

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
 Data File : BF124692.D
 Acq On : 22 Jul 2021 16:40
 Operator : JU/CG
 Sample : M3098-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 F0604S

Quant Time: Jul 22 17:16:03 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

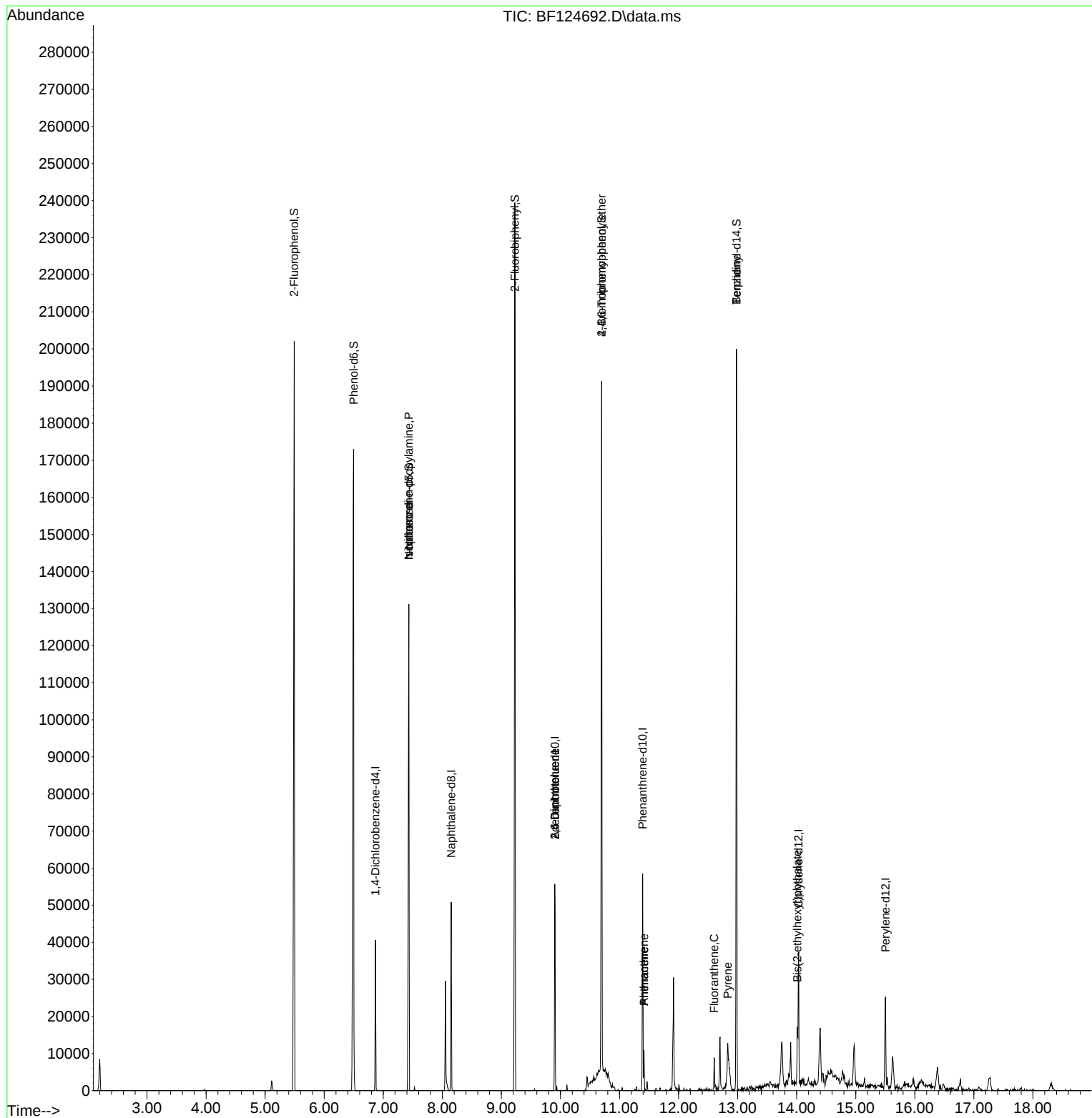
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6038	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22167	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	12347	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	20993	20.000	ng	0.00
76) Chrysene-d12	14.033	240	14139	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	12259	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	57776	162.014	ng	0.01
7) Phenol-d6	6.498	99	68013	152.132	ng	0.00
23) Nitrobenzene-d5	7.434	82	39892	107.109	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	16846	158.908	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	76195	90.638	ng	0.00
79) Terphenyl-d14	12.980	244	68980	83.628	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	5391	22.582	ng	# 74
25) Isophorone	7.434	82	39891	60.573	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1406	7.486	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1406	5.516	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1349	6.059	ng	# 1
71) Phenanthrene	11.416	178	4081	3.614	ng	99
72) Anthracene	11.416	178	4081	3.615	ng	98
75) Fluoranthene	12.604	202	3711	3.221	ng	93
77) Benzidine	12.980	184	942	2.363	ng	# 69
78) Pyrene	12.833	202	2476	2.212	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	4168	5.278	ng	# 98

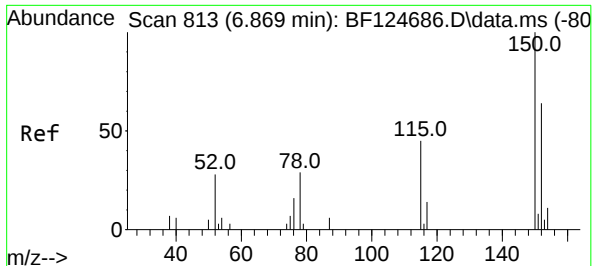
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072221\
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ALS Vial : 11 Sample Multiplier: 1

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BNA_F
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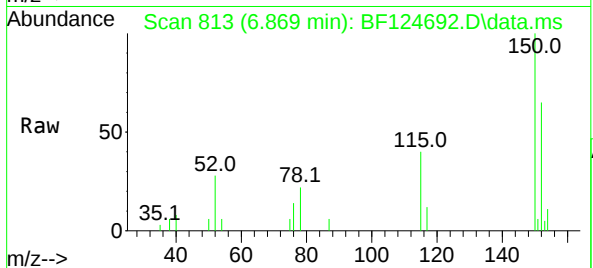
Quant Time: Jul 22 17:16:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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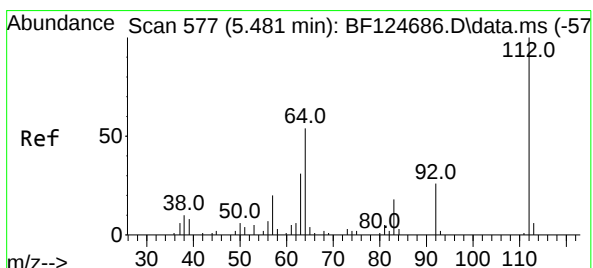
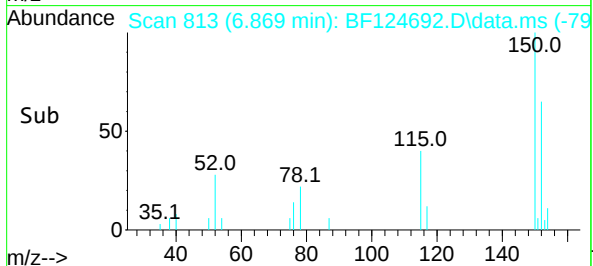
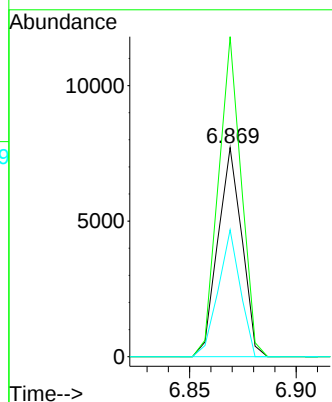


