

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139909.D
 Acq On : 21 Oct 2024 18:08
 Operator : RC/JU
 Sample : P4400-01 3X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-101424RE

Quant Time: Oct 22 01:19:17 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)

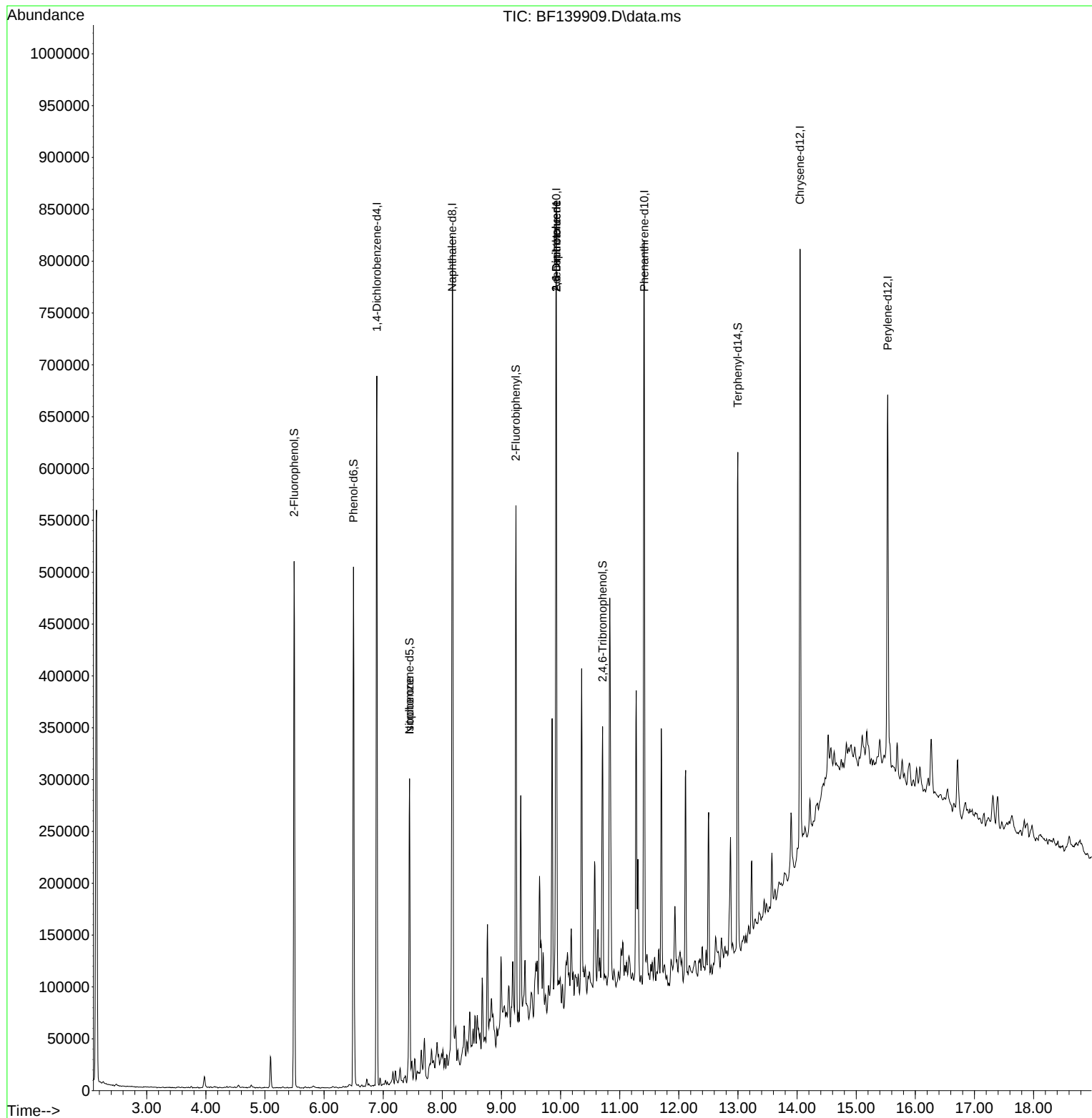
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	142015	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	466247	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	219761	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	380066	20.000	ng	0.00
76) Chrysene-d12	14.051	240	259100	20.000	ng	0.00
86) Perylene-d12	15.533	264	216717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	176887	19.499	ng	0.00
7) Phenol-d6	6.498	99	209261	17.811	ng	-0.01
23) Nitrobenzene-d5	7.445	82	115761	13.761	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	38891	18.920	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	210571	15.836	ng	0.00
79) Terphenyl-d14	12.998	244	232764	14.639	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.445	82	114255	7.156	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	30236	10.202	ng	# 23
57) 2,4-Dinitrotoluene	9.928	165	30236	8.296	ng	# 22

