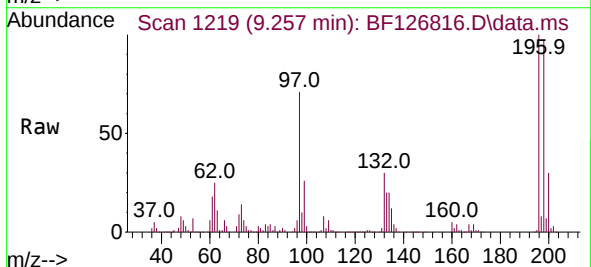
Tgt Ion:196 Resp: 293460
Ion Ratio Lower Upper
196 100
198 97.8 78.5 117.7
200 30.9 24.9 37.3

Manual Integrations
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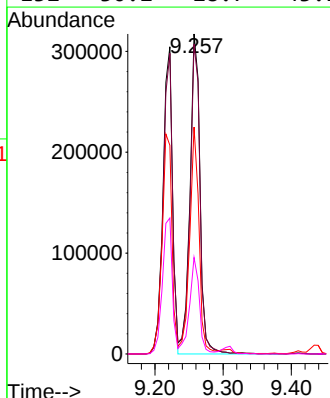
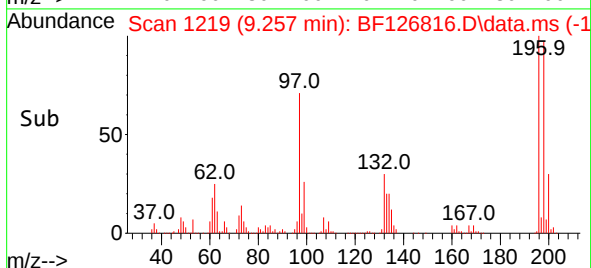
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

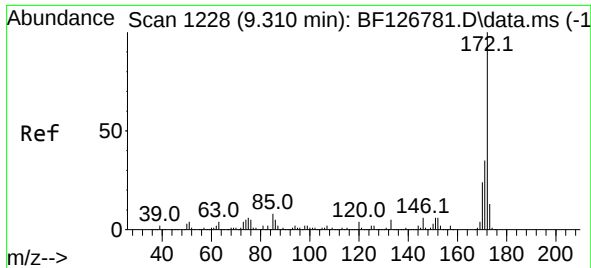


#44
2,4,5-Trichlorophenol
Concen: 50.493 ng
RT: 9.257 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



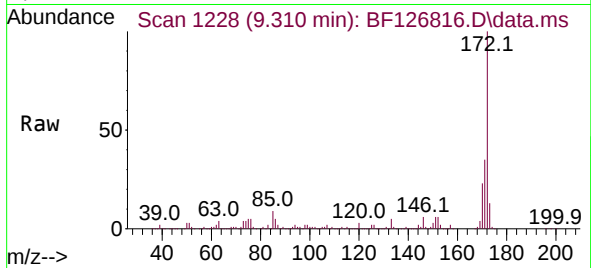
Tgt Ion:196 Resp: 322304
Ion Ratio Lower Upper
196 100
198 96.8 82.0 123.0
97 70.9 53.5 80.3
132 30.2 28.7 43.1





#45
2-Fluorobiphenyl
Concen: 90.641 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

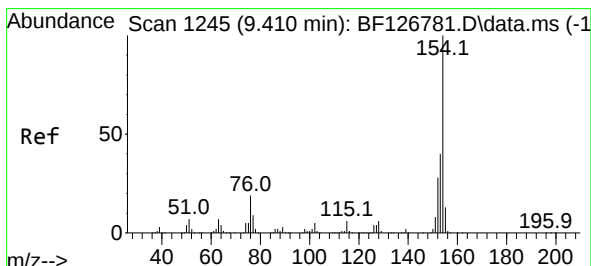
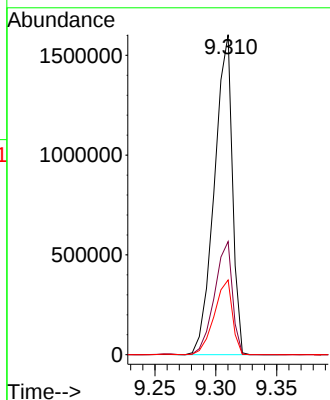
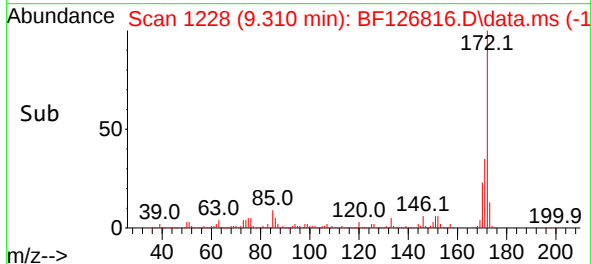
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



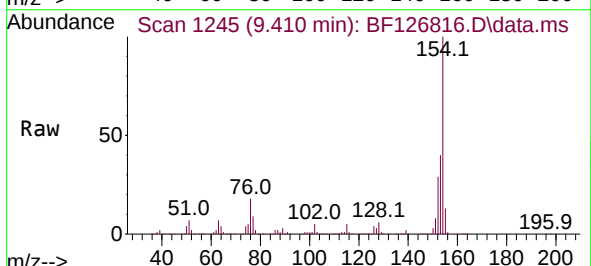
Tgt Ion:172 Resp: 165003
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.4 19.0 28.6

Manual Integrations
APPROVED

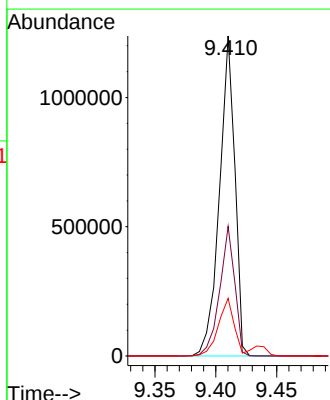
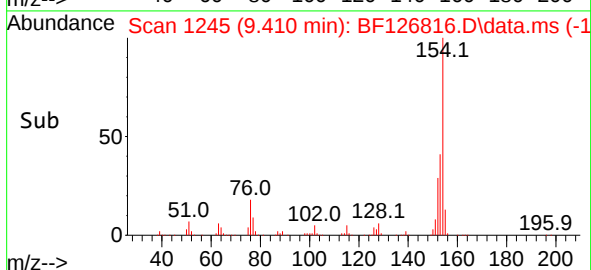
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

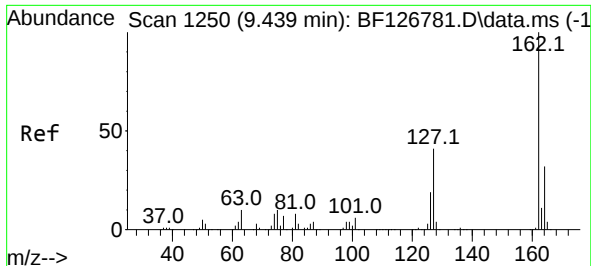


#46
1,1'-Biphenyl
Concen: 49.493 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



Tgt Ion:154 Resp: 1092620
Ion Ratio Lower Upper
154 100
153 40.5 19.0 59.0
76 18.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 49.122 ng

RT: 9.439 min Scan# 1250

Delta R.T. 0.000 min

Lab File: BF126816.D

Acq: 04 Feb 2022 17:38

Instrument :

BNA_F

ClientSampleId :

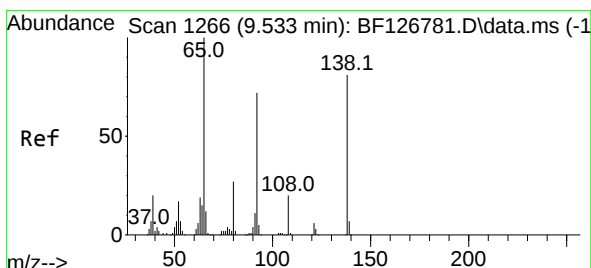
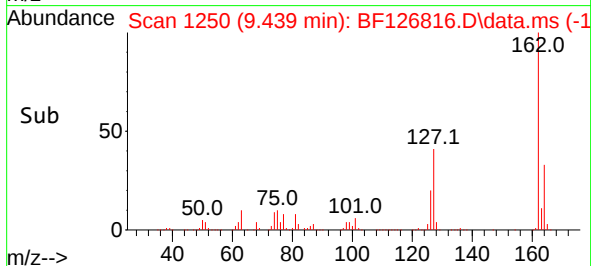
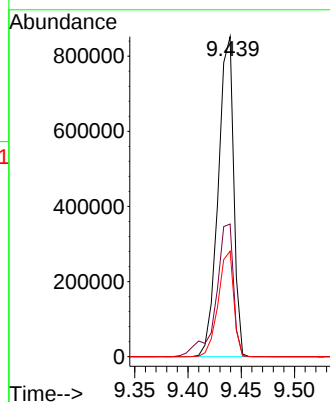
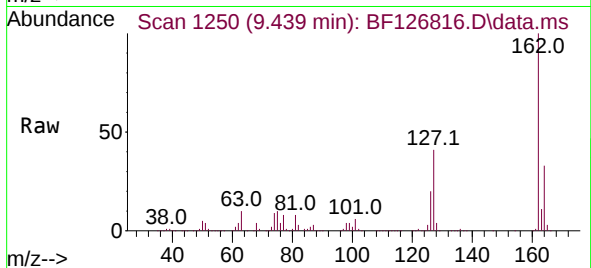
B-PHCMSD

Tgt Ion:	162	Resp:	859629
Ion Ratio	Lower	Upper	
162	100		
127	41.5	33.5	50.3
164	32.9	26.2	39.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#48

2-Nitroaniline

Concen: 50.837 ng

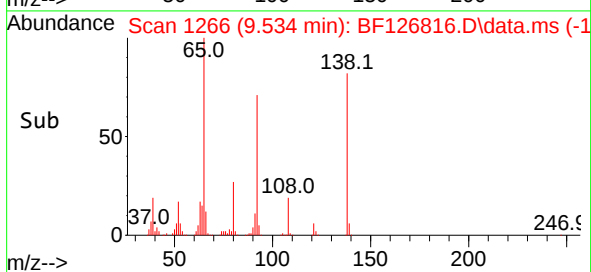
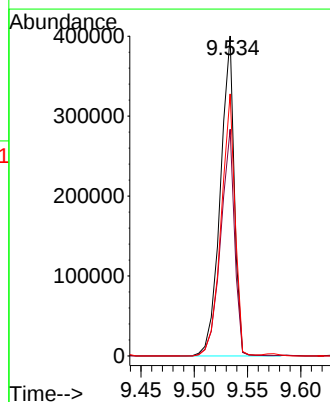
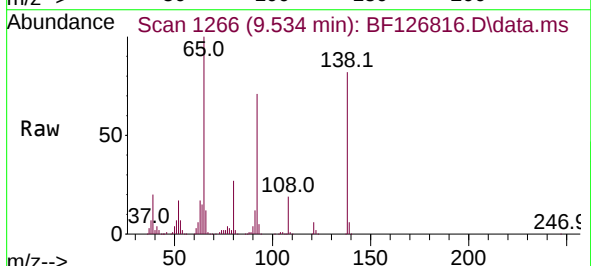
RT: 9.534 min Scan# 1266

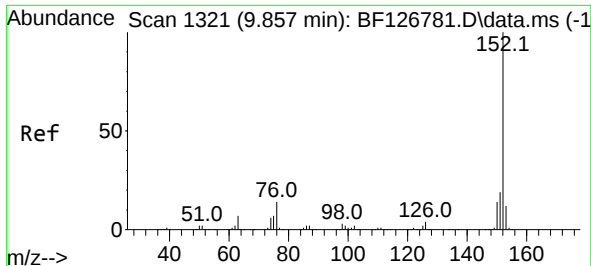
Delta R.T. 0.000 min

Lab File: BF126816.D

Acq: 04 Feb 2022 17:38

Tgt Ion:	65	Resp:	362721
Ion Ratio	Lower	Upper	
65	100		
92	70.8	54.4	81.6
138	81.9	72.5	108.7





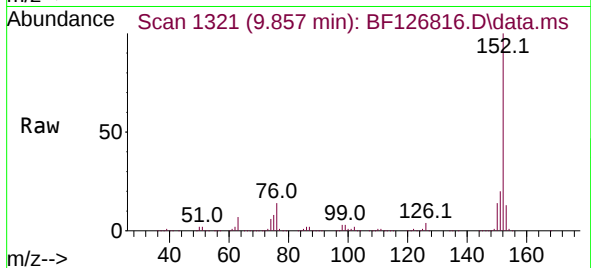
#49
Acenaphthylene
Concen: 51.570 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Instrument :

BNA_F

ClientSampleId :

B-PHCMSD

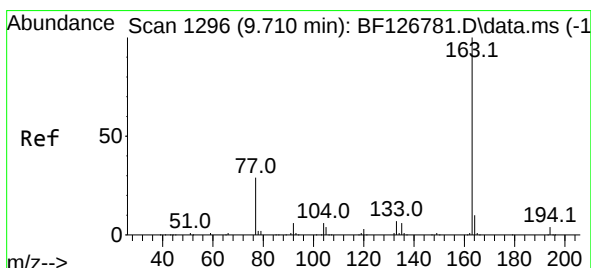
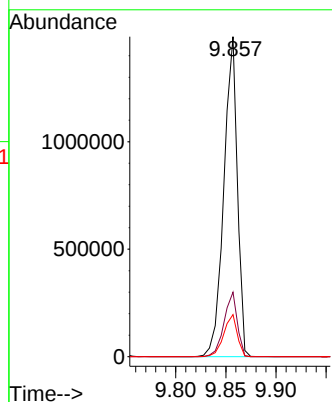
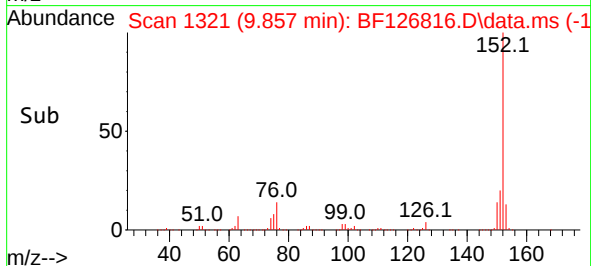


