

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140207.D
 Acq On : 01 Nov 2024 12:33
 Operator : RC/JU
 Sample : P4578-02RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 13:16:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

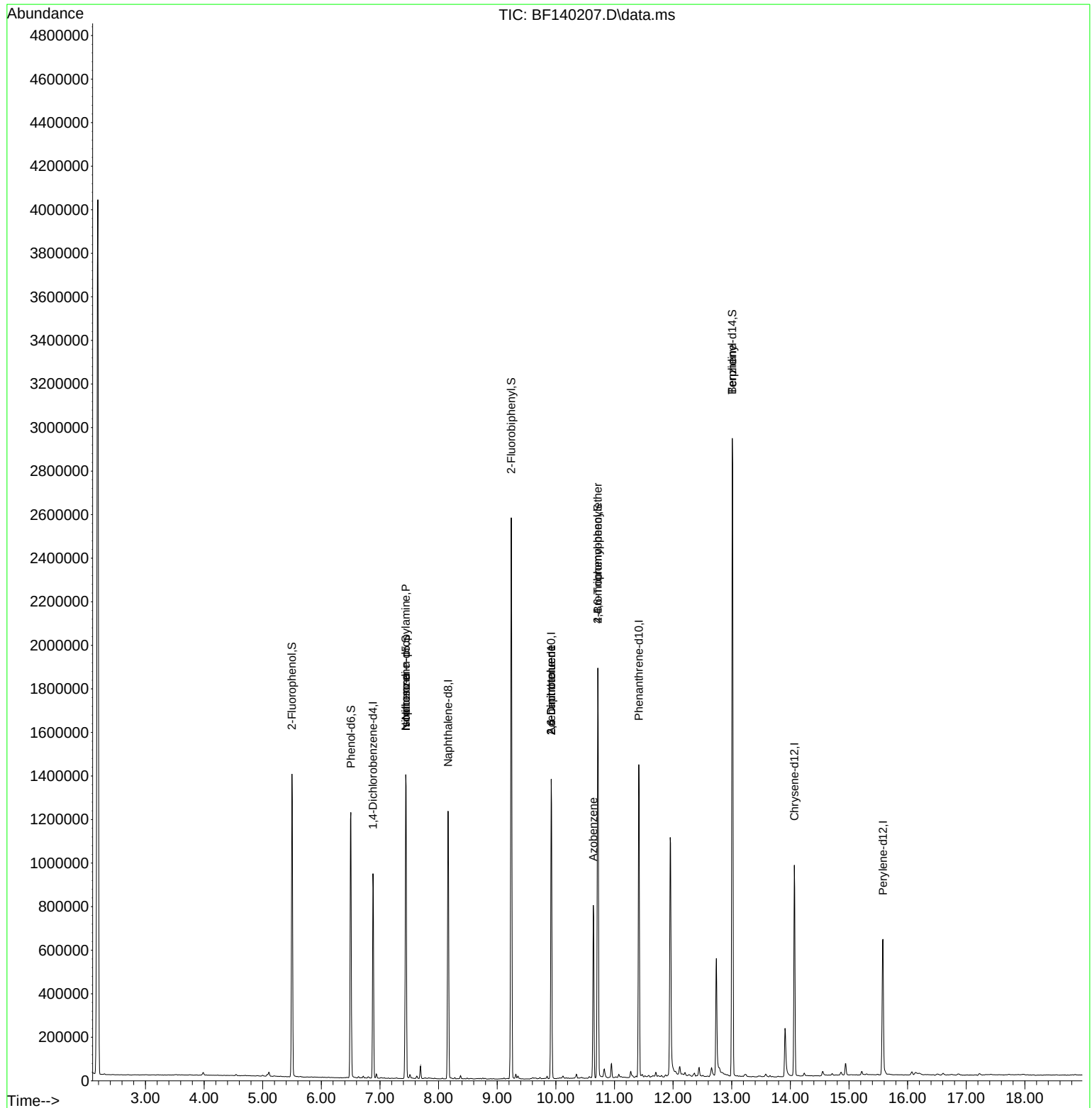
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	186612	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	733188	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	415849	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	750159	20.000	ng	0.00
76) Chrysene-d12	14.068	240	460215	20.000	ng	0.02
86) Perylene-d12	15.580	264	381772	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	486703	40.830	ng	0.00
7) Phenol-d6	6.504	99	545169	35.312	ng	0.00
23) Nitrobenzene-d5	7.439	82	639007	48.304	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	323842	83.256	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1165500	46.320	ng	-0.01
79) Terphenyl-d14	13.010	244	1531195	54.215	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	87545	9.350	ng	# 79
25) Isophorone	7.439	82	635750	25.320	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	53382	9.518	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	53382	7.740	ng	# 21
63) Azobenzene	10.639	77	209391	7.766	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	21037	2.722	ng	# 1
77) Benzidine	13.010	184	19965	2.638	ng	# 93

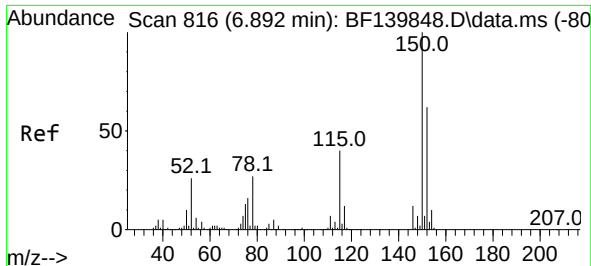
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

