

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138541.D
 Acq On : 12 Jul 2024 12:23
 Operator : CG\JU
 Sample : PB162009BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162009BL

Quant Time: Jul 12 13:03:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	128235	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	525931	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	305938	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	557460	20.000	ng	0.00
76) Chrysene-d12	14.021	240	335199	20.000	ng	0.00
86) Perylene-d12	15.486	264	264677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	979931	121.026	ng	0.02
7) Phenol-d6	6.504	99	1316151	122.191	ng	0.00
23) Nitrobenzene-d5	7.434	82	881079	82.252	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	372782	130.375	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1583864	80.913	ng	0.00
79) Terphenyl-d14	12.974	244	1841964	89.522	ng	0.00

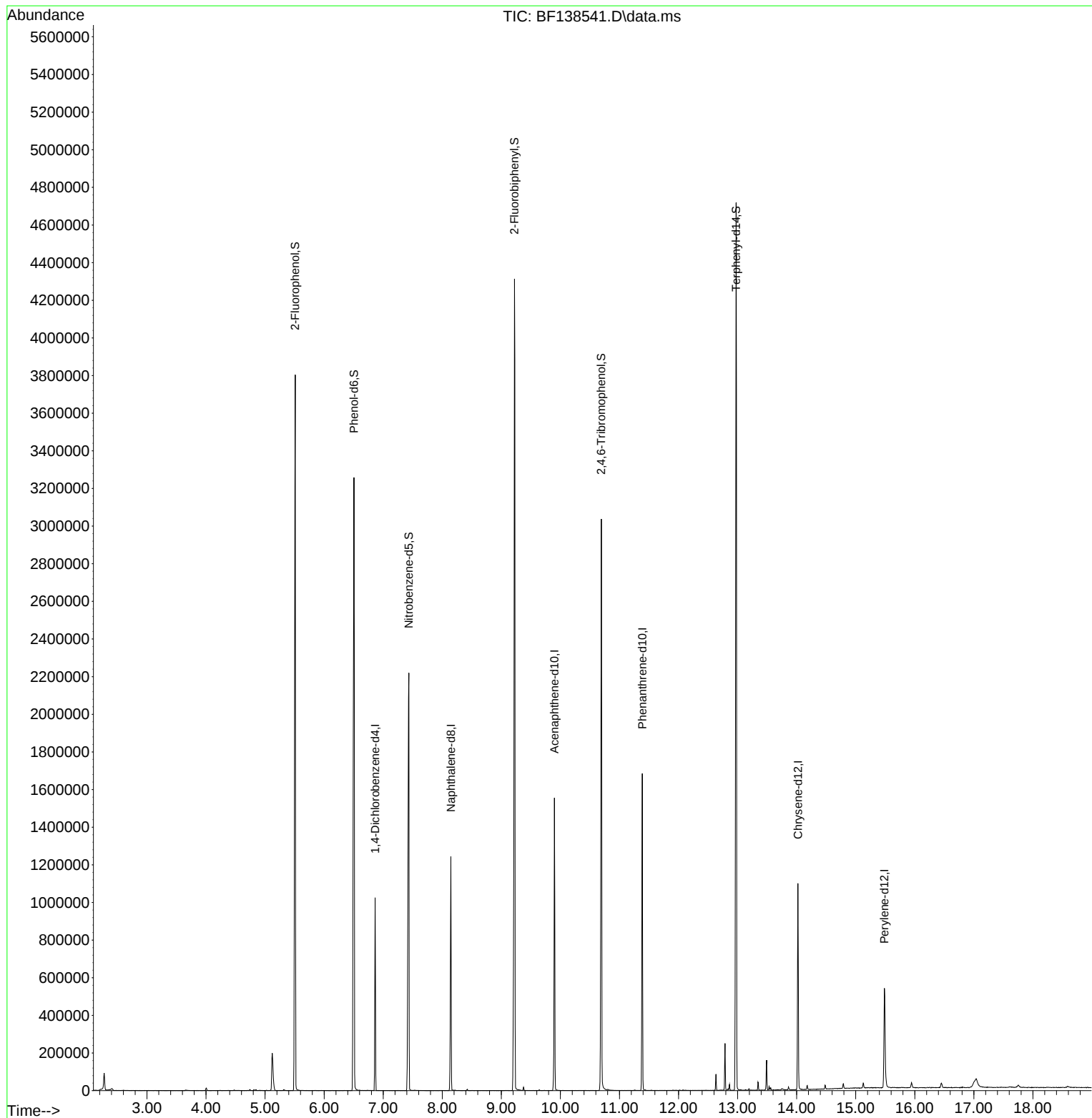
Target Compounds	Qvalue

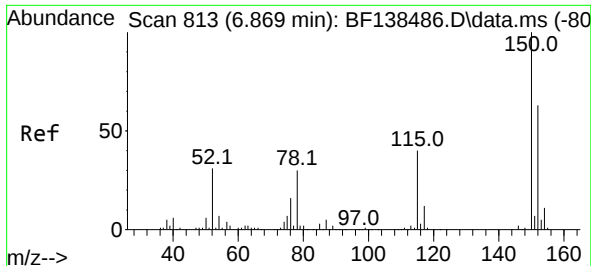
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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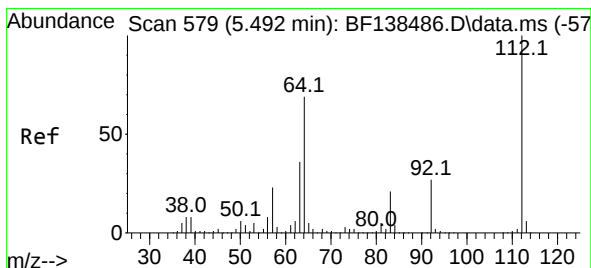
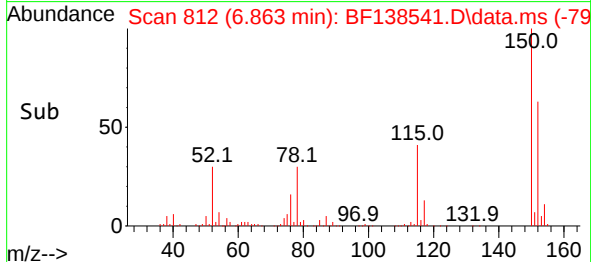
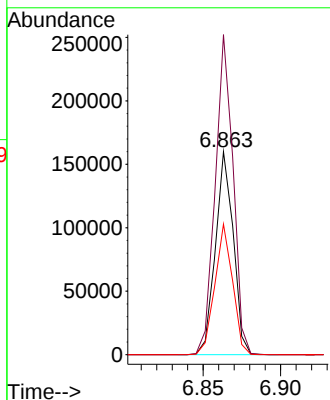
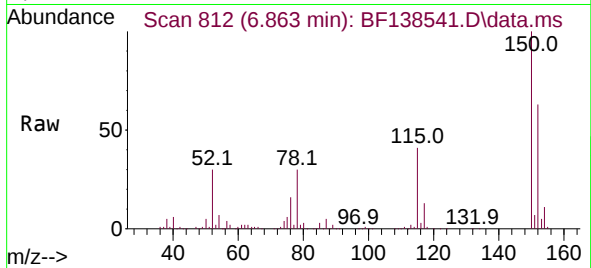




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

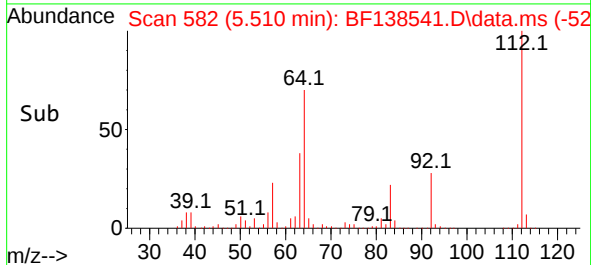
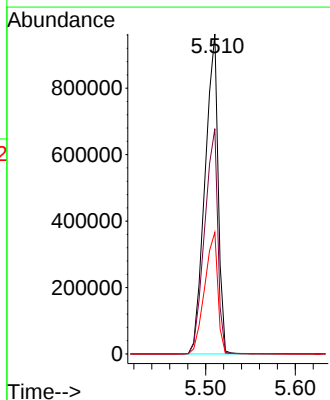
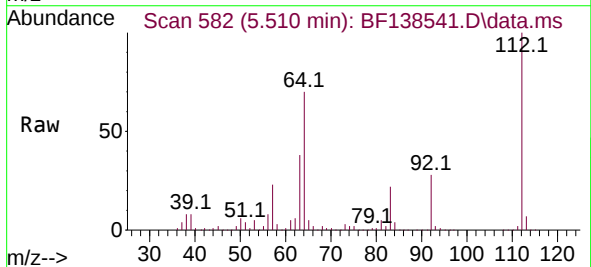
Instrument :
BNA_F
ClientSampleId :
PB162009BL

