

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
Data File : BF138787.D
Acq On : 05 Aug 2024 15:55
Operator : RC/JU
Sample : P3352-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Quant Time: Aug 05 16:25:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	44694	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	187385	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	108639	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	202790	20.000	ng	0.00
76) Chrysene-d12	14.004	240	121549	20.000	ng	0.00
86) Perylene-d12	15.474	264	80274	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	350162	120.940	ng	0.02
7) Phenol-d6	6.487	99	436780	112.361	ng	0.00
23) Nitrobenzene-d5	7.410	82	319778	83.434	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	139819	157.118	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	633552	87.621	ng	0.00
79) Terphenyl-d14	12.951	244	742919	102.333	ng	0.00

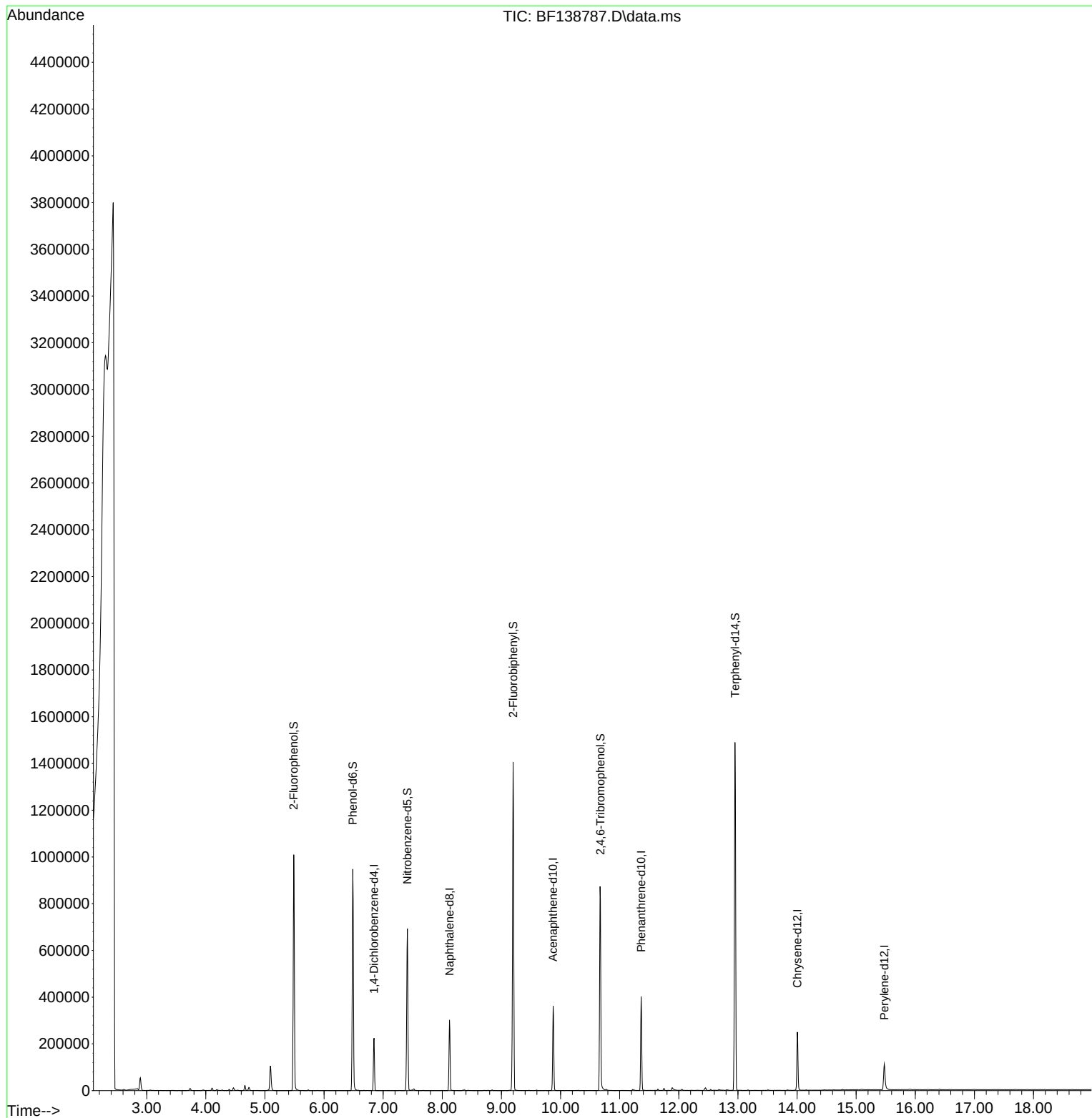
Target Compounds	Qvalue

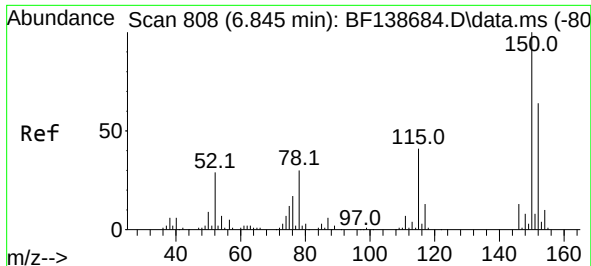
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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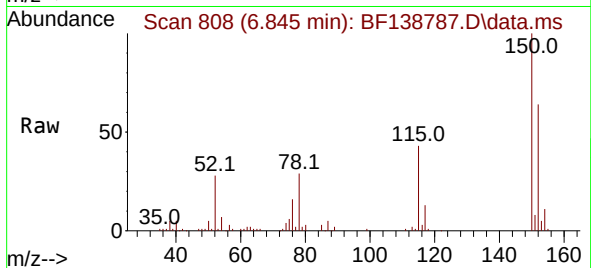
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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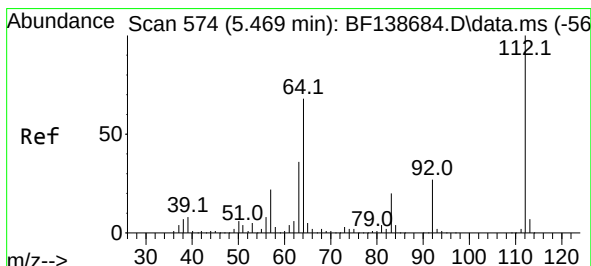
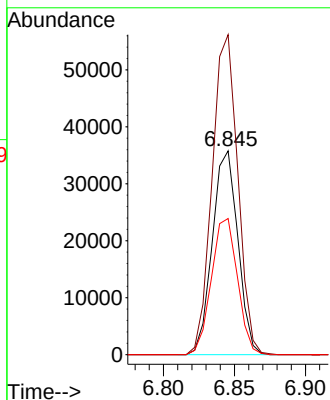
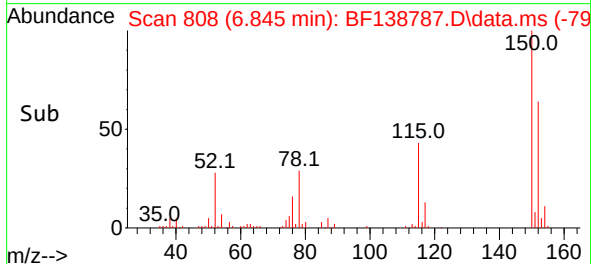


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138787.D
Acq: 05 Aug 2024 15:55

