

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
 Data File : BF139861.D
 Acq On : 18 Oct 2024 18:41
 Operator : RC/JU
 Sample : P4425-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Oct 18 23:08:16 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)

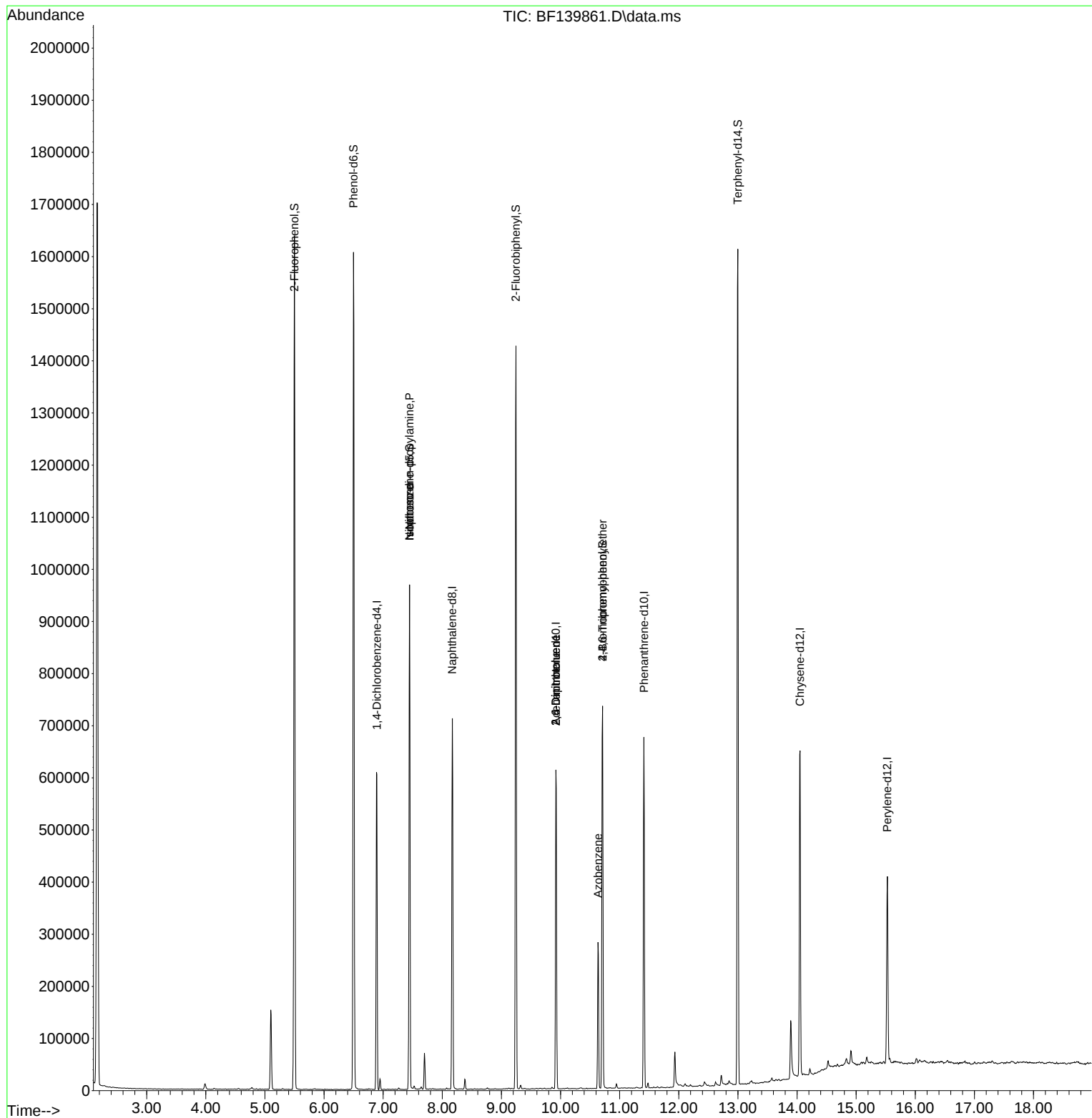
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	126945	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	409434	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	178860	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	338666	20.000	ng	0.00
76) Chrysene-d12	14.051	240	291401	20.000	ng	0.00
86) Perylene-d12	15.527	264	197763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	572967	70.658	ng	0.00
7) Phenol-d6	6.498	99	714179	68.001	ng	-0.01
23) Nitrobenzene-d5	7.445	82	383233	51.877	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	114978	68.726	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	605081	55.911	ng	0.00
79) Terphenyl-d14	12.998	244	782632	43.764	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	51193	8.037	ng	# 81
25) Isophorone	7.445	82	382190	27.258	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	22317	9.252	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	22317	7.523	ng	# 21
63) Azobenzene	10.633	77	69765	6.016	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	7950	2.279	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101824\
Data File : BF139861.D
Acq On : 18 Oct 2024 18:41
Operator : RC/JU
Sample : P4425-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Time: Oct 18 23:08:16 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

