

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
 Data File : BF139621.D
 Acq On : 03 Oct 2024 10:24
 Operator : RC/JU
 Sample : PB163732BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163732BL

Quant Time: Oct 03 11:22:08 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)

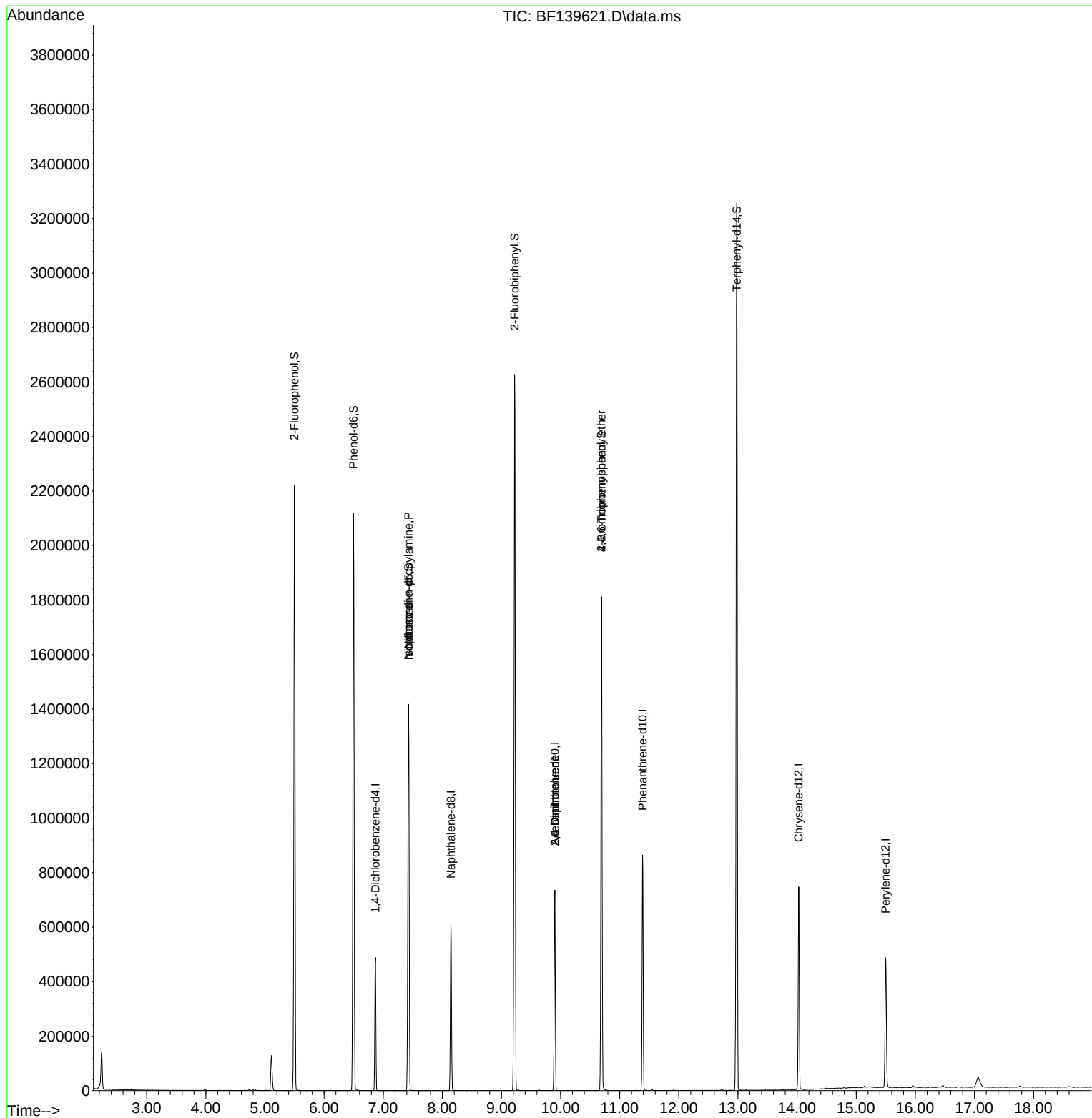
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	99503	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	385904	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	224944	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	459226	20.000	ng	0.00
76) Chrysene-d12	14.027	240	341308	20.000	ng	0.00
86) Perylene-d12	15.498	264	274094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	766751	133.561	ng	0.01
7) Phenol-d6	6.498	99	1002920	129.908	ng	0.00
23) Nitrobenzene-d5	7.428	82	665987	87.377	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	291771	134.366	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1238725	84.540	ng	0.00
79) Terphenyl-d14	12.980	244	1673112	80.434	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	91784	18.492	ng	# 75
25) Isophorone	7.428	82	663037	48.978	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	28051	8.433	ng	# 18
57) 2,4-Dinitrotoluene	9.904	165	28051	6.452	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	19765	4.198	ng	# 1

