

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139928.D
 Acq On : 22 Oct 2024 14:58
 Operator : RC/JU
 Sample : PB164154BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164154BL

Quant Time: Oct 22 15:24:16 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)

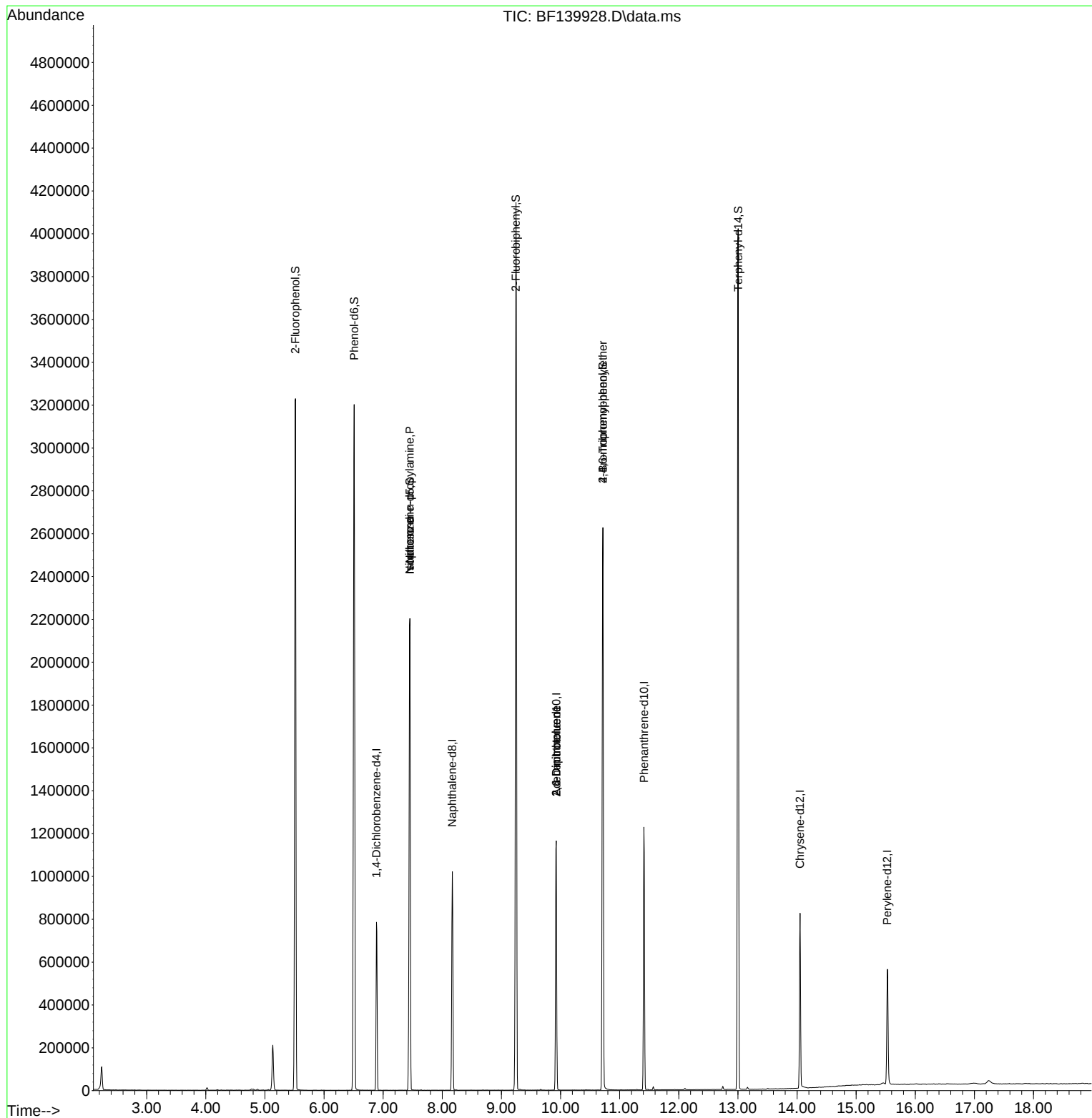
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	163319	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	633200	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	357885	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	642786	20.000	ng	0.00
76) Chrysene-d12	14.051	240	375705	20.000	ng	0.00
86) Perylene-d12	15.527	264	319185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1329585	127.447	ng	0.02
7) Phenol-d6	6.510	99	1686016	124.782	ng	0.00
23) Nitrobenzene-d5	7.451	82	1085362	95.001	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	490579	146.549	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1924724	88.883	ng	0.00
79) Terphenyl-d14	13.004	244	2163031	93.813	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	145308	17.732	ng	# 78
25) Isophorone	7.451	82	1082386	49.916	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	46230	9.578	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	46230	7.789	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	30108	4.547	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
Data File : BF139928.D
Acq On : 22 Oct 2024 14:58
Operator : RC/JU
Sample : PB164154BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164154BL

