

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071524\
 Data File : BF138565.D
 Acq On : 15 Jul 2024 12:52
 Operator : CG\JU
 Sample : PB162035BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162035BL

Quant Time: Jul 15 13:28:18 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	6.869	152	154777	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	575620	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	324179	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	596474	20.000	ng	0.00
76) Chrysene-d12	14.021	240	370623	20.000	ng	0.00
86) Perylene-d12	15.492	264	378509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1238060	126.684	ng	0.02
7) Phenol-d6	6.510	99	1453211	111.780	ng	0.00
23) Nitrobenzene-d5	7.433	82	937226	79.941	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	371854	122.733	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1661137	80.085	ng	0.00
79) Terphenyl-d14	12.980	244	1892143	83.171	ng	0.00

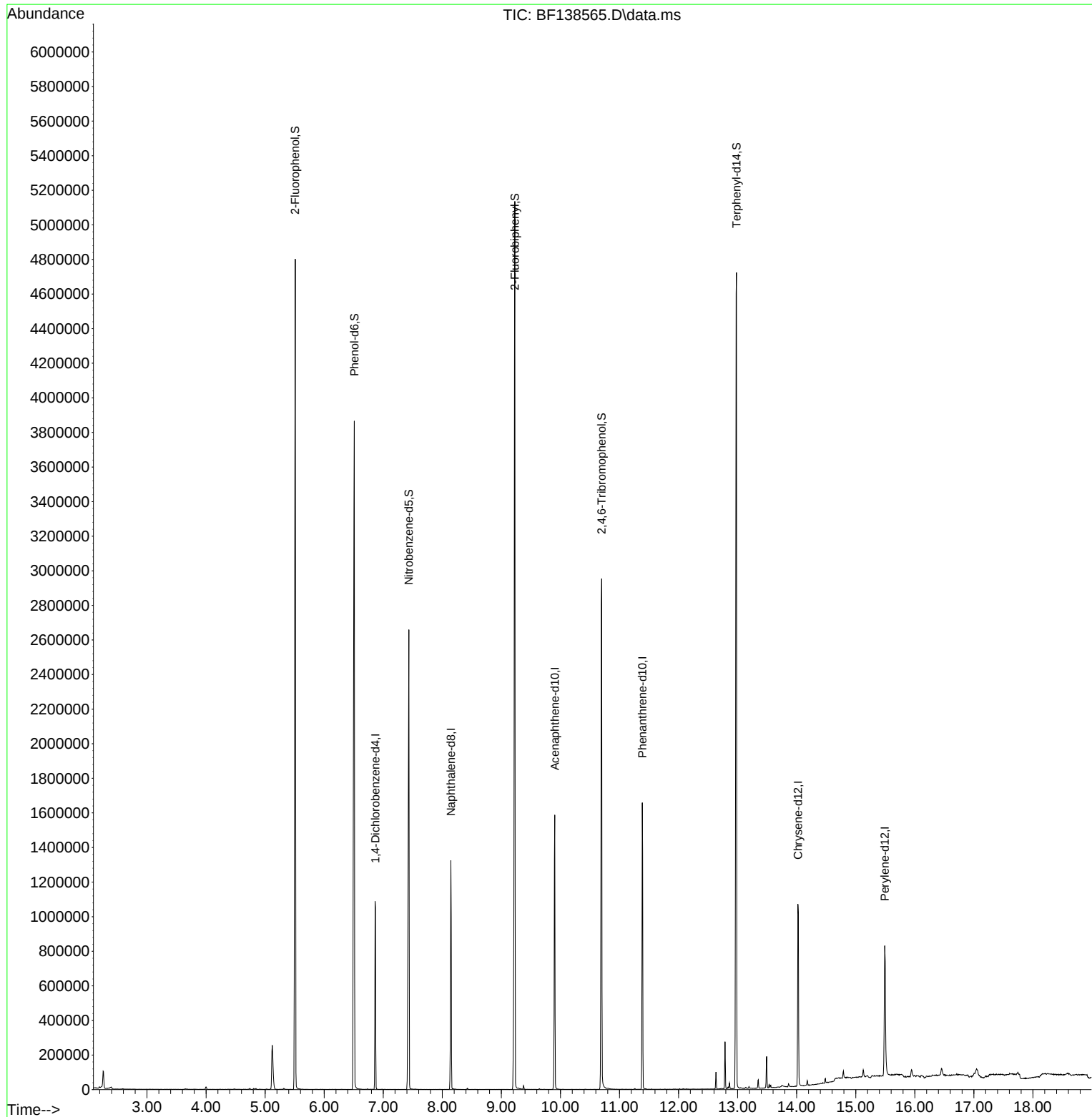
Target Compounds	Qvalue

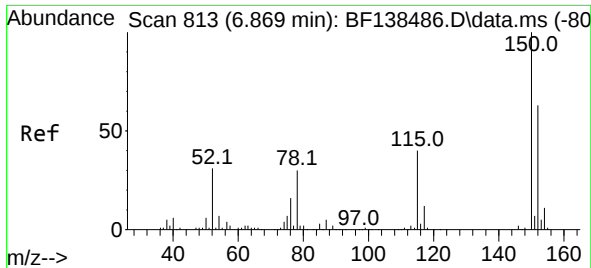
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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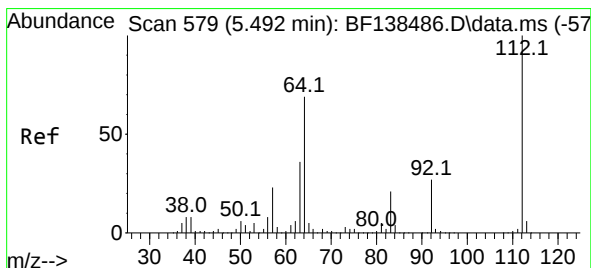
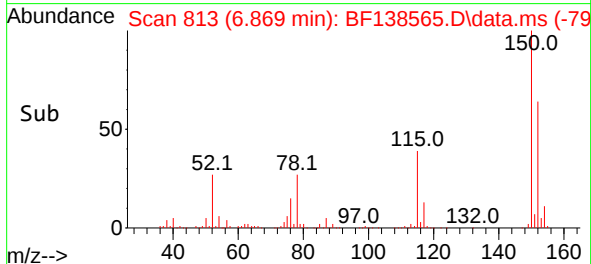
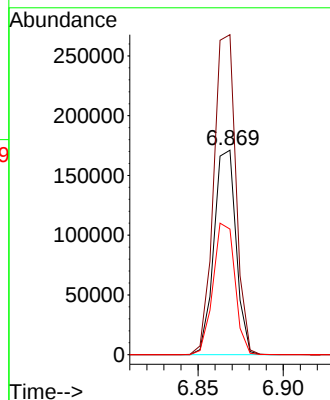
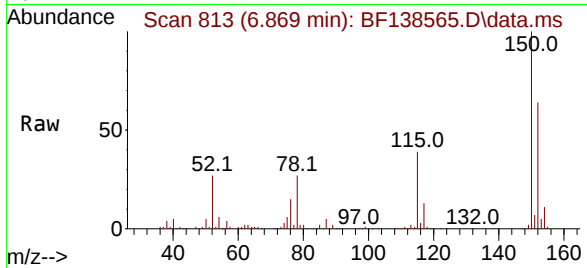




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF138565.D
Acq: 15 Jul 2024 12:52

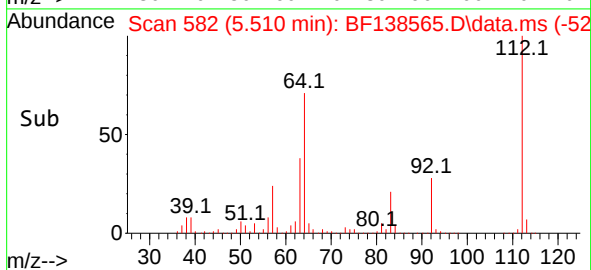
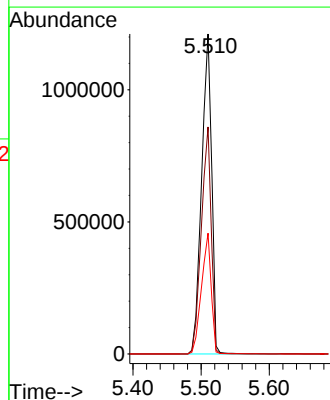
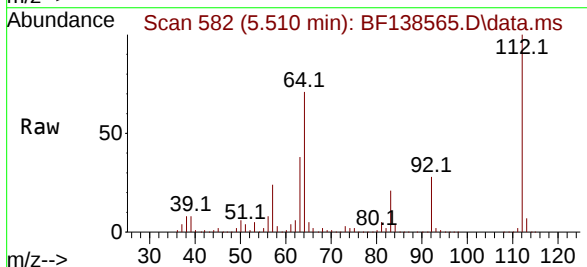
Instrument :
BNA_F
ClientSampleId :
PB162035BL

