

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139898.D
 Acq On : 21 Oct 2024 12:52
 Operator : RC/JU
 Sample : P4426-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-4

Quant Time: Oct 21 13:19:56 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)

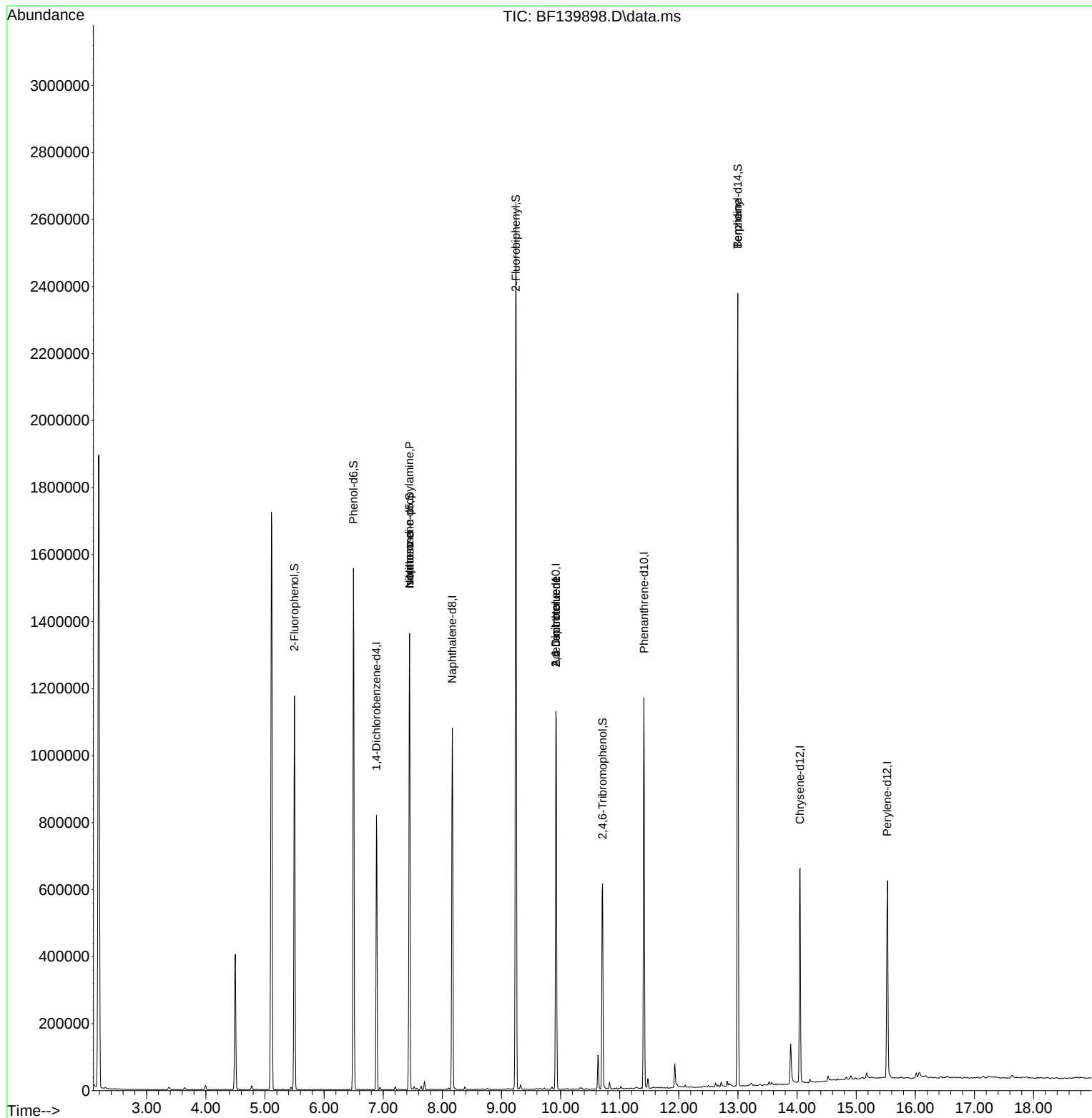
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	168739	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	643521	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	345378	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	592461	20.000	ng	0.00
76) Chrysene-d12	14.051	240	304655	20.000	ng	0.00
86) Perylene-d12	15.527	264	332840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	406952	37.755	ng	0.00
7) Phenol-d6	6.498	99	697534	49.966	ng	-0.01
23) Nitrobenzene-d5	7.445	82	582790	50.193	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	100653	31.157	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1157204	55.374	ng	0.00
79) Terphenyl-d14	12.998	244	1144706	61.226	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.445	70	78865	9.315	ng	# 78
25) Isophorone	7.445	82	580759	26.353	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	44893	9.638	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	44893	7.837	ng	# 21
77) Benzidine	12.998	184	13798	2.754	ng	# 92

