

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
 Data File : BF124496.D
 Acq On : 30 Jun 2021 17:05
 Operator : JU/CG
 Sample : M2896-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-03

Quant Time: Jun 30 17:28:11 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)

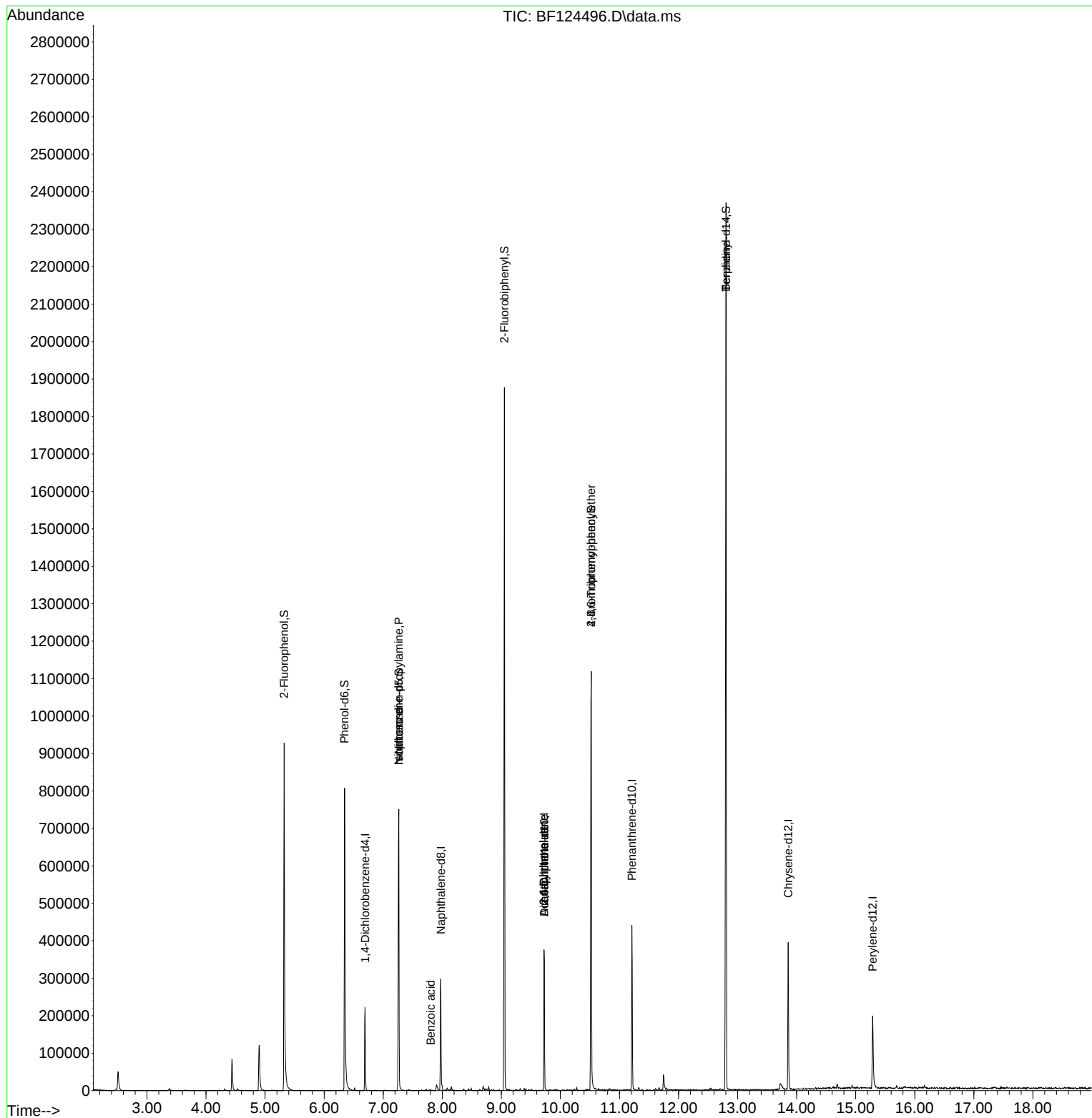
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.693	152	32501	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	118998	20.000	ng	# 0.00
39) Acenaphthene-d10	9.728	164	76230	20.000	ng	# 0.00
64) Phenanthrene-d10	11.210	188	147890	20.000	ng	# 0.00
76) Chrysene-d12	13.857	240	122339	20.000	ng	0.00
86) Perylene-d12	15.286	264	83536	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	236341	114.363	ng	0.01
7) Phenol-d6	6.345	99	265833	98.517	ng	0.00
23) Nitrobenzene-d5	7.263	82	238021	82.934	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	129559	142.255	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	495179	79.573	ng	0.00
79) Terphenyl-d14	12.804	244	718062	87.912	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	33087	18.233	ng	# 62
25) Isophorone	7.263	82	238019	48.237	ng	# 69
32) Benzoic acid	7.804	122	820	7.831	ng	# 4
50) Dimethylphthalate	9.728	163	16210	2.697	ng	# 1
51) 2,6-Dinitrotoluene	9.722	165	9788	7.050	ng	# 10
57) 2,4-Dinitrotoluene	9.722	165	9788	5.319	ng	# 15
67) 4-Bromophenyl-phenylether	10.522	248	9117	4.582	ng	# 1
77) Benzidine	12.804	184	11683	4.765	ng	97