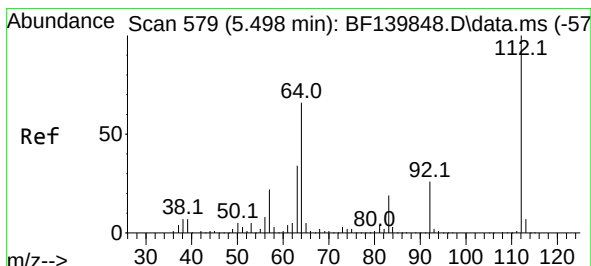
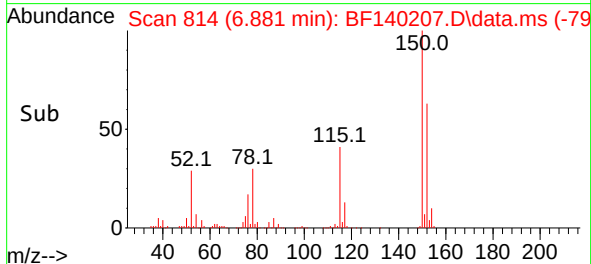
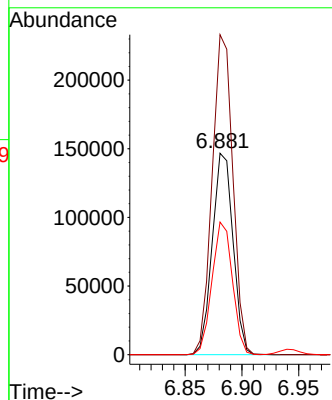
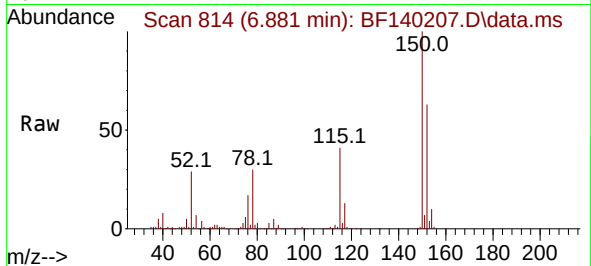




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

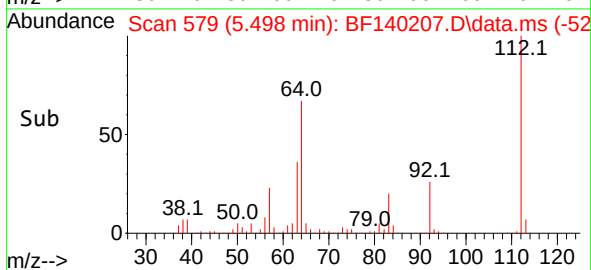
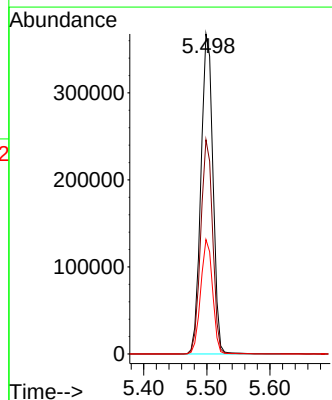
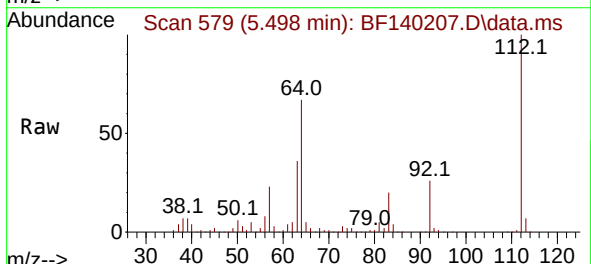
Instrument :
BNA_F
ClientSampleId :

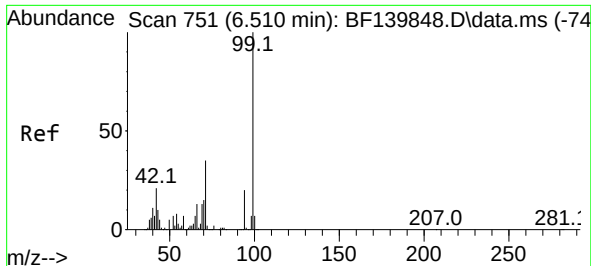
Tgt Ion:152 Resp: 186612
Ion Ratio Lower Upper
152 100
150 158.9 130.2 195.2
115 65.9 51.4 77.2



#5
2-Fluorophenol
Concen: 40.830 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

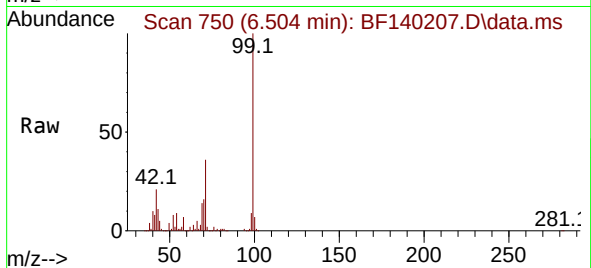
Tgt Ion:112 Resp: 486703
Ion Ratio Lower Upper
112 100
64 67.0 53.0 79.6
63 35.7 27.0 40.4



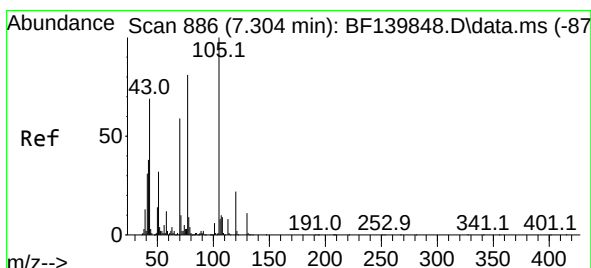
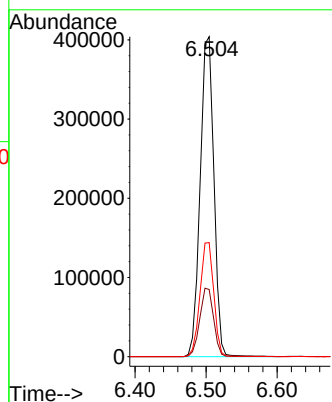
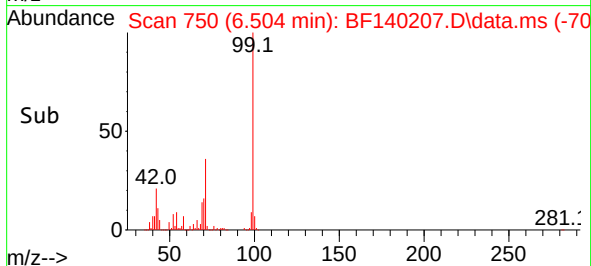


