

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124630.D
 Acq On : 20 Jul 2021 14:49
 Operator : JU/CG
 Sample : M3065-01 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-071521

Quant Time: Jul 20 15:14:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:36:28 2021
 Response via : Initial Calibration

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

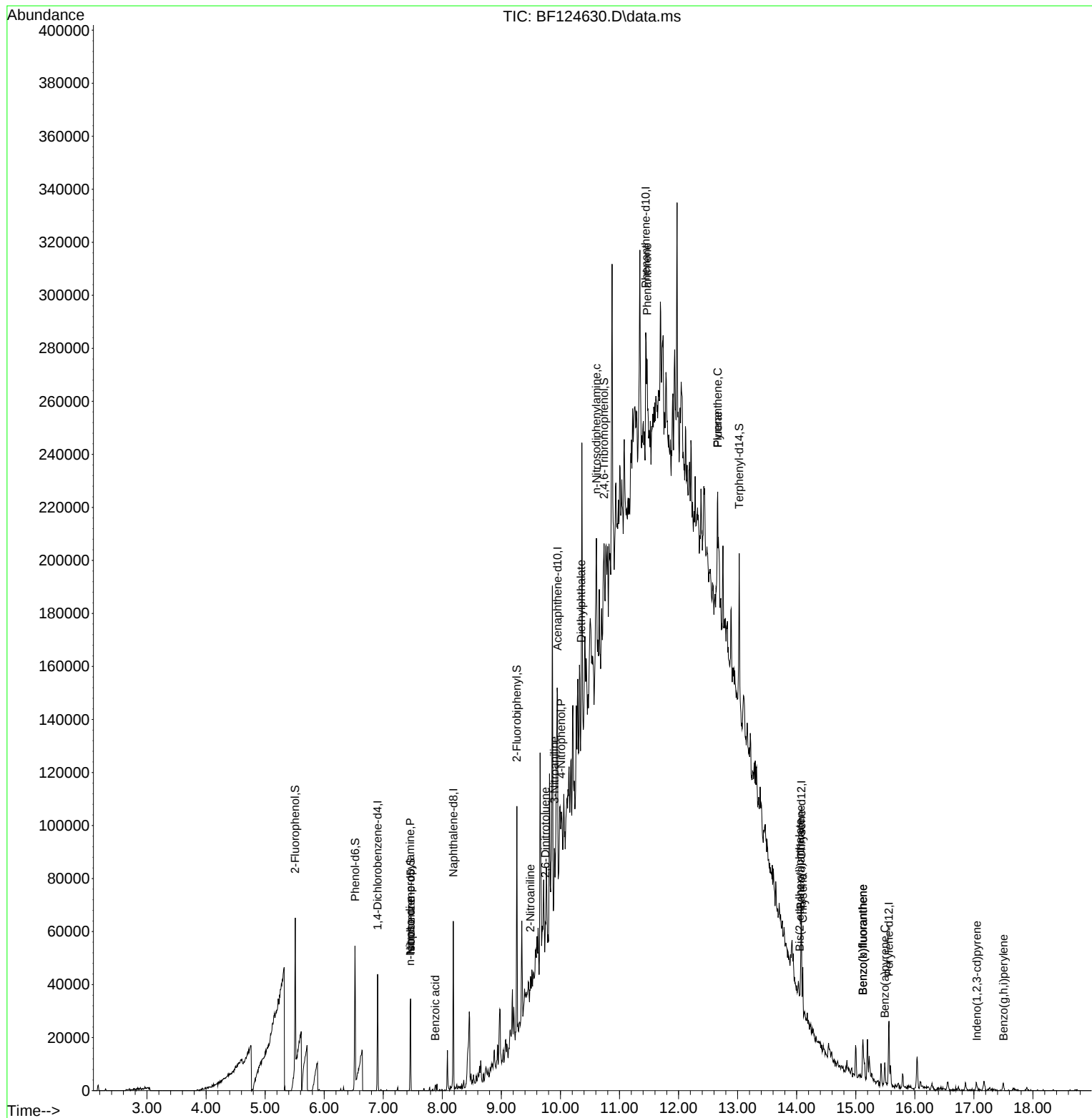
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	6742	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	24163	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	11023	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	14272	20.000	ng	# 0.01
76) Chrysene-d12	14.080	240	12114	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	12031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	13596	34.939	ng	-0.01
7) Phenol-d6	6.522	99	16090	33.990	ng	0.00
23) Nitrobenzene-d5	7.463	82	9756	25.488	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	2648	30.870	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	19875	26.293	ng	0.00
79) Terphenyl-d14	13.027	244	14152	19.617	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	1121	4.212	ng	# 85
25) Isophorone	7.463	82	9756	13.884	ng	# 59
32) Benzoic acid	7.881	122	659	7.558	ng	# 89
48) 2-Nitroaniline	9.492	65	347	2.198	ng	# 8
51) 2,6-Dinitrotoluene	9.745	165	428	2.831	ng	# 26
53) 3-Nitroaniline	9.898	138	990	5.868	ng	# 1
56) 4-Nitrophenol	10.010	139	728	5.185	ng	# 1
60) Diethylphthalate	10.351	149	2820	3.517	ng	# 69
66) n-Nitrosodiphenylamine	10.610	169	1672	3.598	ng	# 43
71) Phenanthrene	11.469	178	6963	8.943	ng	# 76
75) Fluoranthene	12.663	202	11845	15.078	ng	96
78) Pyrene	12.663	202	11845	11.769	ng	98
81) Benzo(a)anthracene	14.068	228	4511	5.615	ng	98
83) Chrysene	14.104	228	5893	7.657	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	2134	3.266	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.051	276	2771	3.971	ng	# 76
88) Benzo(b)fluoranthene	15.121	252	11321	13.110	ng	100
89) Benzo(k)fluoranthene	15.121	252	11321	14.288	ng	# 95
90) Benzo(a)pyrene	15.492	252	4599	6.452	ng	# 95
92) Benzo(g,h,i)perylene	17.503	276	2680	4.622	ng	# 69

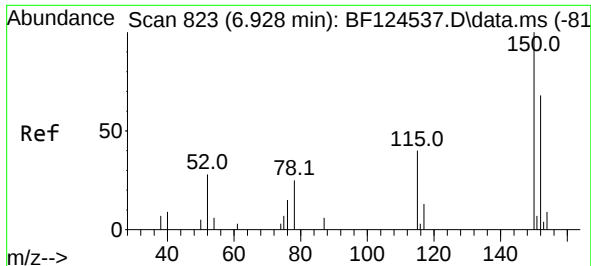
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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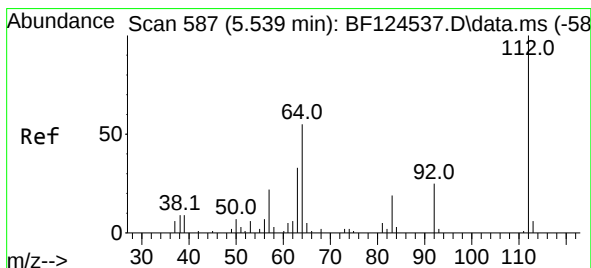
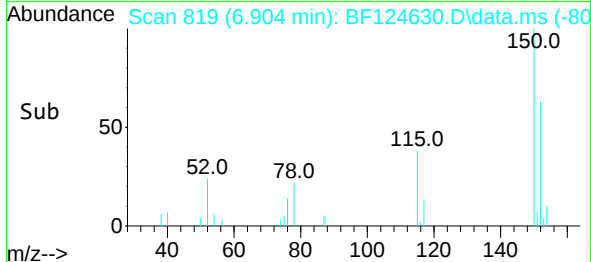
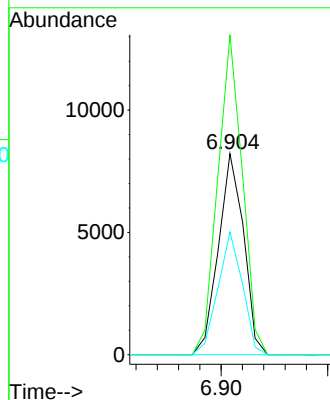
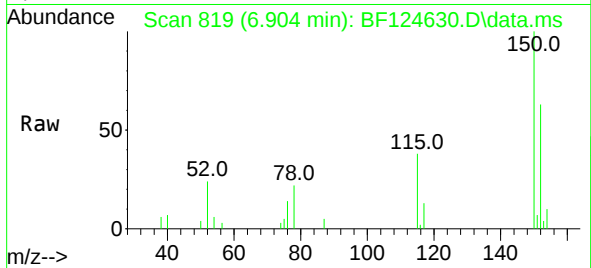




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

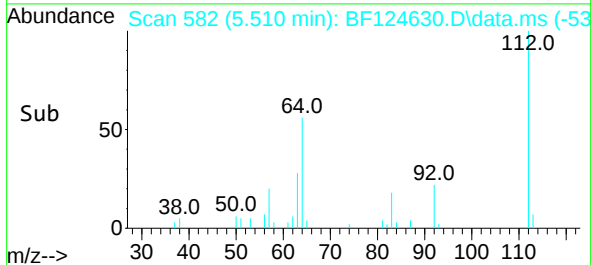
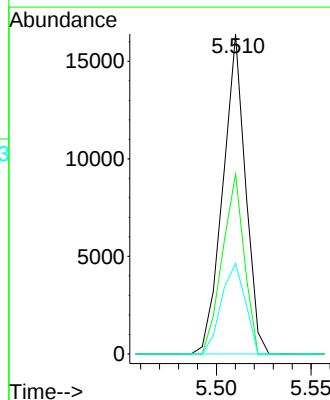
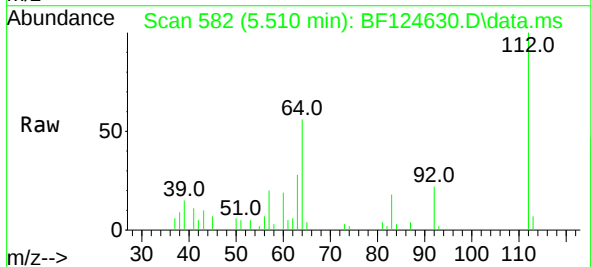
Instrument :
BNA_F
ClientSampleId :
TR-04-071521

