

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124649.D
 Acq On : 21 Jul 2021 3:07
 Operator : JU/CG
 Sample : M3051-08 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 41213

Quant Time: Jul 21 04:22:24 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)

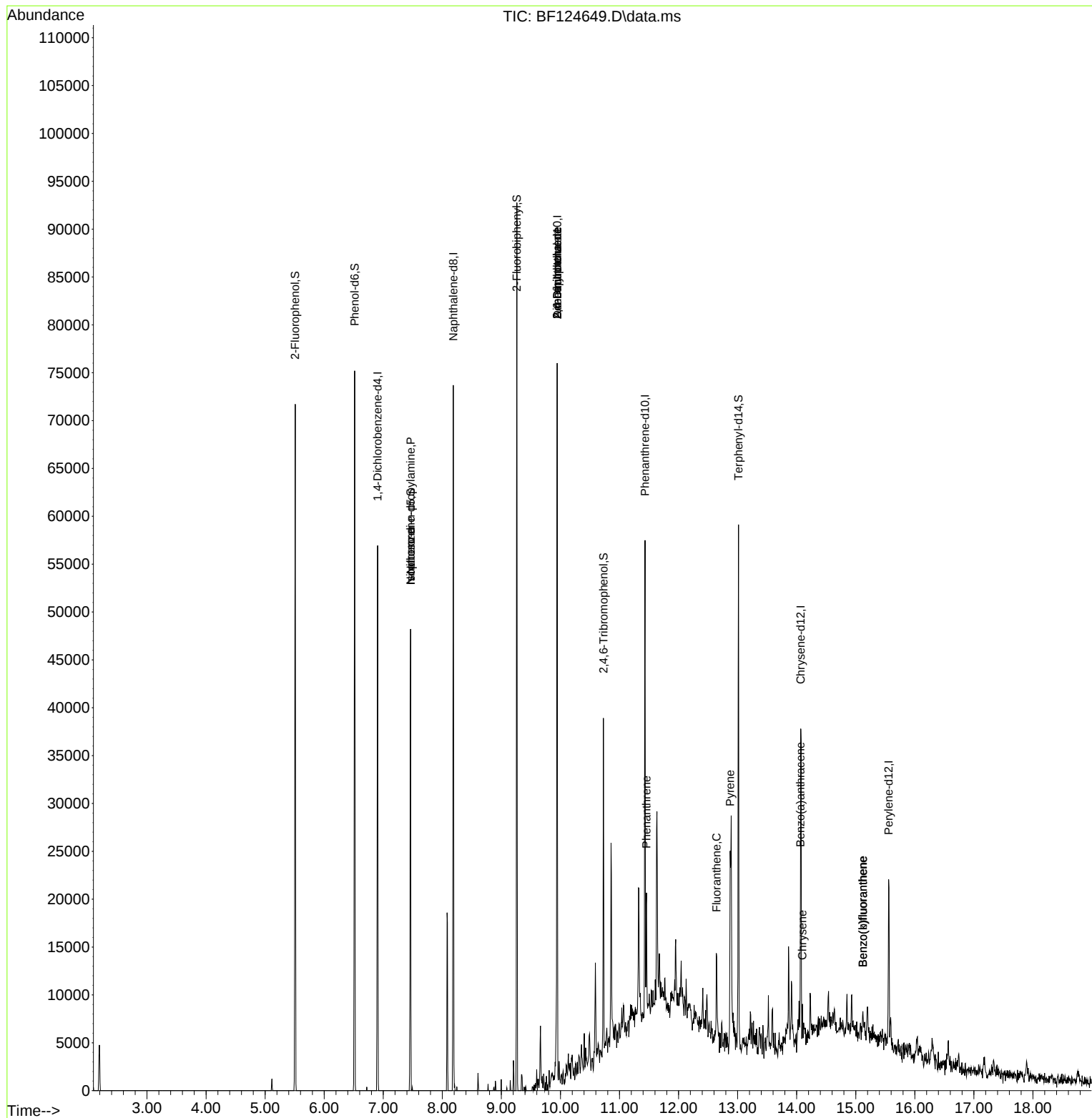
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	8219	20.00	ng	-0.01
21) Naphthalene-d8	8.186	136	29873	20.00	ng	-0.02
39) Acenaphthene-d10	9.945	164	13055	20.00	ng	-0.01
64) Phenanthrene-d10	11.433	188	17572	20.00	ng	-0.01
76) Chrysene-d12	14.068	240	11507	20.00	ng	-0.02
86) Perylene-d12	15.556	264	8719	20.00	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	17675	37.26	ng	-0.02
7) Phenol-d6	6.516	99	21210	36.75	ng	-0.03
23) Nitrobenzene-d5	7.463	82	12936	27.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	3344	32.92	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	25549	28.54	ng	-0.02
79) Terphenyl-d14	13.015	244	16257	23.72	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	1737	5.35	ng	# 73
25) Isophorone	7.463	82	12935	14.89	ng	# 59
50) Dimethylphthalate	9.945	163	2661	2.93	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	1688	9.43	ng	# 26
57) 2,4-Dinitrotoluene	9.945	165	1688	6.89	ng	# 18
71) Phenanthrene	11.457	178	5197	5.42	ng	93
75) Fluoranthene	12.645	202	4478	4.63	ng	95
78) Pyrene	12.874	202	5055	5.29	ng	99
81) Benzo(a)anthracene	14.062	228	1954	2.56	ng	# 84
83) Chrysene	14.098	228	1767	2.42	ng	# 82
88) Benzo(b)fluoranthene	15.121	252	1619	2.59	ng	# 50
89) Benzo(k)fluoranthene	15.121	252	1619	2.82	ng	# 46

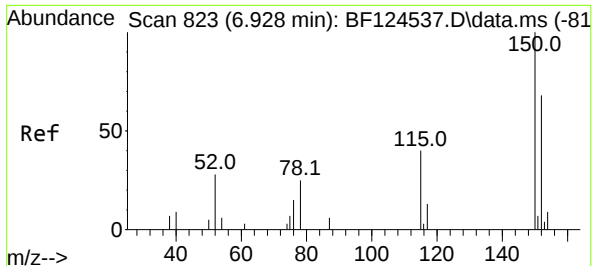
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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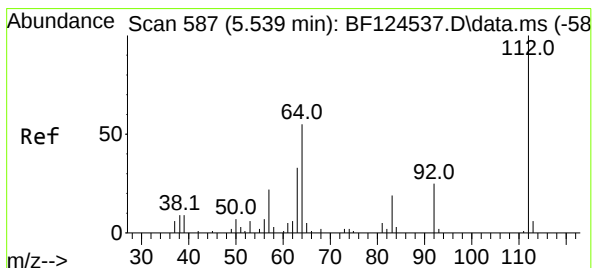
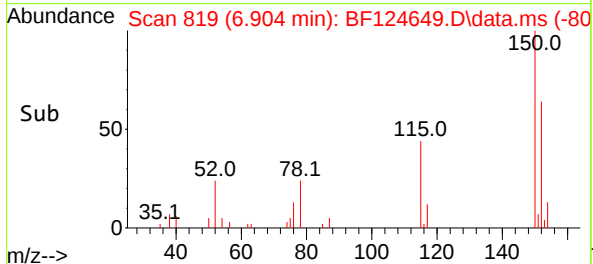
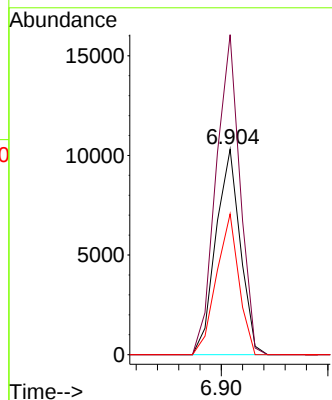
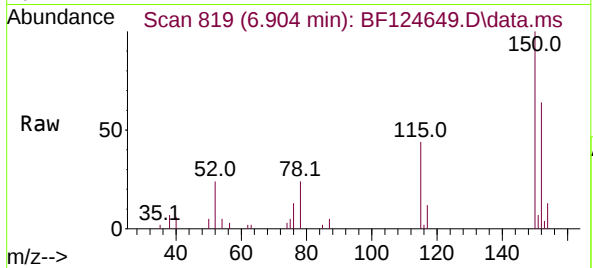




