

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101024\
 Data File : BF139740.D
 Acq On : 10 Oct 2024 12:01
 Operator : RC/JU
 Sample : PB163981TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163981TB

Quant Time: Oct 10 12:42:43 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)

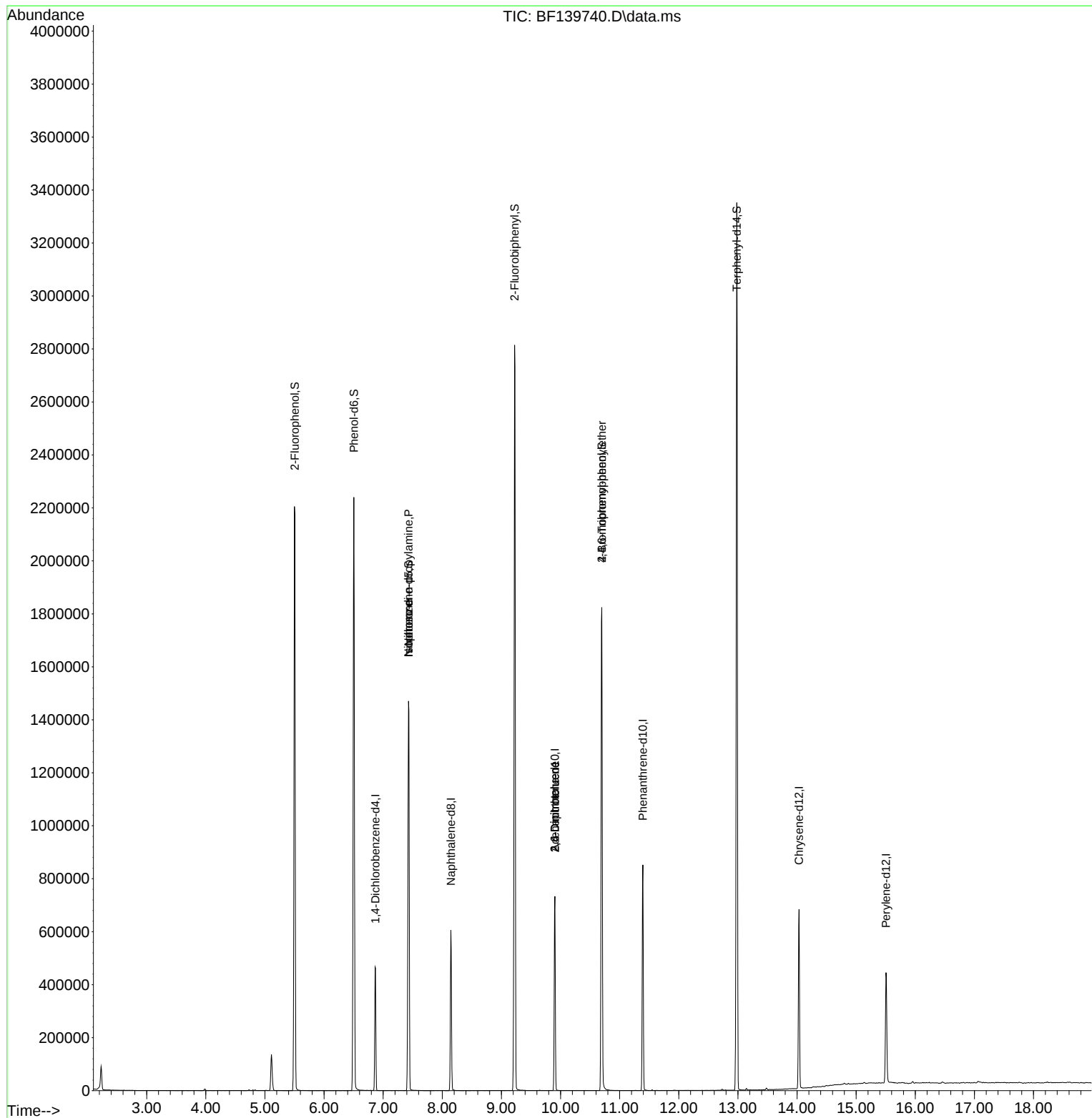
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	98706	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	376881	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	219818	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	455639	20.000	ng	0.00
76) Chrysene-d12	14.033	240	320536	20.000	ng	0.00
86) Perylene-d12	15.504	264	248487	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	813293	142.812	ng	0.02
7) Phenol-d6	6.504	99	1092074	142.599	ng	0.00
23) Nitrobenzene-d5	7.428	82	712467	95.713	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	311578	146.833	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1323633	92.441	ng	0.00
79) Terphenyl-d14	12.980	244	1720614	88.079	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	99053	20.118	ng	# 74
25) Isophorone	7.428	82	707380	53.504	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	28390	8.734	ng	# 17
57) 2,4-Dinitrotoluene	9.904	165	28390	6.682	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	21222	4.543	ng	# 1

