

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
 Data File : BF139713.D
 Acq On : 09 Oct 2024 10:42
 Operator : RC/JU
 Sample : PB163970BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163970BL

Quant Time: Oct 09 12:47:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

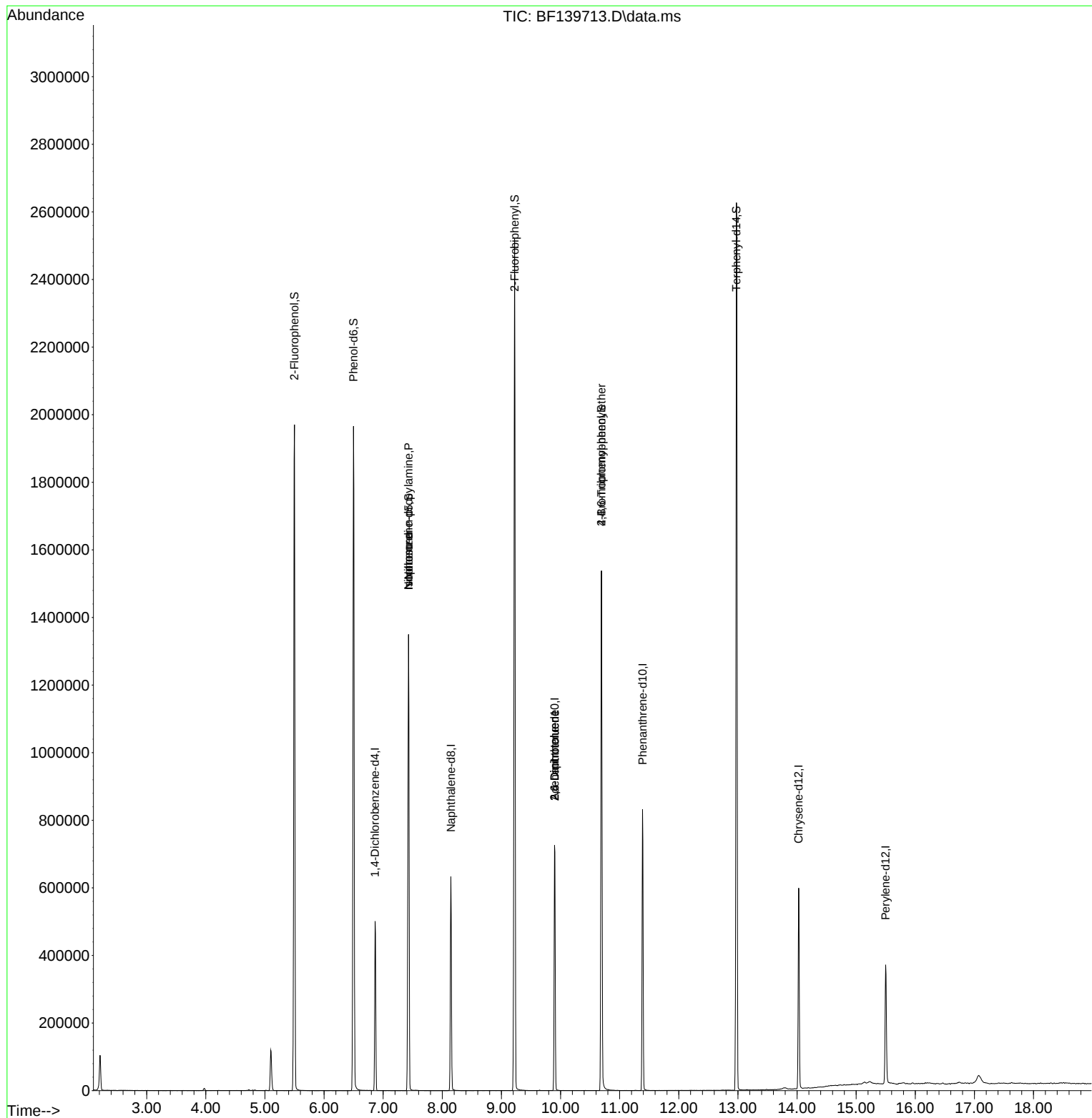
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	102789	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	386511	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	223930	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	439622	20.000	ng	0.00
76) Chrysene-d12	14.027	240	276476	20.000	ng	0.00
86) Perylene-d12	15.498	264	212622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	704667	118.822	ng	0.01
7) Phenol-d6	6.498	99	928095	116.373	ng	0.00
23) Nitrobenzene-d5	7.428	82	606965	79.508	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	248776	115.085	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1127965	77.329	ng	0.00
79) Terphenyl-d14	12.974	244	1329142	78.882	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	82078	16.008	ng	# 76
25) Isophorone	7.428	82	602561	44.440	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	28137	8.497	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	28137	6.501	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	16648	3.693	ng	# 1

