

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139922.D
 Acq On : 22 Oct 2024 12:03
 Operator : RC/JU
 Sample : PB164176BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164176BL

Quant Time: Oct 22 13:23:43 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)

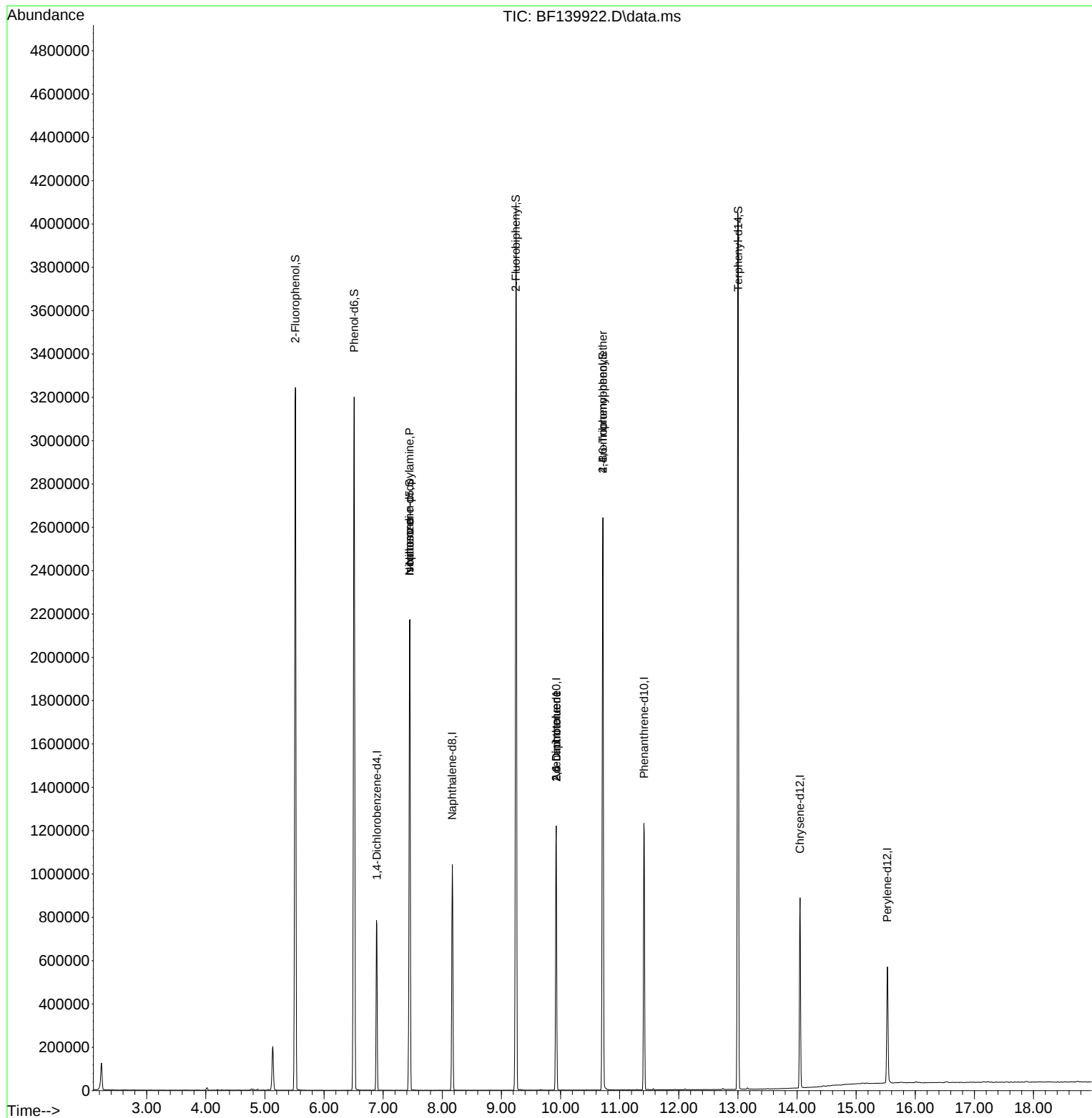
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	162938	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	637514	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	364122	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	656273	20.000	ng	0.00
76) Chrysene-d12	14.051	240	410355	20.000	ng	0.00
86) Perylene-d12	15.527	264	318222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1303817	125.269	ng	0.02
7) Phenol-d6	6.510	99	1648727	122.307	ng	0.00
23) Nitrobenzene-d5	7.445	82	1061547	92.288	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	478872	140.601	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1900920	86.280	ng	0.00
79) Terphenyl-d14	13.004	244	2153243	85.503	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	143843	17.594	ng	# 77
25) Isophorone	7.445	82	1059154	48.514	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	47626	9.698	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	47626	7.886	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	30358	4.490	ng	# 1

