

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140204.D
 Acq On : 01 Nov 2024 11:14
 Operator : RC/JU
 Sample : P4643-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 11:48:21 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)

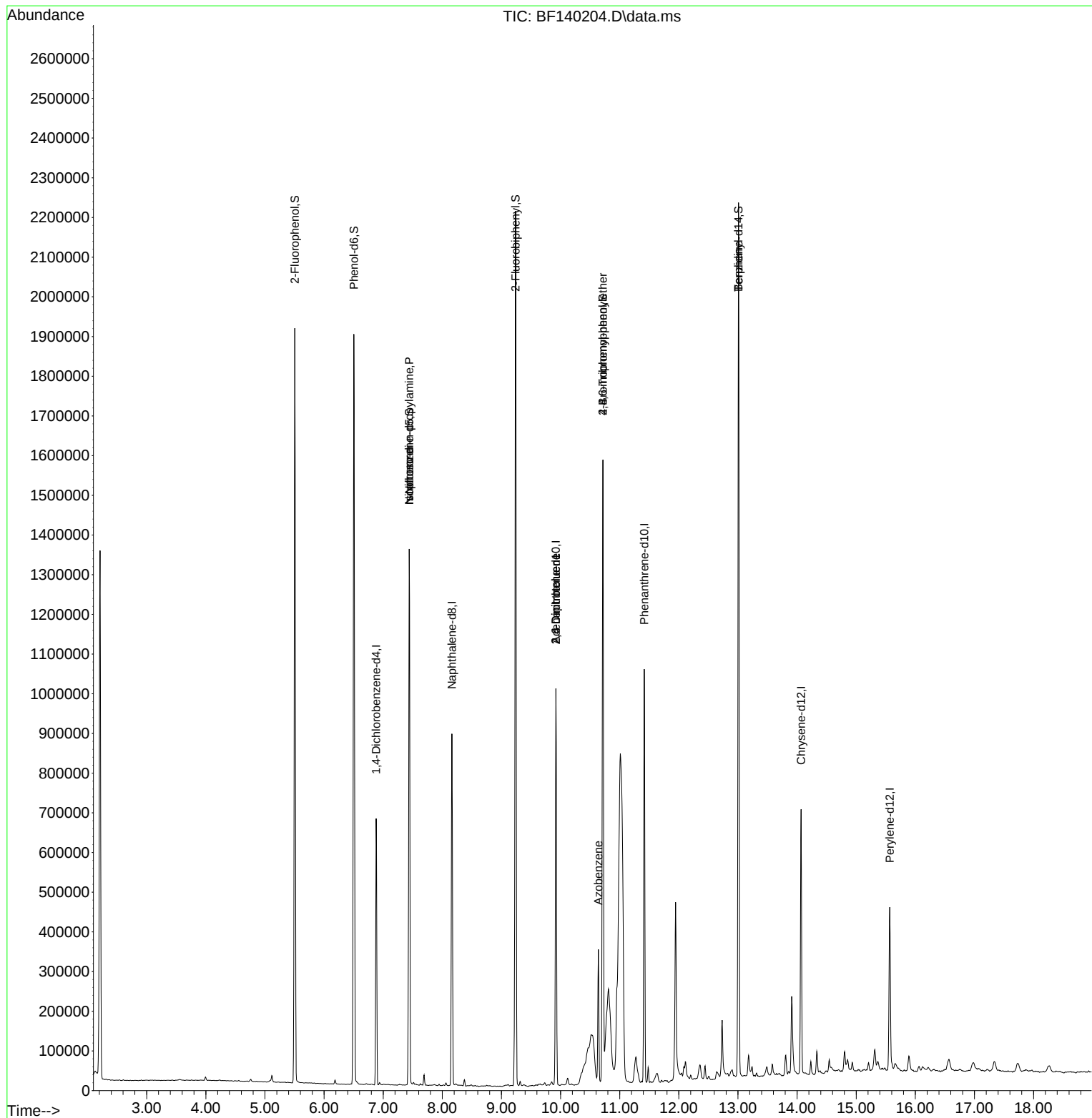
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	132287	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	527035	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	301235	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	533629	20.000	ng	0.00
76) Chrysene-d12	14.068	240	311689	20.000	ng	0.02
86) Perylene-d12	15.568	264	246586	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	676854	80.099	ng	0.00
7) Phenol-d6	6.504	99	880904	80.489	ng	0.00
23) Nitrobenzene-d5	7.439	82	609568	64.103	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	259651	92.151	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1004127	55.090	ng	-0.01
79) Terphenyl-d14	13.010	244	1092784	57.130	ng	0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	84004	12.656	ng	# 78
25) Isophorone	7.439	82	606246	33.590	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	38730	9.533	ng	# 22
57) 2,4-Dinitrotoluene	9.922	165	38730	7.752	ng	# 21
63) Azobenzene	10.639	77	82681	4.233	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	17165	3.122	ng	# 1
77) Benzidine	13.010	184	14798	2.887	ng	# 93