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
Data File : BF139909.D
Acq On : 21 Oct 2024 18:08
Operator : RC/JU
Sample : P4400-01 3X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-08-101424RE

Quant Time: Oct 22 01:19:17 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

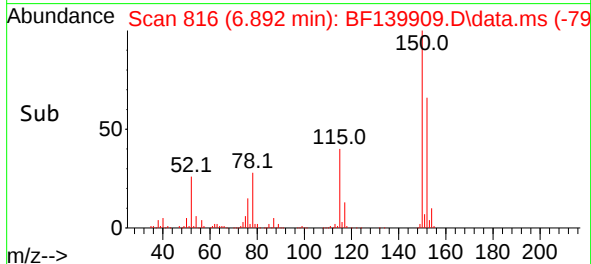
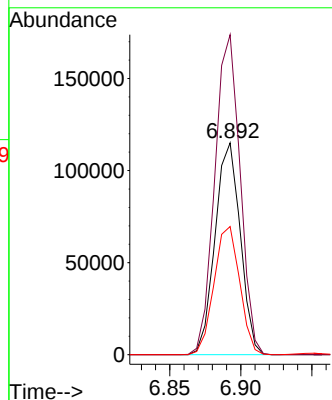
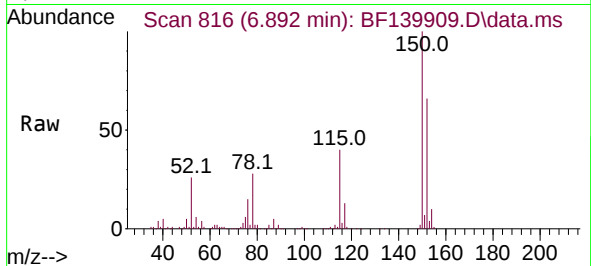




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

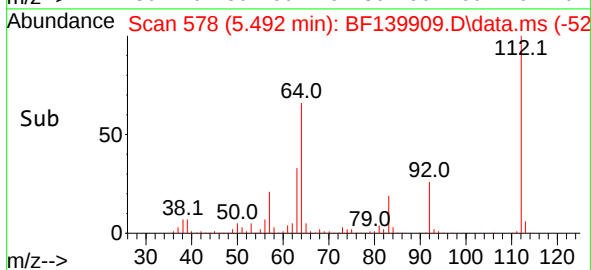
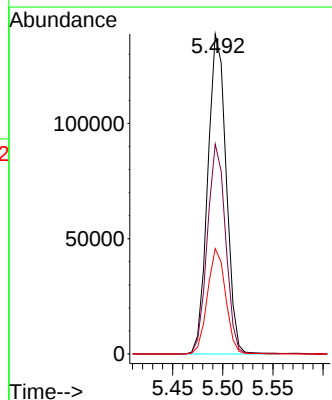
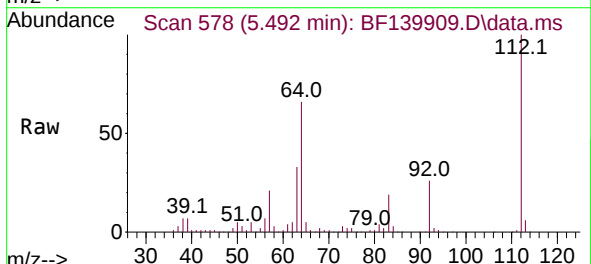
Instrument :
BNA_F
ClientSampleId :
NB-08-101424RE

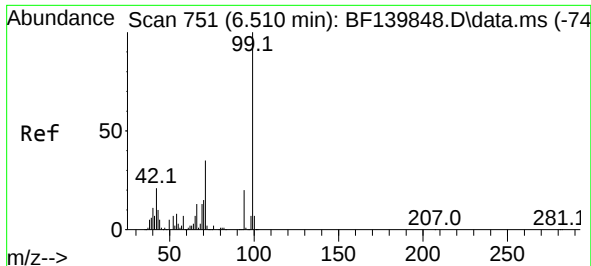
Tgt Ion:152 Resp: 142015
Ion Ratio Lower Upper
152 100
150 151.0 130.2 195.2
115 60.5 51.4 77.2



#5
2-Fluorophenol
Concen: 19.499 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

Tgt Ion:112 Resp: 176887
Ion Ratio Lower Upper
112 100
64 65.6 53.0 79.6
63 32.9 27.0 40.4

