

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137753.D
 Acq On : 29 Apr 2024 16:58
 Operator : CG\JU
 Sample : P2283-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXCAV-SOIL-2

Quant Time: Apr 29 17:39:02 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)

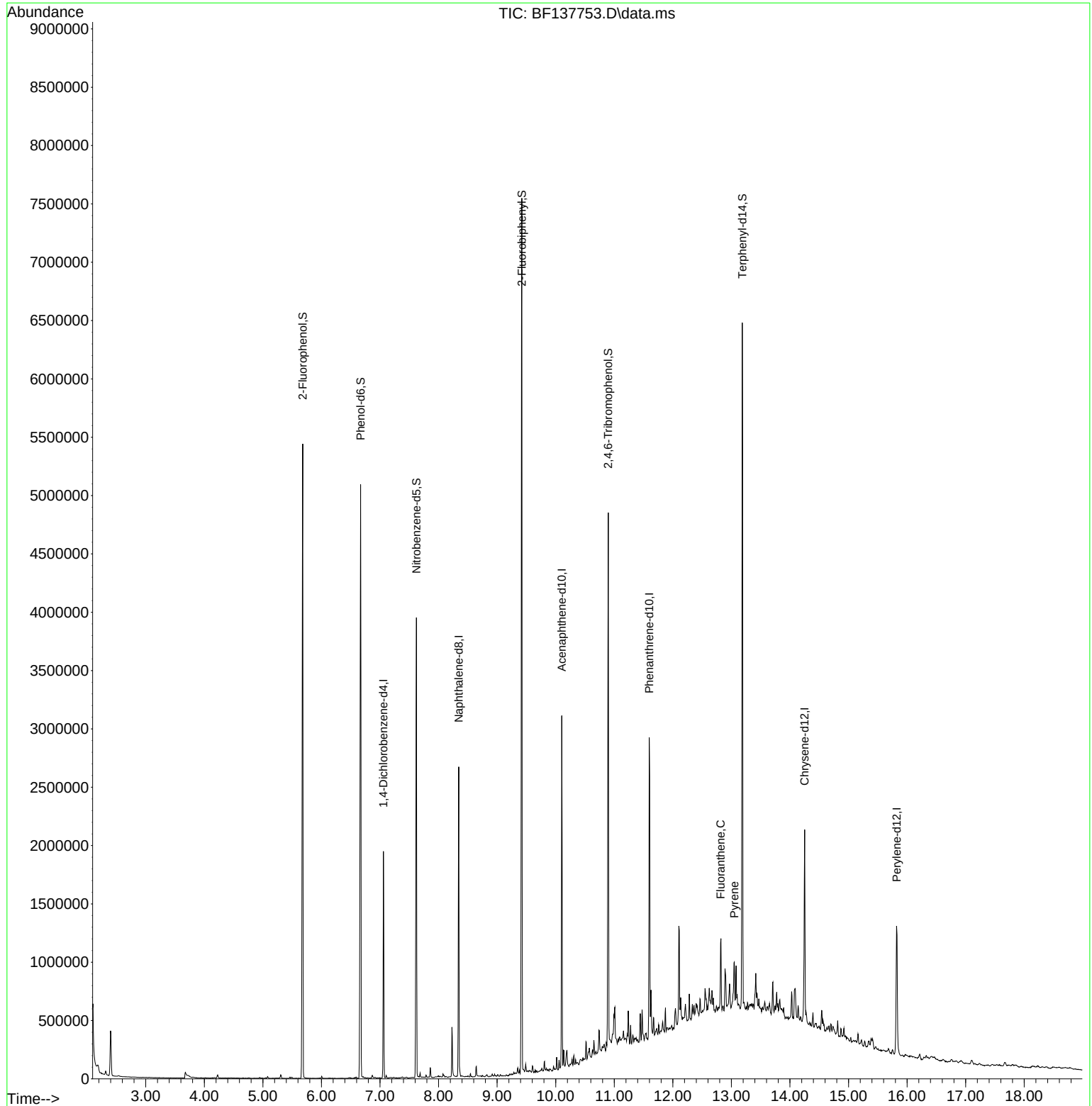
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	265805	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1045576	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	579970	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	933474	20.000	ng	0.00
76) Chrysene-d12	14.251	240	498541	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	536181	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1565761	89.481	ng	0.00
7) Phenol-d6	6.669	99	1989975	89.554	ng	0.00
23) Nitrobenzene-d5	7.622	82	1209789	61.420	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	580077	99.119	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2319743	59.765	ng	0.00
79) Terphenyl-d14	13.186	244	2134173	68.903	ng	-0.01
Target Compounds						
75) Fluoranthene	12.816	202	192095	3.698	ng	99
78) Pyrene	13.051	202	140899	3.443	ng	97

