

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124874.D
 Acq On : 30 Jul 2021 13:58
 Operator : JU/CG
 Sample : M3215-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-1

Quant Time: Jul 30 14:53:53 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)

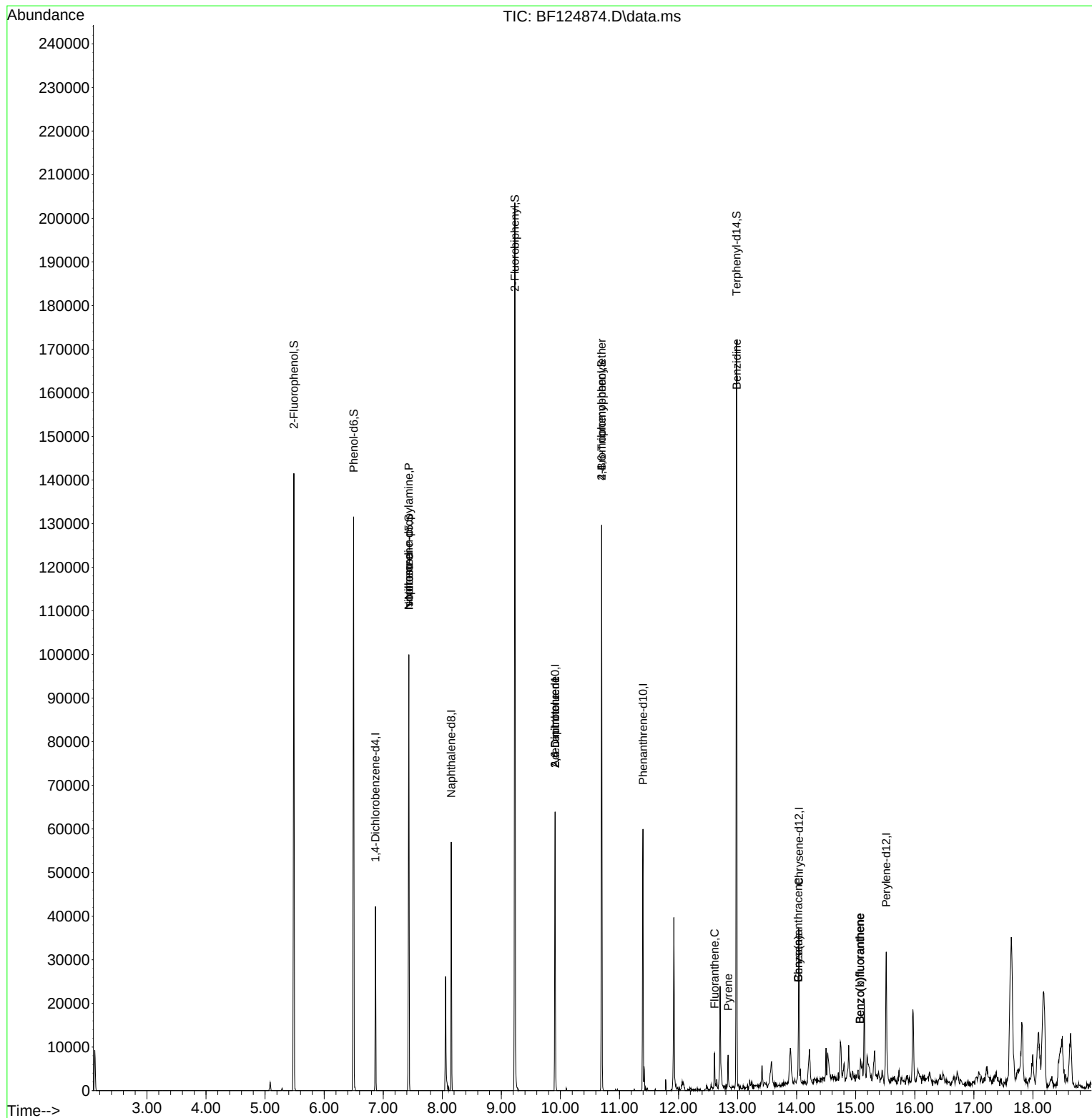
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5679	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	22112	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	13172	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	22473	20.000	ng	0.00
76) Chrysene-d12	14.039	240	14128	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	14273	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	34432	102.657	ng	0.00
7) Phenol-d6	6.498	99	41462	98.605	ng	0.00
23) Nitrobenzene-d5	7.434	82	28514	76.750	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	11980	105.929	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	60396	67.345	ng	0.00
79) Terphenyl-d14	12.980	244	59027	71.617	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	3639	16.207	ng	# 67
25) Isophorone	7.434	82	28513	43.404	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1684	8.404	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1684	6.193	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	846	3.550	ng	# 1
75) Fluoranthene	12.610	202	3932	3.188	ng	94
77) Benzidine	12.986	184	843	2.116	ng	# 69
78) Pyrene	12.839	202	3333	2.980	ng	97
81) Benzo(a)anthracene	14.027	228	2023	2.191	ng	97
83) Chrysene	14.027	228	2023	2.274	ng	99
88) Benzo(b)fluoranthene	15.074	252	3427	3.410	ng	# 83
89) Benzo(k)fluoranthene	15.074	252	3427	3.732	ng	# 89

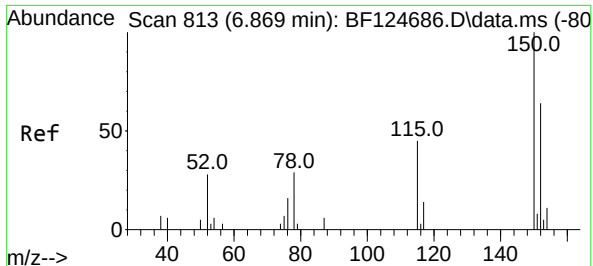
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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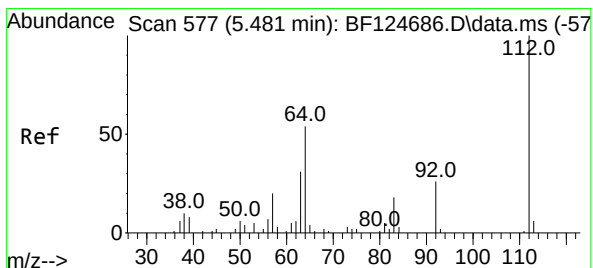
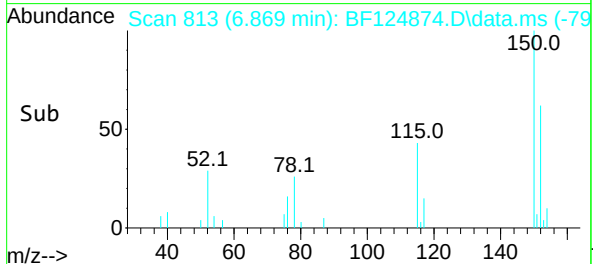
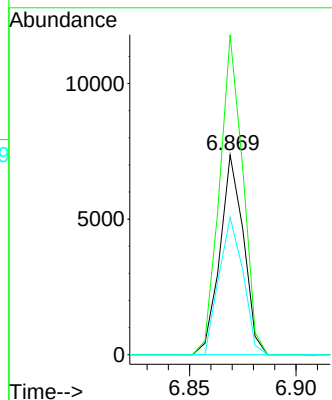
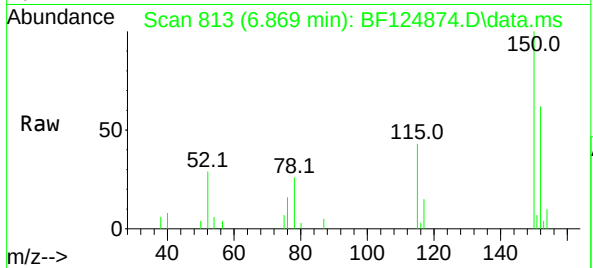




