

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100324\
Data File : BF139638.D
Acq On : 03 Oct 2024 18:26
Operator : RC/JU
Sample : P4236-13
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2

Quant Time: Oct 04 01:16:14 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	76416	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	291446	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	160467	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	291632	20.000	ng	0.00
76) Chrysene-d12	14.021	240	178951	20.000	ng	-0.01
86) Perylene-d12	15.492	264	184843	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	345932	78.463	ng	0.00
7) Phenol-d6	6.492	99	450472	75.978	ng	-0.01
23) Nitrobenzene-d5	7.422	82	295515	51.337	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	107260	69.243	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	525326	50.258	ng	0.00
79) Terphenyl-d14	12.968	244	491579	45.074	ng	-0.01

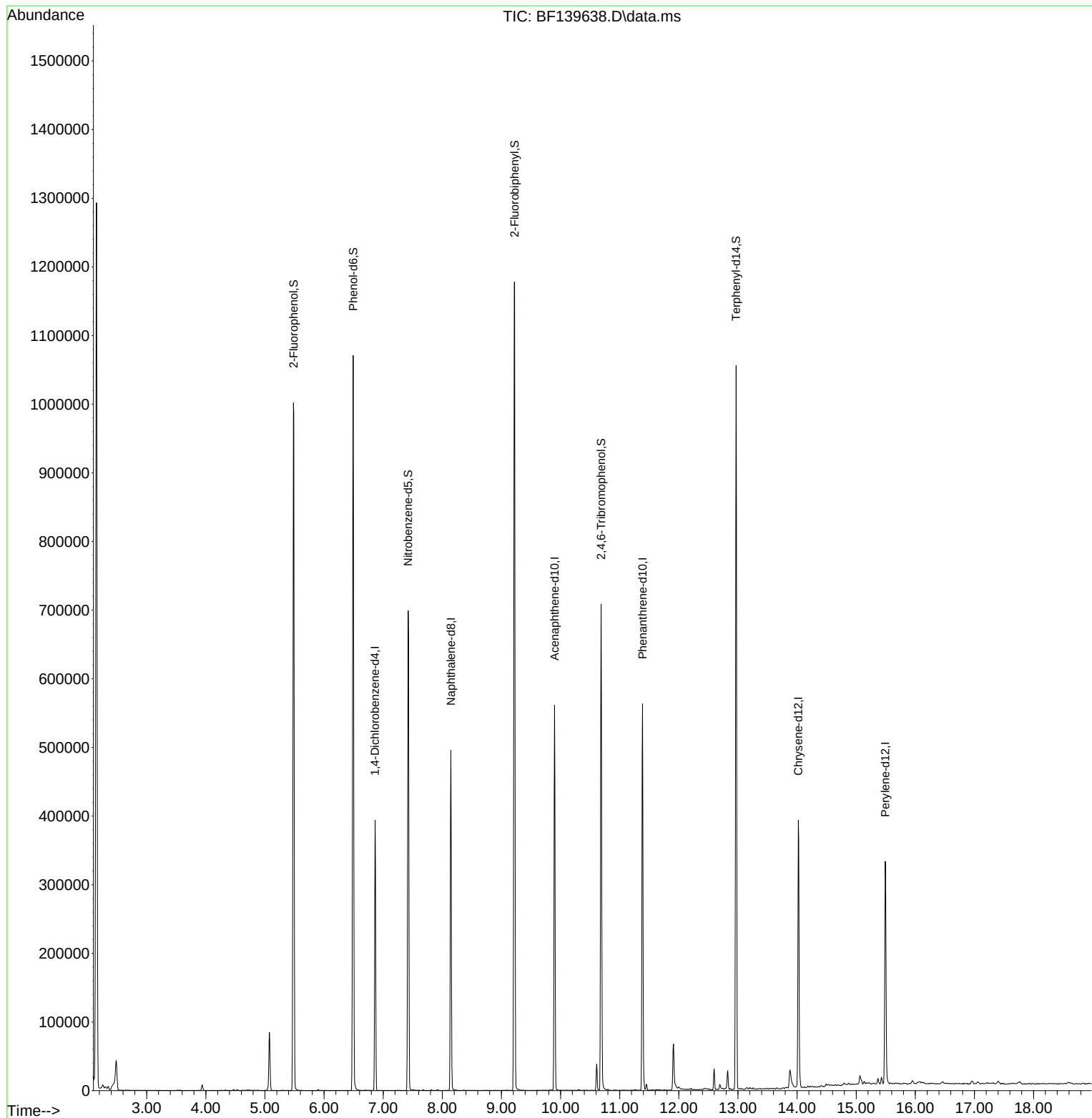
Target Compounds	Qvalue

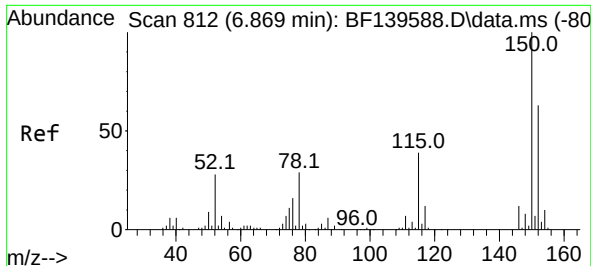
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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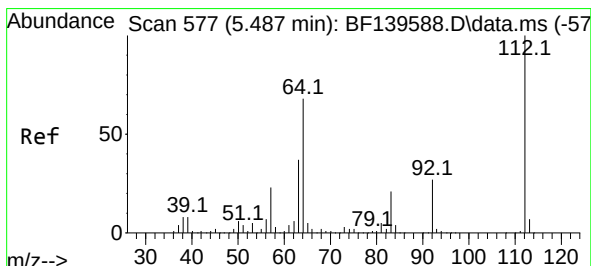
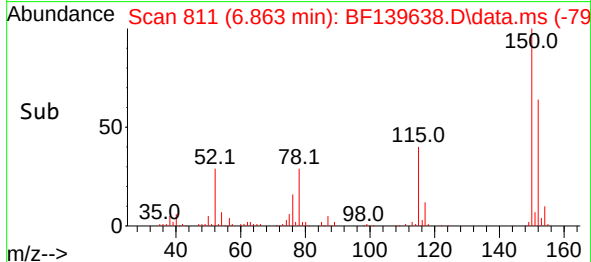
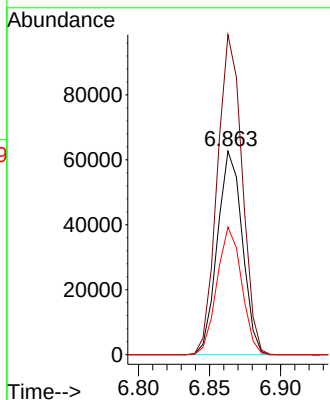
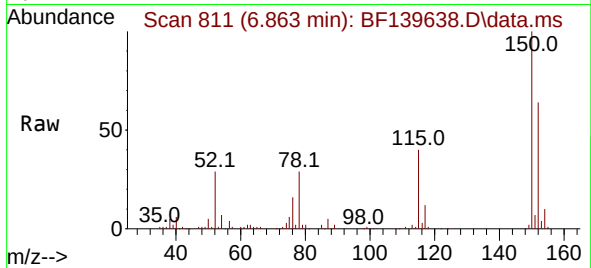




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139638.D
Acq: 03 Oct 2024 18:26

