

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
 Data File : BF124501.D
 Acq On : 30 Jun 2021 19:57
 Operator : JU/CG
 Sample : M2896-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-04

Quant Time: Jul 01 05:15:46 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 12:49:33 2021
 Response via : Initial Calibration

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

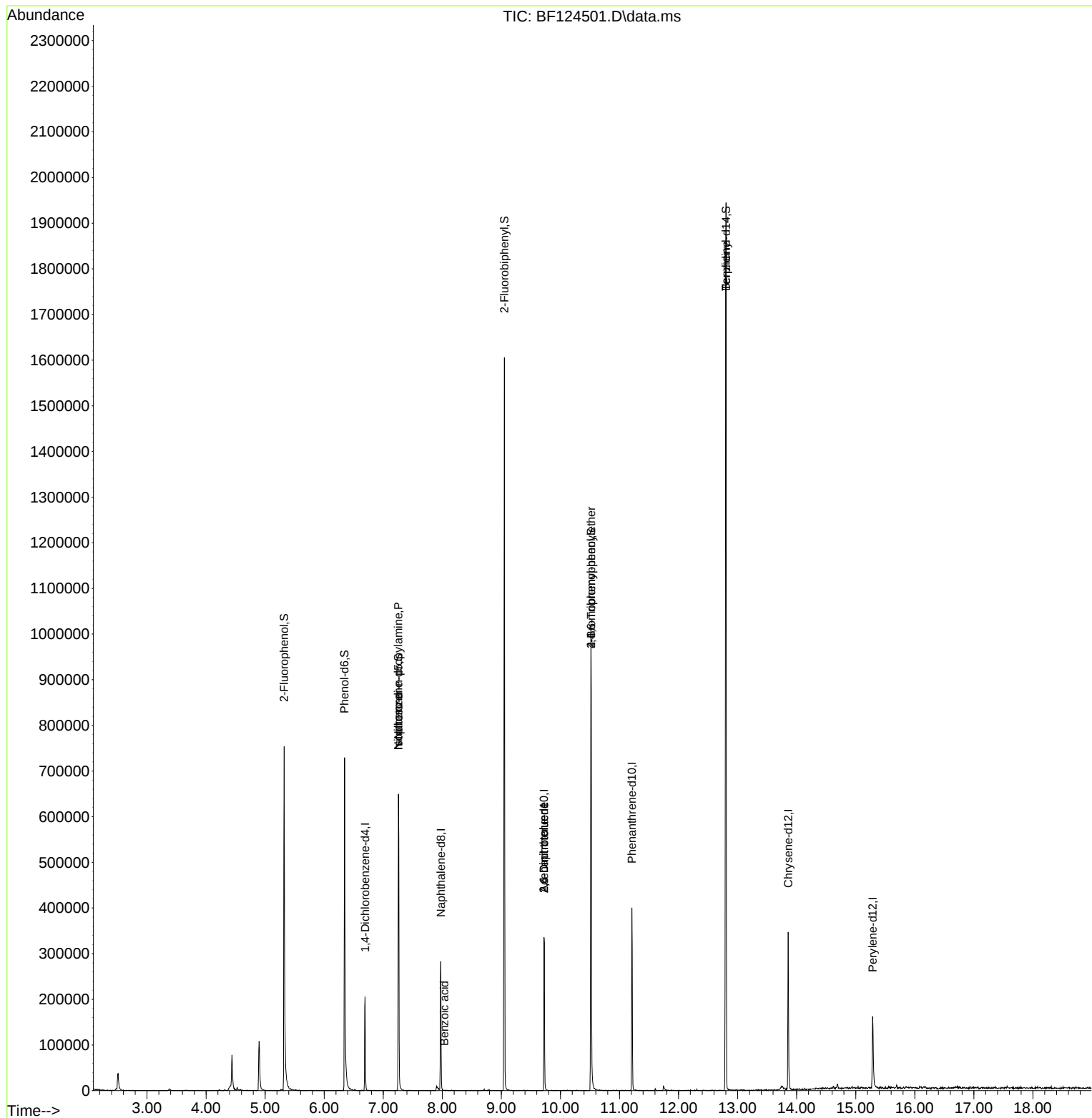
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	28867	20.00	ng	0.00
21) Naphthalene-d8	7.975	136	122105	20.00	ng	# 0.00
39) Acenaphthene-d10	9.722	164	68410	20.00	ng	0.00
64) Phenanthrene-d10	11.210	188	139440	20.00	ng	0.00
76) Chrysene-d12	13.857	240	105643	20.00	ng	0.00
86) Perylene-d12	15.286	264	75384	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	203789	111.03	ng	0.01
7) Phenol-d6	6.345	99	222622	92.89	ng	0.00
23) Nitrobenzene-d5	7.257	82	205658	69.83	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	116991	143.14	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	429399	76.89	ng	0.00
79) Terphenyl-d14	12.804	244	650729	92.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.257	70	31786	19.72	ng	# 64
25) Isophorone	7.257	82	205692	40.63	ng	# 69
32) Benzoic acid	8.034	122	109	7.27	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	9048	7.26	ng	# 12
57) 2,4-Dinitrotoluene	9.722	165	9048	5.48	ng	# 18
67) 4-Bromophenyl-phenylether	10.522	248	7799	4.16	ng	# 1
77) Benzidine	12.804	184	10461	4.94	ng	# 91