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

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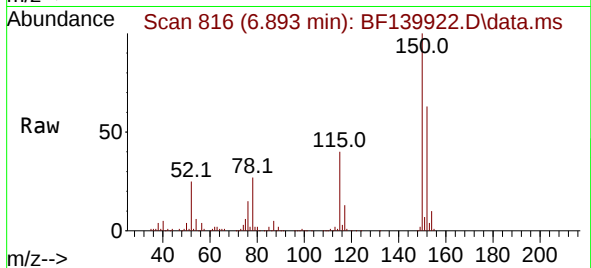
Quant Time: Oct 22 13:23:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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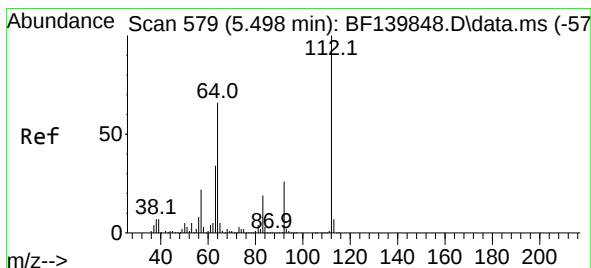
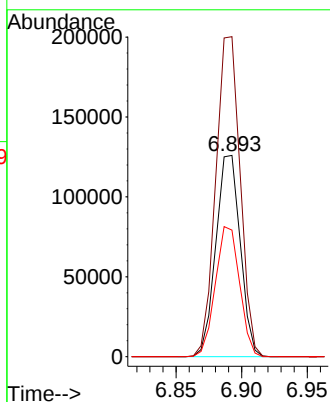
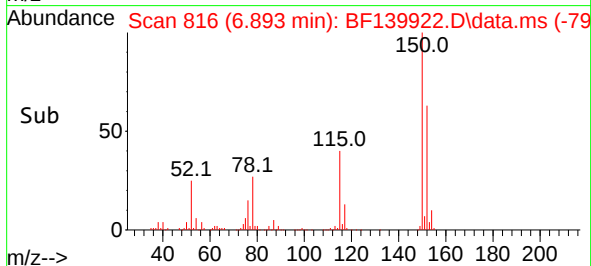


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

Instrument :
BNA_F
ClientSampleId :
PB164176BL

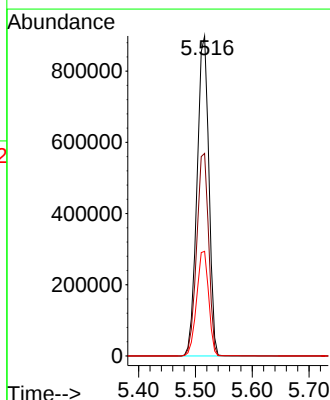
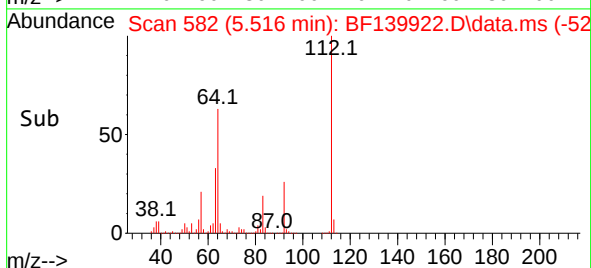
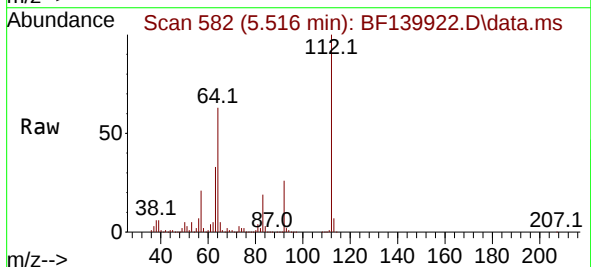


Tgt Ion:152 Resp: 162938
Ion Ratio Lower Upper
152 100
150 159.0 130.2 195.2
115 62.9 51.4 77.2



#5
2-Fluorophenol
Concen: 125.269 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

Tgt Ion:112 Resp: 1303817
Ion Ratio Lower Upper
112 100
64 63.3 53.0 79.6
63 32.7 27.0 40.4