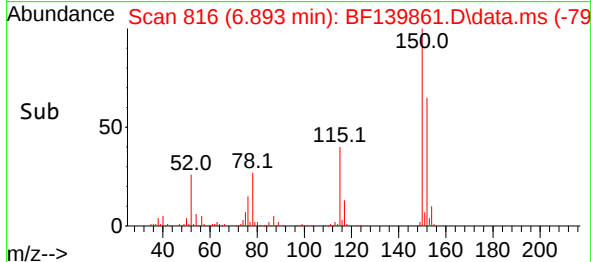
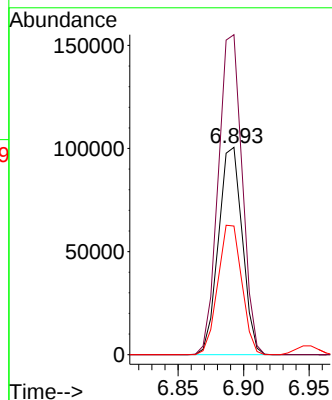
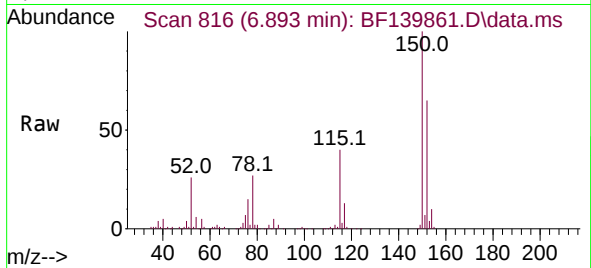




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

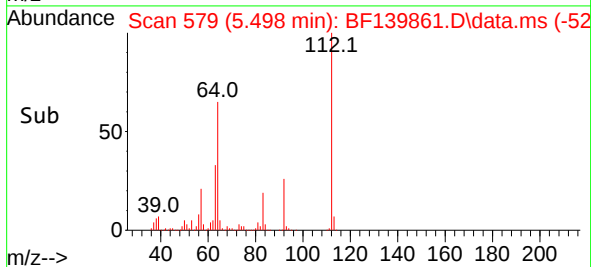
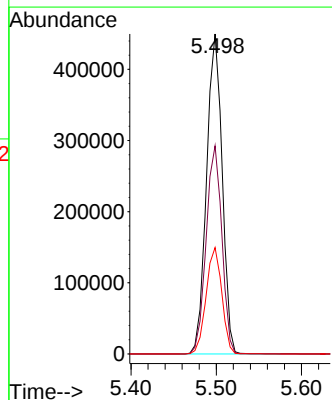
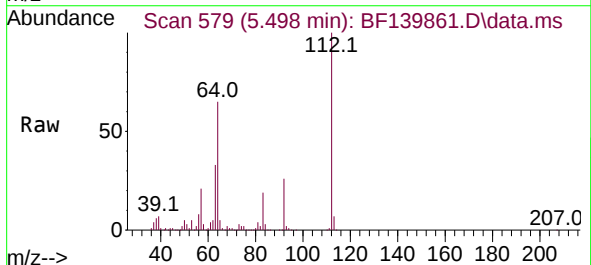
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 126945
Ion Ratio Lower Upper
152 100
150 154.3 130.2 195.2
115 62.0 51.4 77.2



#5
2-Fluorophenol
Concen: 70.658 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

Tgt Ion:112 Resp: 572967
Ion Ratio Lower Upper
112 100
64 65.1 53.0 79.6
63 33.3 27.0 40.4

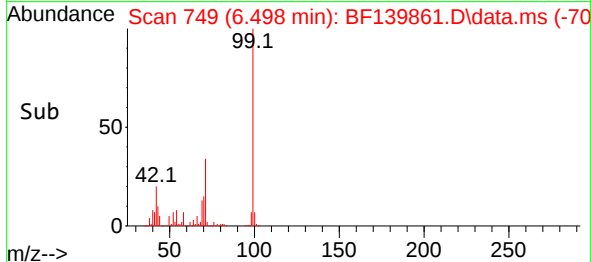
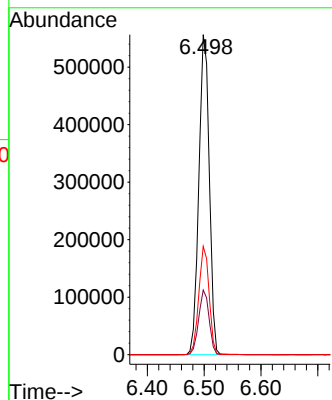
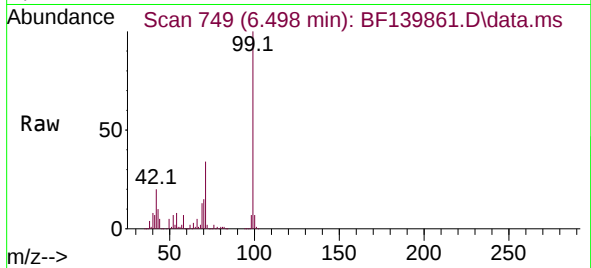