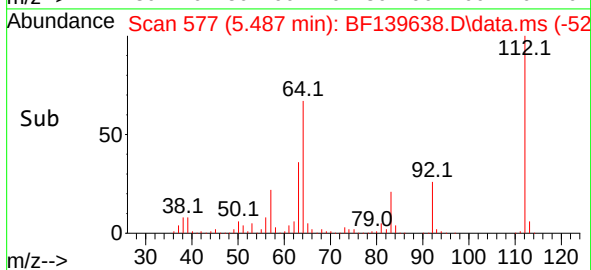
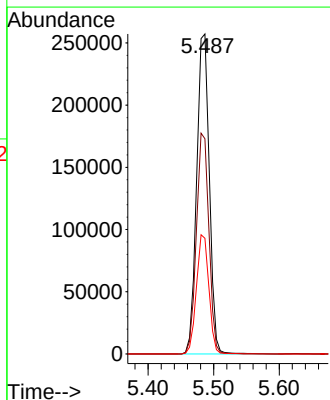
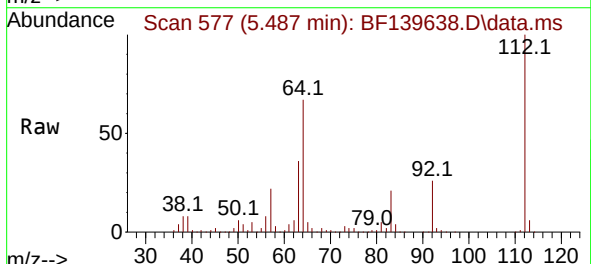
Instrument :
BNA_F
ClientSampleId :
TP2

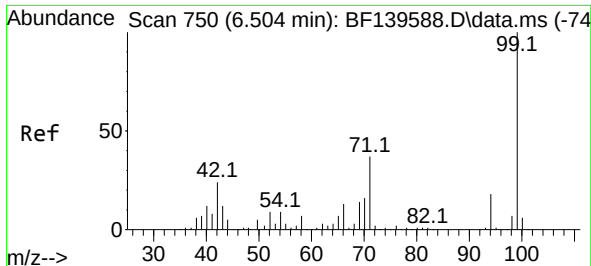
Tgt Ion:152 Resp: 76416
Ion Ratio Lower Upper
152 100
150 157.2 127.2 190.8
115 62.6 49.0 73.4



#5
2-Fluorophenol
Concen: 78.463 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139638.D
Acq: 03 Oct 2024 18:26

Tgt Ion:112 Resp: 345932
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 36.2 29.4 44.2

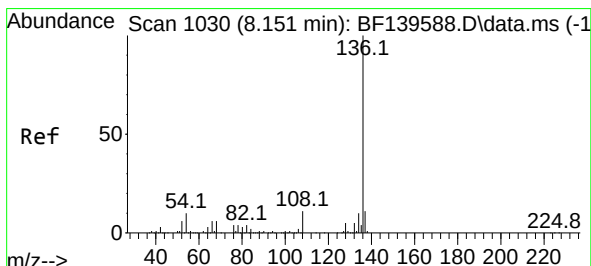
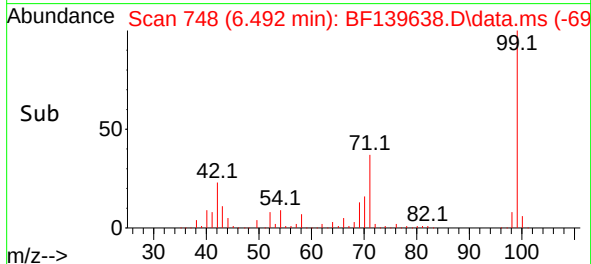
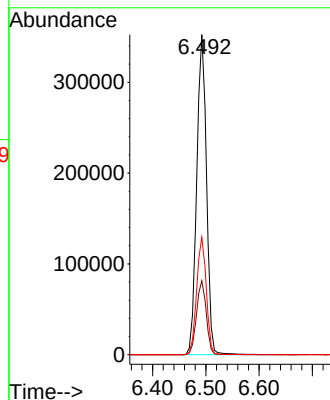
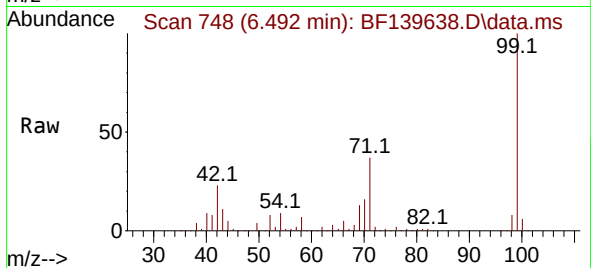




