

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101924\
 Data File : BF139885.D
 Acq On : 19 Oct 2024 21:35
 Operator : RC/JU
 Sample : P4426-31
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-16

Quant Time: Oct 21 01:44:56 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)

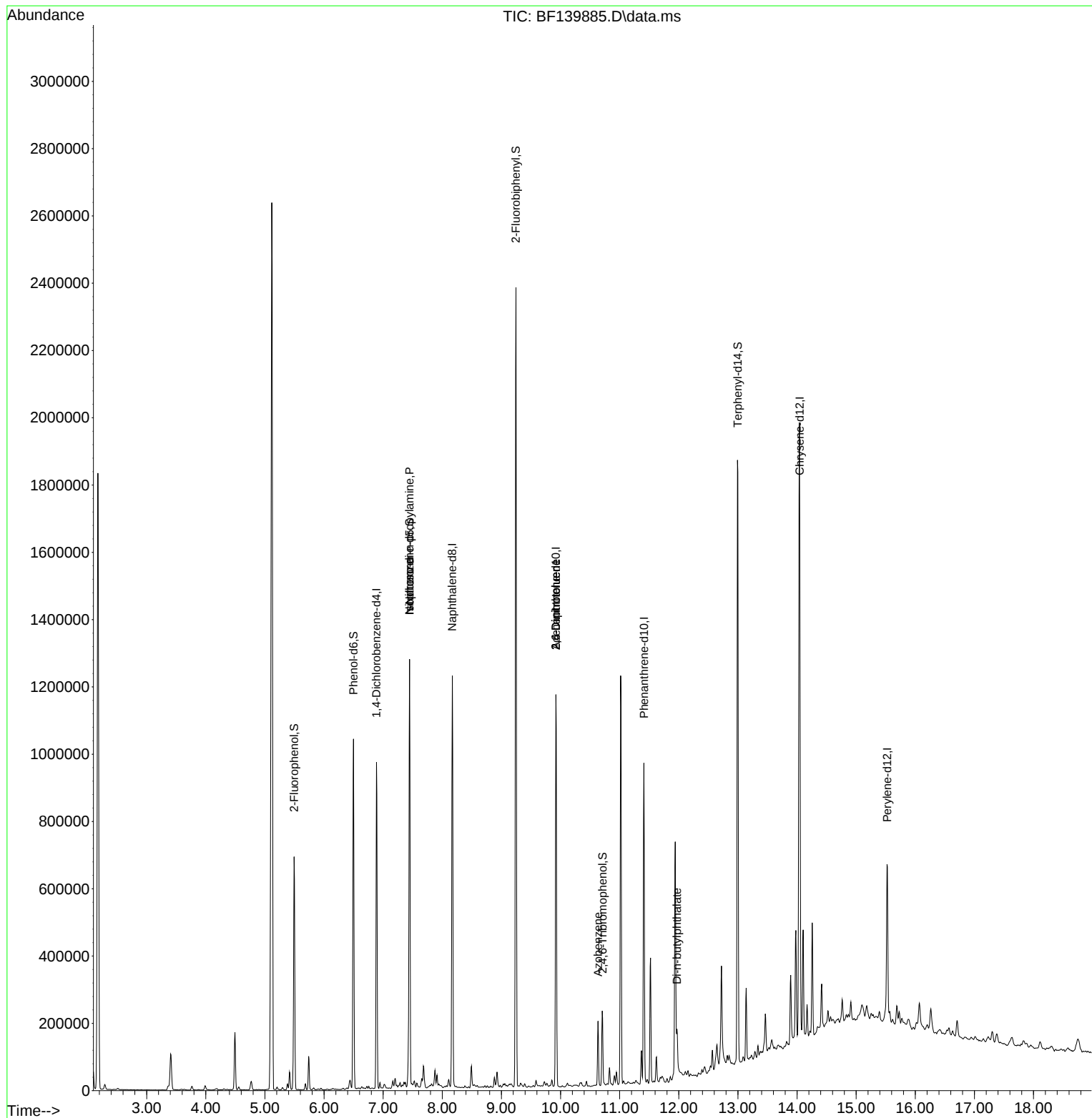
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	195373	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	714977	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	338275	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	475082	20.000	ng	0.00
76) Chrysene-d12	14.045	240	372525	20.000	ng	0.00
86) Perylene-d12	15.527	264	269044	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	210893	16.898	ng	0.00
7) Phenol-d6	6.498	99	448370	27.739	ng	-0.01
23) Nitrobenzene-d5	7.445	82	529537	41.049	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	33560	10.606	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1004978	49.100	ng	0.00
79) Terphenyl-d14	12.998	244	890622	38.957	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	75154	7.666	ng	# 79
25) Isophorone	7.445	82	527688	21.552	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	44279	9.706	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	44279	7.893	ng	# 21
63) Azobenzene	10.633	77	46119	2.103	ng	# 1
74) Di-n-butylphthalate	11.969	149	65095	2.767	ng	99