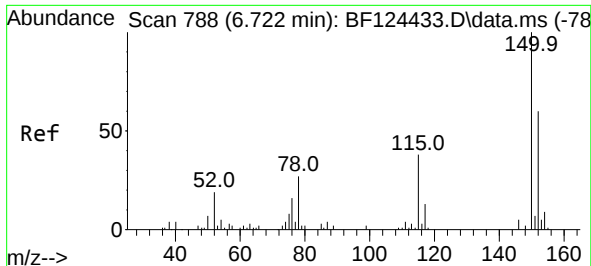
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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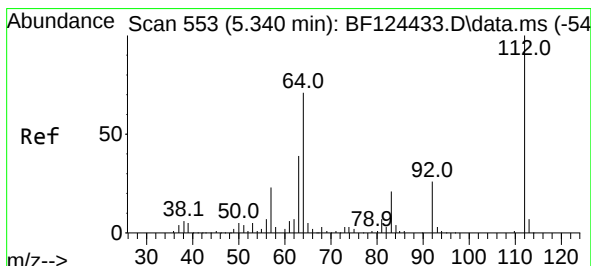
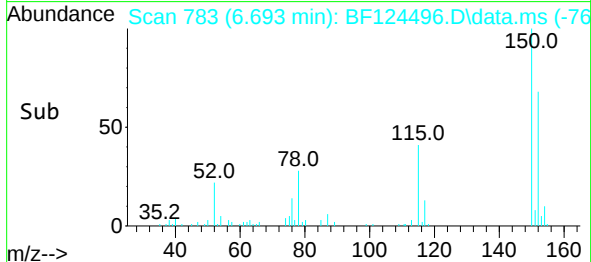
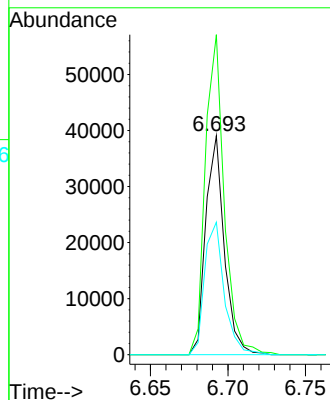
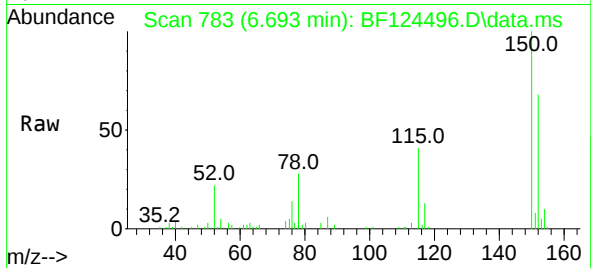




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.693 min Scan# 783
Delta R.T. 0.001 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

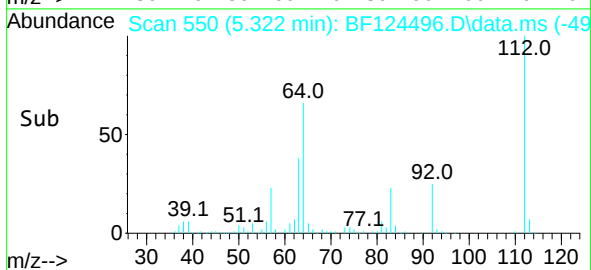
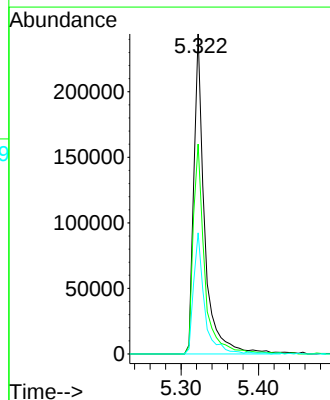
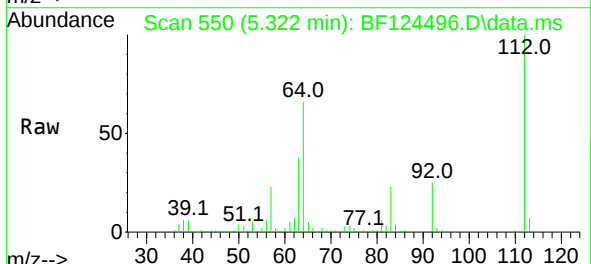
Instrument :
BNA_F
ClientSampled :
FS-03

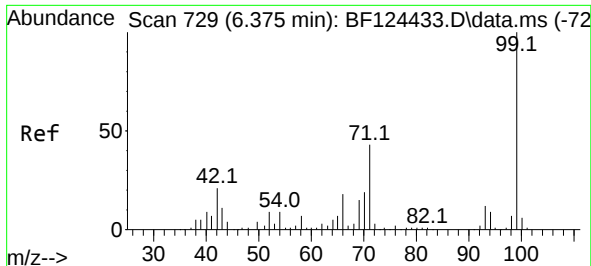
Tgt Ion:152 Resp: 32501
Ion Ratio Lower Upper
152 100
150 146.2 127.0 190.6
115 60.6 54.3 81.5



#5
2-Fluorophenol
Concen: 114.363 ng
RT: 5.322 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

Tgt Ion:112 Resp: 236341
Ion Ratio Lower Upper
112 100
64 65.6 61.4 92.0
63 37.8 33.0 49.4

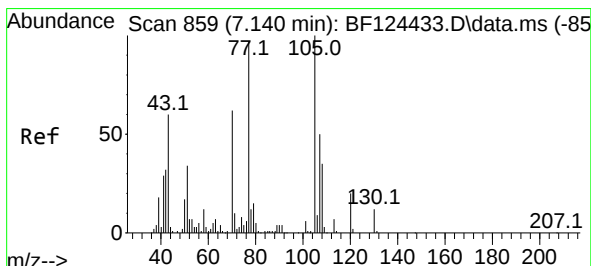
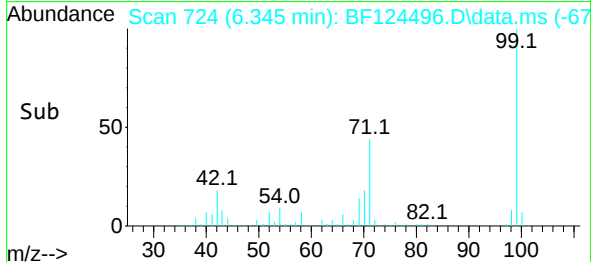
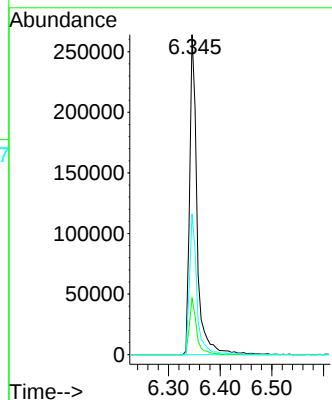
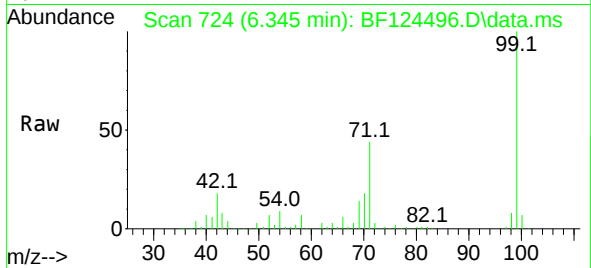




