

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140038.D
 Acq On : 25 Oct 2024 15:32
 Operator : RC/JU
 Sample : P4467-01RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Oct 25 15:56:21 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)

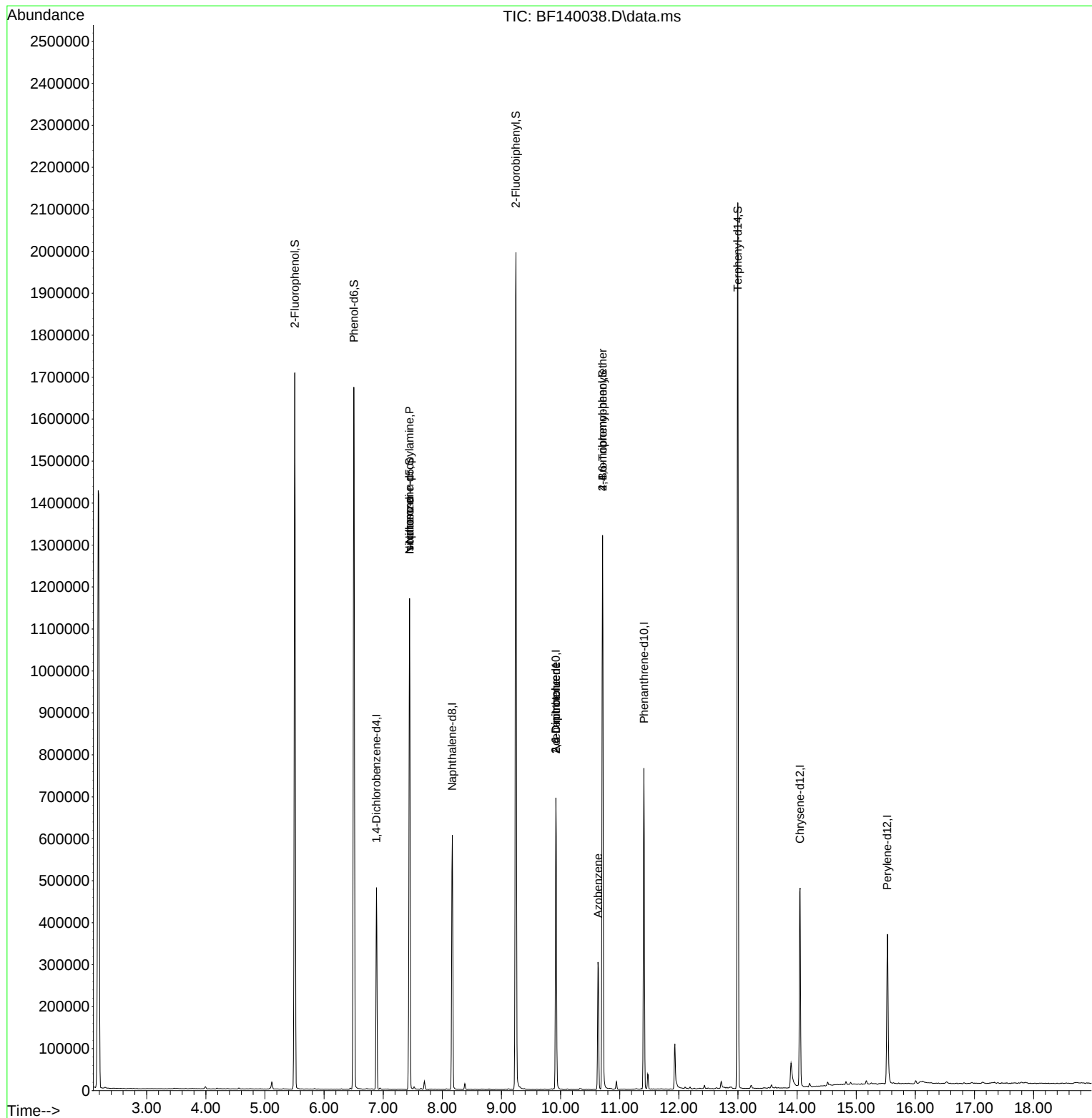
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	95035	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	367411	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	211186	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	397907	20.000	ng	0.00
76) Chrysene-d12	14.051	240	234920	20.000	ng	# 0.00
86) Perylene-d12	15.527	264	228145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	618819	101.937	ng	0.00
7) Phenol-d6	6.504	99	785076	99.851	ng	0.00
23) Nitrobenzene-d5	7.445	82	518827	78.265	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	230835	116.857	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	929368	72.730	ng	0.00
79) Terphenyl-d14	12.998	244	1058730	73.437	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	69660	14.608	ng	# 77
25) Isophorone	7.445	82	515773	40.993	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	27087	9.510	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	27082	7.732	ng	# 21
63) Azobenzene	10.633	77	79953	5.839	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	14873	3.628	ng	# 1