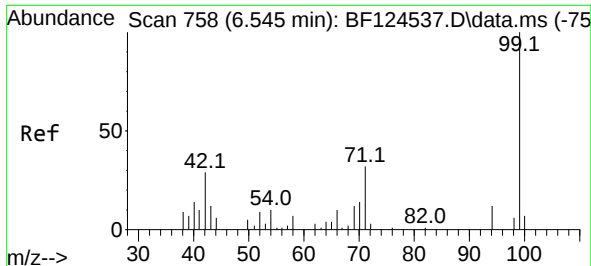
Tgt Ion:152 Resp: 6742
Ion Ratio Lower Upper
152 100
150 159.2 117.6 176.4
115 61.1 47.1 70.7



#5
2-Fluorophenol
Concen: 34.939 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.012 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:112 Resp: 13596
Ion Ratio Lower Upper
112 100
64 56.2 44.2 66.2
63 28.3 26.2 39.2

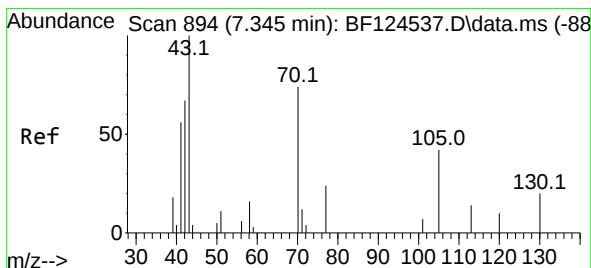
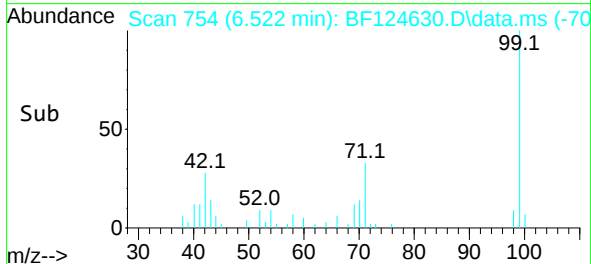
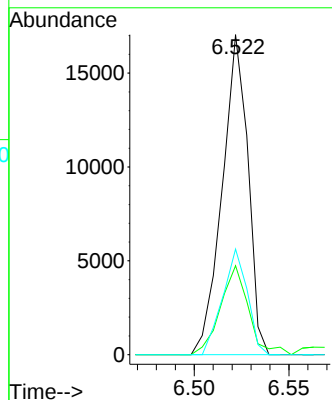
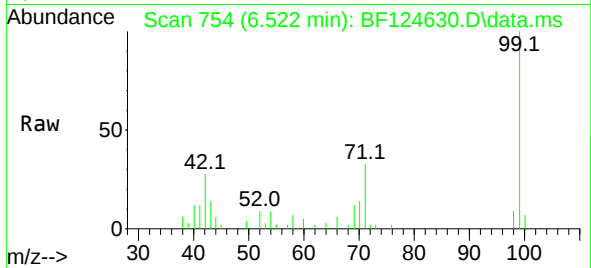




#7
Phenol-d6
Concen: 33.990 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

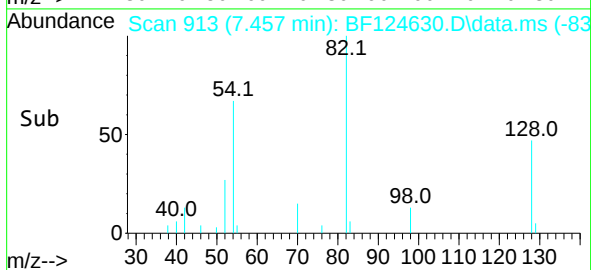
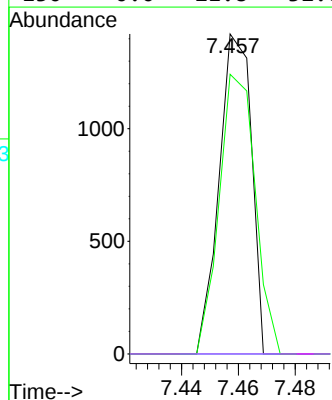
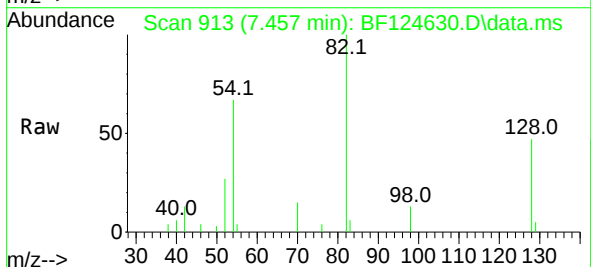
Instrument :
BNA_F
ClientSampleId :
TR-04-071521

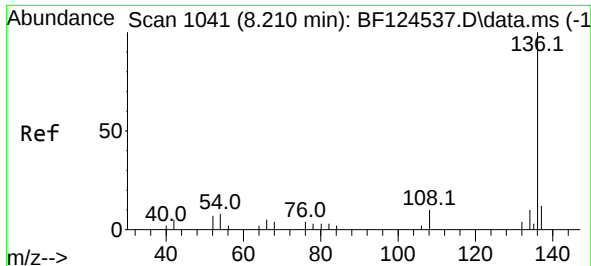
Tgt Ion: 99 Resp: 16090
Ion Ratio Lower Upper
99 100
42 27.8 23.5 35.3
71 33.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 4.212 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.135 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion: 70 Resp: 1121
Ion Ratio Lower Upper
70 100
42 87.4 72.2 108.2
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

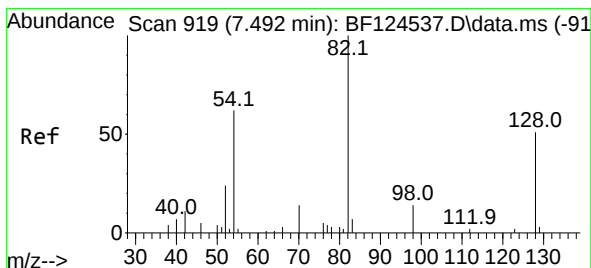
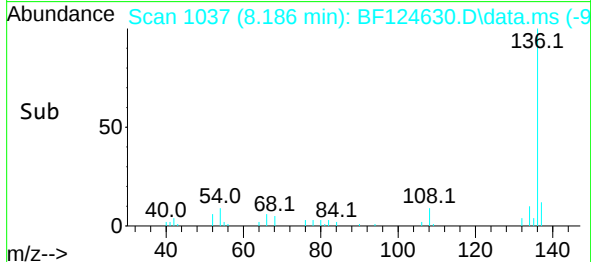
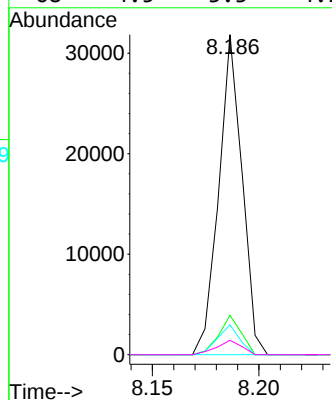
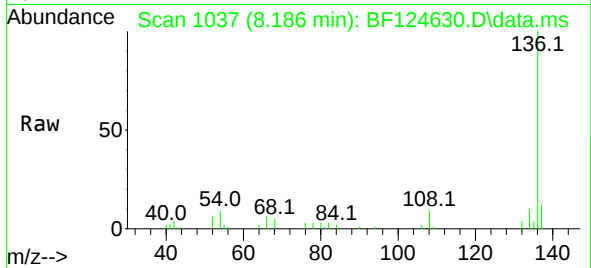




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

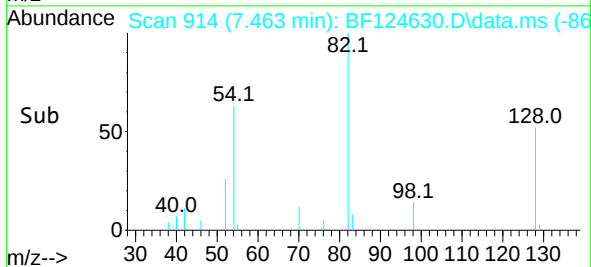
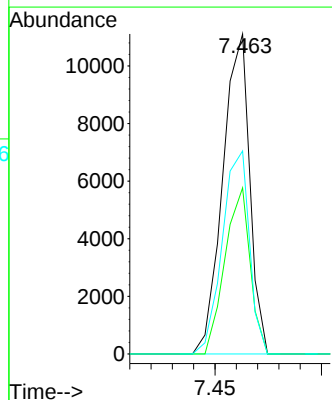
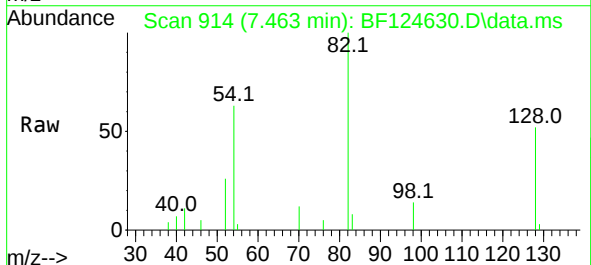
Instrument :
BNA_F
ClientSampleId :
TR-04-071521