#7
Phenol-d6
Concen: 98.517 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.006 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

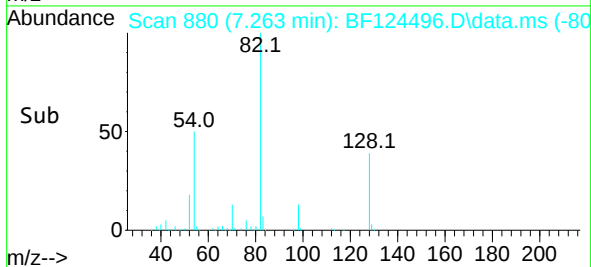
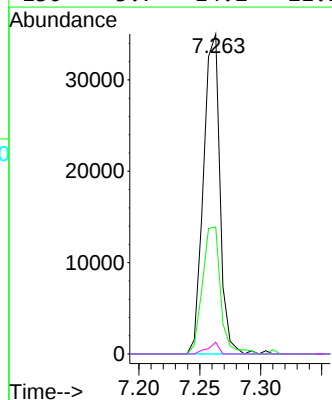
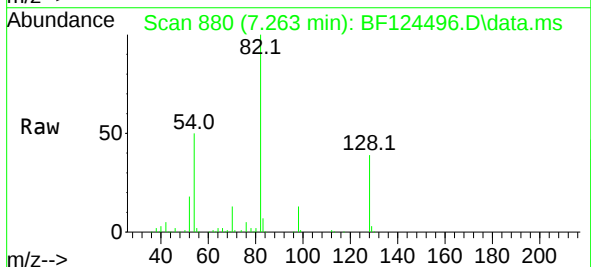
Instrument :
BNA_F
ClientSampleId :
FS-03

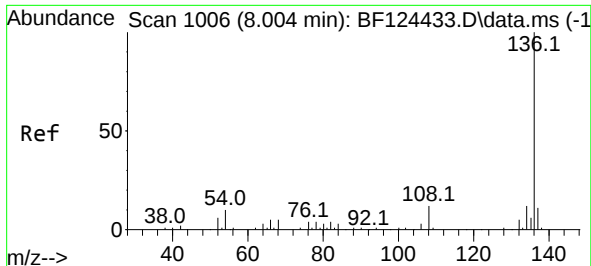
Tgt Ion: 99 Resp: 265833
Ion Ratio Lower Upper
99 100
42 17.6 19.8 29.8#
71 44.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.233 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.147 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

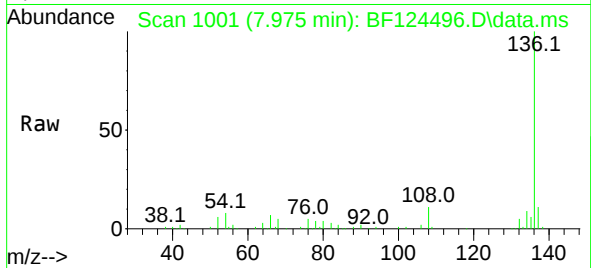
Tgt Ion: 70 Resp: 33087
Ion Ratio Lower Upper
70 100
42 39.7 60.1 90.1#
101 0.0 7.4 11.2#
130 3.7 14.2 21.2#



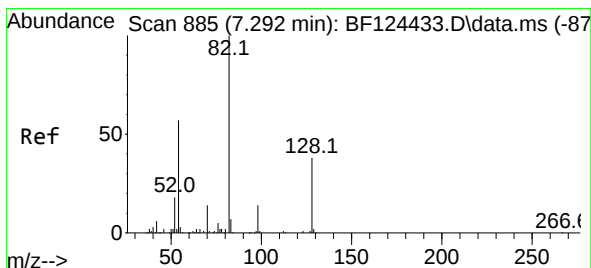
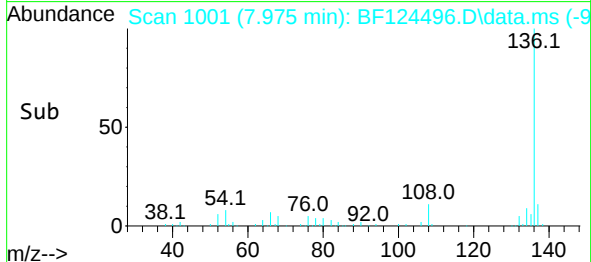
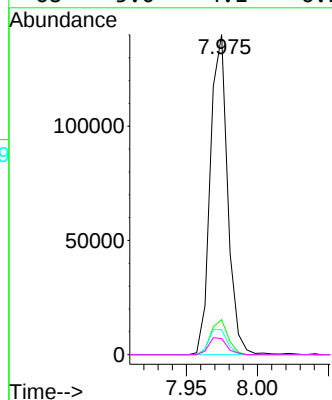


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

Instrument :
BNA_F
ClientSampled :
FS-03

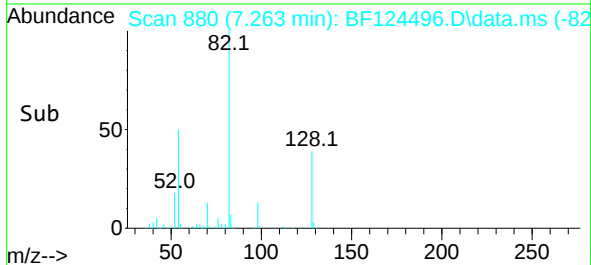
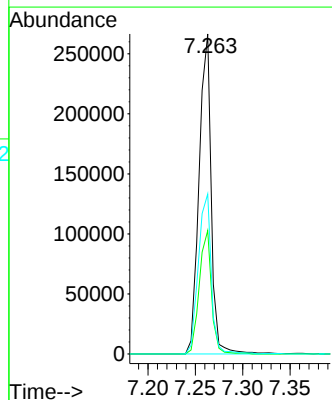
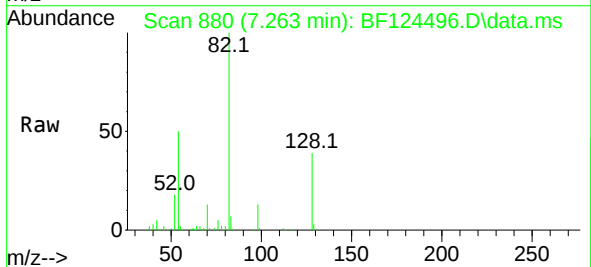