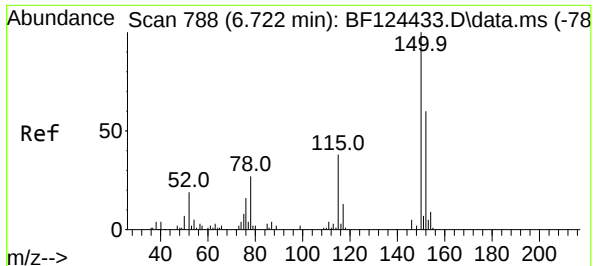
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
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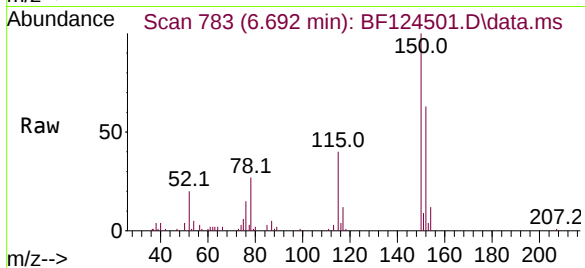
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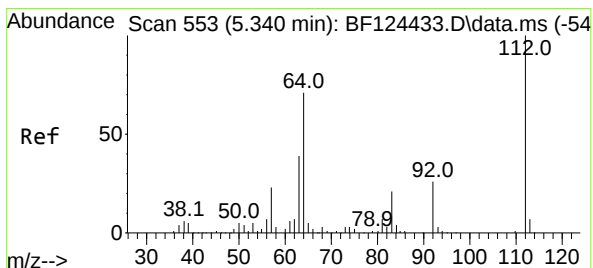
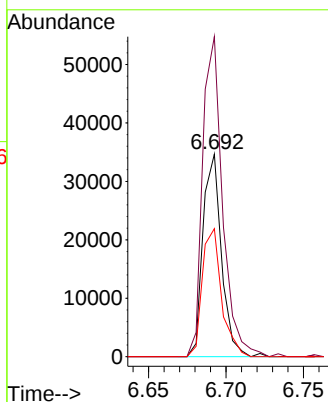
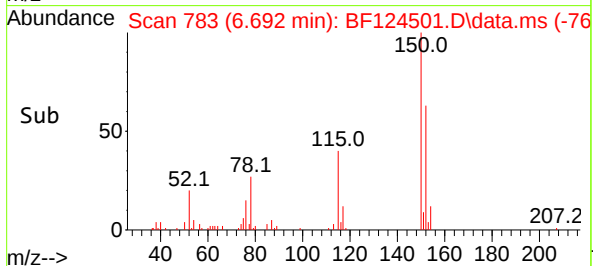


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.692 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

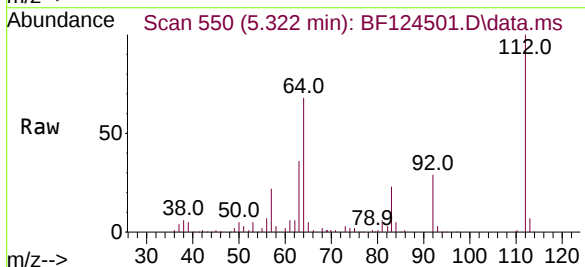
Instrument :
BNA_F
ClientSampleId :
FS-04



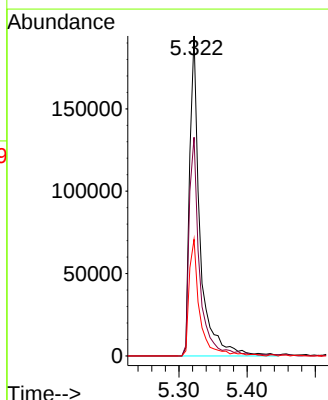
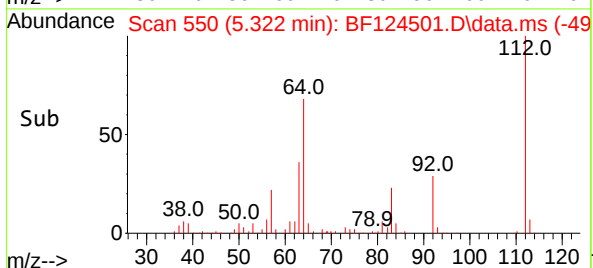
Tgt Ion:152 Resp: 28867
Ion Ratio Lower Upper
152 100
150 158.0 127.0 190.6
115 63.3 54.3 81.5

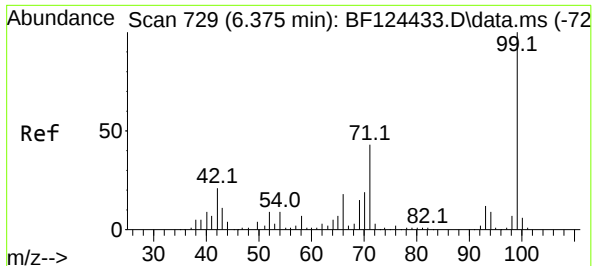


#5
2-Fluorophenol
Concen: 111.03 ng
RT: 5.322 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57



Tgt Ion:112 Resp: 203789
Ion Ratio Lower Upper
112 100
64 68.4 61.4 92.0
63 36.4 33.0 49.4

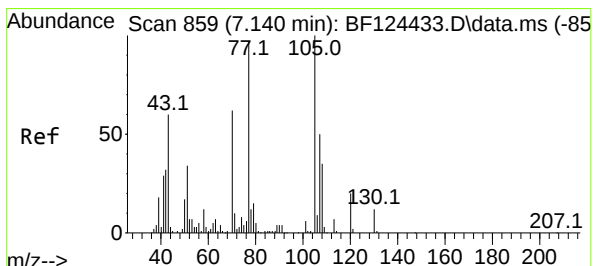
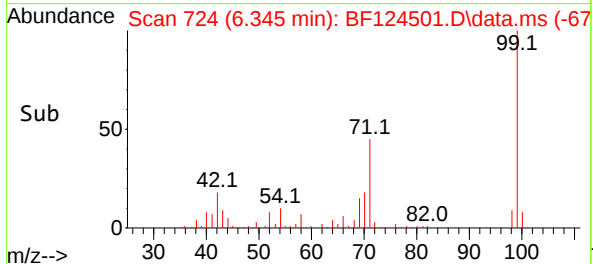
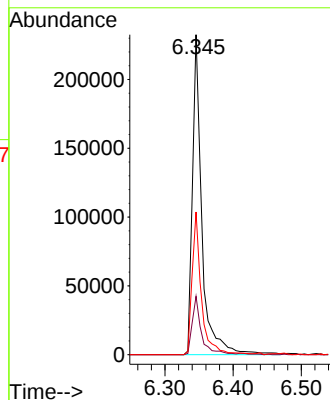
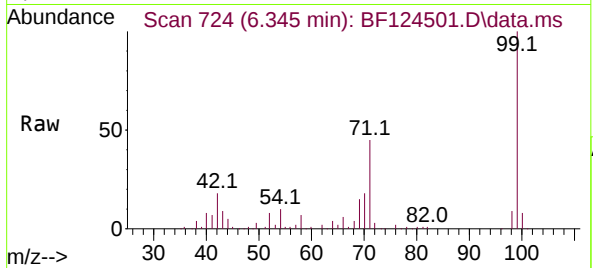