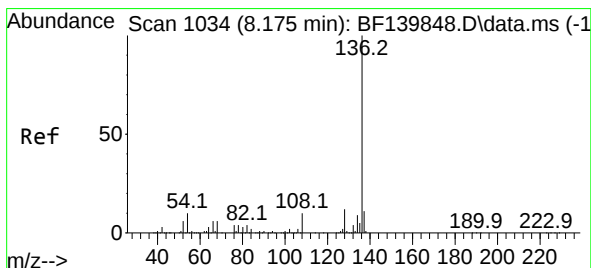
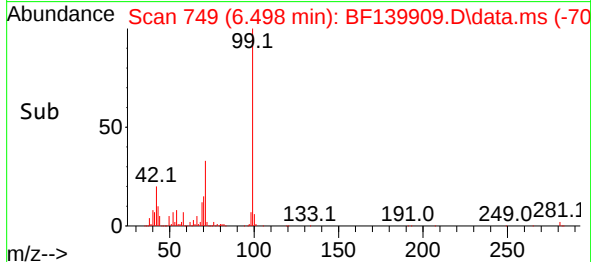
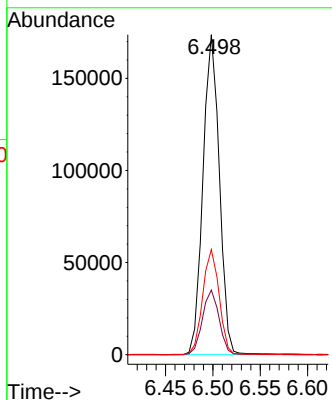
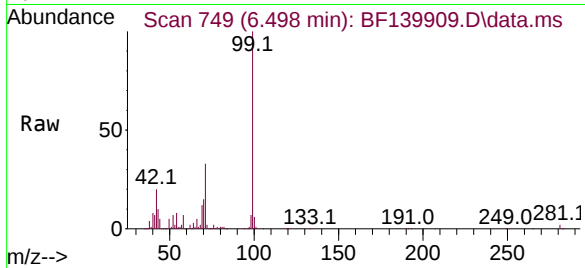




#7
Phenol-d6
Concen: 17.811 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

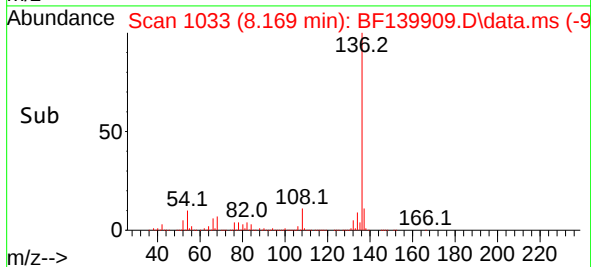
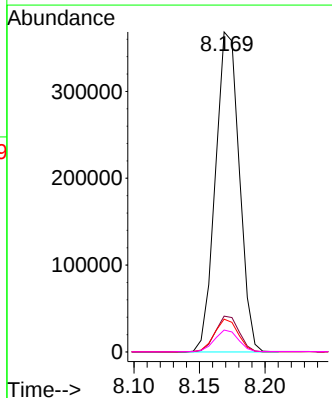
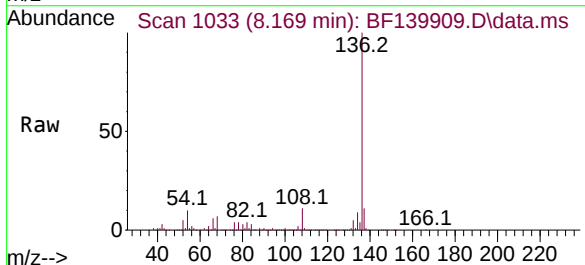
Instrument :
BNA_F
ClientSampleId :
NB-08-101424RE

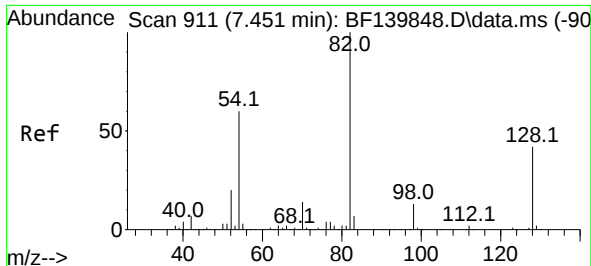
Tgt Ion:	99	Resp:	209261
Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.7	25.1
71	32.9	27.7	41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

Tgt Ion:	136	Resp:	466247
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	12.8
54	10.3	8.4	12.6
68	6.9	5.1	7.7





#23

Nitrobenzene-d5

Concen: 13.761 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.006 min

Lab File: BF139909.D

Acq: 21 Oct 2024 18:08

Instrument :

BNA_F

ClientSampleId :

