

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139899.D
 Acq On : 21 Oct 2024 13:20
 Operator : RC/JU
 Sample : P4426-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-9

Quant Time: Oct 21 13:58:05 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)

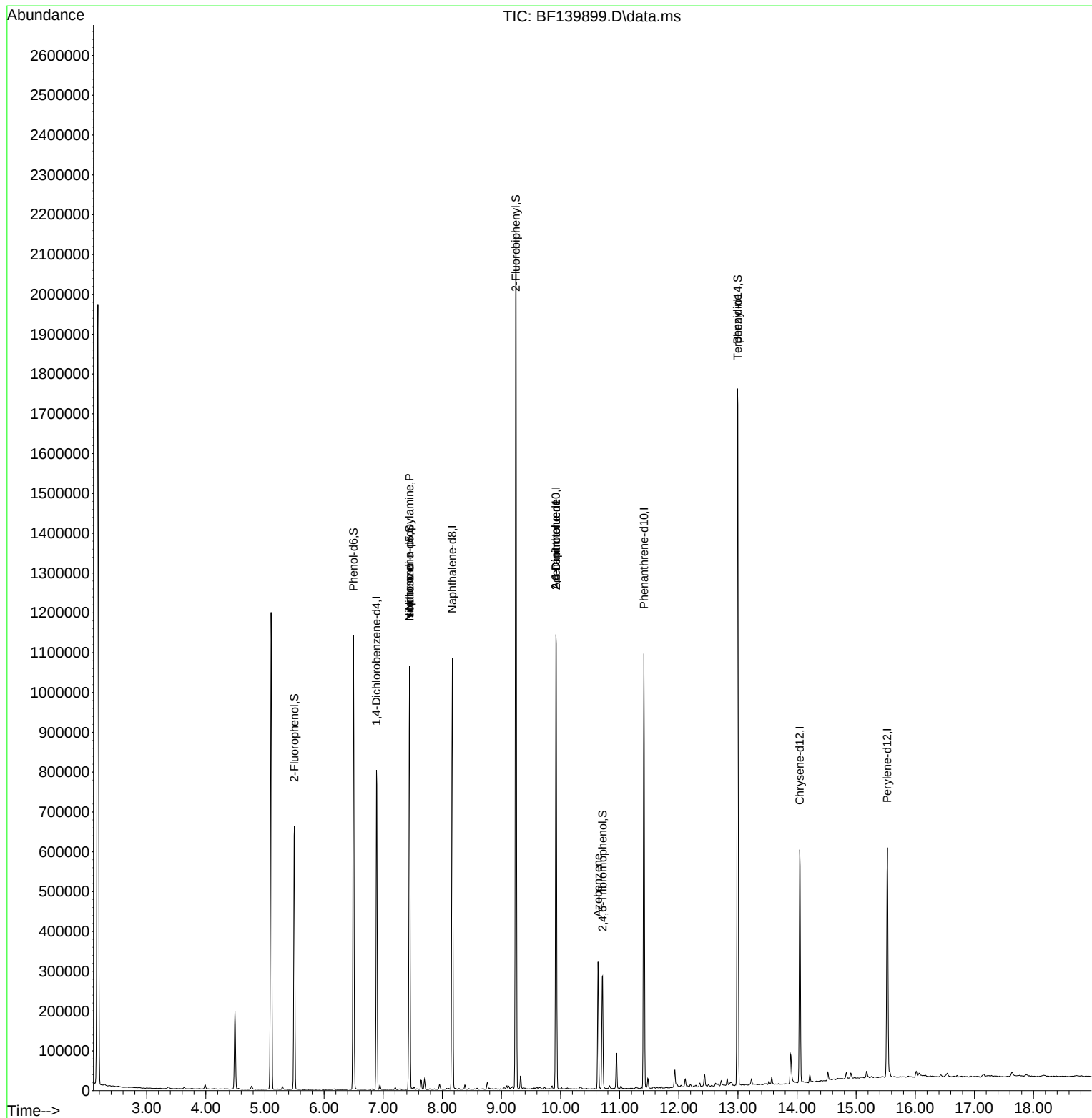
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	164670	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	637297	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	342781	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	553534	20.000	ng	0.00
76) Chrysene-d12	14.045	240	272283	20.000	ng	0.00
86) Perylene-d12	15.527	264	333877	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	234910	22.332	ng	0.00
7) Phenol-d6	6.498	99	490660	36.016	ng	-0.01
23) Nitrobenzene-d5	7.445	82	441032	38.355	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	46370	14.462	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	962015	46.383	ng	0.00
79) Terphenyl-d14	12.998	244	884704	52.945	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	59198	7.165	ng	# 78
25) Isophorone	7.445	82	439625	20.144	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	44356	9.595	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	44356	7.802	ng	# 21
63) Azobenzene	10.634	77	78299	3.523	ng	# 1
77) Benzidine	12.992	184	11078	2.474	ng	# 91

