

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061521\
 Data File : BF124325.D
 Acq On : 15 Jun 2021 16:23
 Operator : JU/CG
 Sample : M2674-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-04-060921

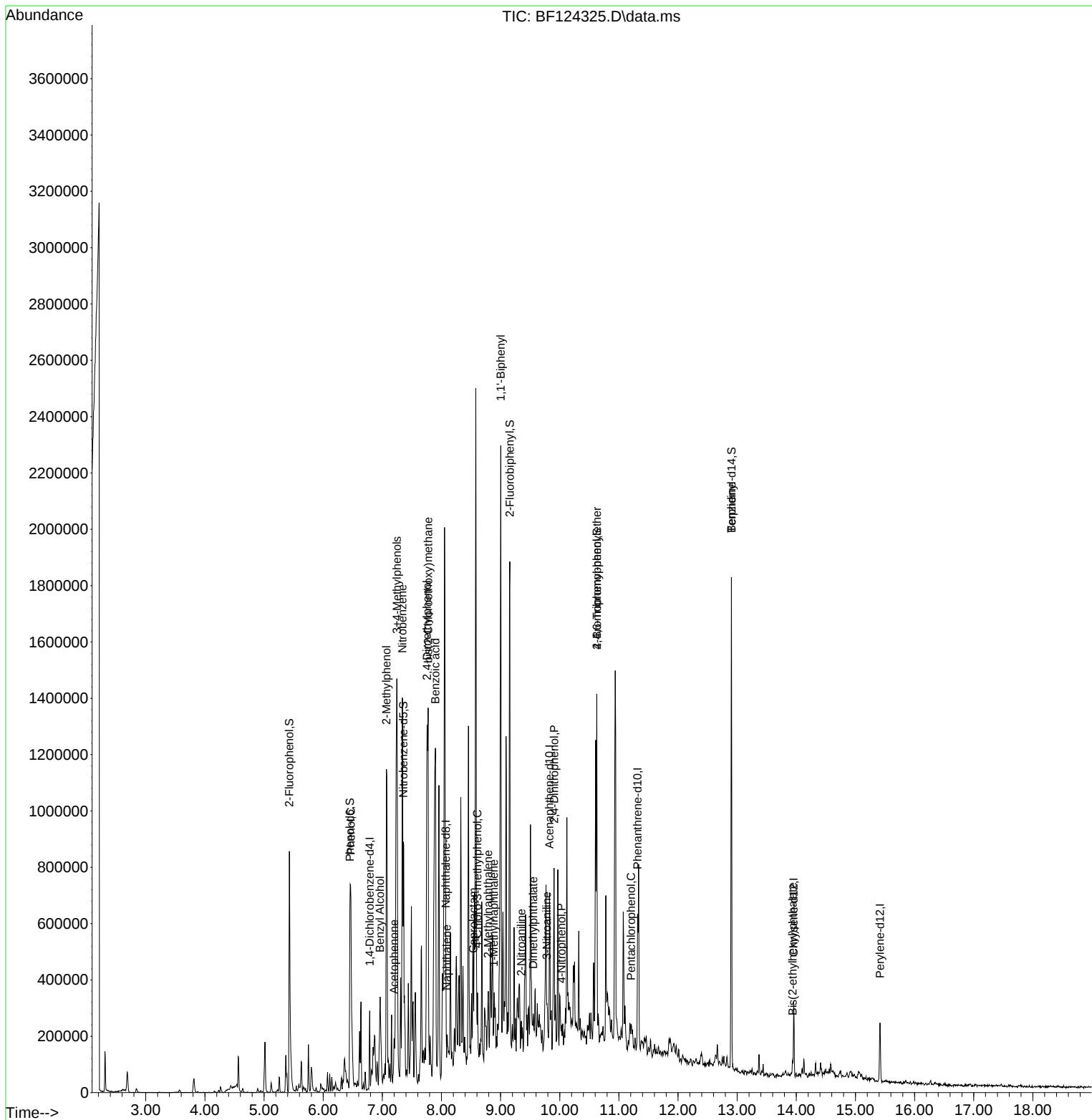
Quant Time: Jun 15 16:54:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 15:00:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	32063	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	133247	20.000	ng	# 0.00
39) Acenaphthene-d10	9.827	164	73307	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	140129	20.000	ng	0.00
76) Chrysene-d12	13.957	240	75362	20.000	ng	0.00
86) Perylene-d12	15.415	264	81629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	248066	116.466	ng	0.01
7) Phenol-d6	6.451	99	274350	95.827	ng	0.00
23) Nitrobenzene-d5	7.357	82	289474	86.163	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	125471	120.810	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	481297	82.618	ng	0.00
79) Terphenyl-d14	12.904	244	506782	92.326	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.469	94	179844	58.126	ng	89
15) Benzyl Alcohol	6.963	79	15005	5.814	ng	# 44
17) 2-Methylphenol	7.069	107	236144	122.569	ng	89
20) 3+4-Methylphenols	7.245	107	533613	209.030	ng	# 71
22) Acetophenone	7.198	105	28674	7.549	ng	# 78
24) Nitrobenzene	7.339	77	14973	4.443	ng	# 1
27) 2,4-Dimethylphenol	7.757	122	401035	188.902	ng	93
28) bis(2-Chloroethoxy)met...	7.775	93	28317	9.435	ng	# 1
31) Naphthalene	8.092	128	50207	6.302	ng	99
32) Benzoic acid	7.898	122	348564	267.572	ng	# 21
35) Caprolactam	8.539	113	1517	2.248	ng	# 1
36) 4-Chloro-3-methylphenol	8.610	107	7998	2.976	ng	# 28
37) 2-Methylnaphthalene	8.786	142	17317	3.100	ng	91
38) 1-Methylnaphthalene	8.886	142	12683	2.429	ng	99
46) 1,1'-Biphenyl	9.004	154	375778	60.725	ng	# 43
48) 2-Nitroaniline	9.351	65	4688	2.579	ng	# 60
50) Dimethylphthalate	9.551	163	32533	5.364	ng	# 89
53) 3-Nitroaniline	9.780	138	17333	13.317	ng	# 12
54) 2,4-Dinitrophenol	9.904	184	812	4.603	ng	# 1
56) 4-Nitrophenol	10.027	139	4083	4.390	ng	88
67) 4-Bromophenyl-phenylether	10.627	248	7444	3.870	ng	# 1
70) Pentachlorophenol	11.204	266	114	4.758	ng	# 18
77) Benzidine	12.904	184	10379	9.470	ng	96
84) Bis(2-ethylhexyl)phtha...	13.939	149	14358	4.112	ng	99

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

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QLast Update : Tue Jun 15 15:00:28 2021
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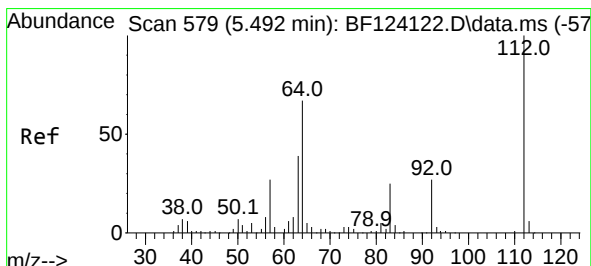
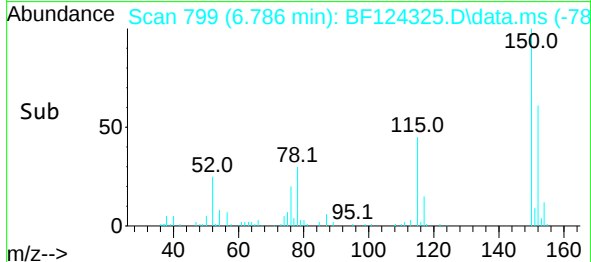
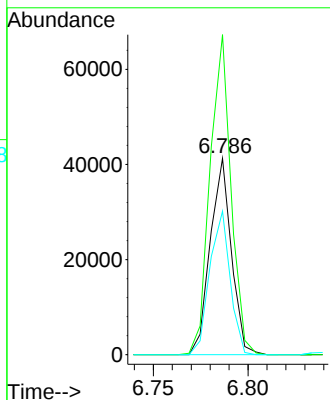
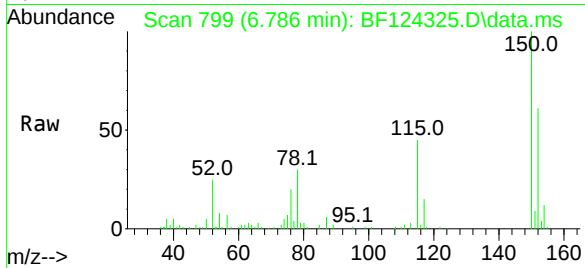




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 799
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

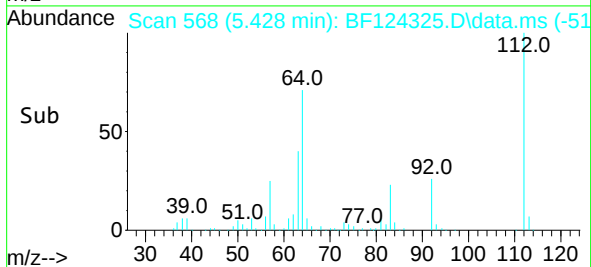
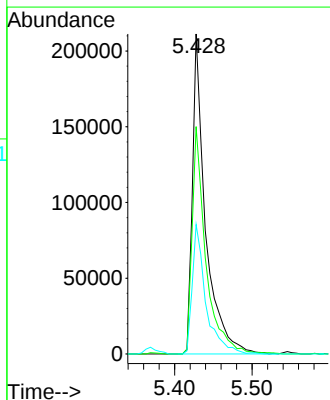
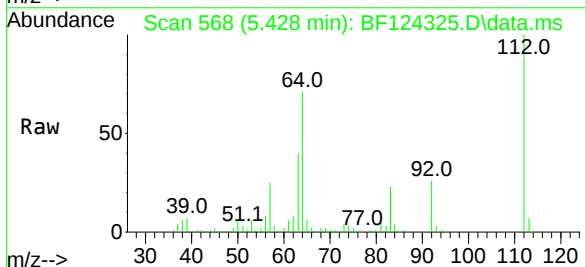
Instrument :
BNA_F
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TMR-DS-04-060921

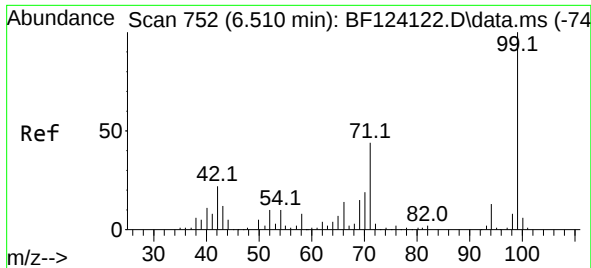
Tgt Ion:152 Resp: 32063
Ion Ratio Lower Upper
152 100
150 162.9 127.0 190.6
115 73.1 54.3 81.5



