

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140692.D
 Acq On : 02 Dec 2024 16:47
 Operator : RC/JU
 Sample : P5048-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-746-WC

Quant Time: Dec 02 17:27:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	76782	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	290714	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	163791	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	321963	20.000	ng	0.00
76) Chrysene-d12	14.051	240	187394	20.000	ng	0.00
86) Perylene-d12	15.556	264	147072	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	651089	144.682	ng	0.02
7) Phenol-d6	6.510	99	838769	140.986	ng	0.00
23) Nitrobenzene-d5	7.433	82	583798	102.718	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	276698	157.955	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1125649	102.396	ng	-0.01
79) Terphenyl-d14	12.980	244	1076458	89.447	ng	-0.01

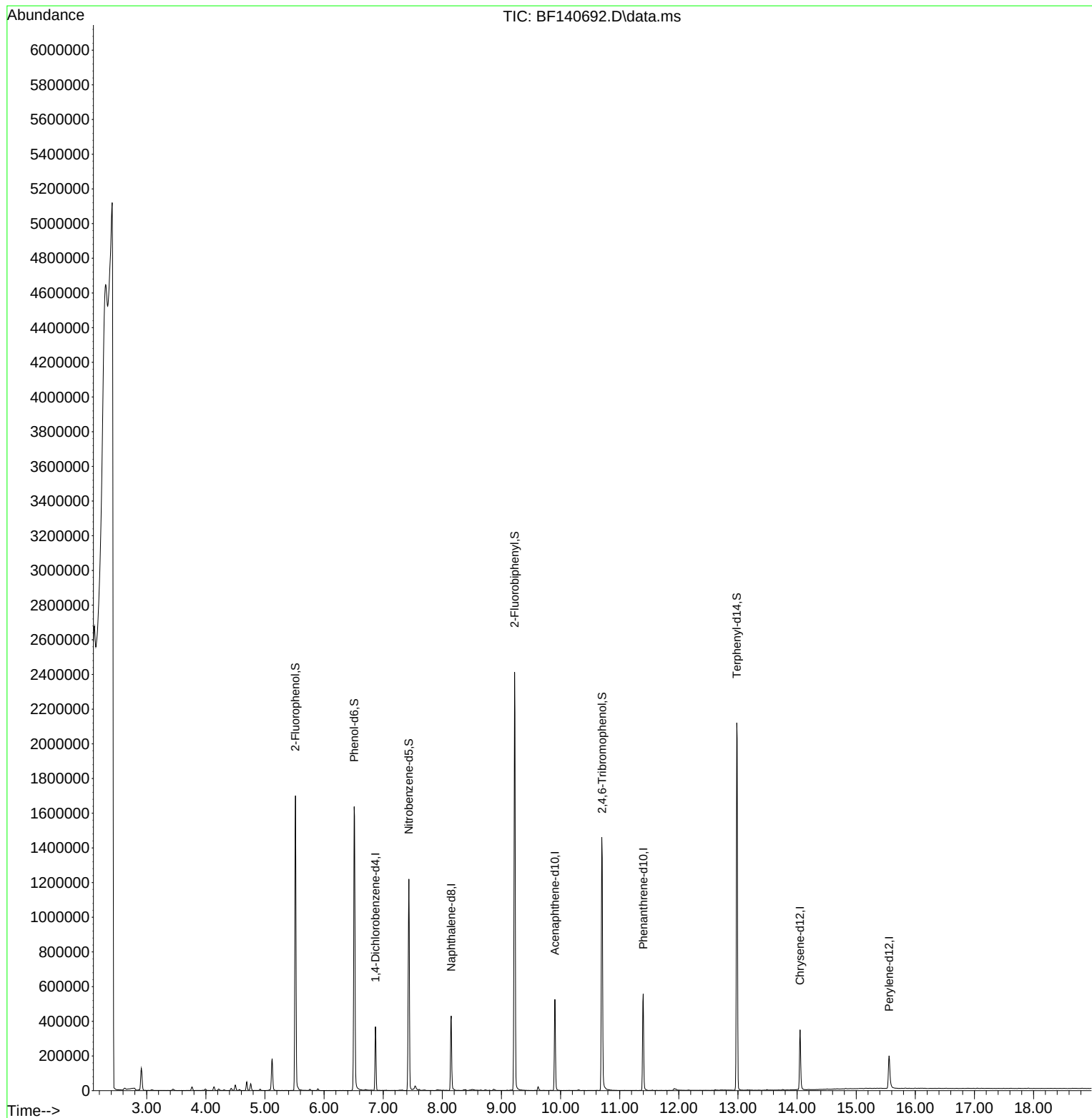
Target Compounds	Qvalue

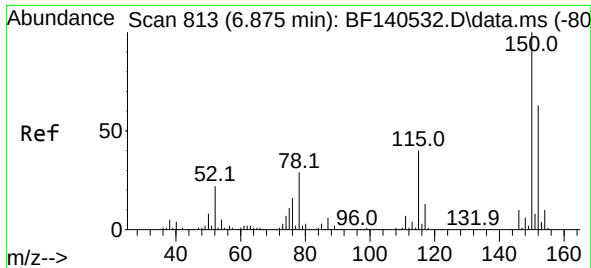
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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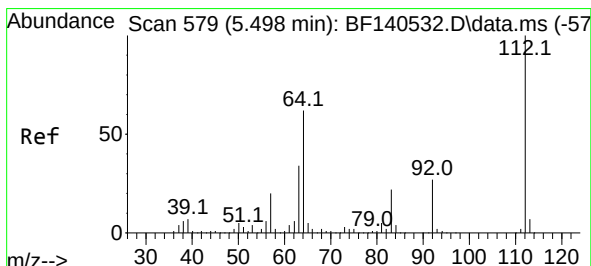
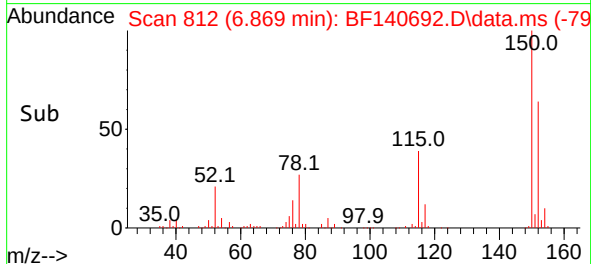
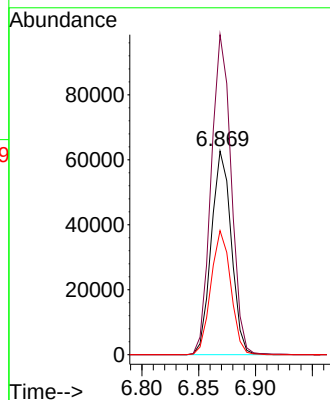
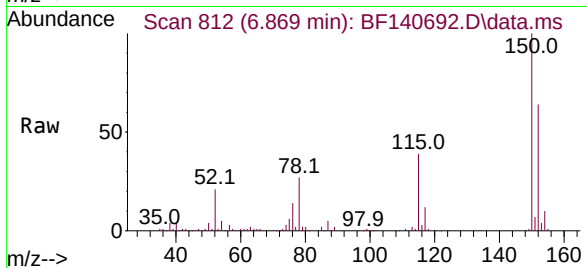




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

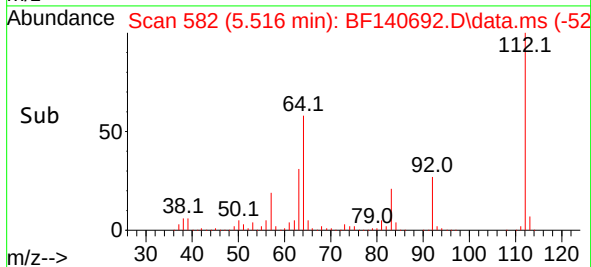
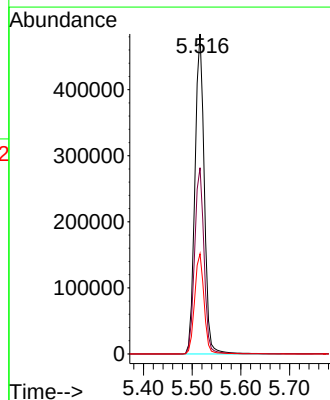
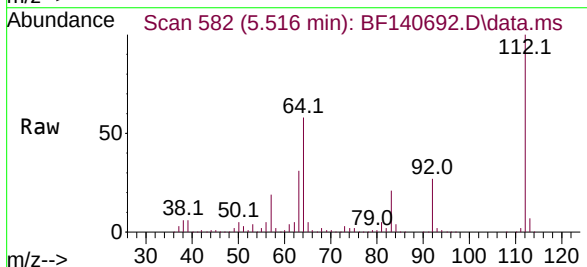
Instrument :
BNA_F
ClientSampleId :
MH-746-WC