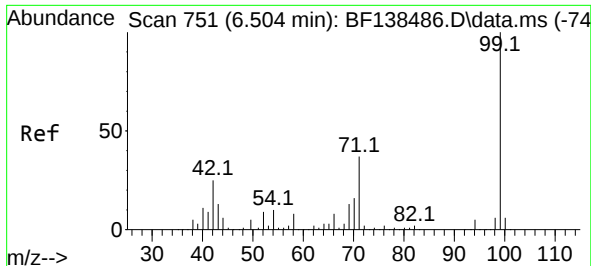
Tgt Ion:152 Resp: 154777
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.4
115 61.4 50.3 75.5



#5
2-Fluorophenol
Concen: 126.684 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF138565.D
Acq: 15 Jul 2024 12:52

Tgt Ion:112 Resp: 1238060
Ion Ratio Lower Upper
112 100
64 71.0 55.1 82.7
63 37.7 29.0 43.6

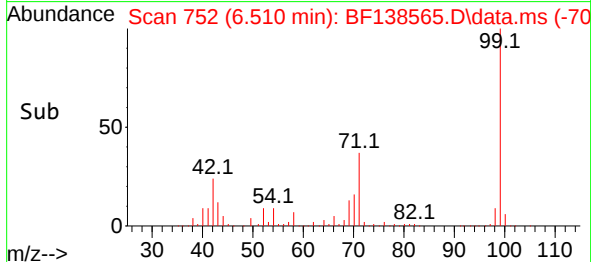
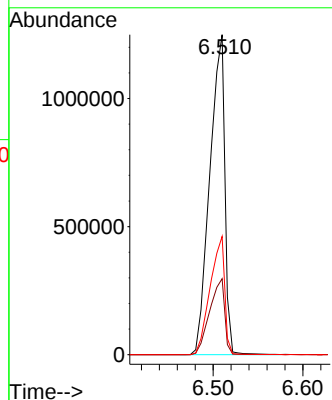
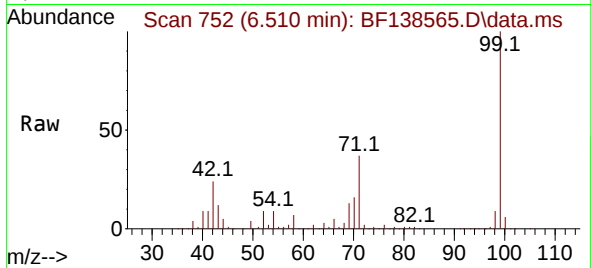




#7
Phenol-d6
Concen: 111.780 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF138565.D
Acq: 15 Jul 2024 12:52

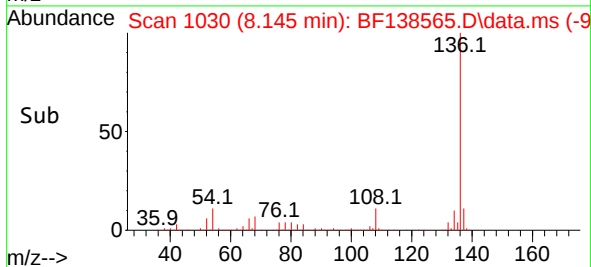
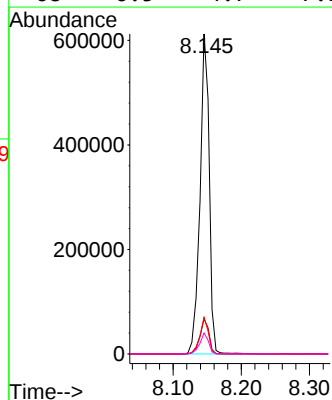
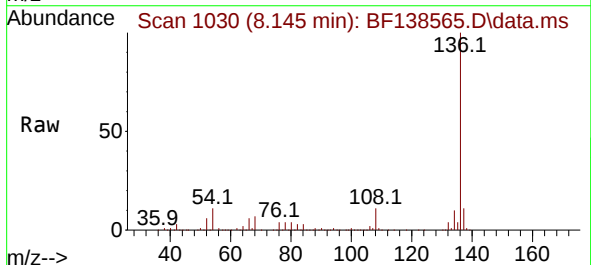
Instrument :
BNA_F
ClientSampleId :
PB162035BL