#5
2-Fluorophenol
Concen: 116.466 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.012 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:112 Resp: 248066
Ion Ratio Lower Upper
112 100
64 71.0 61.4 92.0
63 40.4 33.0 49.4

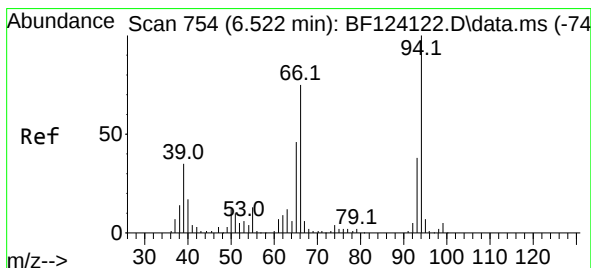
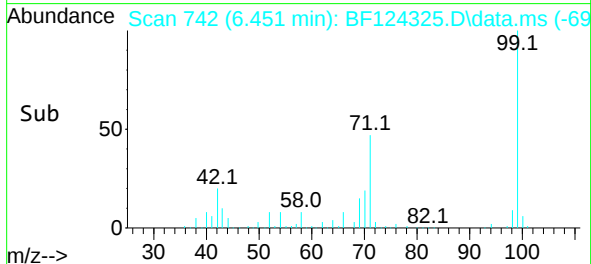
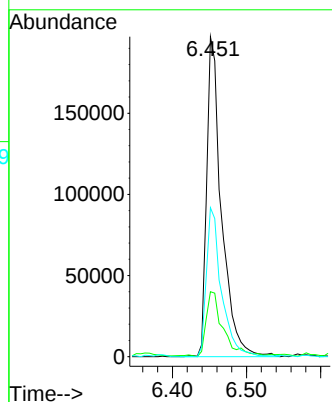
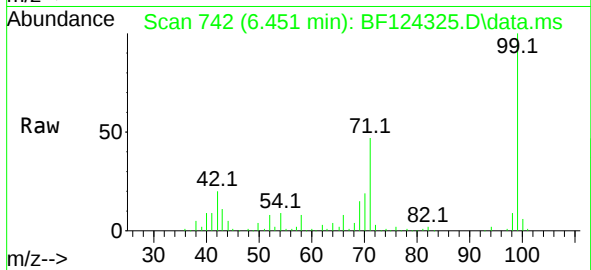




#7
Phenol-d6
Concen: 95.827 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

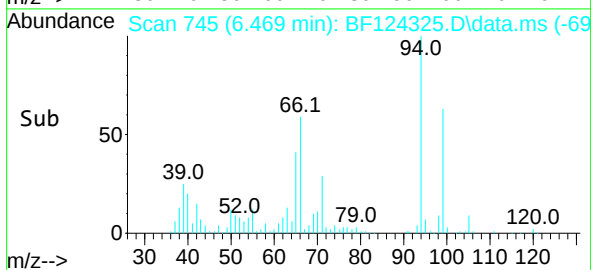
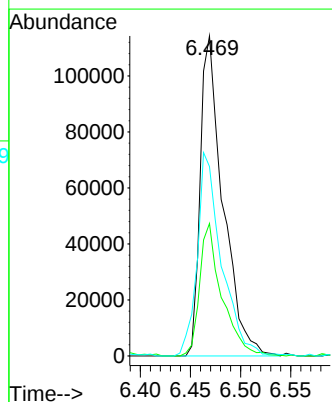
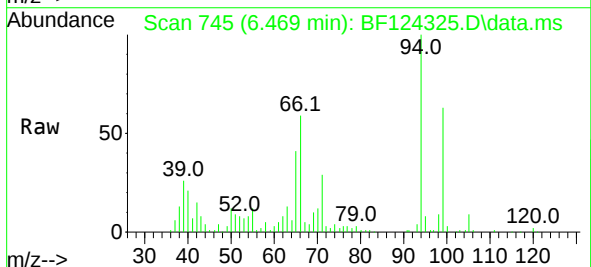
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

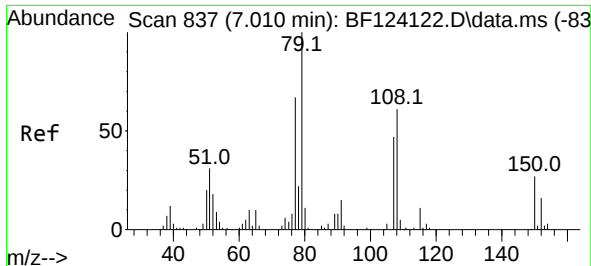
Tgt Ion: 99 Resp: 274350
Ion Ratio Lower Upper
99 100
42 20.3 19.8 29.8
71 46.5 31.1 46.7



#10
Phenol
Concen: 58.126 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.012 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

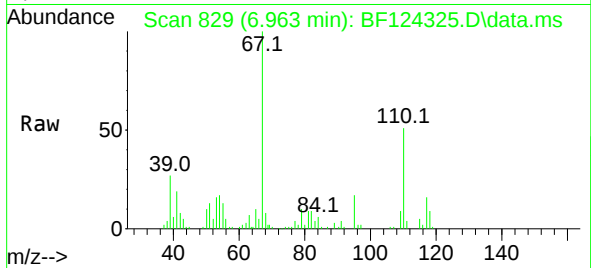
Tgt Ion: 94 Resp: 179844
Ion Ratio Lower Upper
94 100
65 41.4 18.1 58.1
66 59.2 29.0 69.0



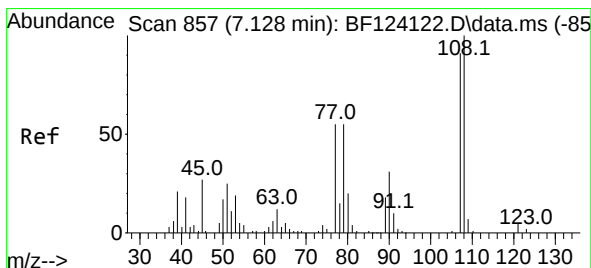
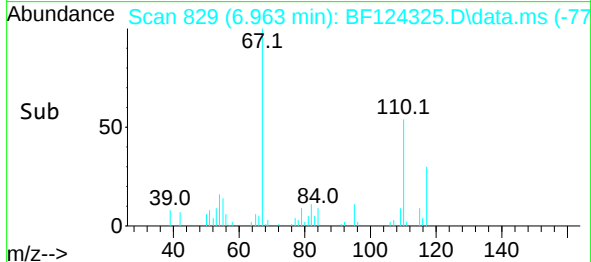
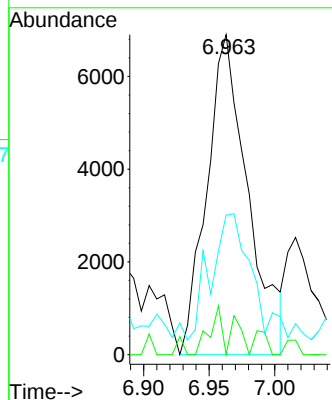


#15
Benzyl Alcohol
Concen: 5.814 ng
RT: 6.963 min Scan# 829
Delta R.T. 0.024 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

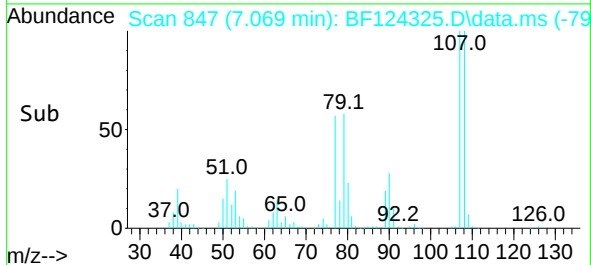
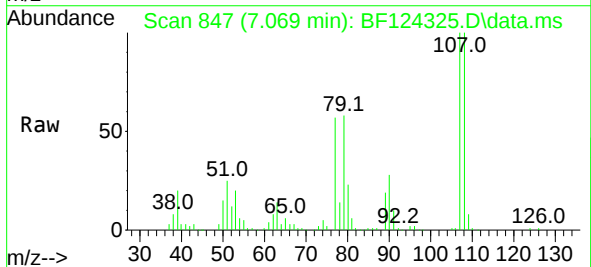
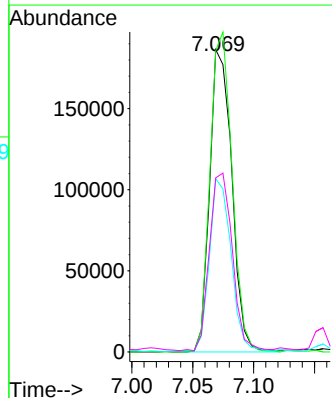


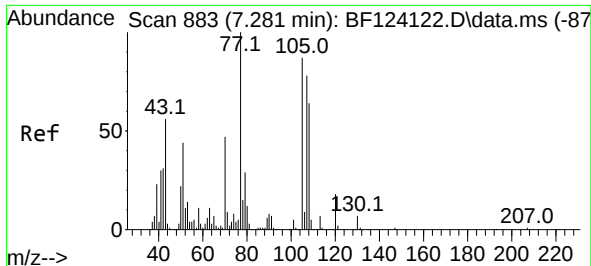
Tgt Ion: 79 Resp: 15005
Ion Ratio Lower Upper
79 100
108 0.0 55.8 83.8#
77 43.6 49.9 74.9#



#17
2-Methylphenol
Concen: 122.569 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion: 107 Resp: 236144
Ion Ratio Lower Upper
107 100
108 99.7 89.8 134.8
77 57.3 40.9 61.3
79 57.6 40.2 60.4

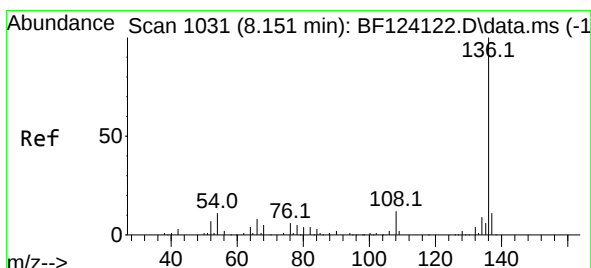
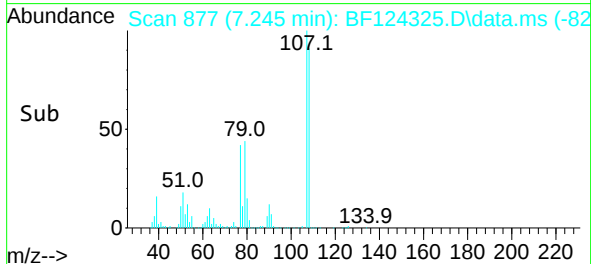
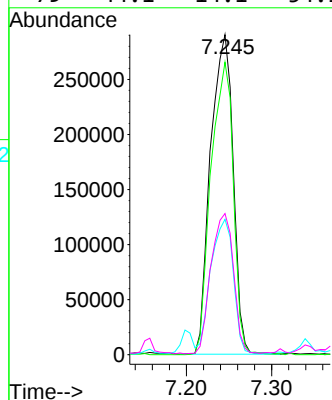
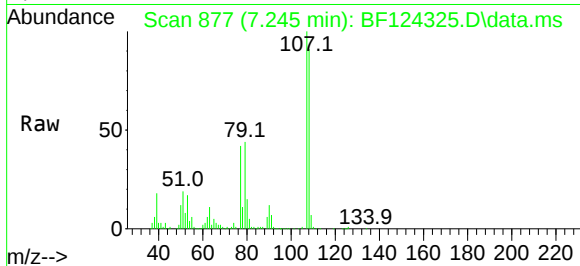