#7
Phenol-d6
Concen: 75.978 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139638.D
Acq: 03 Oct 2024 18:26

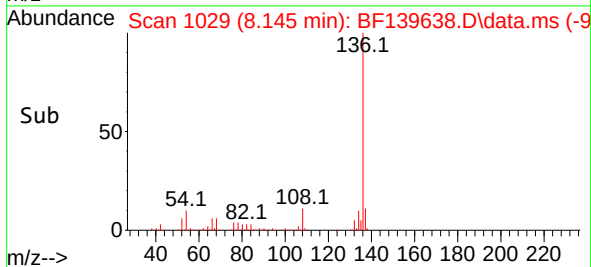
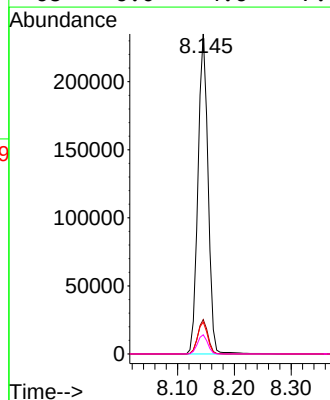
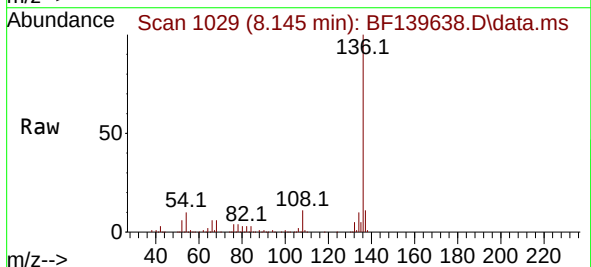
Instrument :
BNA_F
ClientSampleId :
TP2

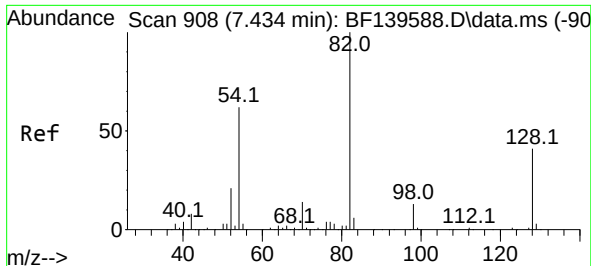
Tgt Ion: 99 Resp: 450472
Ion Ratio Lower Upper
99 100
42 23.1 19.1 28.7
71 36.6 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139638.D
Acq: 03 Oct 2024 18:26

Tgt Ion: 136 Resp: 291446
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 9.9 8.3 12.5
68 6.0 4.6 7.0