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

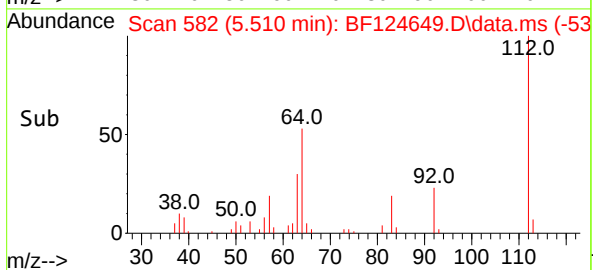
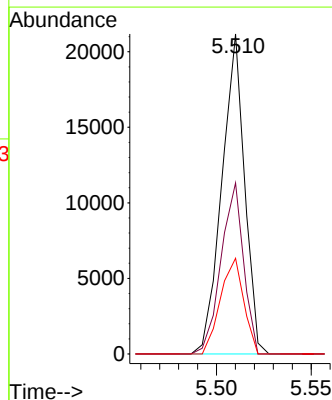
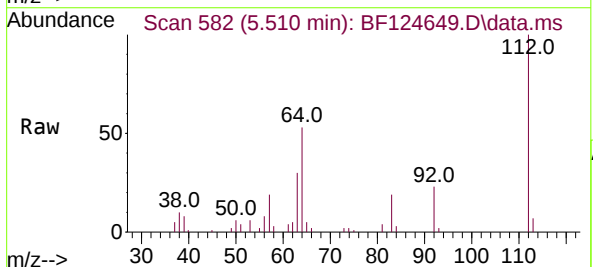
Instrument :
BNA_F
ClientSampleId :
41213

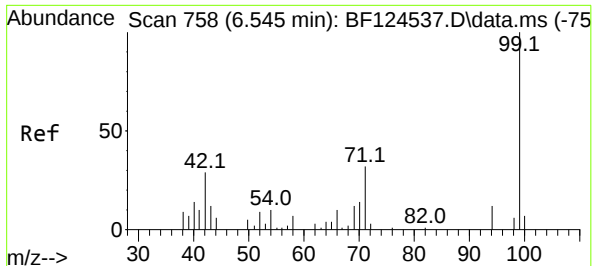
Tgt Ion:152 Resp: 8219
Ion Ratio Lower Upper
152 100
150 155.8 117.6 176.4
115 68.5 47.1 70.7



#5
2-Fluorophenol
Concen: 37.26 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.023 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion:112 Resp: 17675
Ion Ratio Lower Upper
112 100
64 53.5 44.2 66.2
63 29.9 26.2 39.2

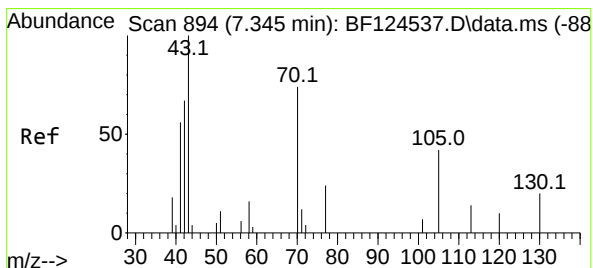
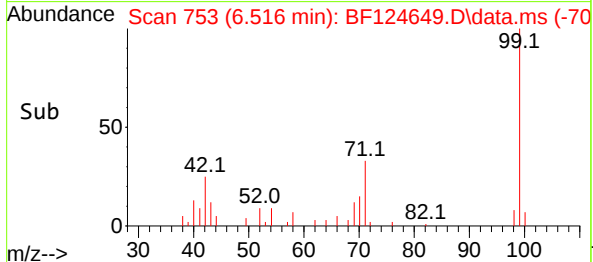
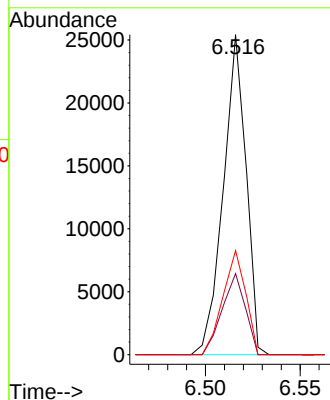
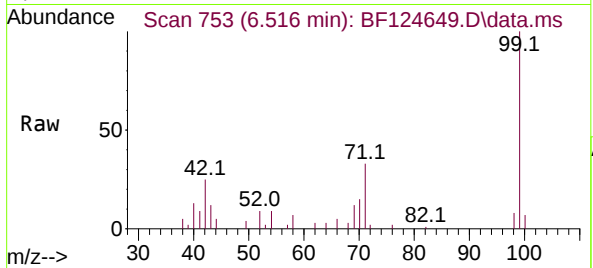




#7
Phenol-d6
Concen: 36.75 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.029 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

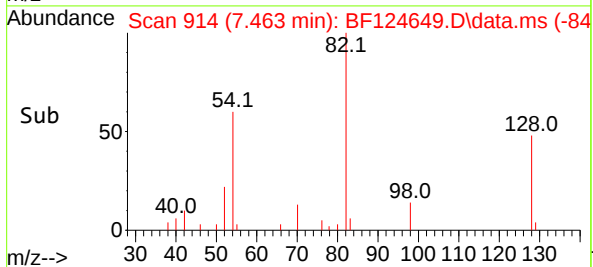
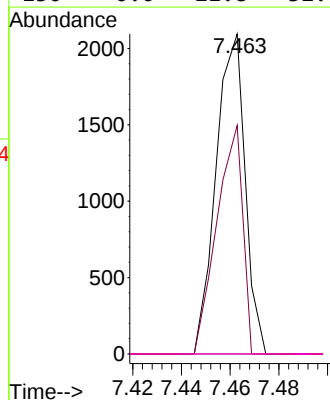
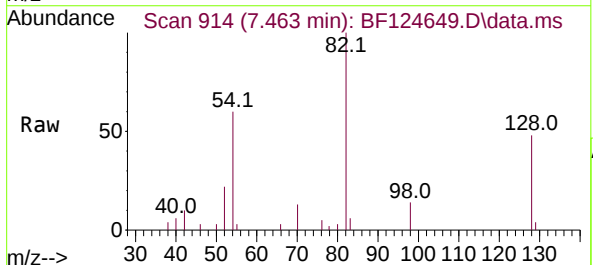
Instrument :
BNA_F
ClientSampleId :
41213