#20
3+4-Methylphenols
Concen: 209.030 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.029 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

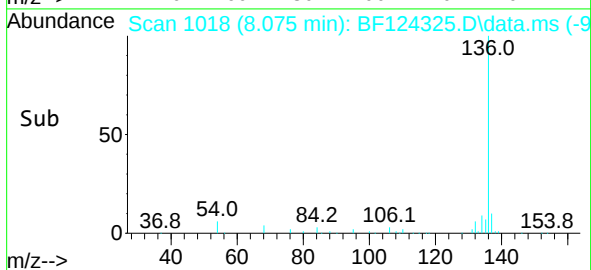
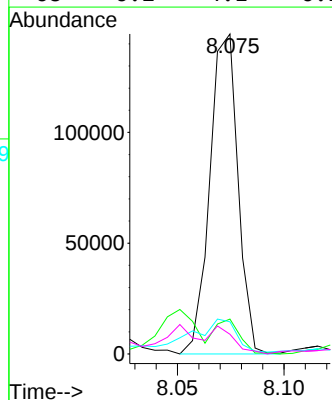
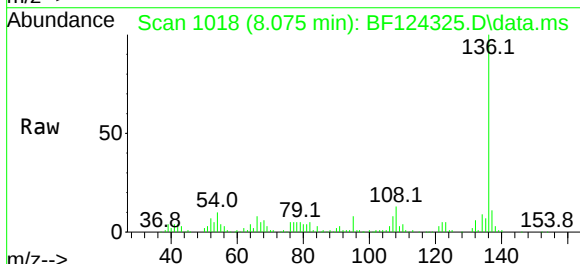
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

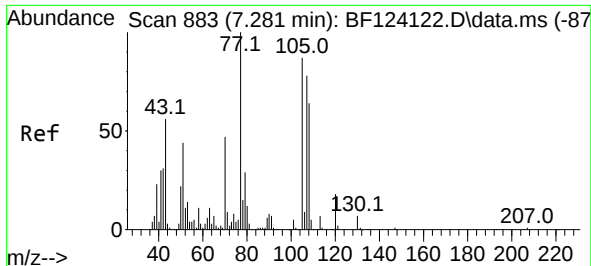
Tgt Ion:107 Resp: 533613
Ion Ratio Lower Upper
107 100
108 91.4 71.5 111.5
77 42.3 82.0 122.0#
79 44.1 14.1 54.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:136 Resp: 133247
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 10.1 9.8 14.6
68 6.2 4.1 6.1#

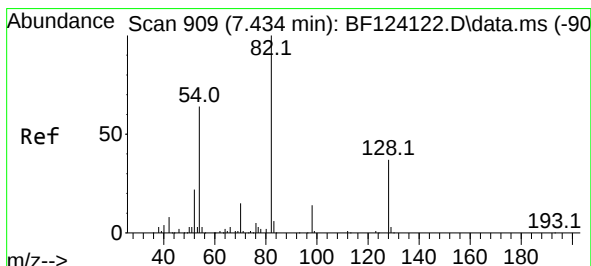
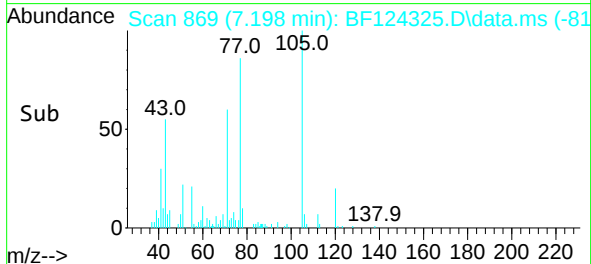
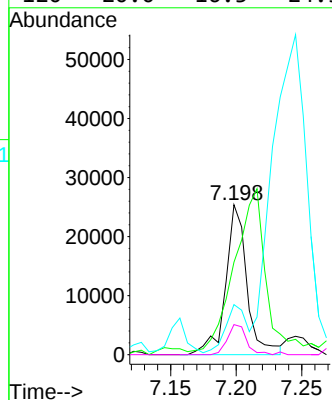
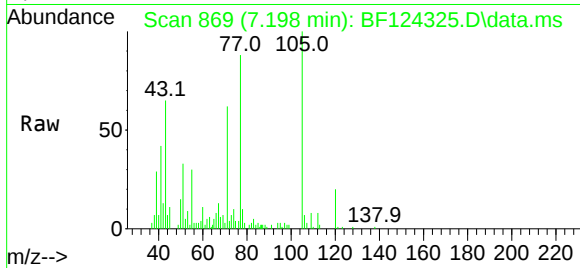




#22
Acetophenone
Concen: 7.549 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

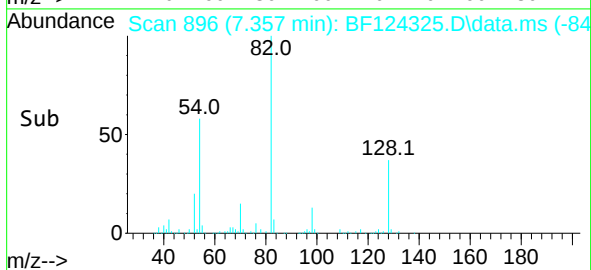
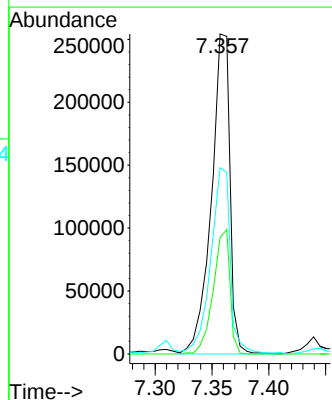
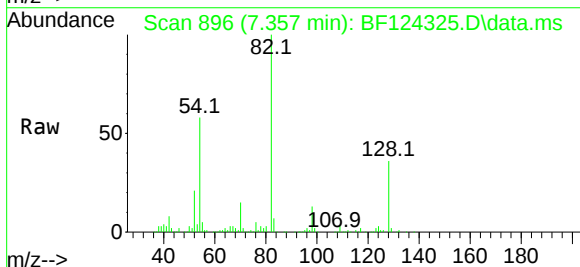
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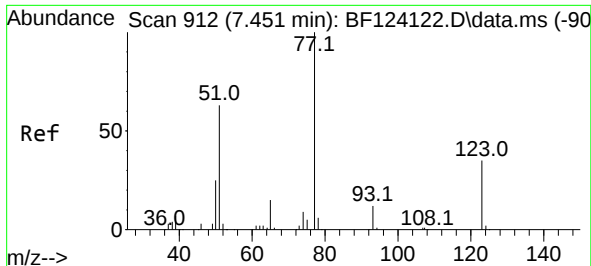
Tgt Ion:	105	Resp:	28674
Ion Ratio	Lower	Upper	
105	100		
71	61.7	4.2	6.4#
51	33.4	33.6	50.4#
120	20.0	16.3	24.5



#23
Nitrobenzene-d5
Concen: 86.163 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:	82	Resp:	289474
Ion Ratio	Lower	Upper	
82	100		
128	36.4	29.4	44.2
54	58.1	54.1	81.1

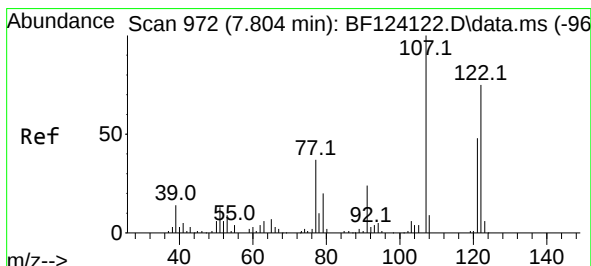
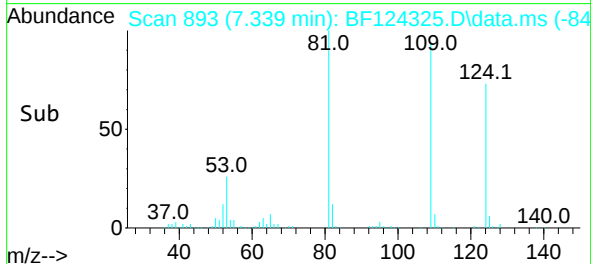
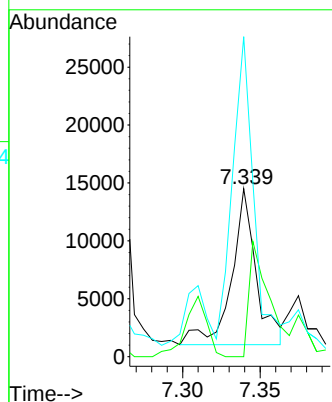
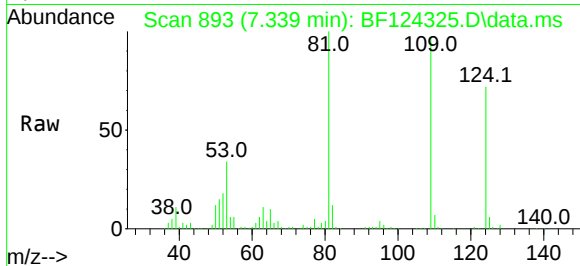




#24
Nitrobenzene
Concen: 4.443 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.041 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

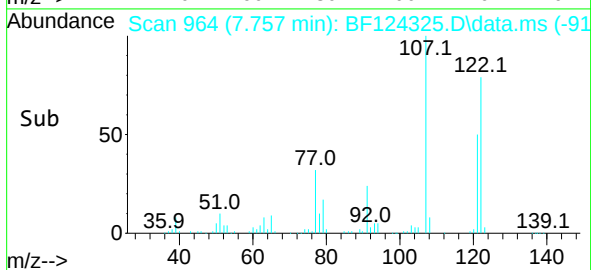
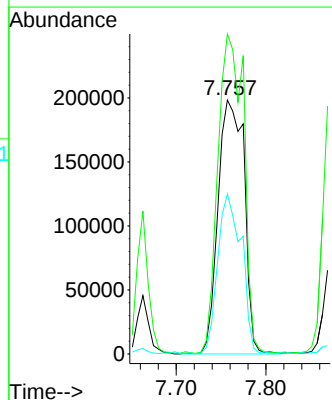
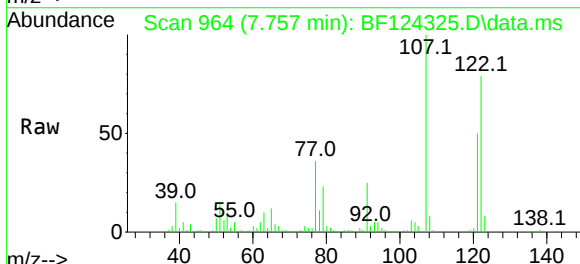
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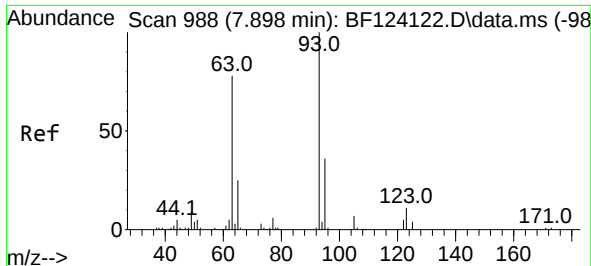
Tgt Ion: 77 Resp: 14973
Ion Ratio Lower Upper
77 100
123 0.0 34.5 51.7#
65 190.6 12.2 18.2#