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

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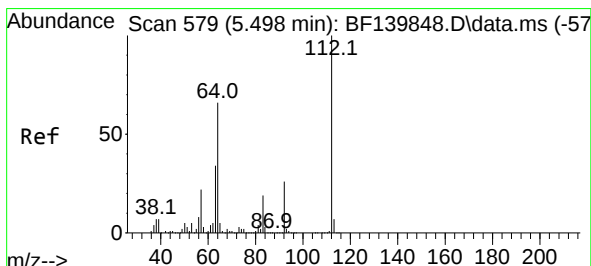
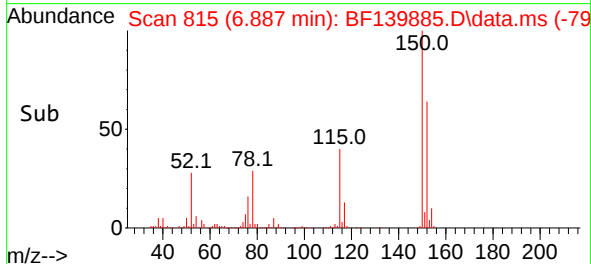
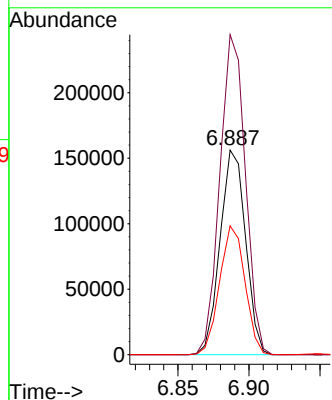
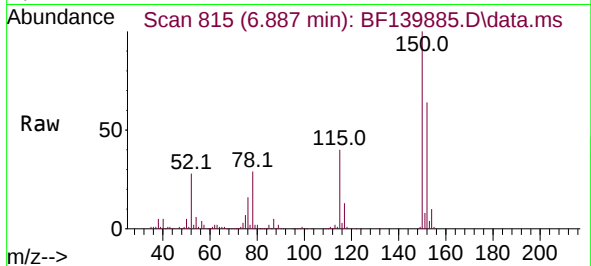




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 816
 Delta R.T. -0.005 min
 Lab File: BF139885.D
 Acq: 19 Oct 2024 21:35

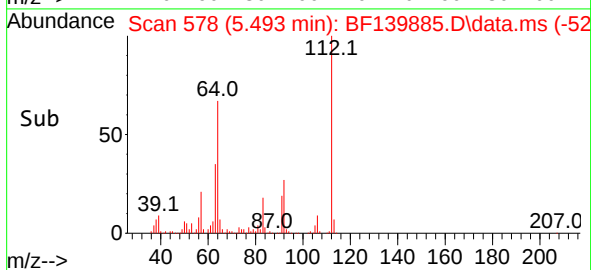
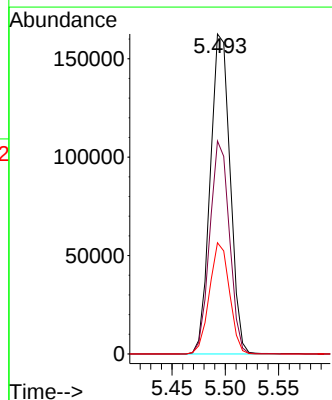
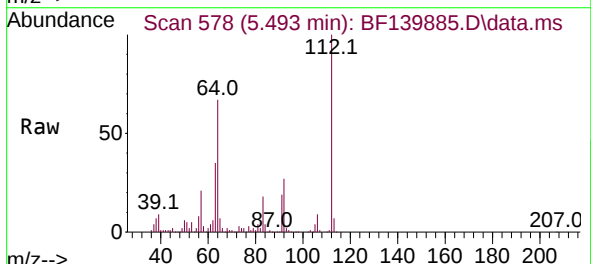
Instrument :
 BNA_F
 ClientSampleId :
 PAD-16

Tgt Ion:152 Resp: 195373
 Ion Ratio Lower Upper
 152 100
 150 156.3 130.2 195.2
 115 62.9 51.4 77.2



#5
 2-Fluorophenol
 Concen: 16.898 ng
 RT: 5.493 min Scan# 578
 Delta R.T. -0.006 min
 Lab File: BF139885.D
 Acq: 19 Oct 2024 21:35

Tgt Ion:112 Resp: 210893
 Ion Ratio Lower Upper
 112 100
 64 66.6 53.0 79.6
 63 34.8 27.0 40.4

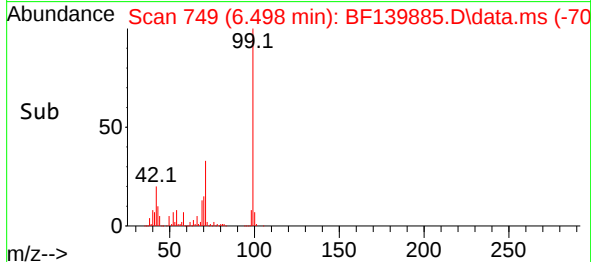
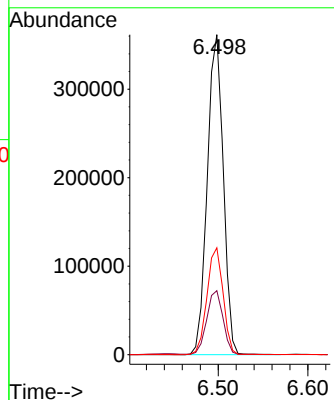
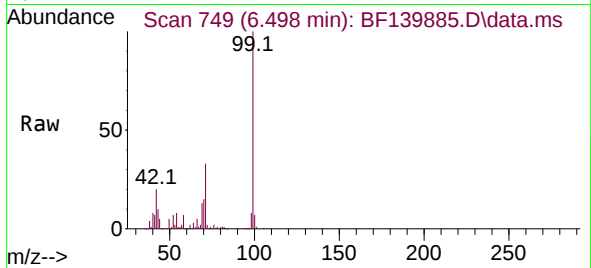




