

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139900.D
 Acq On : 21 Oct 2024 13:49
 Operator : RC/JU
 Sample : P4426-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-6

Quant Time: Oct 21 14:26:43 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)

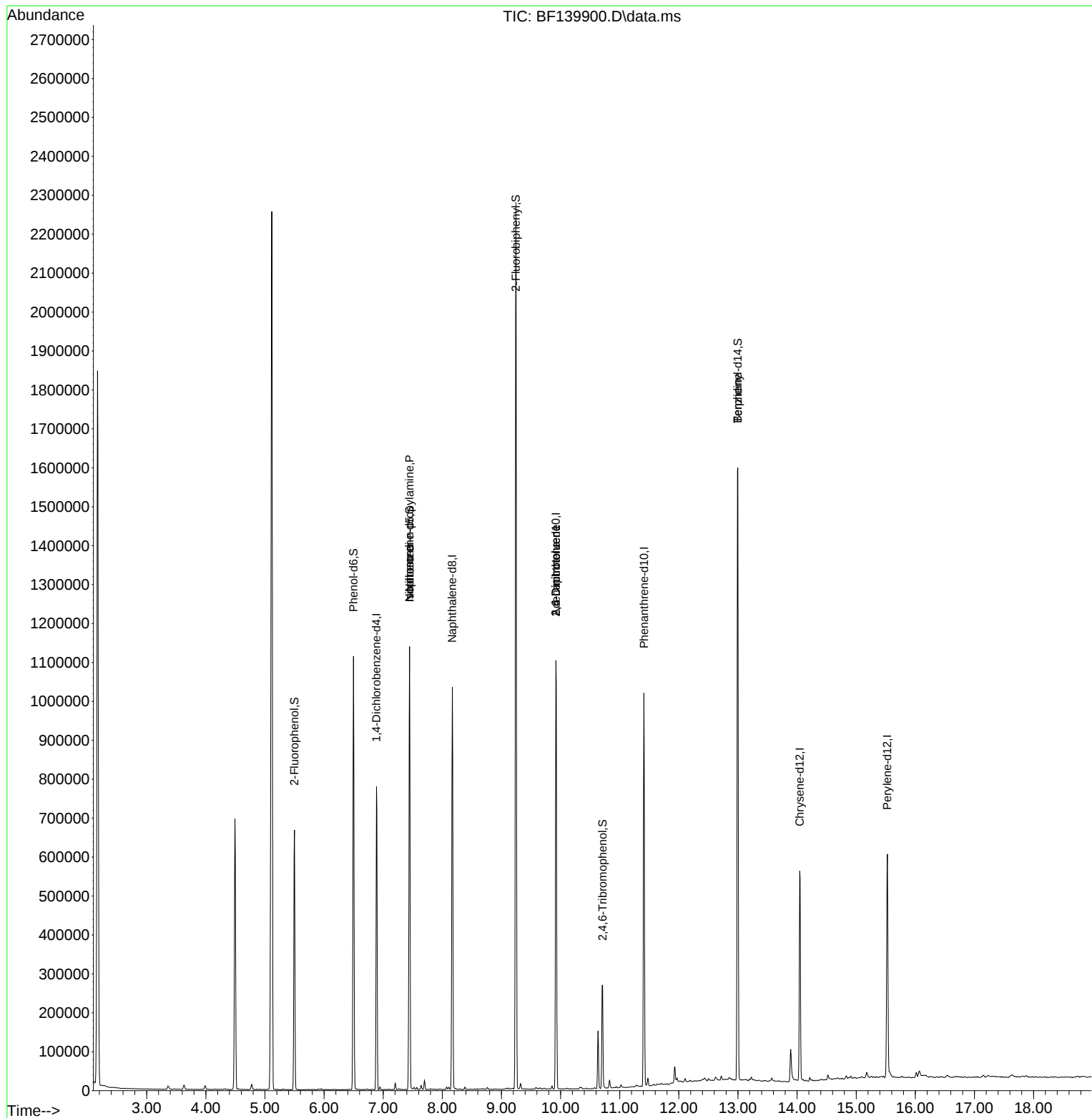
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	160414	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	606878	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	328144	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	513543	20.000	ng	0.00
76) Chrysene-d12	14.045	240	253605	20.000	ng	0.00
86) Perylene-d12	15.527	264	328177	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	235213	22.955	ng	0.00
7) Phenol-d6	6.498	99	478560	36.060	ng	-0.01
23) Nitrobenzene-d5	7.445	82	473950	43.284	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	42930	13.987	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	974016	49.056	ng	0.00
79) Terphenyl-d14	12.998	244	799712	51.384	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	63028	7.830	ng	# 77
25) Isophorone	7.445	82	472691	22.744	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	42091	9.511	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	42091	7.734	ng	# 21
77) Benzidine	12.998	184	9825	2.356	ng	# 94