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Instrument :
BNA_F
ClientSampleId :
F0604S

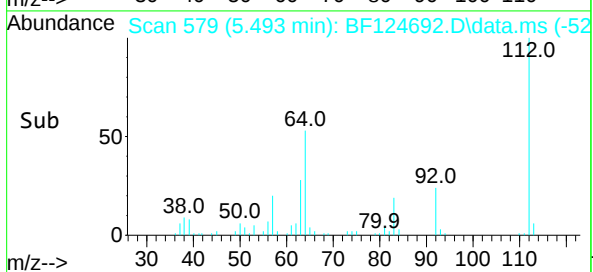
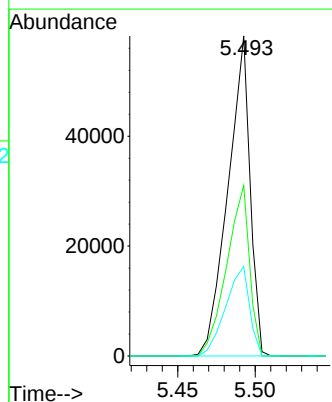
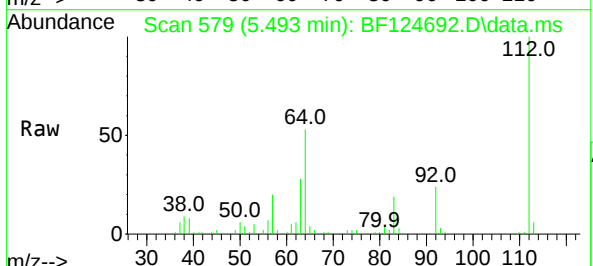


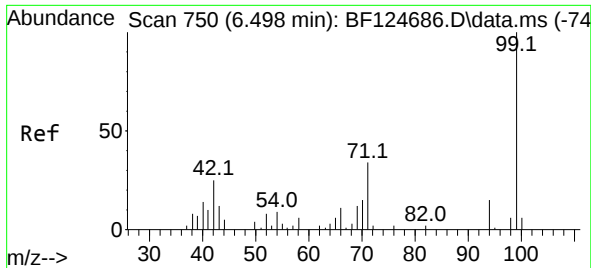
Tgt Ion:152 Resp: 6038
Ion Ratio Lower Upper
152 100
150 153.0 117.6 176.4
115 60.7 47.1 70.7



#5
2-Fluorophenol
Concen: 162.014 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Tgt Ion:112 Resp: 57776
Ion Ratio Lower Upper
112 100
64 53.3 44.2 66.2
63 27.9 26.2 39.2

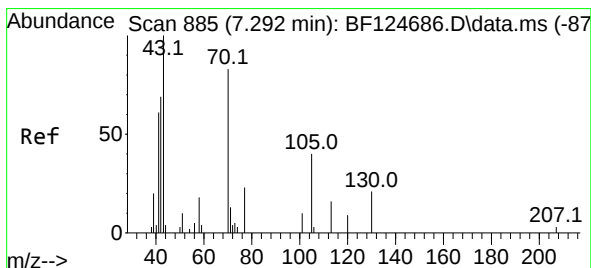
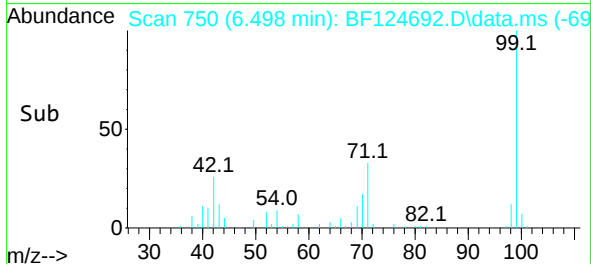
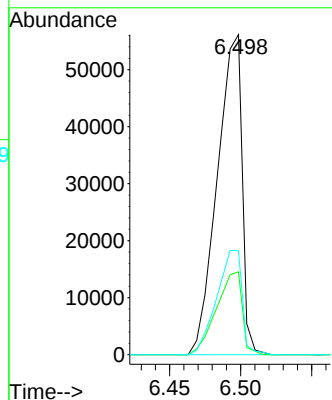
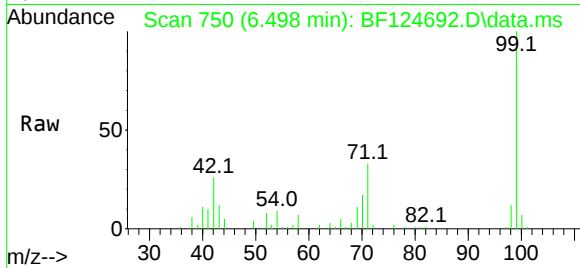




#7
Phenol-d6
Concen: 152.132 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

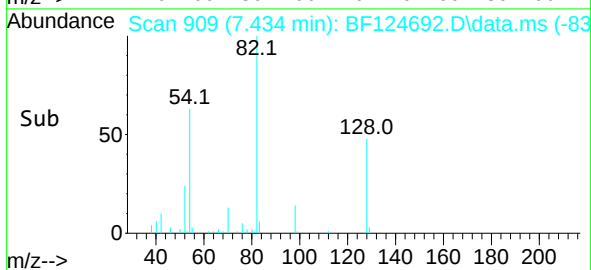
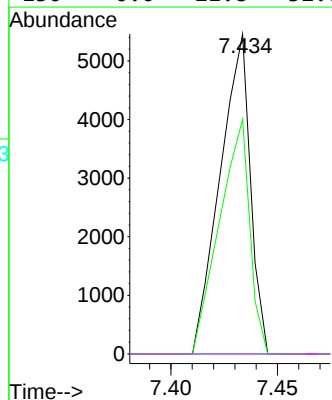
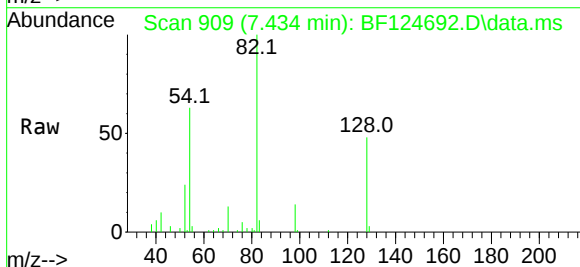
Instrument :
BNA_F
ClientSampleId :
F0604S

