

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139933.D
 Acq On : 22 Oct 2024 17:29
 Operator : RC/JU
 Sample : P4458-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 280517

Quant Time: Oct 22 18:01:41 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)

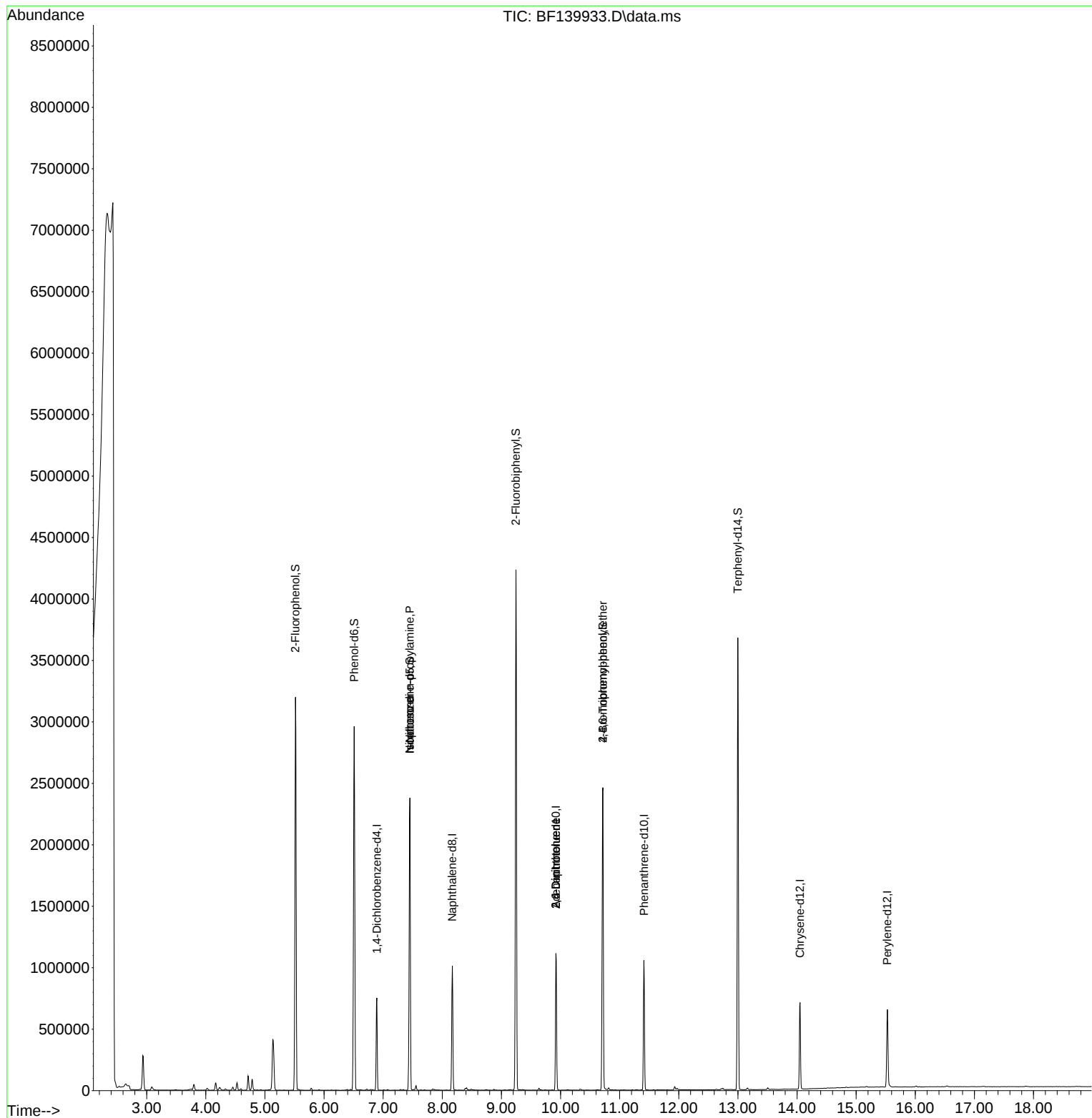
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	153847	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	601143	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	337857	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	547874	20.000	ng	0.00
76) Chrysene-d12	14.051	240	340381	20.000	ng	0.00
86) Perylene-d12	15.527	264	368693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1244571	126.643	ng	0.02
7) Phenol-d6	6.510	99	1471805	115.634	ng	0.00
23) Nitrobenzene-d5	7.451	82	1109517	102.294	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	466714	147.685	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1903656	93.121	ng	0.00
79) Terphenyl-d14	12.998	244	1840114	88.090	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	149829	19.409	ng	# 76
25) Isophorone	7.451	82	1107047	53.776	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	43266	9.495	ng	# 21
57) 2,4-Dinitrotoluene	9.922	165	43266	7.721	ng	# 21
67) 4-Bromophenyl-phenylether	10.716	248	29020	5.142	ng	# 1