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

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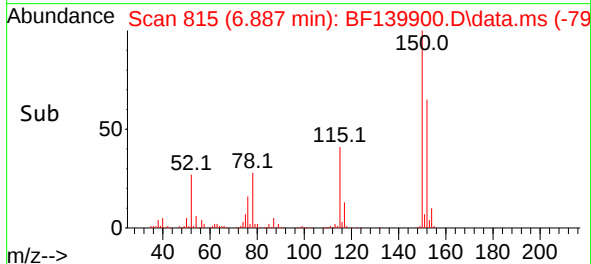
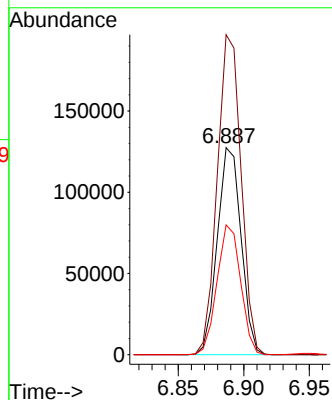
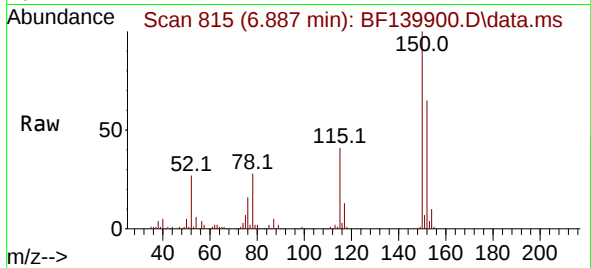




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

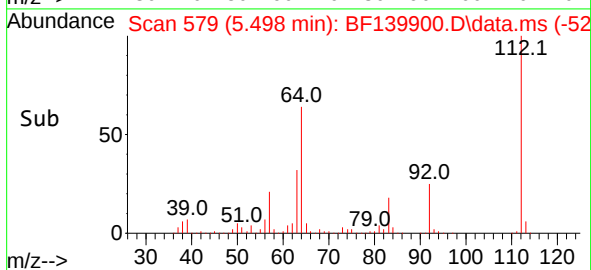
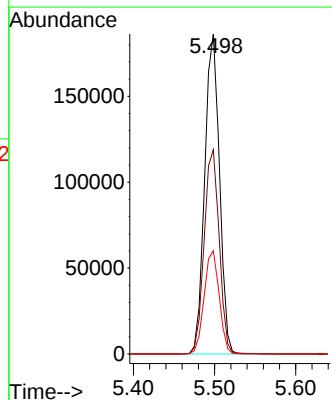
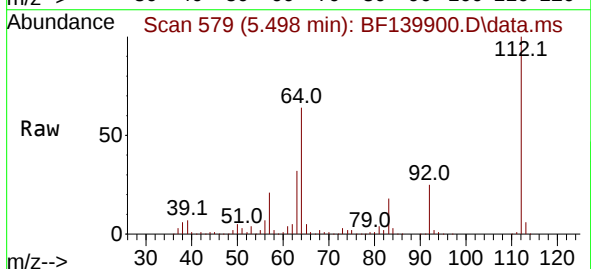
Instrument :
BNA_F
ClientSampleId :
PAD-6

Tgt Ion:152 Resp: 160414
Ion Ratio Lower Upper
152 100
150 154.6 130.2 195.2
115 62.7 51.4 77.2



#5
2-Fluorophenol
Concen: 22.955 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

Tgt Ion:112 Resp: 235213
Ion Ratio Lower Upper
112 100
64 63.8 53.0 79.6
63 32.3 27.0 40.4