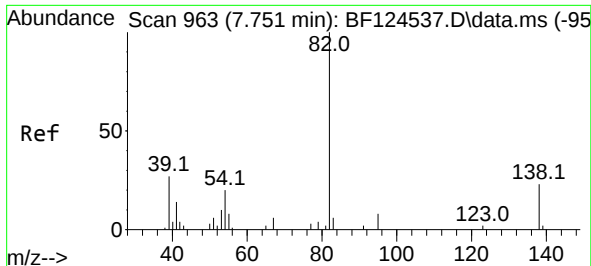
Tgt Ion:136	Resp:	24163
Ion Ratio	Lower	Upper
136	100	
137	12.3	9.8 14.6
54	9.3	6.4 9.6
68	4.5	3.3 4.9



#23
Nitrobenzene-d5
Concen: 25.488 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.012 min
Lab File: BF124630.D
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Tgt Ion: 82	Resp:	9756
Ion Ratio	Lower	Upper
82	100	
128	51.9	40.6 60.8
54	63.5	49.6 74.4

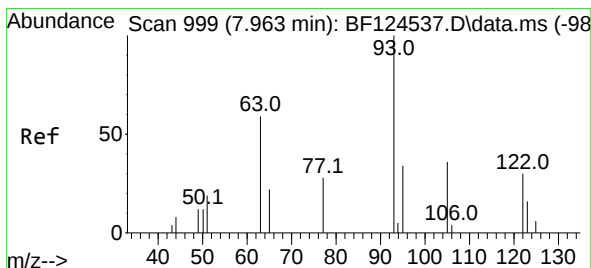
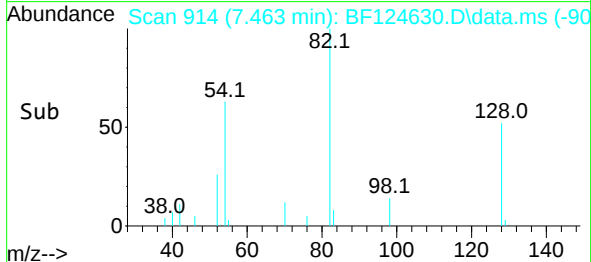
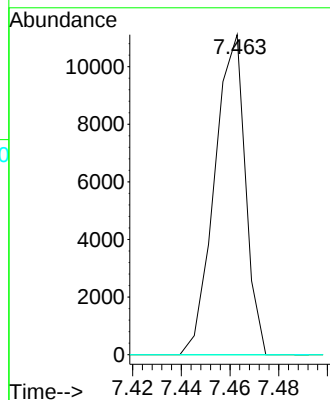
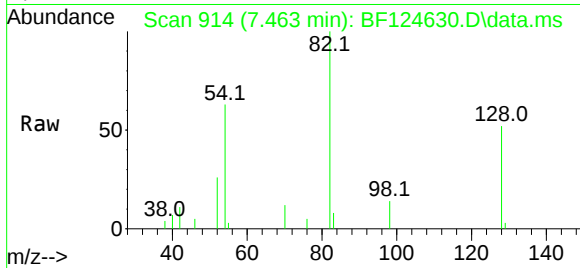




#25
Isophorone
Concen: 13.884 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.270 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

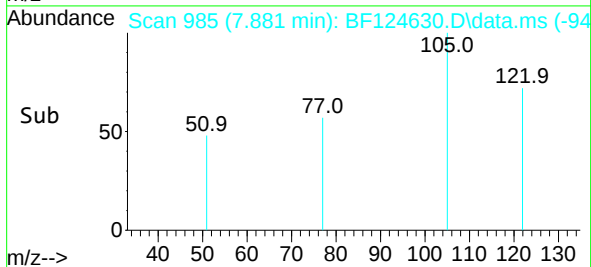
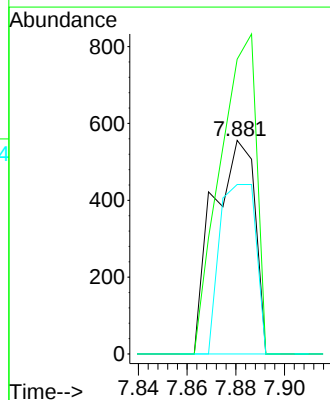
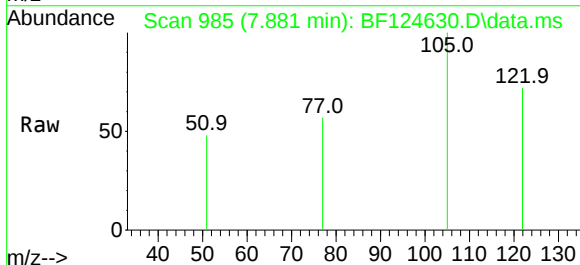
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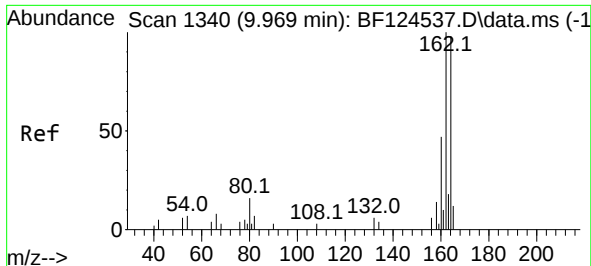
Tgt Ion: 82 Resp: 9756
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 7.558 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.076 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:122 Resp: 659
Ion Ratio Lower Upper
122 100
105 137.9 97.6 137.6#
77 79.3 59.6 99.6

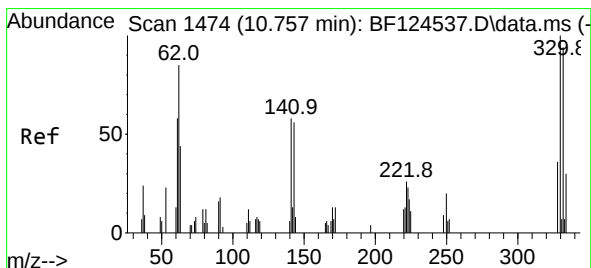
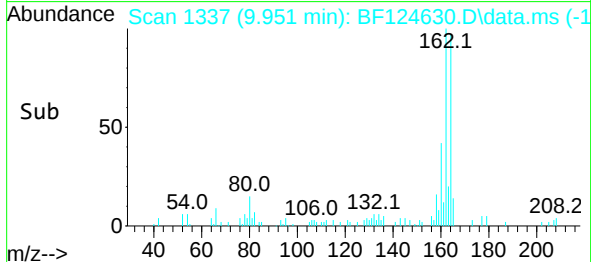
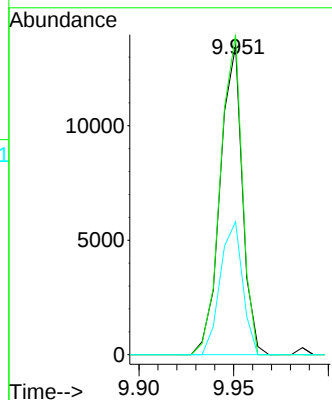
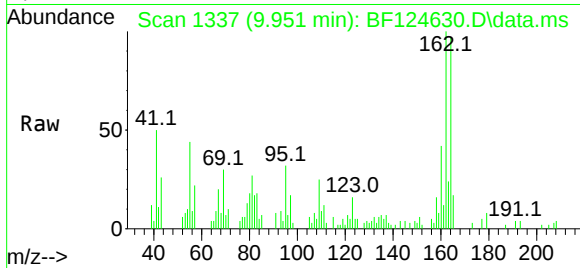




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

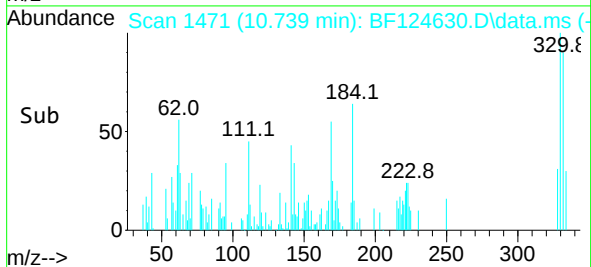
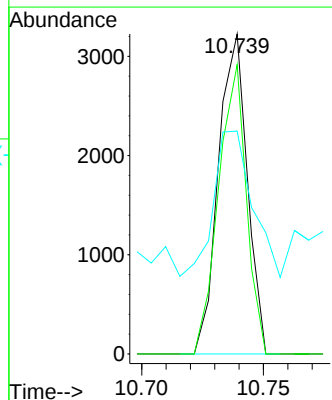
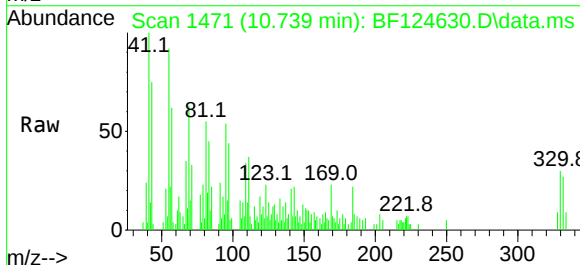
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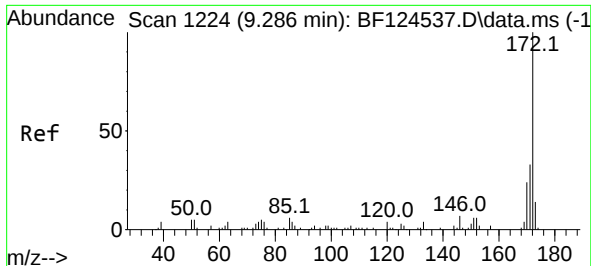
Tgt Ion:164 Resp: 11023
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 43.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 30.870 ng
RT: 10.739 min Scan# 1471
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:330 Resp: 2648
Ion Ratio Lower Upper
330 100
332 87.3 76.2 114.4
141 61.4 44.6 66.8

