

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139648.D
 Acq On : 04 Oct 2024 10:52
 Operator : RC/JU
 Sample : P4242-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-Q

Quant Time: Oct 04 11:32:26 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)

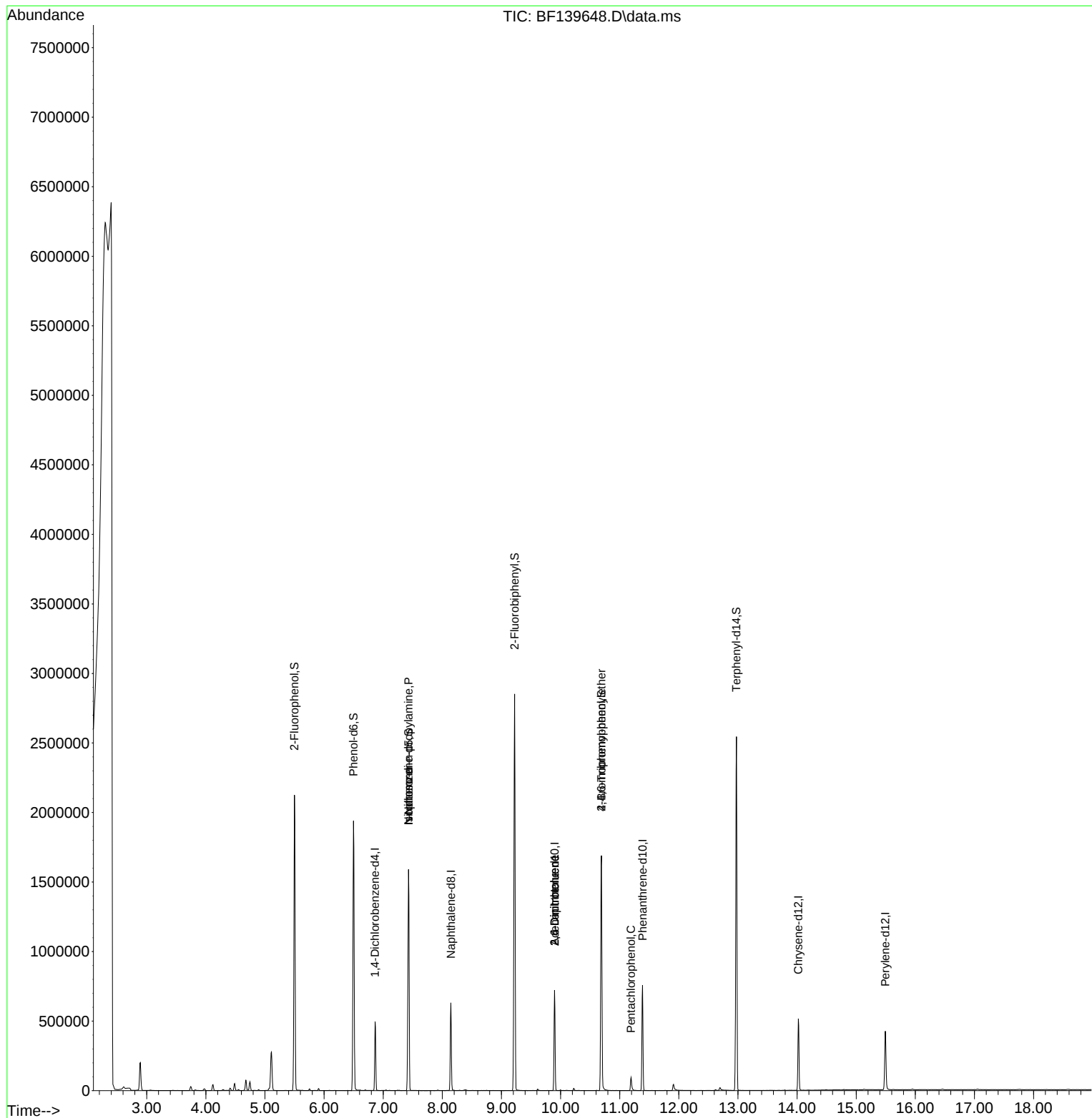
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	98789	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	371769	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	209714	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	395649	20.000	ng	0.00
76) Chrysene-d12	14.021	240	246363	20.000	ng	-0.01
86) Perylene-d12	15.492	264	252130	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	750880	131.741	ng	0.01
7) Phenol-d6	6.498	99	907138	118.351	ng	0.00
23) Nitrobenzene-d5	7.428	82	720066	98.064	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	284233	140.400	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1271761	93.098	ng	0.00
79) Terphenyl-d14	12.974	244	1267183	84.397	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	97419	19.769	ng	# 76
25) Isophorone	7.428	82	715818	54.887	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	27308	8.806	ng	# 17
57) 2,4-Dinitrotoluene	9.898	165	27308	6.737	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	19751	4.869	ng	# 1
70) Pentachlorophenol	11.192	266	18844	7.030	ng	99

