

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110625\
 Data File : BF144184.D
 Acq On : 06 Nov 2025 13:26
 Operator : RC/JU
 Sample : Q3537-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-17-SOIL

Quant Time: Nov 06 13:48:53 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	72912	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	276675	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	150551	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	245863	20.000	ng	0.00
76) Chrysene-d12	14.051	240	175476	20.000	ng	0.00
86) Perylene-d12	15.533	264	230830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	312569	67.085	ng	0.00
7) Phenol-d6	6.498	99	351265	66.536	ng	0.00
23) Nitrobenzene-d5	7.434	82	213431	44.553	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	118800	62.882	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	437766	42.946	ng	0.00
79) Terphenyl-d14	12.992	244	413119	37.395	ng	0.00

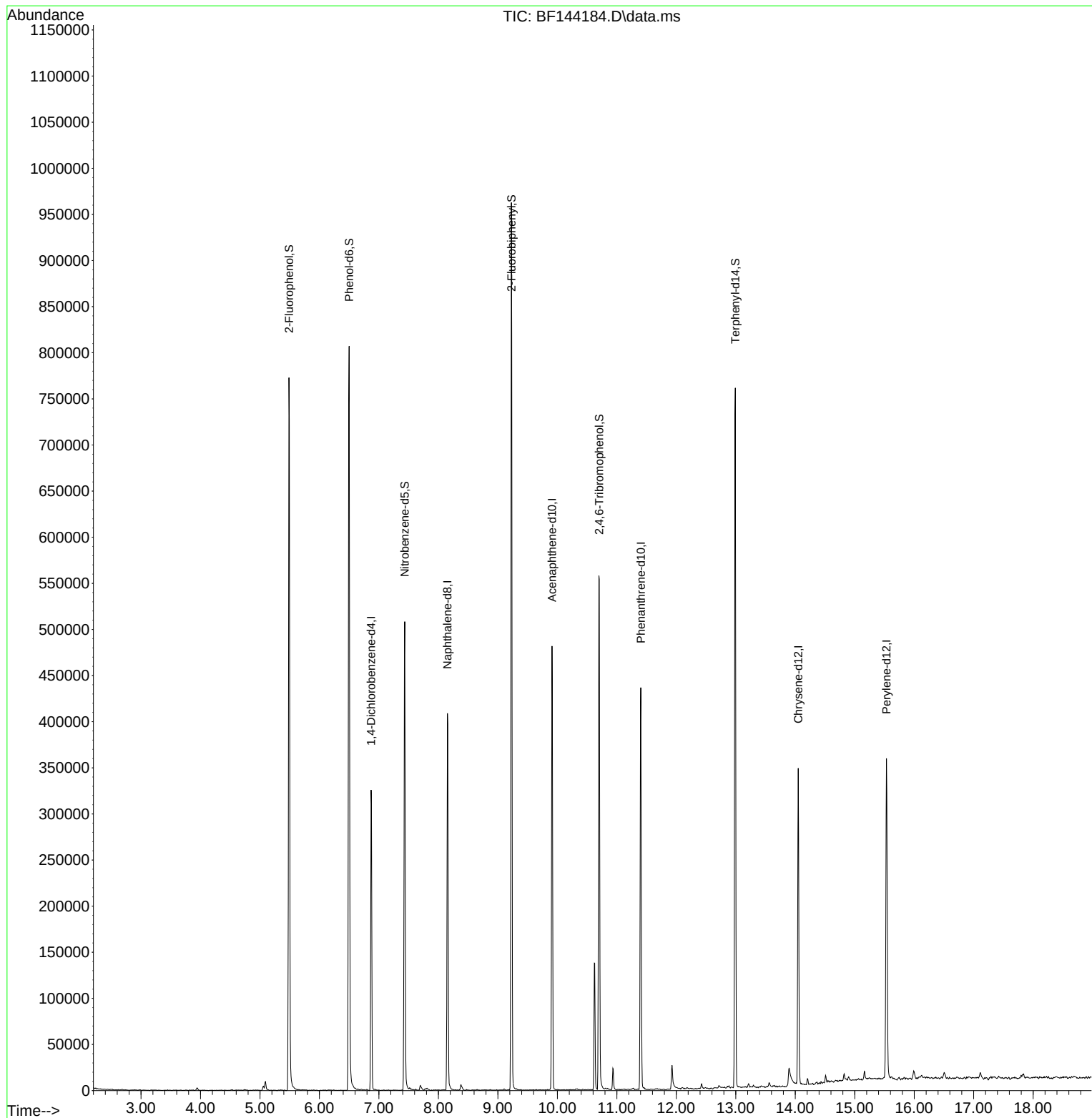
Target Compounds	Qvalue

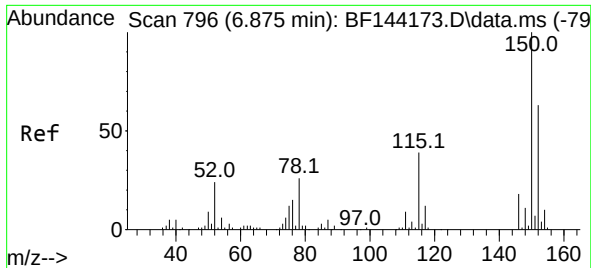
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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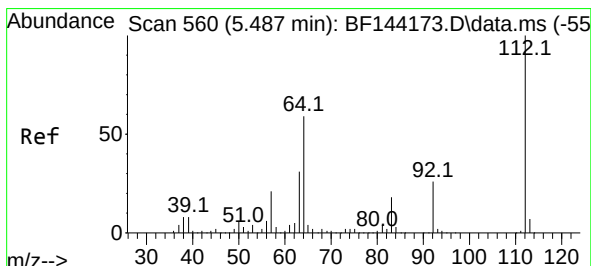
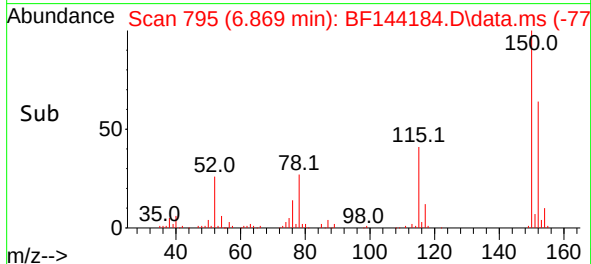
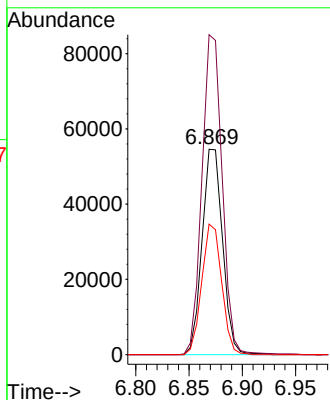
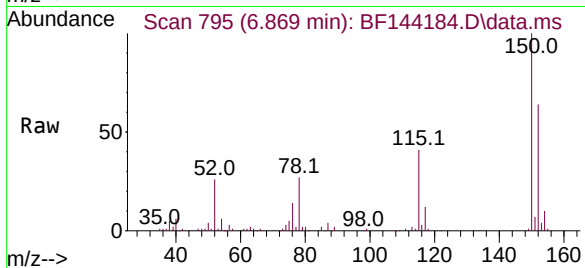




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144184.D
Acq: 06 Nov 2025 13:26