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

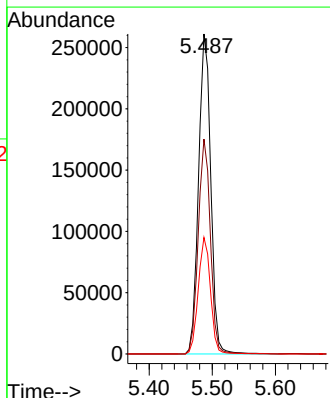
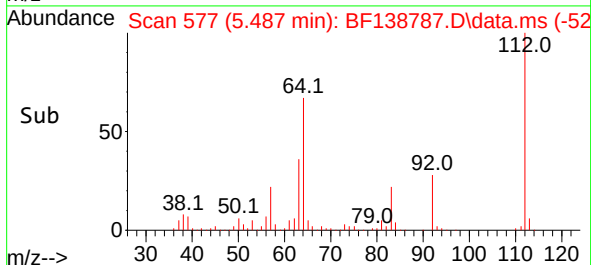
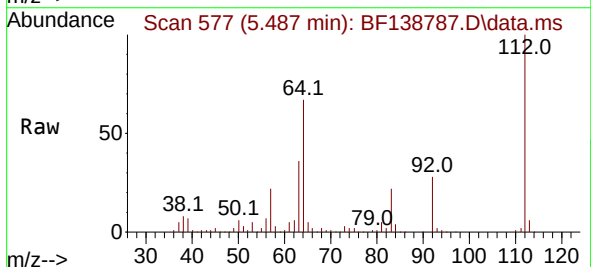


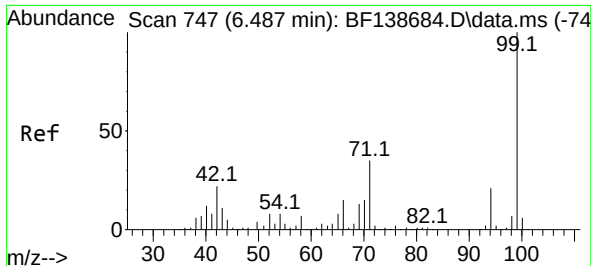
Tgt Ion:152 Resp: 44694
Ion Ratio Lower Upper
152 100
150 157.0 126.0 189.0
115 66.8 51.7 77.5



#5
2-Fluorophenol
Concen: 120.940 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138787.D
Acq: 05 Aug 2024 15:55

Tgt Ion:112 Resp: 350162
Ion Ratio Lower Upper
112 100
64 67.2 54.2 81.4
63 36.4 28.7 43.1





#7

Phenol-d6

Concen: 112.361 ng

RT: 6.487 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF138787.D

Acq: 05 Aug 2024 15:55

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP

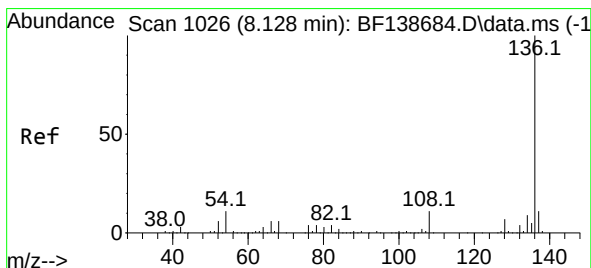
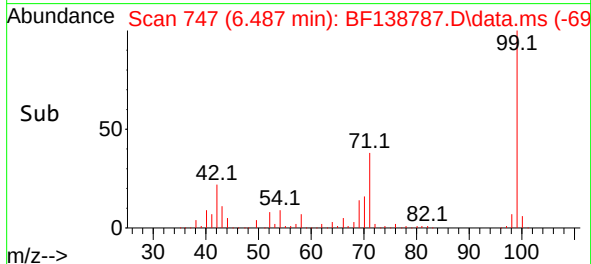
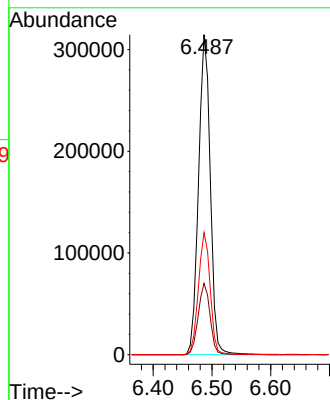
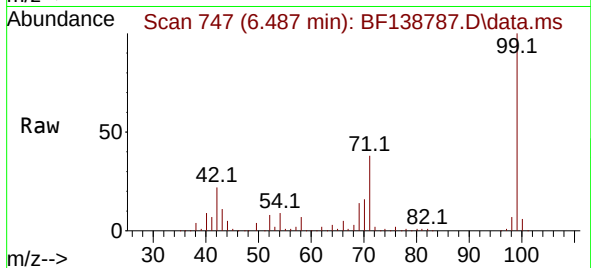
Tgt Ion: 99 Resp: 436780