#7
Phenol-d6
Concen: 35.312 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

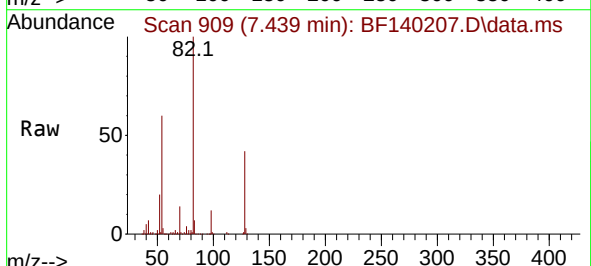
Instrument :
BNA_F
ClientSampleId :



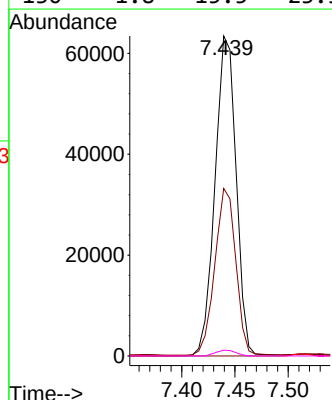
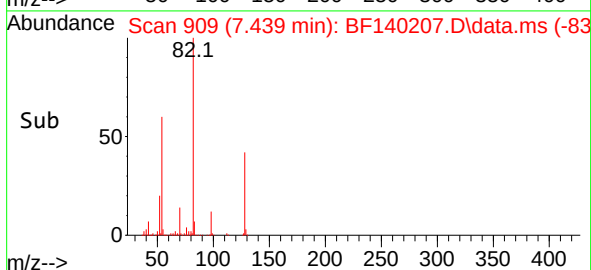
Tgt Ion: 99 Resp: 545169
Ion Ratio Lower Upper
99 100
42 21.0 16.7 25.1
71 35.7 27.7 41.5

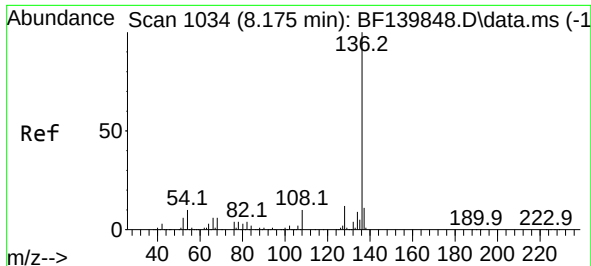


#19
n-Nitroso-di-n-propylamine
Concen: 9.350 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33



Tgt Ion: 70 Resp: 87545
Ion Ratio Lower Upper
70 100
42 52.4 51.5 77.3
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#

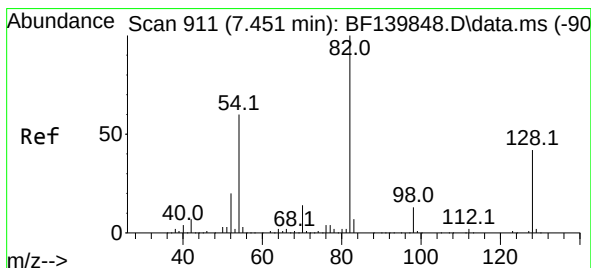
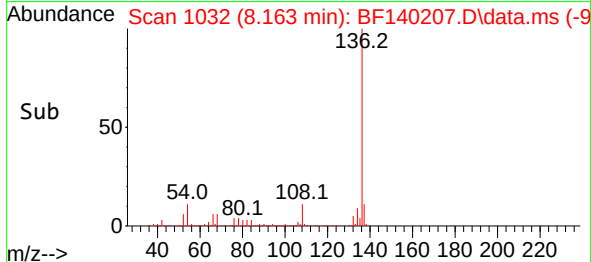
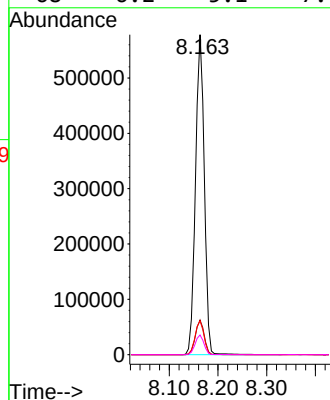
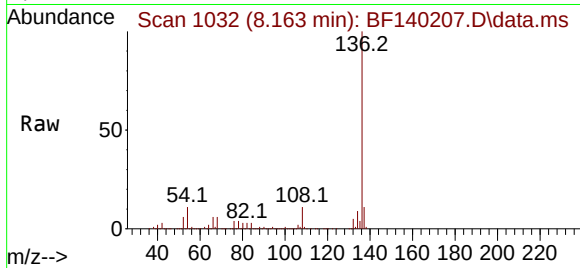




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

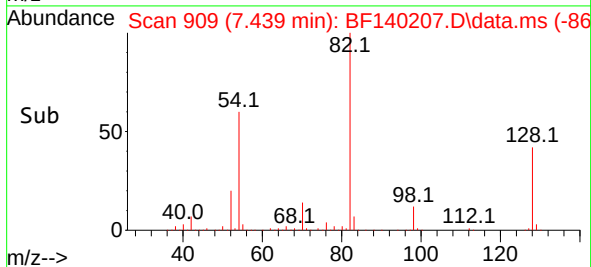
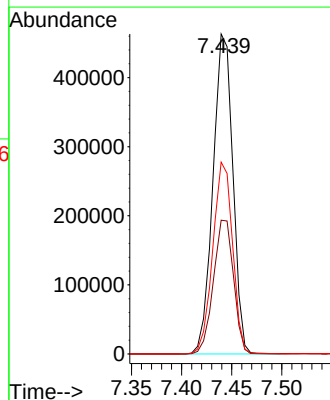
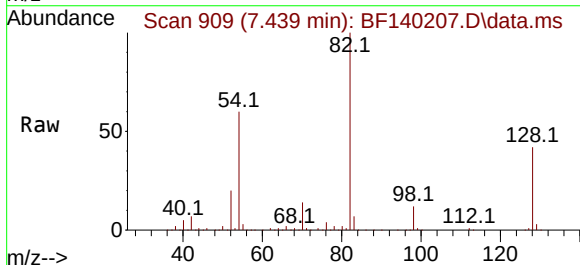
Instrument :
BNA_F
ClientSampleId :

