

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)

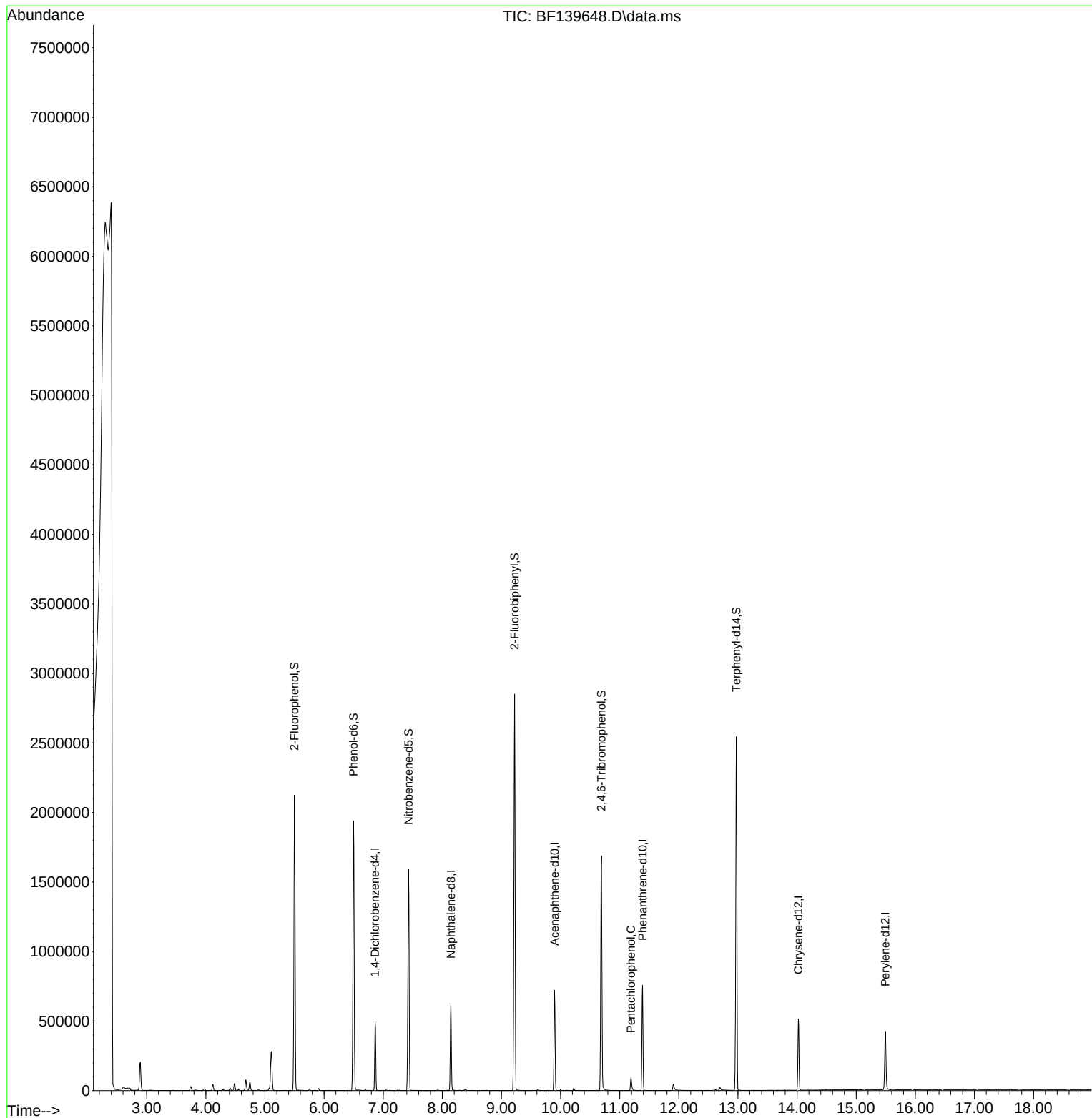
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	98789	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	371769	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	209714	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	395649	20.000	ng	0.00
76) Chrysene-d12	14.021	240	246363	20.000	ng	-0.01
86) Perylene-d12	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						
70) Pentachlorophenol	11.192	266	18844	7.030	ng	Qvalue 99