Tgt Ion:152 Resp: 1393390
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 13.2 11.4 17.0

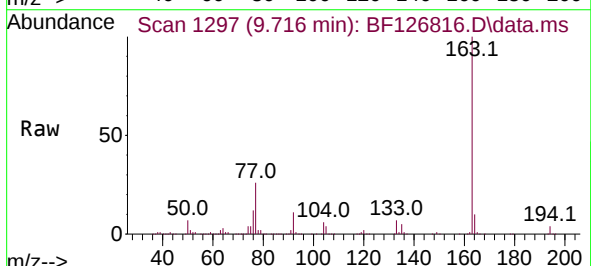
Manual Integrations

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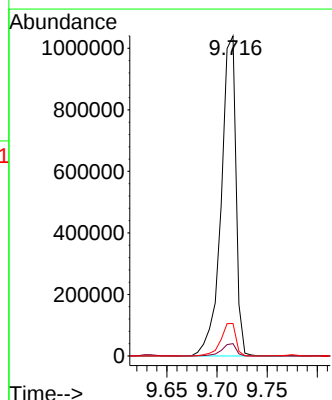
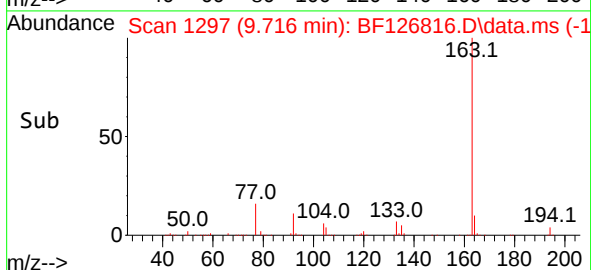
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

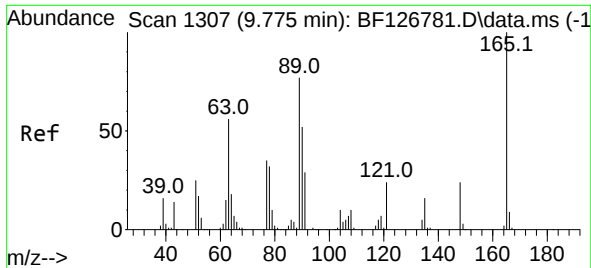


#50
Dimethylphthalate
Concen: 51.207 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



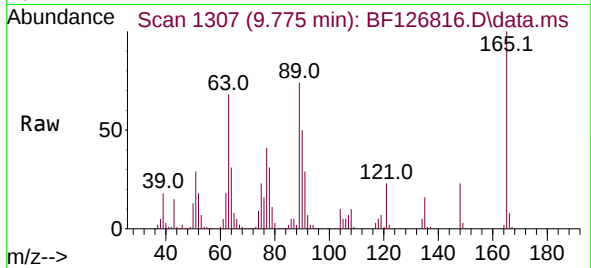
Tgt Ion:163 Resp: 1066925
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 10.1 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 54.290 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

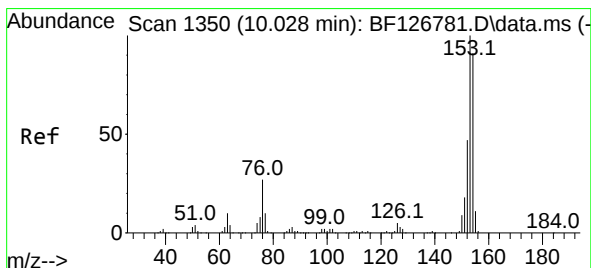
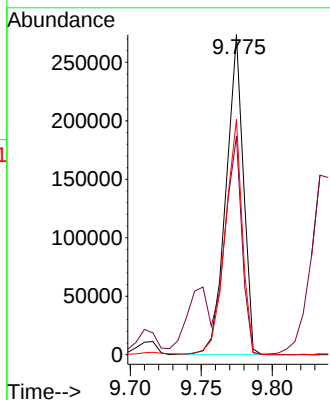
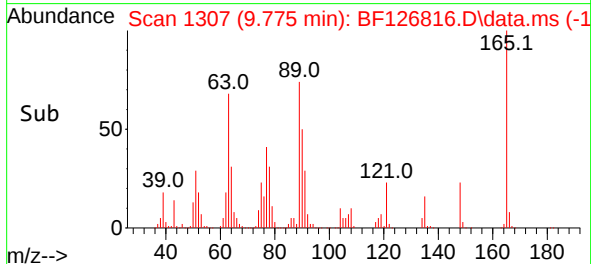
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



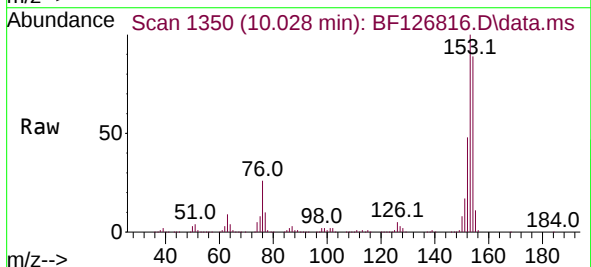
Tgt Ion:165 Resp: 23236
Ion Ratio Lower Upper
165 100
63 68.2 48.4 72.6
89 73.5 50.5 75.7

Manual Integrations
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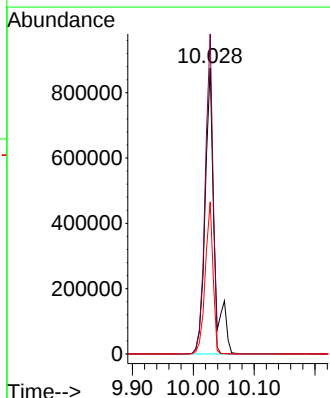
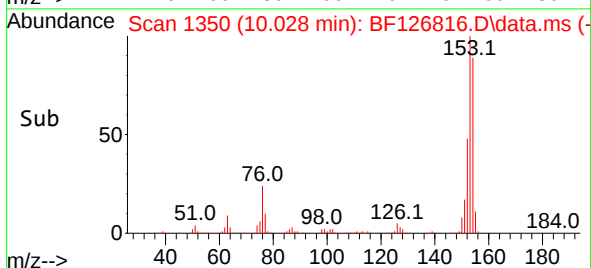
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

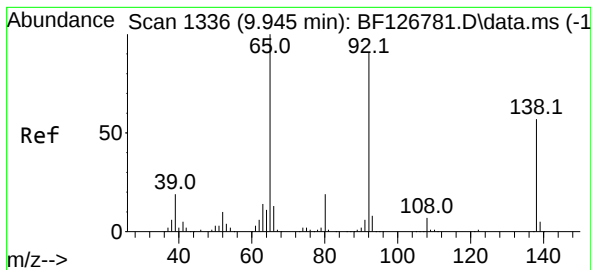


#52
Acenaphthene
Concen: 53.894 ng
RT: 10.028 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



Tgt Ion:154 Resp: 928449
Ion Ratio Lower Upper
154 100
153 111.9 87.8 131.6
152 53.2 39.4 59.2





#53
3-Nitroaniline
Concen: 25.175 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Instrument :

BNA_F

ClientSampleId :

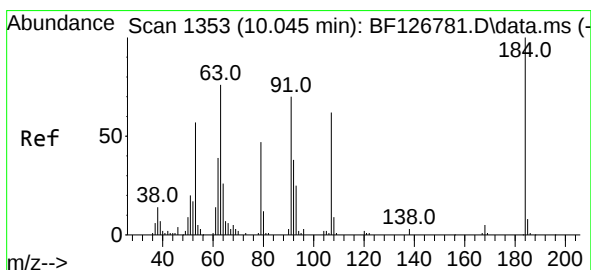
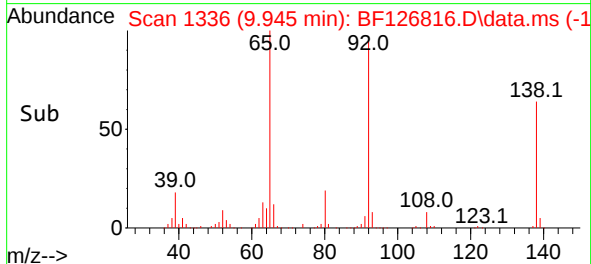
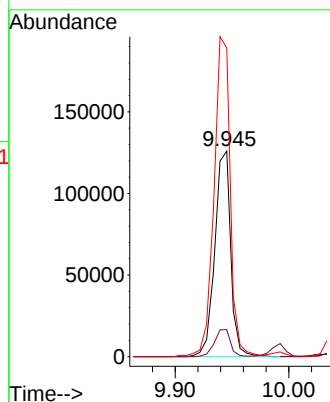
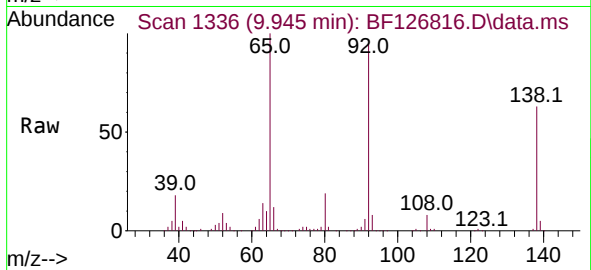
B-PHCMSD

Tgt Ion:138 Resp: 122782
Ion Ratio Lower Upper
138 100
108 13.2 8.6 13.0
92 150.2 105.0 157.6

Manual Integrations

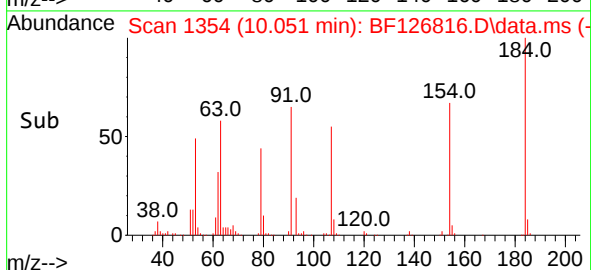
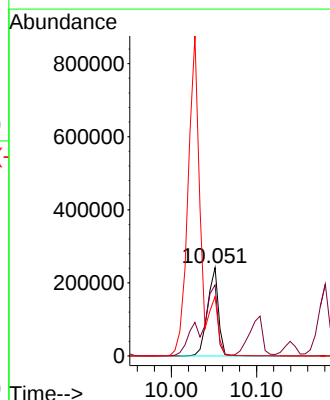
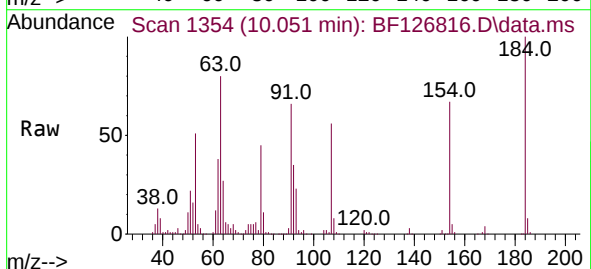
APPROVED

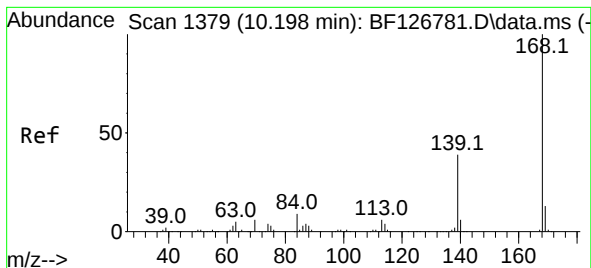
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#54
2,4-Dinitrophenol
Concen: 95.698 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

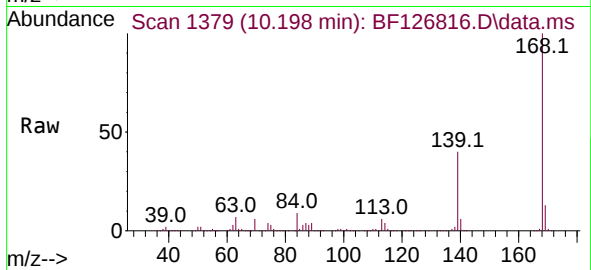
Tgt Ion:184 Resp: 215751
Ion Ratio Lower Upper
184 100
63 80.4 70.4 105.6
154 67.3 49.7 74.5





#55
Dibenzenofuran
Concen: 47.519 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

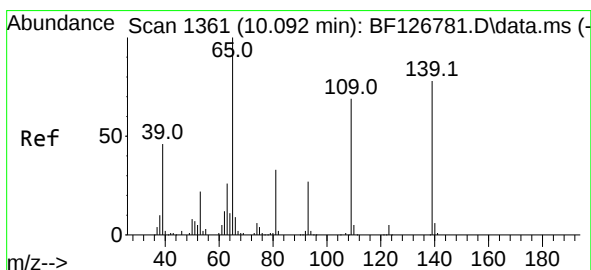
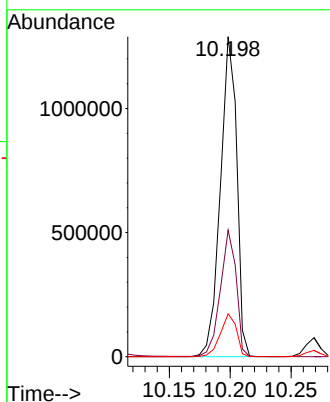
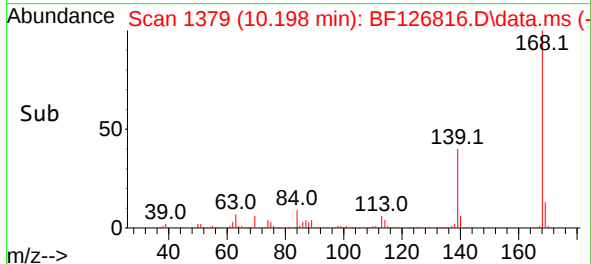
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