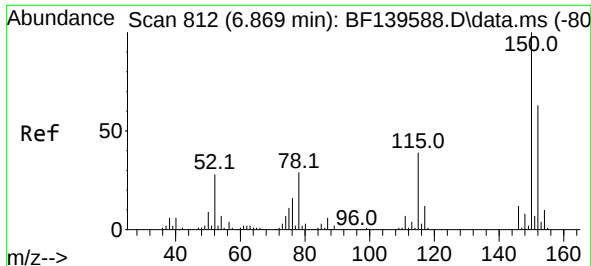
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
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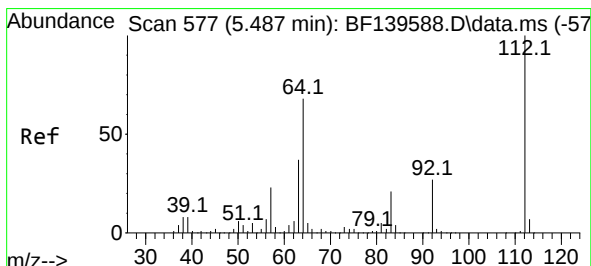
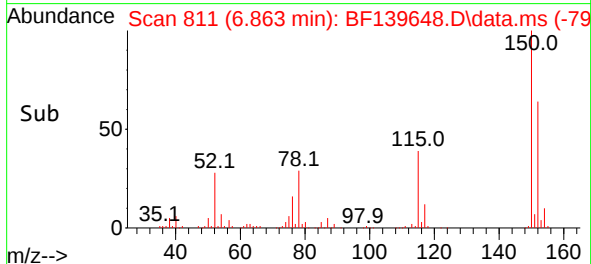
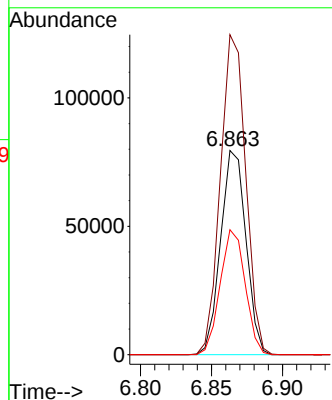
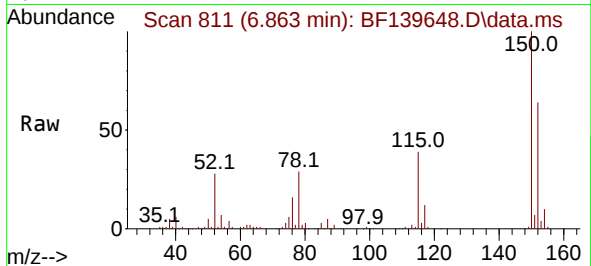




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

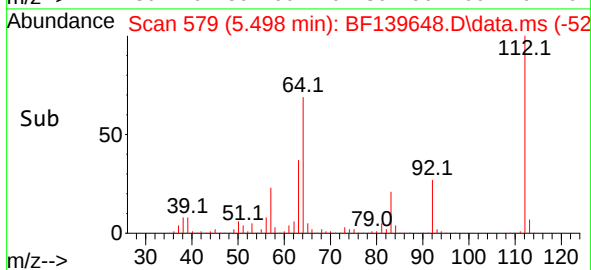
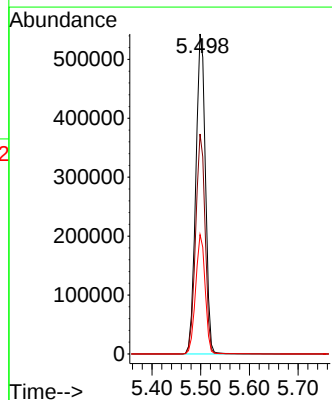
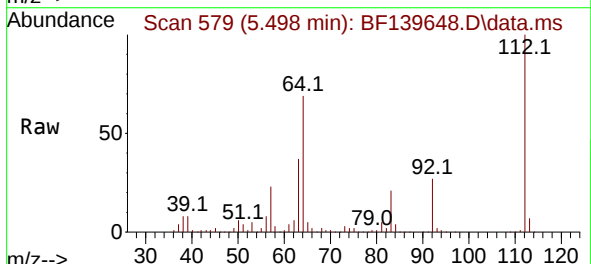
Instrument :
BNA_F
ClientSampleId :
TP-Q

Tgt Ion:152 Resp: 98789
Ion Ratio Lower Upper
152 100
150 156.7 127.2 190.8
115 61.2 49.0 73.4



#5
2-Fluorophenol
Concen: 131.741 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.011 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

Tgt Ion:112 Resp: 750880
Ion Ratio Lower Upper
112 100
64 68.8 54.2 81.4
63 37.3 29.4 44.2