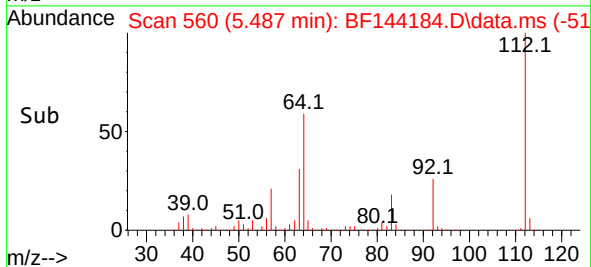
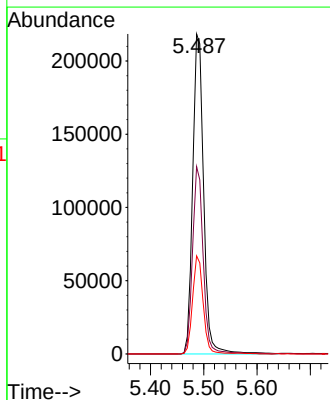
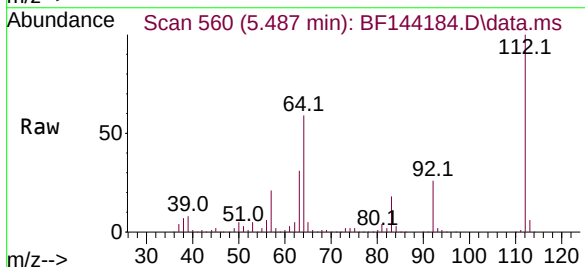
Instrument :
BNA_F
ClientSampleId :
MW-17-SOIL

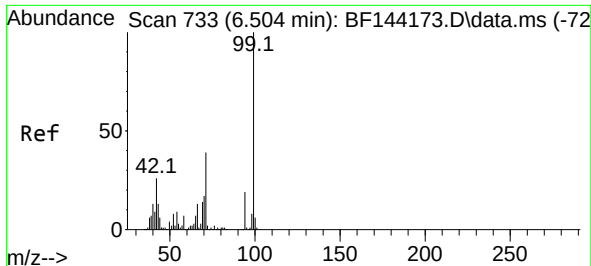
Tgt Ion:152 Resp: 72912
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.0
115 63.5 49.5 74.3



#5
2-Fluorophenol
Concen: 67.085 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144184.D
Acq: 06 Nov 2025 13:26

Tgt Ion:112 Resp: 312569
Ion Ratio Lower Upper
112 100
64 58.5 47.2 70.8
63 30.6 24.4 36.6

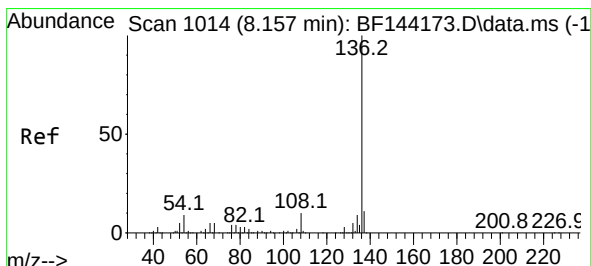
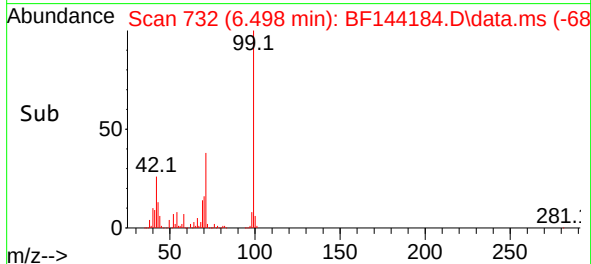
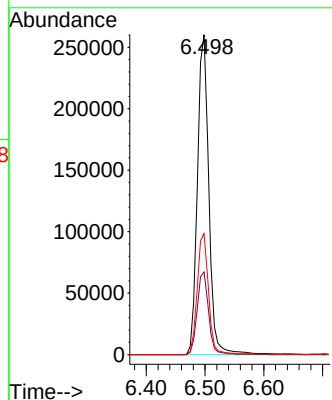
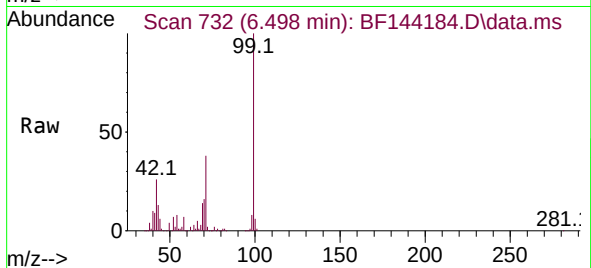




