

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139955.D
 Acq On : 23 Oct 2024 10:45
 Operator : RC/JU
 Sample : PB164237BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164237BL

Quant Time: Oct 23 11:43:01 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)

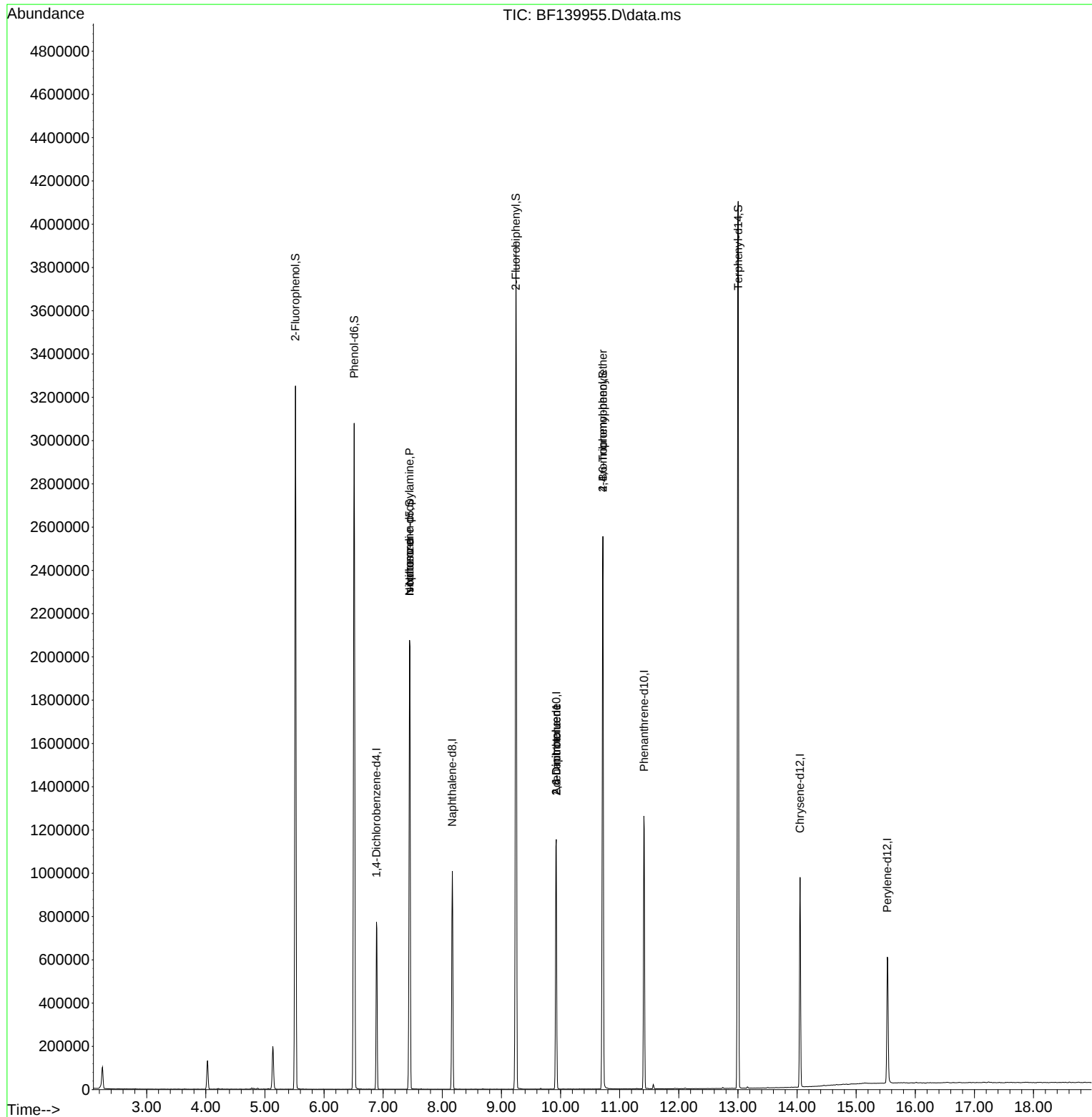
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	161293	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	627475	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	355535	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	670496	20.000	ng	0.00
76) Chrysene-d12	14.051	240	446379	20.000	ng	0.00
86) Perylene-d12	15.527	264	355399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1257012	122.004	ng	0.02
7) Phenol-d6	6.510	99	1573478	117.916	ng	0.00
23) Nitrobenzene-d5	7.445	82	1019695	90.068	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	478264	143.814	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1844406	85.737	ng	0.00
79) Terphenyl-d14	13.004	244	2196353	80.177	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	137880	17.037	ng	# 77
25) Isophorone	7.445	82	1016273	47.295	ng	# 67
51) 2,6-Dinitrotoluene	9.928	165	45670	9.525	ng	# 21
57) 2,4-Dinitrotoluene	9.928	165	45670	7.745	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	30771	4.455	ng	# 1