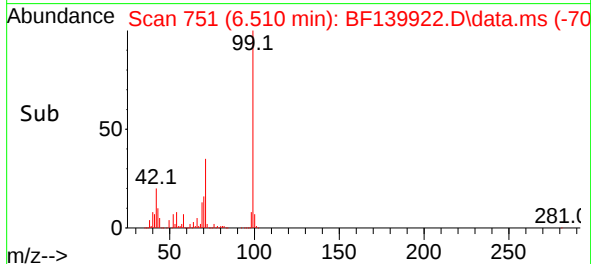
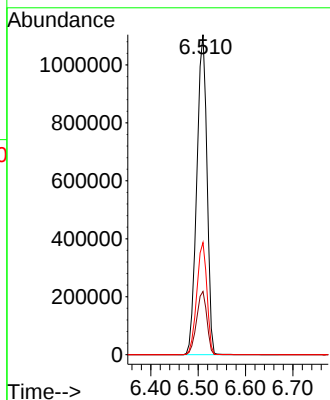
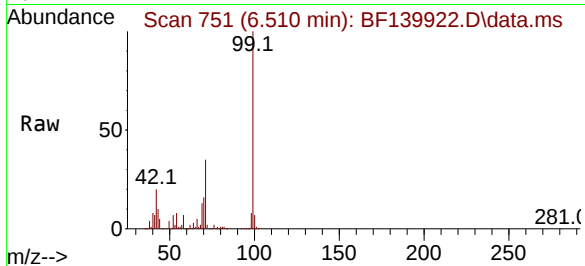


#7
Phenol-d6
Concen: 122.307 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

Instrument :
BNA_F
ClientSampleId :
PB164176BL

Tgt Ion: 99 Resp: 1648727

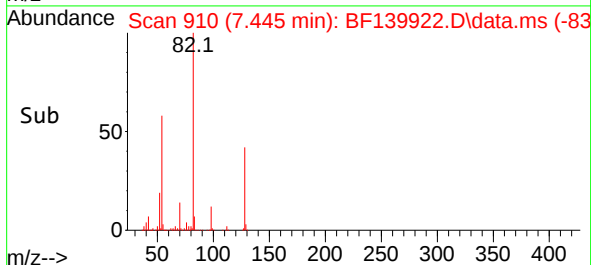
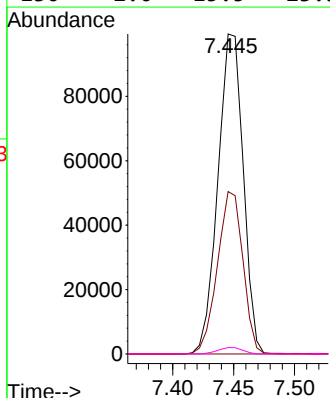
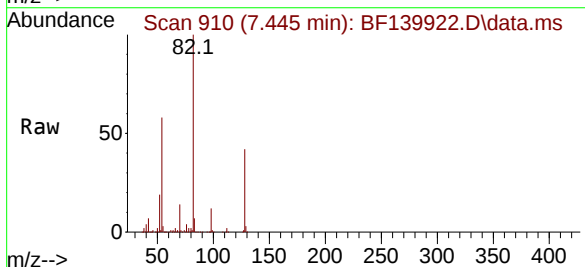
Ion	Ratio	Lower	Upper
99	100		
42	19.8	16.7	25.1
71	35.0	27.7	41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.594 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

Tgt Ion: 70 Resp: 143843

Ion	Ratio	Lower	Upper
70	100		
42	50.7	51.5	77.3#
101	0.0	7.5	11.3#
130	2.0	15.5	23.3#



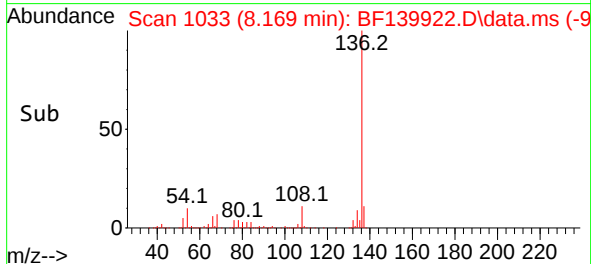
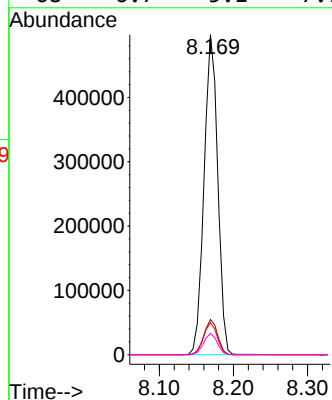
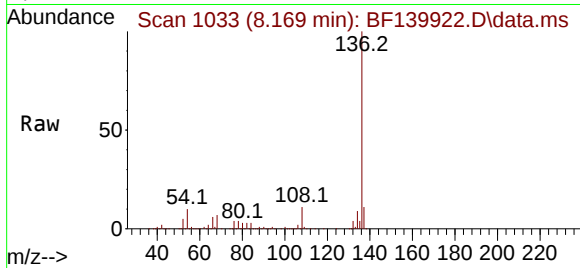