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

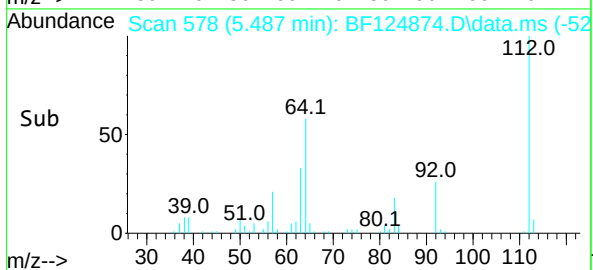
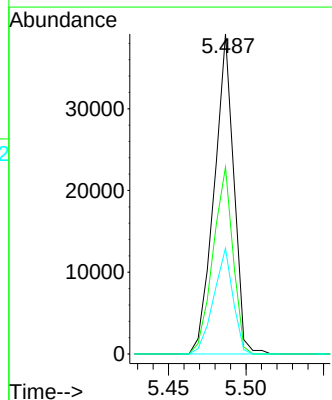
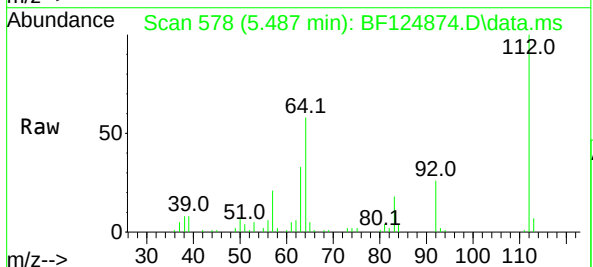
Instrument :
BNA_F
ClientSampled :
PS-1

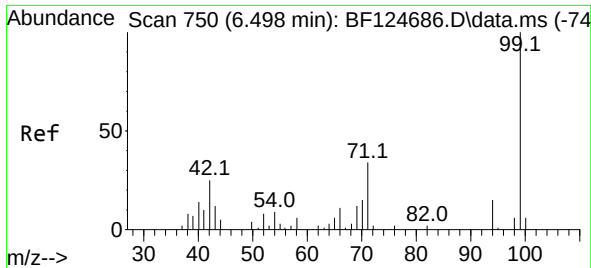
Tgt Ion:152 Resp: 5679
Ion Ratio Lower Upper
152 100
150 160.3 117.6 176.4
115 68.7 47.1 70.7



#5
2-Fluorophenol
Concen: 102.657 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Tgt Ion:112 Resp: 34432
Ion Ratio Lower Upper
112 100
64 58.4 44.2 66.2
63 33.1 26.2 39.2

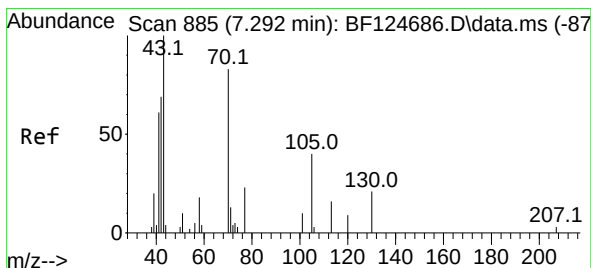
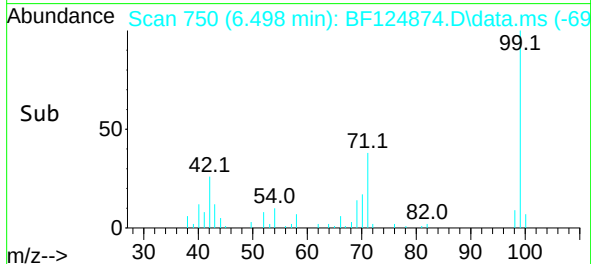
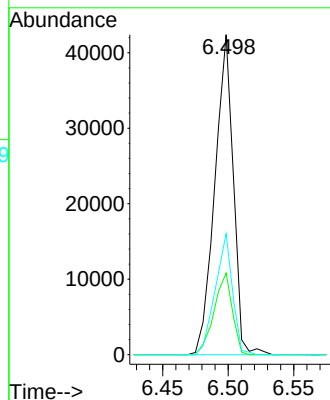
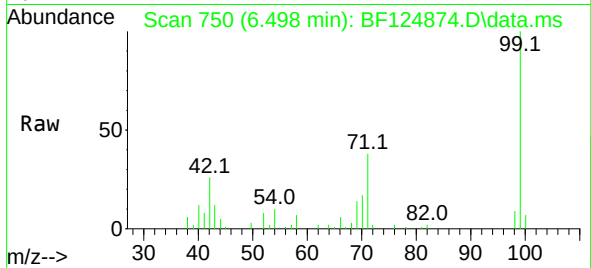




#7
Phenol-d6
Concen: 98.605 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

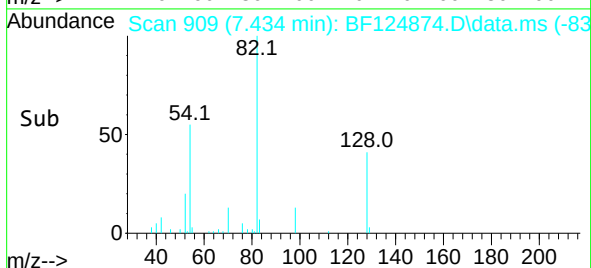
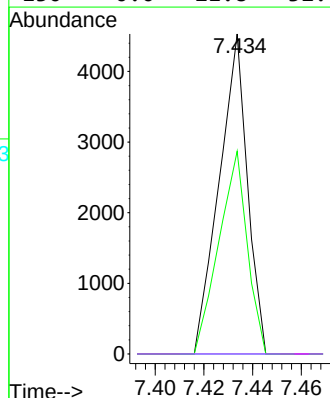
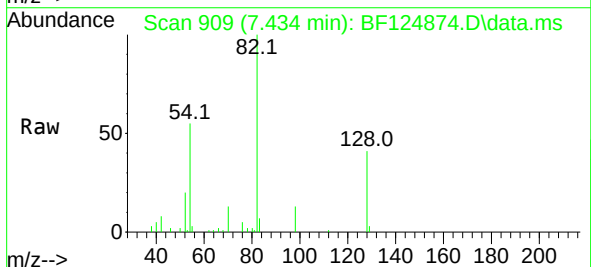
Instrument :
BNA_F
ClientSampled :
PS-1

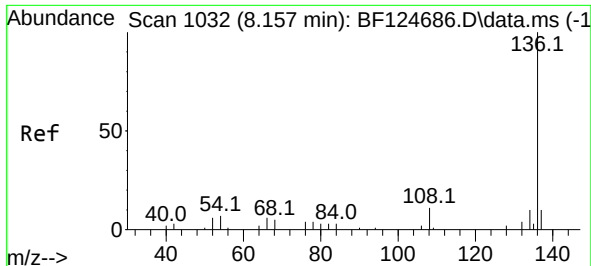
Tgt Ion:	99	Resp:	41462
Ion	Ratio	Lower	Upper
99	100		
42	25.6	23.5	35.3
71	37.9	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.207 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Tgt Ion:	70	Resp:	3639
Ion	Ratio	Lower	Upper
70	100		
42	63.4	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

