

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140029.D
 Acq On : 25 Oct 2024 11:14
 Operator : RC/JU
 Sample : PB164374BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164374BL

Quant Time: Oct 25 11:53:03 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)

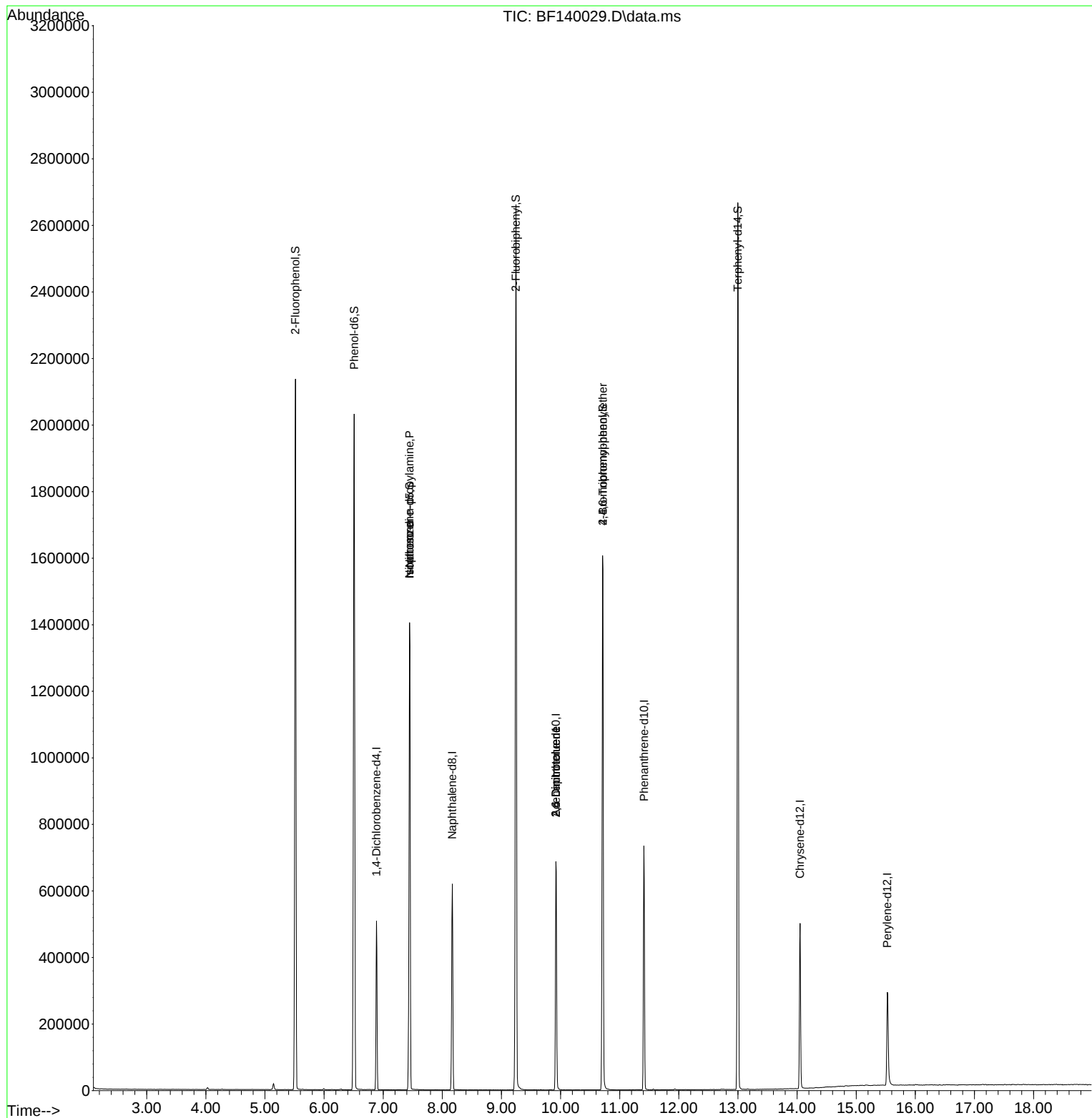
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	100466	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	385099	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	215593	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	387720	20.000	ng	0.00
76) Chrysene-d12	14.051	240	242877	20.000	ng	0.00
86) Perylene-d12	15.527	264	193127	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	814816	126.967	ng	0.02
7) Phenol-d6	6.510	99	1023107	123.091	ng	0.00
23) Nitrobenzene-d5	7.445	82	677253	97.471	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	299003	148.272	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1245914	95.510	ng	0.00
79) Terphenyl-d14	12.998	244	1362394	91.404	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	94153	18.677	ng	# 76
25) Isophorone	7.445	82	673354	51.059	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	27644	9.507	ng	# 20
57) 2,4-Dinitrotoluene	9.922	165	27644	7.731	ng	# 20
67) 4-Bromophenyl-phenylether	10.716	248	19207	4.809	ng	# 1