Tgt Ion: 99 Resp: 1453211
Ion Ratio Lower Upper
99 100
42 23.8 19.7 29.5
71 37.0 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: BF138565.D
Acq: 15 Jul 2024 12:52

Tgt Ion: 136 Resp: 575620
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 11.4 8.1 12.1
68 6.5 4.7 7.1





#23

Nitrobenzene-d5

Concen: 79.941 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.000 min

Lab File: BF138565.D

Acq: 15 Jul 2024 12:52

Instrument :

BNA_F

ClientSampleId :

PB162035BL

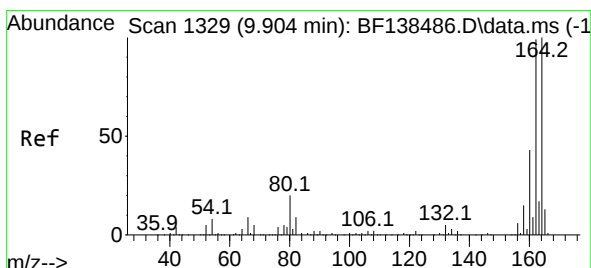
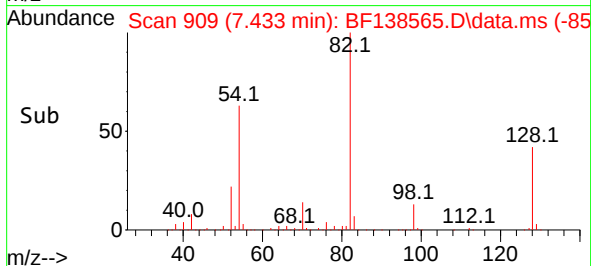
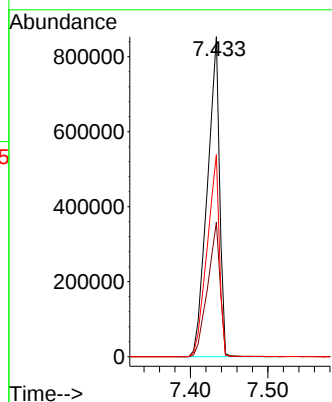
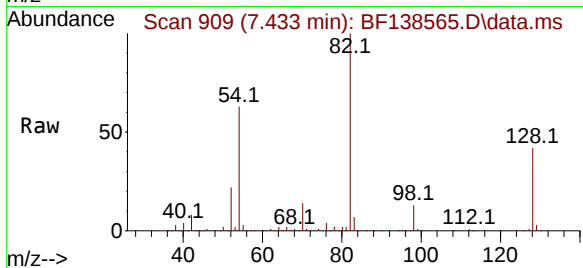
Tgt Ion: 82 Resp: 937226

