

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139670.D
 Acq On : 04 Oct 2024 21:12
 Operator : RC/JU
 Sample : P4236-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Quant Time: Oct 04 22:56:18 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	75998	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	264930	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	129157	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	221724	20.000	ng	0.00
76) Chrysene-d12	14.021	240	171665	20.000	ng	-0.01
86) Perylene-d12	15.492	264	134551	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	487264	111.128	ng	0.00
7) Phenol-d6	6.498	99	624356	105.886	ng	0.00
23) Nitrobenzene-d5	7.428	82	395022	75.492	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	120642	96.761	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	681277	80.978	ng	0.00
79) Terphenyl-d14	12.968	244	682885	65.272	ng	-0.01

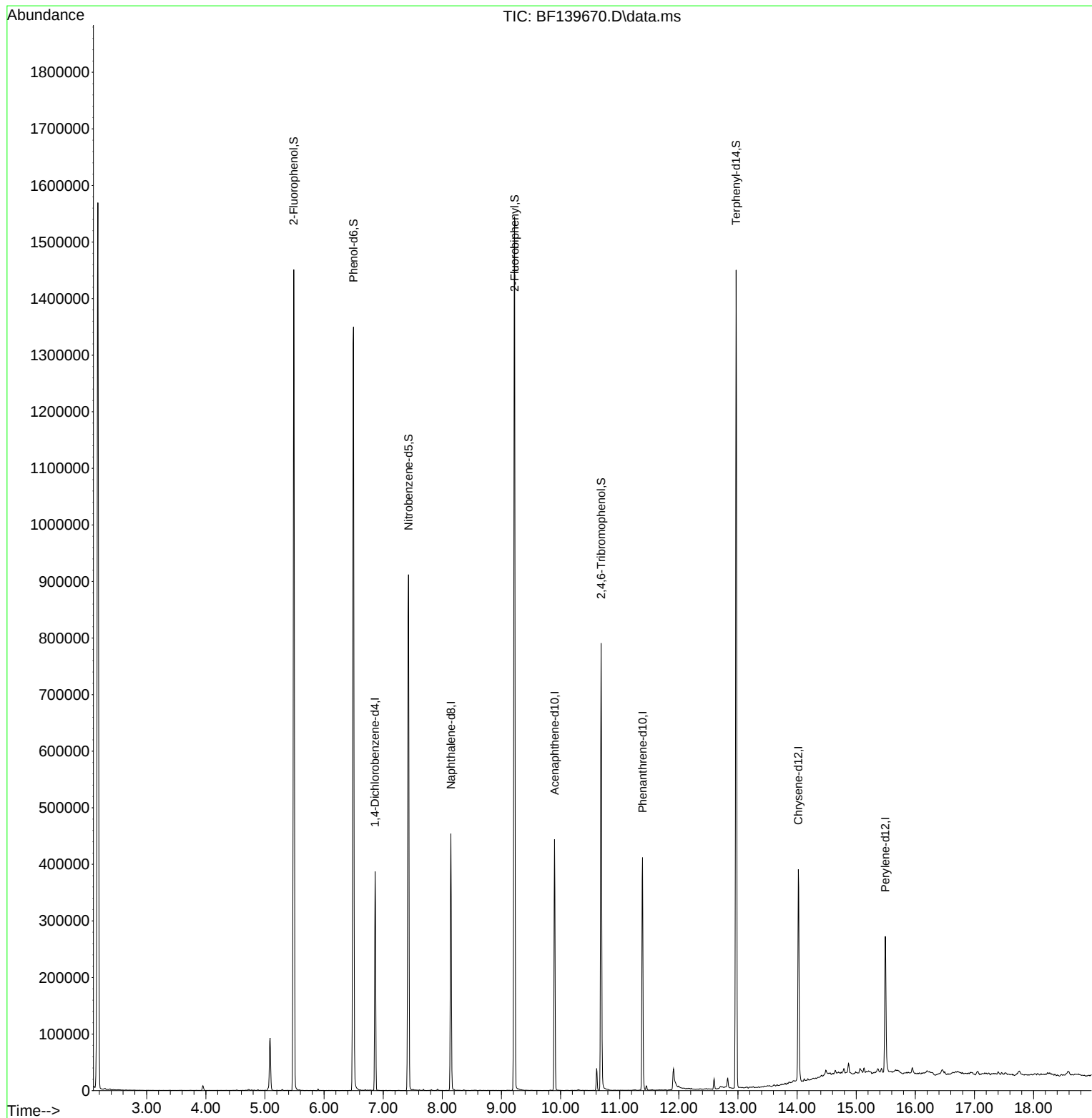
Target Compounds	Qvalue

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

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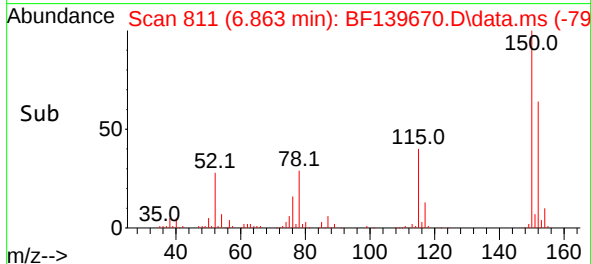
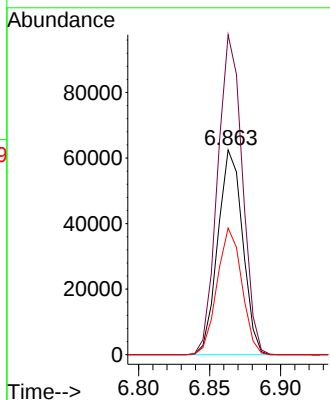
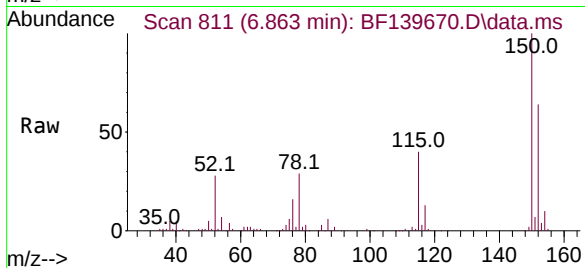




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

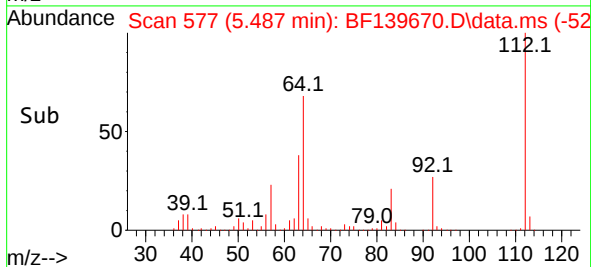
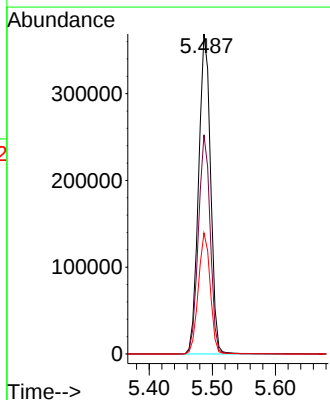
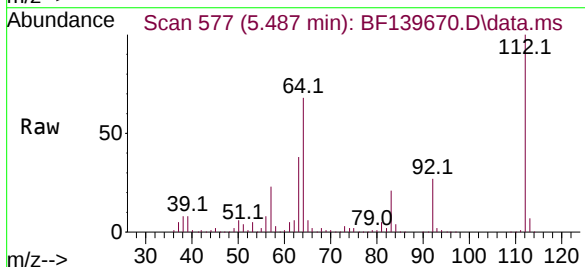
Instrument :
BNA_F
ClientSampleId :
TP4

Tgt Ion:152 Resp: 75998
Ion Ratio Lower Upper
152 100
150 156.3 127.2 190.8
115 61.8 49.0 73.4



#5
2-Fluorophenol
Concen: 111.128 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

Tgt Ion:112 Resp: 487264
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 37.8 29.4 44.2