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

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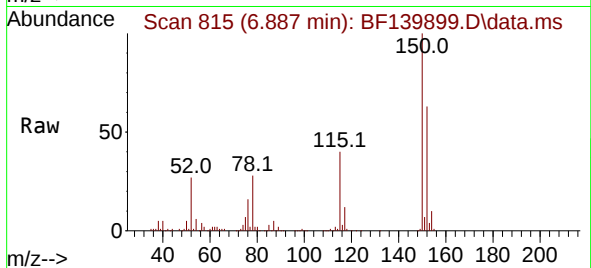
Quant Time: Oct 21 13:58:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



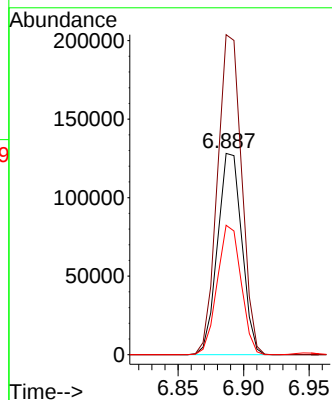
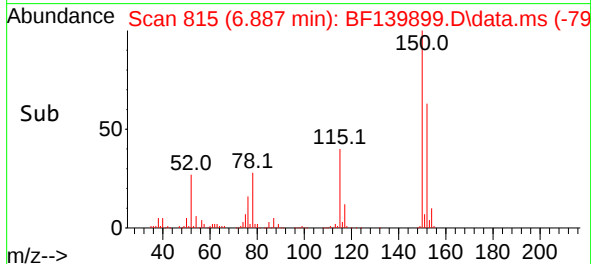


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

Instrument :
BNA_F
ClientSampleId :
PAD-9

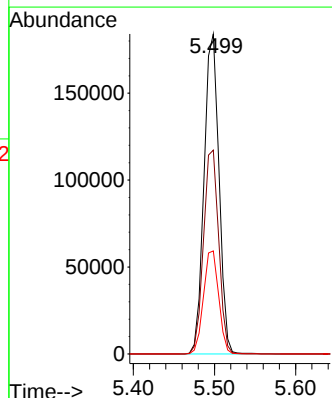
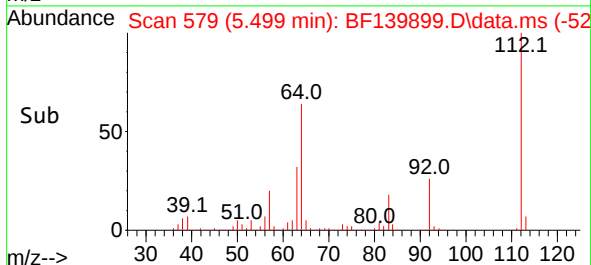
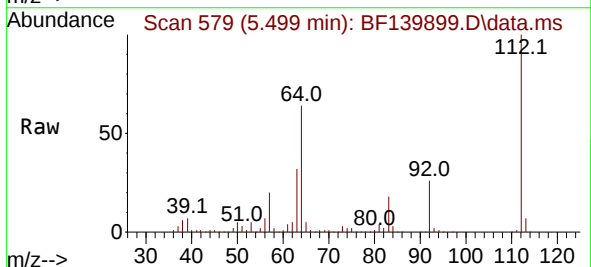


Tgt Ion:152 Resp: 164670
Ion Ratio Lower Upper
152 100
150 159.0 130.2 195.2
115 64.3 51.4 77.2



#5
2-Fluorophenol
Concen: 22.332 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

Tgt Ion:112 Resp: 234910
Ion Ratio Lower Upper
112 100
64 63.7 53.0 79.6
63 32.2 27.0 40.4

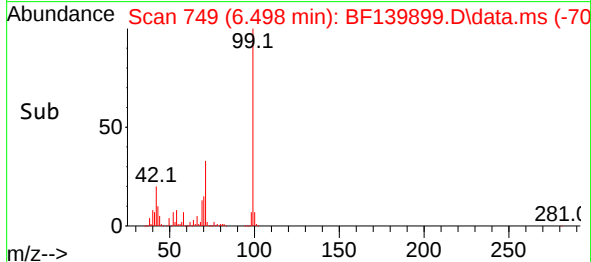
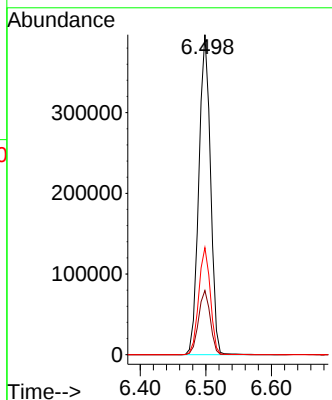
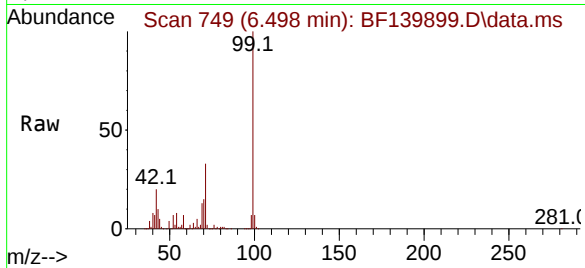




