

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
 Data File : BF124647.D
 Acq On : 21 Jul 2021 2:00
 Operator : JU/CG
 Sample : M3046-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-019-ABCD

Quant Time: Jul 21 03:14:38 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)

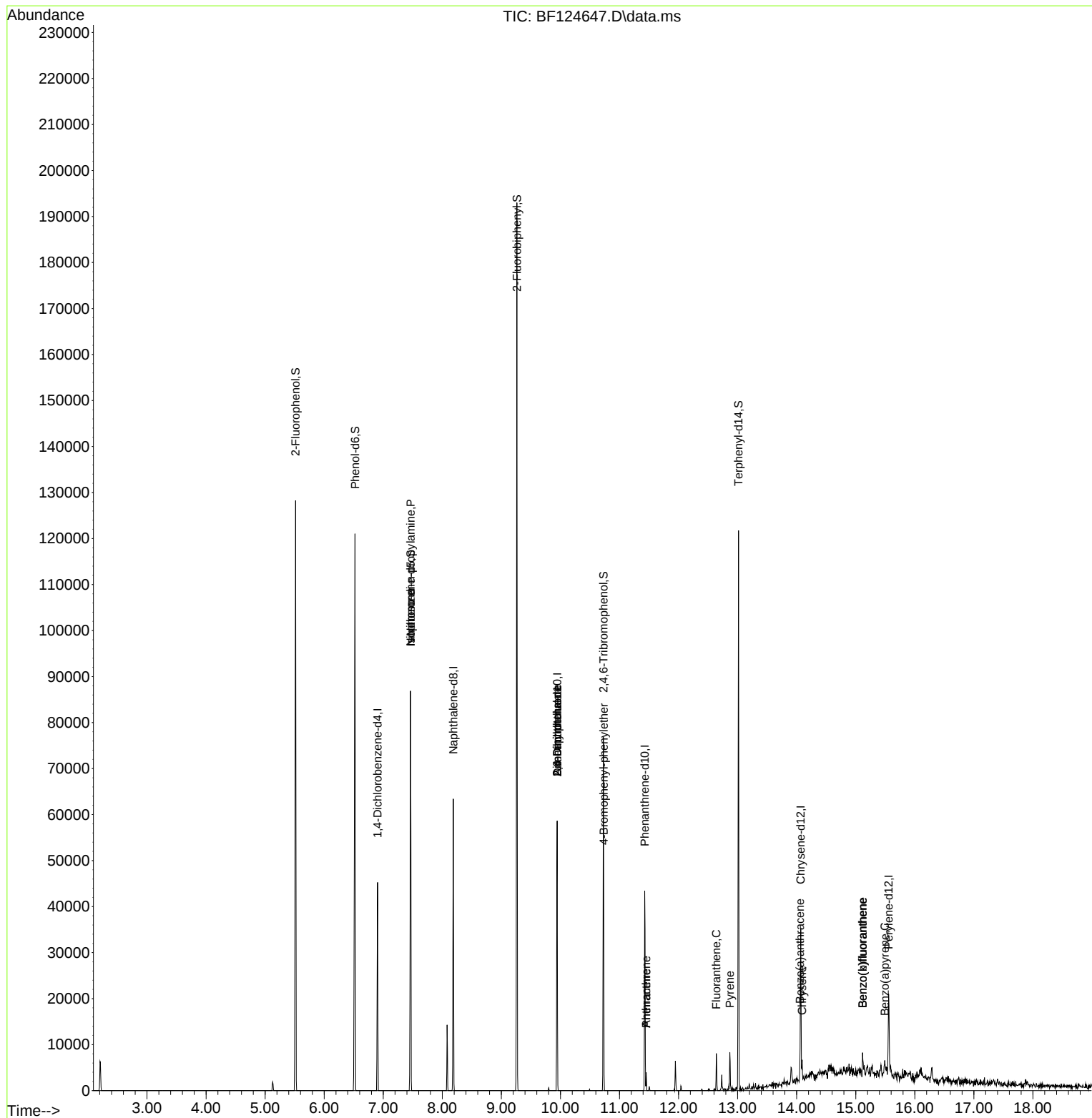
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	6757	20.00	ng	-0.01
21) Naphthalene-d8	8.186	136	25176	20.00	ng	-0.02
39) Acenaphthene-d10	9.945	164	11631	20.00	ng	-0.01
64) Phenanthrene-d10	11.427	188	16615	20.00	ng	-0.02
76) Chrysene-d12	14.068	240	11591	20.00	ng	-0.02
86) Perylene-d12	15.557	264	8682	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	33722	86.47	ng	-0.02
7) Phenol-d6	6.522	99	39350	82.94	ng	-0.02
23) Nitrobenzene-d5	7.463	82	24844	62.29	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	6850	75.68	ng	-0.02
45) 2-Fluorobiphenyl	9.263	172	50858	63.76	ng	-0.02
79) Terphenyl-d14	13.016	244	35752	51.79	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	2985	11.19	ng	# 84
25) Isophorone	7.463	82	24843	33.93	ng	# 59
50) Dimethylphthalate	9.945	163	2068	2.56	ng	# 1
51) 2,6-Dinitrotoluene	9.945	165	1571	9.85	ng	# 26
57) 2,4-Dinitrotoluene	9.945	165	1571	7.19	ng	# 18
67) 4-Bromophenyl-phenylether	10.733	248	518	3.02	ng	# 1
71) Phenanthrene	11.451	178	1837	2.03	ng	96
72) Anthracene	11.451	178	1837	2.02	ng	96
75) Fluoranthene	12.639	202	3849	4.21	ng	99
78) Pyrene	12.869	202	3863	4.01	ng	96
81) Benzo(a)anthracene	14.057	228	2254	2.93	ng	# 93
83) Chrysene	14.092	228	1837	2.49	ng	94
88) Benzo(b)fluoranthene	15.115	252	3124	5.01	ng	# 85
89) Benzo(k)fluoranthene	15.115	252	3124	5.46	ng	# 86
90) Benzo(a)pyrene	15.492	252	1836	3.57	ng	# 86

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

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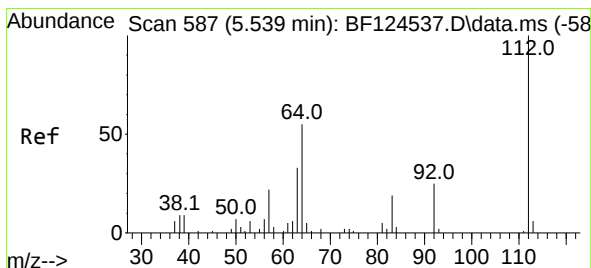
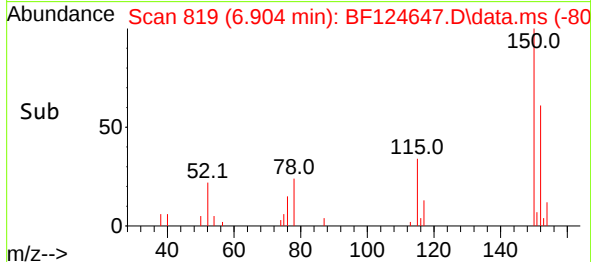
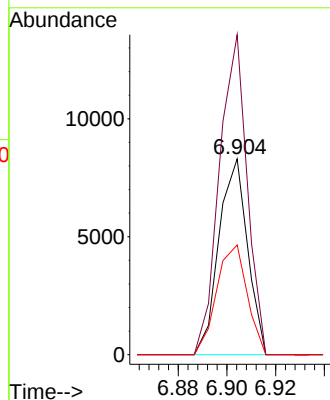
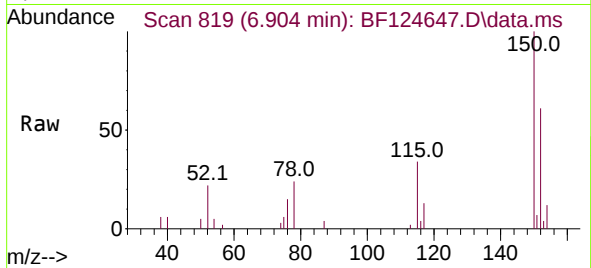




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.012 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

