

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139882.D
 Acq On : 19 Oct 2024 20:10
 Operator : RC/JU
 Sample : P4426-19
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-10

Quant Time: Oct 21 01:43:51 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)

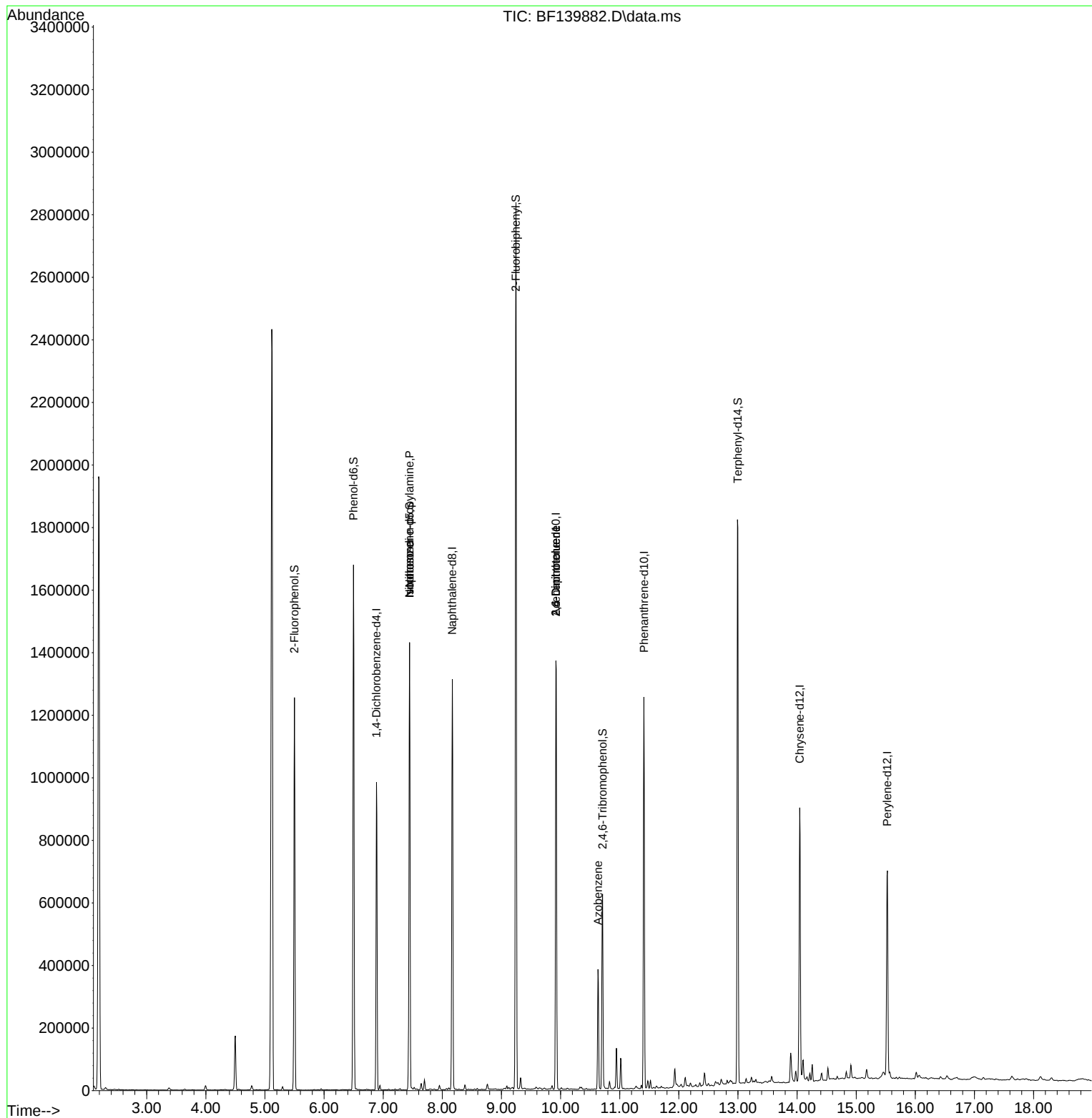
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	197521	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	771255	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	412785	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	636993	20.000	ng	0.00
76) Chrysene-d12	14.045	240	370206	20.000	ng	0.00
86) Perylene-d12	15.527	264	387933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	431792	34.222	ng	0.00
7) Phenol-d6	6.498	99	752727	46.063	ng	-0.01
23) Nitrobenzene-d5	7.445	82	593914	42.680	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	100786	26.103	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1205507	48.266	ng	0.00
79) Terphenyl-d14	12.998	244	903808	39.782	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	81057	8.179	ng	# 79
25) Isophorone	7.445	82	592586	22.436	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	52992	9.519	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	52992	7.741	ng	# 21
63) Azobenzene	10.633	77	94866	3.545	ng	# 1