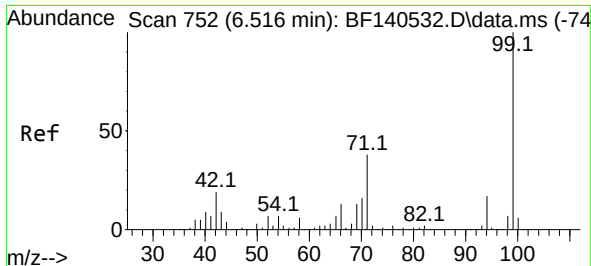
Tgt Ion:152 Resp: 76782
Ion Ratio Lower Upper
152 100
150 157.2 128.5 192.7
115 60.9 50.2 75.4



#5
2-Fluorophenol
Concen: 144.682 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

Tgt Ion:112 Resp: 651089
Ion Ratio Lower Upper
112 100
64 58.2 49.2 73.8
63 31.3 27.0 40.4

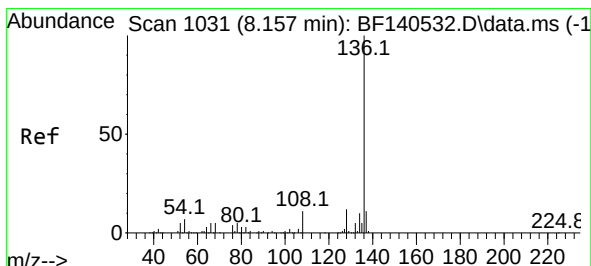
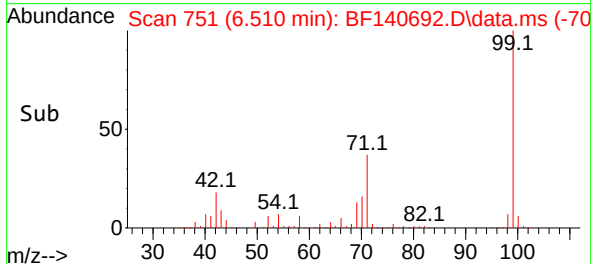
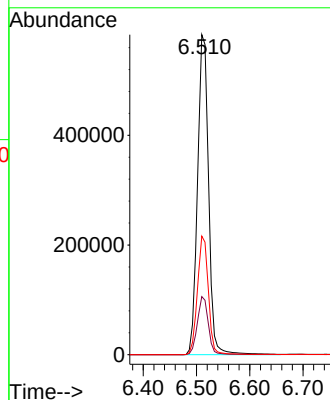
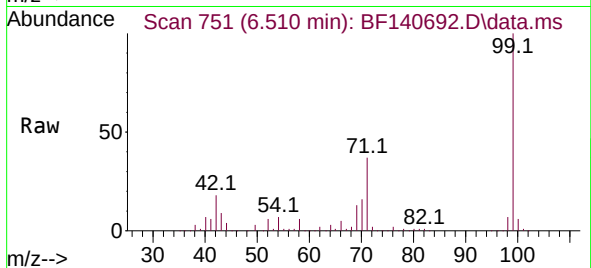




#7
Phenol-d6
Concen: 140.986 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

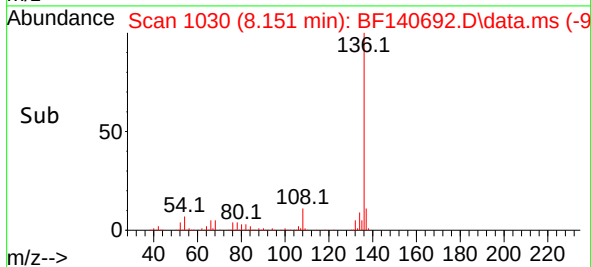
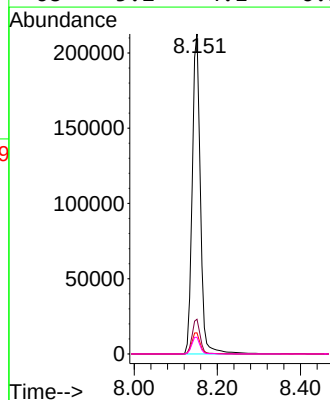
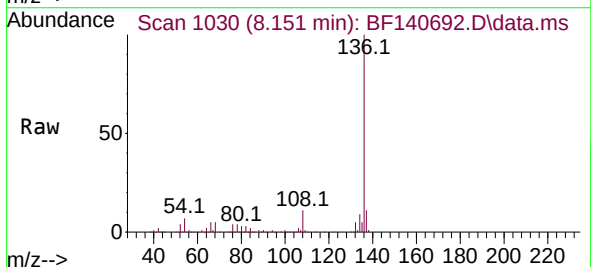
Instrument :
BNA_F
ClientSampleId :
MH-746-WC