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

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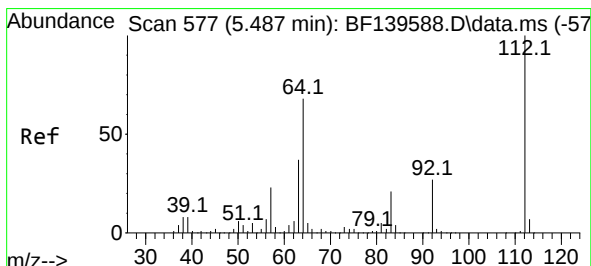
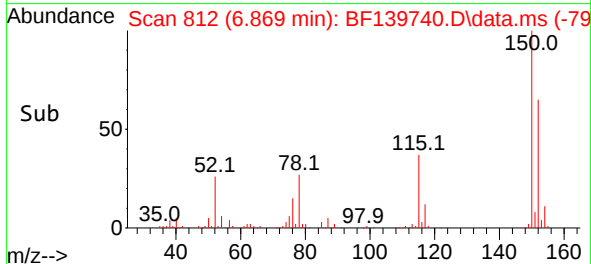
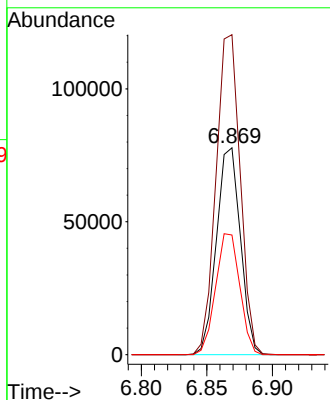
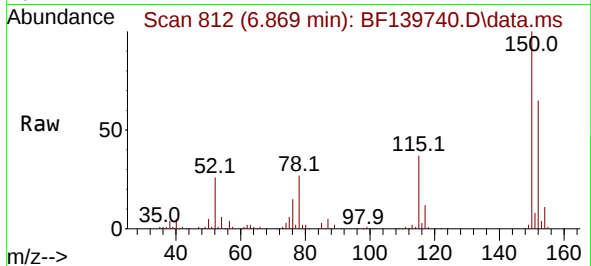




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139740.D
Acq: 10 Oct 2024 12:01

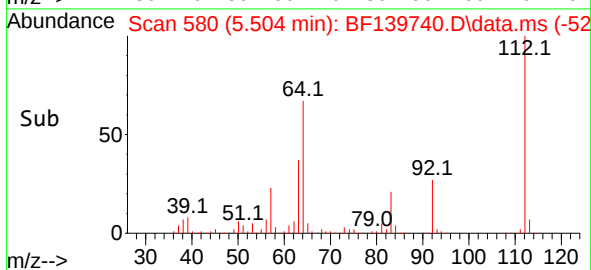
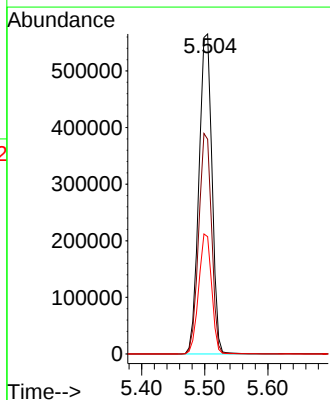
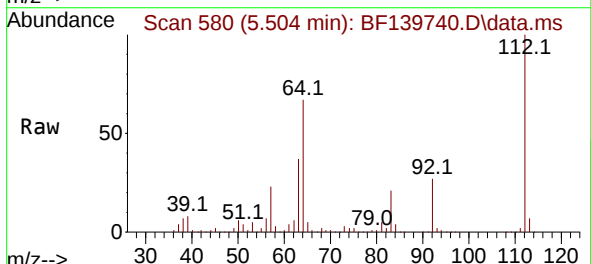
Instrument :
BNA_F
ClientSampleId :
PB163981TB

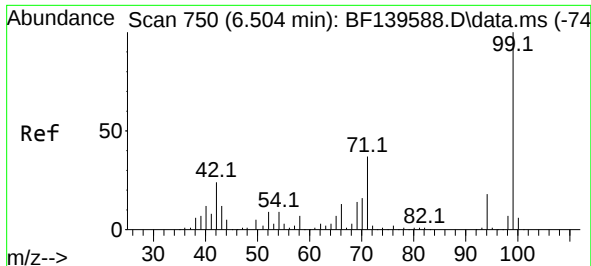
Tgt Ion:152 Resp: 98706
Ion Ratio Lower Upper
152 100
150 154.7 127.2 190.8
115 57.9 49.0 73.4



#5
2-Fluorophenol
Concen: 142.812 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF139740.D
Acq: 10 Oct 2024 12:01

Tgt Ion:112 Resp: 813293
Ion Ratio Lower Upper
112 100
64 67.1 54.2 81.4
63 36.6 29.4 44.2