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

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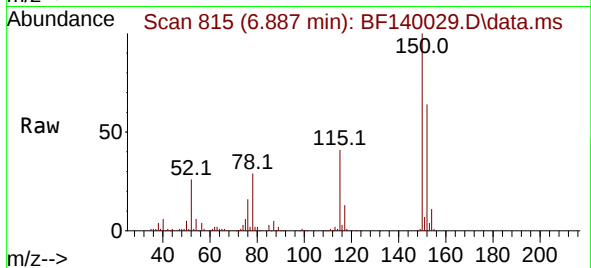
Quant Time: Oct 25 11:53:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
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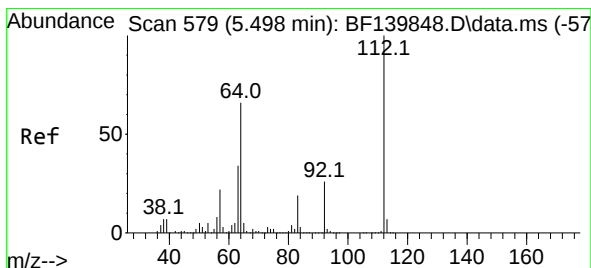
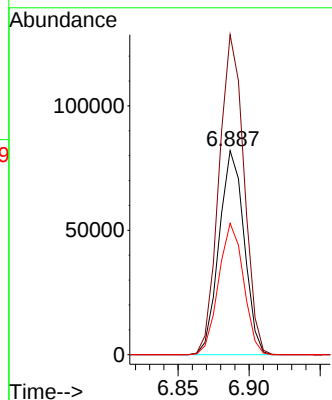
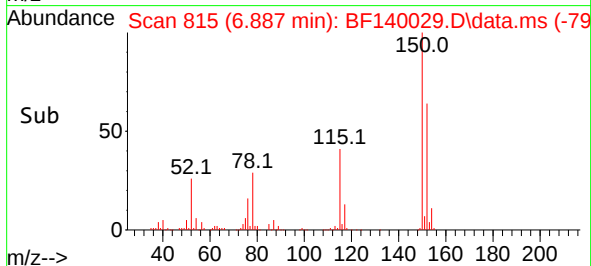


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

Instrument :
BNA_F
ClientSampleId :
PB164374BL

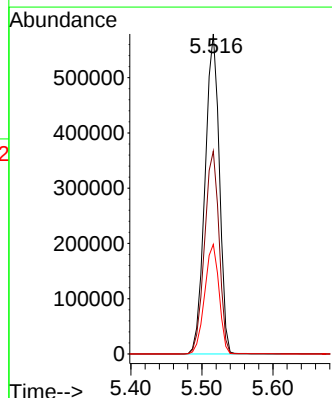
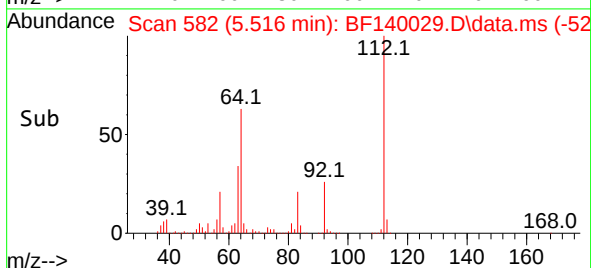
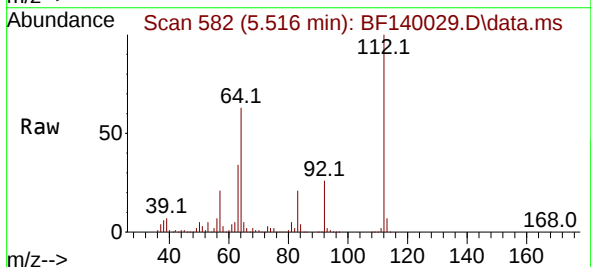


Tgt Ion:152 Resp: 100466
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 64.4 51.4 77.2



#5
2-Fluorophenol
Concen: 126.967 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

Tgt Ion:112 Resp: 814816
Ion Ratio Lower Upper
112 100
64 63.4 53.0 79.6
63 34.2 27.0 40.4





#7
Phenol-d6
Concen: 123.091 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

