

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138507.D
 Acq On : 10 Jul 2024 18:14
 Operator : CG\JU
 Sample : P3170-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-DRUMS-1

Quant Time: Jul 11 00:50:58 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	6.863	152	83753	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	309073	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	135563	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	170450	20.000	ng	# 0.01
76) Chrysene-d12	14.027	240	146507	20.000	ng	0.00
86) Perylene-d12	15.486	264	170408	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	532629	100.719	ng	0.00
7) Phenol-d6	6.498	99	695037	98.798	ng	0.00
23) Nitrobenzene-d5	7.428	82	461767	73.354	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	114959	90.735	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	732790	84.483	ng	0.00
79) Terphenyl-d14	12.974	244	524479	58.321	ng	0.00

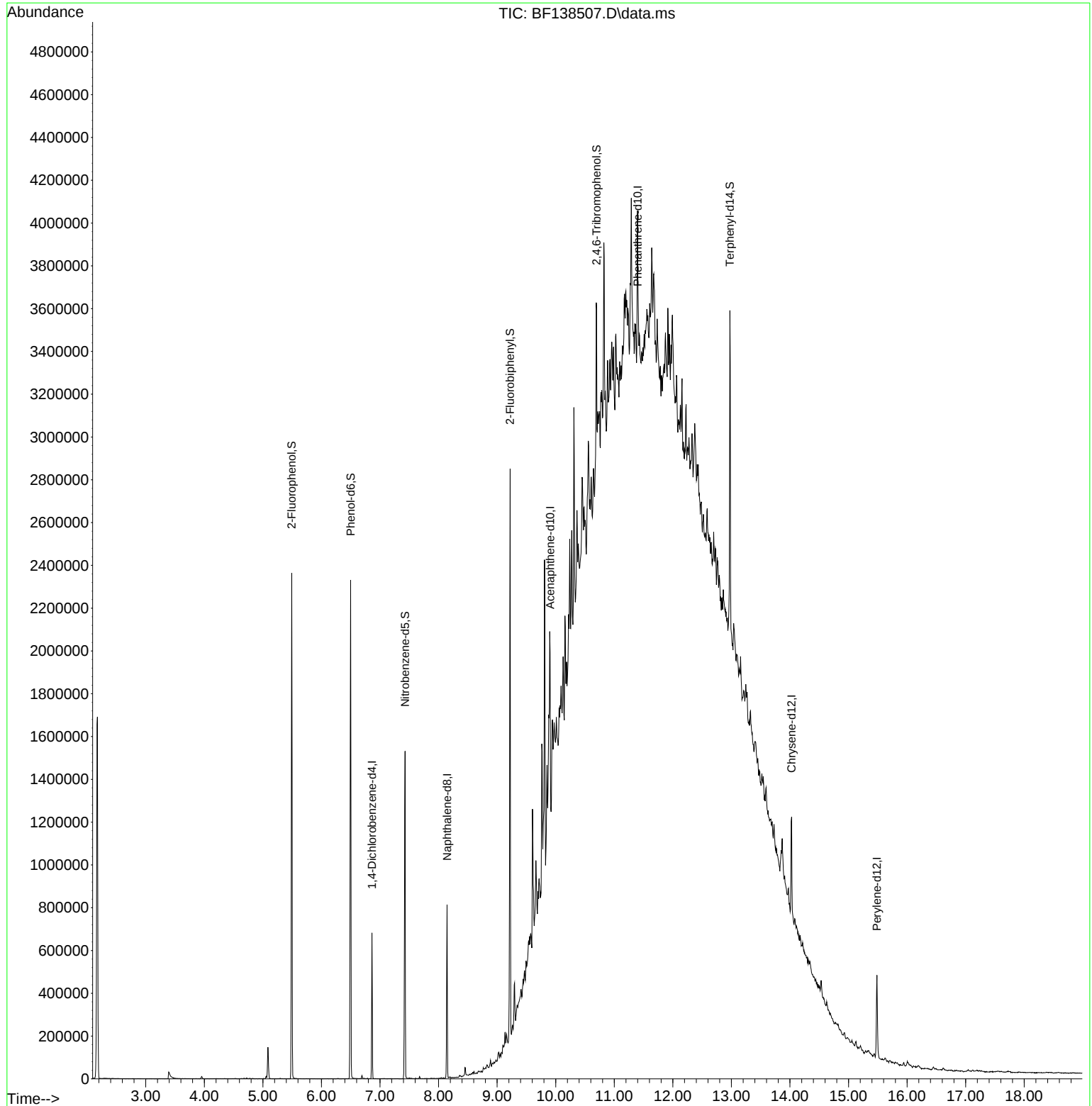
Target Compounds	Qvalue

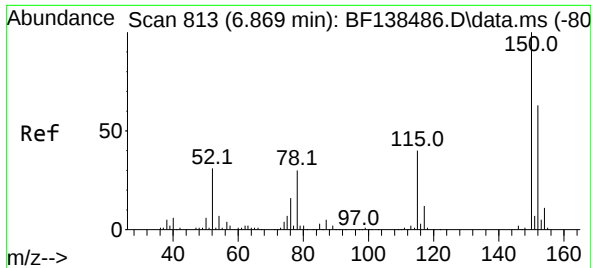
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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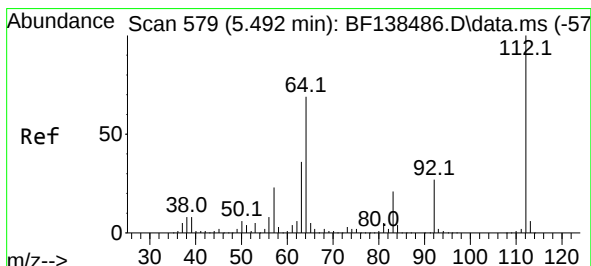
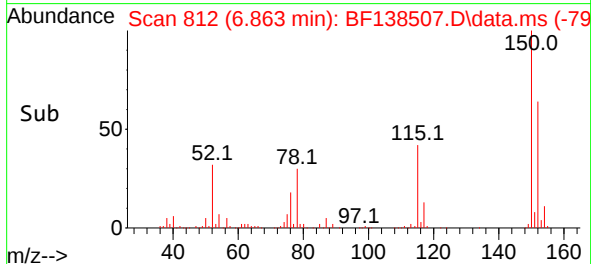
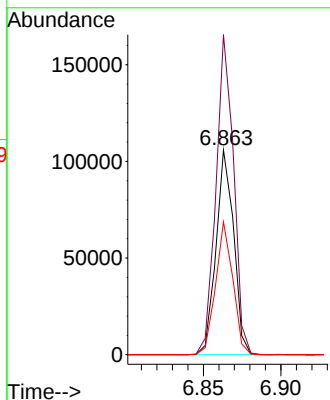
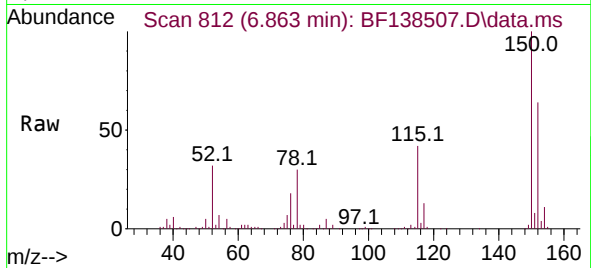