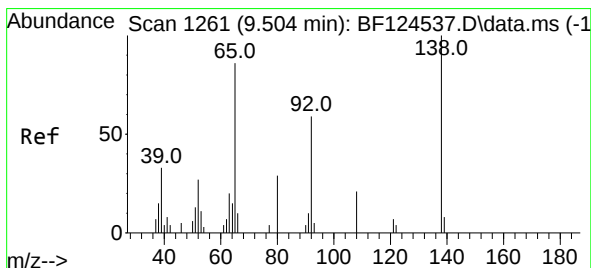
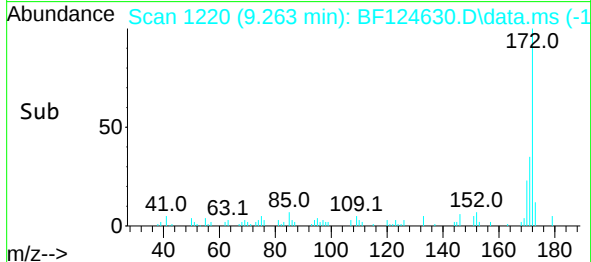
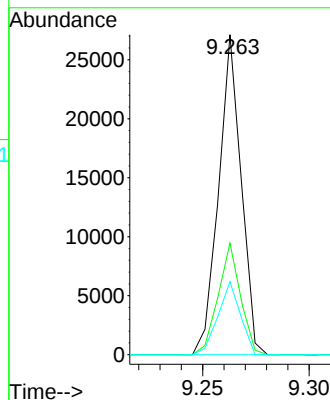
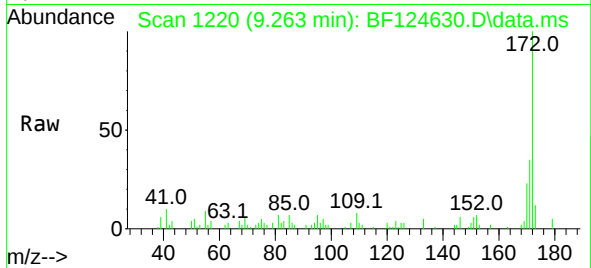




#45
2-Fluorobiphenyl
Concen: 26.293 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

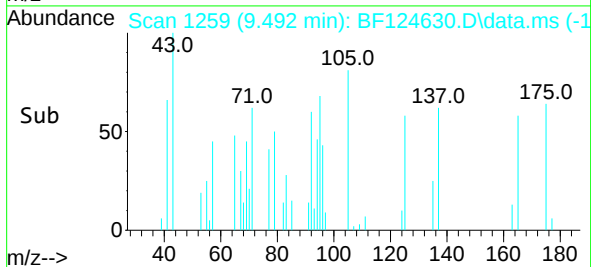
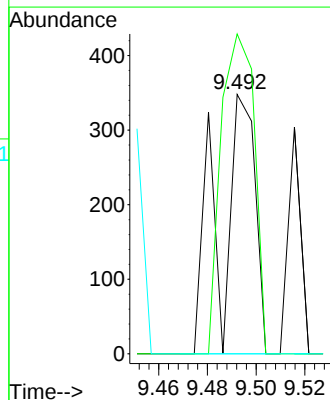
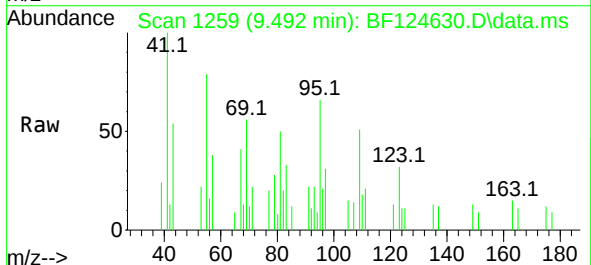
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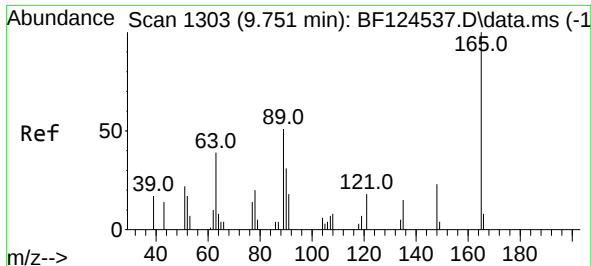
Tgt Ion:172 Resp: 19875
Ion Ratio Lower Upper
172 100
171 34.9 26.5 39.7
170 22.8 18.8 28.2



#48
2-Nitroaniline
Concen: 2.198 ng
RT: 9.492 min Scan# 1259
Delta R.T. 0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion: 65 Resp: 347
Ion Ratio Lower Upper
65 100
92 123.3 55.5 83.3#
138 0.0 93.5 140.3#

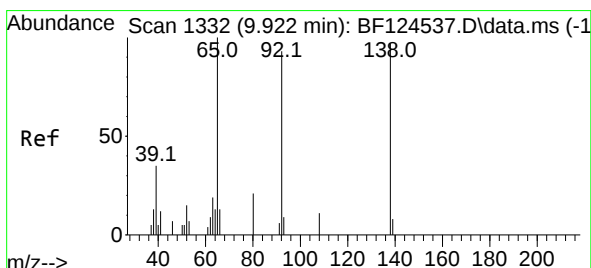
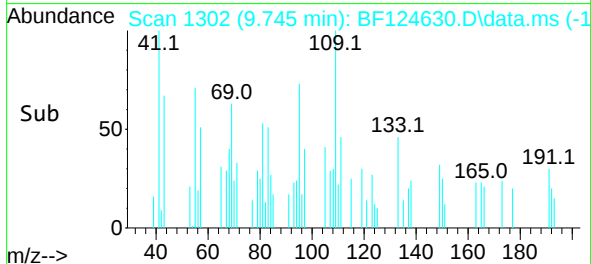
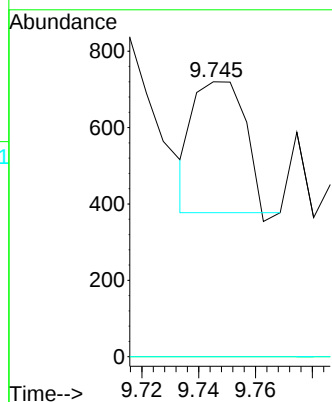
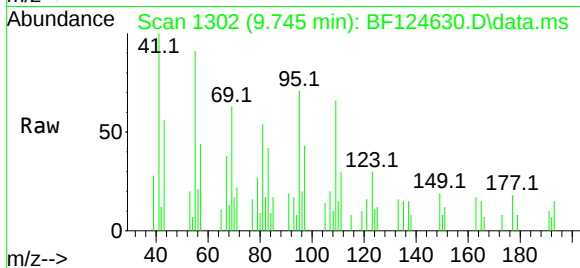




#51
2,6-Dinitrotoluene
Concen: 2.831 ng
RT: 9.745 min Scan# 1302
Delta R.T. 0.012 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

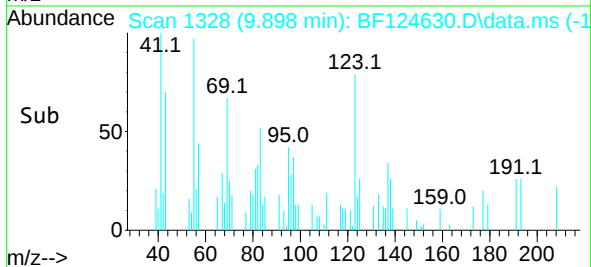
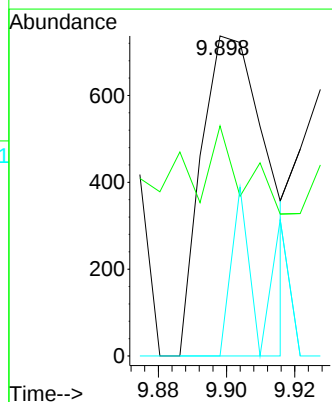
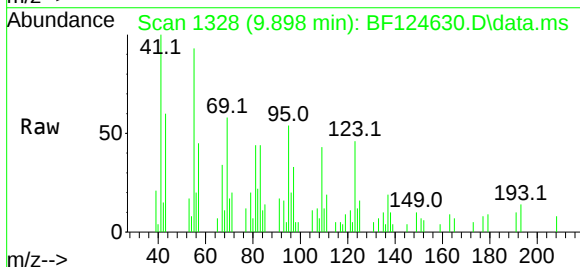
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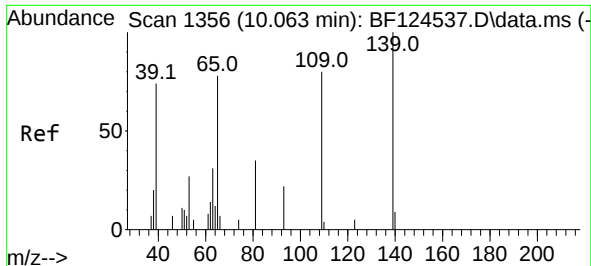
Tgt Ion:165 Resp: 428
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#53
3-Nitroaniline
Concen: 5.868 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:138 Resp: 990
Ion Ratio Lower Upper
138 100
108 71.9 9.3 13.9#
92 0.0 76.5 114.7#