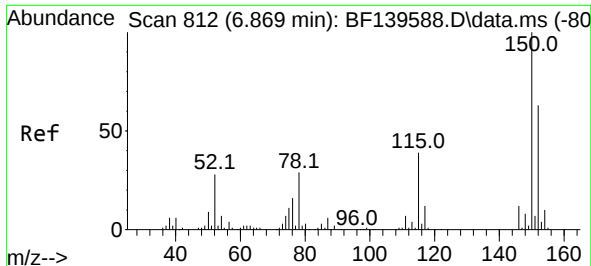
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139713.D
Acq On : 09 Oct 2024 10:42
Operator : RC/JU
Sample : PB163970BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163970BL

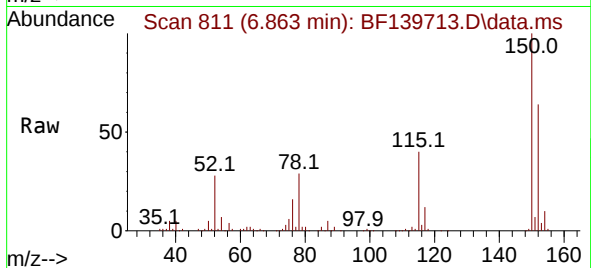
Quant Time: Oct 09 12:47:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration



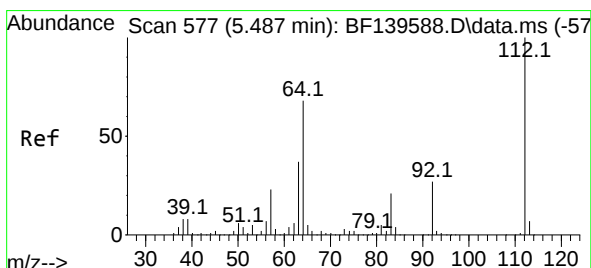
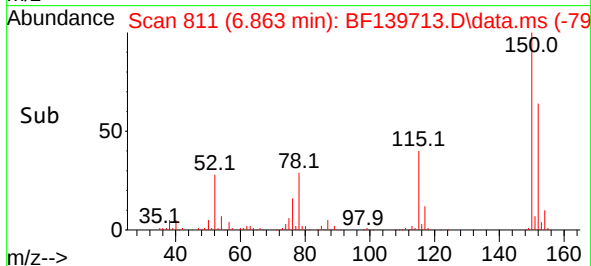
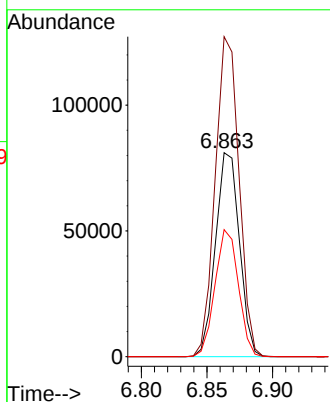


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

Instrument :
BNA_F
ClientSampleId :
PB163970BL

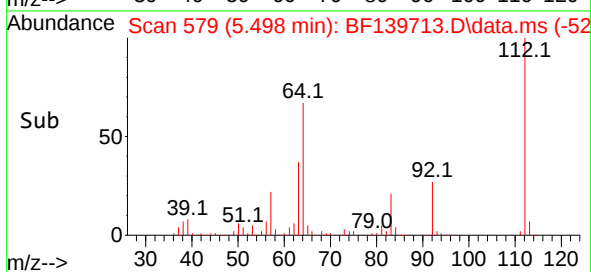
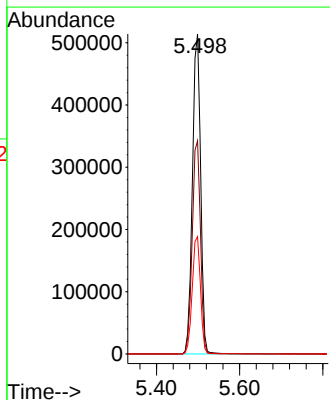
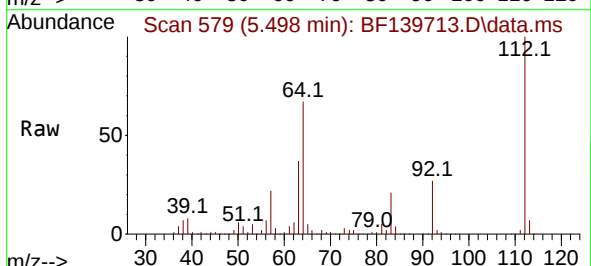


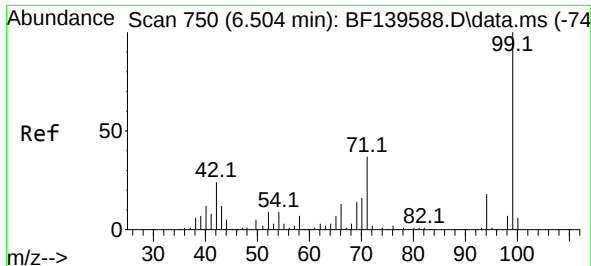
Tgt Ion:152 Resp: 102789
Ion Ratio Lower Upper
152 100
150 156.8 127.2 190.8
115 62.2 49.0 73.4