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

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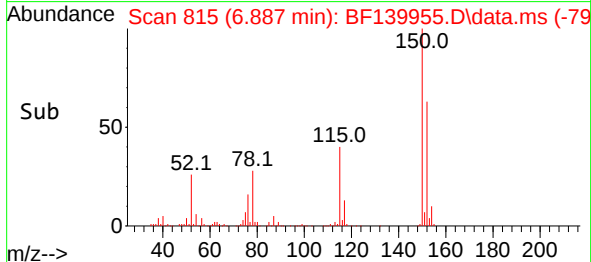
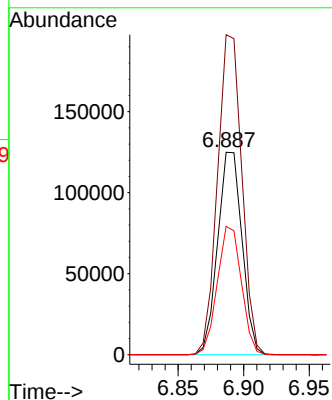
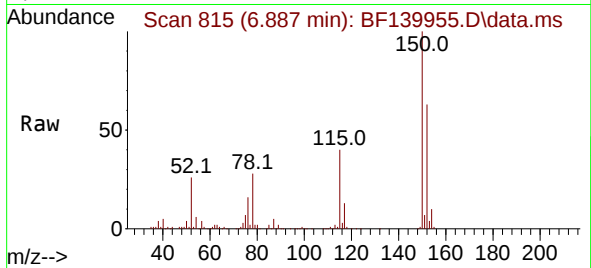




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

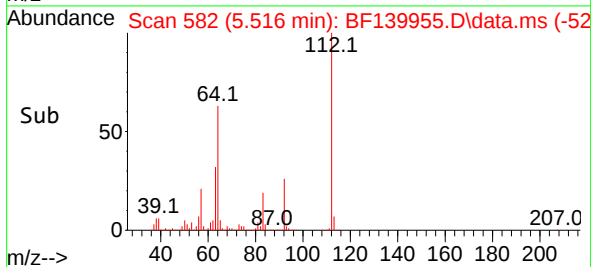
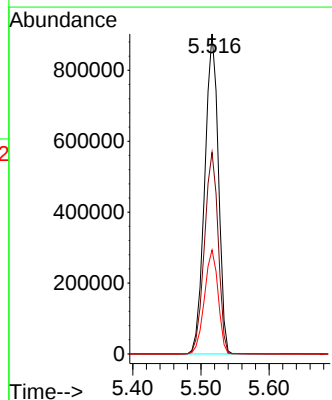
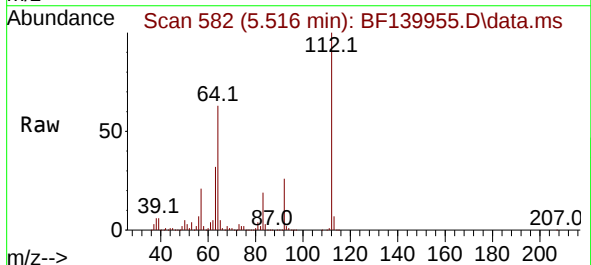
Instrument :
BNA_F
ClientSampleId :
PB164237BL

Tgt Ion:152 Resp: 161293
Ion Ratio Lower Upper
152 100
150 158.1 130.2 195.2
115 63.4 51.4 77.2



#5
2-Fluorophenol
Concen: 122.004 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

Tgt Ion:112 Resp: 1257012
Ion Ratio Lower Upper
112 100
64 63.0 53.0 79.6
63 32.5 27.0 40.4





#7
Phenol-d6
Concen: 117.916 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