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

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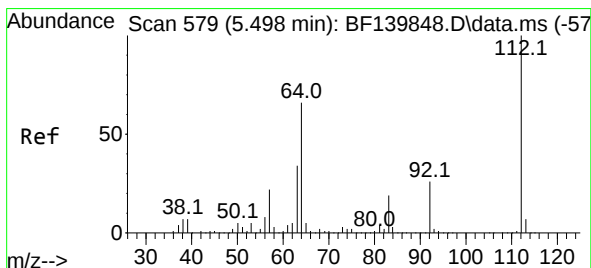
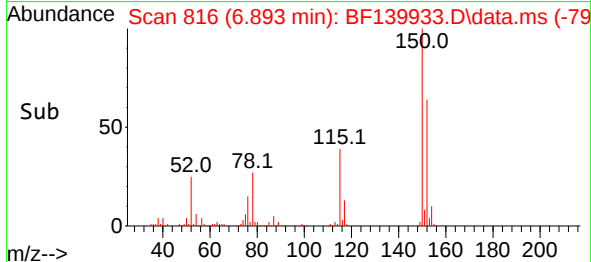
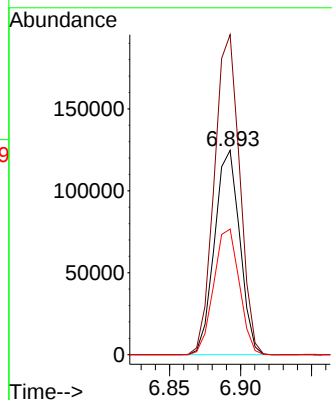
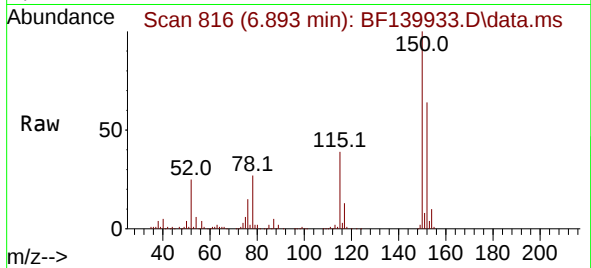




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

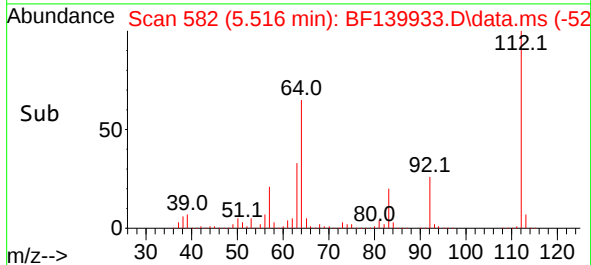
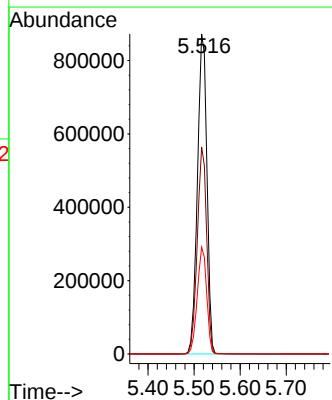
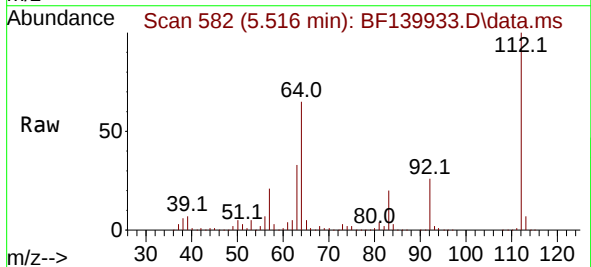
Instrument :
BNA_F
ClientSampleId :
280517

Tgt Ion:152 Resp: 153847
Ion Ratio Lower Upper
152 100
150 156.7 130.2 195.2
115 61.5 51.4 77.2



#5
2-Fluorophenol
Concen: 126.643 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

Tgt Ion:112 Resp: 1244571
Ion Ratio Lower Upper
112 100
64 64.7 53.0 79.6
63 33.4 27.0 40.4

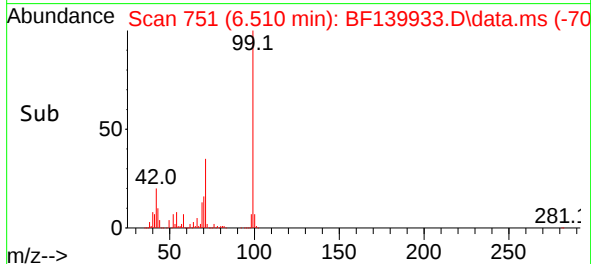
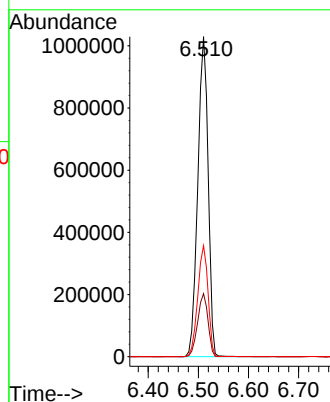
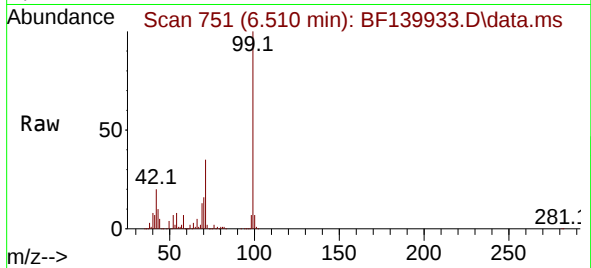