#7
Phenol-d6
Concen: 27.739 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139885.D
Acq: 19 Oct 2024 21:35

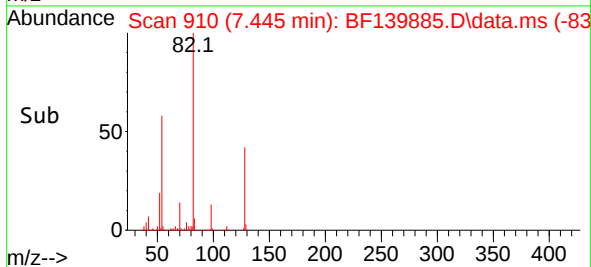
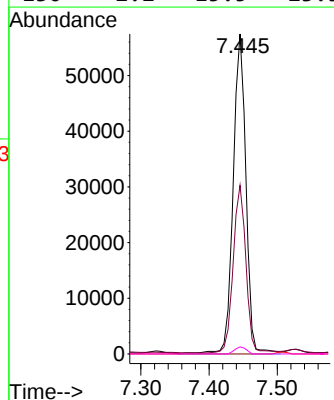
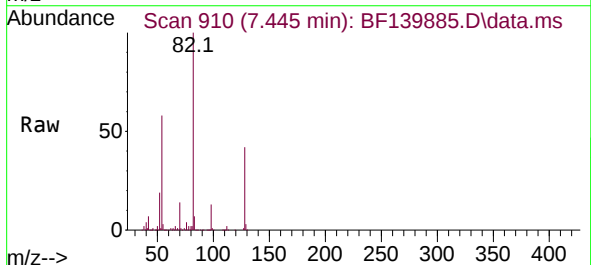
Instrument :
BNA_F
ClientSampleId :
PAD-16

Tgt Ion: 99 Resp: 448370
Ion Ratio Lower Upper
99 100
42 20.0 16.7 25.1
71 33.4 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 7.666 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139885.D
Acq: 19 Oct 2024 21:35

Tgt Ion: 70 Resp: 75154
Ion Ratio Lower Upper
70 100
42 52.7 51.5 77.3
101 0.0 7.5 11.3#
130 2.2 15.5 23.3#



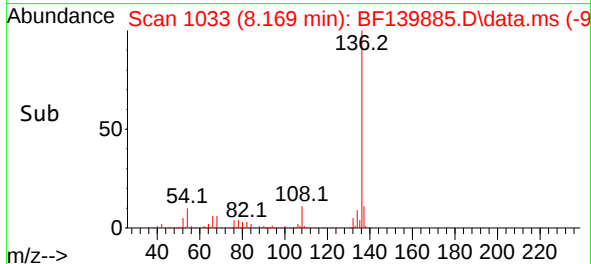
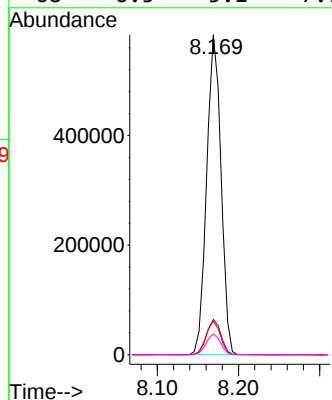
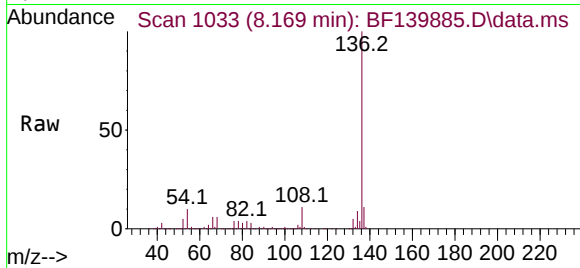


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139885.D
Acq: 19 Oct 2024 21:35

Instrument :
BNA_F
ClientSampleId :
PAD-16

Tgt Ion:136 Resp: 714977

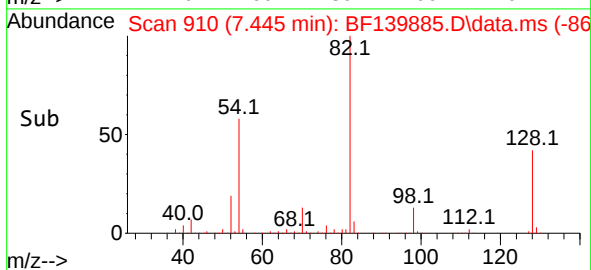
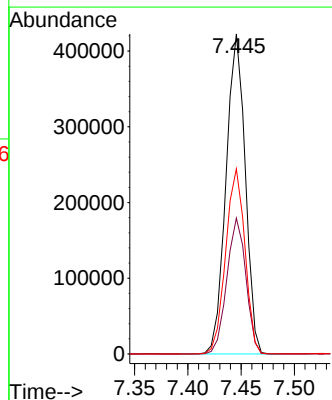
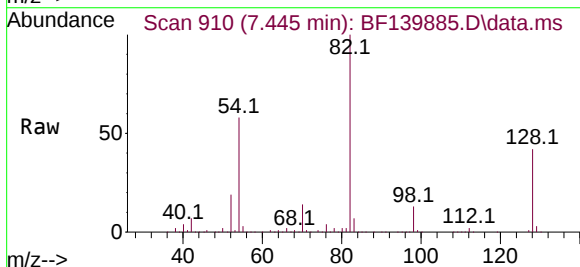
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.4	8.4	12.6
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 41.049 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139885.D
Acq: 19 Oct 2024 21:35