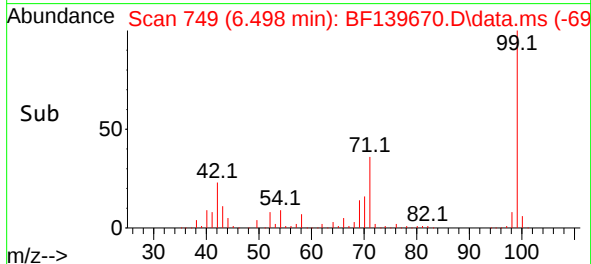
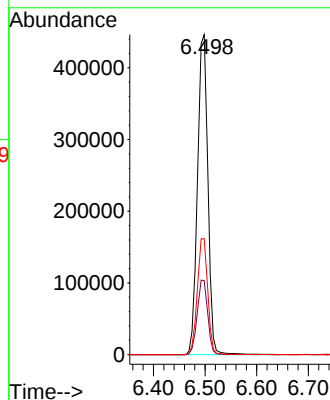
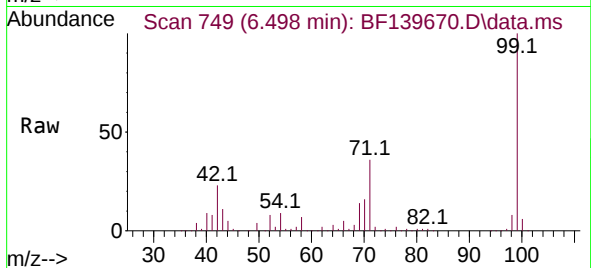




#7
Phenol-d6
Concen: 105.886 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

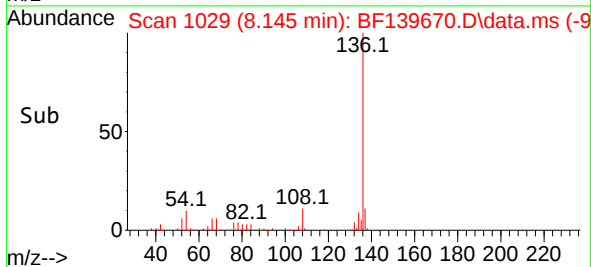
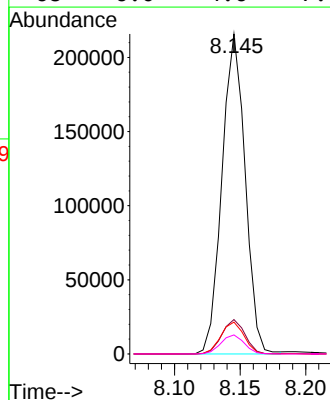
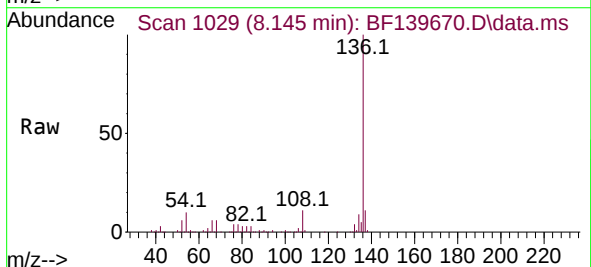
Instrument :
BNA_F
ClientSampleId :
TP4

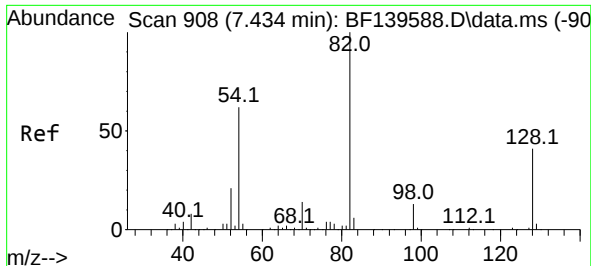
Tgt Ion: 99 Resp: 624356
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 36.3 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

Tgt Ion: 136 Resp: 264930
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.9 8.3 12.5
68 6.0 4.6 7.0