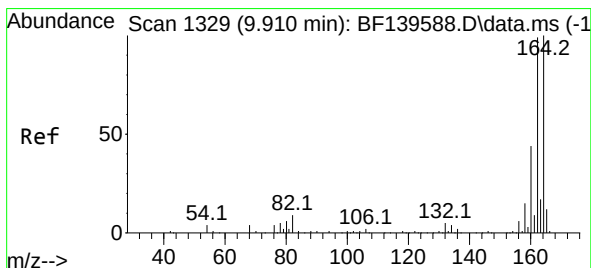
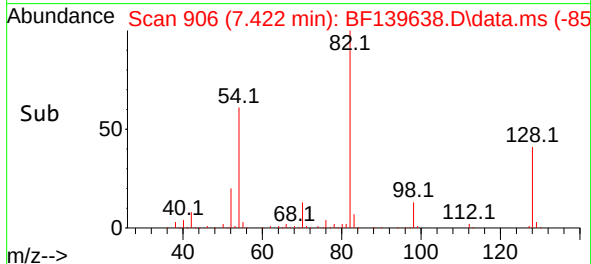
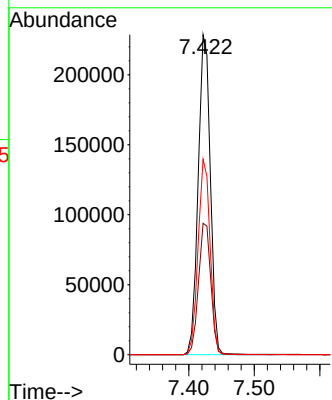
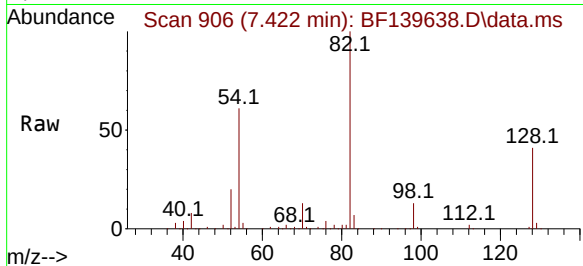




#23
 Nitrobenzene-d5
 Concen: 51.337 ng
 RT: 7.422 min Scan# 908
 Delta R.T. -0.012 min
 Lab File: BF139638.D
 Acq: 03 Oct 2024 18:26

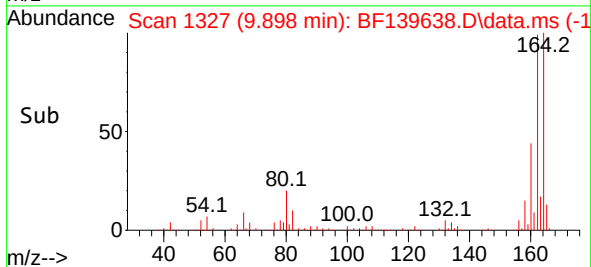
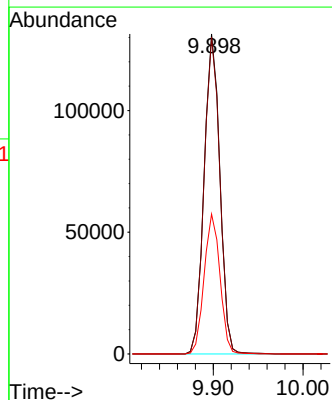
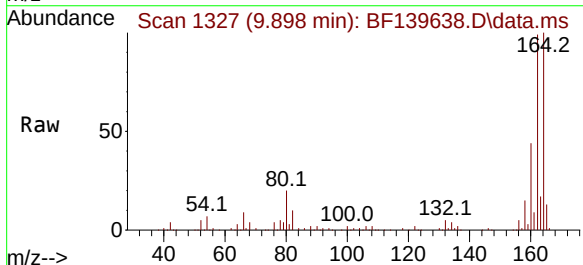
Instrument :
 BNA_F
 ClientSampleId :
 TP2

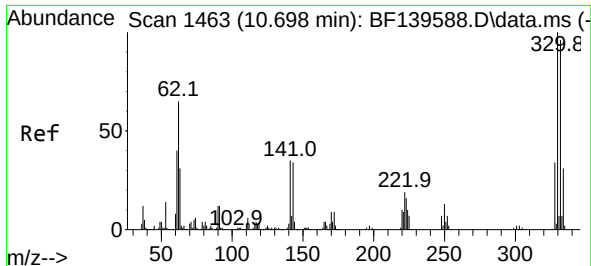
Tgt Ion: 82 Resp: 295515
 Ion Ratio Lower Upper
 82 100
 128 41.0 32.4 48.6
 54 61.0 49.1 73.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.898 min Scan# 1327
 Delta R.T. -0.012 min
 Lab File: BF139638.D
 Acq: 03 Oct 2024 18:26