#5
2-Fluorophenol
Concen: 118.822 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

Tgt Ion:112 Resp: 704667
Ion Ratio Lower Upper
112 100
64 66.6 54.2 81.4
63 36.7 29.4 44.2

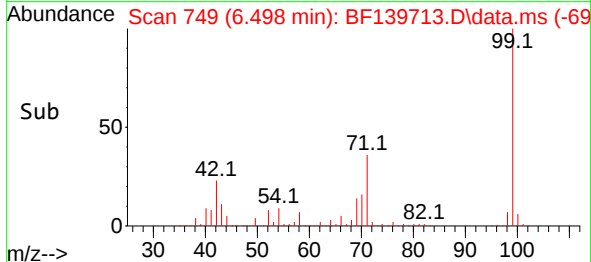
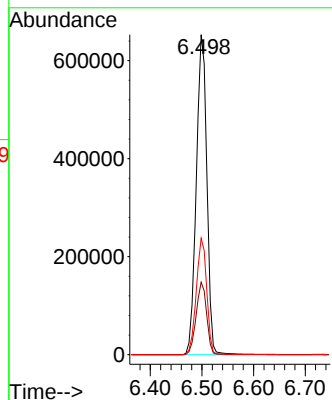
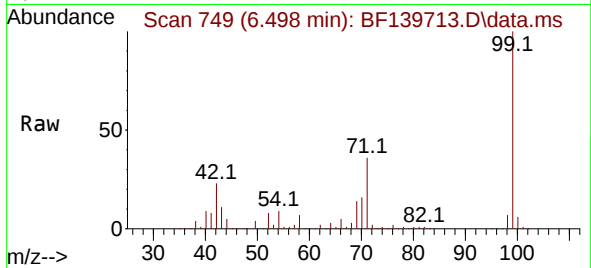




#7
Phenol-d6
Concen: 116.373 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

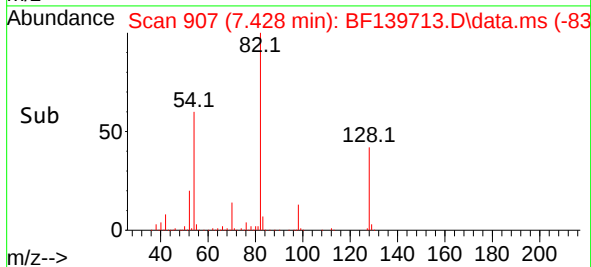
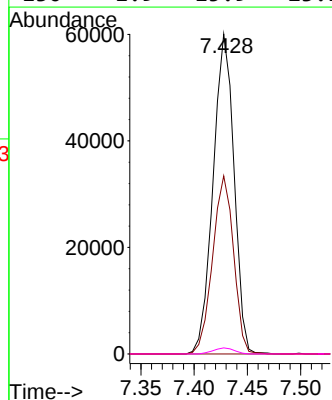
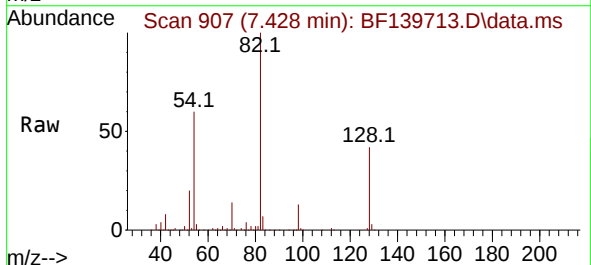
Instrument :
BNA_F
ClientSampleId :
PB163970BL

Tgt Ion: 99 Resp: 928095
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 36.4 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 16.008 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

Tgt Ion: 70 Resp: 82078
Ion Ratio Lower Upper
70 100
42 55.7 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 15.9 23.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