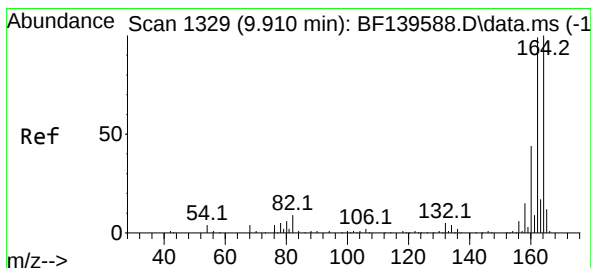
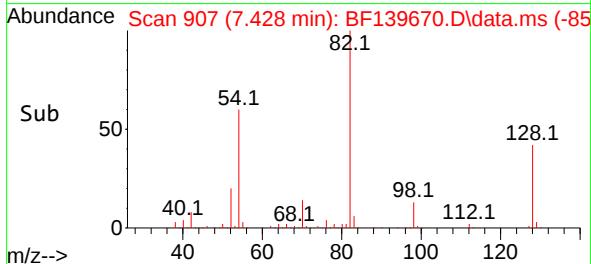
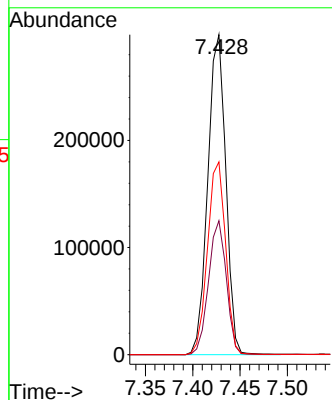
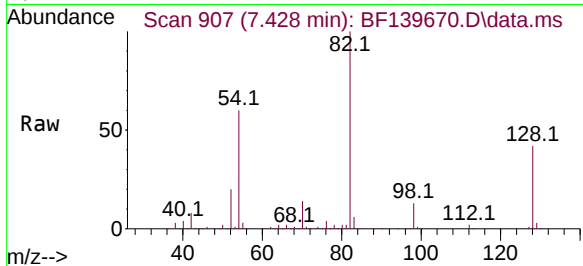




#23
Nitrobenzene-d5
Concen: 75.492 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

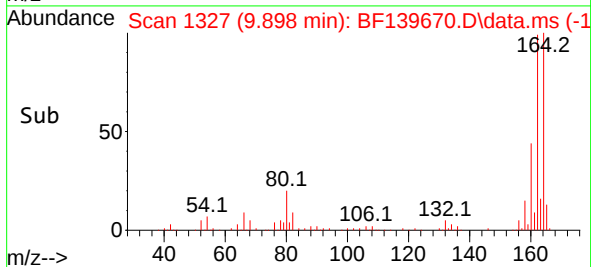
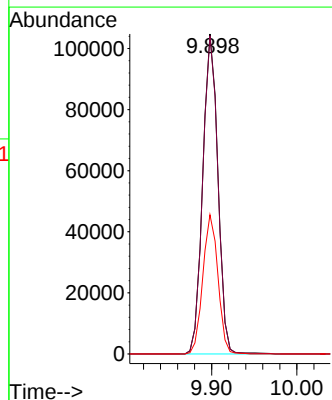
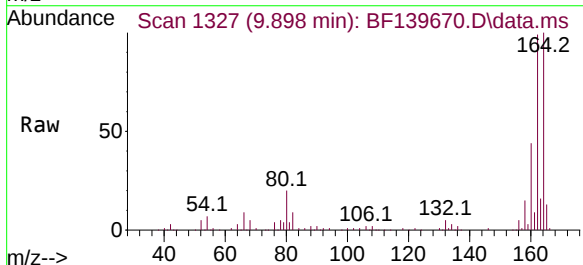
Instrument :
BNA_F
ClientSampleId :
TP4

