

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
 Data File : BF139663.D
 Acq On : 04 Oct 2024 17:55
 Operator : RC/JU
 Sample : P4254-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-147

Quant Time: Oct 04 18:33:17 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	89450	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	342471	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	186088	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	331838	20.000	ng	0.00
76) Chrysene-d12	14.021	240	186521	20.000	ng	-0.01
86) Perylene-d12	15.492	264	200878	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	312380	60.529	ng	0.00
7) Phenol-d6	6.498	99	275353	39.675	ng	0.00
23) Nitrobenzene-d5	7.428	82	507252	74.991	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	206742	115.088	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	921826	76.049	ng	0.00
79) Terphenyl-d14	12.968	244	900910	79.253	ng	-0.01

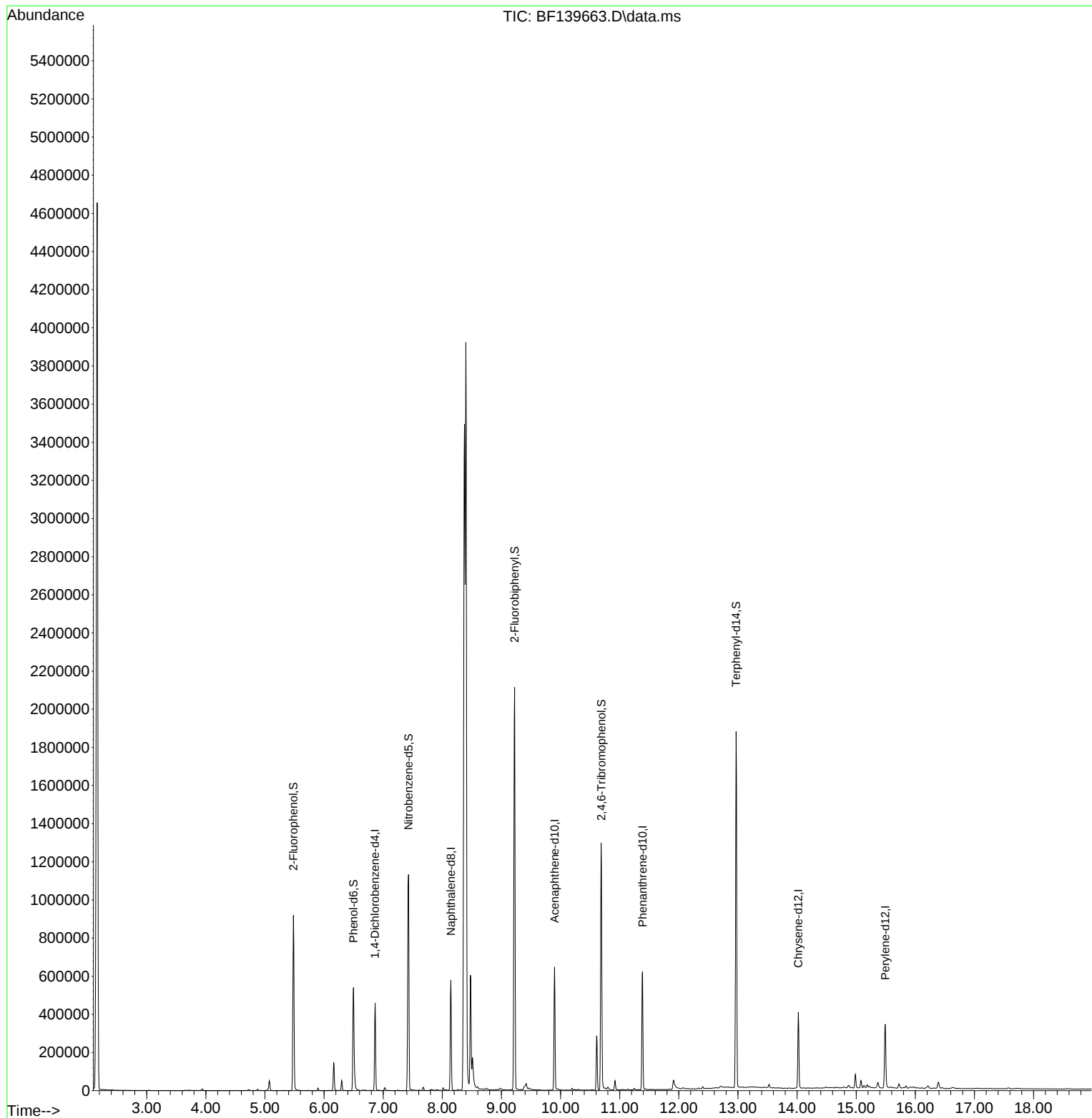
Target Compounds	Qvalue

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

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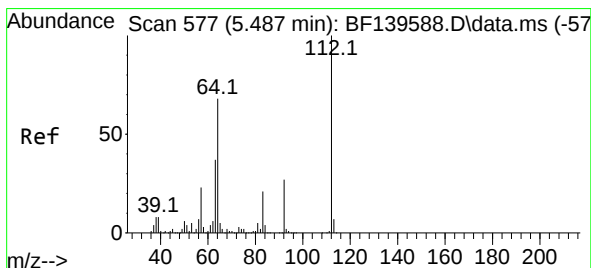
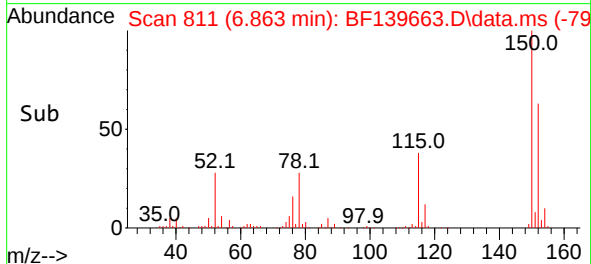
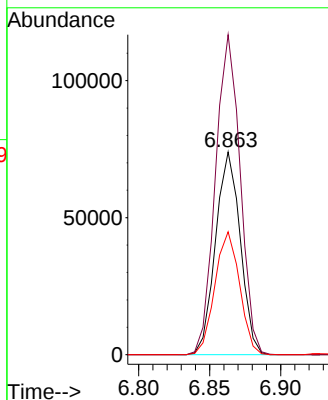
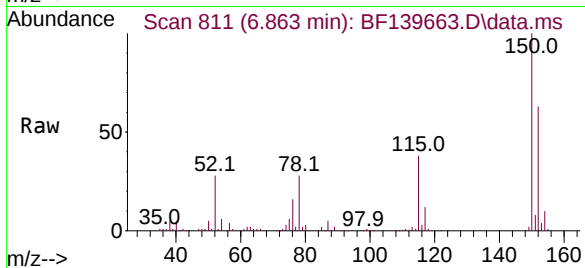




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

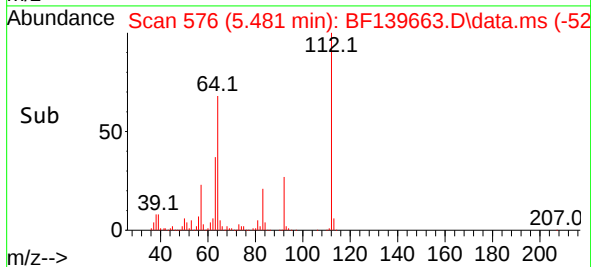
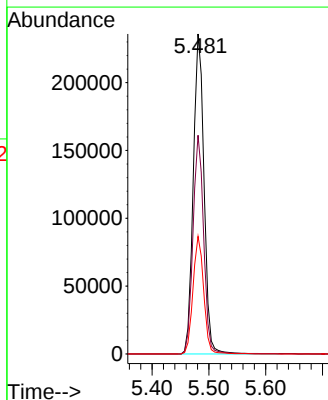
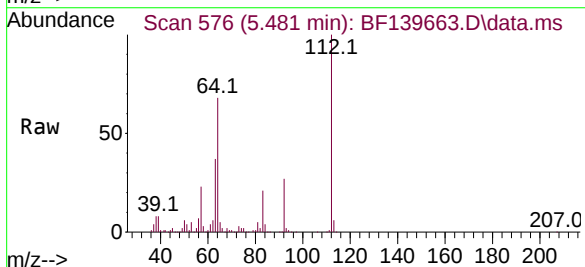
Instrument :
BNA_F
ClientSampleId :
MH-147