Tgt Ion:152 Resp: 128235
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.4
115 64.3 50.3 75.5



#5
2-Fluorophenol
Concen: 121.026 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

Tgt Ion:112 Resp: 979931
Ion Ratio Lower Upper
112 100
64 70.4 55.1 82.7
63 38.0 29.0 43.6

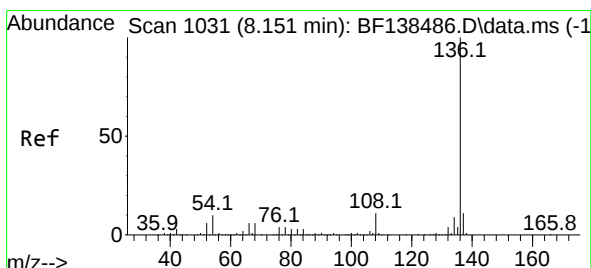
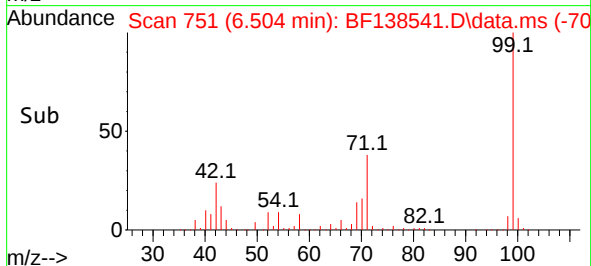
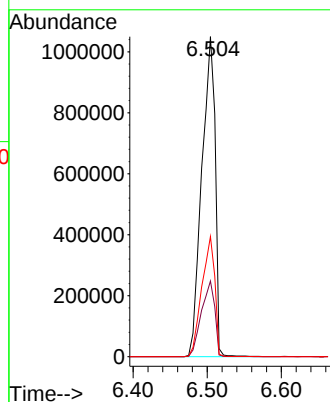
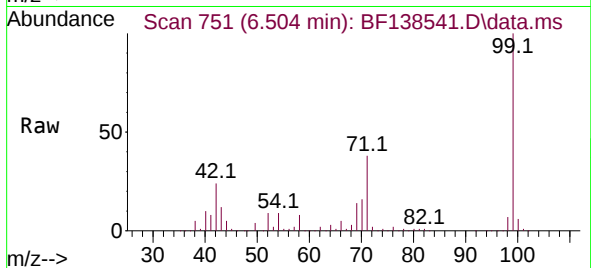




#7
Phenol-d6
Concen: 122.191 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

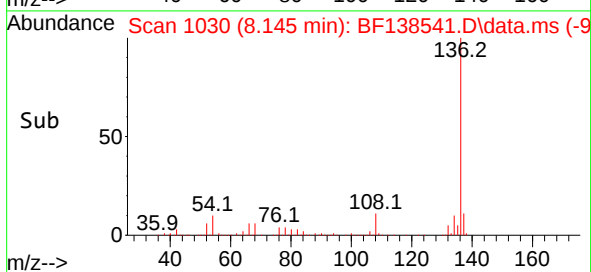
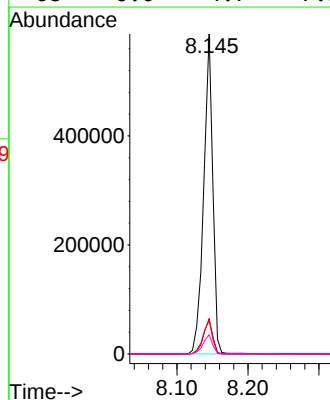
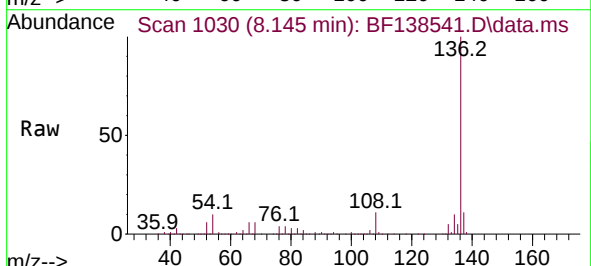
Instrument :
BNA_F
ClientSampleId :
PB162009BL