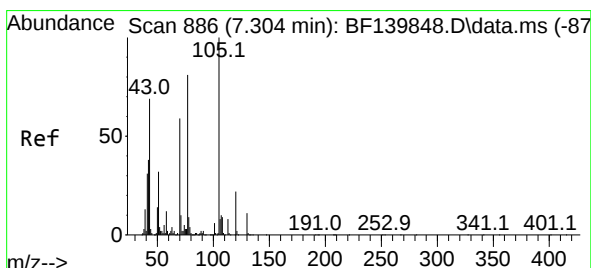
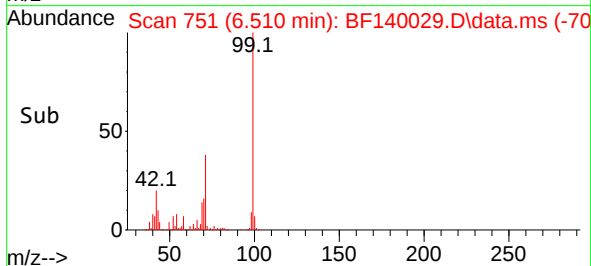
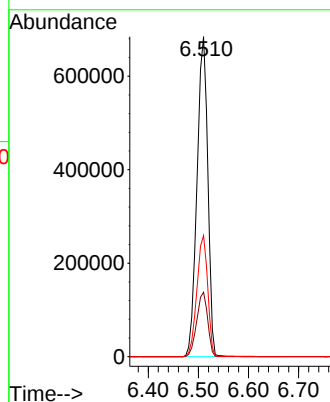
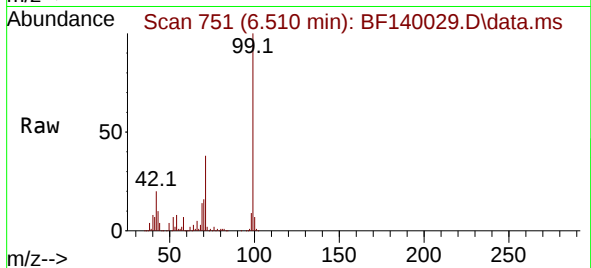
Instrument :

BNA_F

ClientSampleId :

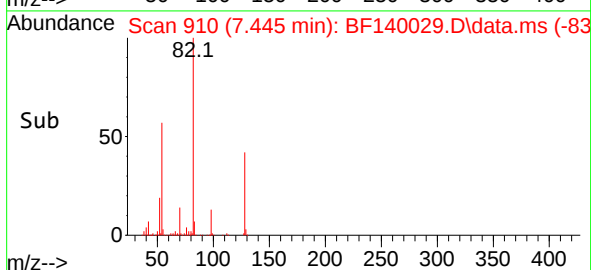
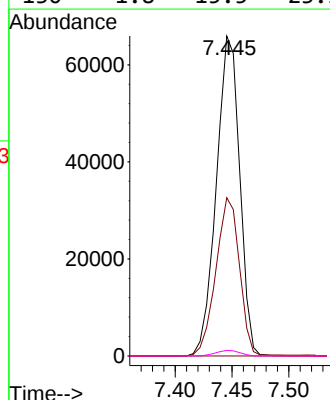
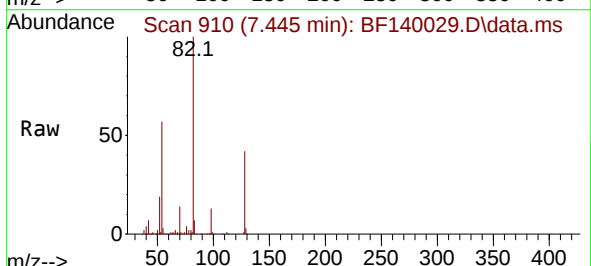
PB164374BL

Tgt Ion: 99 Resp: 1023107
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 37.9 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.677 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

Tgt Ion: 70 Resp: 94153
Ion Ratio Lower Upper
70 100
42 49.4 51.5 77.3#
101 0.0 7.5 11.3#
130 1.8 15.5 23.3#

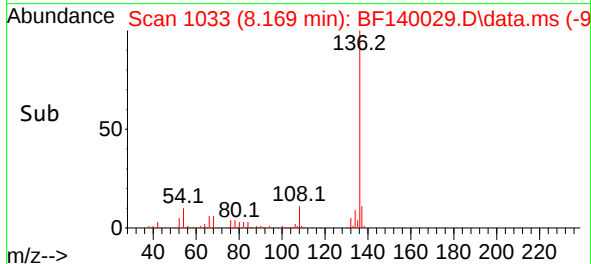
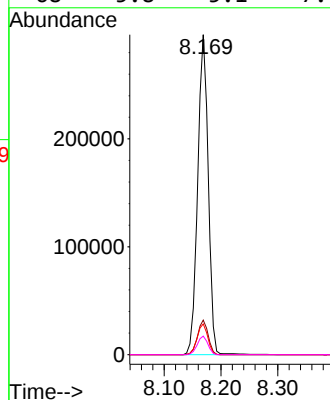
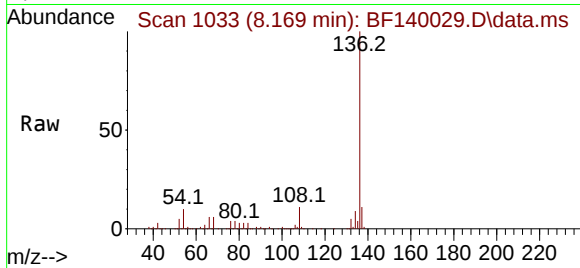