Quant Time: Oct 22 15:24:16 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

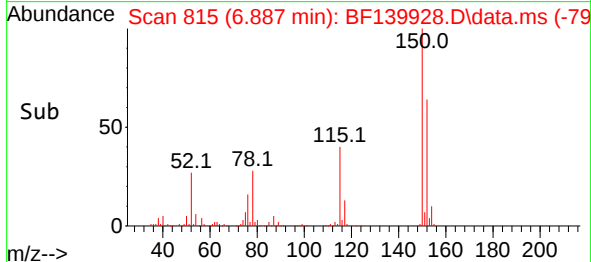
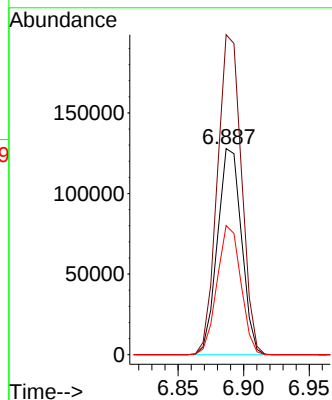
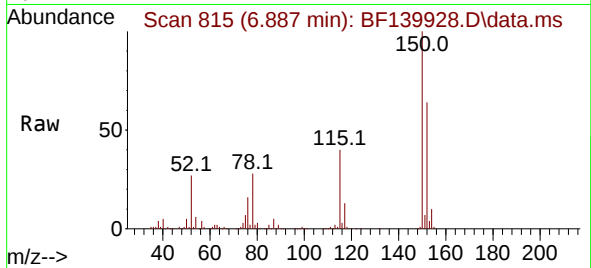




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

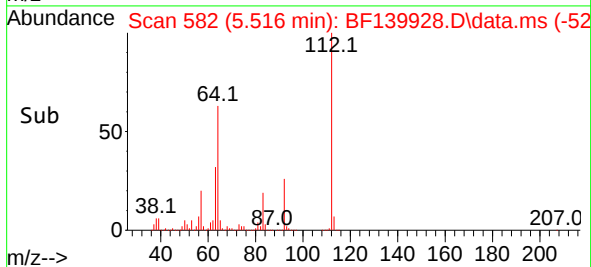
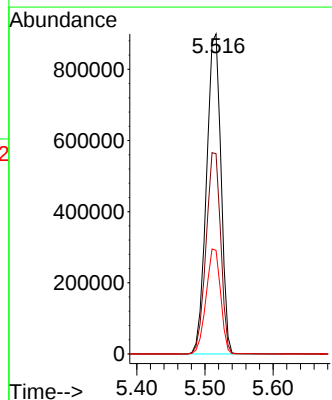
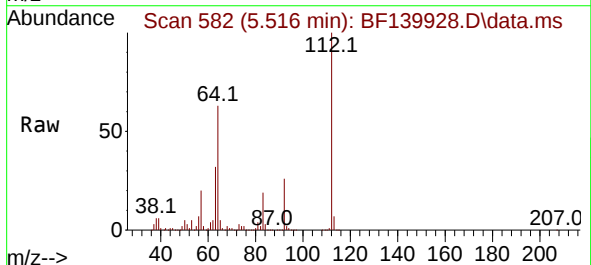
Instrument :
BNA_F
ClientSampleId :
PB164154BL

Tgt Ion:152 Resp: 163319
Ion Ratio Lower Upper
152 100
150 155.2 130.2 195.2
115 62.6 51.4 77.2



#5
2-Fluorophenol
Concen: 127.447 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

Tgt Ion:112 Resp: 1329585
Ion Ratio Lower Upper
112 100
64 62.6 53.0 79.6
63 32.4 27.0 40.4