Tgt Ion: 82 Resp: 529537

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	57.8	47.8	71.8

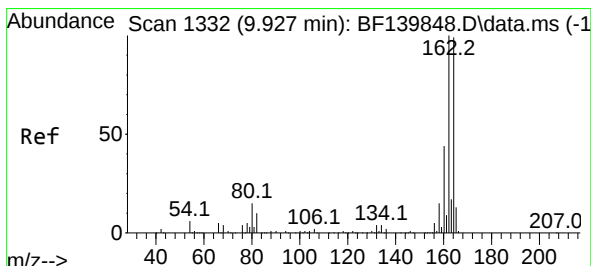
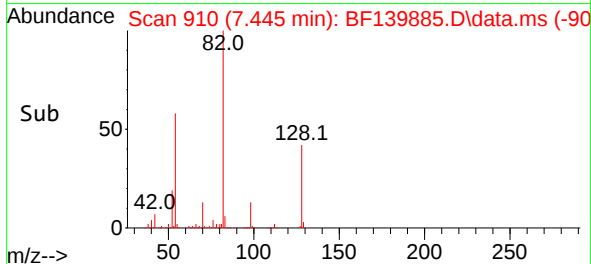
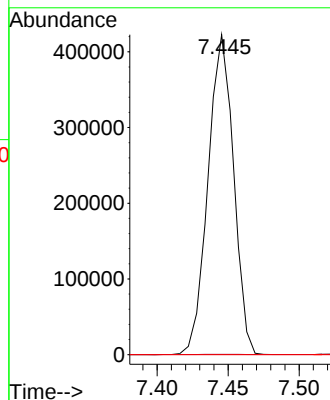
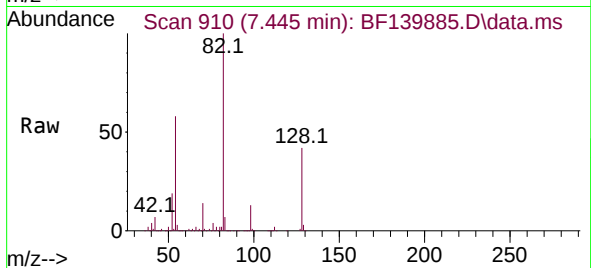




#25
Isophorone
Concen: 21.552 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.264 min
Lab File: BF139885.D
Acq: 19 Oct 2024 21:35

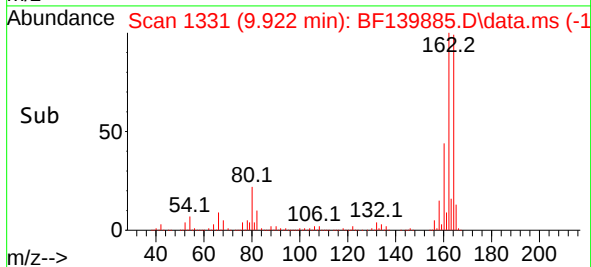
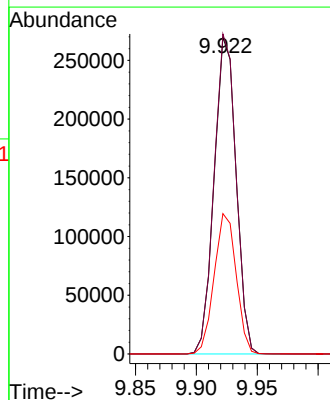
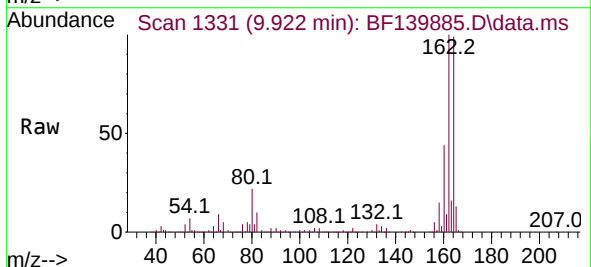
Instrument :
BNA_F
ClientSampleId :
PAD-16

Tgt Ion: 82 Resp: 527688
Ion Ratio Lower Upper
82 100
95 0.1 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: BF139885.D
Acq: 19 Oct 2024 21:35

Tgt Ion: 164 Resp: 338275
Ion Ratio Lower Upper
164 100
162 101.0 81.0 121.4
160 44.3 35.4 53.0