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

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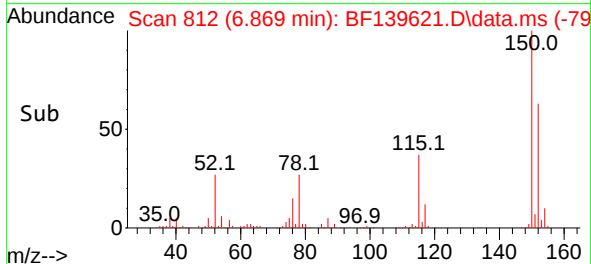
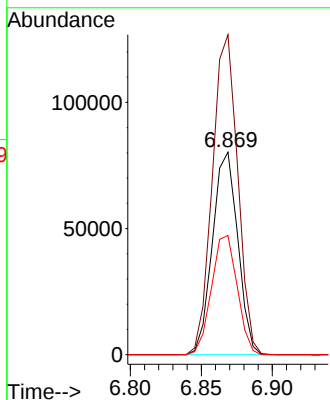
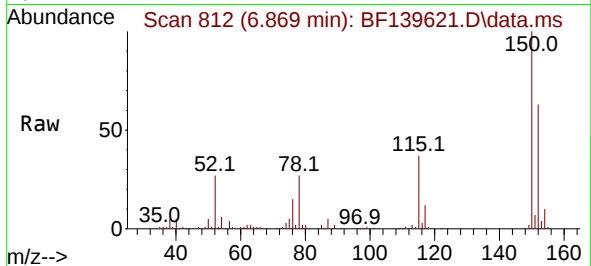




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139621.D
Acq: 03 Oct 2024 10:24

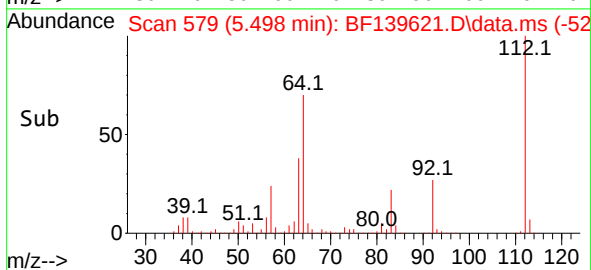
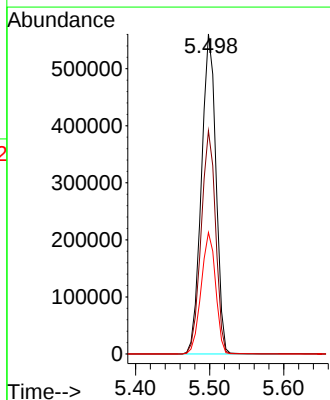
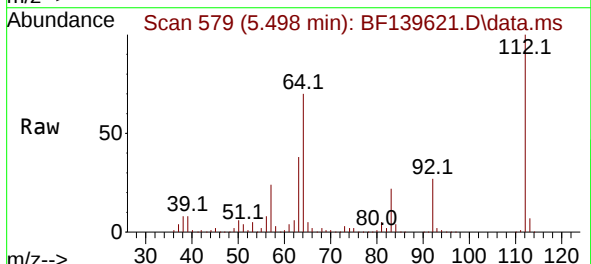
Instrument :
BNA_F
ClientSampleId :
PB163732BL

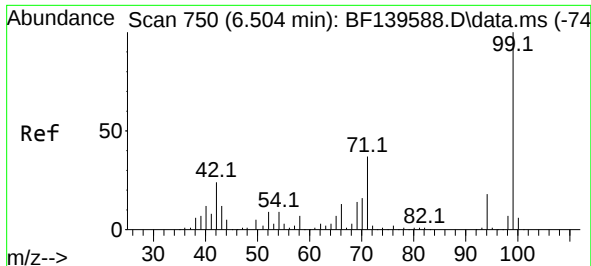
Tgt Ion:152 Resp: 99503
Ion Ratio Lower Upper
152 100
150 158.0 127.2 190.8
115 58.9 49.0 73.4



#5
2-Fluorophenol
Concen: 133.561 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139621.D
Acq: 03 Oct 2024 10:24

Tgt Ion:112 Resp: 766751
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.4
63 37.9 29.4 44.2