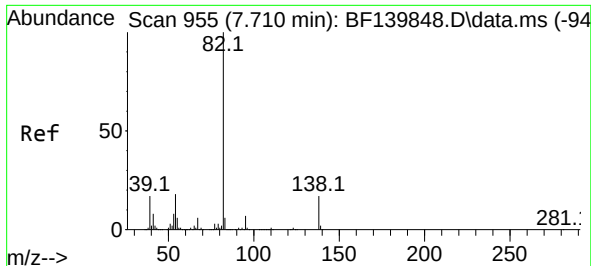
Tgt Ion:136	Resp: 733188
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 12.8
54 10.6	8.4 12.6
68 6.2	5.1 7.7



#23
Nitrobenzene-d5
Concen: 48.304 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

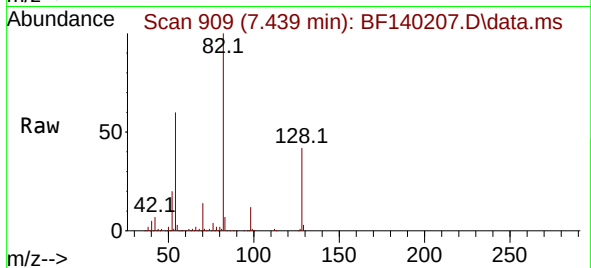
Tgt Ion: 82	Resp: 639007
Ion Ratio	Lower Upper
82 100	
128 41.8	33.4 50.0
54 60.0	47.8 71.8



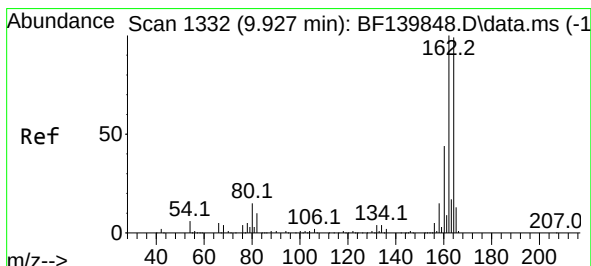
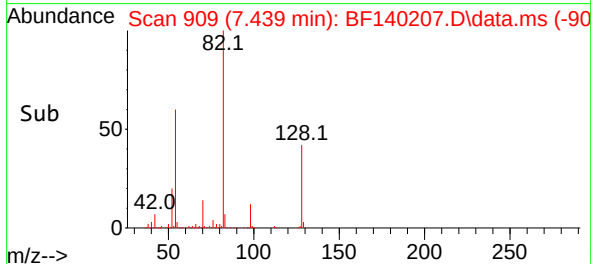
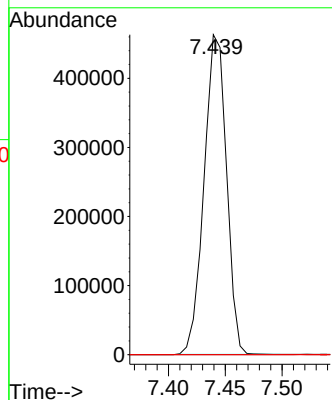


#25
Isophorone
Concen: 25.320 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

Instrument :
BNA_F
ClientSampleId :

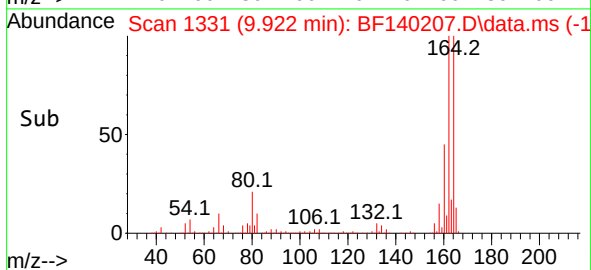
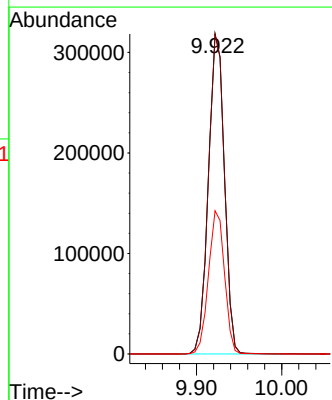
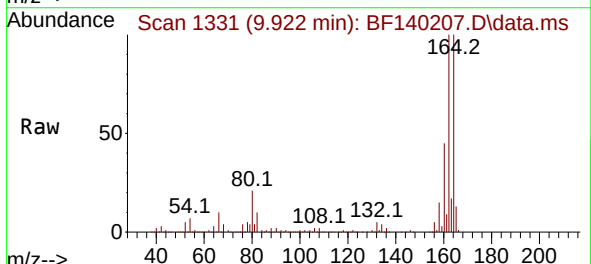


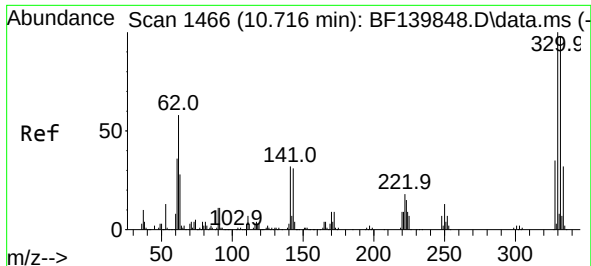
Tgt Ion: 82 Resp: 635750
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