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

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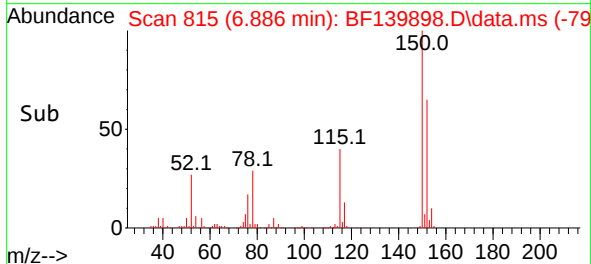
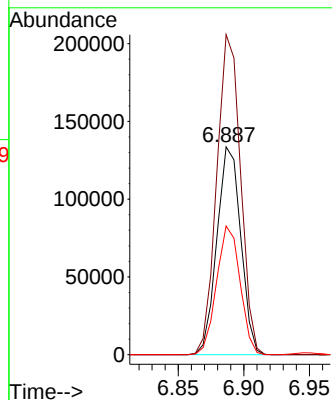
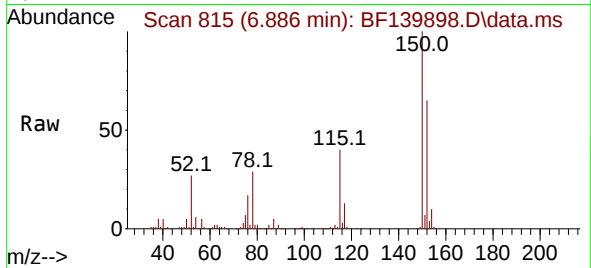




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

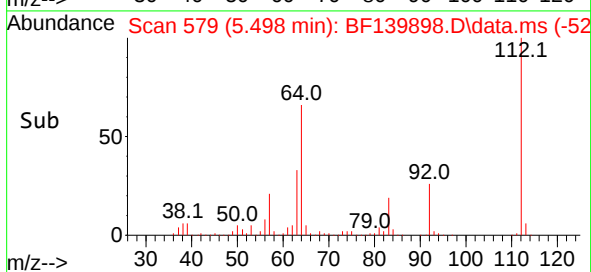
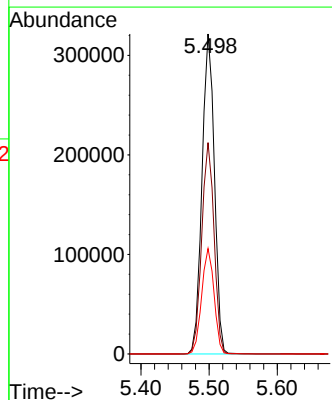
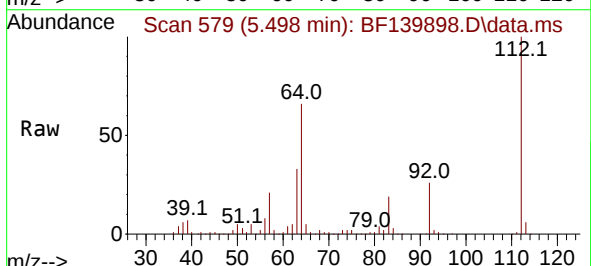
Instrument :
BNA_F
ClientSampleId :
PAD-4

Tgt Ion:152 Resp: 168739
Ion Ratio Lower Upper
152 100
150 154.0 130.2 195.2
115 61.9 51.4 77.2



#5
2-Fluorophenol
Concen: 37.755 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

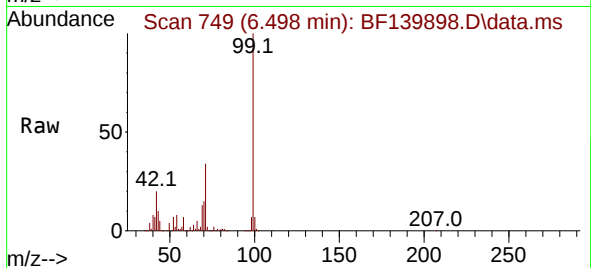
Tgt Ion:112 Resp: 406952
Ion Ratio Lower Upper
112 100
64 66.0 53.0 79.6
63 33.0 27.0 40.4