Ion Ratio Lower Upper

82 100

128 42.0 32.3 48.5

54 63.1 51.4 77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BF138565.D

Acq: 15 Jul 2024 12:52

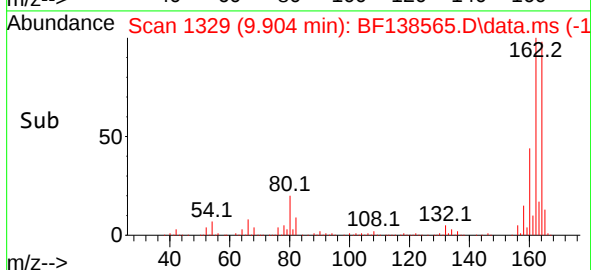
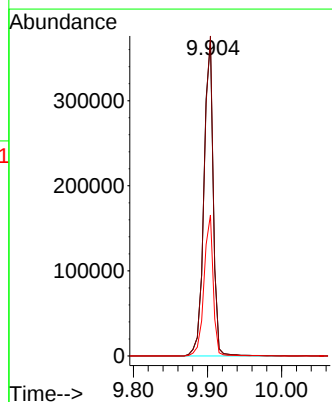
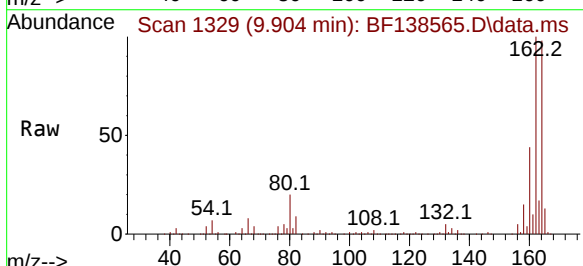
Tgt Ion:164 Resp: 324179

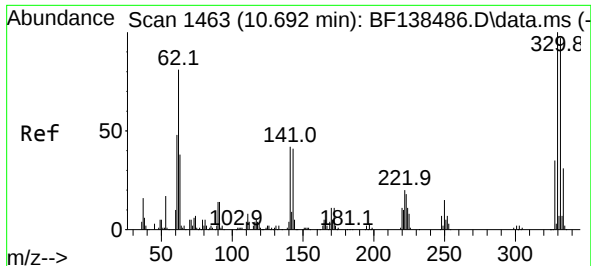
Ion Ratio Lower Upper

164 100

162 101.9 79.0 118.6

160 44.9 34.4 51.6

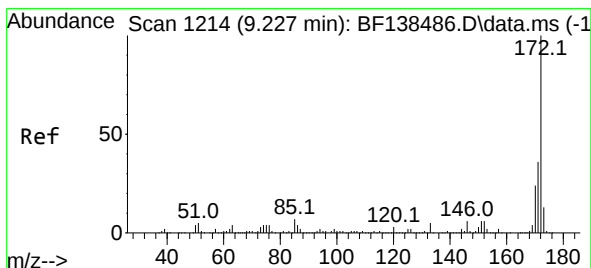
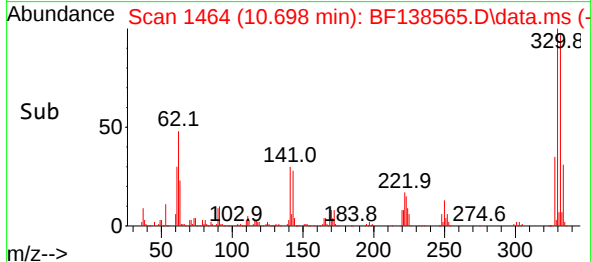
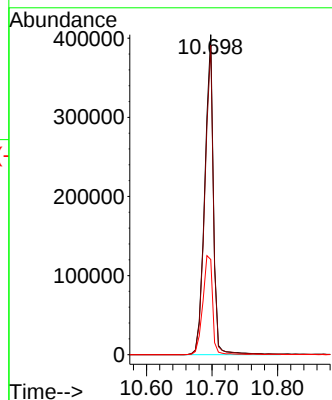
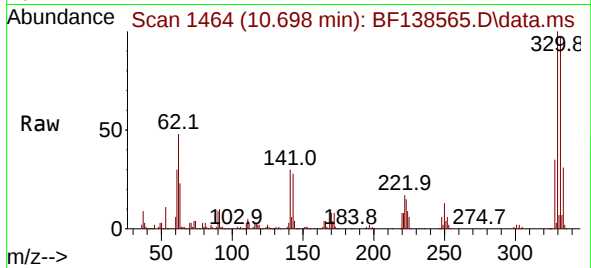




#42
2,4,6-Tribromophenol
Concen: 122.733 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138565.D
Acq: 15 Jul 2024 12:52