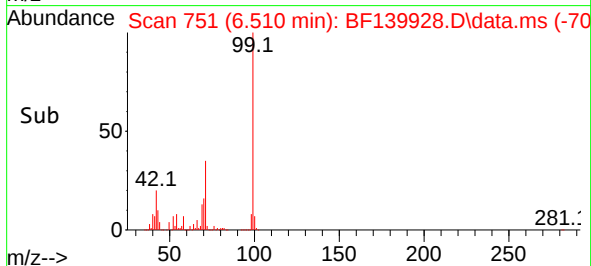
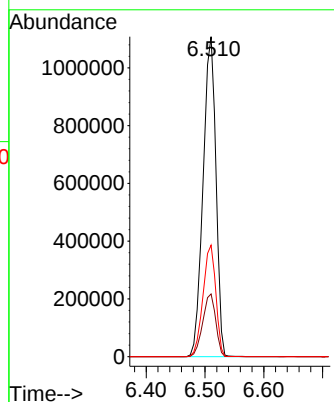
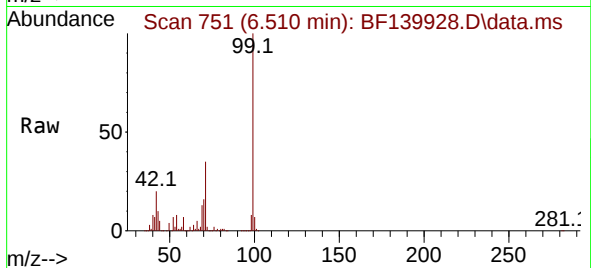


#7
Phenol-d6
Concen: 124.782 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

Instrument :
BNA_F
ClientSampleId :
PB164154BL

Tgt Ion: 99 Resp: 1686016

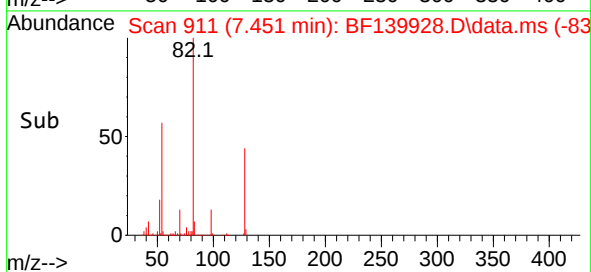
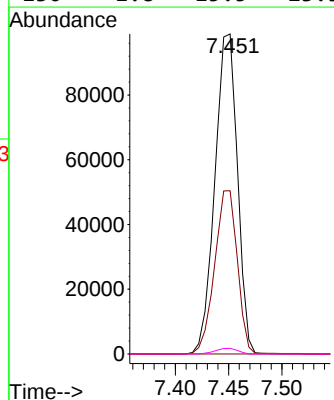
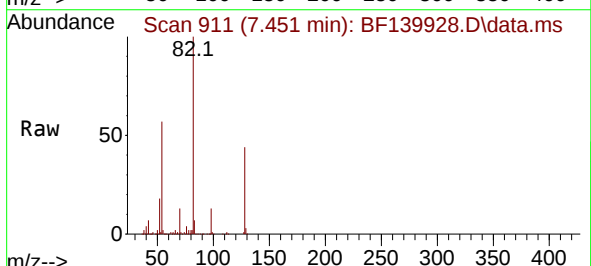
Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.7	25.1
71	34.9	27.7	41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.732 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

Tgt Ion: 70 Resp: 145308

Ion	Ratio	Lower	Upper
70	100		
42	51.0	51.5	77.3#
101	0.0	7.5	11.3#
130	1.8	15.5	23.3#



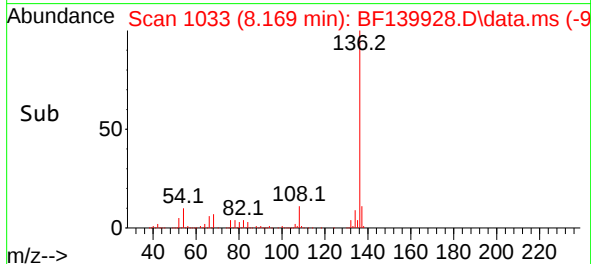
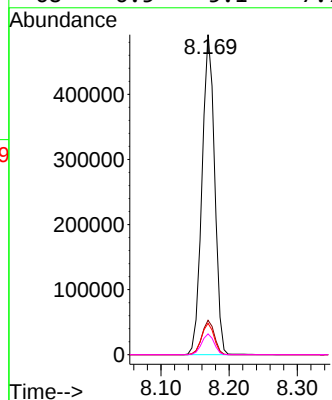
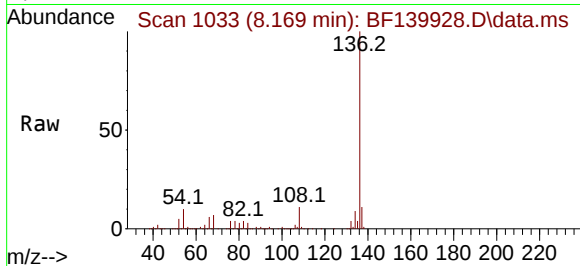