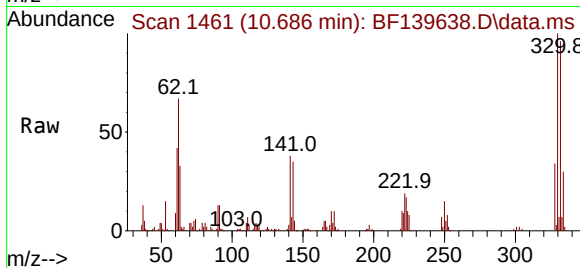
Tgt Ion:164 Resp: 160467
 Ion Ratio Lower Upper
 164 100
 162 99.0 79.4 119.0
 160 43.7 35.1 52.7



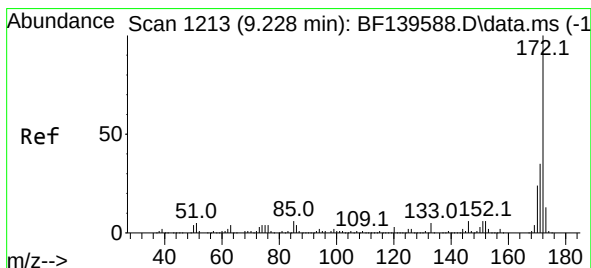
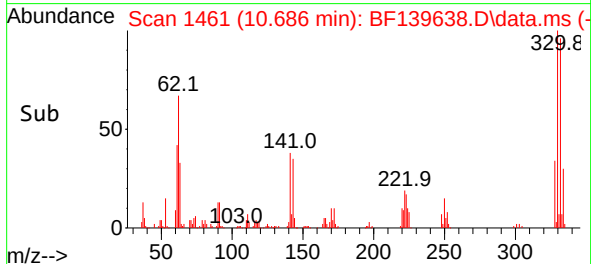
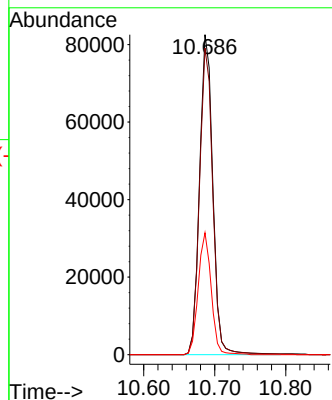


#42
2,4,6-Tribromophenol
Concen: 69.243 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.012 min
Lab File: BF139638.D
Acq: 03 Oct 2024 18:26

Instrument :
BNA_F
ClientSampleId :
TP2

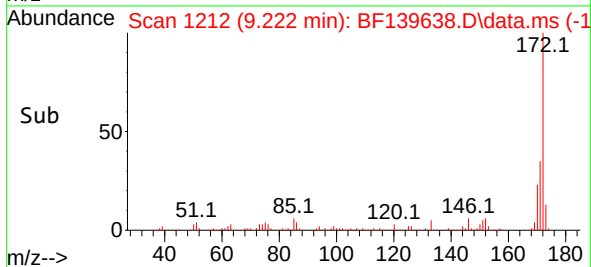
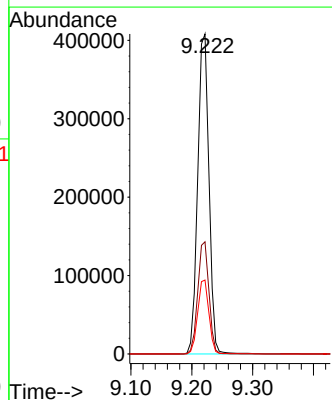
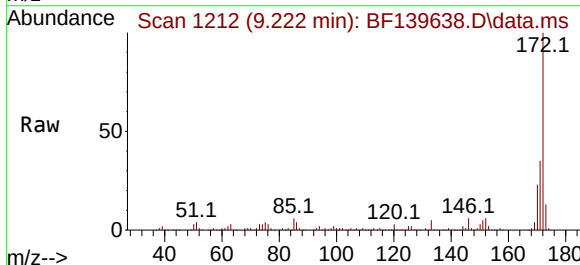