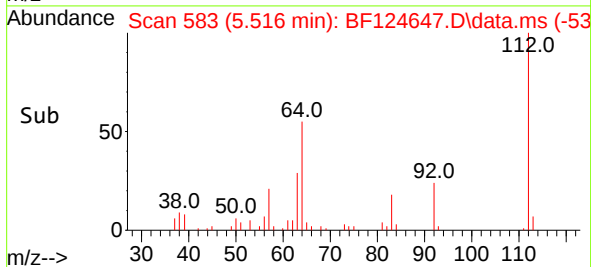
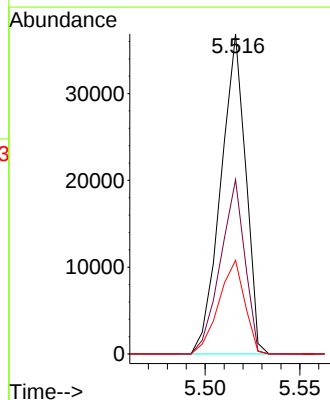
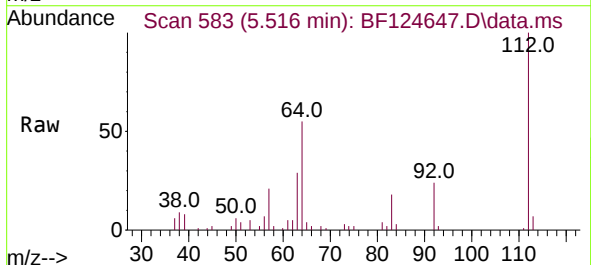
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-019-ABCD

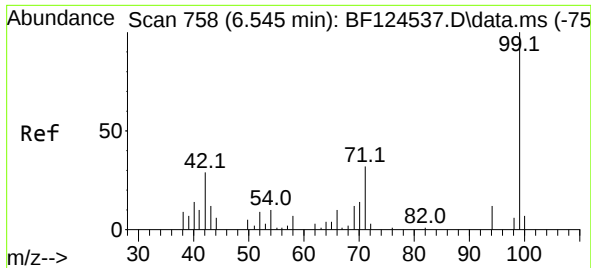
Tgt Ion:152 Resp: 6757
Ion Ratio Lower Upper
152 100
150 163.4 117.6 176.4
115 56.0 47.1 70.7



#5
2-Fluorophenol
Concen: 86.47 ng
RT: 5.516 min Scan# 583
Delta R.T. -0.018 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion:112 Resp: 33722
Ion Ratio Lower Upper
112 100
64 54.5 44.2 66.2
63 29.2 26.2 39.2

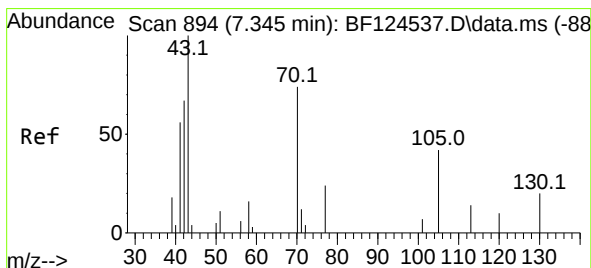
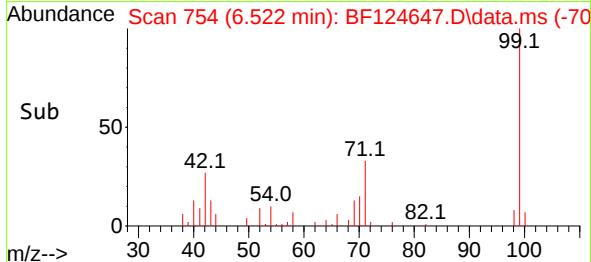
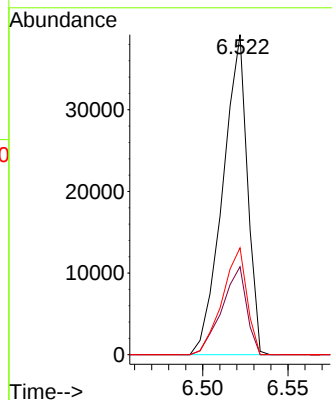
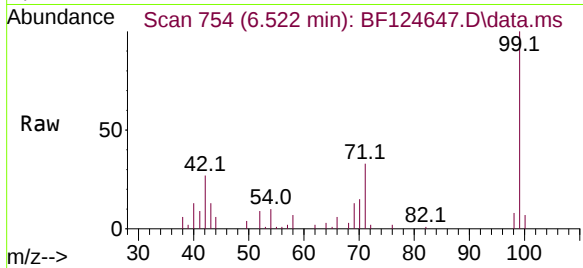




#7
Phenol-d6
Concen: 82.94 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.023 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

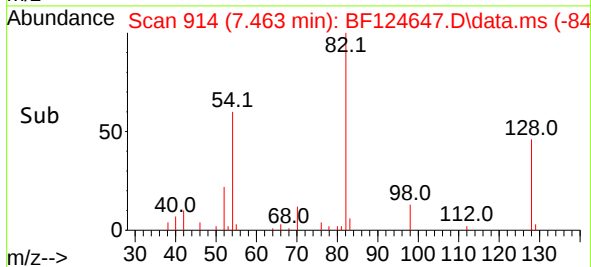
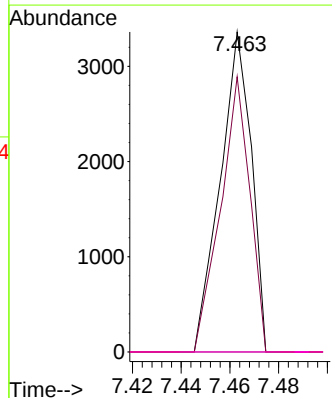
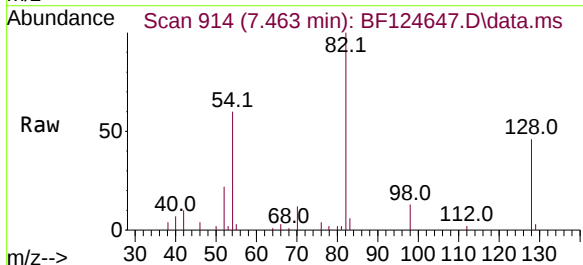
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-019-ABCD

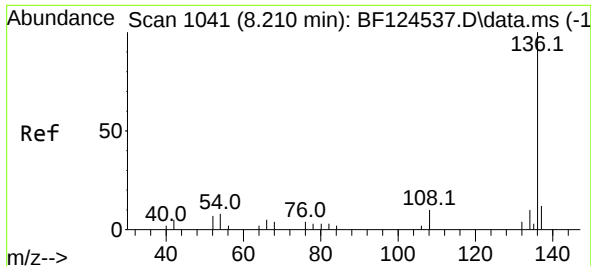
Tgt Ion:	99	Resp:	39350
Ion	Ratio	Lower	Upper
99	100		
42	27.5	23.5	35.3
71	33.4	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.19 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.130 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion:	70	Resp:	2985
Ion	Ratio	Lower	Upper
70	100		
42	86.0	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

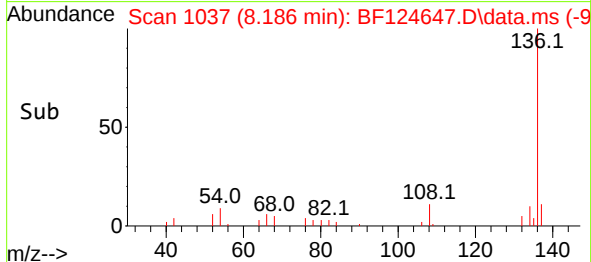
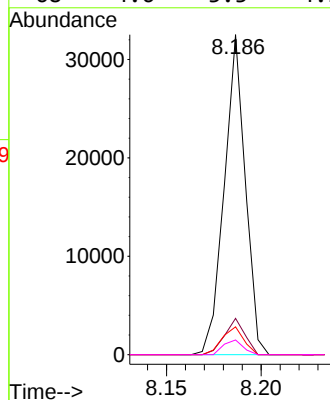
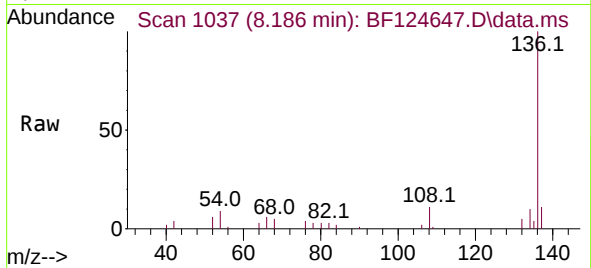