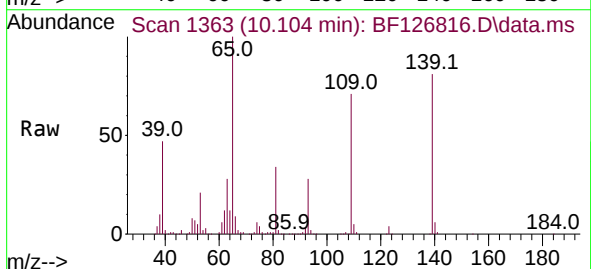
Tgt Ion:168 Resp: 1208310
Ion Ratio Lower Upper
168 100
139 39.6 30.6 46.0
169 13.4 10.0 15.0

Manual Integrations
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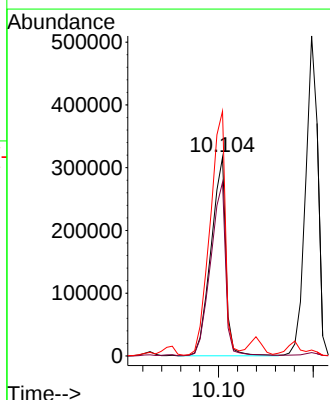
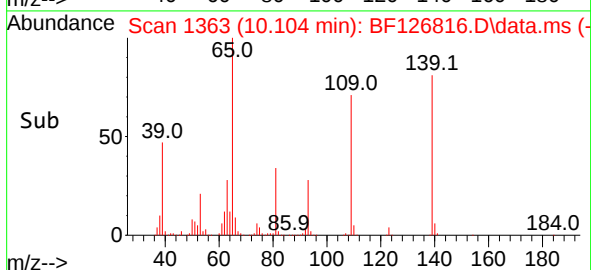
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

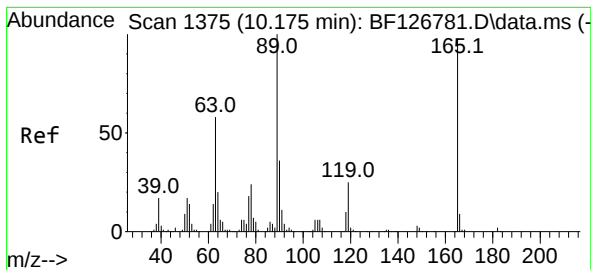


#56
4-Nitrophenol
Concen: 93.096 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



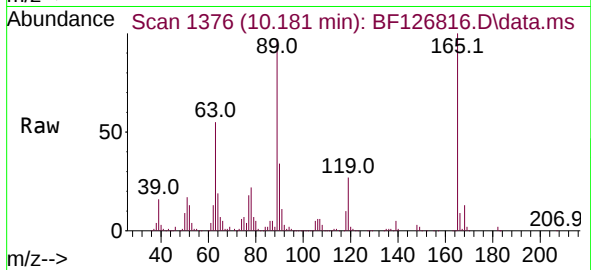
Tgt Ion:139 Resp: 343860
Ion Ratio Lower Upper
139 100
109 87.4 44.1 84.1#
65 123.3 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 53.838 ng
RT: 10.181 min Scan# 1376
Delta R.T. 0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

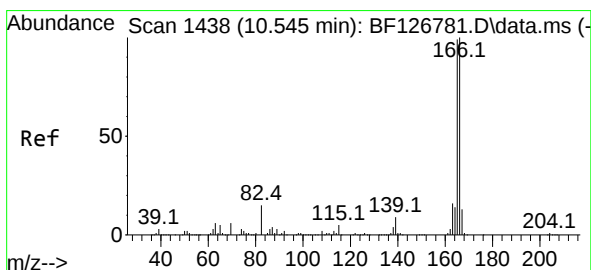
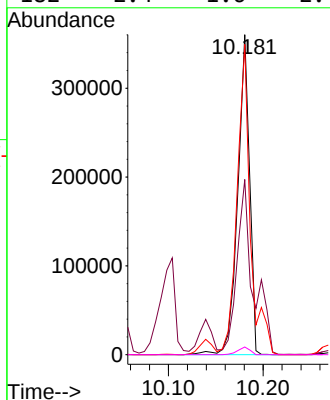
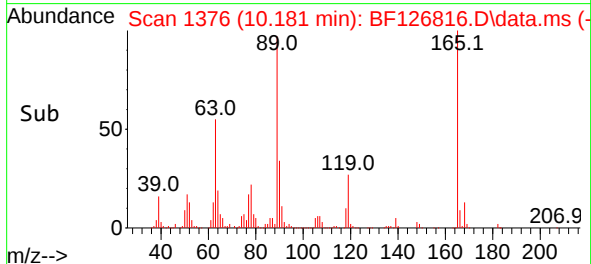
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



Tgt Ion:165 Resp: 31230
Ion Ratio Lower Upper
165 100
63 54.8 43.0 64.6
89 97.0 71.0 106.4
182 2.4 1.6 2.4#

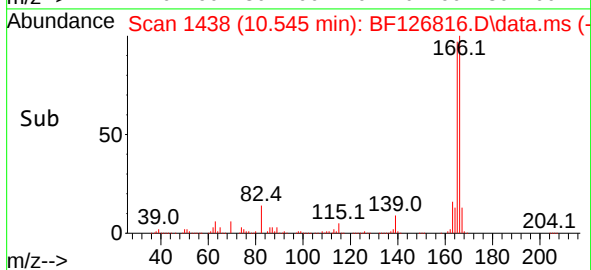
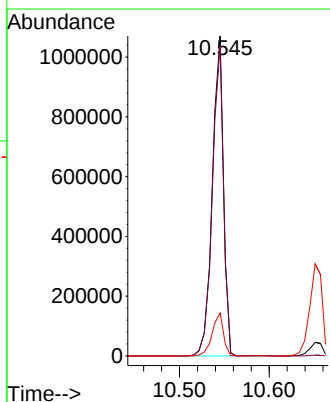
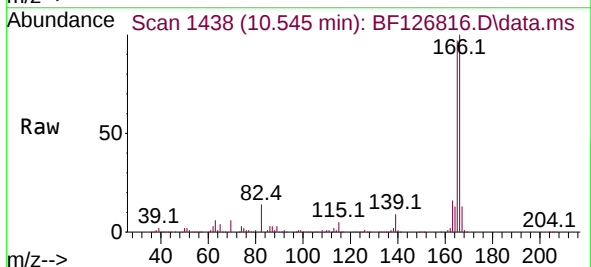
Manual Integrations
APPROVED

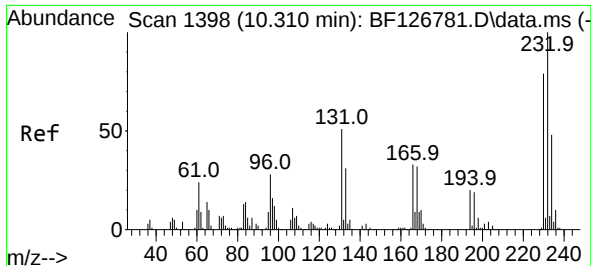
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#58
Fluorene
Concen: 49.120 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

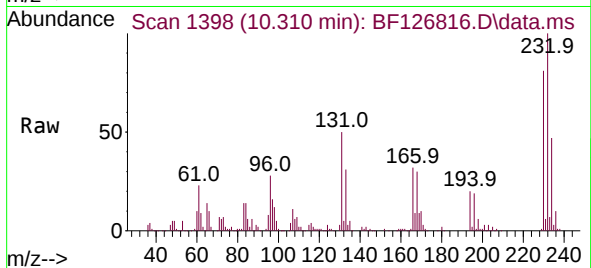
Tgt Ion:166 Resp: 924130
Ion Ratio Lower Upper
166 100
165 97.0 77.7 116.5
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.889 ng
RT: 10.310 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

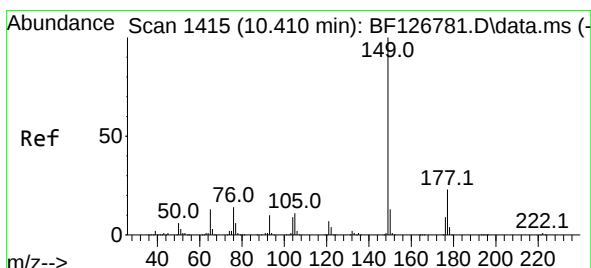
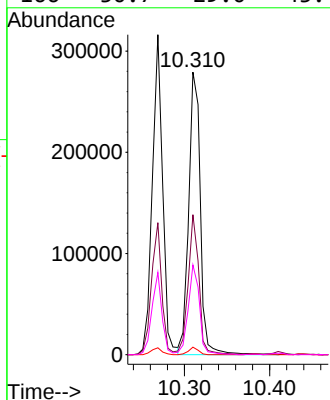
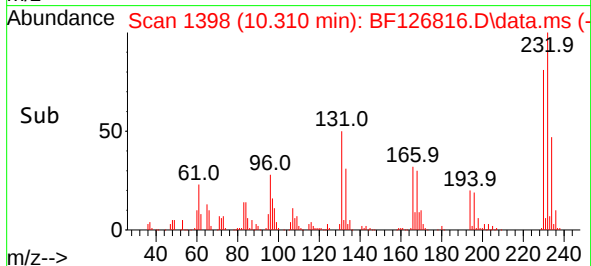
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



Tgt Ion:232 Resp: 264571
Ion Ratio Lower Upper
232 100
131 45.3 50.0 75.0
130 2.2 2.2 3.2
166 30.7 29.0 43.4

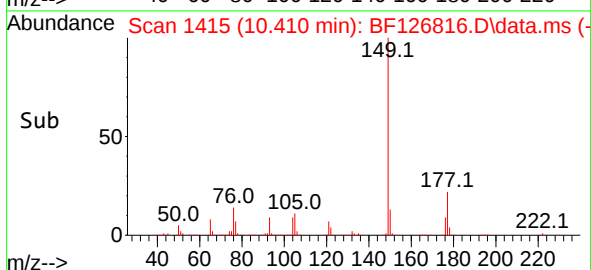
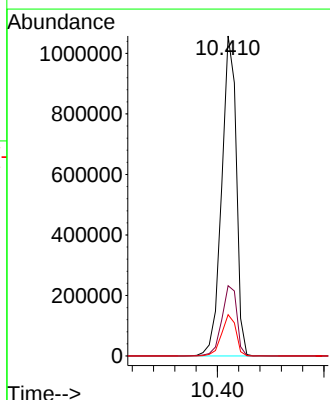
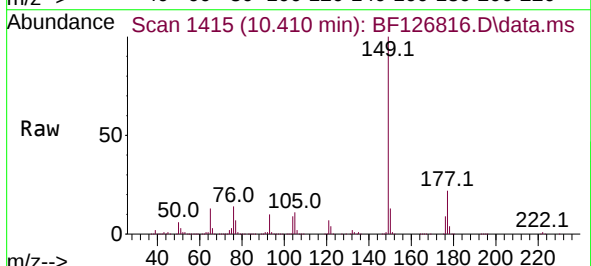
Manual Integrations
APPROVED

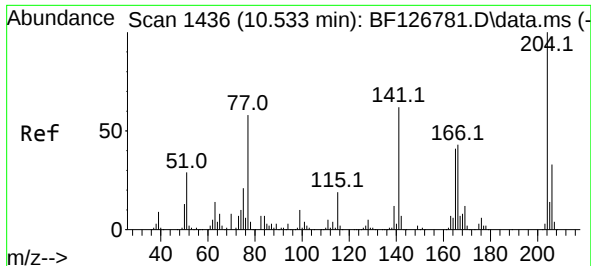
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#60
Diethylphthalate
Concen: 49.116 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Tgt Ion:149 Resp: 1005517
Ion Ratio Lower Upper
149 100
177 22.0 16.7 25.1
150 12.9 9.8 14.8





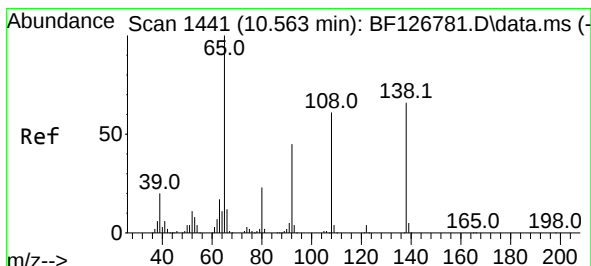
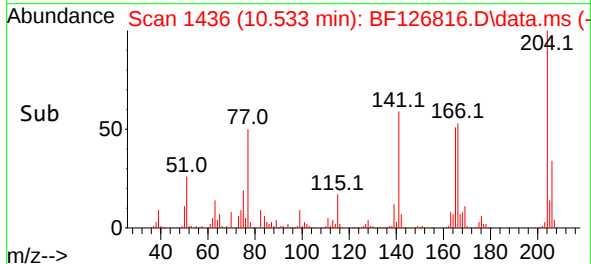
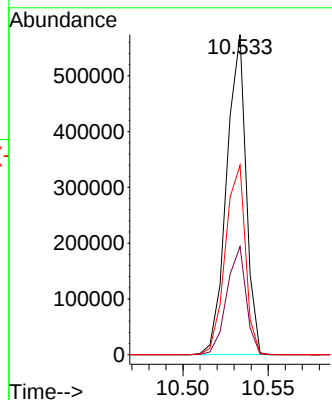
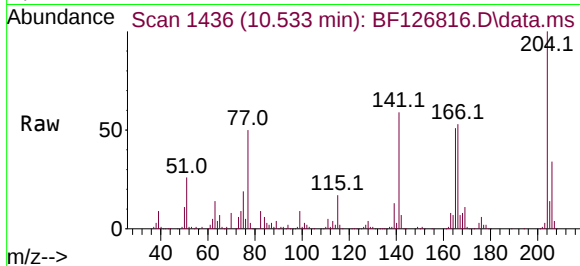
#61
4-Chlorophenyl-phenylether
Concen: 48.006 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Instrument :
BNA_F
ClientSampleId :
B-PHCMSD

Tgt Ion:204 Resp: 456852
Ion Ratio Lower Upper
204 100
206 33.8 26.3 39.5
141 59.2 59.0 88.6