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

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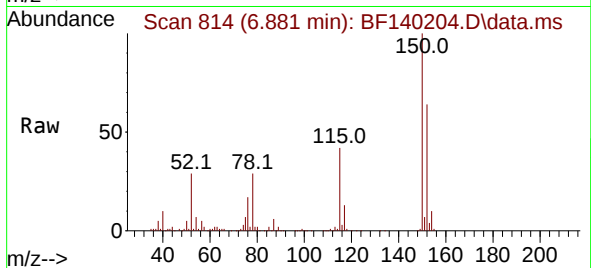
Quant Time: Nov 01 11:48:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
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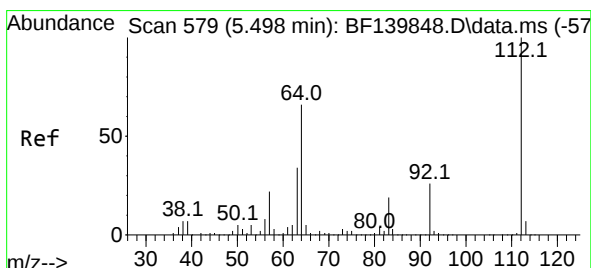
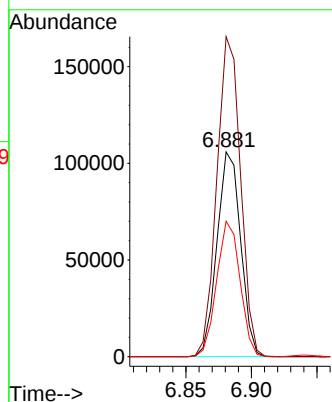
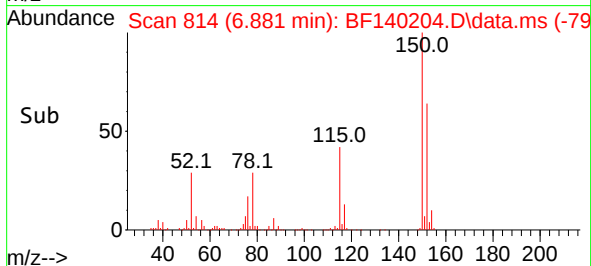


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Instrument :
BNA_F
ClientSampleId :

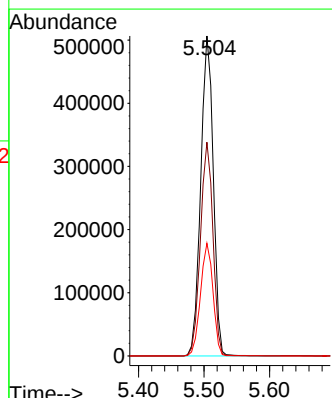
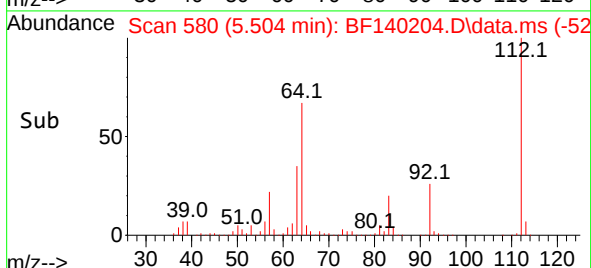
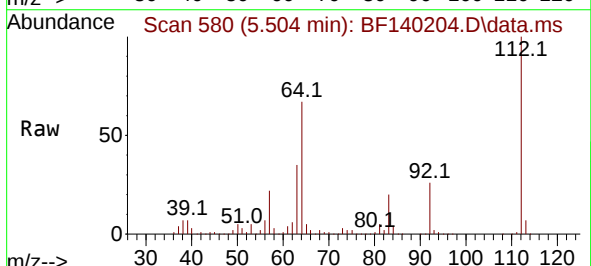


Tgt Ion:152 Resp: 132287
Ion Ratio Lower Upper
152 100
150 156.3 130.2 195.2
115 66.1 51.4 77.2



#5
2-Fluorophenol
Concen: 80.099 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Tgt Ion:112 Resp: 676854
Ion Ratio Lower Upper
112 100
64 66.8 53.0 79.6
63 35.2 27.0 40.4

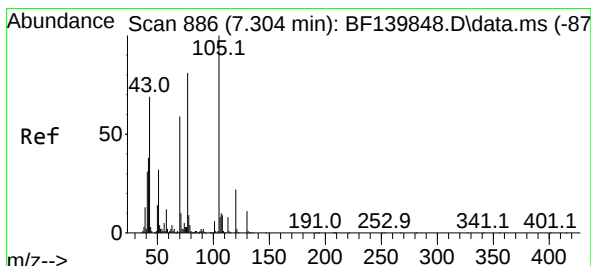
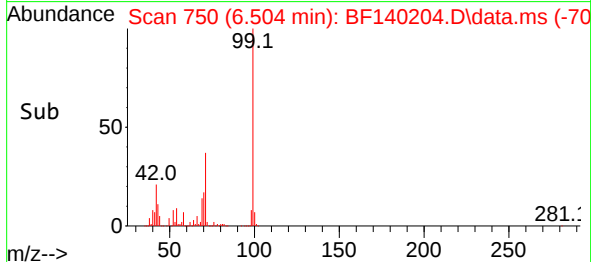
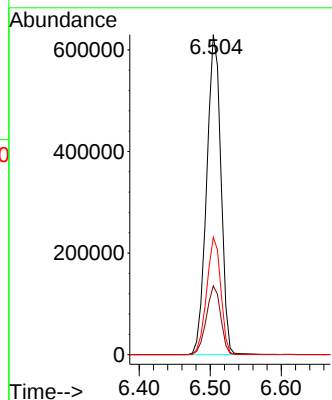
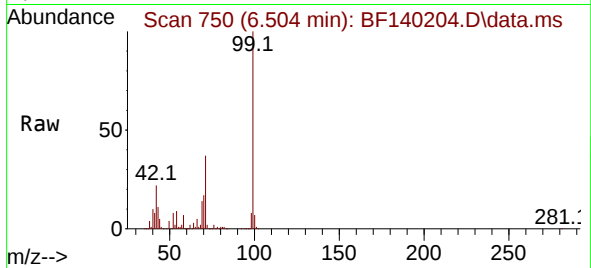




#7
Phenol-d6
Concen: 80.489 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