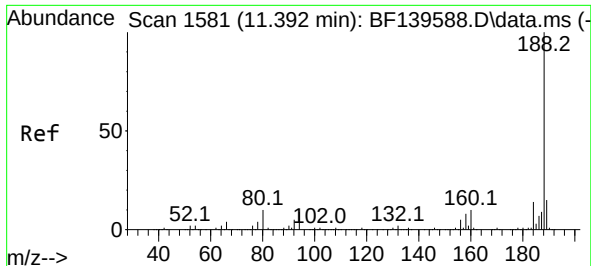
Tgt Ion: 330 Resp: 107260
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 37.3 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 50.258 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139638.D
Acq: 03 Oct 2024 18:26

Tgt Ion: 172 Resp: 525326
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.1 18.8 28.2

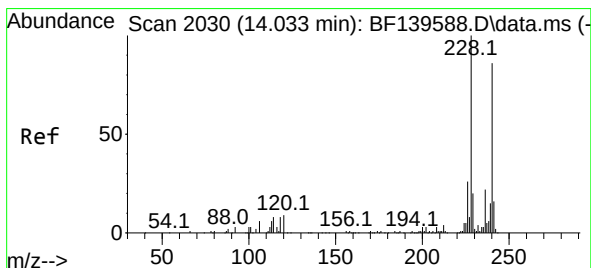
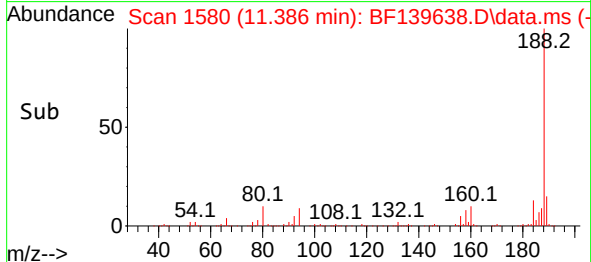
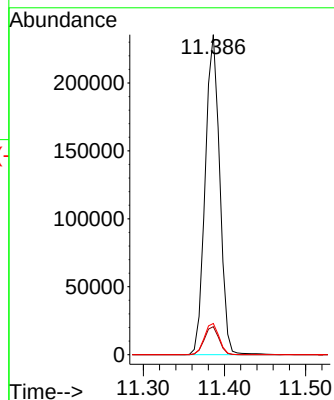
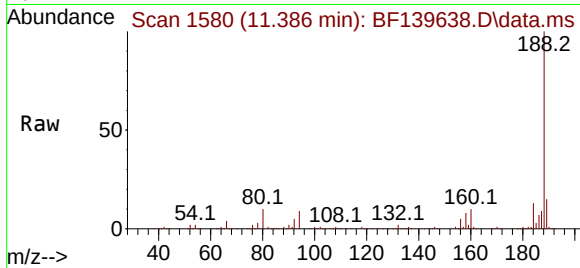




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139638.D
Acq: 03 Oct 2024 18:26

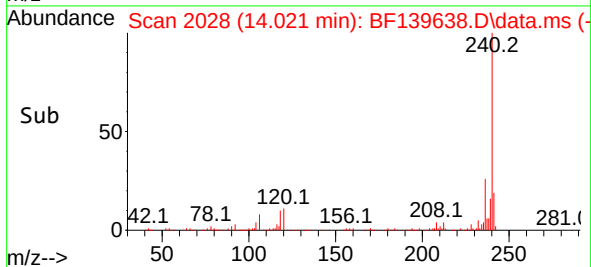
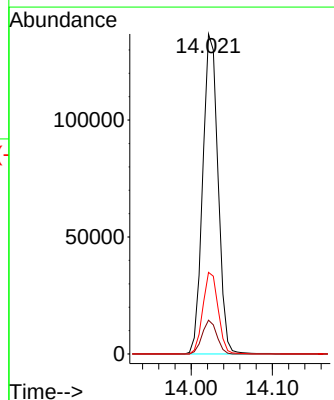
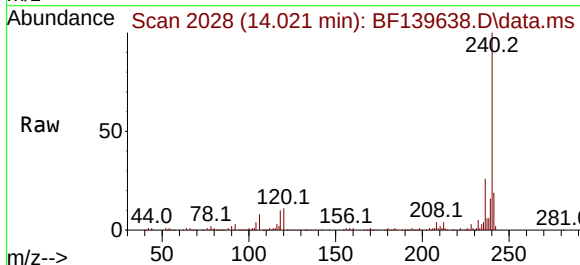
Instrument :
BNA_F
ClientSampleId :
TP2