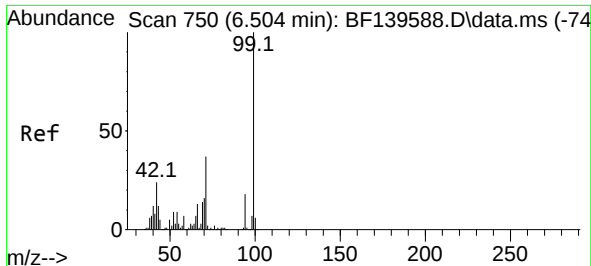
Tgt Ion:152 Resp: 89450
Ion Ratio Lower Upper
152 100
150 157.9 127.2 190.8
115 60.6 49.0 73.4



#5
2-Fluorophenol
Concen: 60.529 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Tgt Ion:112 Resp: 312380
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 36.8 29.4 44.2

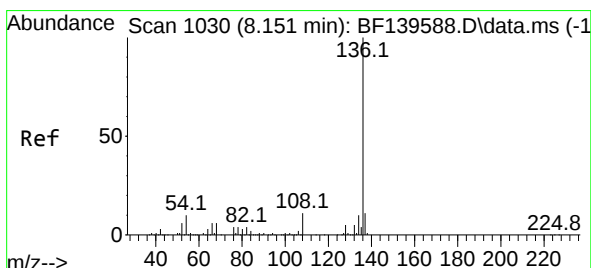
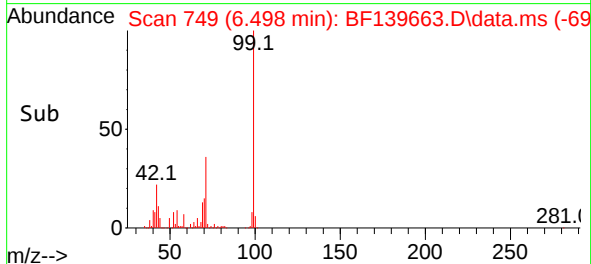
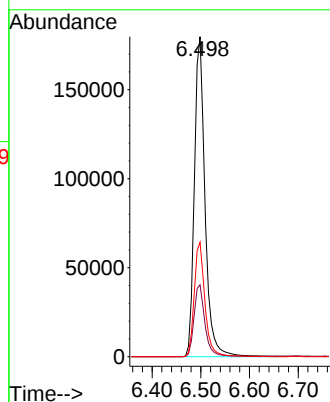
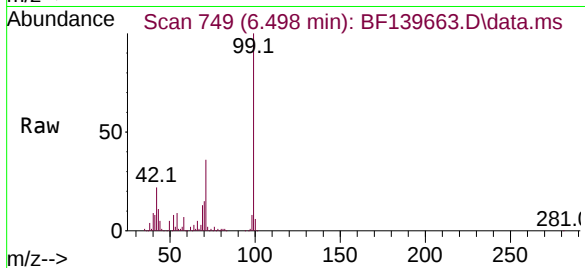




#7
Phenol-d6
Concen: 39.675 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

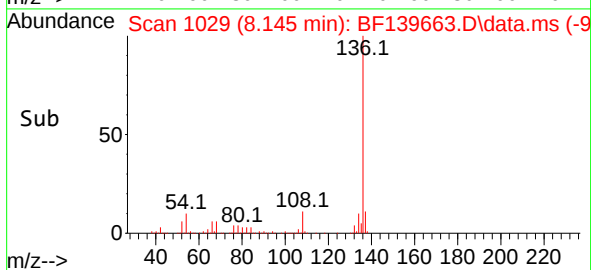
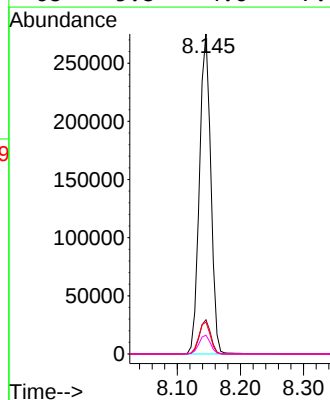
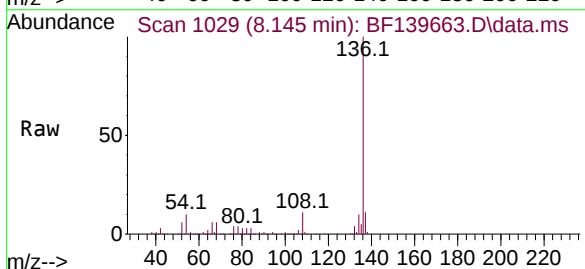
Instrument :
BNA_F
ClientSampleId :
MH-147