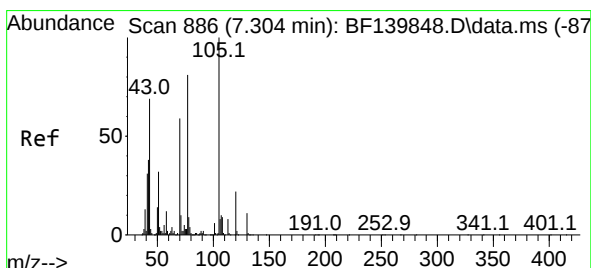
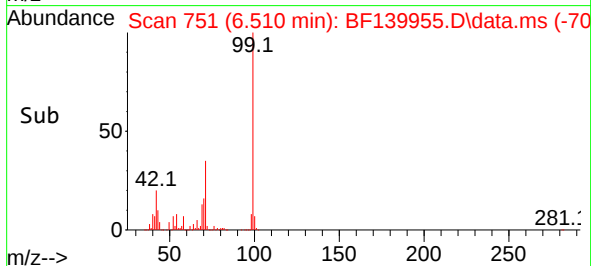
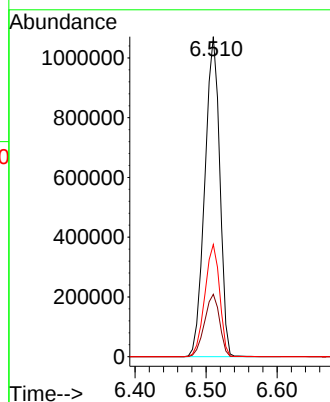
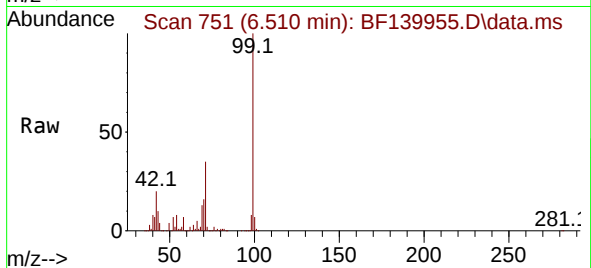
Instrument :

BNA_F

ClientSampleId :

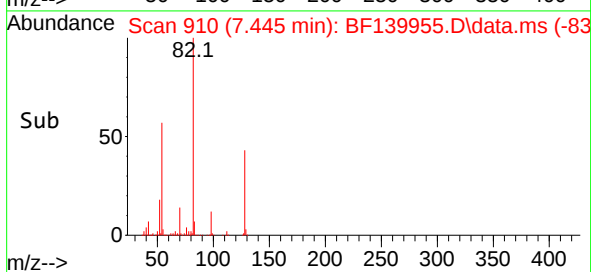
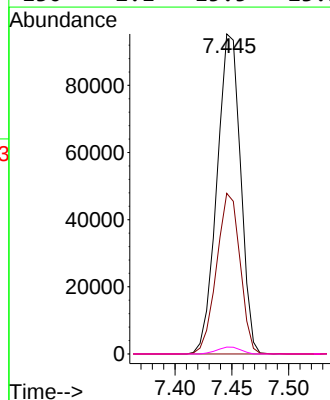
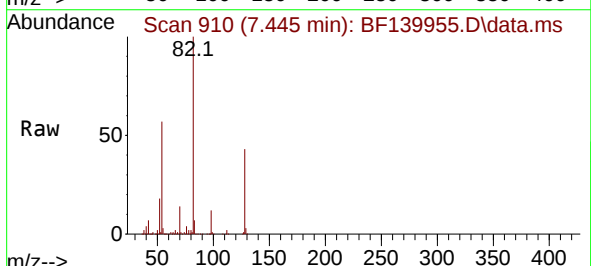
PB164237BL

Tgt Ion: 99 Resp: 1573478
Ion Ratio Lower Upper
99 100
42 19.5 16.7 25.1
71 35.1 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.037 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

Tgt Ion: 70 Resp: 137880
Ion Ratio Lower Upper
70 100
42 50.2 51.5 77.3#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#

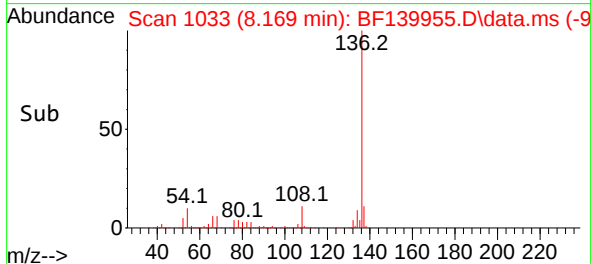
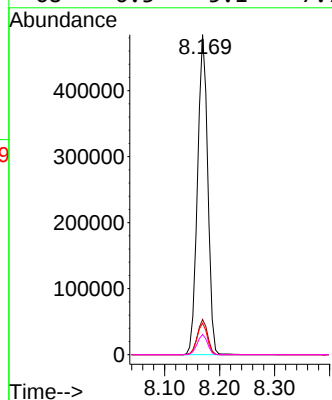
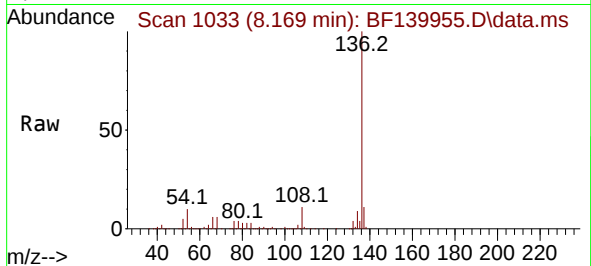




