

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137756.D
 Acq On : 29 Apr 2024 18:46
 Operator : CG\JU
 Sample : P2283-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXCAV-SOIL-1

Quant Time: Apr 30 03:07:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	283552	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1110237	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	612922	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	1000514	20.000	ng	0.00
76) Chrysene-d12	14.251	240	527501	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	502255	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1526021	81.752	ng	0.01
7) Phenol-d6	6.675	99	1776190	74.931	ng	0.00
23) Nitrobenzene-d5	7.622	82	1293096	61.826	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	681337	110.162	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2554772	62.281	ng	0.00
79) Terphenyl-d14	13.192	244	3211157	97.982	ng	0.00

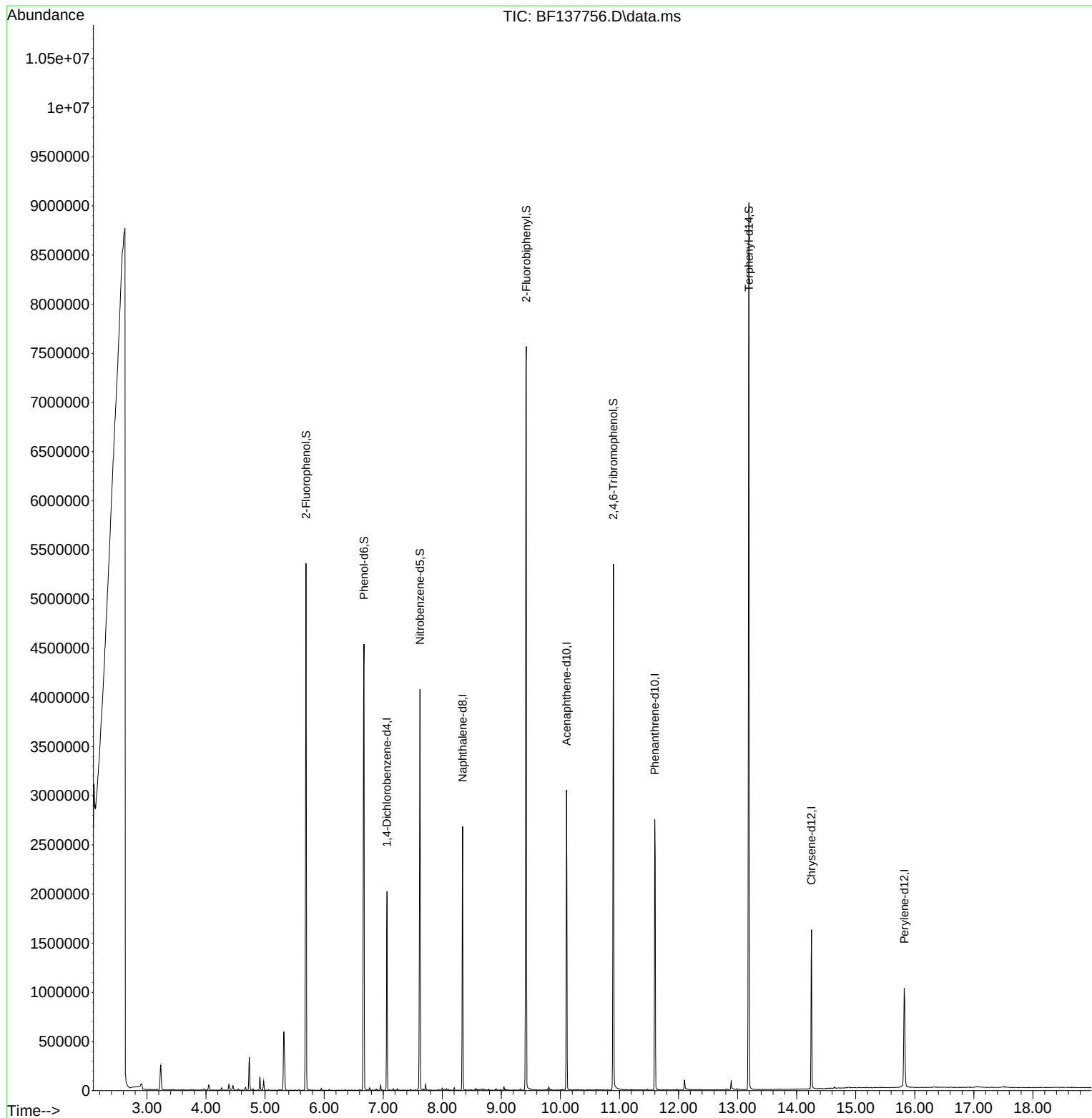
Target Compounds	Qvalue

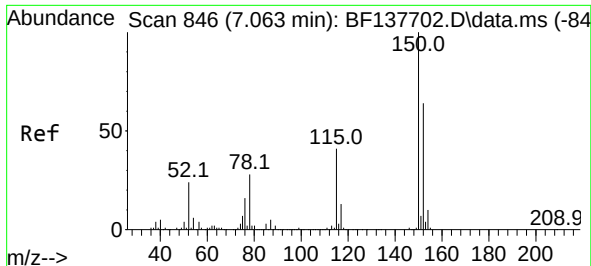
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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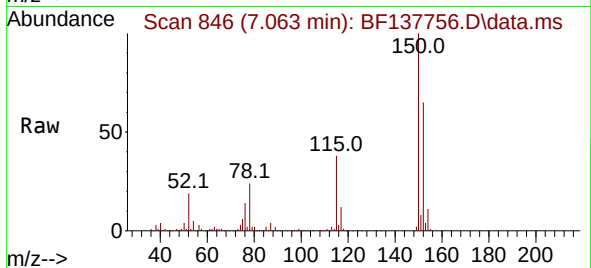
Quant Time: Apr 30 03:07:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
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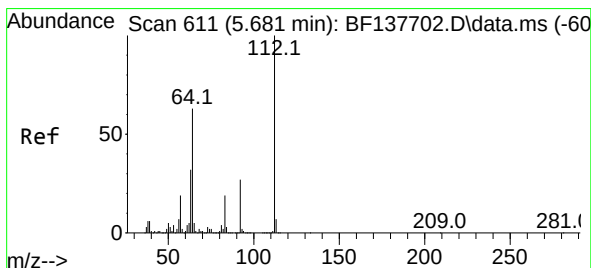
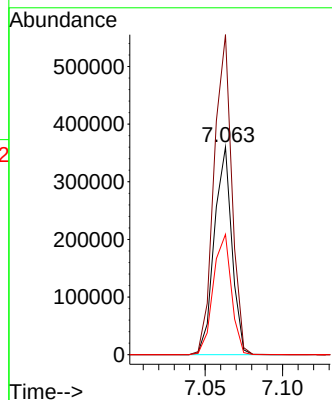
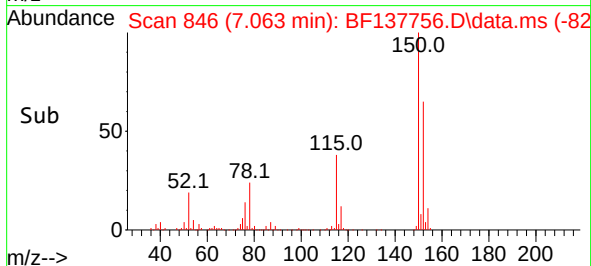


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137756.D
Acq: 29 Apr 2024 18:46

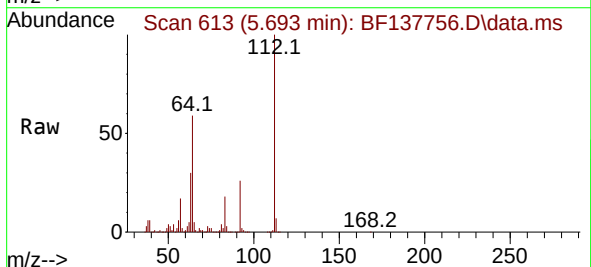
Instrument :
BNA_F
ClientSampleId :
EXCAV-SOIL-1