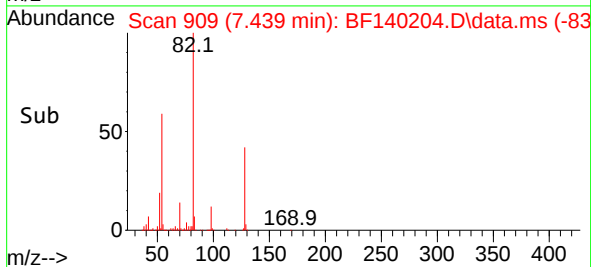
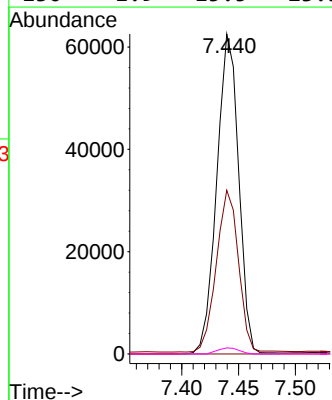
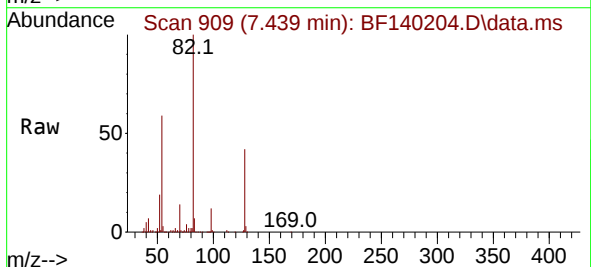
Instrument :
BNA_F
ClientSampleId :

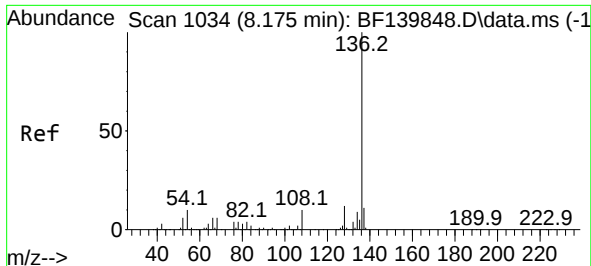
Tgt Ion: 99 Resp: 880904
Ion Ratio Lower Upper
99 100
42 21.5 16.7 25.1
71 36.7 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 12.656 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Tgt Ion: 70 Resp: 84004
Ion Ratio Lower Upper
70 100
42 51.2 51.5 77.3#
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#



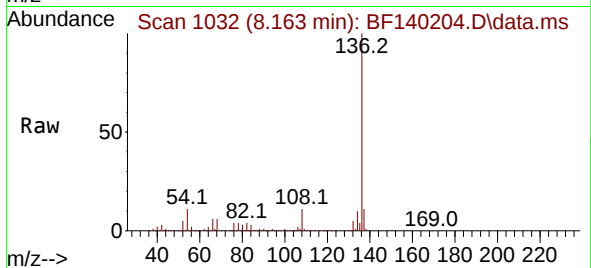


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

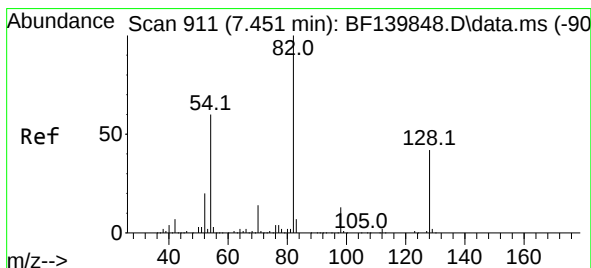
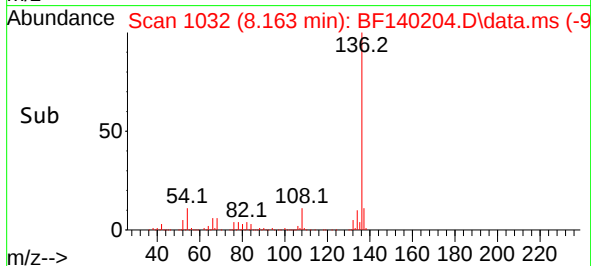
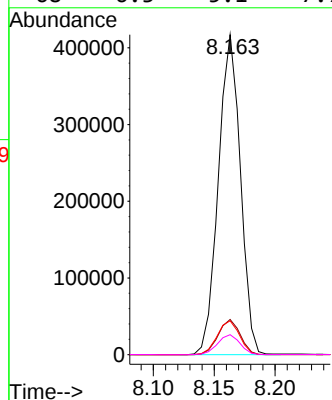
Instrument :

BNA_F

ClientSampleId :

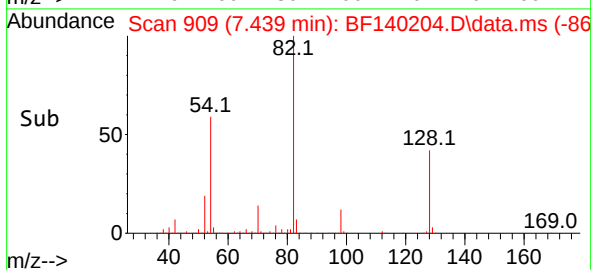
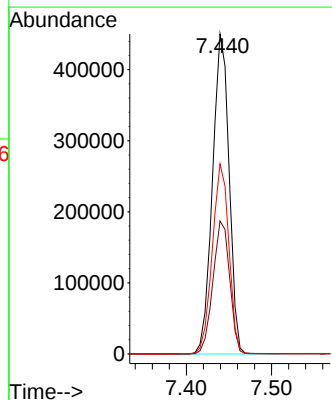
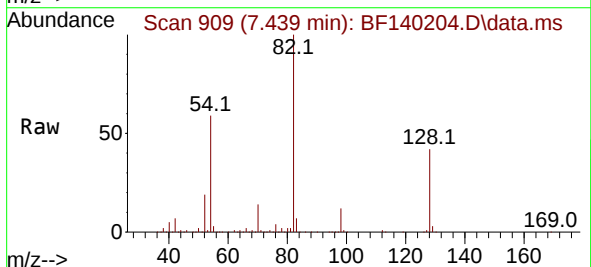