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

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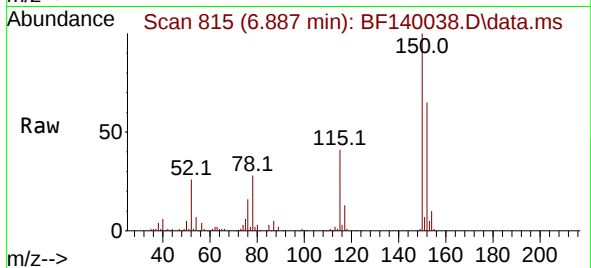
Quant Time: Oct 25 15:56:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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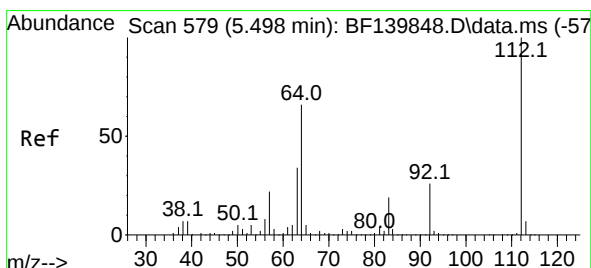
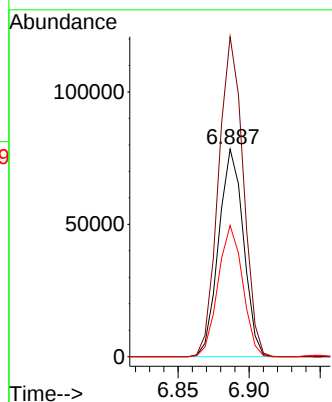
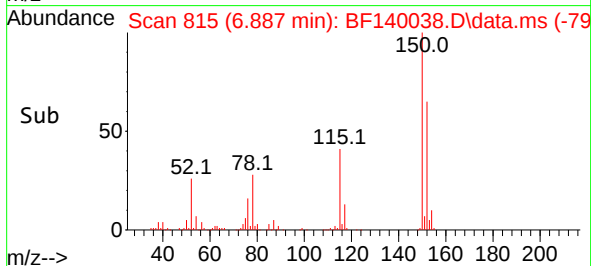


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

Instrument :
BNA_F
ClientSampleId :
TP-1

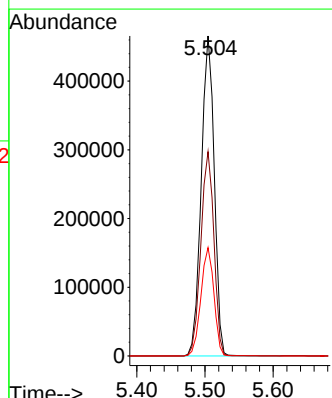
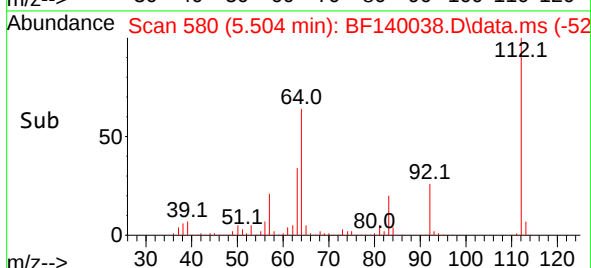
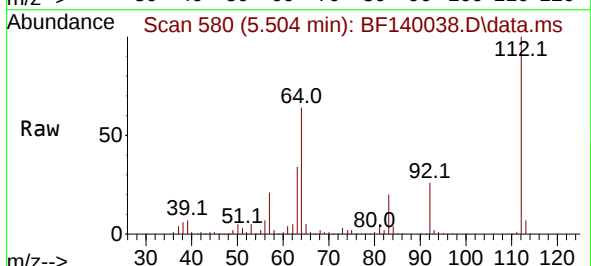


Tgt Ion:152 Resp: 95035
Ion Ratio Lower Upper
152 100
150 154.2 130.2 195.2
115 63.2 51.4 77.2



#5
2-Fluorophenol
Concen: 101.937 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

Tgt Ion:112 Resp: 618819
Ion Ratio Lower Upper
112 100
64 63.8 53.0 79.6
63 33.8 27.0 40.4

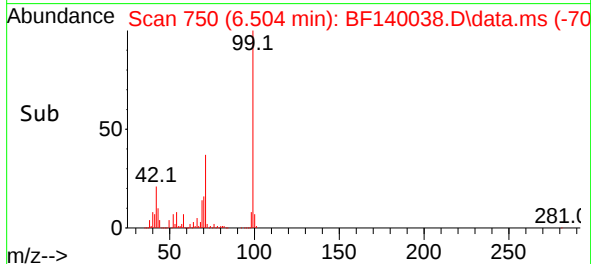
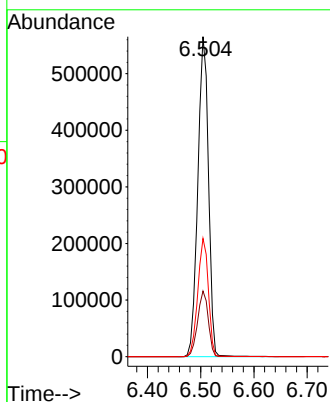
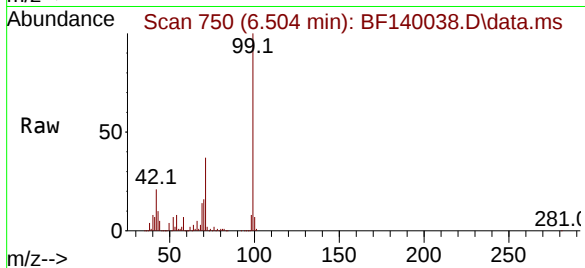




