

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138887.D
 Acq On : 09 Aug 2024 14:10
 Operator : RC/JU
 Sample : P3464-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL

Quant Time: Aug 09 14:34:17 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	6.839	152	36821	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	152030	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	87043	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	159848	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	92769	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	83463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	132891	55.712	ng	0.00
7) Phenol-d6	6.481	99	106304	33.194	ng	0.00
23) Nitrobenzene-d5	7.404	82	277097	89.112	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	77857	109.197	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	518615	89.521	ng	-0.01
79) Terphenyl-d14	12.945	244	590075	106.495	ng	0.00

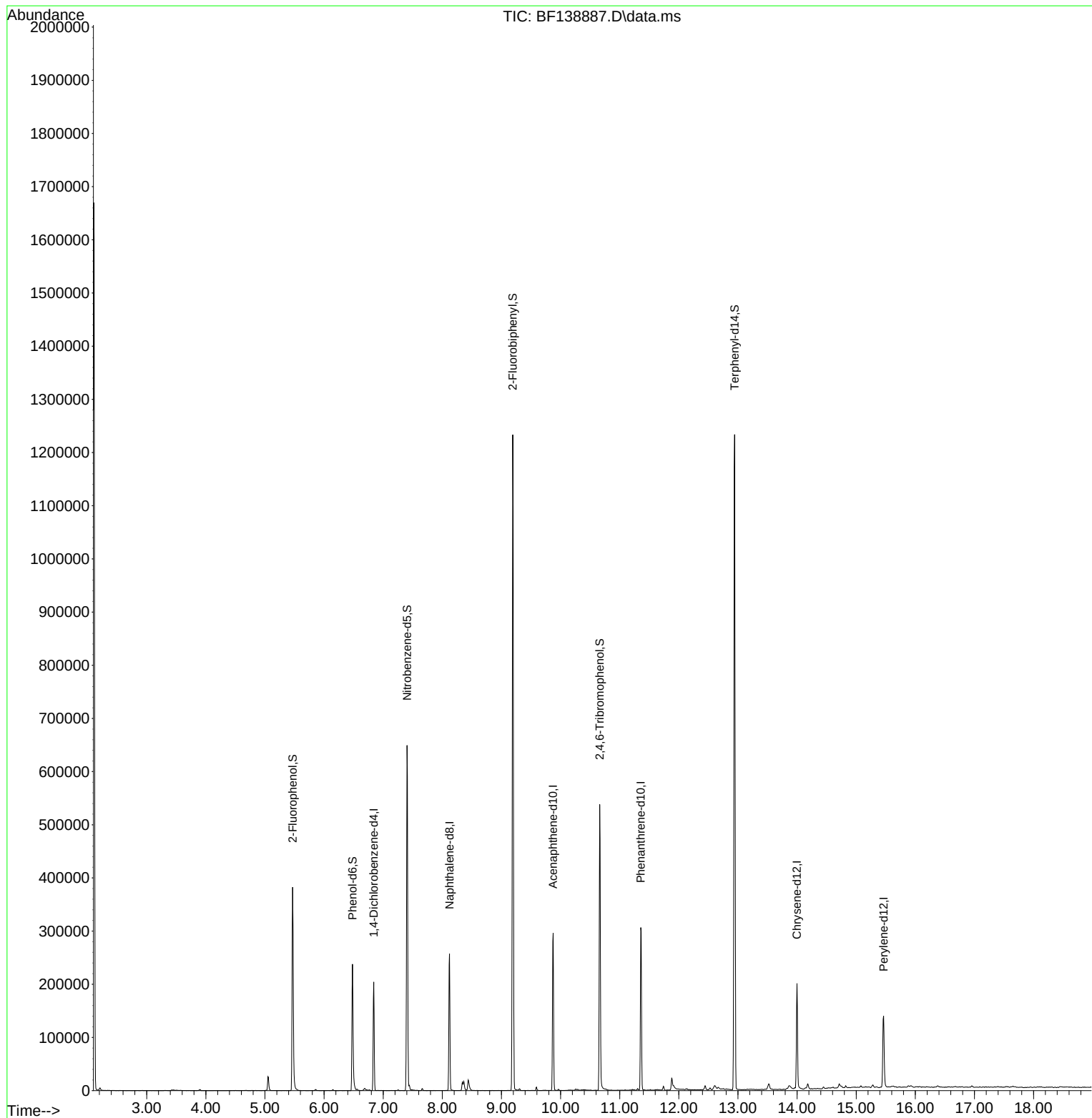
Target Compounds	Qvalue

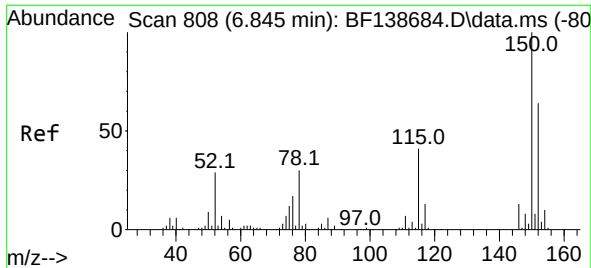
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
Data File : BF138887.D
Acq On : 09 Aug 2024 14:10
Operator : RC/JU
Sample : P3464-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TOPSOIL

Quant Time: Aug 09 14:34:17 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

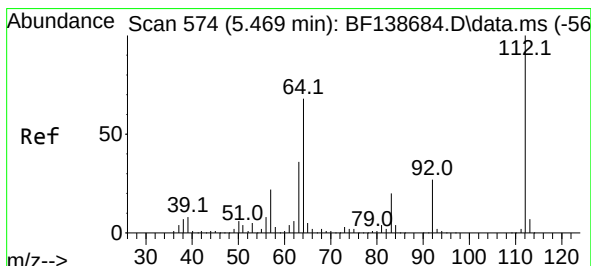
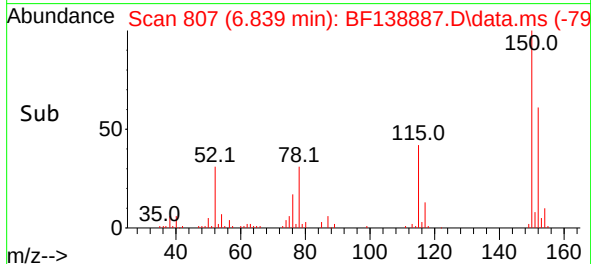
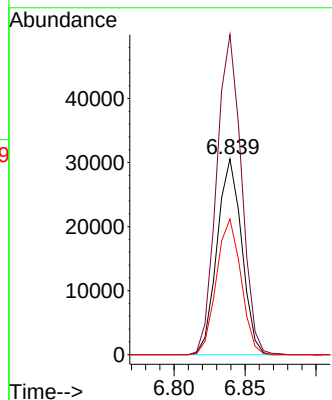
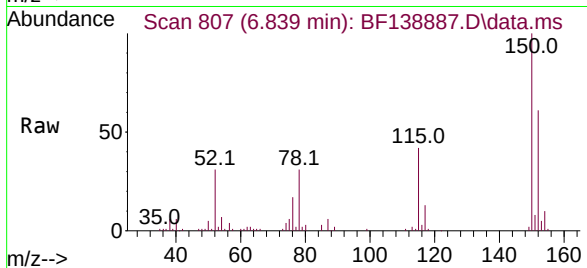




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138887.D
Acq: 09 Aug 2024 14:10