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

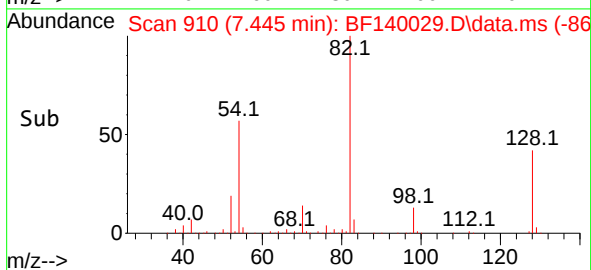
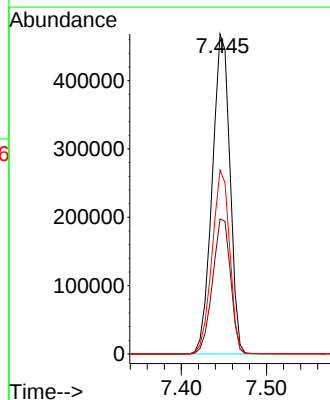
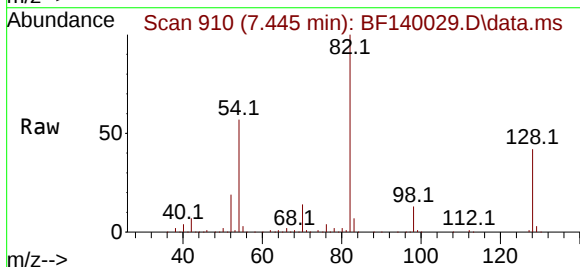
Instrument :
BNA_F
ClientSampleId :
PB164374BL

Tgt Ion:	136	Resp:	385099
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.6	8.4	12.6
68	5.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 97.471 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

Tgt Ion:	82	Resp:	677253
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.0
54	57.4	47.8	71.8

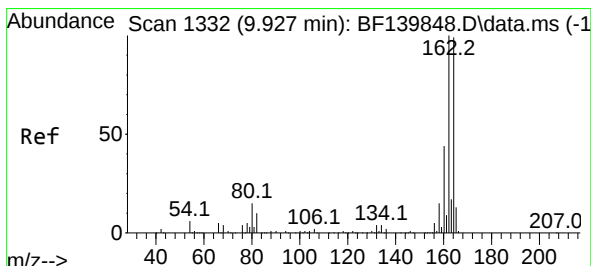
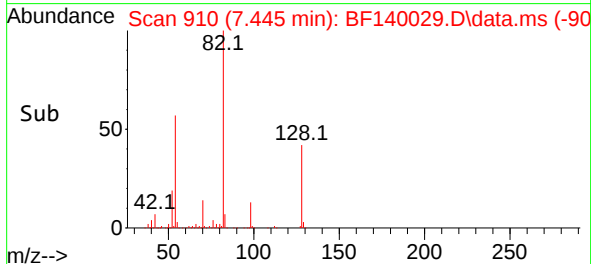
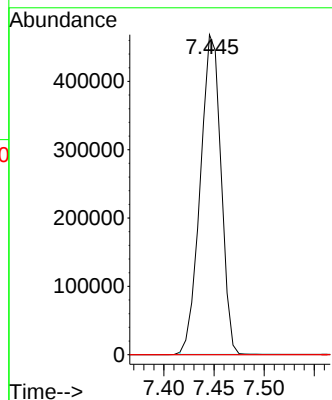
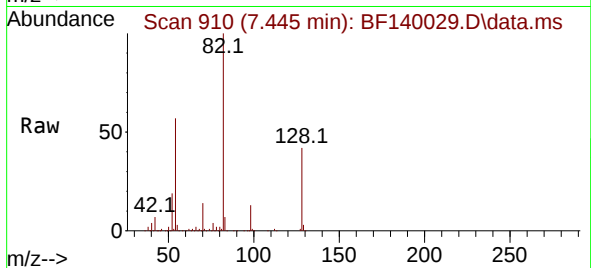




#25
Isophorone
Concen: 51.059 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