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

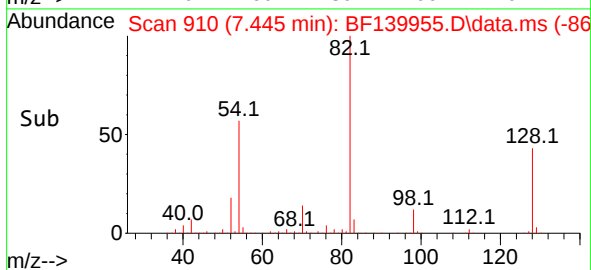
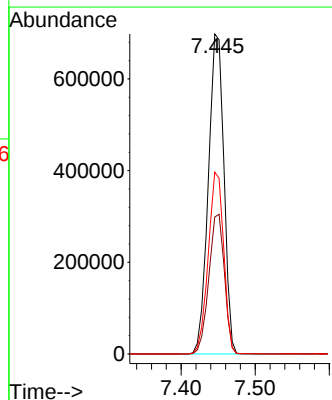
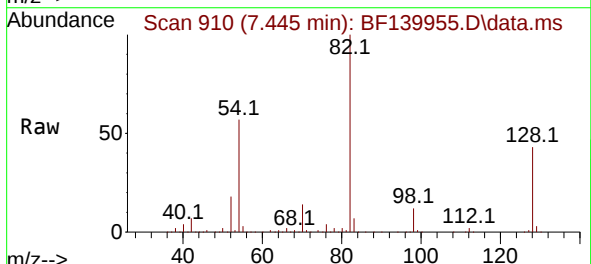
Instrument :
BNA_F
ClientSampleId :
PB164237BL

Tgt Ion:136 Resp: 627475
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.9 8.4 12.6
68 6.3 5.1 7.7



#23
Nitrobenzene-d5
Concen: 90.068 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

Tgt Ion: 82 Resp: 1019695
Ion Ratio Lower Upper
82 100
128 42.8 33.4 50.0
54 56.8 47.8 71.8

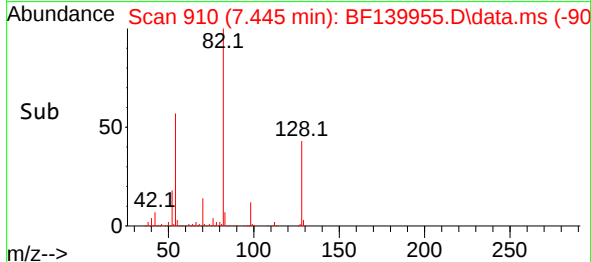
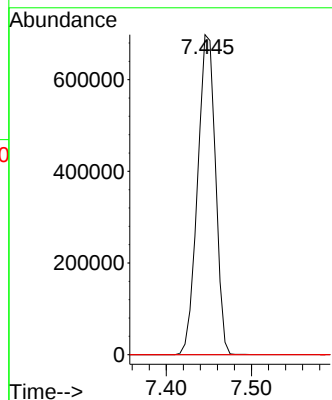
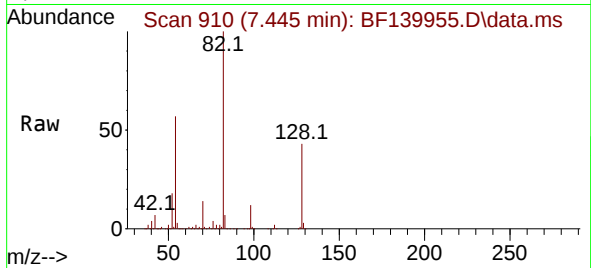




#25
Isophorone
Concen: 47.295 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

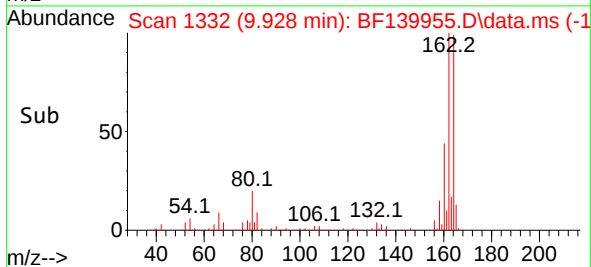
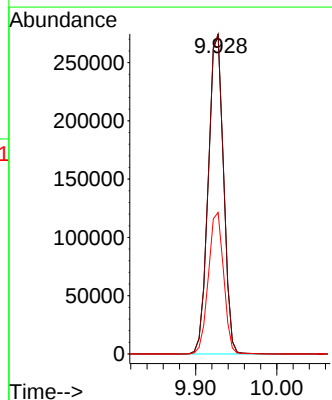
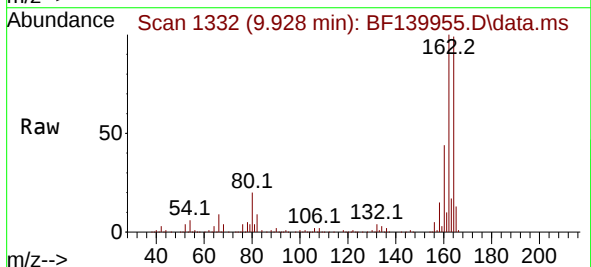
Instrument :
BNA_F
ClientSampleId :
PB164237BL