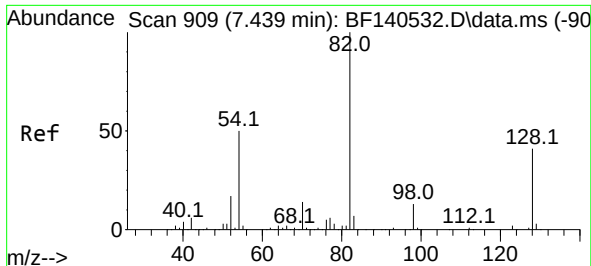
Tgt Ion: 99 Resp: 838769
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 37.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

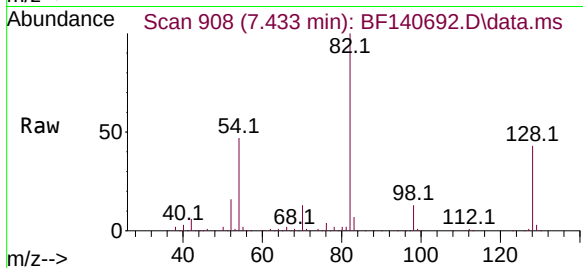
Tgt Ion: 136 Resp: 290714
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.6 5.8 8.8
68 5.2 4.1 6.1



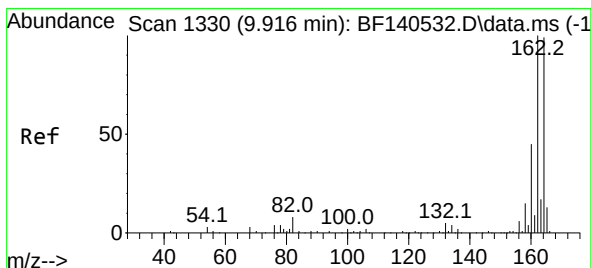
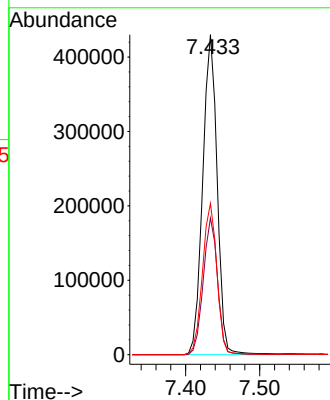
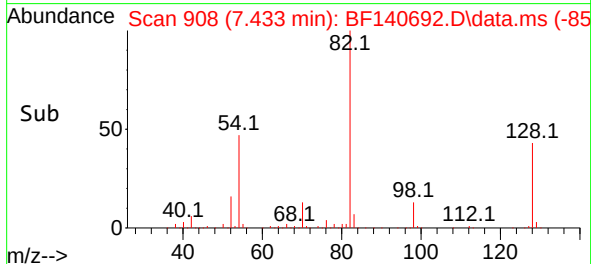


#23
Nitrobenzene-d5
Concen: 102.718 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

Instrument :
BNA_F
ClientSampleId :
MH-746-WC

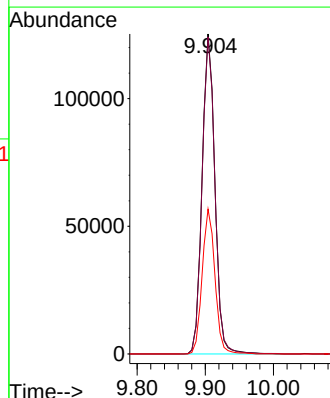
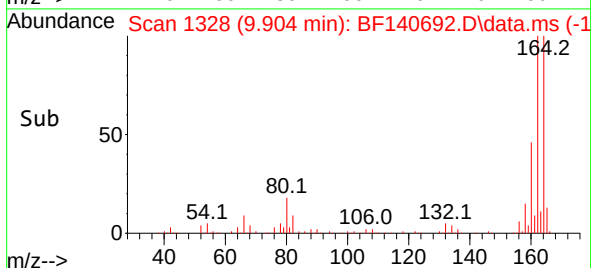
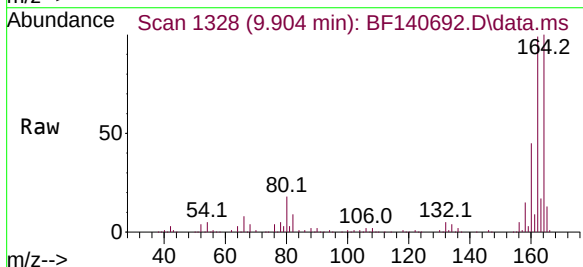