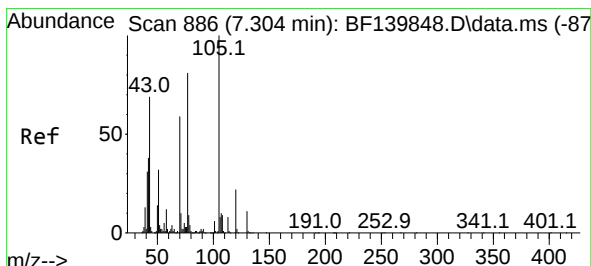
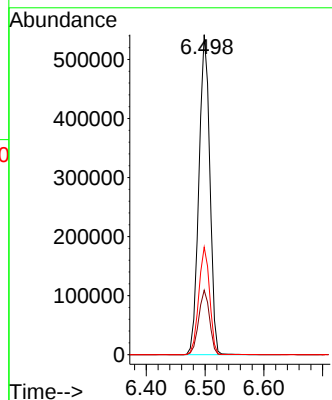
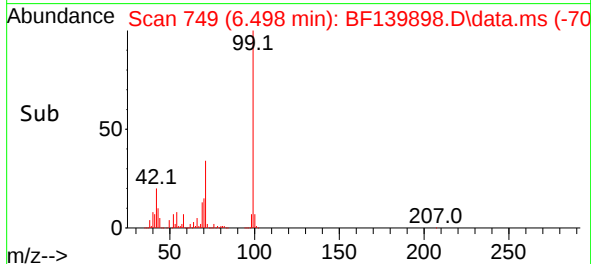
#7
Phenol-d6
Concen: 49.966 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

Instrument :
BNA_F
ClientSampleId :
PAD-4

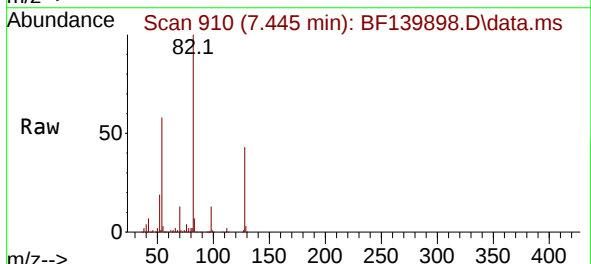


Tgt Ion: 99 Resp: 697534

Ion	Ratio	Lower	Upper
99	100		
42	20.1	16.7	25.1
71	33.6	27.7	41.5

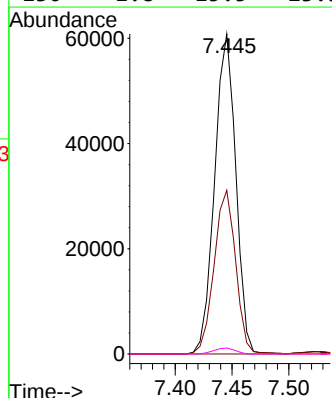
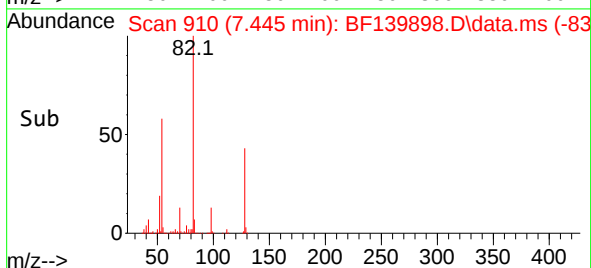


#19
n-Nitroso-di-n-propylamine
Concen: 9.315 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52



Tgt Ion: 70 Resp: 78865

Ion	Ratio	Lower	Upper
70	100		
42	51.1	51.5	77.3#
101	0.0	7.5	11.3#
130	1.8	15.5	23.3#



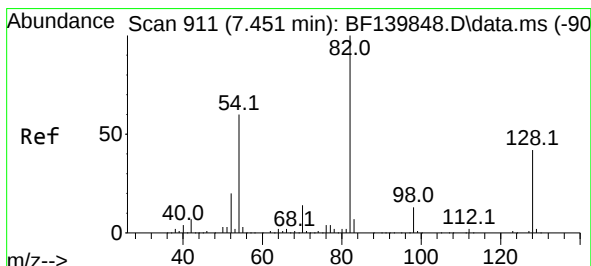
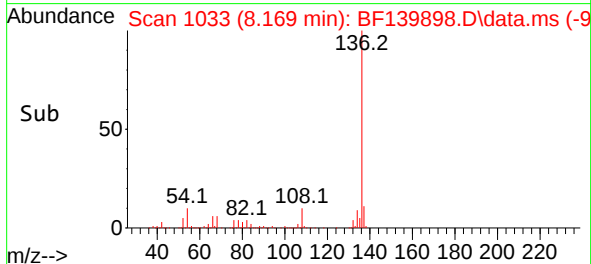
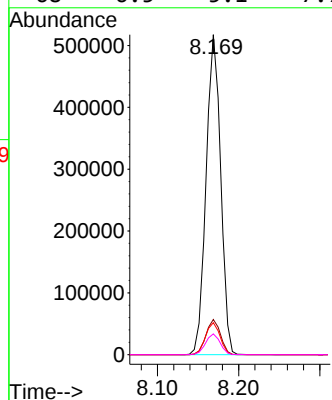
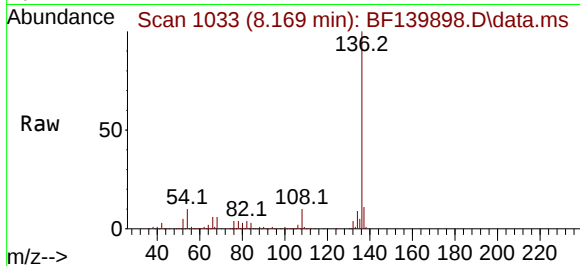