Tgt Ion:	99	Resp:	68013
Ion	Ratio	Lower	Upper
99	100		
42	25.9	23.5	35.3
71	32.5	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 22.582 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Tgt Ion:	70	Resp:	5391
Ion	Ratio	Lower	Upper
70	100		
42	73.4	72.2	108.2
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

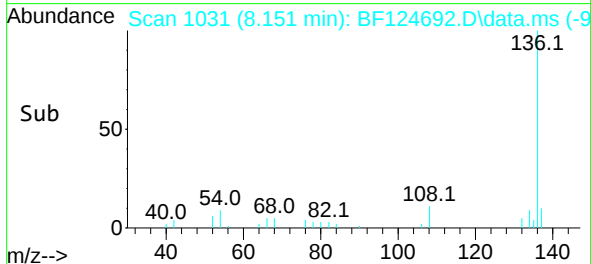
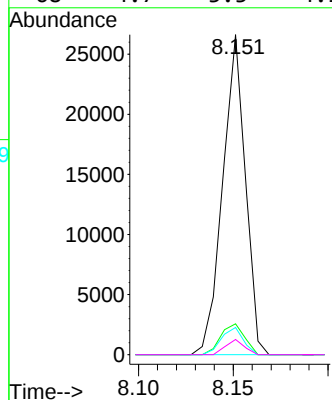
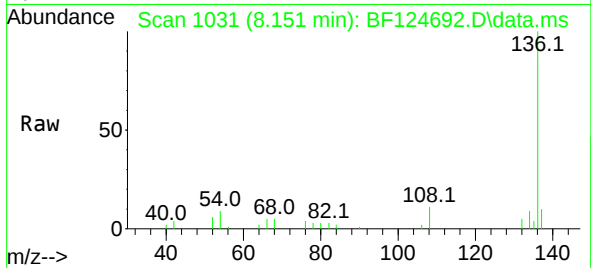




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

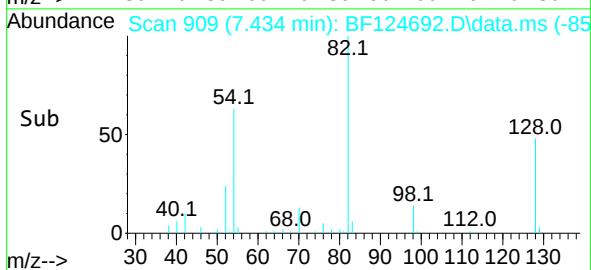
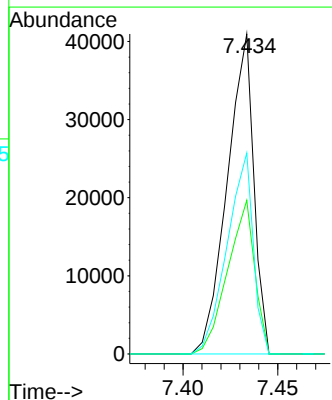
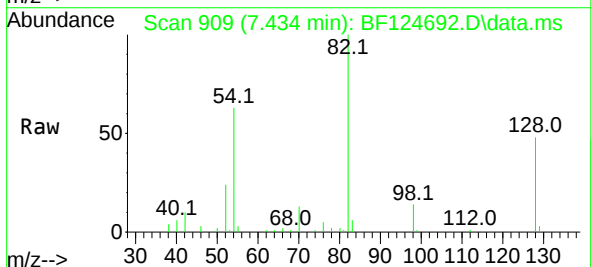
Instrument :
BNA_F
ClientSampleId :
F0604S

Tgt Ion:136	Resp:	22167
Ion Ratio	Lower	Upper
136	100	
137	9.6	9.8 14.6#
54	8.5	6.4 9.6
68	4.7	3.3 4.9



#23
Nitrobenzene-d5
Concen: 107.109 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Tgt Ion: 82	Resp:	39892
Ion Ratio	Lower	Upper
82	100	
128	48.0	40.6 60.8
54	62.8	49.6 74.4

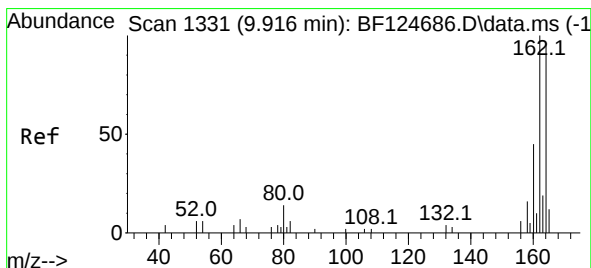
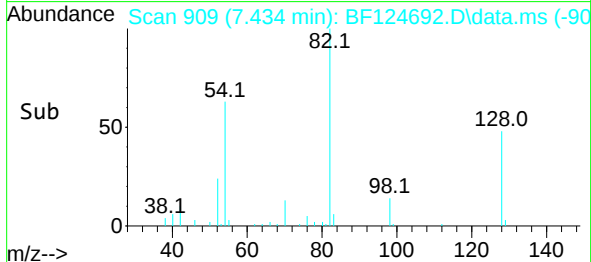
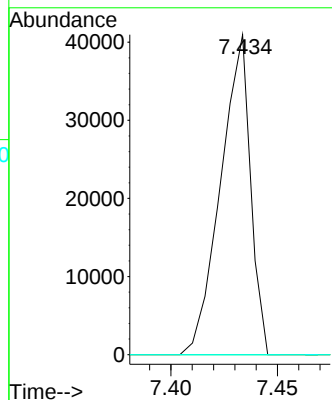
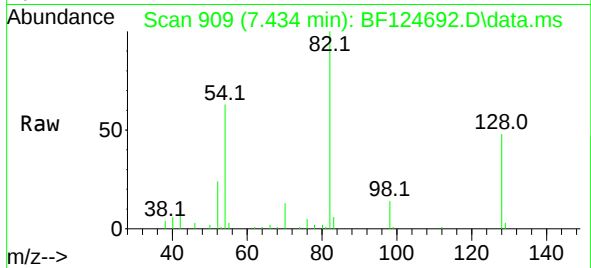




#25
Isophorone
Concen: 60.573 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