#7
Phenol-d6
Concen: 115.634 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

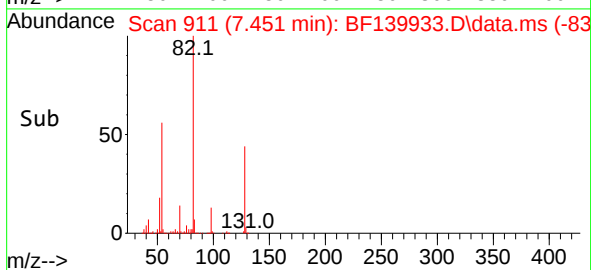
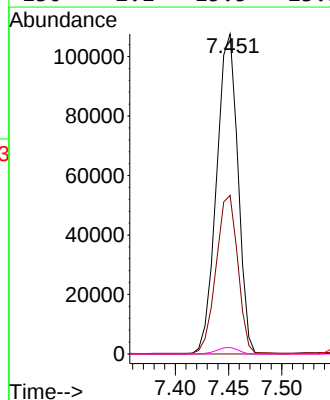
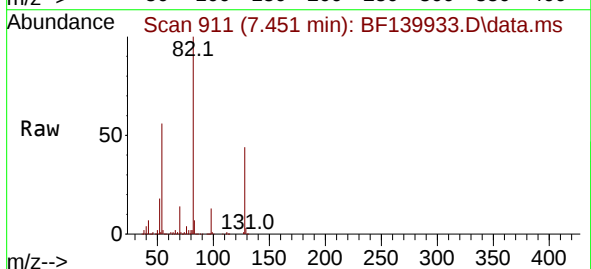
Instrument :
BNA_F
ClientSampleId :
280517

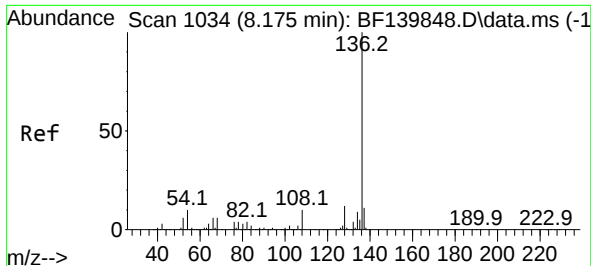
Tgt Ion: 99 Resp: 1471805
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 34.7 27.7 41.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.409 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

Tgt Ion: 70 Resp: 149829
Ion Ratio Lower Upper
70 100
42 49.6 51.5 77.3#
101 0.0 7.5 11.3#
130 2.1 15.5 23.3#



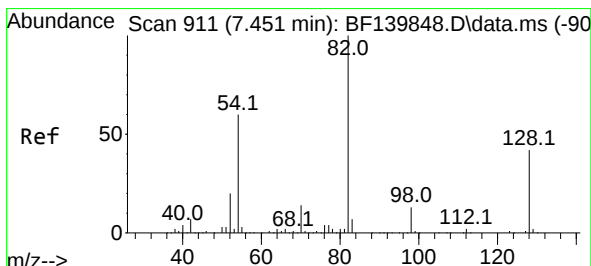
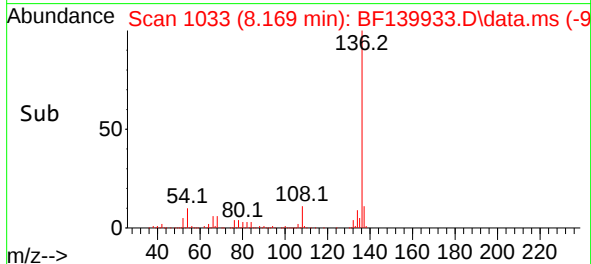
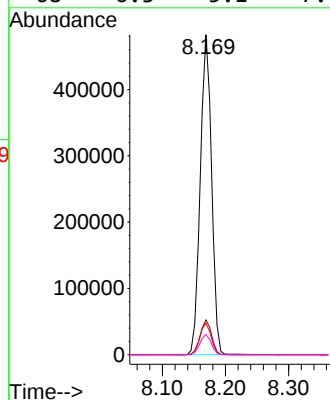
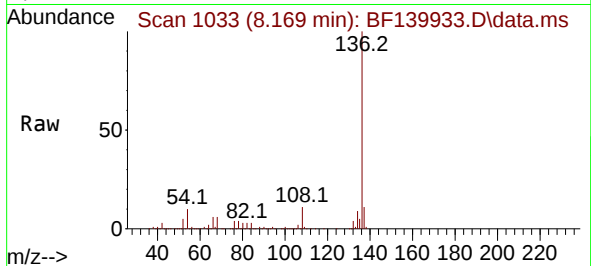