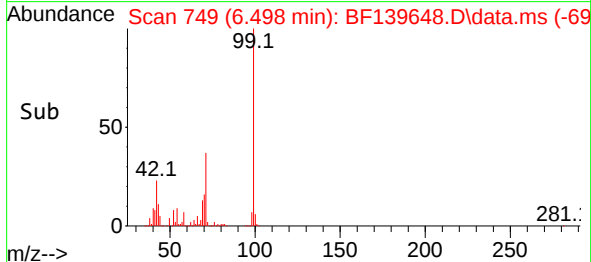
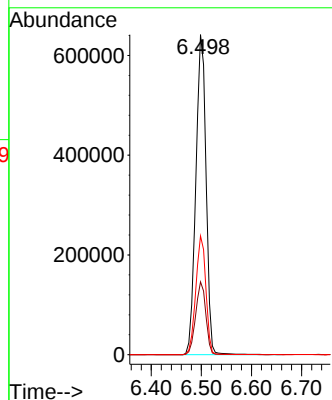
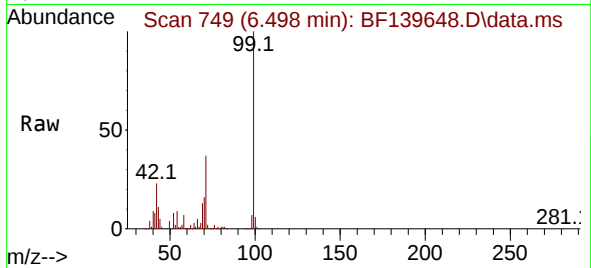




#7
Phenol-d6
Concen: 118.351 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

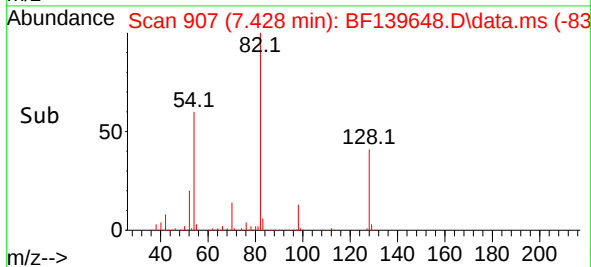
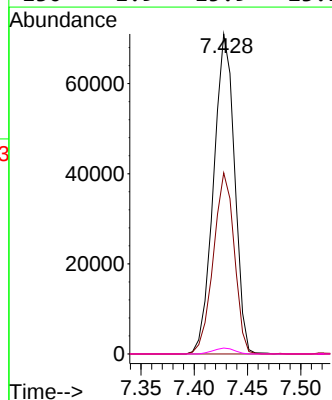
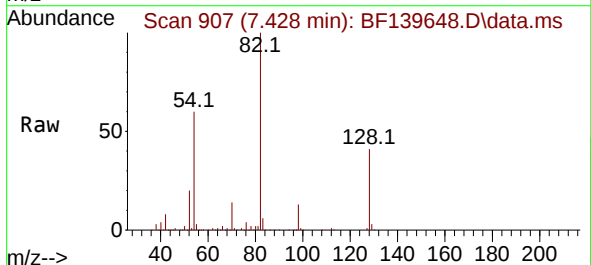
Instrument :
BNA_F
ClientSampleId :
TP-Q

Tgt Ion: 99 Resp: 907138
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 37.1 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.769 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

Tgt Ion: 70 Resp: 97419
Ion Ratio Lower Upper
70 100
42 56.6 58.0 87.0#
101 0.0 7.8 11.8#
130 1.9 15.9 23.9#



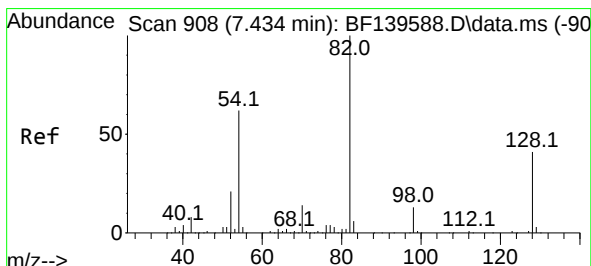
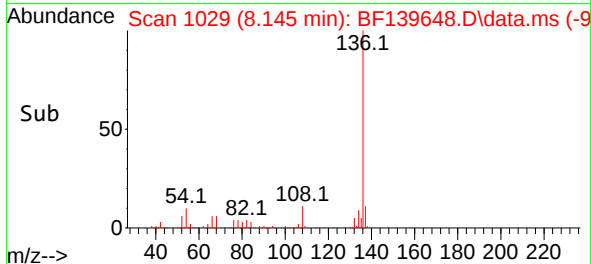
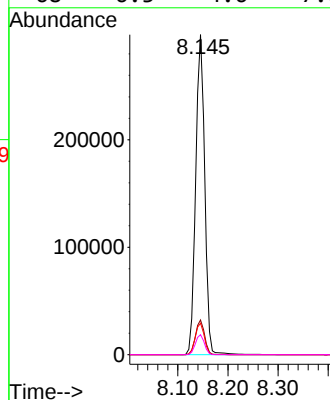
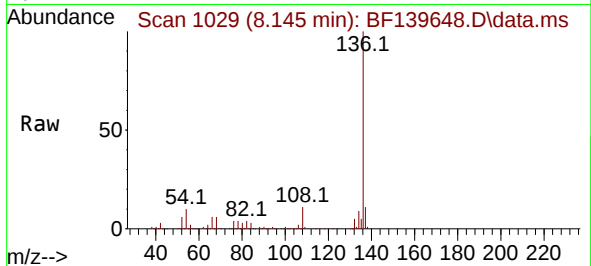