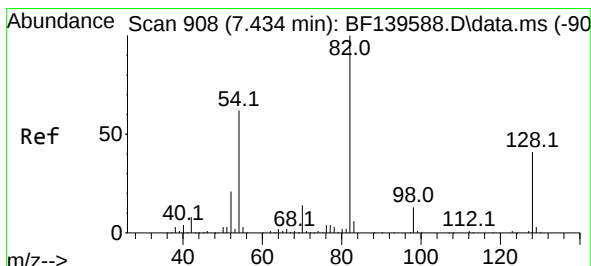
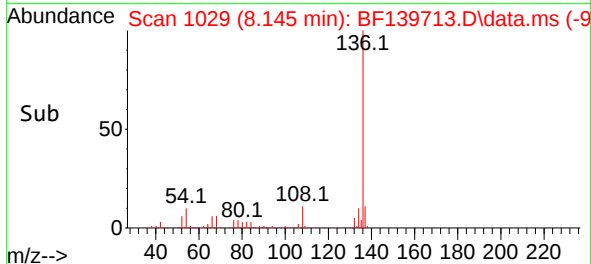
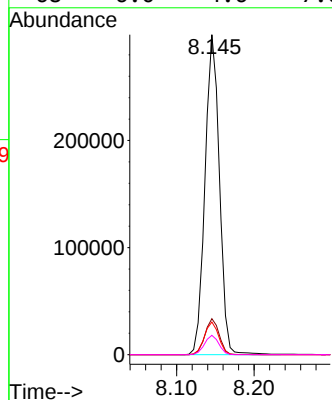
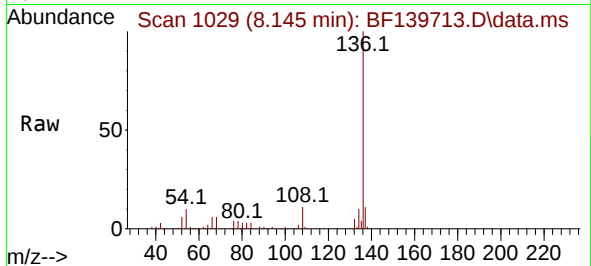
Instrument :

BNA_F

ClientSampleId :

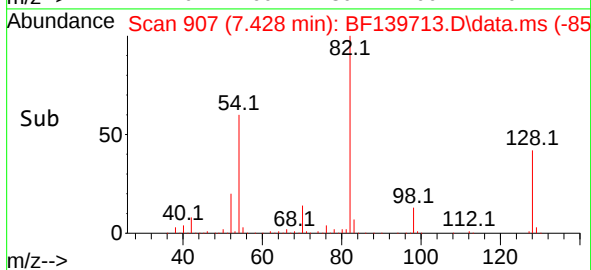
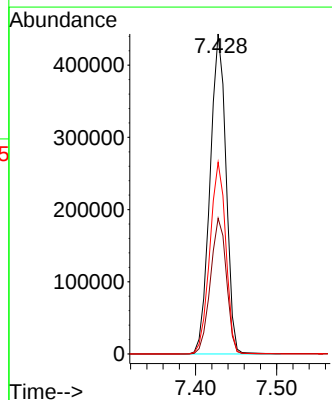
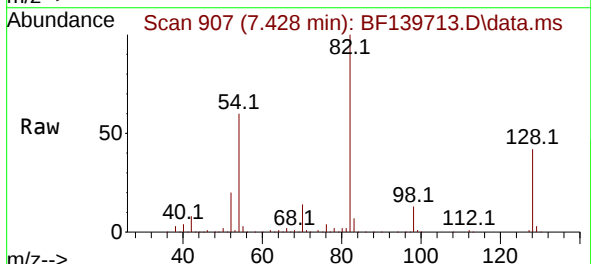
PB163970BL

Tgt Ion:136 Resp: 386511
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 10.2 8.3 12.5
68 6.0 4.6 7.0



#23
Nitrobenzene-d5
Concen: 79.508 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

Tgt Ion: 82 Resp: 606965
Ion Ratio Lower Upper
82 100
128 42.4 32.4 48.6
54 59.9 49.1 73.7

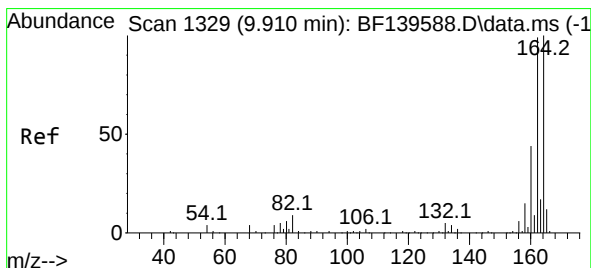
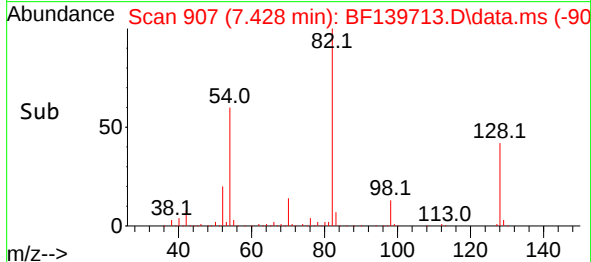
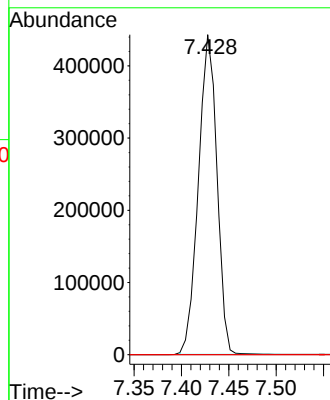
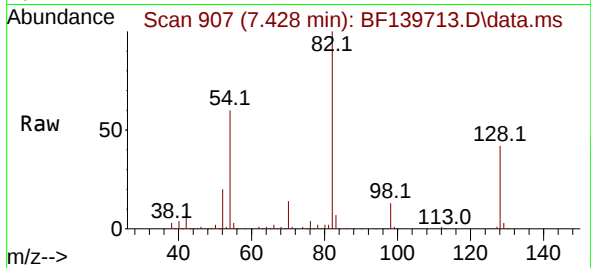