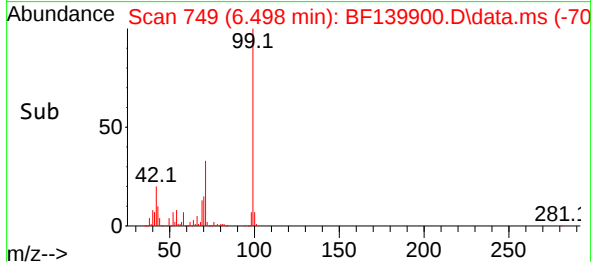
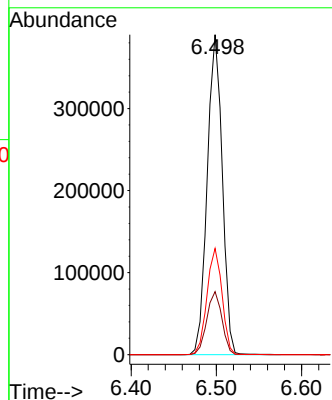
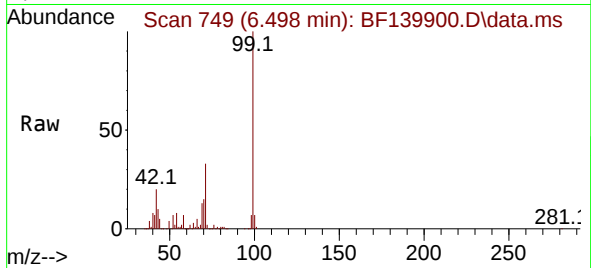




#7
Phenol-d6
Concen: 36.060 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

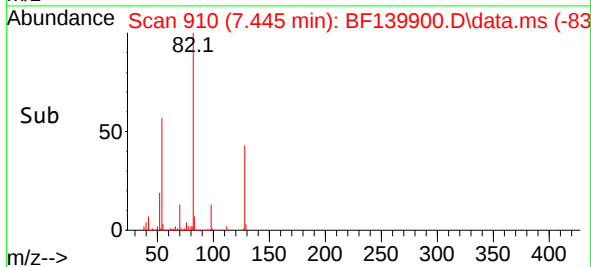
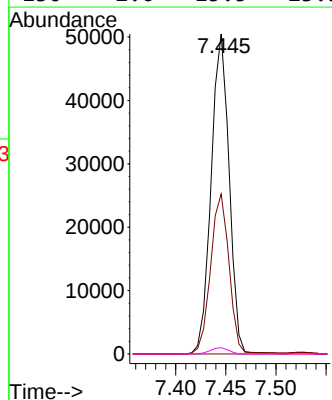
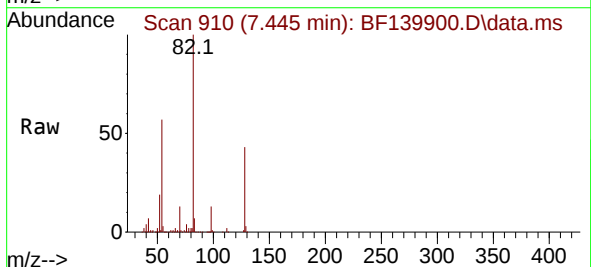
Instrument :
BNA_F
ClientSampleId :
PAD-6

Tgt Ion: 99 Resp: 478560
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 33.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 7.830 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

Tgt Ion: 70 Resp: 63028
Ion Ratio Lower Upper
70 100
42 50.0 51.5 77.3#
101 0.0 7.5 11.3#
130 2.0 15.5 23.3#



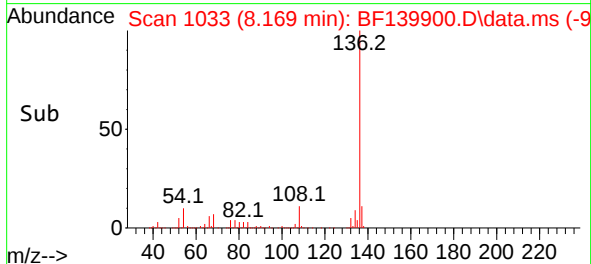
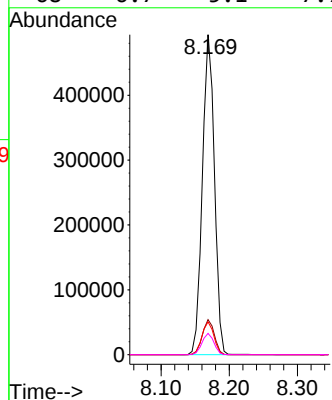
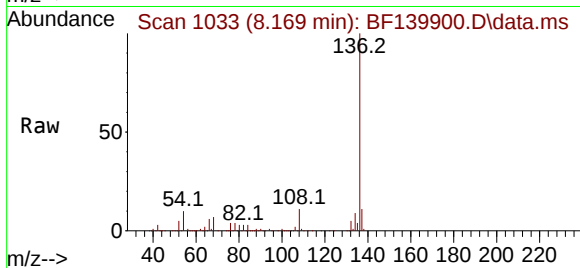