#7
Phenol-d6
Concen: 66.536 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144184.D
Acq: 06 Nov 2025 13:26

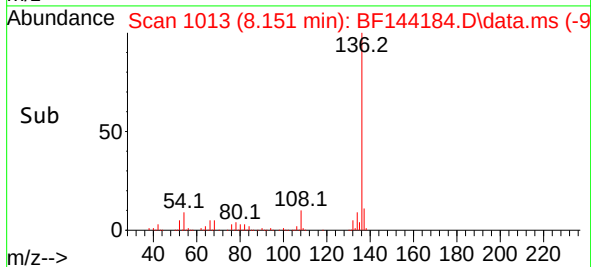
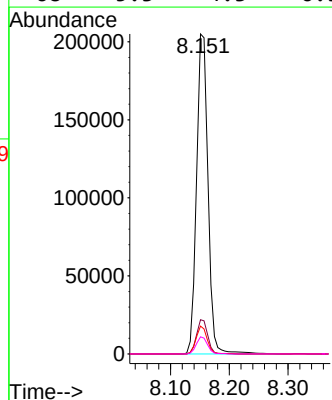
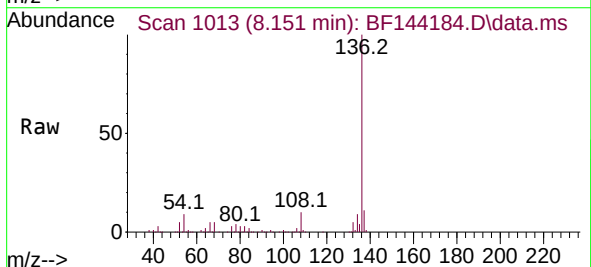
Instrument :
BNA_F
ClientSampleId :
MW-17-SOIL

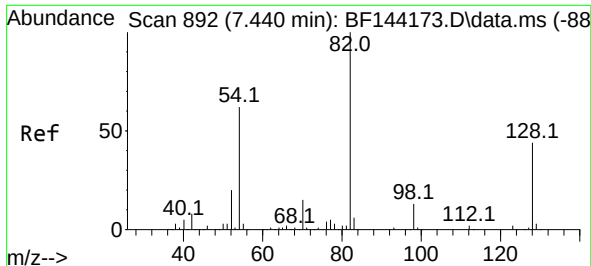
Tgt Ion: 99 Resp: 351265
Ion Ratio Lower Upper
99 100
42 25.8 20.9 31.3
71 37.8 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF144184.D
Acq: 06 Nov 2025 13:26

Tgt Ion: 136 Resp: 276675
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 7.0 10.6
68 5.3 4.3 6.5





#23

Nitrobenzene-d5

Concen: 44.553 ng

RT: 7.434 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF144184.D

Acq: 06 Nov 2025 13:26

Instrument :

BNA_F

ClientSampleId :

