

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
 Data File : BF124465.D
 Acq On : 25 Jun 2021 22:28
 Operator : JU/CG
 Sample : M2860-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ASH

Quant Time: Jun 26 02:43:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 25 13:23:23 2021
 Response via : Initial Calibration

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

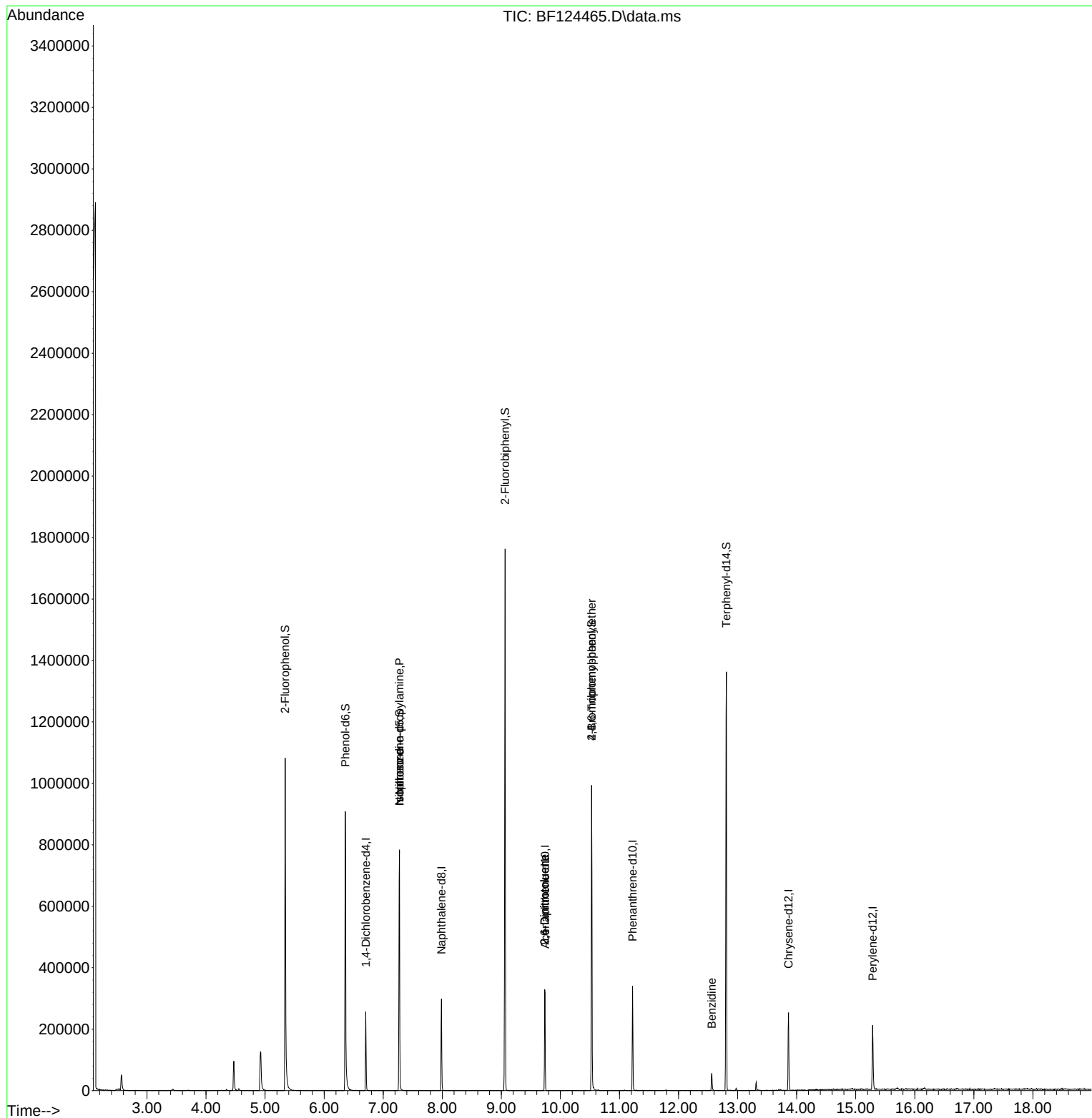
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	32124	20.000	ng	0.00
21) Naphthalene-d8	7.987	136	114276	20.000	ng	# 0.00
39) Acenaphthene-d10	9.739	164	66848	20.000	ng	0.00
64) Phenanthrene-d10	11.222	188	110775	20.000	ng	# 0.00
76) Chrysene-d12	13.863	240	86200	20.000	ng	0.00
86) Perylene-d12	15.286	264	79718	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	251484	123.119	ng	0.01
7) Phenol-d6	6.357	99	284442	106.651	ng	0.00
23) Nitrobenzene-d5	7.275	82	240777	87.361	ng	0.00
42) 2,4,6-Tribromophenol	10.528	330	104759	131.169	ng	0.00
45) 2-Fluorobiphenyl	9.063	172	459172	84.143	ng	0.00
79) Terphenyl-d14	12.810	244	435648	75.697	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.275	70	33555	18.708	ng	# 62
25) Isophorone	7.275	82	240775	50.812	ng	# 69
51) 2,6-Dinitrotoluene	9.734	165	7494	6.155	ng	# 12
57) 2,4-Dinitrotoluene	9.734	165	7494	4.644	ng	# 17
67) 4-Bromophenyl-phenylether	10.528	248	7035	4.721	ng	# 1
77) Benzidine	12.563	184	22736	13.161	ng	# 95