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

Instrument :
BNA_F
ClientSampleId :
PAD-6

Tgt Ion:136 Resp: 606878

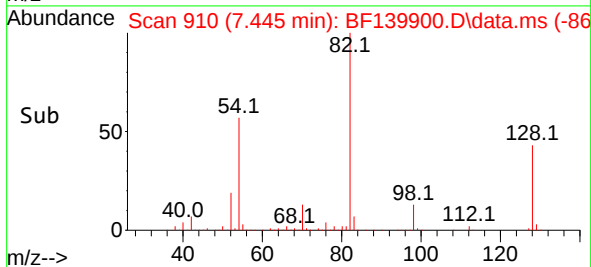
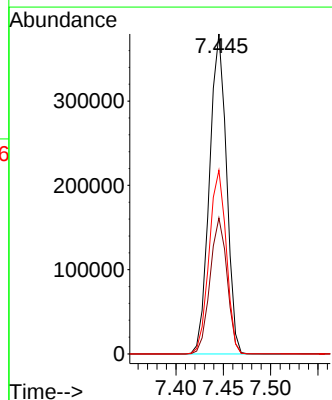
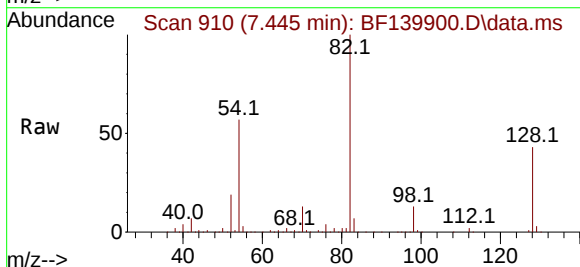
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.3	8.4	12.6
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 43.284 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

Tgt Ion: 82 Resp: 473950

Ion	Ratio	Lower	Upper
82	100		
128	42.5	33.4	50.0
54	57.4	47.8	71.8

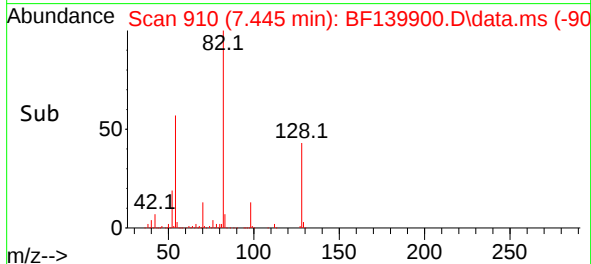
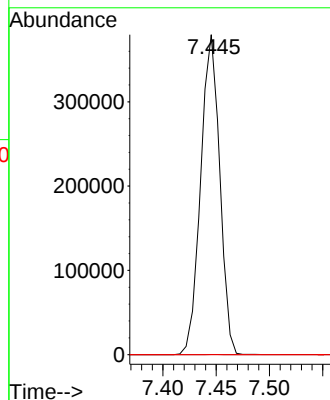
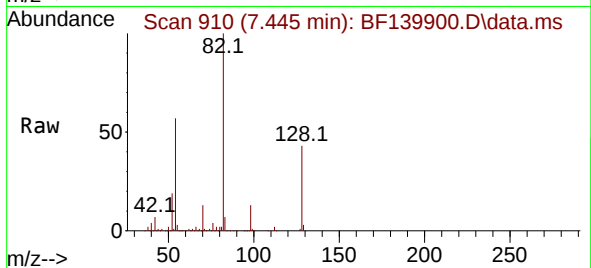




#25
Isophorone
Concen: 22.744 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

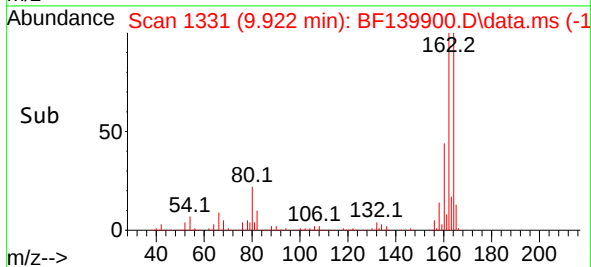
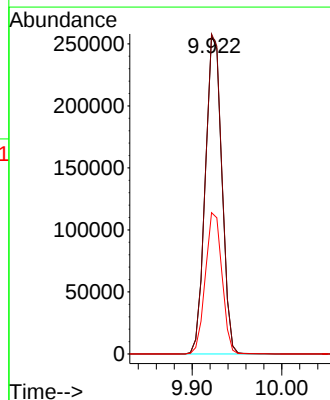
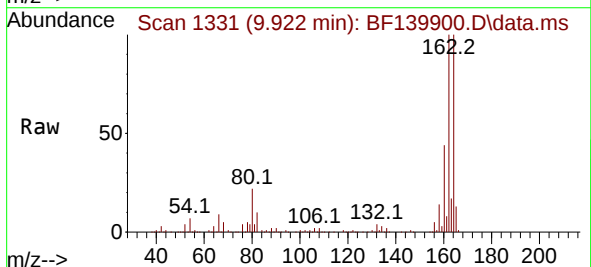
Instrument :
BNA_F
ClientSampleId :
PAD-6