#7
Phenol-d6
Concen: 68.001 ng
RT: 6.498 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

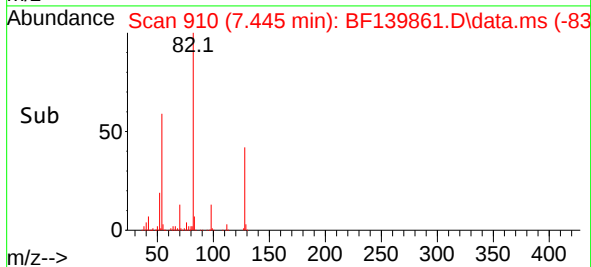
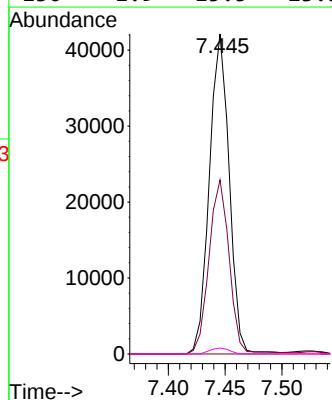
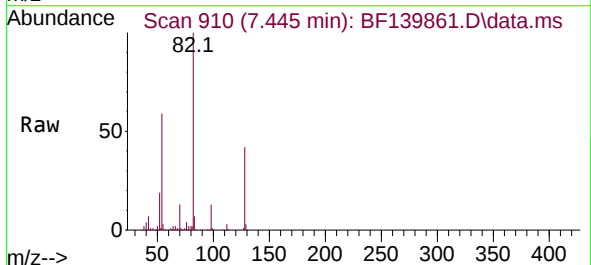
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 714179
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 33.9 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 8.037 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

Tgt Ion: 70 Resp: 51193
Ion Ratio Lower Upper
70 100
42 54.4 51.5 77.3
101 0.0 7.5 11.3#
130 1.9 15.5 23.3#

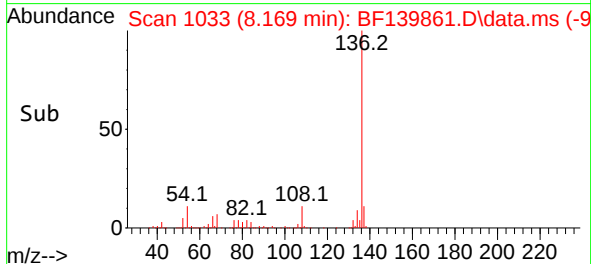
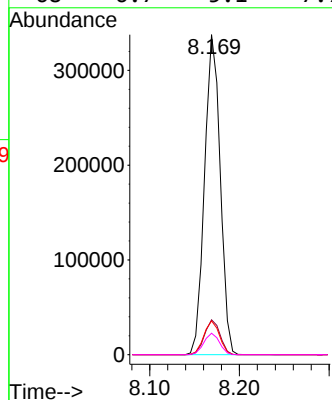
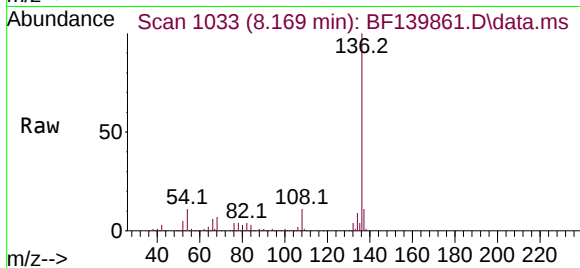




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

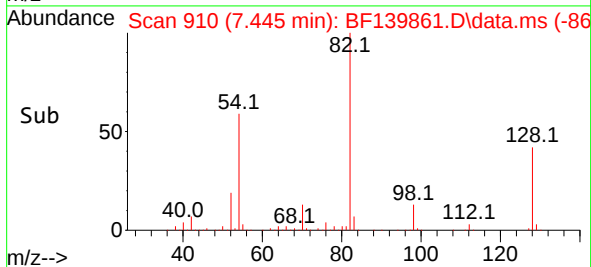
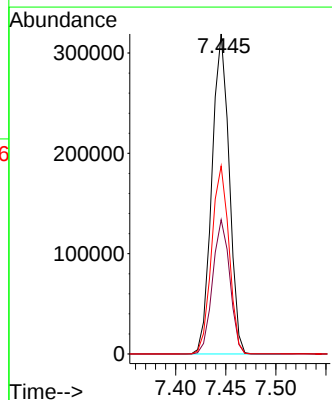
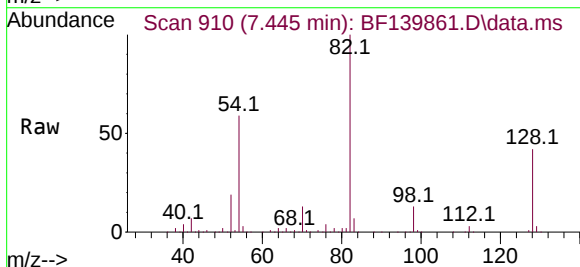
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:	136	Resp:	409434
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.6	8.4	12.6
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 51.877 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