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

Instrument :
BNA_F
ClientSampleId :
PB164176BL

Tgt Ion:136 Resp: 637514

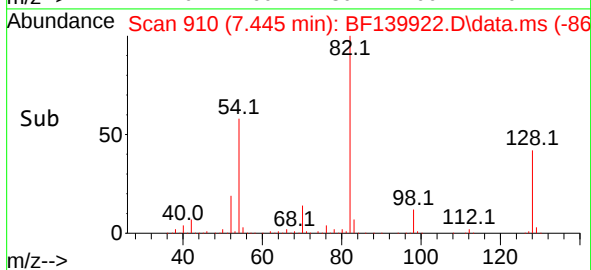
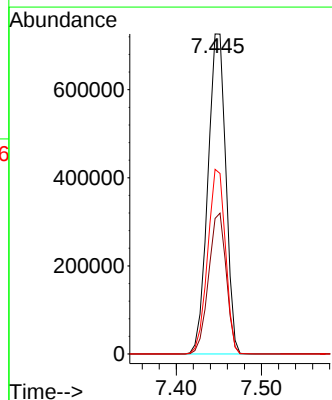
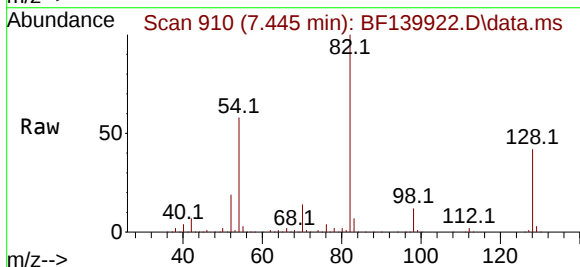
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	10.0	8.4	12.6
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 92.288 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

Tgt Ion: 82 Resp: 1061547

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.4	50.0
54	57.7	47.8	71.8

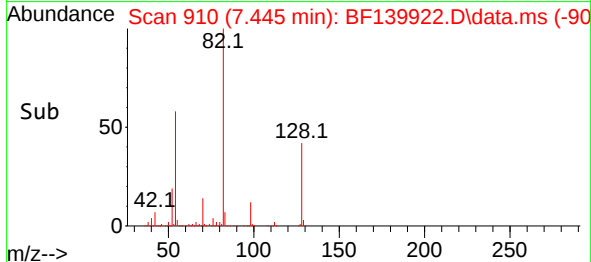
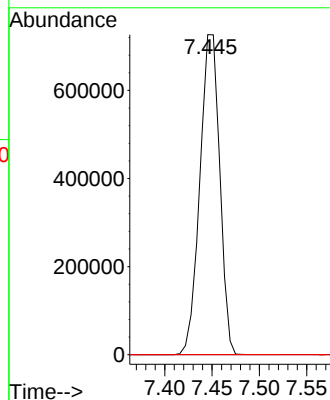
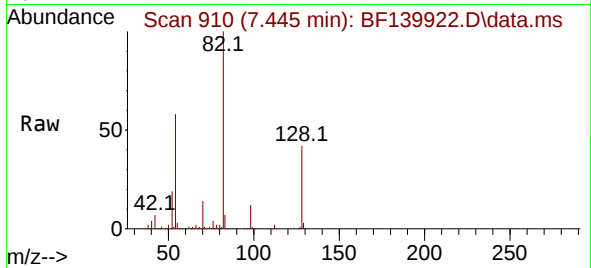




#25
Isophorone
Concen: 48.514 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

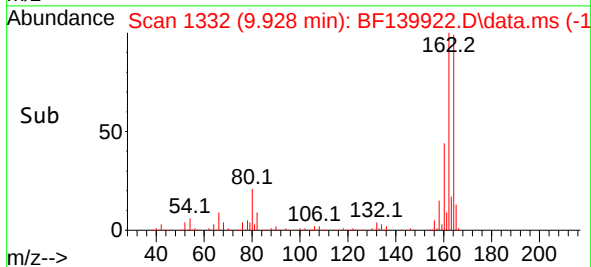
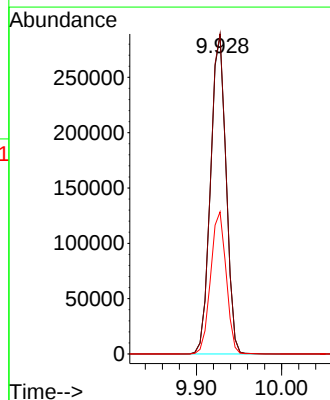
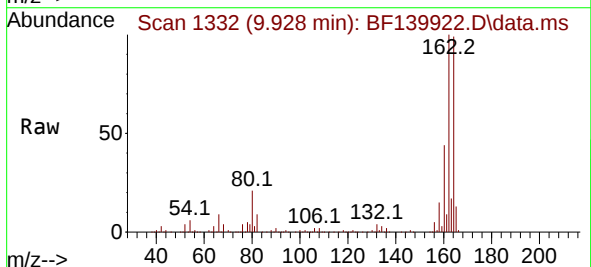
Instrument :
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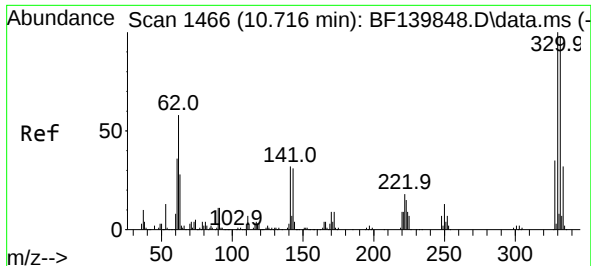
Tgt Ion: 82 Resp: 1059154
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