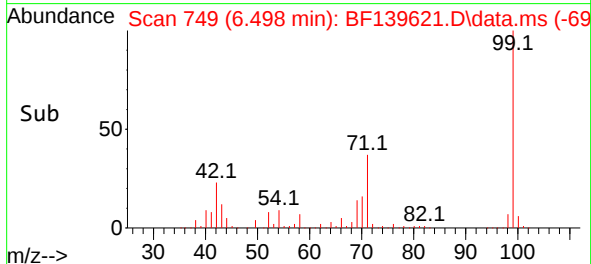
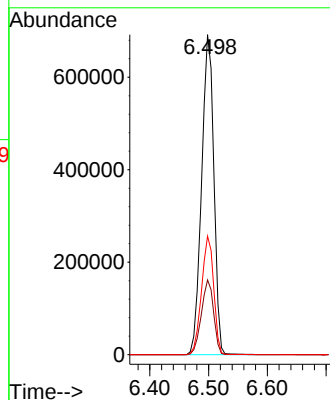
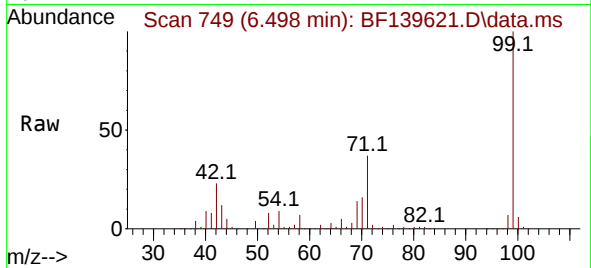




#7
Phenol-d6
Concen: 129.908 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139621.D
Acq: 03 Oct 2024 10:24

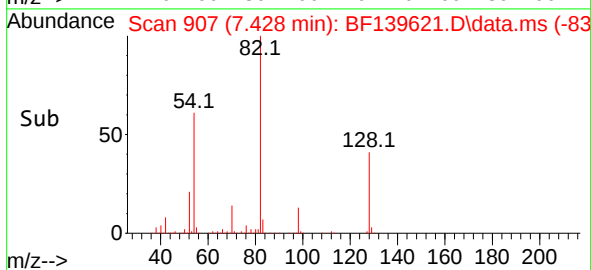
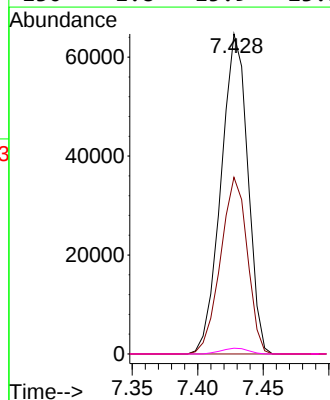
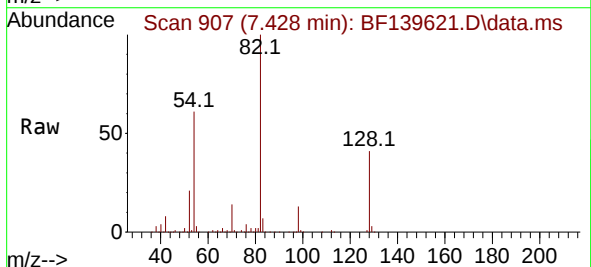
Instrument :
BNA_F
ClientSampleId :
PB163732BL

Tgt Ion: 99 Resp: 1002920
Ion Ratio Lower Upper
99 100
42 23.3 19.1 28.7
71 37.0 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 18.492 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139621.D
Acq: 03 Oct 2024 10:24

Tgt Ion: 70 Resp: 91784
Ion Ratio Lower Upper
70 100
42 55.2 58.0 87.0#
101 0.0 7.8 11.8#
130 1.8 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: BF139621.D
Acq: 03 Oct 2024 10:24

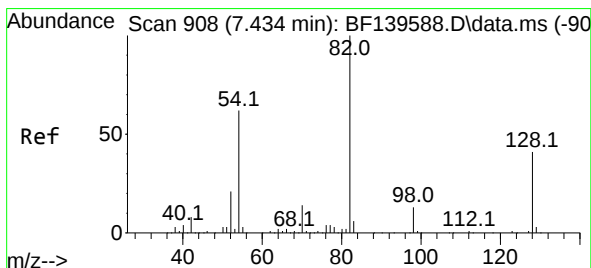
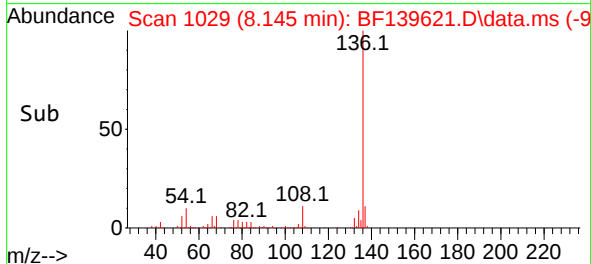
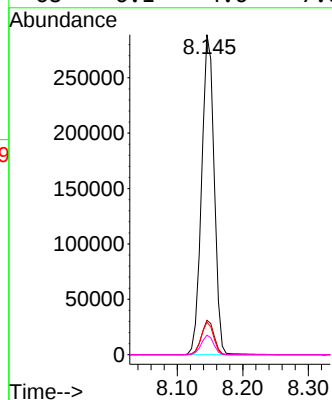
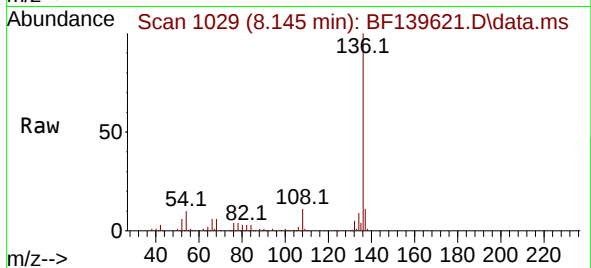
Instrument :