#7
Phenol-d6
Concen: 99.851 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

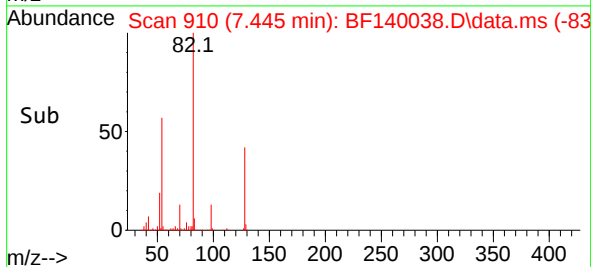
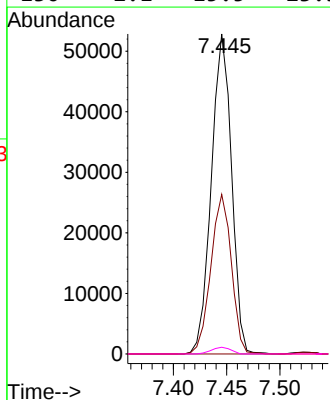
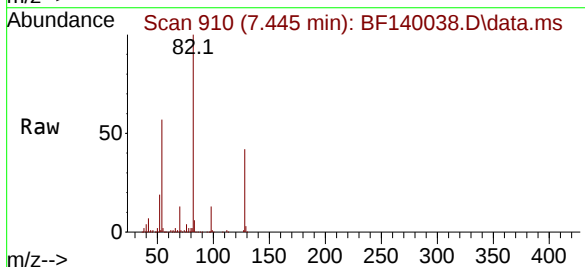
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 785076
Ion Ratio Lower Upper
99 100
42 20.5 16.7 25.1
71 37.0 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.608 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

Tgt Ion: 70 Resp: 69660
Ion Ratio Lower Upper
70 100
42 49.9 51.5 77.3#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



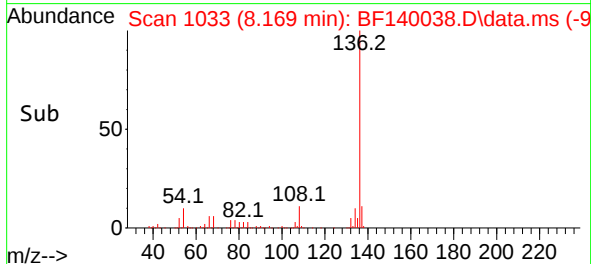
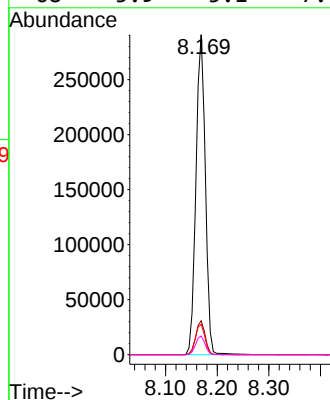
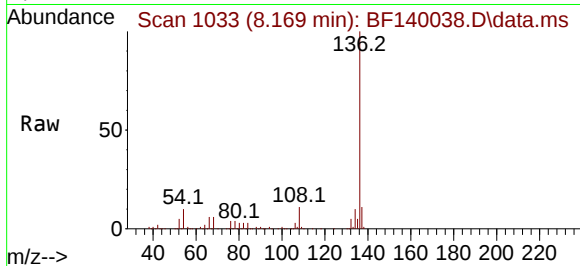


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 367411

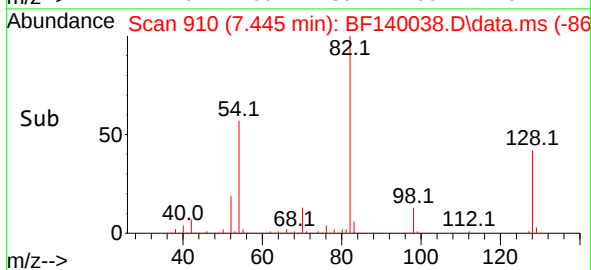
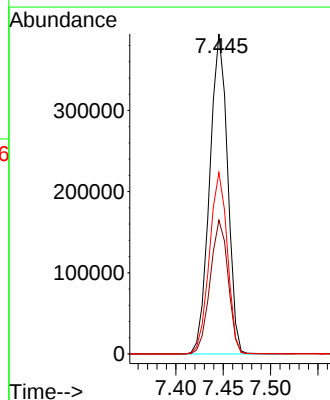
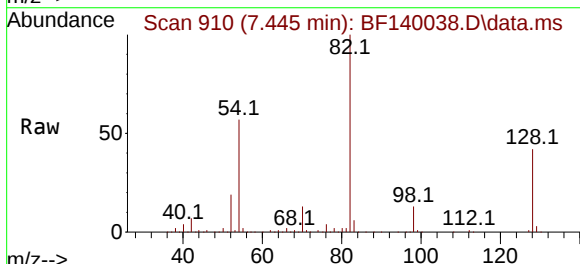
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	9.5	8.4	12.6
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 78.265 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