#25
Isophorone
Concen: 44.440 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

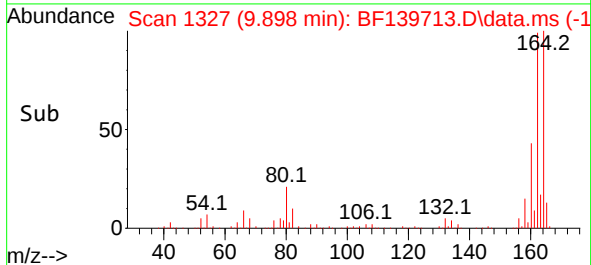
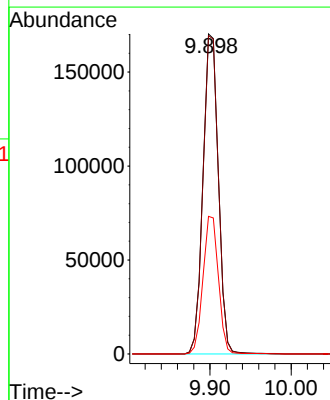
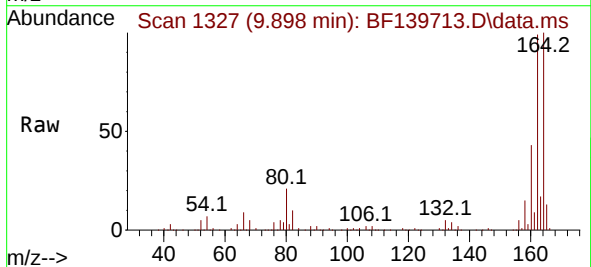
Instrument :
BNA_F
ClientSampleId :
PB163970BL

Tgt Ion: 82 Resp: 602561
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

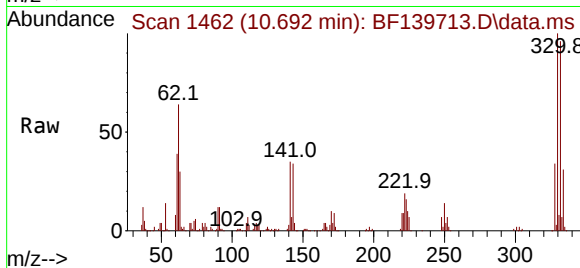
Tgt Ion:164 Resp: 223930
Ion Ratio Lower Upper
164 100
162 99.4 79.4 119.0
160 43.0 35.1 52.7



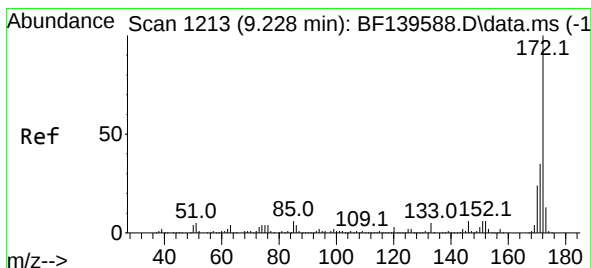
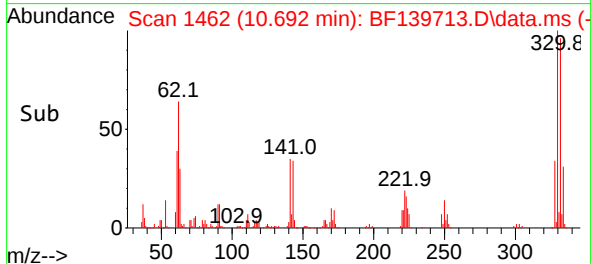
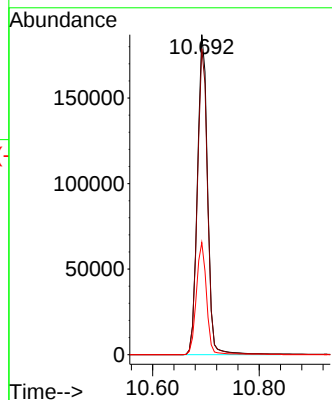


#42
2,4,6-Tribromophenol
Concen: 115.085 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