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

Instrument :
BNA_F
ClientSampleId :
PAD-4

Tgt Ion:136 Resp: 643521

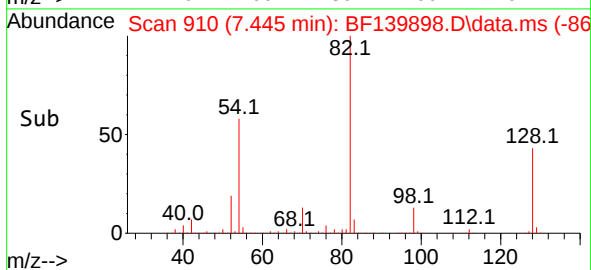
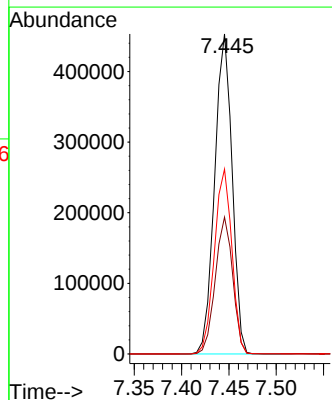
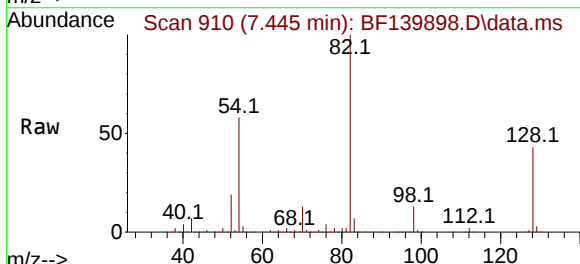
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.0	8.4	12.6
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 50.193 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

Tgt Ion: 82 Resp: 582790

Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.4	50.0
54	57.8	47.8	71.8

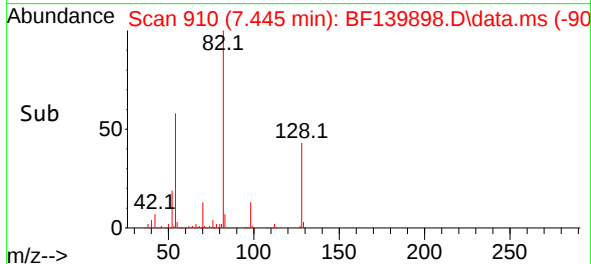
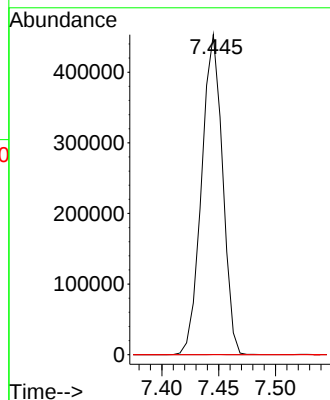
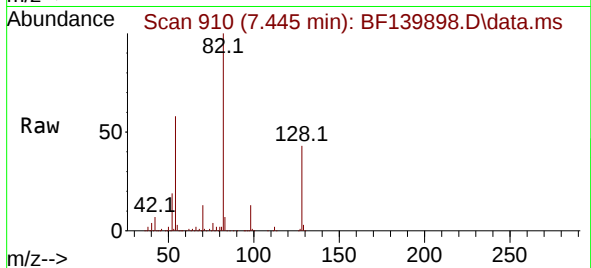




#25
Isophorone
Concen: 26.353 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