#7
Phenol-d6
Concen: 36.016 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

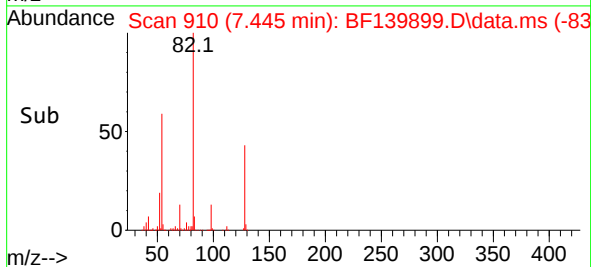
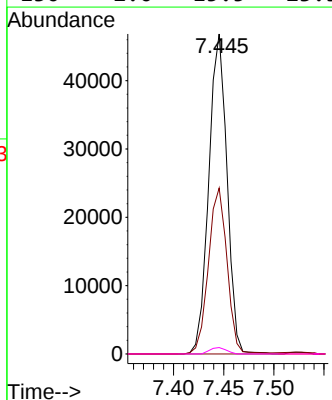
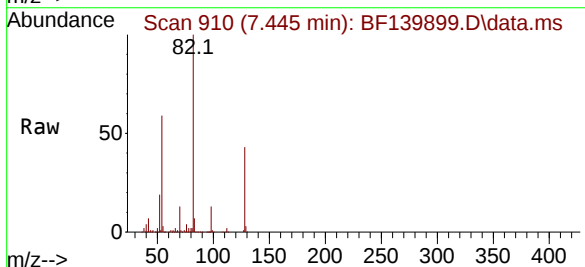
Instrument :
BNA_F
ClientSampleId :
PAD-9

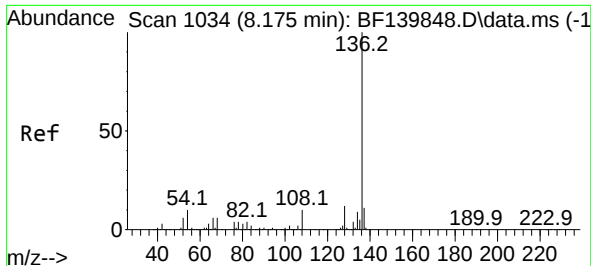
Tgt Ion: 99 Resp: 490660
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 33.5 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 7.165 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

Tgt Ion: 70 Resp: 59198
Ion Ratio Lower Upper
70 100
42 51.8 51.5 77.3
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



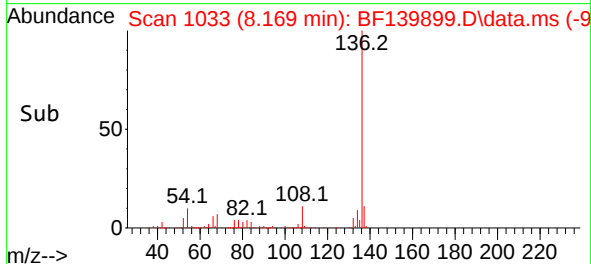
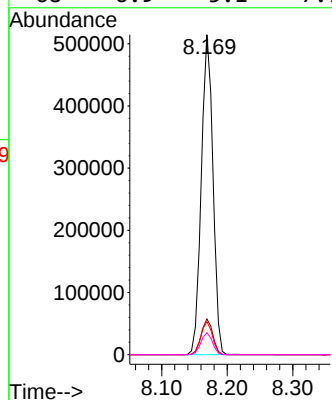
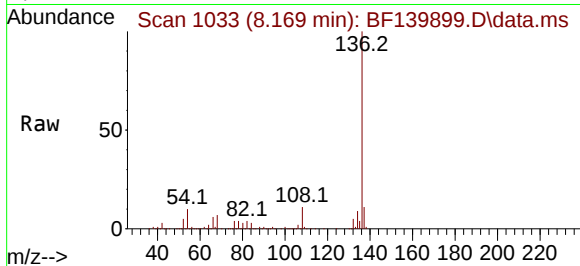