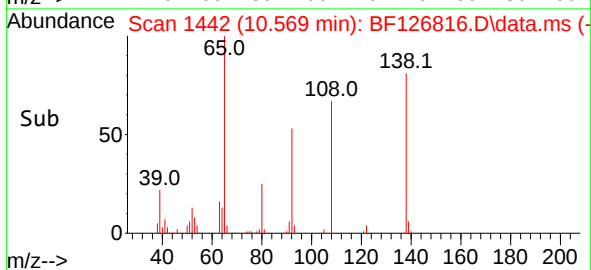
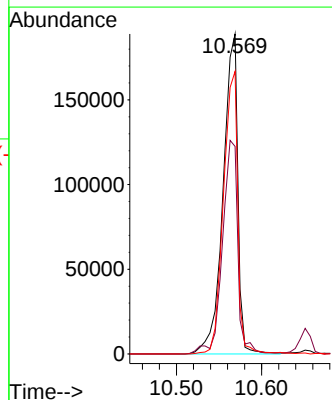
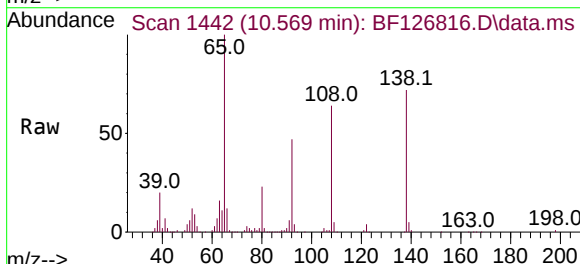
Manual Integrations
APPROVED

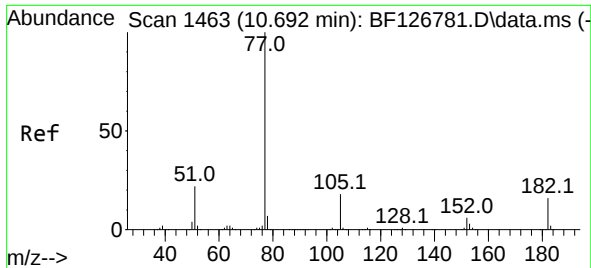
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#62
4-Nitroaniline
Concen: 49.343 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

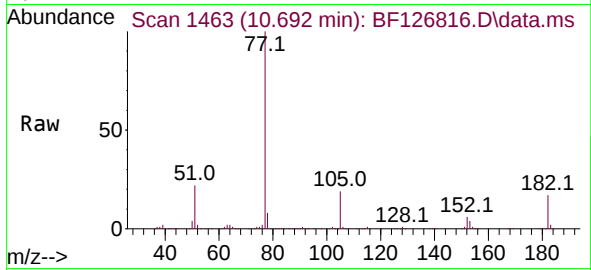
Tgt Ion:138 Resp: 228357
Ion Ratio Lower Upper
138 100
92 64.9 36.2 76.2
108 88.3 46.7 86.7#





#63
Azobenzene
Concen: 48.743 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

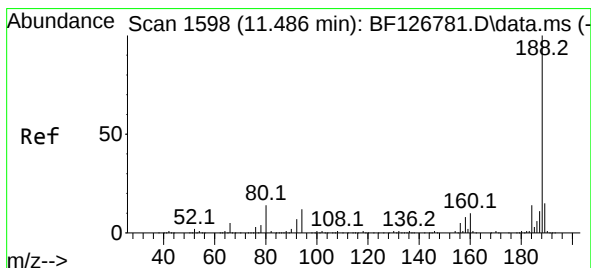
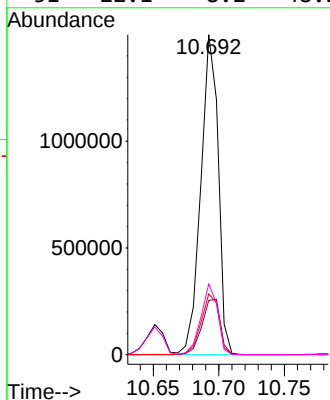
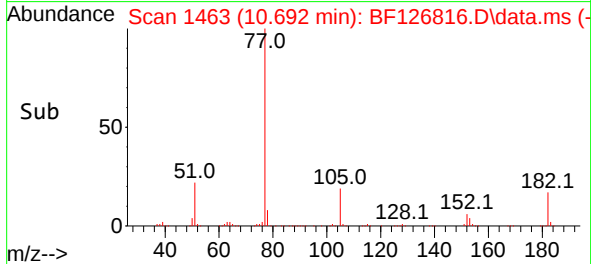
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



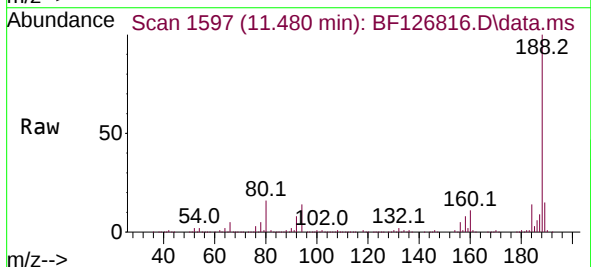
Tgt Ion: 77 Resp: 138456
Ion Ratio Lower Upper
77 100
182 16.9 0.0 39.0
105 19.0 3.2 43.2
51 22.1 8.2 48.2

Manual Integrations
APPROVED

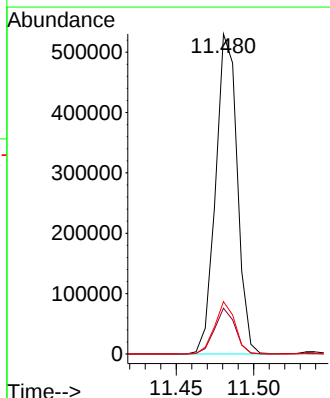
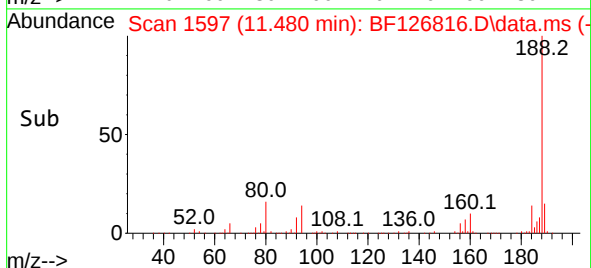
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

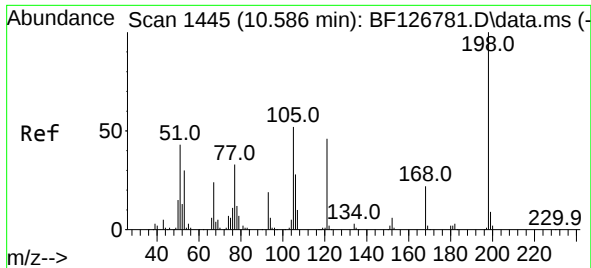


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



Tgt Ion:188 Resp: 513738
Ion Ratio Lower Upper
188 100
94 14.3 10.1 15.1
80 16.3 11.8 17.6





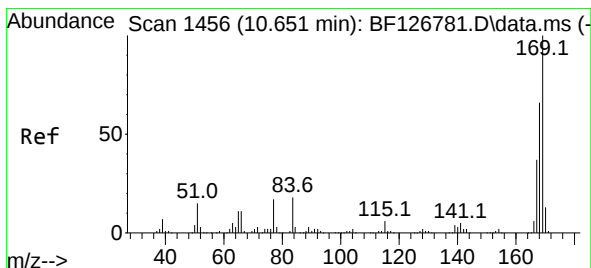
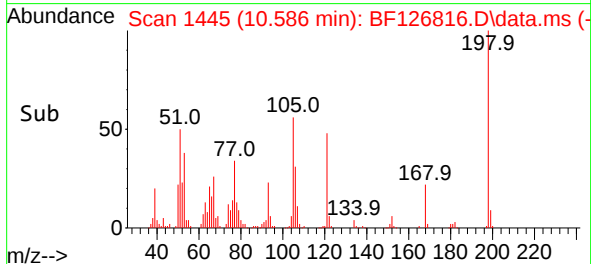
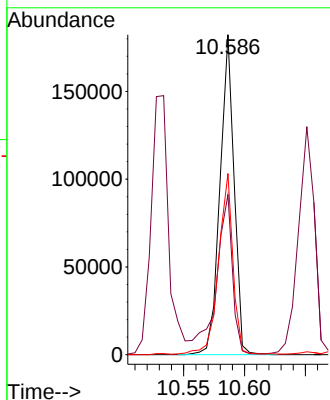
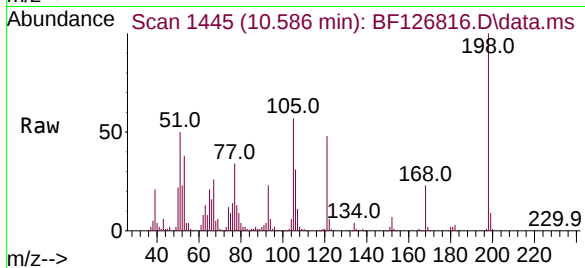
#65
4,6-Dinitro-2-methylphenol
Concen: 47.271 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Instrument :
BNA_F
ClientSampleId :
B-PHCMSD

Tgt Ion:198 Resp: 147318
Ion Ratio Lower Upper
198 100
51 50.0 32.0 72.0
105 56.6 32.7 72.7

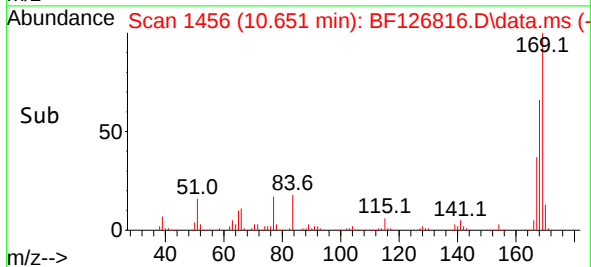
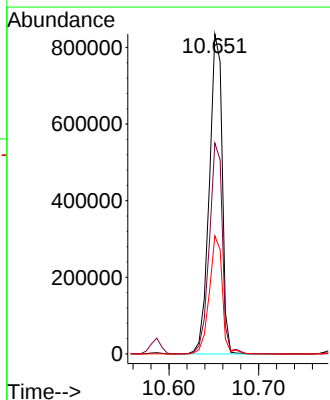
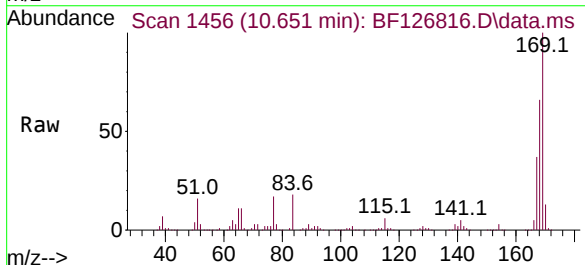
Manual Integrations
APPROVED

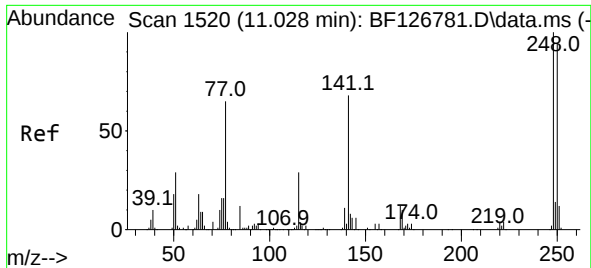
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#66
n-Nitrosodiphenylamine
Concen: 50.139 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

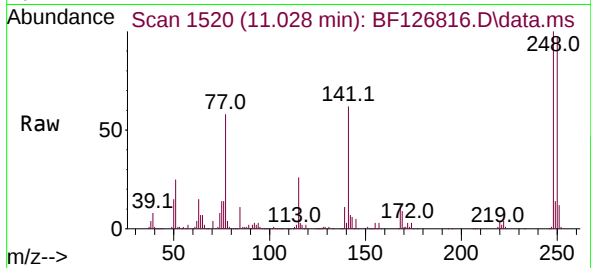
Tgt Ion:169 Resp: 828337
Ion Ratio Lower Upper
169 100
168 65.9 53.4 80.0
167 36.9 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 49.670 ng
RT: 11.028 min Scan# 1520
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

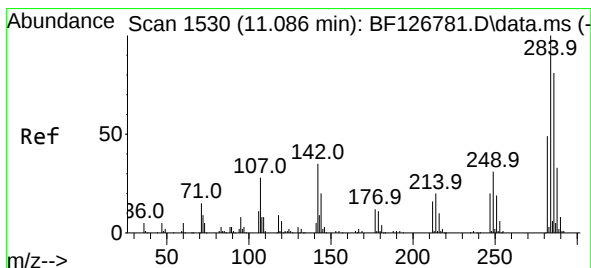
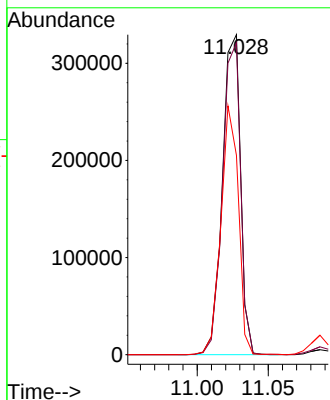
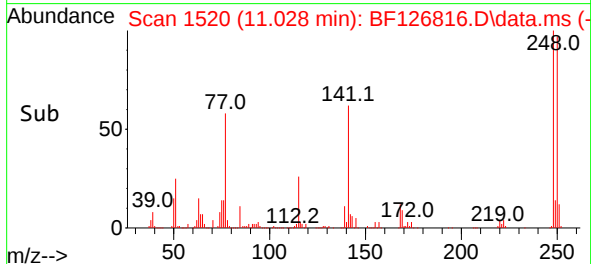
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



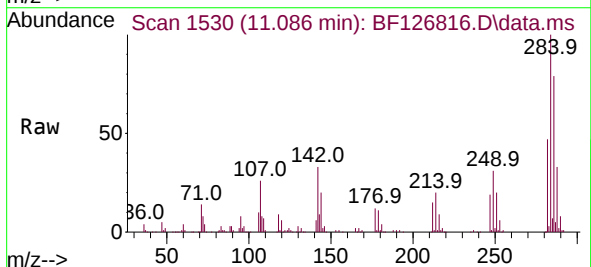
Tgt Ion:248 Resp: 29207
Ion Ratio Lower Upper
248 100
250 97.5 76.2 114.4
141 62.3 66.2 99.4