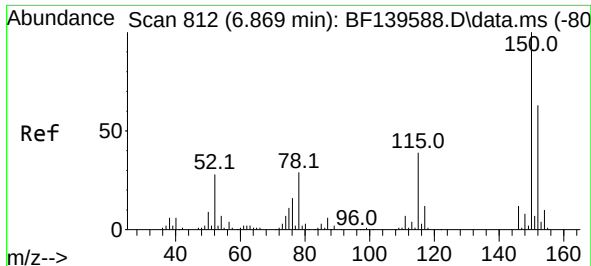
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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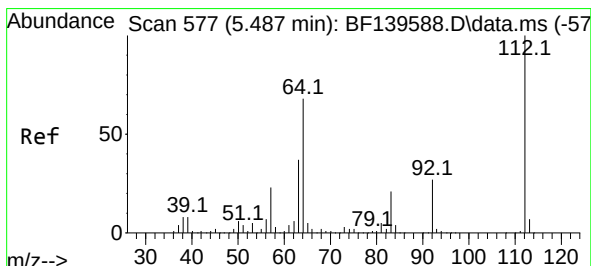
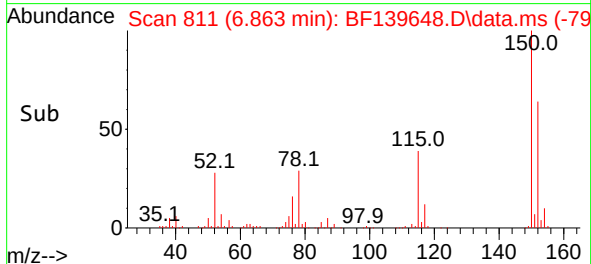
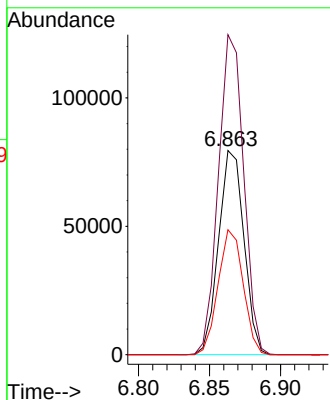
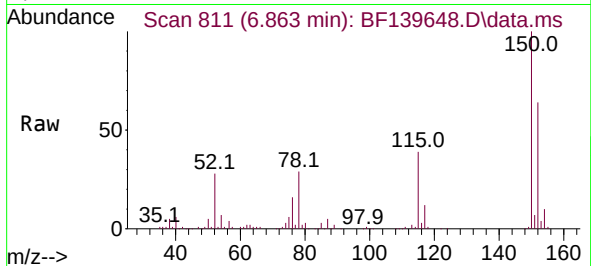




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

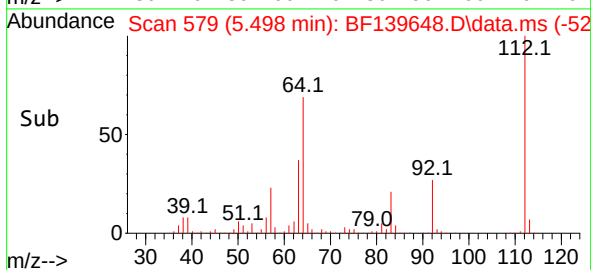
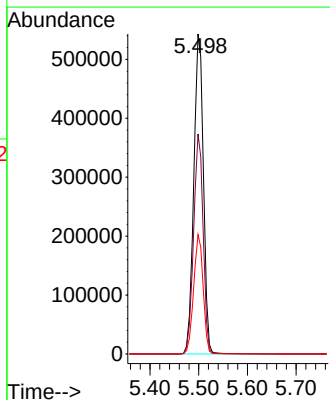
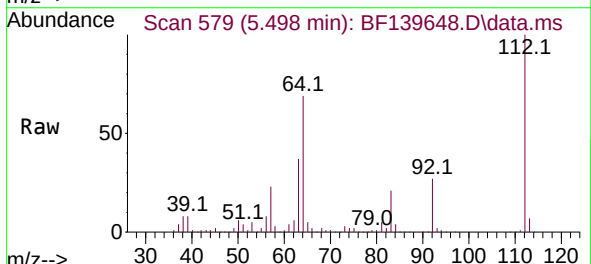
Instrument :
BNA_F
ClientSampleId :
TP-Q