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

Instrument :
BNA_F
ClientSampleId :
PB164154BL

Tgt Ion:136 Resp: 633200

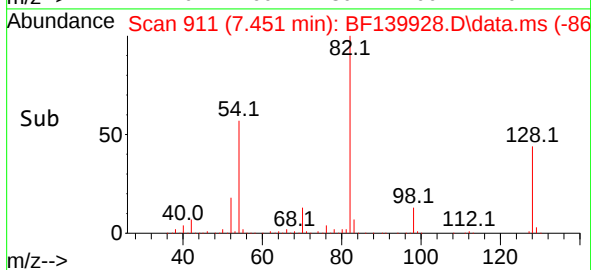
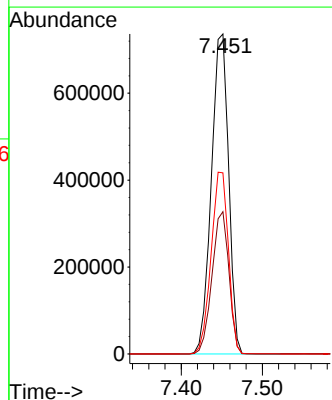
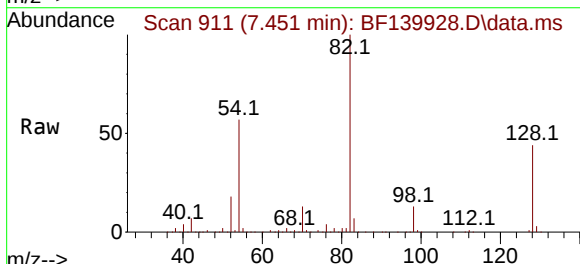
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.8	8.4	12.6
68	6.5	5.1	7.7



#23
Nitrobenzene-d5
Concen: 95.001 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

Tgt Ion: 82 Resp: 1085362

Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.4	50.0
54	56.6	47.8	71.8

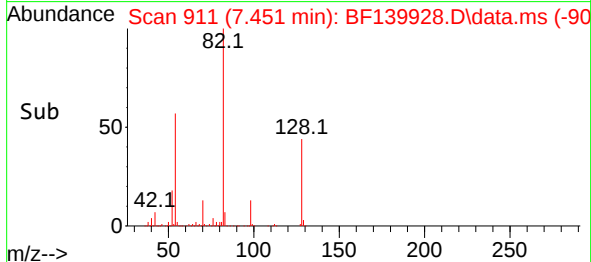
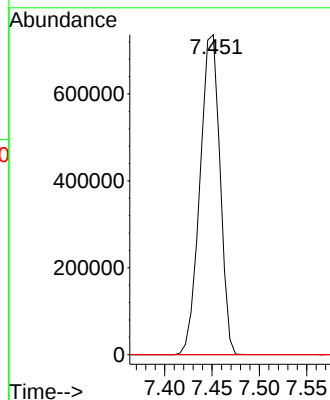
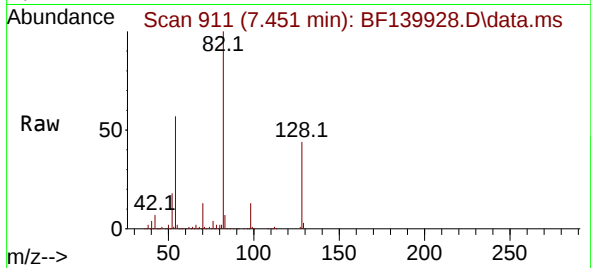




#25
Isophorone
Concen: 49.916 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

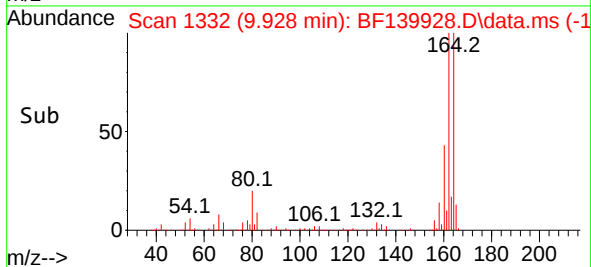
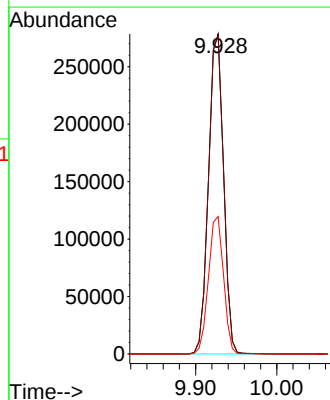
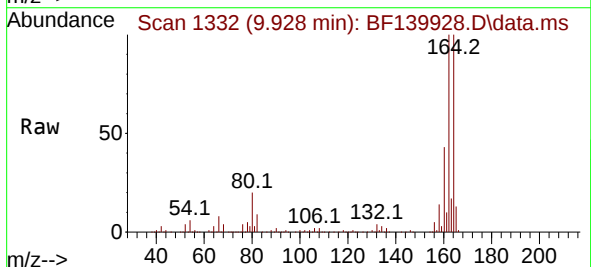
Instrument :
BNA_F
ClientSampleId :
PB164154BL