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

Instrument :
BNA_F
ClientSampleId :
280517

Tgt Ion:136 Resp: 601143

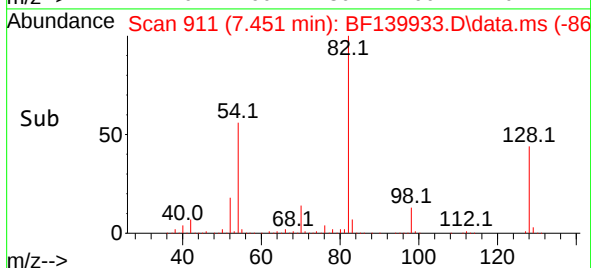
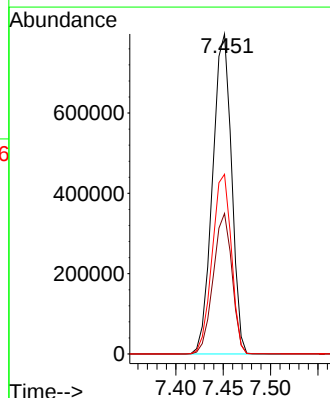
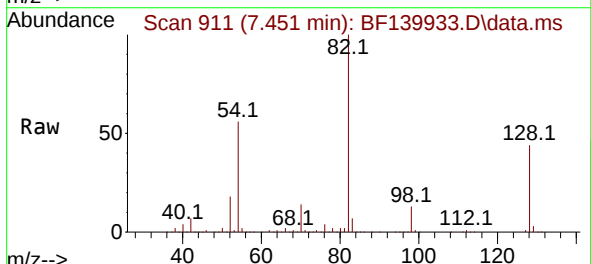
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.8	8.4	12.6
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 102.294 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

Tgt Ion: 82 Resp: 1109517

Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.4	50.0
54	56.2	47.8	71.8

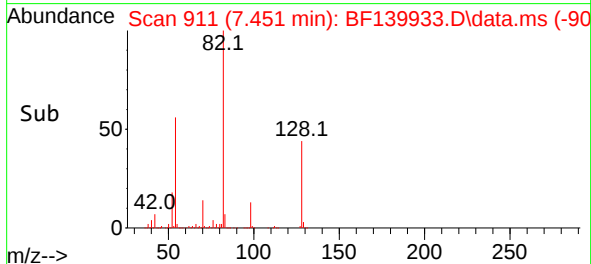
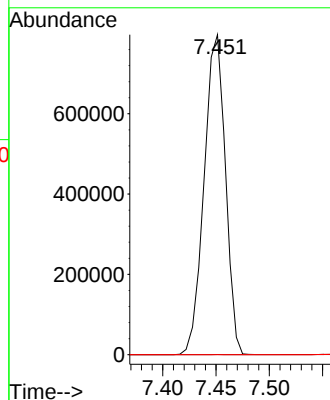
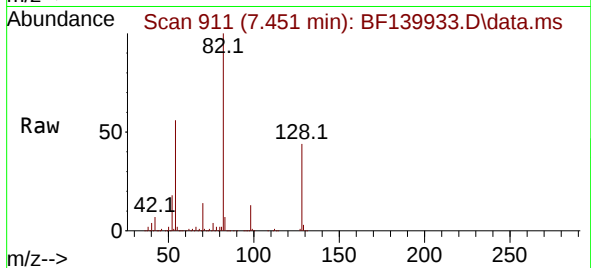




#25
Isophorone
Concen: 53.776 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

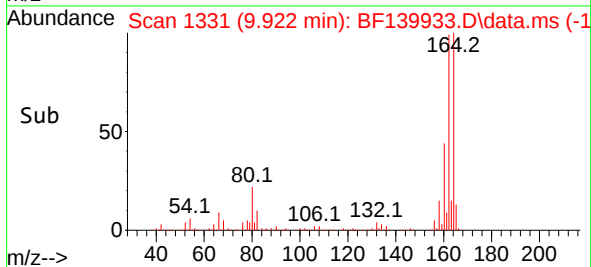
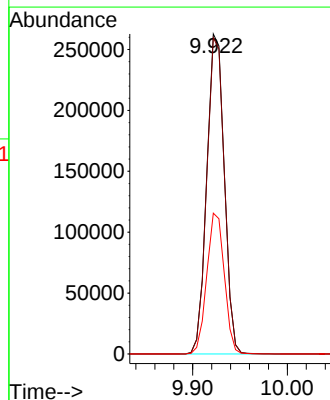
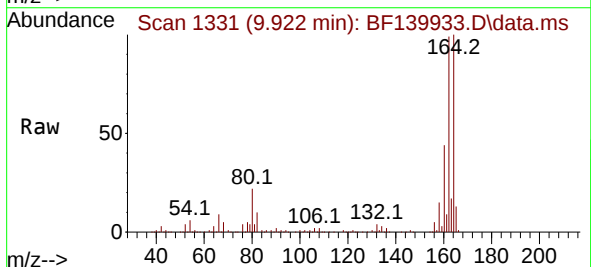
Instrument :
BNA_F
ClientSampleId :
280517