Tgt Ion: 99 Resp: 1316151
Ion Ratio Lower Upper
99 100
42 23.7 19.7 29.5
71 37.5 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

Tgt Ion: 136 Resp: 525931
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 10.5 8.1 12.1
68 6.0 4.7 7.1

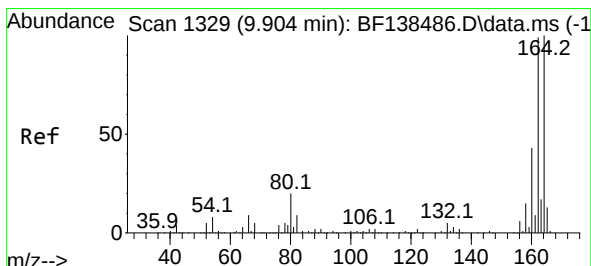
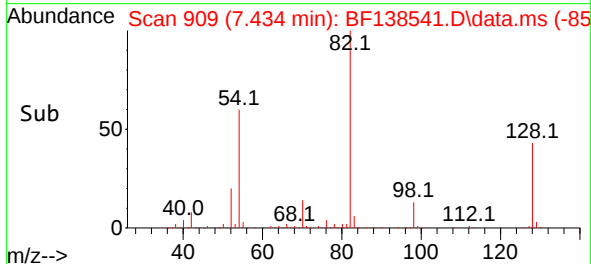
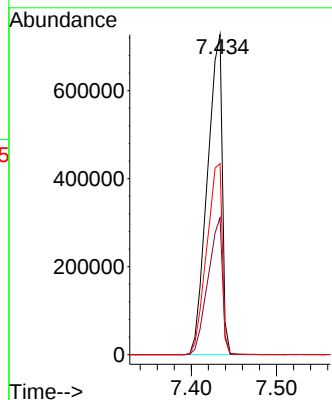
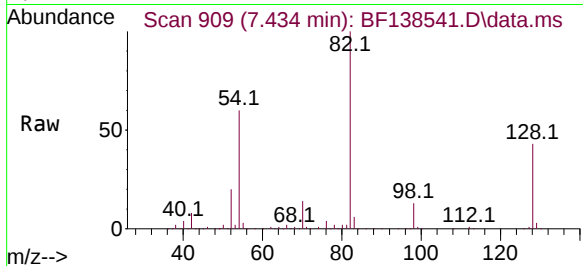




#23
 Nitrobenzene-d5
 Concen: 82.252 ng
 RT: 7.434 min Scan# 909
 Delta R.T. 0.000 min
 Lab File: BF138541.D
 Acq: 12 Jul 2024 12:23

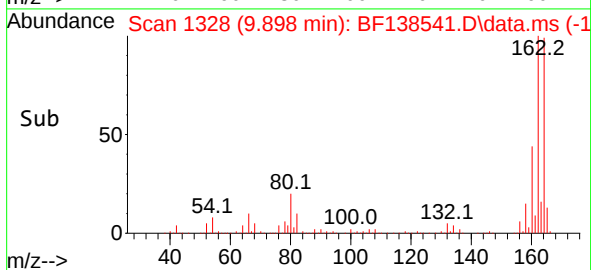
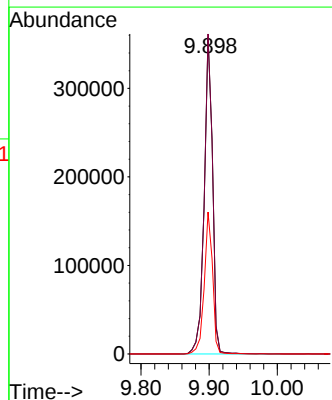
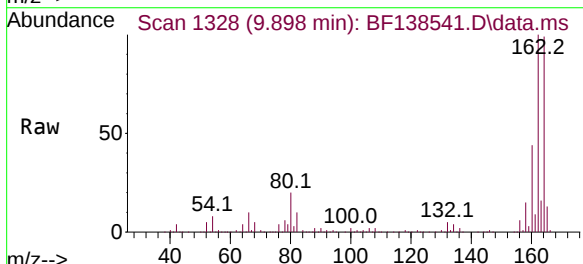
Instrument :
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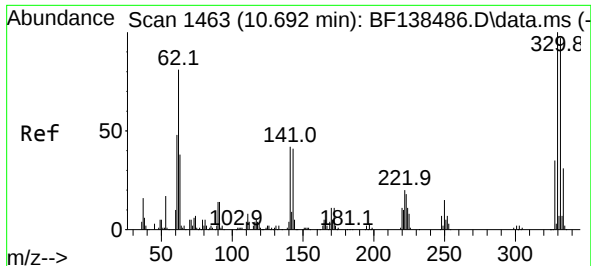
Tgt Ion: 82 Resp: 881079
 Ion Ratio Lower Upper
 82 100
 128 42.8 32.3 48.5
 54 59.7 51.4 77.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.898 min Scan# 1328
 Delta R.T. -0.006 min
 Lab File: BF138541.D
 Acq: 12 Jul 2024 12:23

