

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF073021\
 Data File : BF124875.D
 Acq On : 30 Jul 2021 14:32
 Operator : JU/CG
 Sample : M3215-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-2

Quant Time: Jul 30 15:07:16 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)

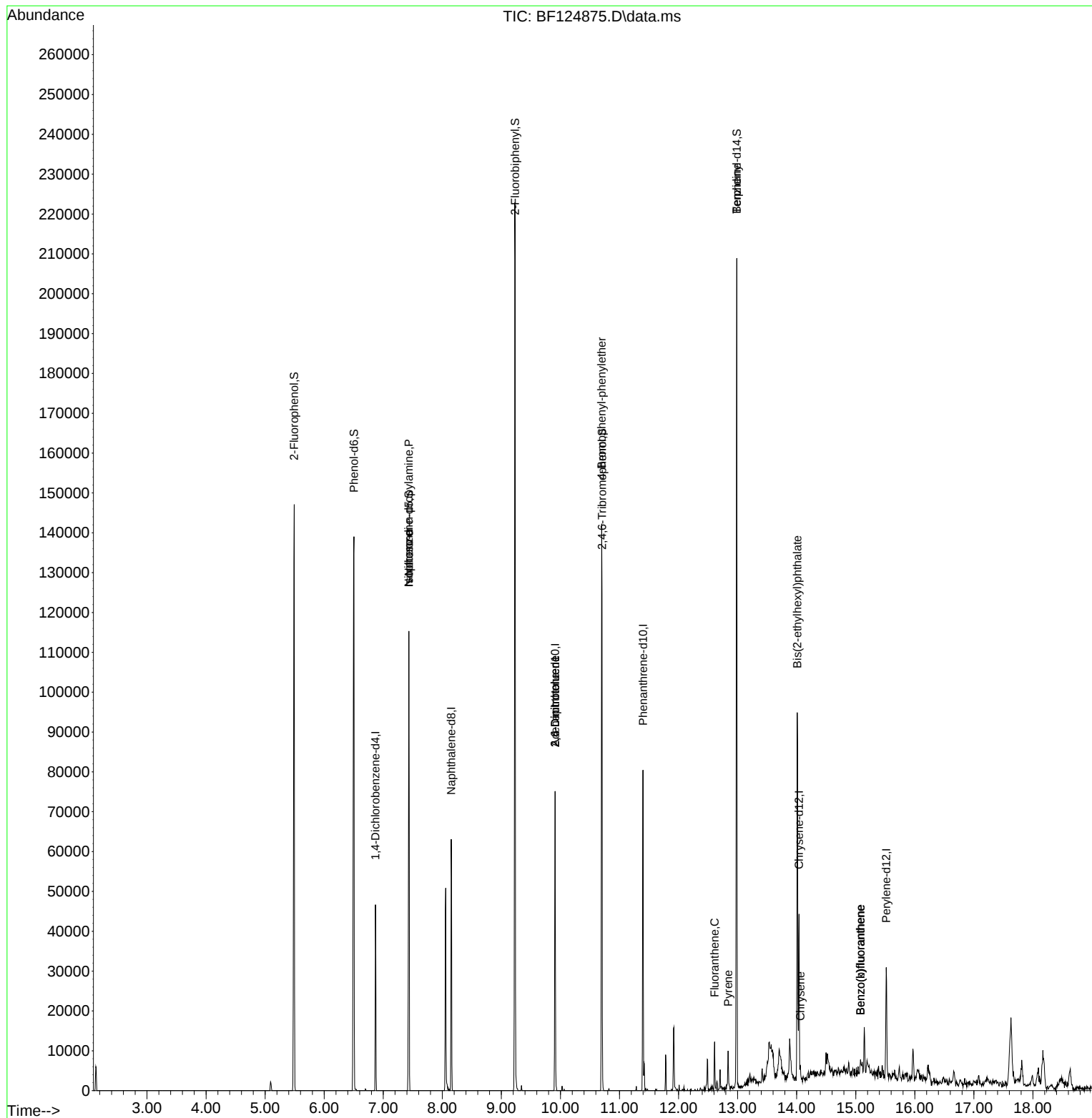
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6698	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	26792	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	15842	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	28399	20.000	ng	0.00
76) Chrysene-d12	14.039	240	15392	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	14269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	39744	100.467	ng	0.01
7) Phenol-d6	6.504	99	51112	103.062	ng	0.00
23) Nitrobenzene-d5	7.434	82	34786	77.276	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	15205	111.786	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	73634	68.268	ng	0.00
79) Terphenyl-d14	12.986	244	66208	73.733	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	4475	16.898	ng	# 72
25) Isophorone	7.434	82	34797	43.717	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1961	8.137	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1961	5.996	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1100	3.652	ng	# 1
75) Fluoranthene	12.610	202	5427	3.482	ng	94
77) Benzidine	12.986	184	1018	2.345	ng	# 69
78) Pyrene	12.839	202	4255	3.492	ng	95
83) Chrysene	14.062	228	1969	2.031	ng	93
84) Bis(2-ethylhexyl)phtha...	14.010	149	25692	29.886	ng	98
88) Benzo(b)fluoranthene	15.080	252	3102	3.088	ng	# 84
89) Benzo(k)fluoranthene	15.080	252	3102	3.379	ng	# 84

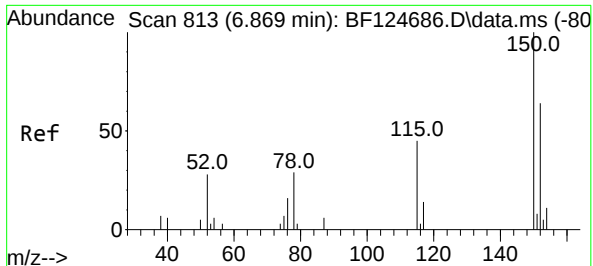
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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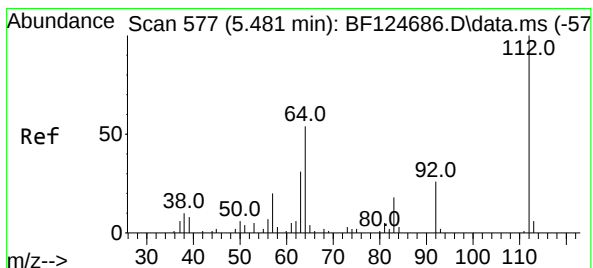
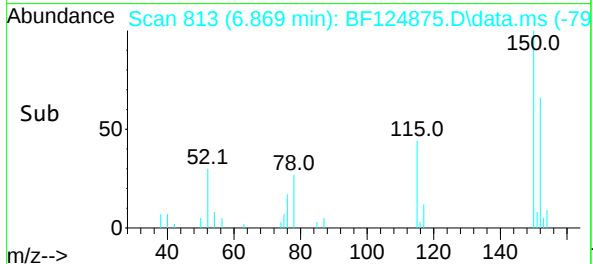
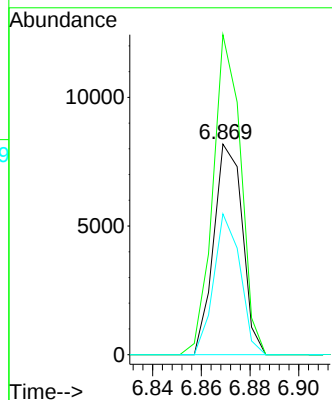
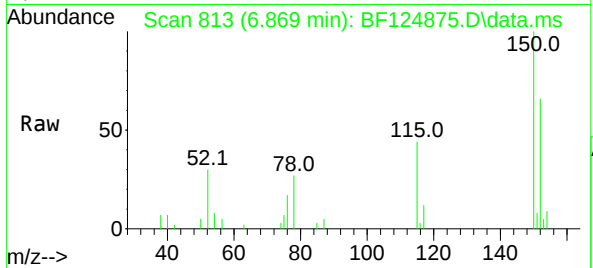