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

Instrument :
BNA_F
ClientSampleId :
PAD-9

Tgt Ion:136 Resp: 637297

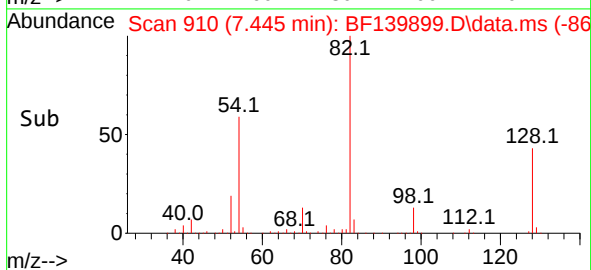
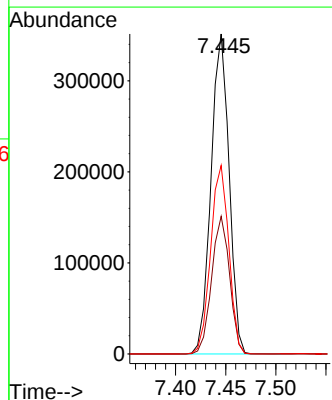
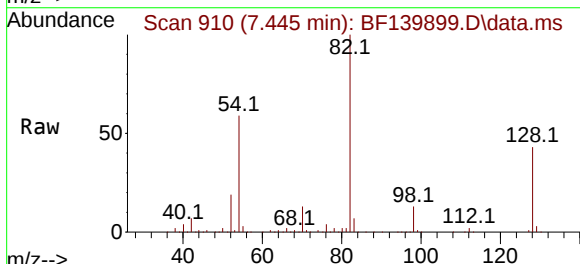
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.3	8.4	12.6
68	6.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 38.355 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

Tgt Ion: 82 Resp: 441032

Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	58.9	47.8	71.8

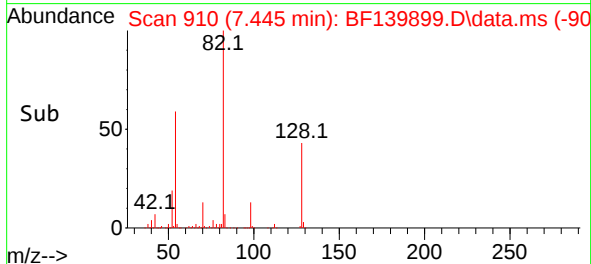
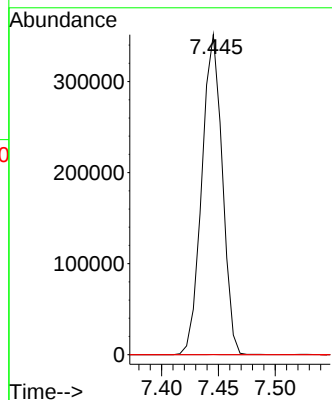
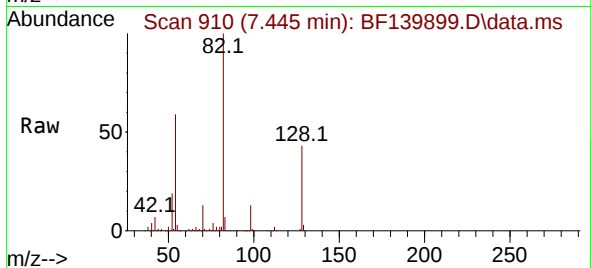




#25
Isophorone
Concen: 20.144 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.264 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

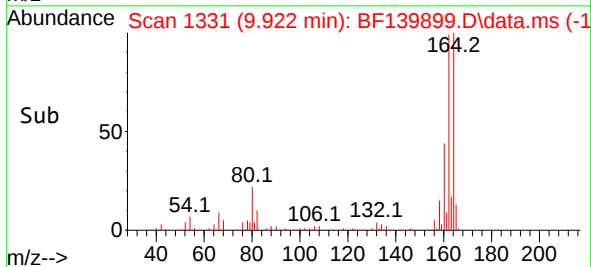
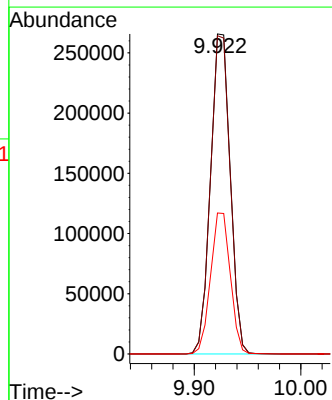
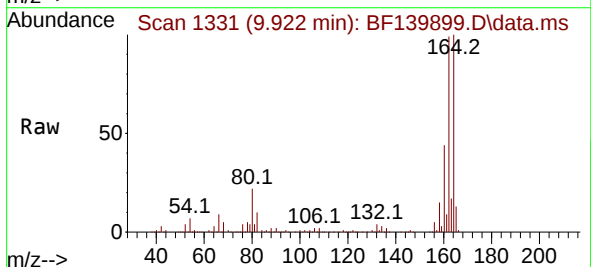
Instrument :
BNA_F
ClientSampleId :
PAD-9

Tgt Ion: 82 Resp: 439625
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: BF139899.D
Acq: 21 Oct 2024 13:20