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

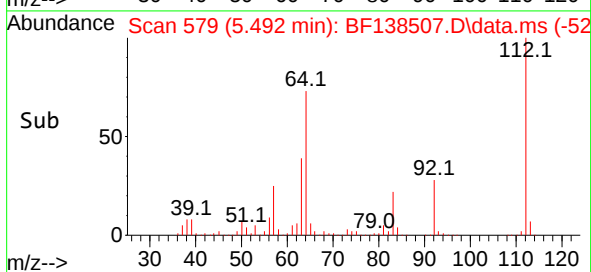
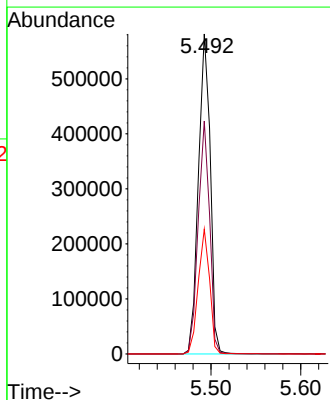
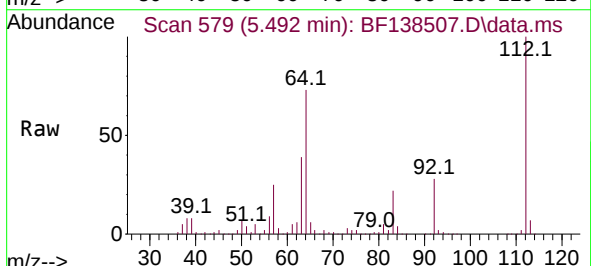
Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-1

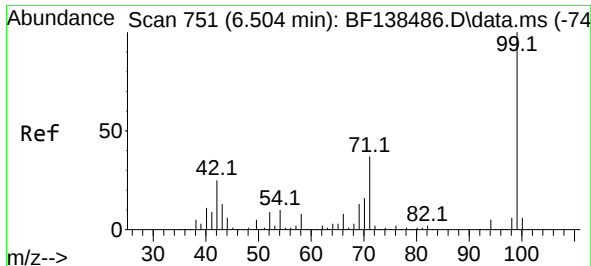
Tgt Ion:152 Resp: 83753
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.4
115 64.9 50.3 75.5



#5
2-Fluorophenol
Concen: 100.719 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

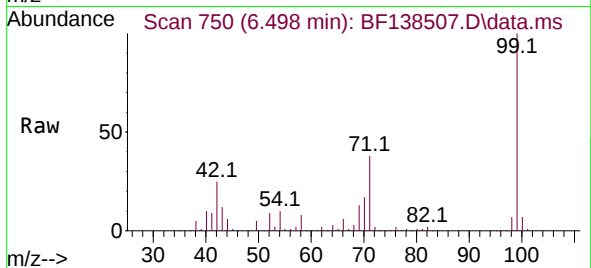
Tgt Ion:112 Resp: 532629
Ion Ratio Lower Upper
112 100
64 72.8 55.1 82.7
63 39.0 29.0 43.6





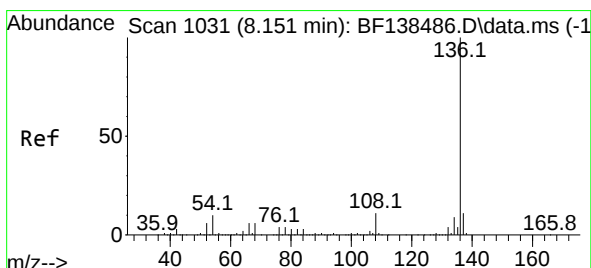
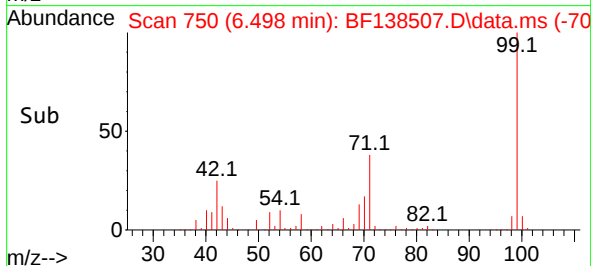
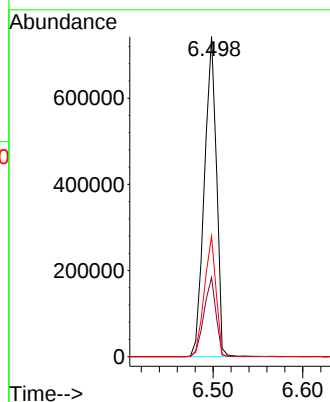
#7
Phenol-d6
Concen: 98.798 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