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

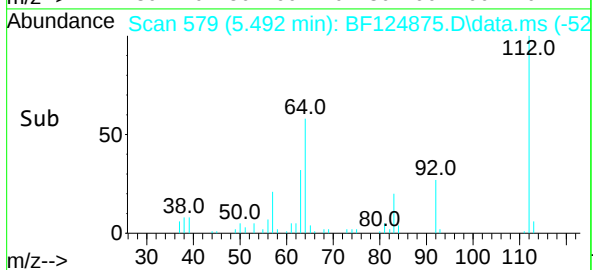
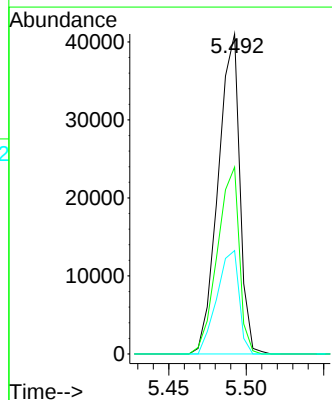
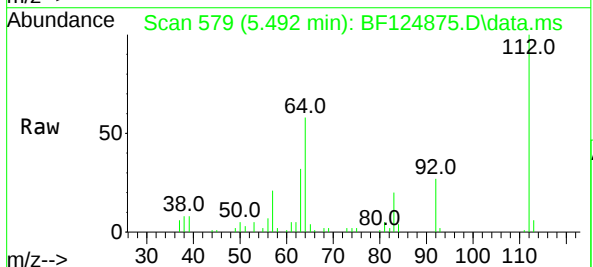
Instrument :
BNA_F
ClientSampleId :
PS-2

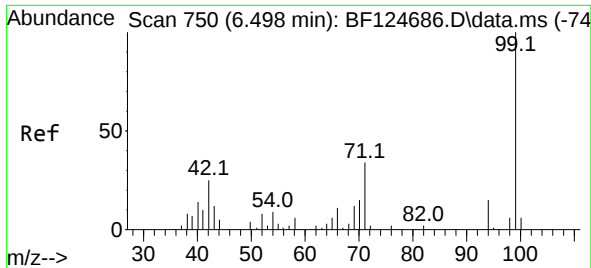
Tgt Ion:152 Resp: 6698
Ion Ratio Lower Upper
152 100
150 152.0 117.6 176.4
115 66.9 47.1 70.7



#5
2-Fluorophenol
Concen: 100.467 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

Tgt Ion:112 Resp: 39744
Ion Ratio Lower Upper
112 100
64 58.4 44.2 66.2
63 32.3 26.2 39.2

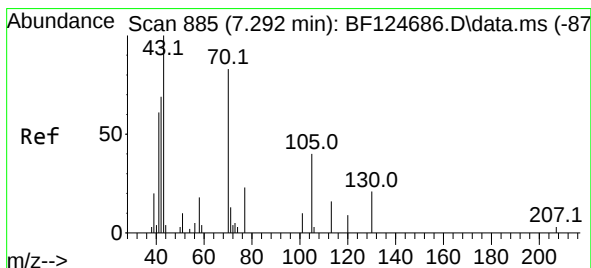
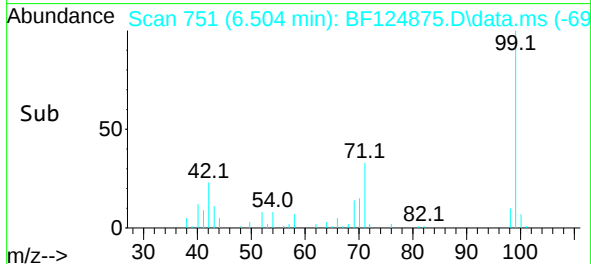
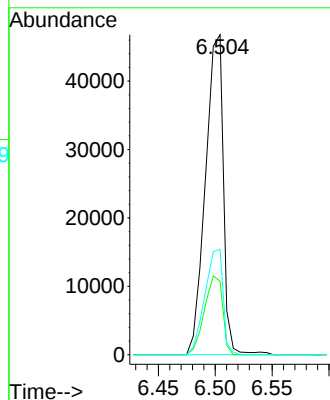
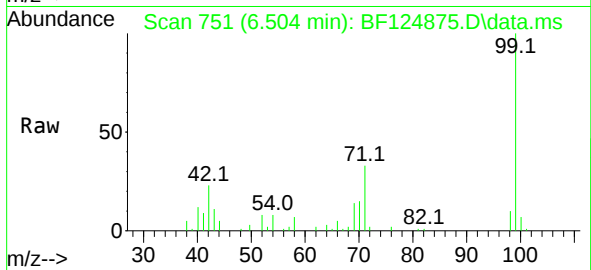




#7
Phenol-d6
Concen: 103.062 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

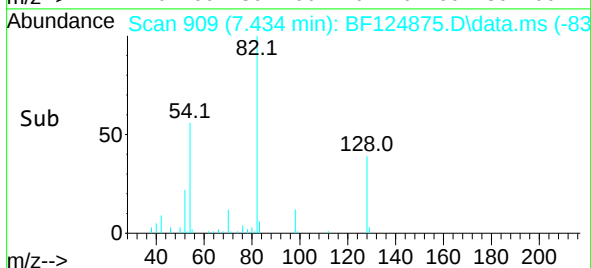
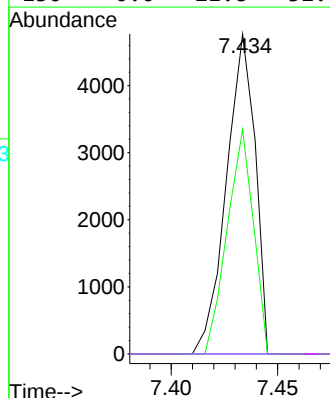
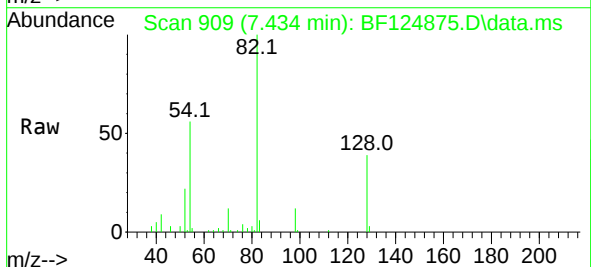
Instrument :
BNA_F
ClientSampleId :
PS-2

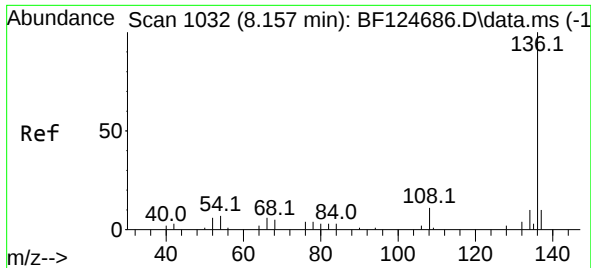
Tgt Ion: 99 Resp: 51112
Ion Ratio Lower Upper
99 100
42 23.0 23.5 35.3#
71 32.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.898 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