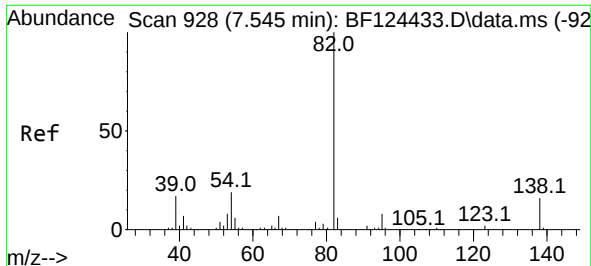
Tgt Ion:136 Resp: 118998
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.8 9.8 14.6#
68 5.0 4.1 6.1



#23
Nitrobenzene-d5
Concen: 82.934 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

Tgt Ion: 82 Resp: 238021
Ion Ratio Lower Upper
82 100
128 38.6 29.4 44.2
54 50.0 54.1 81.1#

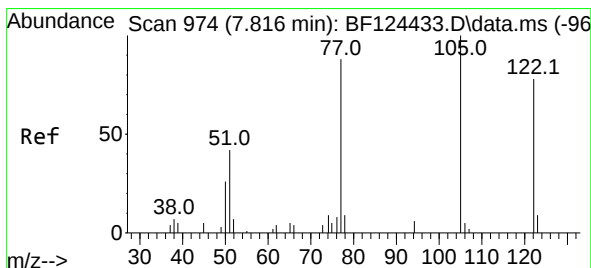
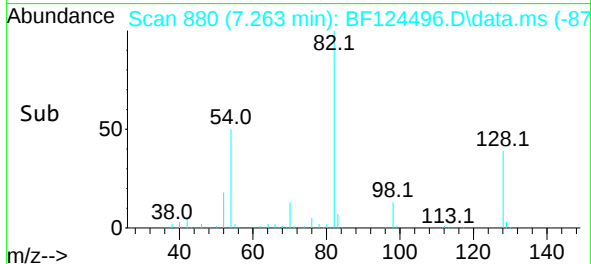
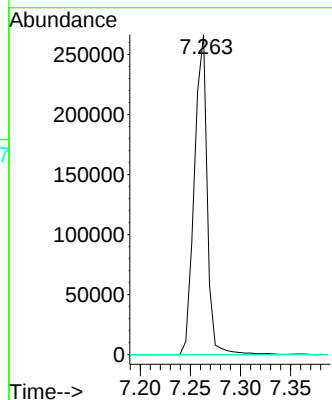
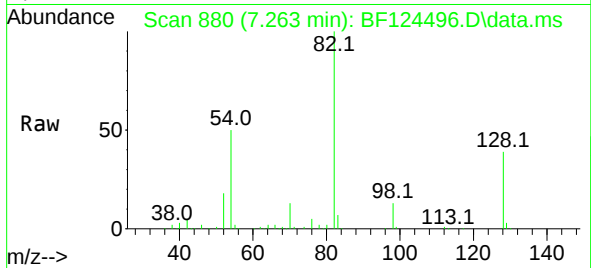




#25
Isophorone
Concen: 48.237 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.259 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

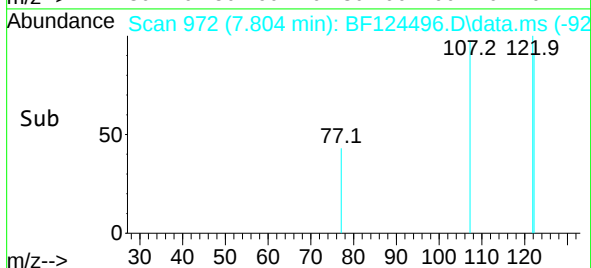
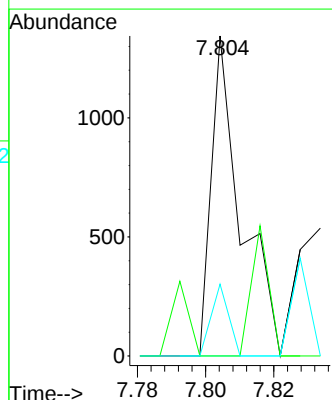
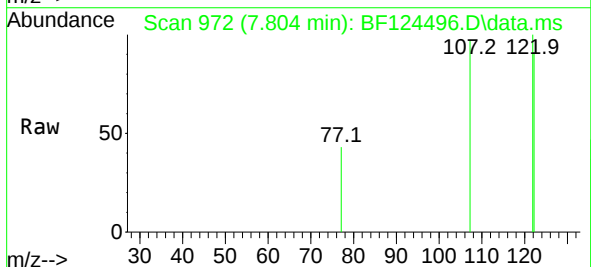
Instrument :
BNA_F
ClientSampled :
FS-03

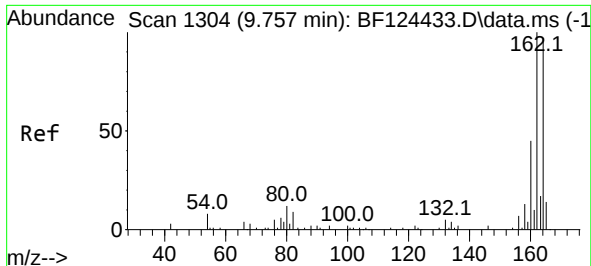
Tgt Ion: 82 Resp: 238019
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 7.831 ng
RT: 7.804 min Scan# 972
Delta R.T. 0.006 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

Tgt Ion: 122 Resp: 820
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 22.5 81.6 121.6#