BNA_F

ClientSampleId :

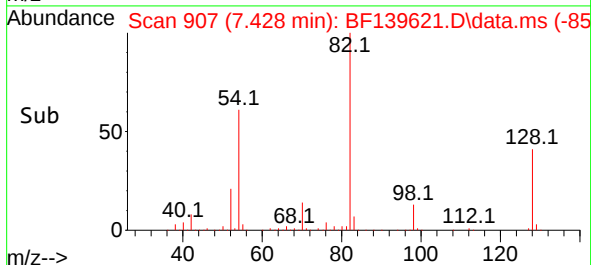
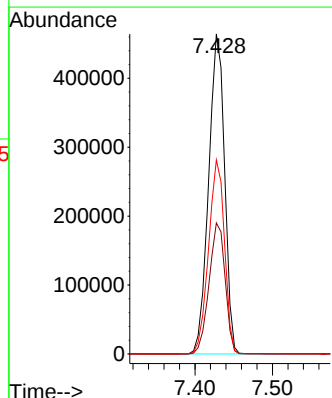
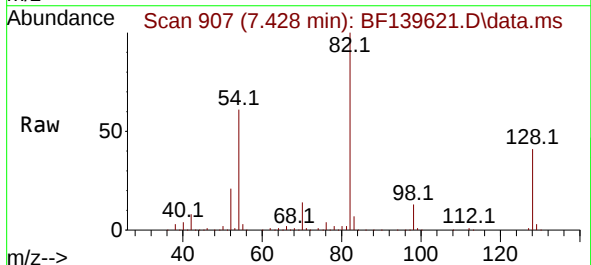
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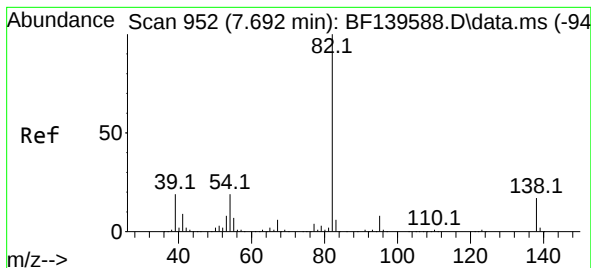
Tgt Ion:136 Resp: 385904
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 10.2 8.3 12.5
68 6.1 4.6 7.0



#23
Nitrobenzene-d5
Concen: 87.377 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139621.D
Acq: 03 Oct 2024 10:24

Tgt Ion: 82 Resp: 665987
Ion Ratio Lower Upper
82 100
128 41.0 32.4 48.6
54 60.7 49.1 73.7





#25

Isophorone

Concen: 48.978 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.265 min

Lab File: BF139621.D

Acq: 03 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163732BL

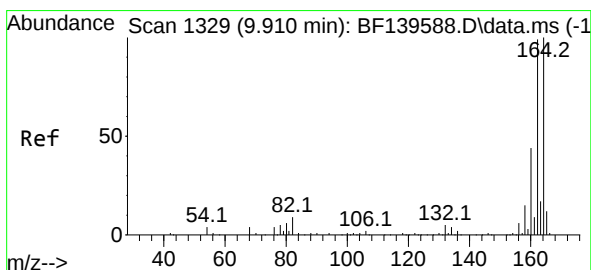
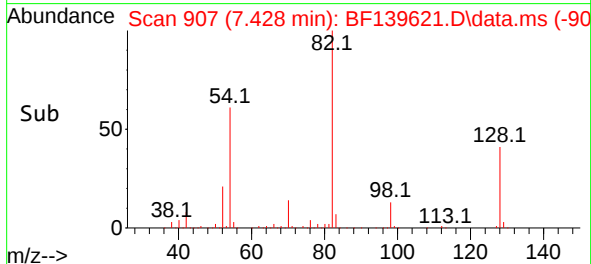
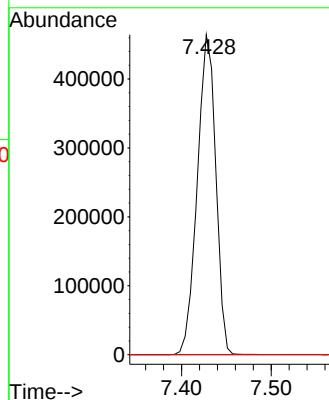
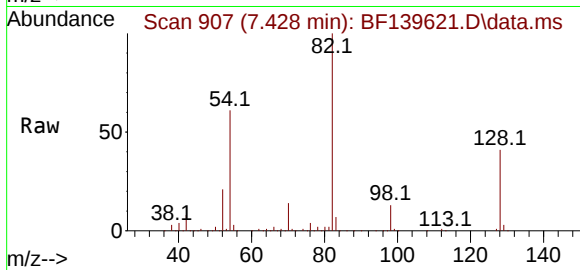
Tgt Ion: 82 Resp: 663037