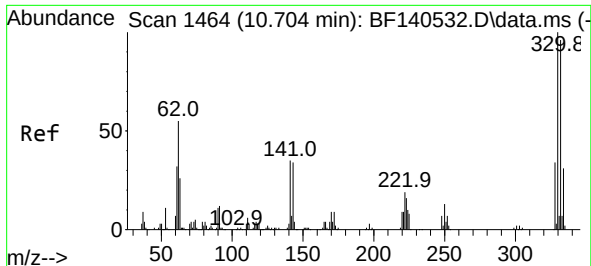
Tgt Ion: 82 Resp: 583798
Ion Ratio Lower Upper
82 100
128 42.7 33.0 49.4
54 47.3 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

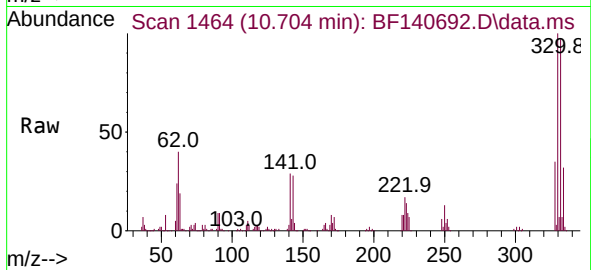
Tgt Ion: 164 Resp: 163791
Ion Ratio Lower Upper
164 100
162 99.1 80.6 120.8
160 45.3 36.2 54.4



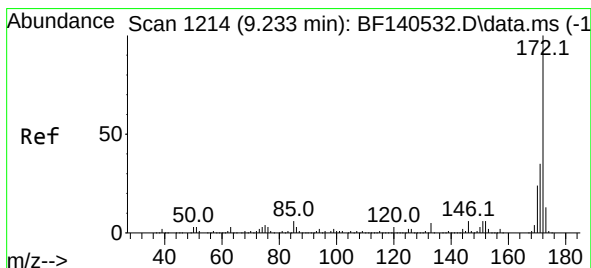
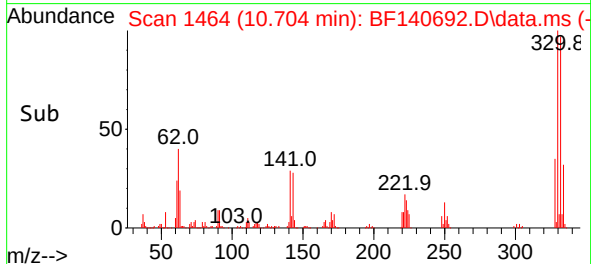
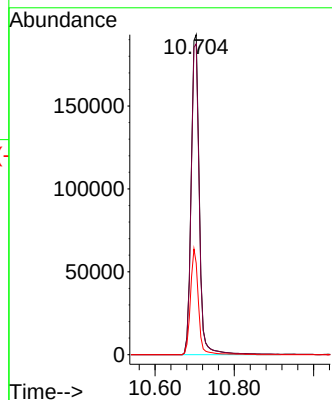


#42
2,4,6-Tribromophenol
Concen: 157.955 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