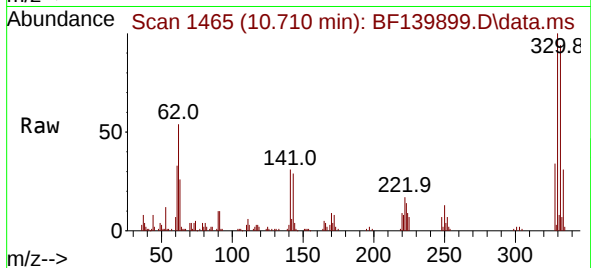
Tgt Ion: 164 Resp: 342781
Ion Ratio Lower Upper
164 100
162 99.5 81.0 121.4
160 44.1 35.4 53.0



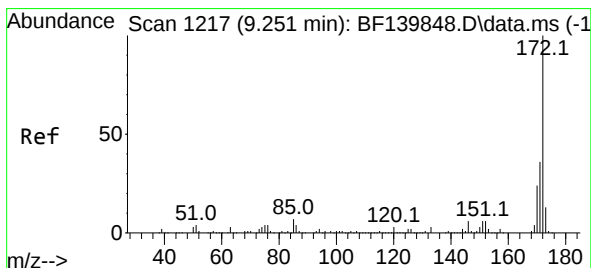
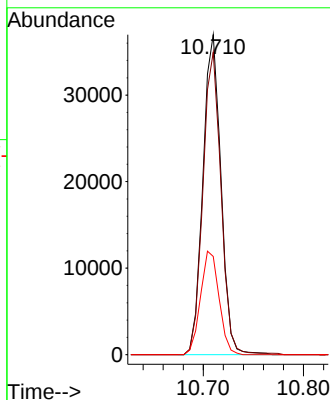
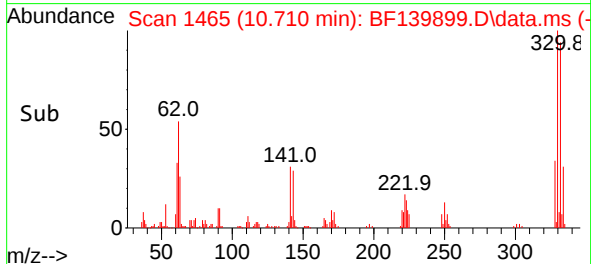


#42
2,4,6-Tribromophenol
Concen: 14.462 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

Instrument :
BNA_F
ClientSampleId :
PAD-9

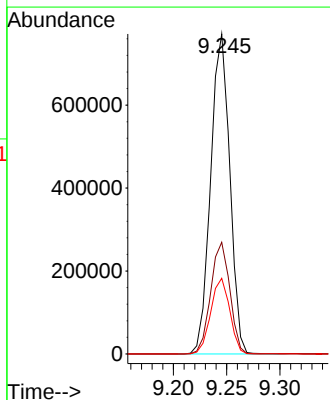
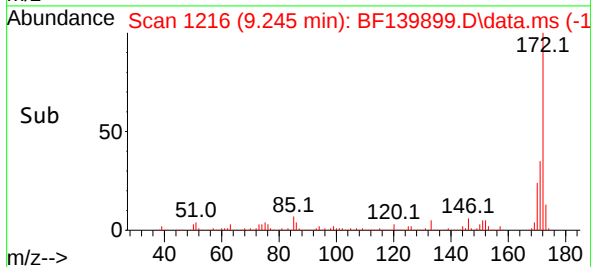
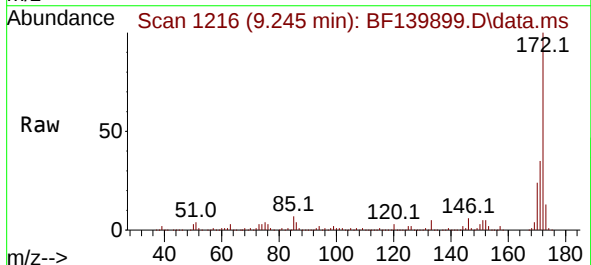


Tgt Ion:330 Resp: 46370
Ion Ratio Lower Upper
330 100
332 94.9 78.1 117.1
141 33.2 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 46.383 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

Tgt Ion:172 Resp: 962015
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.7 19.1 28.7

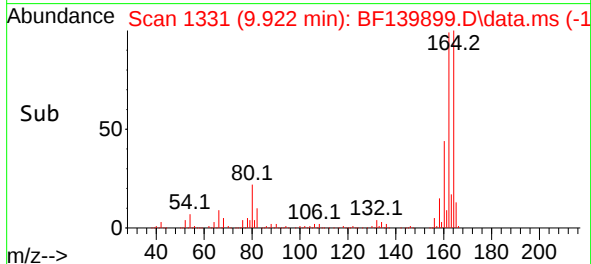
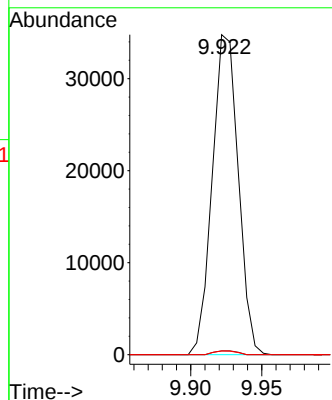
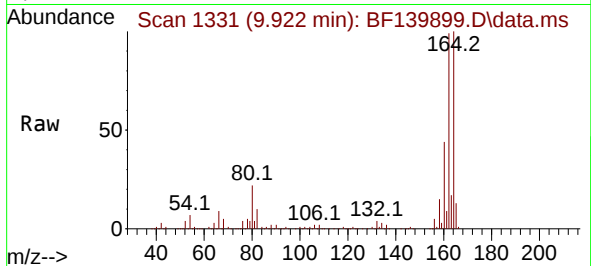