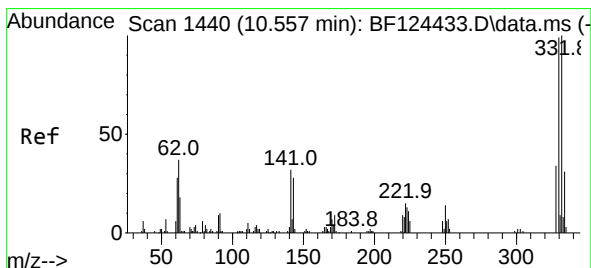
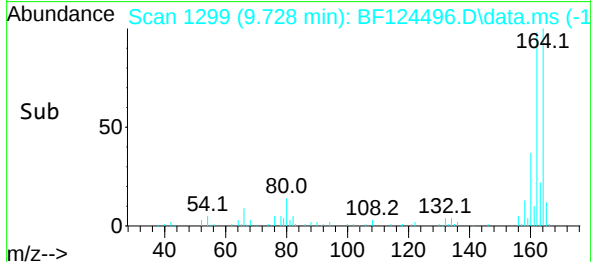
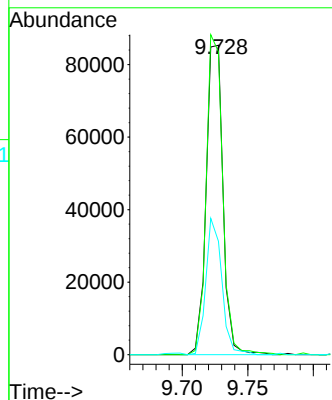
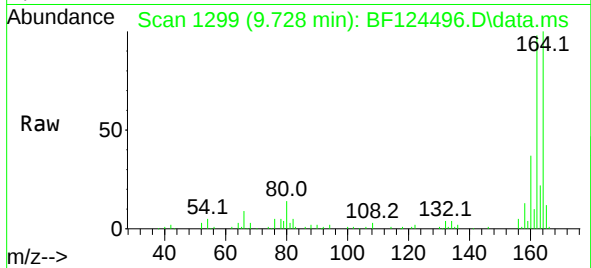




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

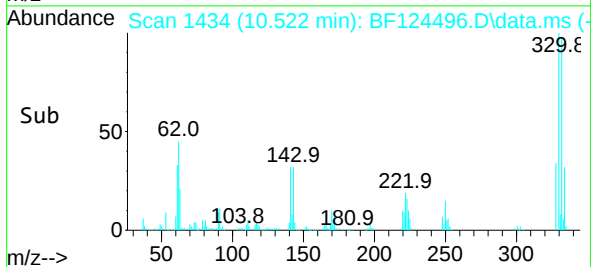
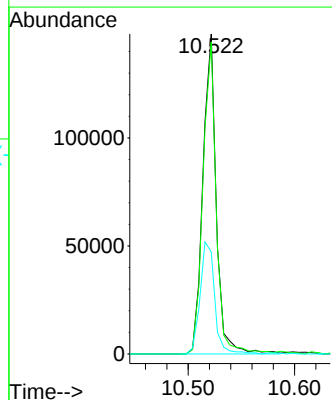
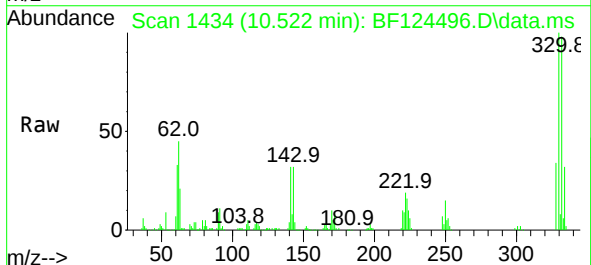
Instrument :
BNA_F
ClientSampled :
FS-03

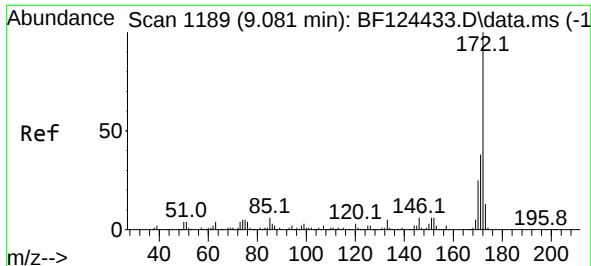
Tgt Ion:164 Resp: 76230
Ion Ratio Lower Upper
164 100
162 97.9 80.7 121.1
160 36.7 37.3 55.9#



#42
2,4,6-Tribromophenol
Concen: 142.255 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

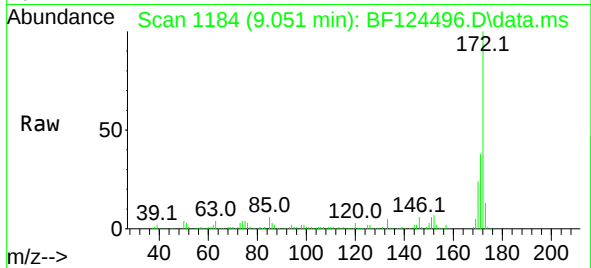
Tgt Ion:330 Resp: 129559
Ion Ratio Lower Upper
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332 96.7 77.1 115.7
141 38.1 27.9 41.9



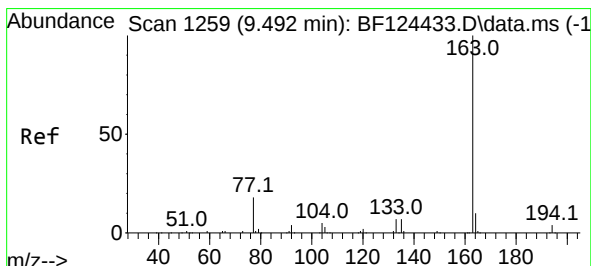
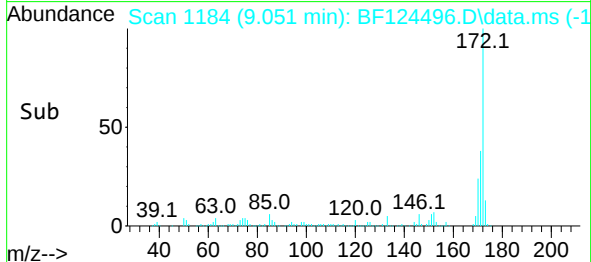
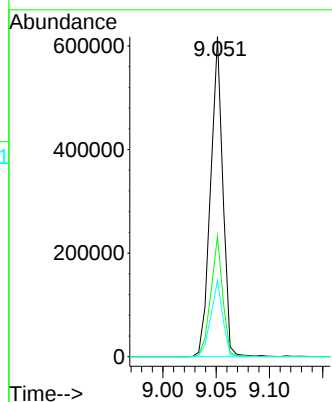