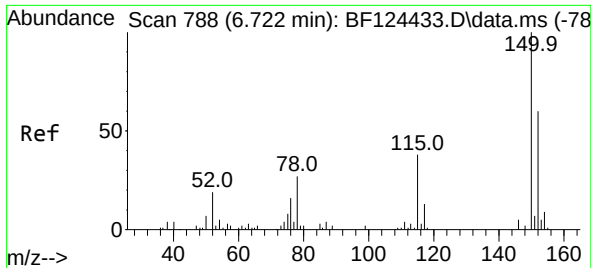
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062521\
Data File : BF124465.D
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Sample : M2860-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Time: Jun 26 02:43:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 25 13:23:23 2021
Response via : Initial Calibration

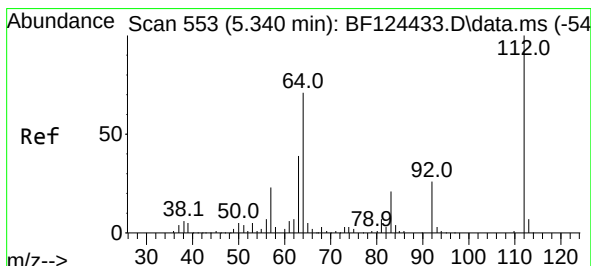
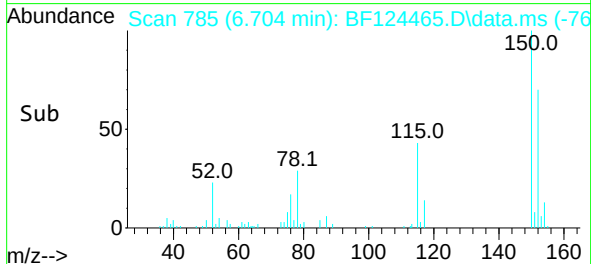
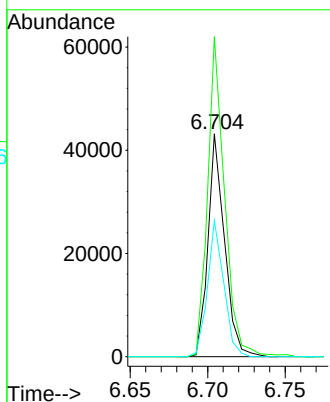
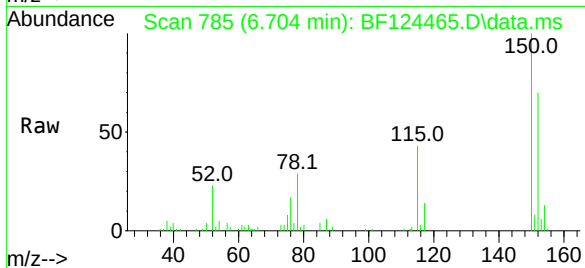




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 785
Delta R.T. 0.000 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

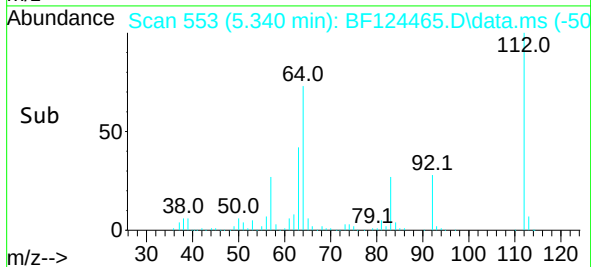
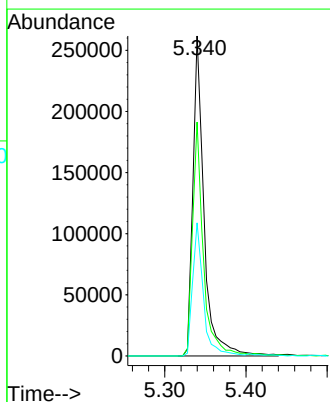
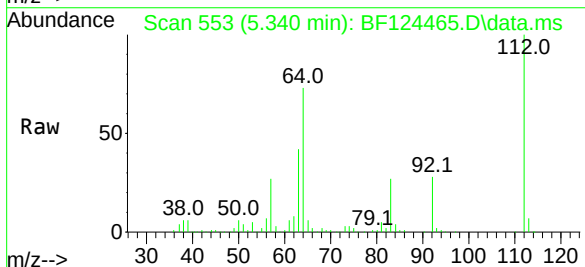
Instrument :
BNA_F
ClientSampled :
ASH

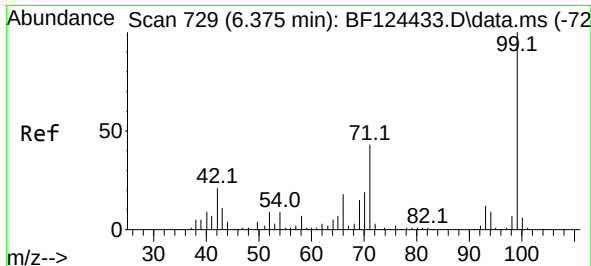
Tgt Ion:152 Resp: 32124
Ion Ratio Lower Upper
152 100
150 143.6 127.0 190.6
115 61.1 54.3 81.5



#5
2-Fluorophenol
Concen: 123.119 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

Tgt Ion:112 Resp: 251484
Ion Ratio Lower Upper
112 100
64 73.1 61.4 92.0
63 41.6 33.0 49.4