Ion Ratio Lower Upper

99 100

42 22.3 17.4 26.0

71 38.2 28.1 42.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF138787.D

Acq: 05 Aug 2024 15:55

Tgt Ion: 136 Resp: 187385

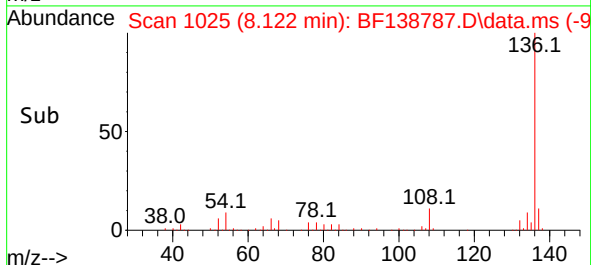
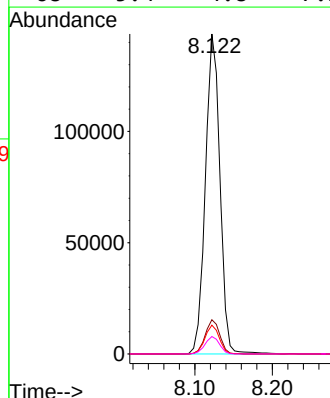
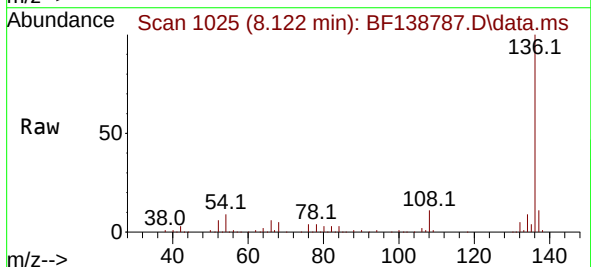
Ion Ratio Lower Upper

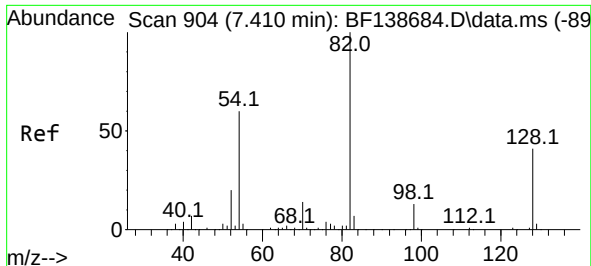
136 100

137 10.7 8.9 13.3

54 9.0 8.6 12.8

68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 83.434 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138787.D