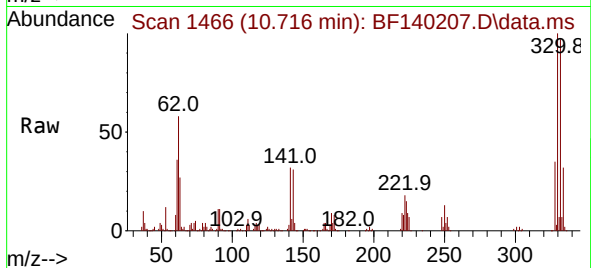
Tgt Ion: 164 Resp: 415849
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 44.8 35.4 53.0



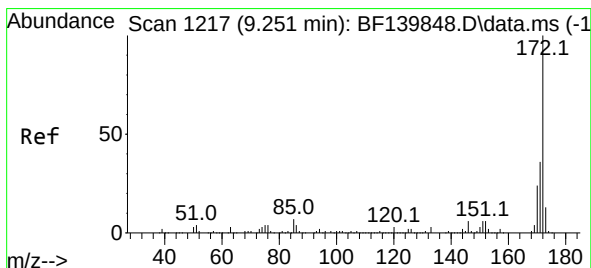
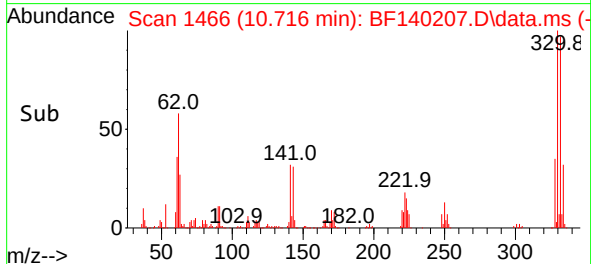
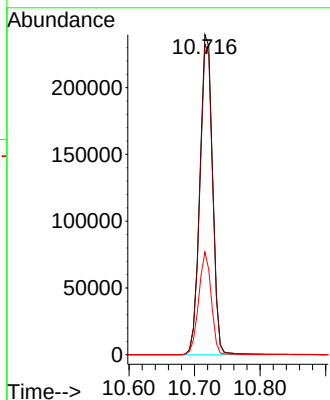


#42
2,4,6-Tribromophenol
Concen: 83.256 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

Instrument :
BNA_F
ClientSampleId :

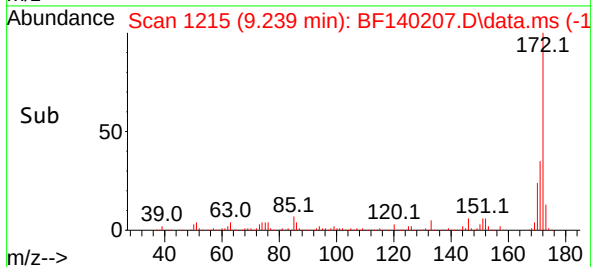
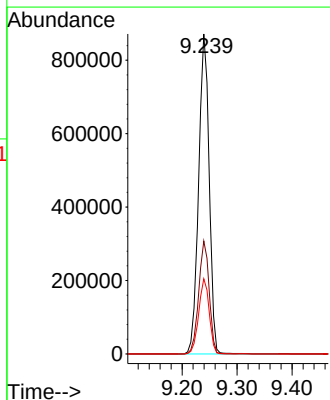
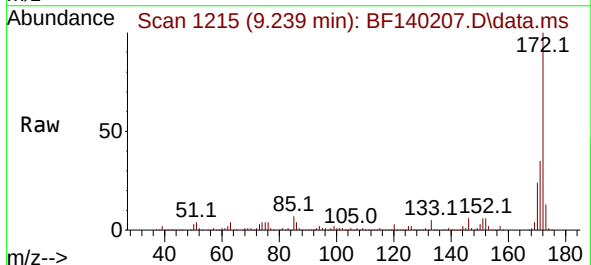


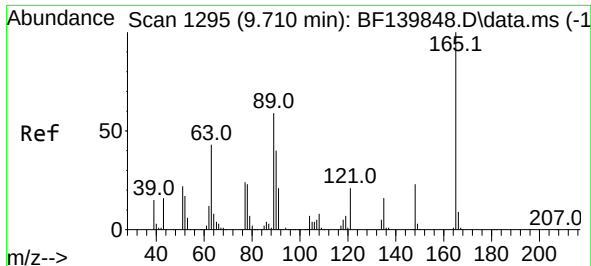
Tgt Ion:330 Resp: 323842
Ion Ratio Lower Upper
330 100
332 97.3 78.1 117.1
141 31.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 46.320 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

Tgt Ion:172 Resp: 1165500
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.5 19.1 28.7

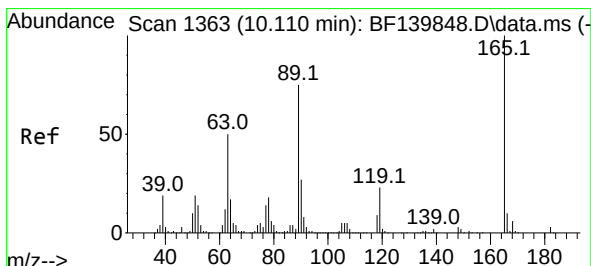
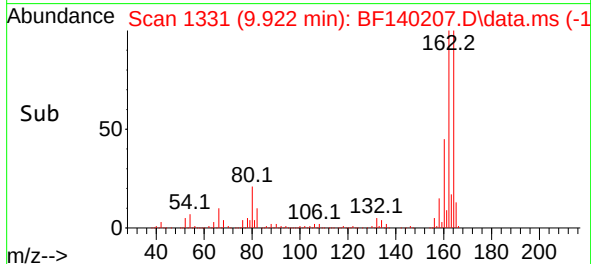
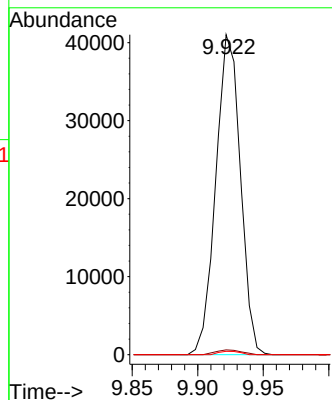
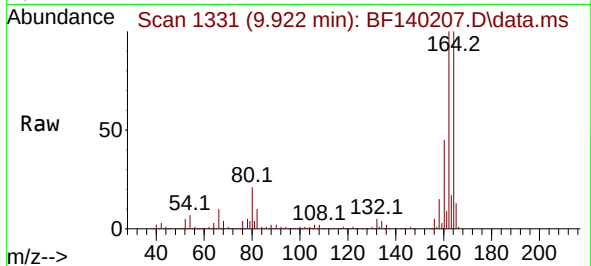