MW-17-SOIL

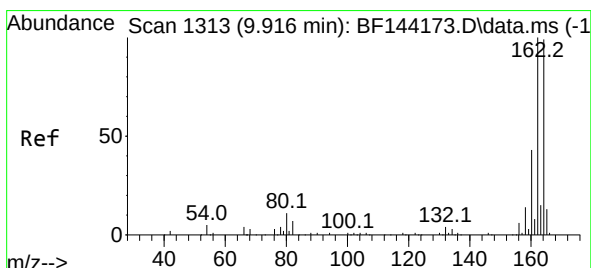
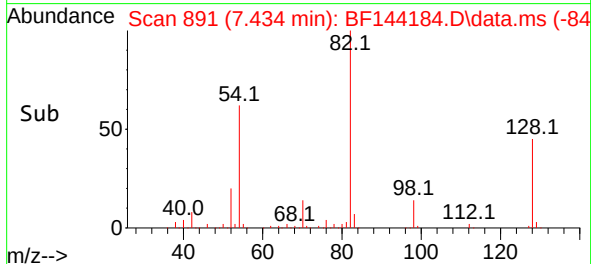
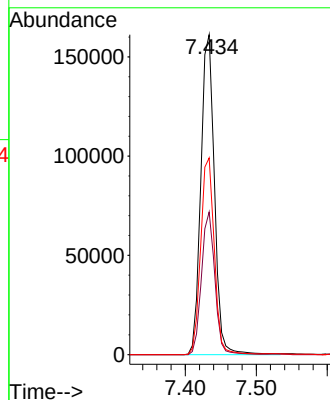
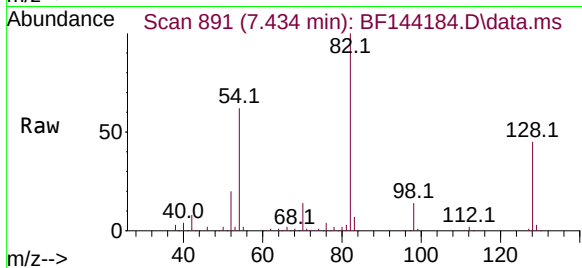
Tgt Ion: 82 Resp: 213431

Ion Ratio Lower Upper

82 100

128 44.6 34.7 52.1

54 61.5 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1312

Delta R.T. -0.006 min

Lab File: BF144184.D

Acq: 06 Nov 2025 13:26

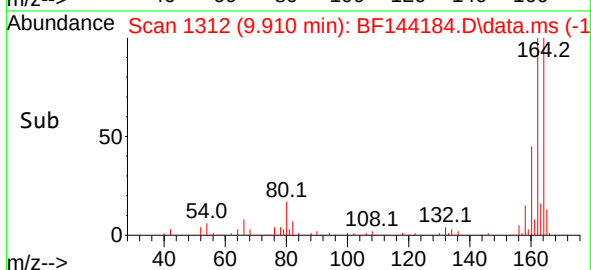
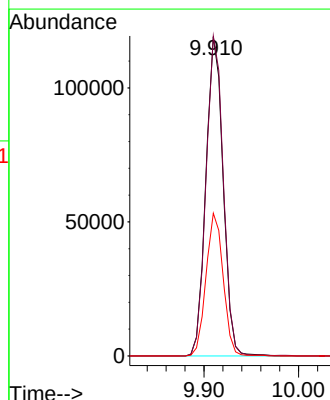
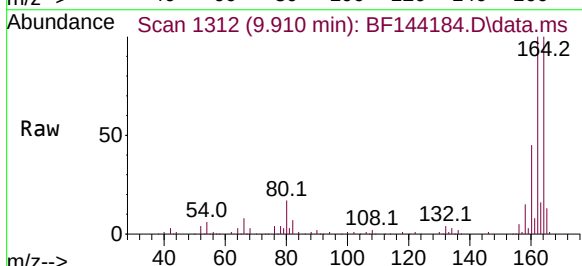
Tgt Ion:164 Resp: 150551