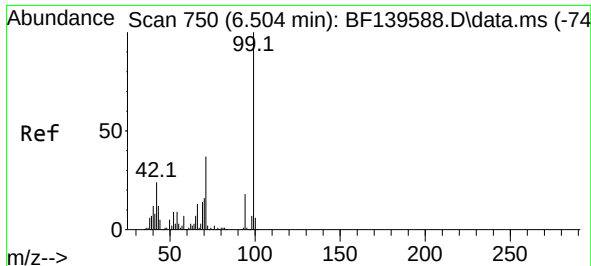
Tgt Ion:152 Resp: 98789
Ion Ratio Lower Upper
152 100
150 156.7 127.2 190.8
115 61.2 49.0 73.4



#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

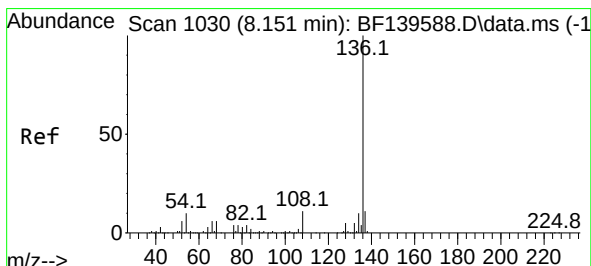
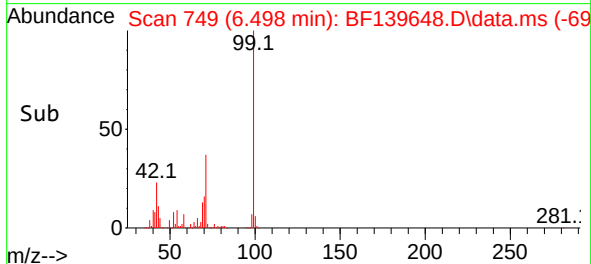
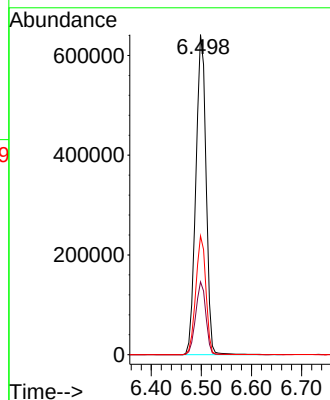
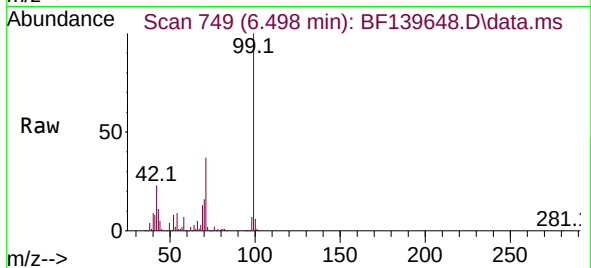




#7
Phenol-d6
Concen: 118.351 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