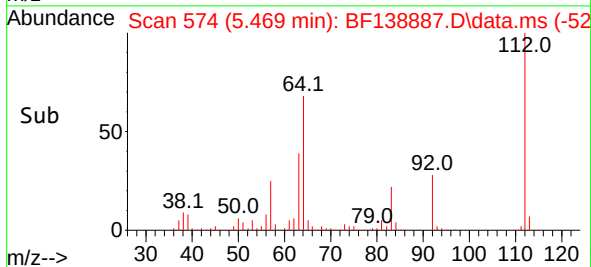
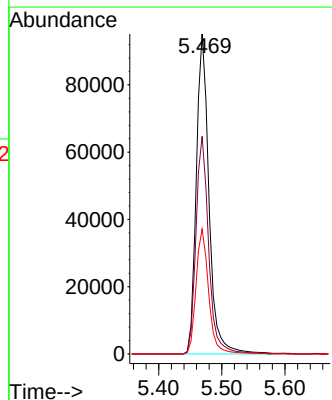
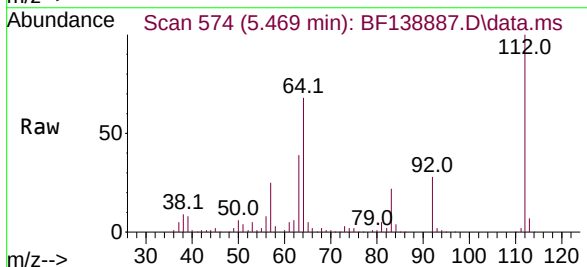
Instrument :
BNA_F
ClientSampleId :
TOPSOIL

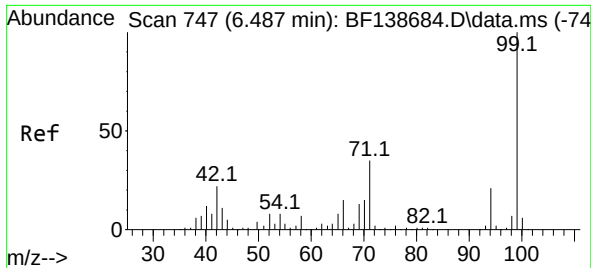
Tgt Ion:152 Resp: 36821
Ion Ratio Lower Upper
152 100
150 163.5 126.0 189.0
115 69.3 51.7 77.5



#5
2-Fluorophenol
Concen: 55.712 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138887.D
Acq: 09 Aug 2024 14:10

Tgt Ion:112 Resp: 132891
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 39.0 28.7 43.1

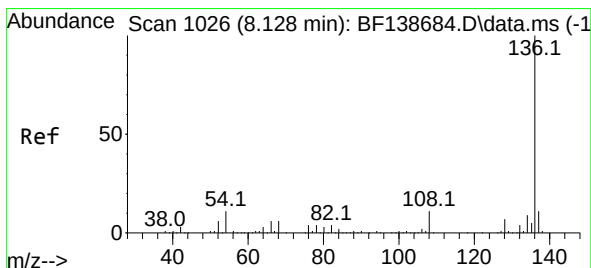
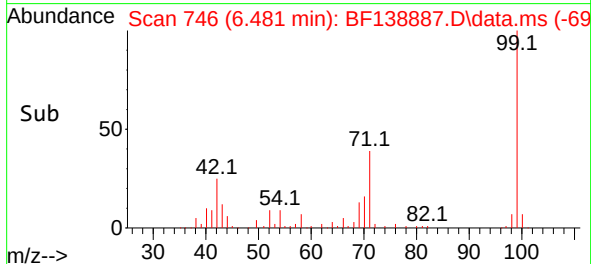
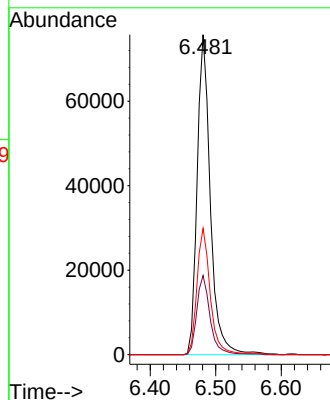
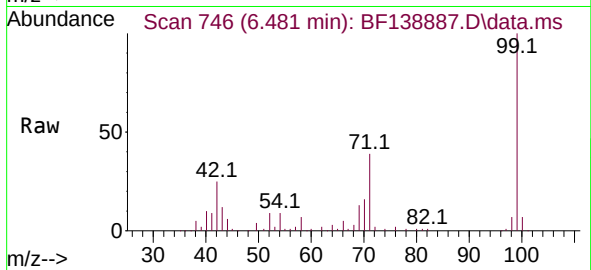