#45
2-Fluorobiphenyl
Concen: 79.573 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

Instrument :
BNA_F
ClientSampled :
FS-03

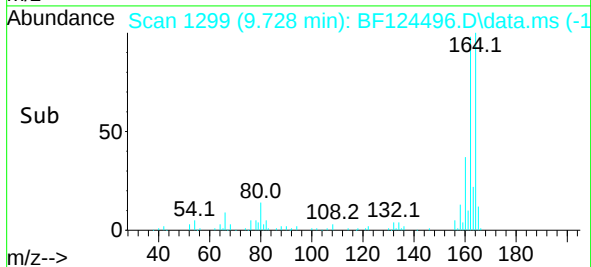
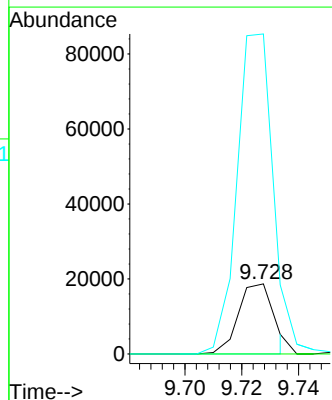
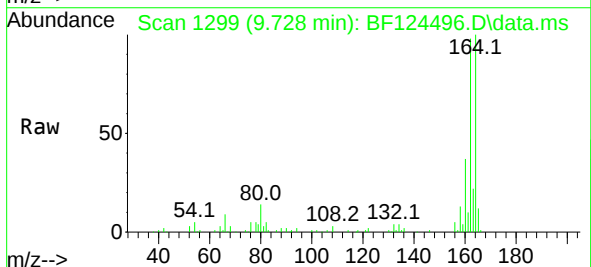


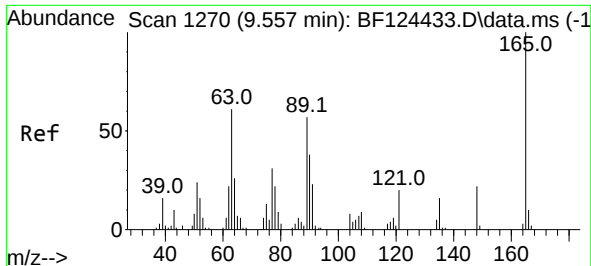
Tgt Ion:172 Resp: 495179
Ion Ratio Lower Upper
172 100
171 37.7 28.1 42.1
170 23.9 19.2 28.8



#50
Dimethylphthalate
Concen: 2.697 ng
RT: 9.728 min Scan# 1299
Delta R.T. 0.271 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

Tgt Ion:163 Resp: 16210
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 457.0 8.2 12.2#

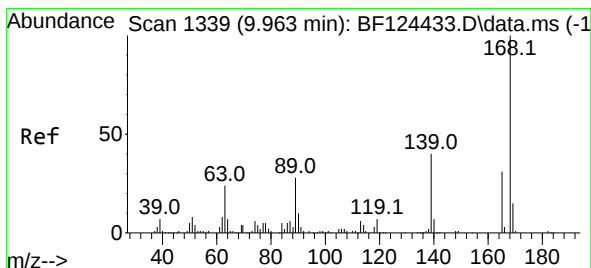
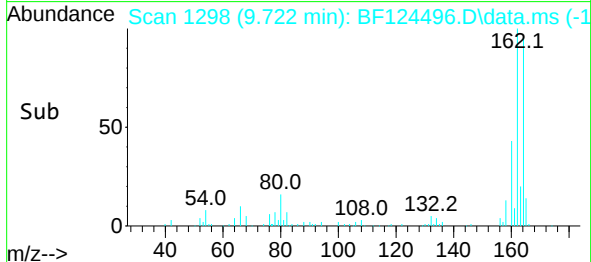
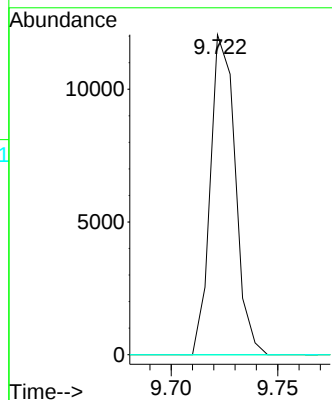
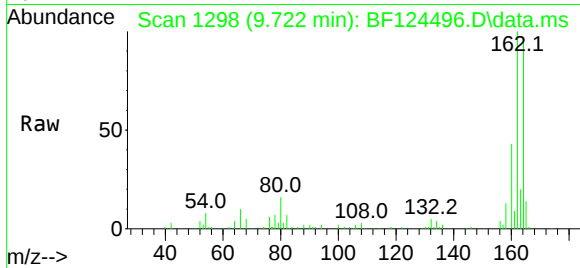




#51
2,6-Dinitrotoluene
Concen: 7.050 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.194 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

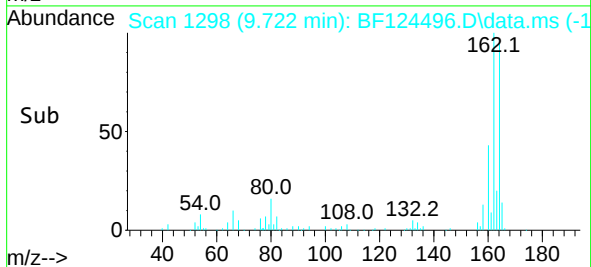
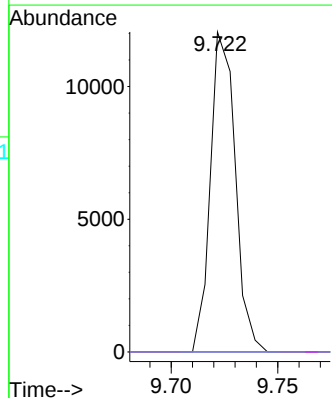
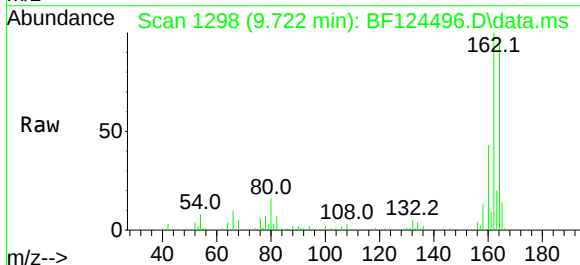
Instrument :
BNA_F
ClientSampled :
FS-03