Tgt Ion: 82 Resp: 1016273
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: BF139955.D
Acq: 23 Oct 2024 10:45

Tgt Ion:164 Resp: 355535
Ion Ratio Lower Upper
164 100
162 100.5 81.0 121.4
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 143.814 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139955.D

Acq: 23 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164237BL

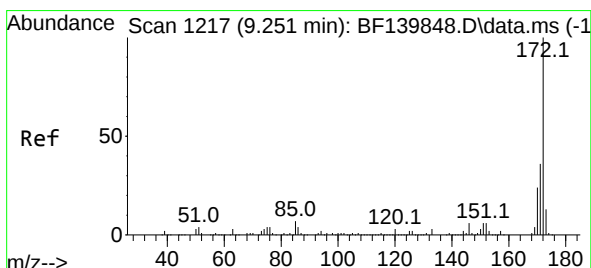
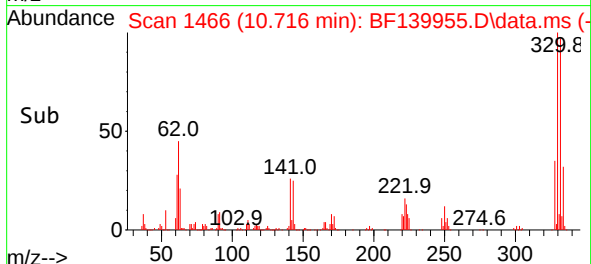
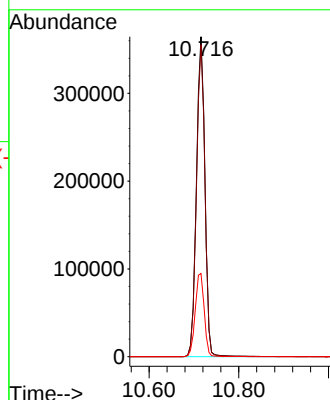
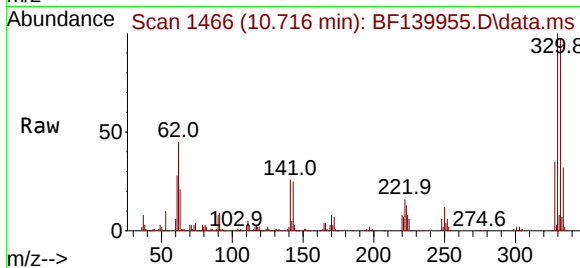
Tgt Ion:330 Resp: 478264

Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

141 27.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 85.737 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139955.D

Acq: 23 Oct 2024 10:45

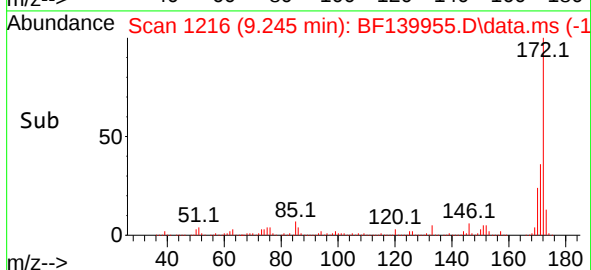
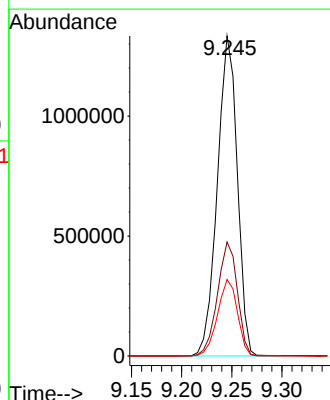
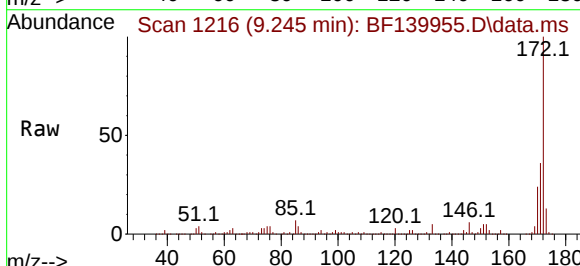
Tgt Ion:172 Resp: 1844406