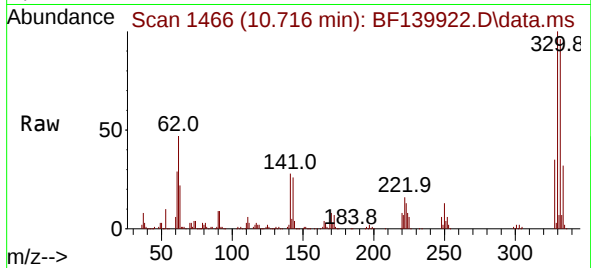
Tgt Ion: 164 Resp: 364122
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 44.7 35.4 53.0



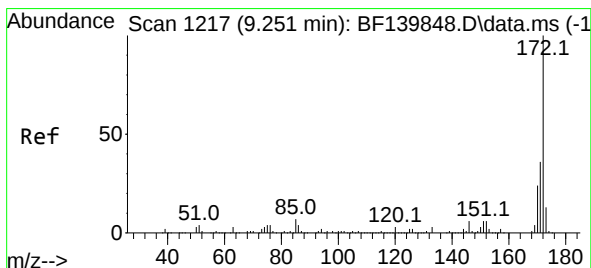
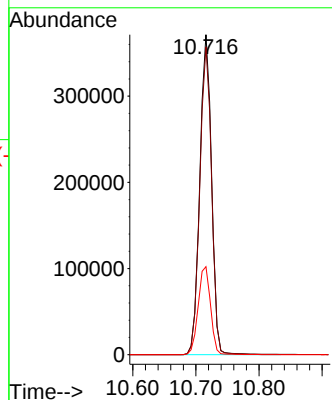
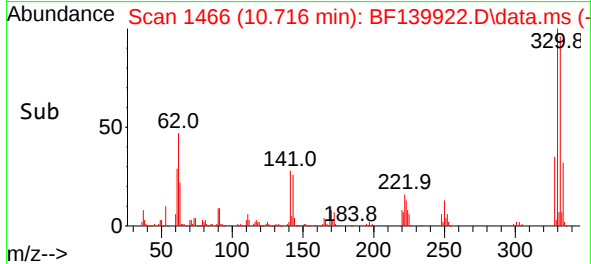


#42
2,4,6-Tribromophenol
Concen: 140.601 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

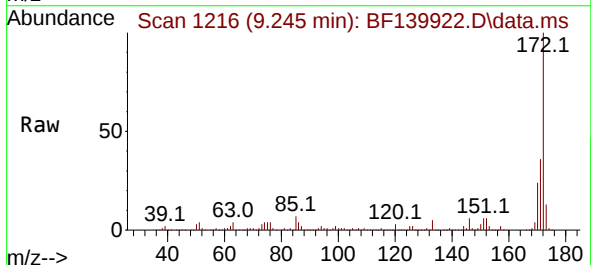
Instrument :
BNA_F
ClientSampleId :
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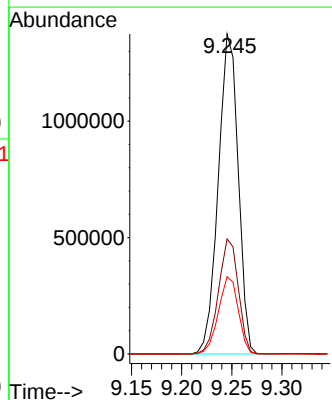
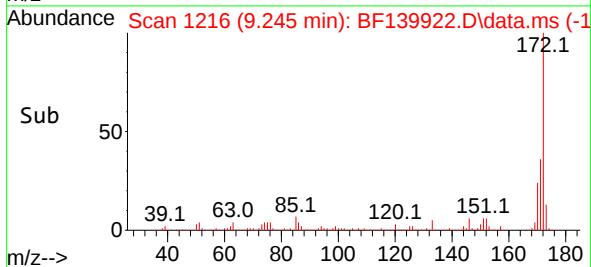
Tgt Ion: 330 Resp: 478872
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 28.9 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 86.280 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03