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: BF139621.D

Acq: 03 Oct 2024 10:24

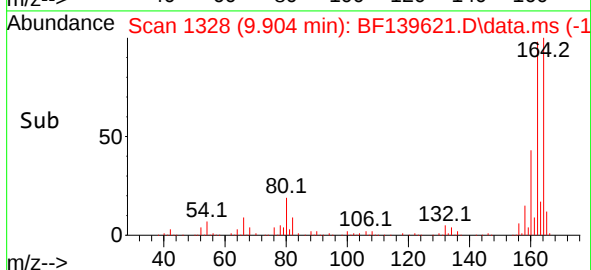
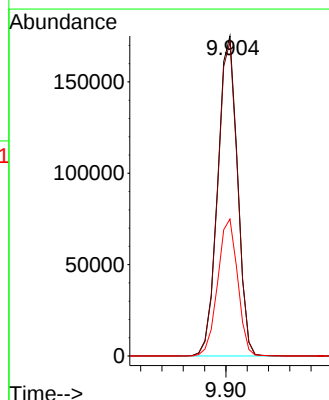
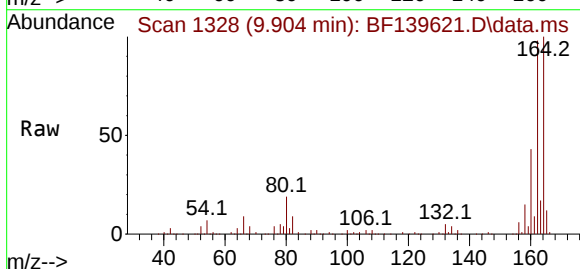
Tgt Ion: 164 Resp: 224944

Ion Ratio Lower Upper

164 100

162 98.2 79.4 119.0

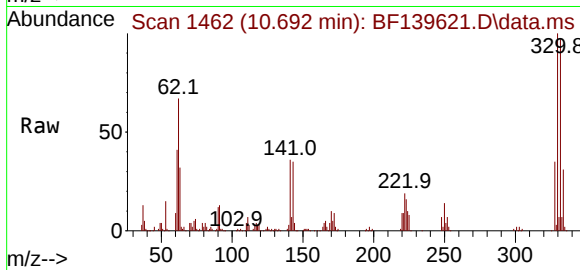
160 42.8 35.1 52.7



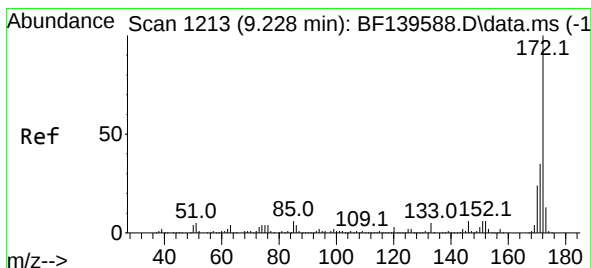
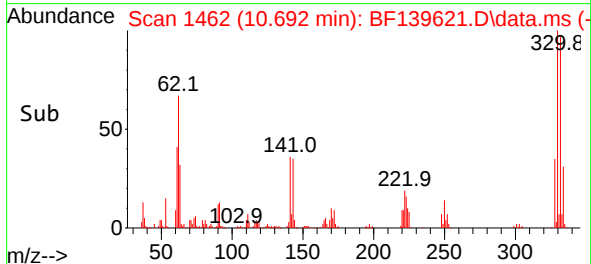
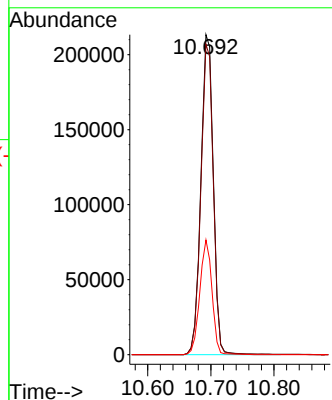


#42
2,4,6-Tribromophenol
Concen: 134.366 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139621.D
Acq: 03 Oct 2024 10:24