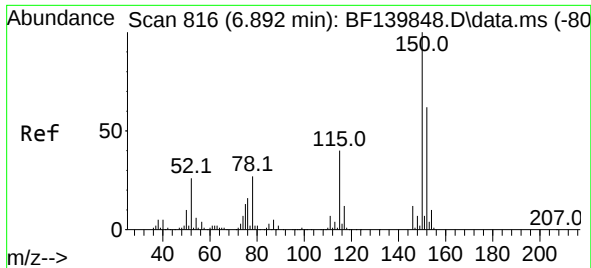
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
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ALS Vial : 16 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
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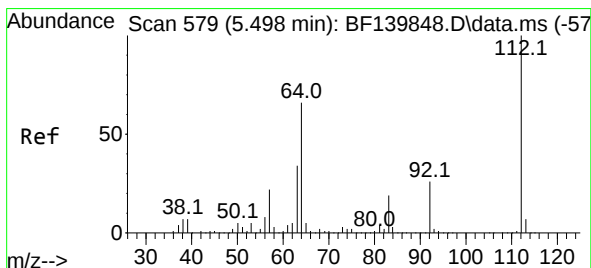
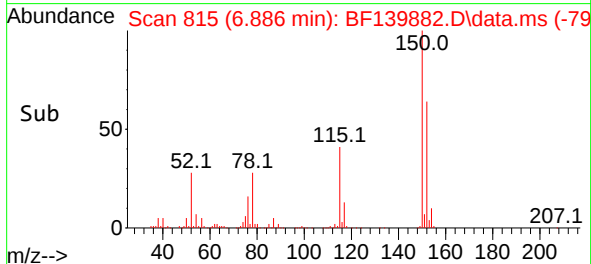
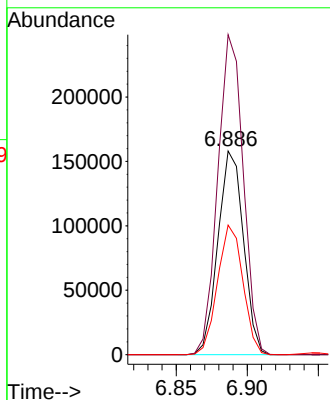
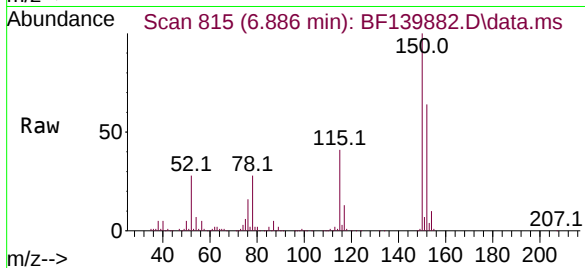




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

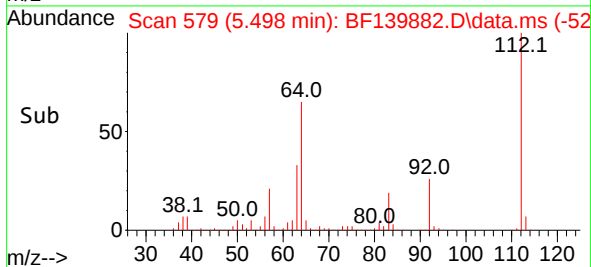
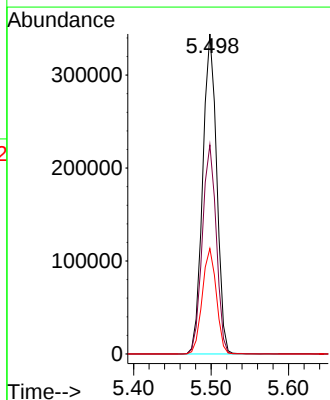
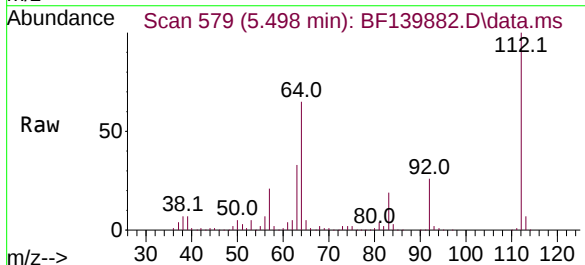
Instrument :
BNA_F
ClientSampleId :
PAD-10

Tgt Ion:152 Resp: 197521
Ion Ratio Lower Upper
152 100
150 157.1 130.2 195.2
115 63.7 51.4 77.2



#5
2-Fluorophenol
Concen: 34.222 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

Tgt Ion:112 Resp: 431792
Ion Ratio Lower Upper
112 100
64 65.3 53.0 79.6
63 33.0 27.0 40.4