Tgt Ion: 82 Resp: 518827

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.4	50.0
54	56.7	47.8	71.8

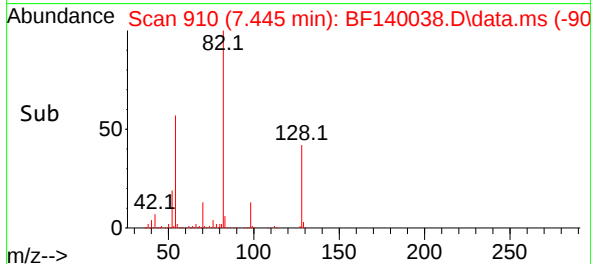
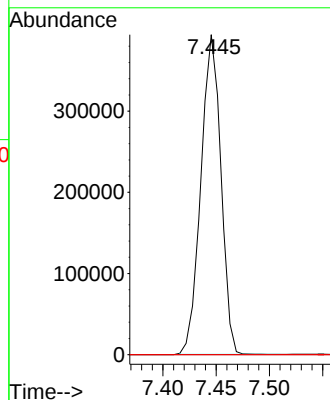
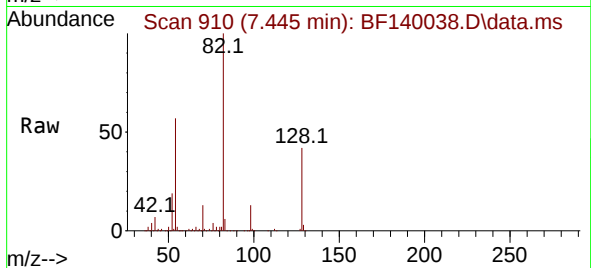




#25
Isophorone
Concen: 40.993 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

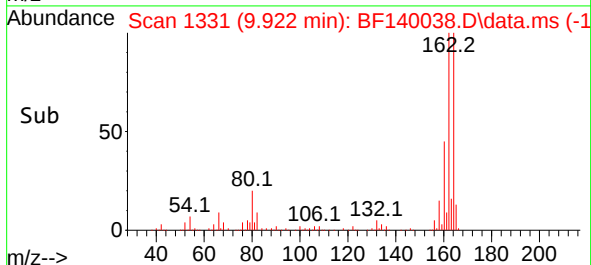
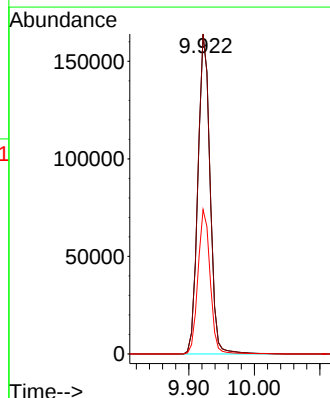
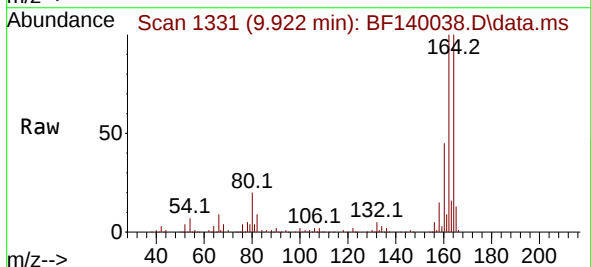
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 515773
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: BF140038.D
Acq: 25 Oct 2024 15:32

Tgt Ion: 164 Resp: 211186
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 45.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 116.857 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140038.D

Acq: 25 Oct 2024 15:32

Instrument :

BNA_F

ClientSampleId :