NB-08-101424RE

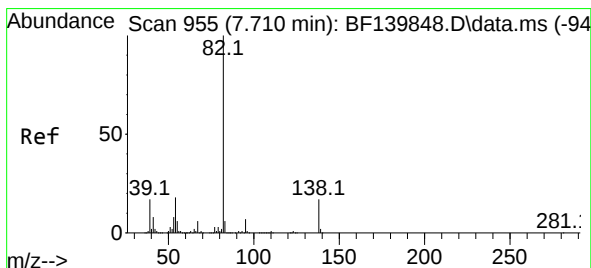
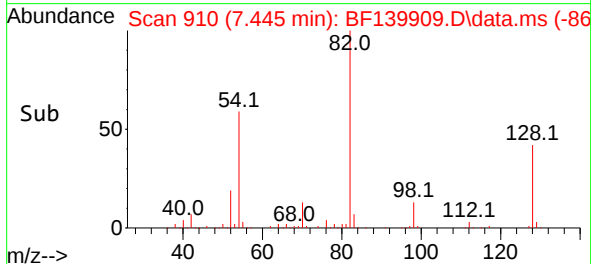
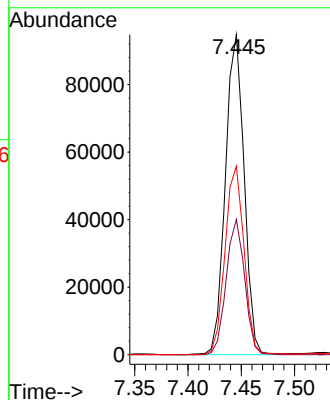
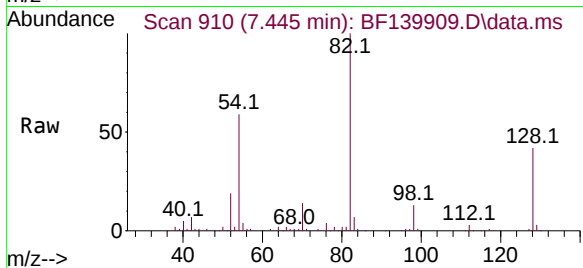
Tgt Ion: 82 Resp: 115761

Ion Ratio Lower Upper

82 100

128 42.2 33.4 50.0

54 58.9 47.8 71.8



#25

Isophorone

Concen: 7.156 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.265 min

Lab File: BF139909.D

Acq: 21 Oct 2024 18:08

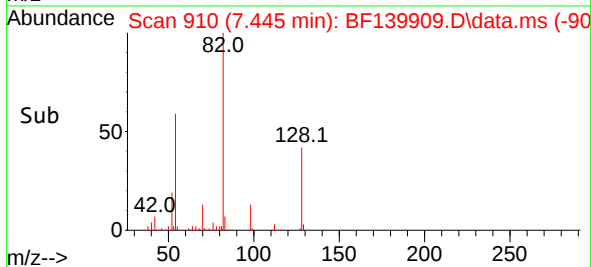
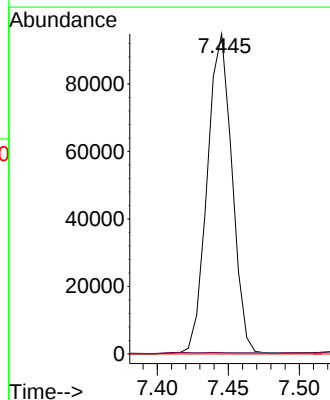
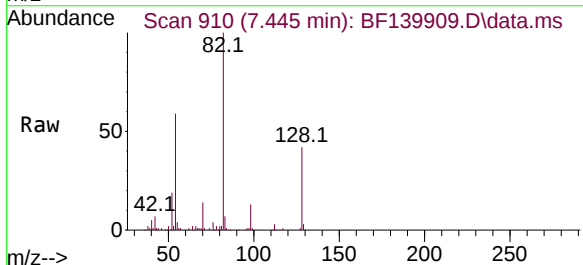
Tgt Ion: 82 Resp: 114255

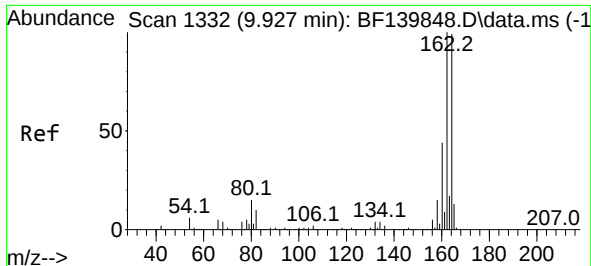
Ion Ratio Lower Upper

82 100

95 0.4 5.5 8.3#

138 0.0 13.2 19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1

Delta R.T. 0.001 min

Lab File: BF139909.D

Acq: 21 Oct 2024 18:08

Instrument :

BNA_F

ClientSampleId :