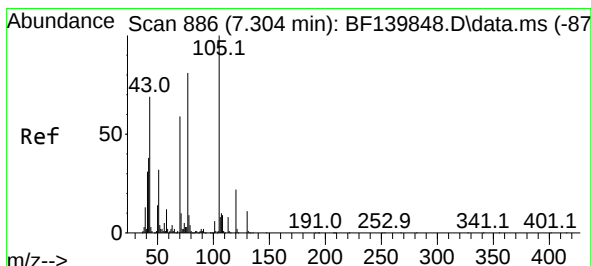
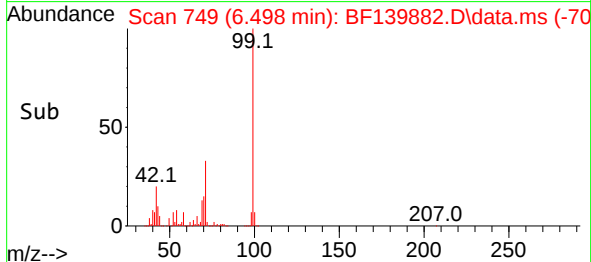
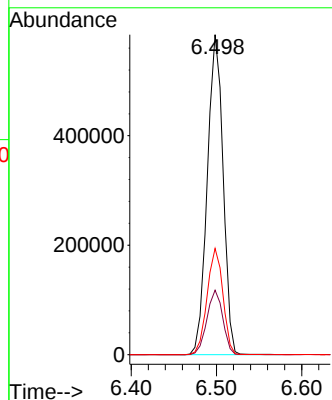
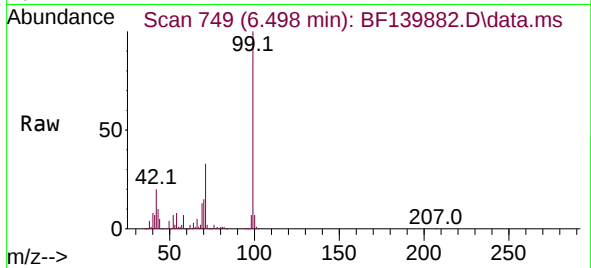




#7
Phenol-d6
Concen: 46.063 ng
RT: 6.498 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

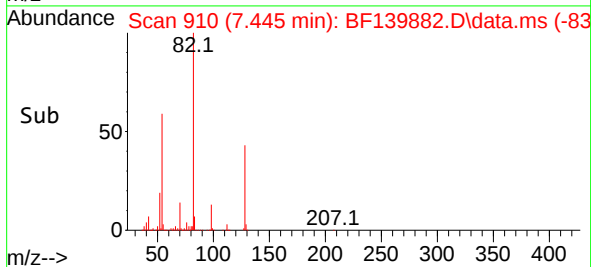
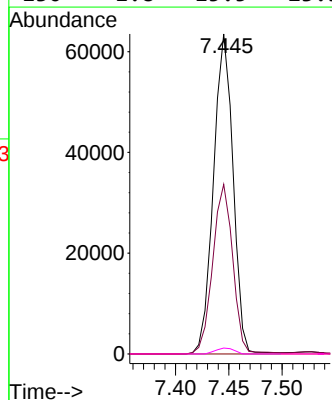
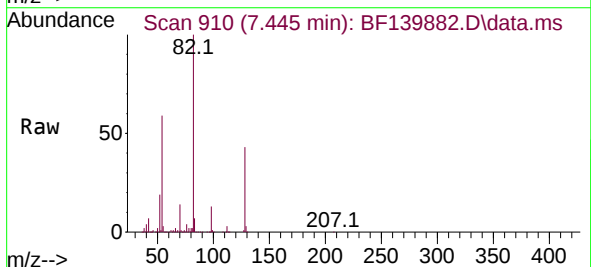
Instrument :
BNA_F
ClientSampleId :
PAD-10

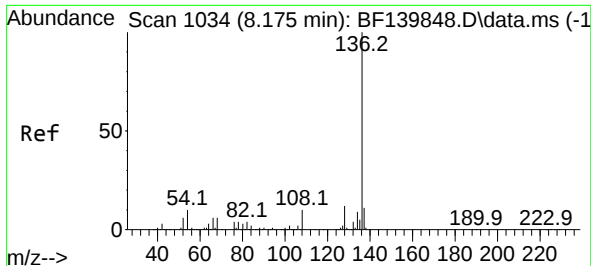
Tgt Ion: 99 Resp: 752727
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 33.2 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.179 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

Tgt Ion: 70 Resp: 81057
Ion Ratio Lower Upper
70 100
42 53.0 51.5 77.3
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#

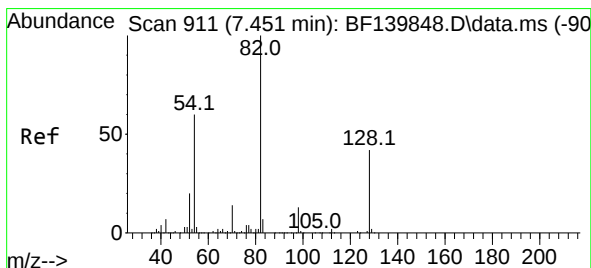
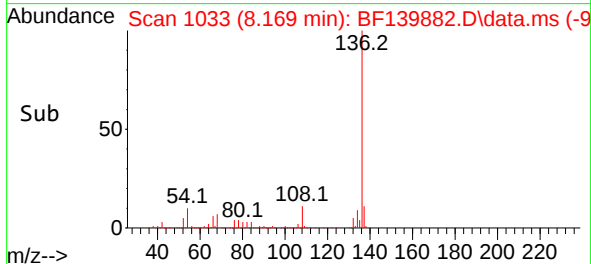
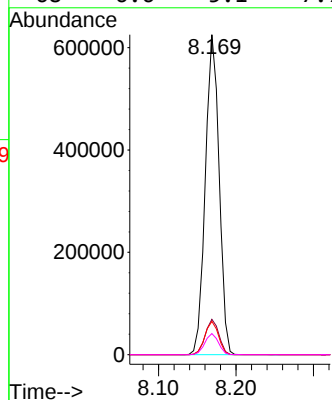
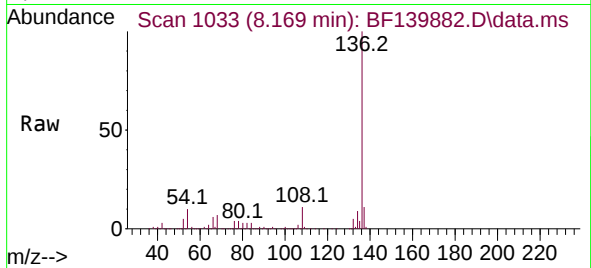