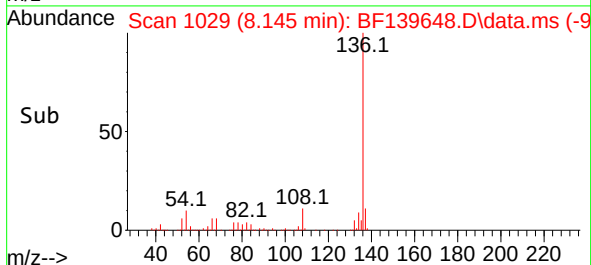
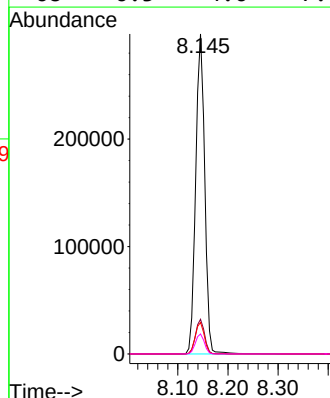
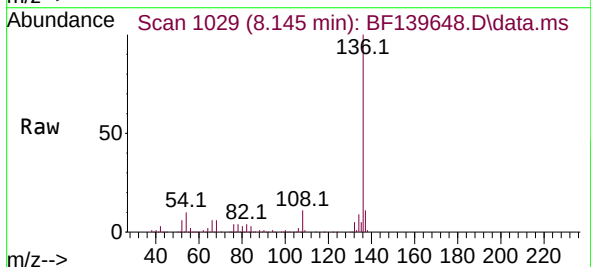
Instrument :
BNA_F
ClientSampleId :
TP-Q

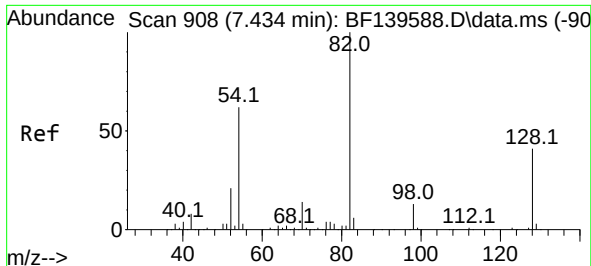
Tgt Ion: 99 Resp: 907138
Ion Ratio Lower Upper
99 100
42 22.7 19.1 28.7
71 37.1 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

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

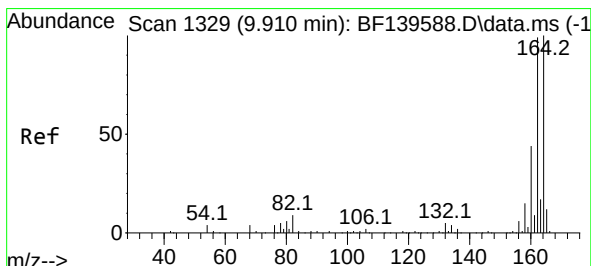
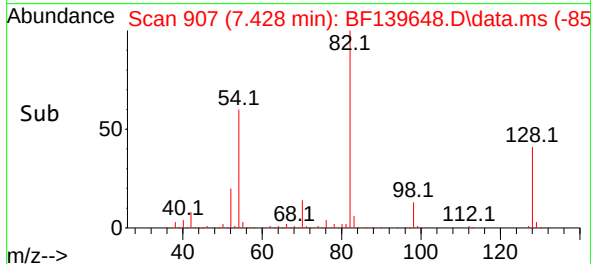
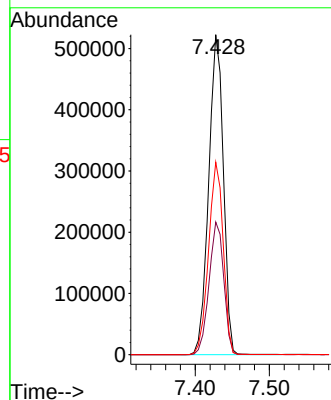
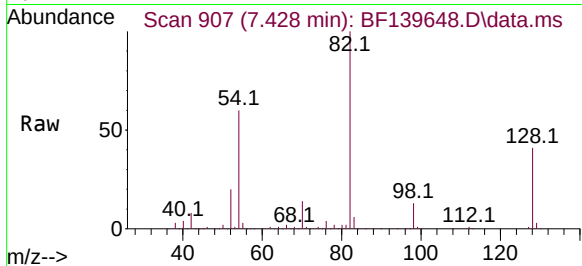




#23
 Nitrobenzene-d5
 Concen: 98.064 ng
 RT: 7.428 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: BF139648.D
 Acq: 04 Oct 2024 10:52