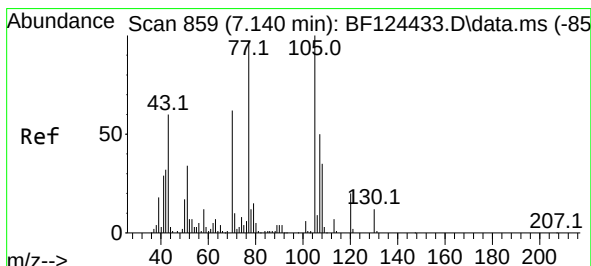
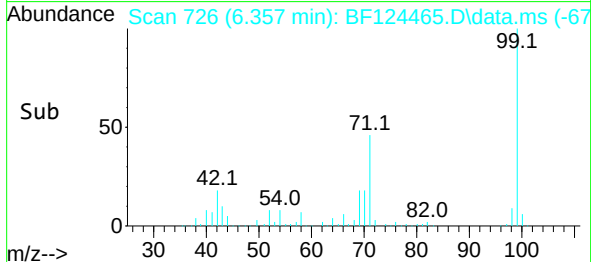
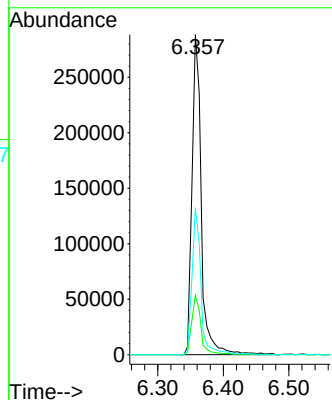
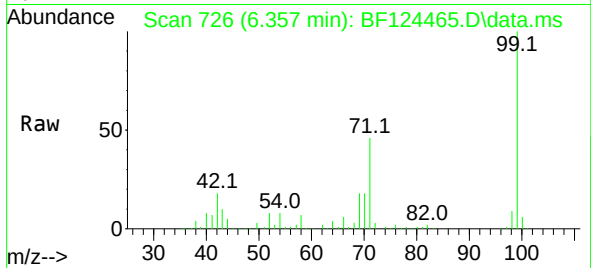




#7
Phenol-d6
Concen: 106.651 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

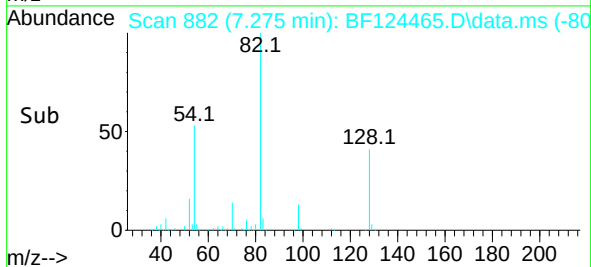
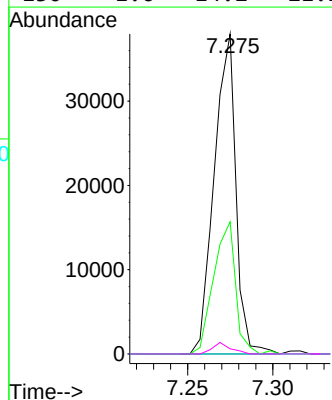
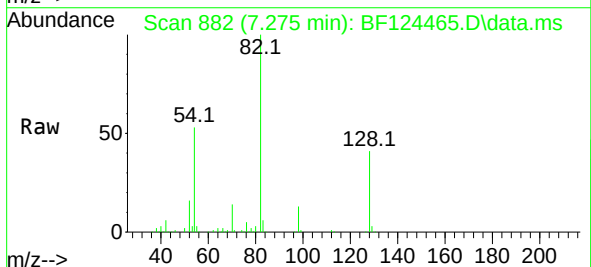
Instrument :
BNA_F
ClientSampleId :
ASH

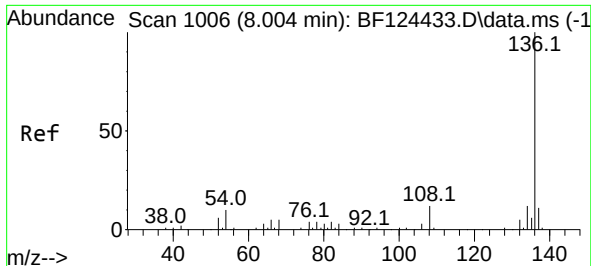
Tgt Ion: 99 Resp: 284442
Ion Ratio Lower Upper
99 100
42 18.5 19.8 29.8#
71 45.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.708 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.147 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

Tgt Ion: 70 Resp: 33555
Ion Ratio Lower Upper
70 100
42 41.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

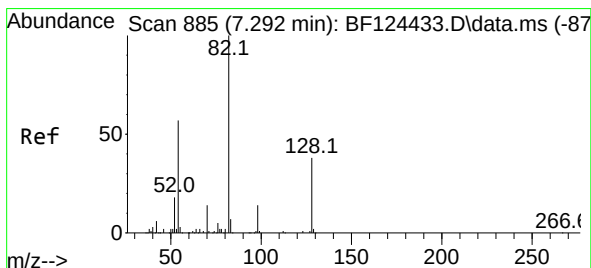
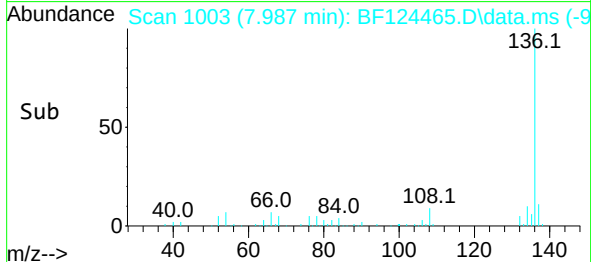
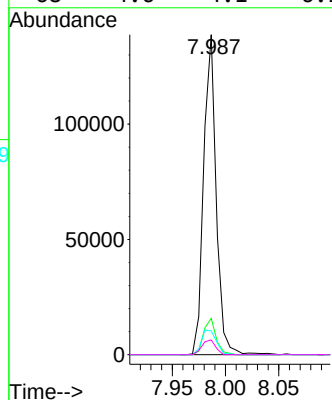
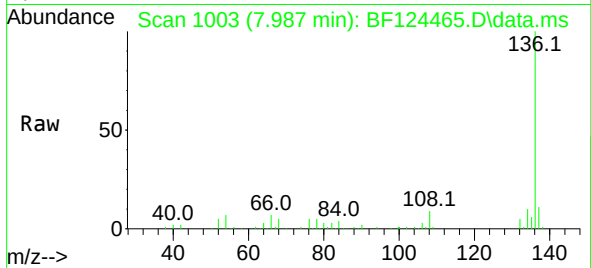