#51
2,6-Dinitrotoluene
Concen: 9.518 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

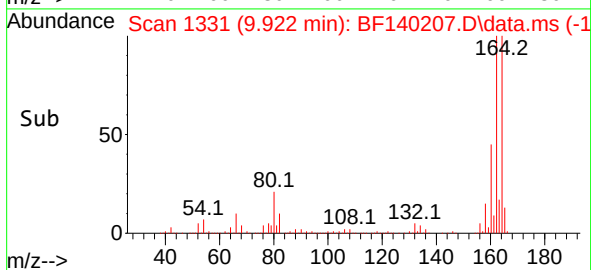
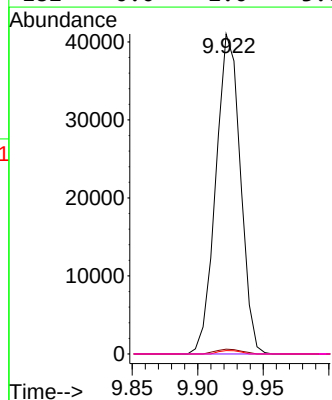
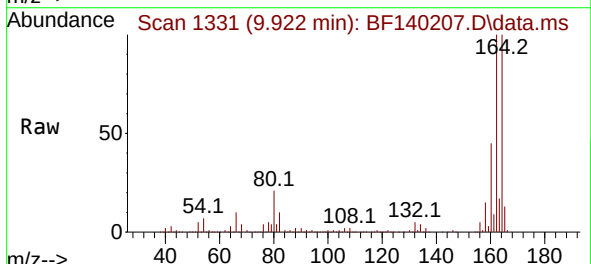
Instrument :
BNA_F
ClientSampleId :

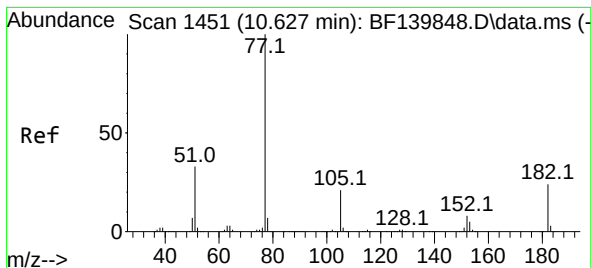
Tgt Ion:165 Resp: 53382
Ion Ratio Lower Upper
165 100
63 1.5 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.740 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

Tgt Ion:165 Resp: 53382
Ion Ratio Lower Upper
165 100
63 1.5 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 7.766 ng

RT: 10.639 min Scan# 1451

Delta R.T. 0.012 min

Lab File: BF140207.D

Acq: 01 Nov 2024 12:33

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 209391

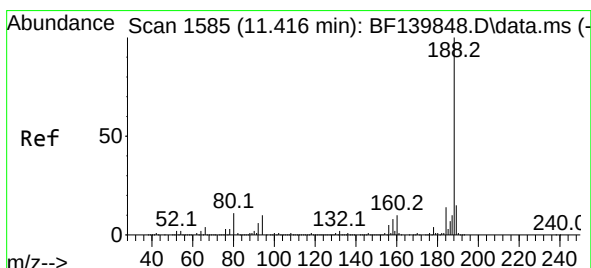
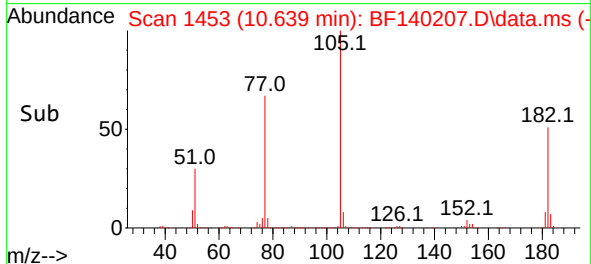
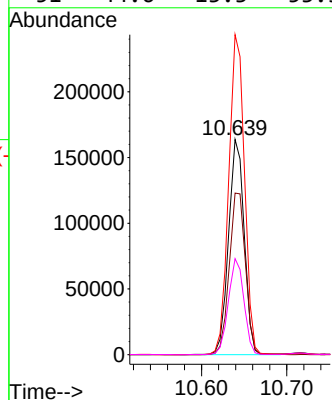
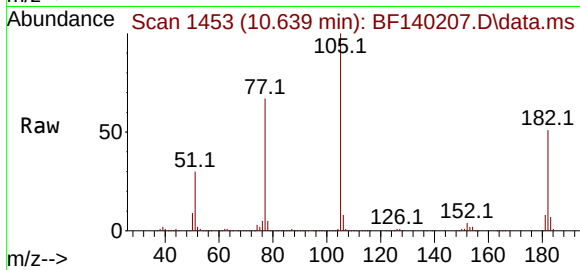
Ion Ratio Lower Upper