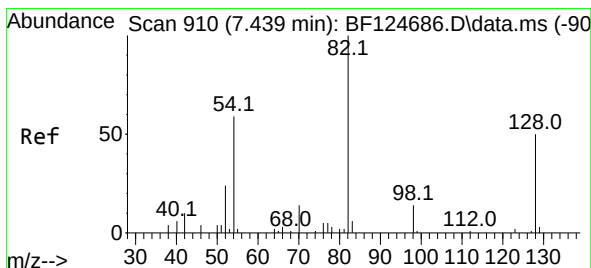
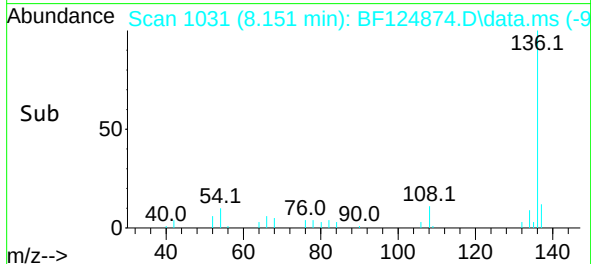
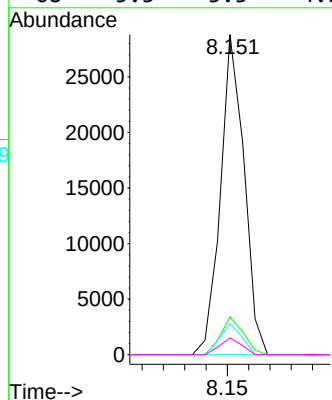
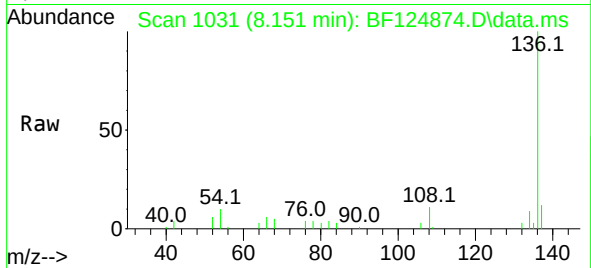




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

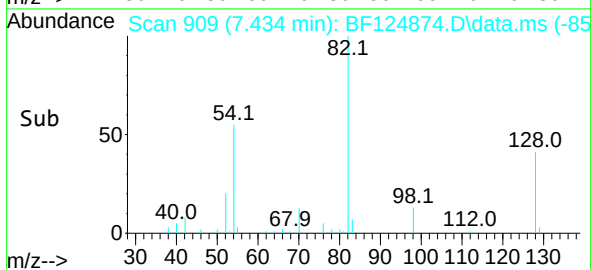
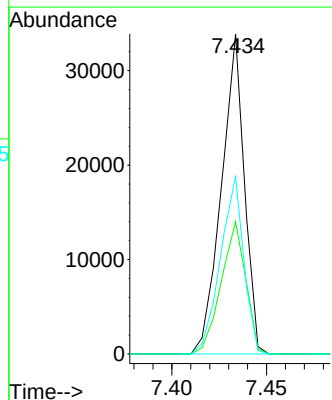
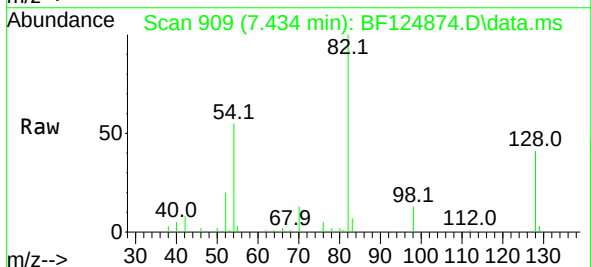
Instrument :
BNA_F
ClientSampled :
PS-1

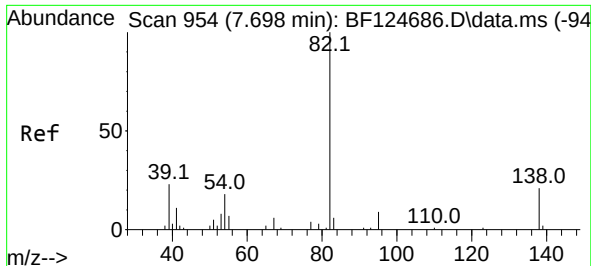
Tgt Ion:	136	Resp:	22112
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.8	14.6
54	9.7	6.4	9.6#
68	5.3	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 76.750 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Tgt Ion:	82	Resp:	28514
Ion Ratio	Lower	Upper	
82	100		
128	41.3	40.6	60.8
54	55.3	49.6	74.4

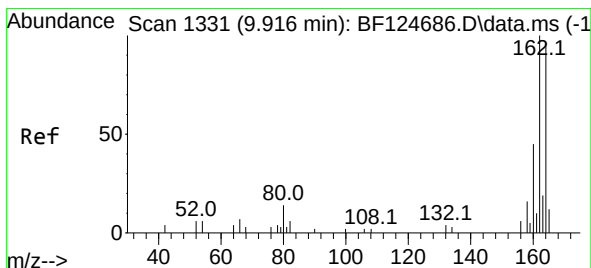
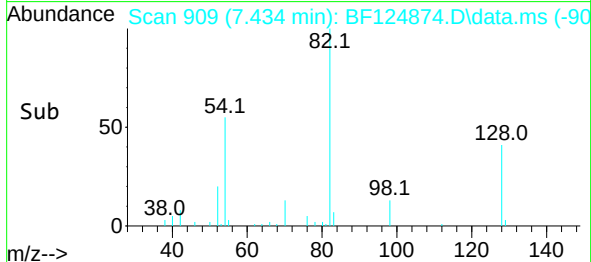
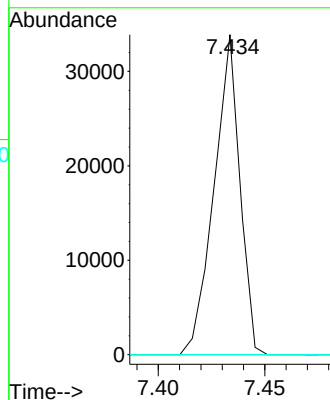
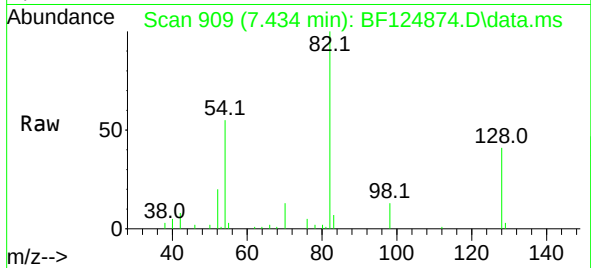




#25
Isophorone
Concen: 43.404 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