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

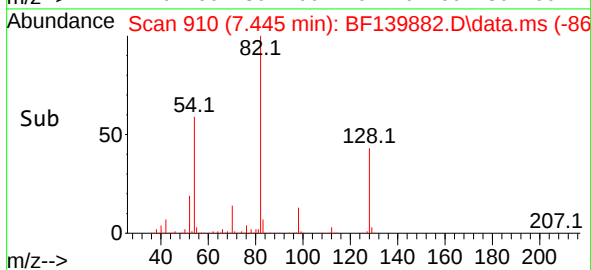
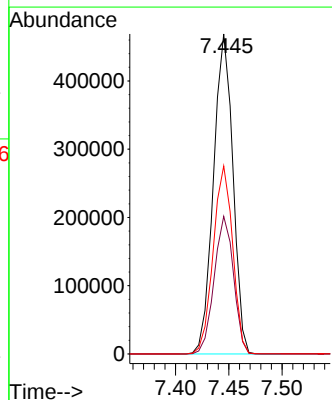
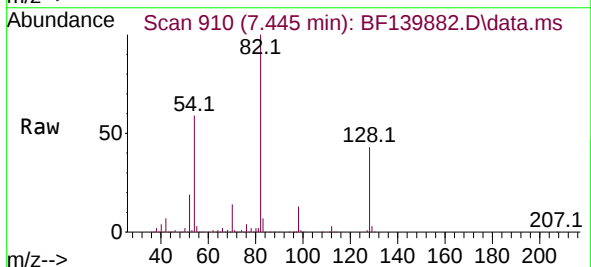
Instrument :
BNA_F
ClientSampleId :
PAD-10

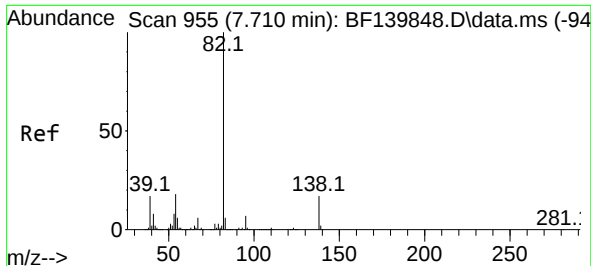
Tgt Ion:	136	Resp:	771255
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	10.4	8.4	12.6
68	6.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 42.680 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

Tgt Ion:	82	Resp:	593914
Ion	Ratio	Lower	Upper
82	100		
128	43.0	33.4	50.0
54	58.7	47.8	71.8

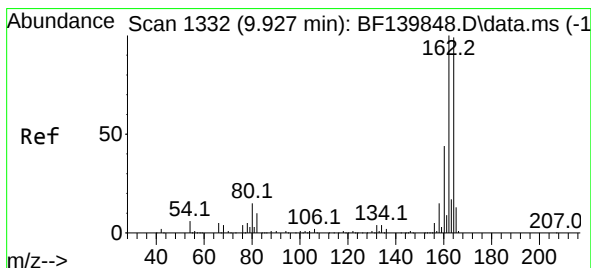
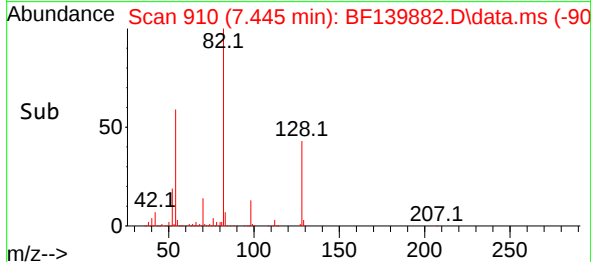
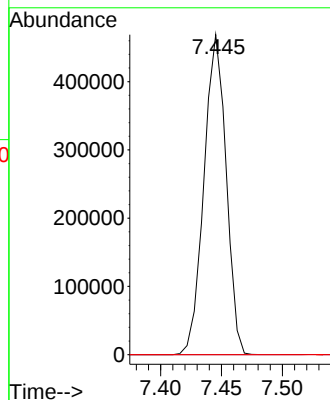
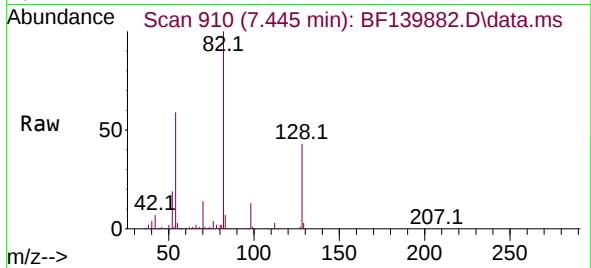