Instrument :
BNA_F
ClientSampleId :
PB163732BL

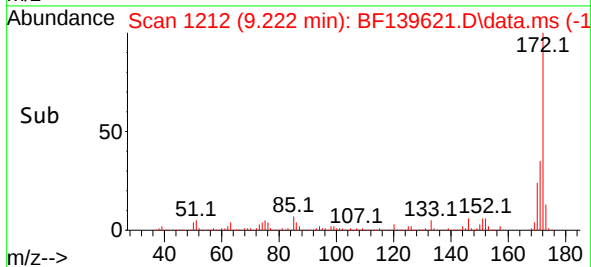
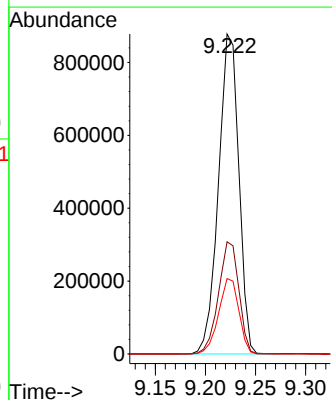
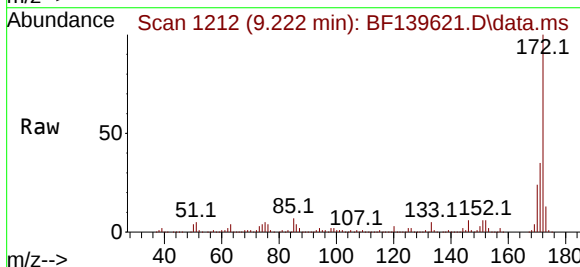


Tgt Ion:330 Resp: 291771
Ion Ratio Lower Upper
330 100
332 96.5 76.5 114.7
141 35.0 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 84.540 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139621.D
Acq: 03 Oct 2024 10:24

Tgt Ion:172 Resp: 1238725
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.6 18.8 28.2

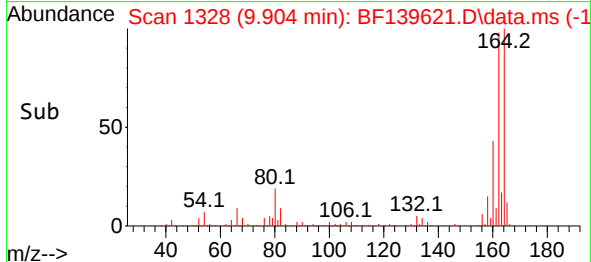
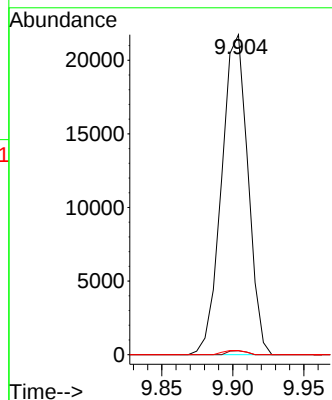
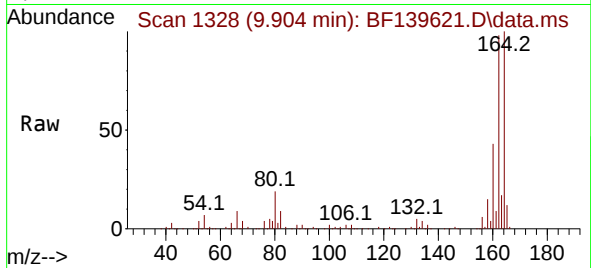




#51
2,6-Dinitrotoluene
Concen: 8.433 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139621.D
Acq: 03 Oct 2024 10:24

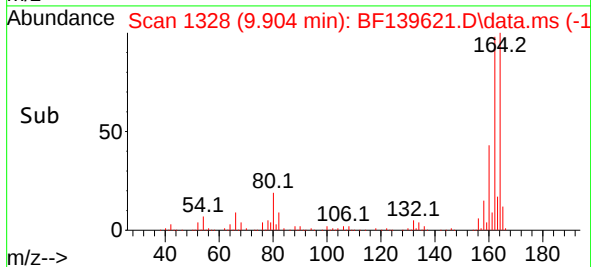
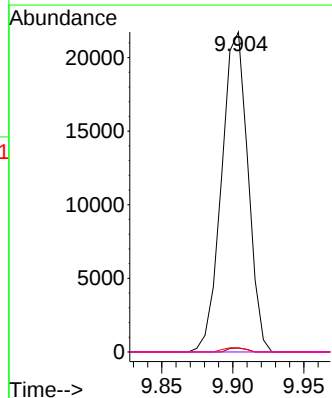
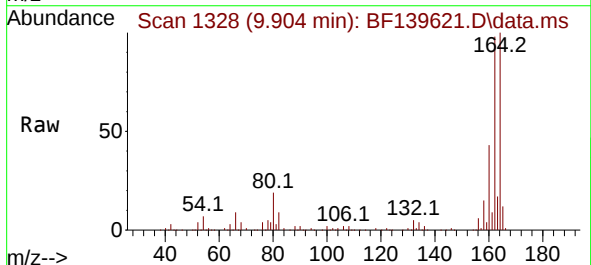
Instrument :
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ClientSampleId :
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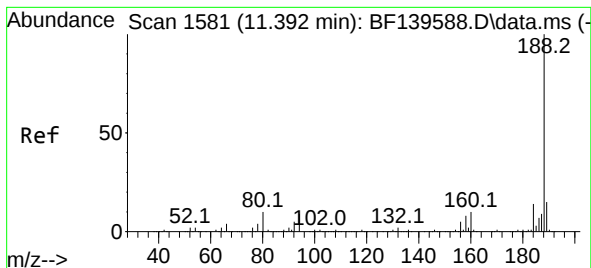
Tgt Ion:165 Resp: 28051
Ion Ratio Lower Upper
165 100
63 1.2 56.7 85.1#
89 1.3 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.452 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF139621.D
Acq: 03 Oct 2024 10:24