#7
Phenol-d6
Concen: 92.89 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

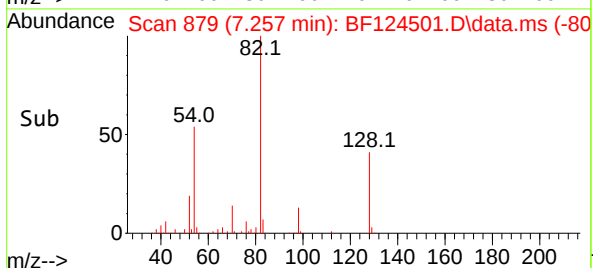
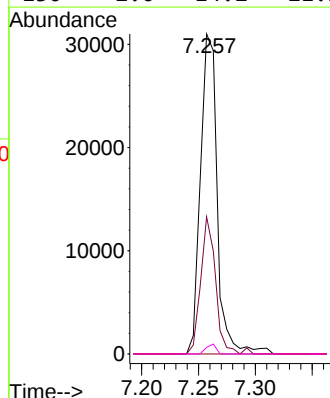
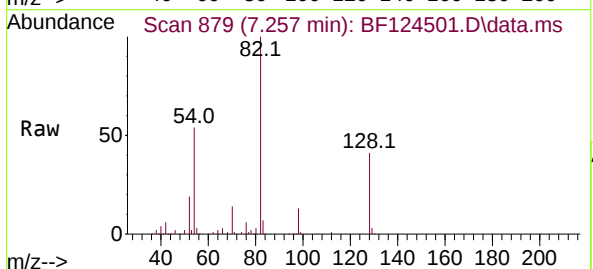
Instrument :
BNA_F
ClientSampleId :
FS-04

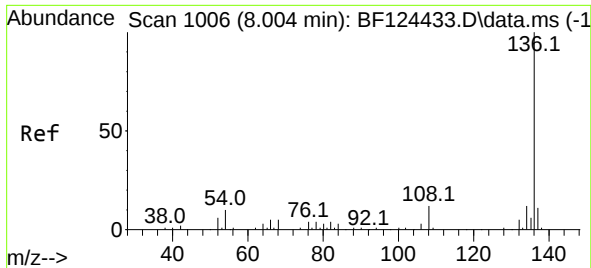
Tgt Ion: 99 Resp: 222622
Ion Ratio Lower Upper
99 100
42 18.3 19.8 29.8#
71 44.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.72 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.141 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

Tgt Ion: 70 Resp: 31786
Ion Ratio Lower Upper
70 100
42 42.9 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#

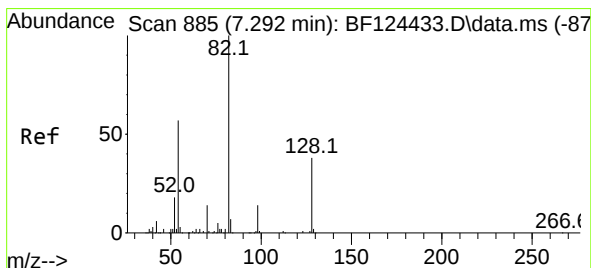
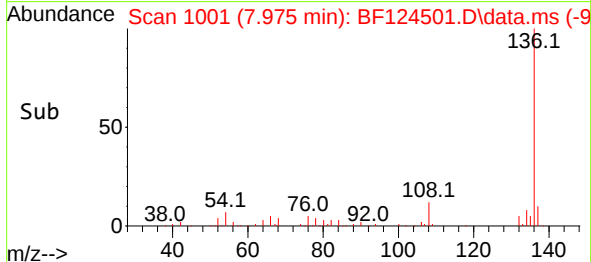
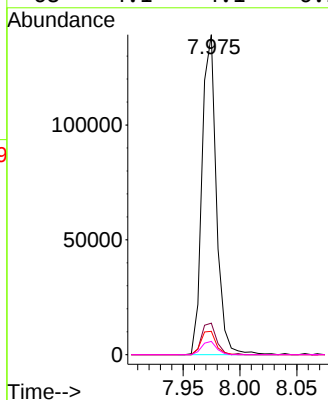
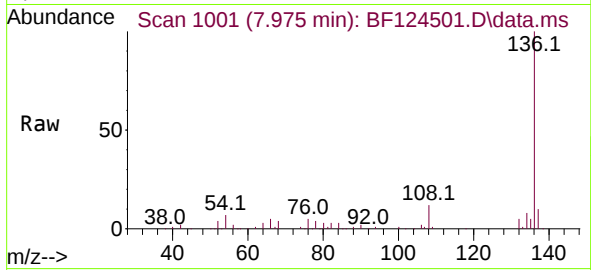