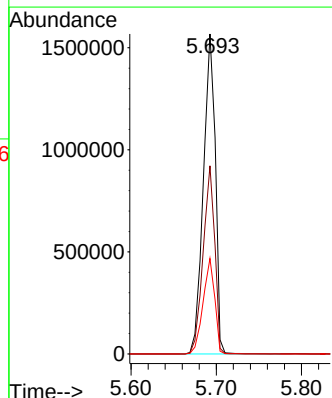
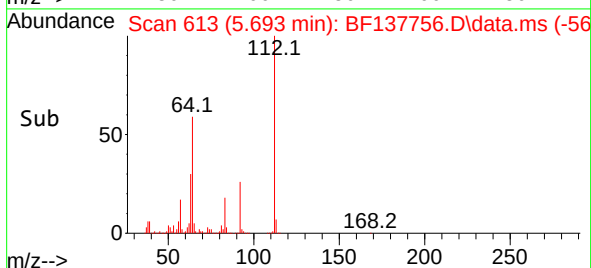
Tgt Ion:152 Resp: 283552
Ion Ratio Lower Upper
152 100
150 154.1 124.2 186.4
115 57.9 50.8 76.2

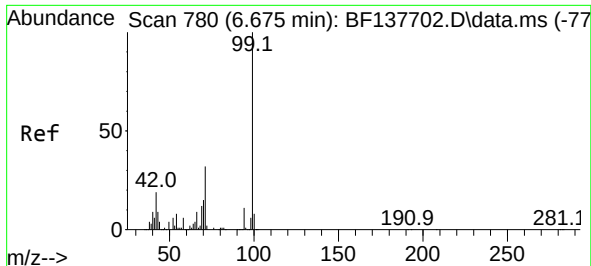


#5
2-Fluorophenol
Concen: 81.752 ng
RT: 5.693 min Scan# 613
Delta R.T. 0.012 min
Lab File: BF137756.D
Acq: 29 Apr 2024 18:46



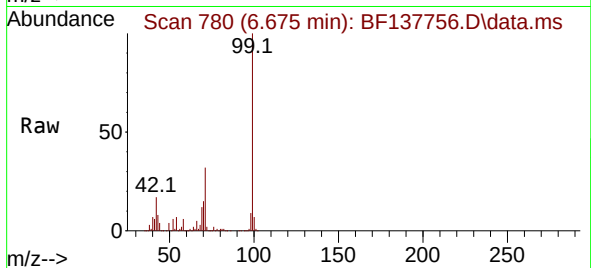
Tgt Ion:112 Resp: 1526021
Ion Ratio Lower Upper
112 100
64 58.8 50.1 75.1
63 29.8 25.2 37.8





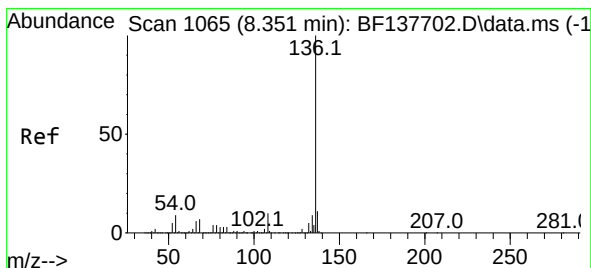
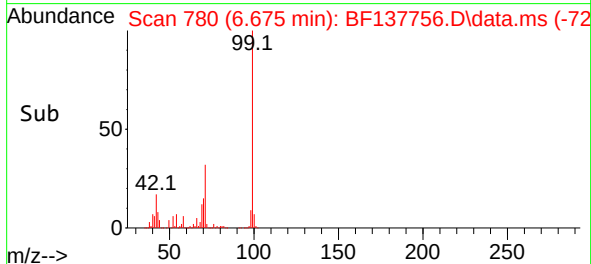
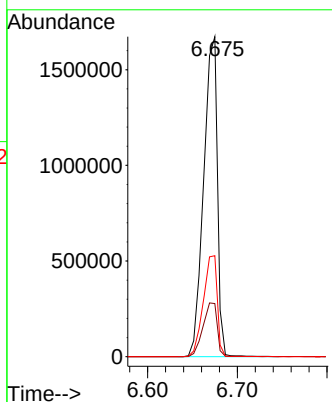
#7
Phenol-d6
Concen: 74.931 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137756.D
Acq: 29 Apr 2024 18:46