Tgt Ion: 70 Resp: 4475
Ion Ratio Lower Upper
70 100
42 70.2 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

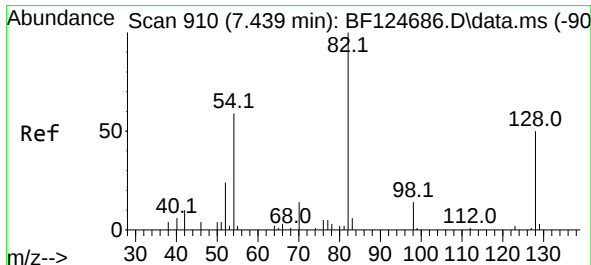
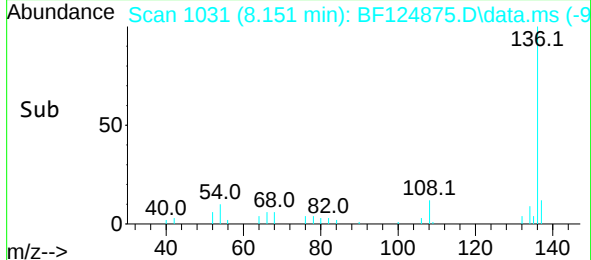
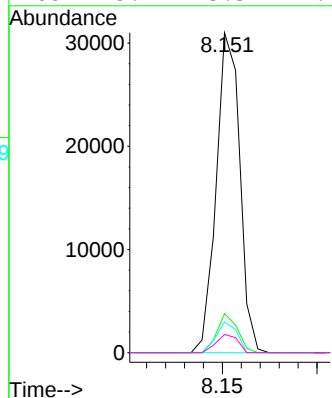
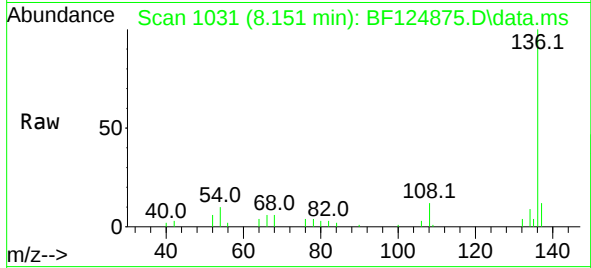




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

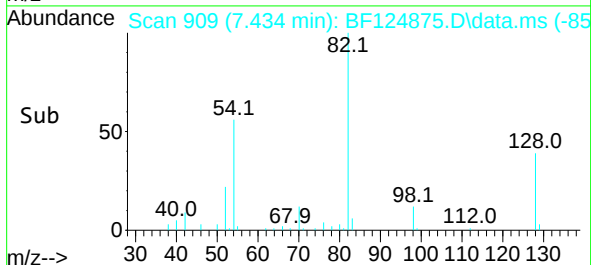
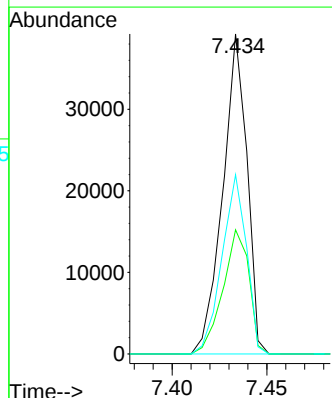
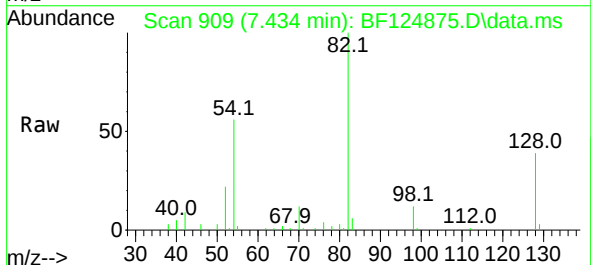
Instrument :
BNA_F
ClientSampleId :
PS-2

Tgt Ion:	136	Resp:	26792
Ion Ratio	Lower	Upper	
136	100		
137	12.2	9.8	14.6
54	9.6	6.4	9.6#
68	5.7	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 77.276 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

Tgt Ion:	82	Resp:	34786
Ion Ratio	Lower	Upper	
82	100		
128	38.8	40.6	60.8#
54	56.0	49.6	74.4

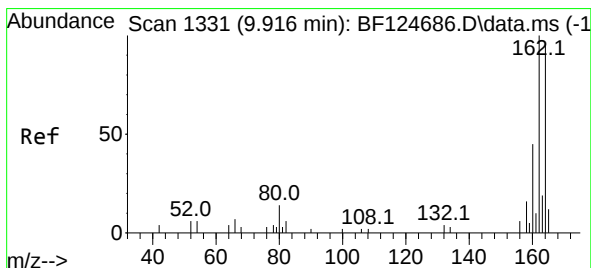
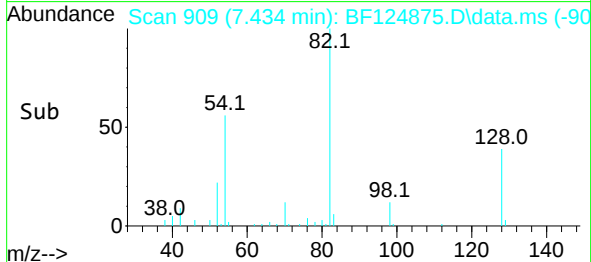
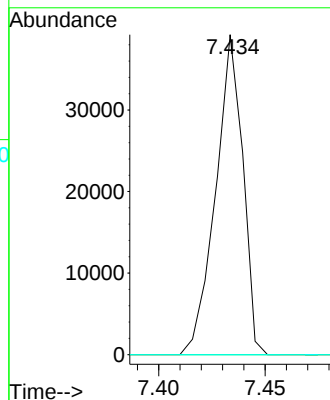
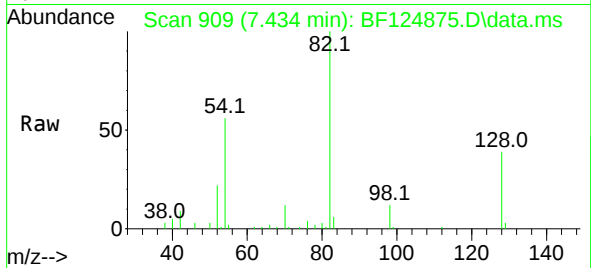




#25
Isophorone
Concen: 43.717 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