Instrument :
BNA_F
ClientSampleId :
SOIL-DRUMS-1



Tgt Ion: 99 Resp: 695037

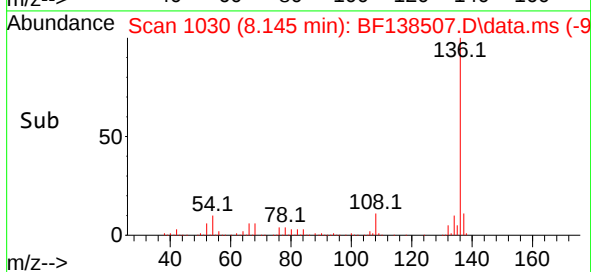
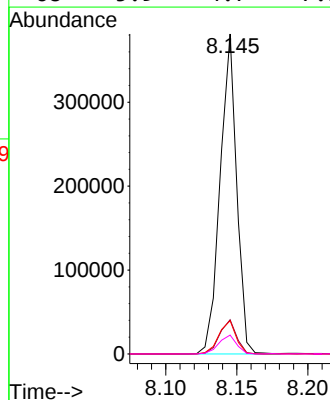
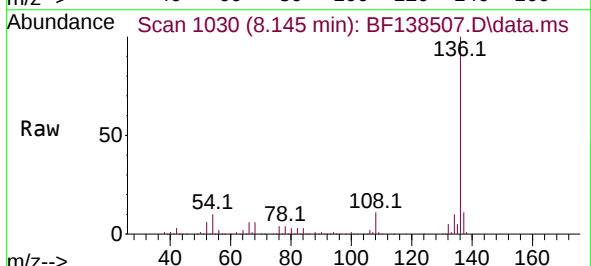
Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.7	29.5
71	37.7	29.9	44.9