Tgt Ion: 82 Resp: 472691
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: BF139900.D
Acq: 21 Oct 2024 13:49

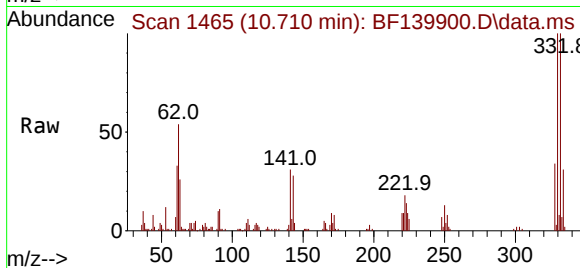
Tgt Ion: 164 Resp: 328144
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 44.3 35.4 53.0



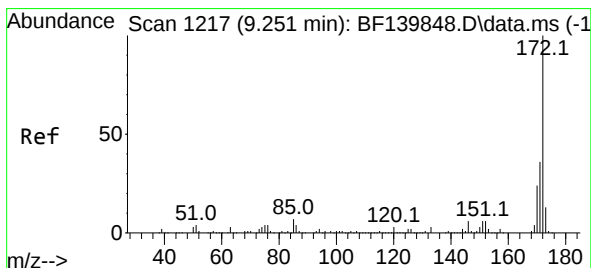
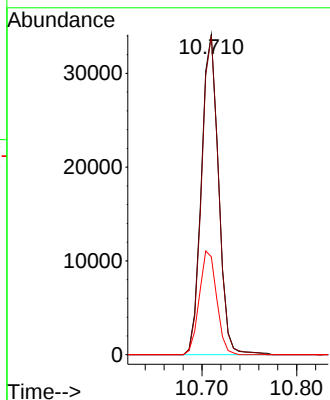
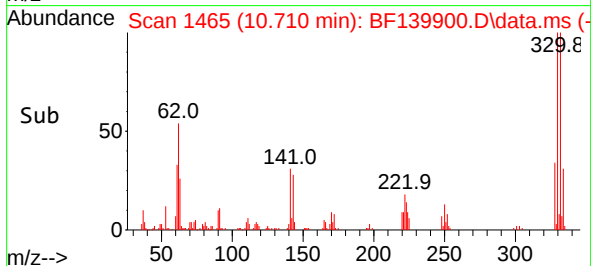


#42
2,4,6-Tribromophenol
Concen: 13.987 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

Instrument :
BNA_F
ClientSampleId :
PAD-6

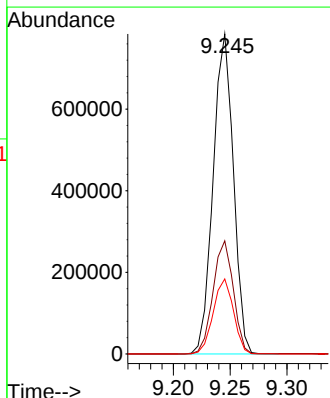
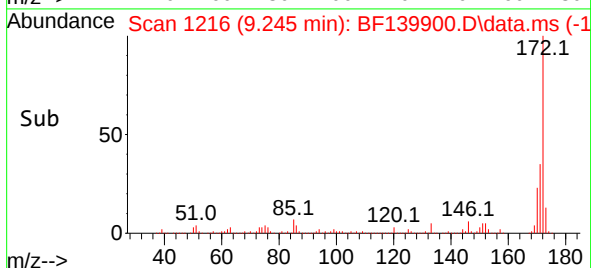
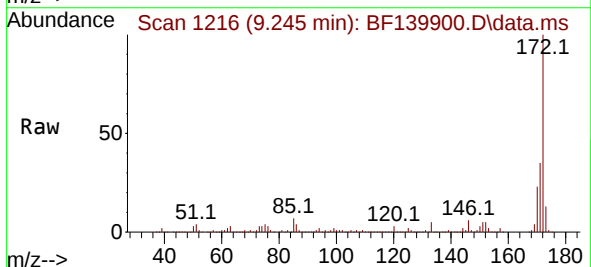


Tgt Ion:330 Resp: 42930
Ion Ratio Lower Upper
330 100
332 98.3 78.1 117.1
141 32.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 49.056 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