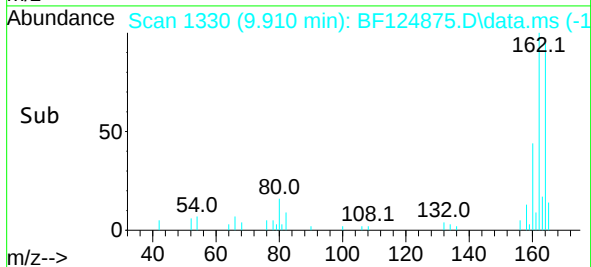
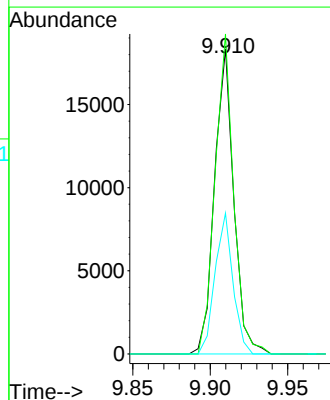
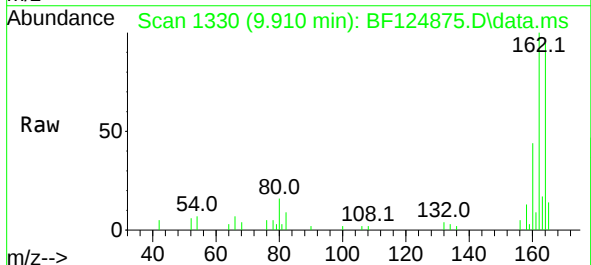
Instrument :
BNA_F
ClientSampleId :
PS-2

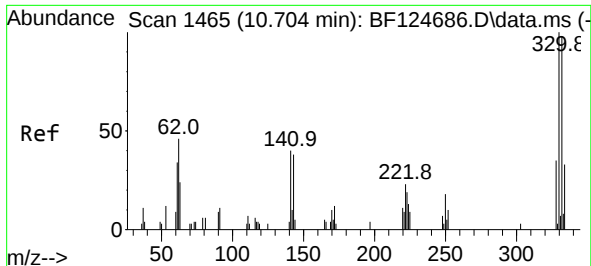
Tgt Ion: 82 Resp: 34797
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

Tgt Ion: 164 Resp: 15842
Ion Ratio Lower Upper
164 100
162 104.9 81.3 121.9
160 46.1 38.0 57.0

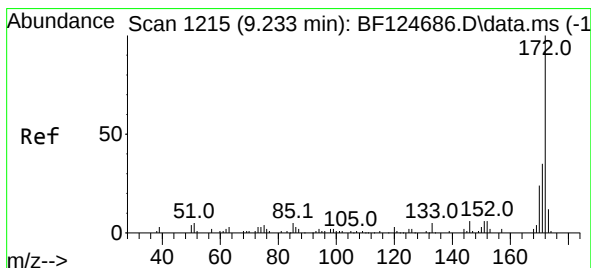
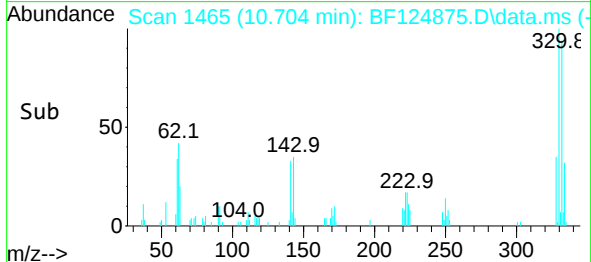
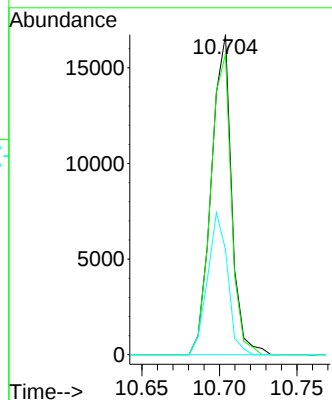
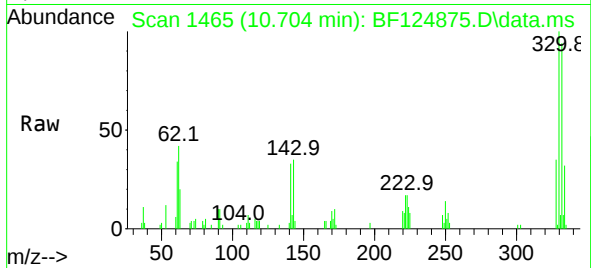




#42
2,4,6-Tribromophenol
Concen: 111.786 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

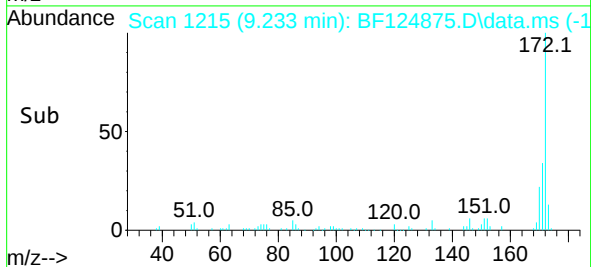
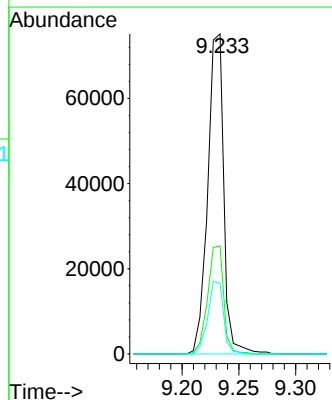
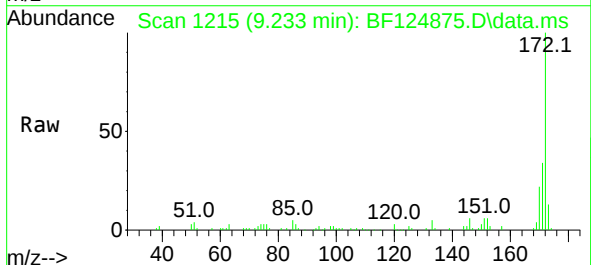
Instrument :
BNA_F
ClientSampled :
PS-2

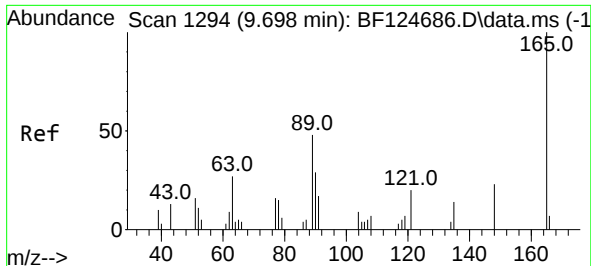
Tgt Ion: 330 Resp: 15205
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 44.0 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 68.268 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

Tgt Ion: 172 Resp: 73634
Ion Ratio Lower Upper
172 100
171 33.8 26.5 39.7
170 22.1 18.8 28.2