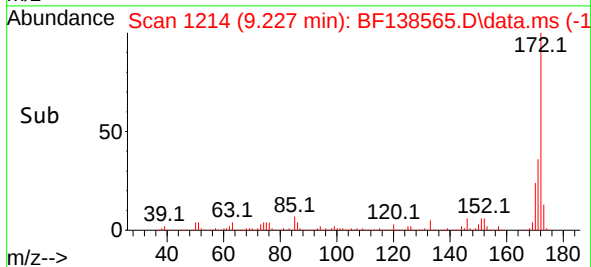
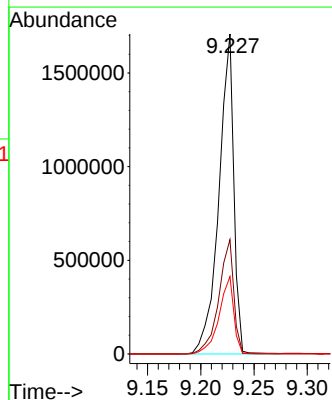
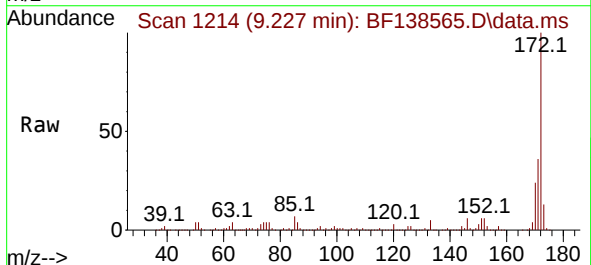
Instrument :
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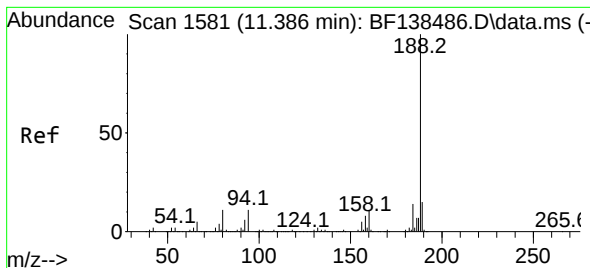
Tgt Ion:330 Resp: 371854
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 35.0 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 80.085 ng
RT: 9.227 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF138565.D
Acq: 15 Jul 2024 12:52

Tgt Ion:172 Resp: 1661137
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 24.2 18.9 28.3

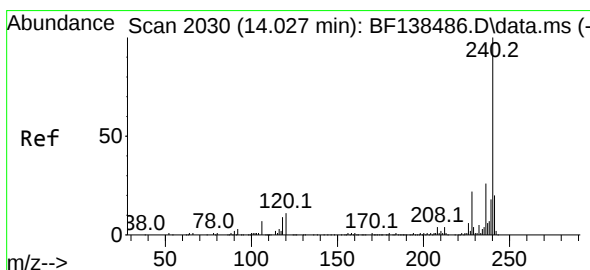
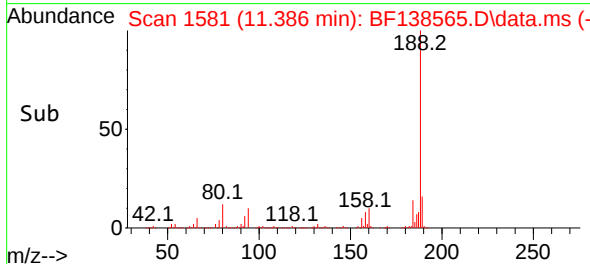
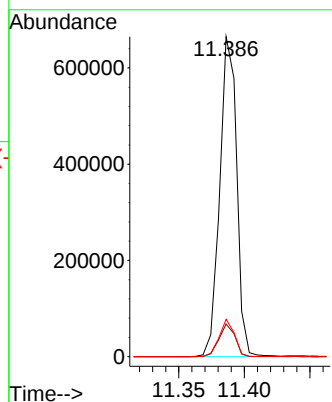
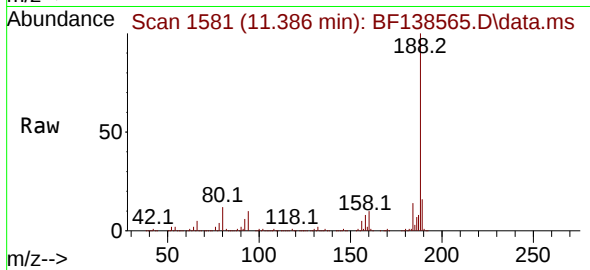




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138565.D
Acq: 15 Jul 2024 12:52