TP-1

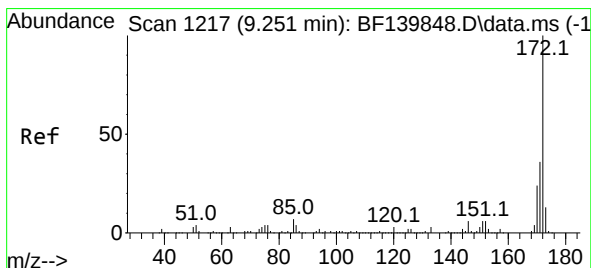
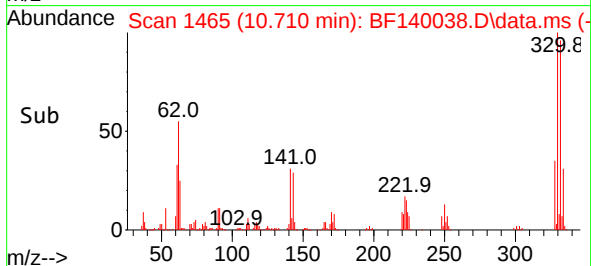
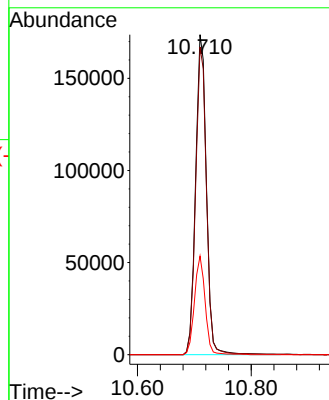
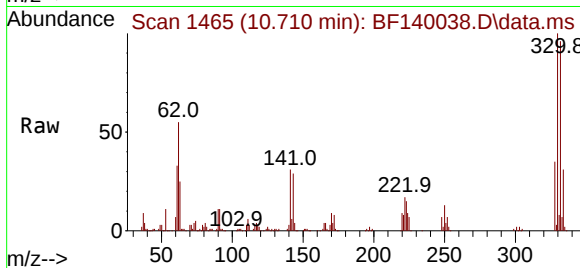
Tgt Ion:330 Resp: 230835

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 30.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 72.730 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140038.D

Acq: 25 Oct 2024 15:32

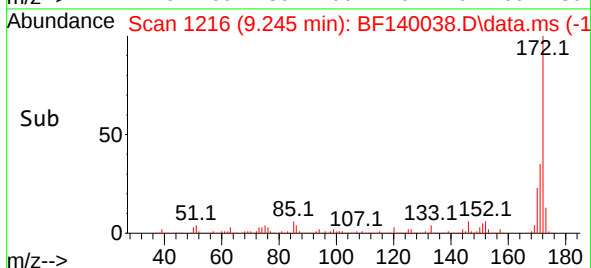
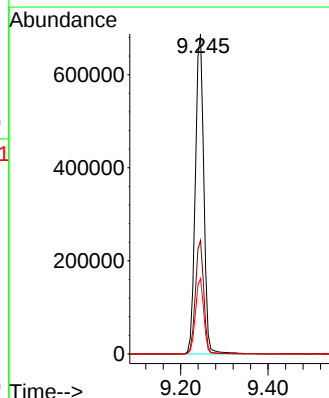
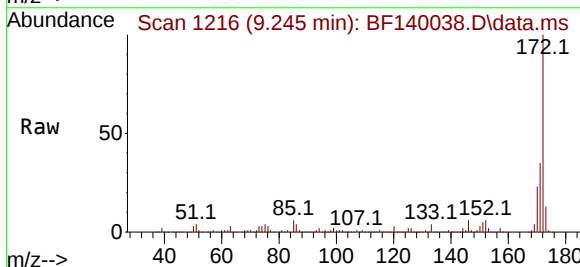
Tgt Ion:172 Resp: 929368

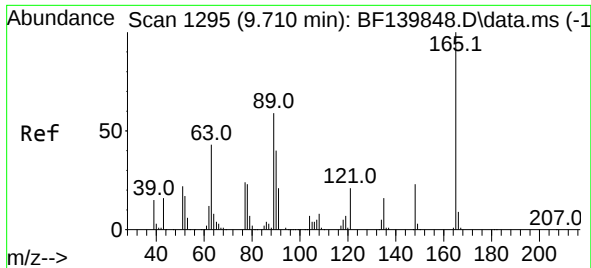
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.5 19.1 28.7

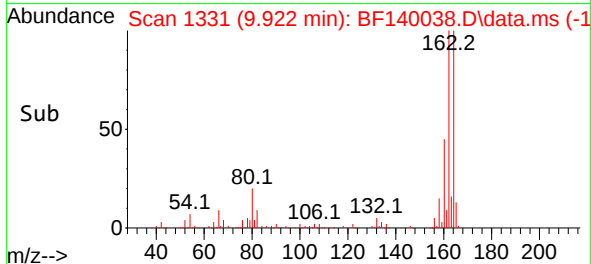
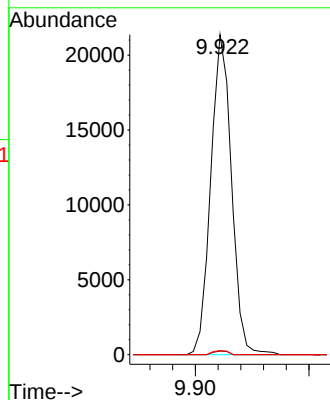
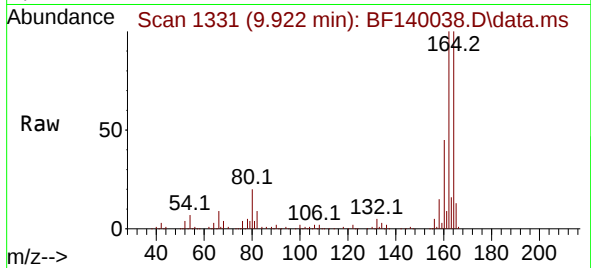