Tgt Ion:164 Resp: 305938
 Ion Ratio Lower Upper
 164 100
 162 101.0 79.0 118.6
 160 44.8 34.4 51.6

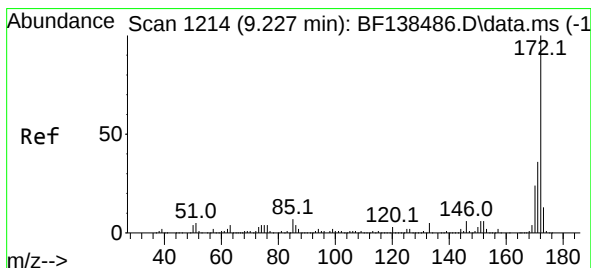
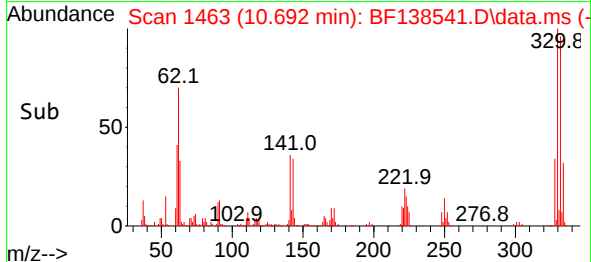
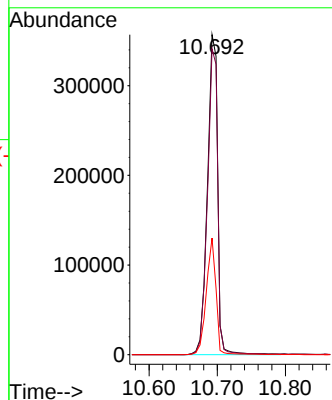
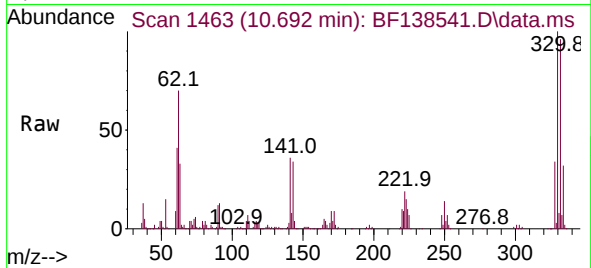




#42
2,4,6-Tribromophenol
Concen: 130.375 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