Tgt Ion: 82 Resp: 1107047
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: BF139933.D
Acq: 22 Oct 2024 17:29

Tgt Ion:164 Resp: 337857
Ion Ratio Lower Upper
164 100
162 98.8 81.0 121.4
160 44.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 147.685 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139933.D

Acq: 22 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

280517

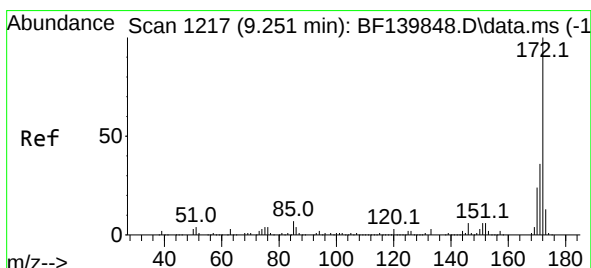
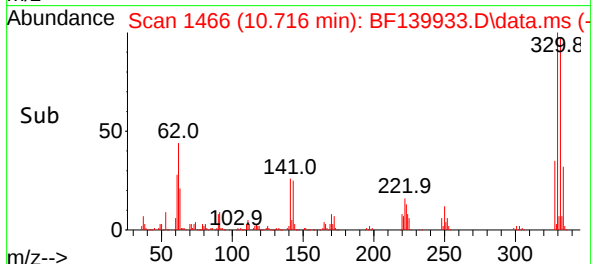
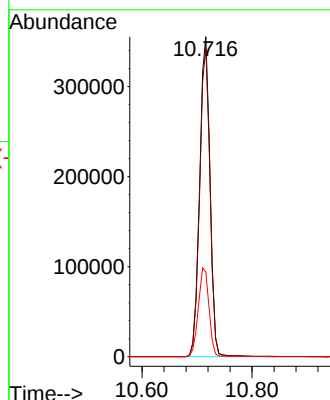
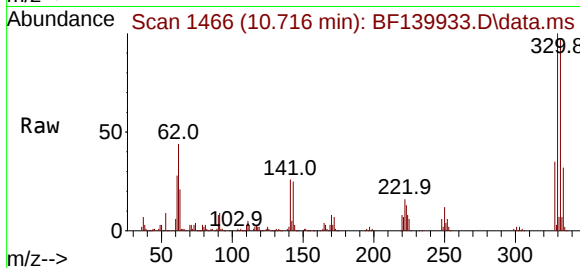
Tgt Ion:330 Resp: 466714

Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

141 28.6 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 93.121 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139933.D

Acq: 22 Oct 2024 17:29

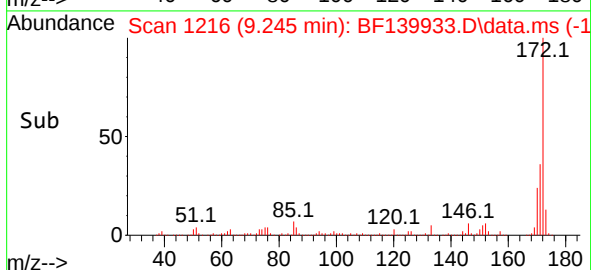
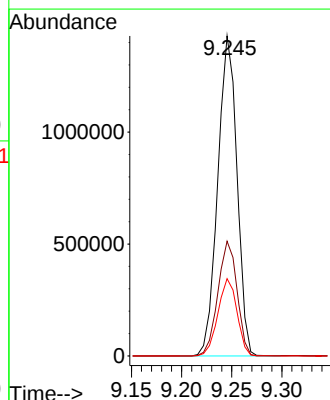
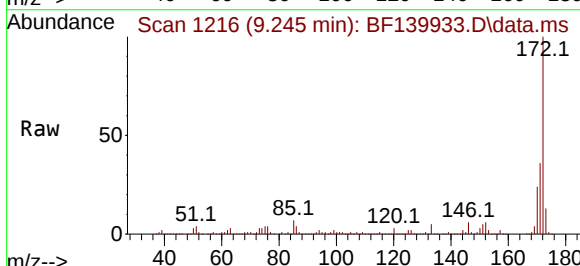
Tgt Ion:172 Resp: 1903656

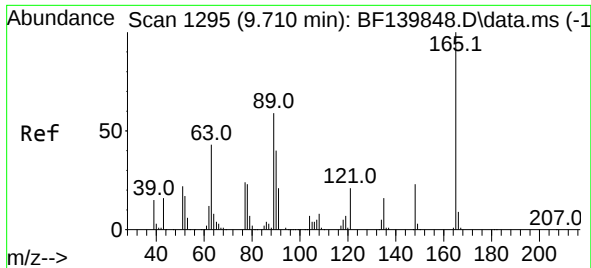
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 24.1 19.1 28.7