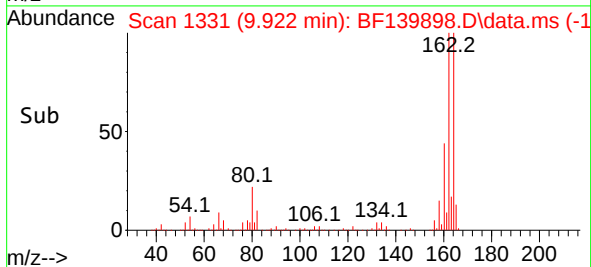
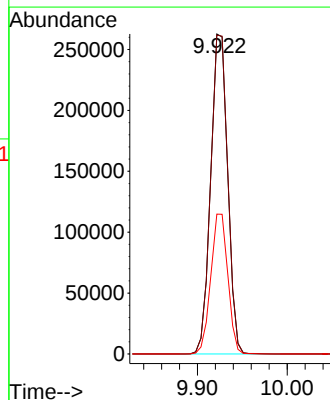
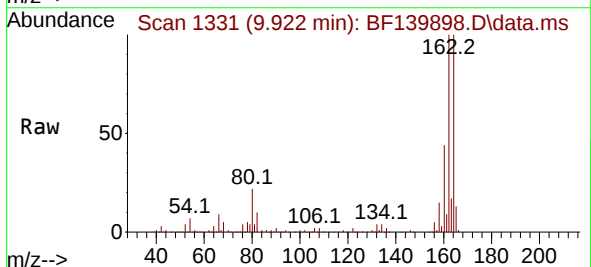
Instrument :
BNA_F
ClientSampleId :
PAD-4

Tgt Ion: 82 Resp: 580759
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: BF139898.D
Acq: 21 Oct 2024 12:52

Tgt Ion: 164 Resp: 345378
Ion Ratio Lower Upper
164 100
162 99.7 81.0 121.4
160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 31.157 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139898.D

Acq: 21 Oct 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PAD-4

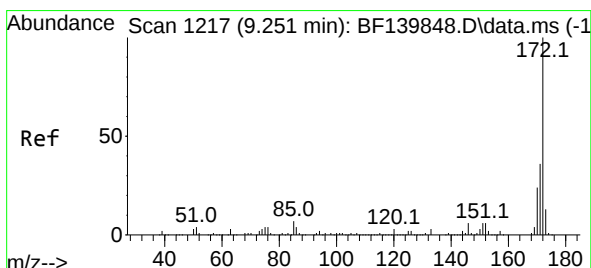
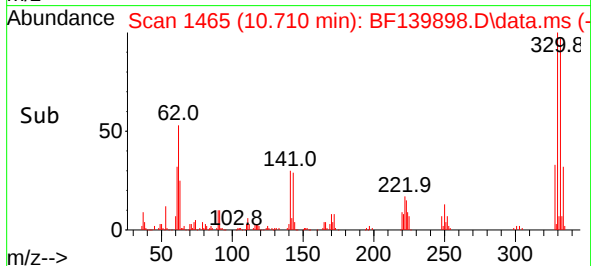
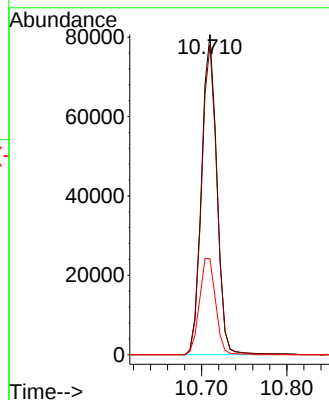
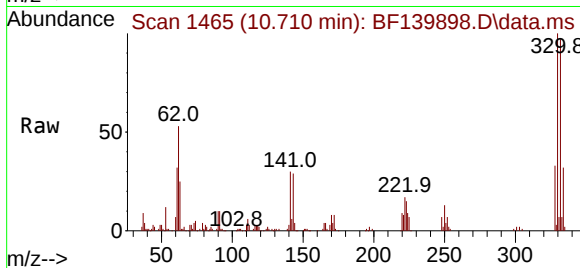
Tgt Ion:330 Resp: 100653

Ion Ratio Lower Upper

330 100

332 96.7 78.1 117.1

141 31.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 55.374 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139898.D

Acq: 21 Oct 2024 12:52

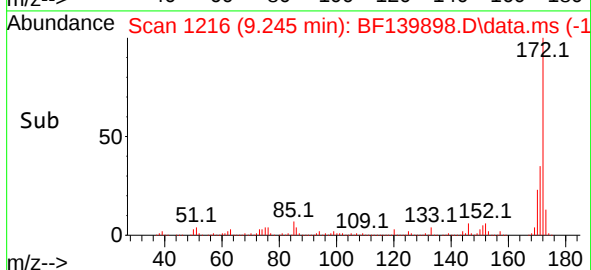
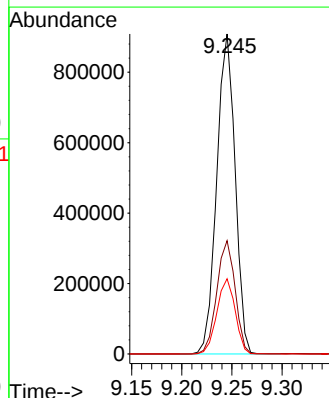
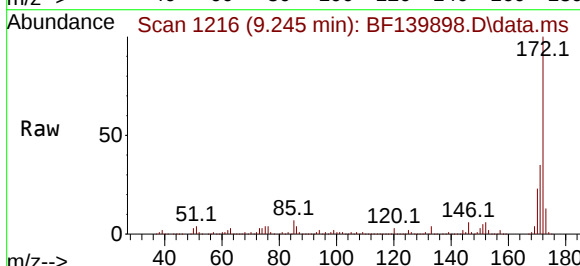
Tgt Ion:172 Resp: 1157204