Tgt Ion: 82 Resp: 1082386
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: BF139928.D
Acq: 22 Oct 2024 14:58

Tgt Ion: 164 Resp: 357885
Ion Ratio Lower Upper
164 100
162 99.6 81.0 121.4
160 43.0 35.4 53.0

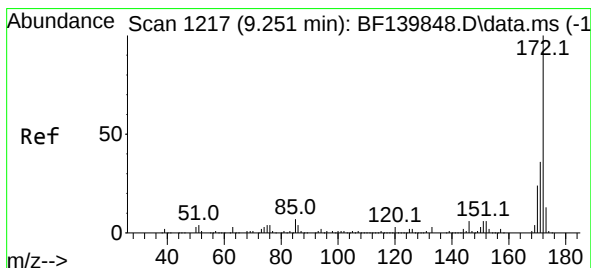
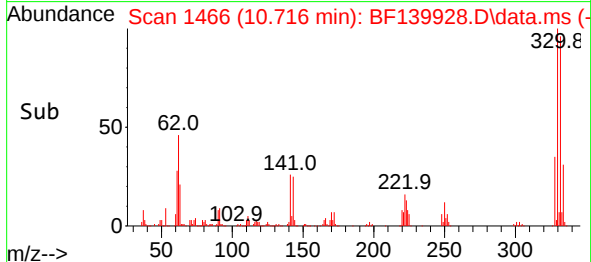
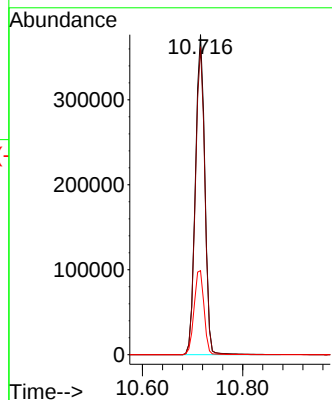
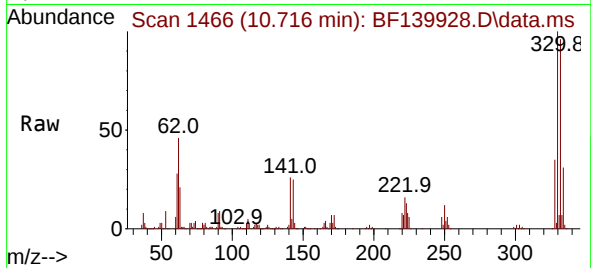




#42
2,4,6-Tribromophenol
Concen: 146.549 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

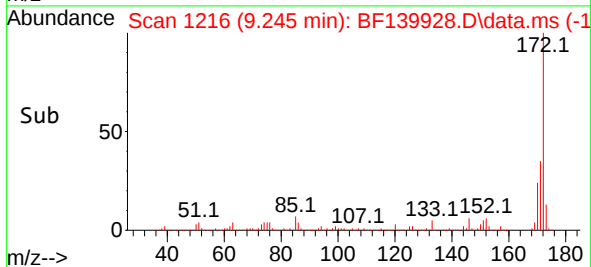
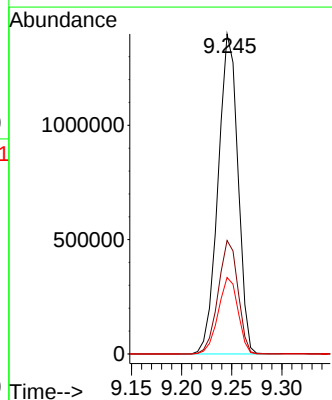
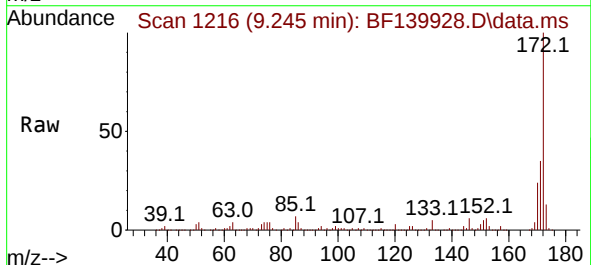
Instrument :
BNA_F
ClientSampleId :
PB164154BL

Tgt Ion:330 Resp: 490579
Ion Ratio Lower Upper
330 100
332 96.3 78.1 117.1
141 27.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 88.883 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

Tgt Ion:172 Resp: 1924724
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.9 19.1 28.7