#51
2,6-Dinitrotoluene
Concen: 9.595 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

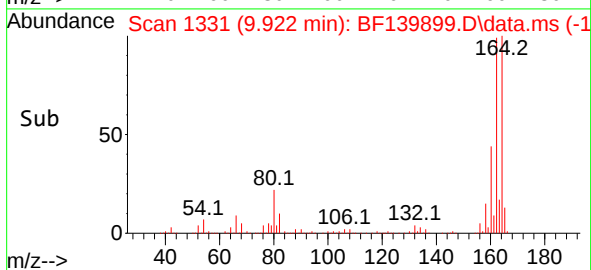
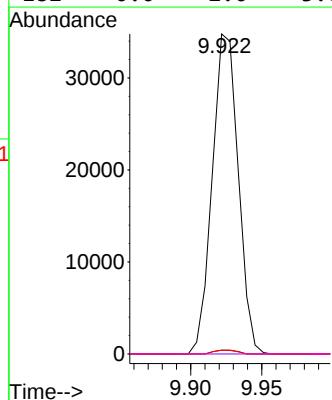
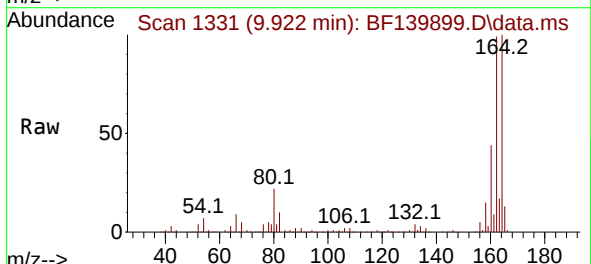
Instrument :
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ClientSampleId :
PAD-9

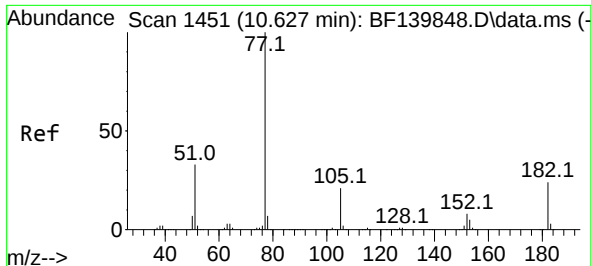
Tgt Ion:165 Resp: 44356
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.802 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

Tgt Ion:165 Resp: 44356
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#

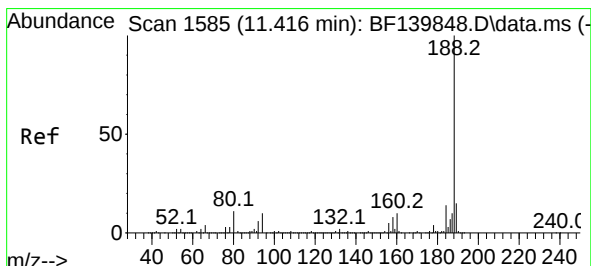
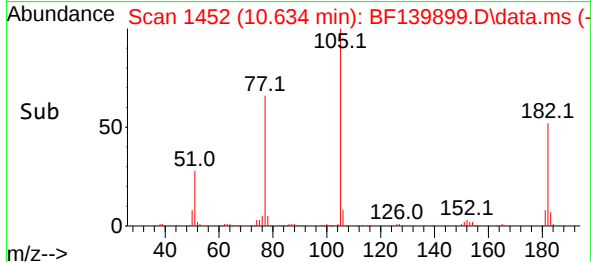
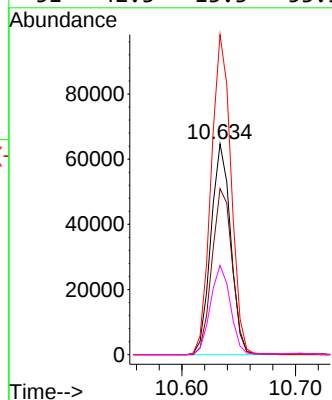
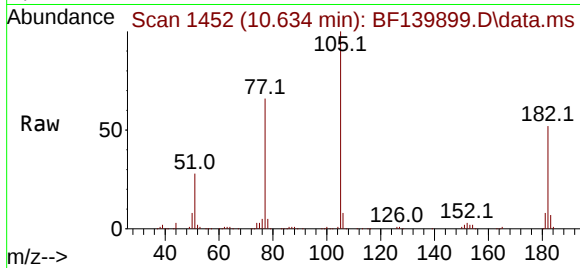