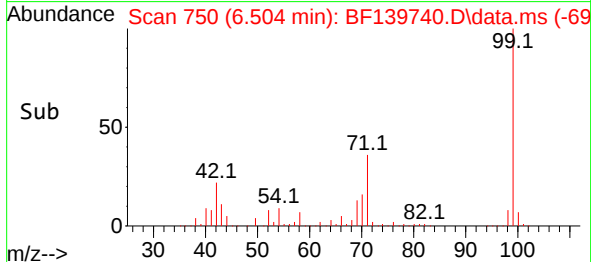
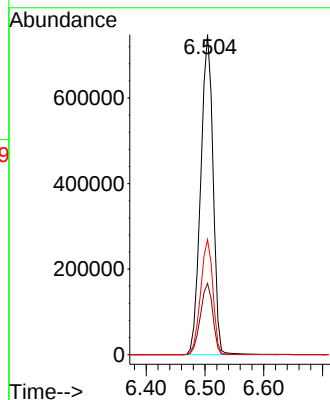
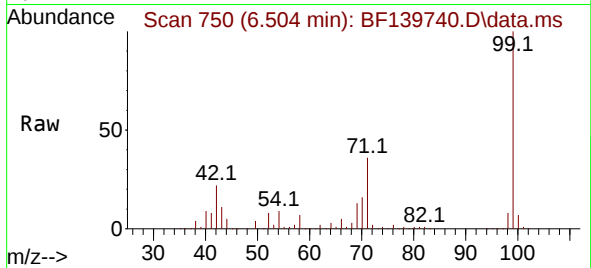


#7
Phenol-d6
Concen: 142.599 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139740.D
Acq: 10 Oct 2024 12:01

Instrument :
BNA_F
ClientSampleId :
PB163981TB

Tgt Ion: 99 Resp: 1092074

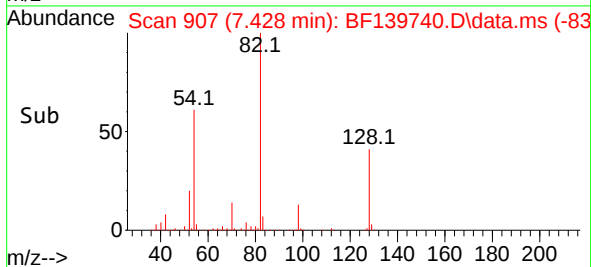
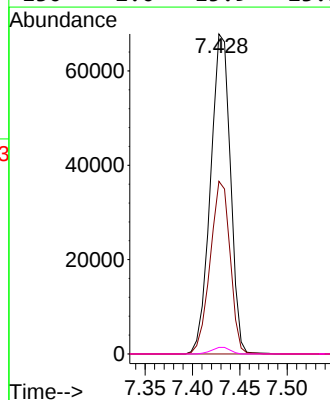
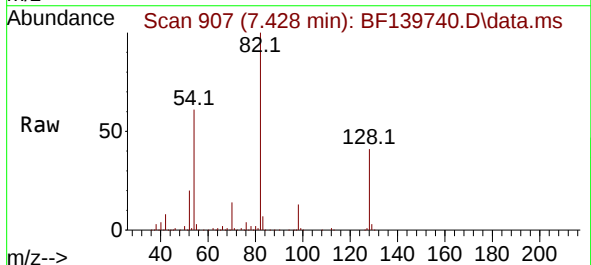
Ion	Ratio	Lower	Upper
99	100		
42	22.3	19.1	28.7
71	35.9	29.7	44.5



#19
n-Nitroso-di-n-propylamine
Concen: 20.118 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139740.D
Acq: 10 Oct 2024 12:01

Tgt Ion: 70 Resp: 99053

Ion	Ratio	Lower	Upper
70	100		
42	53.9	58.0	87.0#
101	0.0	7.8	11.8#
130	2.0	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: BF139740.D
Acq: 10 Oct 2024 12:01

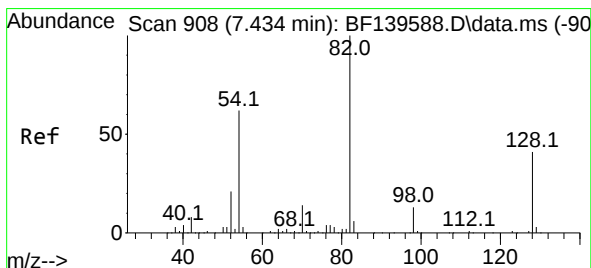
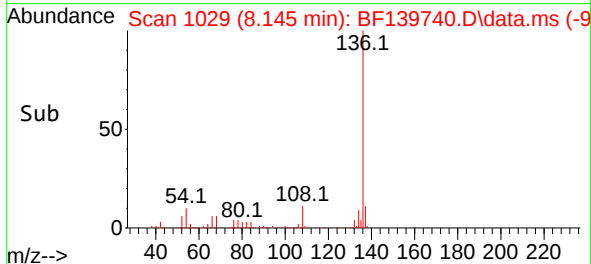
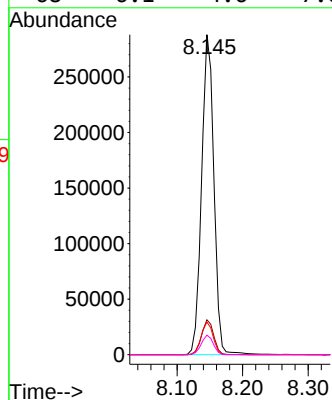
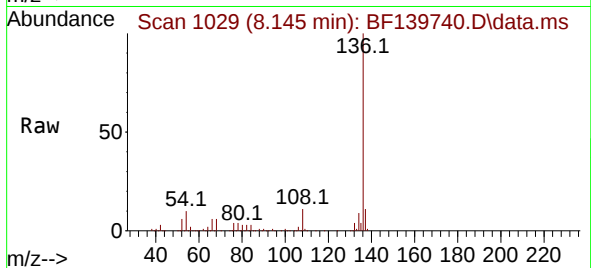
Instrument :