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

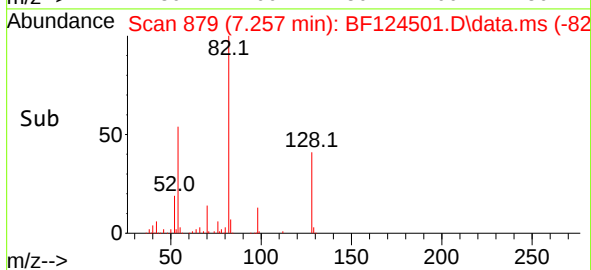
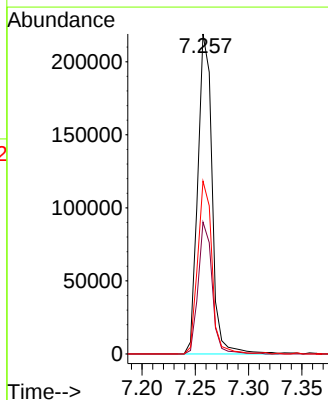
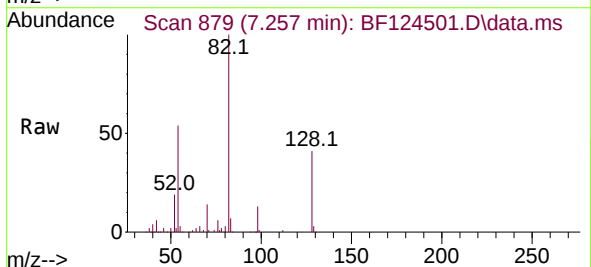
Instrument :
BNA_F
ClientSampleId :
FS-04

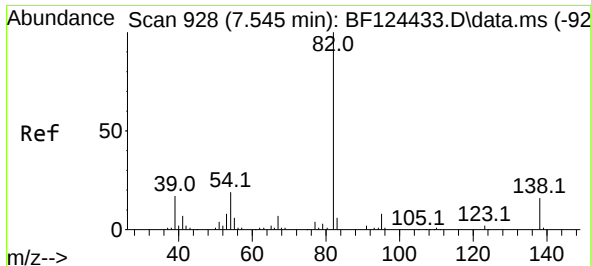
Tgt Ion:136	Resp: 122105
Ion Ratio	Lower Upper
136	100
137	9.8 8.7 13.1
54	7.3 9.8 14.6#
68	4.1 4.1 6.1



#23
Nitrobenzene-d5
Concen: 69.83 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

Tgt Ion: 82	Resp: 205658
Ion Ratio	Lower Upper
82	100
128	41.2 29.4 44.2
54	54.0 54.1 81.1#

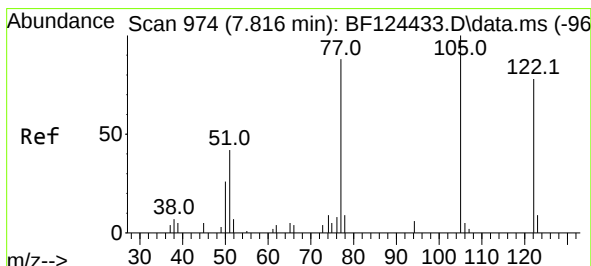
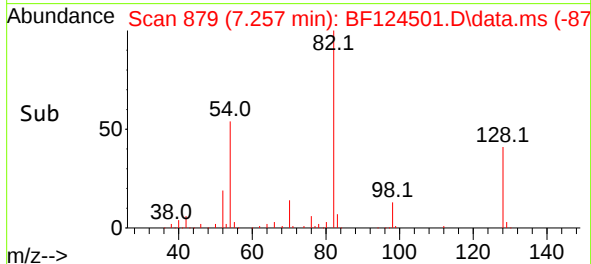
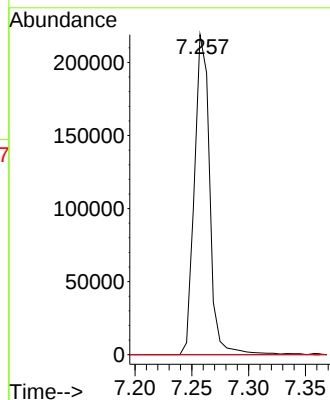
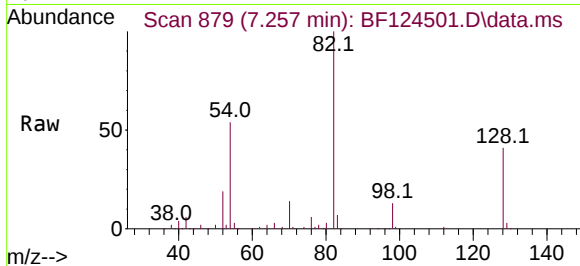




#25
Isophorone
Concen: 40.63 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.265 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

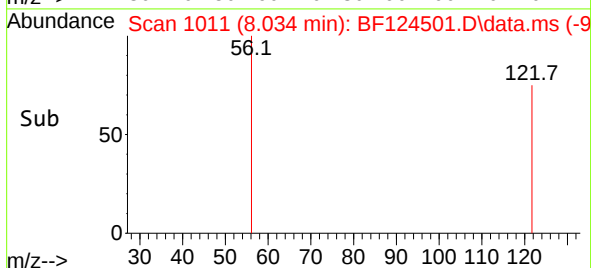
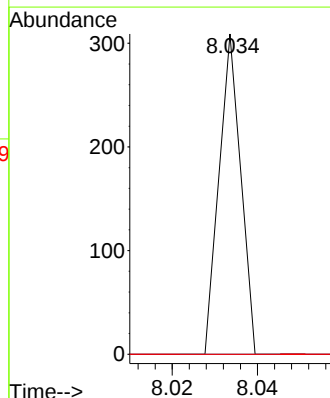
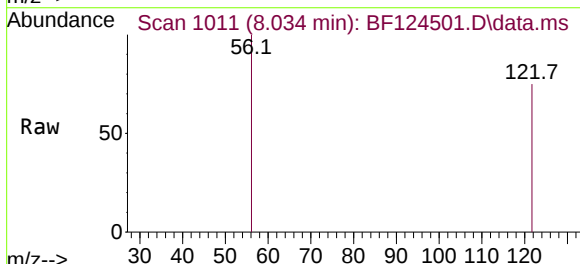
Instrument :
BNA_F
ClientSampleID :
FS-04