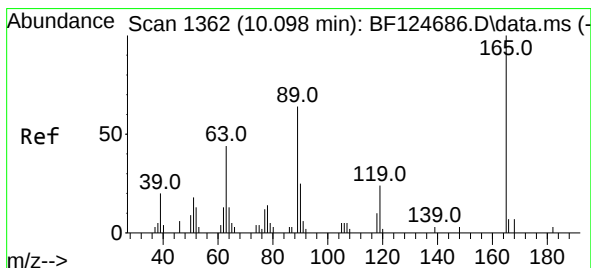
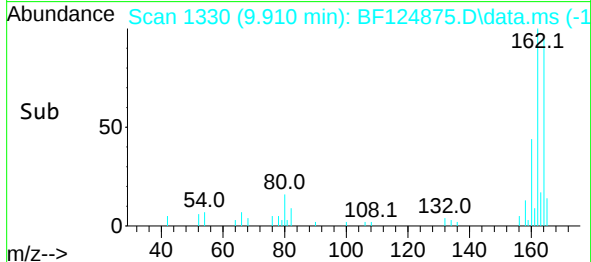
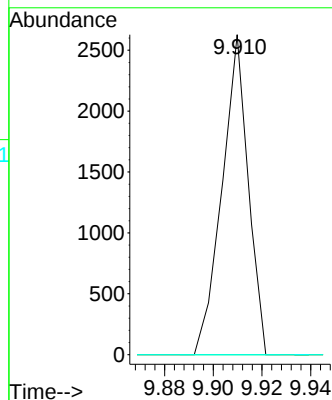
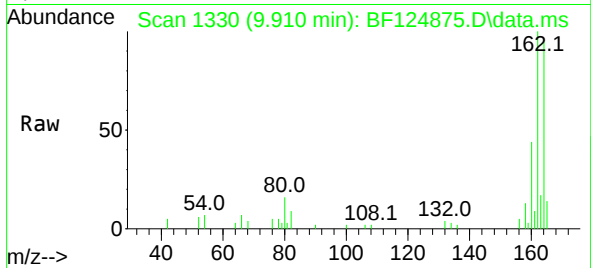




#51
2,6-Dinitrotoluene
Concen: 8.137 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

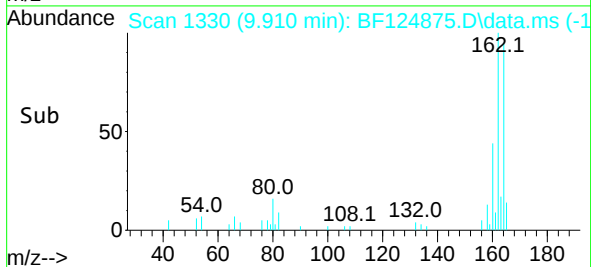
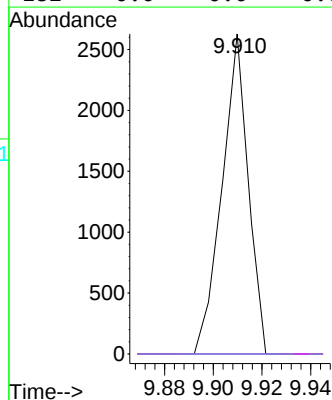
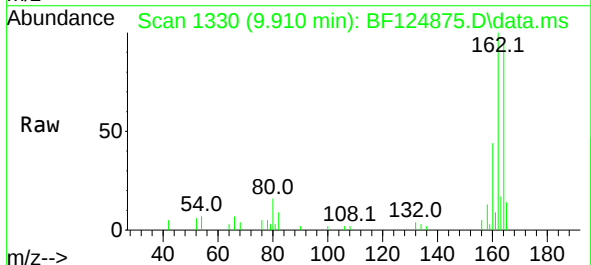
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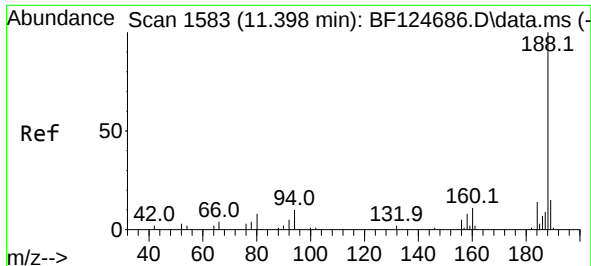
Tgt Ion:165 Resp: 1961
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.996 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

Tgt Ion:165 Resp: 1961
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

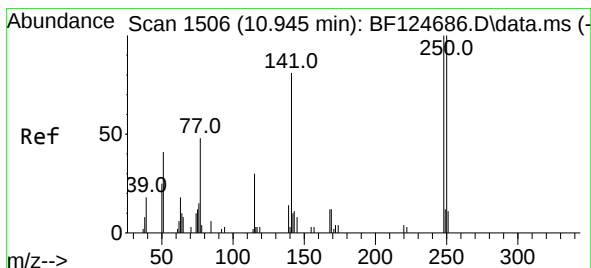
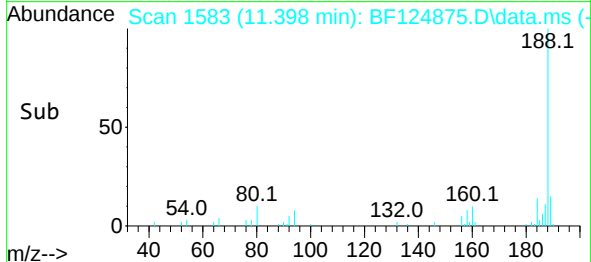
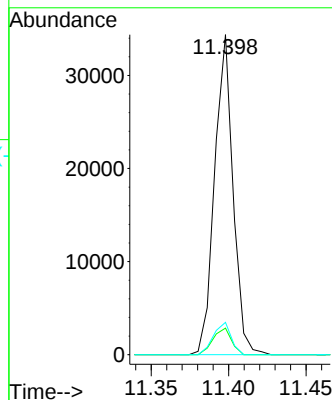
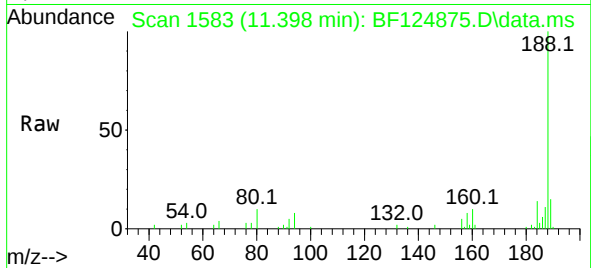




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

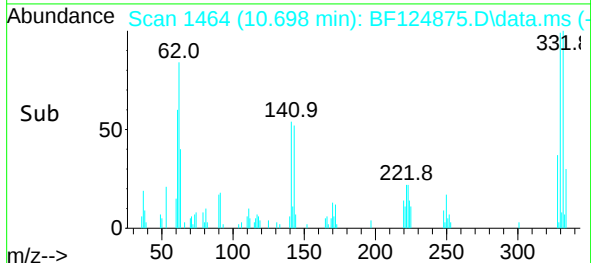
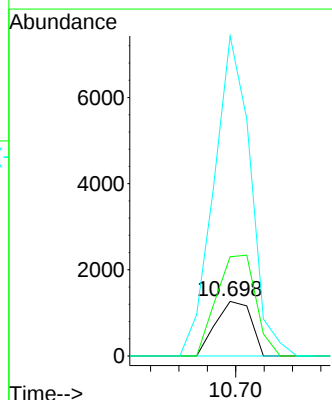
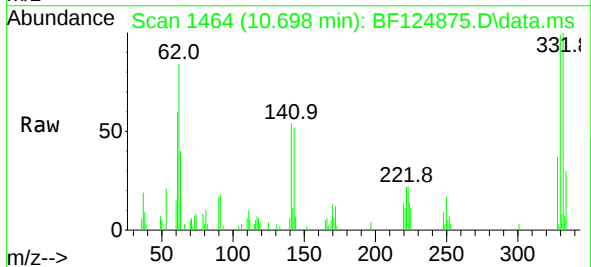
Instrument :
BNA_F
ClientSampleId :
PS-2