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.017 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

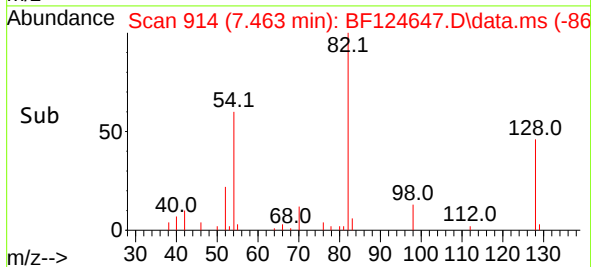
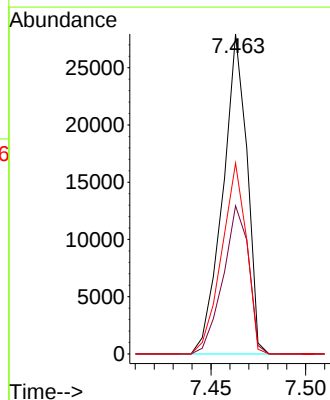
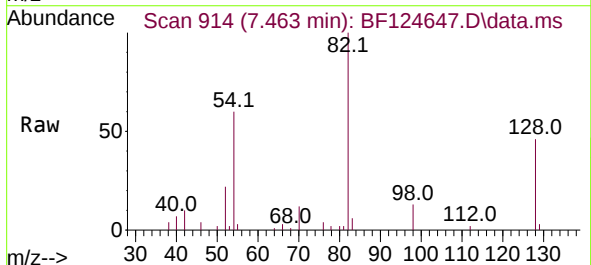
Instrument :
BNA_F
ClientSampleId :
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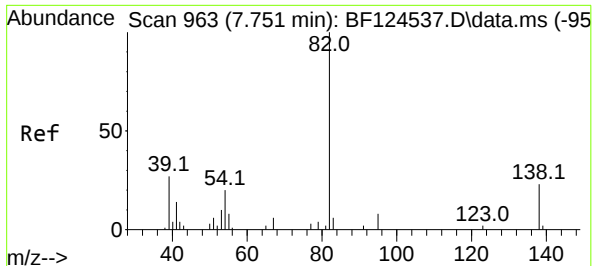
Tgt Ion:136	Resp:	25176
Ion Ratio	Lower	Upper
136	100	
137	11.3	9.8 14.6
54	8.7	6.4 9.6
68	4.6	3.3 4.9



#23
Nitrobenzene-d5
Concen: 62.29 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.023 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion: 82	Resp:	24844
Ion Ratio	Lower	Upper
82	100	
128	46.3	40.6 60.8
54	59.7	49.6 74.4

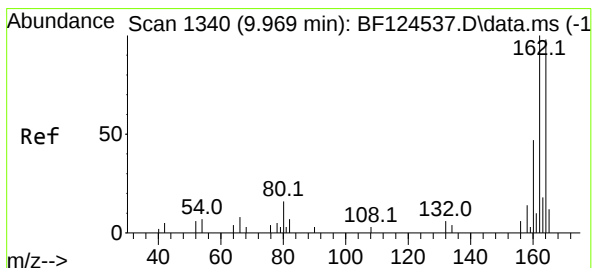
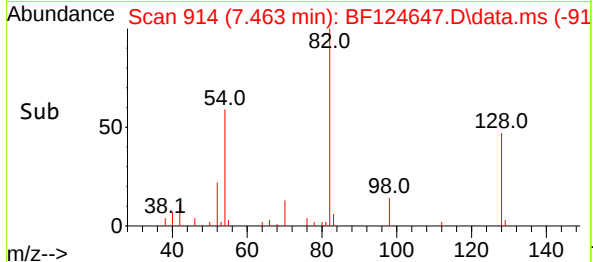
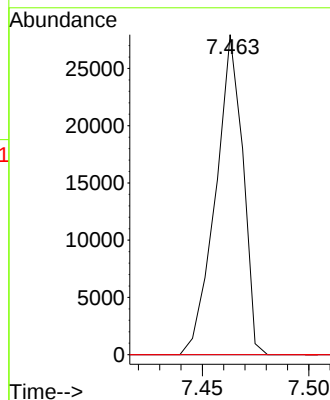
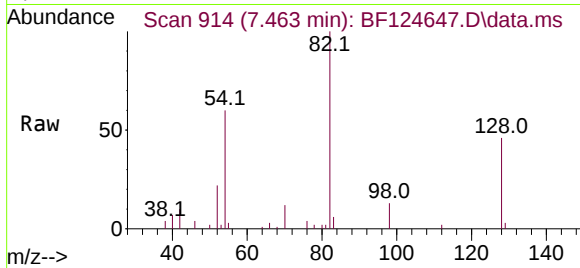




#25
Isophorone
Concen: 33.93 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.282 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

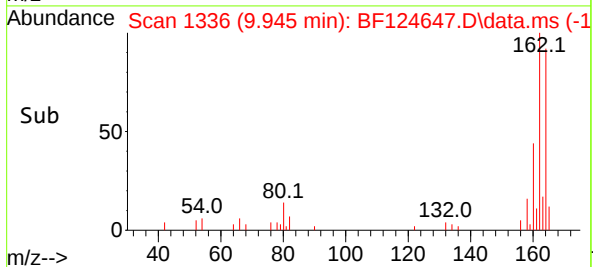
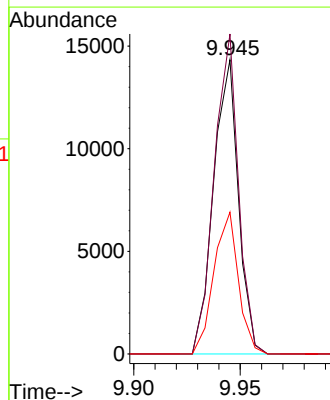
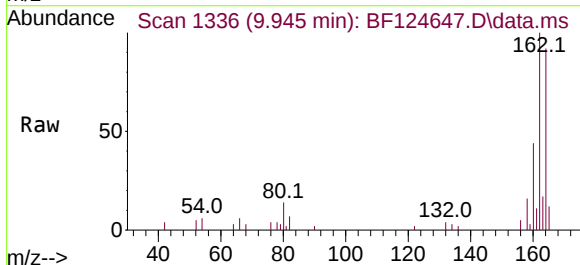
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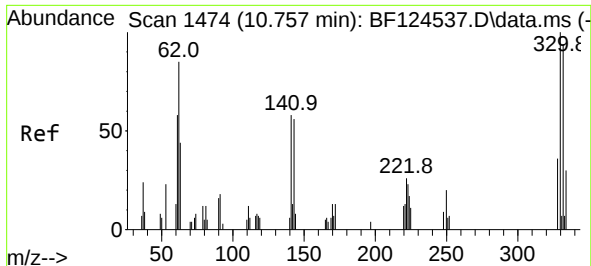
Tgt Ion: 82 Resp: 24843
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion: 164 Resp: 11631
Ion Ratio Lower Upper
164 100
162 108.8 81.3 121.9
160 48.2 38.0 57.0