Manual Integrations
APPROVED

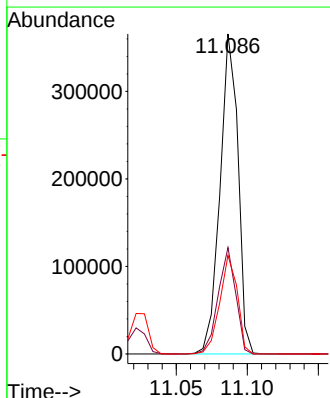
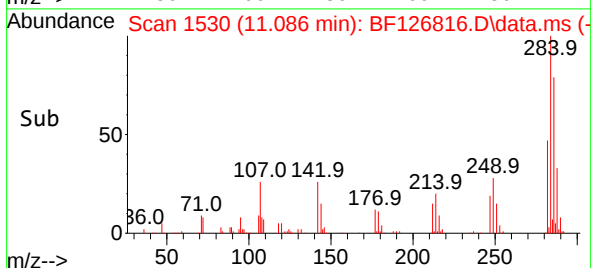
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

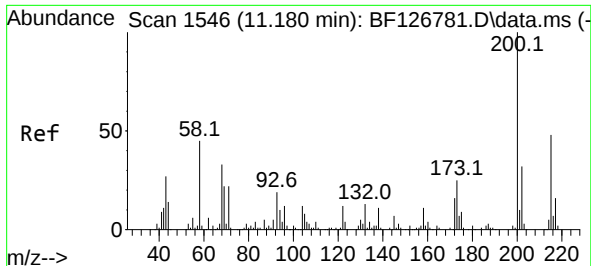


#68
Hexachlorobenzene
Concen: 49.933 ng
RT: 11.086 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



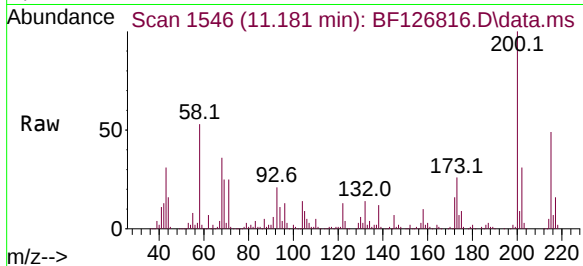
Tgt Ion:284 Resp: 321288
Ion Ratio Lower Upper
284 100
142 33.3 30.7 46.1
249 30.8 21.1 31.7





#69
 Atrazine
 Concen: 51.133 ng
 RT: 11.181 min Scan# 1546
 Delta R.T. 0.000 min
 Lab File: BF126816.D
 Acq: 04 Feb 2022 17:38

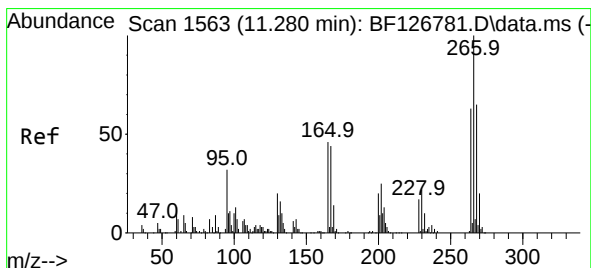
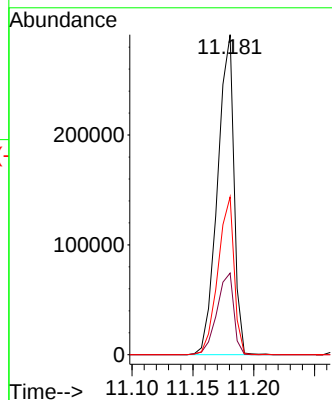
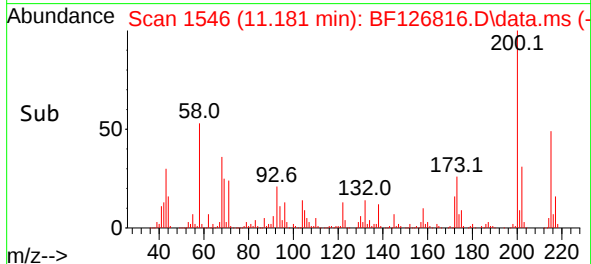
Instrument :
 BNA_F
 ClientSampleId :
 B-PHCMSD



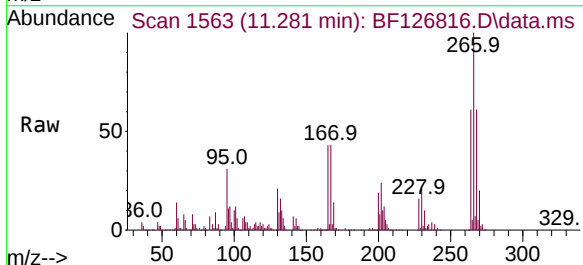
Tgt Ion:200 Resp: 274109
 Ion Ratio Lower Upper
 200 100
 173 25.5 9.2 49.2
 215 49.3 23.2 63.2

Manual Integrations
 APPROVED

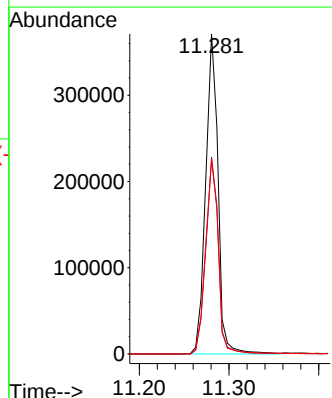
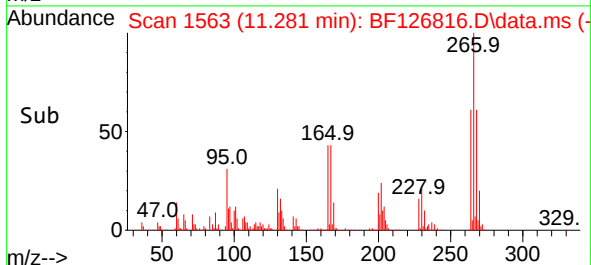
Reviewed By :Christian Giraldo 02/07/2022
 Supervised By :Jagrut Upadhyay 02/07/2022

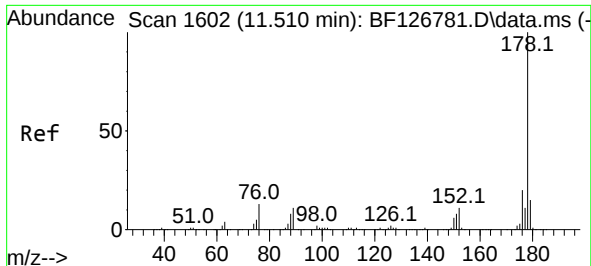


#70
 Pentachlorophenol
 Concen: 94.379 ng
 RT: 11.281 min Scan# 1563
 Delta R.T. 0.000 min
 Lab File: BF126816.D
 Acq: 04 Feb 2022 17:38



Tgt Ion:266 Resp: 354297
 Ion Ratio Lower Upper
 266 100
 268 61.4 52.3 78.5
 264 60.8 50.4 75.6





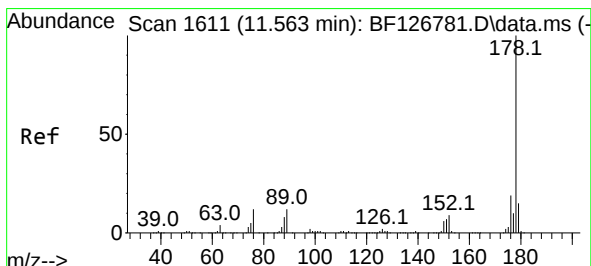
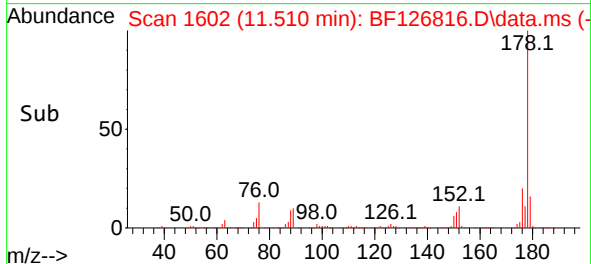
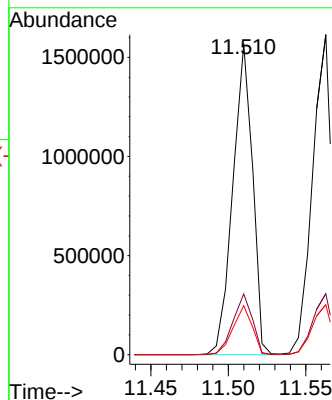
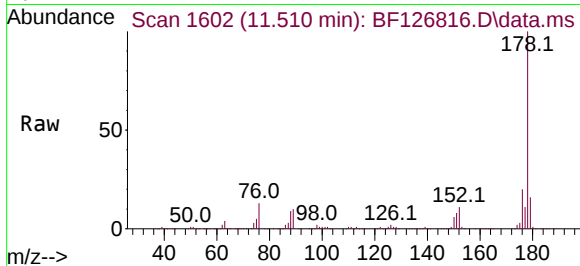
#71
Phenanthrene
Concen: 48.744 ng
RT: 11.510 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

Instrument :
BNA_F
ClientSampleId :
B-PHCMSD

Tgt Ion:178 Resp: 1386898
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.8 12.3 18.5

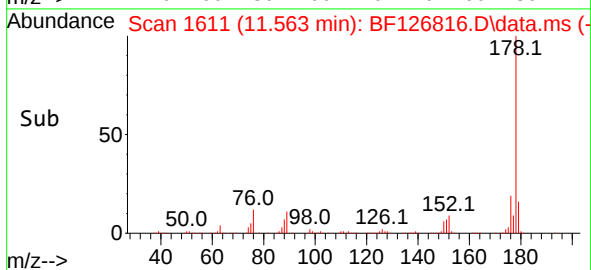
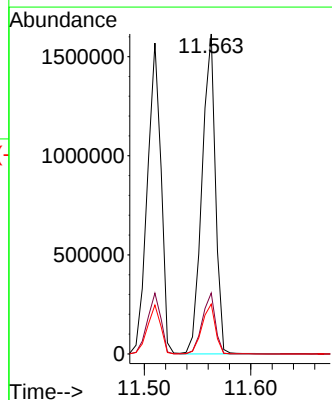
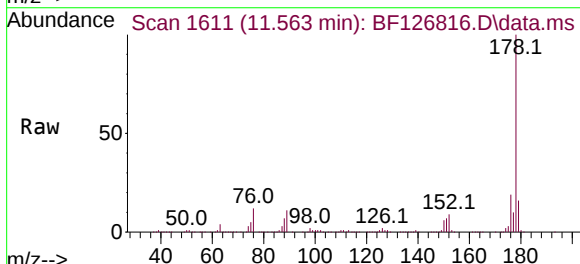
Manual Integrations
APPROVED

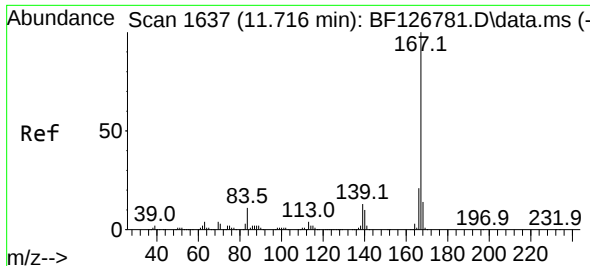
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#72
Anthracene
Concen: 49.619 ng
RT: 11.563 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

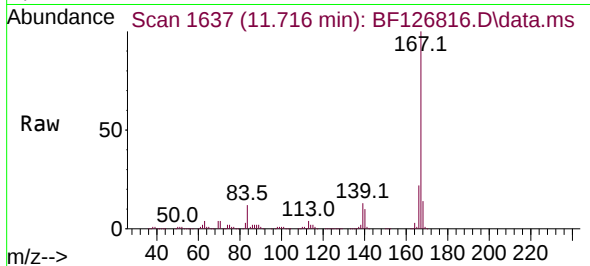
Tgt Ion:178 Resp: 1414059
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 45.476 ng
 RT: 11.716 min Scan# 1637
 Delta R.T. 0.000 min
 Lab File: BF126816.D
 Acq: 04 Feb 2022 17:38

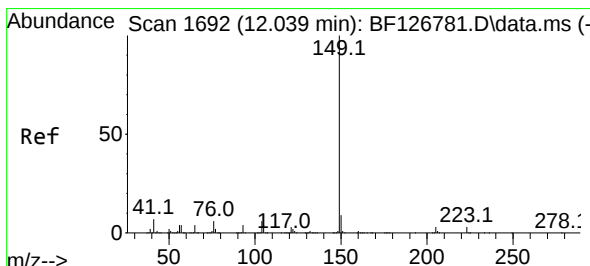
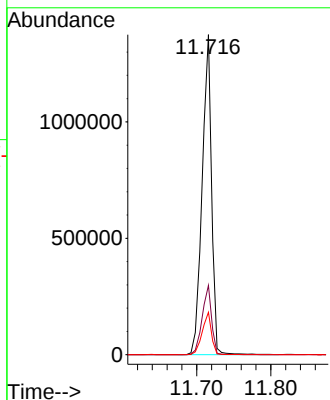
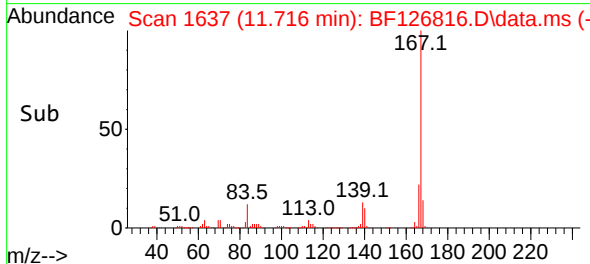
Instrument :
 BNA_F
 ClientSampleId :
 B-PHCMSD



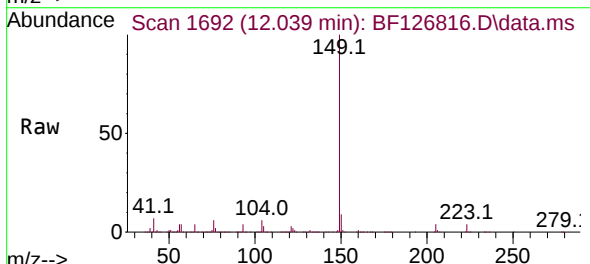
Tgt Ion:167 Resp: 1222602
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 13.2 11.3 16.9