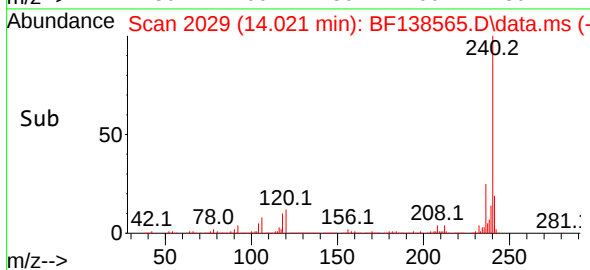
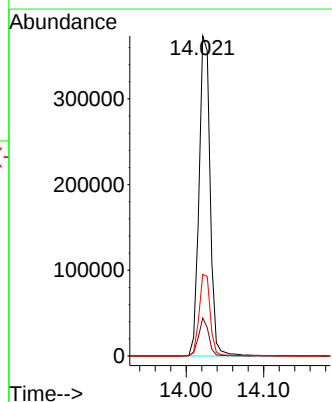
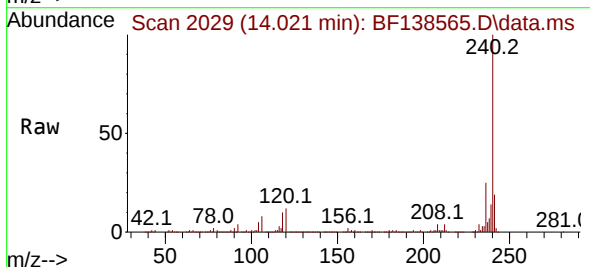
Instrument :
BNA_F
ClientSampleId :
PB162035BL

Tgt Ion:188 Resp: 596474
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 11.7 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: BF138565.D
Acq: 15 Jul 2024 12:52

Tgt Ion:240 Resp: 370623
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 25.5 21.0 31.6

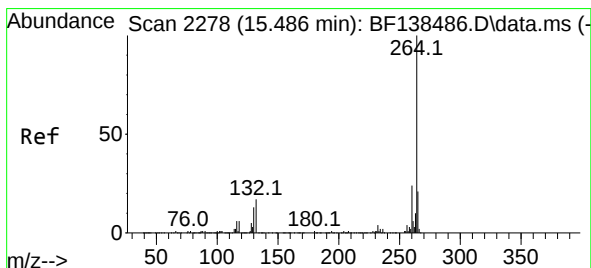
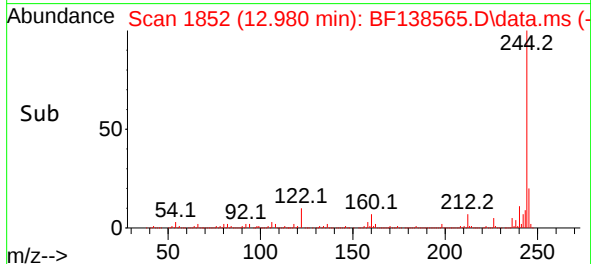
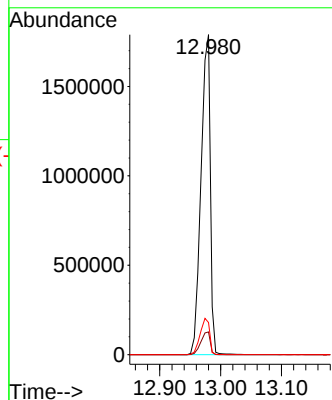
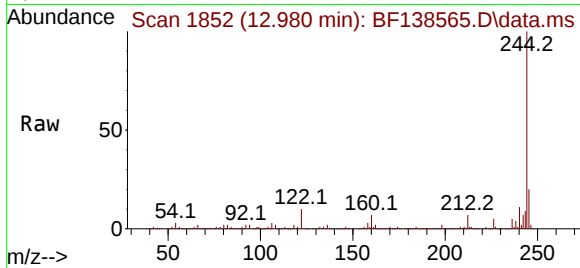




#79
 Terphenyl-d14
 Concen: 83.171 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: BF138565.D
 Acq: 15 Jul 2024 12:52

Instrument :
 BNA_F
 ClientSampleId :
 PB162035BL

Tgt Ion:244 Resp: 1892143
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 10.0 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. 0.006 min
 Lab File: BF138565.D
 Acq: 15 Jul 2024 12:52

Tgt Ion:264 Resp: 378509
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.1 17.0 25.4