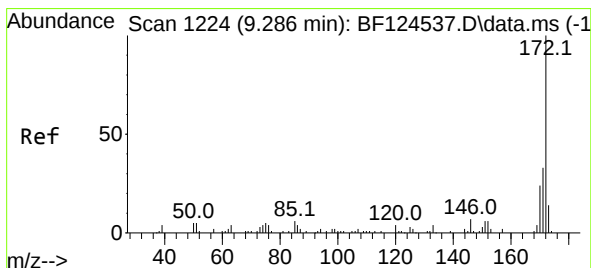
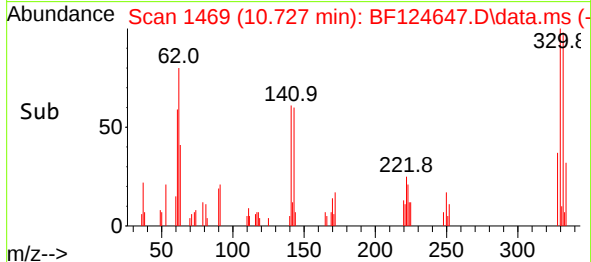
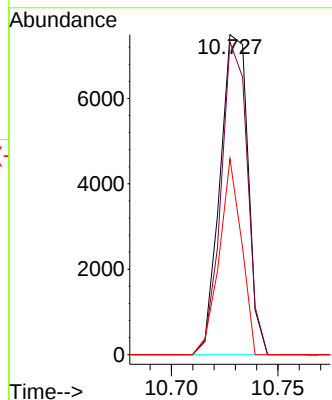
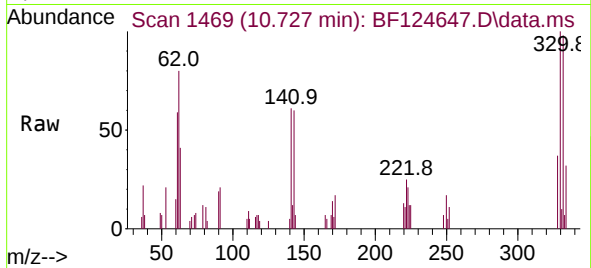




#42
2,4,6-Tribromophenol
Concen: 75.68 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.023 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

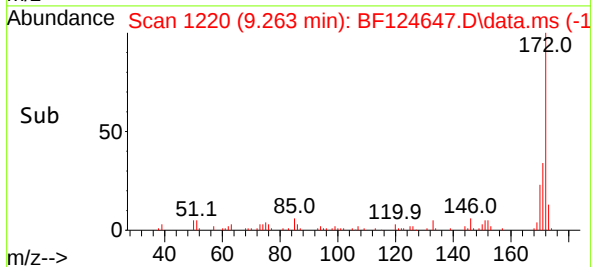
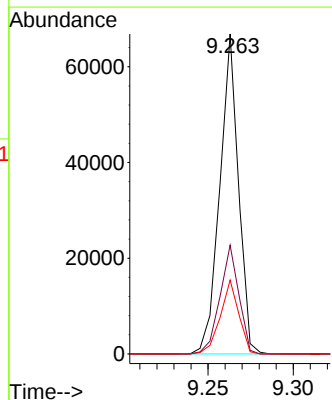
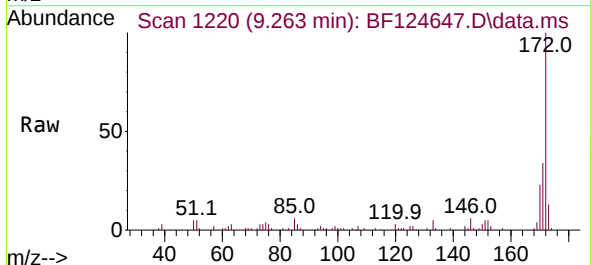
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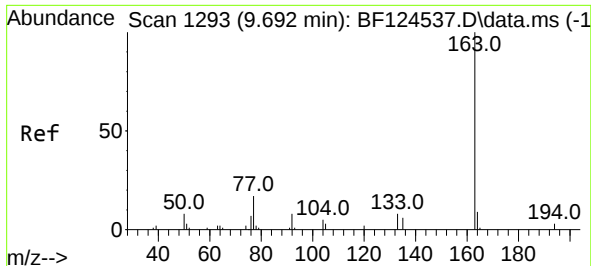
Tgt Ion: 330 Resp: 6850
Ion Ratio Lower Upper
330 100
332 91.4 76.2 114.4
141 48.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 63.76 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.017 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion: 172 Resp: 50858
Ion Ratio Lower Upper
172 100
171 34.0 26.5 39.7
170 23.1 18.8 28.2

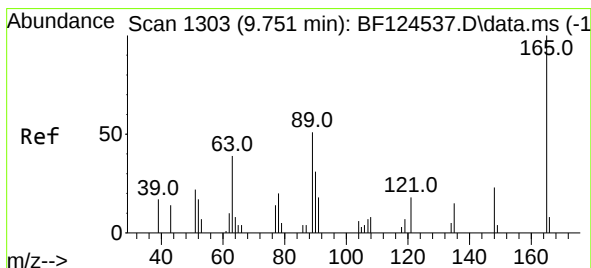
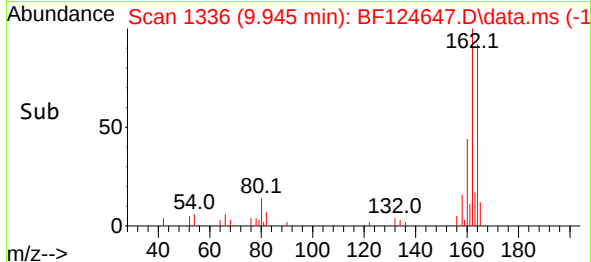
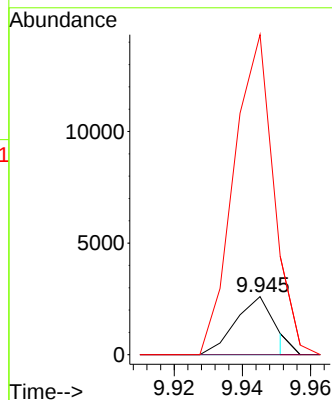
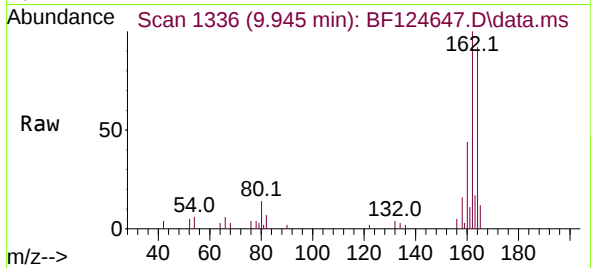




#50
Dimethylphthalate
Concen: 2.56 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.259 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

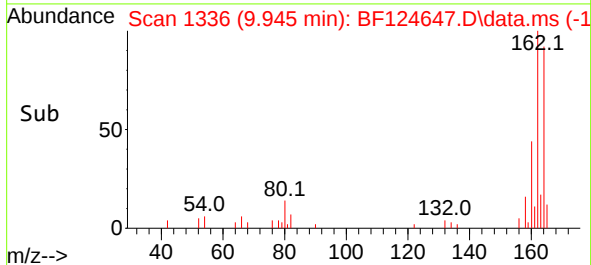
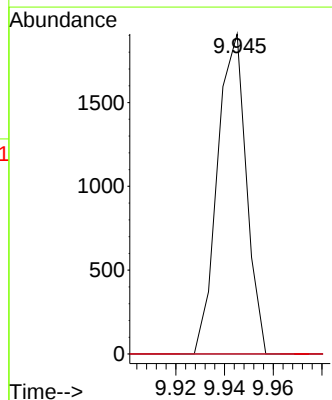
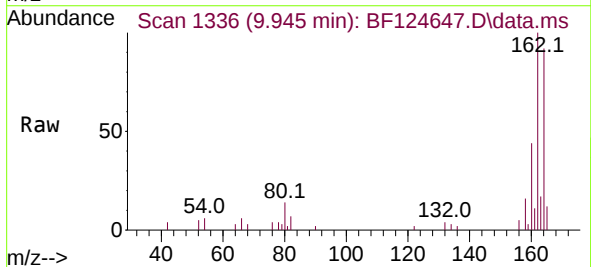
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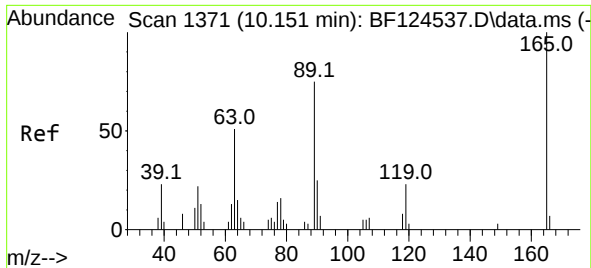
Tgt Ion:163 Resp: 2068
Ion Ratio Lower Upper
163 100
194 0.0 2.6 3.8#
164 551.0 7.4 11.0#



#51
2,6-Dinitrotoluene
Concen: 9.85 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.200 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