BNA_F

ClientSampleId :

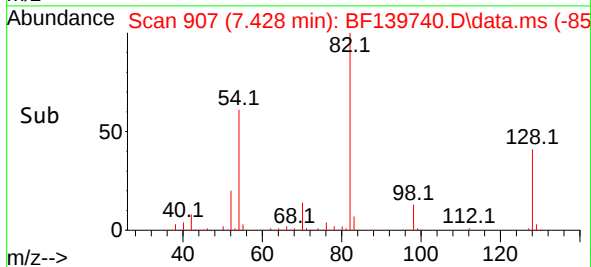
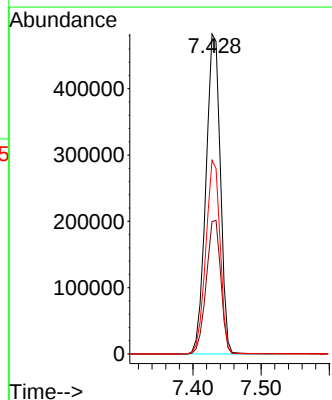
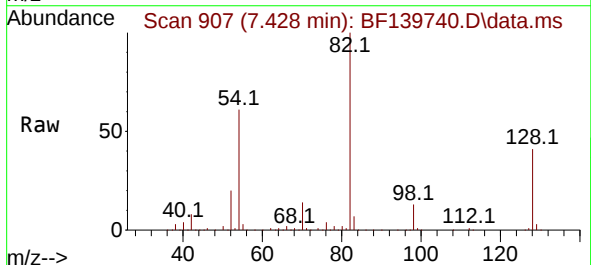
PB163981TB

Tgt Ion:136 Resp: 376881
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 10.2 8.3 12.5
68 6.1 4.6 7.0



#23
Nitrobenzene-d5
Concen: 95.713 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139740.D
Acq: 10 Oct 2024 12:01

Tgt Ion: 82 Resp: 712467
Ion Ratio Lower Upper
82 100
128 41.4 32.4 48.6
54 60.6 49.1 73.7

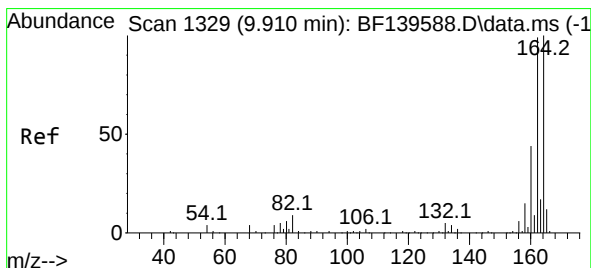
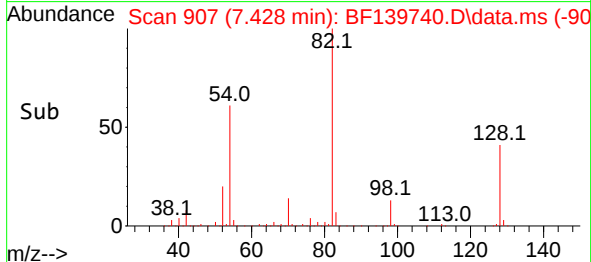
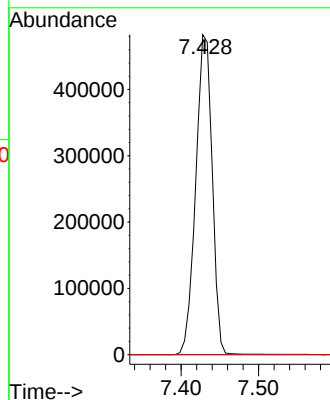
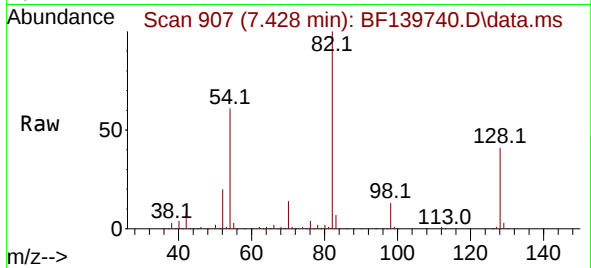




#25
Isophorone
Concen: 53.504 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139740.D
Acq: 10 Oct 2024 12:01