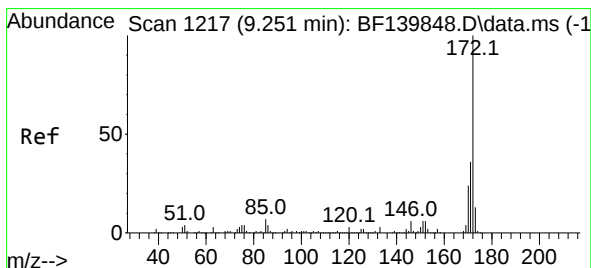
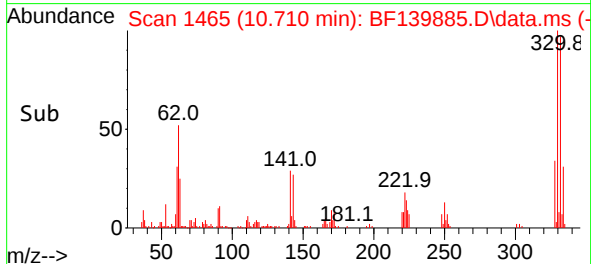
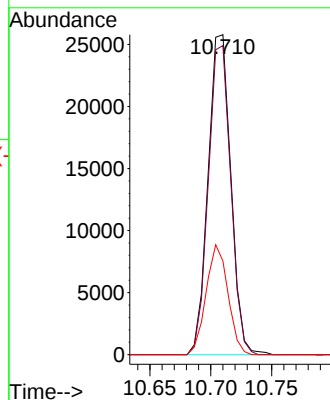
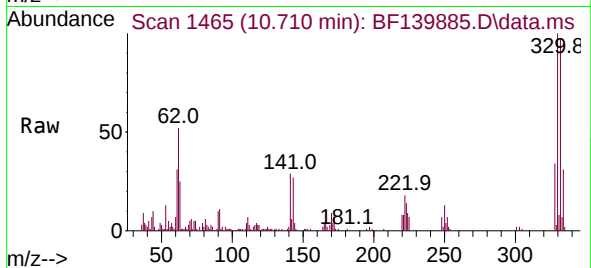




#42
2,4,6-Tribromophenol
Concen: 10.606 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139885.D
Acq: 19 Oct 2024 21:35

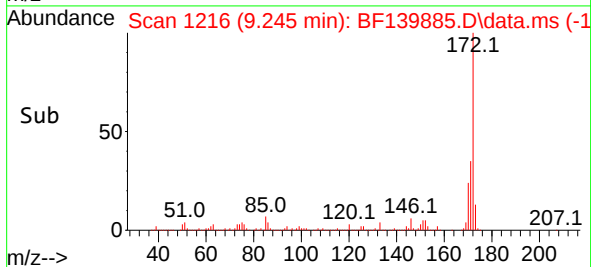
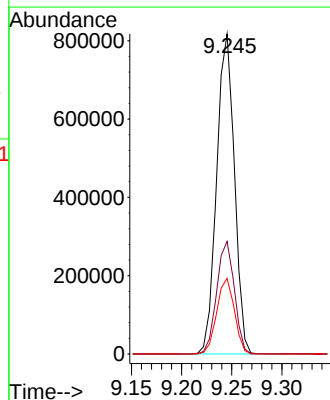
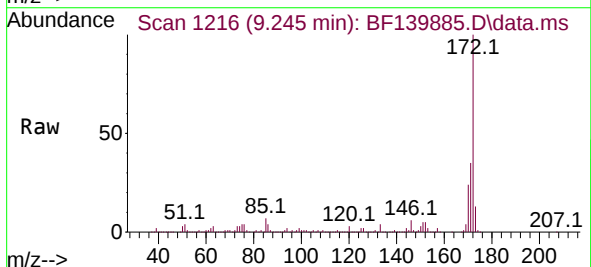
Instrument :
BNA_F
ClientSampleId :
PAD-16

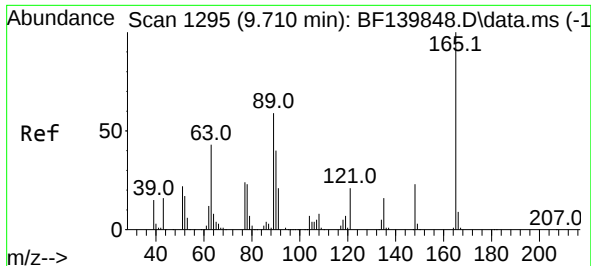
Tgt Ion: 330 Resp: 33560
Ion Ratio Lower Upper
330 100
332 95.0 78.1 117.1
141 32.9 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 49.100 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139885.D
Acq: 19 Oct 2024 21:35

Tgt Ion: 172 Resp: 1004978
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 23.6 19.1 28.7