#51
2,6-Dinitrotoluene
Concen: 9.510 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.212 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

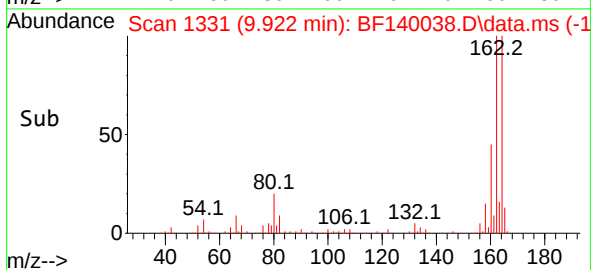
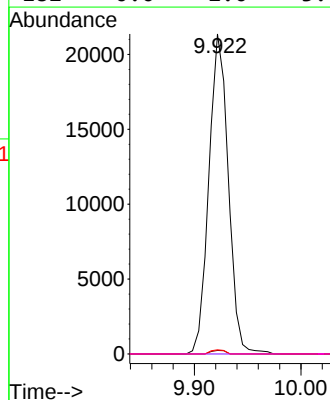
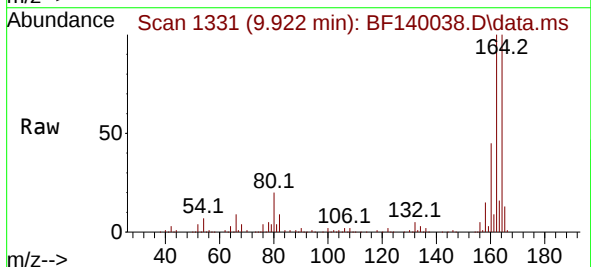
Instrument :
BNA_F
ClientSampleId :
TP-1

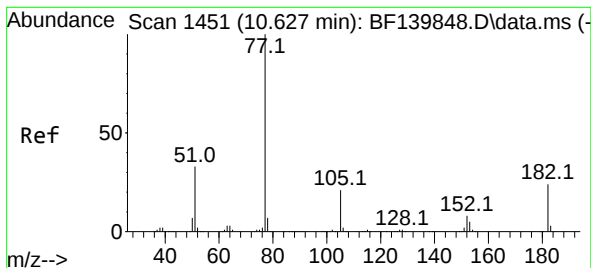
Tgt Ion:165 Resp: 27087
Ion Ratio Lower Upper
165 100
63 1.1 50.6 75.8#
89 1.3 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.732 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

Tgt Ion:165 Resp: 27082
Ion Ratio Lower Upper
165 100
63 1.1 40.1 60.1#
89 1.3 60.4 90.6#
182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 5.839 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF140038.D

Acq: 25 Oct 2024 15:32

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion: 77 Resp: 79953

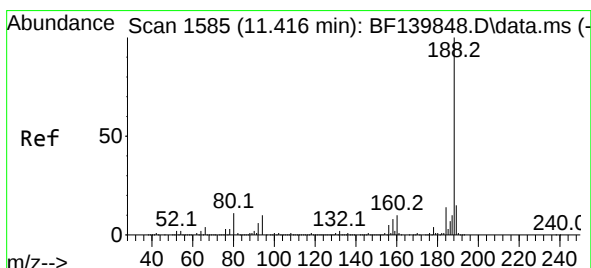
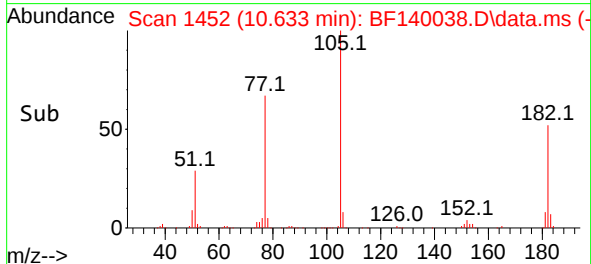
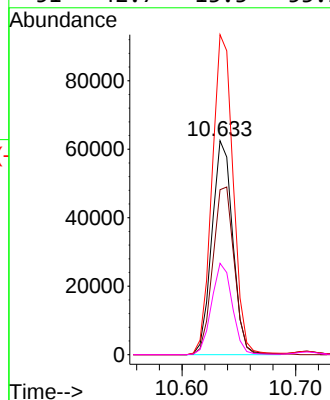
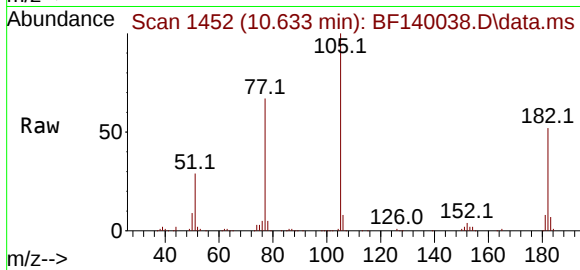
Ion Ratio Lower Upper