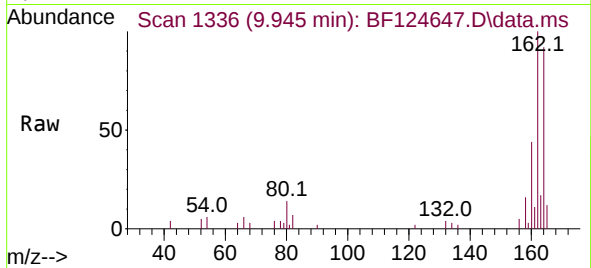
Tgt Ion:165 Resp: 1571
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



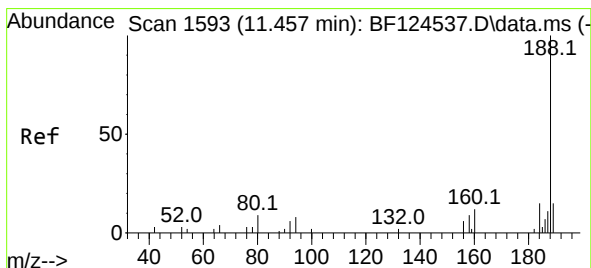
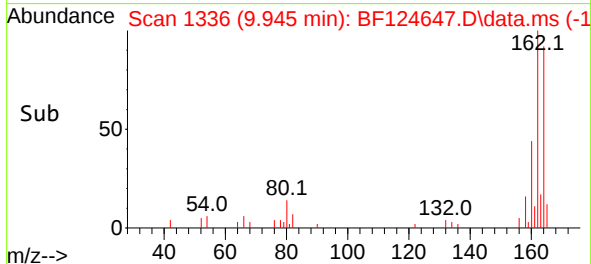
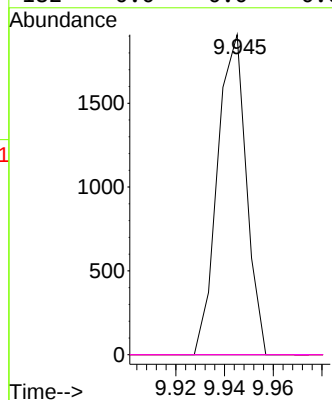


#57
2,4-Dinitrotoluene
Concen: 7.19 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.200 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-019-ABCD

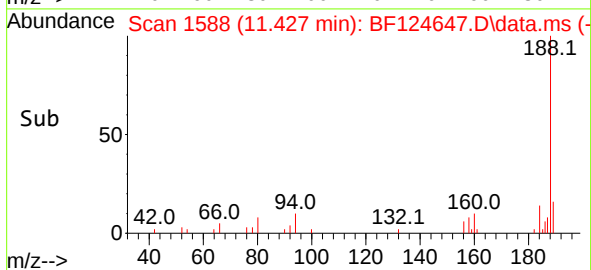
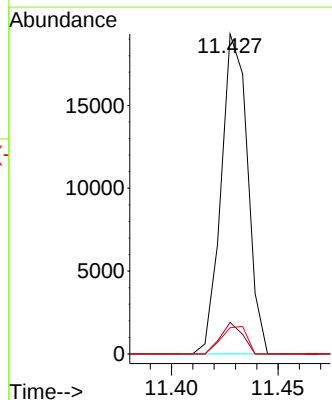
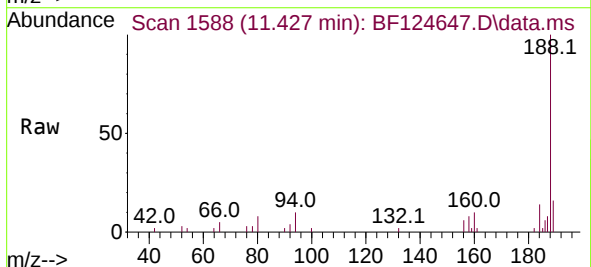


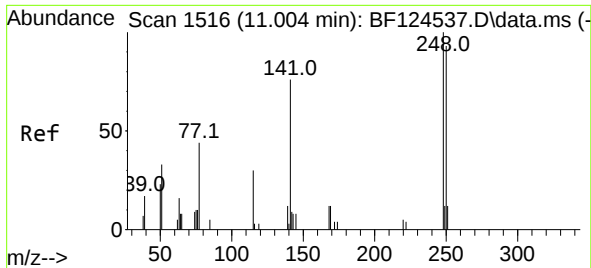
Tgt Ion:165 Resp: 1571
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.017 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion:188 Resp: 16615
Ion Ratio Lower Upper
188 100
94 9.9 6.7 10.1
80 8.2 7.5 11.3

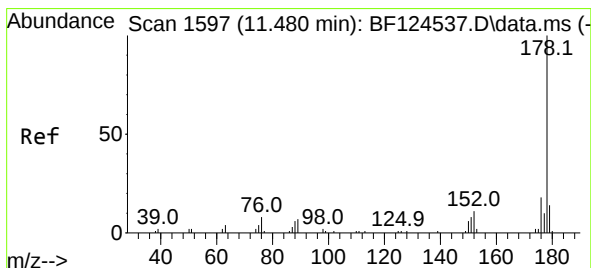
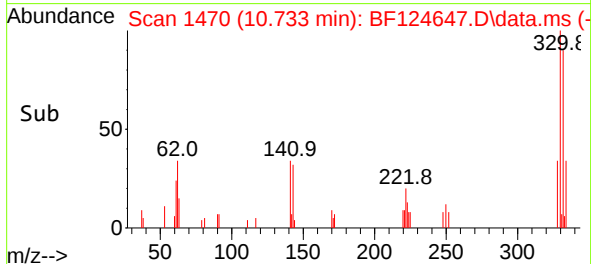
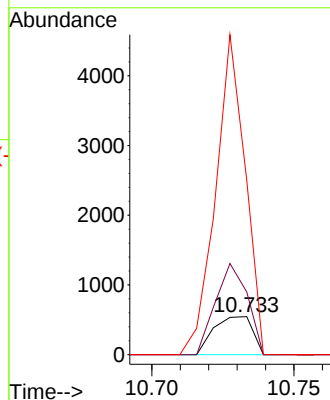
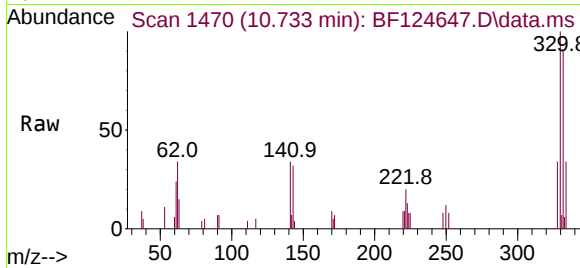




#67
4-Bromophenyl-phenylether
Concen: 3.02 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.259 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

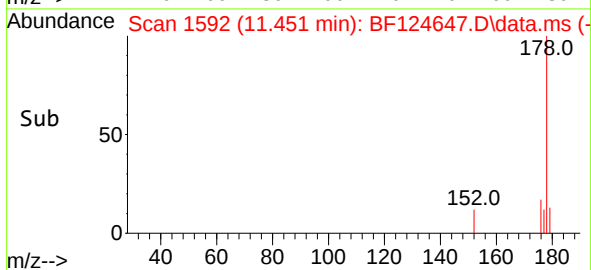
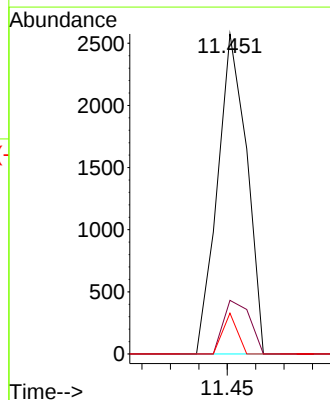
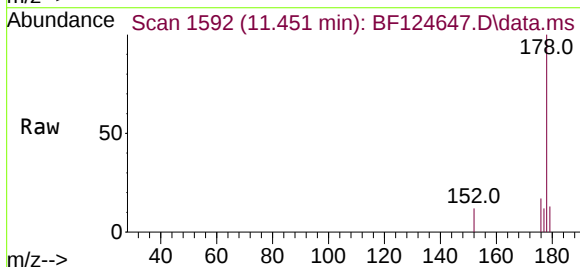
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-019-ABCD