Instrument :
BNA_F
ClientSampleId :
EXCAV-SOIL-1



Tgt Ion: 99 Resp: 1776190

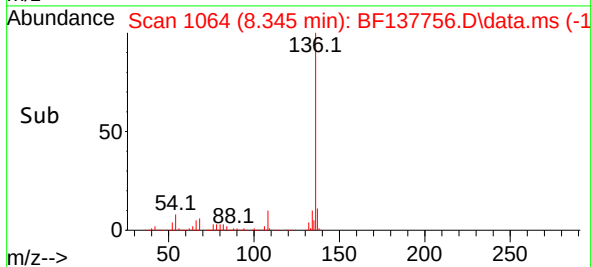
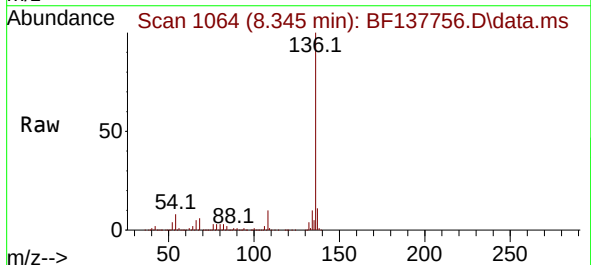
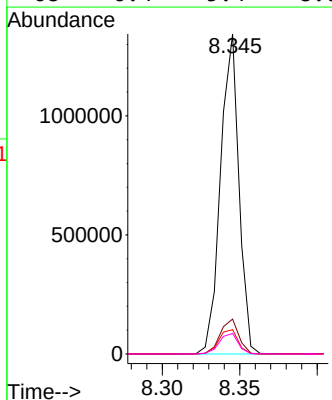
Ion	Ratio	Lower	Upper
99	100		
42	16.6	15.0	22.4
71	31.6	25.7	38.5

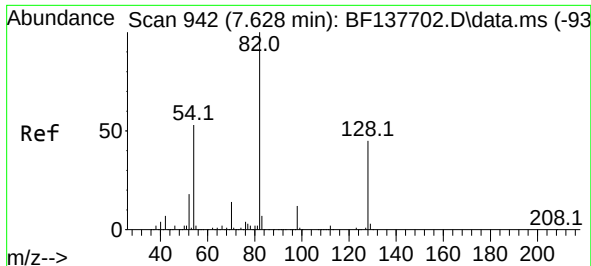


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137756.D
Acq: 29 Apr 2024 18:46

Tgt Ion: 136 Resp: 1110237

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.9	10.3
68	6.4	5.4	8.0





#23

Nitrobenzene-d5

Concen: 61.826 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137756.D

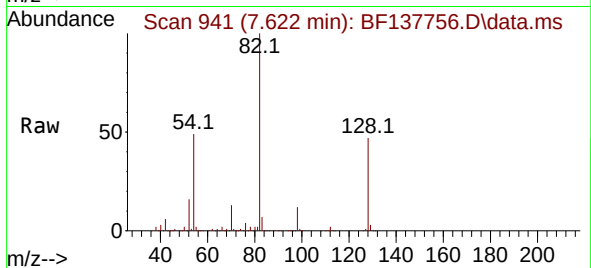
Acq: 29 Apr 2024 18:46

Instrument :

BNA_F

ClientSampleId :