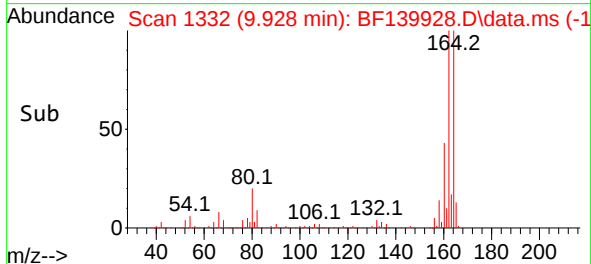
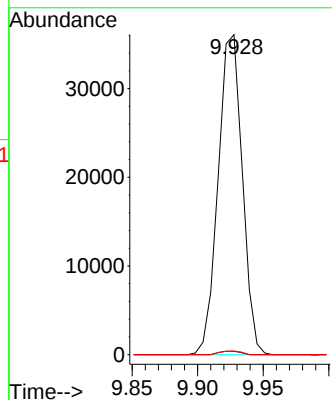
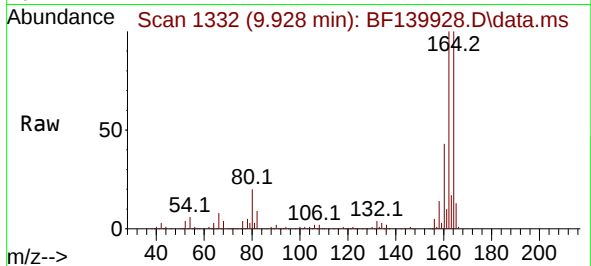




#51
2,6-Dinitrotoluene
Concen: 9.578 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

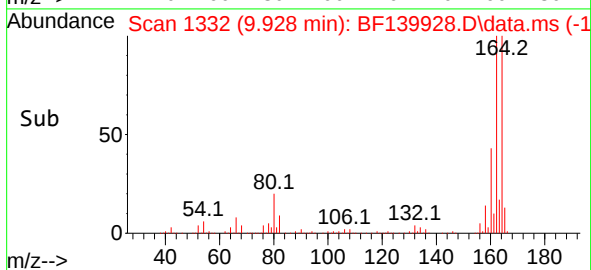
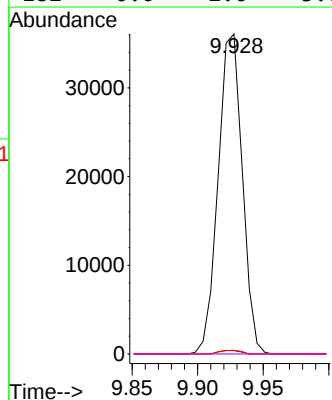
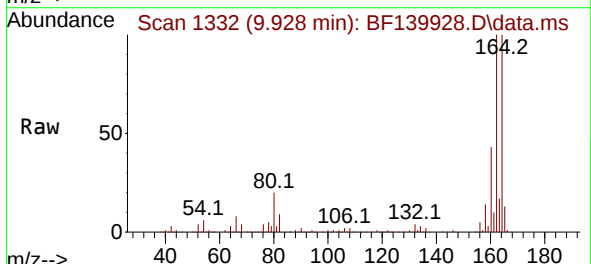
Instrument :
BNA_F
ClientSampleId :
PB164154BL

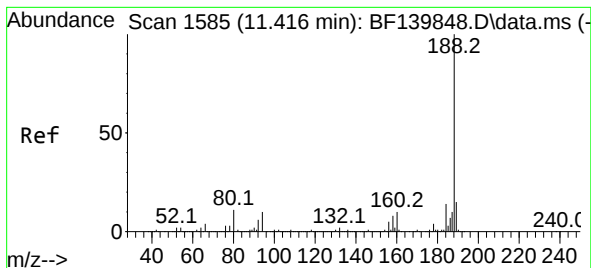
Tgt Ion:165 Resp: 46230
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.2 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.789 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139928.D
Acq: 22 Oct 2024 14:58

Tgt Ion:165 Resp: 46230
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.2 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: BF139928.D

Acq: 22 Oct 2024 14:58

Instrument :

BNA_F

ClientSampleId :