Acq: 05 Aug 2024 15:55

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP

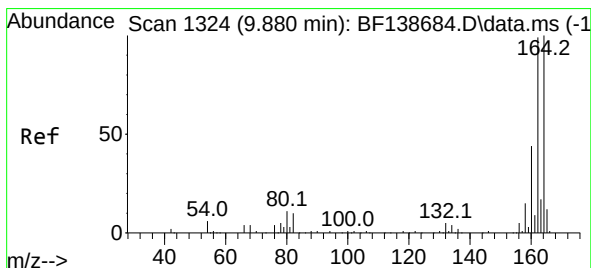
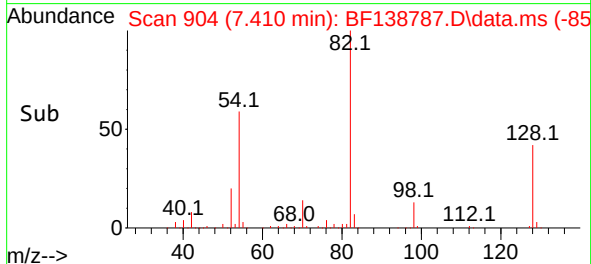
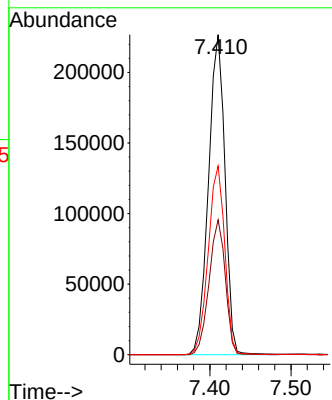
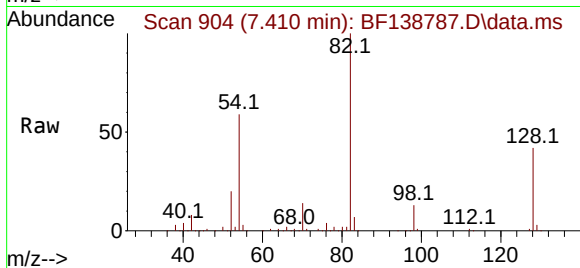
Tgt Ion: 82 Resp: 319778

Ion Ratio Lower Upper

82 100

128 42.1 32.8 49.2

54 58.9 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.005 min

Lab File: BF138787.D

Acq: 05 Aug 2024 15:55

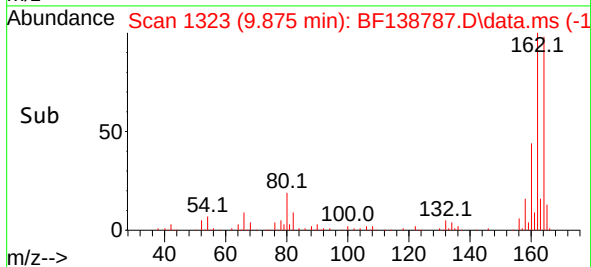
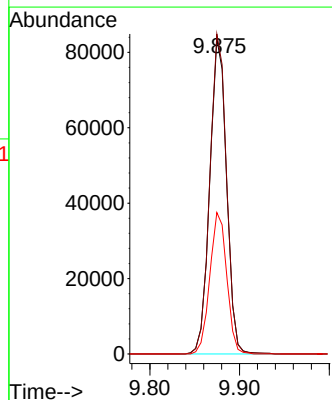
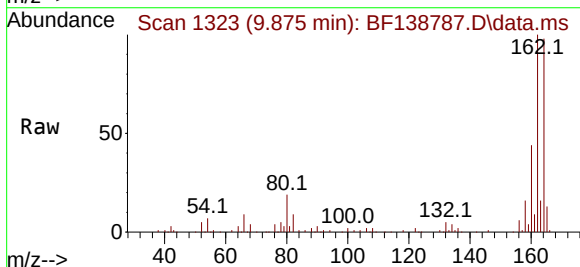
Tgt Ion:164 Resp: 108639