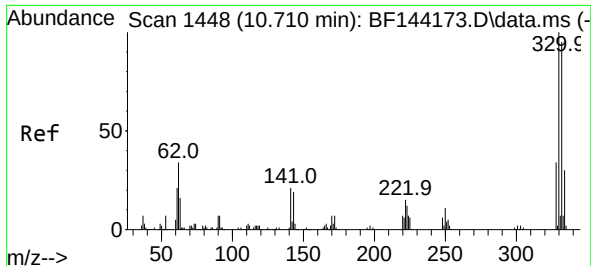
Ion Ratio Lower Upper

164 100

162 100.3 81.1 121.7

160 44.7 34.5 51.7

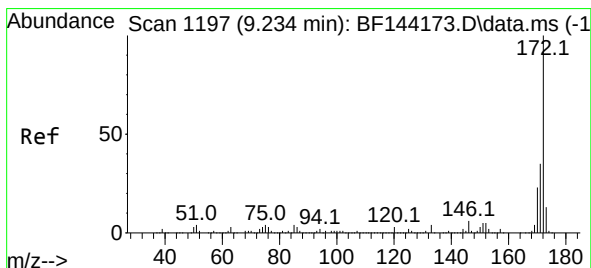
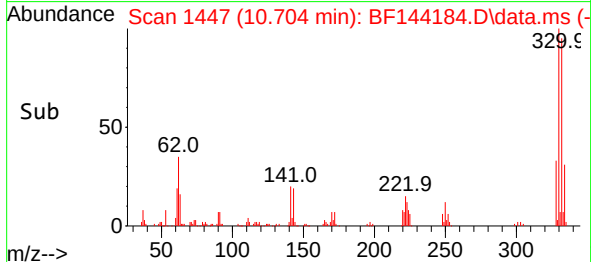
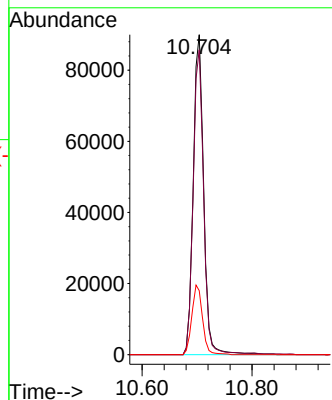
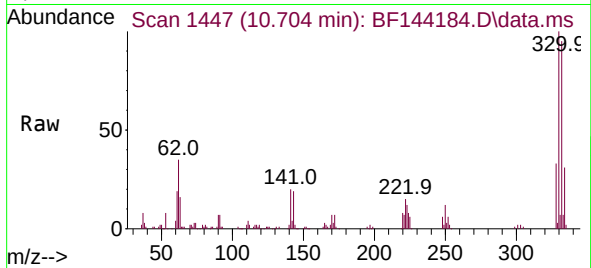




#42
2,4,6-Tribromophenol
Concen: 62.882 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144184.D
Acq: 06 Nov 2025 13:26

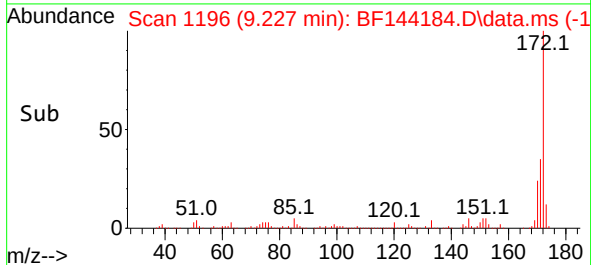
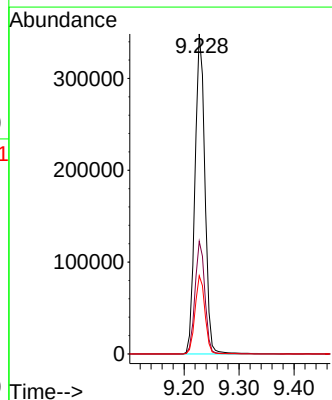
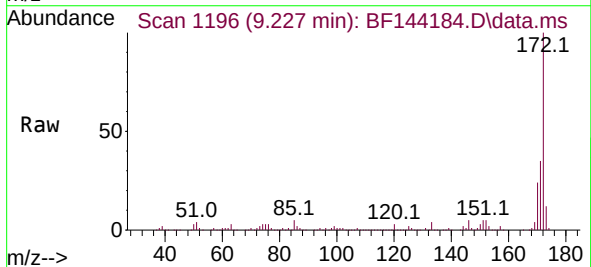
Instrument :
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ClientSampleId :
MW-17-SOIL