NB-08-101424RE

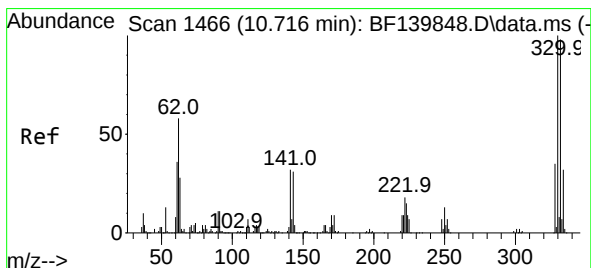
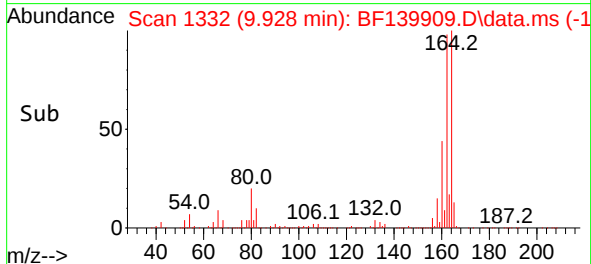
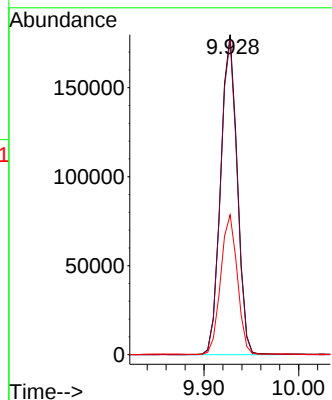
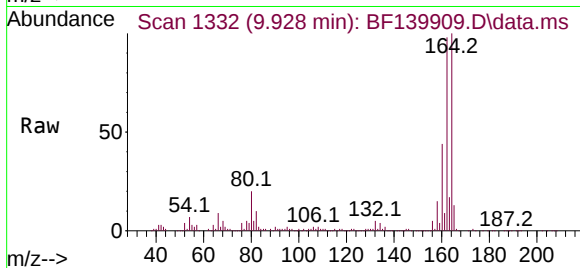
Tgt Ion:164 Resp: 219761

Ion Ratio Lower Upper

164 100

162 98.4 81.0 121.4

160 43.7 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 18.920 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139909.D

Acq: 21 Oct 2024 18:08

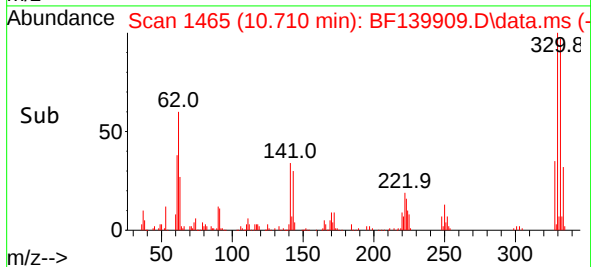
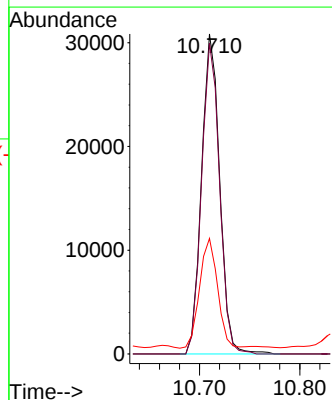
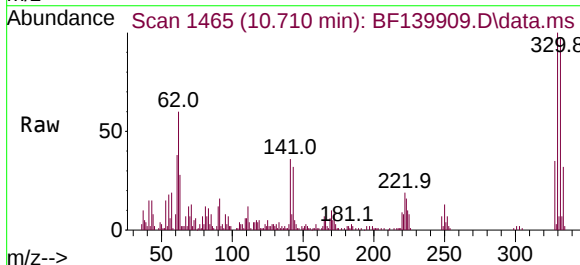
Tgt Ion:330 Resp: 38891