Instrument :
BNA_F
ClientSampleId :
PB163970BL

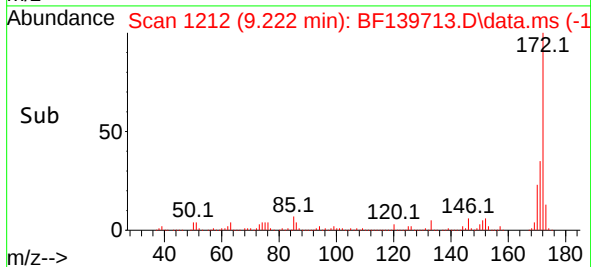
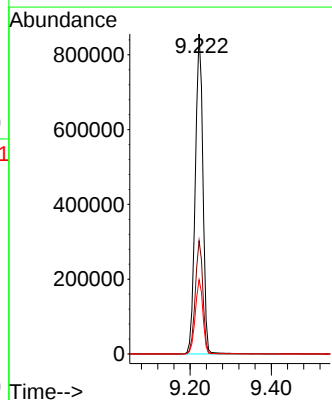
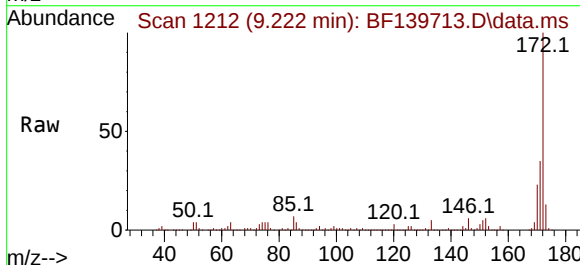


Tgt Ion:330 Resp: 248776
Ion Ratio Lower Upper
330 100
332 96.1 76.5 114.7
141 35.0 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 77.329 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

Tgt Ion:172 Resp: 1127965
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.2 18.8 28.2

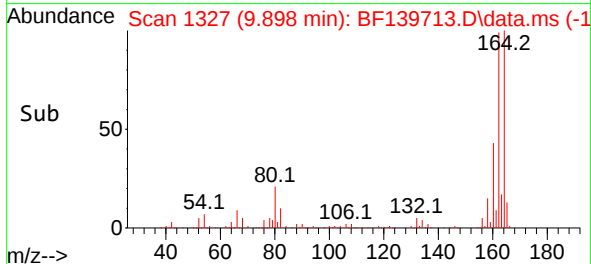
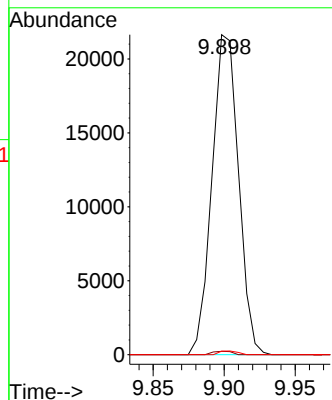
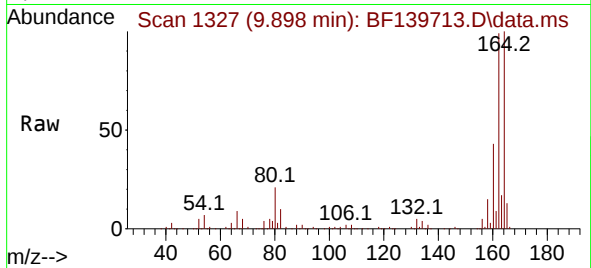




#51
2,6-Dinitrotoluene
Concen: 8.497 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

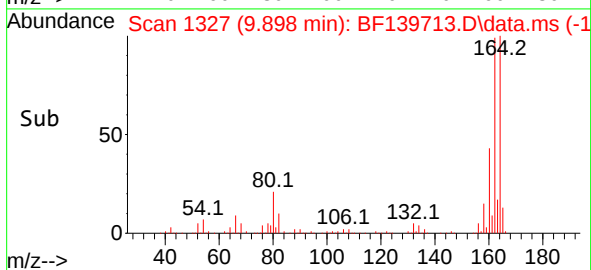
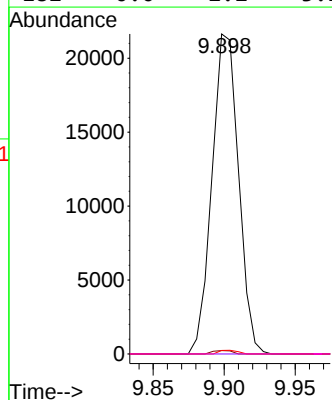
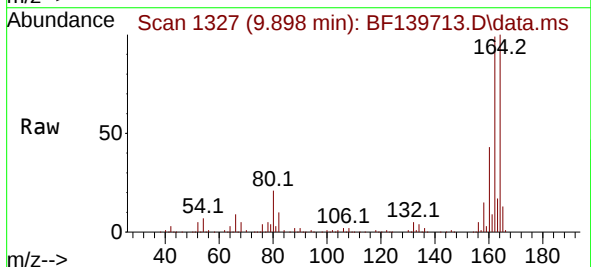
Instrument :
BNA_F
ClientSampleId :
PB163970BL