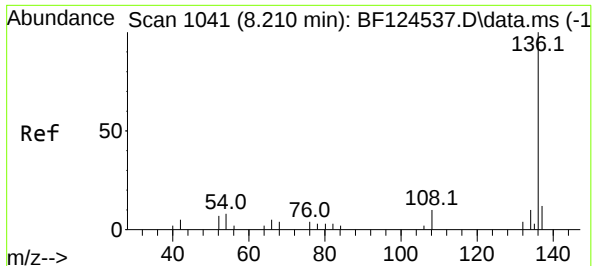
Tgt Ion: 99 Resp: 21210
Ion Ratio Lower Upper
99 100
42 25.4 23.5 35.3
71 32.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 5.35 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.129 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion: 70 Resp: 1737
Ion Ratio Lower Upper
70 100
42 71.4 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

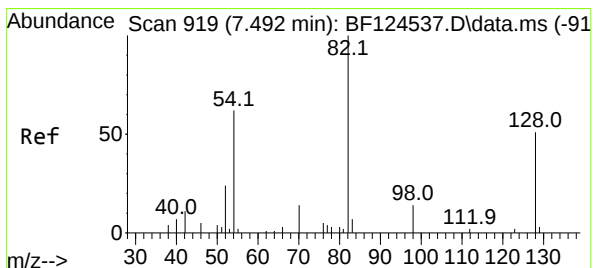
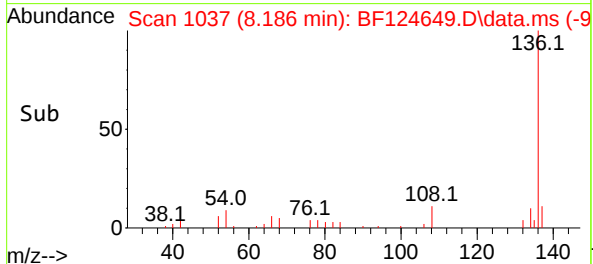
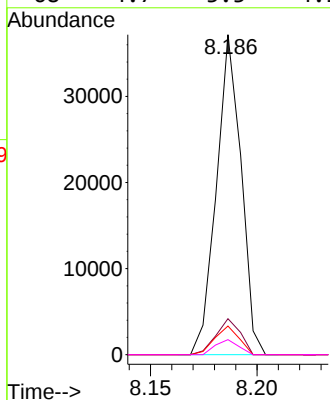
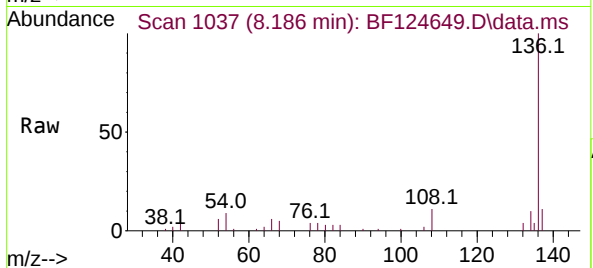




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

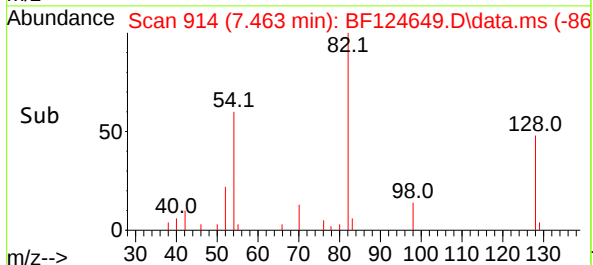
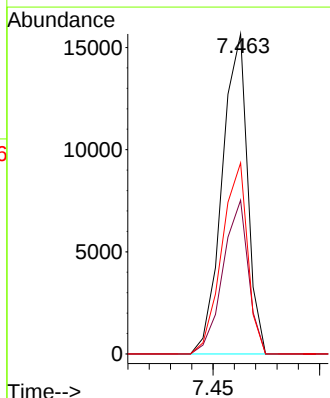
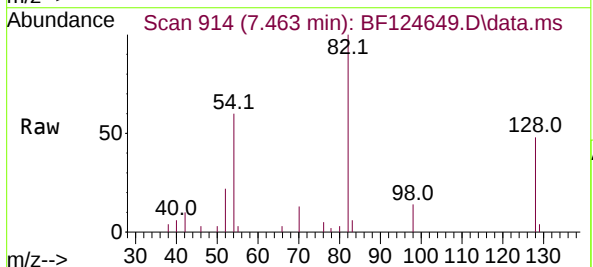
Instrument :
BNA_F
ClientSampleId :
41213

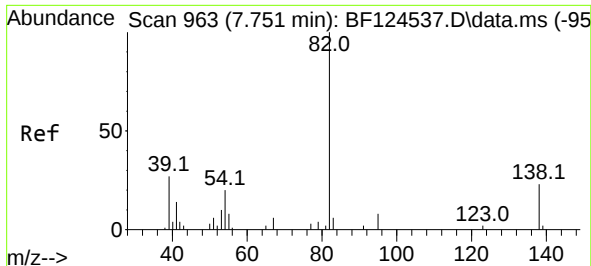
Tgt Ion:136	Resp:	29873
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.8 14.6
54	9.0	6.4 9.6
68	4.7	3.3 4.9



#23
Nitrobenzene-d5
Concen: 27.34 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion: 82	Resp:	12936
Ion Ratio	Lower	Upper
82	100	
128	48.1	40.6 60.8
54	59.7	49.6 74.4

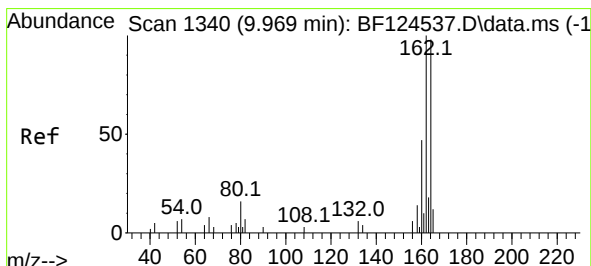
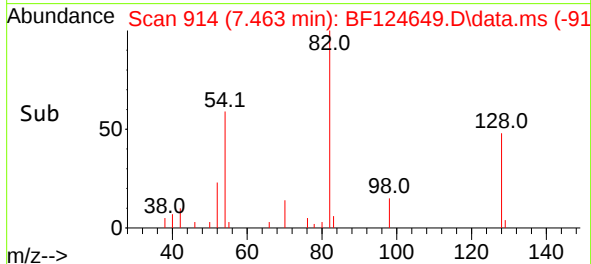
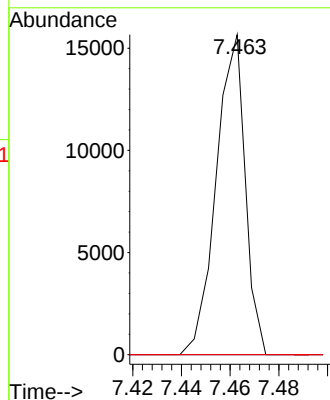
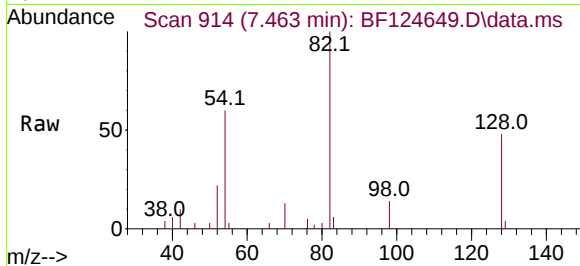




#25
Isophorone
Concen: 14.89 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.282 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