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.987 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

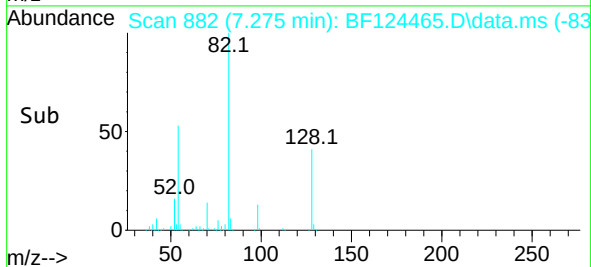
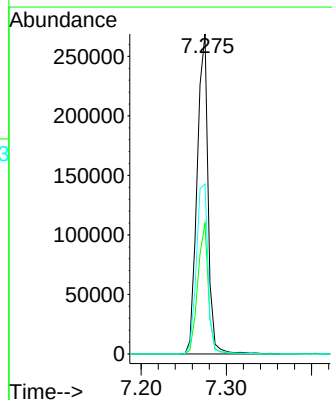
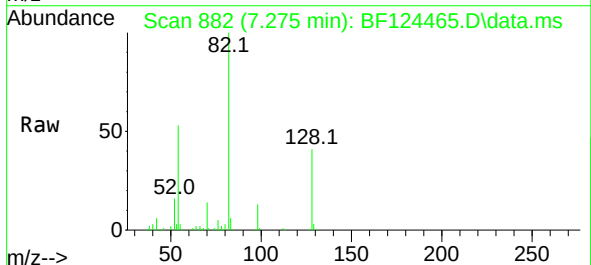
Instrument :
BNA_F
ClientSampleId :
ASH

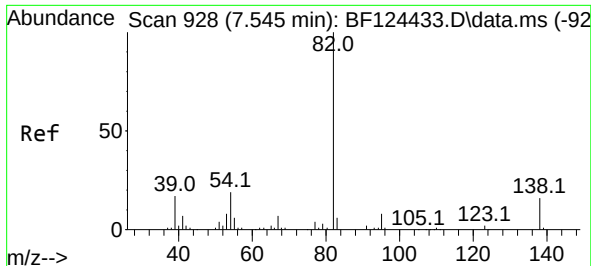
Tgt Ion:136	Resp: 114276
Ion Ratio	Lower Upper
136 100	
137 11.3	8.7 13.1
54 7.4	9.8 14.6#
68 4.6	4.1 6.1



#23
Nitrobenzene-d5
Concen: 87.361 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

Tgt Ion: 82	Resp: 240777
Ion Ratio	Lower Upper
82 100	
128 40.9	29.4 44.2
54 53.1	54.1 81.1#

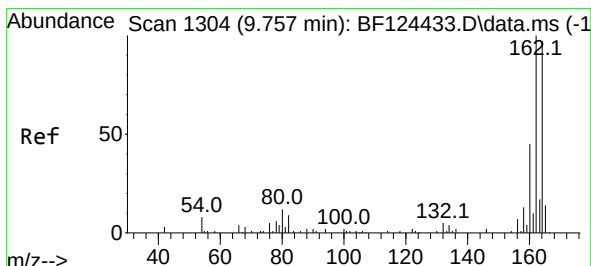
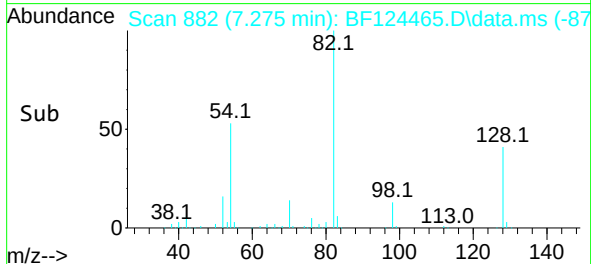
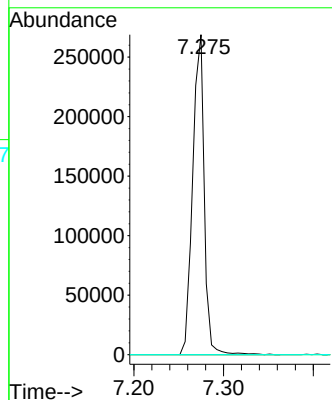
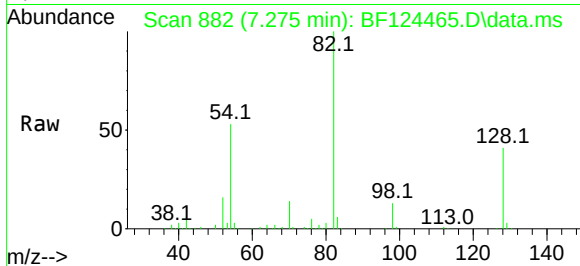




#25
Isophorone
Concen: 50.812 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.259 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