Tgt Ion:	82	Resp:	383233
Ion	Ratio	Lower	Upper
82	100		
128	42.0	33.4	50.0
54	58.8	47.8	71.8

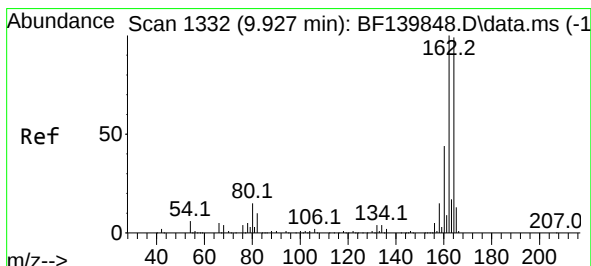
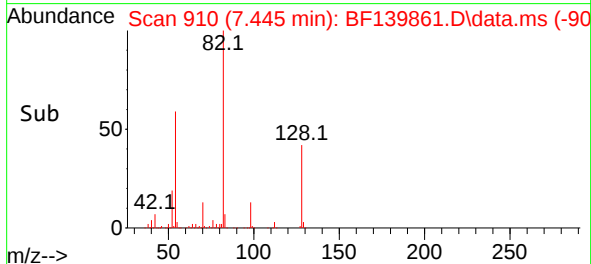
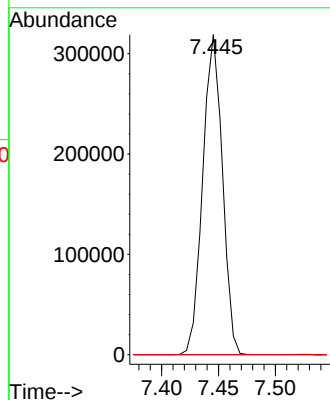
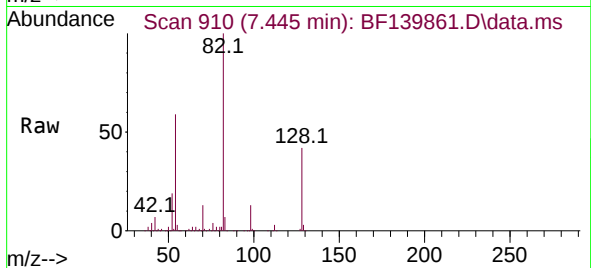




#25
Isophorone
Concen: 27.258 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

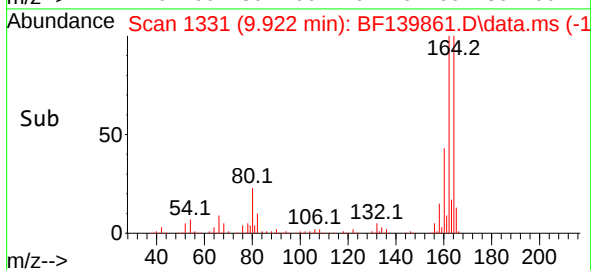
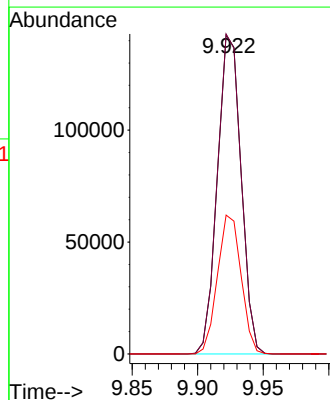
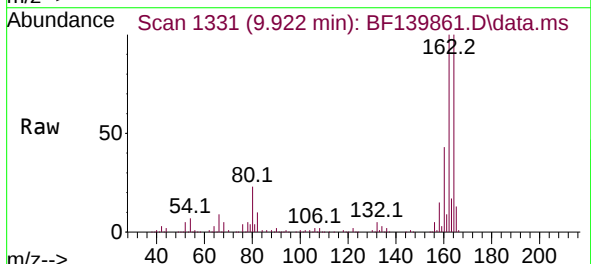
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 82 Resp: 382190
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: BF139861.D
Acq: 18 Oct 2024 18:41

Tgt Ion: 164 Resp: 178860
Ion Ratio Lower Upper
164 100
162 100.2 81.0 121.4
160 43.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 68.726 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139861.D

Acq: 18 Oct 2024 18:41

Instrument :

BNA_F

ClientSampleId :