PB164154BL

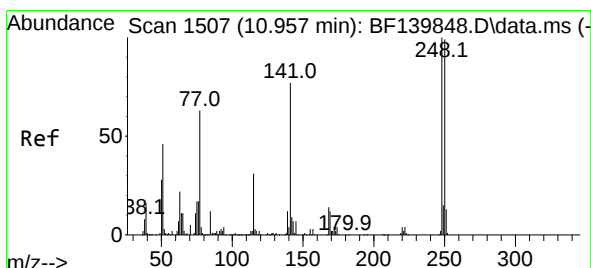
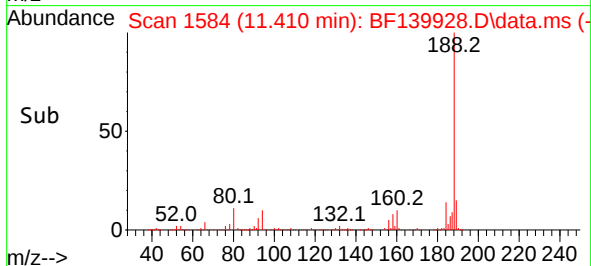
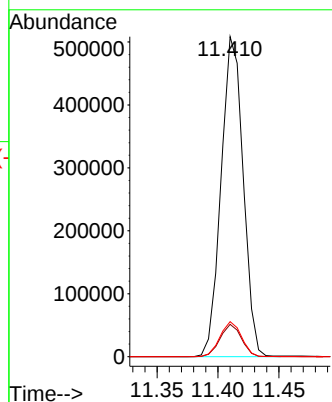
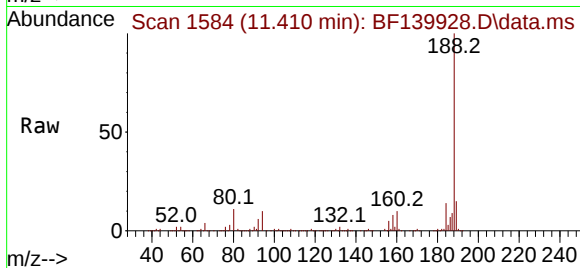
Tgt Ion:188 Resp: 642786

Ion Ratio Lower Upper

188 100

94 10.1 7.9 11.9

80 11.0 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.547 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139928.D

Acq: 22 Oct 2024 14:58

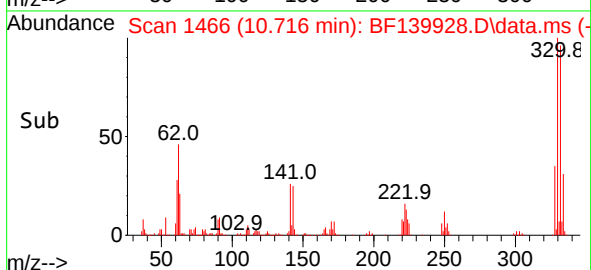
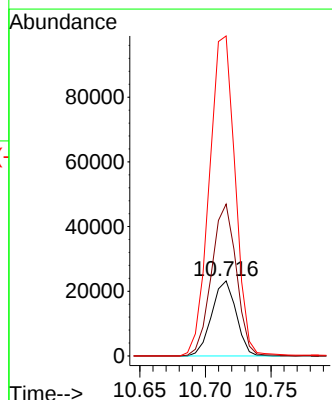
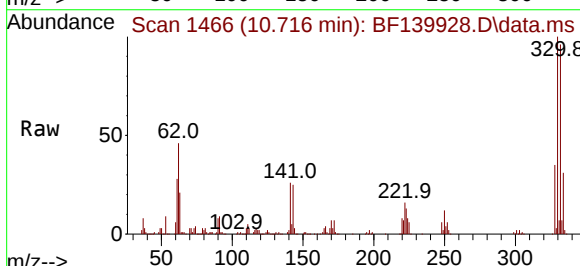
Tgt Ion:248 Resp: 30108

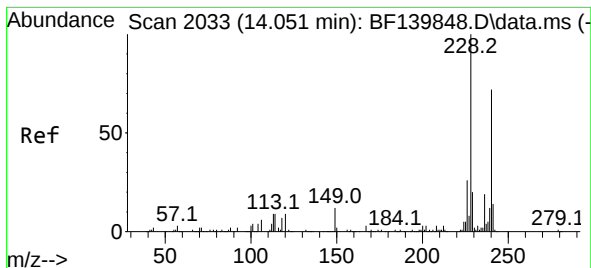
Ion Ratio Lower Upper

248 100

250 202.1 79.0 118.6#

141 426.0 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: BF139928.D

Acq: 22 Oct 2024 14:58

Instrument :

BNA_F

ClientSampleId :