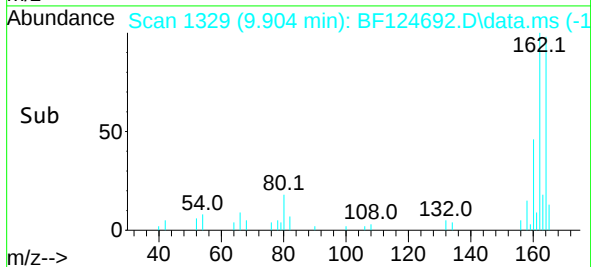
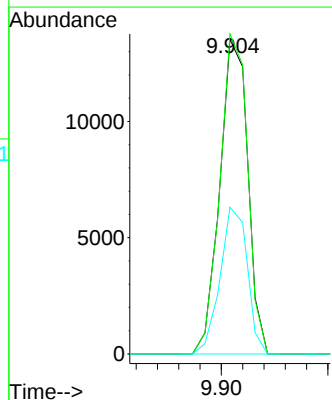
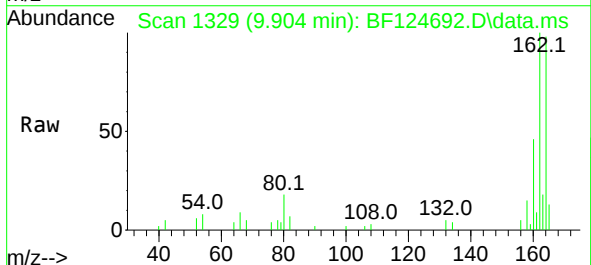
Instrument :
BNA_F
ClientSampleId :
F0604S

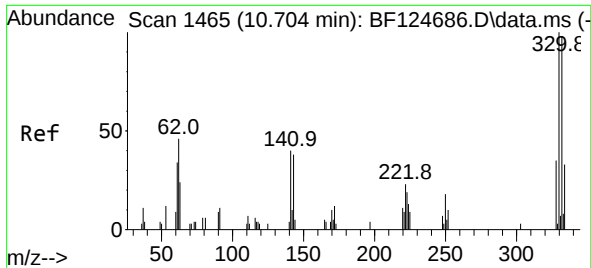
Tgt Ion: 82 Resp: 39891
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

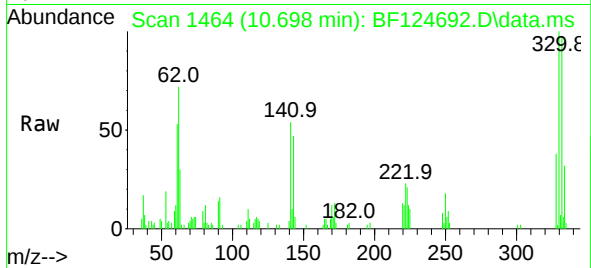
Tgt Ion: 164 Resp: 12347
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 46.6 38.0 57.0



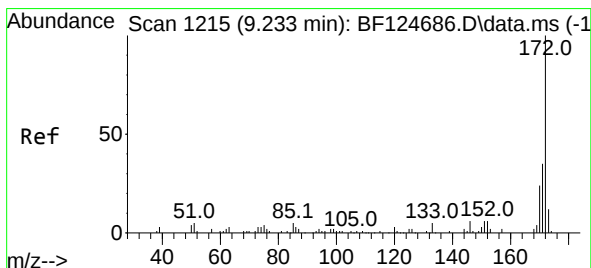
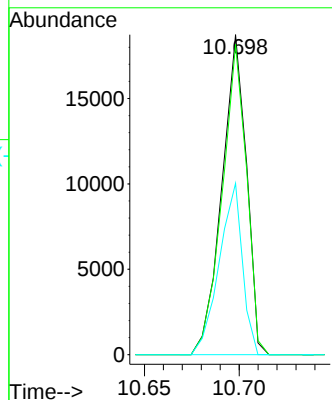
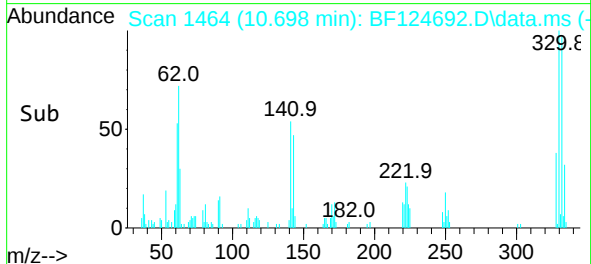


#42
2,4,6-Tribromophenol
Concen: 158.908 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

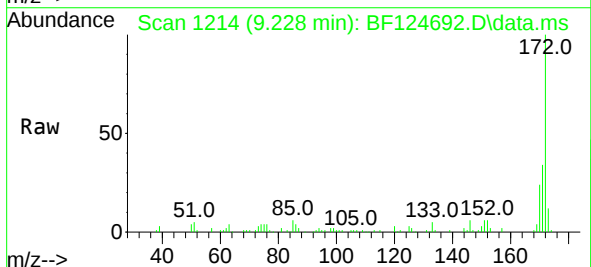
Instrument :
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ClientSampleId :
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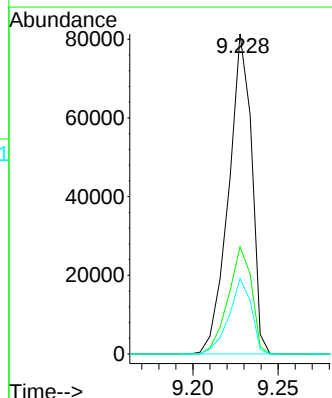
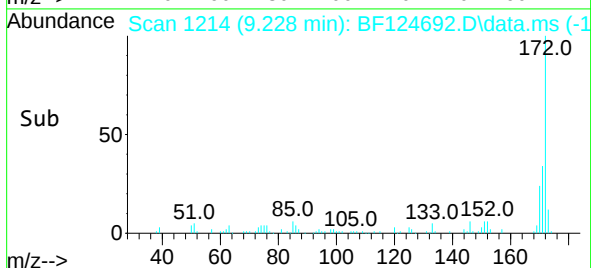
Tgt Ion: 330 Resp: 16846
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.4
141 50.9 44.6 66.8

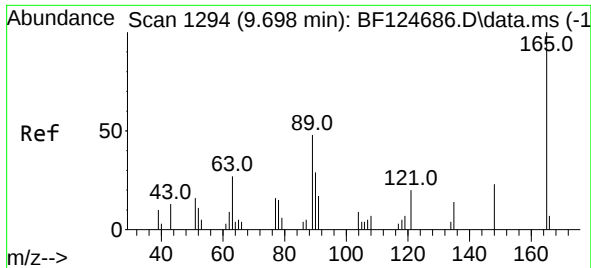


#45
2-Fluorobiphenyl
Concen: 90.638 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40



Tgt Ion: 172 Resp: 76195
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 23.5 18.8 28.2