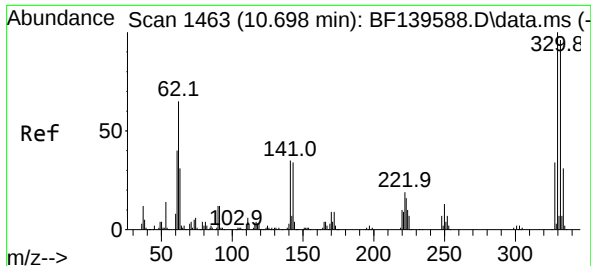
Tgt Ion: 82 Resp: 395022
Ion Ratio Lower Upper
82 100
128 41.8 32.4 48.6
54 60.3 49.1 73.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

Tgt Ion:164 Resp: 129157
Ion Ratio Lower Upper
164 100
162 99.5 79.4 119.0
160 43.5 35.1 52.7

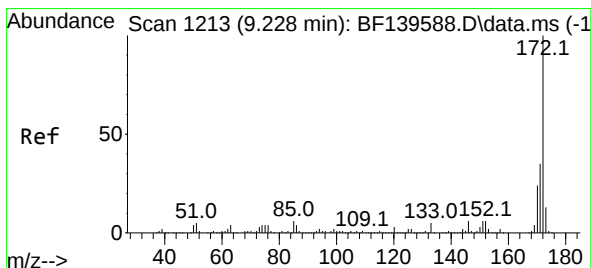
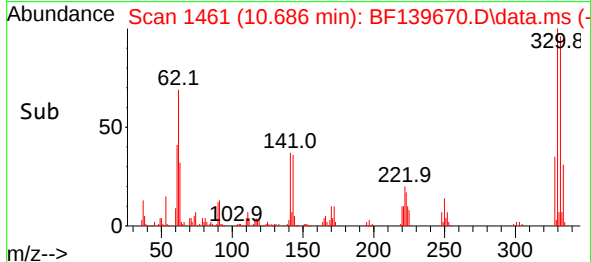
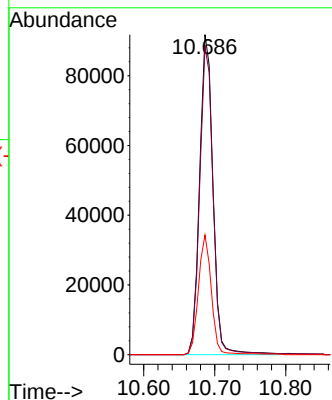
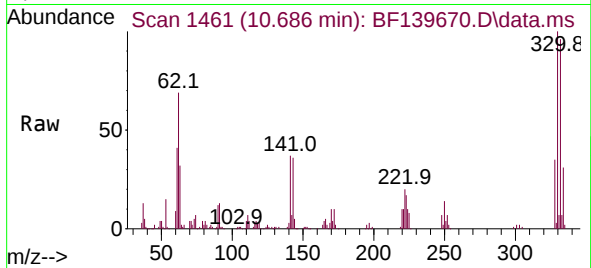




#42
2,4,6-Tribromophenol
Concen: 96.761 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

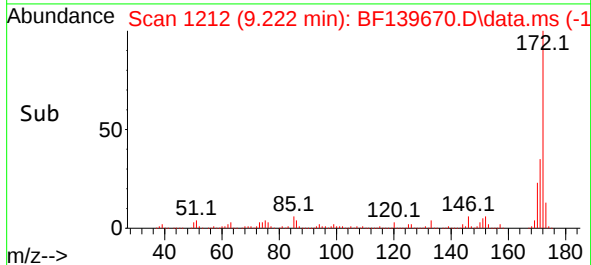
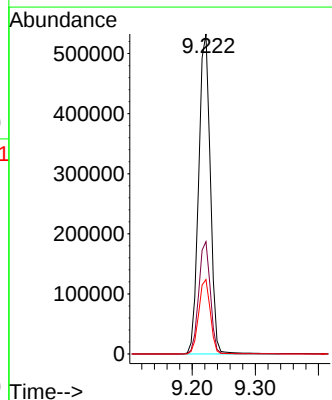
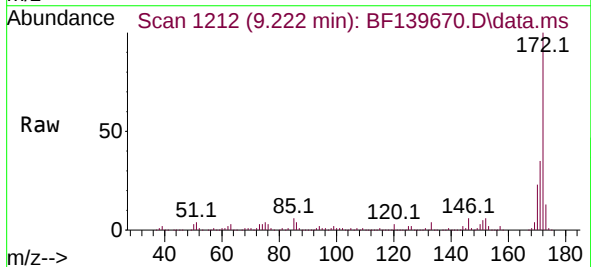
Instrument :
BNA_F
ClientSampleId :
TP4