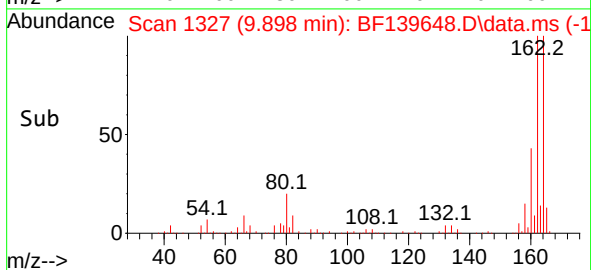
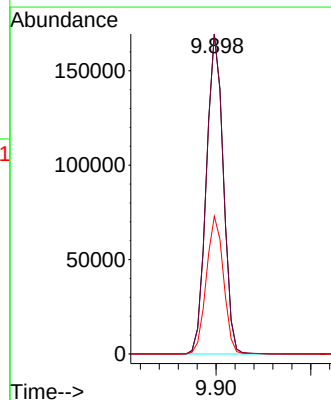
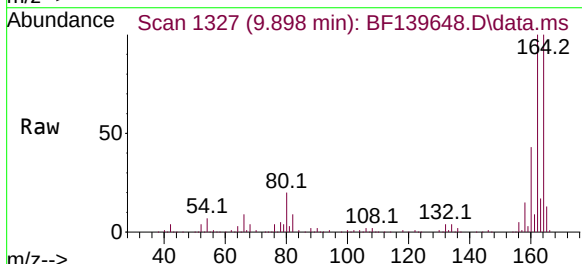
Instrument :
 BNA_F
 ClientSampleId :
 TP-Q

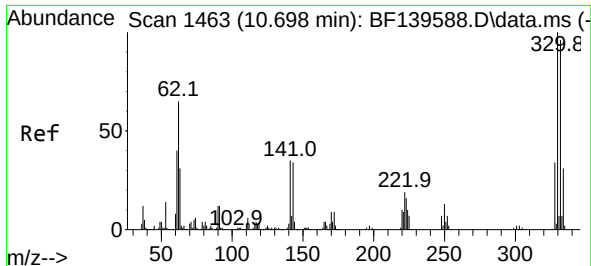
Tgt Ion: 82 Resp: 720066
 Ion Ratio Lower Upper
 82 100
 128 41.4 32.4 48.6
 54 60.2 49.1 73.7



#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

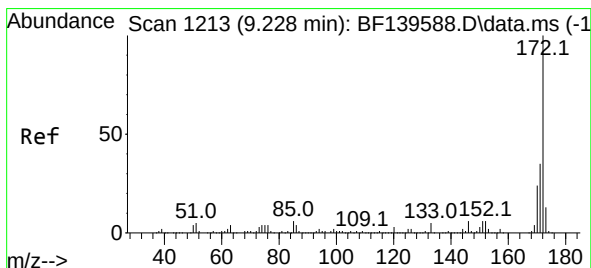
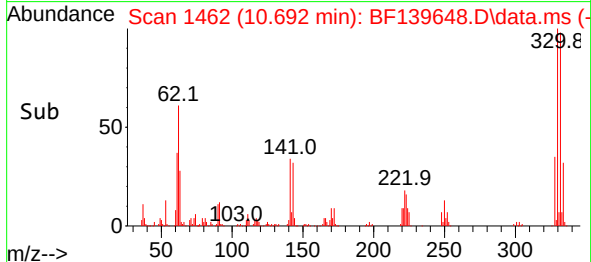
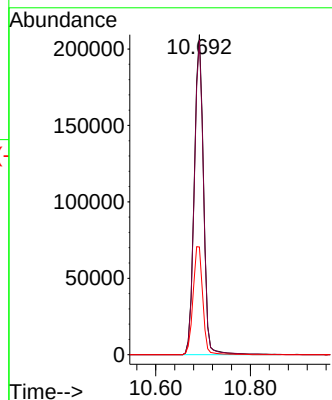
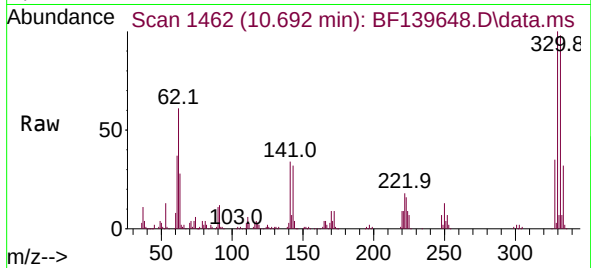