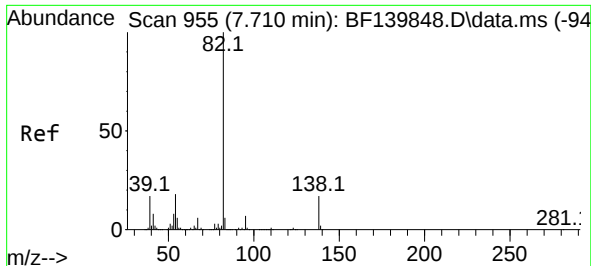
Tgt Ion:	136	Resp:	527035
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.6	8.4	12.6
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 64.103 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Tgt Ion:	82	Resp:	609568
Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.0
54	59.4	47.8	71.8

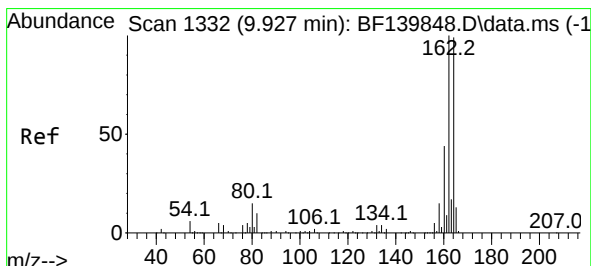
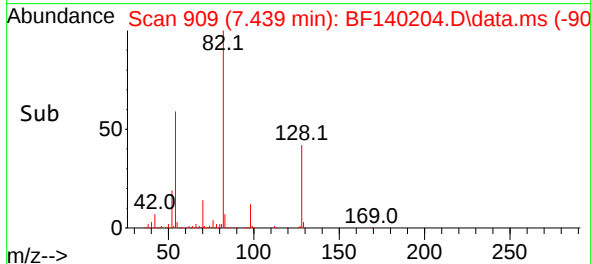
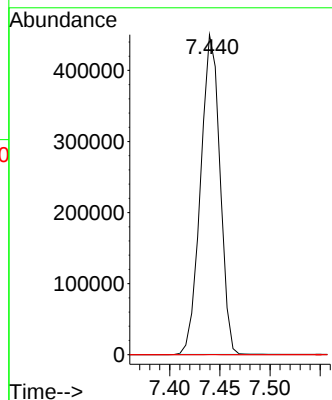
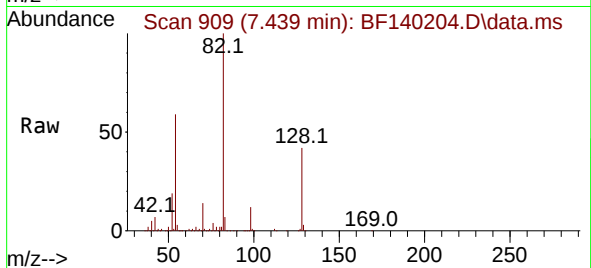




#25
Isophorone
Concen: 33.590 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.270 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

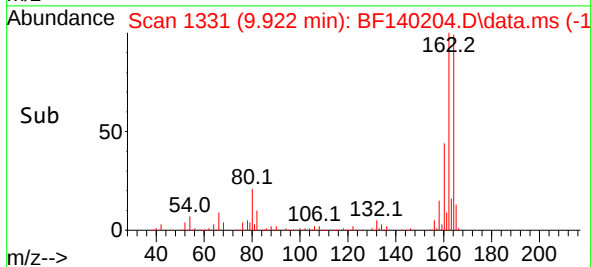
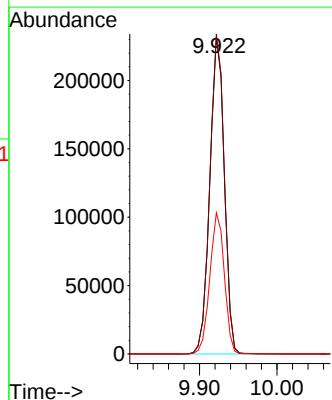
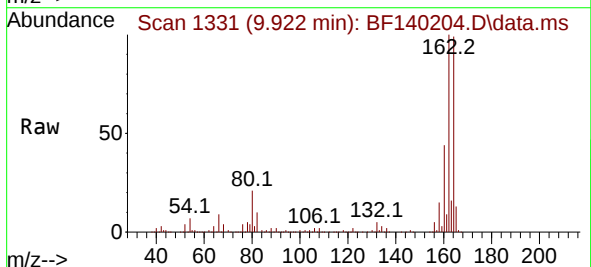
Instrument :
BNA_F
ClientSampleId :

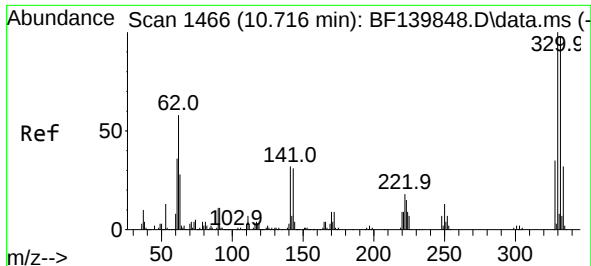
Tgt Ion: 82 Resp: 606246
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

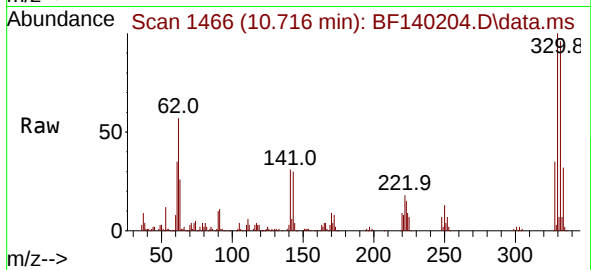
Tgt Ion: 164 Resp: 301235
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 44.5 35.4 53.0