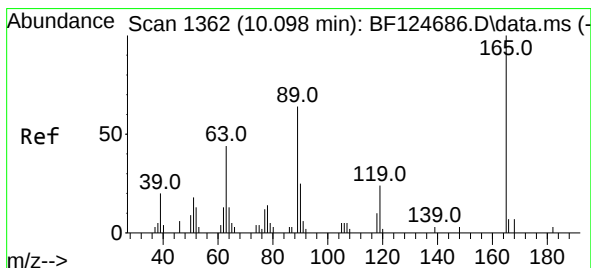
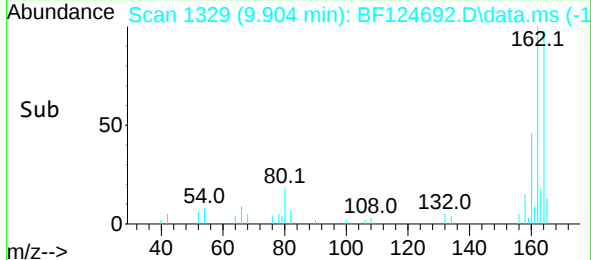
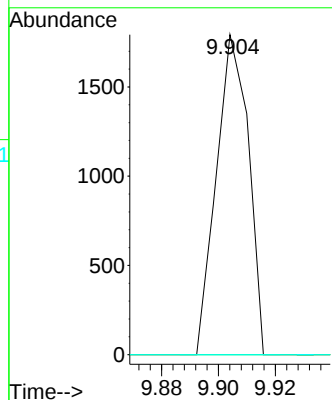
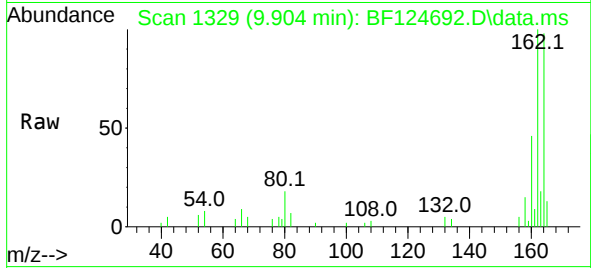




#51
2,6-Dinitrotoluene
Concen: 7.486 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

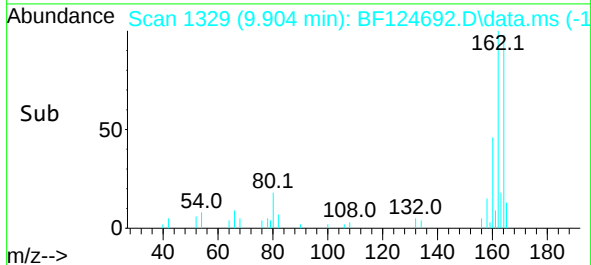
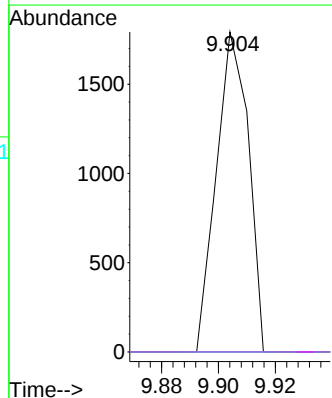
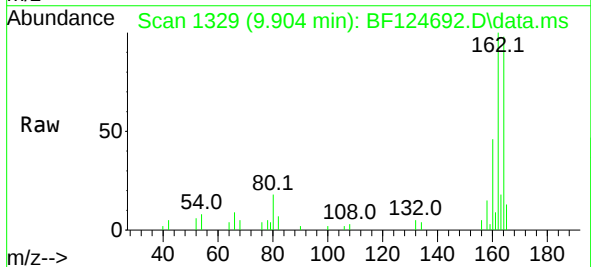
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BNA_F
ClientSampled :
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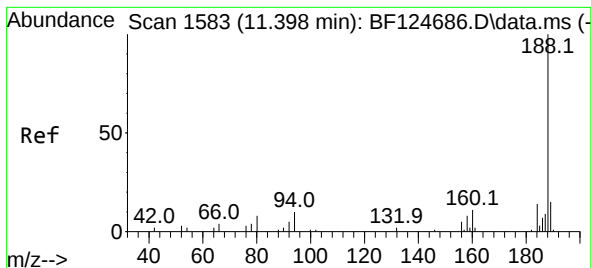
Tgt Ion:165 Resp: 1406
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.516 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Tgt Ion:165 Resp: 1406
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

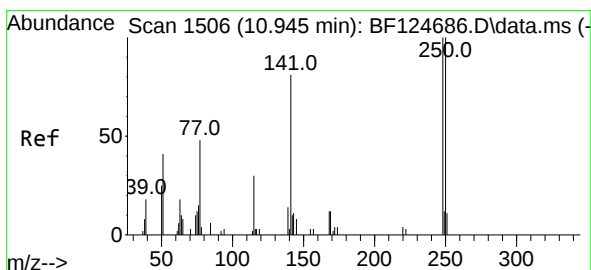
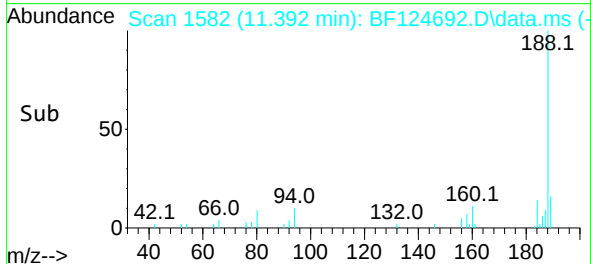
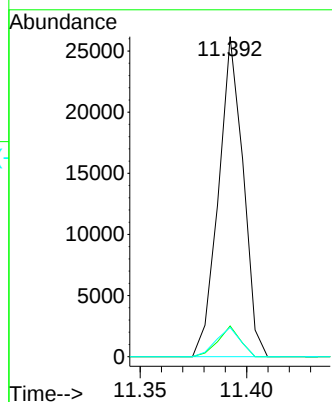
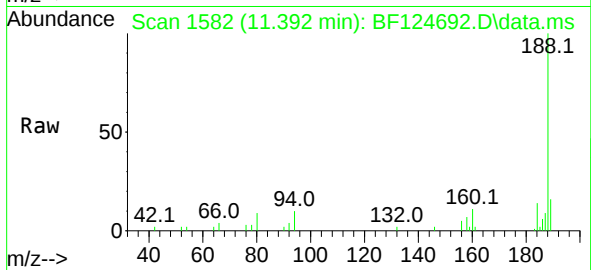




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

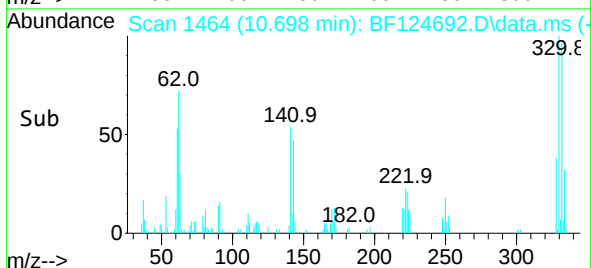
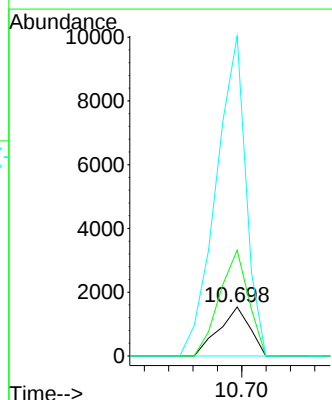
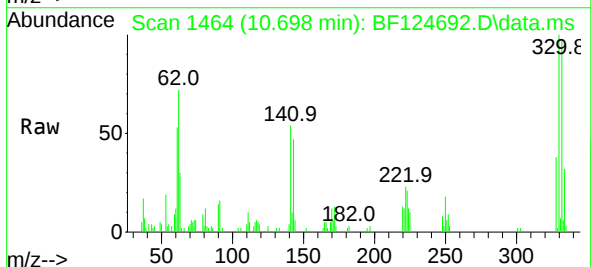
Instrument :
BNA_F
ClientSampleId :
F0604S