Tgt Ion:165 Resp: 28051
Ion Ratio Lower Upper
165 100
63 1.2 46.9 70.3#
89 1.3 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: BF139621.D

Acq: 03 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163732BL

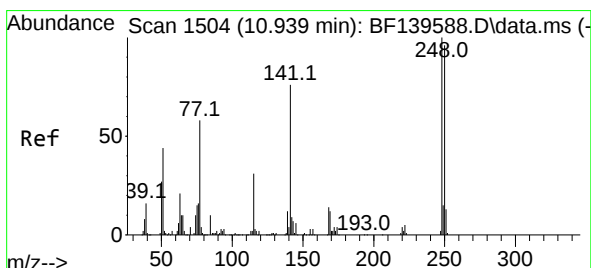
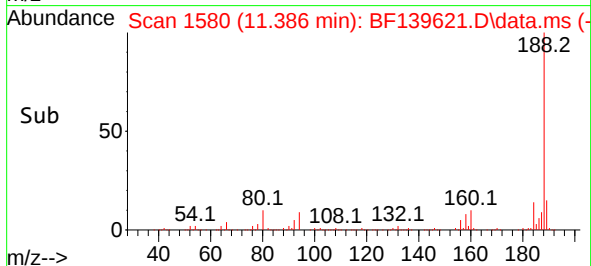
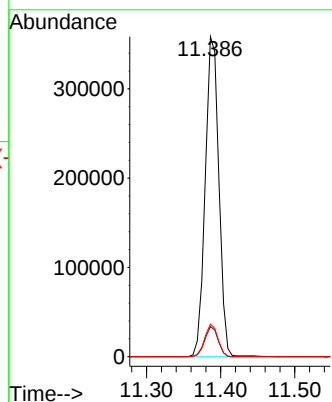
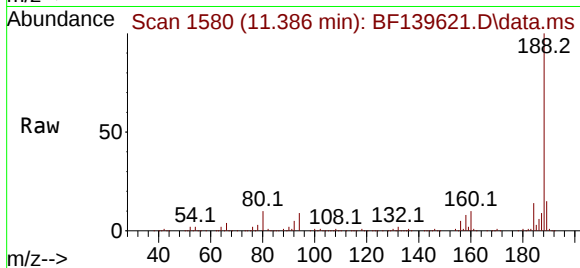
Tgt Ion:188 Resp: 459226

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.2 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.198 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139621.D

Acq: 03 Oct 2024 10:24

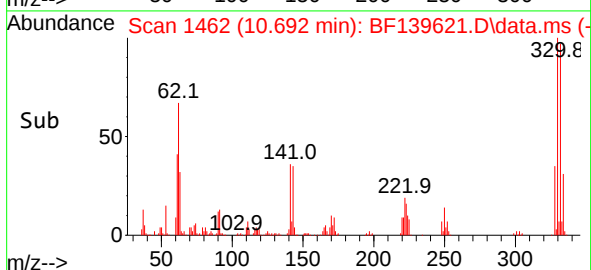
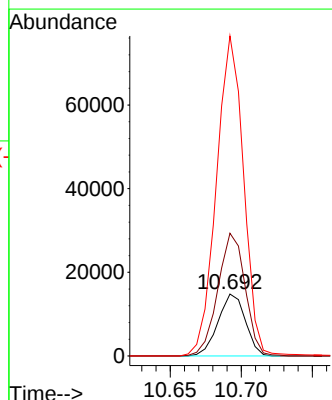
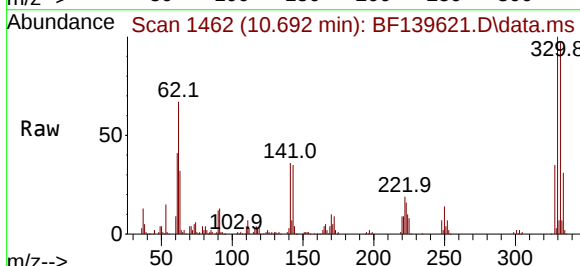
Tgt Ion:248 Resp: 19765

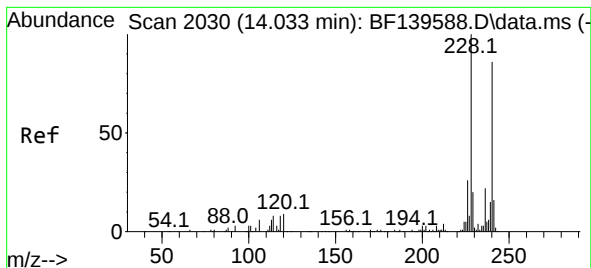
Ion Ratio Lower Upper

248 100

250 198.2 77.1 115.7#

141 517.1 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: BF139621.D

Acq: 03 Oct 2024 10:24

Instrument :