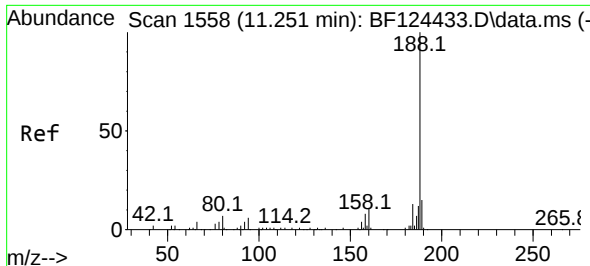
Tgt Ion:165 Resp: 9788
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.319 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.212 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

Tgt Ion:165 Resp: 9788
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

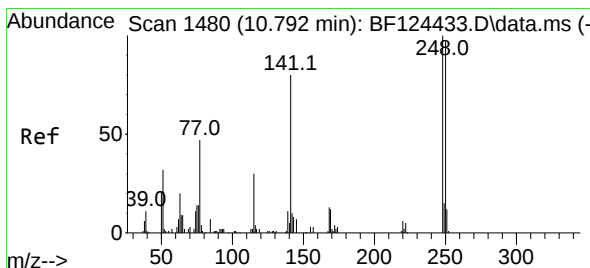
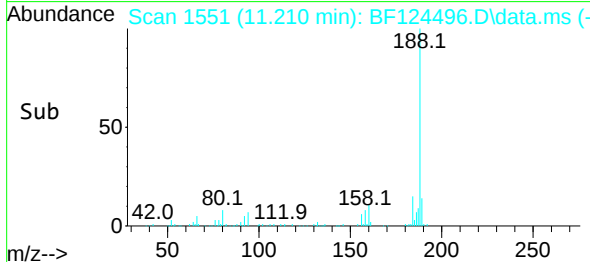
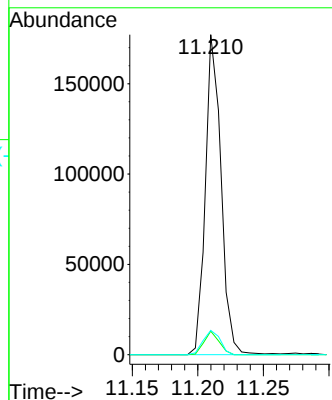
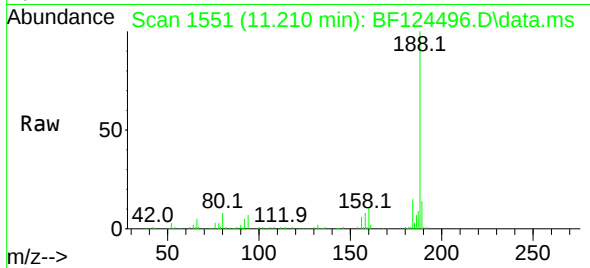




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

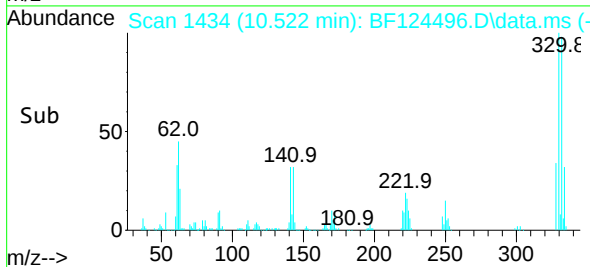
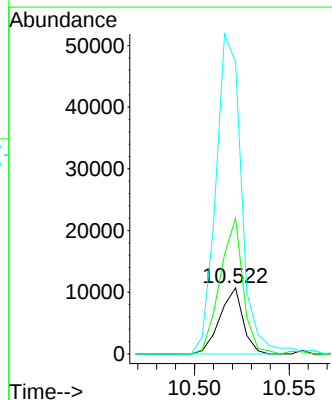
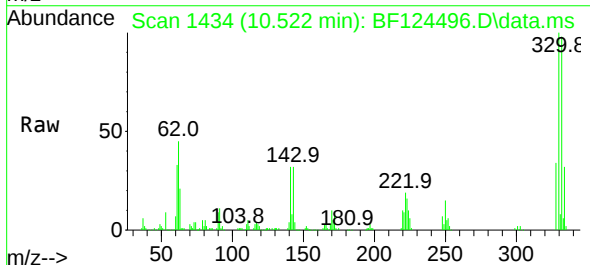
Instrument :
BNA_F
ClientSampled :
FS-03

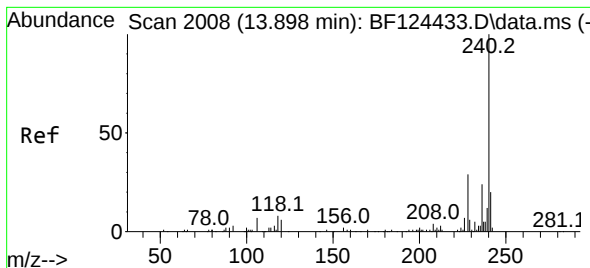
Tgt Ion:188 Resp: 147890
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 7.6 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 4.582 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

Tgt Ion:248 Resp: 9117
Ion Ratio Lower Upper
248 100
250 205.5 77.4 116.2#
141 442.1 63.7 95.5#