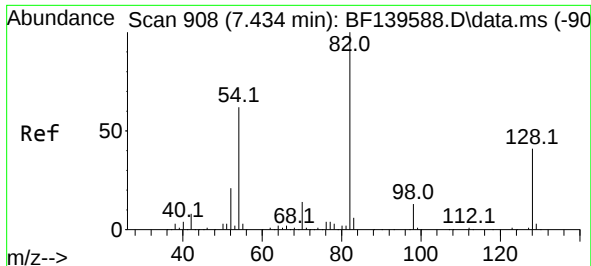
Tgt Ion: 99 Resp: 275353
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 35.7 29.7 44.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Tgt Ion: 136 Resp: 342471
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.9 8.3 12.5
68 5.8 4.6 7.0

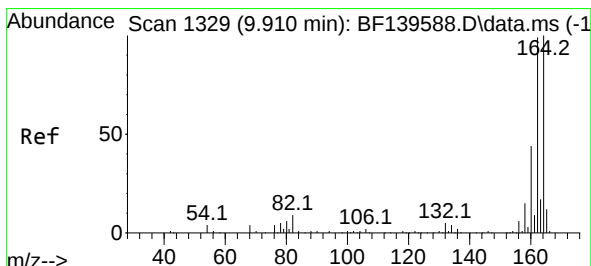
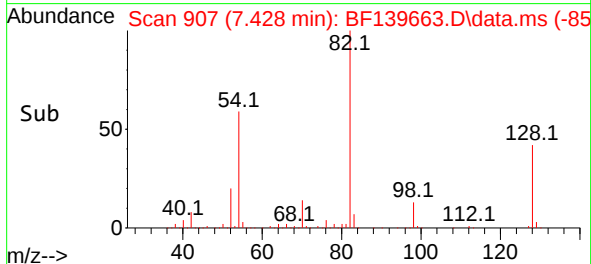
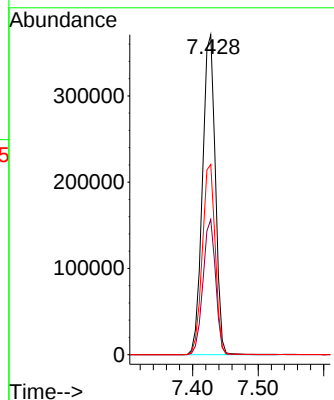
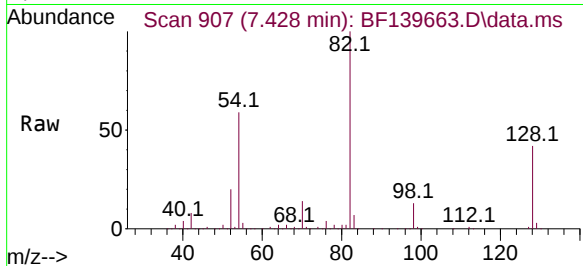




#23
 Nitrobenzene-d5
 Concen: 74.991 ng
 RT: 7.428 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: BF139663.D
 Acq: 04 Oct 2024 17:55

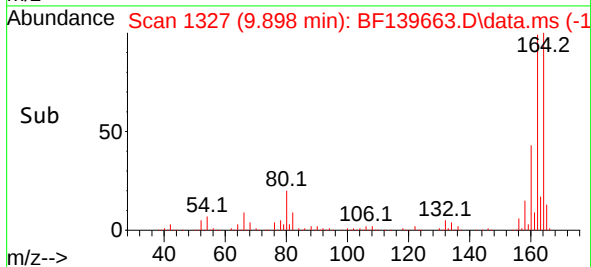
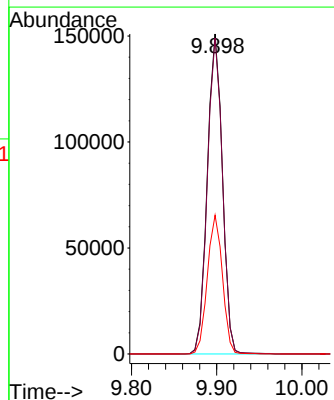
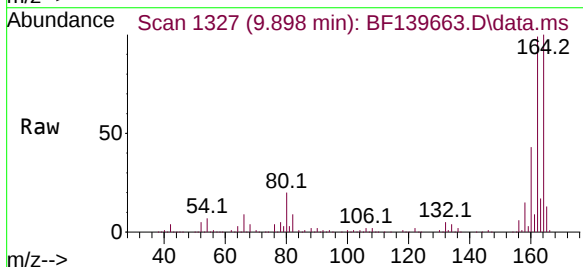
Instrument :
 BNA_F
 ClientSampleId :
 MH-147