TP-4

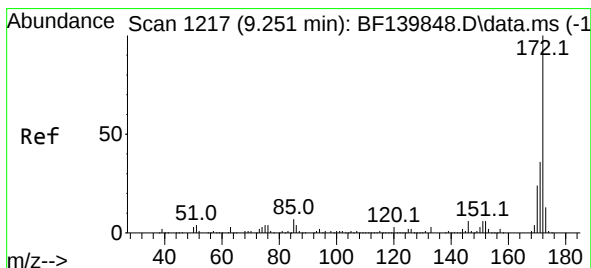
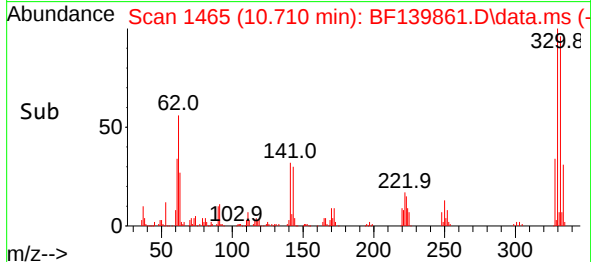
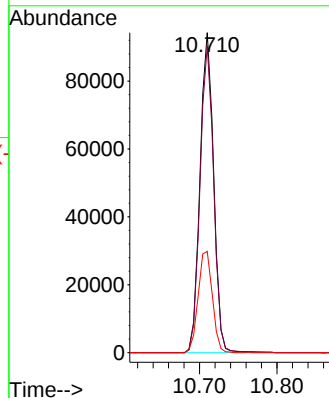
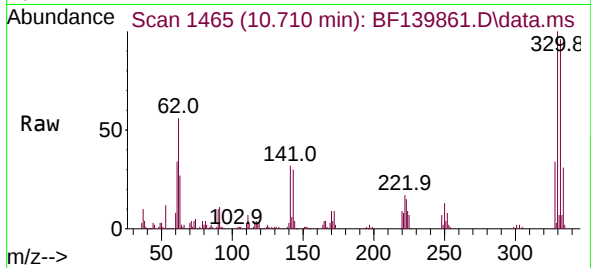
Tgt Ion:330 Resp: 114978

Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

141 33.0 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 55.911 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139861.D

Acq: 18 Oct 2024 18:41

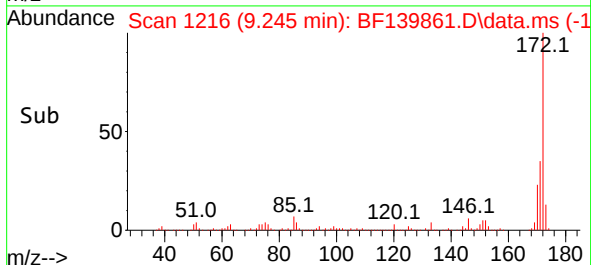
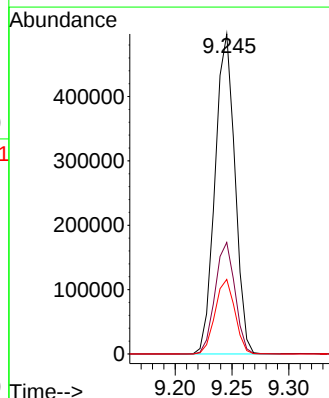
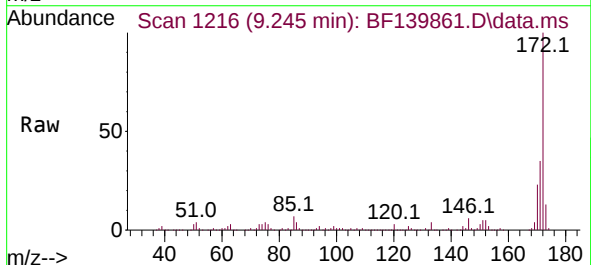
Tgt Ion:172 Resp: 605081

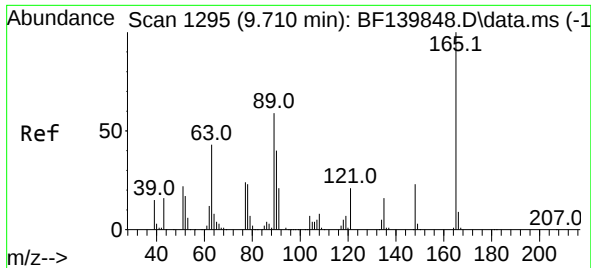
Ion Ratio Lower Upper

172 100

171 34.8 28.6 43.0

170 23.3 19.1 28.7

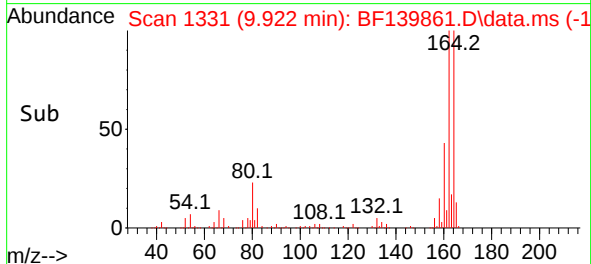
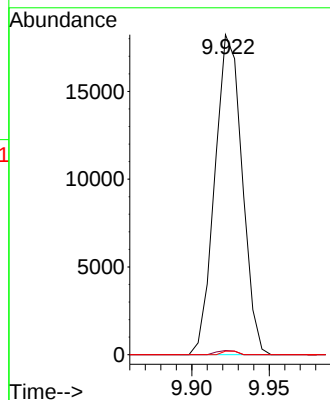
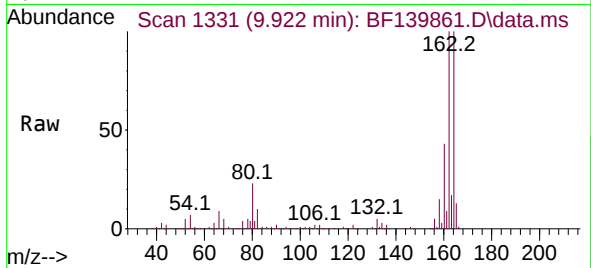