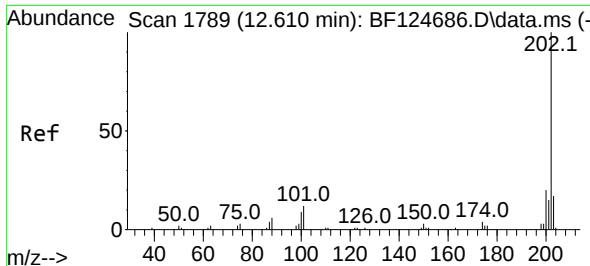
Tgt Ion:188 Resp: 28399
Ion Ratio Lower Upper
188 100
94 8.3 6.7 10.1
80 10.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 3.652 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

Tgt Ion:248 Resp: 1100
Ion Ratio Lower Upper
248 100
250 138.7 74.2 111.4#
141 447.2 60.4 90.6#

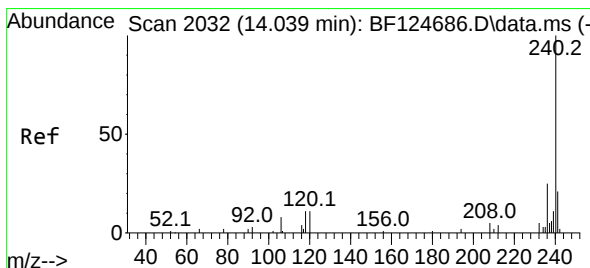
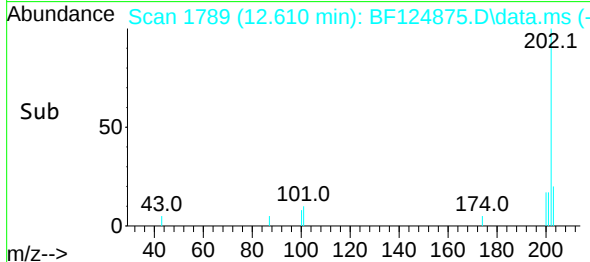
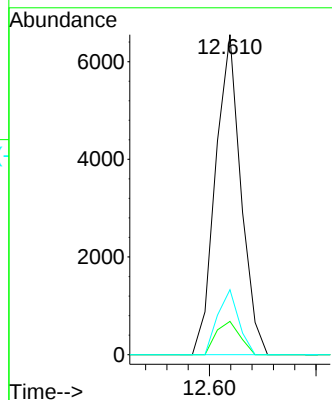
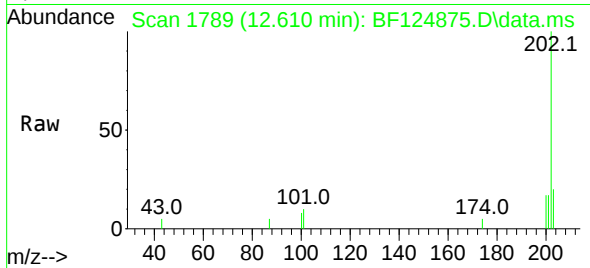




#75
Fluoranthene
Concen: 3.482 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

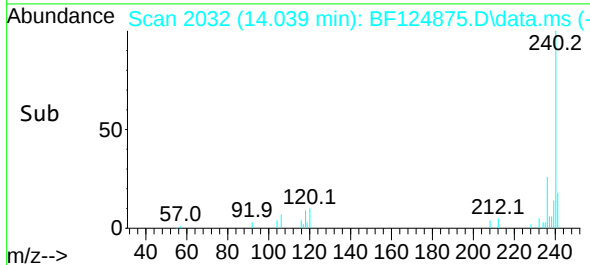
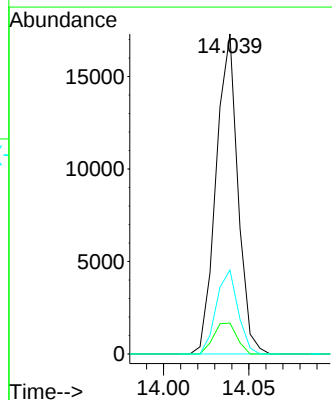
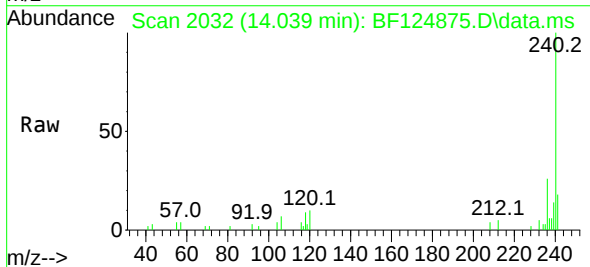
Instrument :
BNA_F
ClientSampleId :
PS-2

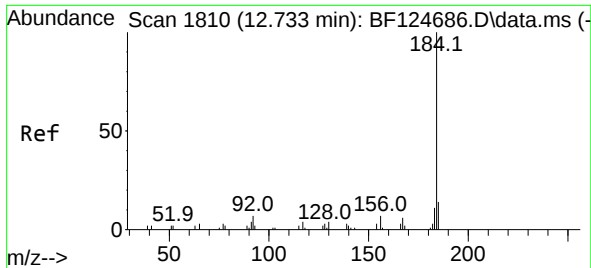
Tgt Ion:202	Resp:	5427
Ion Ratio	Lower	Upper
202	100	
101	10.4	0.0 30.7
203	20.3	0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

Tgt Ion:240	Resp:	15392
Ion Ratio	Lower	Upper
240	100	
120	9.7	10.8 16.2#
236	26.3	21.6 32.4

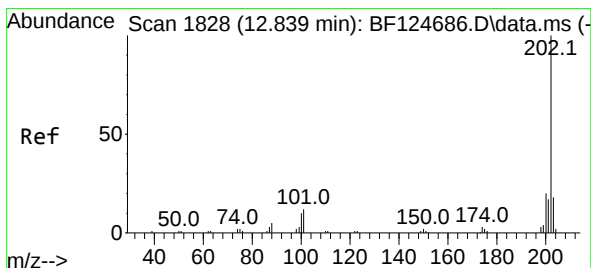
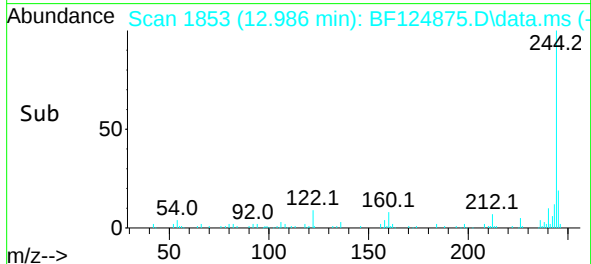
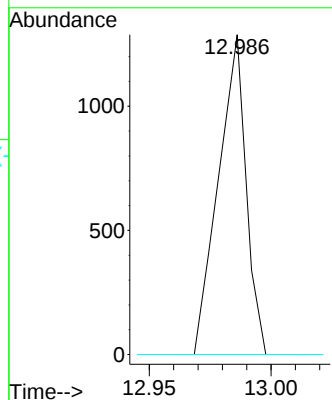
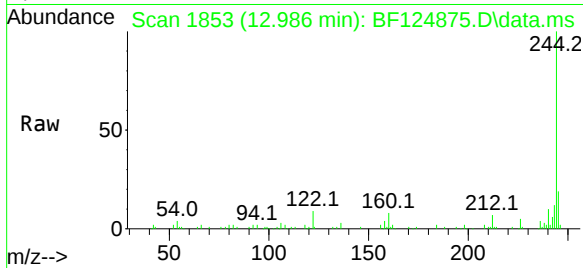