#27
2,4-Dimethylphenol
Concen: 188.902 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.018 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion: 122 Resp: 401035
Ion Ratio Lower Upper
122 100
107 126.0 106.3 159.5
121 63.0 45.4 68.0

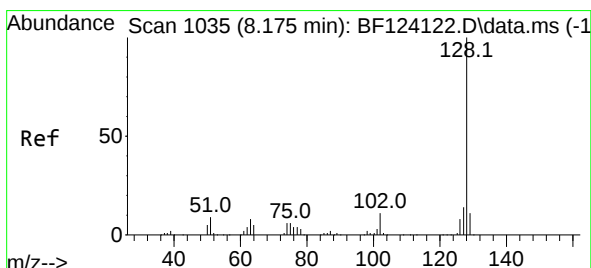
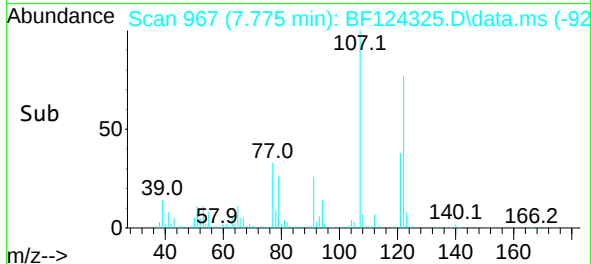
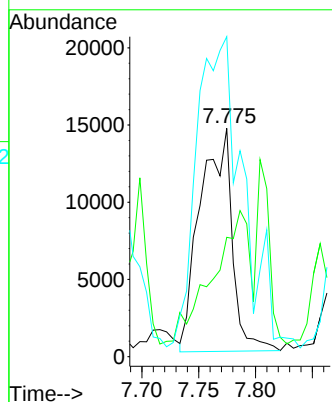
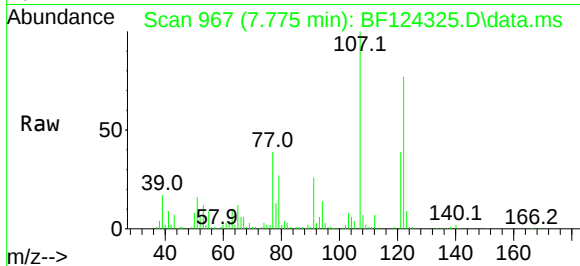




#28
bis(2-Chloroethoxy)methane
Concen: 9.435 ng
RT: 7.775 min Scan# 967
Delta R.T. -0.047 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

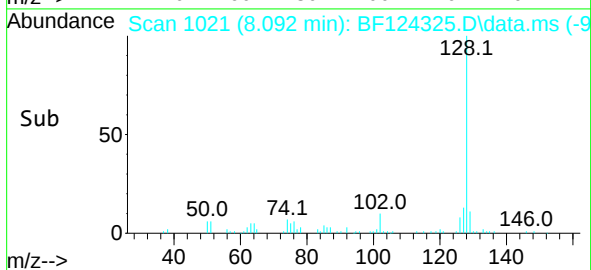
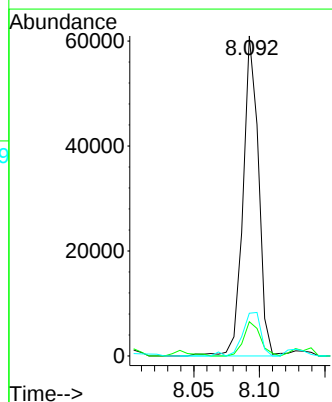
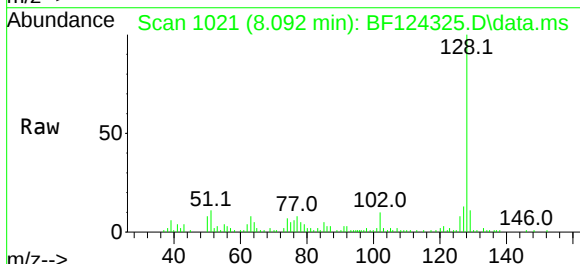
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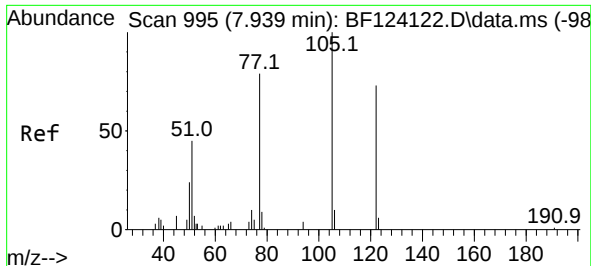
Tgt Ion: 93 Resp: 28317
Ion Ratio Lower Upper
93 100
95 52.2 26.5 39.7#
123 140.1 8.4 12.6#



#31
Naphthalene
Concen: 6.302 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion: 128 Resp: 50207
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.3 10.8 16.2

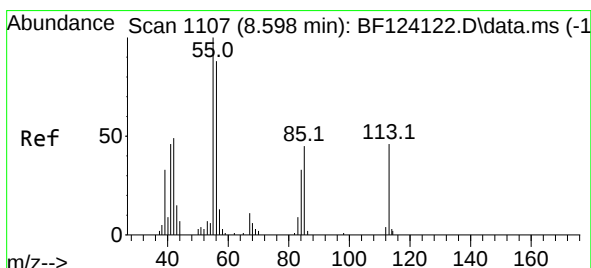
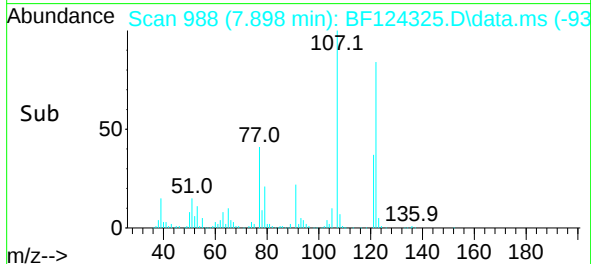
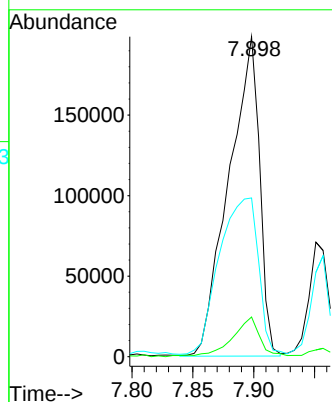
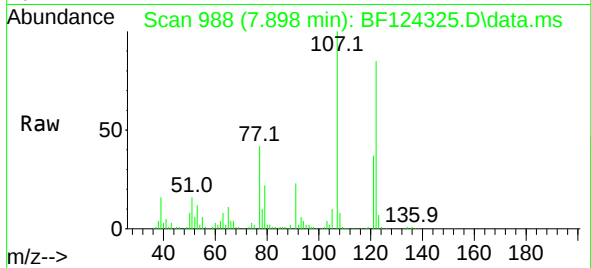




#32
Benzoic acid
Concen: 267.572 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.018 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

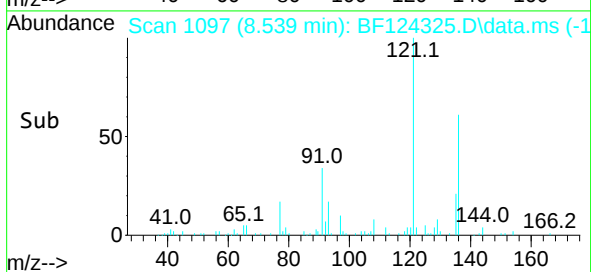
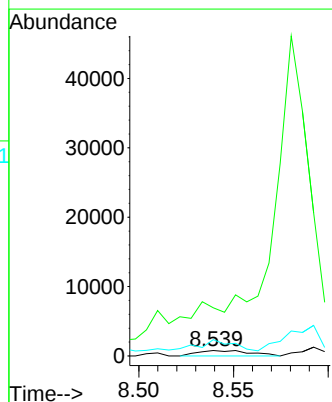
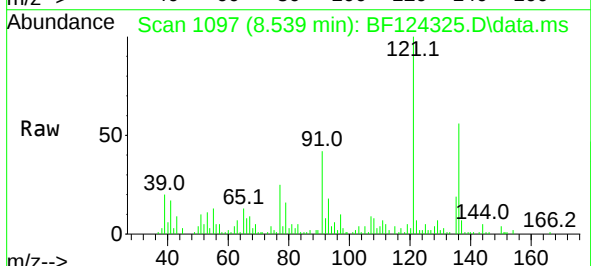
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

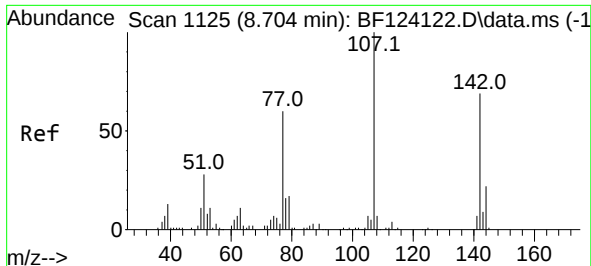
Tgt Ion:122 Resp: 348564
Ion Ratio Lower Upper
122 100
105 12.4 107.8 147.8#
77 49.6 81.6 121.6#



#35
Caprolactam
Concen: 2.248 ng
RT: 8.539 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:113 Resp: 1517
Ion Ratio Lower Upper
113 100
55 871.4 254.9 294.9#
56 295.9 179.4 219.4#