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.9 19.1 28.7

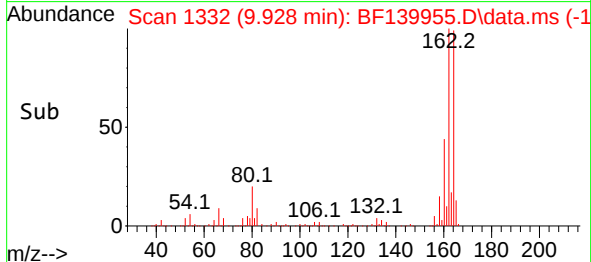
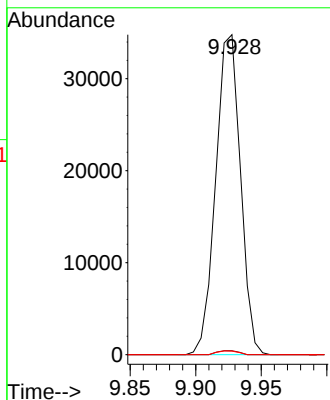
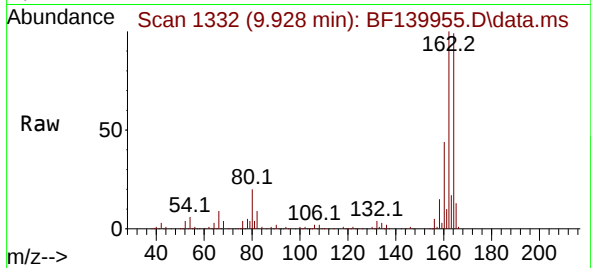




#51
2,6-Dinitrotoluene
Concen: 9.525 ng
RT: 9.928 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

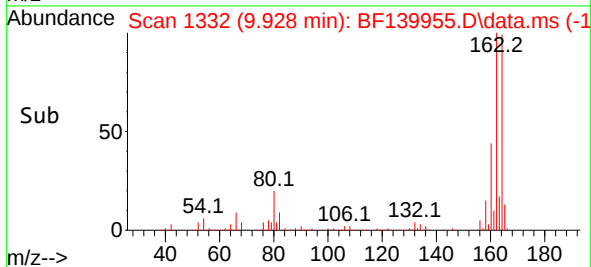
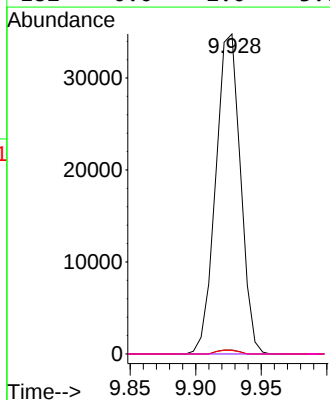
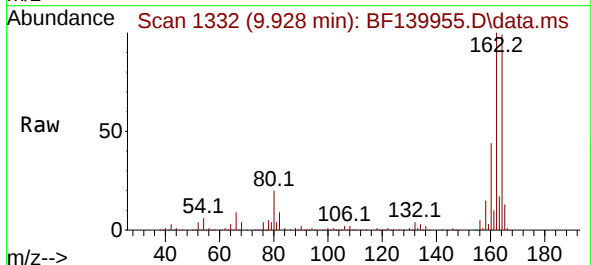
Instrument :
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PB164237BL

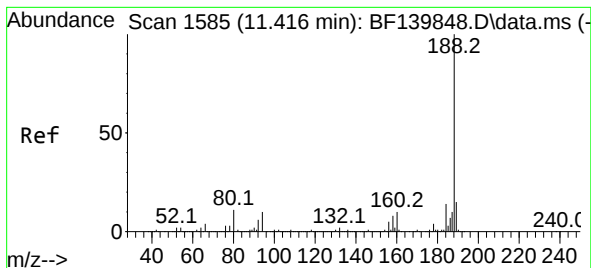
Tgt Ion:165 Resp: 45670
Ion Ratio Lower Upper
165 100
63 1.3 50.6 75.8#
89 1.1 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.745 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.182 min
Lab File: BF139955.D
Acq: 23 Oct 2024 10:45

Tgt Ion:165 Resp: 45670
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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139955.D