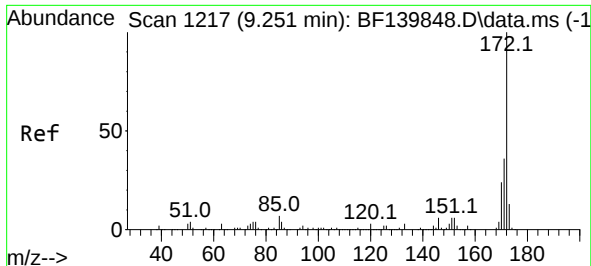
Ion Ratio Lower Upper

330 100

332 95.9 78.1 117.1

141 34.1 26.6 39.8

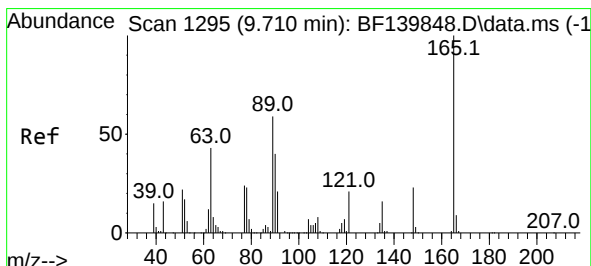
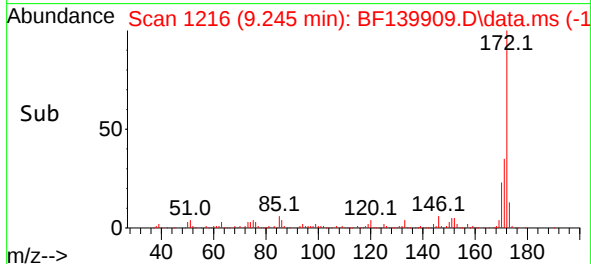
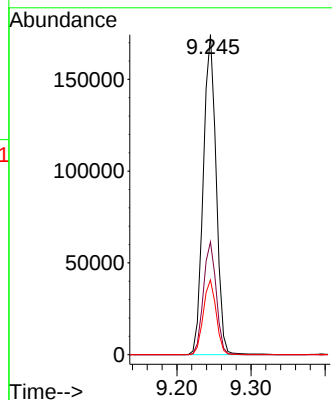
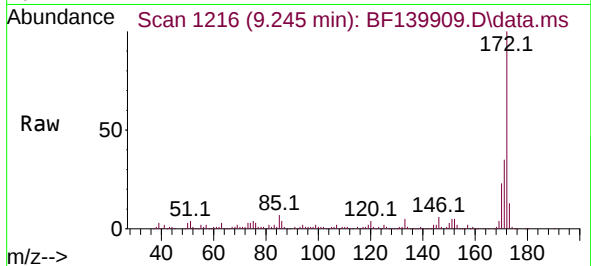




#45
2-Fluorobiphenyl
Concen: 15.836 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

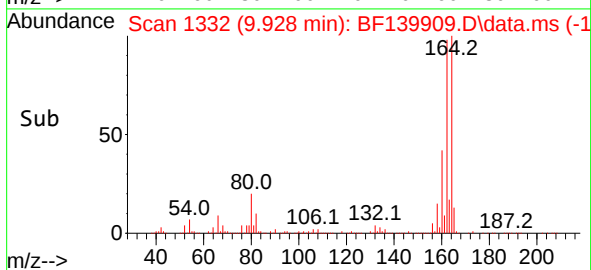
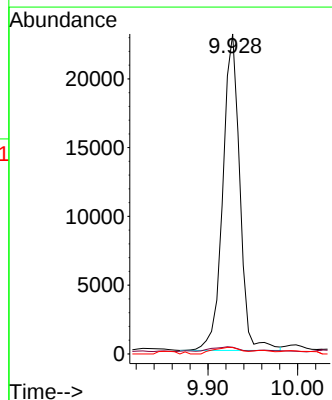
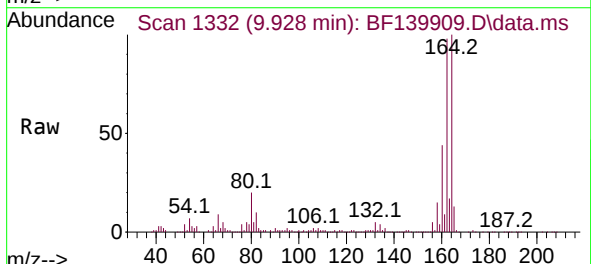
Instrument :
BNA_F
ClientSampleId :
NB-08-101424RE

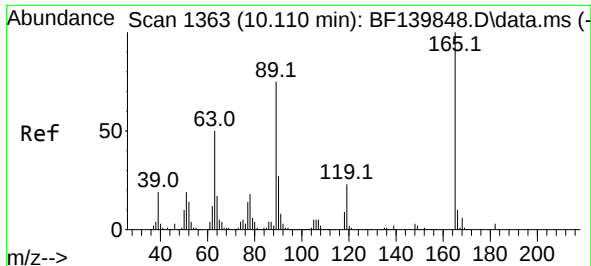
Tgt Ion:172 Resp: 210571
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.3 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 10.202 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

Tgt Ion:165 Resp: 30236
Ion Ratio Lower Upper
165 100
63 2.1 50.6 75.8#
89 2.0 47.5 71.3#