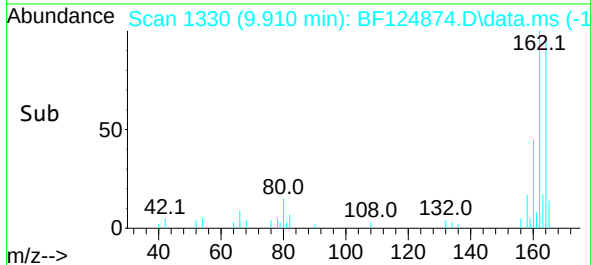
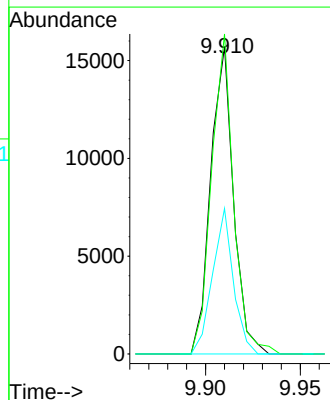
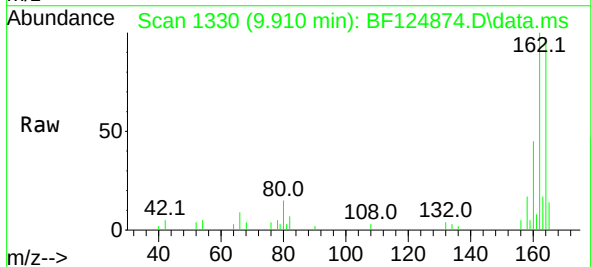
Instrument :
BNA_F
ClientSampleId :
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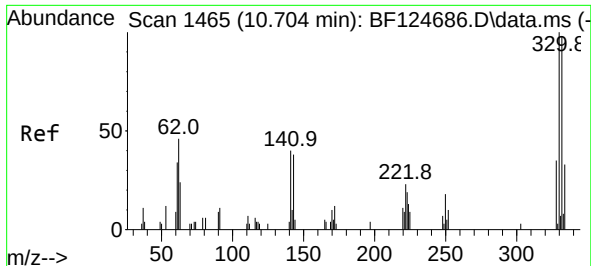
Tgt Ion: 82 Resp: 28513
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

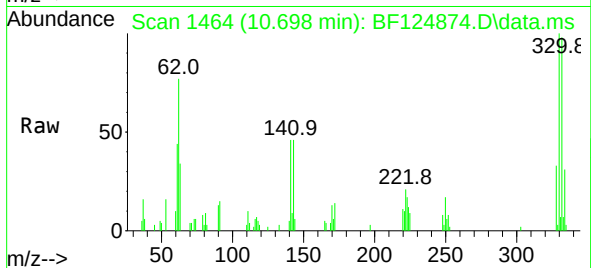
Tgt Ion:164 Resp: 13172
Ion Ratio Lower Upper
164 100
162 104.2 81.3 121.9
160 47.4 38.0 57.0



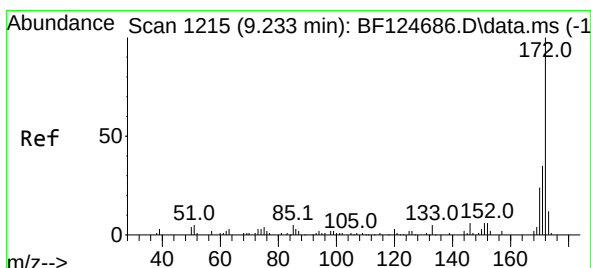
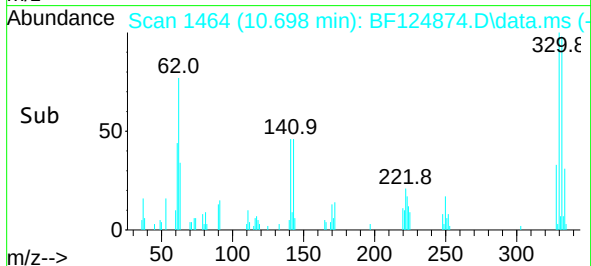
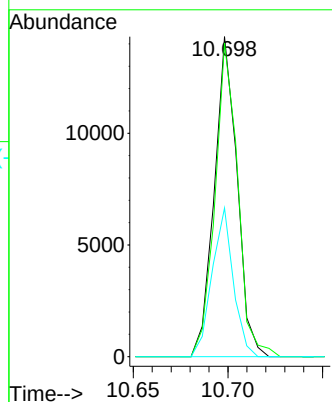


#42
2,4,6-Tribromophenol
Concen: 105.929 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Instrument :
BNA_F
ClientSampled :
PS-1

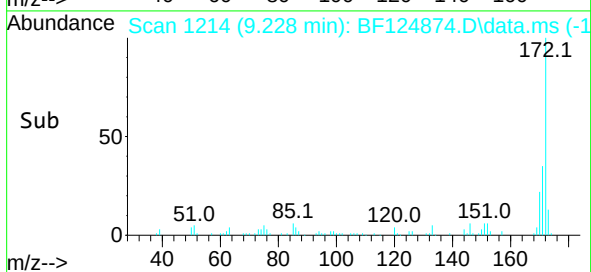
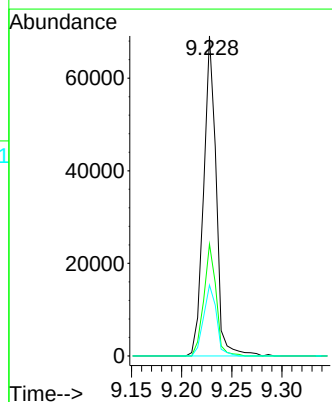
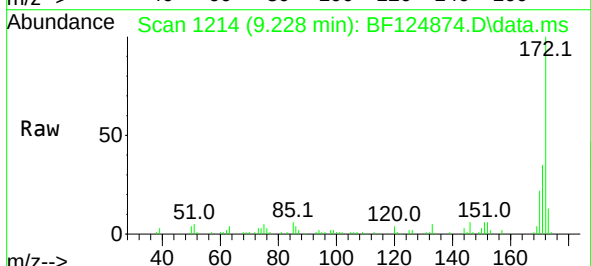


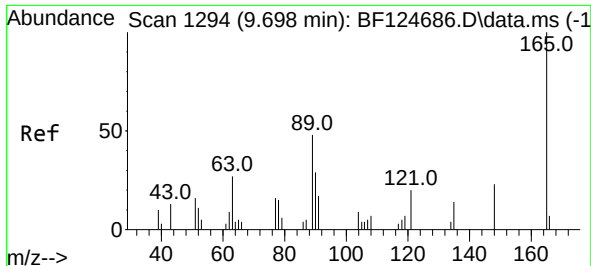
Tgt Ion: 330 Resp: 11980
Ion Ratio Lower Upper
330 100
332 97.9 76.2 114.4
141 43.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 67.345 ng
RT: 9.228 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Tgt Ion: 172 Resp: 60396
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 22.2 18.8 28.2