#7
Phenol-d6
Concen: 33.194 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138887.D
Acq: 09 Aug 2024 14:10

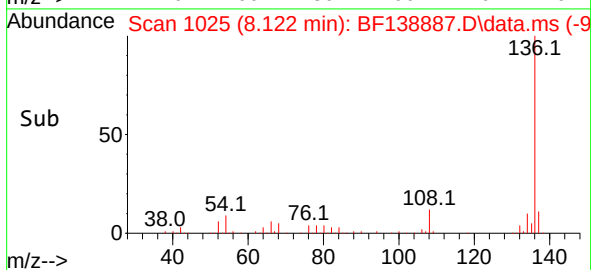
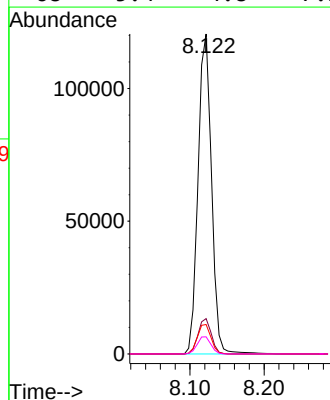
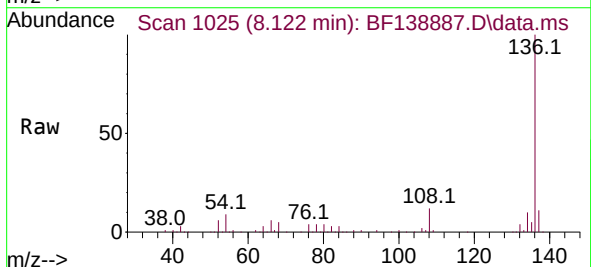
Instrument :
BNA_F
ClientSampleId :
TOPSOIL

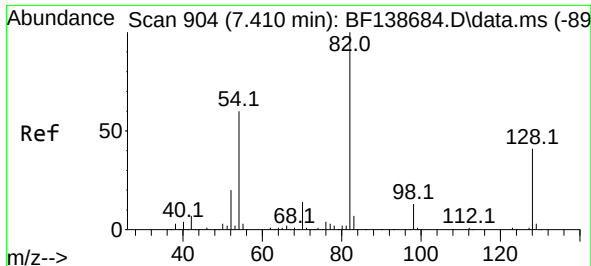
Tgt Ion: 99 Resp: 106304
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 39.5 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138887.D
Acq: 09 Aug 2024 14:10

Tgt Ion: 136 Resp: 152030
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 9.2 8.6 12.8
68 5.4 4.8 7.2