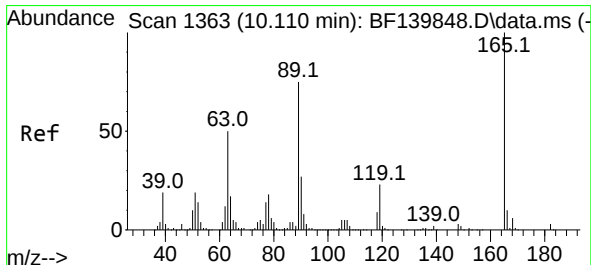
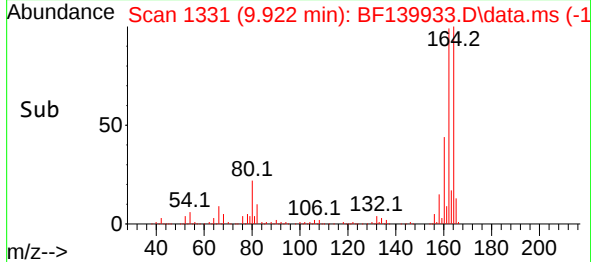
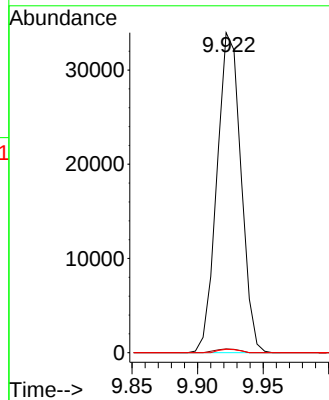
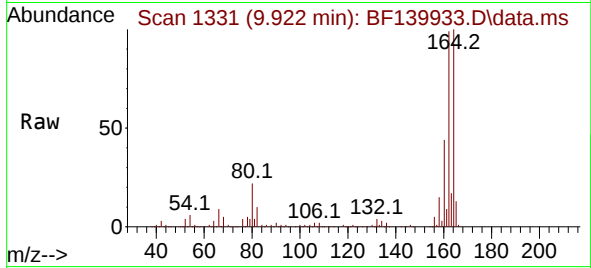




#51
2,6-Dinitrotoluene
Concen: 9.495 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

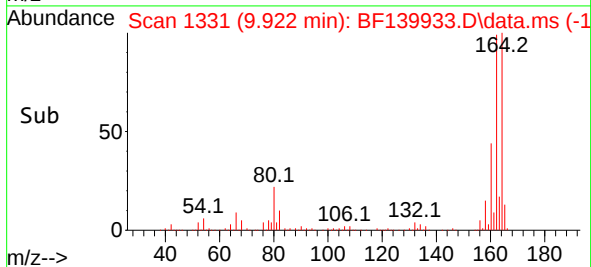
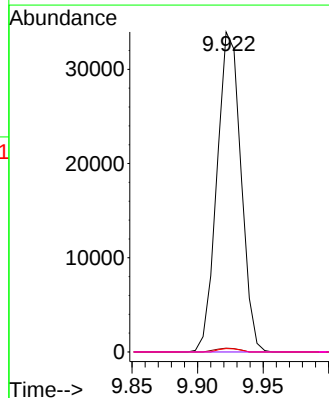
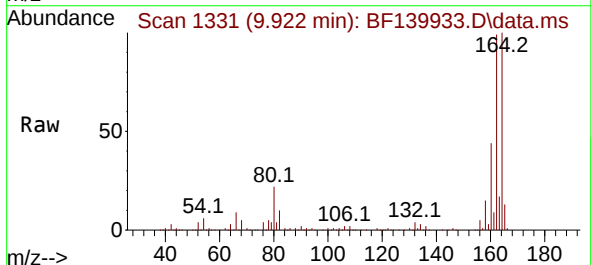
Instrument :
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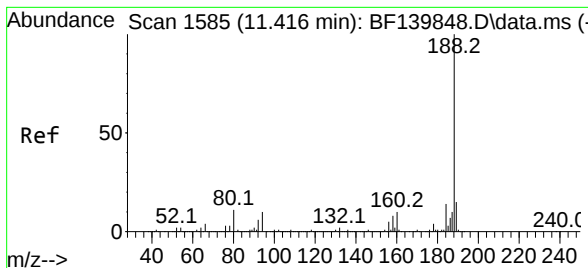
Tgt Ion:165 Resp: 43266
Ion Ratio Lower Upper
165 100
63 1.2 50.6 75.8#
89 1.0 47.5 71.3#



#57
2,4-Dinitrotoluene
Concen: 7.721 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139933.D
Acq: 22 Oct 2024 17:29

Tgt Ion:165 Resp: 43266
Ion Ratio Lower Upper
165 100
63 1.2 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: BF139933.D