EXCAV-SOIL-1



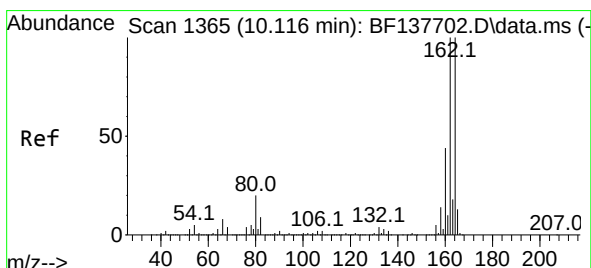
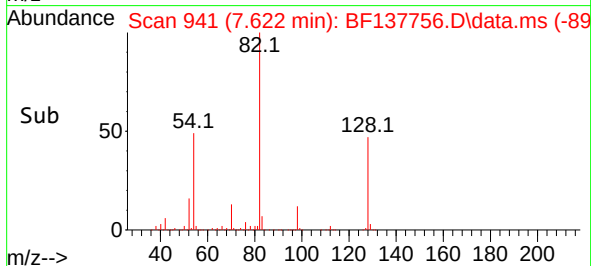
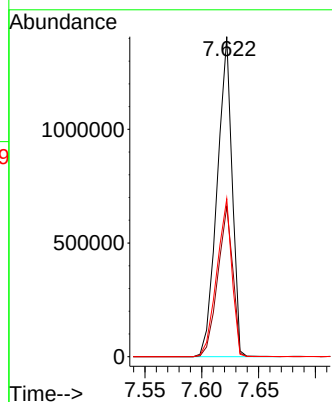
Tgt Ion: 82 Resp: 1293096

Ion Ratio Lower Upper

82 100

128 46.9 35.8 53.6

54 49.4 42.5 63.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF137756.D

Acq: 29 Apr 2024 18:46

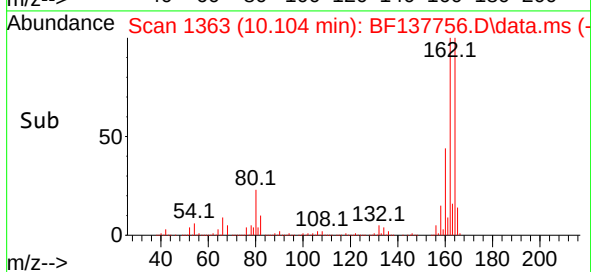
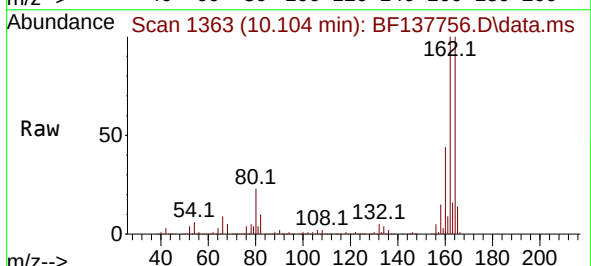
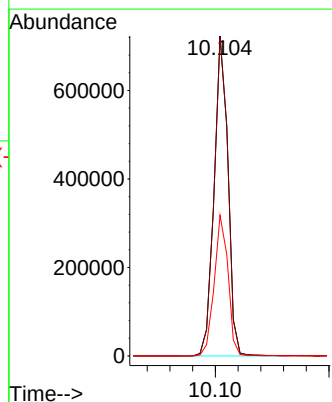
Tgt Ion: 164 Resp: 612922

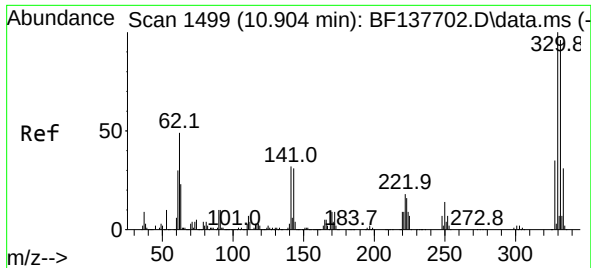
Ion Ratio Lower Upper

164 100

162 99.9 80.3 120.5

160 43.9 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 110.162 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF137756.D

Acq: 29 Apr 2024 18:46

Instrument :

BNA_F

ClientSampleId :