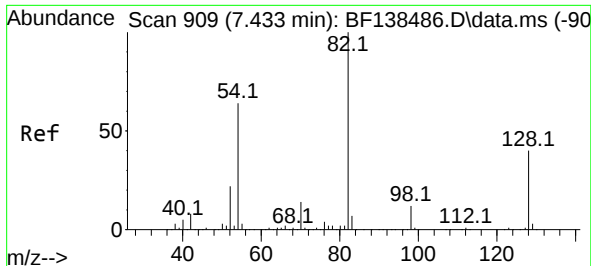


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

Tgt Ion: 136 Resp: 309073

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.4	8.1	12.1
68	5.9	4.7	7.1





#23

Nitrobenzene-d5

Concen: 73.354 ng

RT: 7.428 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF138507.D

Acq: 10 Jul 2024 18:14

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-1

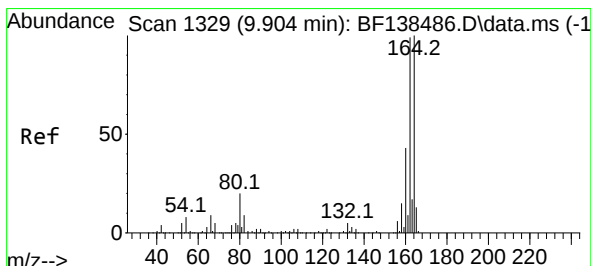
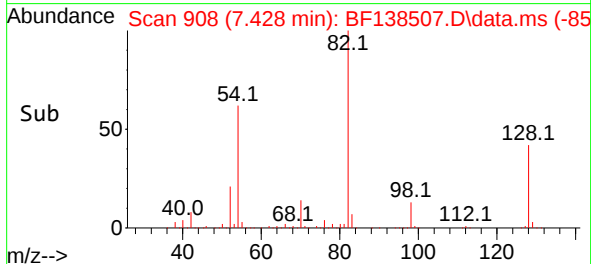
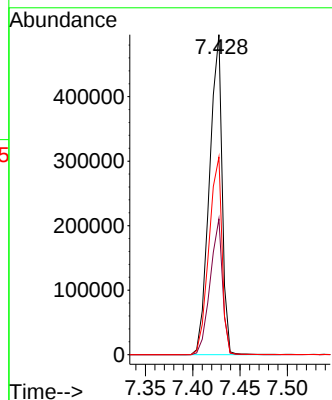
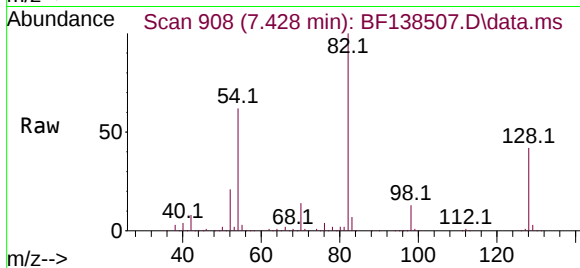
Tgt Ion: 82 Resp: 461767

Ion Ratio Lower Upper

82 100

128 42.4 32.3 48.5

54 61.8 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: BF138507.D

Acq: 10 Jul 2024 18:14

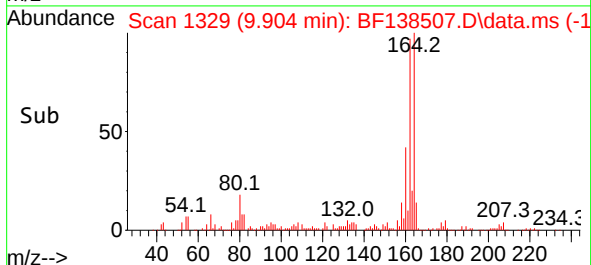
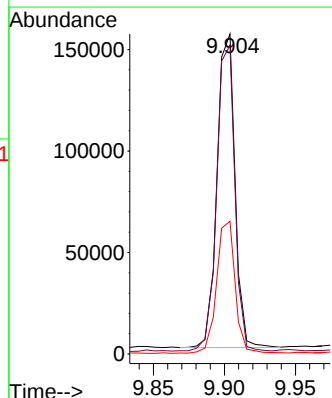
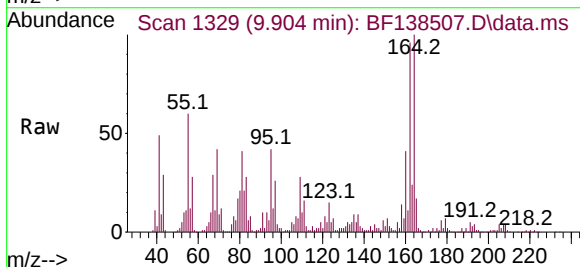
Tgt Ion:164 Resp: 135563