77 100

182 77.1 3.3 43.3#

105 149.6 1.2 41.2#

51 42.7 13.3 53.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140038.D

Acq: 25 Oct 2024 15:32

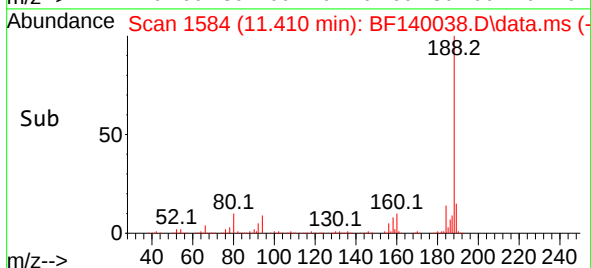
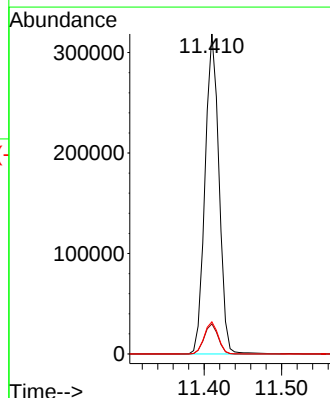
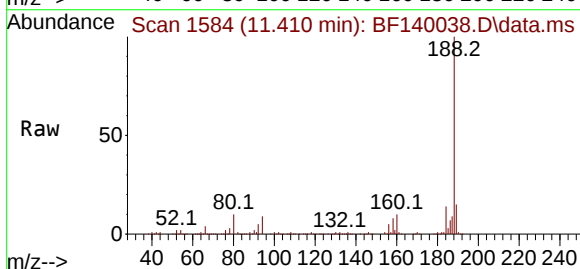
Tgt Ion: 188 Resp: 397907

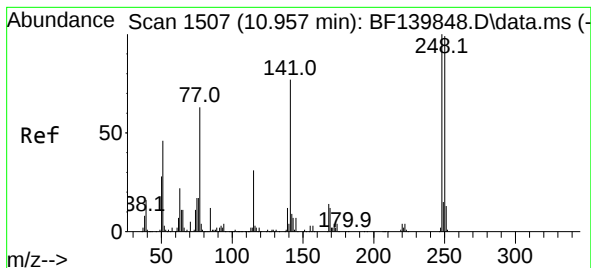
Ion Ratio Lower Upper

188 100

94 9.4 7.9 11.9

80 10.1 9.0 13.4

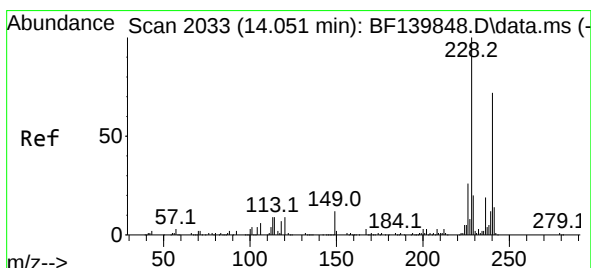
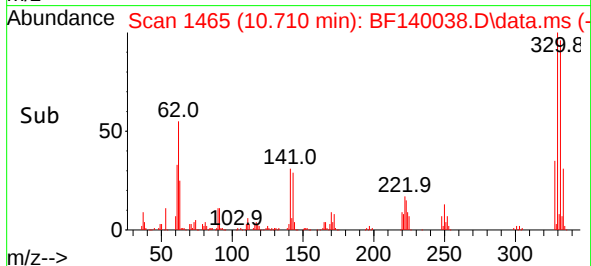
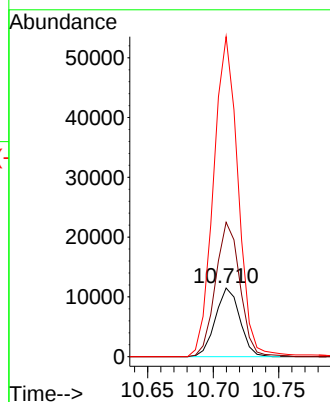
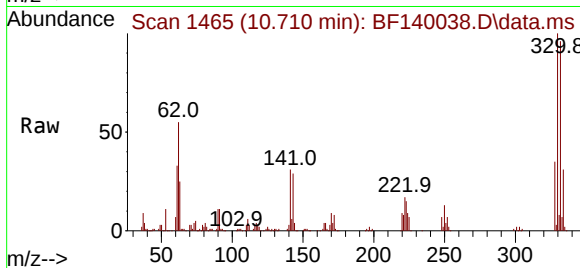




#67
4-Bromophenyl-phenylether
Concen: 3.628 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