Acq: 22 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

280517

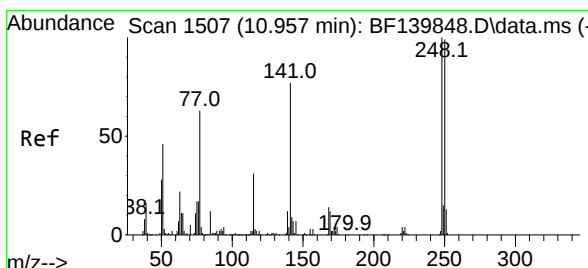
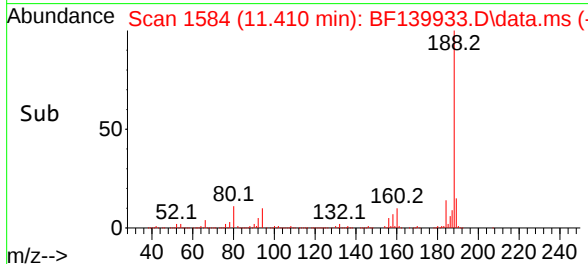
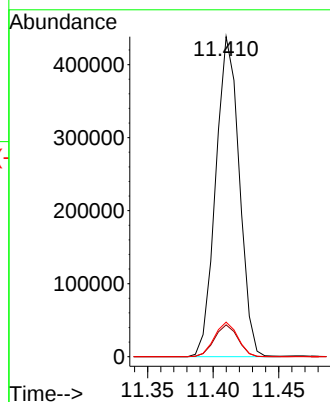
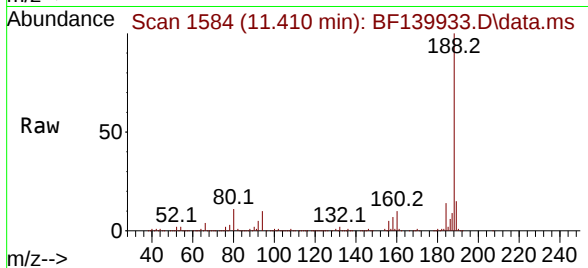
Tgt Ion:188 Resp: 547874

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.8 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 5.142 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139933.D

Acq: 22 Oct 2024 17:29

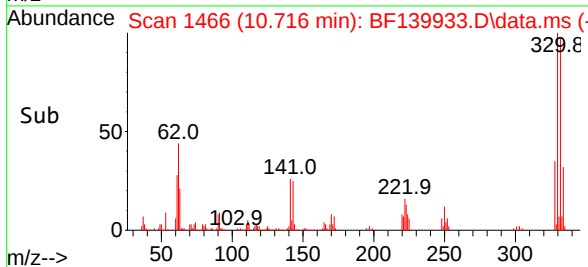
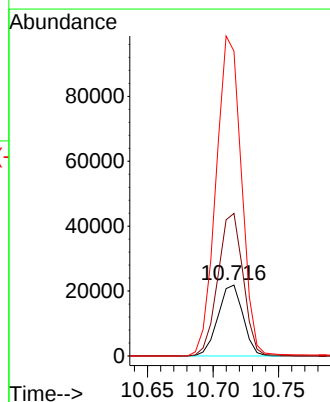
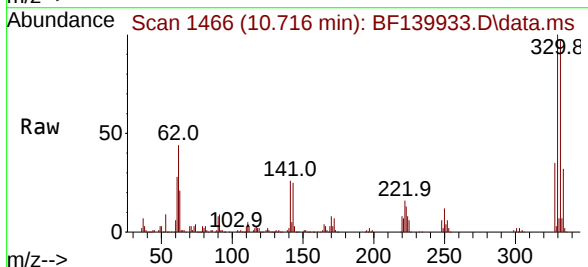
Tgt Ion:248 Resp: 29020

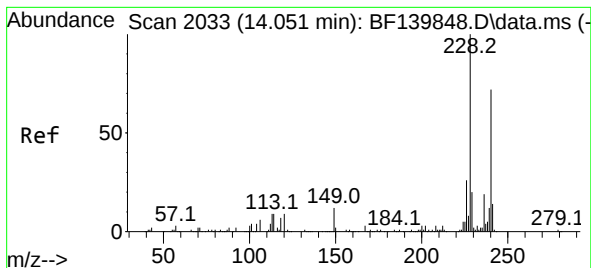
Ion Ratio Lower Upper

248 100

250 200.9 79.0 118.6#

141 429.7 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: BF139933.D

Acq: 22 Oct 2024 17:29

Instrument :

BNA_F

ClientSampleId :