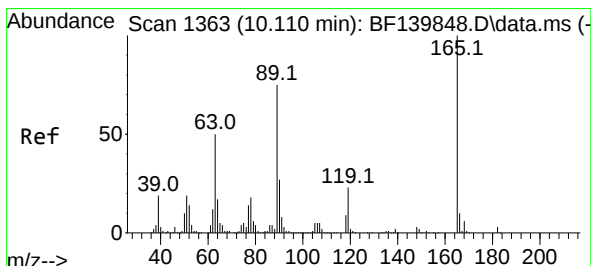
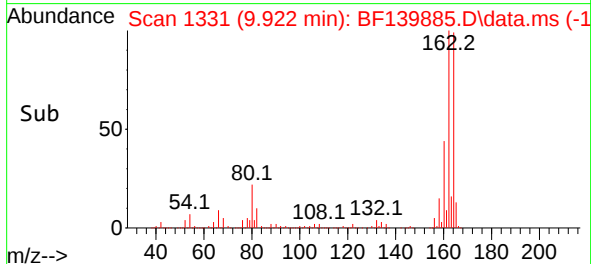
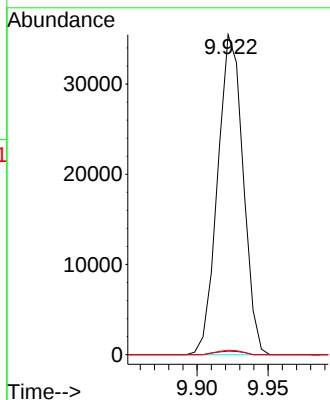
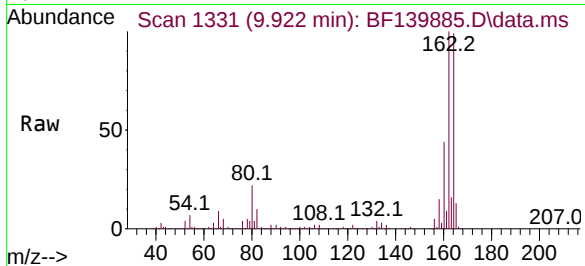




#51
2,6-Dinitrotoluene
Concen: 9.706 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139885.D
Acq: 19 Oct 2024 21:35

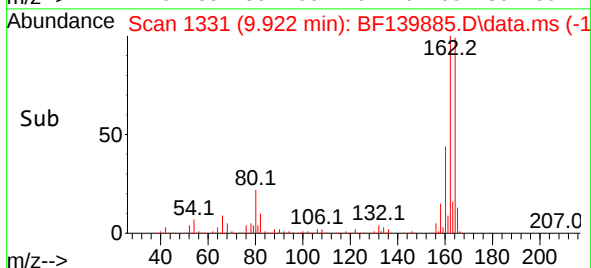
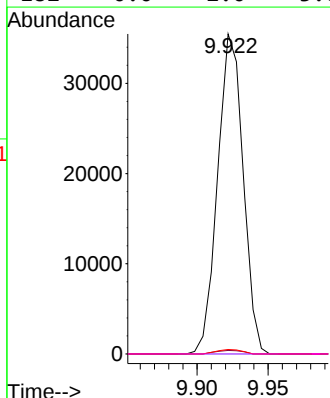
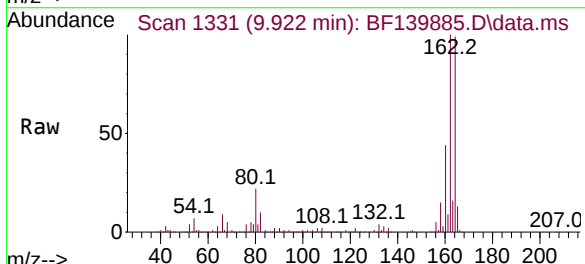
Instrument :
BNA_F
ClientSampleId :
PAD-16

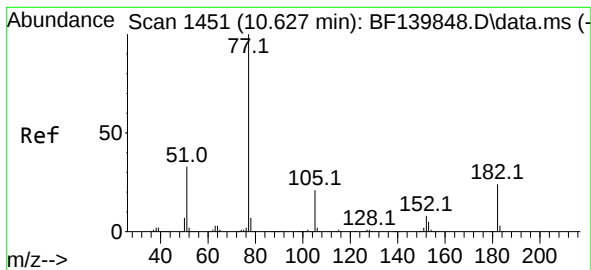
Tgt Ion:165 Resp: 44279
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.4 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.893 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139885.D
Acq: 19 Oct 2024 21:35

Tgt Ion:165 Resp: 44279
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.4 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 2.103 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139885.D

Acq: 19 Oct 2024 21:35

Instrument :

BNA_F

ClientSampleId :

PAD-16

Tgt Ion: 77 Resp: 46119

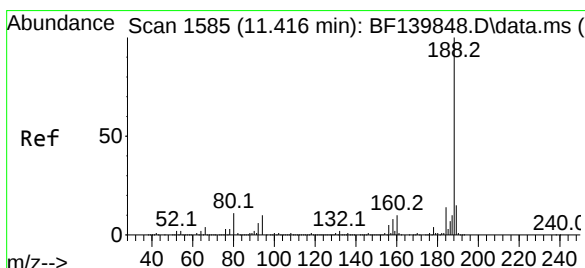
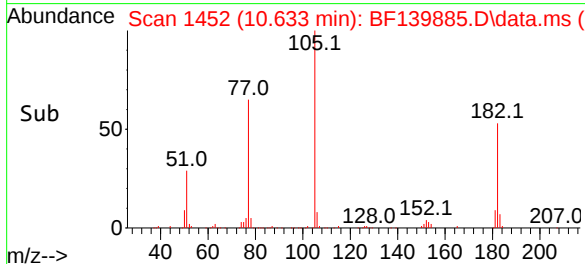
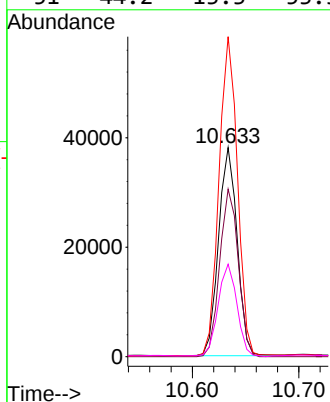
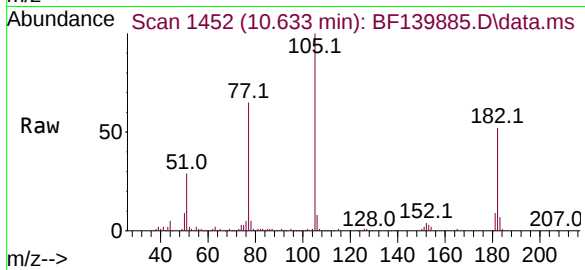
Ion Ratio Lower Upper