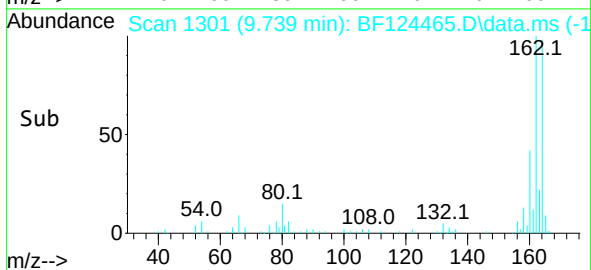
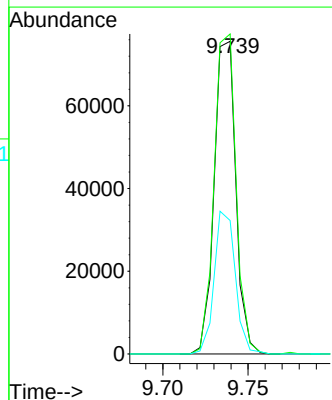
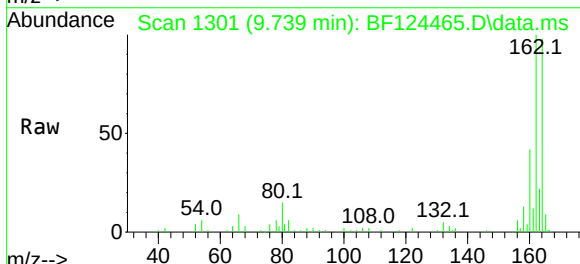
Instrument :
BNA_F
ClientSampleId :
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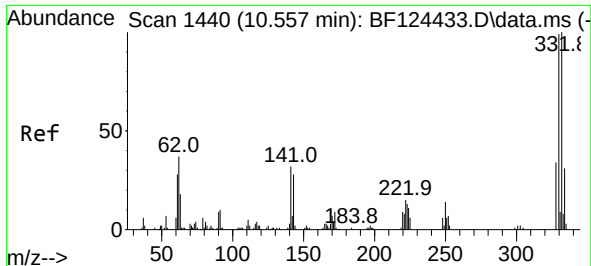
Tgt Ion: 82 Resp: 240775
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

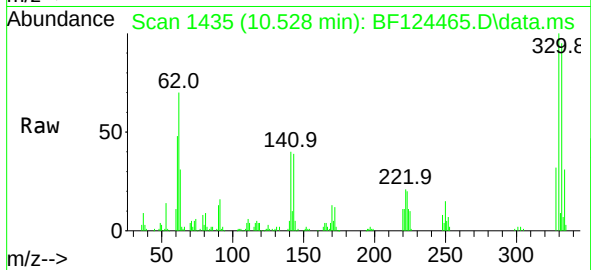
Tgt Ion: 164 Resp: 66848
Ion Ratio Lower Upper
164 100
162 102.4 80.7 121.1
160 42.7 37.3 55.9



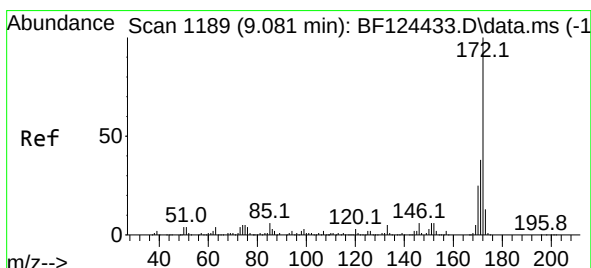
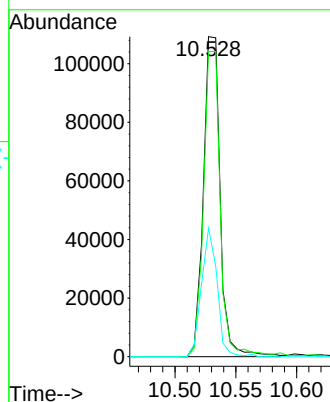
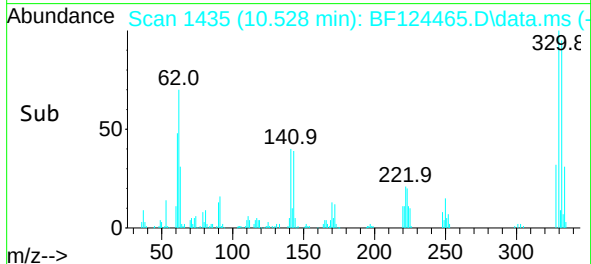


#42
2,4,6-Tribromophenol
Concen: 131.169 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

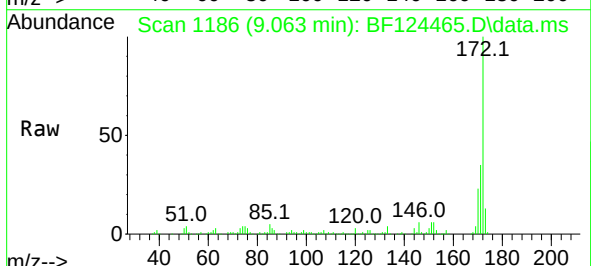
Instrument :
BNA_F
ClientSampled :
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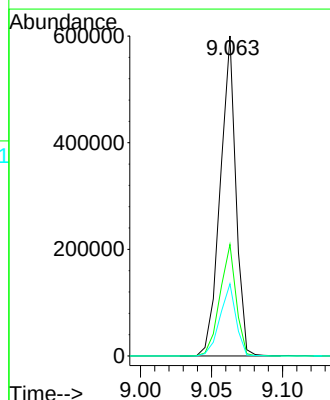
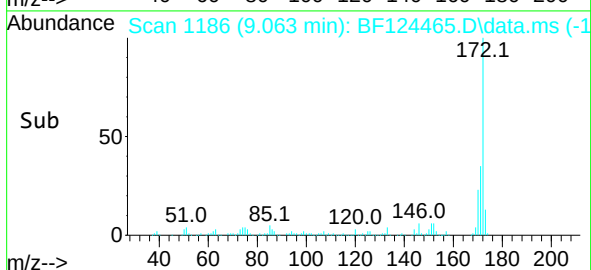
Tgt Ion:330 Resp: 104759
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 37.5 27.9 41.9