#25
Isophorone
Concen: 22.436 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

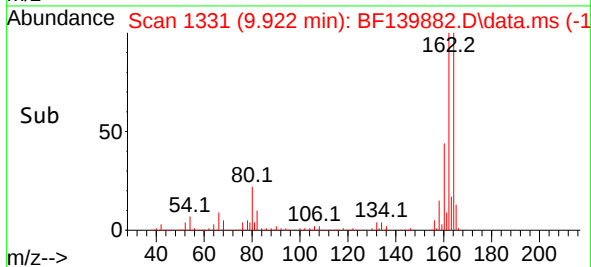
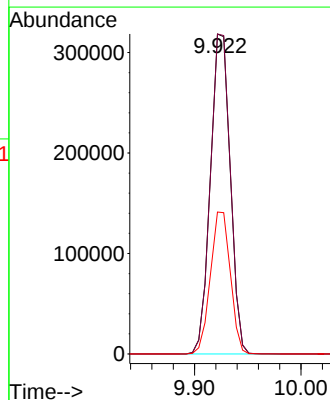
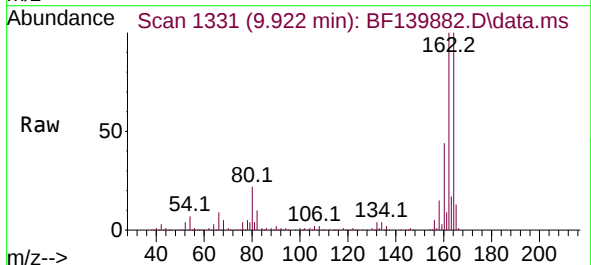
Instrument :
BNA_F
ClientSampleId :
PAD-10

Tgt Ion: 82 Resp: 592586
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: BF139882.D
Acq: 19 Oct 2024 20:10

Tgt Ion: 164 Resp: 412785
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 44.4 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 26.103 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139882.D

Acq: 19 Oct 2024 20:10

Instrument :

BNA_F

ClientSampleId :

PAD-10

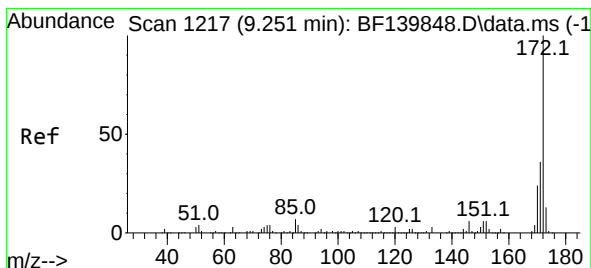
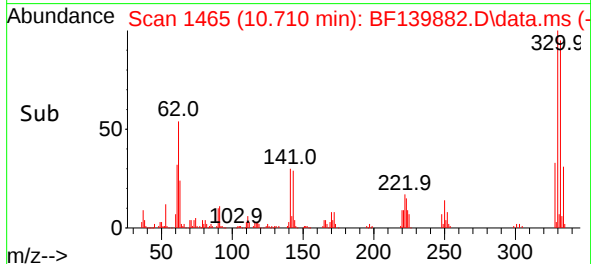
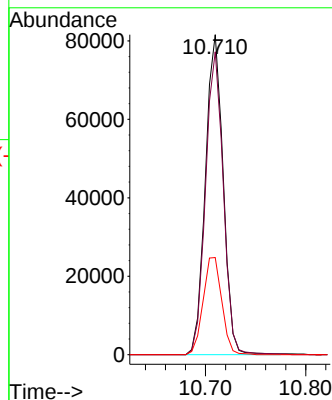
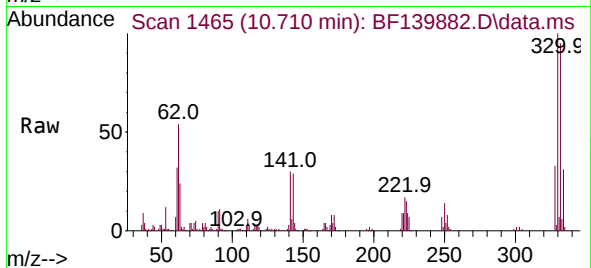
Tgt Ion:330 Resp: 100786

Ion Ratio Lower Upper

330 100

332 94.7 78.1 117.1

141 31.9 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 48.266 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139882.D