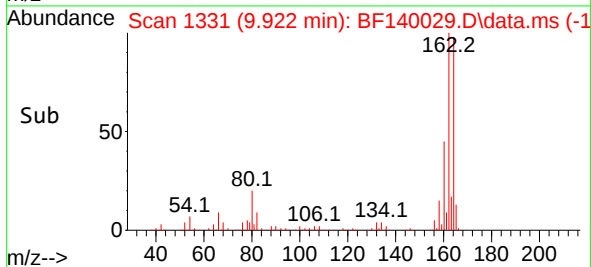
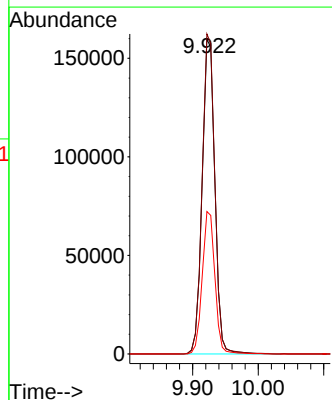
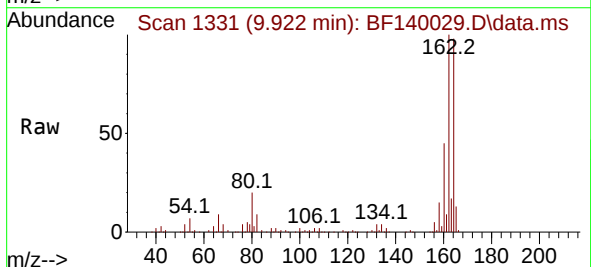
Instrument :
BNA_F
ClientSampleId :
PB164374BL

Tgt Ion: 82 Resp: 673354
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: BF140029.D
Acq: 25 Oct 2024 11:14

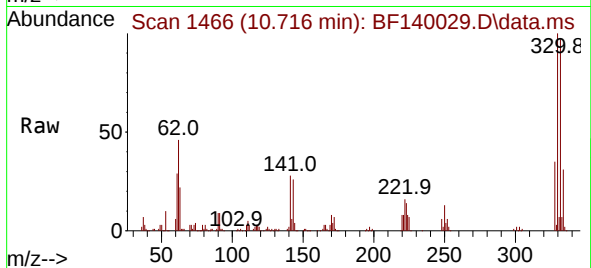
Tgt Ion: 164 Resp: 215593
Ion Ratio Lower Upper
164 100
162 101.6 81.0 121.4
160 45.3 35.4 53.0



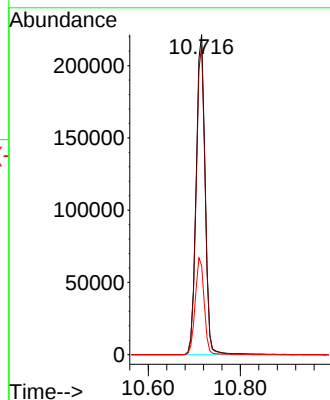
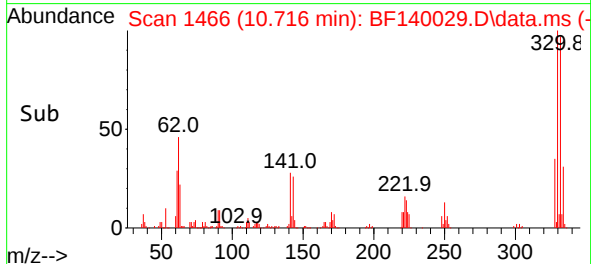


#42
2,4,6-Tribromophenol
Concen: 148.272 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

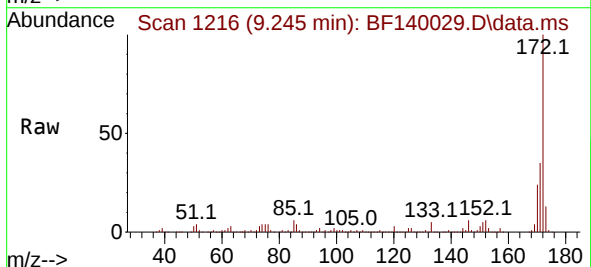
Instrument :
BNA_F
ClientSampleId :
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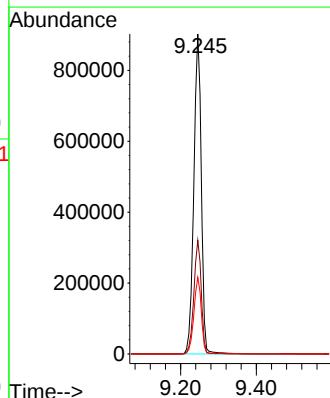
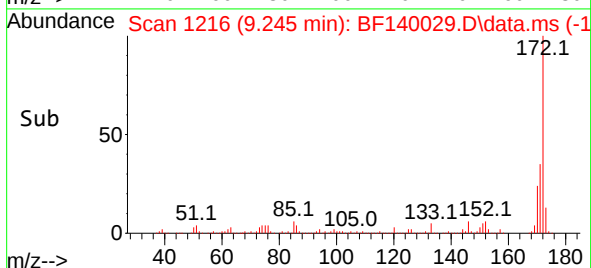
Tgt Ion:330 Resp: 299003
Ion Ratio Lower Upper
330 100
332 96.1 78.1 117.1
141 30.3 26.6 39.8