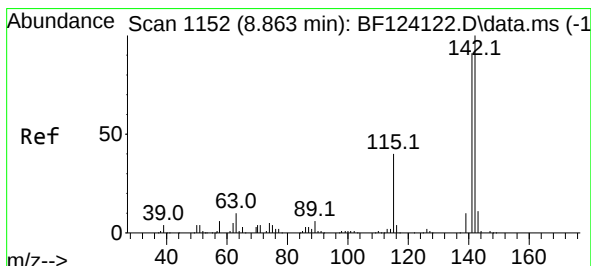
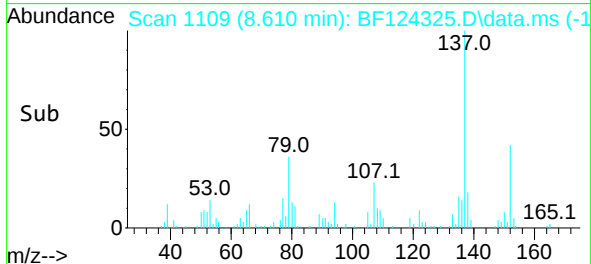
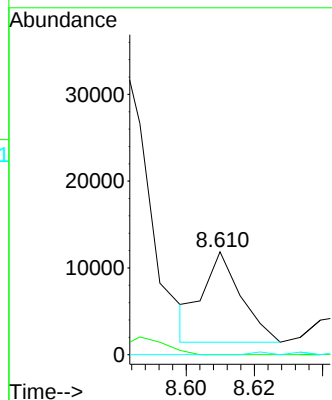
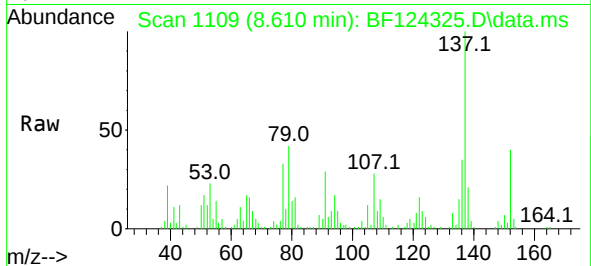




#36
4-Chloro-3-methylphenol
Concen: 2.976 ng
RT: 8.610 min Scan# 1109
Delta R.T. -0.041 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

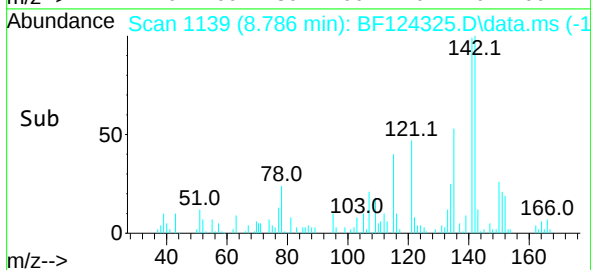
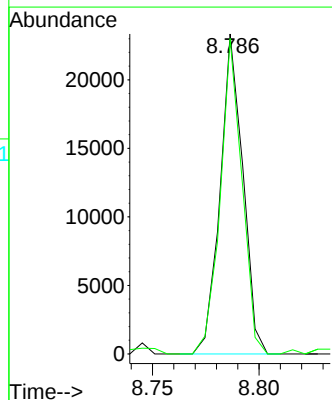
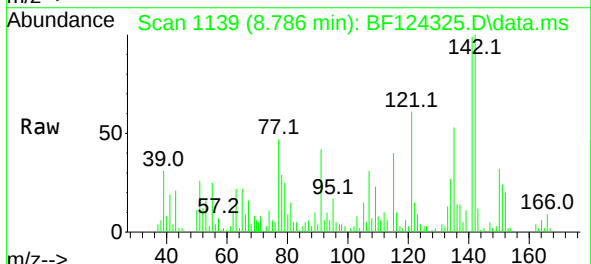
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

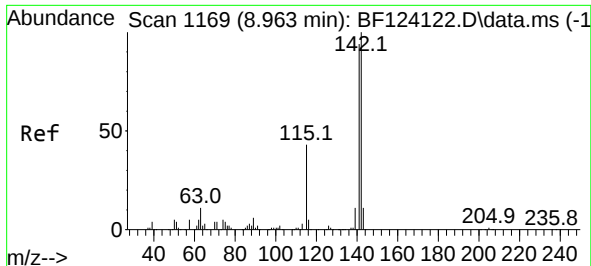
Tgt Ion:107 Resp: 7998
Ion Ratio Lower Upper
107 100
144 0.0 16.3 24.5#
142 0.0 50.1 75.1#



#37
2-Methylnaphthalene
Concen: 3.100 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:142 Resp: 17317
Ion Ratio Lower Upper
142 100
141 98.6 71.8 107.6

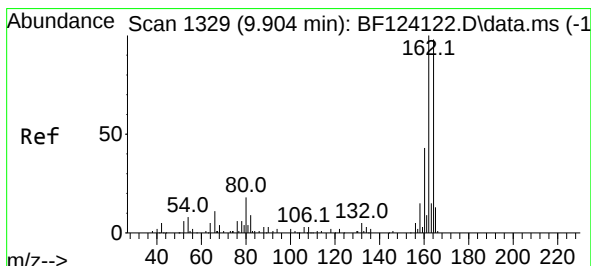
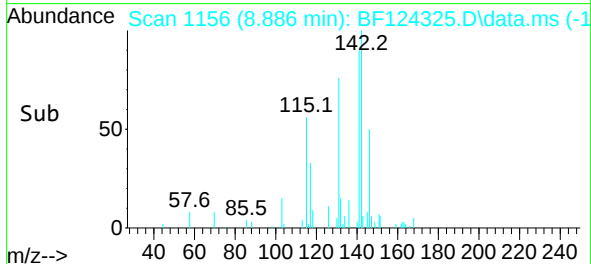
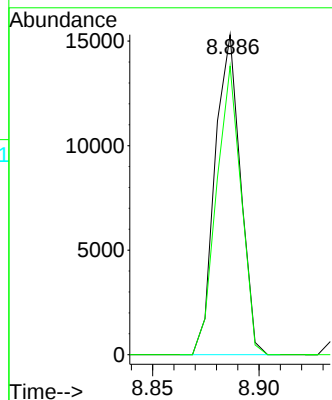
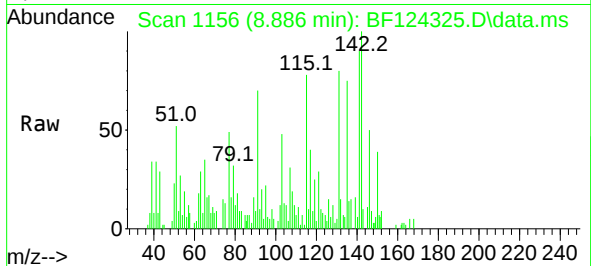




#38
1-Methylnaphthalene
Concen: 2.429 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

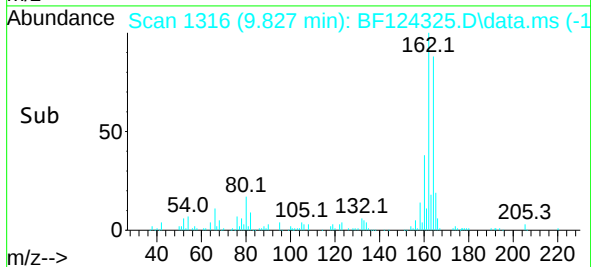
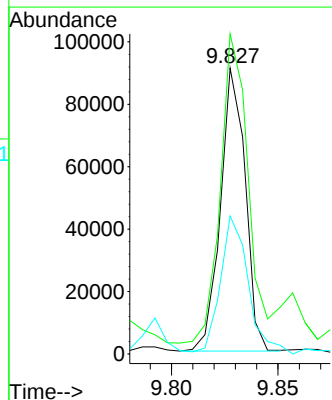
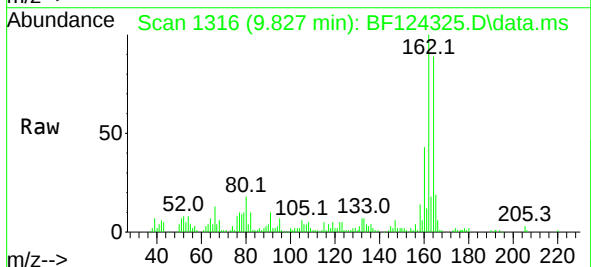
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

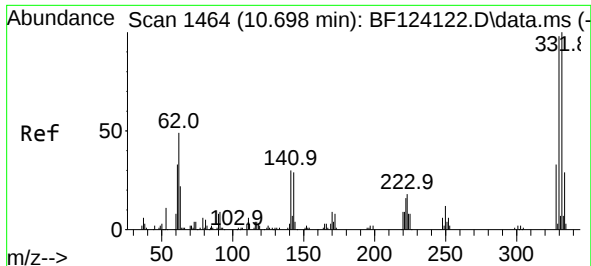
Tgt Ion:142 Resp: 12683
Ion Ratio Lower Upper
142 100
141 90.2 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

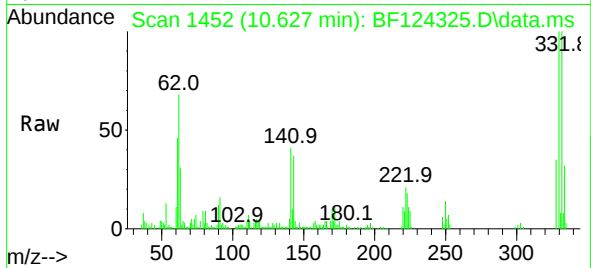
Tgt Ion:164 Resp: 73307
Ion Ratio Lower Upper
164 100
162 112.0 80.7 121.1
160 48.3 37.3 55.9



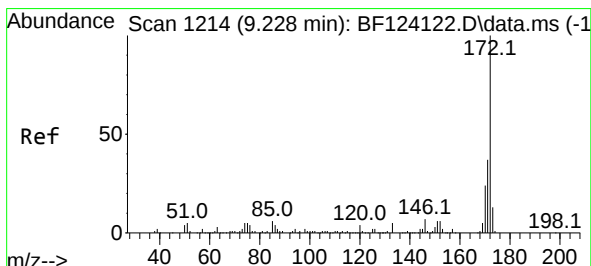
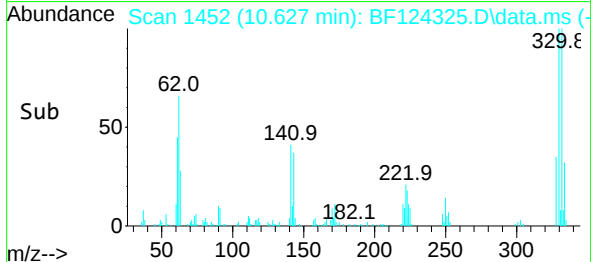
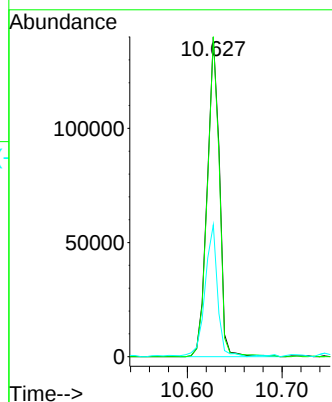


#42
2,4,6-Tribromophenol
Concen: 120.810 ng
RT: 10.627 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