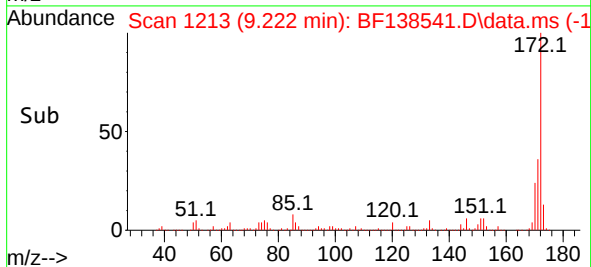
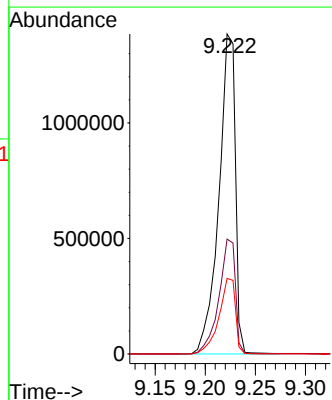
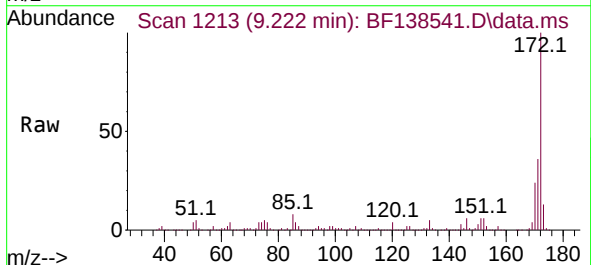
Instrument :
BNA_F
ClientSampleId :
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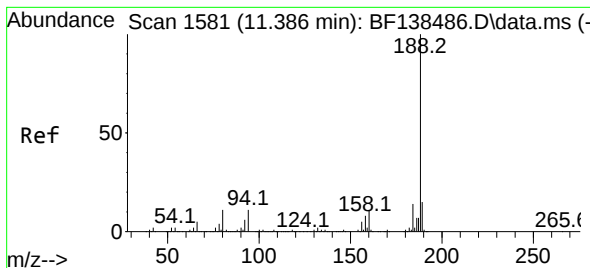
Tgt Ion: 330 Resp: 372782
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 34.6 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 80.913 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

Tgt Ion: 172 Resp: 1583864
Ion Ratio Lower Upper
172 100
171 35.9 28.9 43.3
170 23.6 18.9 28.3

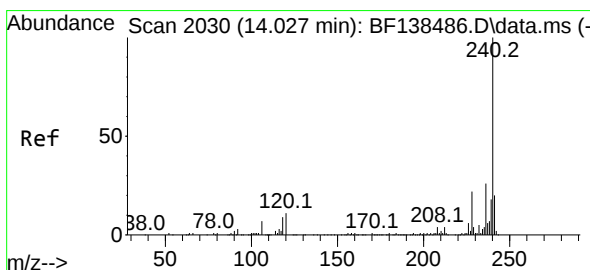
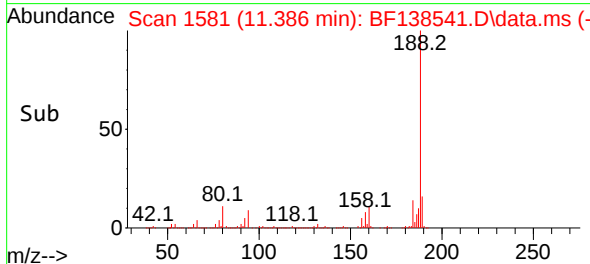
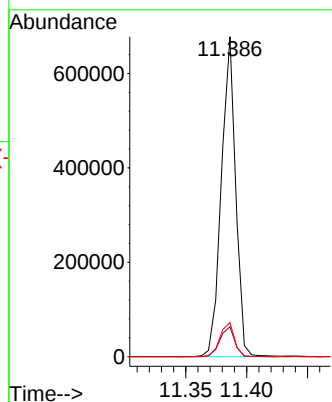
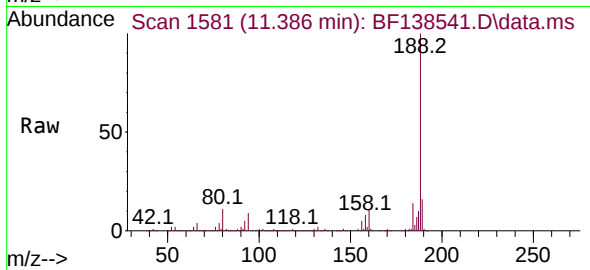