Tgt Ion:172 Resp: 974016
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.4 19.1 28.7

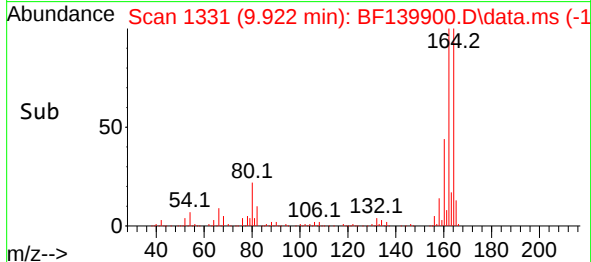
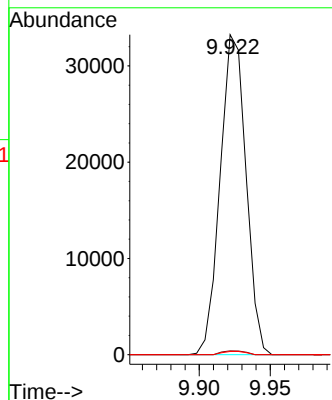
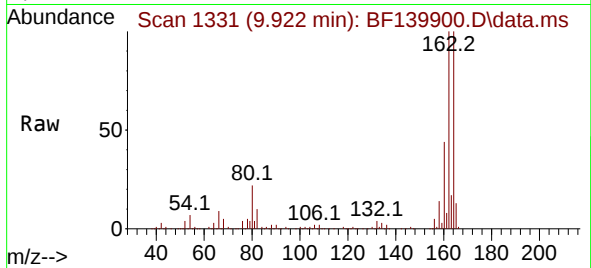




#51
2,6-Dinitrotoluene
Concen: 9.511 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

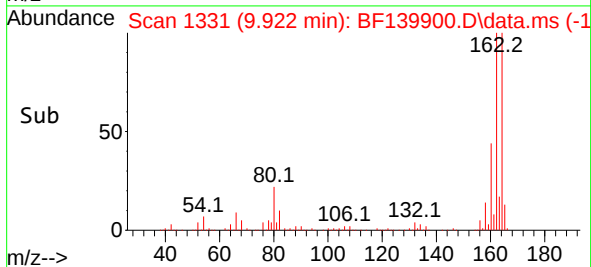
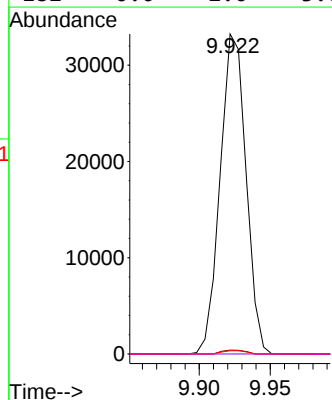
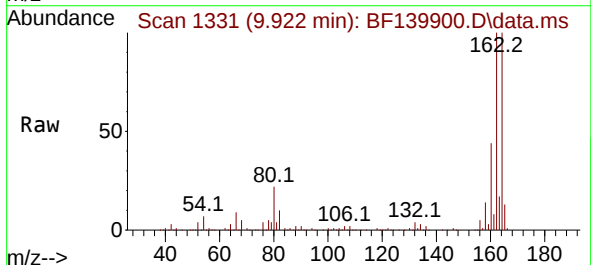
Instrument :
BNA_F
ClientSampleId :
PAD-6

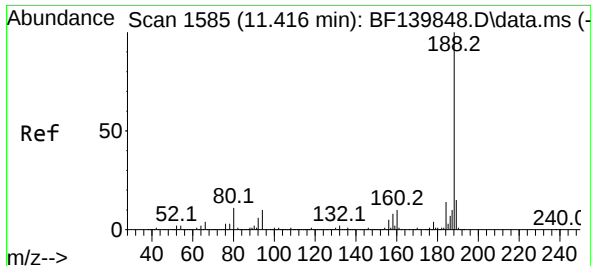
Tgt Ion:165 Resp: 42091
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.734 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

Tgt Ion:165 Resp: 42091
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.0 60.4 90.6#
182 0.0 2.0 3.0#