Acq: 23 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164237BL

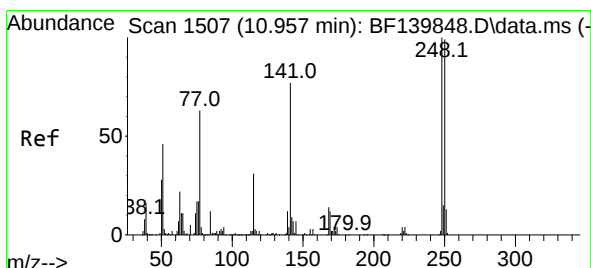
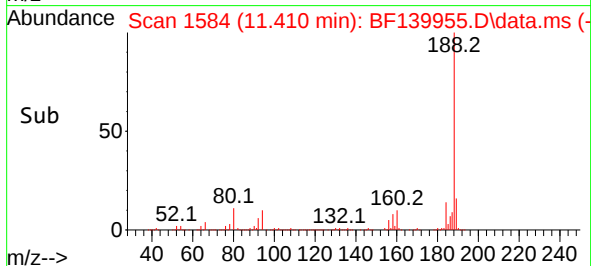
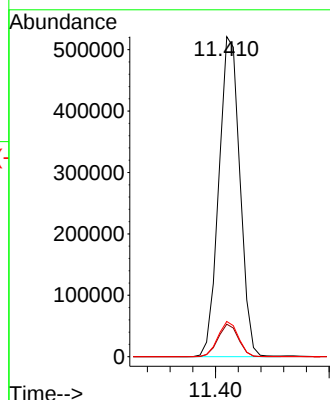
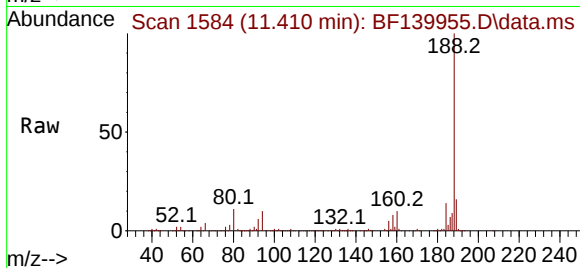
Tgt Ion:188 Resp: 670496

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: 4.455 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139955.D

Acq: 23 Oct 2024 10:45

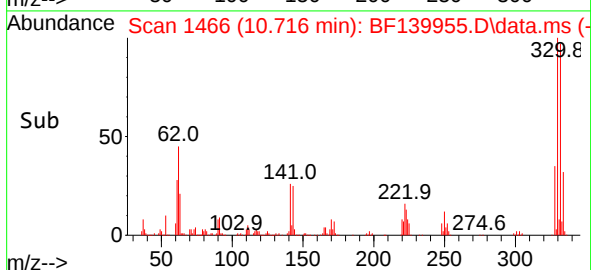
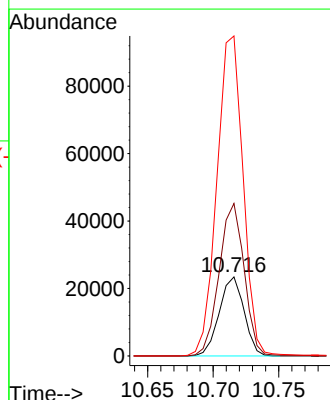
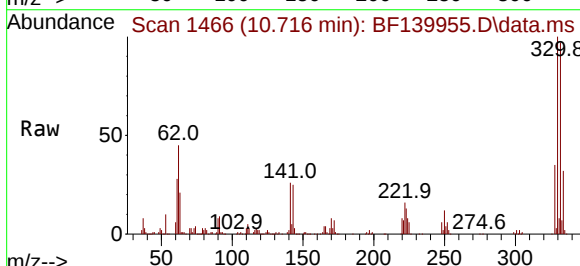
Tgt Ion:248 Resp: 30771

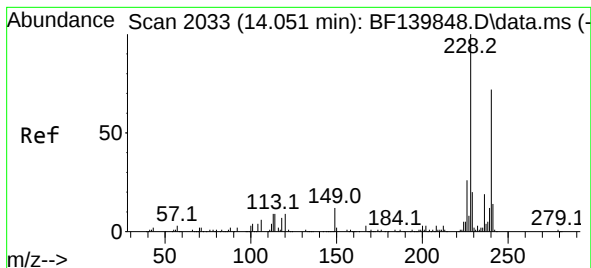
Ion Ratio Lower Upper

248 100

250 192.9 79.0 118.6#

141 405.0 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: BF139955.D

Acq: 23 Oct 2024 10:45

Instrument :

BNA_F

ClientSampleId :