Manual Integrations
 APPROVED

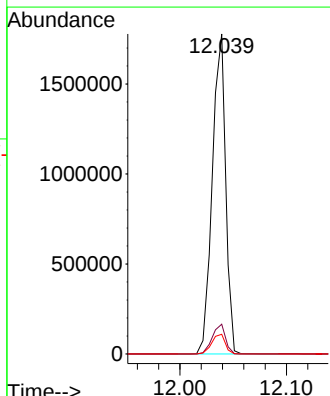
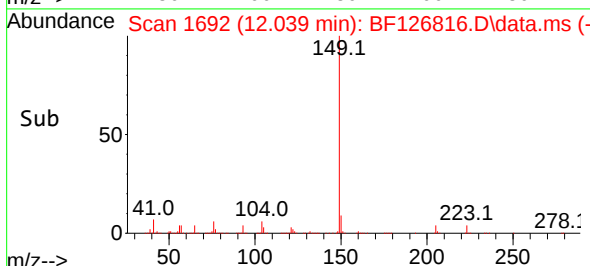
Reviewed By :Christian Giraldo 02/07/2022
 Supervised By :Jagrut Upadhyay 02/07/2022

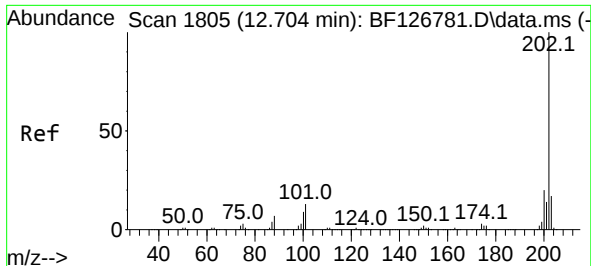


#74
 Di-n-butylphthalate
 Concen: 49.594 ng
 RT: 12.039 min Scan# 1692
 Delta R.T. 0.000 min
 Lab File: BF126816.D
 Acq: 04 Feb 2022 17:38



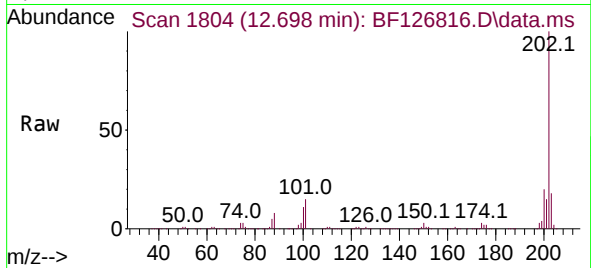
Tgt Ion:149 Resp: 1545872
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.2 10.8
 104 6.2 4.2 6.2





#75
Fluoranthene
Concen: 47.326 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

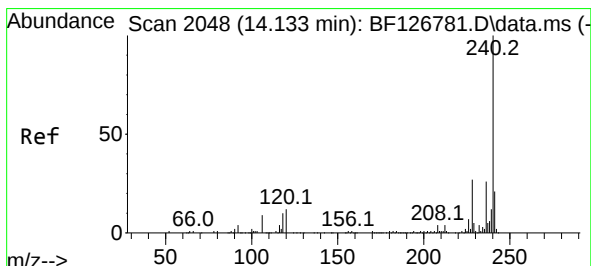
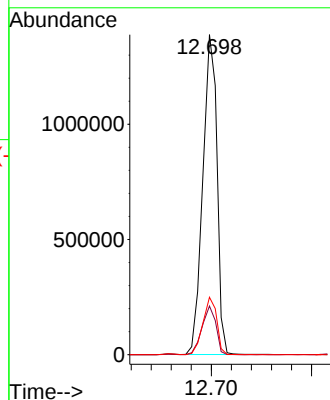
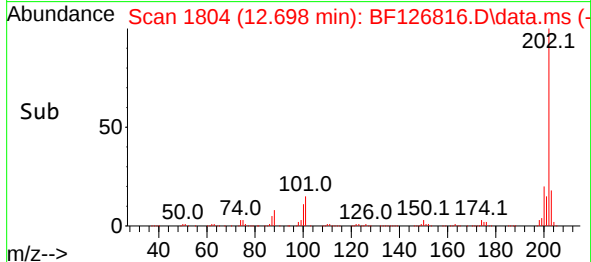
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



Tgt Ion:202 Resp: 1369664
Ion Ratio Lower Upper
202 100
101 15.2 0.0 35.7
203 17.9 0.0 37.1

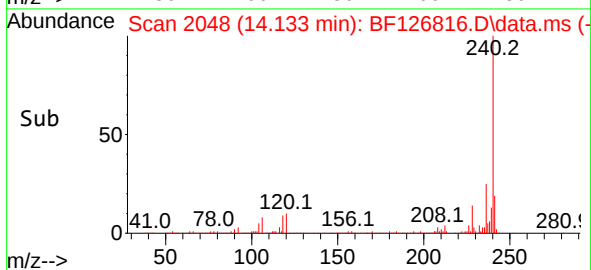
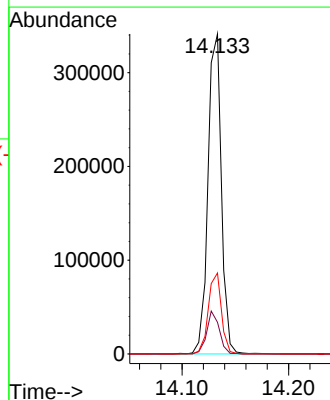
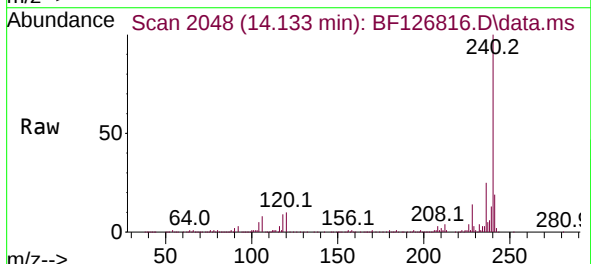
Manual Integrations
APPROVED

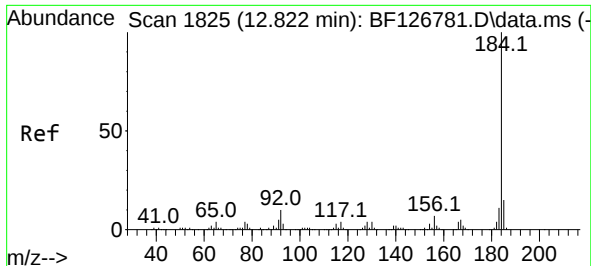
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2048
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

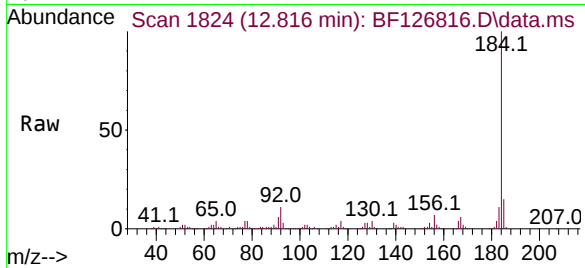
Tgt Ion:240 Resp: 298851
Ion Ratio Lower Upper
240 100
120 9.9 14.4 21.6#
236 25.3 20.5 30.7





#77
Benzidine
Concen: 34.053 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

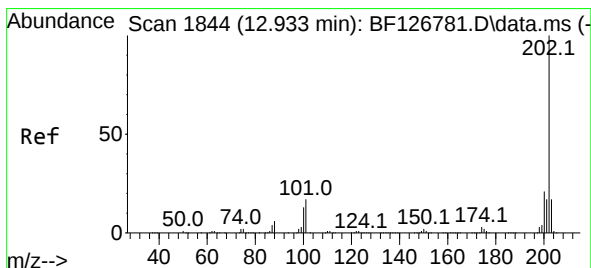
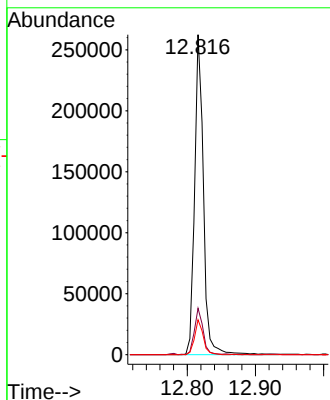
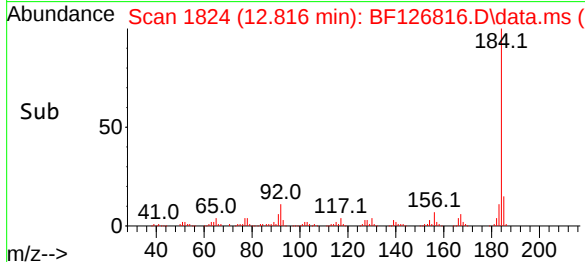
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



Tgt Ion:184 Resp: 23346
Ion Ratio Lower Upper
184 100
185 14.5 11.8 17.8
183 10.9 8.2 12.2

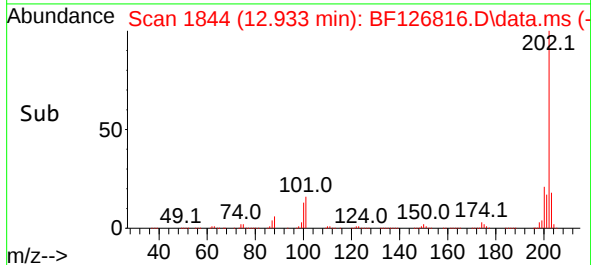
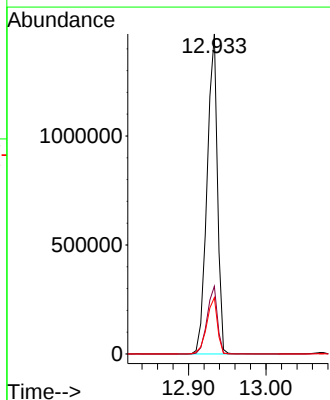
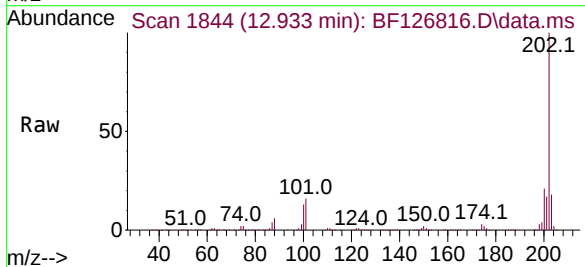
Manual Integrations
APPROVED

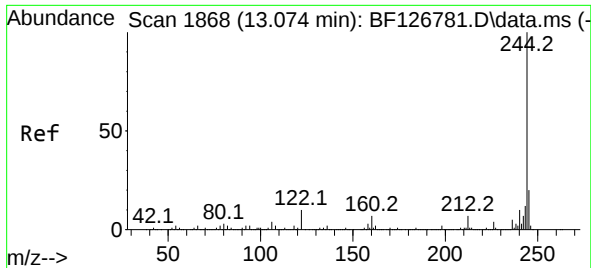
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#78
Pyrene
Concen: 57.013 ng
RT: 12.933 min Scan# 1844
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

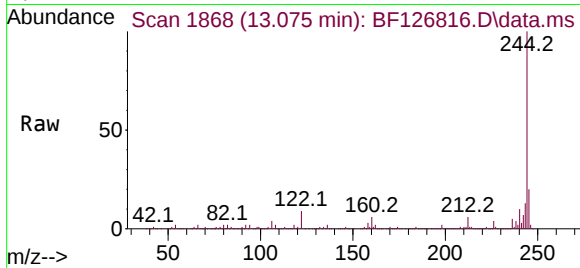
Tgt Ion:202 Resp: 1361650
Ion Ratio Lower Upper
202 100
200 21.2 16.6 24.8
203 17.6 13.8 20.8





#79
Terphenyl-d14
Concen: 104.172 ng
RT: 13.075 min Scan# 1868
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

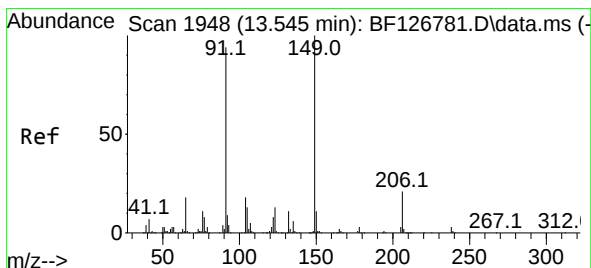
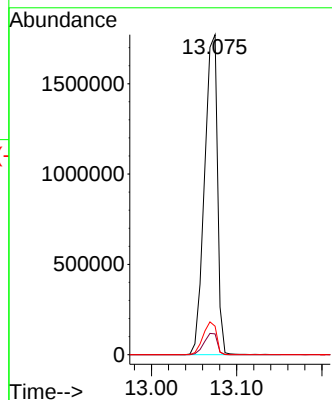
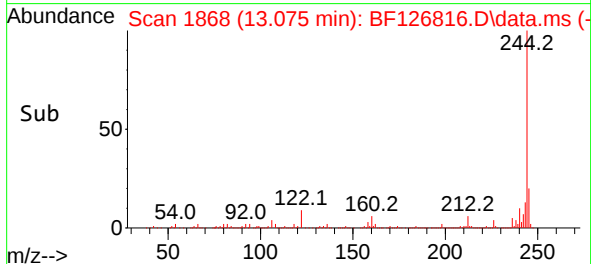
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



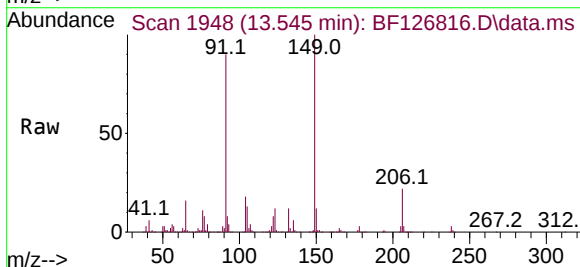
Tgt Ion:244 Resp: 1861029
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 8.9 13.3 19.9