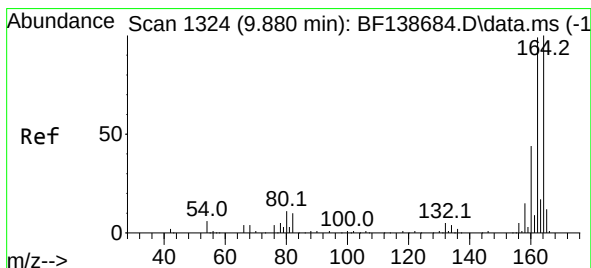
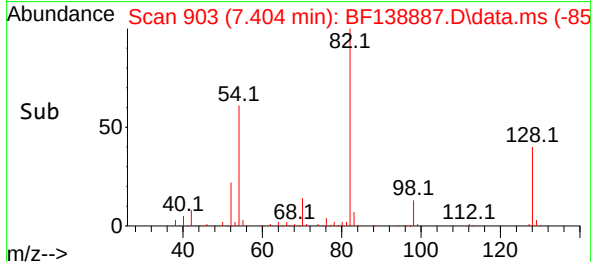
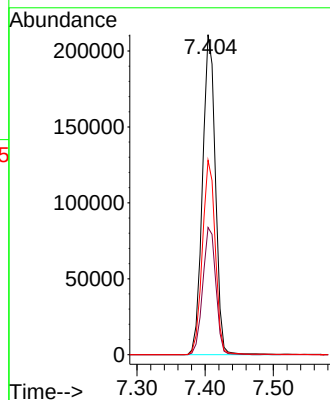
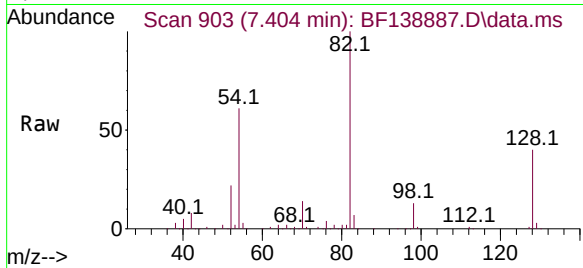




#23
Nitrobenzene-d5
Concen: 89.112 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138887.D
Acq: 09 Aug 2024 14:10

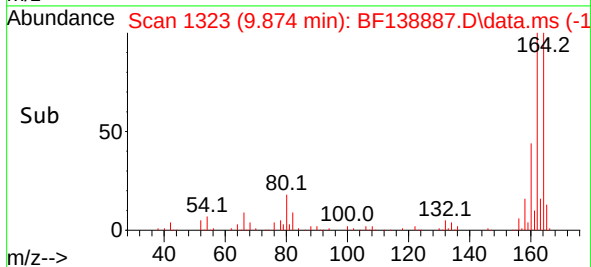
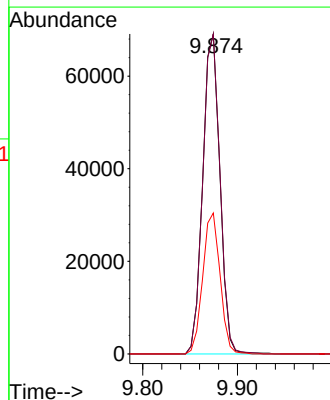
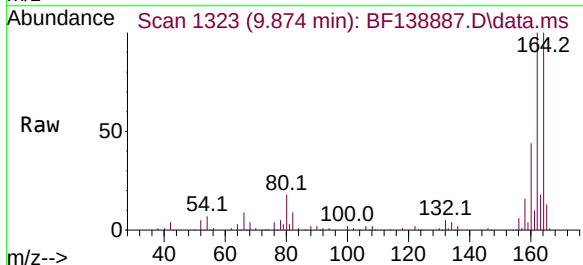
Instrument :
BNA_F
ClientSampleId :
TOPSOIL

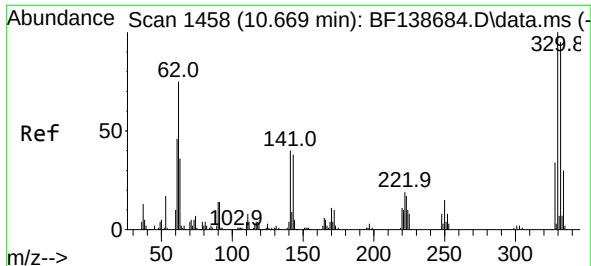
Tgt Ion: 82 Resp: 277097
Ion Ratio Lower Upper
82 100
128 39.8 32.8 49.2
54 60.8 48.3 72.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.874 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF138887.D
Acq: 09 Aug 2024 14:10

Tgt Ion:164 Resp: 87043
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 44.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 109.197 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138887.D