PB164237BL

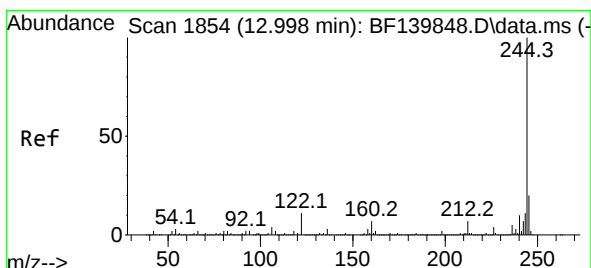
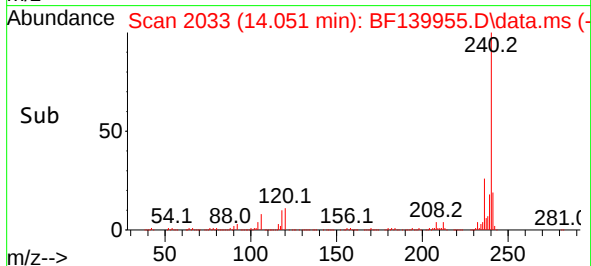
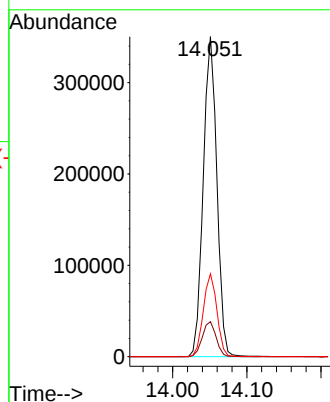
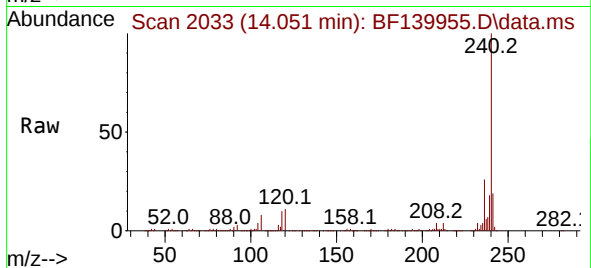
Tgt Ion:240 Resp: 446379

Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

236 25.9 20.9 31.3



#79

Terphenyl-d14

Concen: 80.177 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BF139955.D

Acq: 23 Oct 2024 10:45

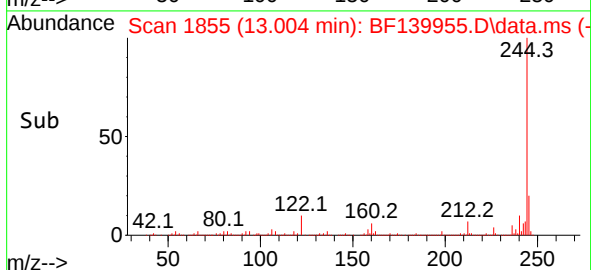
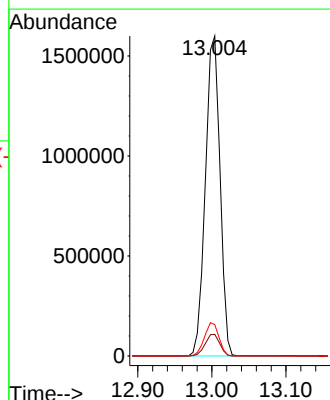
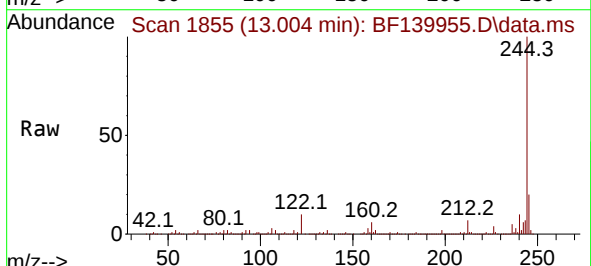
Tgt Ion:244 Resp: 2196353

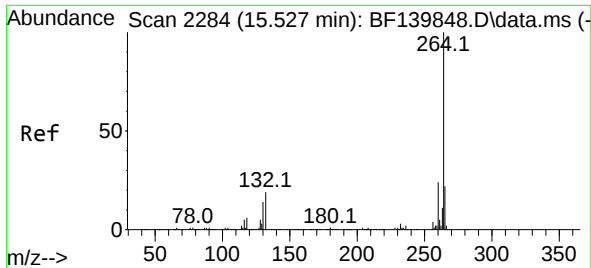
Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

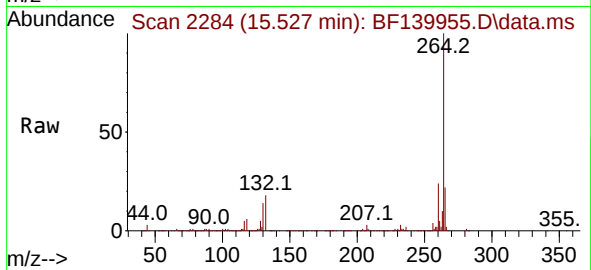
122 9.8 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139955.D
 Acq: 23 Oct 2024 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB164237BL



Tgt Ion:264	Resp:	355399
Ion	Ratio	Lower Upper
264	100	
260	23.9	19.4 29.2
265	22.0	17.4 26.0