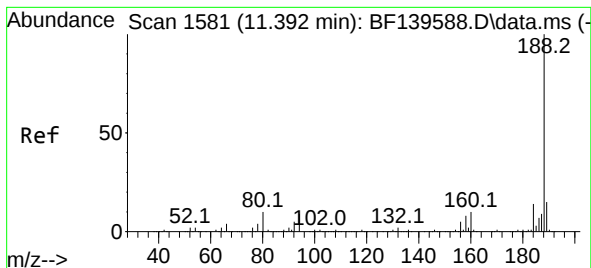
Tgt Ion:165 Resp: 28137
Ion Ratio Lower Upper
165 100
63 1.1 56.7 85.1#
89 1.1 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.501 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139713.D
Acq: 09 Oct 2024 10:42

Tgt Ion:165 Resp: 28137
Ion Ratio Lower Upper
165 100
63 1.1 46.9 70.3#
89 1.1 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139713.D

Acq: 09 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163970BL

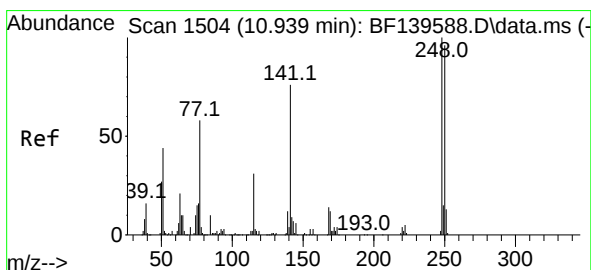
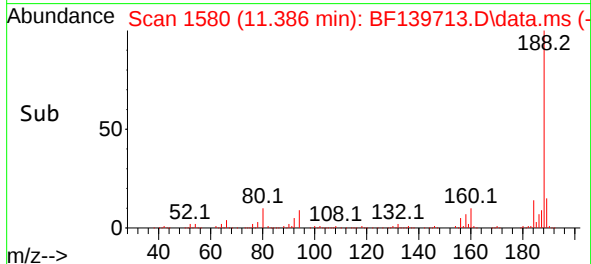
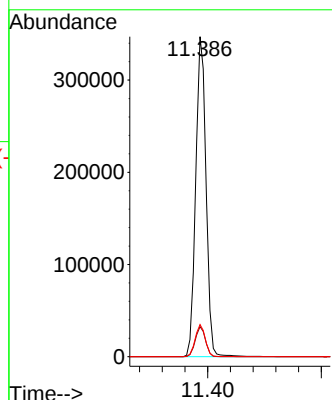
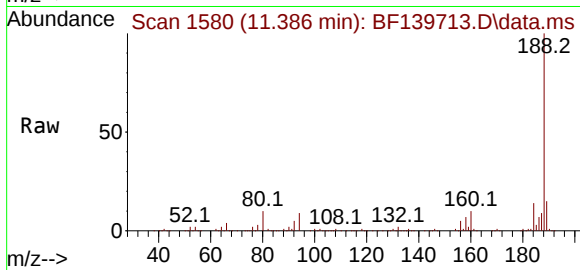
Tgt Ion:188 Resp: 439622

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.0 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 3.693 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139713.D

Acq: 09 Oct 2024 10:42

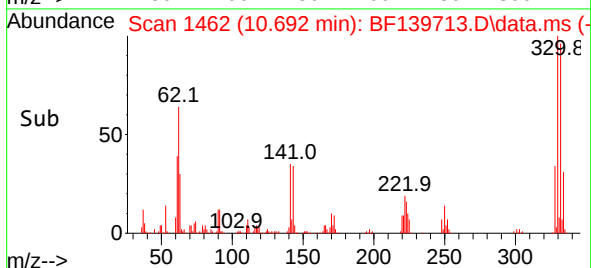
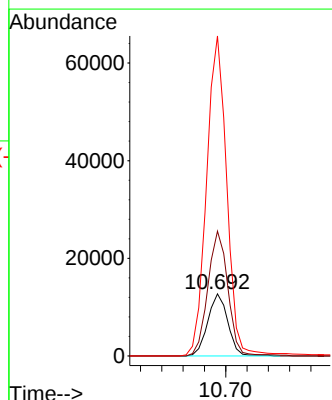
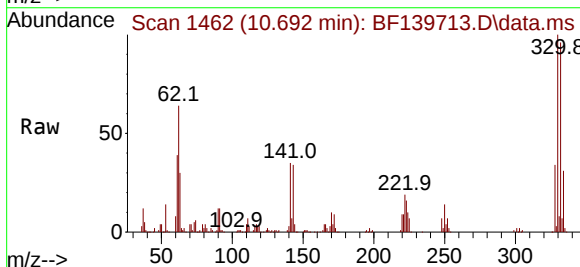
Tgt Ion:248 Resp: 16648

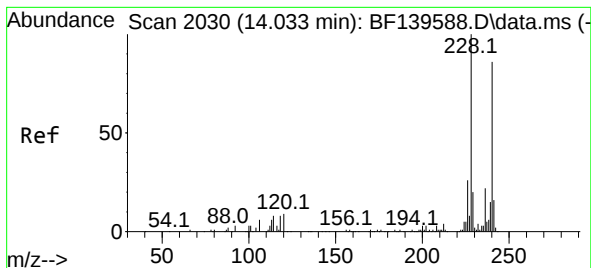
Ion Ratio Lower Upper

248 100

250 201.0 77.1 115.7#

141 515.2 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139713.D

Acq: 09 Oct 2024 10:42

Instrument :