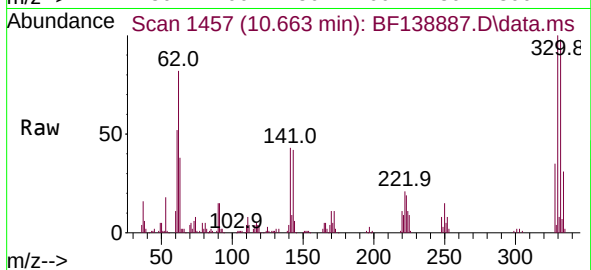
Acq: 09 Aug 2024 14:10

Instrument :

BNA_F

ClientSampleId :

TOPSOIL



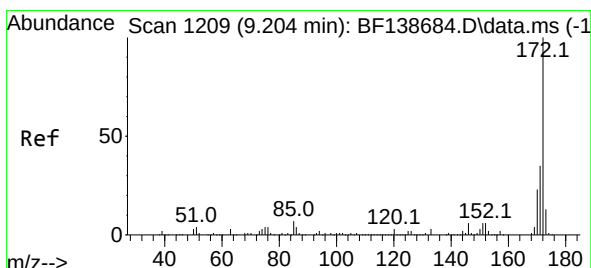
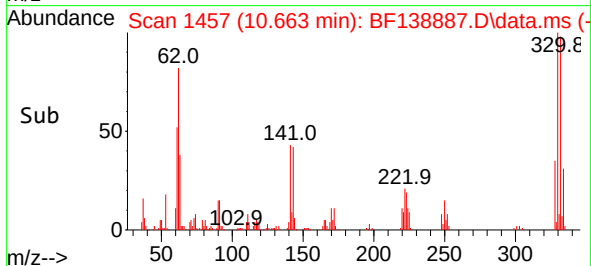
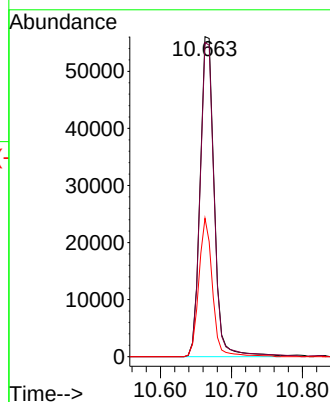
Tgt Ion:330 Resp: 77857

Ion Ratio Lower Upper

330 100

332 98.3 76.4 114.6

141 41.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 89.521 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138887.D

Acq: 09 Aug 2024 14:10

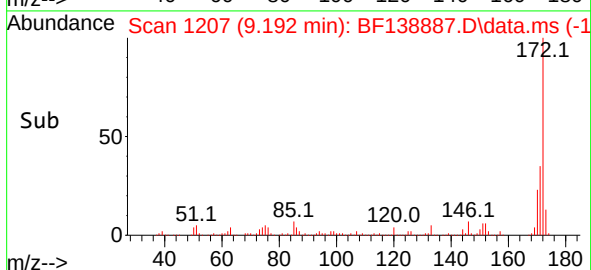
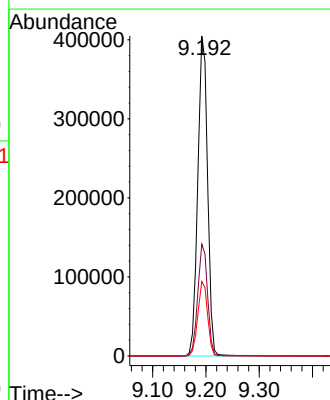
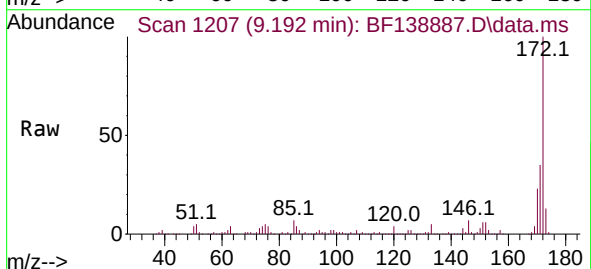
Tgt Ion:172 Resp: 518615