Manual Integrations
APPROVED

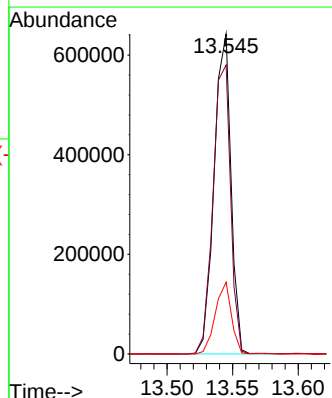
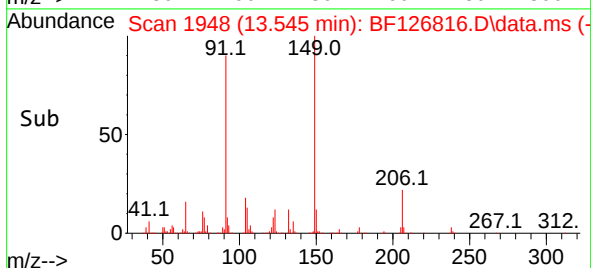
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

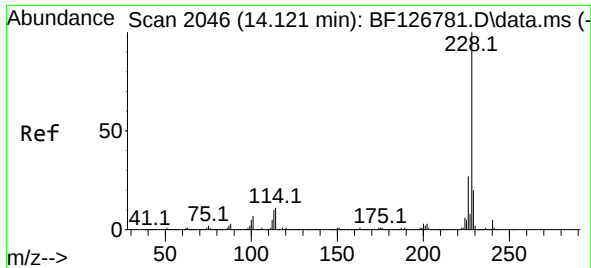


#80
Butylbenzylphthalate
Concen: 57.930 ng
RT: 13.545 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



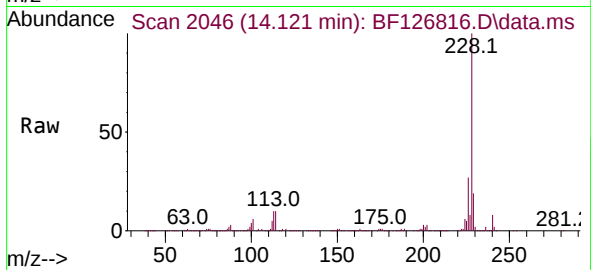
Tgt Ion:149 Resp: 574073
Ion Ratio Lower Upper
149 100
91 90.3 70.5 105.7
206 22.4 12.6 19.0





#81
Benzo(a)anthracene
Concen: 51.659 ng
RT: 14.121 min Scan# 2046
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

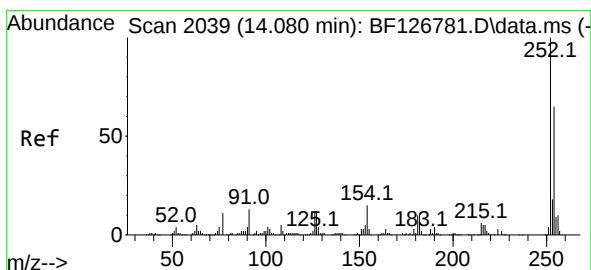
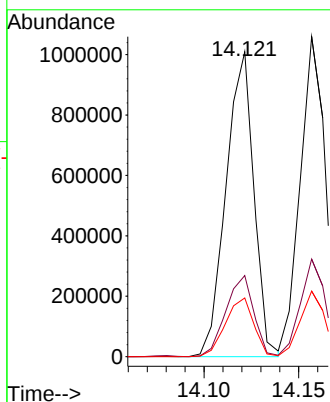
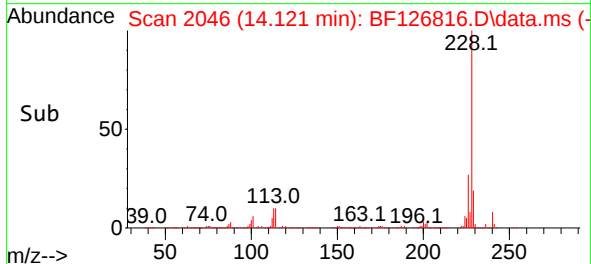
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



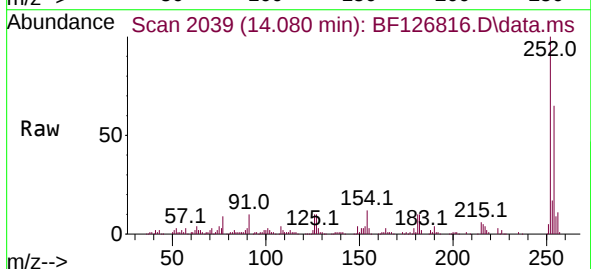
Tgt Ion:228 Resp: 103014
Ion Ratio Lower Upper
228 100
226 26.6 21.4 32.0
229 19.3 15.4 23.2

Manual Integrations
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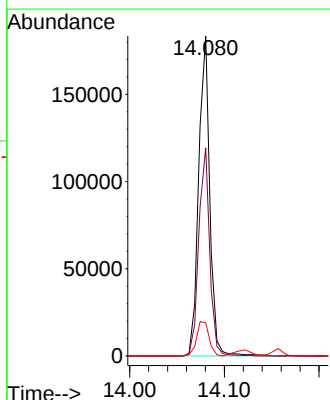
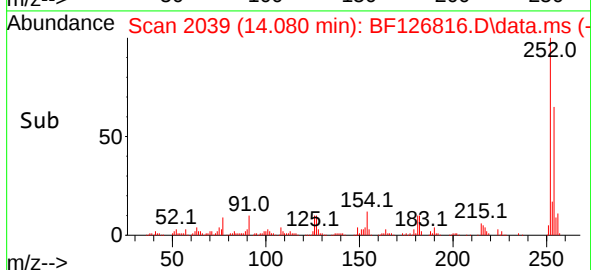
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

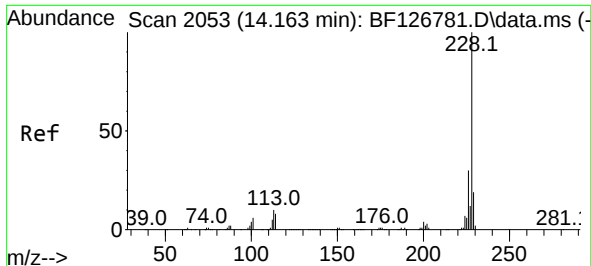


#82
3,3'-Dichlorobenzidine
Concen: 26.144 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



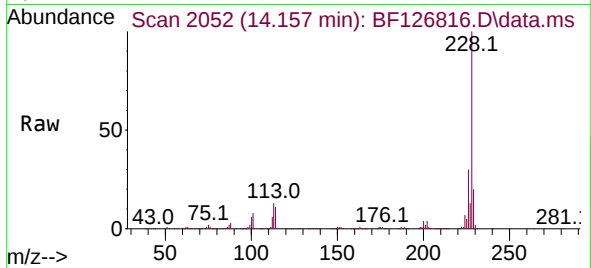
Tgt Ion:252 Resp: 149307
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.4
126 10.3 13.4 20.0#





#83
Chrysene
Concen: 50.854 ng
RT: 14.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

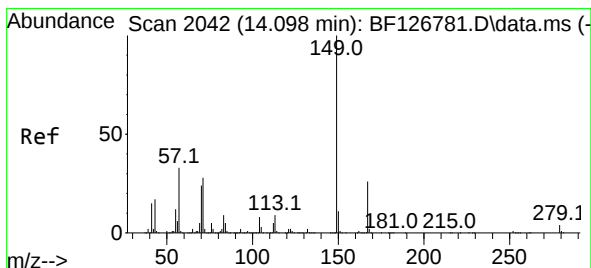
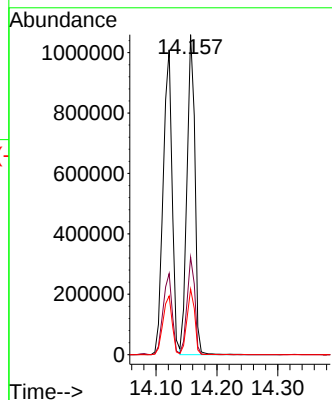
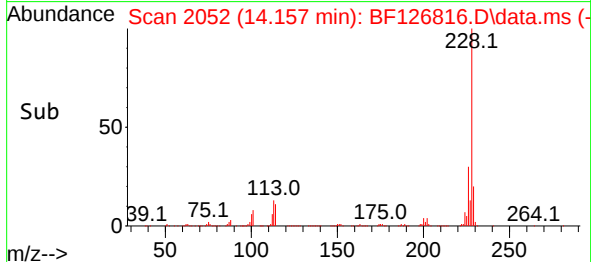
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



Tgt Ion:228 Resp: 960150
Ion Ratio Lower Upper
228 100
226 30.5 23.7 35.5
229 20.5 15.5 23.3

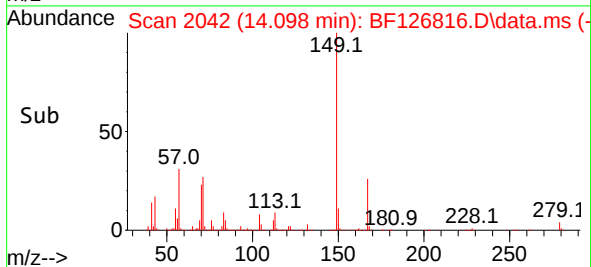
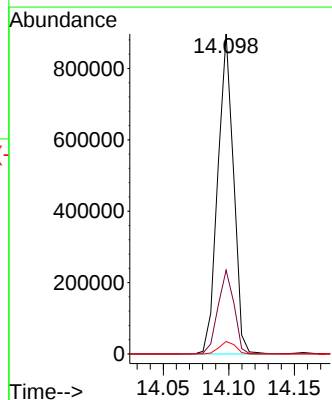
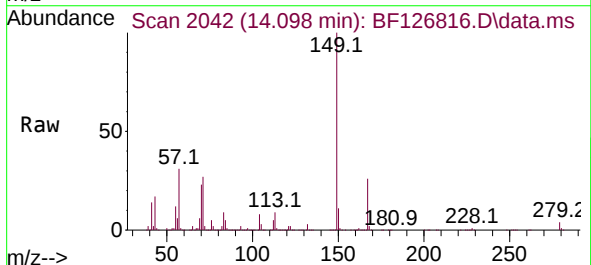
Manual Integrations
APPROVED

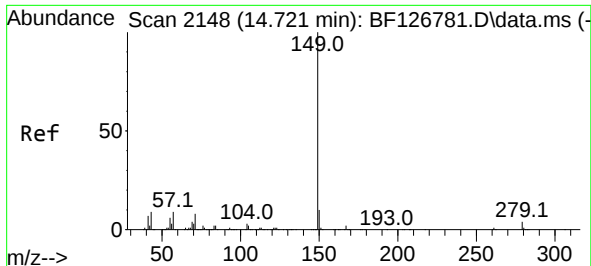
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 57.919 ng
RT: 14.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

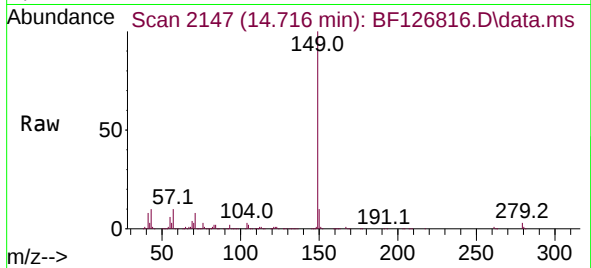
Tgt Ion:149 Resp: 746759
Ion Ratio Lower Upper
149 100
167 26.2 21.4 32.2
279 3.9 2.4 3.6





#85
Di-n-octyl phthalate
Concen: 56.205 ng
RT: 14.716 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

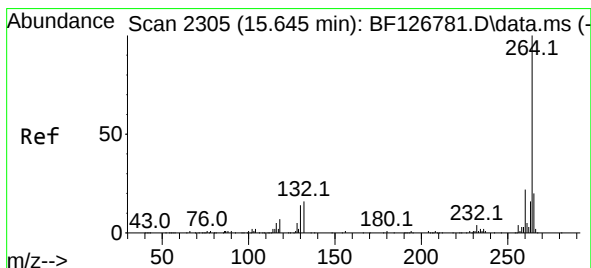
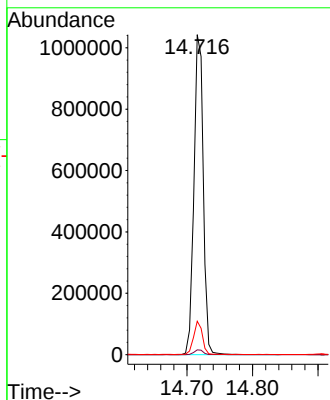
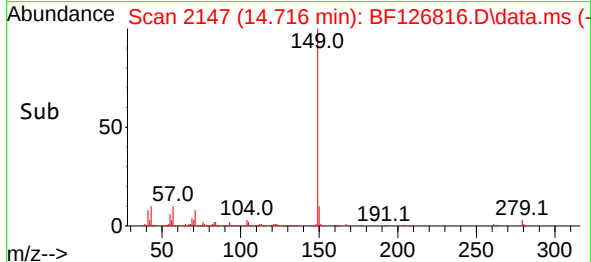
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



Tgt Ion:149 Resp: 103326
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 9.8 9.9 14.9