#42
2,4,6-Tribromophenol
Concen: 140.400 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF139648.D
Acq: 04 Oct 2024 10:52

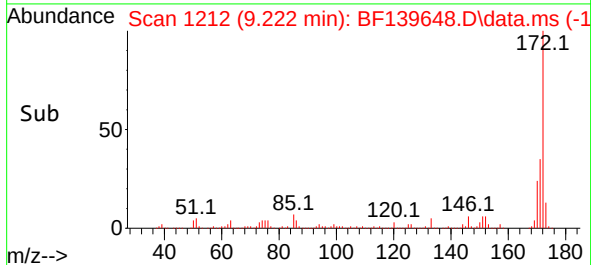
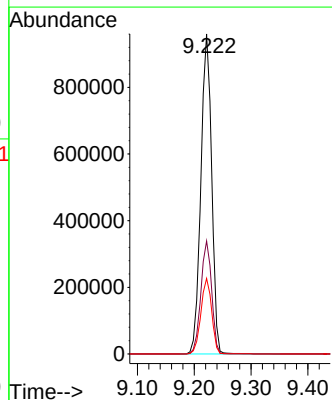
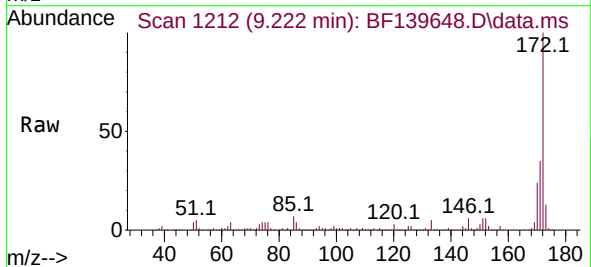
Instrument :
BNA_F
ClientSampleId :
TP-Q

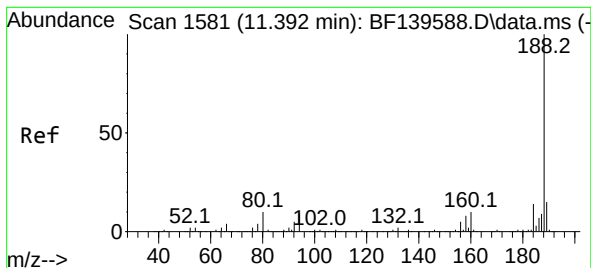
Tgt Ion: 330 Resp: 284233
Ion Ratio Lower Upper
330 100
332 97.9 76.5 114.7
141 35.3 29.3 43.9



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 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

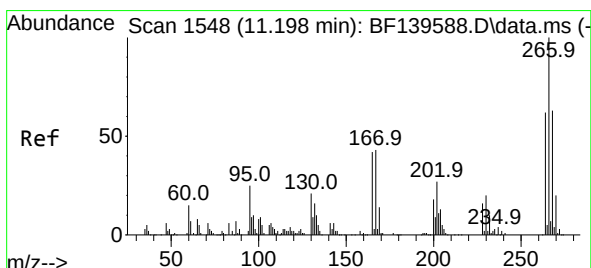
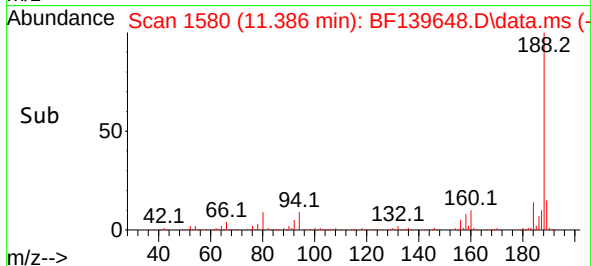
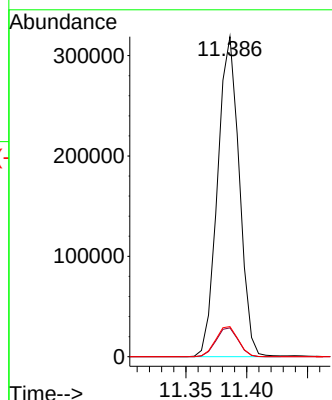
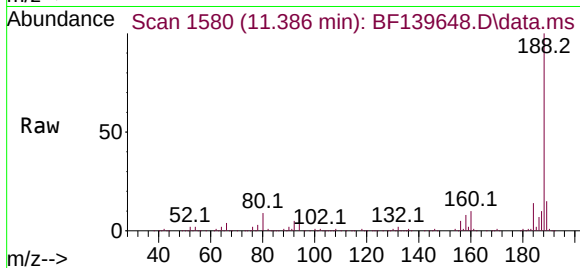
Tgt Ion:188 Resp: 395649