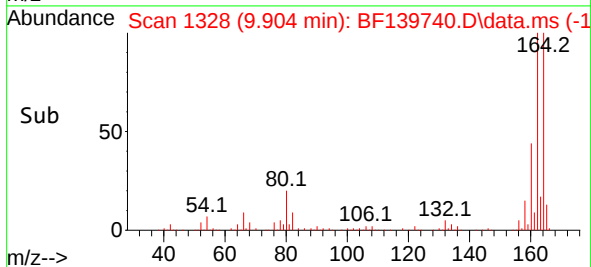
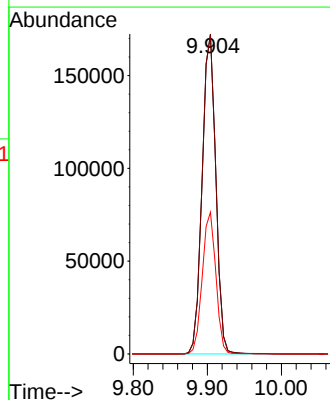
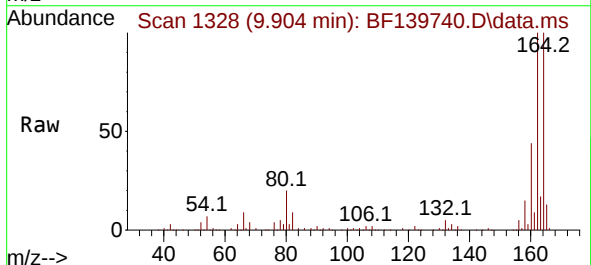
Instrument :
BNA_F
ClientSampleId :
PB163981TB

Tgt Ion: 82 Resp: 707380
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: 9.904 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF139740.D
Acq: 10 Oct 2024 12:01

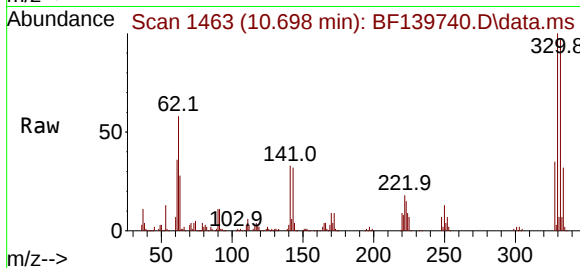
Tgt Ion:164 Resp: 219818
Ion Ratio Lower Upper
164 100
162 100.2 79.4 119.0
160 44.4 35.1 52.7



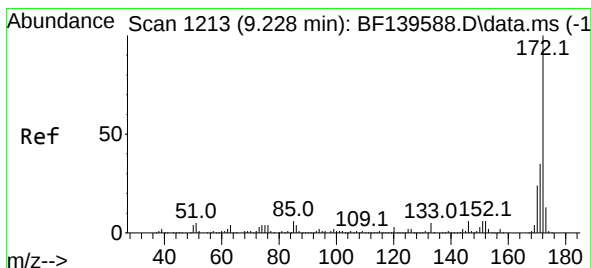
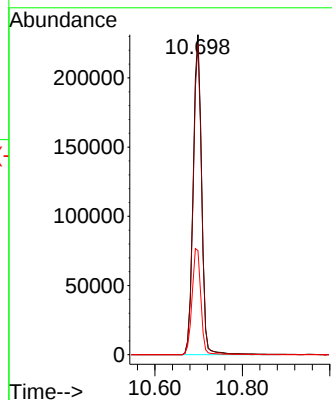
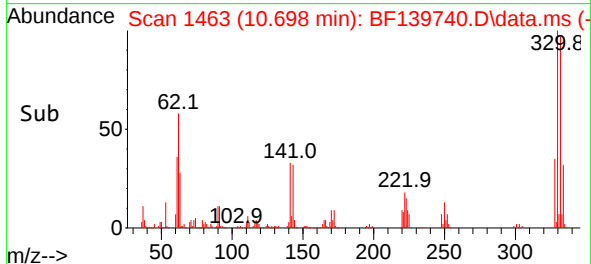


#42
2,4,6-Tribromophenol
Concen: 146.833 ng
RT: 10.698 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF139740.D
Acq: 10 Oct 2024 12:01

Instrument :
BNA_F
ClientSampleId :
PB163981TB

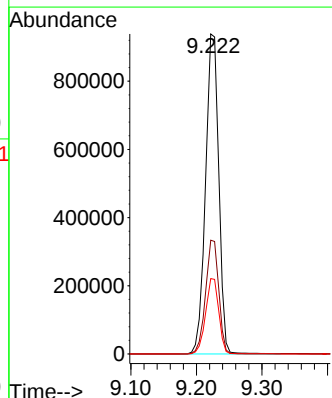
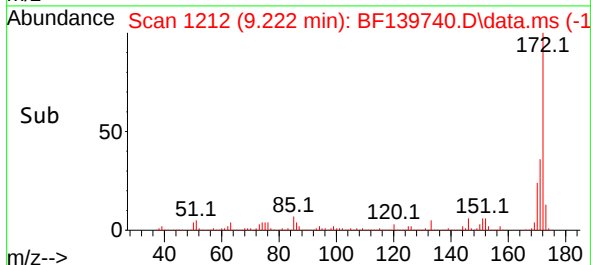
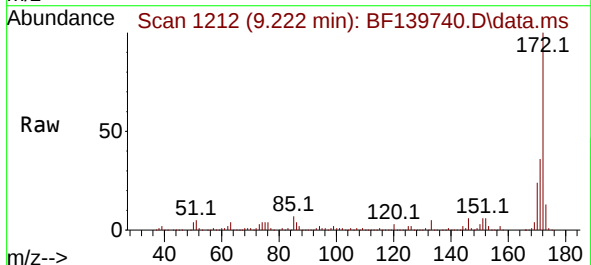