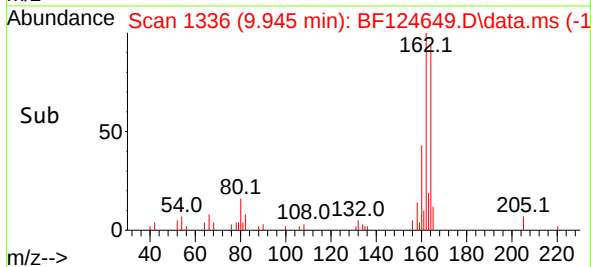
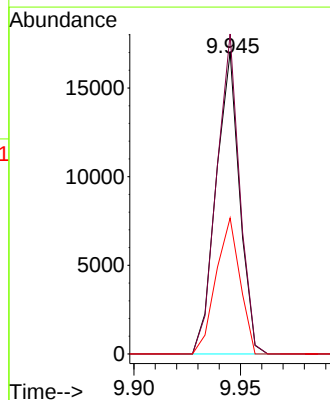
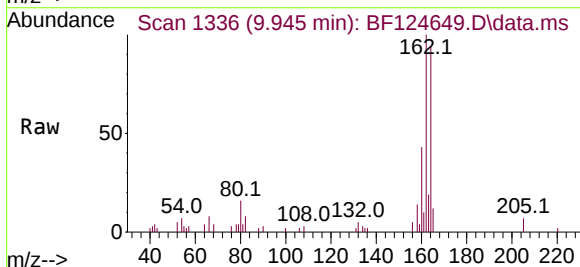
Instrument :
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ClientSampleId :
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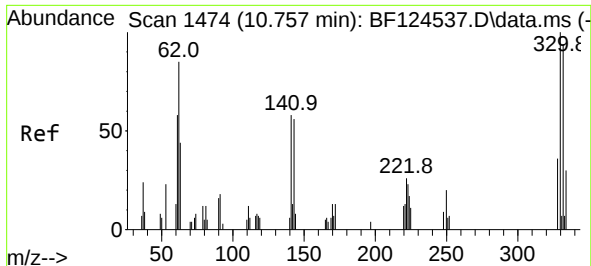
Tgt Ion: 82 Resp: 12935
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion: 164 Resp: 13055
Ion Ratio Lower Upper
164 100
162 106.0 81.3 121.9
160 45.1 38.0 57.0

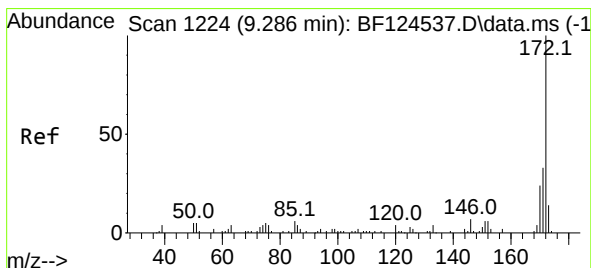
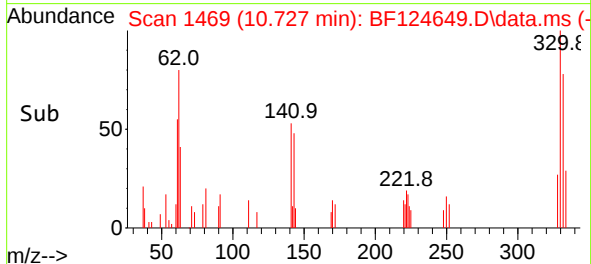
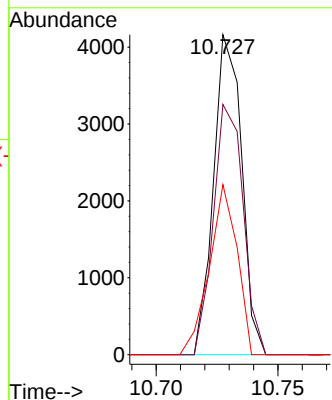
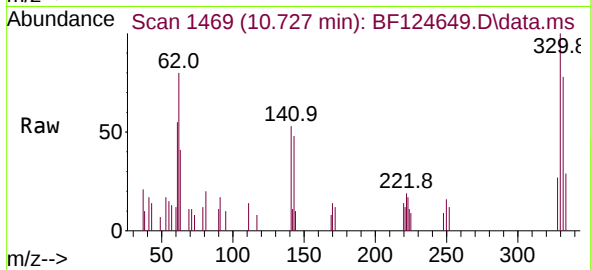




#42
2,4,6-Tribromophenol
Concen: 32.92 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.023 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

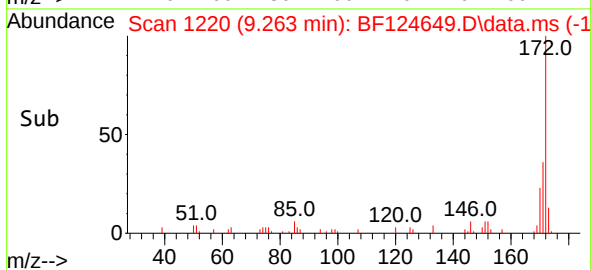
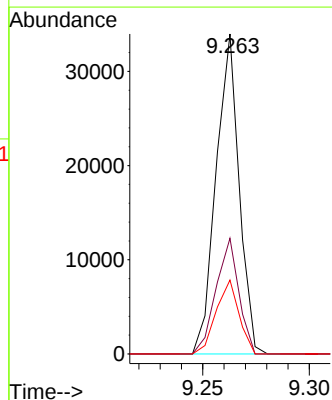
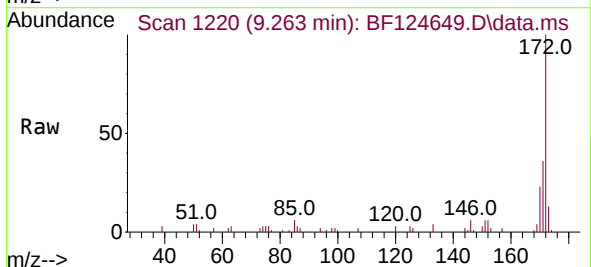
Instrument :
BNA_F
ClientSampleId :
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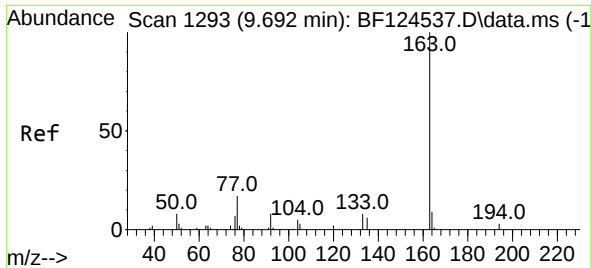
Tgt Ion: 330 Resp: 3344
Ion Ratio Lower Upper
330 100
332 82.7 76.2 114.4
141 52.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 28.54 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion: 172 Resp: 25549
Ion Ratio Lower Upper
172 100
171 36.2 26.5 39.7
170 23.1 18.8 28.2