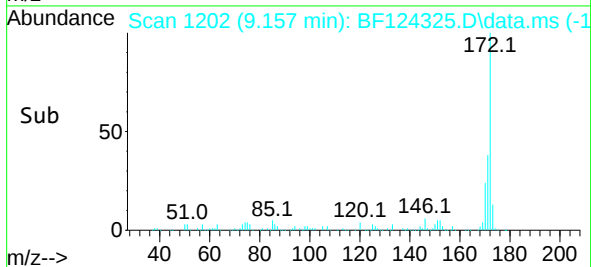
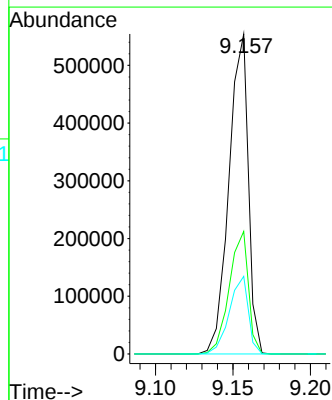
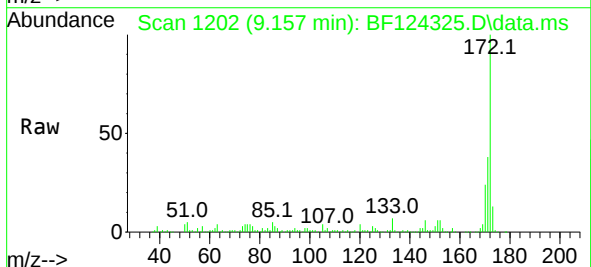


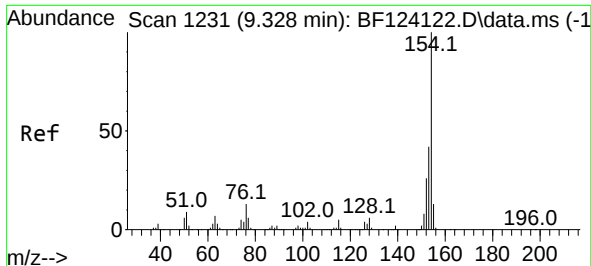
Tgt Ion: 330 Resp: 125471
Ion Ratio Lower Upper
330 100
332 98.1 77.1 115.7
141 42.6 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 82.618 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion: 172 Resp: 481297
Ion Ratio Lower Upper
172 100
171 38.3 28.1 42.1
170 24.3 19.2 28.8

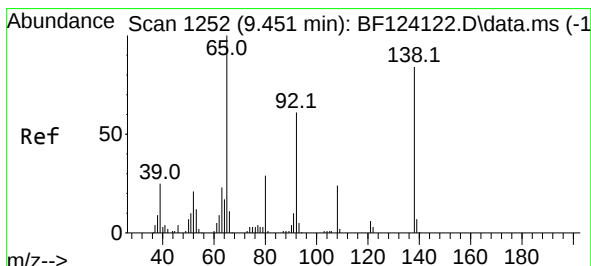
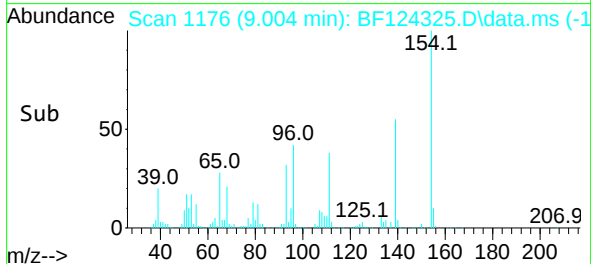
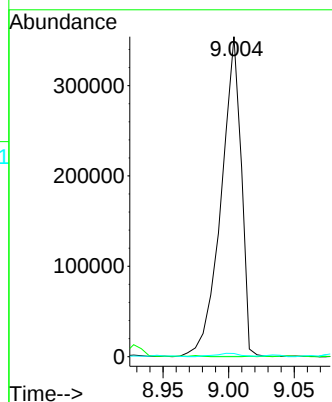
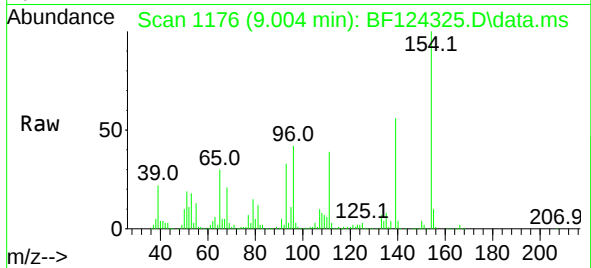




#46
1,1'-Biphenyl
Concen: 60.725 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.247 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

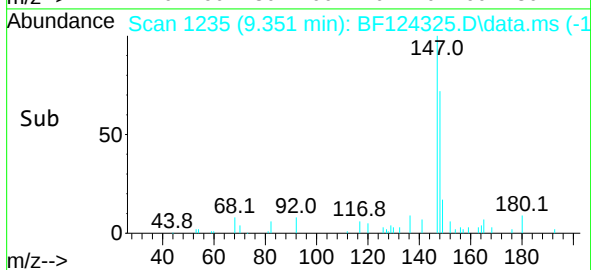
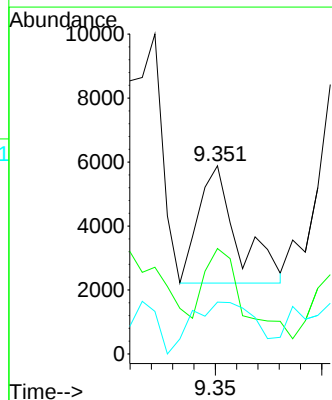
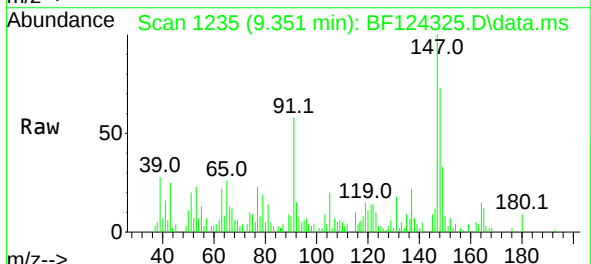
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

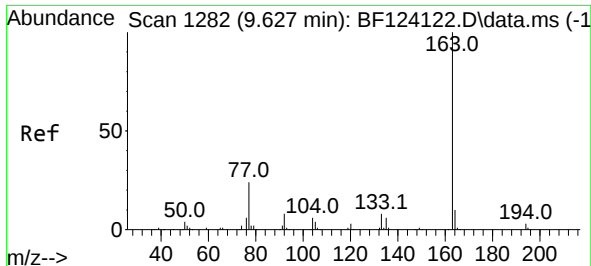
Tgt Ion:154 Resp: 375778
Ion Ratio Lower Upper
154 100
153 0.0 20.7 60.7#
76 1.0 0.0 31.7



#48
2-Nitroaniline
Concen: 2.579 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.029 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

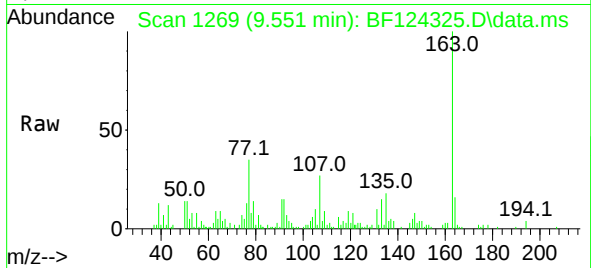
Tgt Ion: 65 Resp: 4688
Ion Ratio Lower Upper
65 100
92 56.1 47.1 70.7
138 27.6 70.2 105.2#



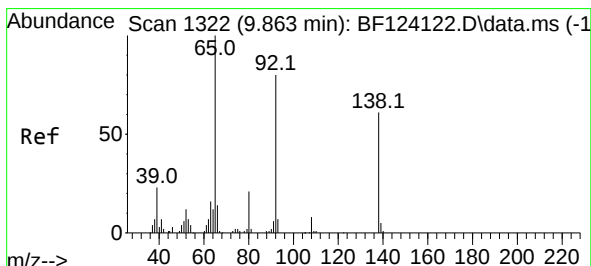
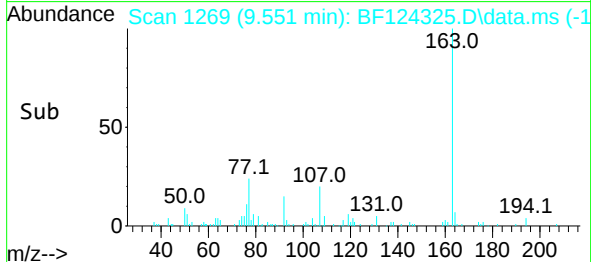
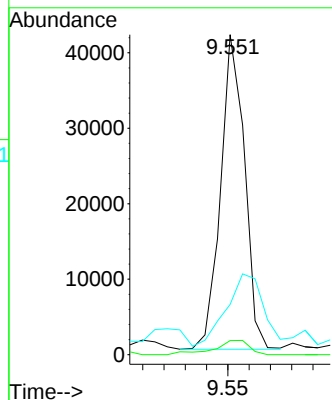


#50
Dimethylphthalate
Concen: 5.364 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

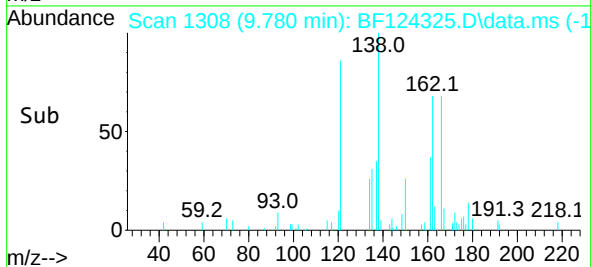
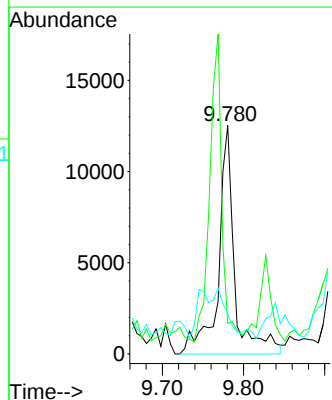
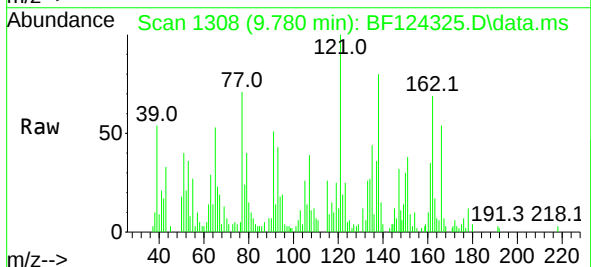


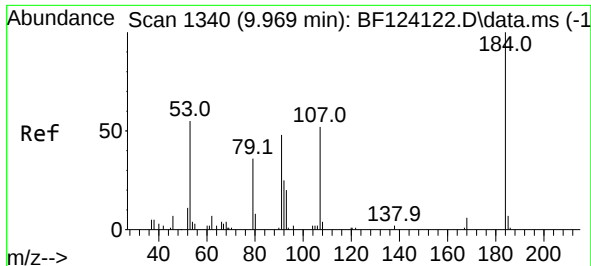
Tgt Ion:163 Resp: 32533
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 15.7 8.2 12.2#