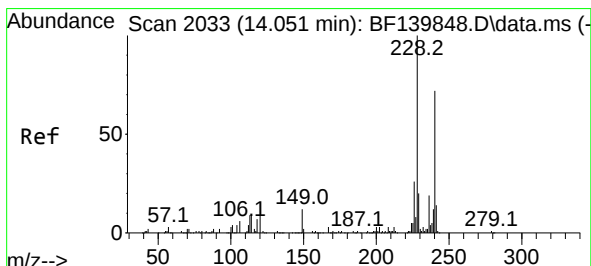
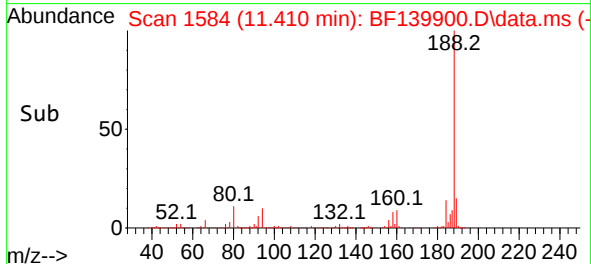
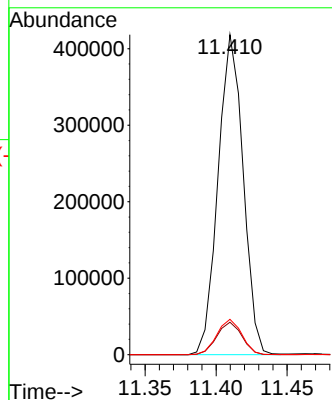
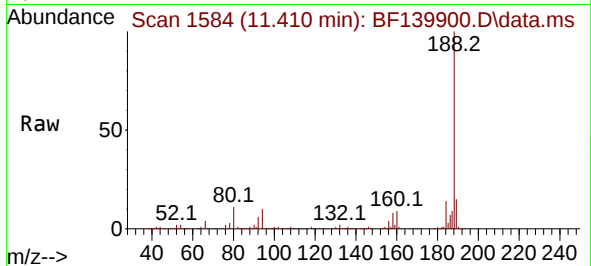




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

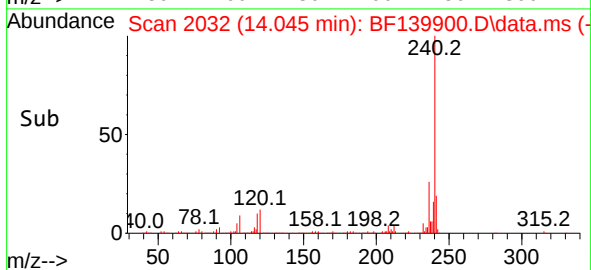
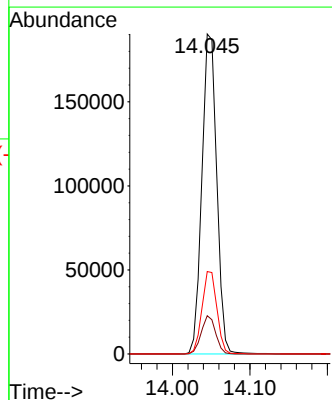
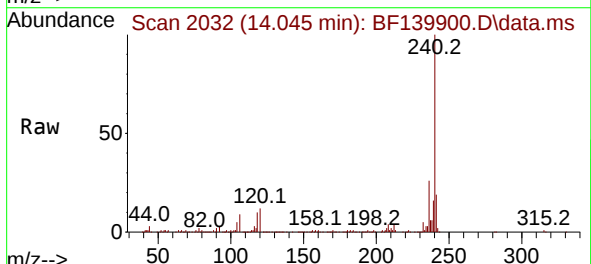
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ClientSampleId :
PAD-6

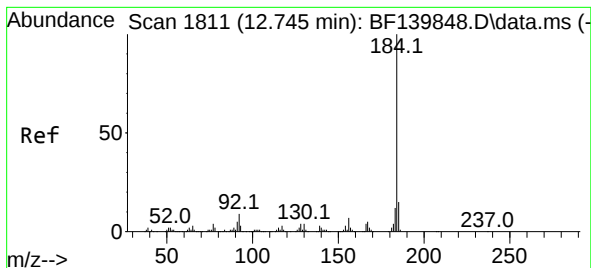
Tgt Ion:188 Resp: 513543
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139900.D
Acq: 21 Oct 2024 13:49

Tgt Ion:240 Resp: 253605
Ion Ratio Lower Upper
240 100
120 11.9 9.4 14.2
236 25.8 20.9 31.3





#77

Benzidine

Concen: 2.356 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.253 min

Lab File: BF139900.D

Acq: 21 Oct 2024 13:49

Instrument :

BNA_F

ClientSampleId :