BNA_F

ClientSampleId :

PB163732BL

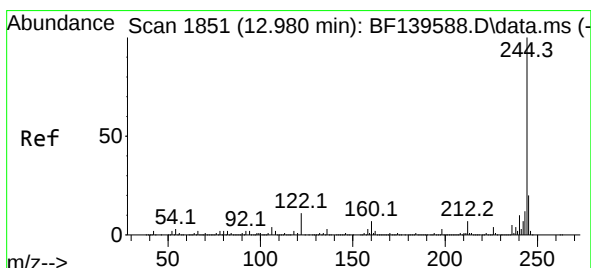
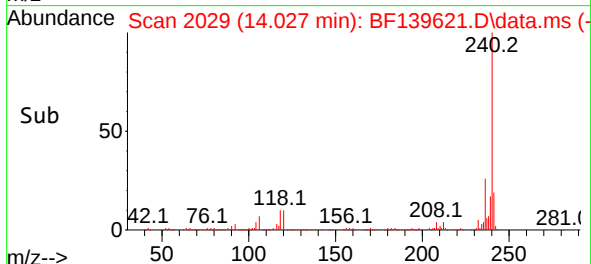
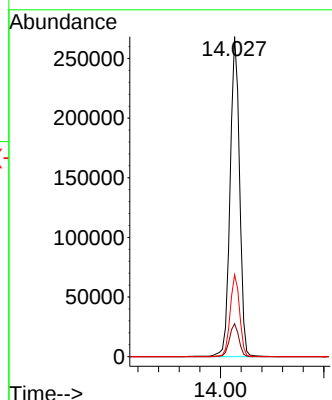
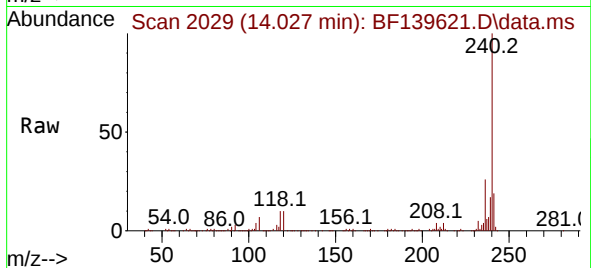
Tgt Ion:240 Resp: 341308

Ion Ratio Lower Upper

240 100

120 10.3 8.4 12.6

236 25.6 20.3 30.5



#79

Terphenyl-d14

Concen: 80.434 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139621.D

Acq: 03 Oct 2024 10:24

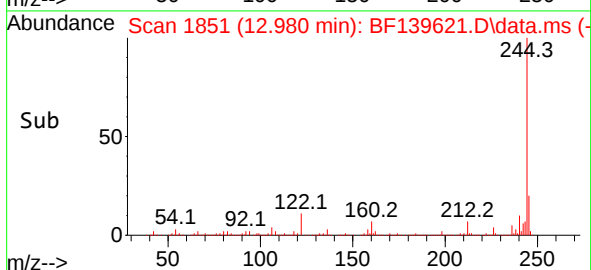
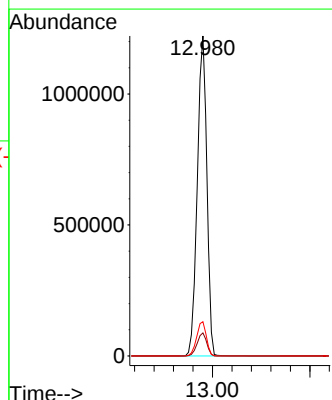
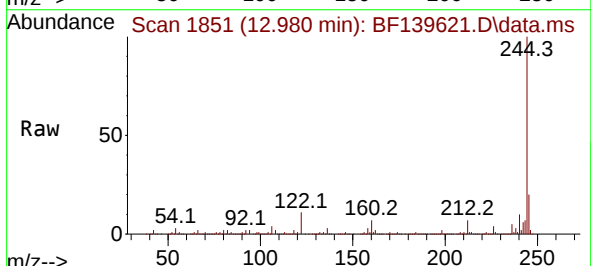
Tgt Ion:244 Resp: 1673112

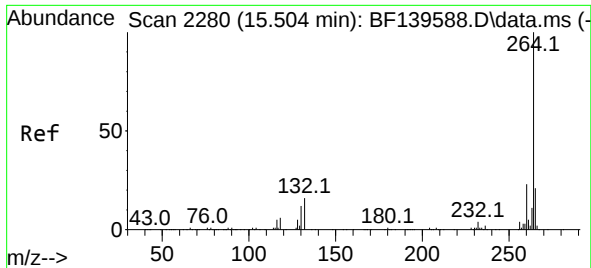
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 10.7 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: BF139621.D
 Acq: 03 Oct 2024 10:24

Instrument :
 BNA_F
 ClientSampleId :
 PB163732BL

Tgt Ion:264 Resp: 274094
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.7 16.9 25.3