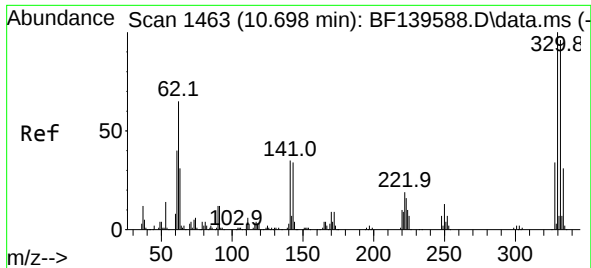
Tgt Ion: 82 Resp: 507252
 Ion Ratio Lower Upper
 82 100
 128 42.2 32.4 48.6
 54 59.5 49.1 73.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.898 min Scan# 1327
 Delta R.T. -0.012 min
 Lab File: BF139663.D
 Acq: 04 Oct 2024 17:55

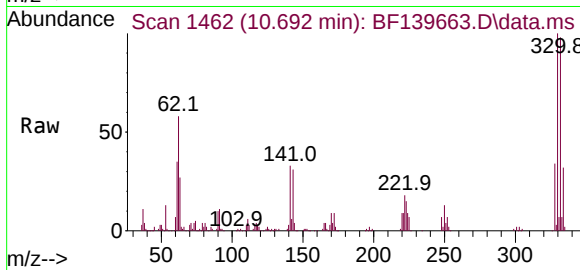
Tgt Ion:164 Resp: 186088
 Ion Ratio Lower Upper
 164 100
 162 98.8 79.4 119.0
 160 43.3 35.1 52.7



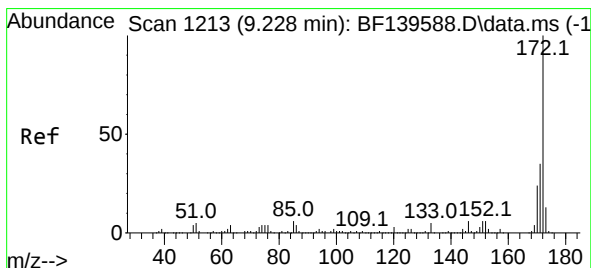
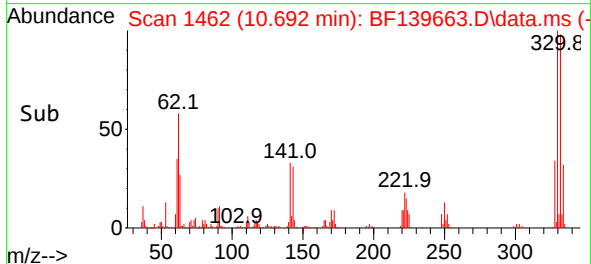
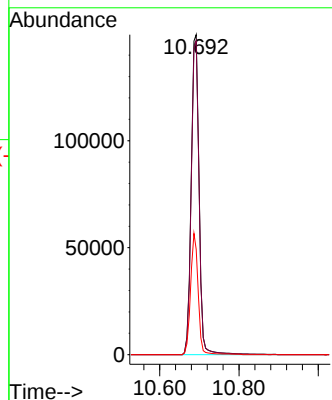


#42
2,4,6-Tribromophenol
Concen: 115.088 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Instrument :
BNA_F
ClientSampleId :
MH-147