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

Instrument :
BNA_F
ClientSampleId :
TP-Q

Tgt Ion:136 Resp: 371769

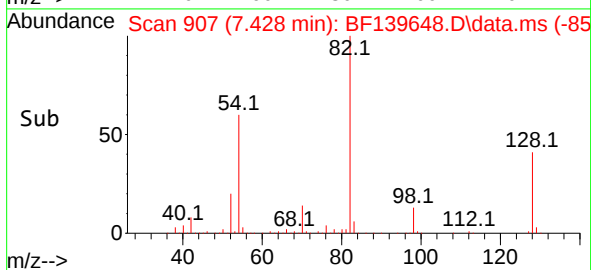
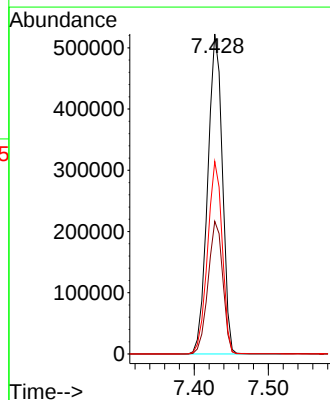
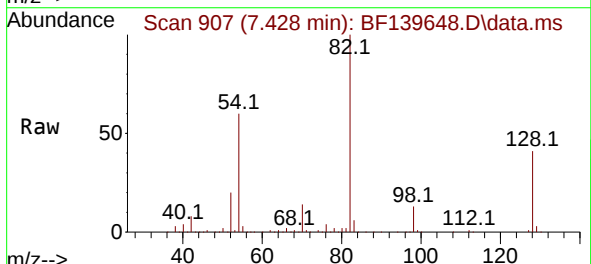
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.8	8.3	12.5
68	6.3	4.6	7.0



#23
Nitrobenzene-d5
Concen: 98.064 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

Tgt Ion: 82 Resp: 720066

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.4	48.6
54	60.2	49.1	73.7

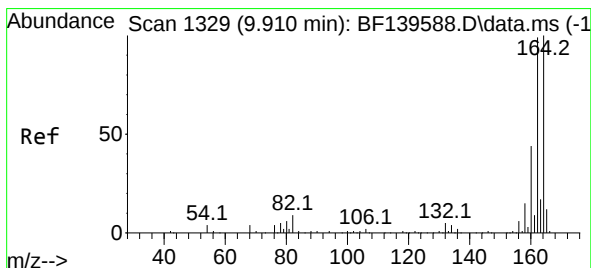
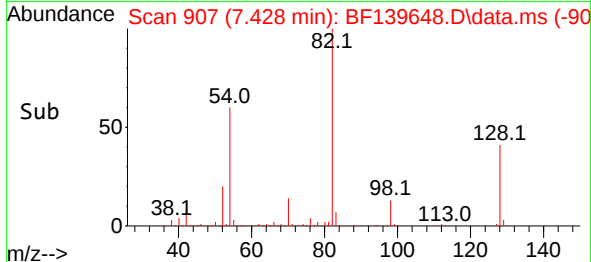
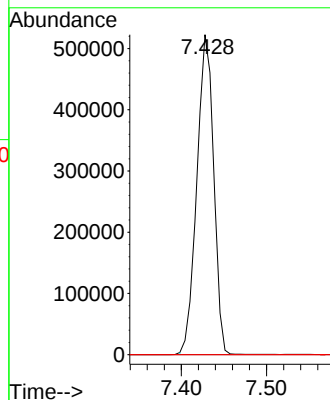
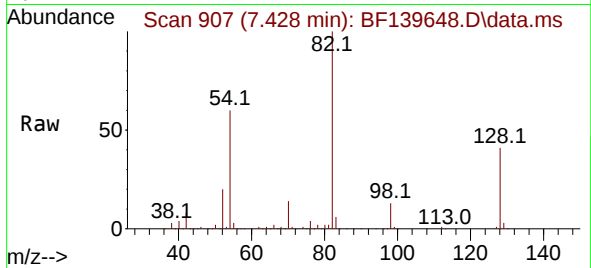




#25
Isophorone
Concen: 54.887 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

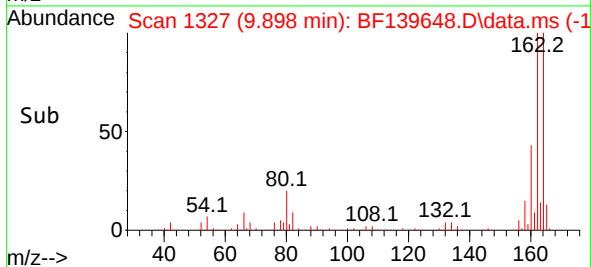
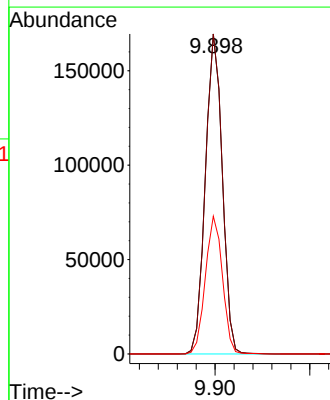
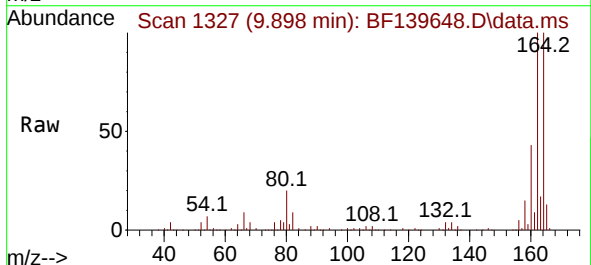
Instrument :
BNA_F
ClientSampleId :
TP-Q