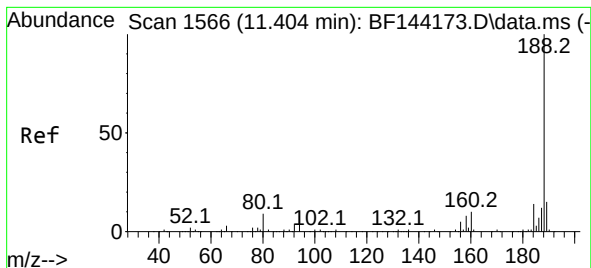
Tgt Ion:330 Resp: 118800
Ion Ratio Lower Upper
330 100
332 95.2 76.7 115.1
141 22.2 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 42.946 ng
RT: 9.227 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144184.D
Acq: 06 Nov 2025 13:26

Tgt Ion:172 Resp: 437766
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 24.4 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144184.D

Acq: 06 Nov 2025 13:26

Instrument :

BNA_F

ClientSampleId :

MW-17-SOIL

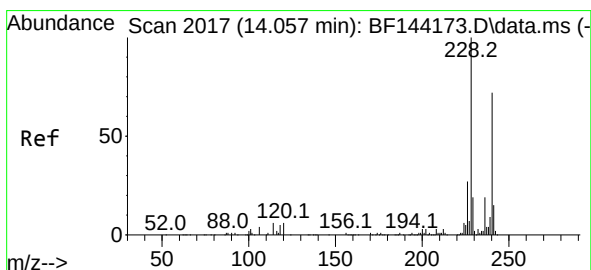
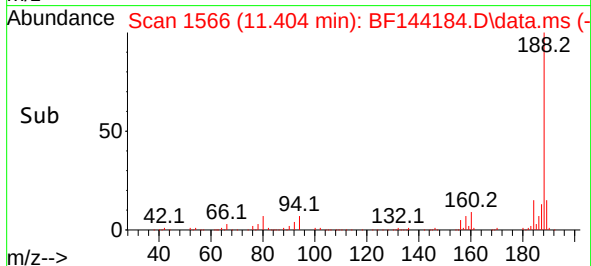
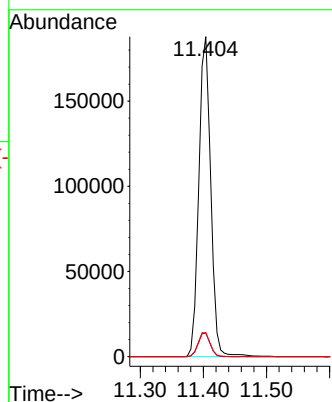
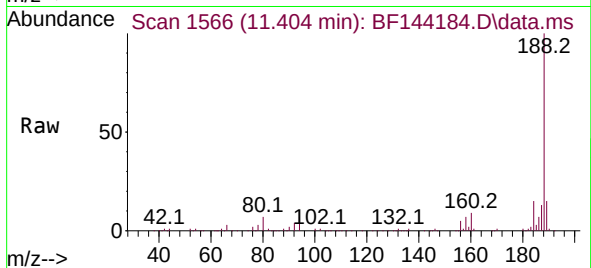
Tgt Ion:188 Resp: 245863

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.2

80 7.5 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF144184.D

Acq: 06 Nov 2025 13:26

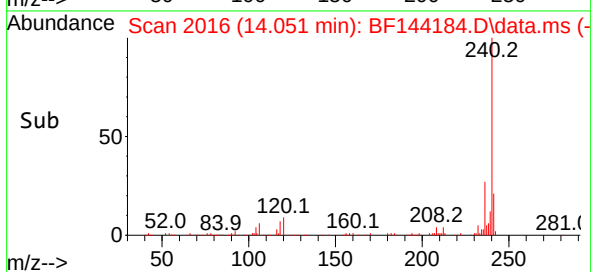
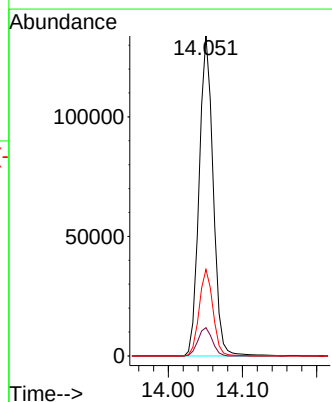
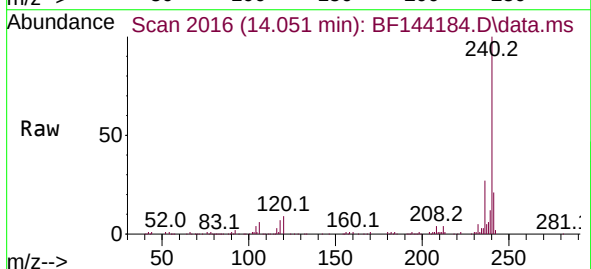
Tgt Ion:240 Resp: 175476