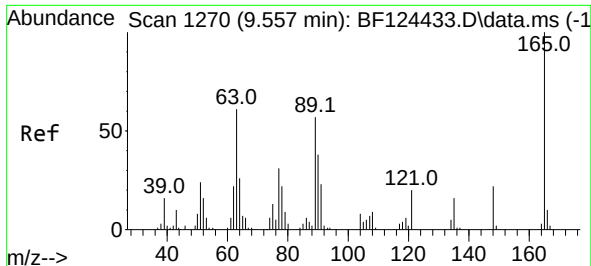


#45
2-Fluorobiphenyl
Concen: 84.143 ng
RT: 9.063 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28



Tgt Ion:172 Resp: 459172
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.5 19.2 28.8

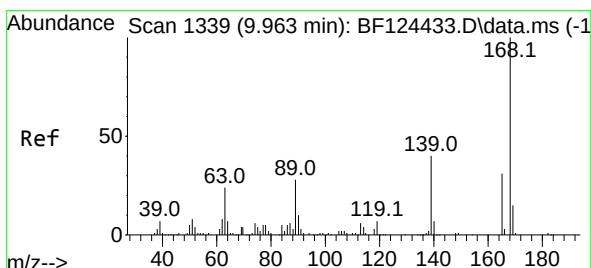
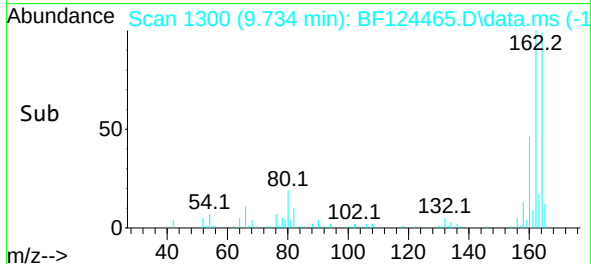
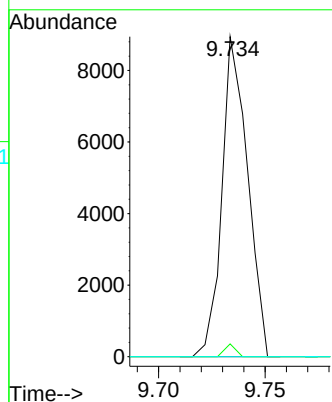
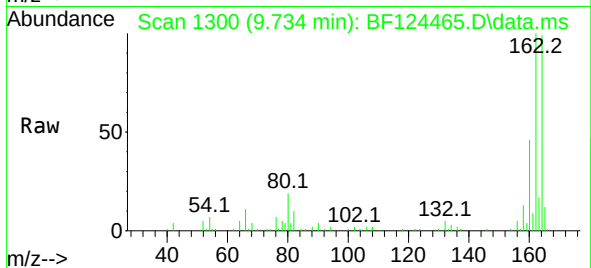




#51
2,6-Dinitrotoluene
Concen: 6.155 ng
RT: 9.734 min Scan# 1300
Delta R.T. 0.194 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

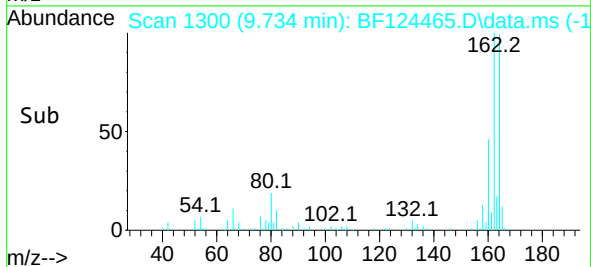
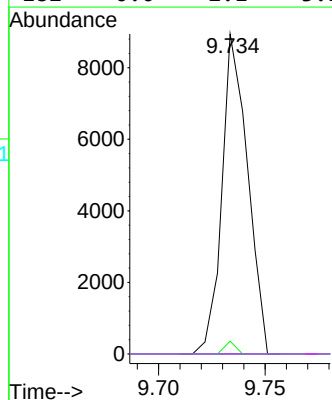
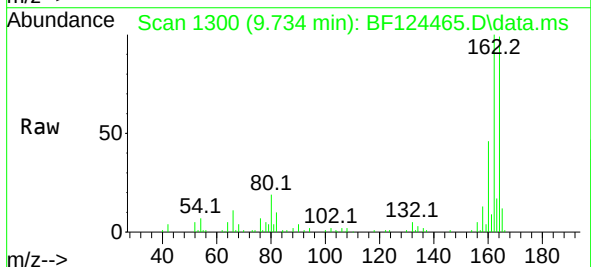
Instrument :
BNA_F
ClientSampled :
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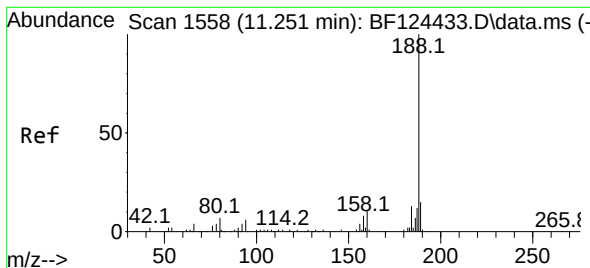
Tgt Ion:165 Resp: 7494
Ion Ratio Lower Upper
165 100
63 4.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 4.644 ng
RT: 9.734 min Scan# 1300
Delta R.T. -0.212 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

Tgt Ion:165 Resp: 7494
Ion Ratio Lower Upper
165 100
63 4.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