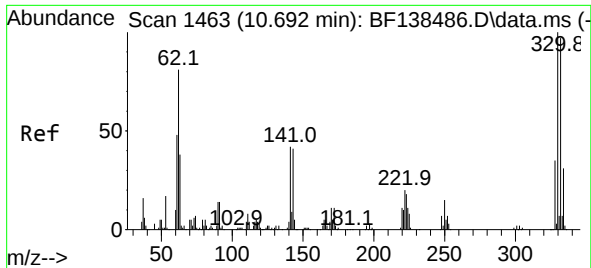
Ion Ratio Lower Upper

164 100

162 96.4 79.0 118.6

160 41.5 34.4 51.6

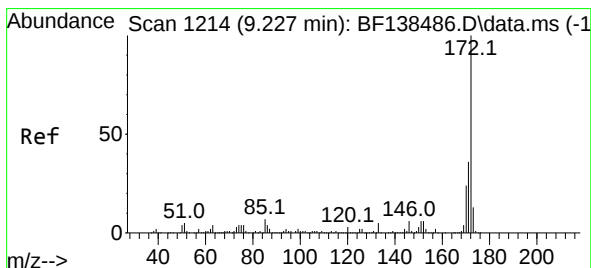
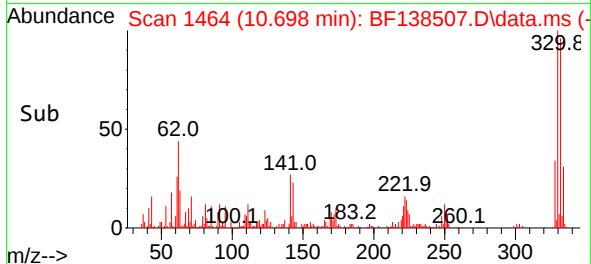
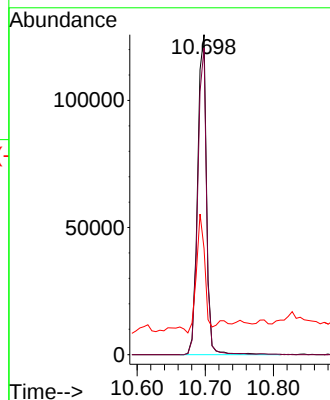
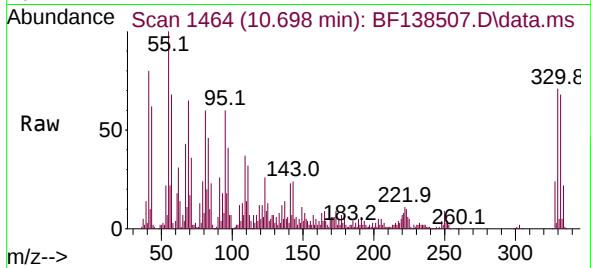




#42
2,4,6-Tribromophenol
Concen: 90.735 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

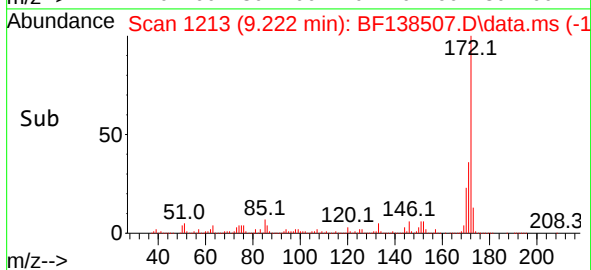
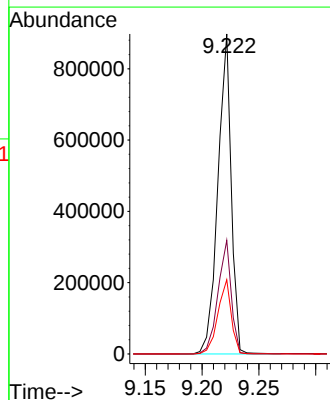
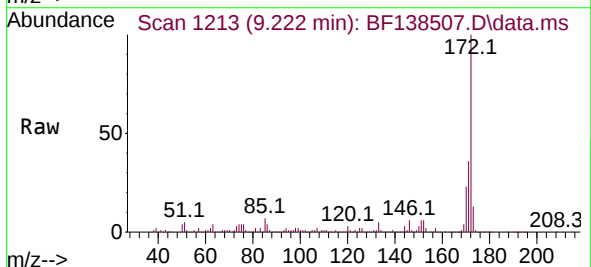
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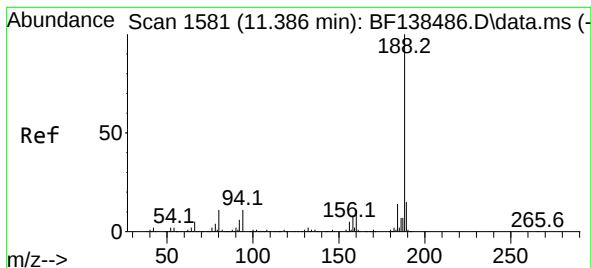
Tgt Ion:330 Resp: 114959
Ion Ratio Lower Upper
330 100
332 93.7 76.8 115.2
141 34.8 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 84.483 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138507.D
Acq: 10 Jul 2024 18:14