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.5 19.1 28.7

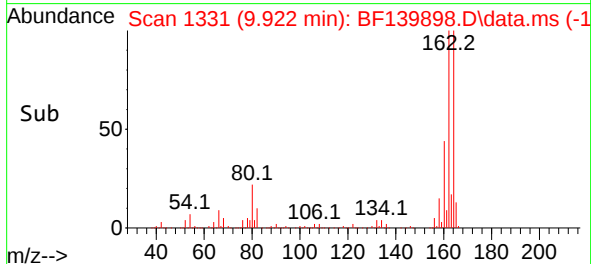
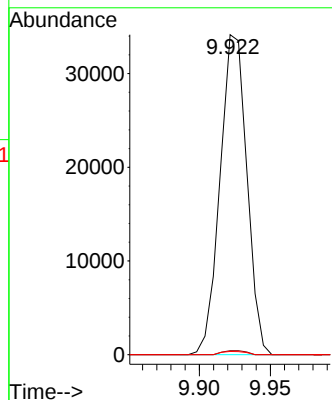
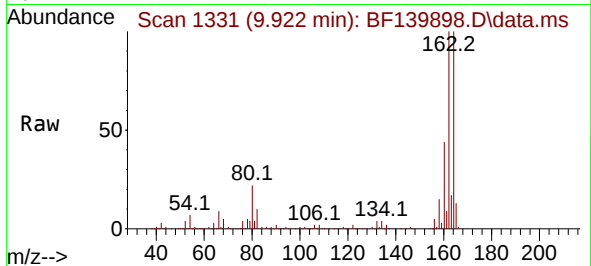




#51
2,6-Dinitrotoluene
Concen: 9.638 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

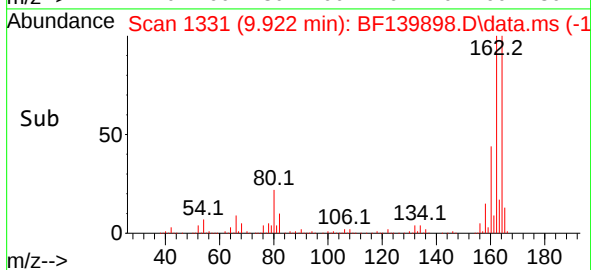
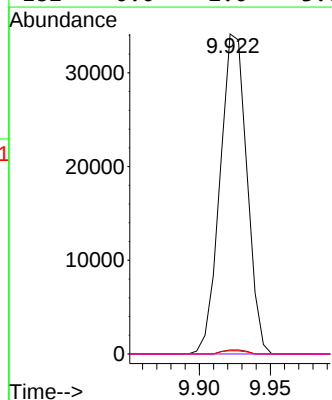
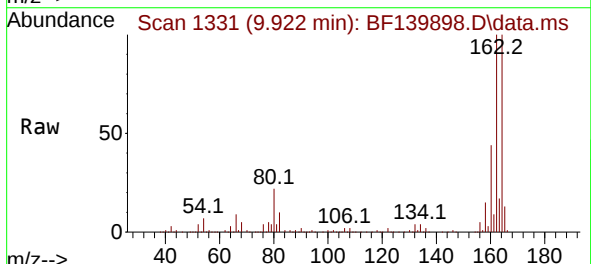
Instrument :
BNA_F
ClientSampleId :
PAD-4

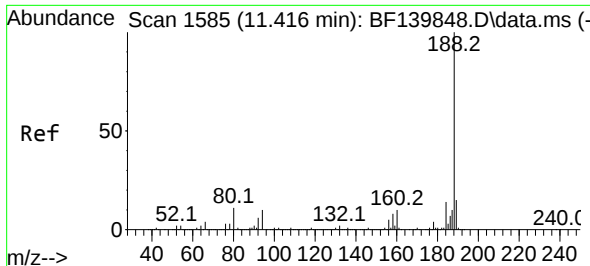
Tgt Ion:165 Resp: 44893
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.837 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

Tgt Ion:165 Resp: 44893
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.0 60.4 90.6#
182 0.0 2.0 3.0#