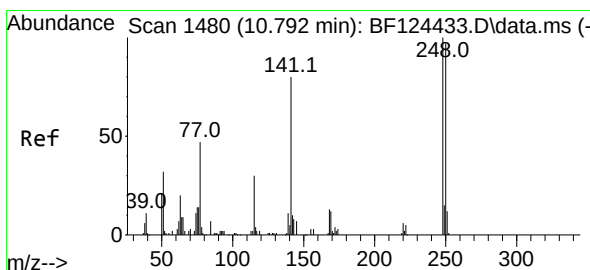
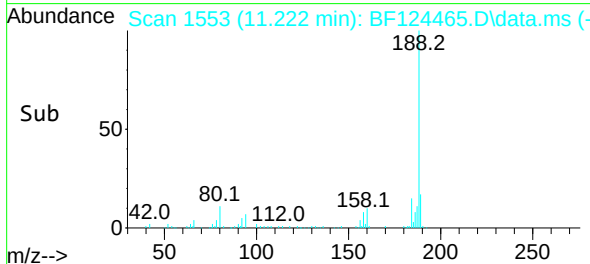
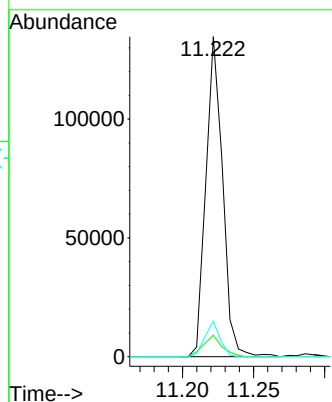
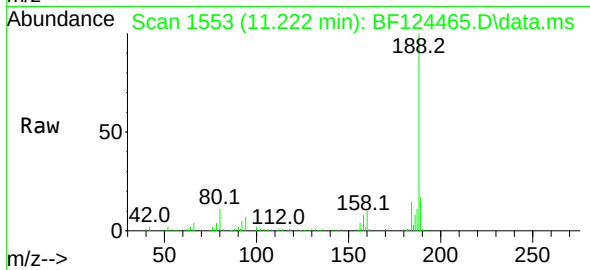




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

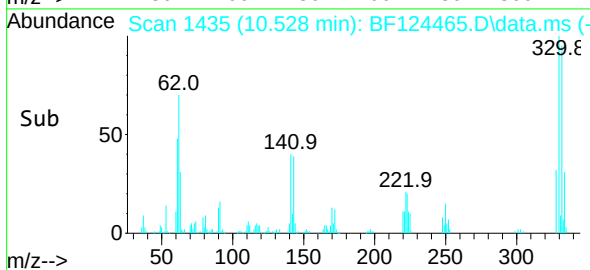
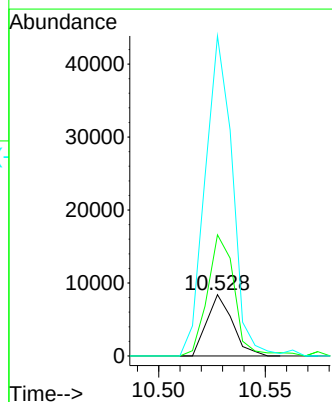
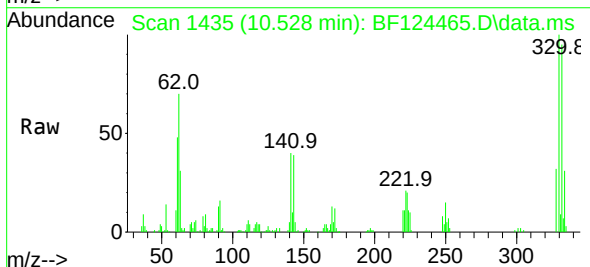
Instrument :
BNA_F
ClientSampleId :
ASH

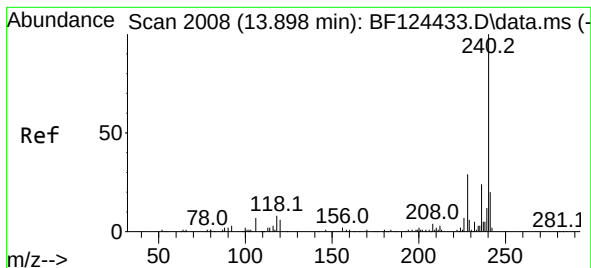
Tgt Ion:188 Resp: 110775
Ion Ratio Lower Upper
188 100
94 6.7 6.9 10.3#
80 11.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.721 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

Tgt Ion:248 Resp: 7035
Ion Ratio Lower Upper
248 100
250 197.9 77.4 116.2#
141 522.6 63.7 95.5#

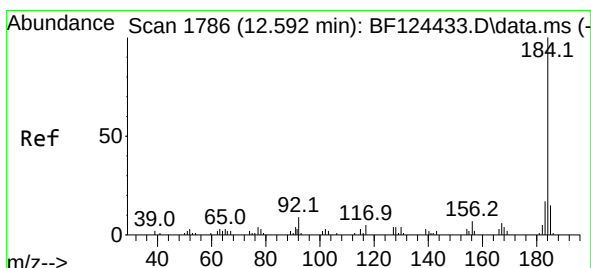
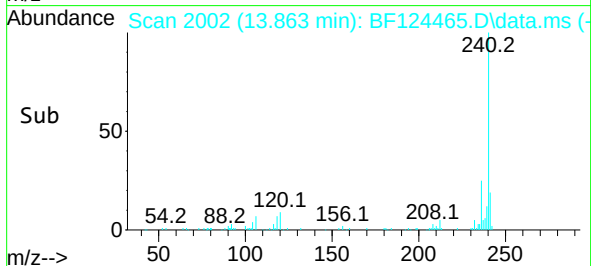
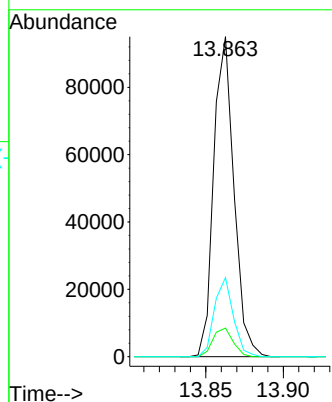
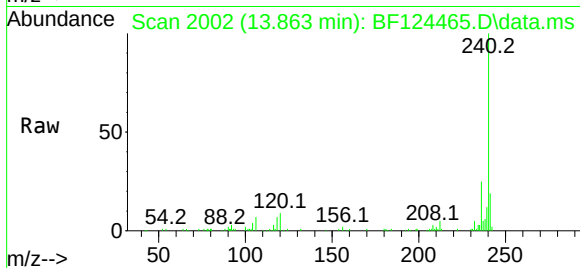