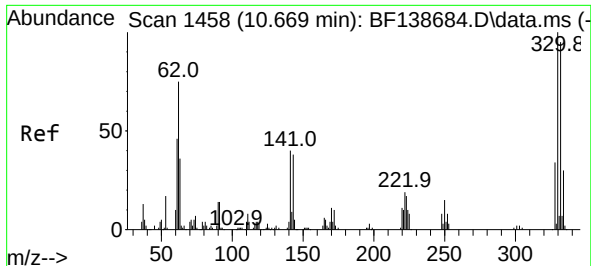
Ion Ratio Lower Upper

164 100

162 101.6 79.4 119.0

160 44.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 157.118 ng

RT: 10.675 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138787.D

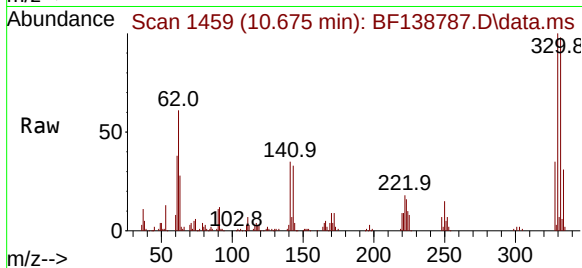
Acq: 05 Aug 2024 15:55

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP



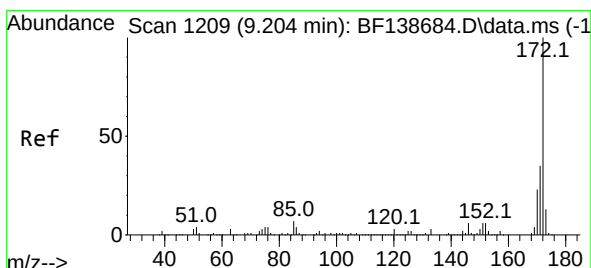
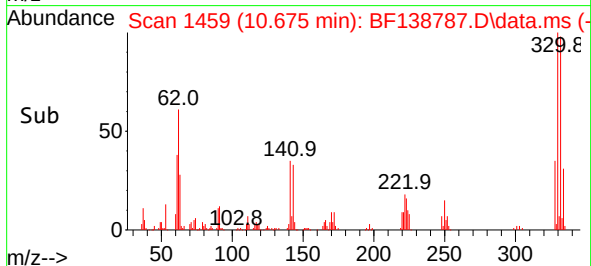
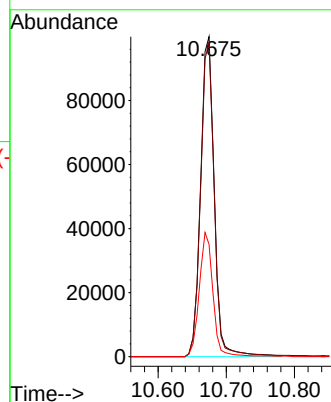
Tgt Ion:330 Resp: 139819

Ion Ratio Lower Upper

330 100

332 98.1 76.4 114.6

141 38.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 87.621 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138787.D

Acq: 05 Aug 2024 15:55

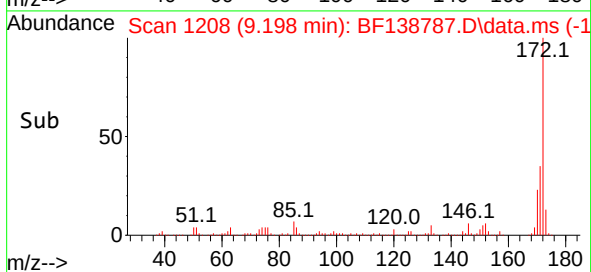
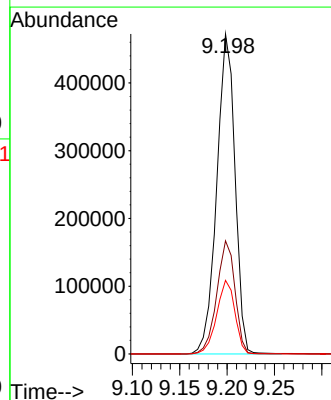
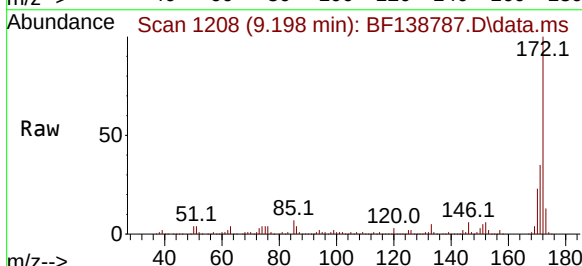
Tgt Ion:172 Resp: 633552