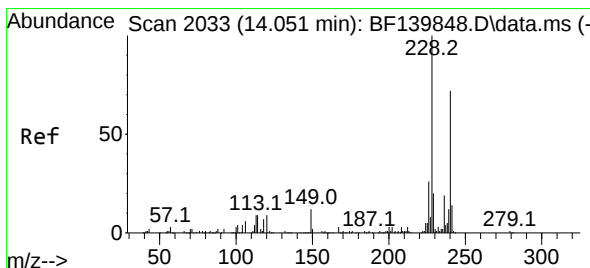
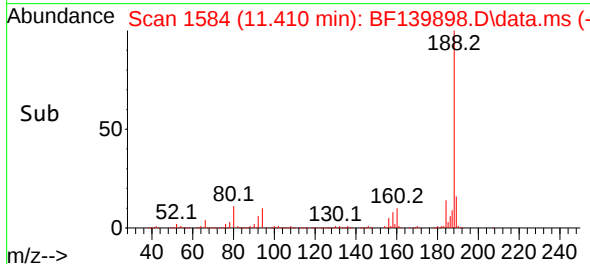
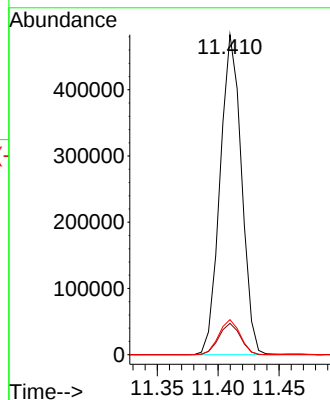
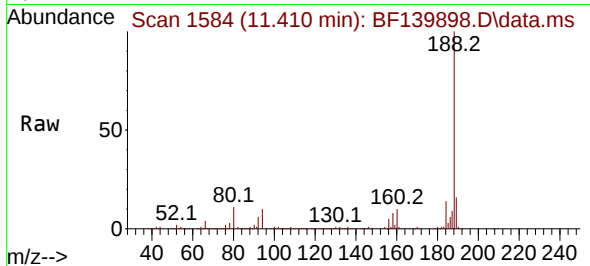




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

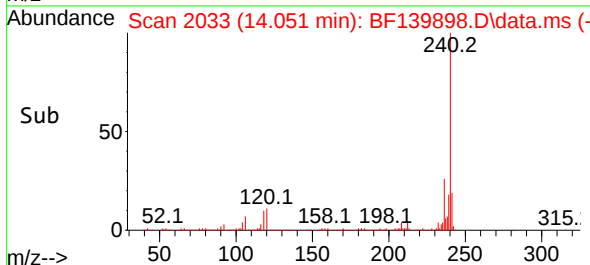
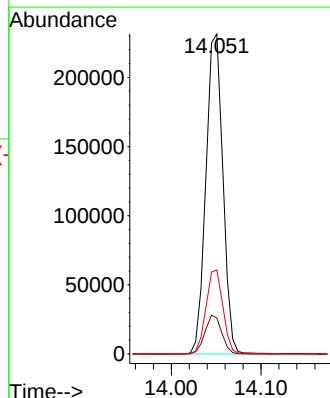
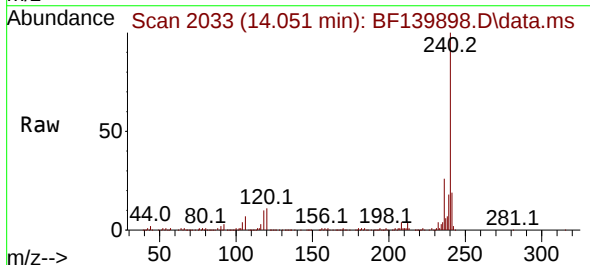
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BNA_F
ClientSampleId :
PAD-4

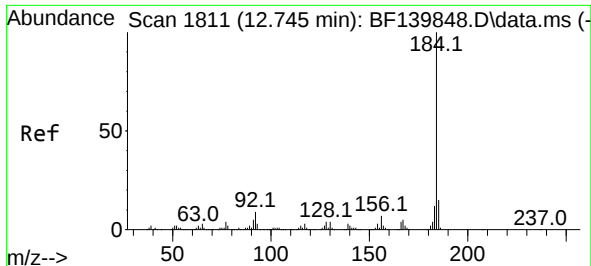
Tgt Ion:188 Resp: 592461
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

Tgt Ion:240 Resp: 304655
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 26.2 20.9 31.3