#63
Azobenzene
Concen: 3.523 ng
RT: 10.634 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

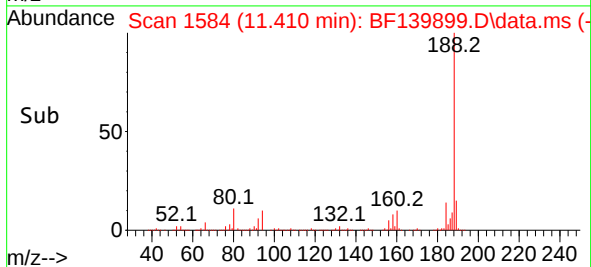
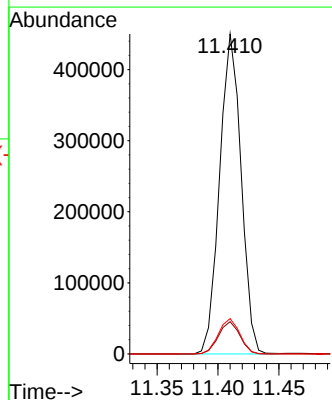
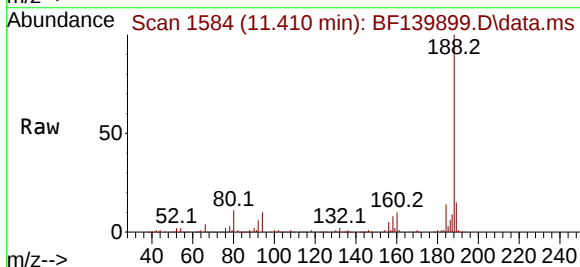
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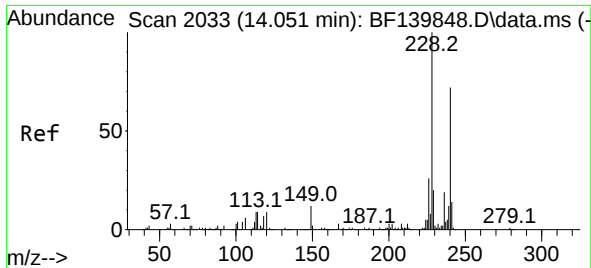
Tgt Ion: 77	Resp: 78299
Ion Ratio	Lower Upper
77 100	
182 78.7	3.3 43.3#
105 151.7	1.2 41.2#
51 42.3	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

Tgt Ion: 188	Resp: 553534
Ion Ratio	Lower Upper
188 100	
94 10.1	7.9 11.9
80 11.1	9.0 13.4

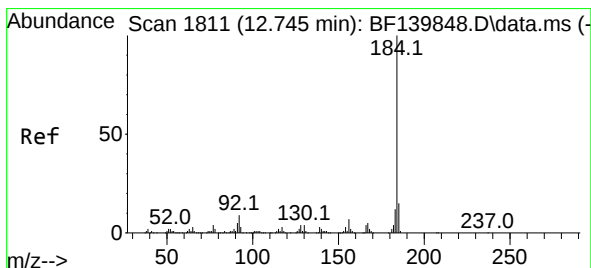
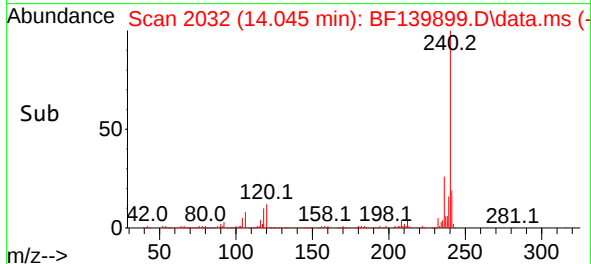
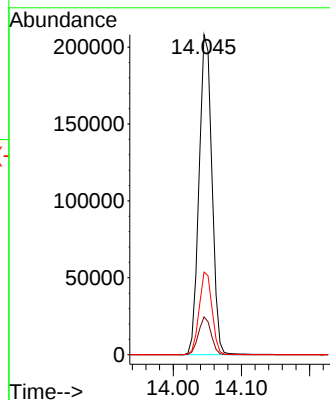
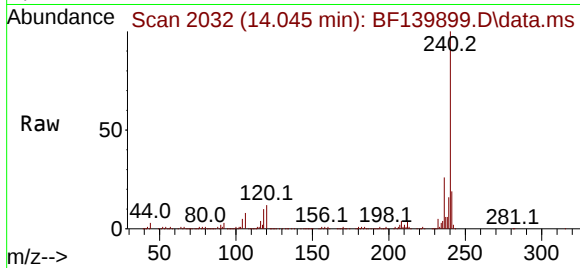