#77
Benzidine
Concen: 2.345 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

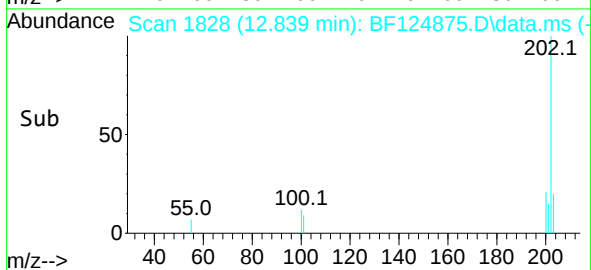
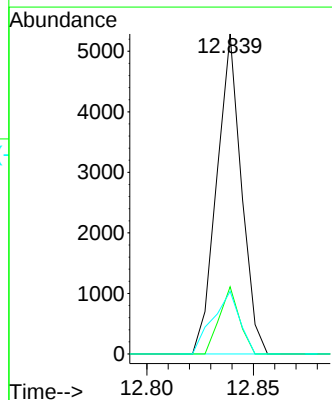
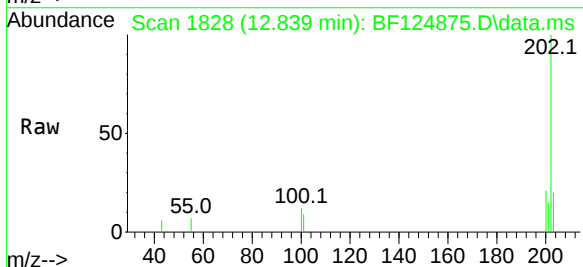
Instrument :
BNA_F
ClientSampleId :
PS-2

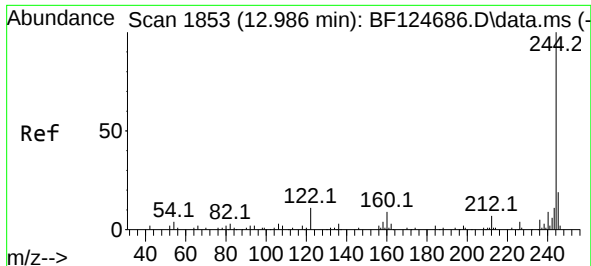
Tgt Ion:184 Resp: 1018
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



#78
Pyrene
Concen: 3.492 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

Tgt Ion:202 Resp: 4255
Ion Ratio Lower Upper
202 100
200 21.0 15.3 22.9
203 19.5 13.4 20.0

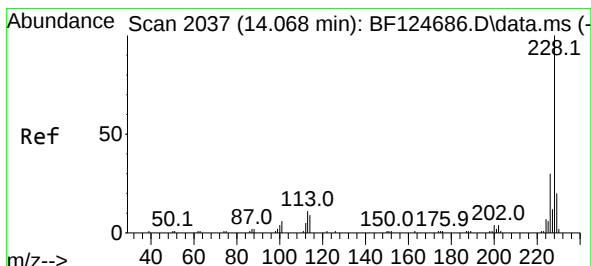
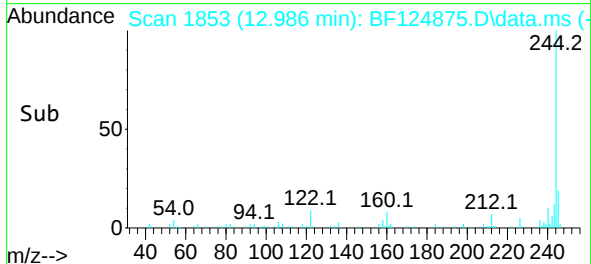
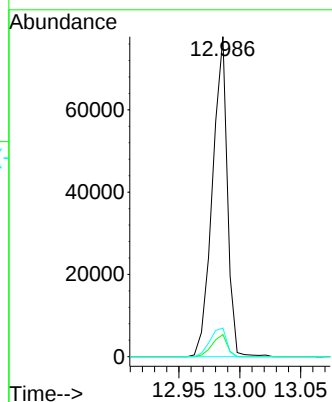
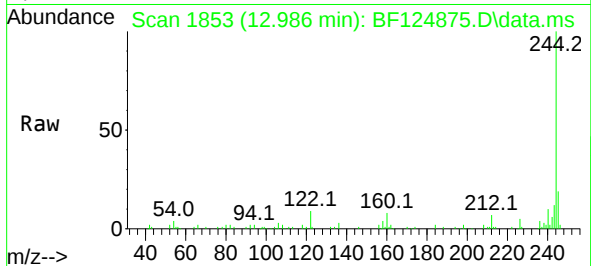




#79
 Terphenyl-d14
 Concen: 73.733 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: BF124875.D
 Acq: 30 Jul 2021 14:32

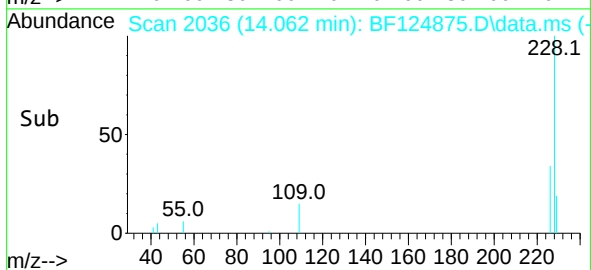
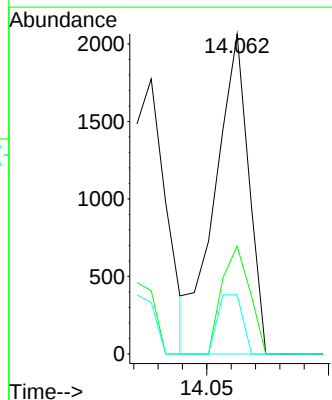
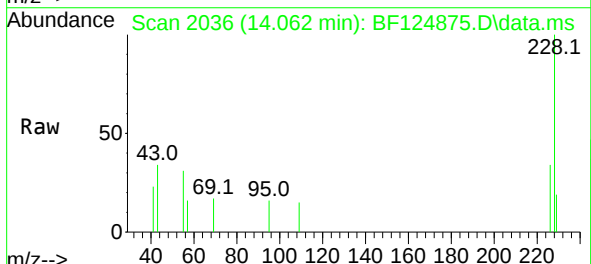
Instrument :
 BNA_F
 ClientSampleId :
 PS-2

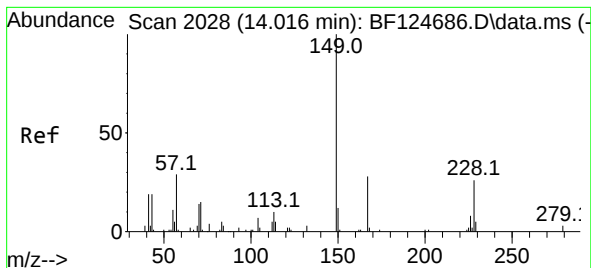
Tgt Ion:244 Resp: 66208
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.0 9.0 13.4



#83
 Chrysene
 Concen: 2.031 ng
 RT: 14.062 min Scan# 2036
 Delta R.T. -0.006 min
 Lab File: BF124875.D
 Acq: 30 Jul 2021 14:32

Tgt Ion:228 Resp: 1969
 Ion Ratio Lower Upper
 228 100
 226 33.7 22.6 34.0
 229 18.5 15.9 23.9