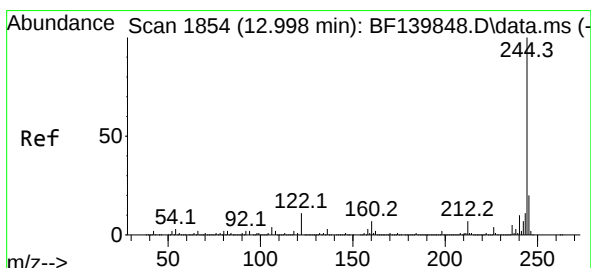
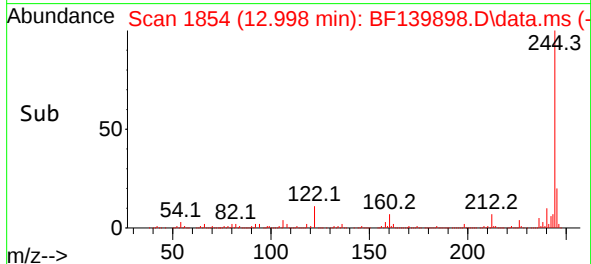
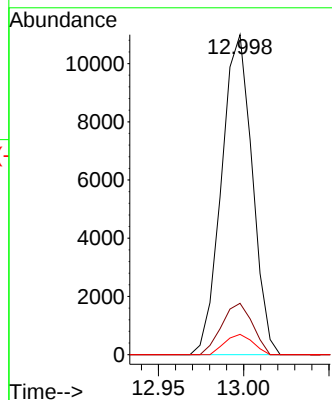
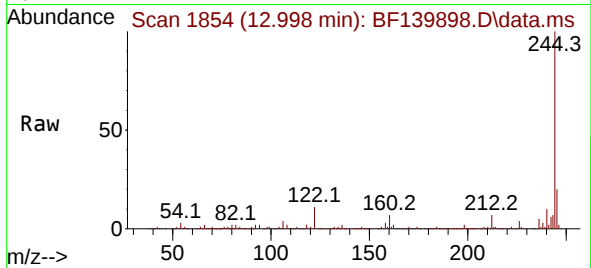




#77
Benzidine
Concen: 2.754 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

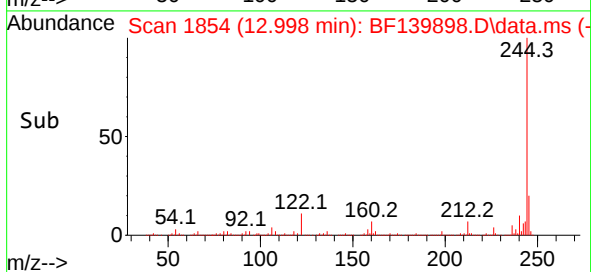
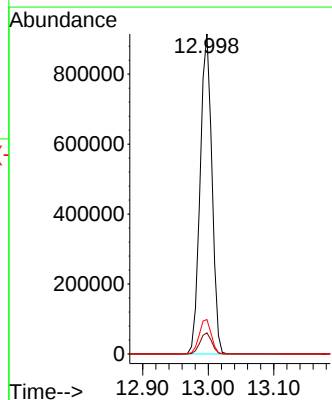
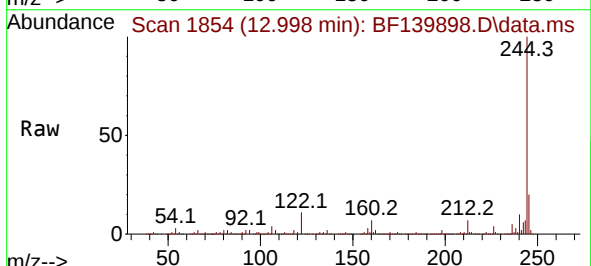
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BNA_F
ClientSampleId :
PAD-4

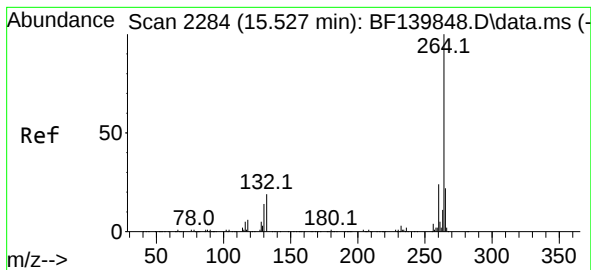
Tgt Ion:184 Resp: 13798
Ion Ratio Lower Upper
184 100
185 16.0 12.0 18.0
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 61.226 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139898.D
Acq: 21 Oct 2024 12:52

Tgt Ion:244 Resp: 1144706
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 10.7 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: BF139898.D

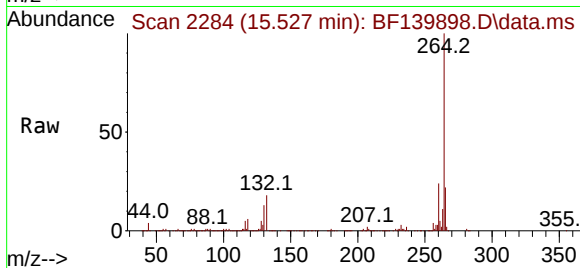
Acq: 21 Oct 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PAD-4



Tgt Ion:264 Resp: 332840

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.2

265 21.5 17.4 26.0