PB164154BL

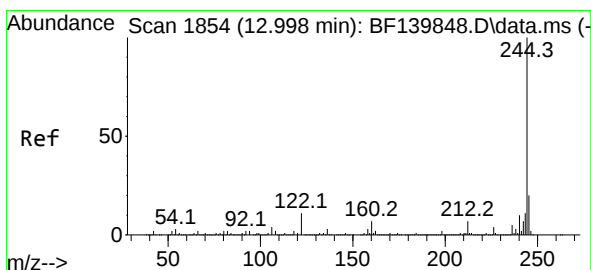
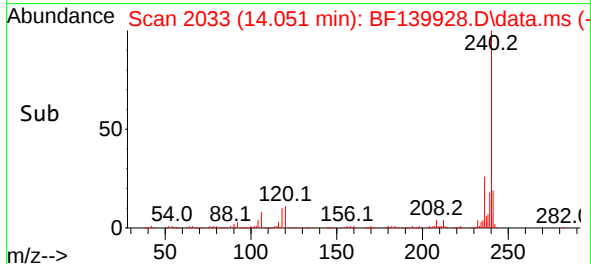
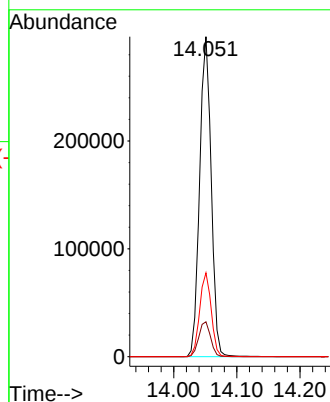
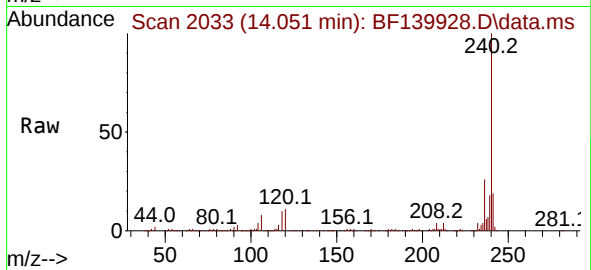
Tgt Ion:240 Resp: 375705

Ion Ratio Lower Upper

240 100

120 10.9 9.4 14.2

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 93.813 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF139928.D

Acq: 22 Oct 2024 14:58

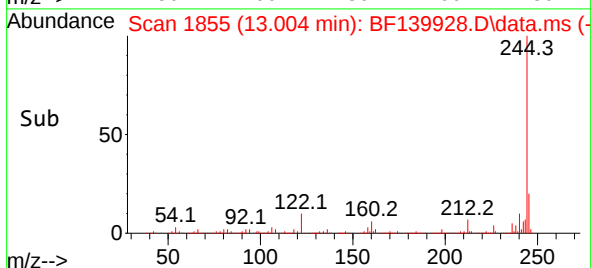
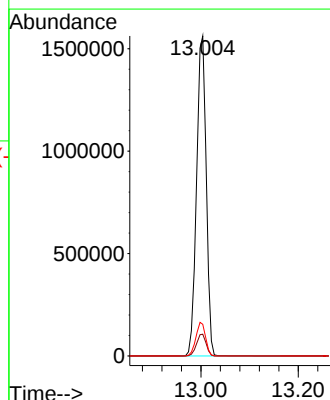
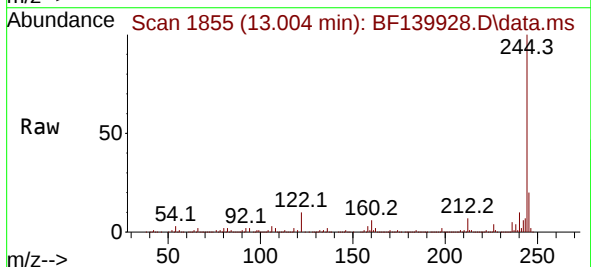
Tgt Ion:244 Resp: 2163031

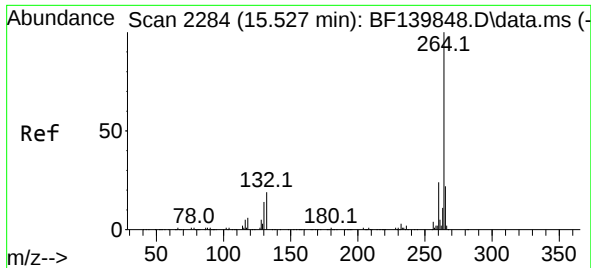
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

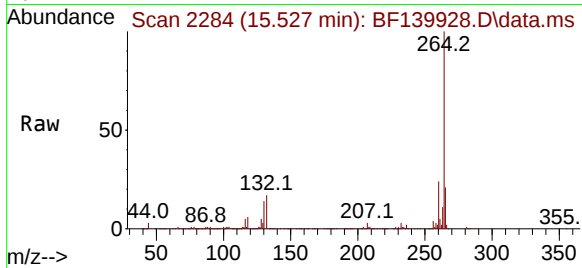
122 9.9 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139928.D
 Acq: 22 Oct 2024 14:58

Instrument :
 BNA_F
 ClientSampleId :
 PB164154BL



Tgt Ion:264 Resp: 319185
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.4 17.4 26.0