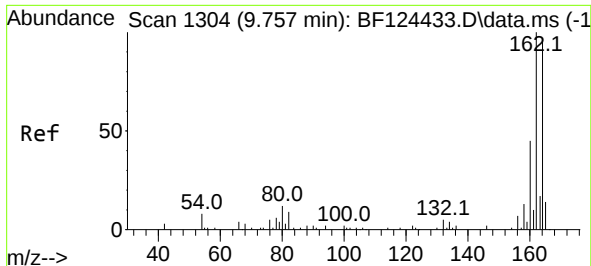
Tgt Ion: 82 Resp: 205692
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 7.27 ng
RT: 8.034 min Scan# 1011
Delta R.T. 0.235 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

Tgt Ion: 122 Resp: 109
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 0.0 81.6 121.6#

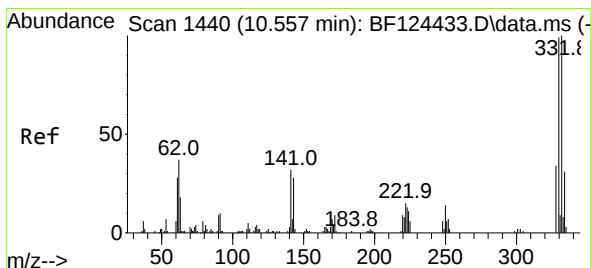
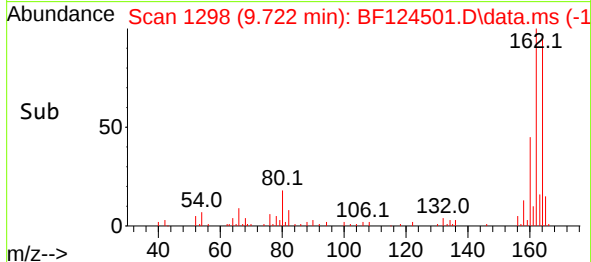
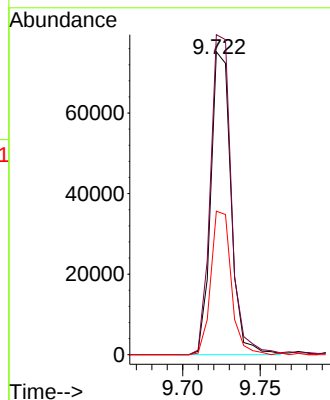
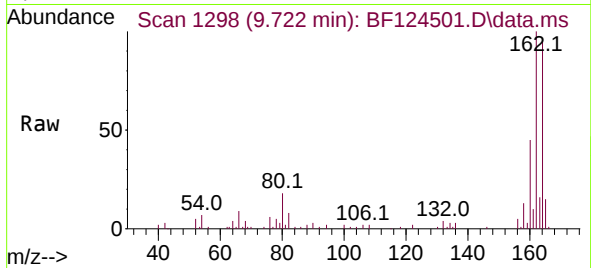




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

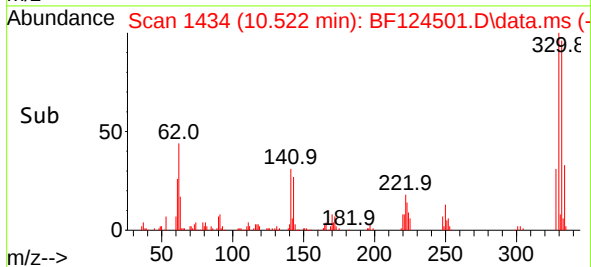
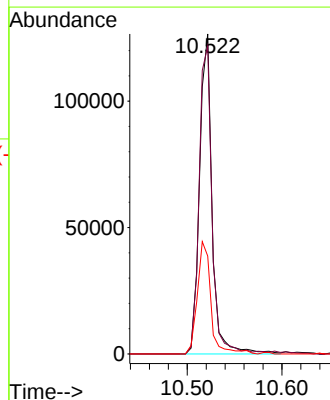
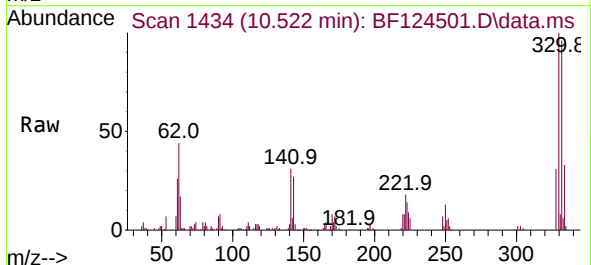
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ClientSampleID :
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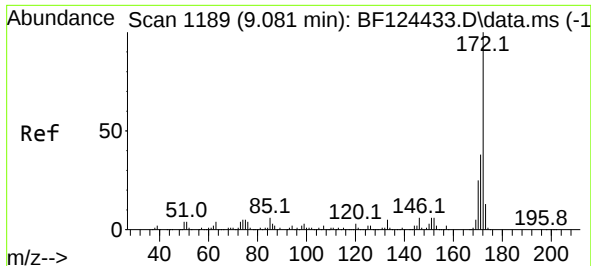
Tgt Ion:164 Resp: 68410
Ion Ratio Lower Upper
164 100
162 105.6 80.7 121.1
160 47.4 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 143.14 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

Tgt Ion:330 Resp: 116991
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 37.8 27.9 41.9