77 100

182 80.1 3.3 43.3#

105 153.1 1.2 41.2#

51 44.2 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: BF139885.D

Acq: 19 Oct 2024 21:35

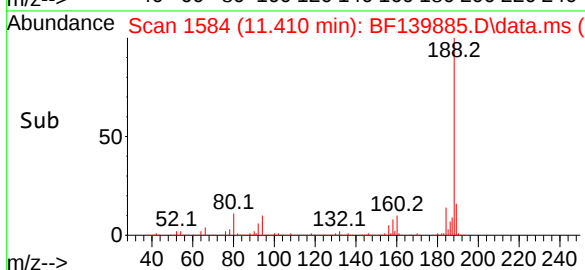
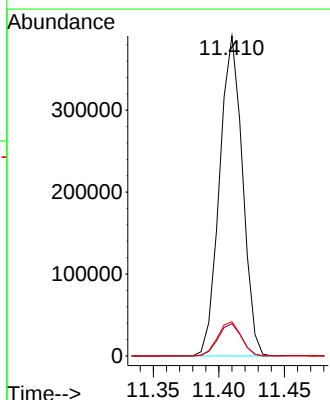
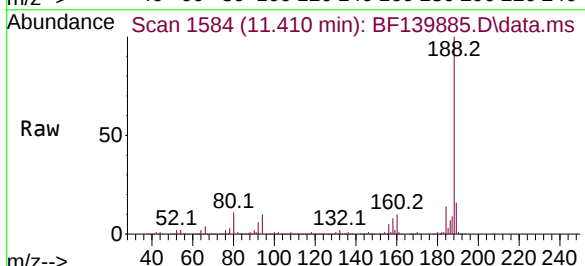
Tgt Ion: 188 Resp: 475082

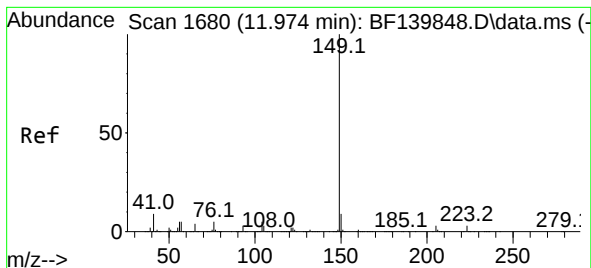
Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.7 9.0 13.4





#74

Di-n-butylphthalate

Concen: 2.767 ng

RT: 11.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139885.D

Acq: 19 Oct 2024 21:35

Instrument :

BNA_F

ClientSampleId :

PAD-16

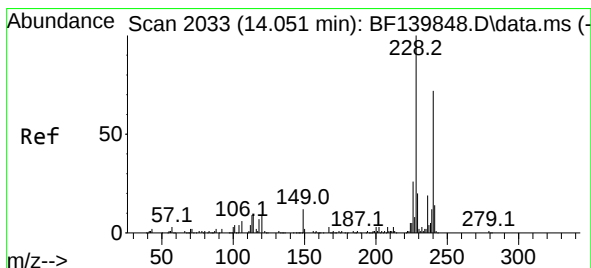
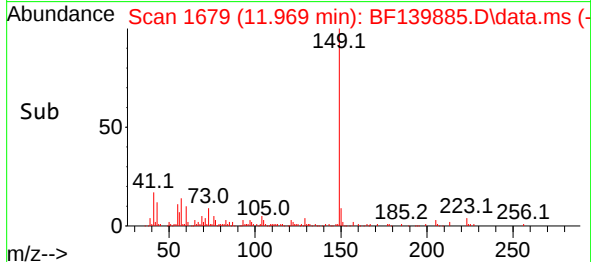
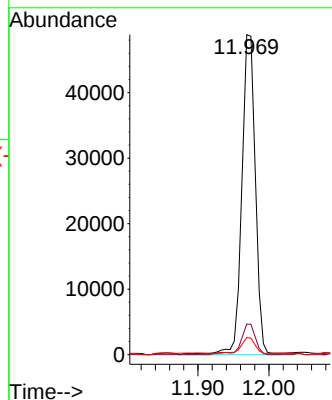
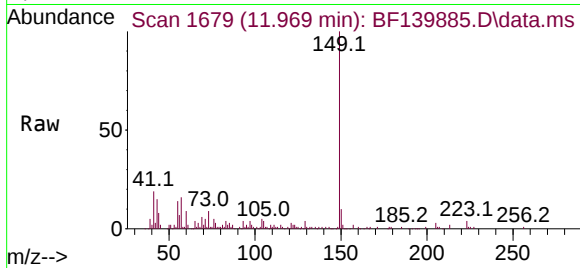
Tgt Ion:149 Resp: 65095