#51
2,6-Dinitrotoluene
Concen: 9.252 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

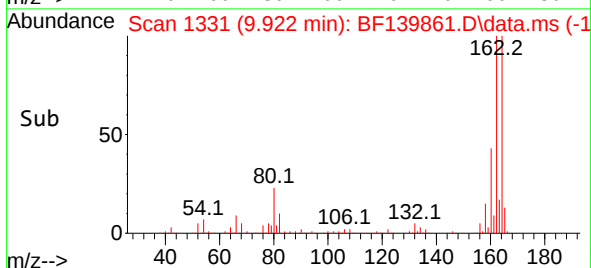
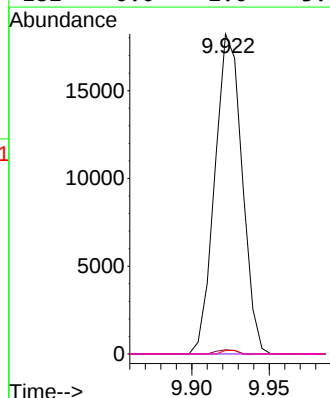
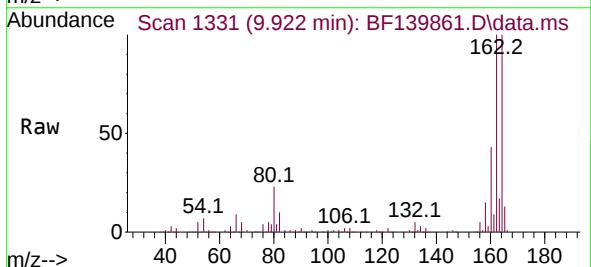
Instrument :
BNA_F
ClientSampleId :
TP-4

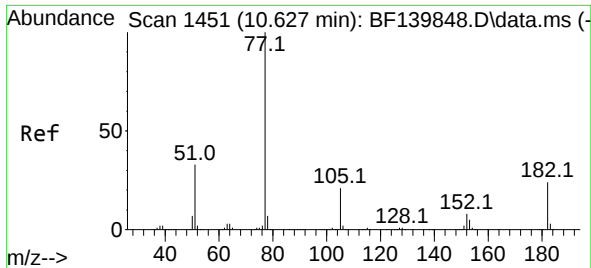
Tgt Ion:165 Resp: 22317
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.523 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

Tgt Ion:165 Resp: 22317
Ion Ratio Lower Upper
165 100
63 1.3 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#

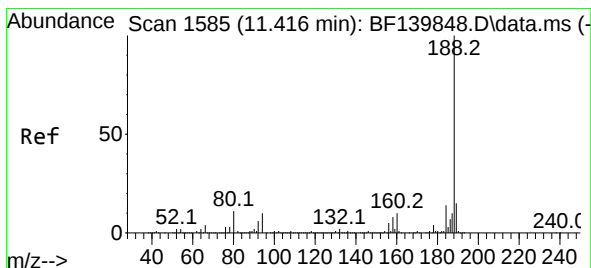
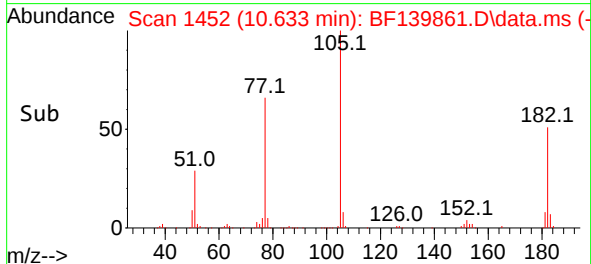
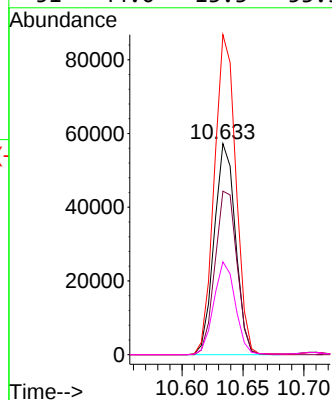
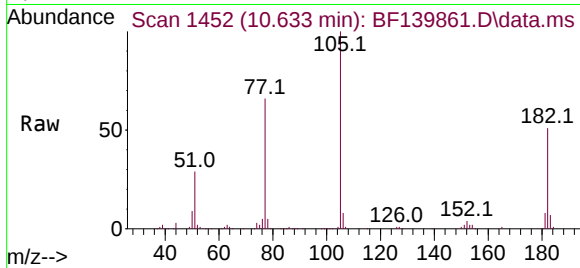