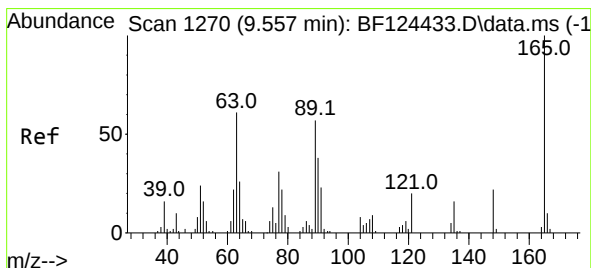
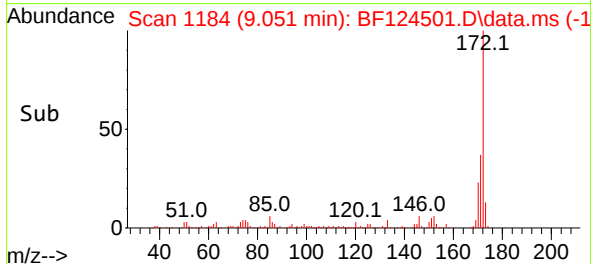
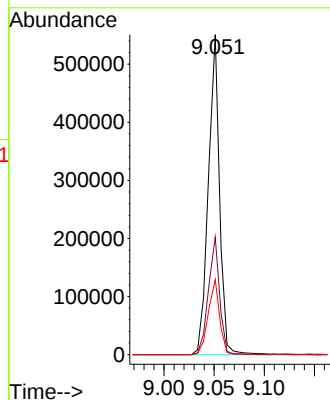
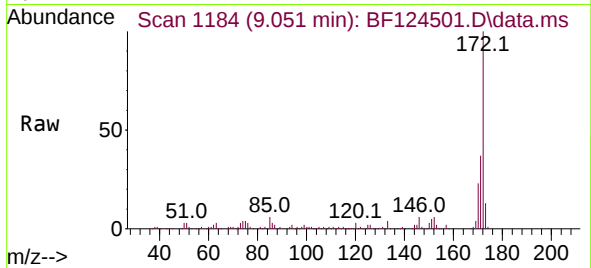




#45
2-Fluorobiphenyl
Concen: 76.89 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

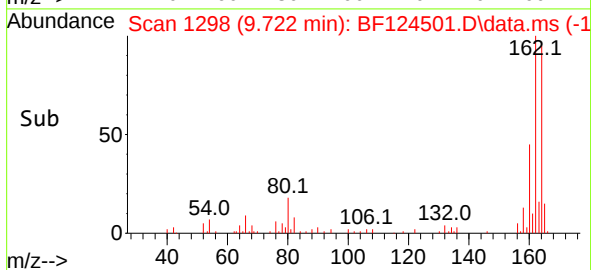
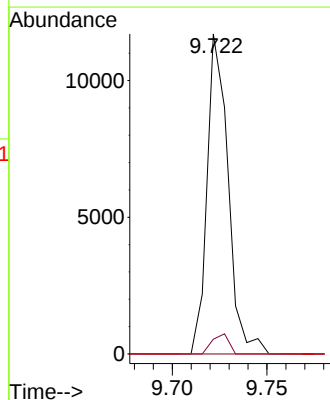
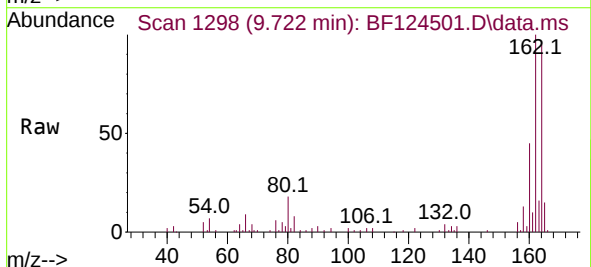
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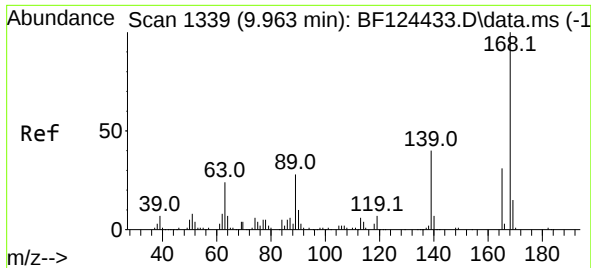
Tgt Ion:172 Resp: 429399
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 23.5 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.26 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.194 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

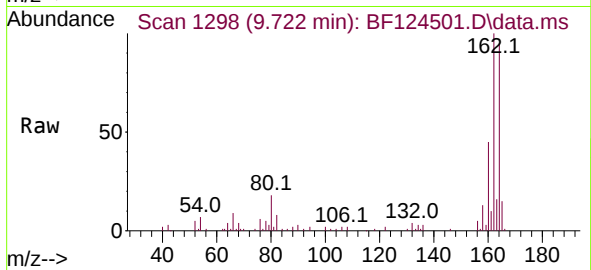
Tgt Ion:165 Resp: 9048
Ion Ratio Lower Upper
165 100
63 4.6 67.7 101.5#
89 0.0 58.8 88.2#



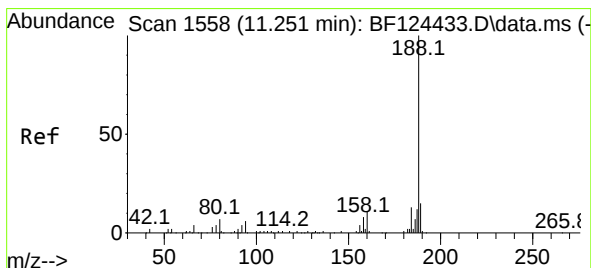
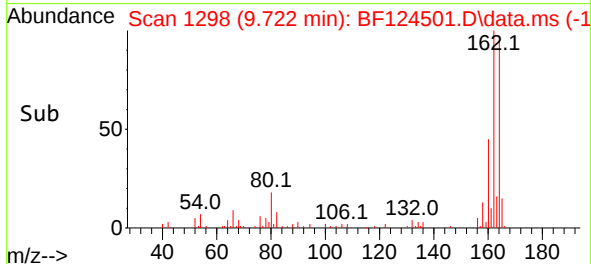
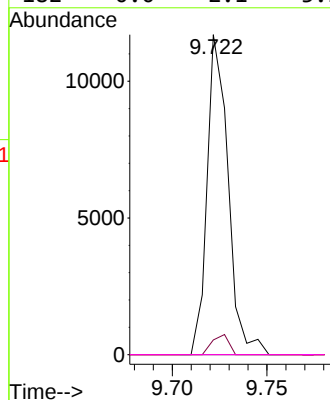


#57
2,4-Dinitrotoluene
Concen: 5.48 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.212 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