Acq: 19 Oct 2024 20:10

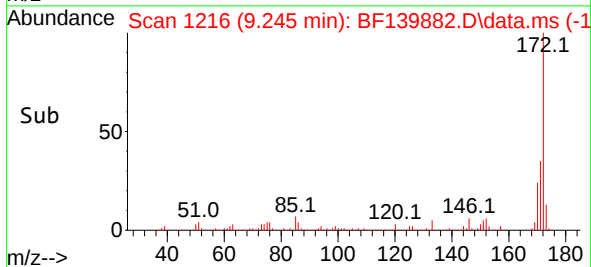
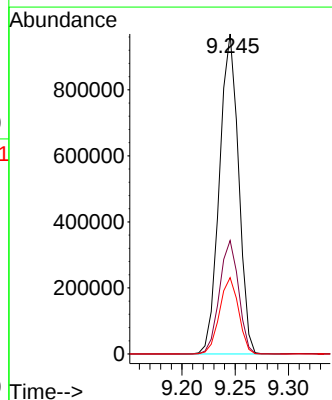
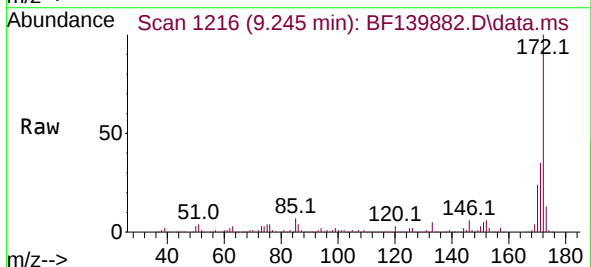
Tgt Ion:172 Resp: 1205507

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.9 19.1 28.7

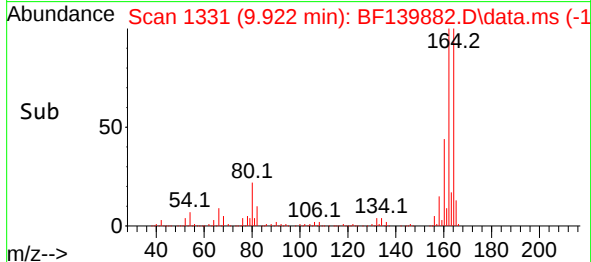
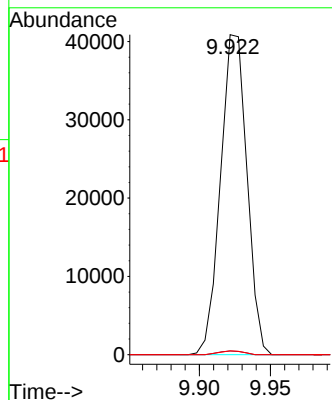
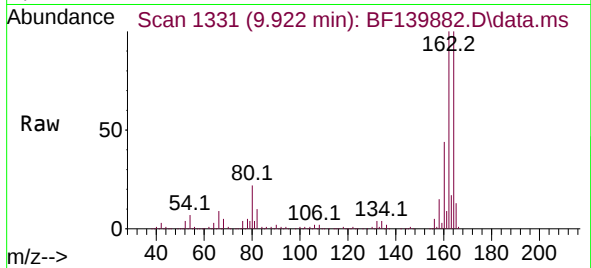




#51
2,6-Dinitrotoluene
Concen: 9.519 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

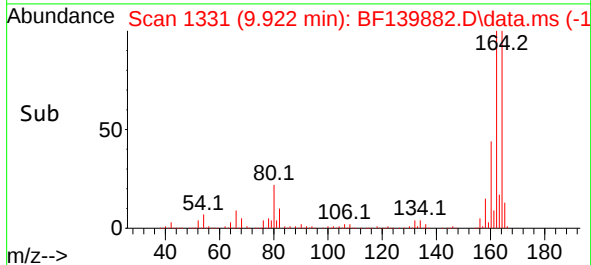
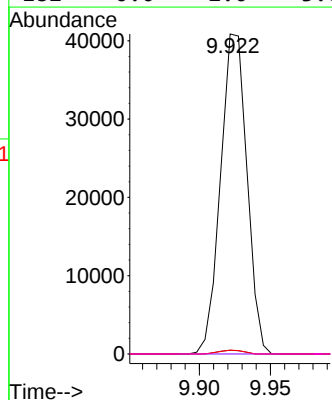
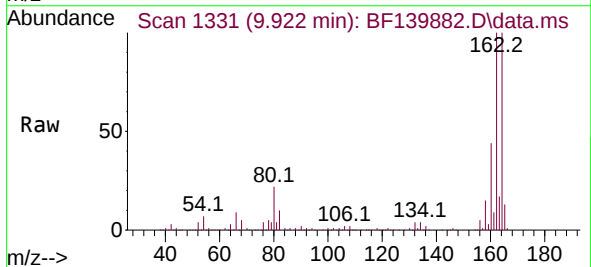
Instrument :
BNA_F
ClientSampleId :
PAD-10

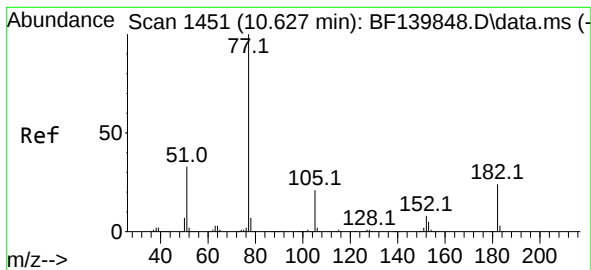
Tgt Ion:165 Resp: 52992
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.741 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