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

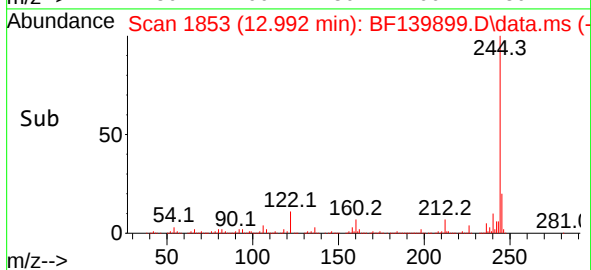
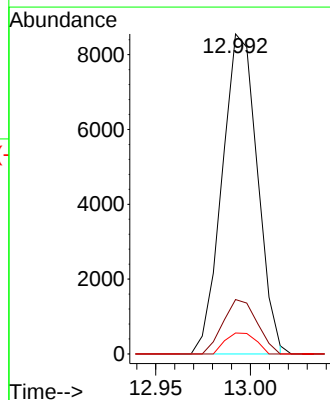
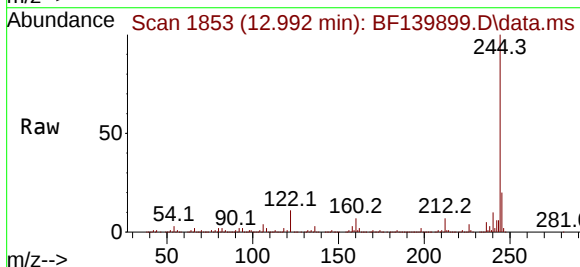
Instrument :
BNA_F
ClientSampleId :
PAD-9

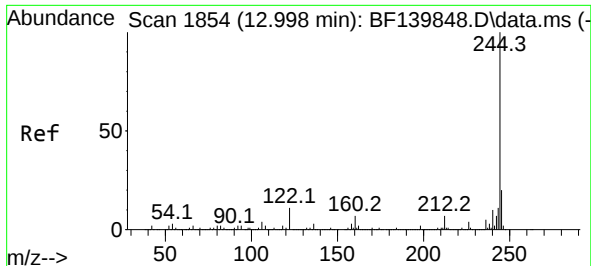
Tgt Ion:240 Resp: 272283
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 25.8 20.9 31.3



#77
Benzidine
Concen: 2.474 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF139899.D
Acq: 21 Oct 2024 13:20

Tgt Ion:184 Resp: 11078
Ion Ratio Lower Upper
184 100
185 17.0 12.0 18.0
183 6.5 9.4 14.2#

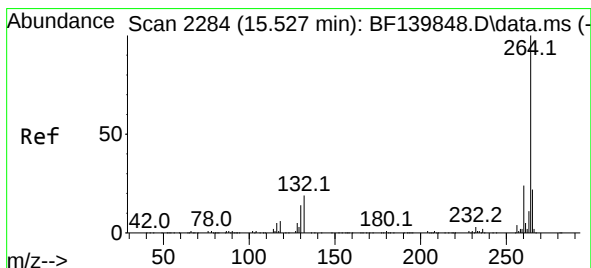
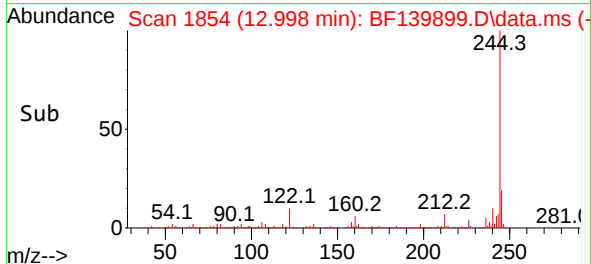
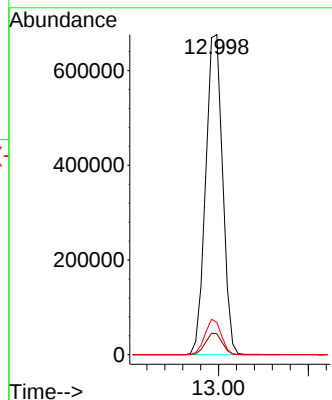
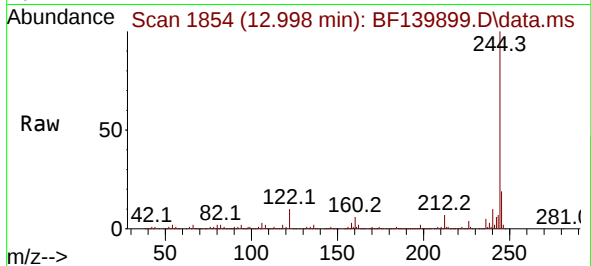




#79
 Terphenyl-d14
 Concen: 52.945 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139899.D
 Acq: 21 Oct 2024 13:20

Instrument :
 BNA_F
 ClientSampleId :
 PAD-9

Tgt Ion:244 Resp: 884704
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.1 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139899.D
 Acq: 21 Oct 2024 13:20

Tgt Ion:264 Resp: 333877
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.4 17.4 26.0