Instrument :
BNA_F
ClientSampleId :
MH-746-WC

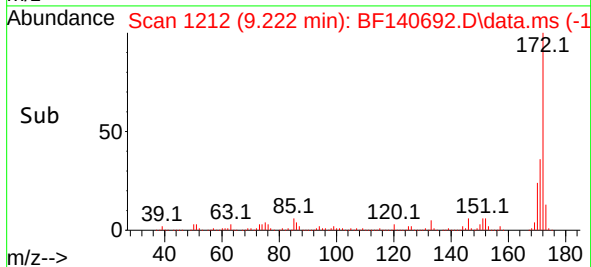
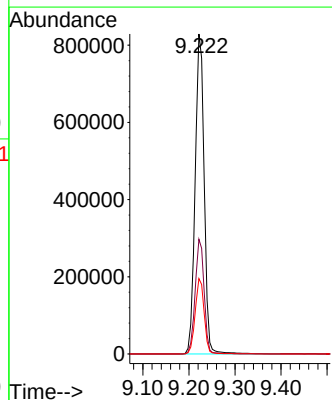
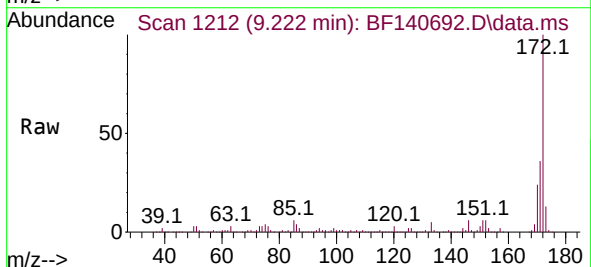


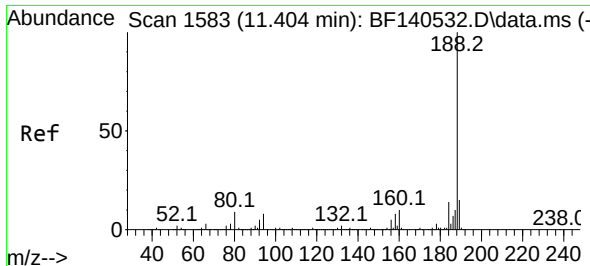
Tgt Ion:330 Resp: 276698
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 32.3 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 102.396 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

Tgt Ion:172 Resp: 1125649
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.6 19.0 28.6

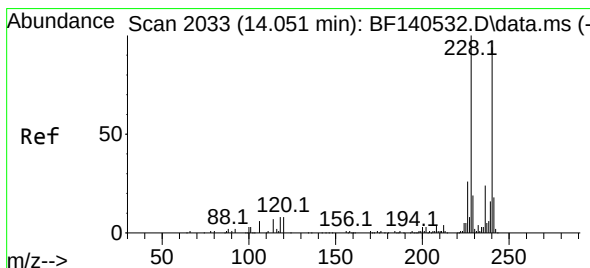
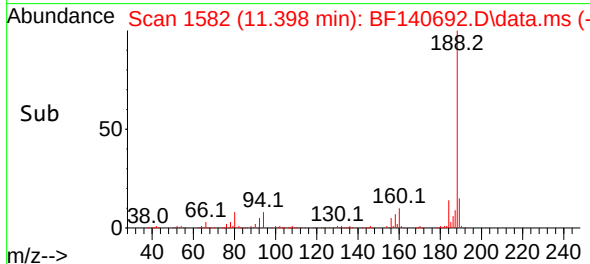
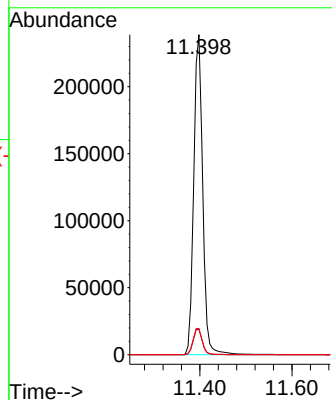
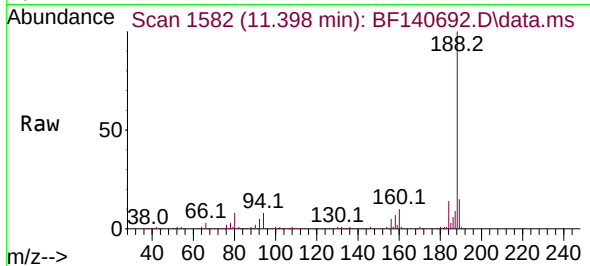