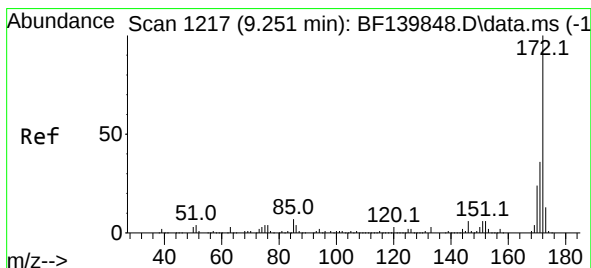
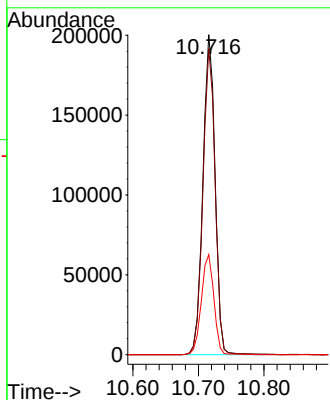
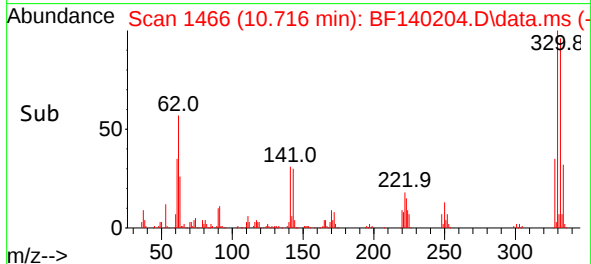


#42
2,4,6-Tribromophenol
Concen: 92.151 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Instrument :
BNA_F
ClientSampleId :

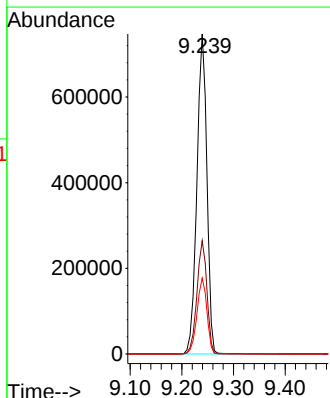
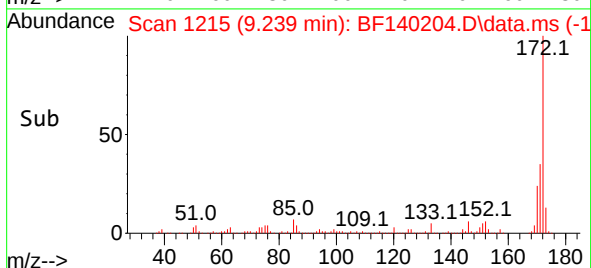
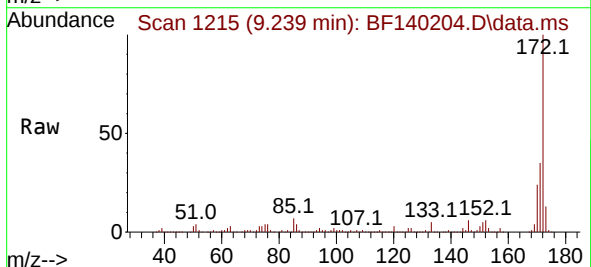


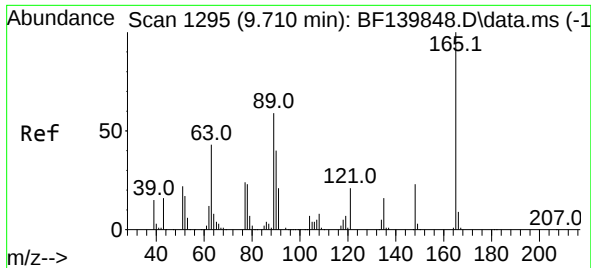
Tgt Ion:330 Resp: 259651
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 32.3 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 55.090 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Tgt Ion:172 Resp: 1004127
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.7 19.1 28.7

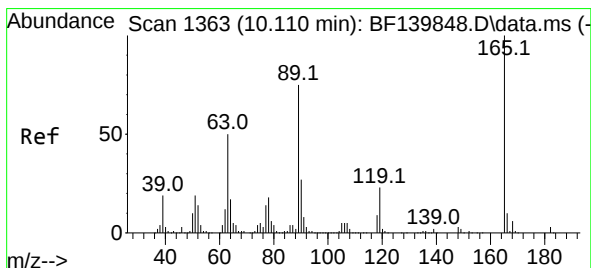
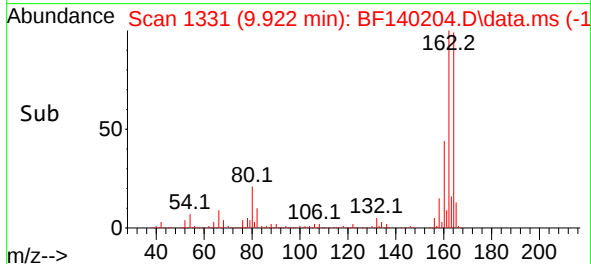
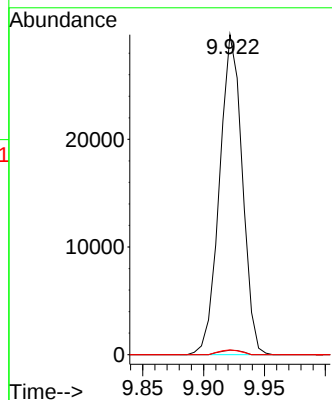
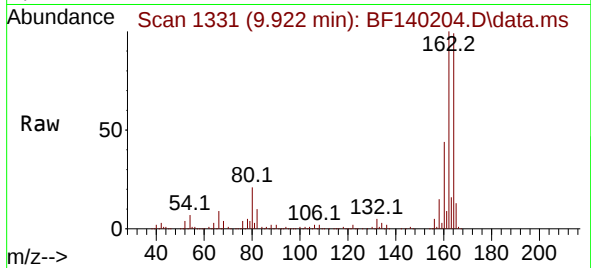