Tgt Ion: 82 Resp: 715818
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: BF139648.D
Acq: 04 Oct 2024 10:52

Tgt Ion:164 Resp: 209714
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 43.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 140.400 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.006 min

Lab File: BF139648.D

Acq: 04 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

TP-Q

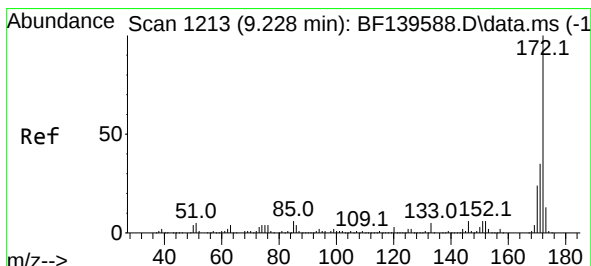
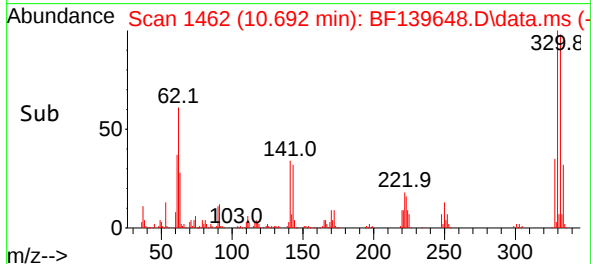
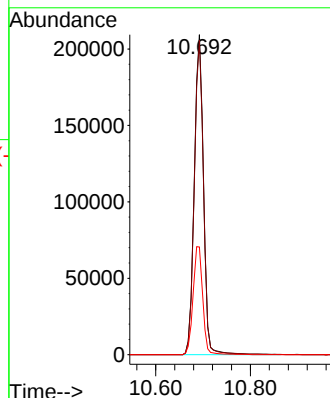
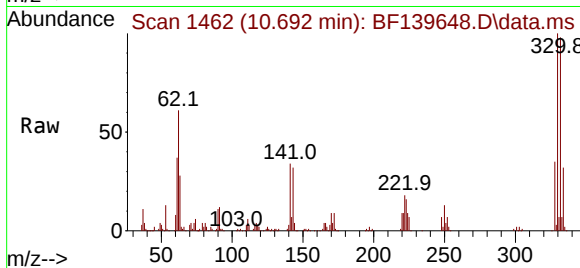
Tgt Ion:330 Resp: 284233

Ion Ratio Lower Upper

330 100

332 97.9 76.5 114.7

141 35.3 29.3 43.9



#45

2-Fluorobiphenyl

Concen: 93.098 ng

RT: 9.222 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF139648.D

Acq: 04 Oct 2024 10:52

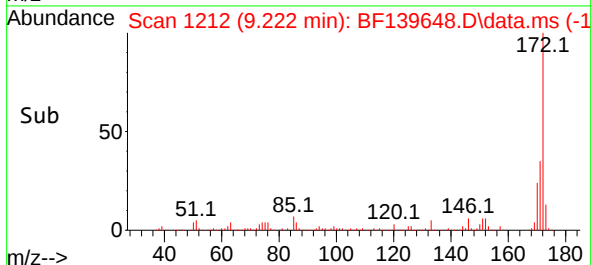
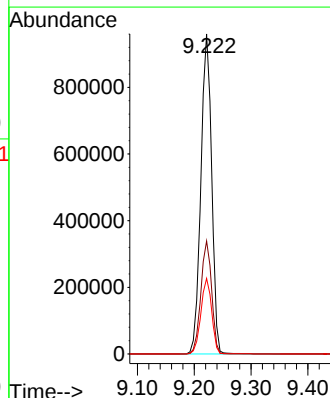
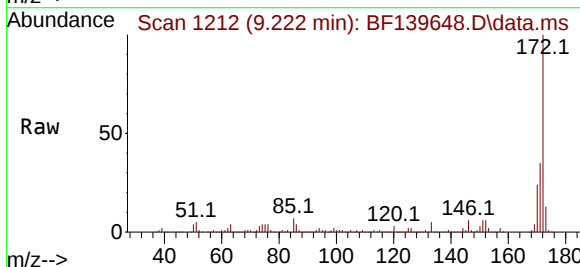
Tgt Ion:172 Resp: 1271761