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

80 9.4 8.2 12.2



#70

Pentachlorophenol

Concen: 7.030 ng

RT: 11.192 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF139648.D

Acq: 04 Oct 2024 10:52

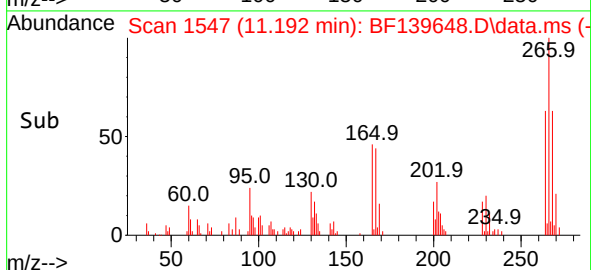
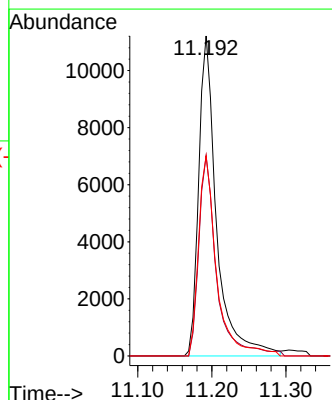
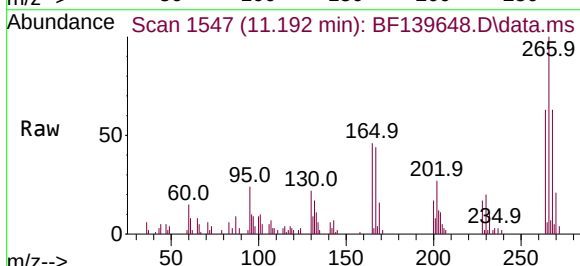
Tgt Ion:266 Resp: 18844

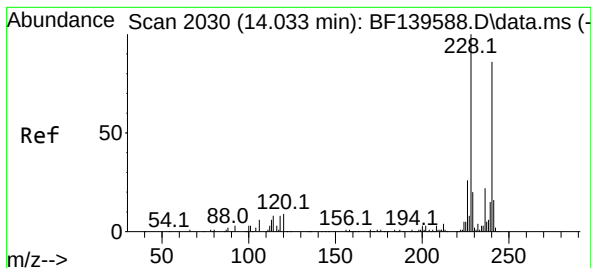
Ion Ratio Lower Upper

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# 2030

Delta R.T. -0.012 min

Lab File: BF139648.D

Acq: 04 Oct 2024 10:52

Instrument :

BNA_F

ClientSampleId :