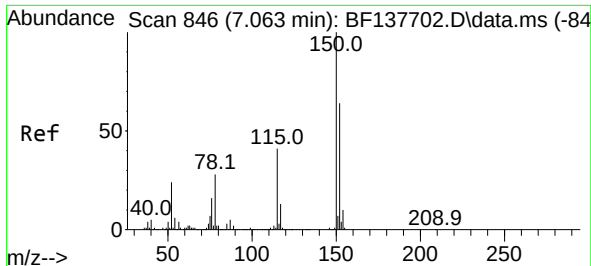
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
Data File : BF137753.D
Acq On : 29 Apr 2024 16:58
Operator : CG\JU
Sample : P2283-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EXCAV-SOIL-2

Quant Time: Apr 29 17:39:02 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

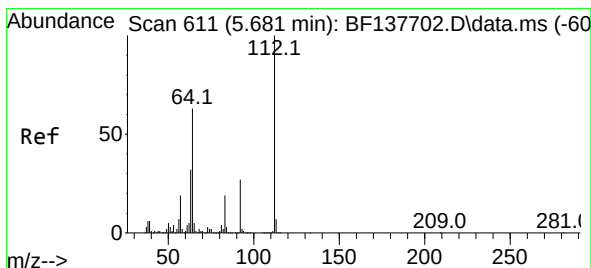
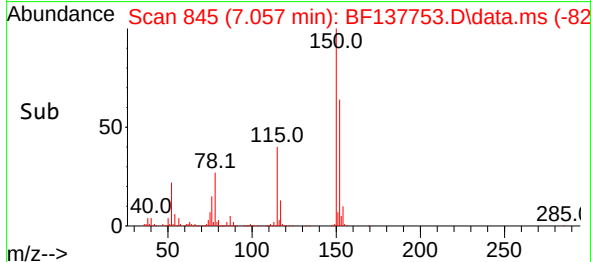
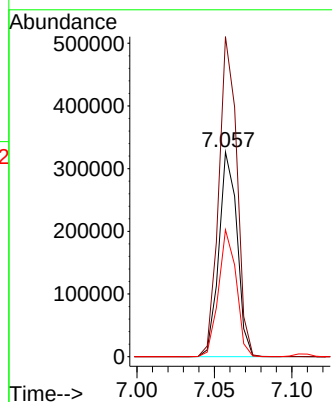
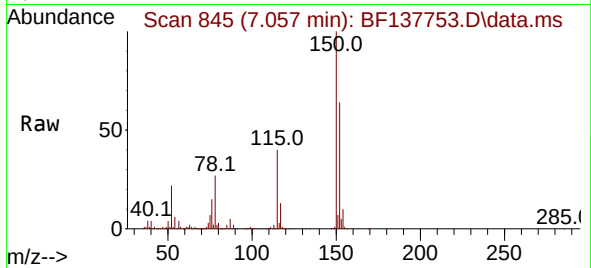




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

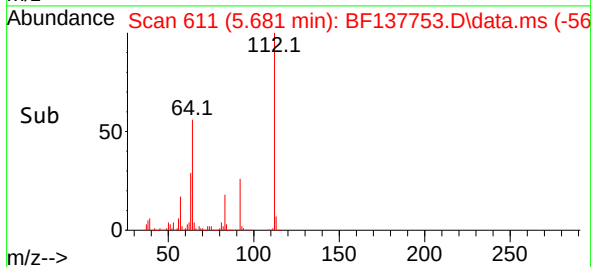
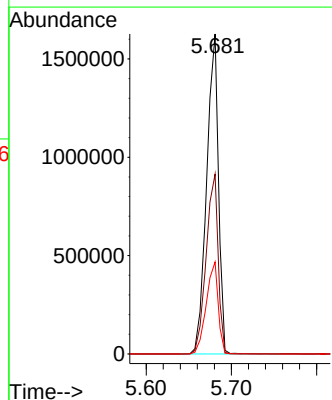
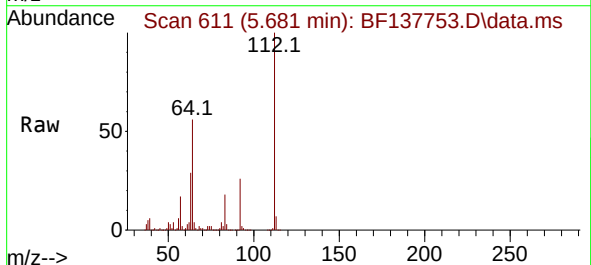
Instrument :
BNA_F
ClientSampleId :
EXCAV-SOIL-2

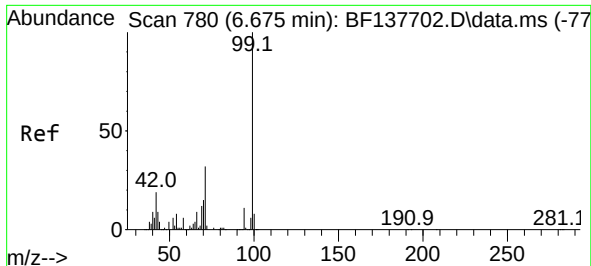
Tgt Ion:152 Resp: 265805
Ion Ratio Lower Upper
152 100
150 156.3 124.2 186.4
115 62.0 50.8 76.2