Ion Ratio Lower Upper

172 100

171 35.3 28.2 42.4

170 23.6 18.8 28.2

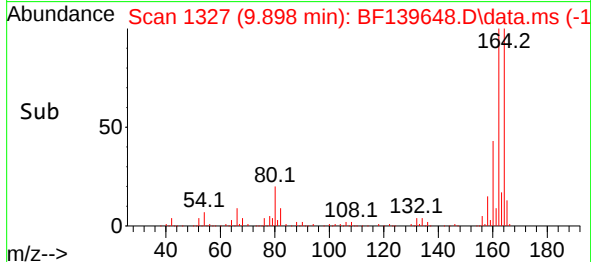
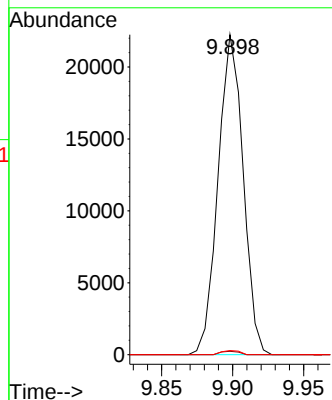
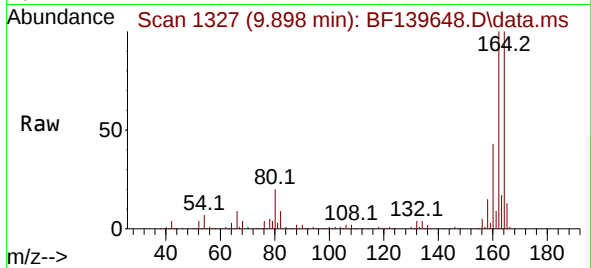




#51
2,6-Dinitrotoluene
Concen: 8.806 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

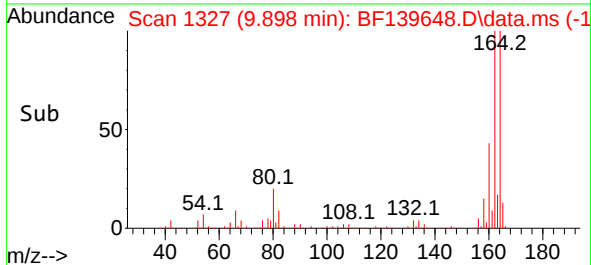
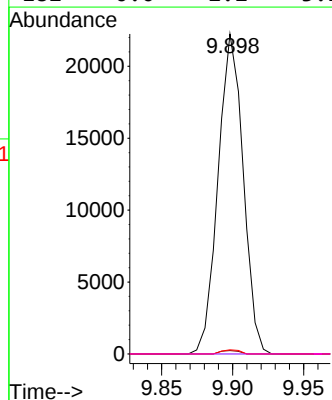
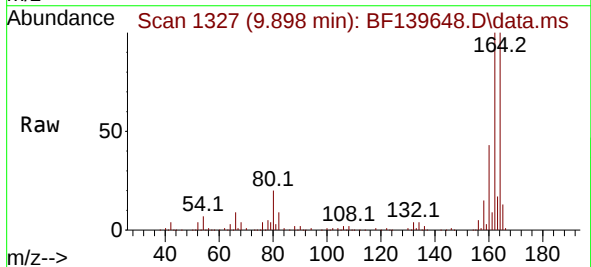
Instrument :
BNA_F
ClientSampleId :
TP-Q

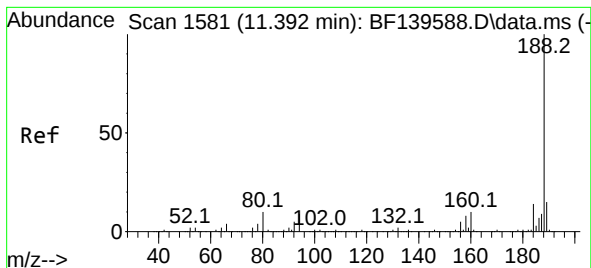
Tgt Ion:165 Resp: 27308
Ion Ratio Lower Upper
165 100
63 1.0 56.7 85.1#
89 1.3 51.6 77.4#



#57
2,4-Dinitrotoluene
Concen: 6.737 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

Tgt Ion:165 Resp: 27308
Ion Ratio Lower Upper
165 100
63 1.0 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: BF139648.D

Acq: 04 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

TP-Q

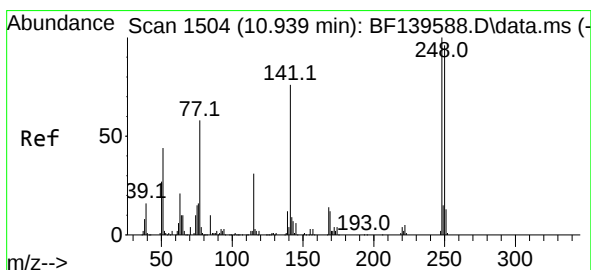
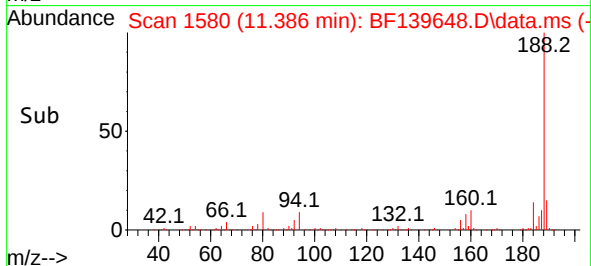
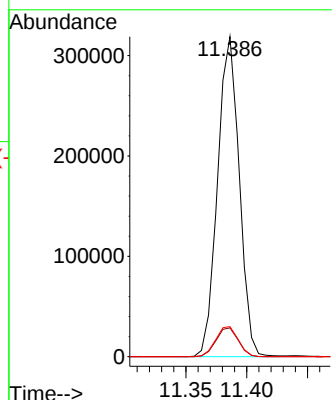
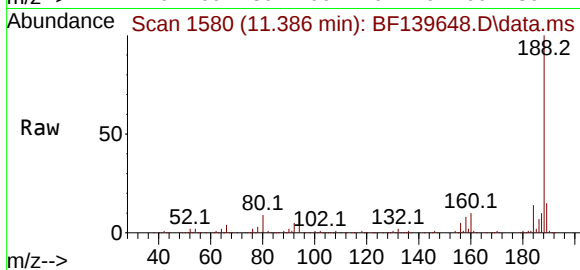
Tgt Ion:188 Resp: 395649