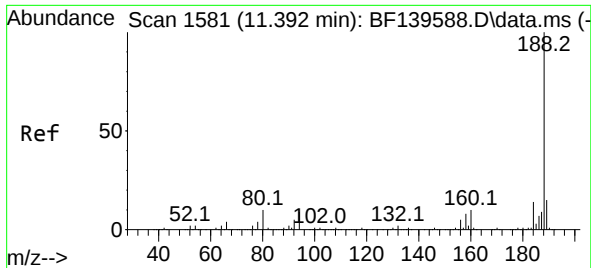
Tgt Ion: 330 Resp: 120642
Ion Ratio Lower Upper
330 100
332 96.8 76.5 114.7
141 36.4 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 80.978 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

Tgt Ion: 172 Resp: 681277
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.3 18.8 28.2

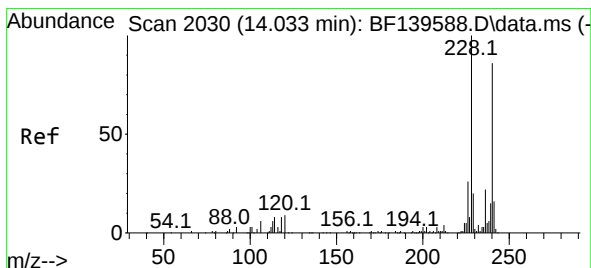
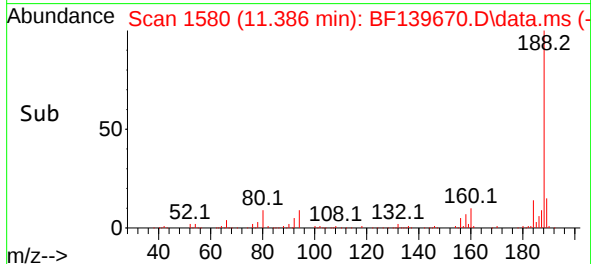
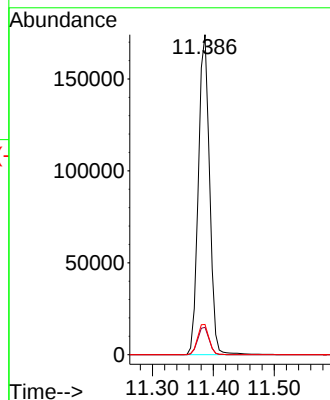
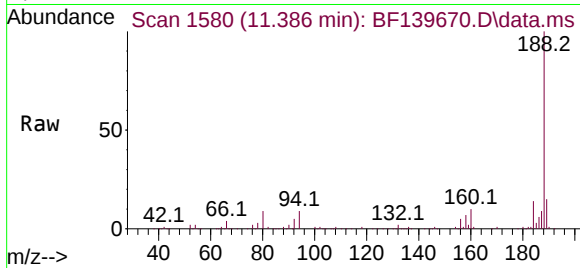




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

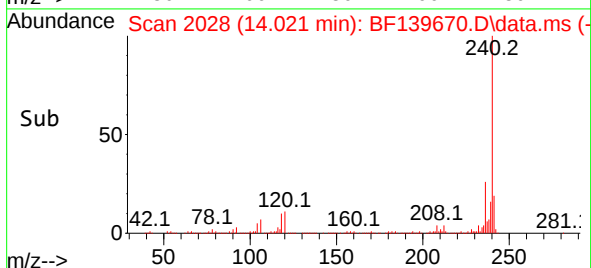
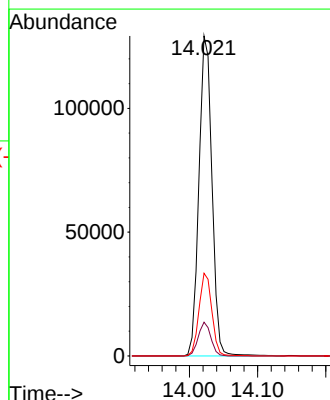
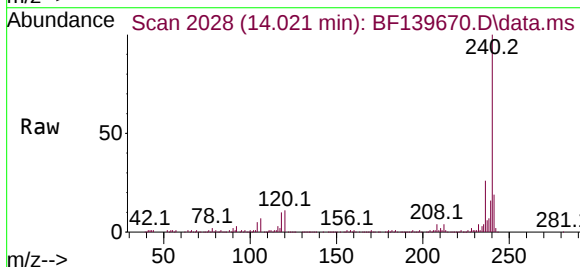
Instrument :
BNA_F
ClientSampleId :
TP4