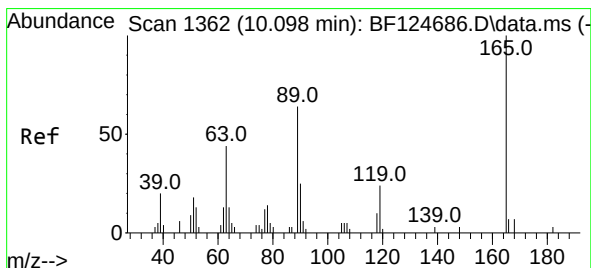
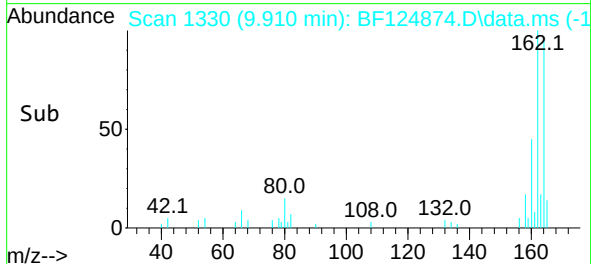
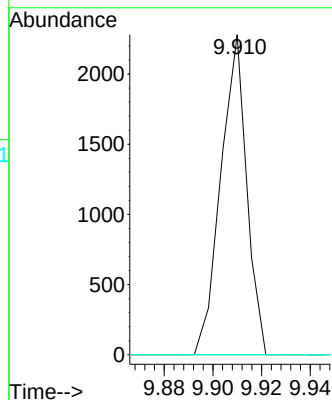
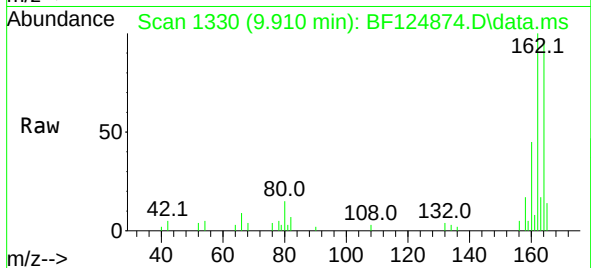




#51
2,6-Dinitrotoluene
Concen: 8.404 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

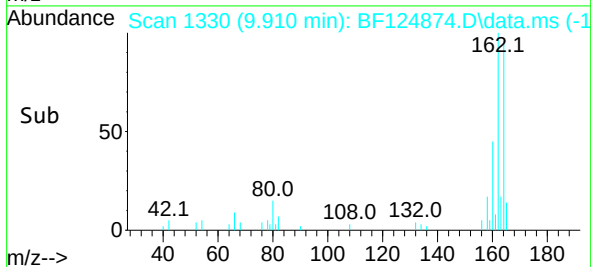
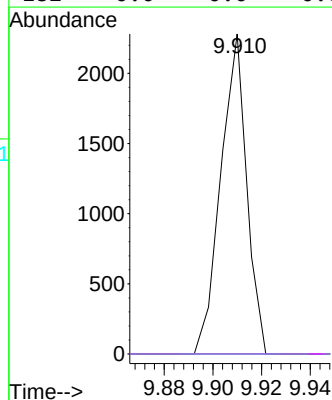
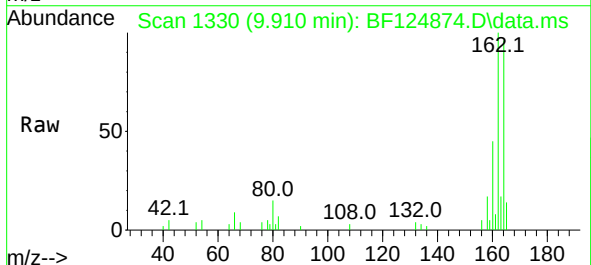
Instrument :
BNA_F
ClientSampled :
PS-1

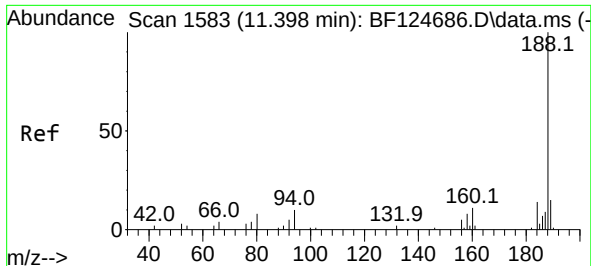
Tgt Ion:165 Resp: 1684
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.193 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124874.D
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Tgt Ion:165 Resp: 1684
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

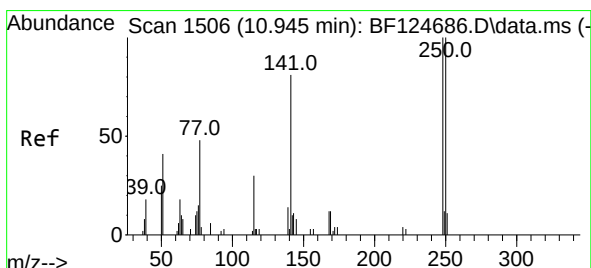
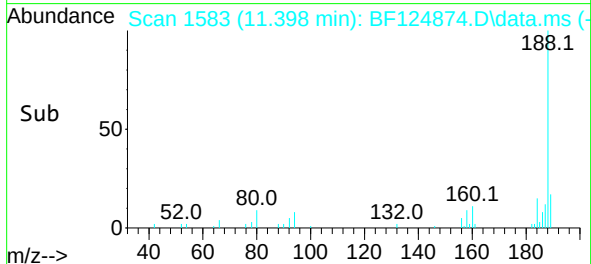
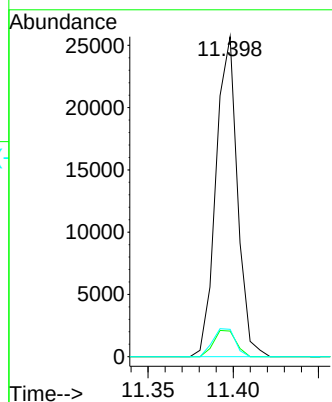
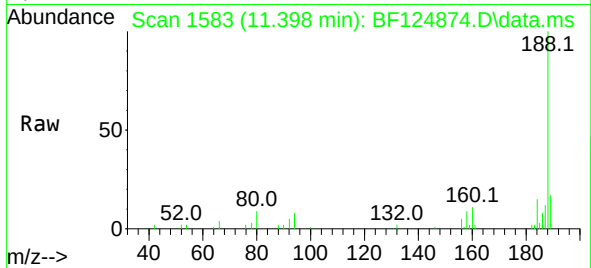




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

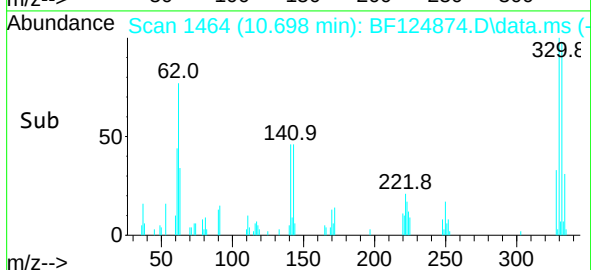
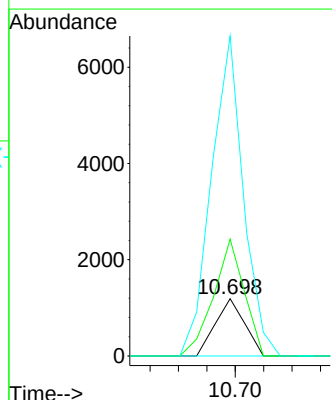
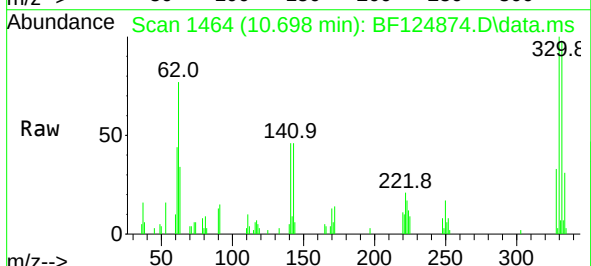
Instrument :
BNA_F
ClientSampled :
PS-1