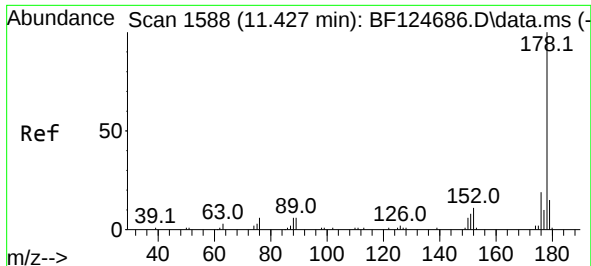
Tgt Ion:188 Resp: 20993
Ion Ratio Lower Upper
188 100
94 9.6 6.7 10.1
80 9.2 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 6.059 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Tgt Ion:248 Resp: 1349
Ion Ratio Lower Upper
248 100
250 216.4 74.2 111.4#
141 654.4 60.4 90.6#

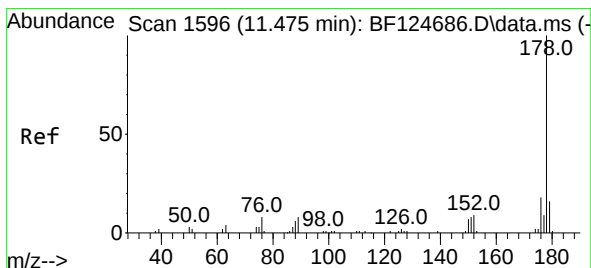
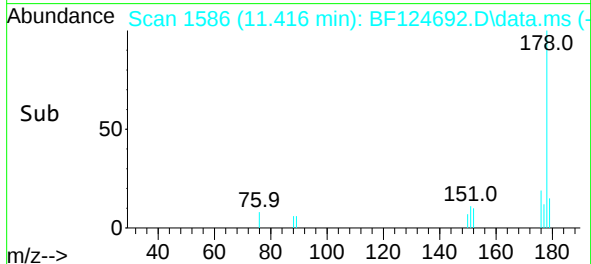
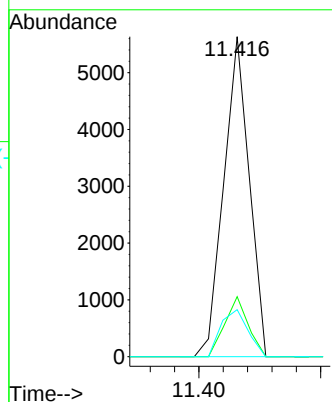
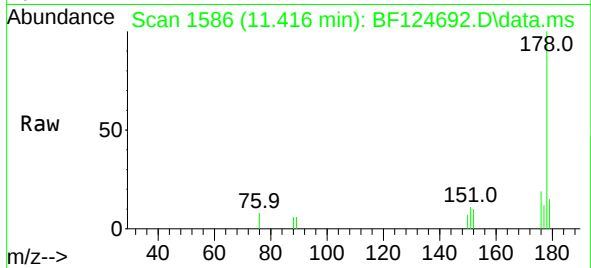




#71
Phenanthrene
Concen: 3.614 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

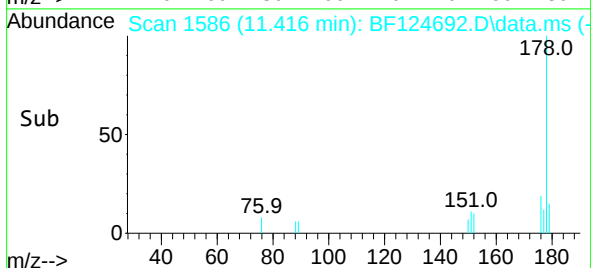
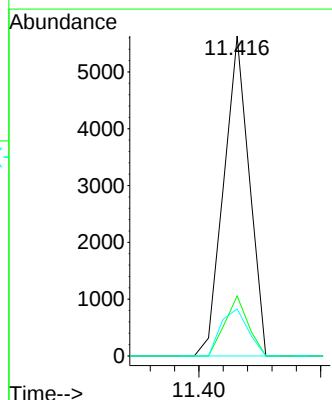
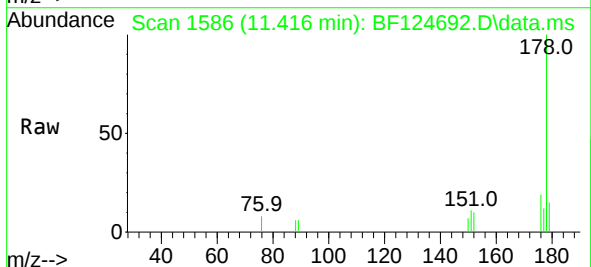
Instrument :
BNA_F
ClientSampled :
F0604S

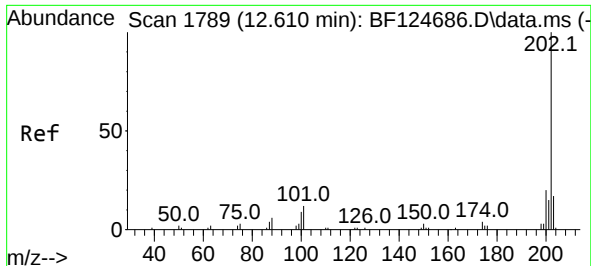
Tgt Ion:178 Resp: 4081
Ion Ratio Lower Upper
178 100
176 18.8 14.7 22.1
179 14.7 11.5 17.3



#72
Anthracene
Concen: 3.615 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.059 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

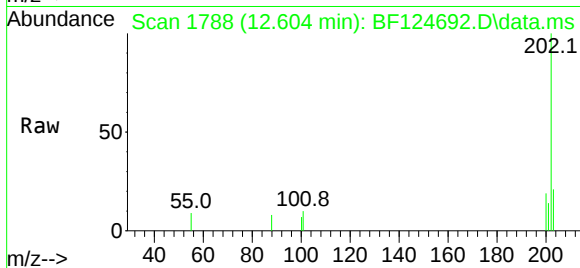
Tgt Ion:178 Resp: 4081
Ion Ratio Lower Upper
178 100
176 18.8 14.3 21.5
179 14.7 12.2 18.4