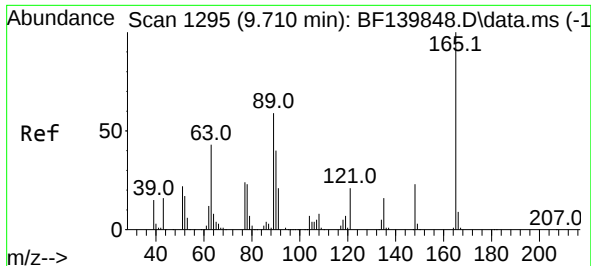


#45
2-Fluorobiphenyl
Concen: 95.510 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14



Tgt Ion:172 Resp: 1245914
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.9 19.1 28.7

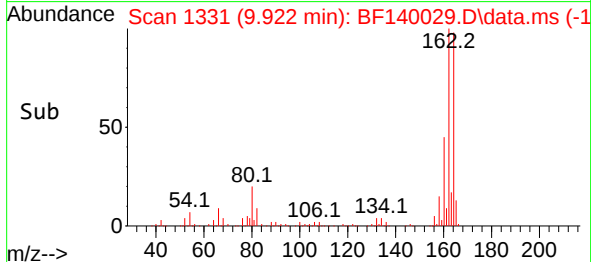
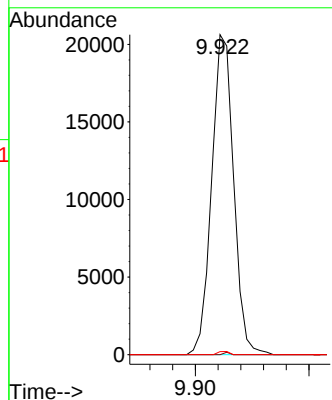
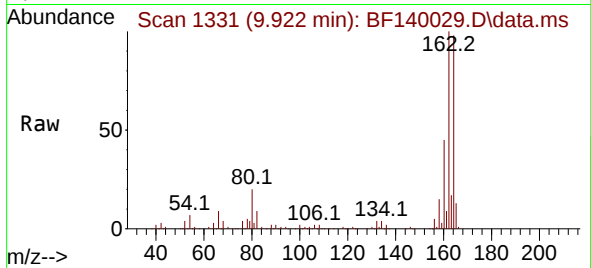




#51
2,6-Dinitrotoluene
Concen: 9.507 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

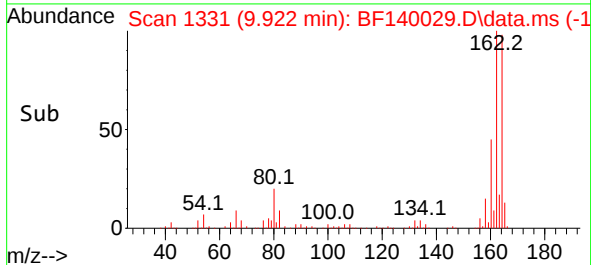
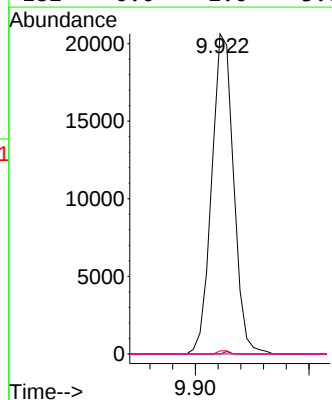
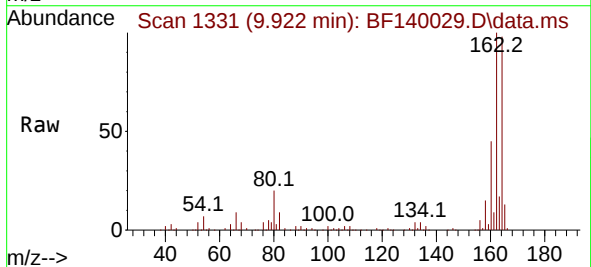
Instrument :
BNA_F
ClientSampleId :
PB164374BL

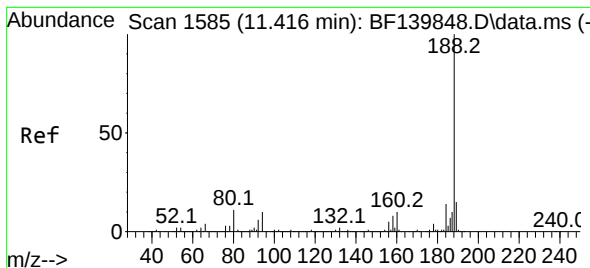
Tgt Ion:165 Resp: 27644
Ion Ratio Lower Upper
165 100
63 0.0 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.731 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140029.D
Acq: 25 Oct 2024 11:14