BNA_F

ClientSampleId :

PB163970BL

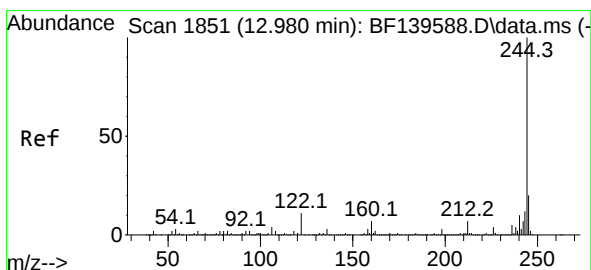
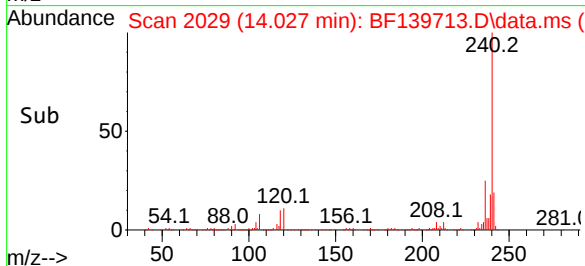
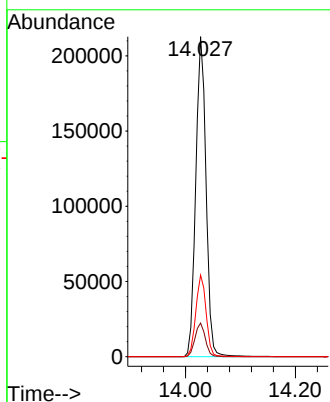
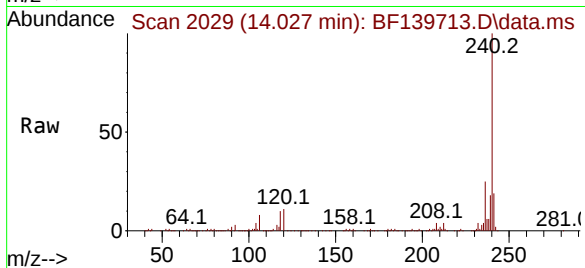
Tgt Ion:240 Resp: 276476

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

236 25.5 20.3 30.5



#79

Terphenyl-d14

Concen: 78.882 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139713.D

Acq: 09 Oct 2024 10:42

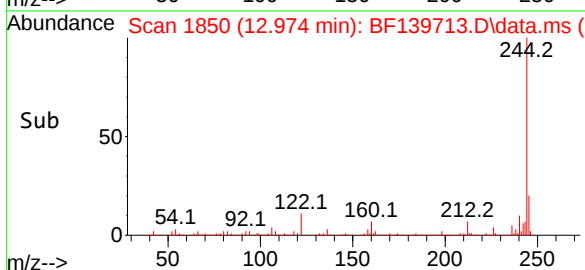
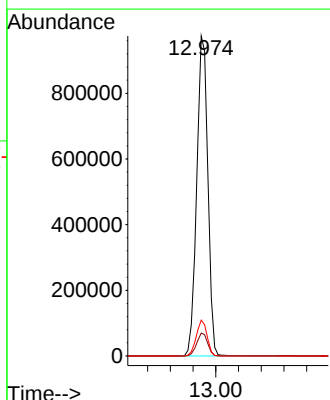
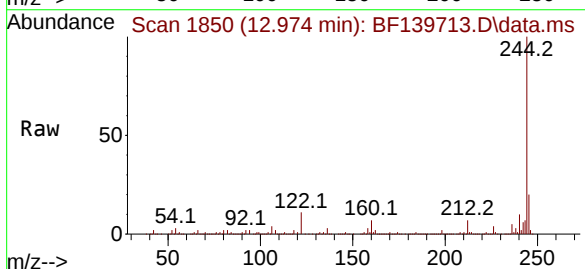
Tgt Ion:244 Resp: 1329142

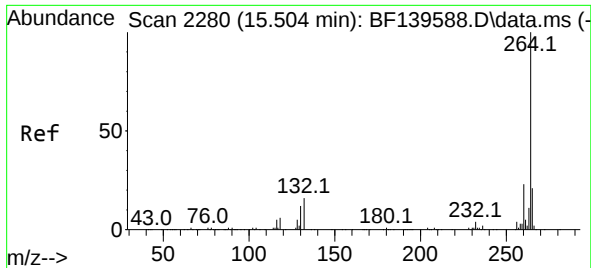
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 11.2 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139713.D
 Acq: 09 Oct 2024 10:42

Instrument :
 BNA_F
 ClientSampleId :
 PB163970BL

Tgt Ion:264 Resp: 212622
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 20.8 16.9 25.3