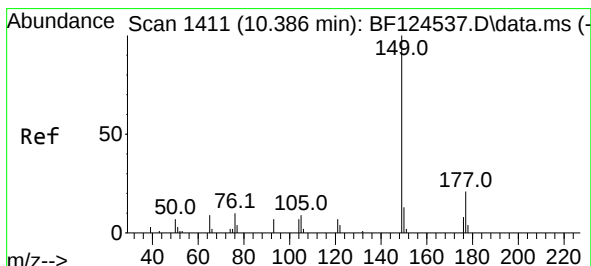
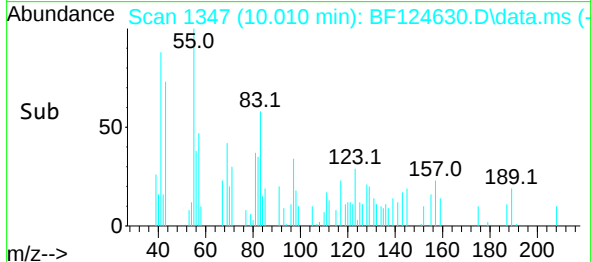
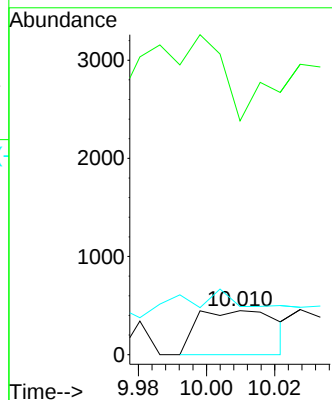
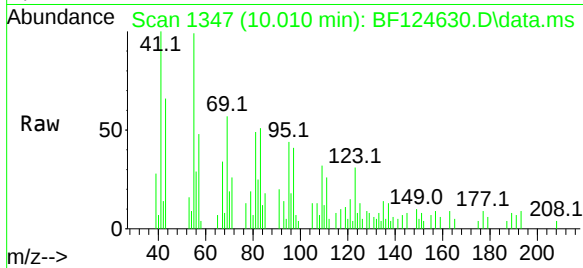




#56
4-Nitrophenol
Concen: 5.185 ng
RT: 10.010 min Scan# 1347
Delta R.T. -0.035 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

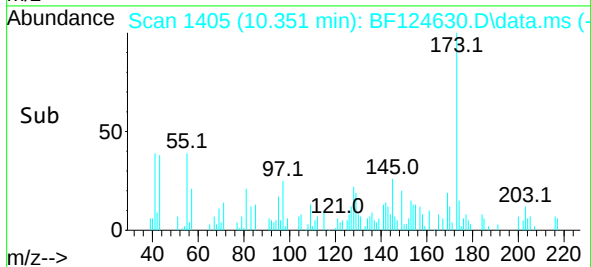
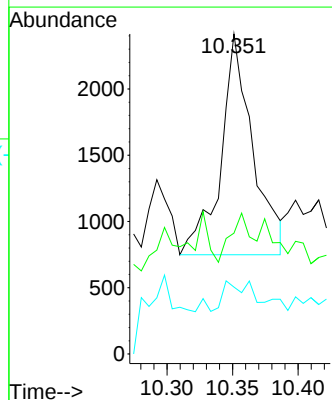
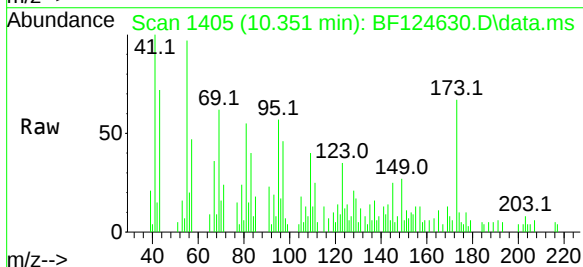
Instrument :
BNA_F
ClientSampleId :
TR-04-071521

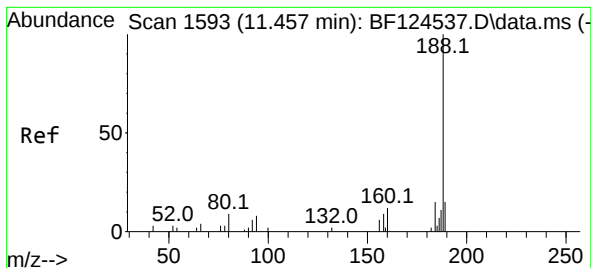
Tgt Ion:139 Resp: 728
Ion Ratio Lower Upper
139 100
109 531.7 60.4 100.4#
65 109.4 58.4 98.4#



#60
Diethylphthalate
Concen: 3.517 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.018 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:149 Resp: 2820
Ion Ratio Lower Upper
149 100
177 37.8 16.5 24.7#
150 20.9 10.1 15.1#

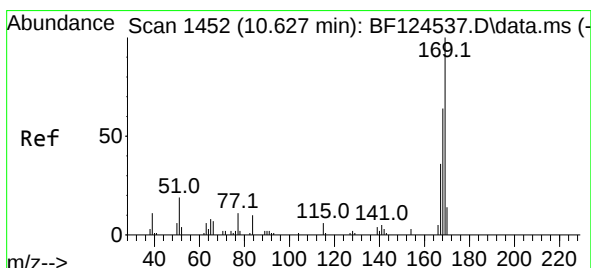
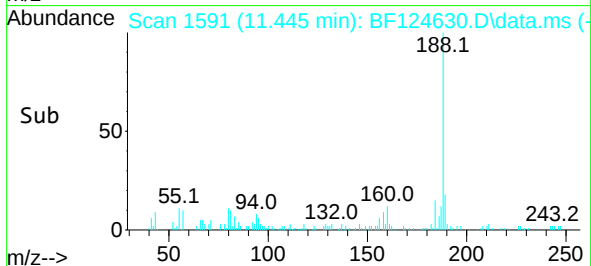
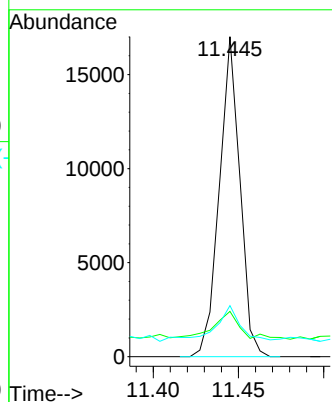
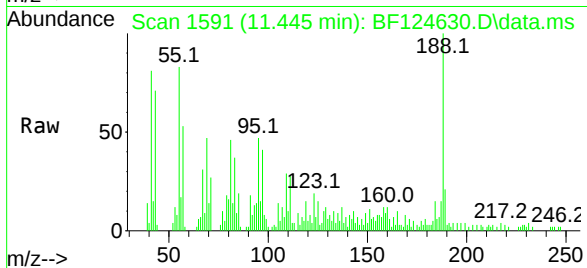




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1591
Delta R.T. 0.012 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

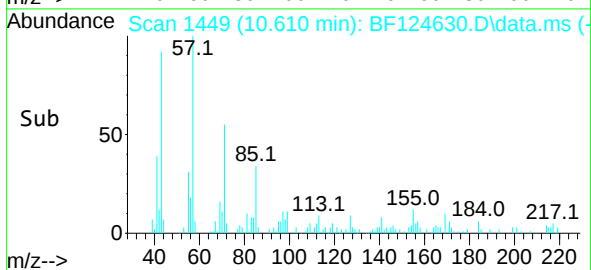
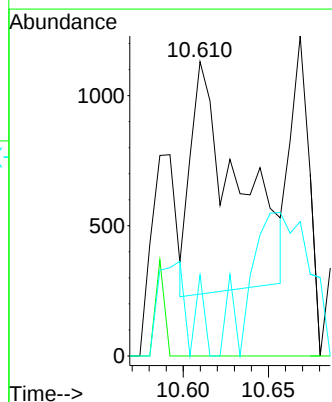
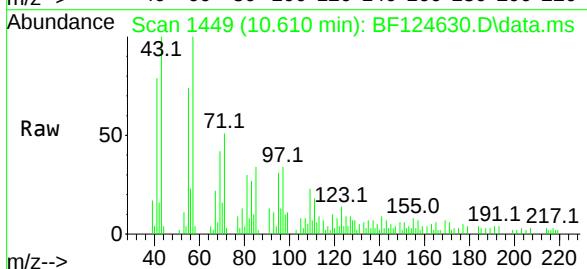
Instrument :
BNA_F
ClientSampleId :
TR-04-071521

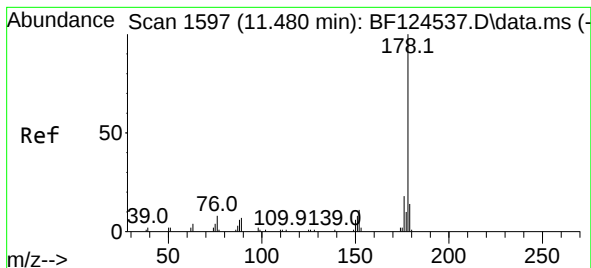
Tgt Ion:188 Resp: 14272
Ion Ratio Lower Upper
188 100
94 14.1 6.7 10.1#
80 16.0 7.5 11.3#



#66
n-Nitrosodiphenylamine
Concen: 3.598 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:169 Resp: 1672
Ion Ratio Lower Upper
169 100
168 0.0 50.8 76.2#
167 27.5 28.8 43.2#

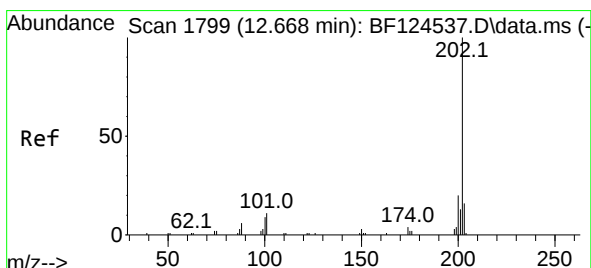
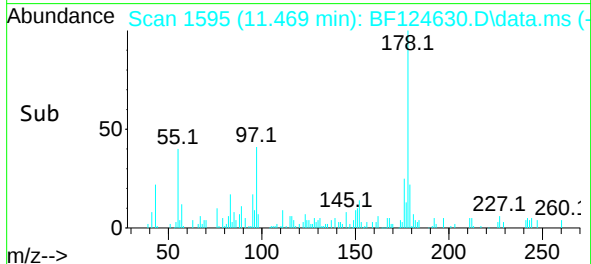
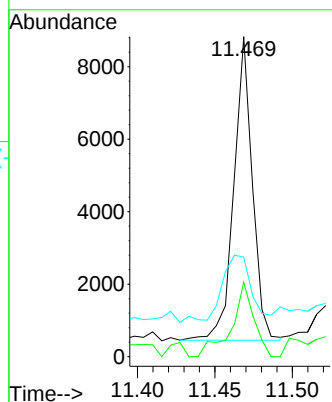
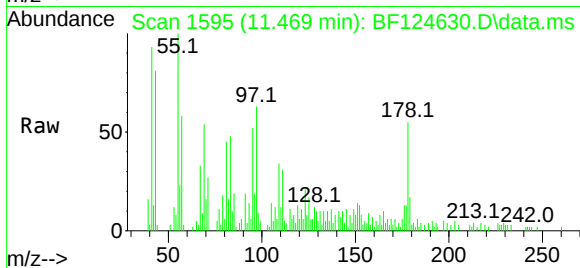