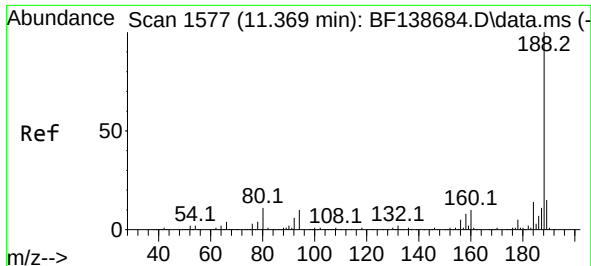
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.2 18.8 28.2

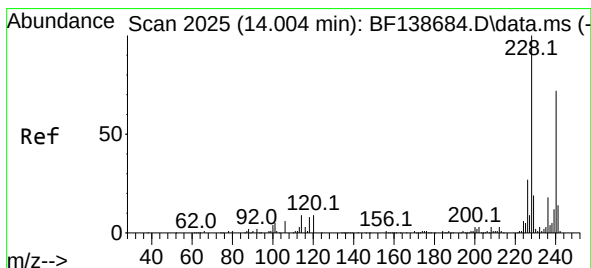
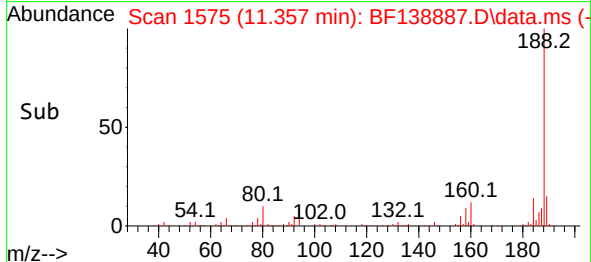
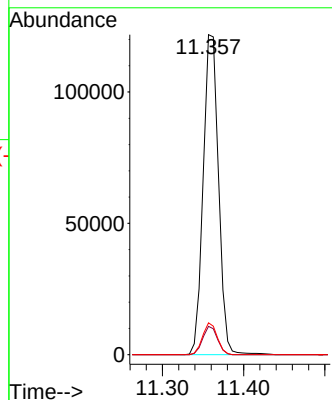
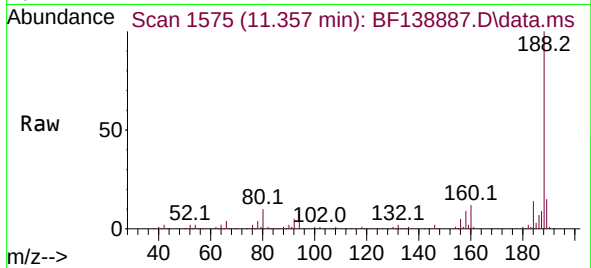




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138887.D
Acq: 09 Aug 2024 14:10

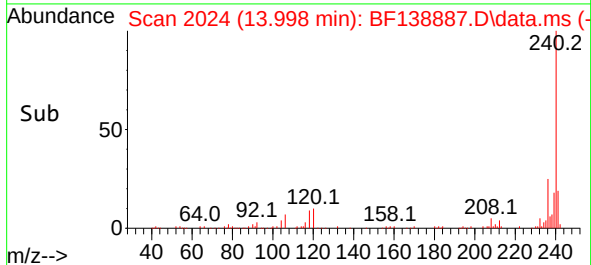
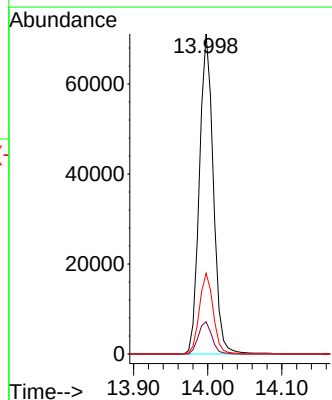
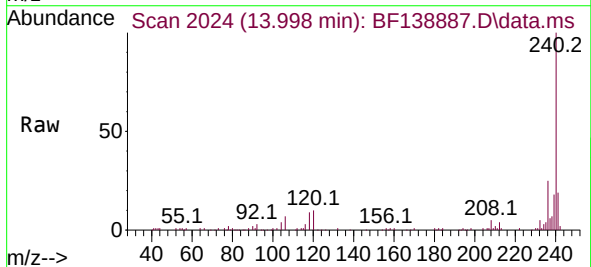
Instrument :
BNA_F
ClientSampleId :
TOPSOIL