Tgt Ion: 330 Resp: 311578
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 34.4 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 92.441 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139740.D
Acq: 10 Oct 2024 12:01

Tgt Ion: 172 Resp: 1323633
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.4
170 23.6 18.8 28.2

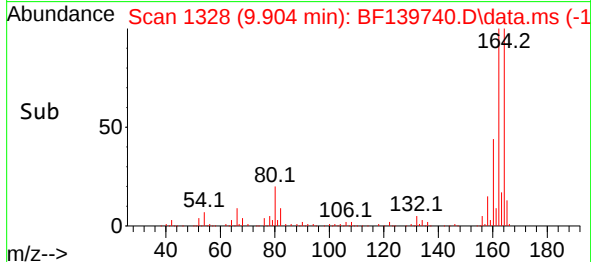
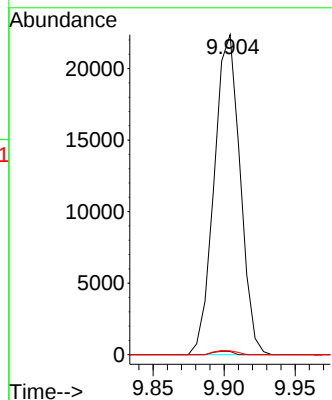
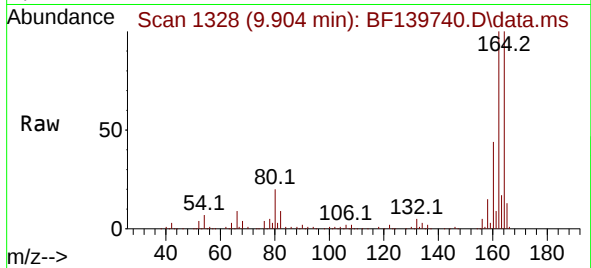




#51
2,6-Dinitrotoluene
Concen: 8.734 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139740.D
Acq: 10 Oct 2024 12:01

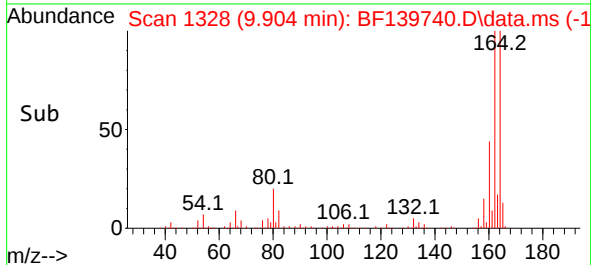
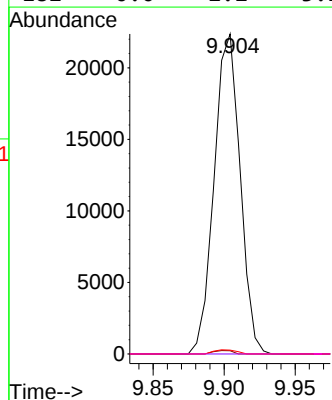
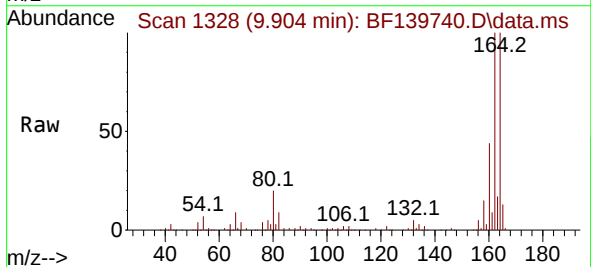
Instrument :
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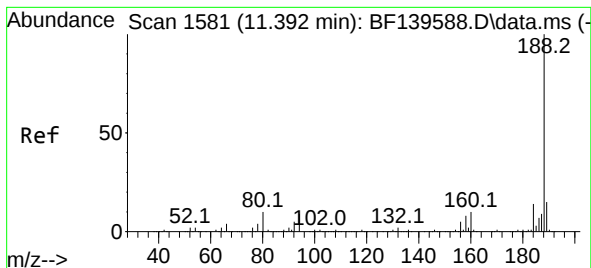
Tgt Ion:165 Resp: 28390
Ion Ratio Lower Upper
165 100
63 1.0 56.7 85.1#
89 1.2 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.682 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF139740.D
Acq: 10 Oct 2024 12:01