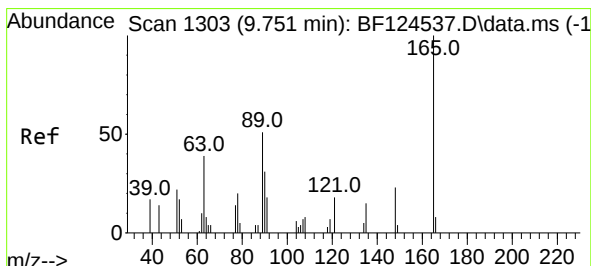
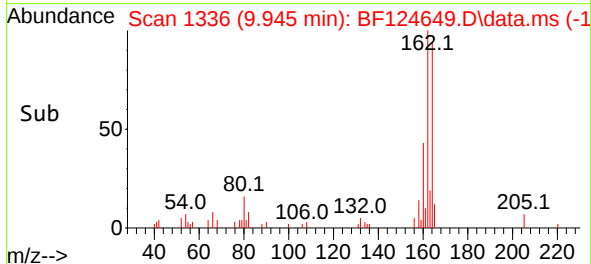
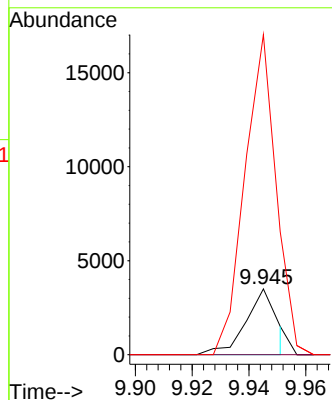
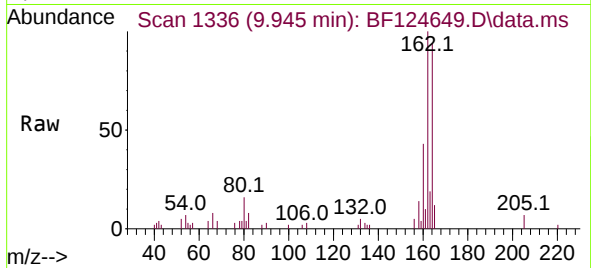




#50
Dimethylphthalate
Concen: 2.93 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.259 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

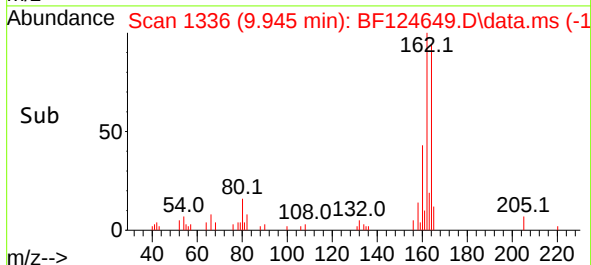
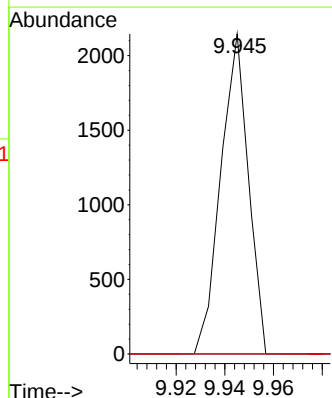
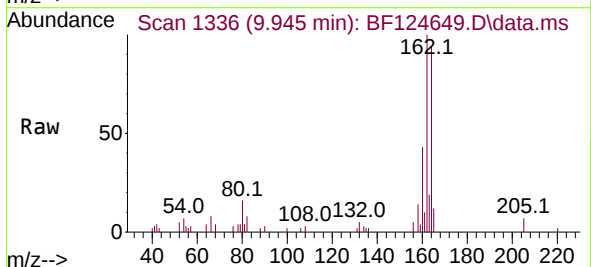
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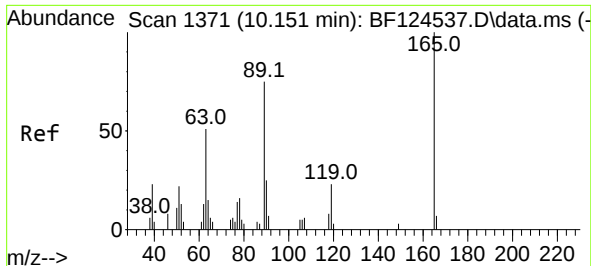
Tgt Ion:163 Resp: 2661
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 487.0 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 9.43 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.200 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion:165 Resp: 1688
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#

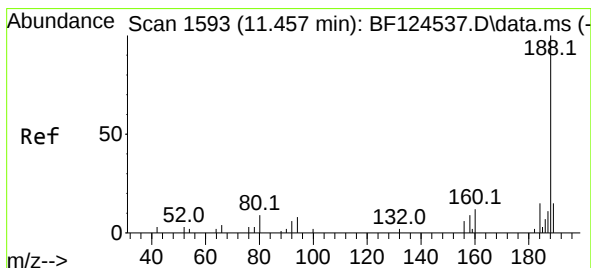
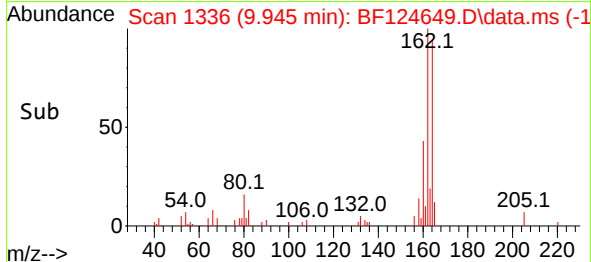
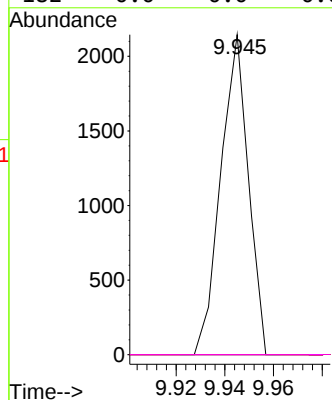
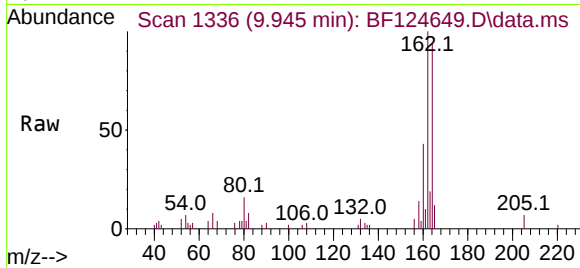




#57
2,4-Dinitrotoluene
Concen: 6.89 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

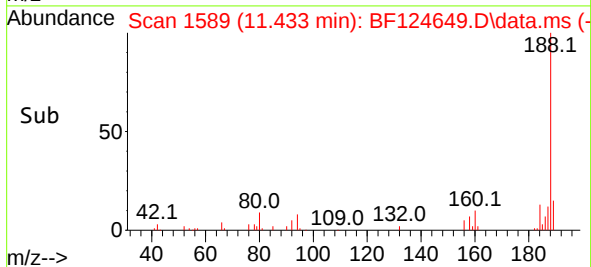
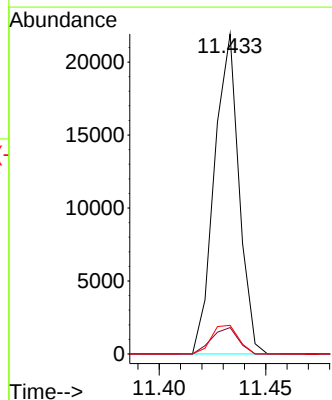
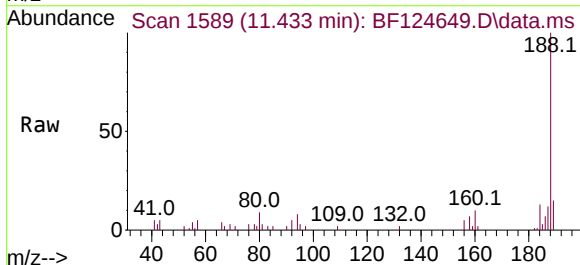
Instrument :
BNA_F
ClientSampled :
41213