Instrument :
BNA_F
ClientSampled :
FS-04

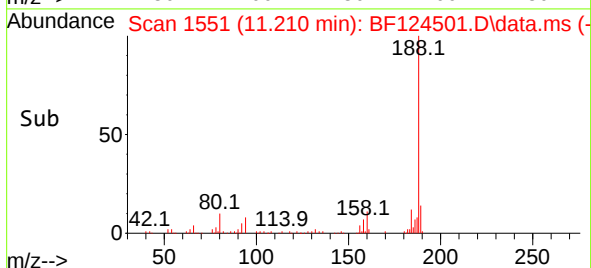
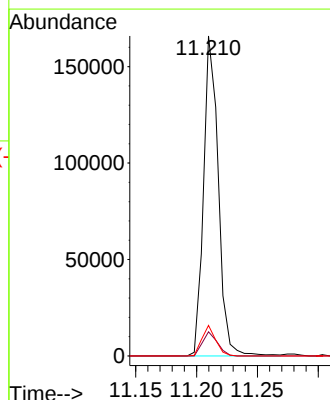
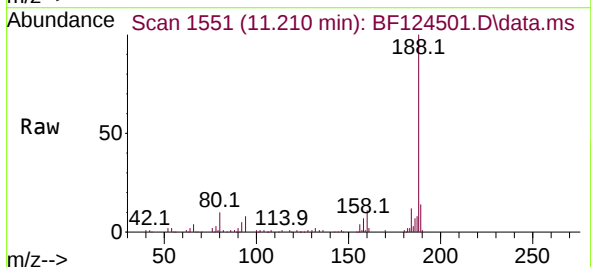


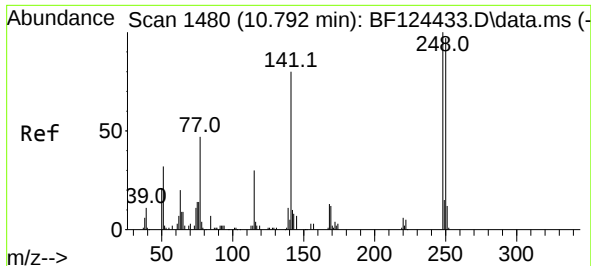
Tgt Ion:165 Resp: 9048
Ion Ratio Lower Upper
165 100
63 4.6 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

Tgt Ion:188 Resp: 139440
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 9.6 8.2 12.2

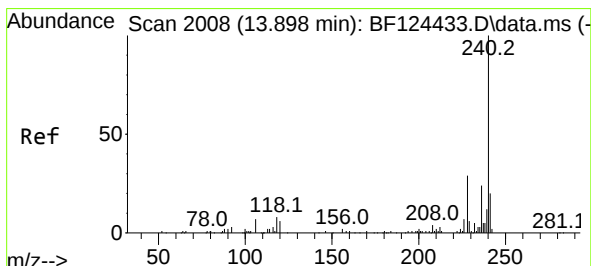
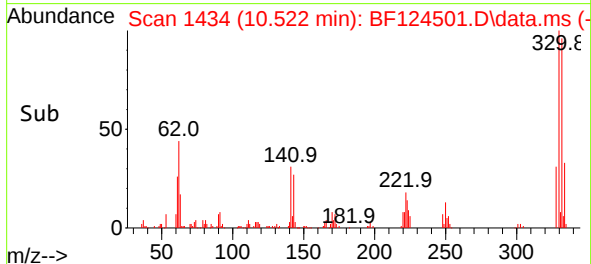
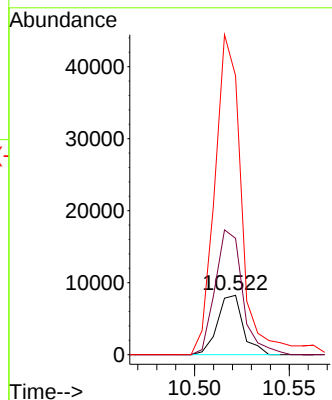
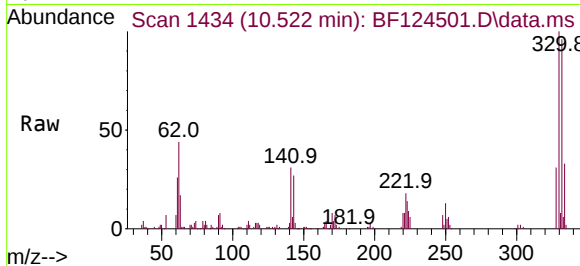




#67
4-Bromophenyl-phenylether
Concen: 4.16 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

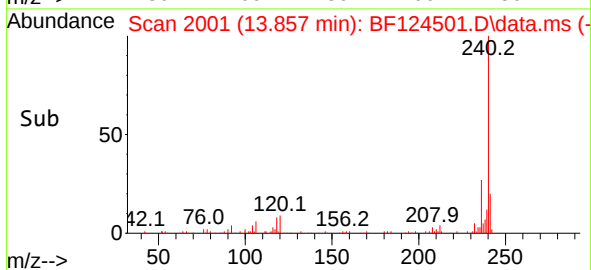
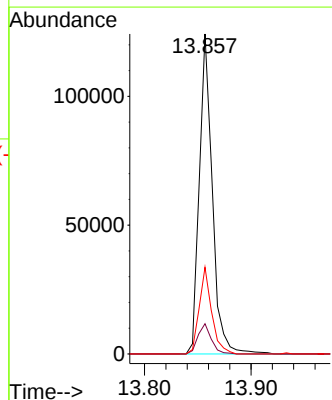
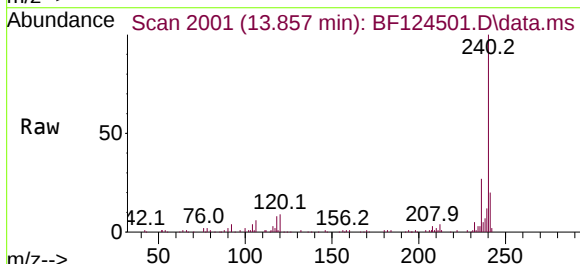
Instrument :
BNA_F
ClientSampleId :
FS-04