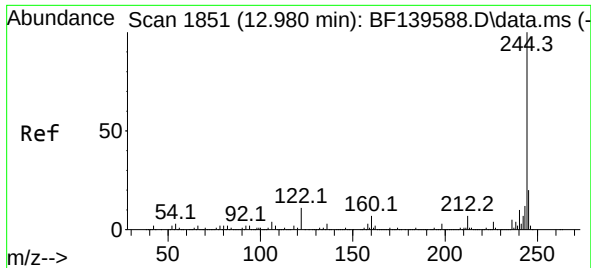
Tgt Ion:188 Resp: 291632
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.8 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139638.D
Acq: 03 Oct 2024 18:26

Tgt Ion:240 Resp: 178951
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 25.5 20.3 30.5

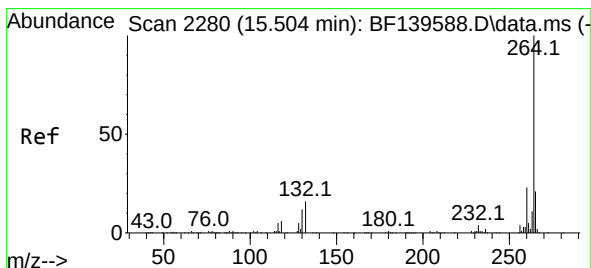
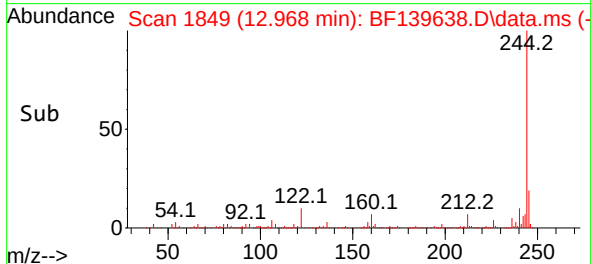
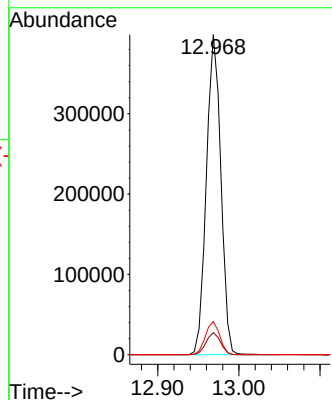
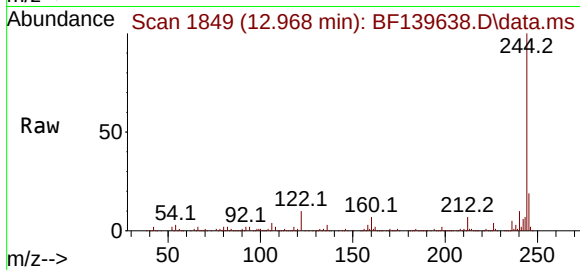




#79
Terphenyl-d14
Concen: 45.074 ng
RT: 12.968 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF139638.D
Acq: 03 Oct 2024 18:26

Instrument :
BNA_F
ClientSampleId :
TP2

Tgt Ion:244 Resp: 491579
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 10.3 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: BF139638.D
Acq: 03 Oct 2024 18:26

Tgt Ion:264 Resp: 184843
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.2 16.9 25.3