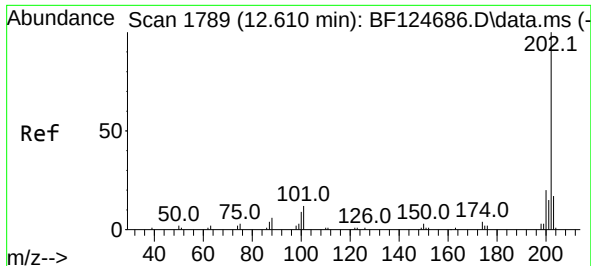
Tgt Ion:188 Resp: 22473
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.5 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.550 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Tgt Ion:248 Resp: 846
Ion Ratio Lower Upper
248 100
250 203.9 74.2 111.4#
141 558.4 60.4 90.6#

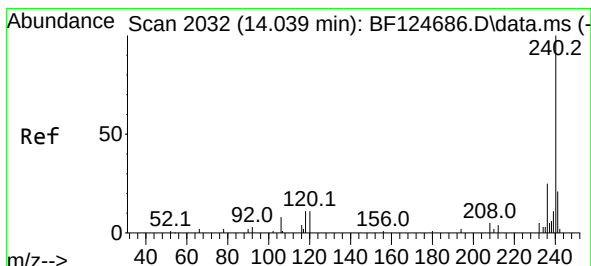
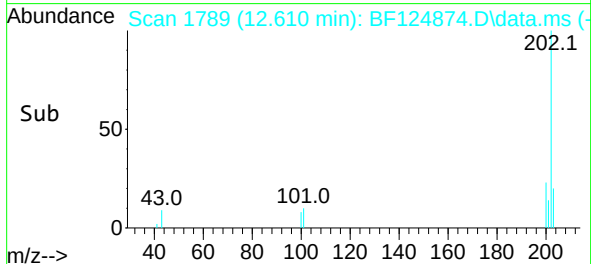
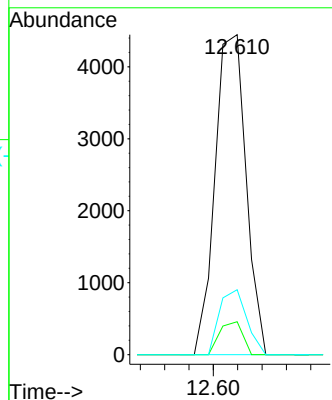
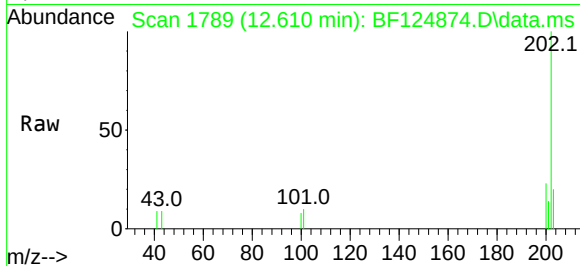




#75
Fluoranthene
Concen: 3.188 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

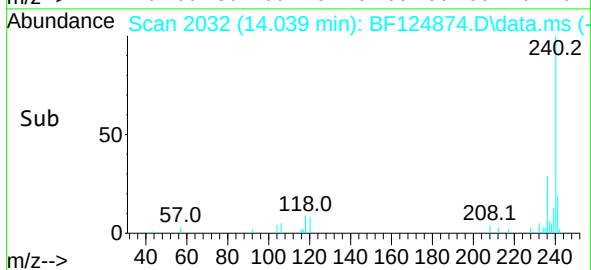
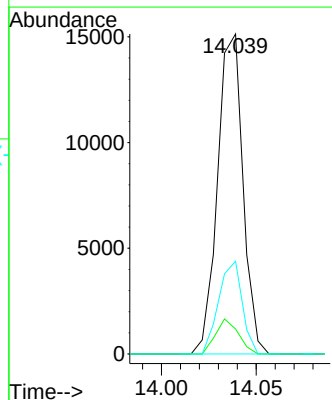
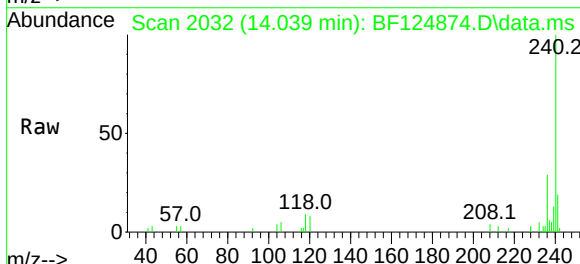
Instrument :
BNA_F
ClientSampled :
PS-1

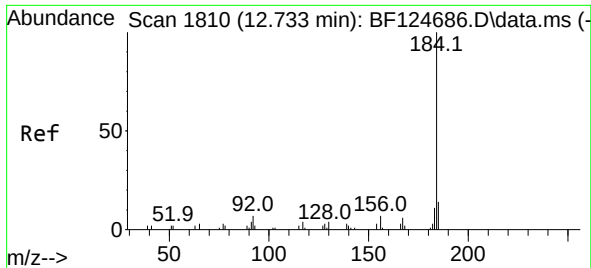
Tgt Ion:	202	Resp:	3932
Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.7
203	20.3	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Tgt Ion:	240	Resp:	14128
Ion	Ratio	Lower	Upper
240	100		
120	7.8	10.8	16.2#
236	29.0	21.6	32.4

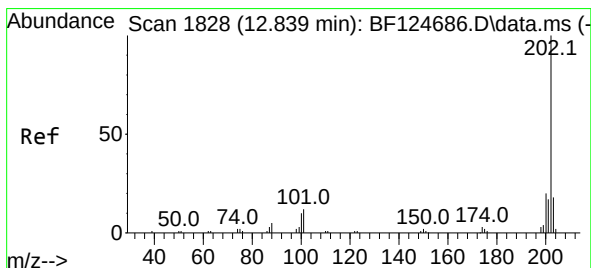
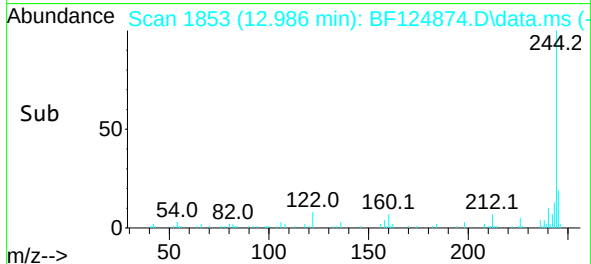
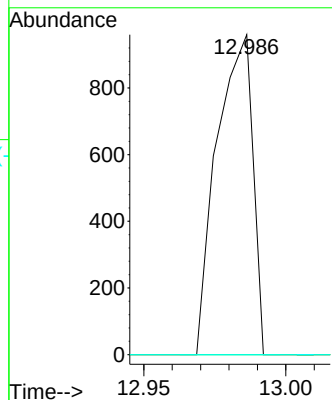
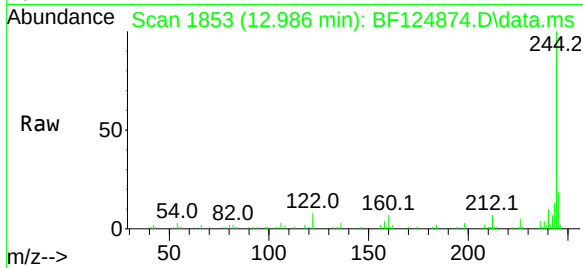