PAD-6

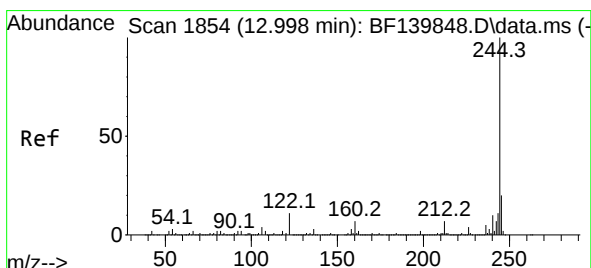
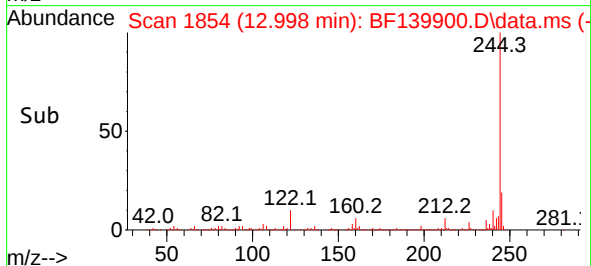
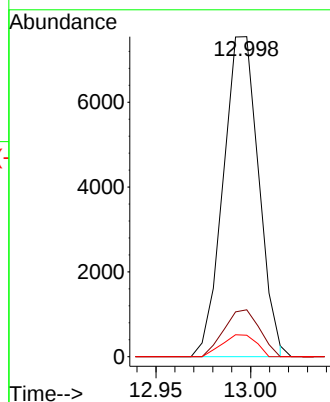
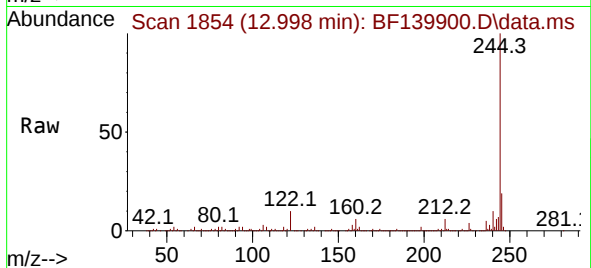
Tgt Ion:184 Resp: 9825

Ion Ratio Lower Upper

184 100

185 14.6 12.0 18.0

183 6.7 9.4 14.2#



#79

Terphenyl-d14

Concen: 51.384 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139900.D

Acq: 21 Oct 2024 13:49

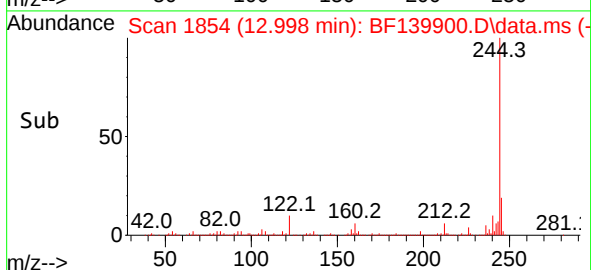
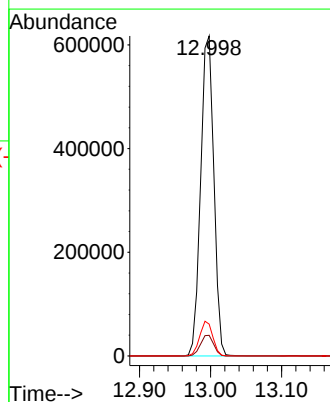
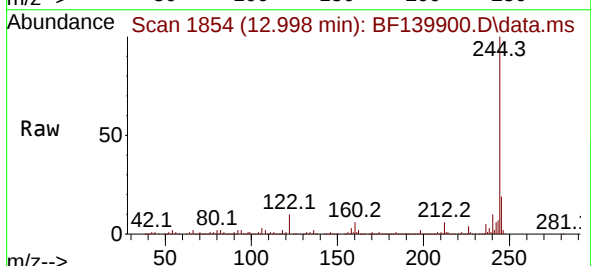
Tgt Ion:244 Resp: 799712

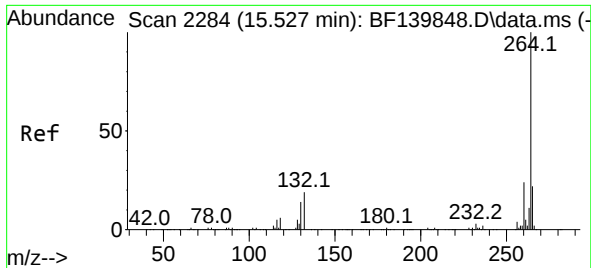
Ion Ratio Lower Upper

244 100

212 6.4 5.7 8.5

122 10.0 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139900.D
 Acq: 21 Oct 2024 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PAD-6

Tgt Ion:264 Resp: 328177
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.4 29.2
 265 21.8 17.4 26.0