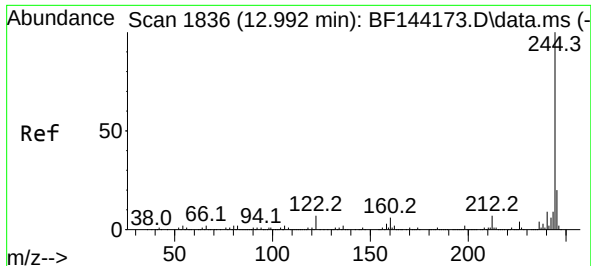
Ion Ratio Lower Upper

240 100

120 8.8 6.6 10.0

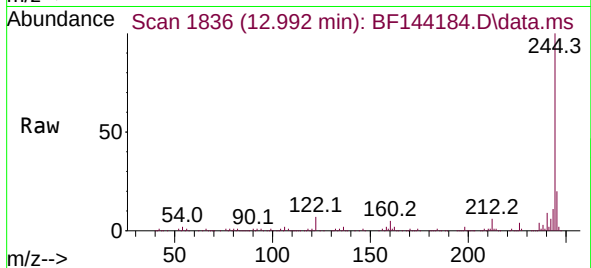
236 27.0 21.4 32.2



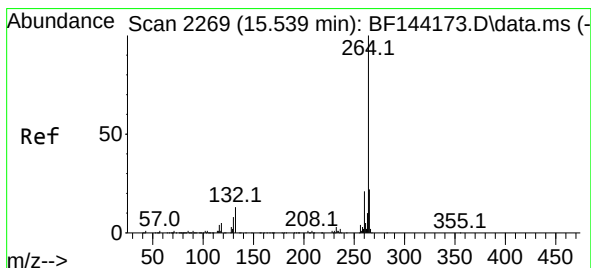
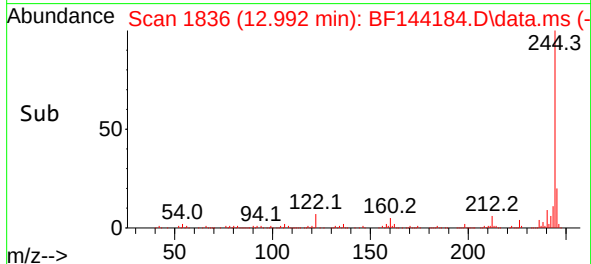
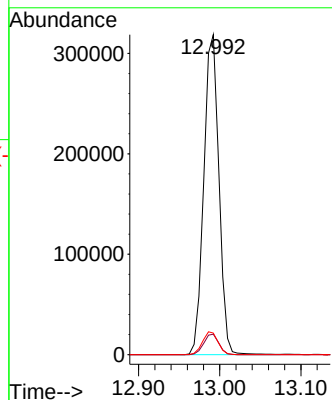


#79
 Terphenyl-d14
 Concen: 37.395 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF144184.D
 Acq: 06 Nov 2025 13:26

Instrument :
 BNA_F
 ClientSampleId :
 MW-17-SOIL



Tgt Ion:244 Resp: 413119
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 6.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144184.D
 Acq: 06 Nov 2025 13:26

Tgt Ion:264 Resp: 230830
 Ion Ratio Lower Upper
 264 100
 260 21.3 17.1 25.7
 265 21.1 17.4 26.0