Tgt Ion: 172 Resp: 1900920
Ion Ratio Lower Upper
172 100
171 36.0 28.6 43.0
170 24.2 19.1 28.7

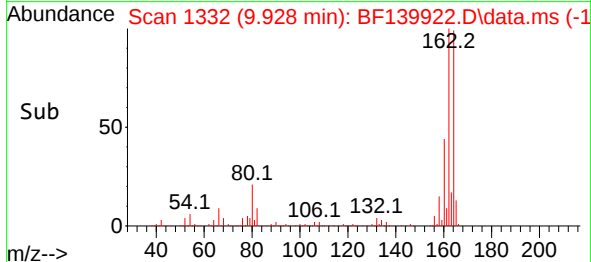
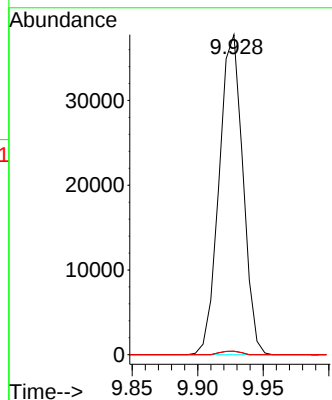
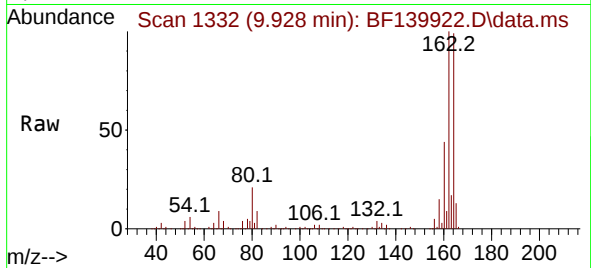




#51
2,6-Dinitrotoluene
Concen: 9.698 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

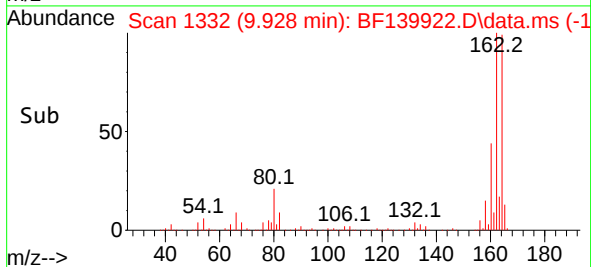
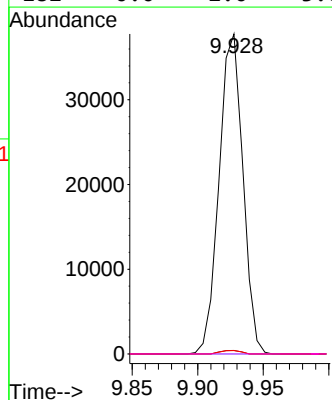
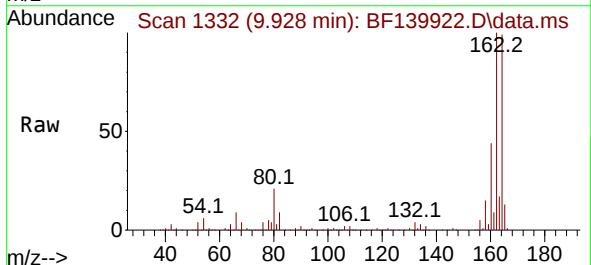
Instrument :
BNA_F
ClientSampleId :
PB164176BL

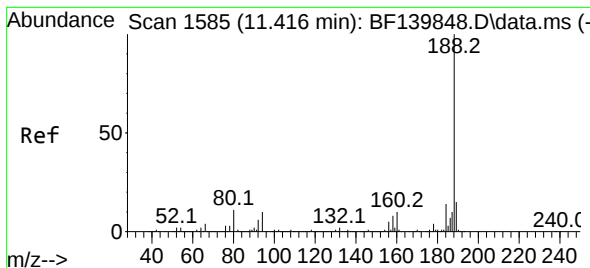
Tgt Ion:165 Resp: 47626
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.886 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139922.D
Acq: 22 Oct 2024 12:03

Tgt Ion:165 Resp: 47626
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.1 60.4 90.6#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139922.D