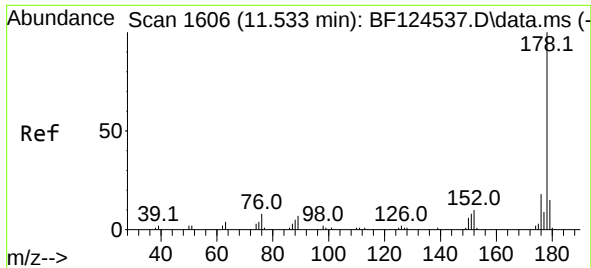
Tgt Ion:248 Resp: 518
Ion Ratio Lower Upper
248 100
250 164.5 74.2 111.4#
141 457.2 60.4 90.6#



#71
Phenanthrene
Concen: 2.03 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.023 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion:178 Resp: 1837
Ion Ratio Lower Upper
178 100
176 16.8 14.7 22.1
179 12.7 11.5 17.3

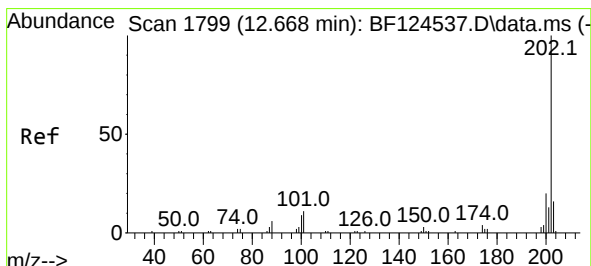
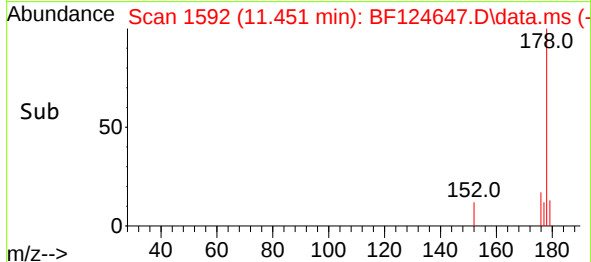
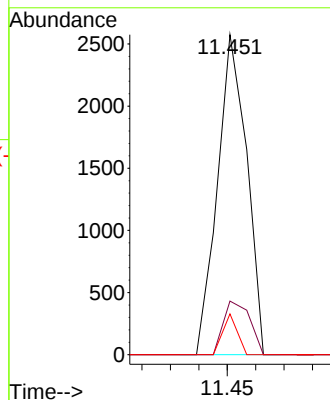
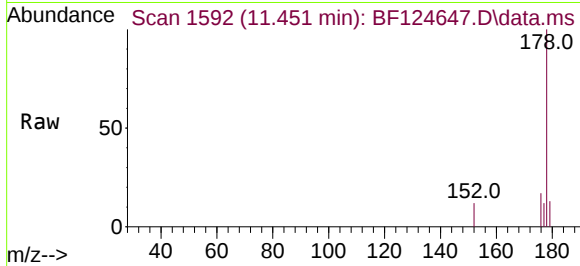




#72
 Anthracene
 Concen: 2.02 ng
 RT: 11.451 min Scan# 1592
 Delta R.T. -0.070 min
 Lab File: BF124647.D
 Acq: 21 Jul 2021 2:00

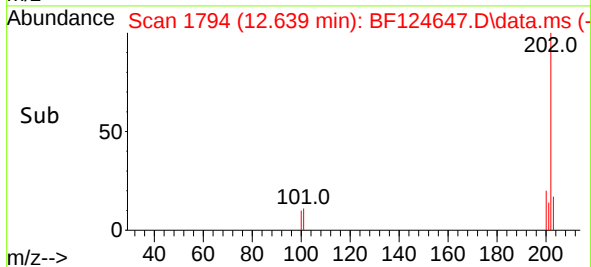
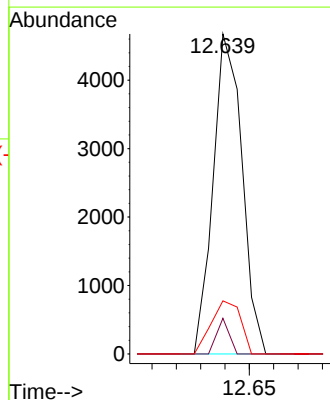
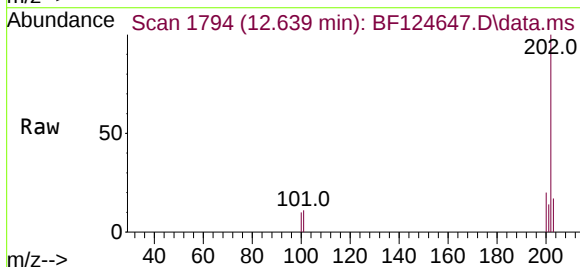
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-019-ABCD

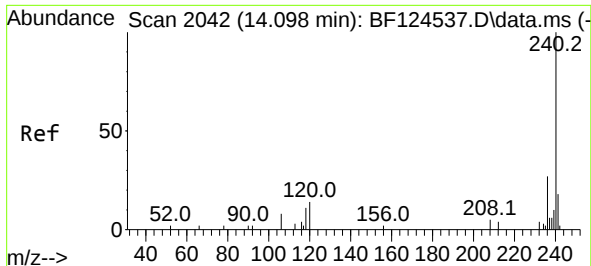
Tgt Ion:178	Resp:	1837
Ion Ratio	Lower	Upper
178	100	
176	16.8	14.3 21.5
179	12.7	12.2 18.4



#75
 Fluoranthene
 Concen: 4.21 ng
 RT: 12.639 min Scan# 1794
 Delta R.T. -0.023 min
 Lab File: BF124647.D
 Acq: 21 Jul 2021 2:00

Tgt Ion:202	Resp:	3849
Ion Ratio	Lower	Upper
202	100	
101	11.1	0.0 30.7
203	16.6	0.0 36.3

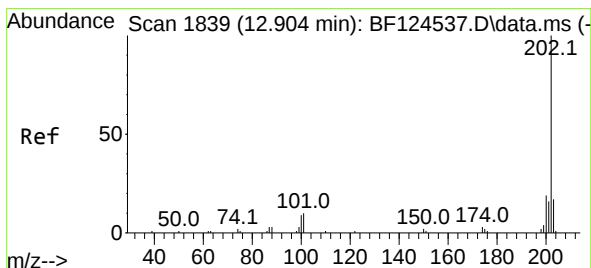
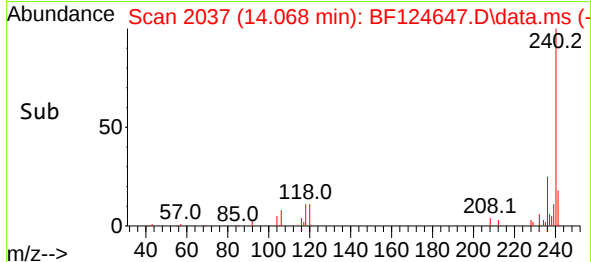
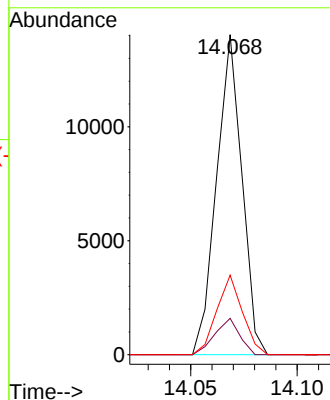
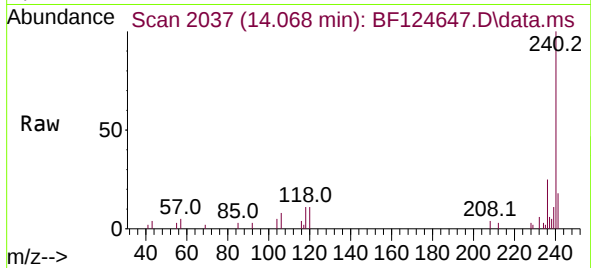




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.018 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