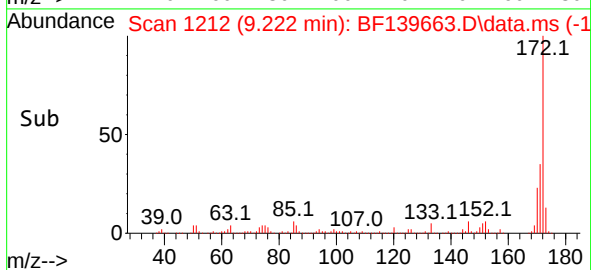
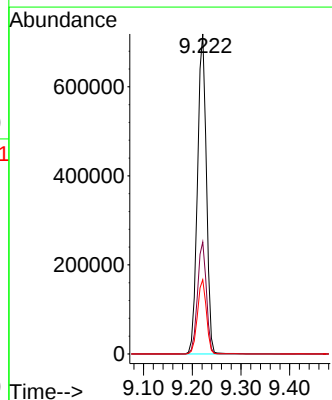
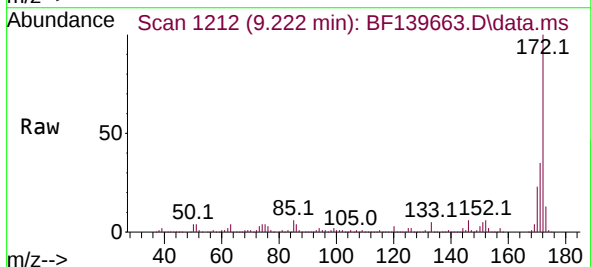


Tgt Ion:330 Resp: 206742
Ion Ratio Lower Upper
330 100
332 97.5 76.5 114.7
141 36.5 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 76.049 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Tgt Ion:172 Resp: 921826
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.2 18.8 28.2

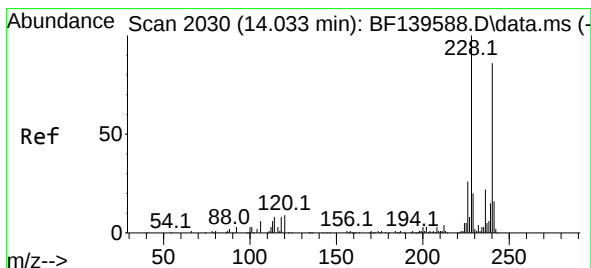
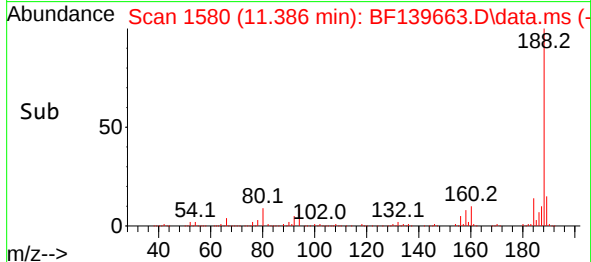
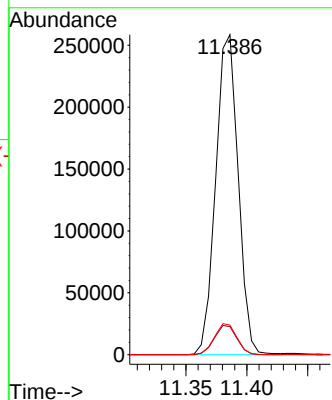
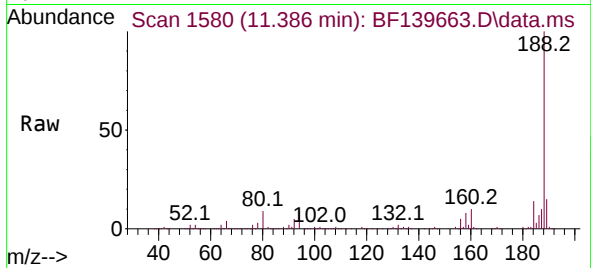