Acq: 22 Oct 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB164176BL

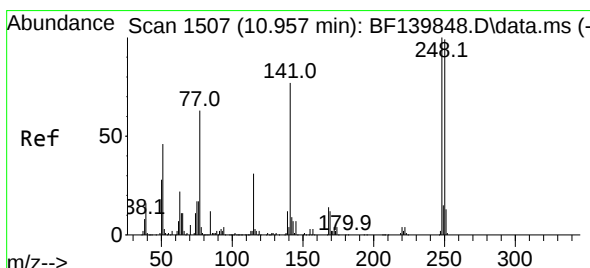
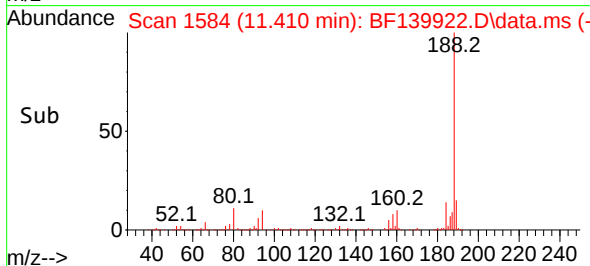
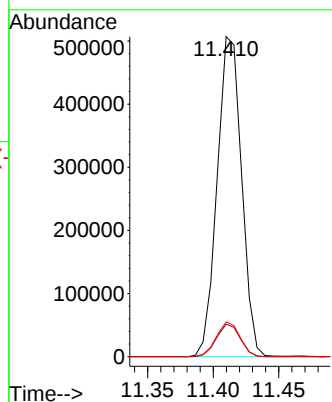
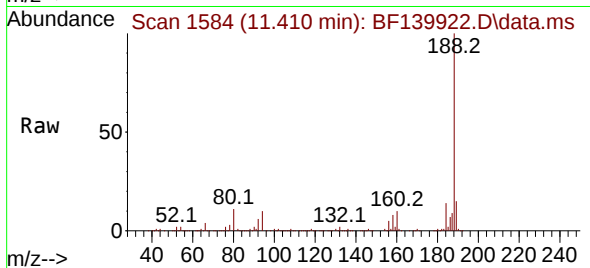
Tgt Ion:188 Resp: 656273

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 10.9 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.490 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139922.D

Acq: 22 Oct 2024 12:03

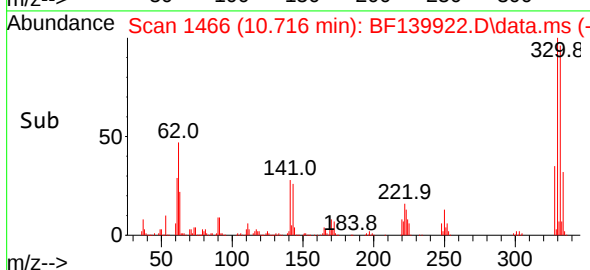
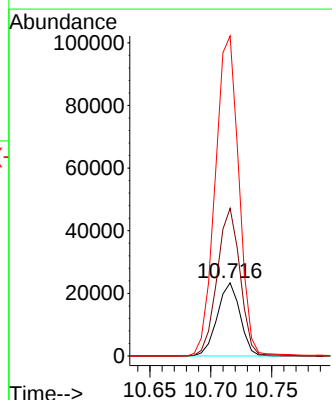
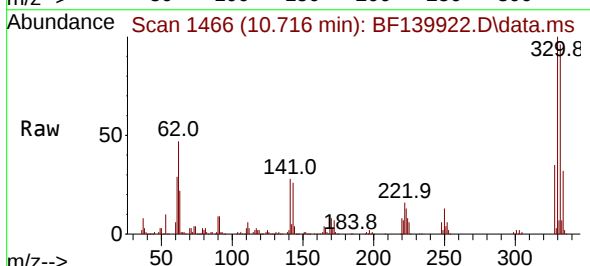
Tgt Ion:248 Resp: 30358

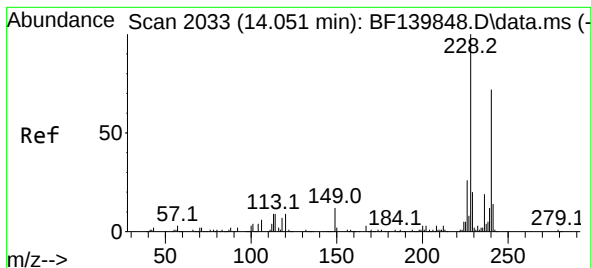
Ion Ratio Lower Upper

248 100

250 201.7 79.0 118.6#

141 437.2 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: BF139922.D

Acq: 22 Oct 2024 12:03

Instrument :

BNA_F

ClientSampleId :