EXCAV-SOIL-1

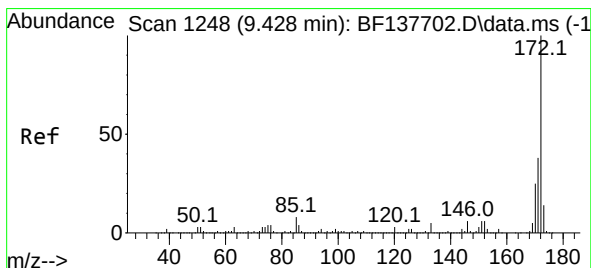
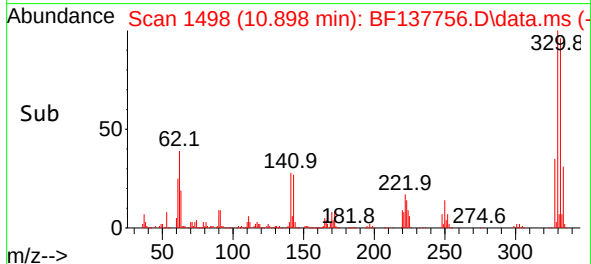
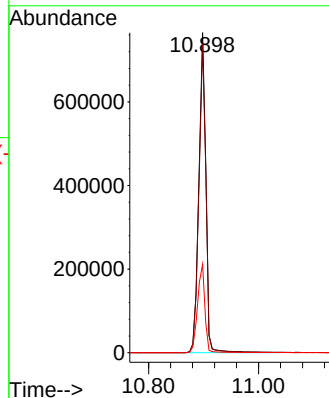
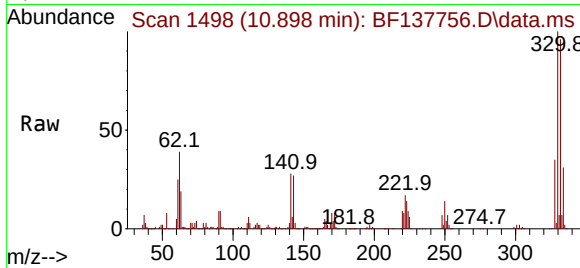
Tgt Ion:330 Resp: 681337

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 28.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 62.281 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137756.D

Acq: 29 Apr 2024 18:46

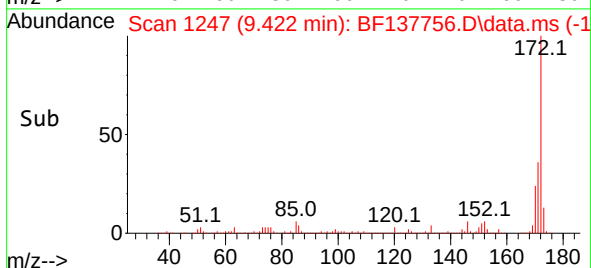
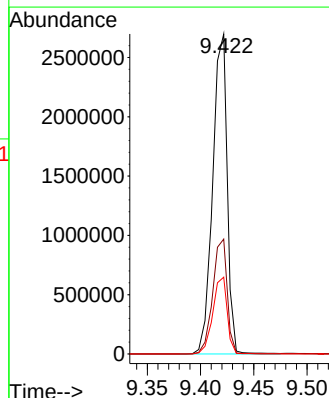
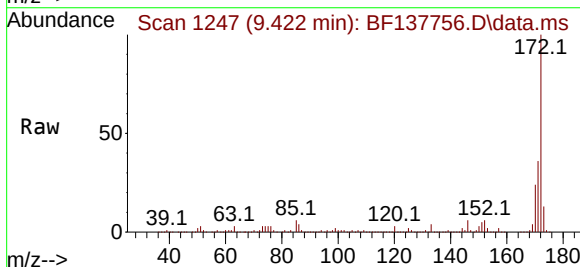
Tgt Ion:172 Resp: 2554772