#71
Phenanthrene
Concen: 8.943 ng
RT: 11.469 min Scan# 1595
Delta R.T. 0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

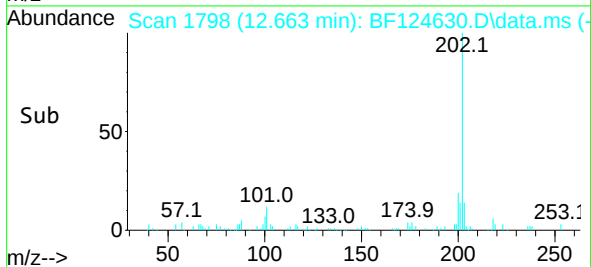
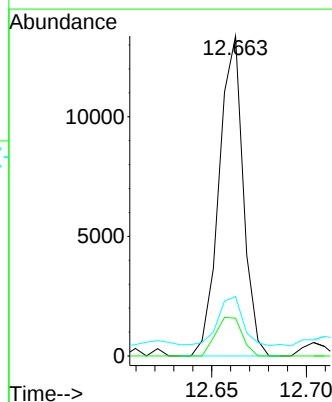
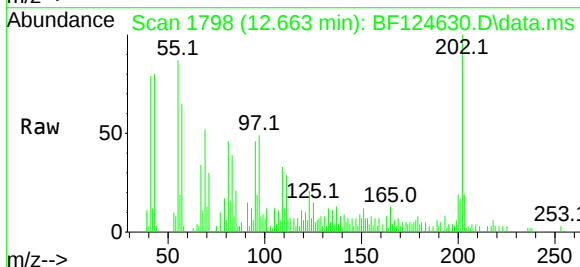
Instrument :
BNA_F
ClientSampleId :
TR-04-071521

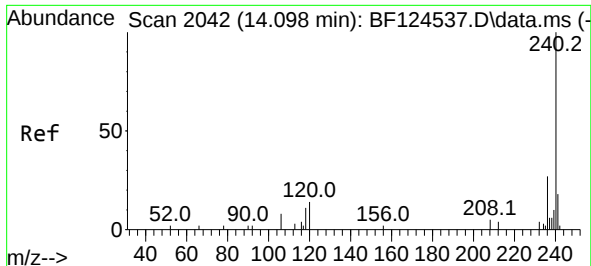
Tgt Ion:178 Resp: 6963
Ion Ratio Lower Upper
178 100
176 23.3 14.7 22.1#
179 31.1 11.5 17.3#



#75
Fluoranthene
Concen: 15.078 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.012 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:202 Resp: 11845
Ion Ratio Lower Upper
202 100
101 11.8 0.0 30.7
203 18.6 0.0 36.3

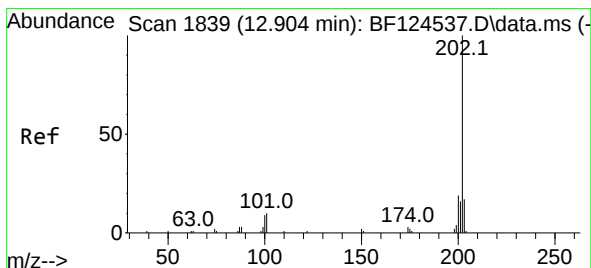
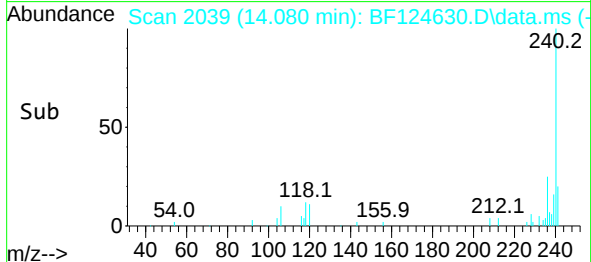
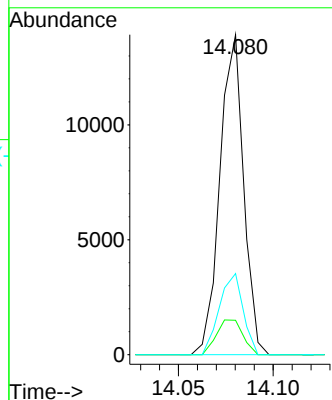
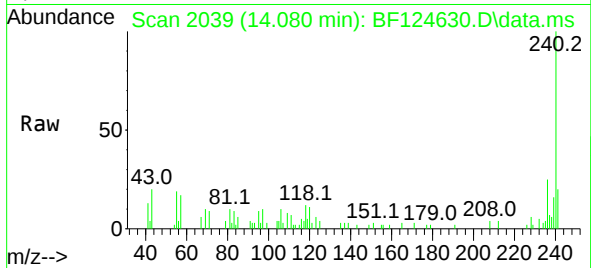




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2039
Delta R.T. 0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

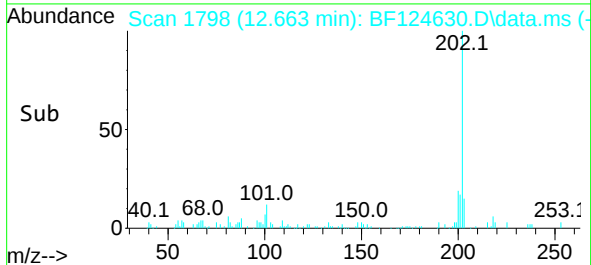
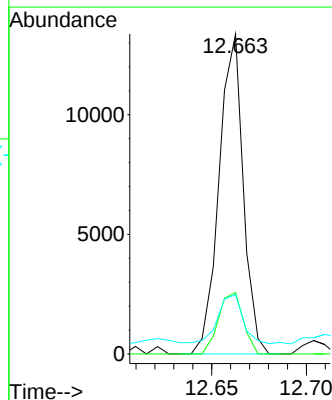
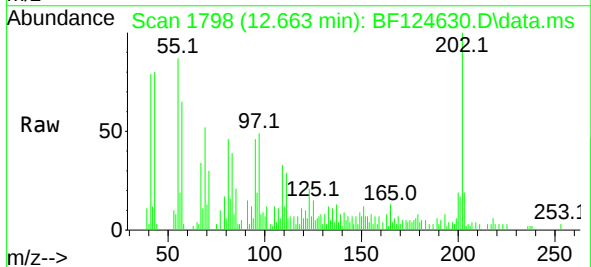
Instrument :
BNA_F
ClientSampleId :
TR-04-071521

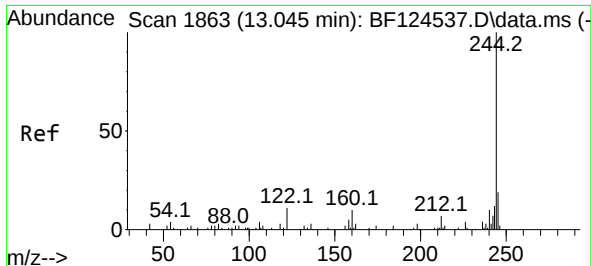
Tgt Ion:240 Resp: 12114
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 25.4 21.6 32.4



#78
Pyrene
Concen: 11.769 ng
RT: 12.663 min Scan# 1798
Delta R.T. -0.218 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:202 Resp: 11845
Ion Ratio Lower Upper
202 100
200 19.2 15.3 22.9
203 18.6 13.4 20.0

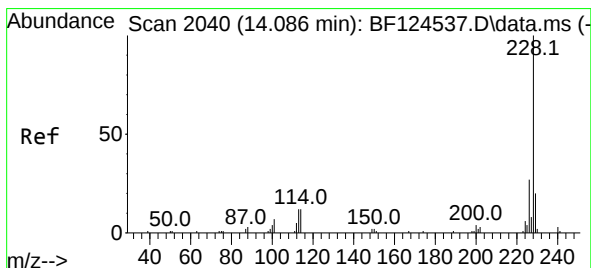
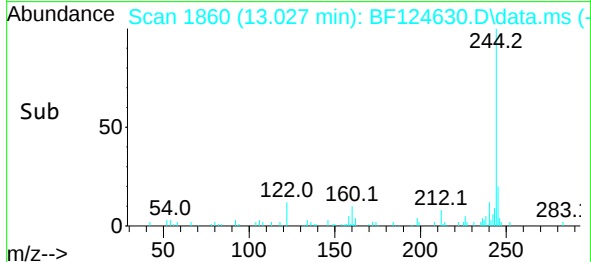
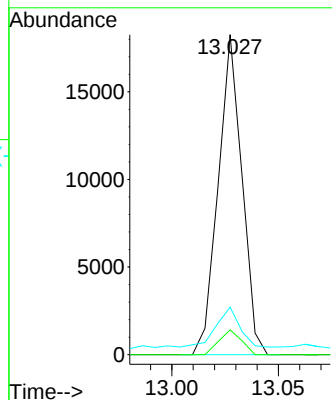
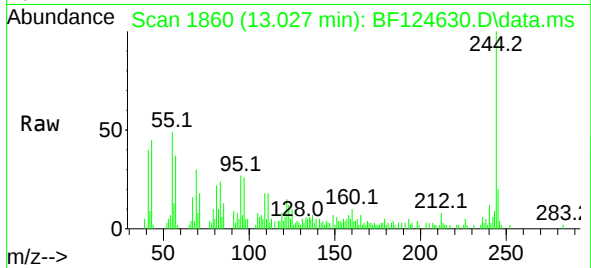