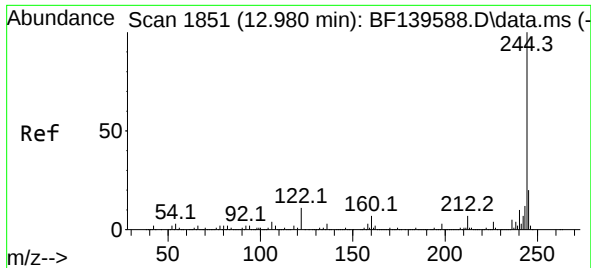
Tgt Ion:188 Resp: 221724
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.2
80 9.4 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139670.D
Acq: 04 Oct 2024 21:12

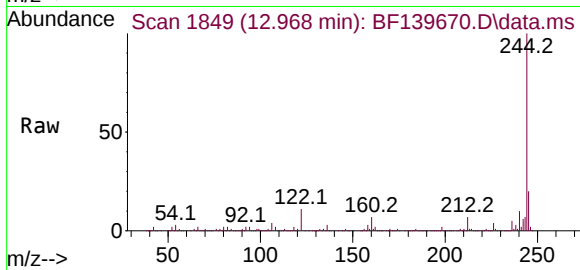
Tgt Ion:240 Resp: 171665
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 25.8 20.3 30.5



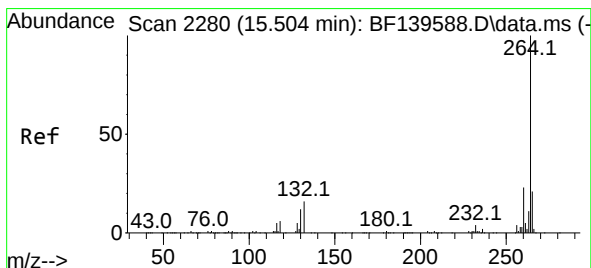
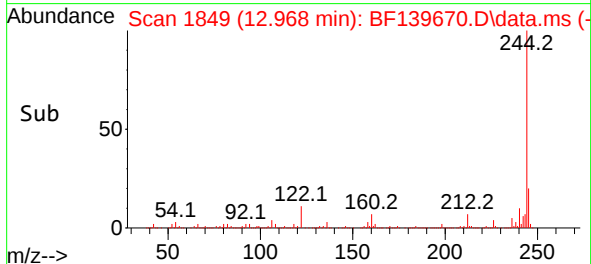
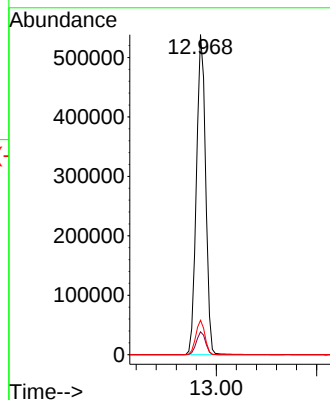


#79
 Terphenyl-d14
 Concen: 65.272 ng
 RT: 12.968 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF139670.D
 Acq: 04 Oct 2024 21:12

Instrument :
 BNA_F
 ClientSampleId :
 TP4



Tgt Ion:244 Resp: 682885
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 10.8 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: BF139670.D
 Acq: 04 Oct 2024 21:12

Tgt Ion:264 Resp: 134551
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.1 16.9 25.3