#51
2,6-Dinitrotoluene
Concen: 9.533 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

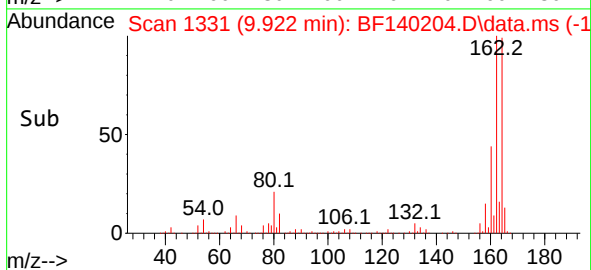
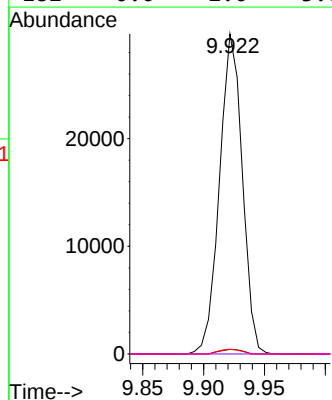
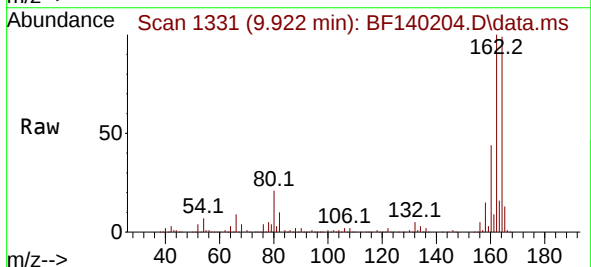
Instrument :
BNA_F
ClientSampleId :

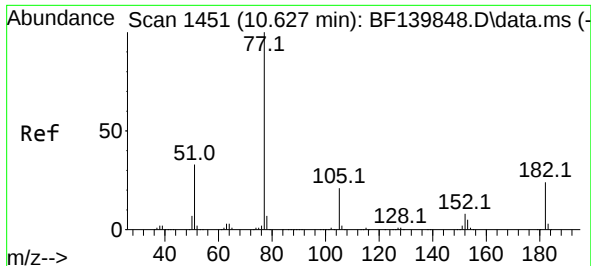
Tgt Ion:165 Resp: 38730
Ion Ratio Lower Upper
165 100
63 1.4 50.6 75.8#
89 1.5 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.752 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

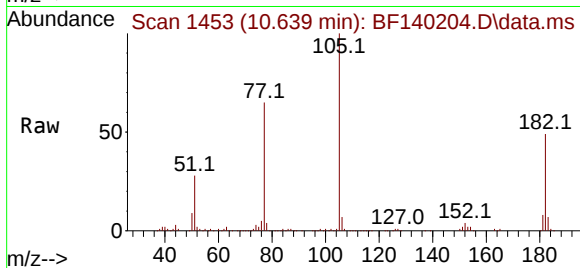
Tgt Ion:165 Resp: 38730
Ion Ratio Lower Upper
165 100
63 1.4 40.1 60.1#
89 1.5 60.4 90.6#
182 0.0 2.0 3.0#



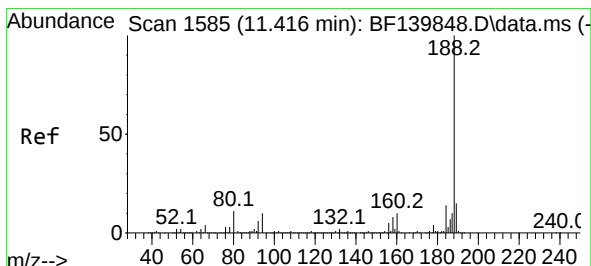
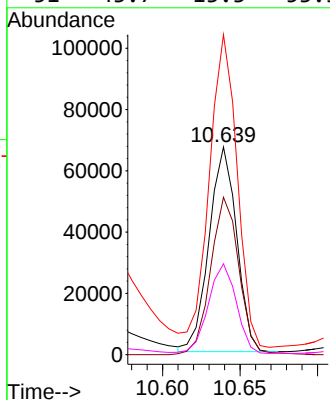
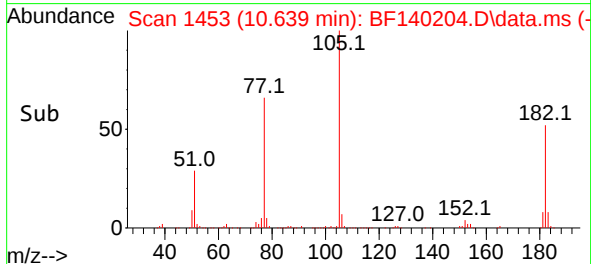


#63
Azobenzene
Concen: 4.233 ng
RT: 10.639 min Scan# 1453
Delta R.T. 0.012 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Instrument :
BNA_F
ClientSampleId :