TP-Q

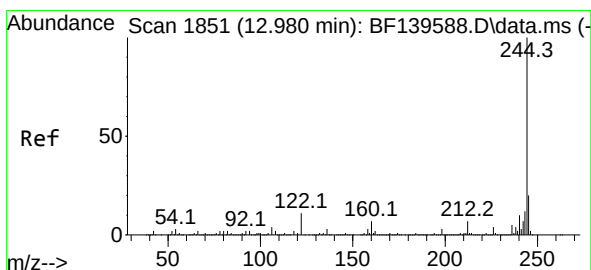
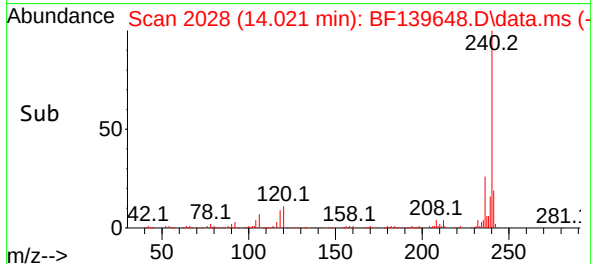
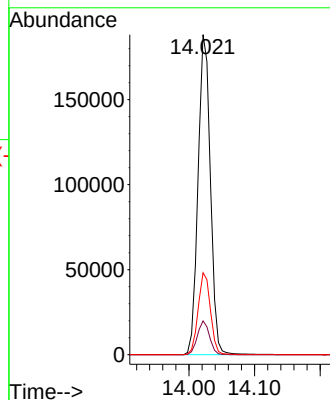
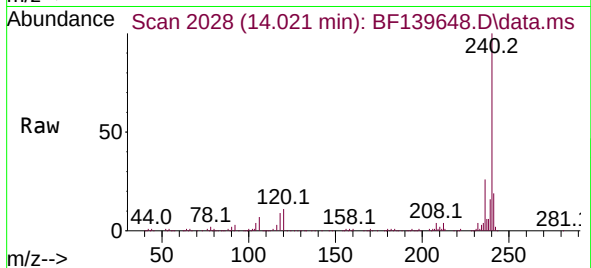
Tgt Ion:240 Resp: 246363

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

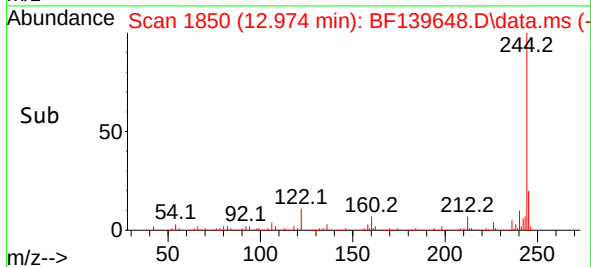
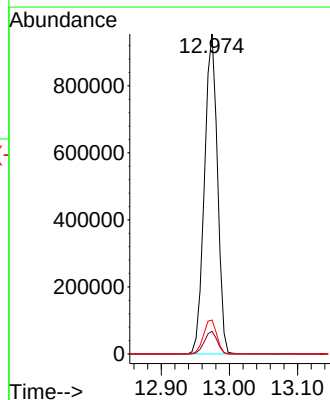
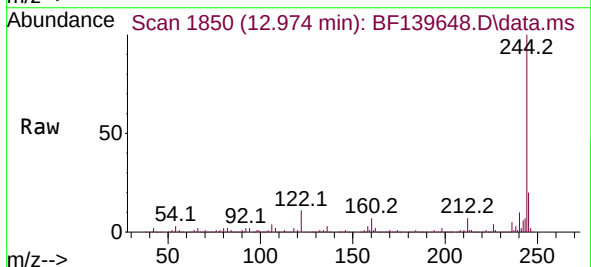
Tgt Ion:244 Resp: 1267183

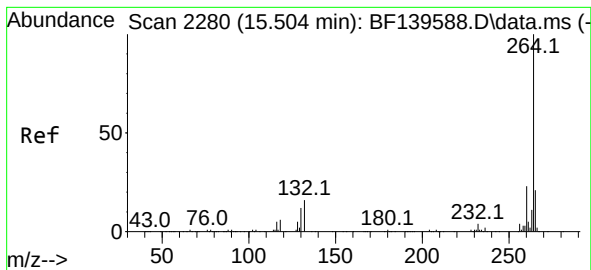
Ion Ratio Lower Upper

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# 21
 Delta R.T. -0.012 min
 Lab File: BF139648.D
 Acq: 04 Oct 2024 10:52

Instrument :
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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