#53
3-Nitroaniline
Concen: 13.317 ng
RT: 9.780 min Scan# 1308
Delta R.T. -0.018 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:138 Resp: 17333
Ion Ratio Lower Upper
138 100
108 13.4 10.2 15.4
92 17.6 103.3 154.9#

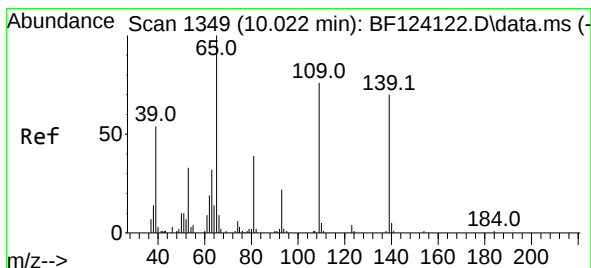
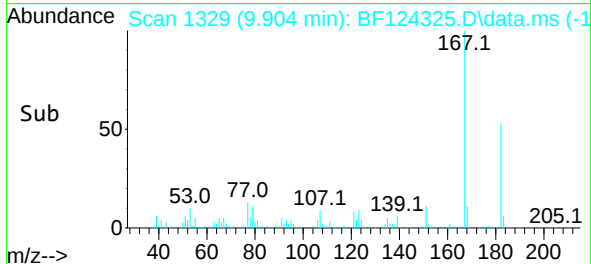
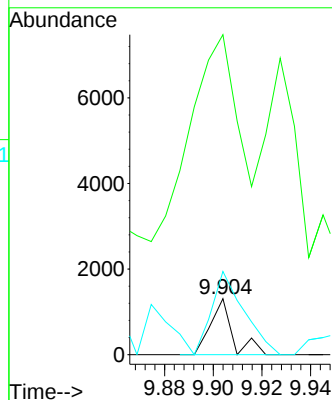
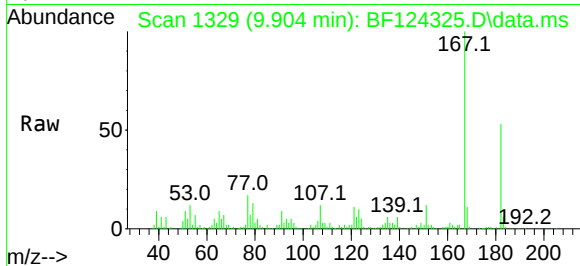




#54
2,4-Dinitrophenol
Concen: 4.603 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

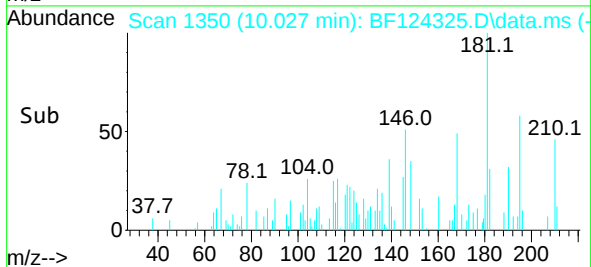
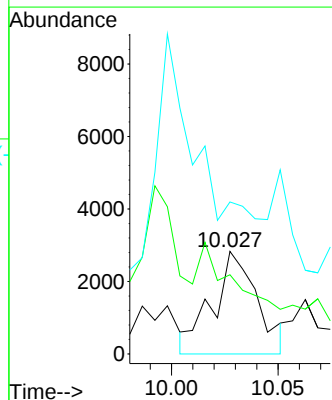
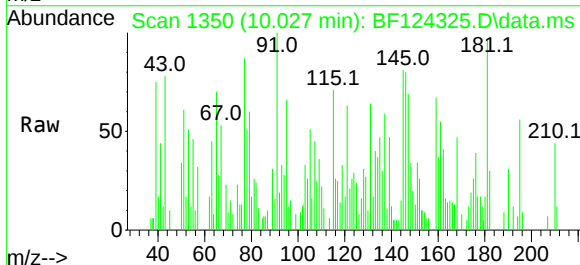
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

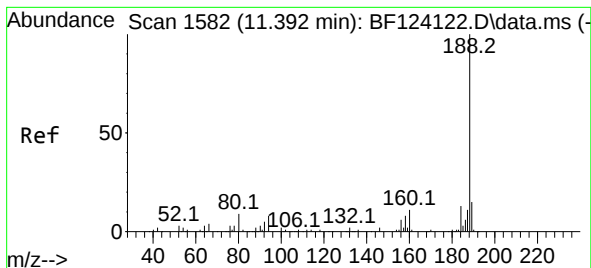
Tgt Ion:184 Resp: 812
Ion Ratio Lower Upper
184 100
63 571.9 73.5 110.3#
154 148.7 52.5 78.7#



#56
4-Nitrophenol
Concen: 4.390 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.047 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:139 Resp: 4083
Ion Ratio Lower Upper
139 100
109 77.3 63.2 103.2
65 148.2 110.0 150.0

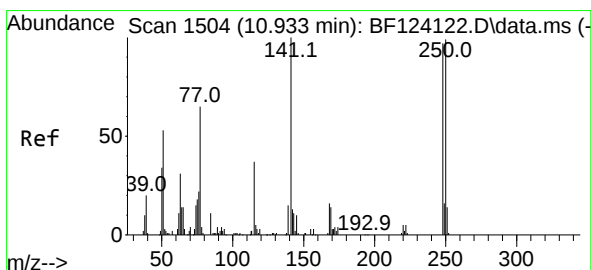
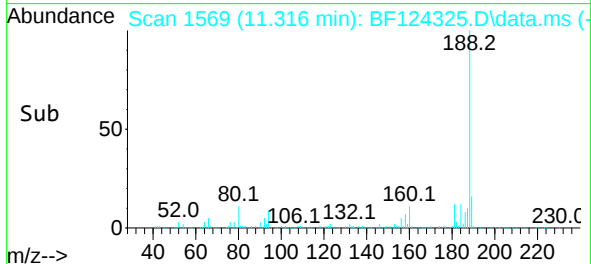
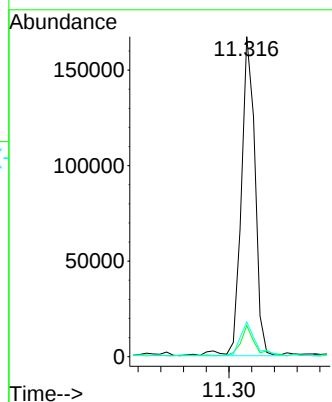
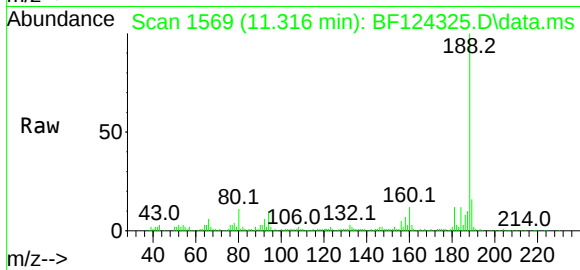




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

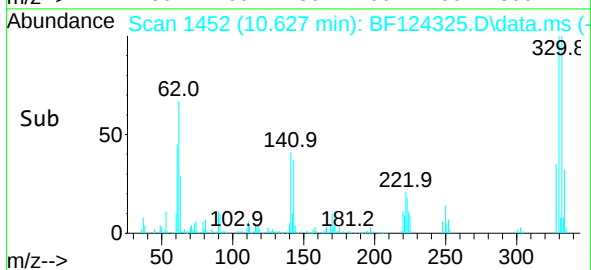
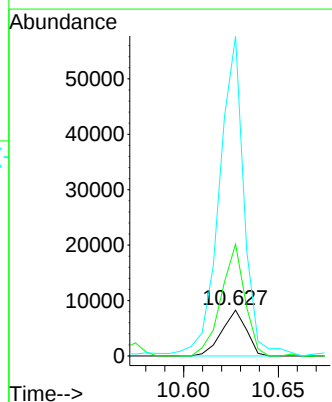
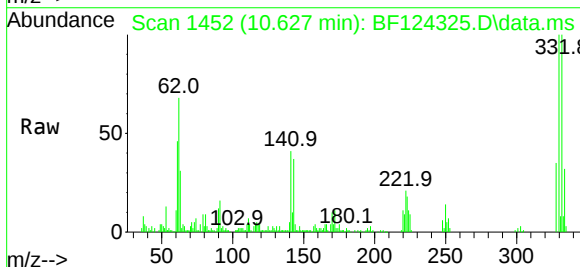
Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

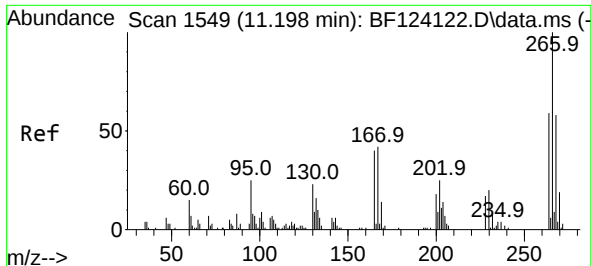
Tgt Ion:188 Resp: 140129
Ion Ratio Lower Upper
188 100
94 9.7 6.9 10.3
80 10.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.870 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.235 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:248 Resp: 7444
Ion Ratio Lower Upper
248 100
250 244.6 77.4 116.2#
141 699.9 63.7 95.5#

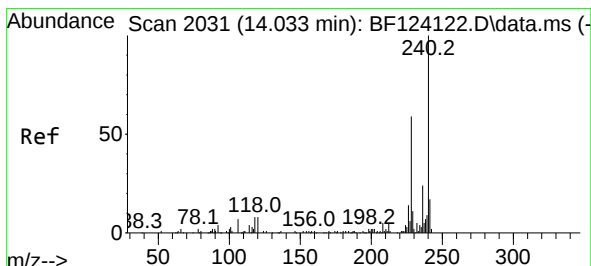
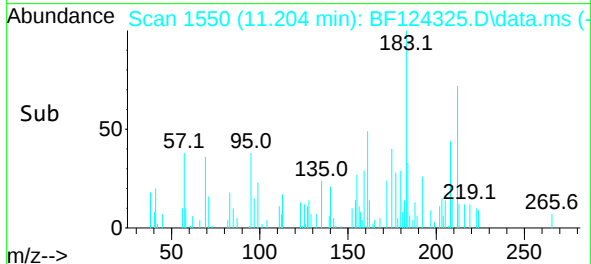
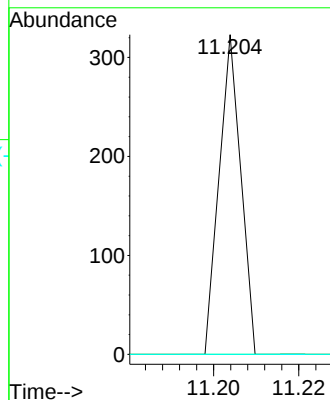
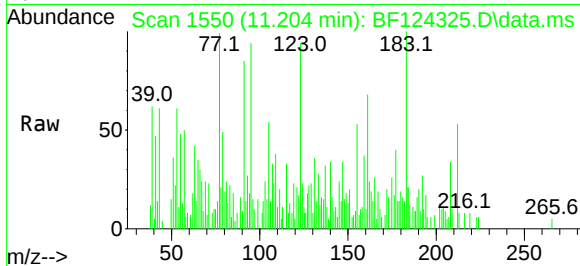