#77
Benzidine
Concen: 2.116 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

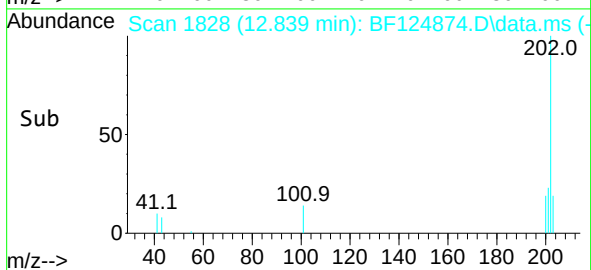
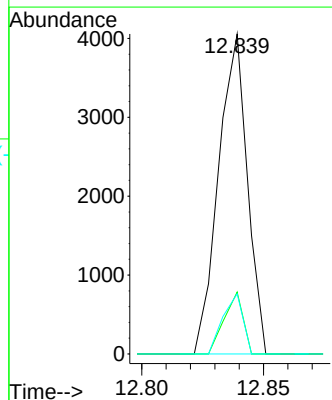
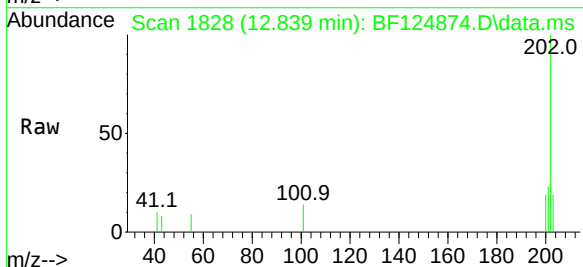
Instrument :
BNA_F
ClientSampled :
PS-1

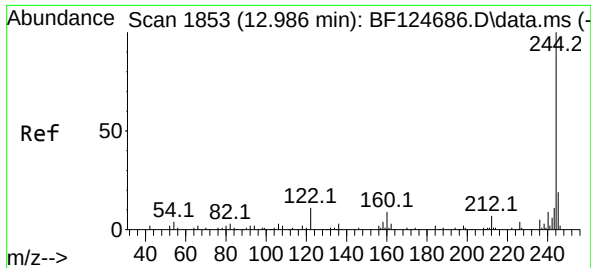
Tgt Ion:184 Resp: 843
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#78
Pyrene
Concen: 2.980 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

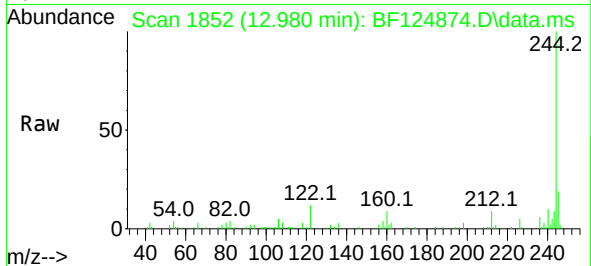
Tgt Ion:202 Resp: 3333
Ion Ratio Lower Upper
202 100
200 19.3 15.3 22.9
203 18.8 13.4 20.0



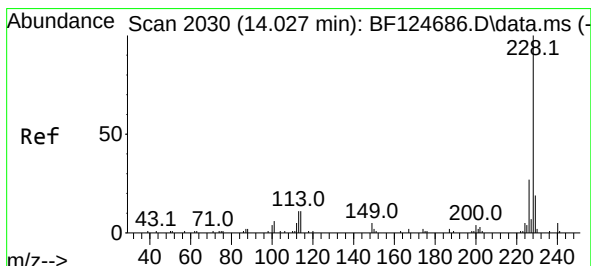
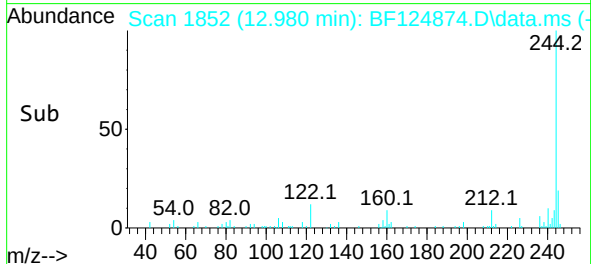
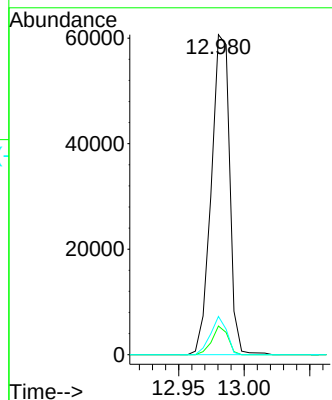


#79
 Terphenyl-d14
 Concen: 71.617 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124874.D
 Acq: 30 Jul 2021 13:58

Instrument :
 BNA_F
 ClientSampled :
 PS-1

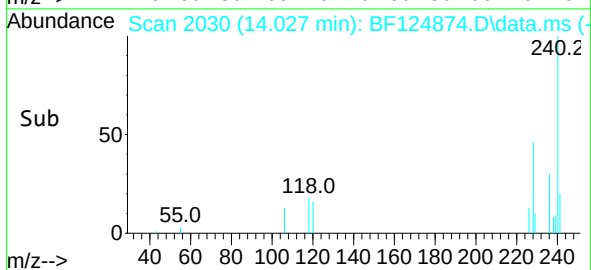
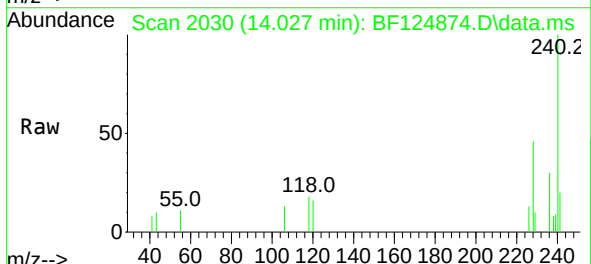
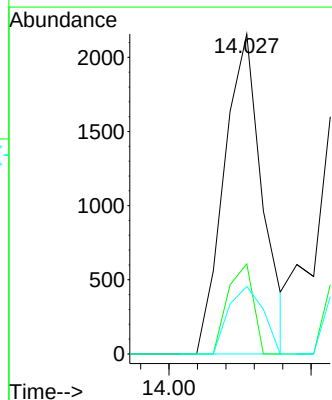


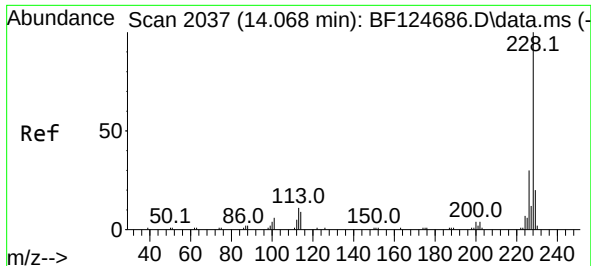
Tgt Ion:244 Resp: 59027
 Ion Ratio Lower Upper
 244 100
 212 8.9 5.9 8.9#
 122 11.9 9.0 13.4



#81
 Benzo(a)anthracene
 Concen: 2.191 ng
 RT: 14.027 min Scan# 2030
 Delta R.T. 0.000 min
 Lab File: BF124874.D
 Acq: 30 Jul 2021 13:58

Tgt Ion:228 Resp: 2023
 Ion Ratio Lower Upper
 228 100
 226 28.1 21.6 32.4
 229 21.1 15.6 23.4