PB164176BL

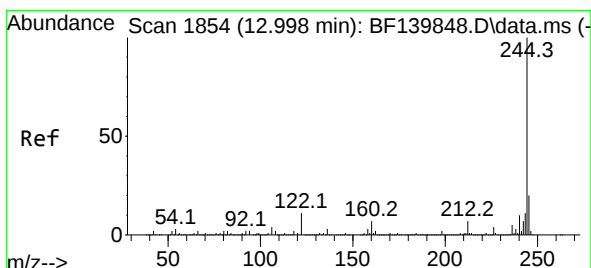
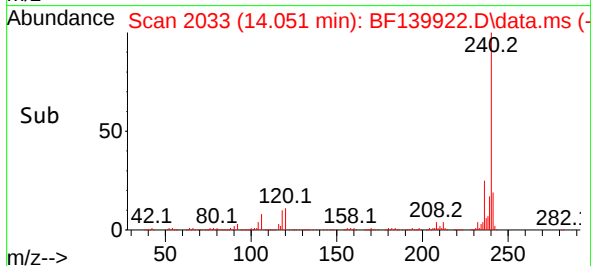
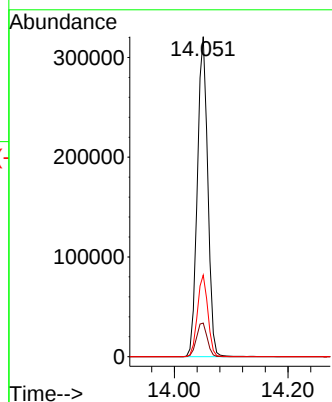
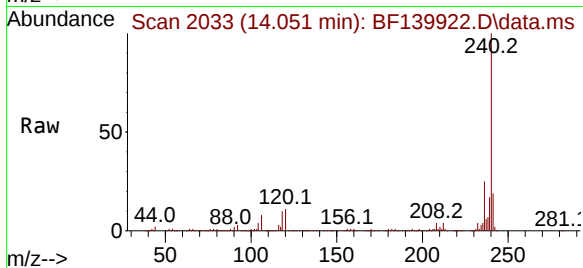
Tgt Ion:240 Resp: 410355

Ion Ratio Lower Upper

240 100

120 10.5 9.4 14.2

236 25.5 20.9 31.3



#79

Terphenyl-d14

Concen: 85.503 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF139922.D

Acq: 22 Oct 2024 12:03

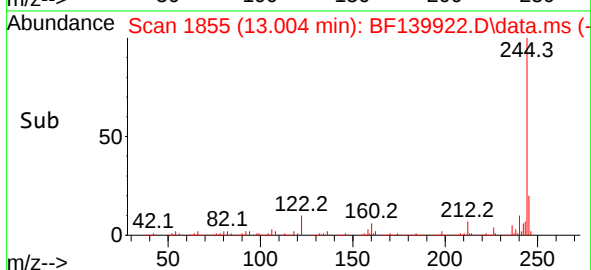
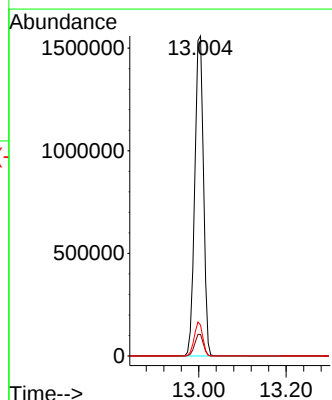
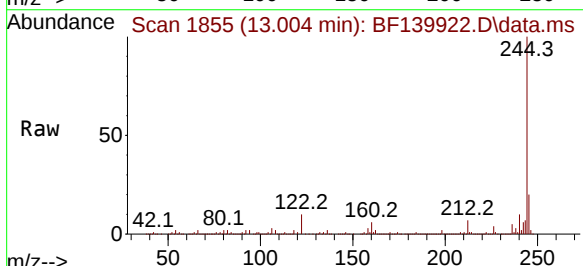
Tgt Ion:244 Resp: 2153243

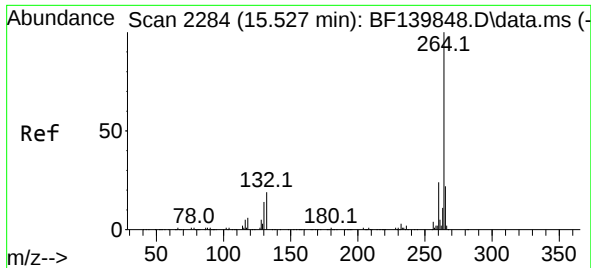
Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

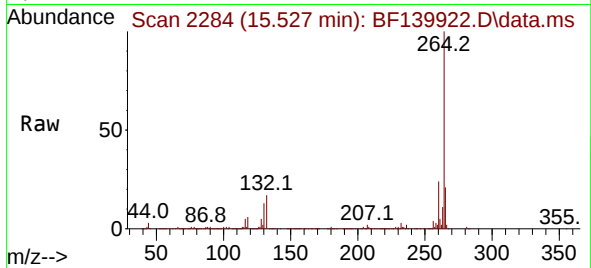
122 9.7 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139922.D
 Acq: 22 Oct 2024 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB164176BL



Tgt Ion:	264	Resp:	318222
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.5	17.4	26.0