#79
 Terphenyl-d14
 Concen: 19.617 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. 0.006 min
 Lab File: BF124630.D
 Acq: 20 Jul 2021 14:49

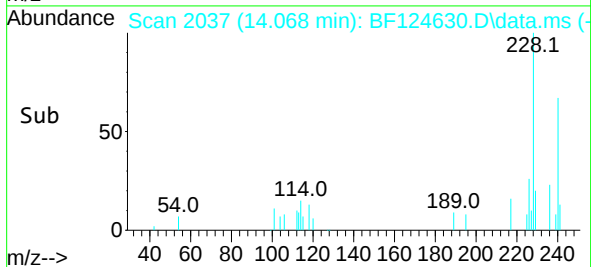
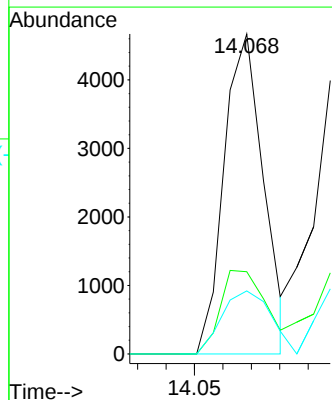
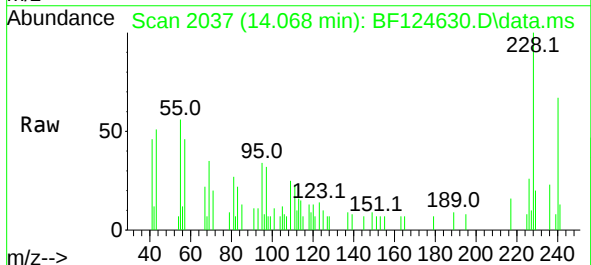
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-071521

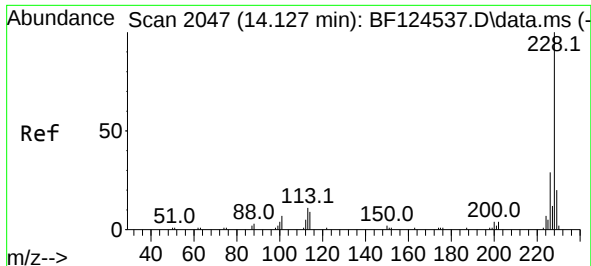
Tgt Ion:244 Resp: 14152
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 14.9 9.0 13.4#



#81
 Benzo(a)anthracene
 Concen: 5.615 ng
 RT: 14.068 min Scan# 2037
 Delta R.T. 0.006 min
 Lab File: BF124630.D
 Acq: 20 Jul 2021 14:49

Tgt Ion:228 Resp: 4511
 Ion Ratio Lower Upper
 228 100
 226 25.7 21.6 32.4
 229 19.7 15.6 23.4

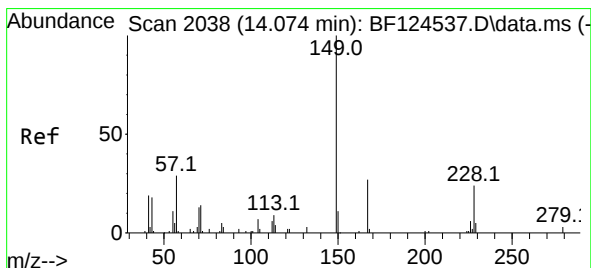
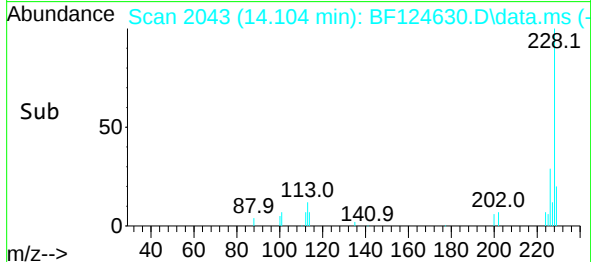
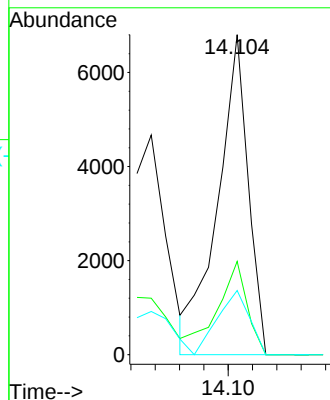
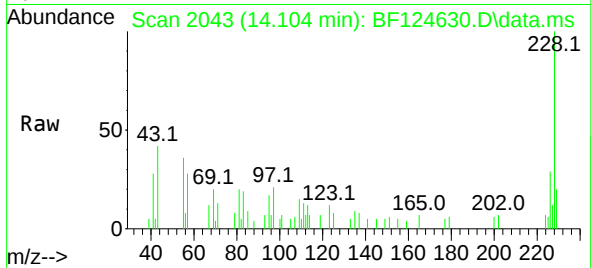




#83
Chrysene
Concen: 7.657 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

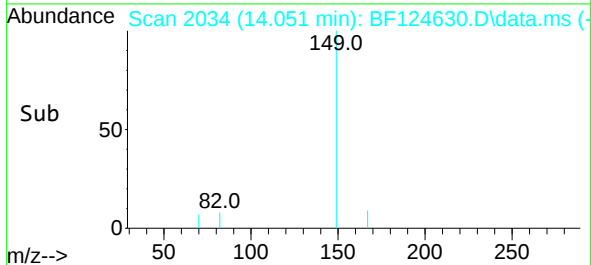
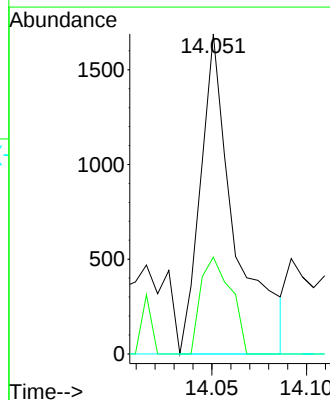
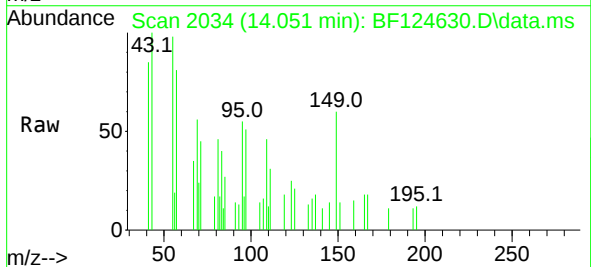
Instrument :
BNA_F
ClientSampleId :
TR-04-071521

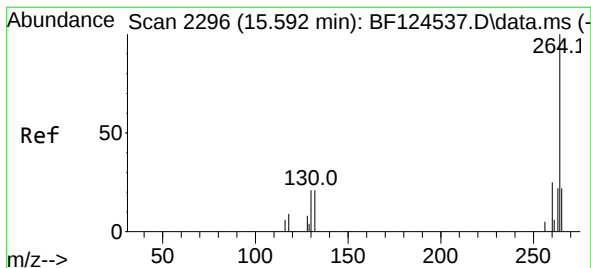
Tgt Ion:228	Resp: 5893
Ion Ratio	Lower Upper
228 100	
226 29.1	22.6 34.0
229 20.0	15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.266 ng
RT: 14.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

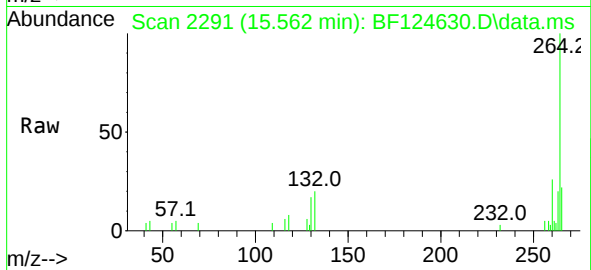
Tgt Ion:149	Resp: 2134
Ion Ratio	Lower Upper
149 100	
167 30.3	21.4 32.0
279 0.0	2.6 4.0#



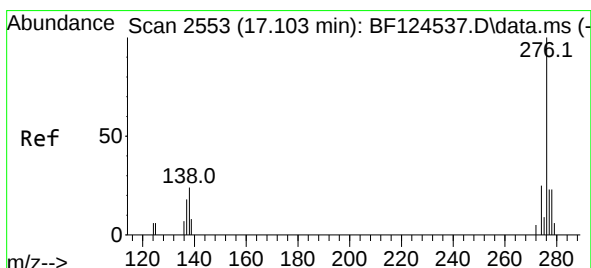
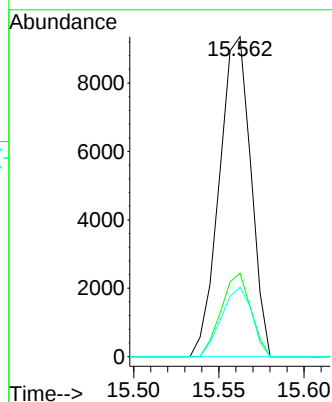
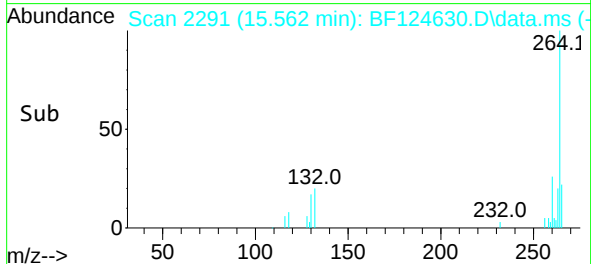


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. 0.006 min
 Lab File: BF124630.D
 Acq: 20 Jul 2021 14:49