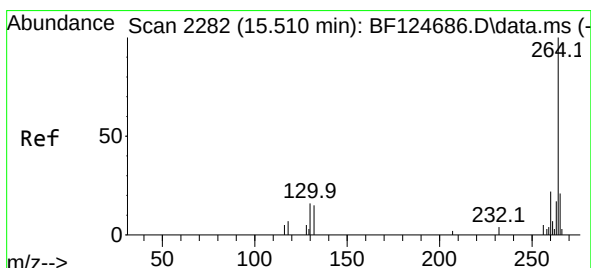
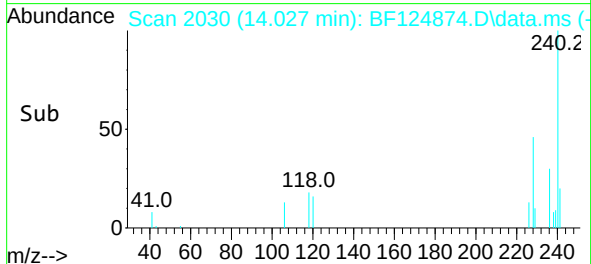
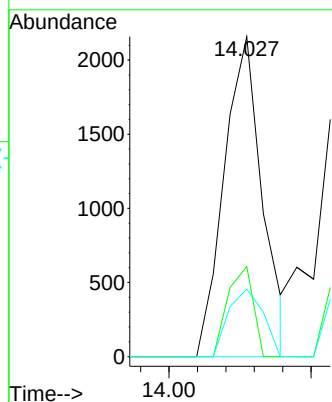
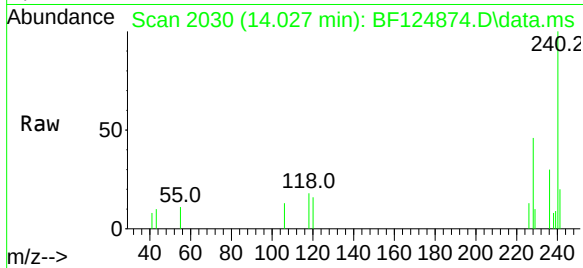




#83
Chrysene
Concen: 2.274 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.041 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

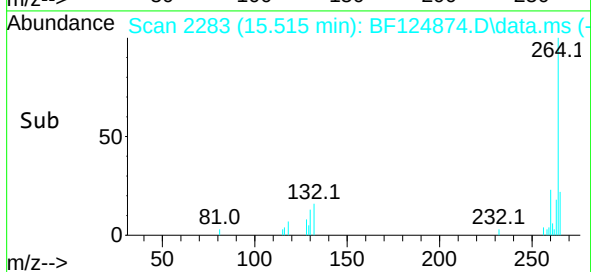
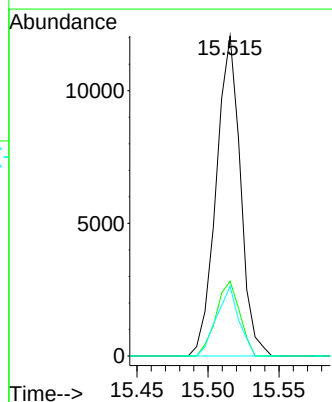
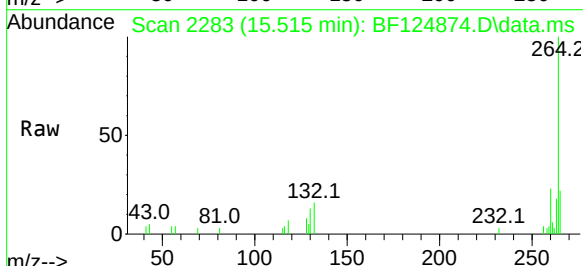
Instrument :
BNA_F
ClientSampled :
PS-1

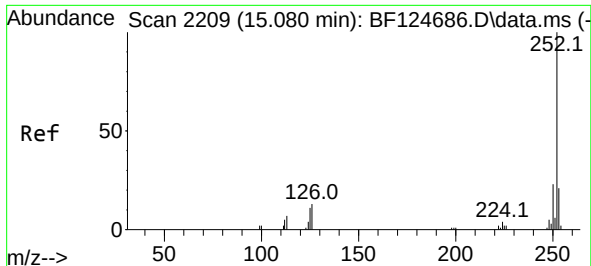
Tgt Ion:228	Resp:	2023
Ion Ratio	Lower	Upper
228	100	
226	28.1	22.6 34.0
229	21.1	15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Tgt Ion:264	Resp:	14273
Ion Ratio	Lower	Upper
264	100	
260	23.4	19.6 29.4
265	21.8	17.2 25.8

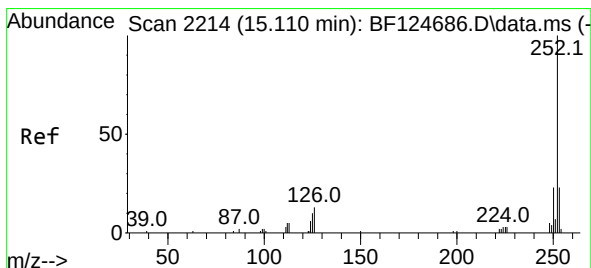
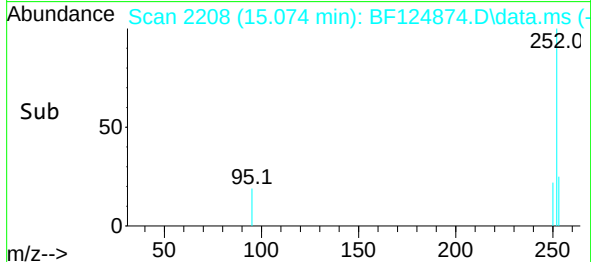
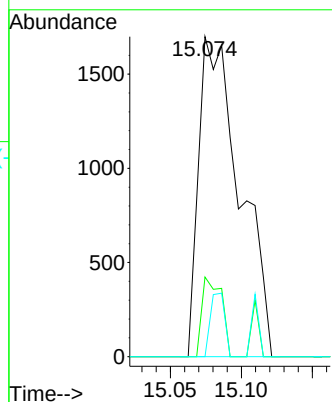
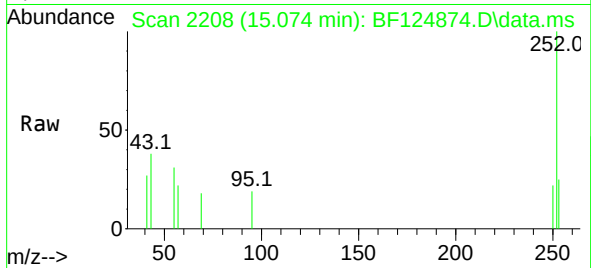




#88
Benzo(b)fluoranthene
Concen: 3.410 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.006 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Instrument :
BNA_F
ClientSampled :
PS-1

Tgt Ion:252 Resp: 3427
Ion Ratio Lower Upper
252 100
253 24.9 16.8 25.2
125 0.0 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 3.732 ng
RT: 15.074 min Scan# 2208
Delta R.T. -0.035 min
Lab File: BF124874.D
Acq: 30 Jul 2021 13:58

Tgt Ion:252 Resp: 3427
Ion Ratio Lower Upper
252 100
253 24.9 17.8 26.8
125 0.0 7.2 10.8#