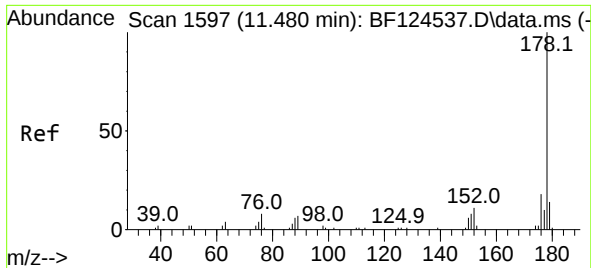
Tgt Ion:165 Resp: 1688
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.012 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion:188 Resp: 17572
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 8.9 7.5 11.3

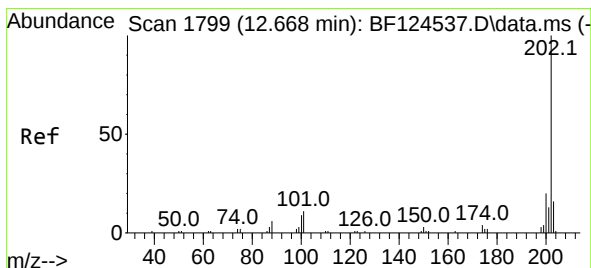
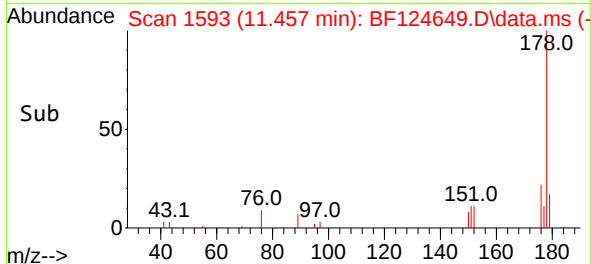
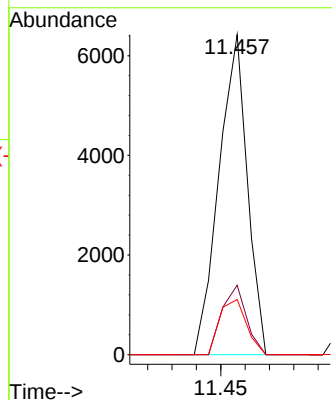
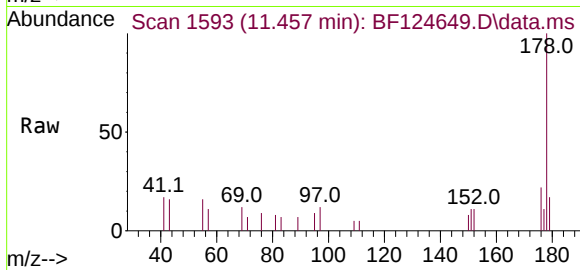




#71
Phenanthrene
Concen: 5.42 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

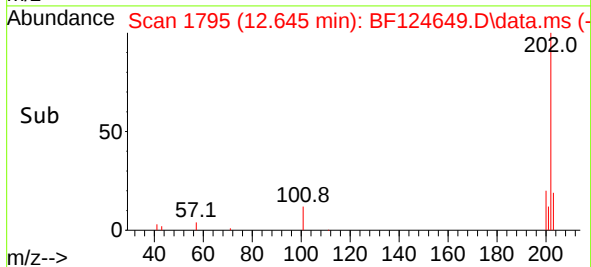
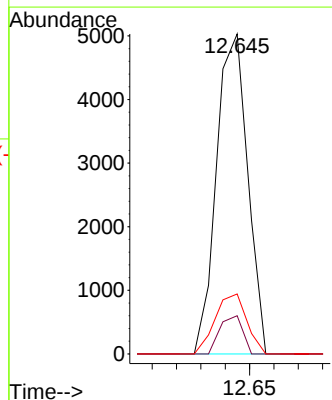
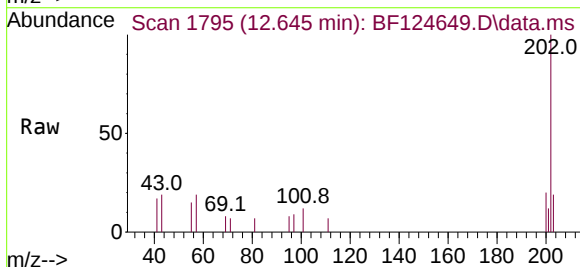
Instrument :
BNA_F
ClientSampled :
41213

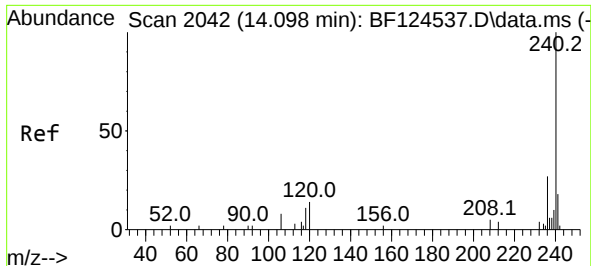
Tgt Ion:178 Resp: 5197
Ion Ratio Lower Upper
178 100
176 21.7 14.7 22.1
179 17.3 11.5 17.3



#75
Fluoranthene
Concen: 4.63 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion:202 Resp: 4478
Ion Ratio Lower Upper
202 100
101 11.9 0.0 30.7
203 18.8 0.0 36.3

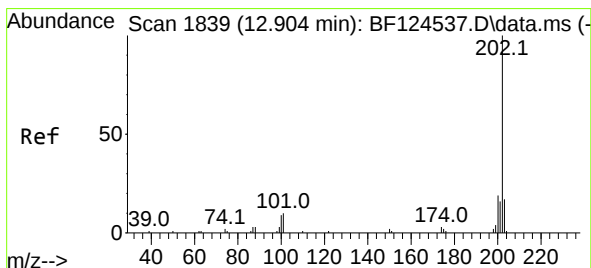
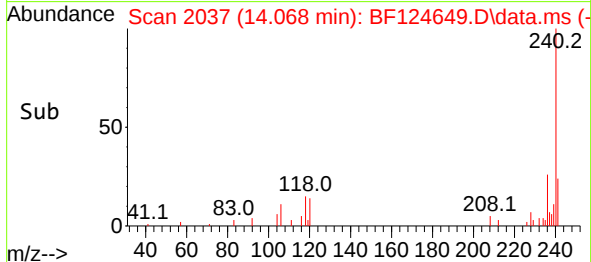
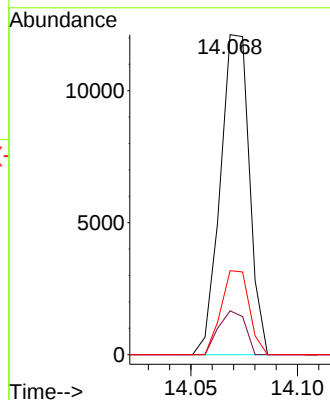
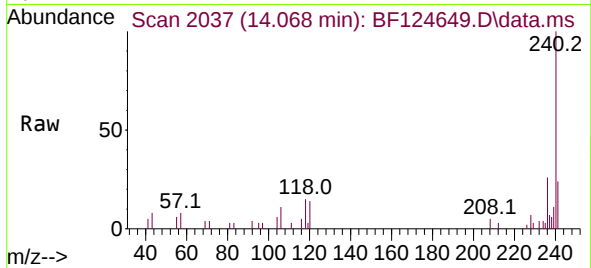