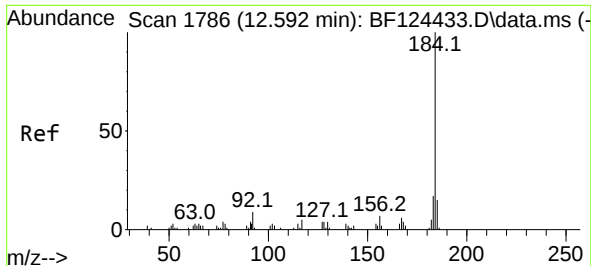
Tgt Ion:248 Resp: 7799
Ion Ratio Lower Upper
248 100
250 195.7 77.4 116.2#
141 469.4 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

Tgt Ion:240 Resp: 105643
Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 27.1 19.0 28.4

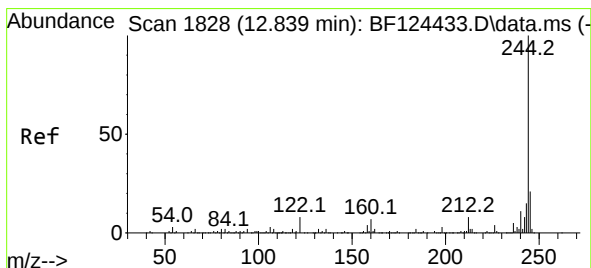
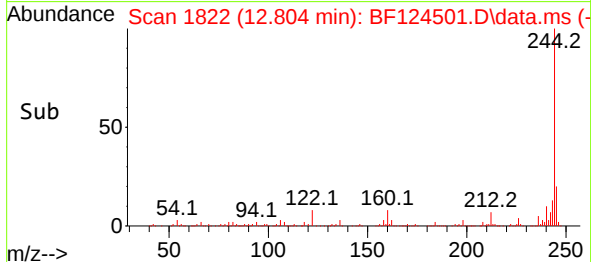
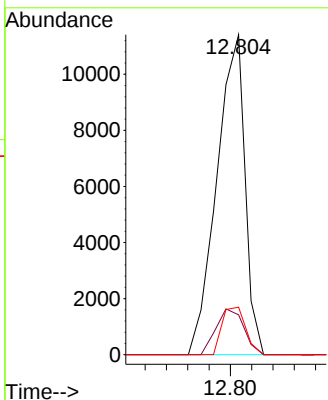
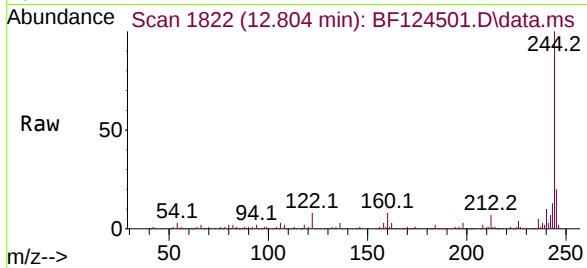




#77
Benzidine
Concen: 4.94 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.253 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

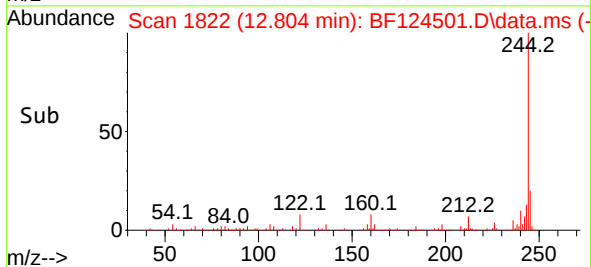
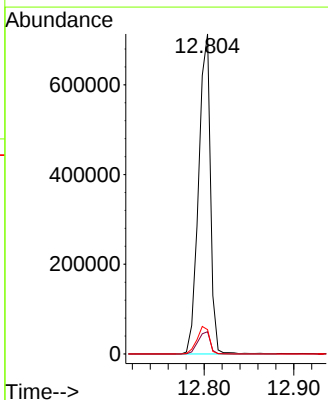
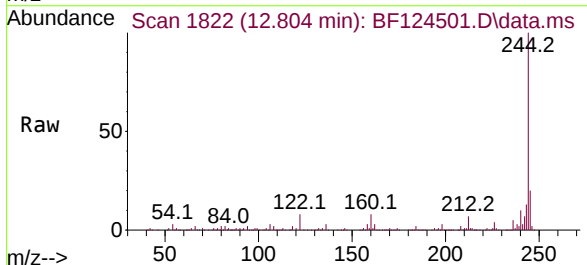
Instrument :
BNA_F
ClientSampled :
FS-04

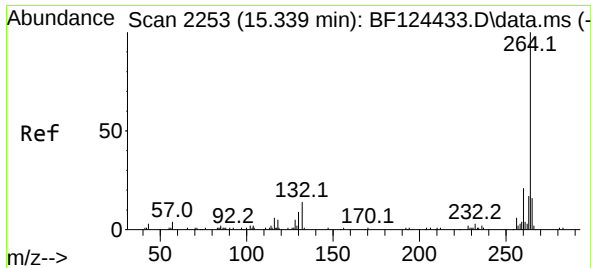
Tgt Ion:184 Resp: 10461
Ion Ratio Lower Upper
184 100
185 12.5 12.1 18.1
183 14.9 7.8 11.8#



#79
Terphenyl-d14
Concen: 92.26 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BF124501.D
Acq: 30 Jun 2021 19:57

Tgt Ion:244 Resp: 650729
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 7.6 9.7 14.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. 0.000 min
 Lab File: BF124501.D
 Acq: 30 Jun 2021 19:57

Instrument :
 BNA_F
 ClientSampled :
 FS-04

Tgt Ion:	264	Resp:	75384
Ion Ratio	Lower	Upper	
264	100		
260	21.3	18.7	28.1
265	20.4	17.8	26.8