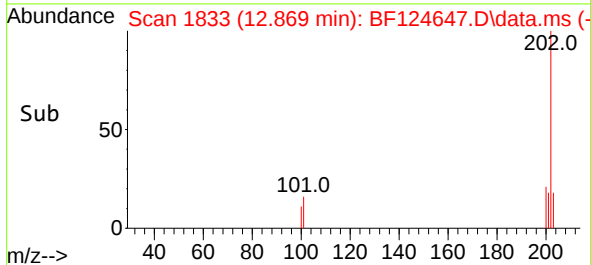
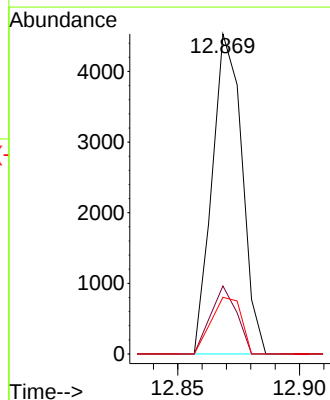
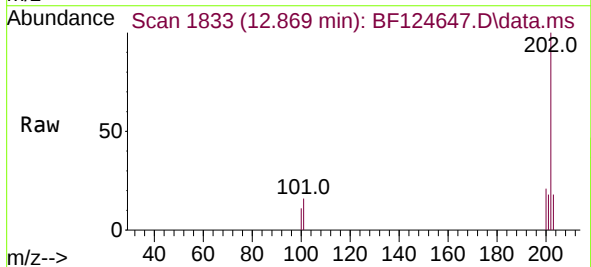
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-019-ABCD

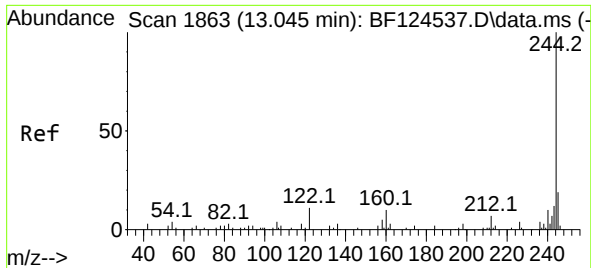
Tgt Ion:240 Resp: 11591
Ion Ratio Lower Upper
240 100
120 11.3 10.8 16.2
236 24.8 21.6 32.4



#78
Pyrene
Concen: 4.01 ng
RT: 12.869 min Scan# 1833
Delta R.T. -0.023 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion:202 Resp: 3863
Ion Ratio Lower Upper
202 100
200 21.3 15.3 22.9
203 17.7 13.4 20.0

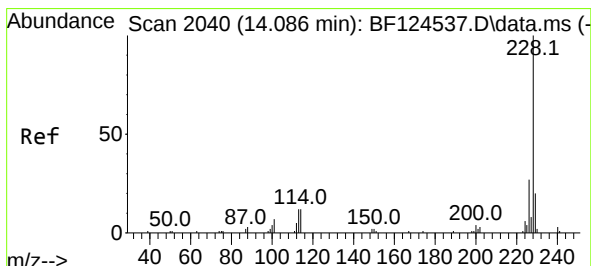
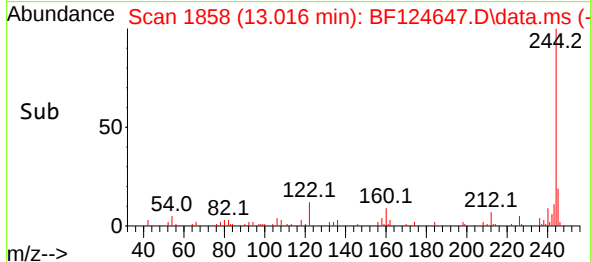
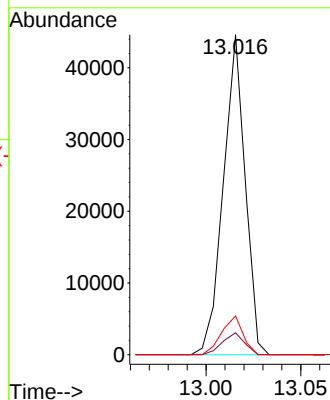
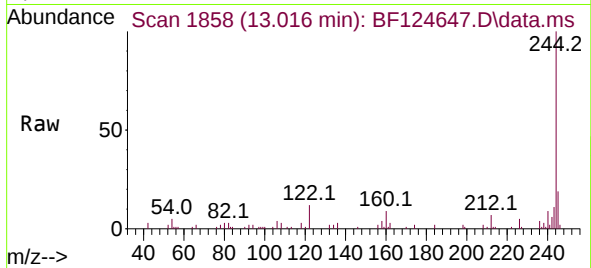




#79
 Terphenyl-d14
 Concen: 51.79 ng
 RT: 13.016 min Scan# 1858
 Delta R.T. -0.017 min
 Lab File: BF124647.D
 Acq: 21 Jul 2021 2:00

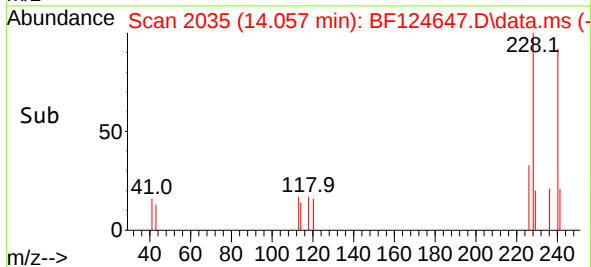
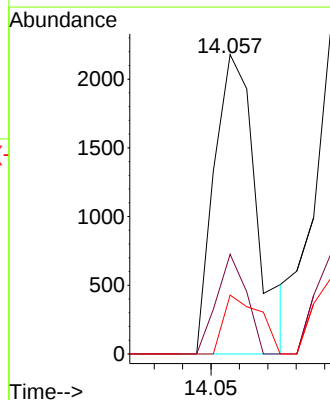
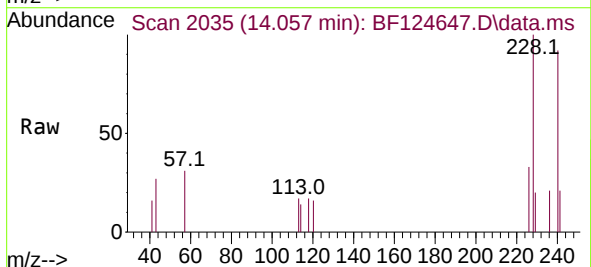
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-019-ABCD

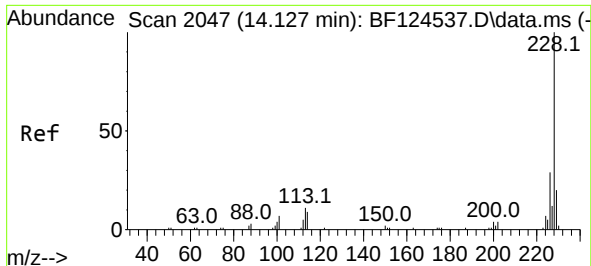
Tgt Ion:244 Resp: 35752
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 12.1 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 2.93 ng
 RT: 14.057 min Scan# 2035
 Delta R.T. -0.018 min
 Lab File: BF124647.D
 Acq: 21 Jul 2021 2:00

Tgt Ion:228 Resp: 2254
 Ion Ratio Lower Upper
 228 100
 226 33.3 21.6 32.4#
 229 19.7 15.6 23.4

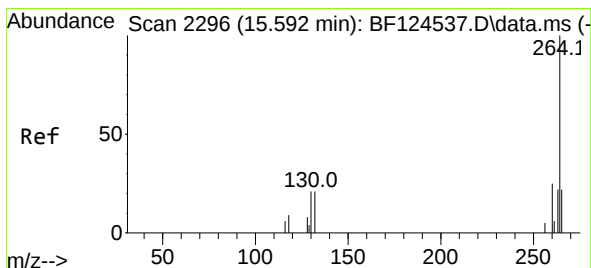
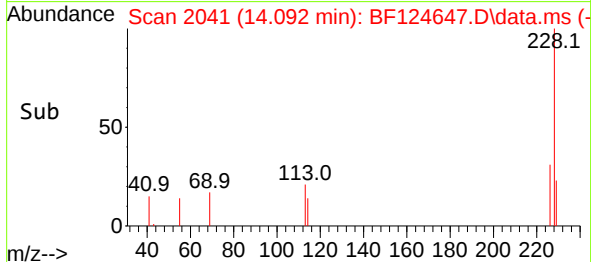
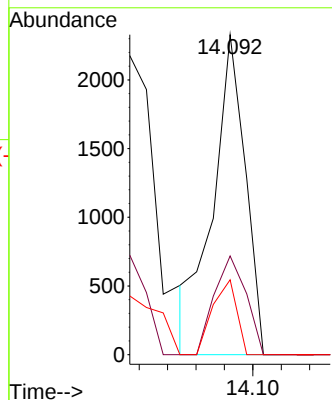
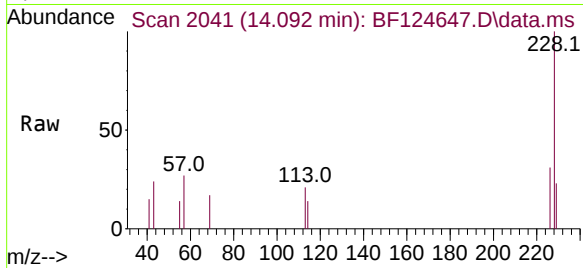