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

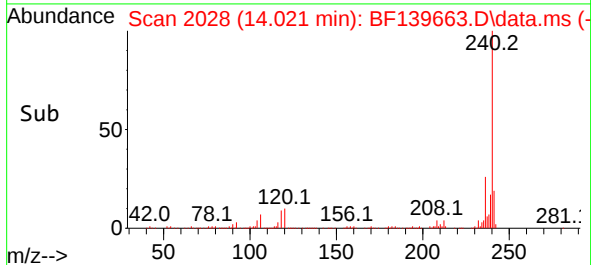
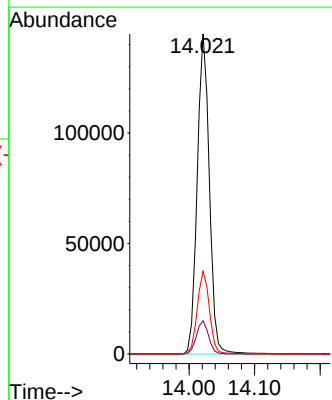
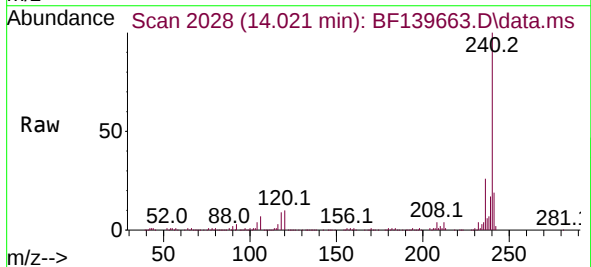
Instrument :
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ClientSampleId :
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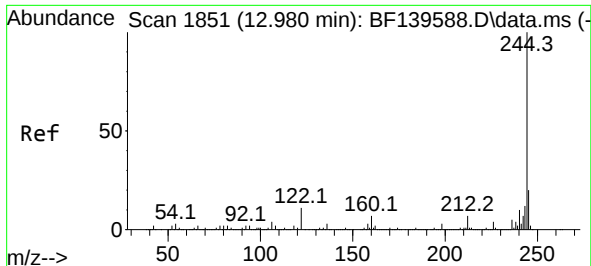
Tgt Ion:188 Resp: 331838
Ion Ratio Lower Upper
188 100
94 8.7 7.4 11.2
80 9.3 8.2 12.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF139663.D
Acq: 04 Oct 2024 17:55

Tgt Ion:240 Resp: 186521
Ion Ratio Lower Upper
240 100
120 10.4 8.4 12.6
236 25.8 20.3 30.5

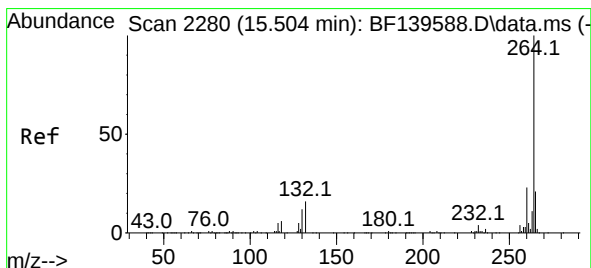
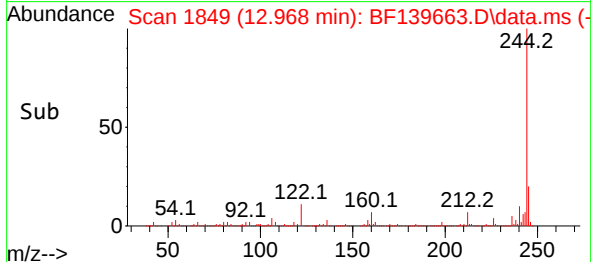
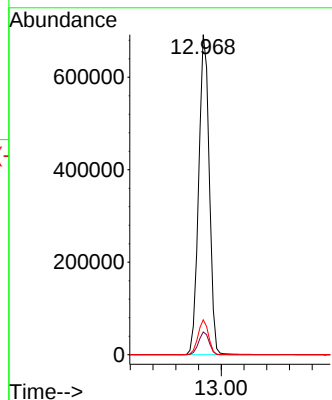
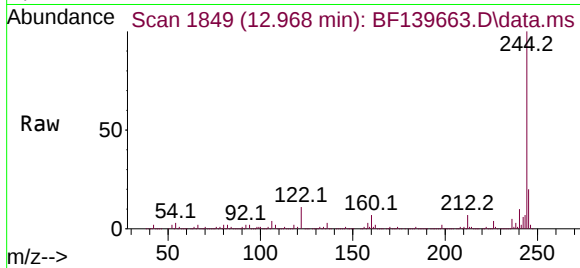




#79
 Terphenyl-d14
 Concen: 79.253 ng
 RT: 12.968 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF139663.D
 Acq: 04 Oct 2024 17:55

Instrument :
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Tgt Ion:244 Resp: 900910
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.9 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: BF139663.D
 Acq: 04 Oct 2024 17:55

Tgt Ion:264 Resp: 200878
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.6 16.9 25.3