Tgt Ion:165 Resp: 27644
Ion Ratio Lower Upper
165 100
63 0.0 40.1 60.1#
89 1.0 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: BF140029.D

Acq: 25 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164374BL

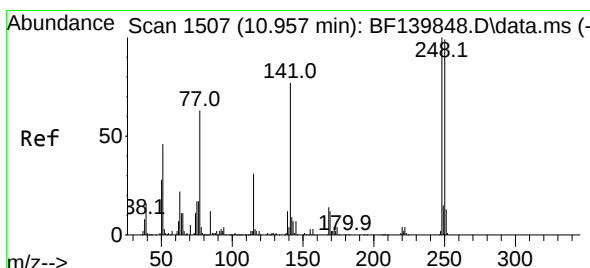
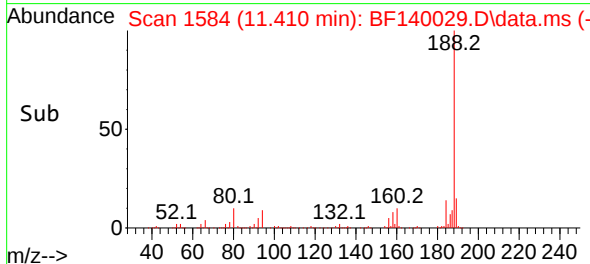
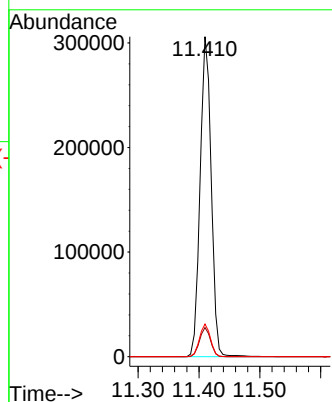
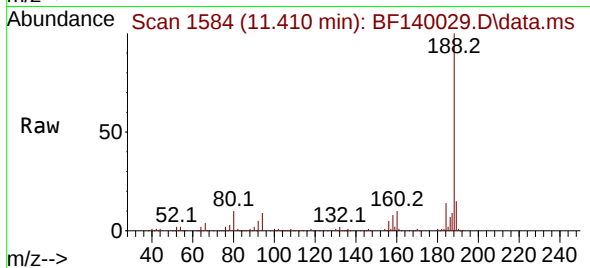
Tgt Ion:188 Resp: 387720

Ion Ratio Lower Upper

188 100

94 9.1 7.9 11.9

80 10.2 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 4.809 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF140029.D

Acq: 25 Oct 2024 11:14

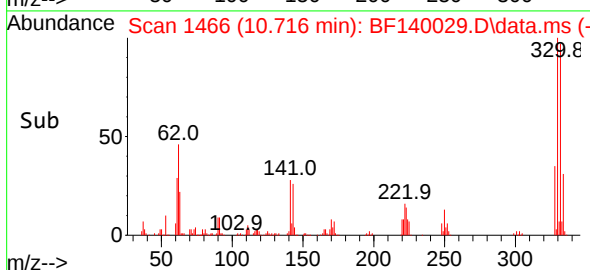
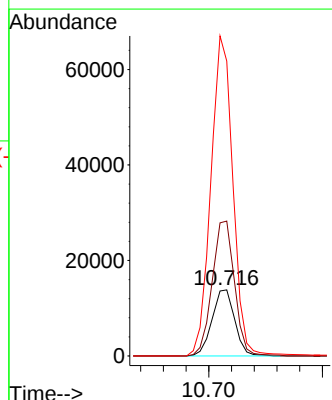
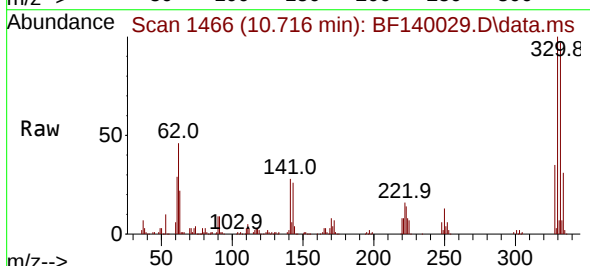
Tgt Ion:248 Resp: 19207