#63
Azobenzene
Concen: 6.016 ng
RT: 10.633 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

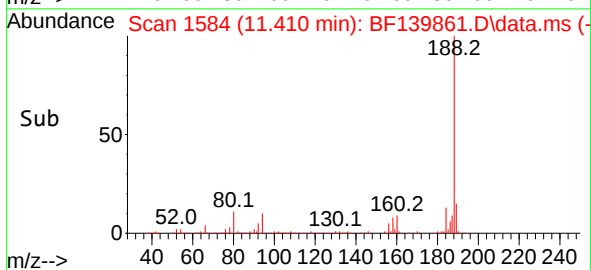
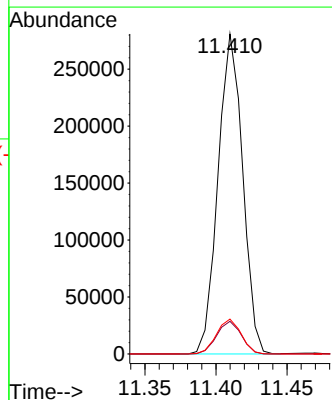
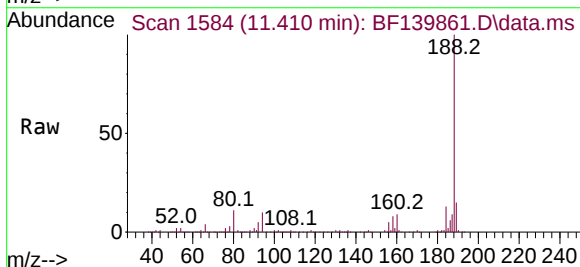
Instrument :
BNA_F
ClientSampleId :
TP-4

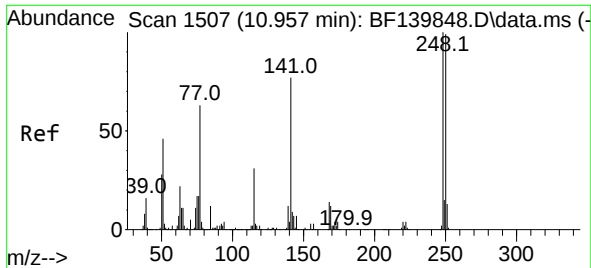
Tgt Ion: 77 Resp: 69765
Ion Ratio Lower Upper
77 100
182 77.5 3.3 43.3#
105 151.6 1.2 41.2#
51 44.0 13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

Tgt Ion: 188 Resp: 338666
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 10.9 9.0 13.4

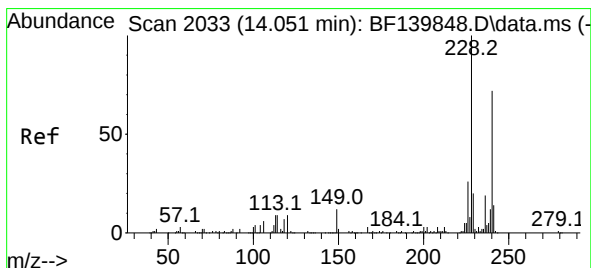
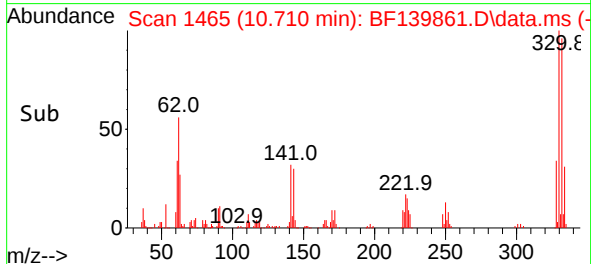
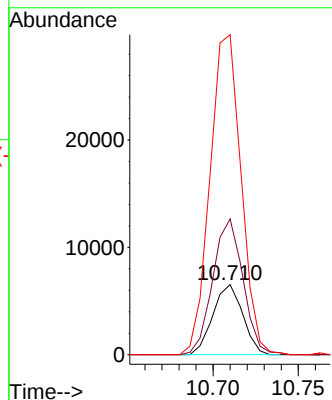
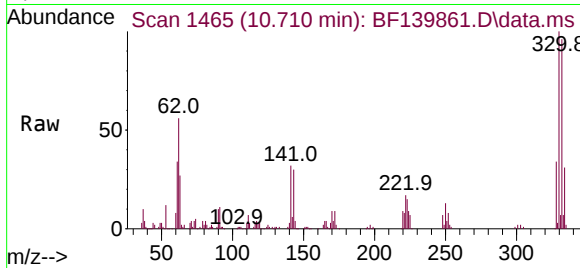




#67
4-Bromophenyl-phenylether
Concen: 2.279 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