Tgt Ion:165 Resp: 28390
Ion Ratio Lower Upper
165 100
63 1.0 46.9 70.3#
89 1.2 64.4 96.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139740.D

Acq: 10 Oct 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB163981TB

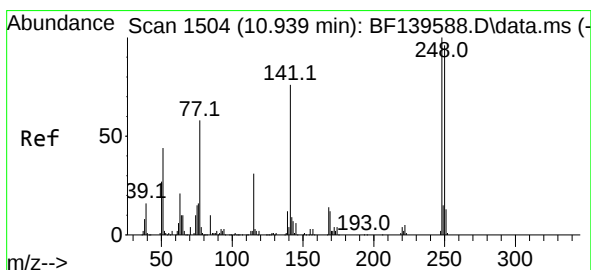
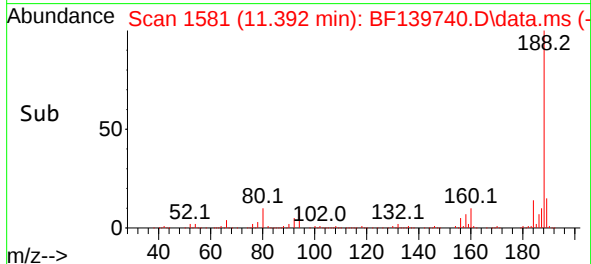
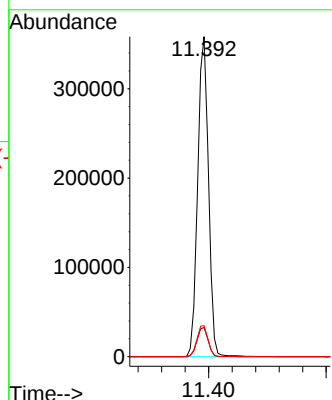
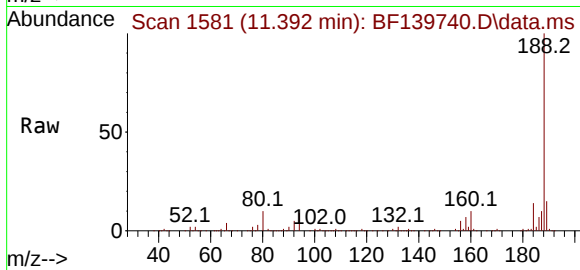
Tgt Ion:188 Resp: 455639

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 9.7 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.543 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.241 min

Lab File: BF139740.D

Acq: 10 Oct 2024 12:01

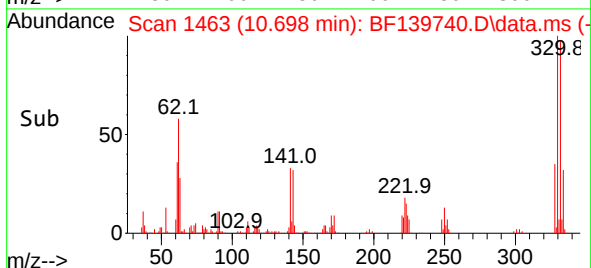
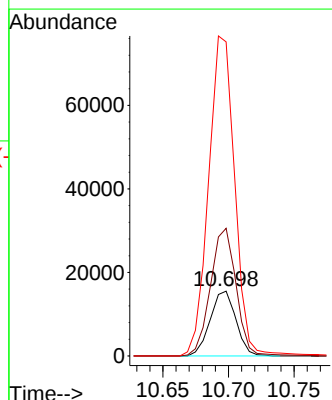
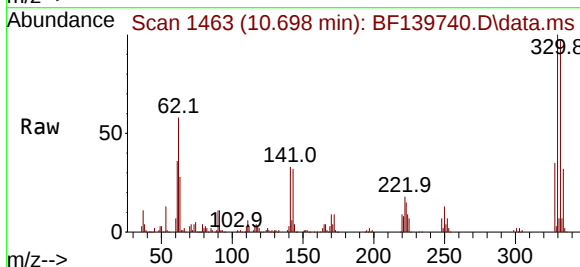
Tgt Ion:248 Resp: 21222

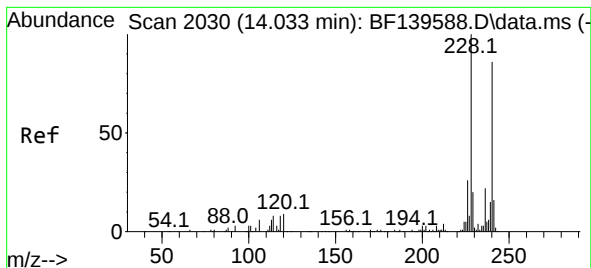
Ion Ratio Lower Upper

248 100

250 196.9 77.1 115.7#

141 484.2 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139740.D

Acq: 10 Oct 2024 12:01

Instrument :

BNA_F

ClientSampleId :