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

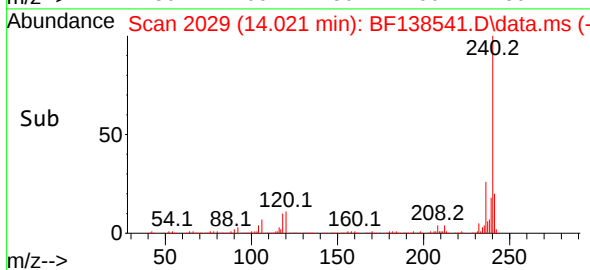
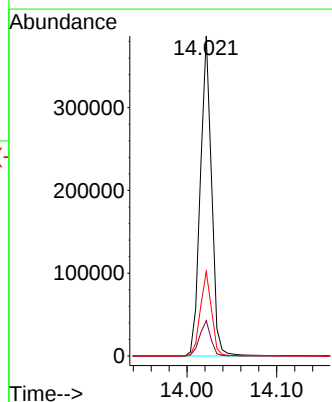
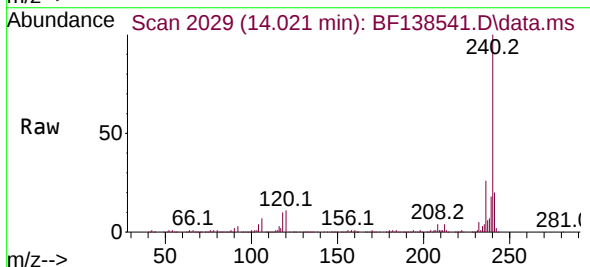
Instrument :
BNA_F
ClientSampleId :
PB162009BL

Tgt Ion:188 Resp: 557460
Ion Ratio Lower Upper
188 100
94 9.4 8.7 13.1
80 10.6 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF138541.D
Acq: 12 Jul 2024 12:23

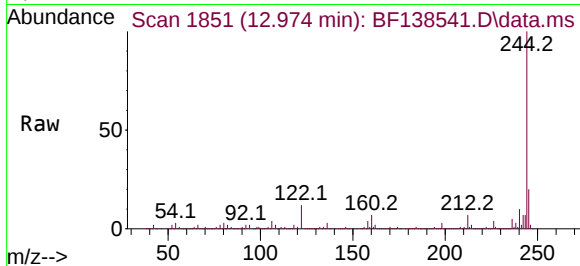
Tgt Ion:240 Resp: 335199
Ion Ratio Lower Upper
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120 11.0 8.6 12.8
236 26.4 21.0 31.6



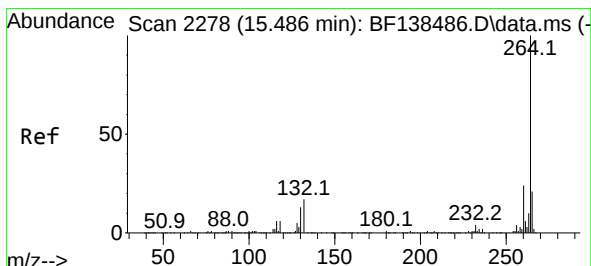
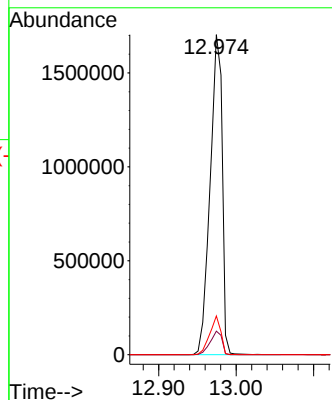
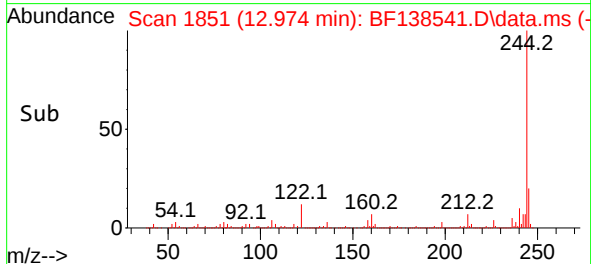


#79
 Terphenyl-d14
 Concen: 89.522 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF138541.D
 Acq: 12 Jul 2024 12:23

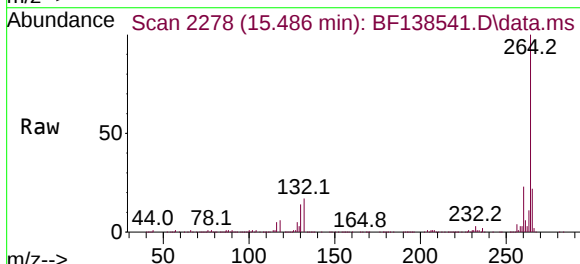
Instrument :
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Tgt Ion:244 Resp: 1841964
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.1 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. 0.000 min
 Lab File: BF138541.D
 Acq: 12 Jul 2024 12:23



Tgt Ion:264 Resp: 264677
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.0 28.6
 265 21.8 17.0 25.4