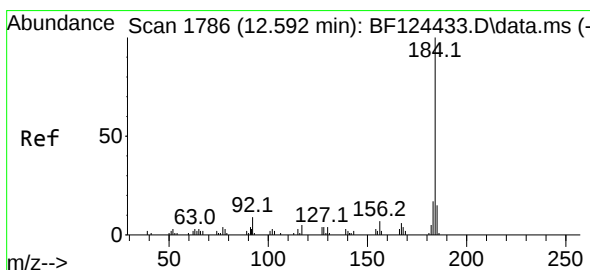
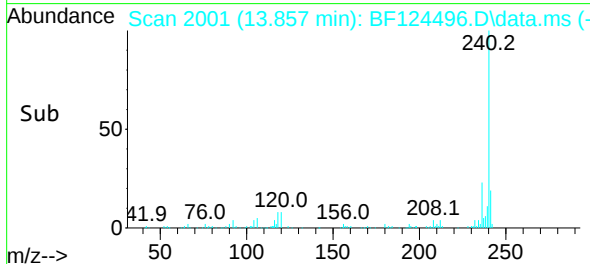
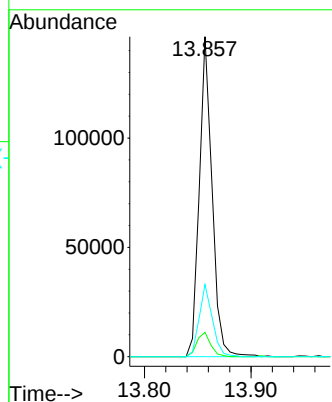
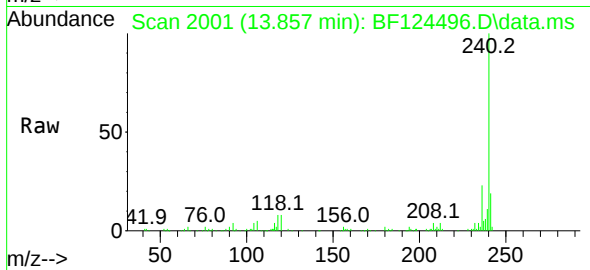




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

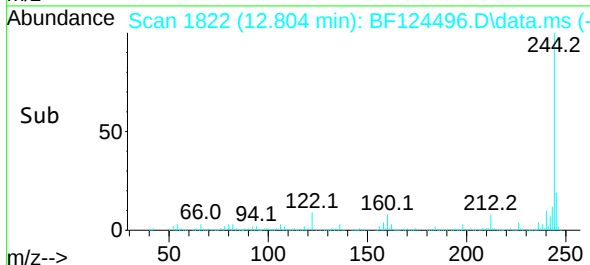
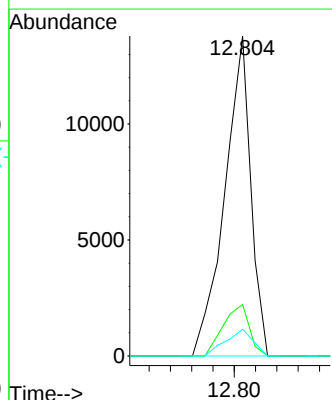
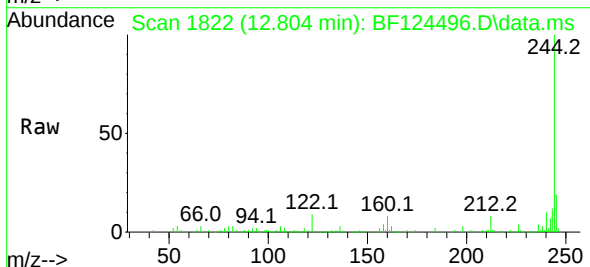
Instrument :
BNA_F
ClientSampled :
FS-03

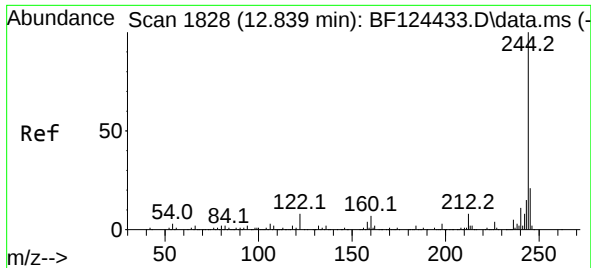
Tgt Ion:240 Resp: 122339
Ion Ratio Lower Upper
240 100
120 7.6 7.2 10.8
236 22.6 19.0 28.4



#77
Benzidine
Concen: 4.765 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.253 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

Tgt Ion:184 Resp: 11683
Ion Ratio Lower Upper
184 100
185 16.1 12.1 18.1
183 8.4 7.8 11.8

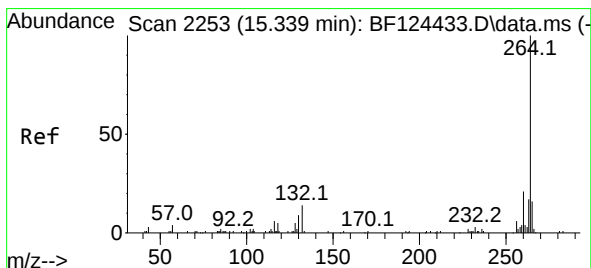
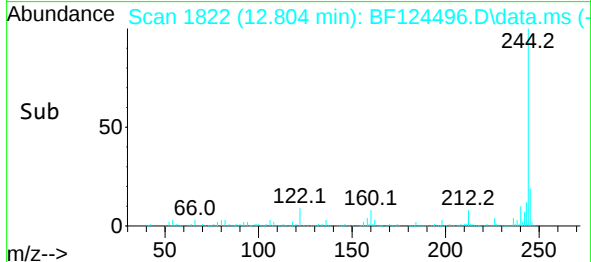
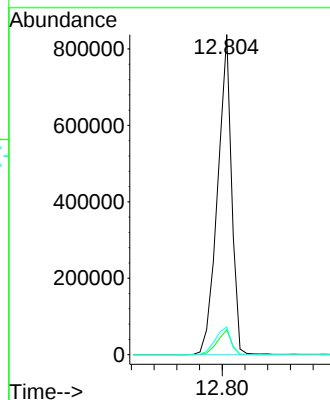
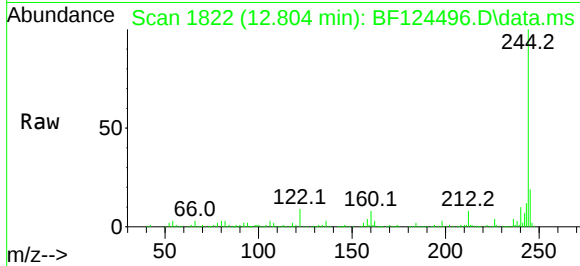




#79
Terphenyl-d14
Concen: 87.912 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.006 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

Instrument :
BNA_F
ClientSampled :
FS-03

Tgt Ion:244 Resp: 718062
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 8.7 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.286 min Scan# 2244
Delta R.T. 0.000 min
Lab File: BF124496.D
Acq: 30 Jun 2021 17:05

Tgt Ion:264 Resp: 83536
Ion Ratio Lower Upper
264 100
260 23.5 18.7 28.1
265 17.9 17.8 26.8