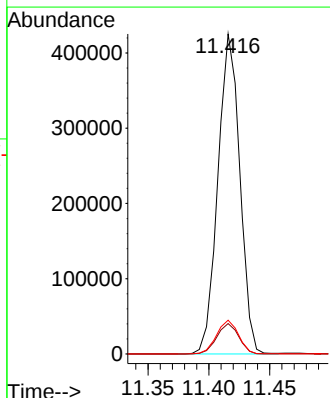
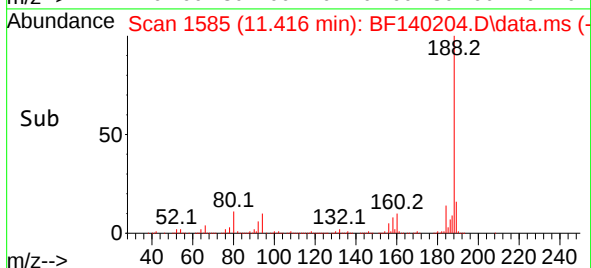
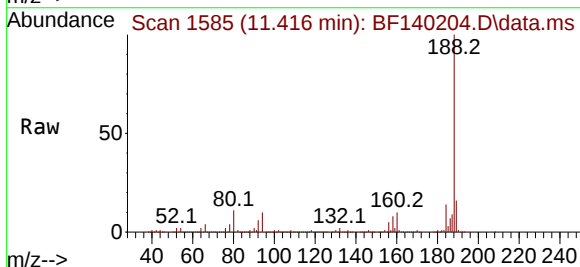


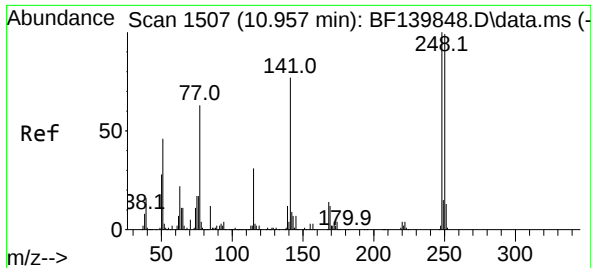
Tgt Ion: 77 Resp: 82681
Ion Ratio Lower Upper
77 100
182 75.8 3.3 43.3#
105 154.1 1.2 41.2#
51 43.7 13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

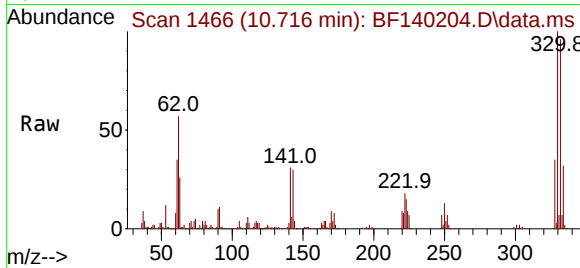
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Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.5 9.0 13.4



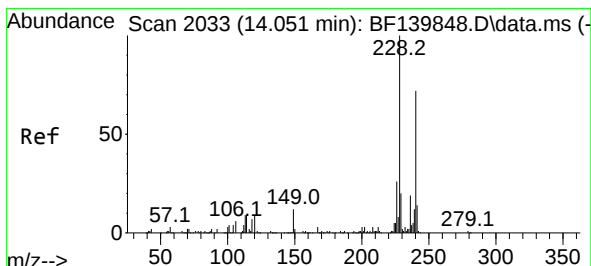
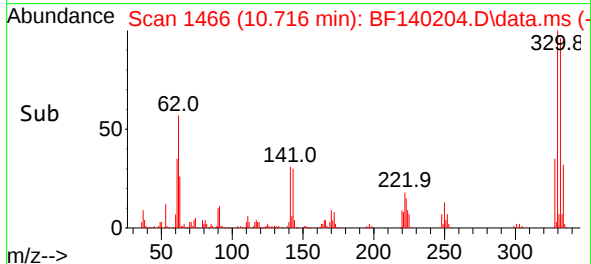
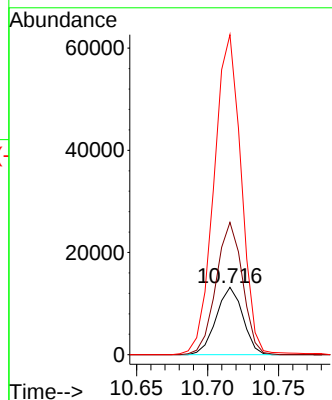


#67
4-Bromophenyl-phenylether
Concen: 3.122 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Instrument :
BNA_F
ClientSampleId :

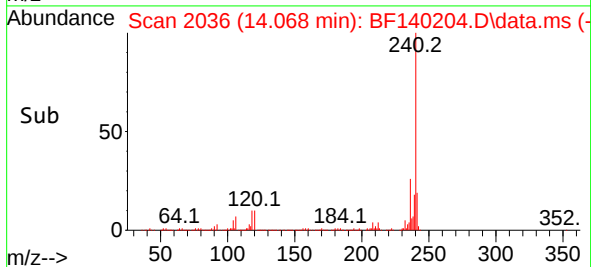
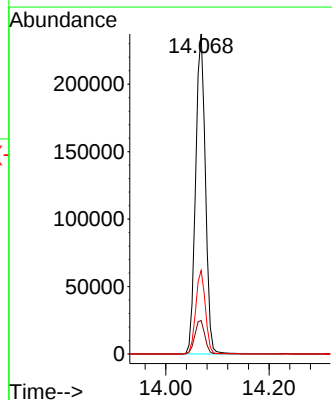
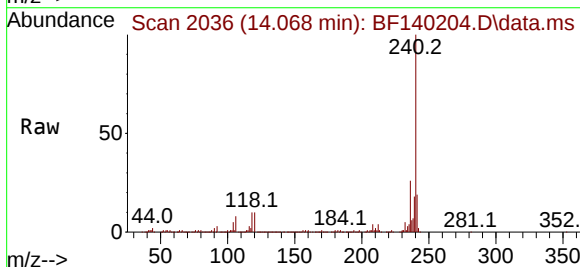