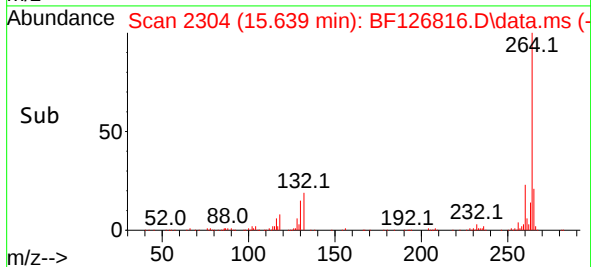
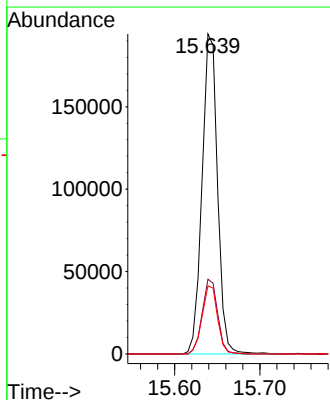
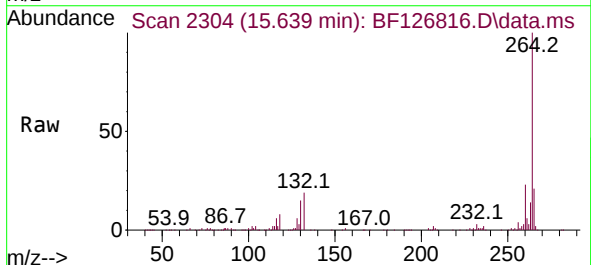
Manual Integrations
APPROVED

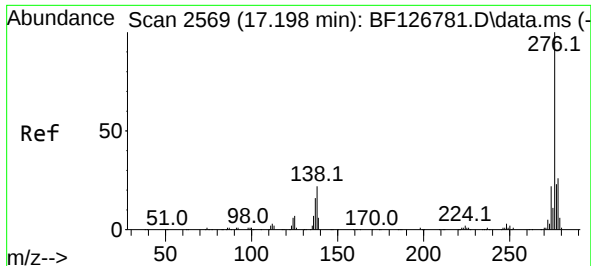
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.639 min Scan# 2304
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

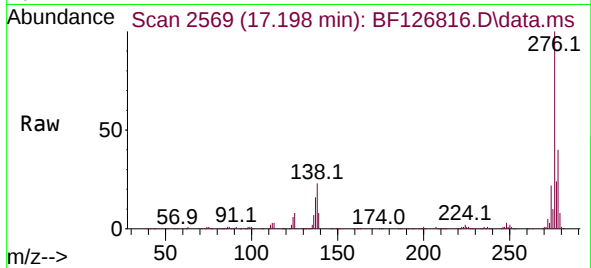
Tgt Ion:264 Resp: 245194
Ion Ratio Lower Upper
264 100
260 23.4 19.2 28.8
265 21.3 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 59.923 ng
RT: 17.198 min Scan# 2569
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

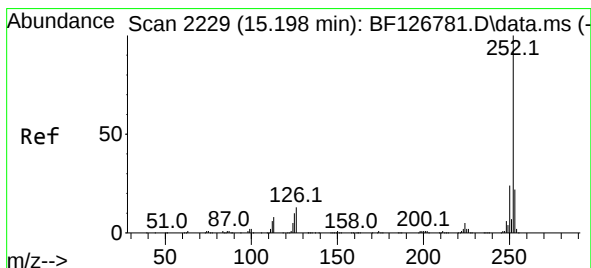
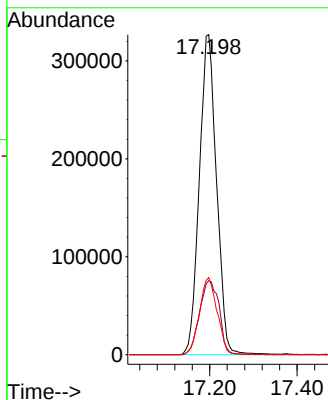
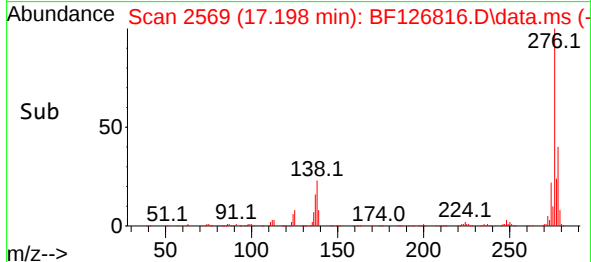
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



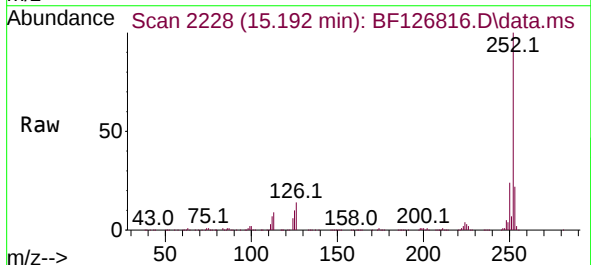
Tgt Ion:276 Resp: 896159
Ion Ratio Lower Upper
276 100
138 26.3 29.2 43.8
277 24.8 19.8 29.8

Manual Integrations
APPROVED

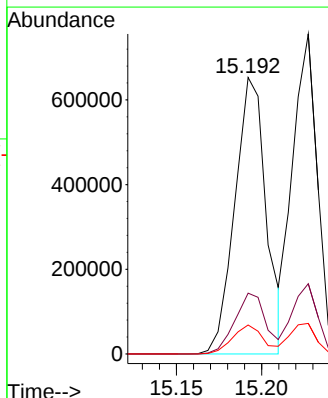
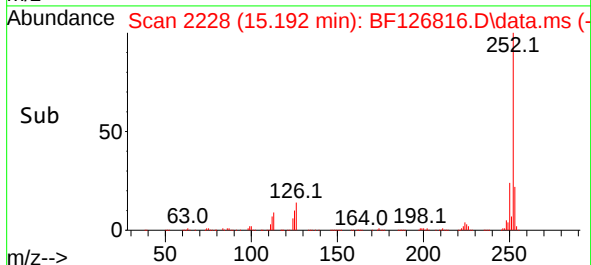
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

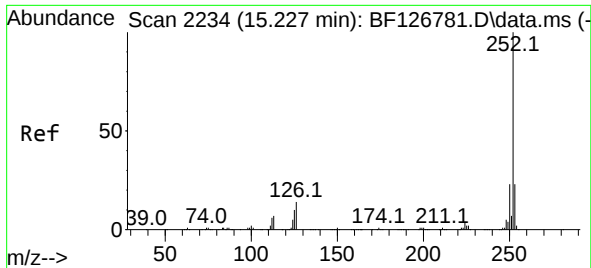


#88
Benzo(b)fluoranthene
Concen: 52.216 ng
RT: 15.192 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



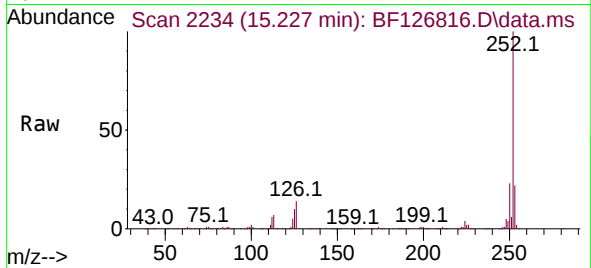
Tgt Ion:252 Resp: 837167
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.5 12.4 18.6





#89
Benzo(k)fluoranthene
Concen: 48.252 ng
RT: 15.227 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

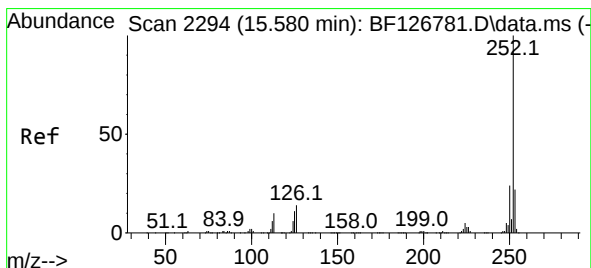
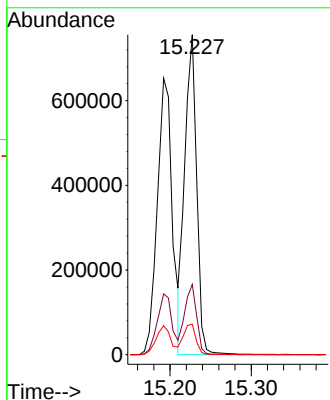
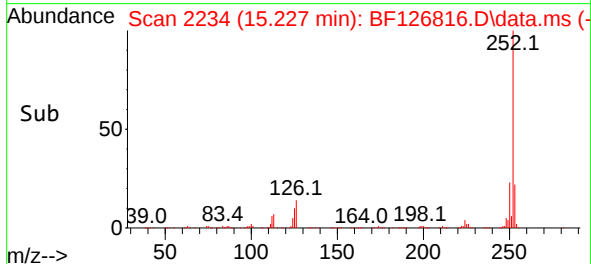
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



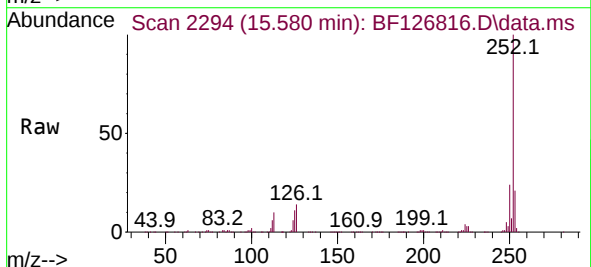
Tgt Ion:252 Resp: 771692
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.5 11.8 17.6

Manual Integrations
APPROVED

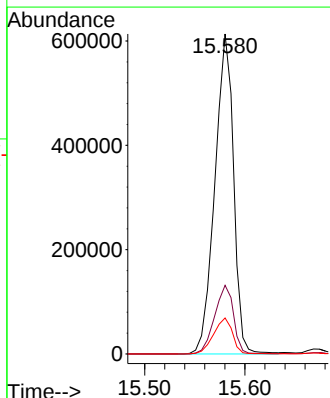
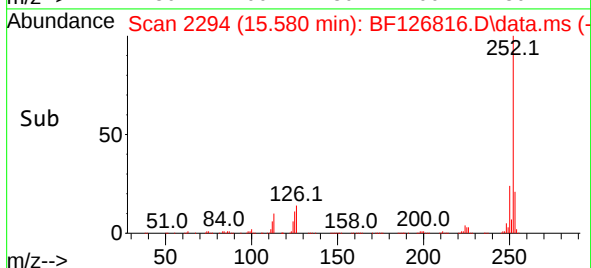
Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022

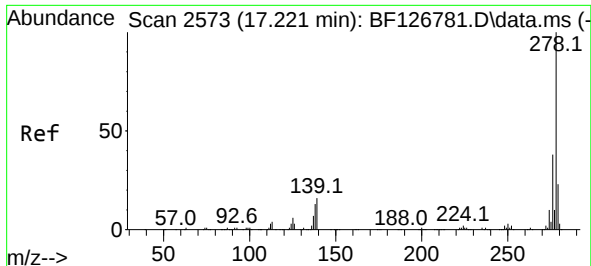


#90
Benzo(a)pyrene
Concen: 62.198 ng
RT: 15.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



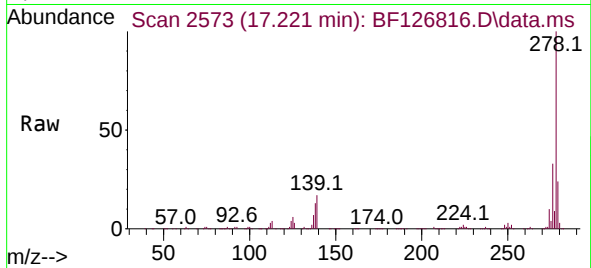
Tgt Ion:252 Resp: 794915
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 11.3 13.0 19.6





#91
Dibenzo(a,h)anthracene
Concen: 62.811 ng
RT: 17.221 min Scan# 2573
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38

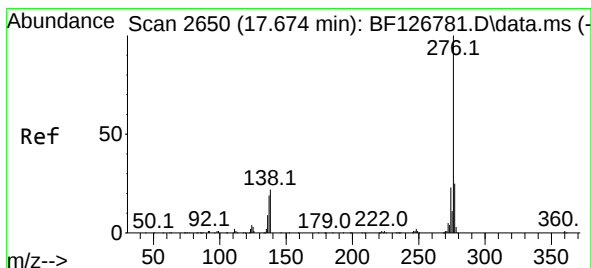
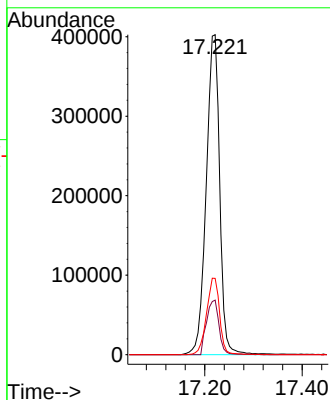
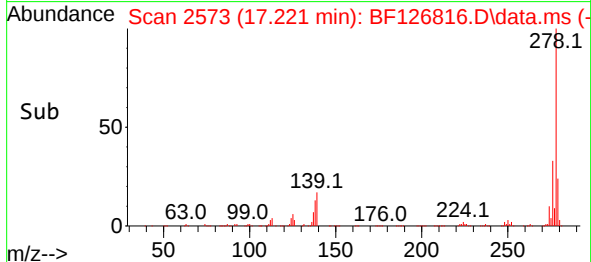
Instrument :
BNA_F
ClientSampleId :
B-PHCMSD



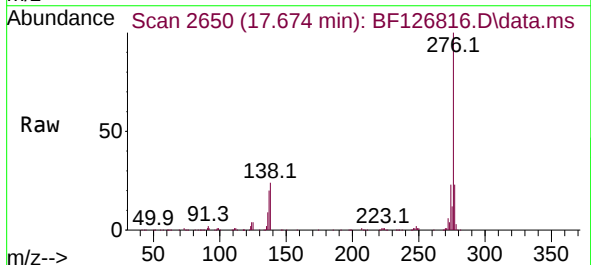
Tgt Ion:278 Resp: 769400
Ion Ratio Lower Upper
278 100
139 17.1 18.0 27.0
279 23.8 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 02/07/2022
Supervised By :Jagrut Upadhyay 02/07/2022



#92
Benzo(g,h,i)perylene
Concen: 61.863 ng
RT: 17.674 min Scan# 2650
Delta R.T. 0.000 min
Lab File: BF126816.D
Acq: 04 Feb 2022 17:38



Tgt Ion:276 Resp: 748488
Ion Ratio Lower Upper
276 100
277 23.1 18.5 27.7
138 24.0 25.9 38.9