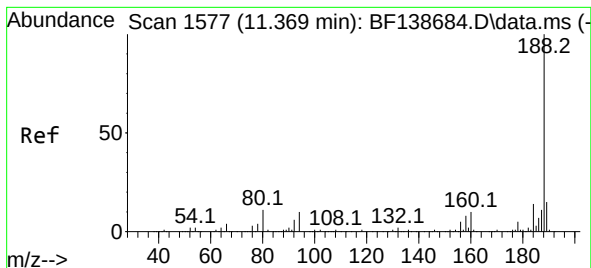
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.0 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138787.D

Acq: 05 Aug 2024 15:55

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP

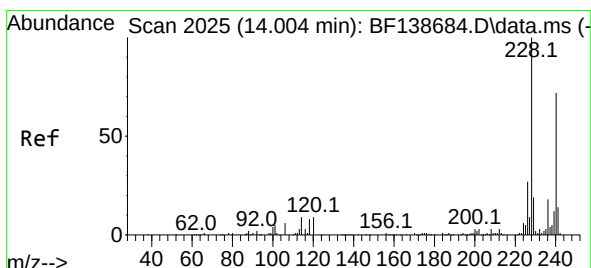
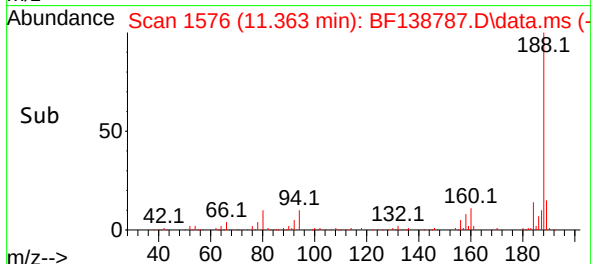
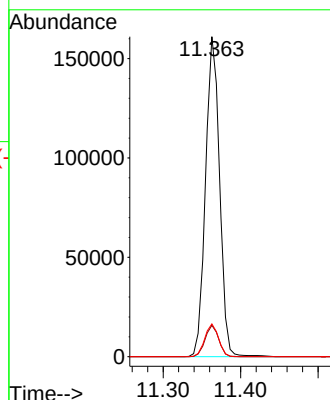
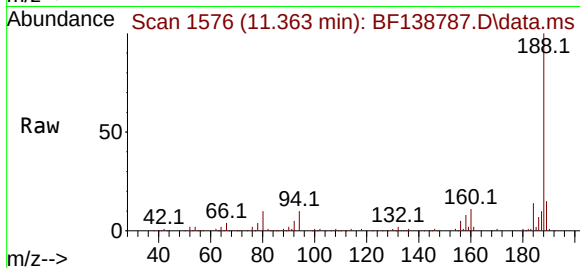
Tgt Ion:188 Resp: 202790

Ion Ratio Lower Upper

188 100

94 9.8 7.6 11.4

80 10.2 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF138787.D

Acq: 05 Aug 2024 15:55

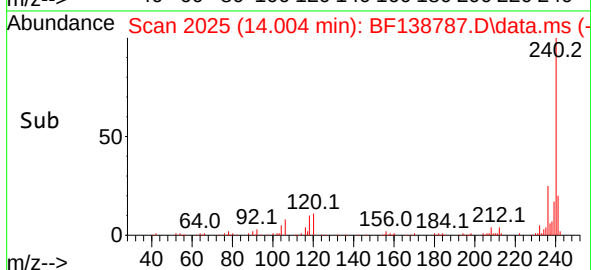
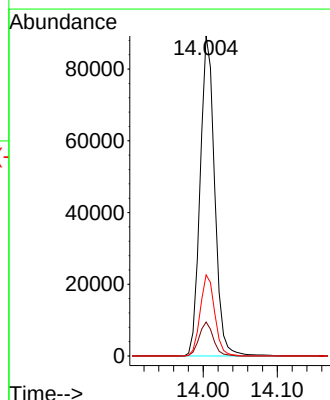
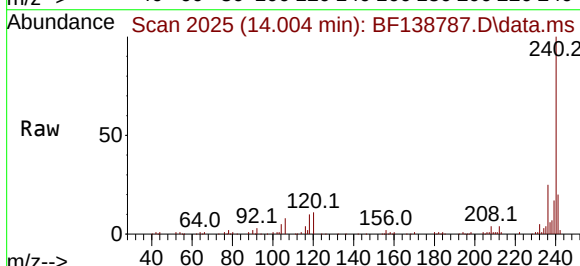
Tgt Ion:240 Resp: 121549