Tgt Ion:172 Resp: 732790
Ion Ratio Lower Upper
172 100
171 35.5 28.9 43.3
170 23.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF138507.D

Acq: 10 Jul 2024 18:14

Instrument :

BNA_F

ClientSampleId :

SOIL-DRUMS-1

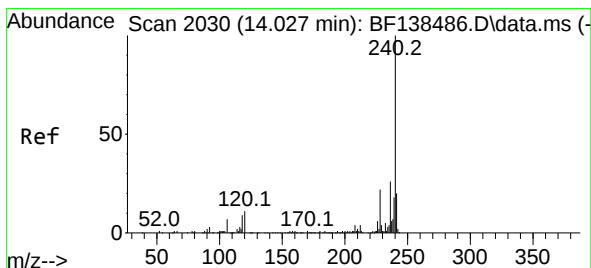
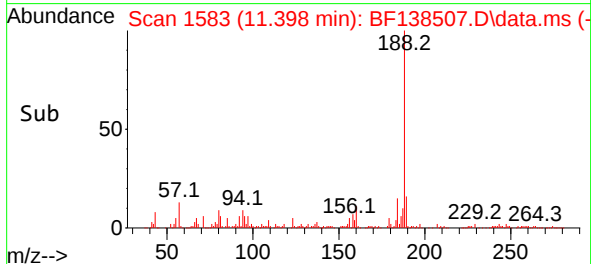
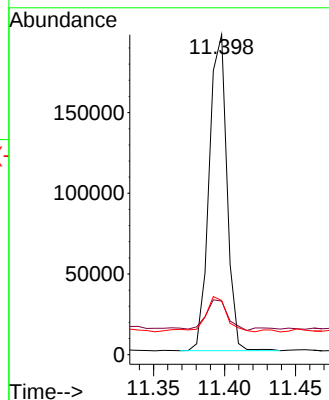
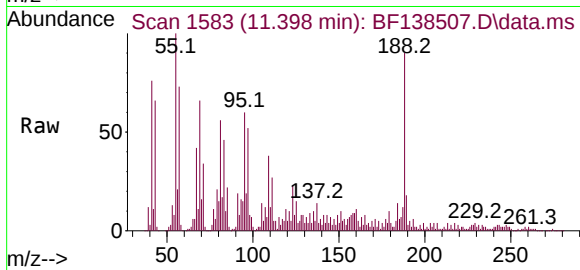
Tgt Ion:188 Resp: 170450

Ion Ratio Lower Upper

188 100

94 16.8 8.7 13.1#

80 16.9 9.0 13.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138507.D

Acq: 10 Jul 2024 18:14

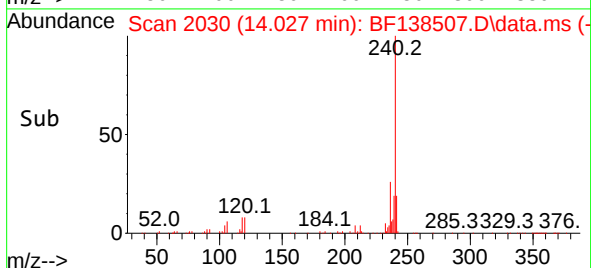
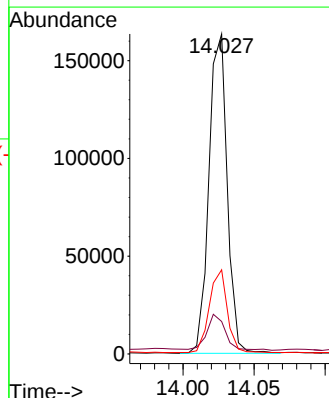
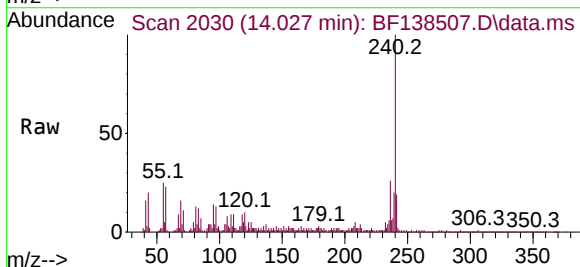
Tgt Ion:240 Resp: 146507