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

104 5.4 4.1 6.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139885.D

Acq: 19 Oct 2024 21:35

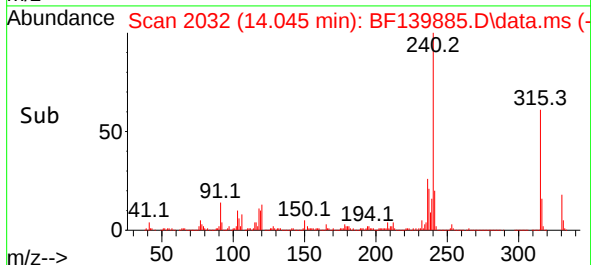
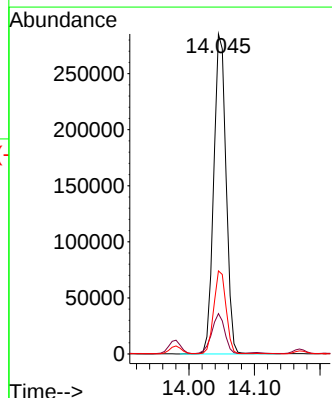
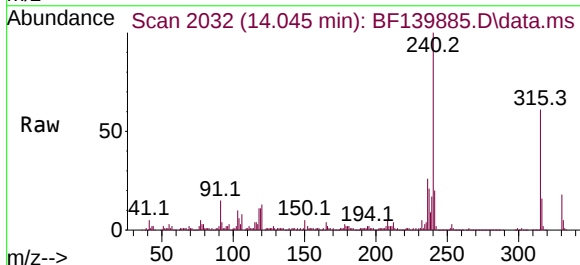
Tgt Ion:240 Resp: 372525

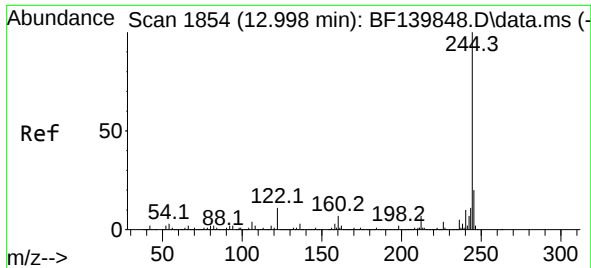
Ion Ratio Lower Upper

240 100

120 12.6 9.4 14.2

236 26.0 20.9 31.3

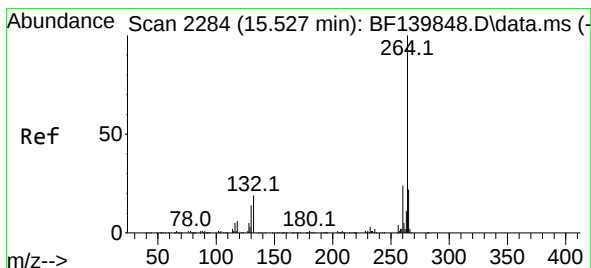
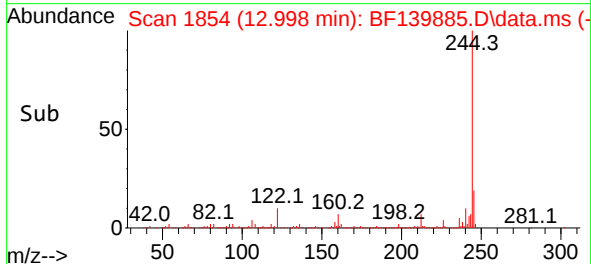
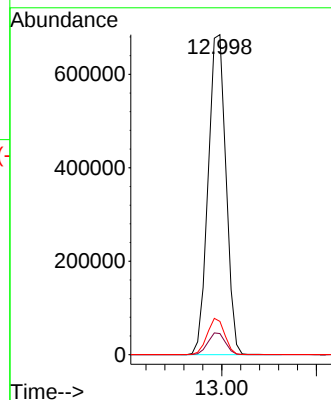
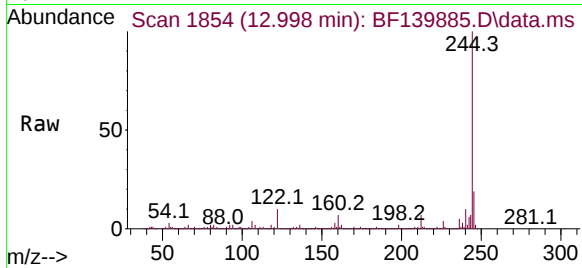




#79
Terphenyl-d14
Concen: 38.957 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139885.D
Acq: 19 Oct 2024 21:35

Instrument :
BNA_F
ClientSampleId :
PAD-16

Tgt Ion:244 Resp: 890622
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 10.4 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: BF139885.D
Acq: 19 Oct 2024 21:35

Tgt Ion:264 Resp: 269044
Ion Ratio Lower Upper
264 100
260 23.8 19.4 29.2
265 21.4 17.4 26.0