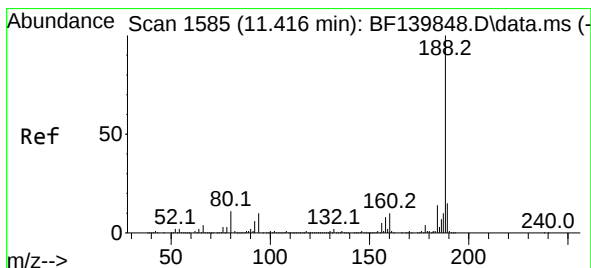
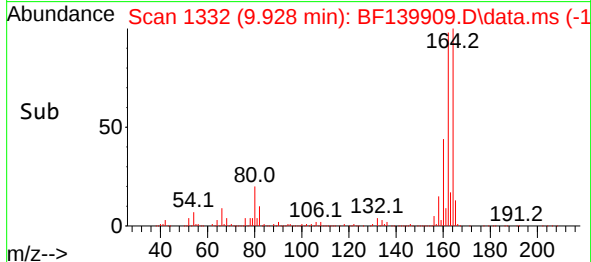
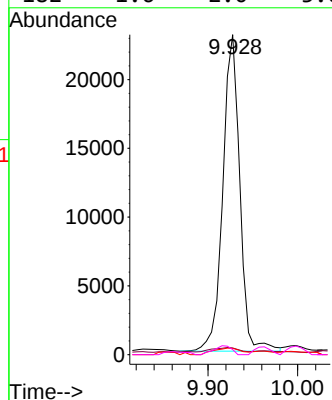
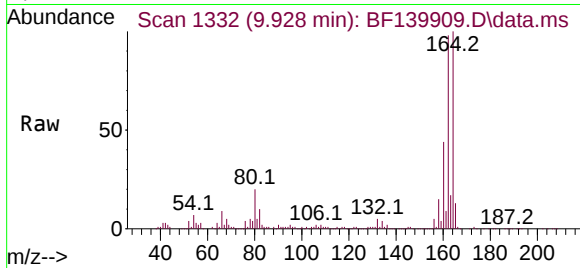




#57
2,4-Dinitrotoluene
Concen: 8.296 ng
RT: 9.928 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

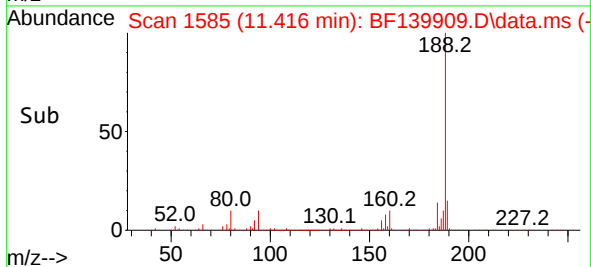
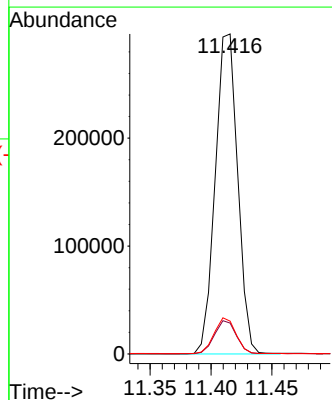
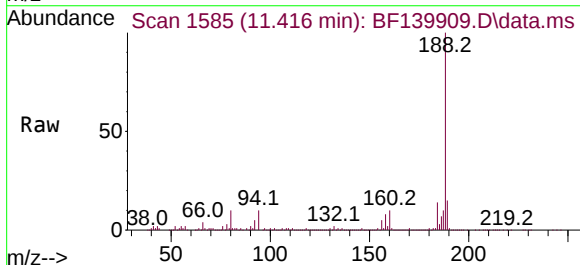
Instrument :
BNA_F
ClientSampleId :
NB-08-101424RE

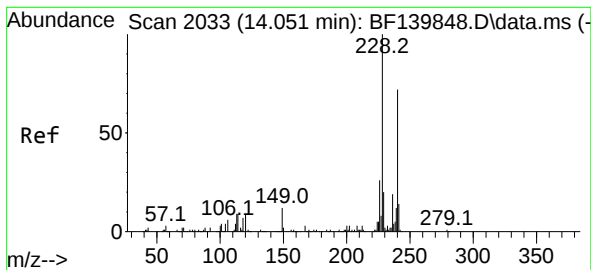
Tgt Ion:165 Resp: 30236
Ion Ratio Lower Upper
165 100
63 2.1 40.1 60.1#
89 2.0 60.4 90.6#
182 1.6 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

Tgt Ion:188 Resp: 380066
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.3 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: BF139909.D

Acq: 21 Oct 2024 18:08

Instrument :

BNA_F

ClientSampleId :