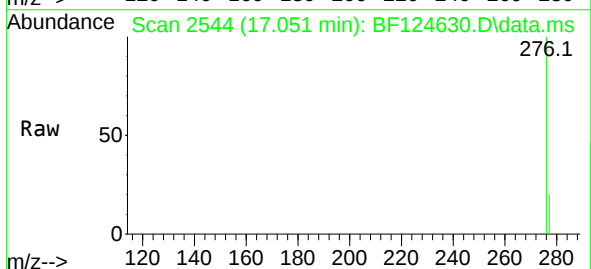
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-071521



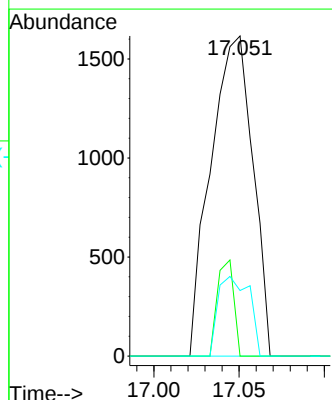
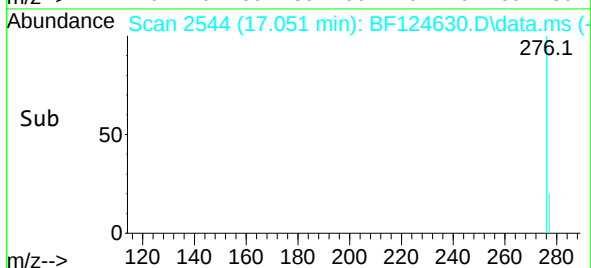
Tgt Ion:	264	Resp:	12031
Ion Ratio	Lower	Upper	
264	100		
260	26.1	19.6	29.4
265	21.7	17.2	25.8

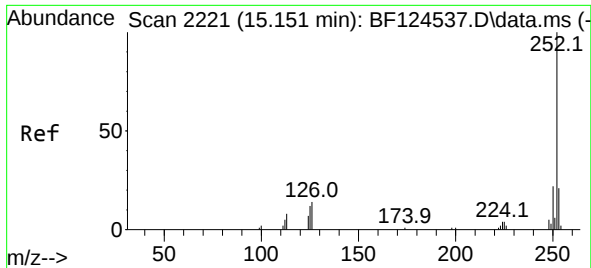


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.971 ng
 RT: 17.051 min Scan# 2544
 Delta R.T. -0.006 min
 Lab File: BF124630.D
 Acq: 20 Jul 2021 14:49



Tgt Ion:	276	Resp:	2771
Ion Ratio	Lower	Upper	
276	100		
138	11.7	24.1	36.1#
277	18.4	18.8	28.2#

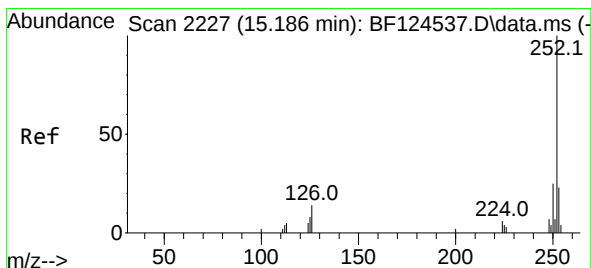
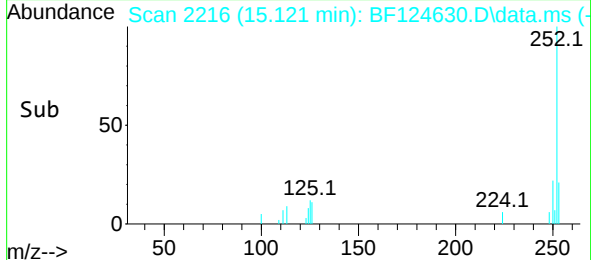
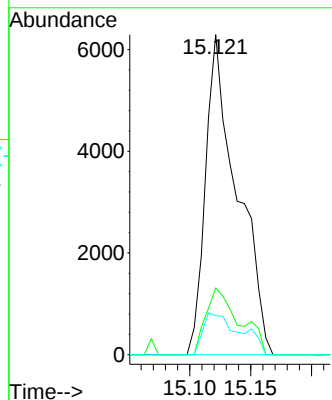
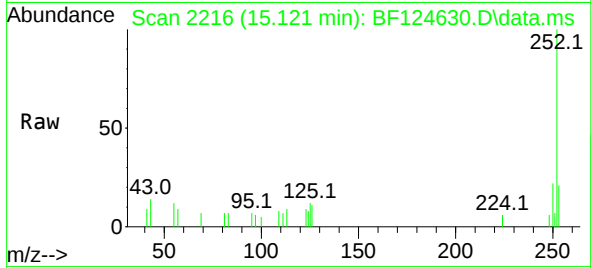




#88
Benzo(b)fluoranthene
Concen: 13.110 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

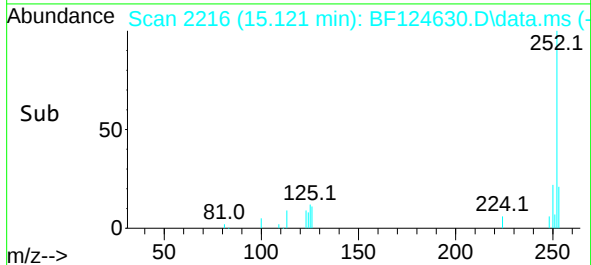
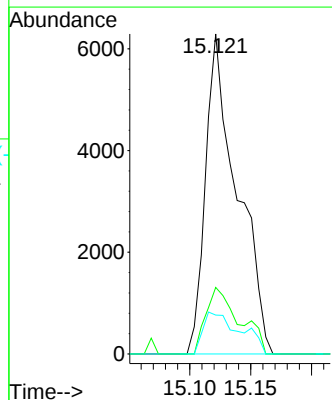
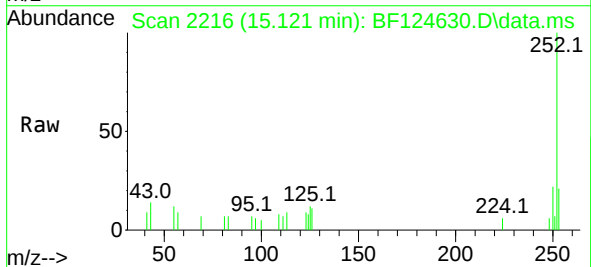
Instrument :
BNA_F
ClientSampleId :
TR-04-071521

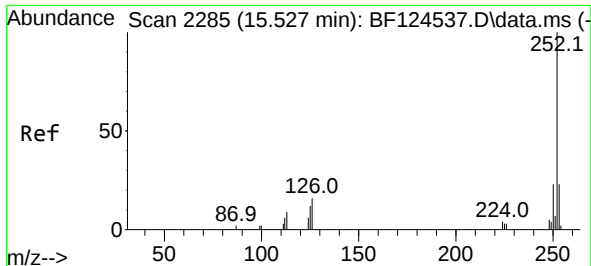
Tgt Ion:252 Resp: 11321
Ion Ratio Lower Upper
252 100
253 20.8 16.8 25.2
125 12.1 9.8 14.8



#89
Benzo(k)fluoranthene
Concen: 14.288 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.035 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

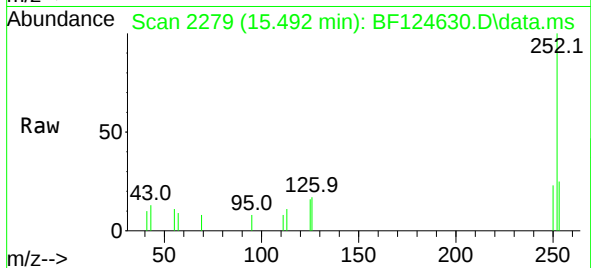
Tgt Ion:252 Resp: 11321
Ion Ratio Lower Upper
252 100
253 20.8 17.8 26.8
125 12.1 7.2 10.8#



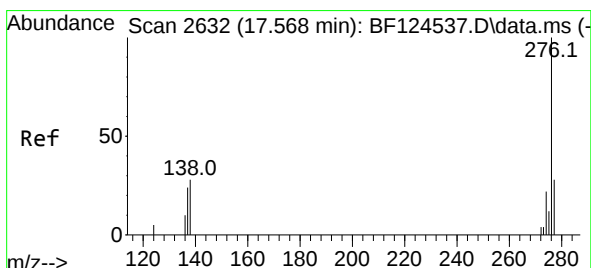
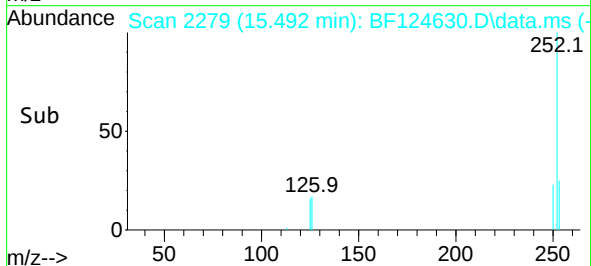
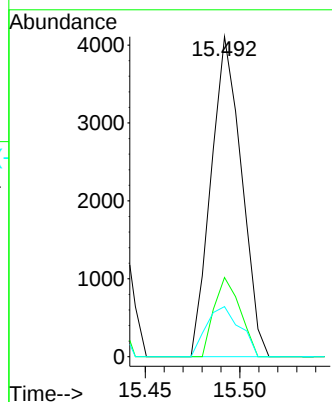


#90
Benzo(a)pyrene
Concen: 6.452 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.006 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Instrument :
BNA_F
ClientSampleId :
TR-04-071521



Tgt Ion:252 Resp: 4599
Ion Ratio Lower Upper
252 100
253 24.7 18.4 27.6
125 15.7 9.9 14.9#



#92
Benzo(g,h,i)perylene
Concen: 4.622 ng
RT: 17.503 min Scan# 2621
Delta R.T. -0.012 min
Lab File: BF124630.D
Acq: 20 Jul 2021 14:49

Tgt Ion:276 Resp: 2680
Ion Ratio Lower Upper
276 100
277 22.7 22.0 33.0
138 0.0 22.2 33.4#