#83
Chrysene
Concen: 2.49 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.023 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

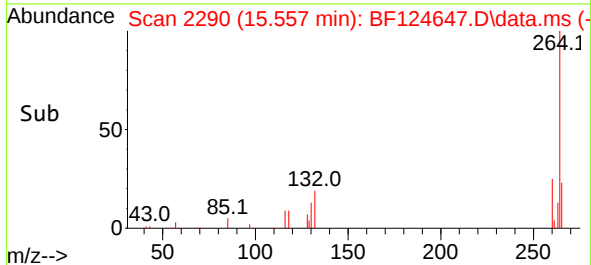
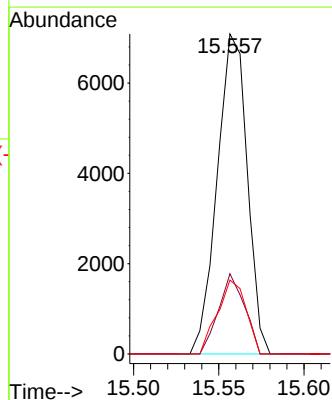
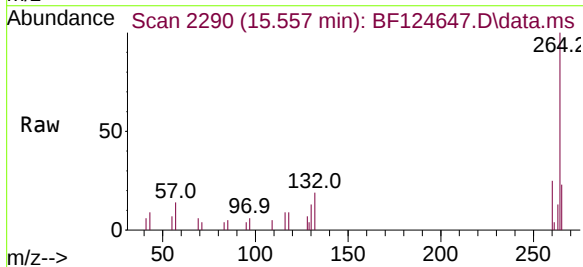
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-019-ABCD

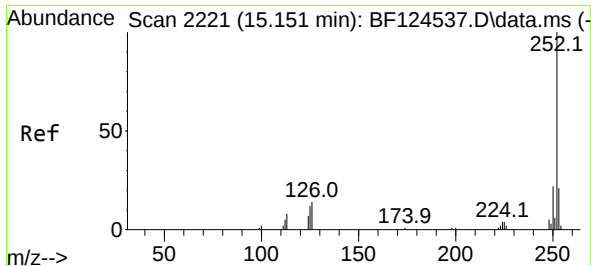
Tgt Ion:228	Resp:	1837
Ion Ratio	Lower	Upper
228	100	
226	30.9	22.6 34.0
229	23.4	15.9 23.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.557 min Scan# 2290
Delta R.T. -0.012 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion:264	Resp:	8682
Ion Ratio	Lower	Upper
264	100	
260	25.1	19.6 29.4
265	23.1	17.2 25.8

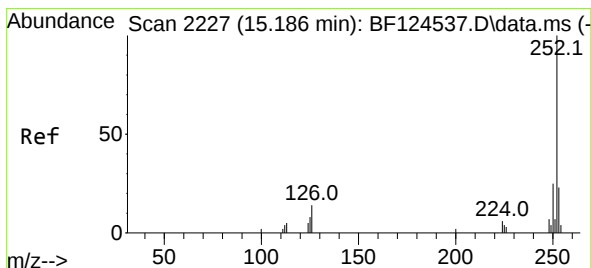
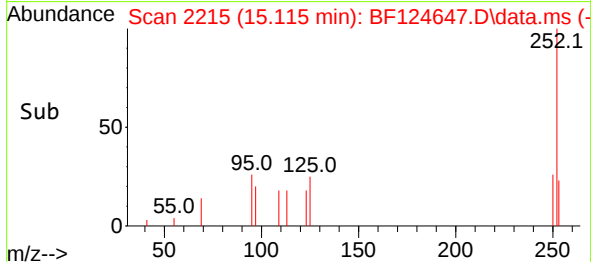
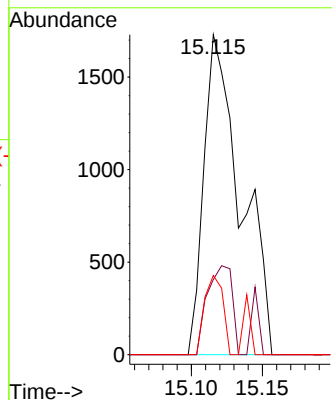
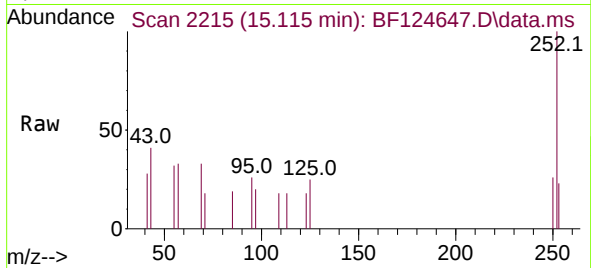




#88
Benzo(b)fluoranthene
Concen: 5.01 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.018 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

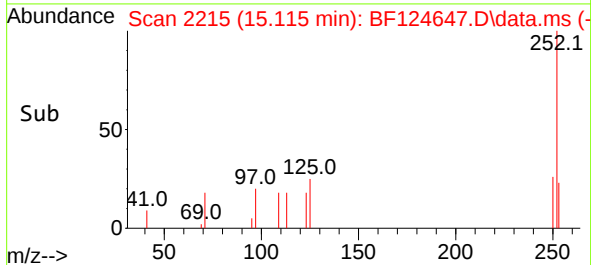
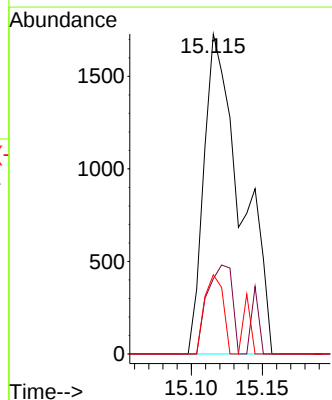
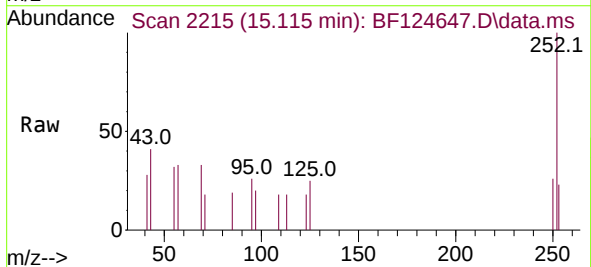
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-019-ABCD

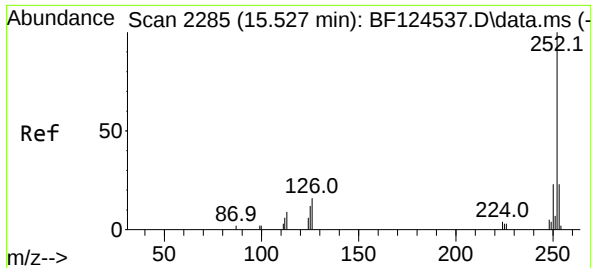
Tgt Ion:252 Resp: 3124
Ion Ratio Lower Upper
252 100
253 23.5 16.8 25.2
125 24.8 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 5.46 ng
RT: 15.115 min Scan# 2215
Delta R.T. -0.053 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Tgt Ion:252 Resp: 3124
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 24.8 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 3.57 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.018 min
Lab File: BF124647.D
Acq: 21 Jul 2021 2:00

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-019-ABCD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.4	27.6
125	0.0	9.9	14.9