77 100

182 75.1 3.3 43.3#

105 148.7 1.2 41.2#

51 44.6 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF140207.D

Acq: 01 Nov 2024 12:33

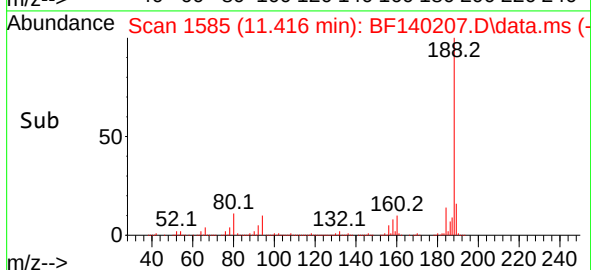
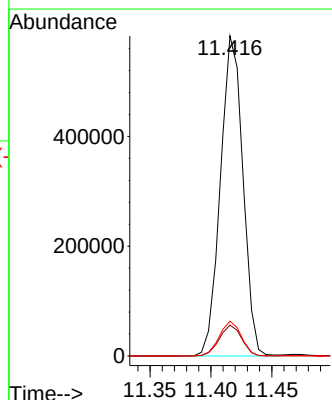
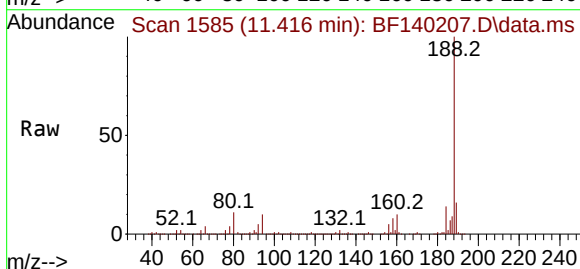
Tgt Ion:188 Resp: 750159

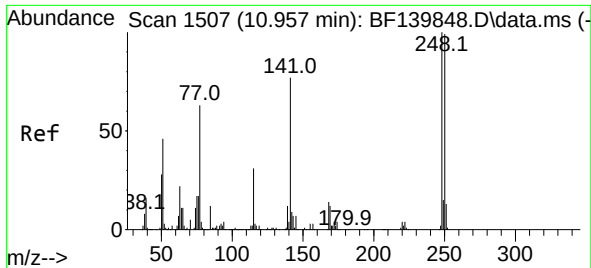
Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

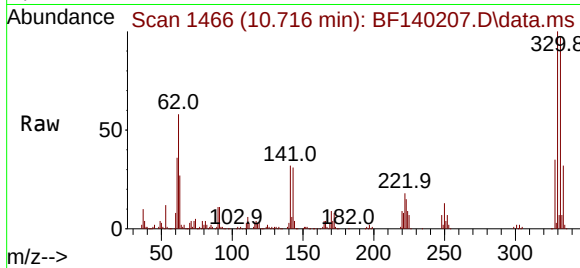
80 10.9 9.0 13.4



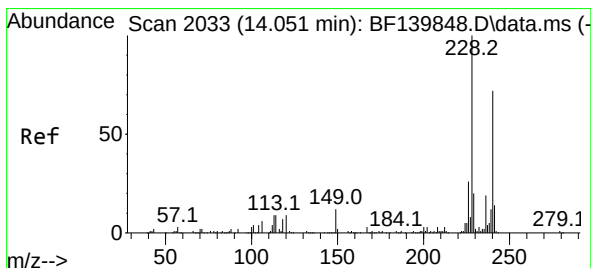
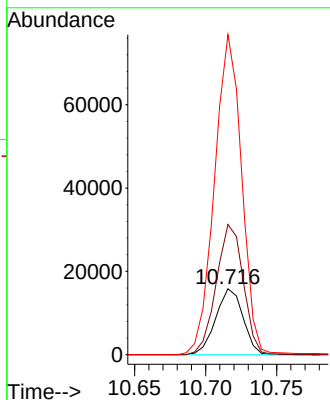
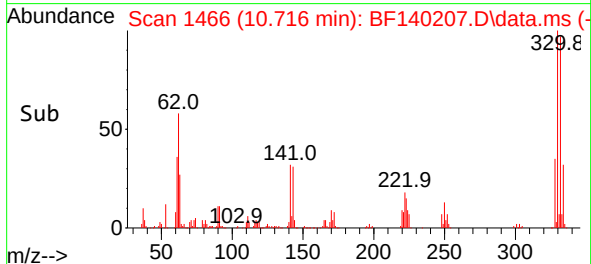


#67
4-Bromophenyl-phenylether
Concen: 2.722 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

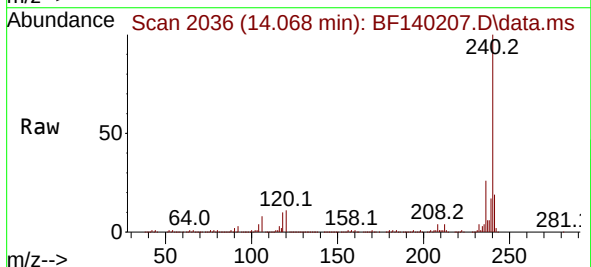
Instrument :
BNA_F
ClientSampleId :



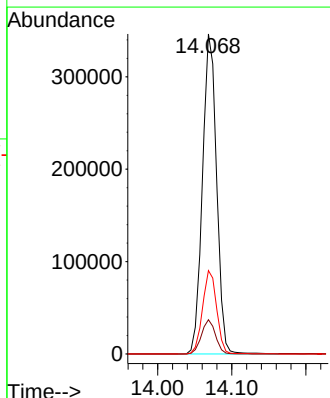
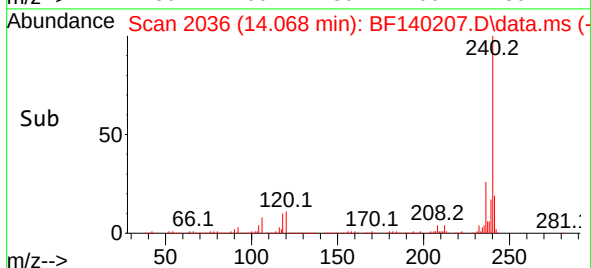
Tgt Ion:248 Resp: 21037
Ion Ratio Lower Upper
248 100
250 197.4 79.0 118.6#
141 484.7 61.7 92.5#