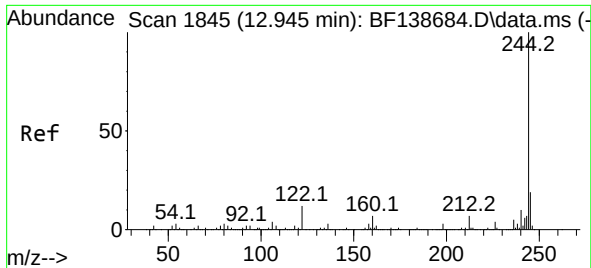
Ion Ratio Lower Upper

240 100

120 10.6 10.2 15.4

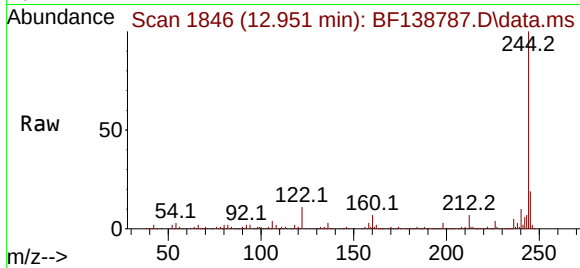
236 25.4 19.8 29.8



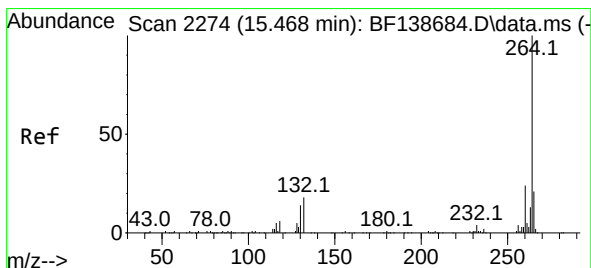
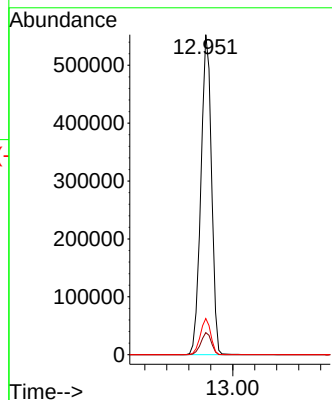
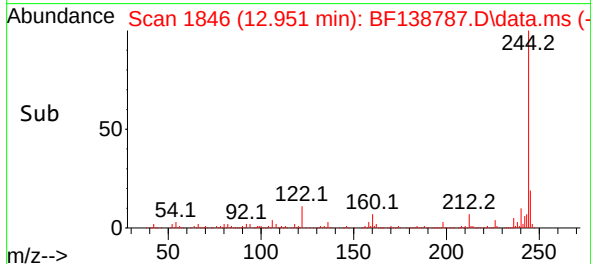


#79
 Terphenyl-d14
 Concen: 102.333 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF138787.D
 Acq: 05 Aug 2024 15:55

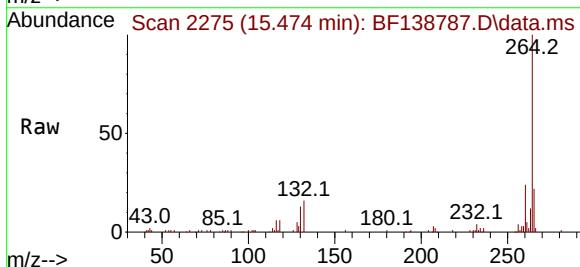
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP



Tgt Ion:244 Resp: 742919
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.3 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: BF138787.D
 Acq: 05 Aug 2024 15:55



Tgt Ion:264 Resp: 80274
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.3 17.0 25.6