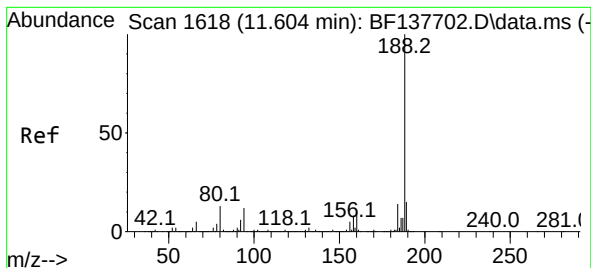
Ion Ratio Lower Upper

172 100

171 35.9 30.2 45.4

170 24.0 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137756.D

Acq: 29 Apr 2024 18:46

Instrument :

BNA_F

ClientSampleId :

EXCAV-SOIL-1

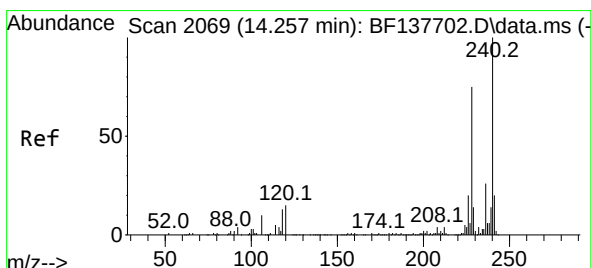
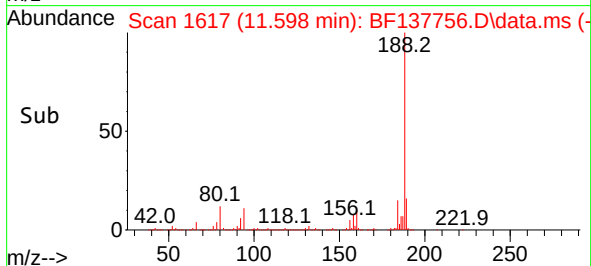
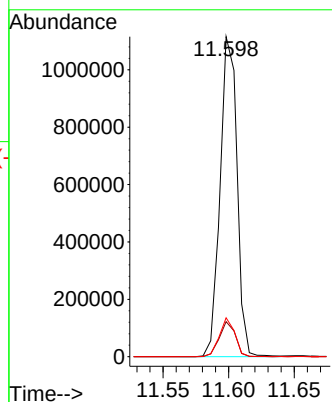
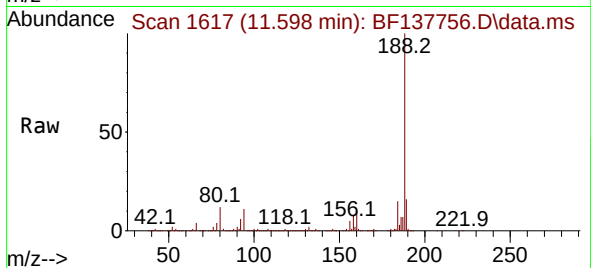
Tgt Ion:188 Resp: 1000514

Ion Ratio Lower Upper

188 100

94 11.0 9.4 14.2

80 12.2 10.2 15.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137756.D

Acq: 29 Apr 2024 18:46

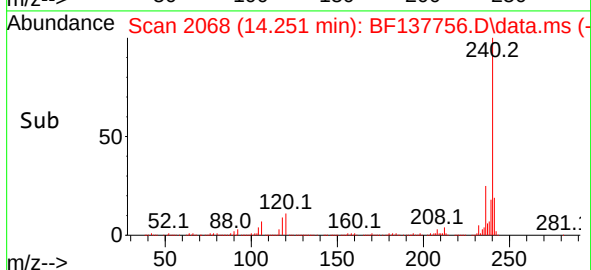
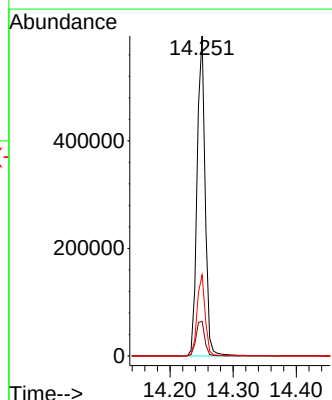
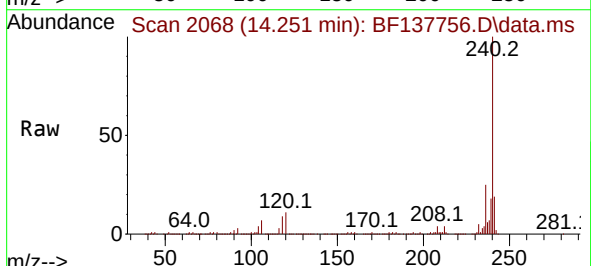
Tgt Ion:240 Resp: 527501