#70
 Pentachlorophenol
 Concen: 4.758 ng
 RT: 11.204 min Scan# 1550
 Delta R.T. 0.076 min
 Lab File: BF124325.D
 Acq: 15 Jun 2021 16:23

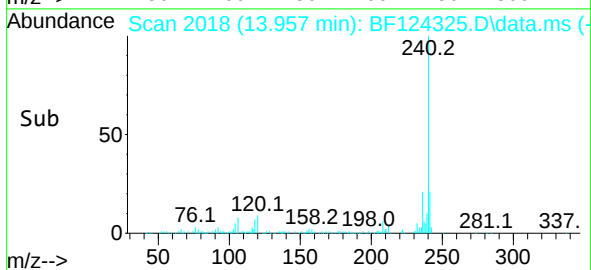
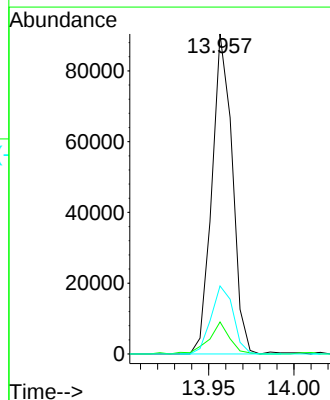
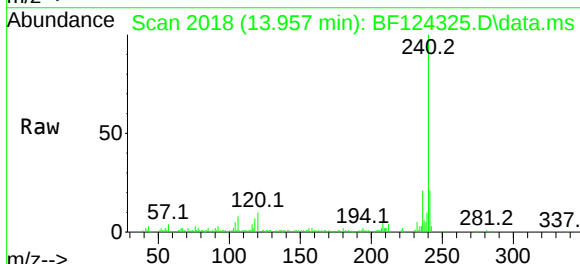
Instrument :
 BNA_F
 ClientSampleId :
 TMR-DS-04-060921

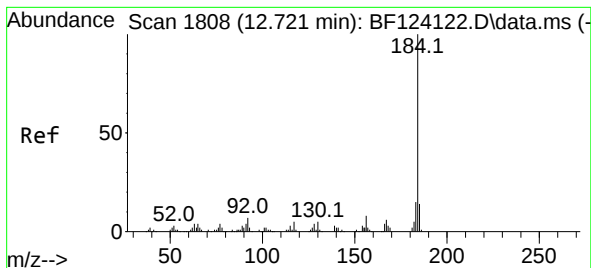
Tgt Ion:266 Resp: 114
 Ion Ratio Lower Upper
 266 100
 268 0.0 51.6 77.4#
 264 0.0 52.6 78.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.957 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: BF124325.D
 Acq: 15 Jun 2021 16:23

Tgt Ion:240 Resp: 75362
 Ion Ratio Lower Upper
 240 100
 120 10.0 7.2 10.8
 236 21.3 19.0 28.4





#77

Benzidine

Concen: 9.470 ng

RT: 12.904 min Scan# 1839

Delta R.T. 0.206 min

Lab File: BF124325.D

Acq: 15 Jun 2021 16:23

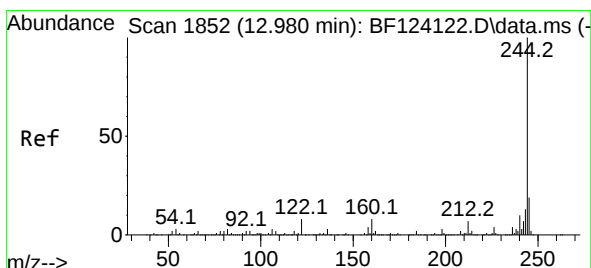
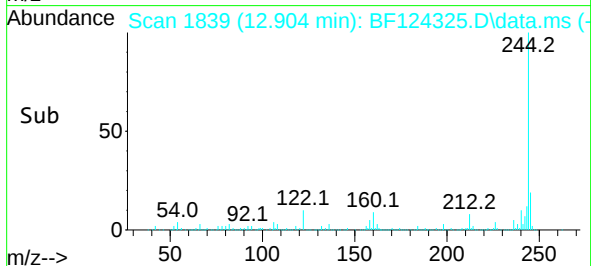
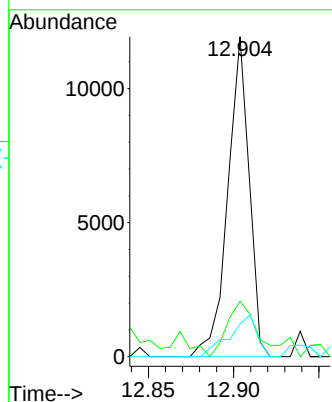
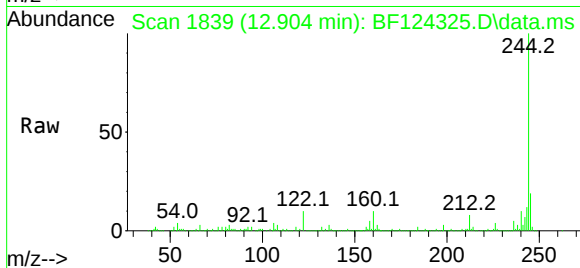
Instrument :

BNA_F

ClientSampleId :

TMR-DS-04-060921

Tgt Ion:184	Resp:	10379
Ion Ratio	Lower	Upper
184	100	
185	17.3	12.1 18.1
183	10.3	7.8 11.8



#79

Terphenyl-d14

Concen: 92.326 ng

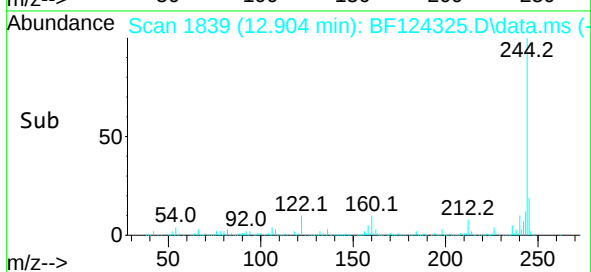
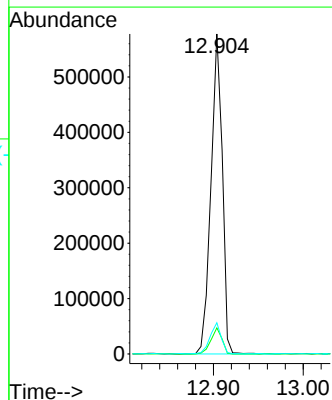
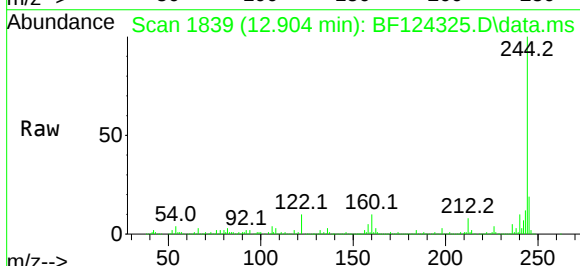
RT: 12.904 min Scan# 1839

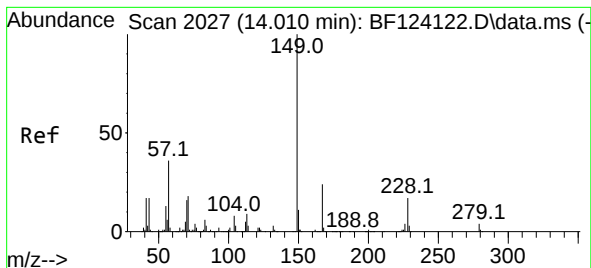
Delta R.T. 0.000 min

Lab File: BF124325.D

Acq: 15 Jun 2021 16:23

Tgt Ion:244	Resp:	506782
Ion Ratio	Lower	Upper
244	100	
212	8.2	5.7 8.5
122	9.7	9.7 14.5

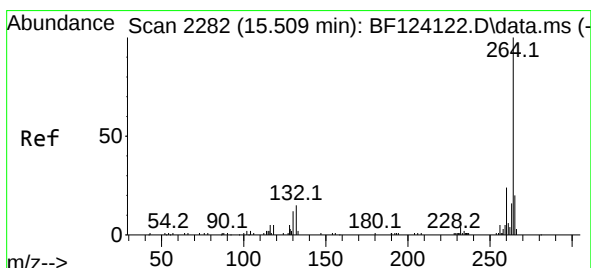
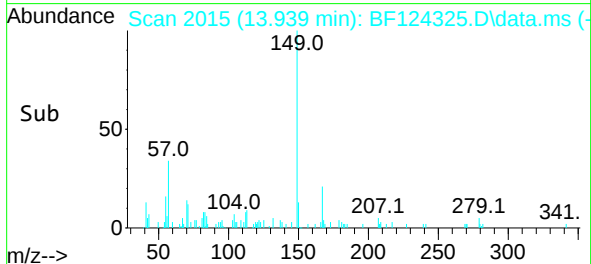
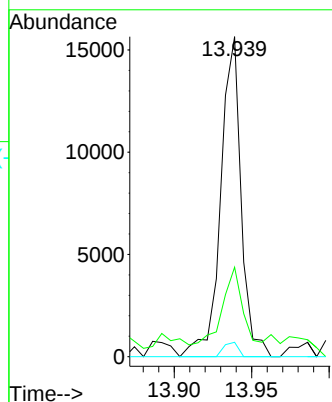
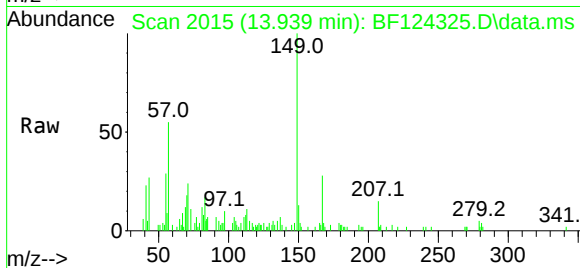




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.112 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Instrument :
BNA_F
ClientSampleId :
TMR-DS-04-060921

Tgt Ion:149 Resp: 14358
Ion Ratio Lower Upper
149 100
167 28.0 21.8 32.6
279 4.5 3.3 4.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.000 min
Lab File: BF124325.D
Acq: 15 Jun 2021 16:23

Tgt Ion:264 Resp: 81629
Ion Ratio Lower Upper
264 100
260 21.5 18.7 28.1
265 21.6 17.8 26.8