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

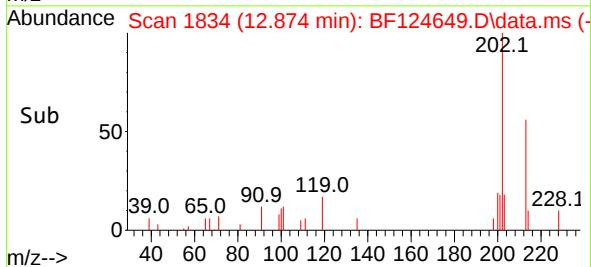
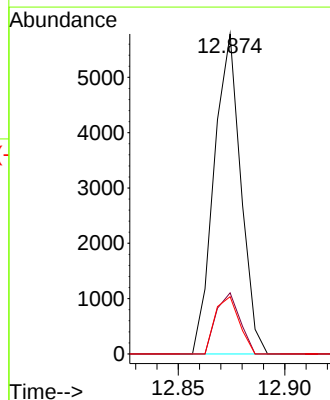
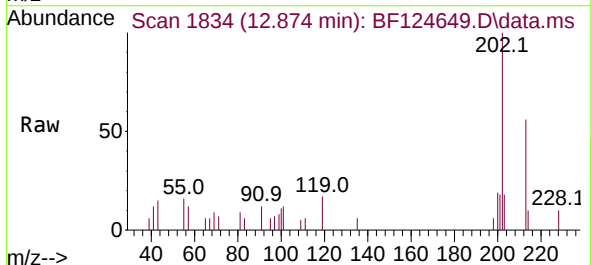
Instrument :
BNA_F
ClientSampled :
41213

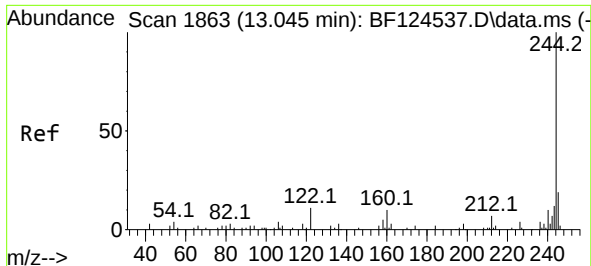
Tgt Ion:240	Resp:	11507
Ion Ratio	Lower	Upper
240	100	
120	13.7	10.8 16.2
236	26.2	21.6 32.4



#78
Pyrene
Concen: 5.29 ng
RT: 12.874 min Scan# 1834
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion:202	Resp:	5055
Ion Ratio	Lower	Upper
202	100	
200	19.1	15.3 22.9
203	17.9	13.4 20.0

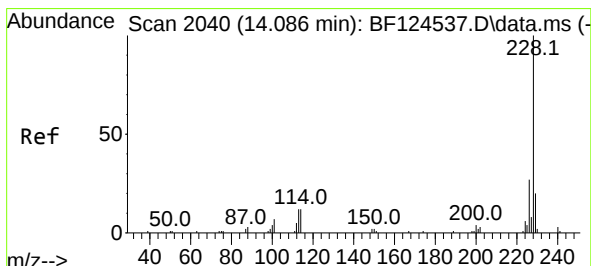
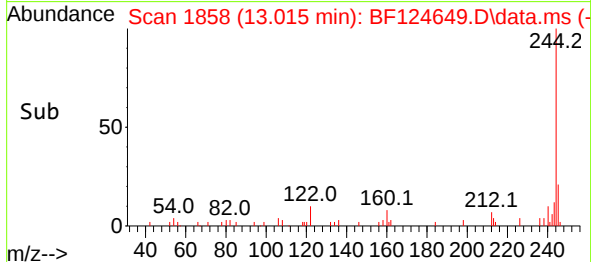
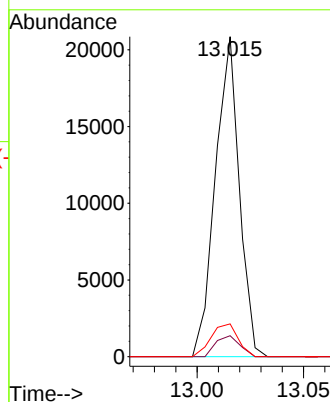
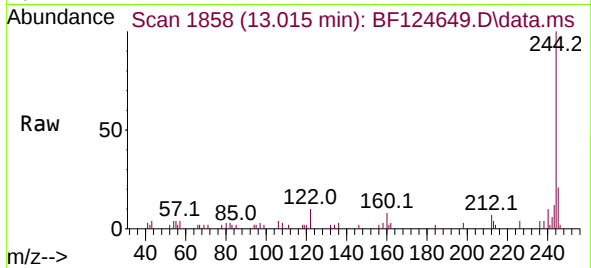




#79
 Terphenyl-d14
 Concen: 23.72 ng
 RT: 13.015 min Scan# 1858
 Delta R.T. -0.018 min
 Lab File: BF124649.D
 Acq: 21 Jul 2021 3:07

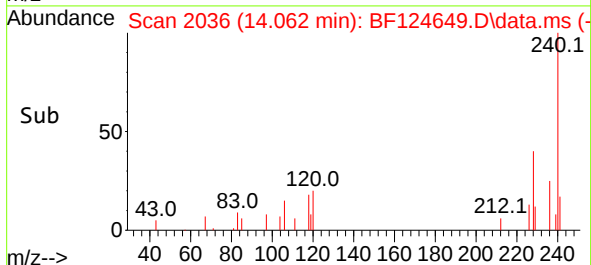
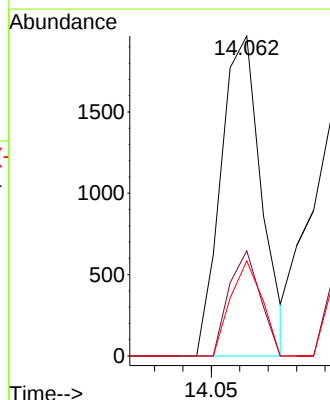
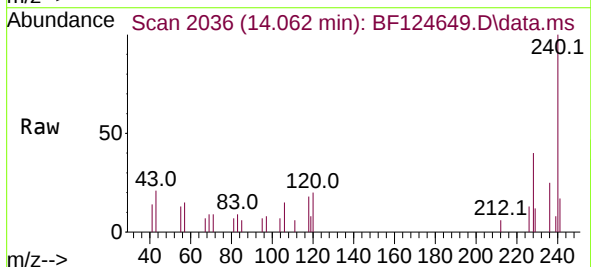
Instrument :
 BNA_F
 ClientSampleId :
 41213

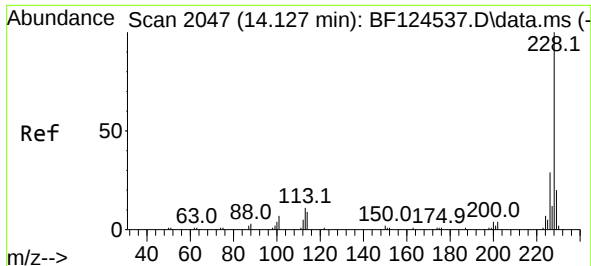
Tgt Ion:244 Resp: 16257
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 10.3 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 2.56 ng
 RT: 14.062 min Scan# 2036
 Delta R.T. -0.012 min
 Lab File: BF124649.D
 Acq: 21 Jul 2021 3:07

Tgt Ion:228 Resp: 1954
 Ion Ratio Lower Upper
 228 100
 226 32.8 21.6 32.4#
 229 29.7 15.6 23.4#