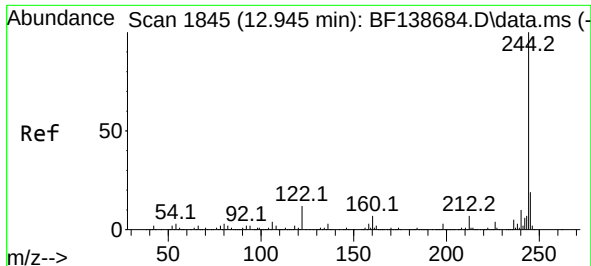
Tgt Ion:188 Resp: 159848
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138887.D
Acq: 09 Aug 2024 14:10

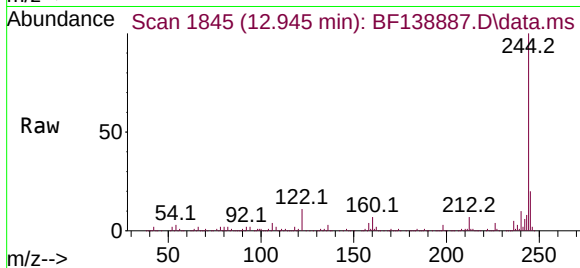
Tgt Ion:240 Resp: 92769
Ion Ratio Lower Upper
240 100
120 10.1 10.2 15.4#
236 25.2 19.8 29.8



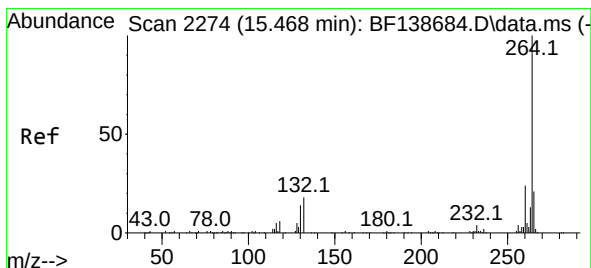
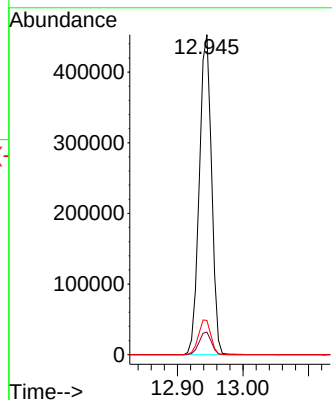
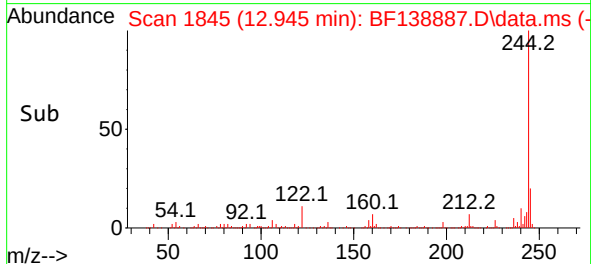


#79
 Terphenyl-d14
 Concen: 106.495 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF138887.D
 Acq: 09 Aug 2024 14:10

Instrument :
 BNA_F
 ClientSampleId :
 TOPSOIL



Tgt Ion:244 Resp: 590075
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.7 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138887.D
 Acq: 09 Aug 2024 14:10

Tgt Ion:264 Resp: 83463
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.1 17.0 25.6