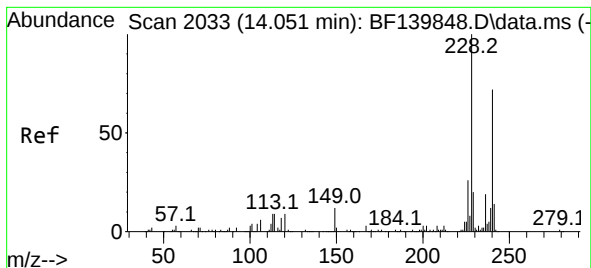
Ion Ratio Lower Upper

248 100

250 203.9 79.0 118.6#

141 445.8 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: BF140029.D

Acq: 25 Oct 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB164374BL

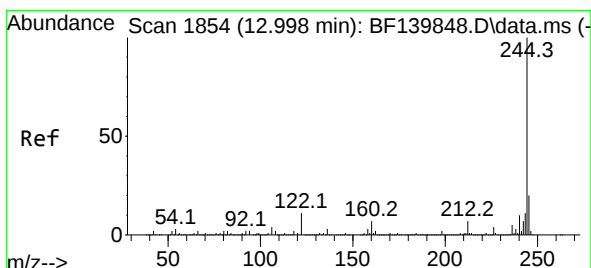
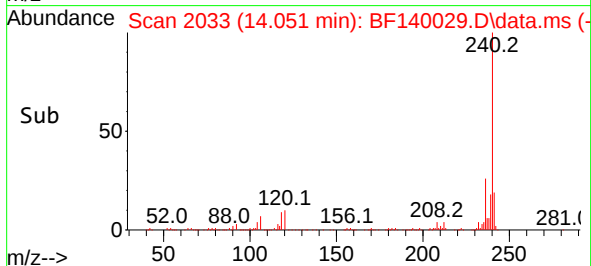
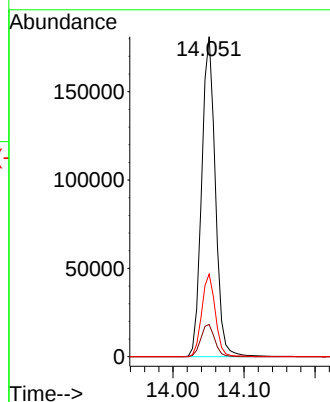
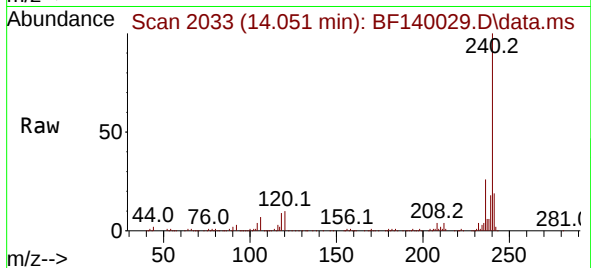
Tgt Ion:240 Resp: 242877

Ion Ratio Lower Upper

240 100

120 10.1 9.4 14.2

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 91.404 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140029.D

Acq: 25 Oct 2024 11:14

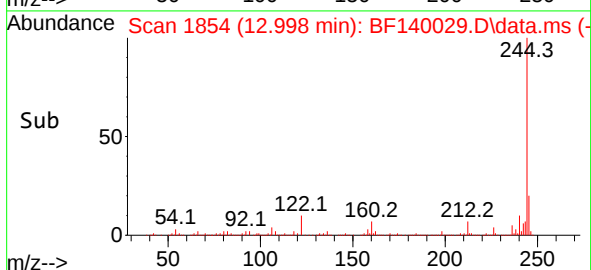
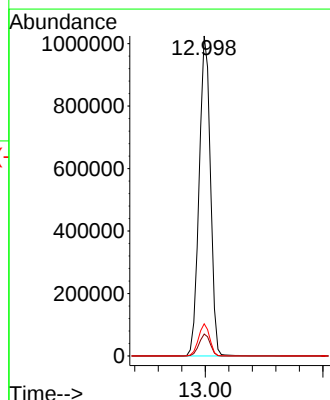
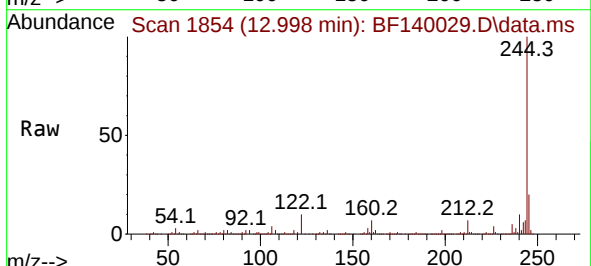
Tgt Ion:244 Resp: 1362394

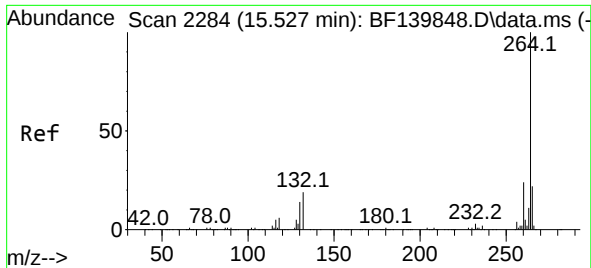
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.0 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: BF140029.D
 Acq: 25 Oct 2024 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB164374BL

Tgt Ion:264 Resp: 193127
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.7 17.4 26.0