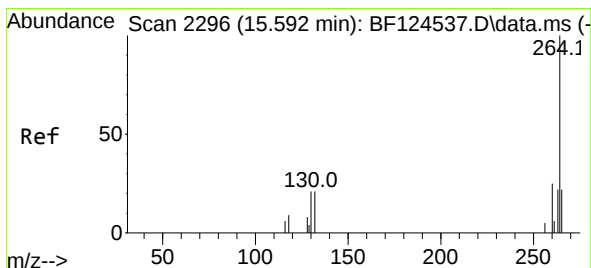
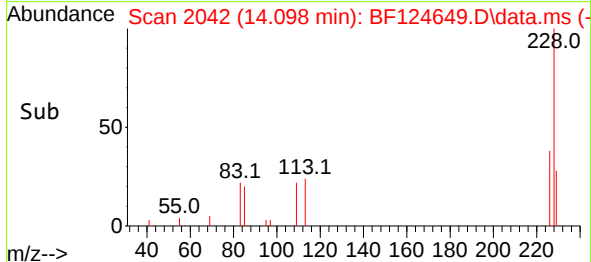
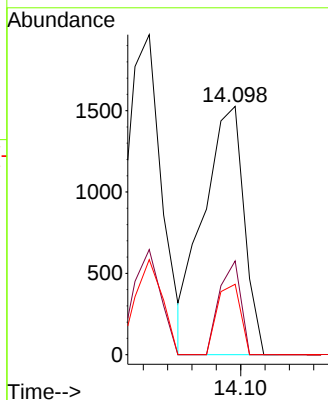
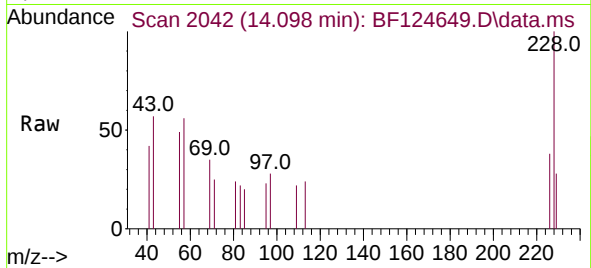




#83
Chrysene
Concen: 2.42 ng
RT: 14.098 min Scan# 2042
Delta R.T. -0.018 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

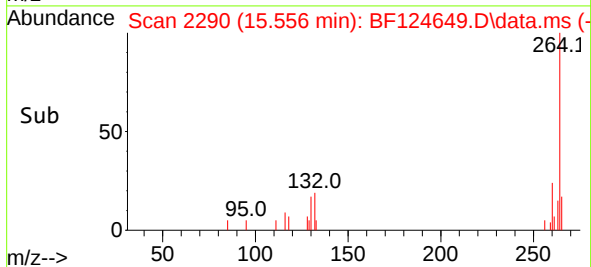
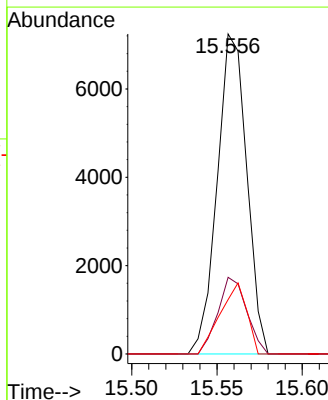
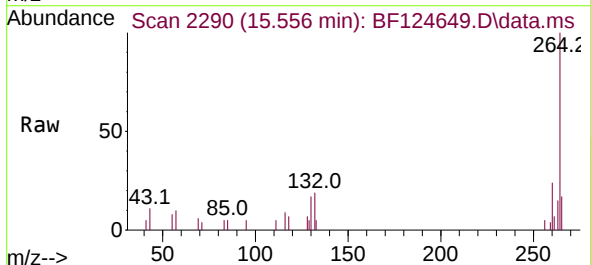
Instrument :
BNA_F
ClientSampleId :
41213

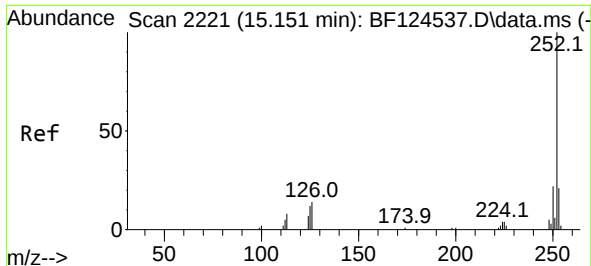
Tgt Ion:228 Resp: 1767
Ion Ratio Lower Upper
228 100
226 37.7 22.6 34.0#
229 28.4 15.9 23.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.556 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion:264 Resp: 8719
Ion Ratio Lower Upper
264 100
260 24.0 19.6 29.4
265 17.0 17.2 25.8#

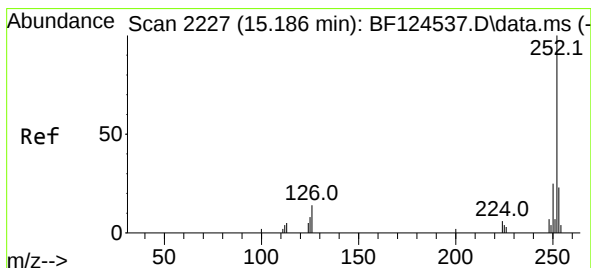
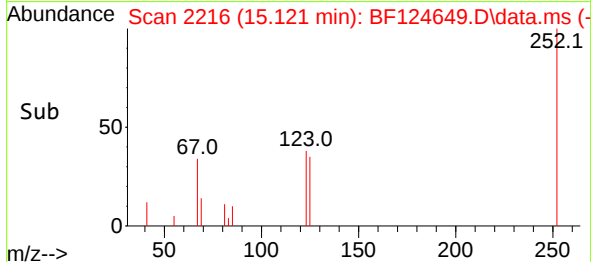
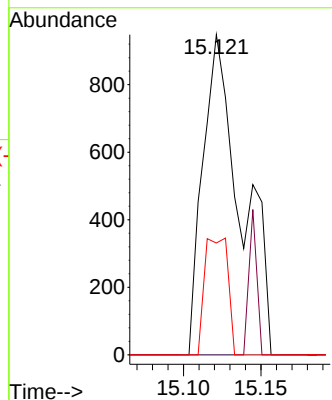
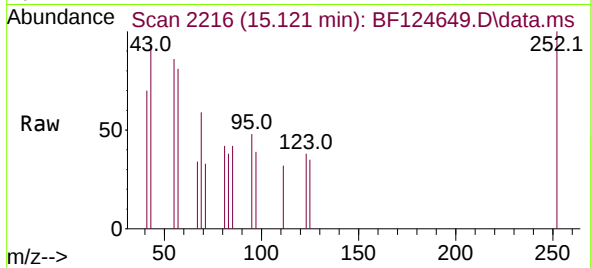




#88
Benzo(b)fluoranthene
Concen: 2.59 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.012 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Instrument :
BNA_F
ClientSampleId :
41213

Tgt Ion:252 Resp: 1619
Ion Ratio Lower Upper
252 100
253 0.0 16.8 25.2#
125 34.9 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.82 ng
RT: 15.121 min Scan# 2216
Delta R.T. -0.047 min
Lab File: BF124649.D
Acq: 21 Jul 2021 3:07

Tgt Ion:252 Resp: 1619
Ion Ratio Lower Upper
252 100
253 0.0 17.8 26.8#
125 34.9 7.2 10.8#