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.4 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.869 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF139648.D

Acq: 04 Oct 2024 10:52

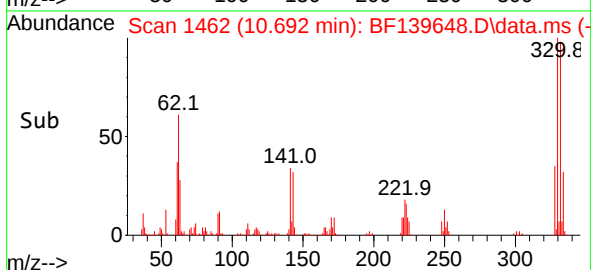
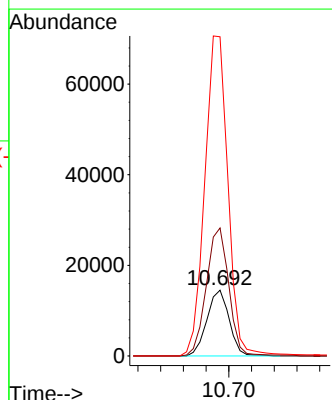
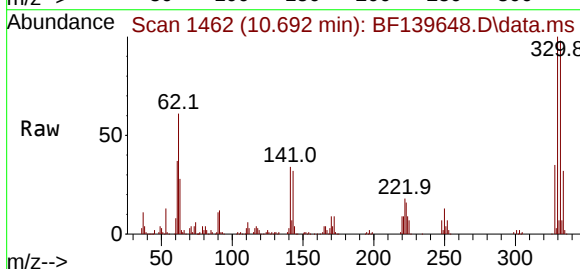
Tgt Ion:248 Resp: 19751

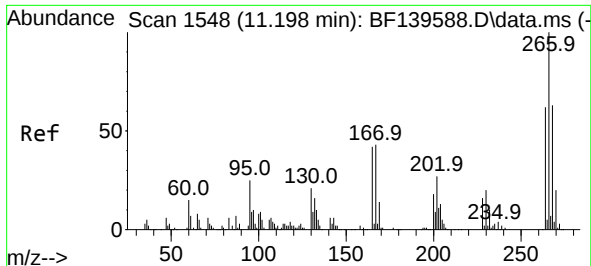
Ion Ratio Lower Upper

248 100

250 194.8 77.1 115.7#

141 485.6 60.4 90.6#

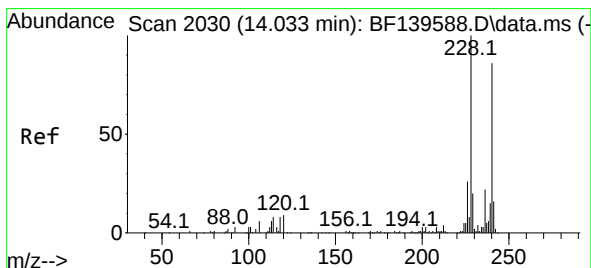
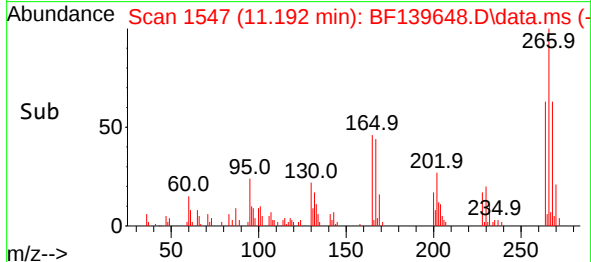
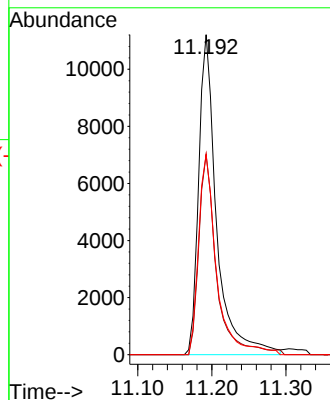
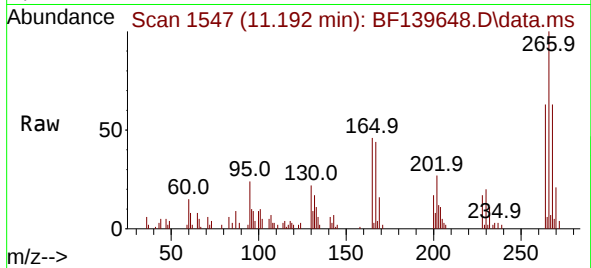