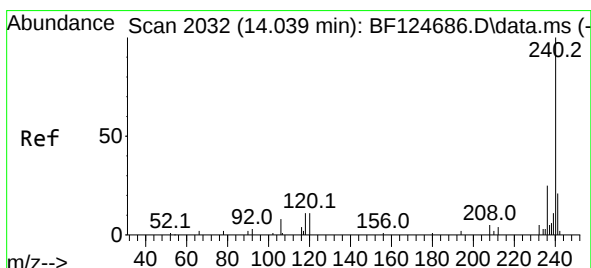
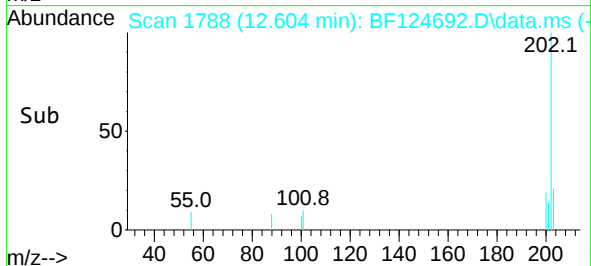
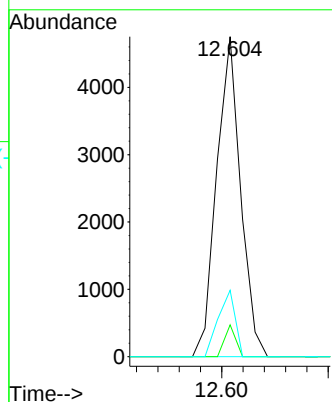


#75
Fluoranthene
Concen: 3.221 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Instrument :
BNA_F
ClientSampleId :
F0604S

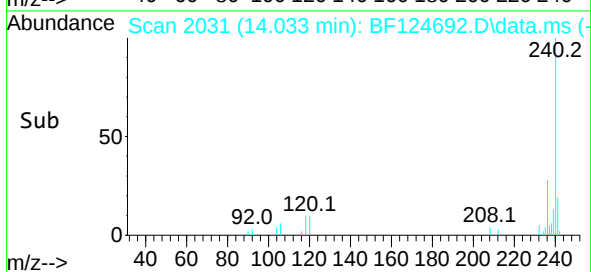
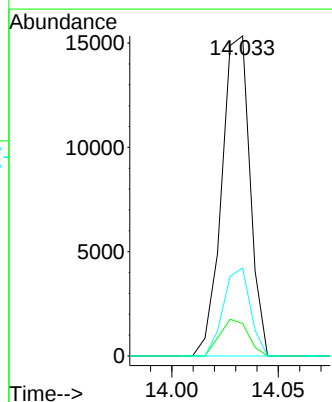
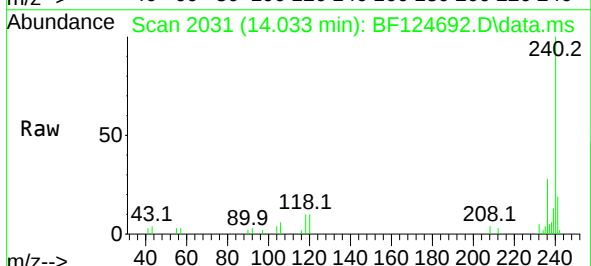


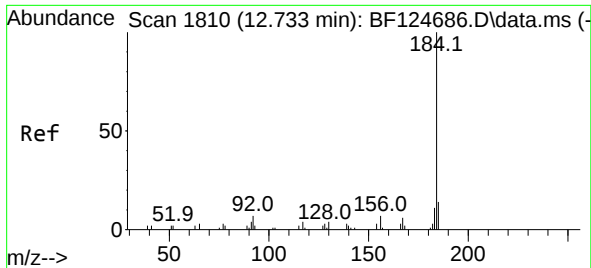
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	0.0	30.7
203	20.7	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	10.8	16.2
236	27.5	21.6	32.4

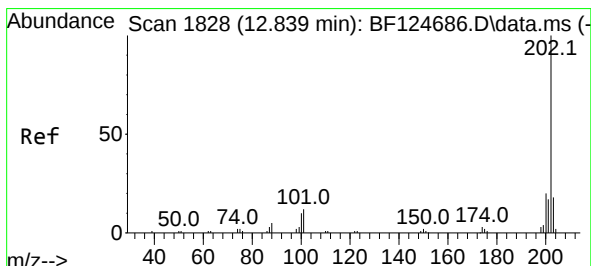
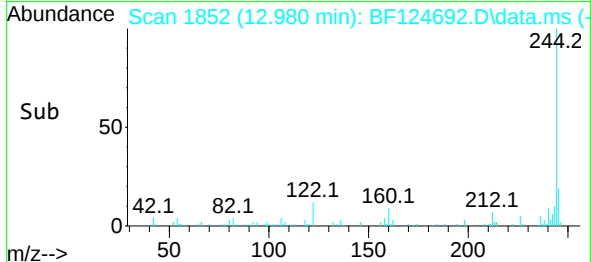
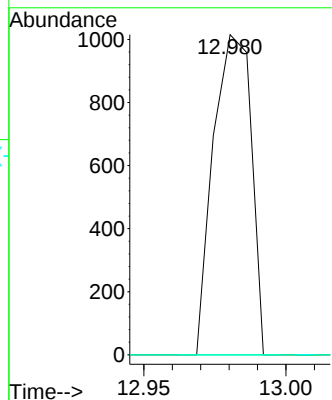
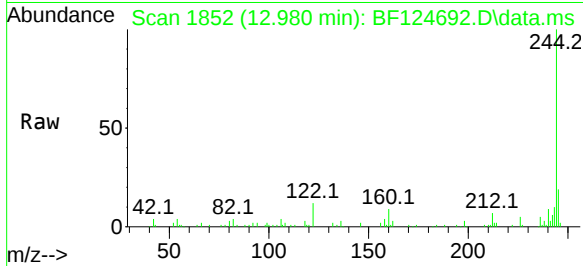




#77
Benzidine
Concen: 2.363 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

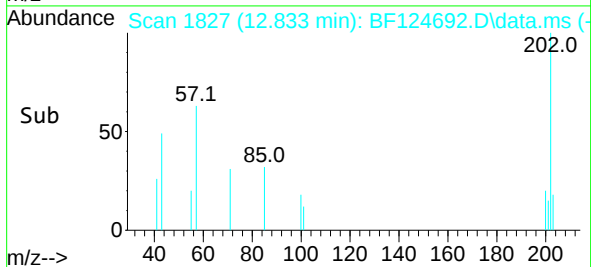
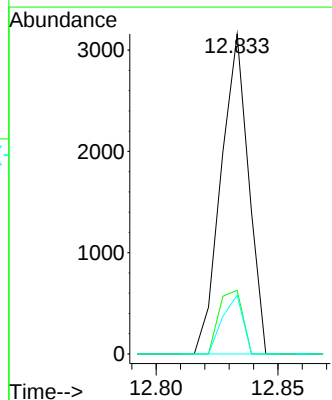
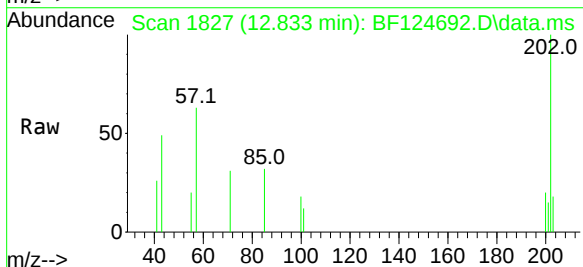
Instrument :
BNA_F
ClientSampleId :
F0604S