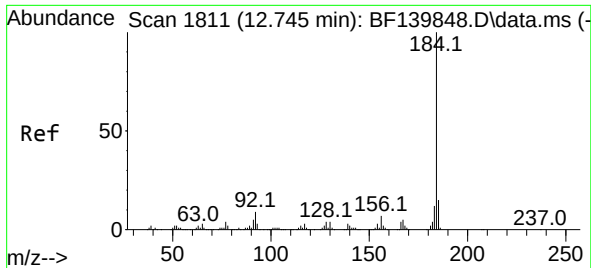


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33



Tgt Ion:240 Resp: 460215
Ion Ratio Lower Upper
240 100
120 10.7 9.4 14.2
236 26.0 20.9 31.3

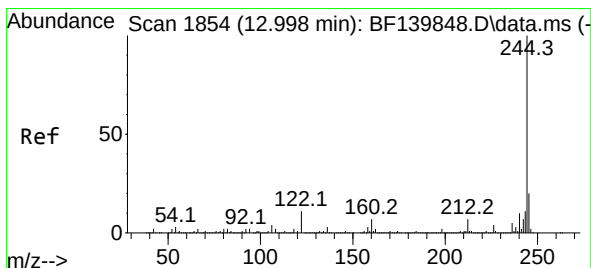
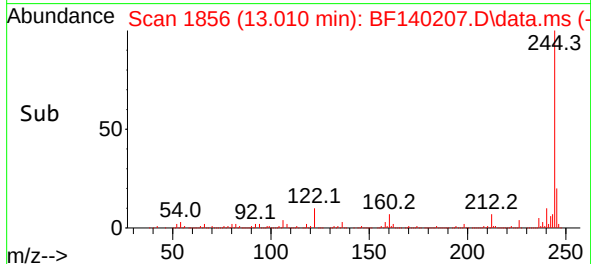
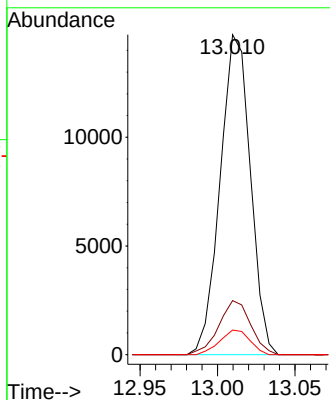
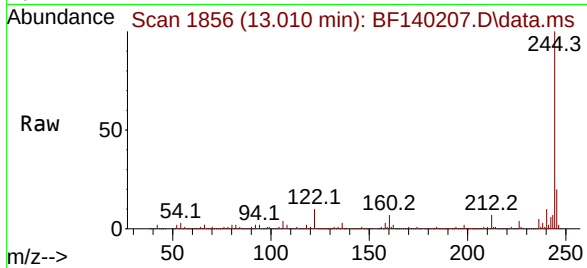




#77
Benzidine
Concen: 2.638 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.265 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

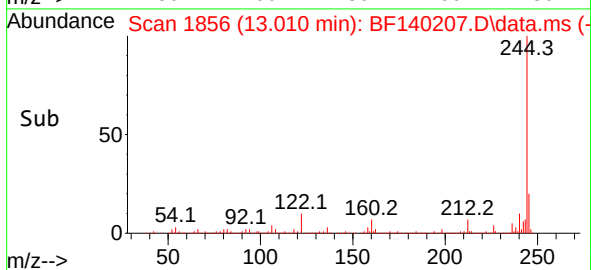
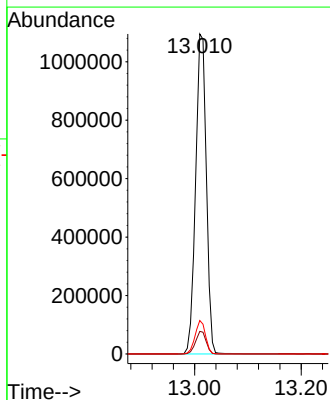
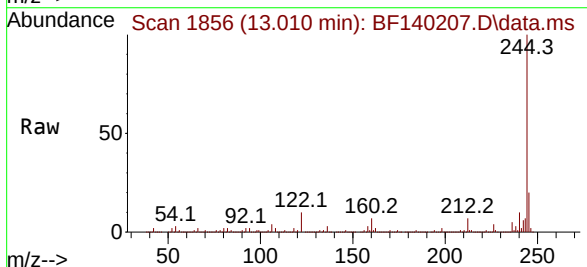
Instrument :
BNA_F
ClientSampleId :

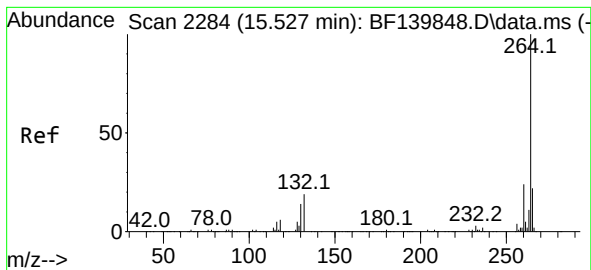
Tgt Ion:184 Resp: 19965
Ion Ratio Lower Upper
184 100
185 16.9 12.0 18.0
183 7.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 54.215 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.012 min
Lab File: BF140207.D
Acq: 01 Nov 2024 12:33

Tgt Ion:244 Resp: 1531195
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 10.5 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 21

Delta R.T. 0.053 min

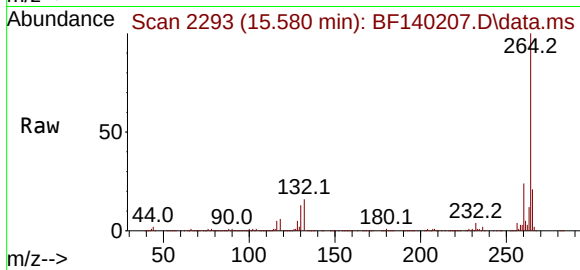
Lab File: BF140207.D

Acq: 01 Nov 2024 12:33

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:264 Resp: 381772

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.4 17.4 26.0