Tgt Ion:165 Resp: 52992
Ion Ratio Lower Upper
165 100
63 1.2 40.1 60.1#
89 1.2 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 3.545 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139882.D

Acq: 19 Oct 2024 20:10

Instrument :

BNA_F

ClientSampleId :

PAD-10

Tgt Ion: 77 Resp: 94866

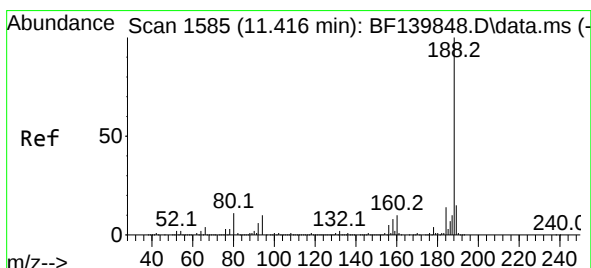
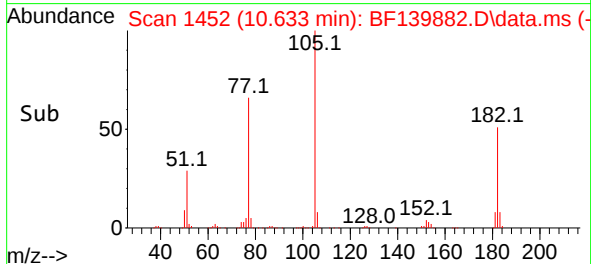
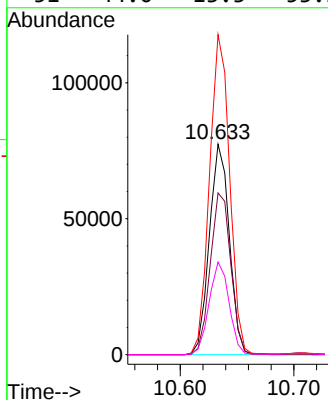
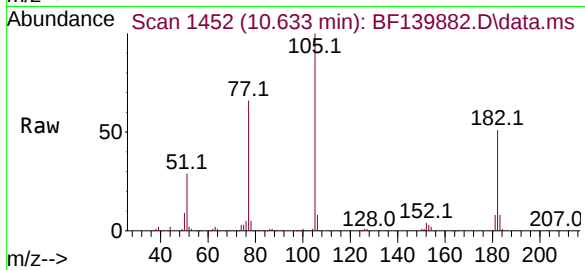
Ion Ratio Lower Upper

77 100

182 76.8 3.3 43.3#

105 152.1 1.2 41.2#

51 44.0 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: BF139882.D

Acq: 19 Oct 2024 20:10

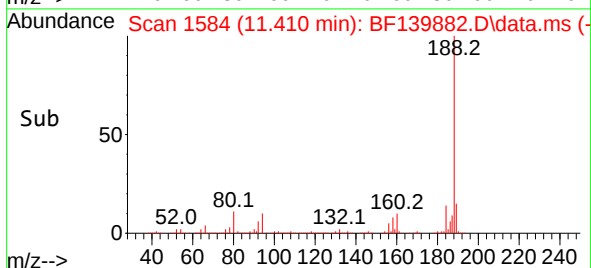
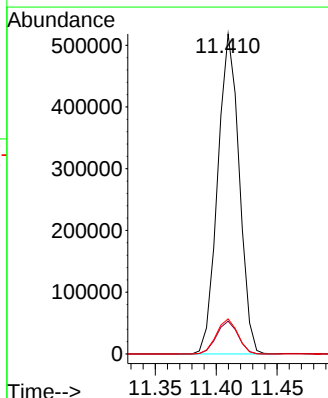
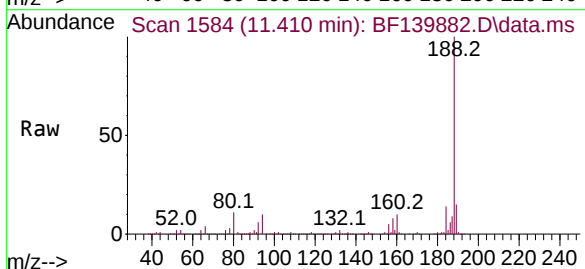
Tgt Ion: 188 Resp: 636993

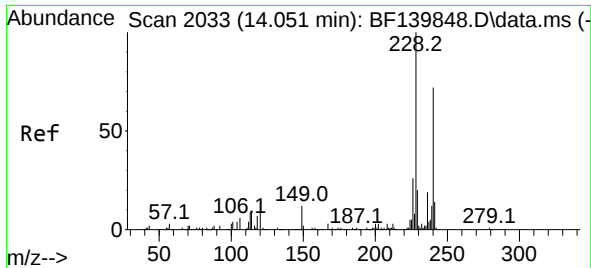
Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