#70
Pentachlorophenol
Concen: 7.030 ng
RT: 11.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

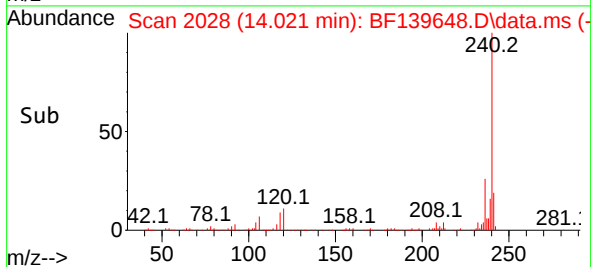
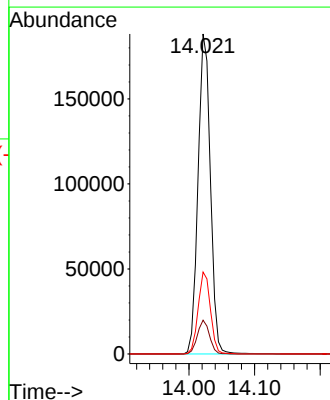
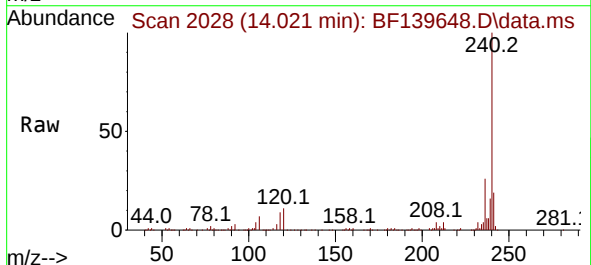
Instrument :
BNA_F
ClientSampleId :
TP-Q

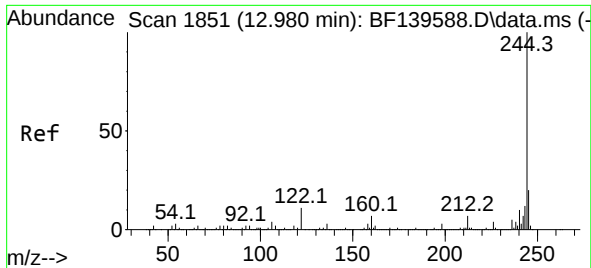
Tgt Ion:266 Resp: 18844
Ion Ratio Lower Upper
266 100
268 62.6 50.0 75.0
264 62.5 49.3 73.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

Tgt Ion:240 Resp: 246363
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 25.6 20.3 30.5

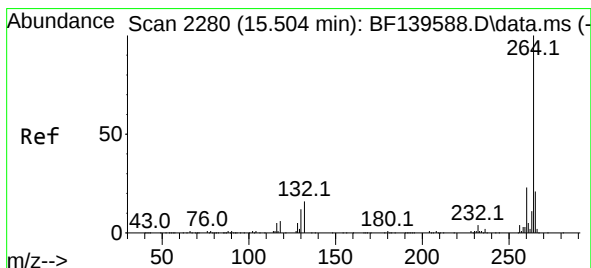
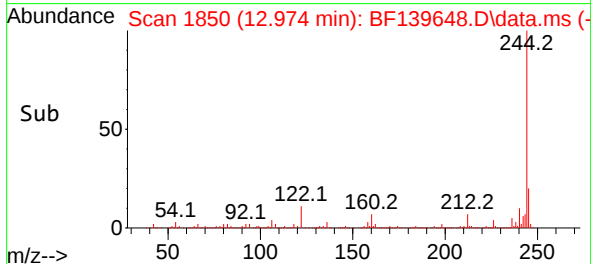
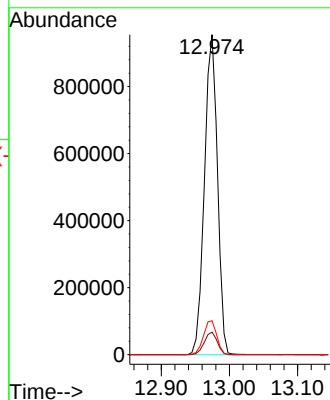
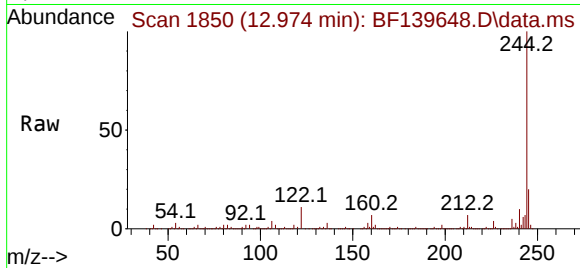




#79
 Terphenyl-d14
 Concen: 84.397 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139648.D
 Acq: 04 Oct 2024 10:52

Instrument :
 BNA_F
 ClientSampleId :
 TP-Q

Tgt Ion:244 Resp: 1267183
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 10.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2278
 Delta R.T. -0.012 min
 Lab File: BF139648.D
 Acq: 04 Oct 2024 10:52

Tgt Ion:264 Resp: 252130
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.2 16.9 25.3