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

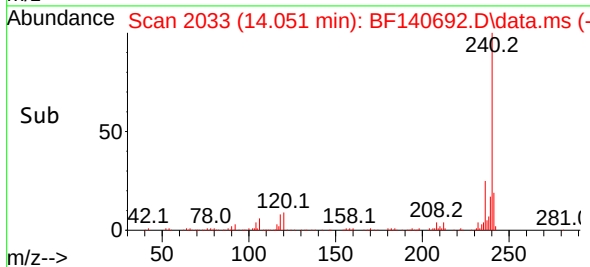
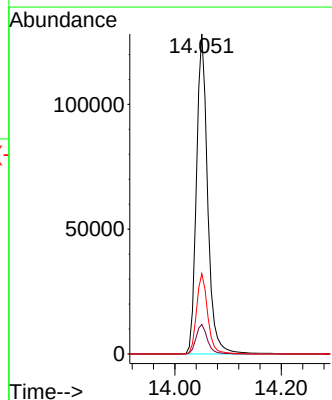
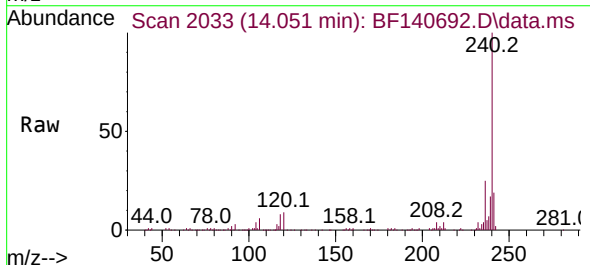
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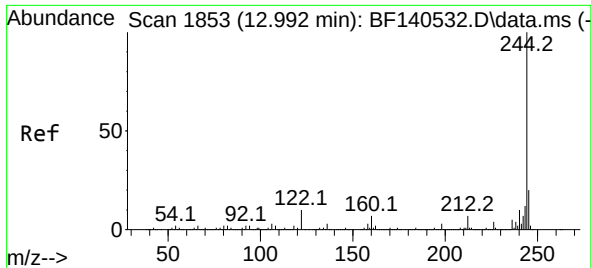
Tgt Ion:188 Resp: 321963
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.2 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140692.D
Acq: 02 Dec 2024 16:47

Tgt Ion:240 Resp: 187394
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 25.1 20.6 31.0

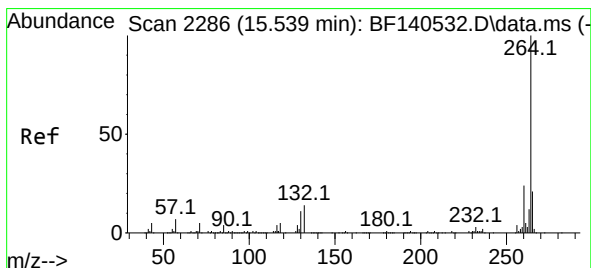
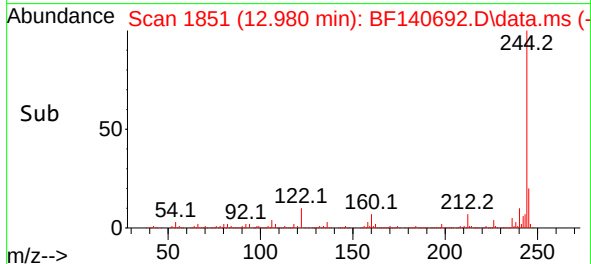
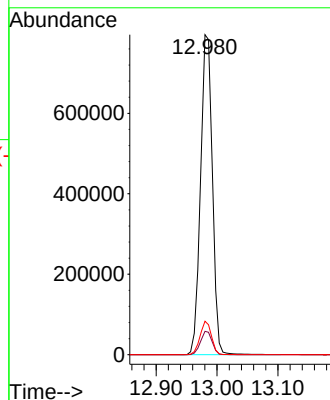
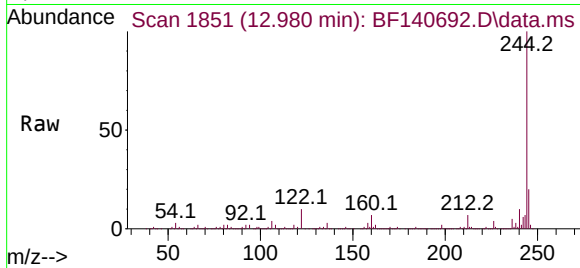




#79
 Terphenyl-d14
 Concen: 89.447 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140692.D
 Acq: 02 Dec 2024 16:47

Instrument :
 BNA_F
 ClientSampleId :
 MH-746-WC

Tgt Ion:244 Resp: 1076458
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.4 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2289
 Delta R.T. 0.018 min
 Lab File: BF140692.D
 Acq: 02 Dec 2024 16:47

Tgt Ion:264 Resp: 147072
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.2 16.6 25.0