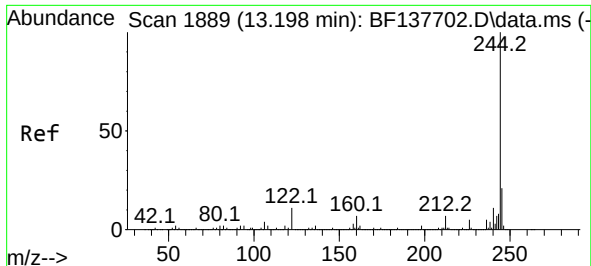
Ion Ratio Lower Upper

240 100

120 10.9 11.9 17.9#

236 25.4 20.8 31.2

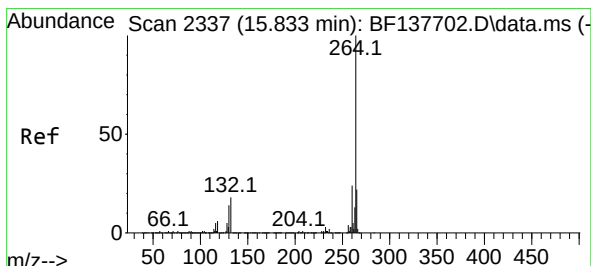
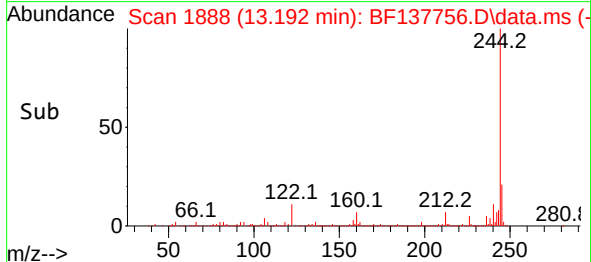
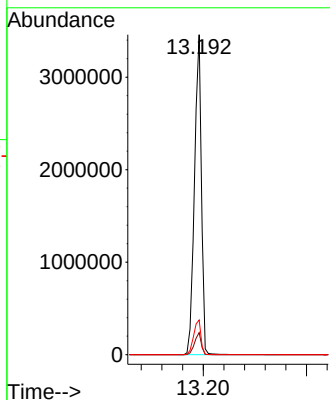
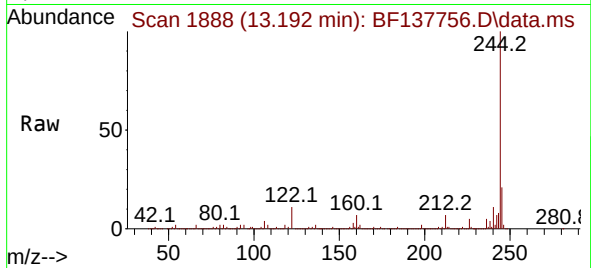




#79
 Terphenyl-d14
 Concen: 97.982 ng
 RT: 13.192 min Scan# 1888
 Delta R.T. -0.006 min
 Lab File: BF137756.D
 Acq: 29 Apr 2024 18:46

Instrument :
 BNA_F
 ClientSampleId :
 EXCAV-SOIL-1

Tgt Ion:244 Resp: 3211157
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.821 min Scan# 2335
 Delta R.T. -0.012 min
 Lab File: BF137756.D
 Acq: 29 Apr 2024 18:46

Tgt Ion:264 Resp: 502255
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.4 29.2
 265 22.1 17.5 26.3