280517

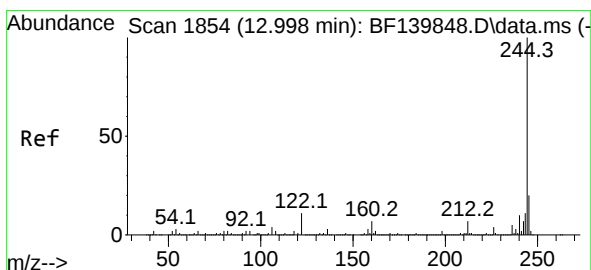
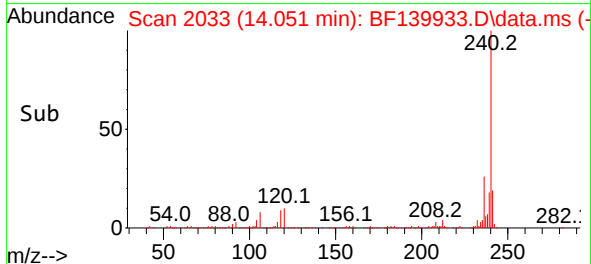
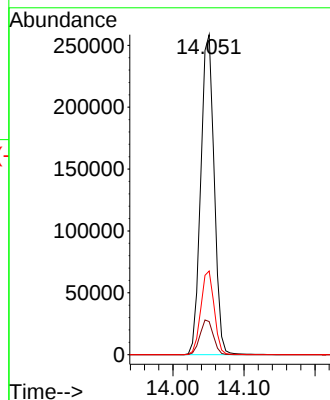
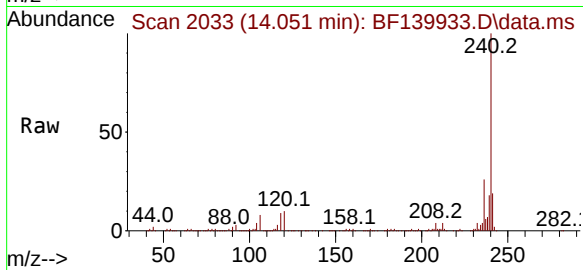
Tgt Ion:240 Resp: 340381

Ion Ratio Lower Upper

240 100

120 10.4 9.4 14.2

236 26.2 20.9 31.3



#79

Terphenyl-d14

Concen: 88.090 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139933.D

Acq: 22 Oct 2024 17:29

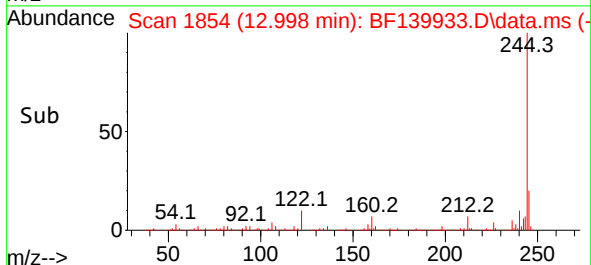
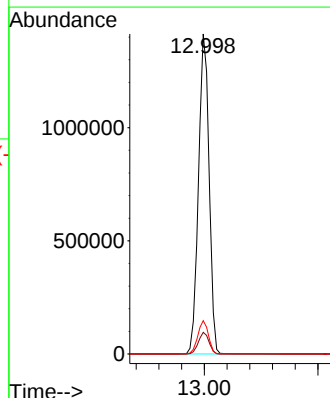
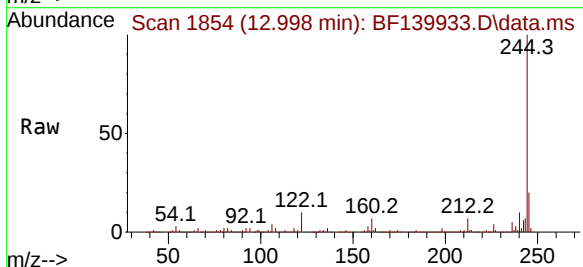
Tgt Ion:244 Resp: 1840114

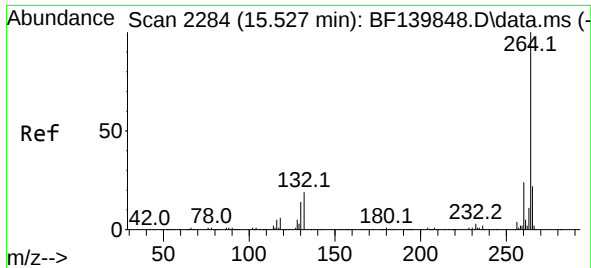
Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

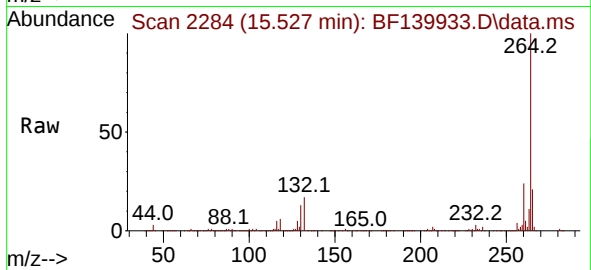
122 10.4 8.6 13.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139933.D
 Acq: 22 Oct 2024 17:29

Instrument :
 BNA_F
 ClientSampleId :
 280517



Tgt Ion:264 Resp: 368693

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.0	17.4	26.0