80 10.9 9.0 13.4

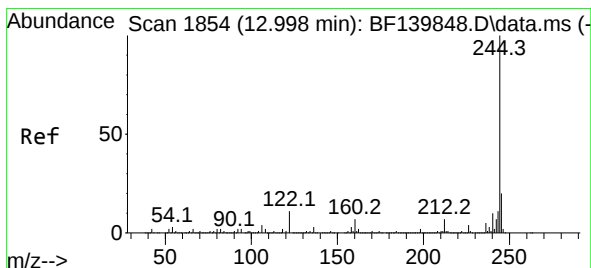
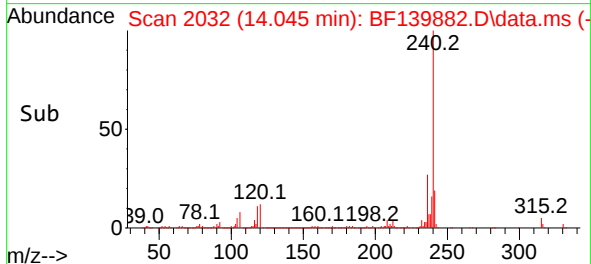
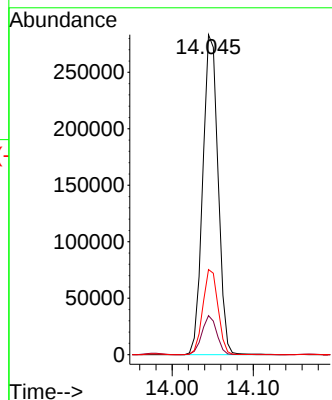
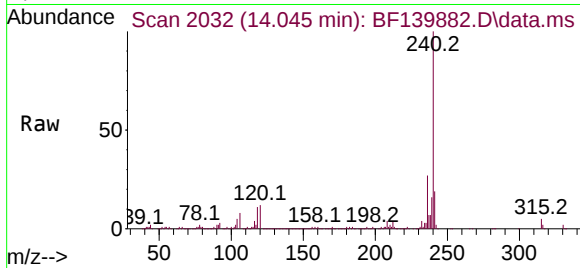




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

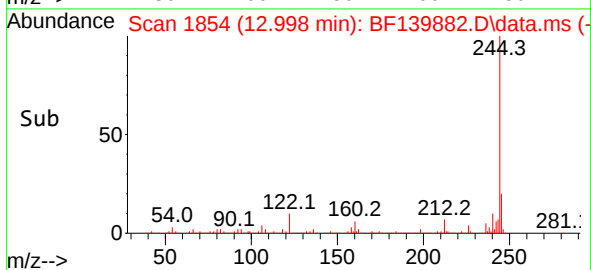
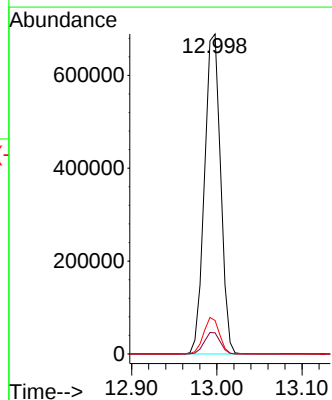
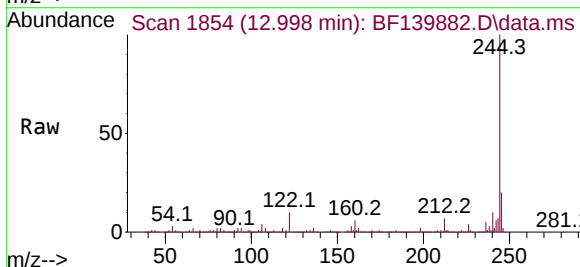
Instrument :
BNA_F
ClientSampleId :
PAD-10

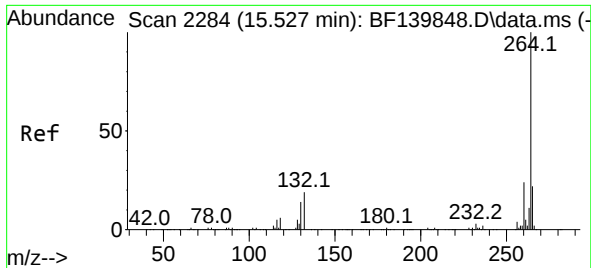
Tgt Ion:240 Resp: 370206
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 26.6 20.9 31.3



#79
Terphenyl-d14
Concen: 39.782 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139882.D
Acq: 19 Oct 2024 20:10

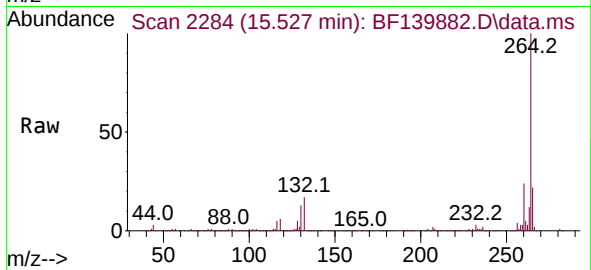
Tgt Ion:244 Resp: 903808
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 10.5 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139882.D
 Acq: 19 Oct 2024 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PAD-10



Tgt Ion:264 Resp: 387933

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.6	17.4	26.0