PB163981TB

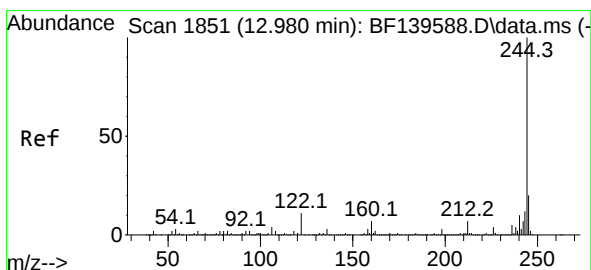
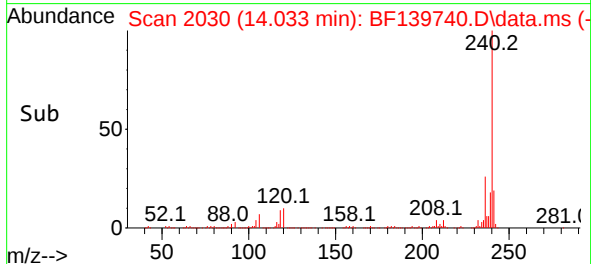
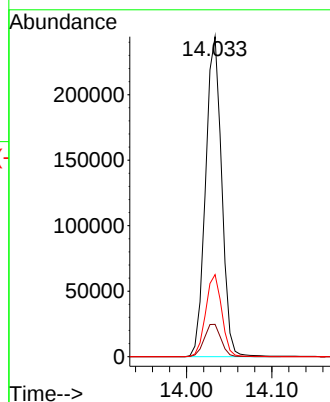
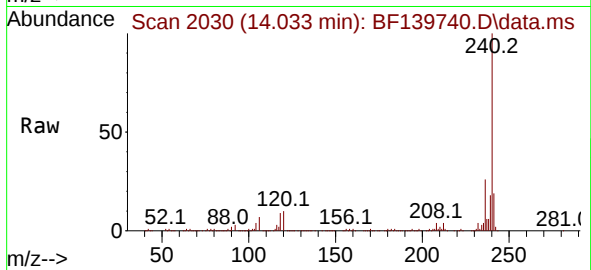
Tgt Ion:240 Resp: 320536

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

236 25.7 20.3 30.5



#79

Terphenyl-d14

Concen: 88.079 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139740.D

Acq: 10 Oct 2024 12:01

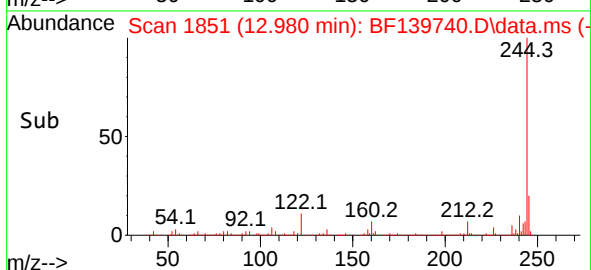
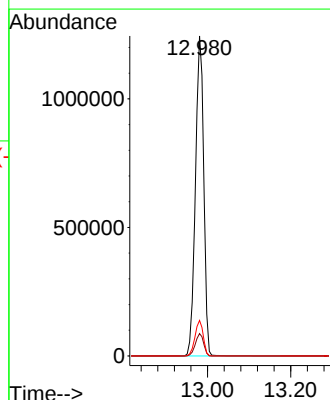
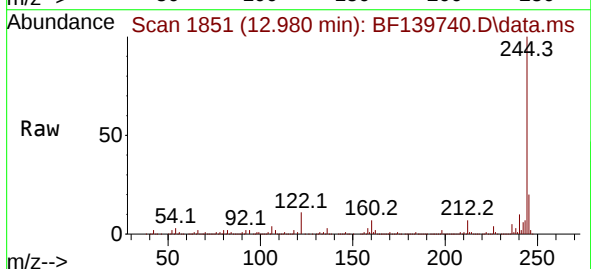
Tgt Ion:244 Resp: 1720614

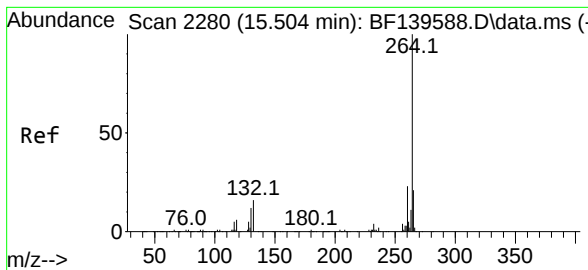
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

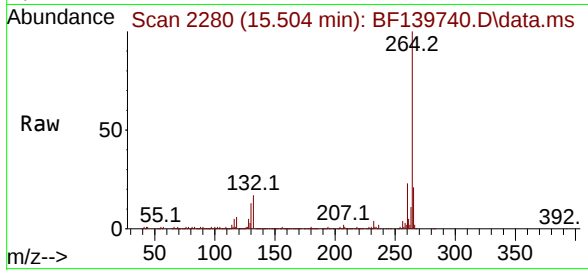
122 11.1 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF139740.D
 Acq: 10 Oct 2024 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB163981TB



Tgt Ion:264 Resp: 248487
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.3 16.9 25.3