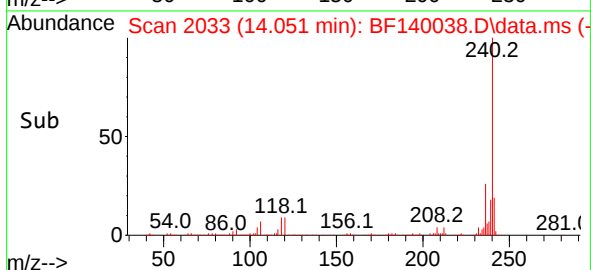
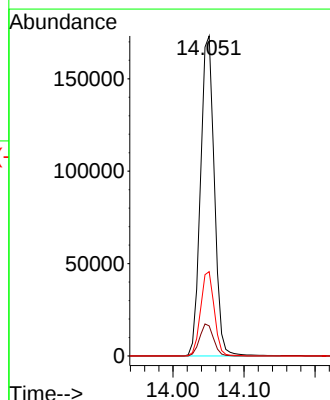
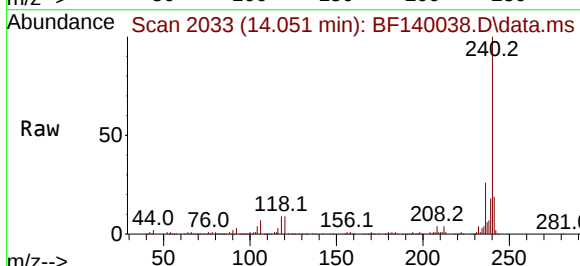
Instrument :
BNA_F
ClientSampleId :
TP-1

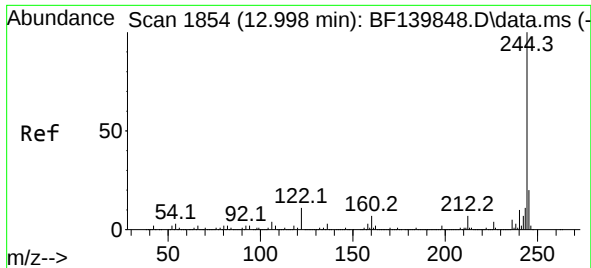
Tgt Ion:248 Resp: 14873
Ion Ratio Lower Upper
248 100
250 195.9 79.0 118.6#
141 466.7 61.7 92.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140038.D
Acq: 25 Oct 2024 15:32

Tgt Ion:240 Resp: 234920
Ion Ratio Lower Upper
240 100
120 9.4 9.4 14.2#
236 26.4 20.9 31.3

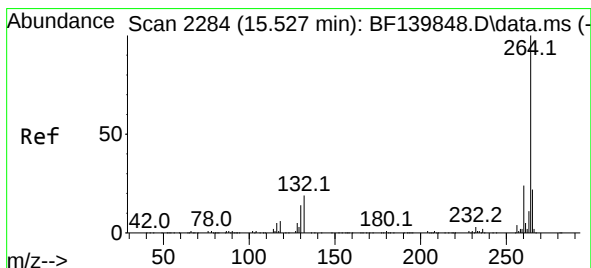
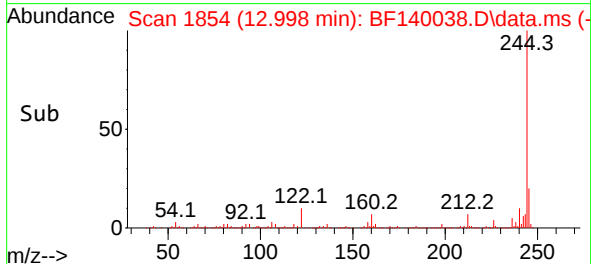
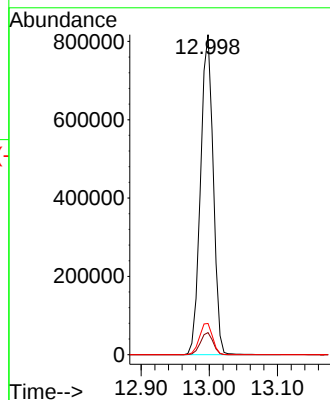
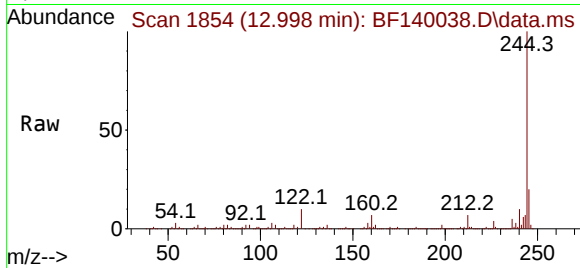




#79
 Terphenyl-d14
 Concen: 73.437 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140038.D
 Acq: 25 Oct 2024 15:32

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1058730
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.7 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF140038.D
 Acq: 25 Oct 2024 15:32

Tgt Ion:264 Resp: 228145
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.2 17.4 26.0