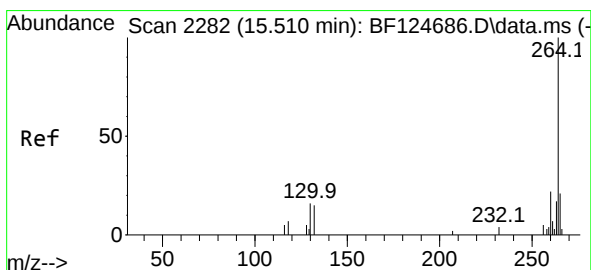
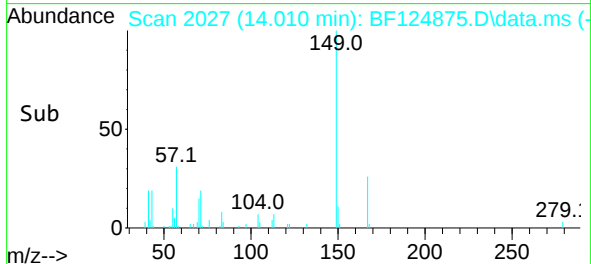
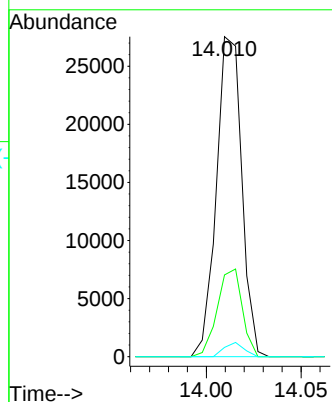
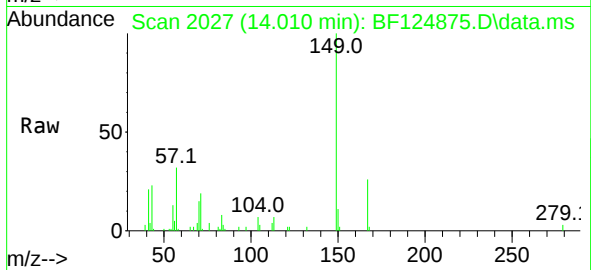




#84
Bis(2-ethylhexyl)phthalate
Concen: 29.886 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

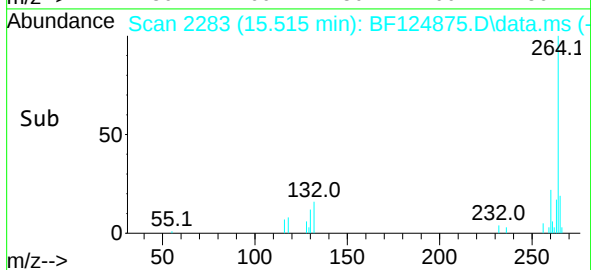
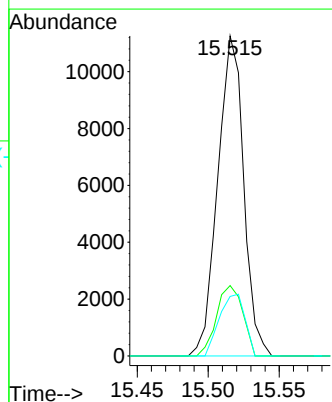
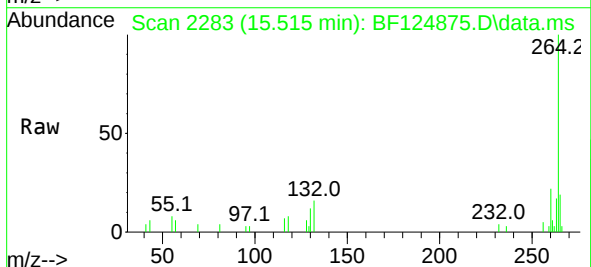
Instrument :
BNA_F
ClientSampleId :
PS-2

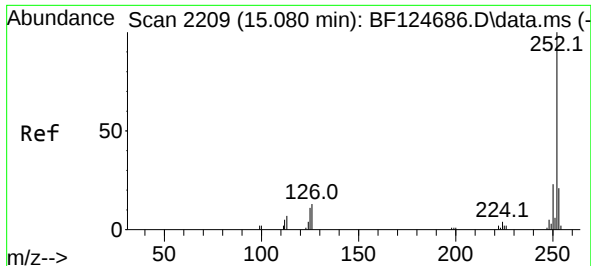
Tgt Ion:149 Resp: 25692
Ion Ratio Lower Upper
149 100
167 25.5 21.4 32.0
279 2.9 2.6 4.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

Tgt Ion:264 Resp: 14269
Ion Ratio Lower Upper
264 100
260 22.0 19.6 29.4
265 18.6 17.2 25.8

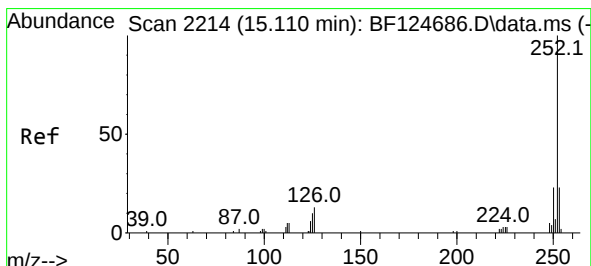
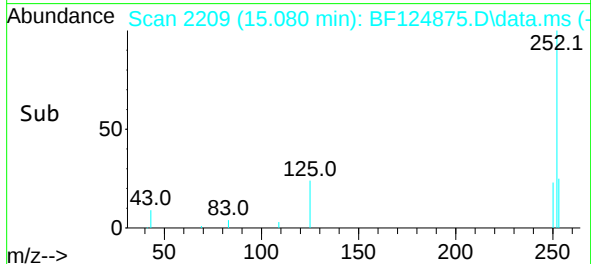
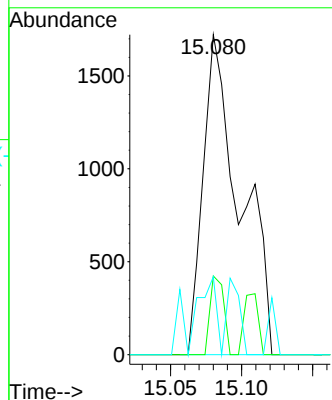
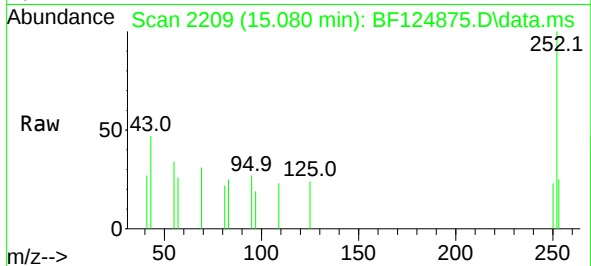




#88
Benzo(b)fluoranthene
Concen: 3.088 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.000 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

Instrument :
BNA_F
ClientSampled :
PS-2

Tgt Ion:252 Resp: 3102
Ion Ratio Lower Upper
252 100
253 24.6 16.8 25.2
125 24.3 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 3.379 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.030 min
Lab File: BF124875.D
Acq: 30 Jul 2021 14:32

Tgt Ion:252 Resp: 3102
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 24.3 7.2 10.8#