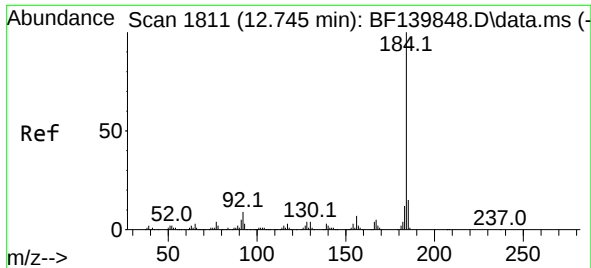
Tgt Ion:248 Resp: 17165
Ion Ratio Lower Upper
248 100
250 196.4 79.0 118.6#
141 475.1 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2036
Delta R.T. 0.018 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Tgt Ion:240 Resp: 311689
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.1 20.9 31.3

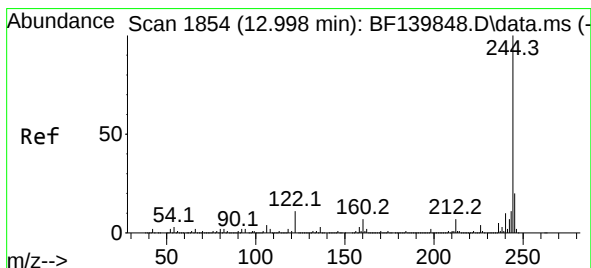
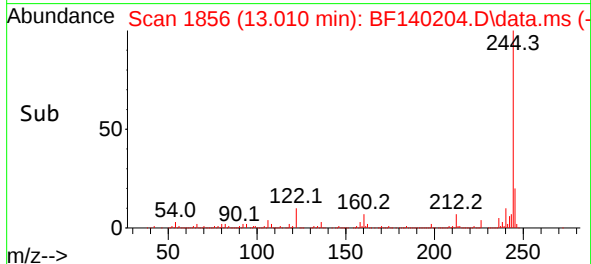
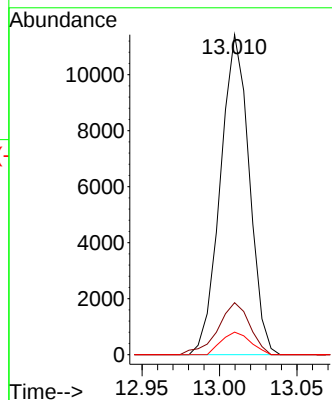
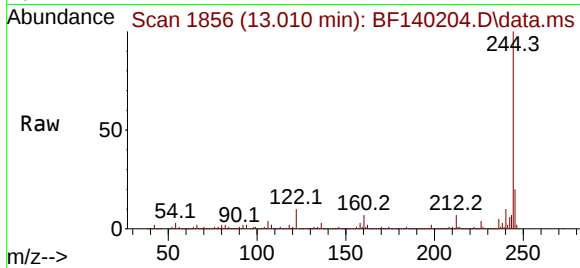




#77
Benzidine
Concen: 2.887 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.265 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

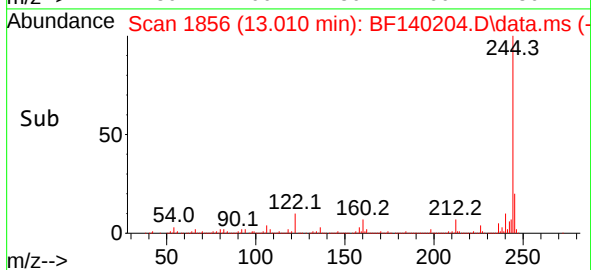
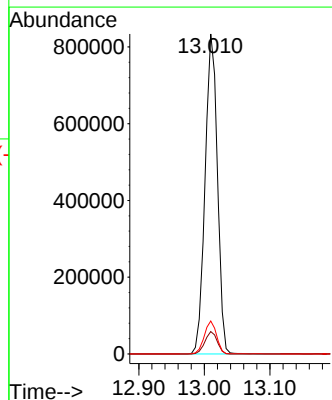
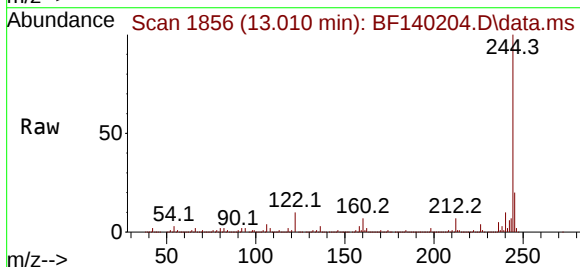
Instrument :
BNA_F
ClientSampleId :

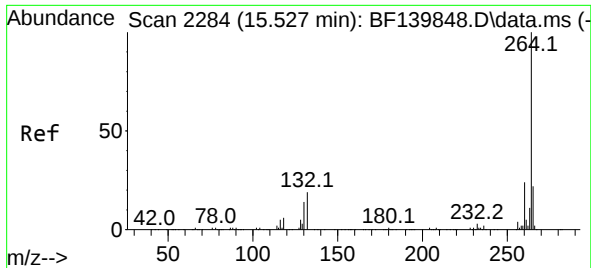
Tgt Ion:184 Resp: 14798
Ion Ratio Lower Upper
184 100
185 16.3 12.0 18.0
183 7.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 57.130 ng
RT: 13.010 min Scan# 1856
Delta R.T. 0.012 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

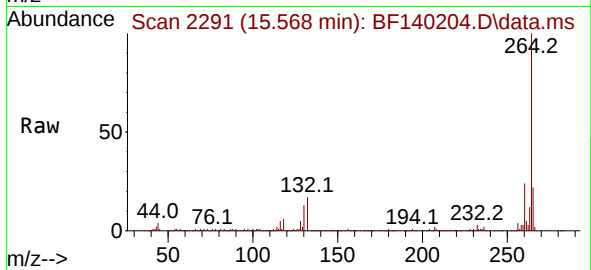
Tgt Ion:244 Resp: 1092784
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 10.3 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF140204.D
Acq: 01 Nov 2024 11:14

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 246586

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.8	17.4	26.0