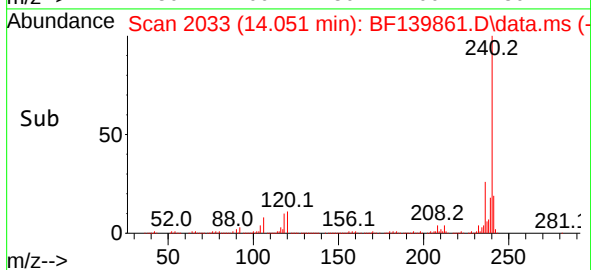
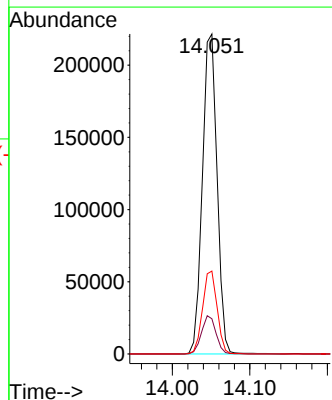
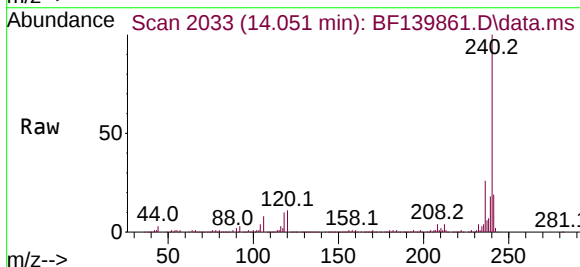
Instrument :
BNA_F
ClientSampleId :
TP-4

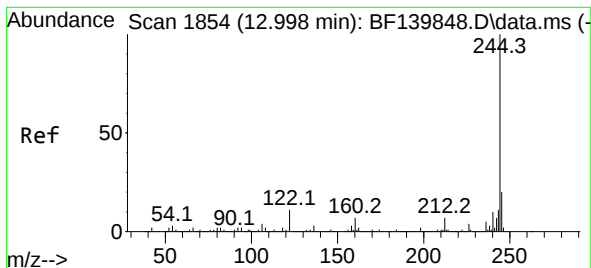
Tgt Ion:248 Resp: 7950
Ion Ratio Lower Upper
248 100
250 193.4 79.0 118.6#
141 456.3 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139861.D
Acq: 18 Oct 2024 18:41

Tgt Ion:240 Resp: 291401
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 43.764 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139861.D

Acq: 18 Oct 2024 18:41

Instrument :

BNA_F

ClientSampleId :

TP-4

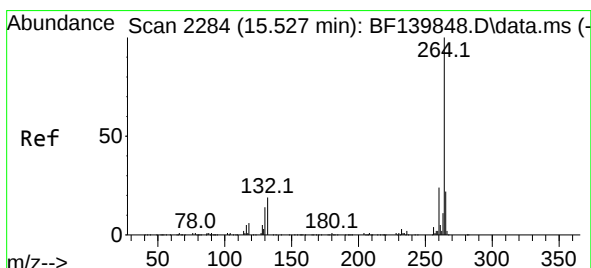
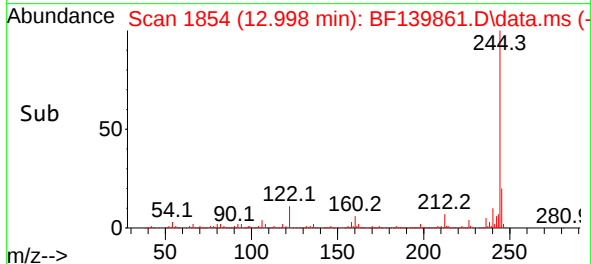
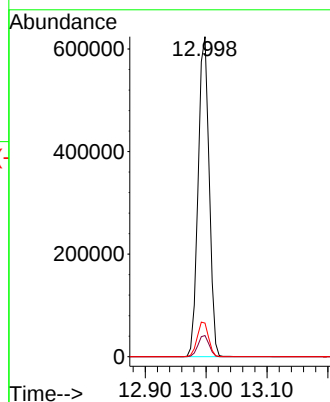
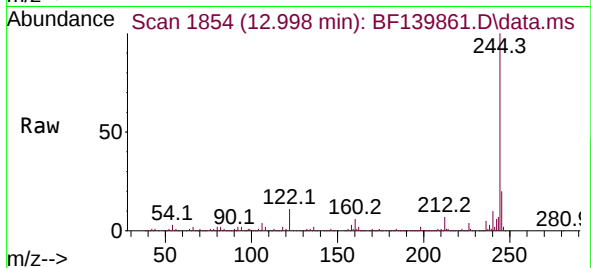
Tgt Ion:244 Resp: 782632

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# 2284

Delta R.T. 0.000 min

Lab File: BF139861.D

Acq: 18 Oct 2024 18:41

Tgt Ion:264 Resp: 197763

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 21.6 17.4 26.0