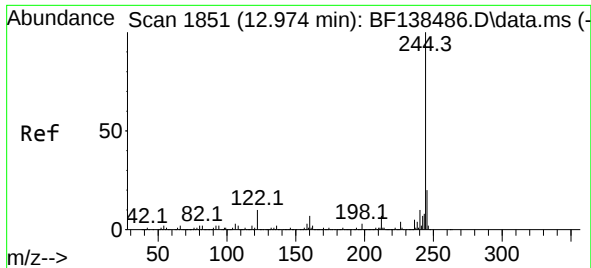
Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

236 26.3 21.0 31.6

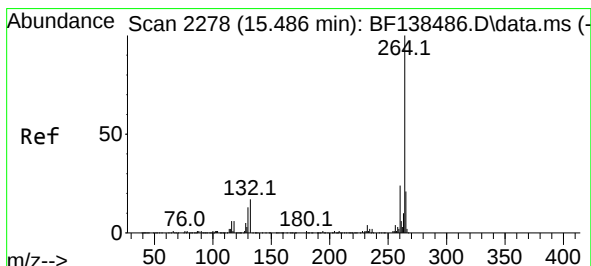
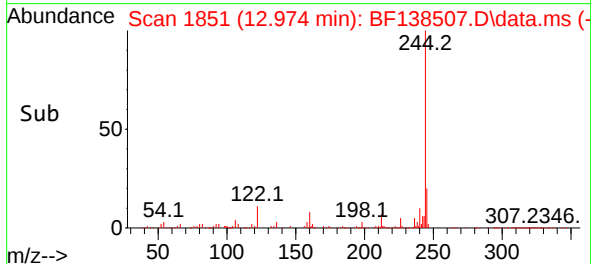
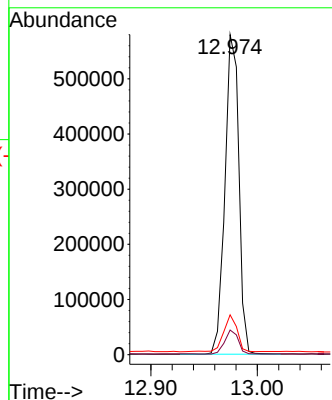
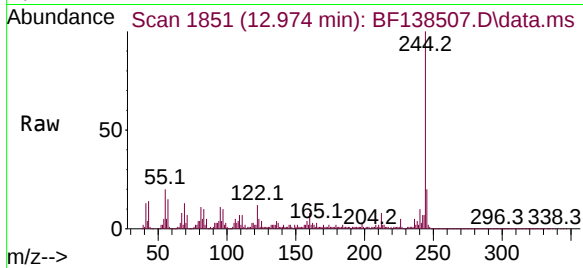




#79
 Terphenyl-d14
 Concen: 58.321 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: BF138507.D
 Acq: 10 Jul 2024 18:14

Instrument :
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 SOIL-DRUMS-1

Tgt Ion:244 Resp: 524479
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.5 8.3
 122 12.4 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. 0.000 min
 Lab File: BF138507.D
 Acq: 10 Jul 2024 18:14

Tgt Ion:264 Resp: 170408
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.6
 265 22.8 17.0 25.4