NB-08-101424RE

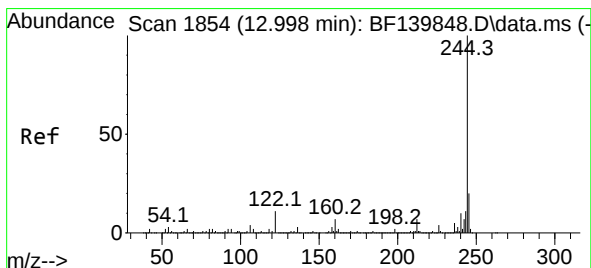
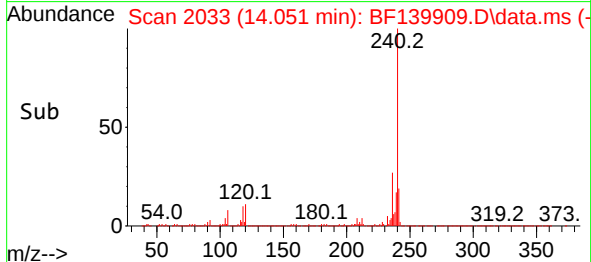
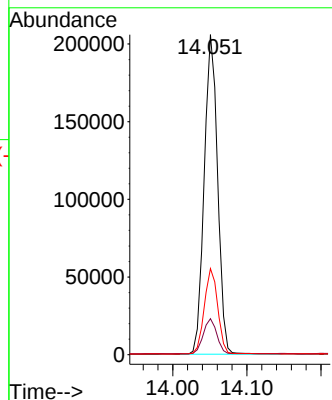
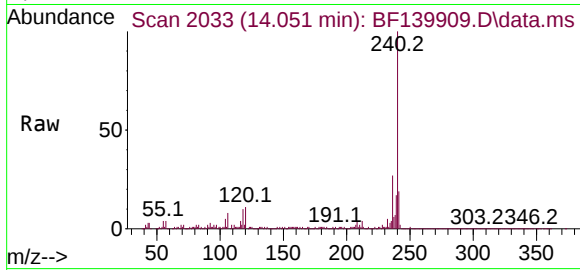
Tgt Ion:240 Resp: 259100

Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

236 26.9 20.9 31.3



#79

Terphenyl-d14

Concen: 14.639 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139909.D

Acq: 21 Oct 2024 18:08

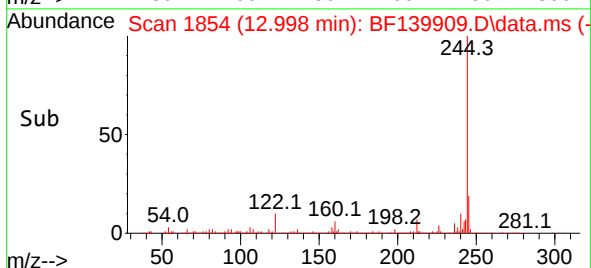
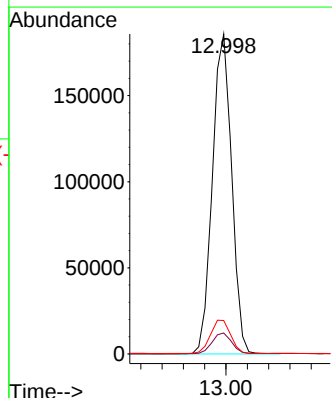
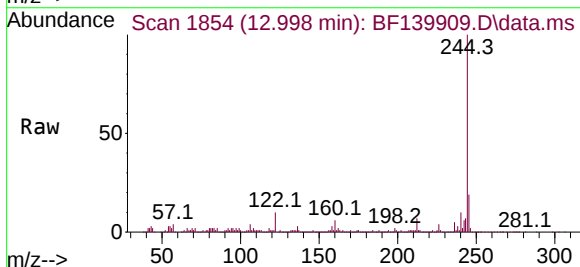
Tgt Ion:244 Resp: 232764

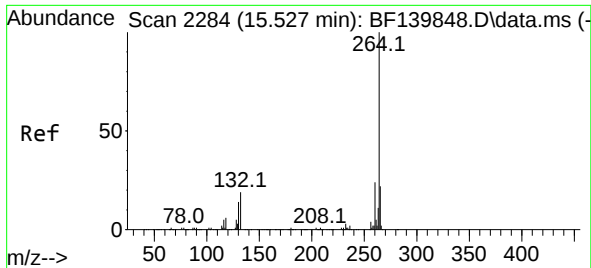
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

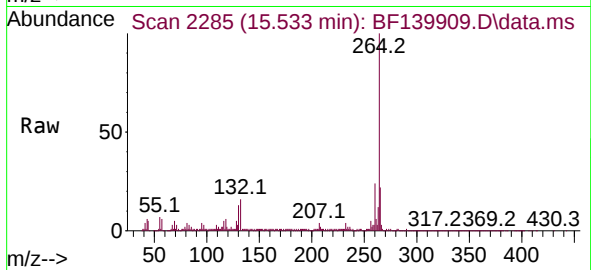
122 10.5 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

Instrument :
BNA_F
ClientSampleId :
NB-08-101424RE



Tgt Ion:264 Resp: 216717

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.2
265	21.8	17.4	26.0