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.863 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

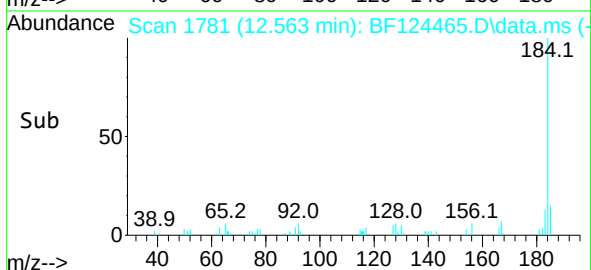
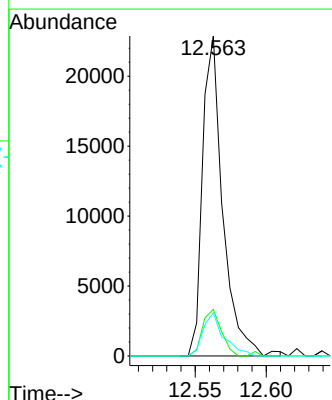
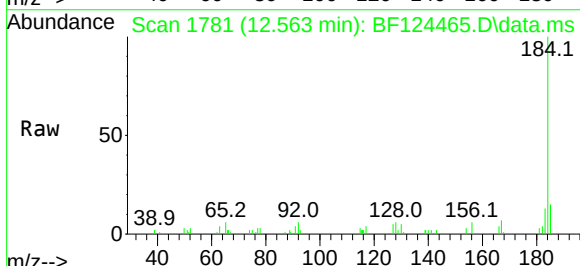
Instrument :
BNA_F
ClientSampleId :
ASH

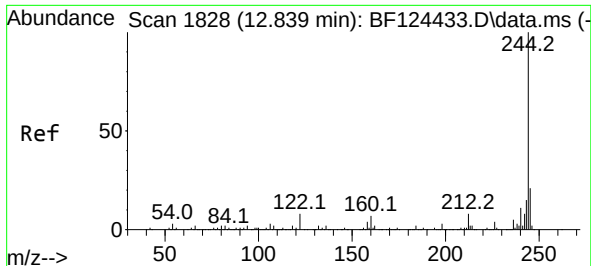
Tgt Ion:240 Resp: 86200
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 24.7 19.0 28.4



#77
Benzidine
Concen: 13.161 ng
RT: 12.563 min Scan# 1781
Delta R.T. 0.000 min
Lab File: BF124465.D
Acq: 25 Jun 2021 22:28

Tgt Ion:184 Resp: 22736
Ion Ratio Lower Upper
184 100
185 14.5 12.1 18.1
183 13.4 7.8 11.8#

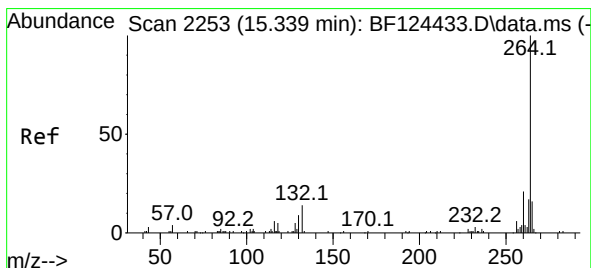
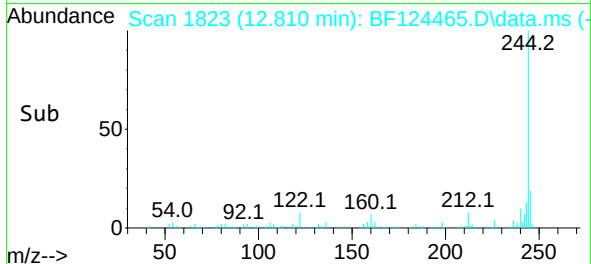
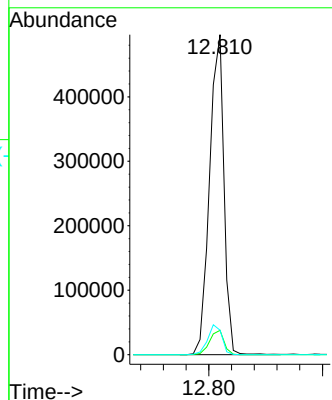
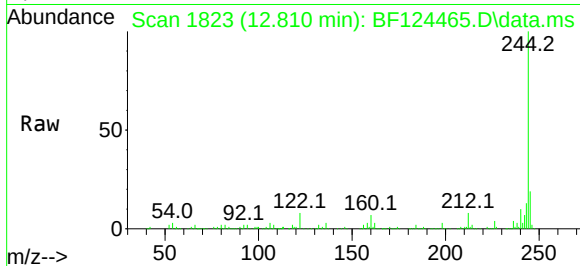




#79
 Terphenyl-d14
 Concen: 75.697 ng
 RT: 12.810 min Scan# 1823
 Delta R.T. 0.000 min
 Lab File: BF124465.D
 Acq: 25 Jun 2021 22:28

Instrument :
 BNA_F
 ClientSampled :
 ASH

Tgt Ion:244 Resp: 435648
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 7.7 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. -0.006 min
 Lab File: BF124465.D
 Acq: 25 Jun 2021 22:28

Tgt Ion:264 Resp: 79718
 Ion Ratio Lower Upper
 264 100
 260 25.8 18.7 28.1
 265 20.7 17.8 26.8