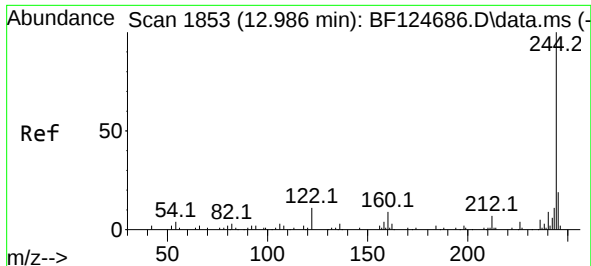
Tgt Ion:184 Resp: 942
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#78
Pyrene
Concen: 2.212 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF124692.D
Acq: 22 Jul 2021 16:40

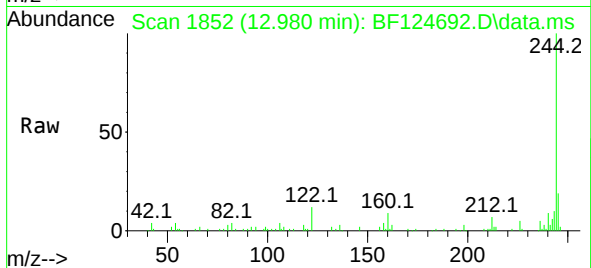
Tgt Ion:202 Resp: 2476
Ion Ratio Lower Upper
202 100
200 19.9 15.3 22.9
203 18.4 13.4 20.0



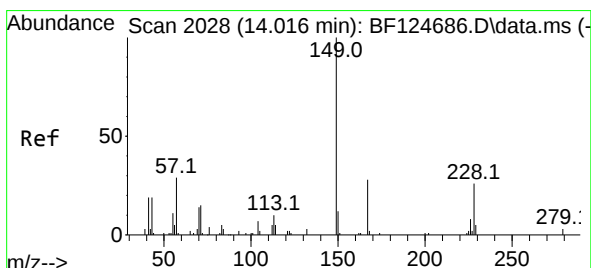
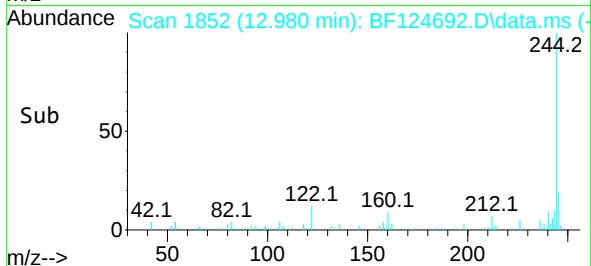
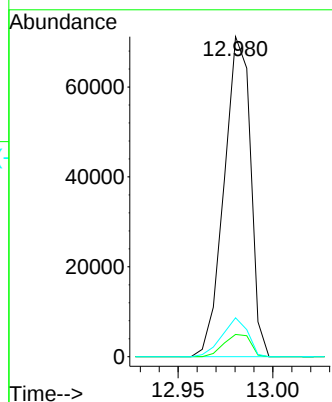


#79
 Terphenyl-d14
 Concen: 83.628 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124692.D
 Acq: 22 Jul 2021 16:40

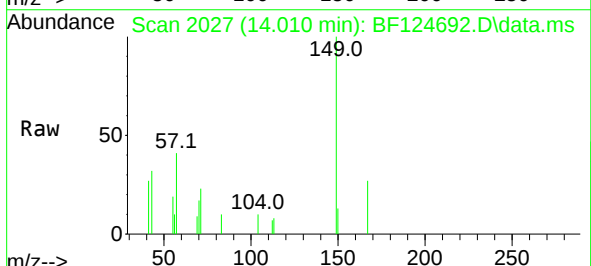
Instrument :
 BNA_F
 ClientSampleId :
 F0604S



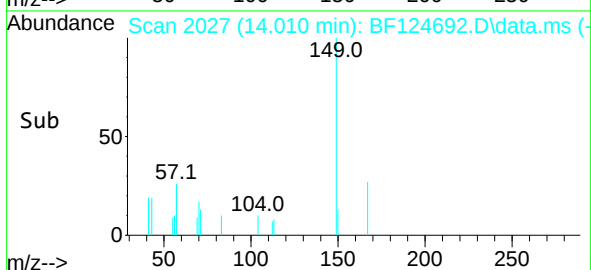
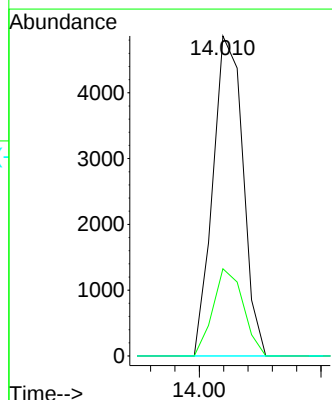
Tgt Ion:244 Resp: 68980
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.2 9.0 13.4

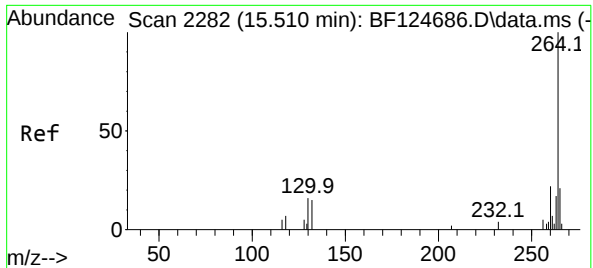


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.278 ng
 RT: 14.010 min Scan# 2027
 Delta R.T. -0.006 min
 Lab File: BF124692.D
 Acq: 22 Jul 2021 16:40



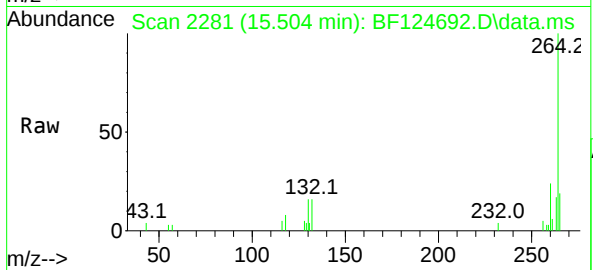
Tgt Ion:149 Resp: 4168
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.4 32.0
 279 0.0 2.6 4.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.006 min
 Lab File: BF124692.D
 Acq: 22 Jul 2021 16:40

Instrument :
 BNA_F
 ClientSampleId :
 F0604S



Tgt Ion:	264	Resp:	12259
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.6	29.4
265	18.8	17.2	25.8