#5
2-Fluorophenol
Concen: 89.481 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

Tgt Ion:112 Resp: 1565761
Ion Ratio Lower Upper
112 100
64 56.2 50.1 75.1
63 28.7 25.2 37.8

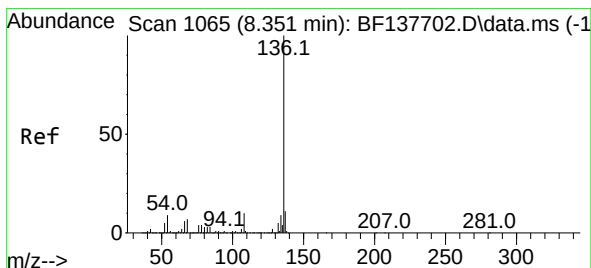
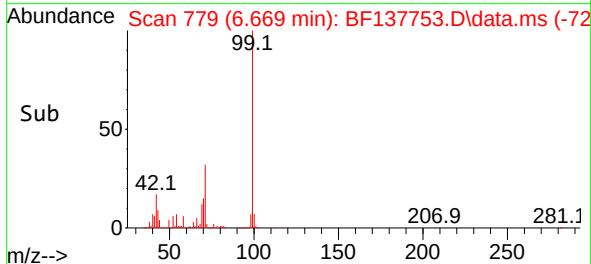
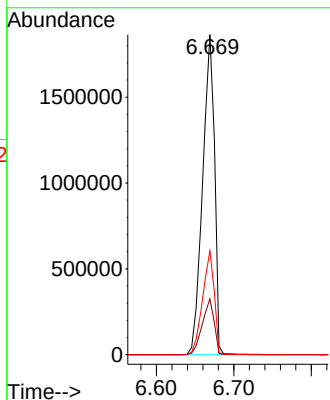
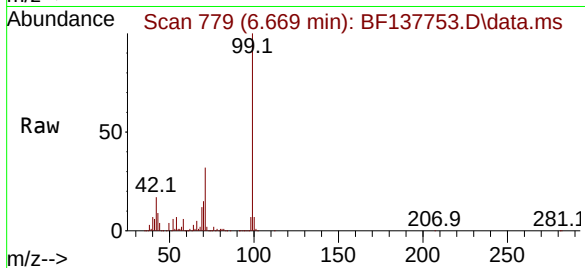




#7
Phenol-d6
Concen: 89.554 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

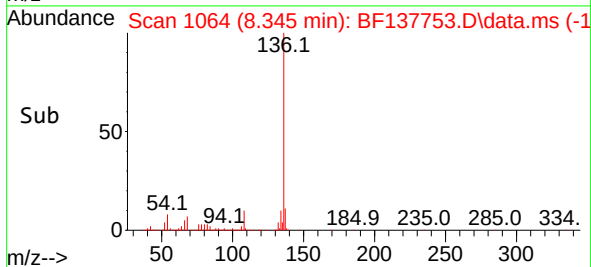
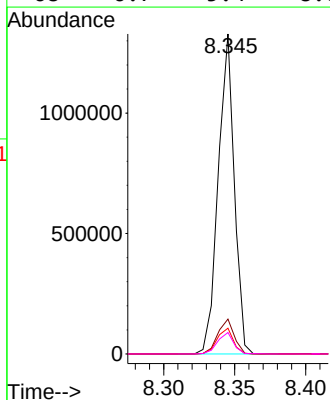
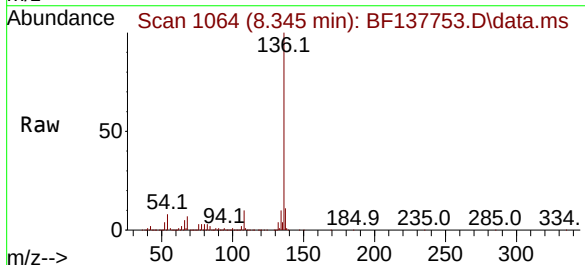
Instrument :
BNA_F
ClientSampleId :
EXCAV-SOIL-2

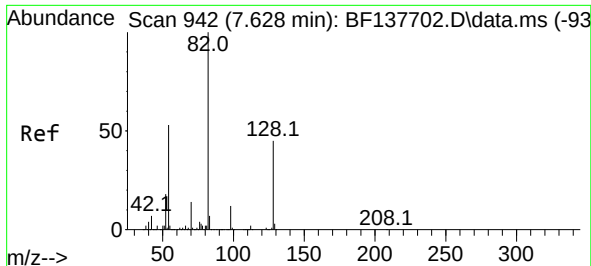
Tgt Ion: 99 Resp: 1989975
Ion Ratio Lower Upper
99 100
42 17.5 15.0 22.4
71 32.4 25.7 38.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

Tgt Ion: 136 Resp: 1045576
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 6.9 10.3
68 6.7 5.4 8.0





#23

Nitrobenzene-d5

Concen: 61.420 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137753.D

Acq: 29 Apr 2024 16:58

Instrument :

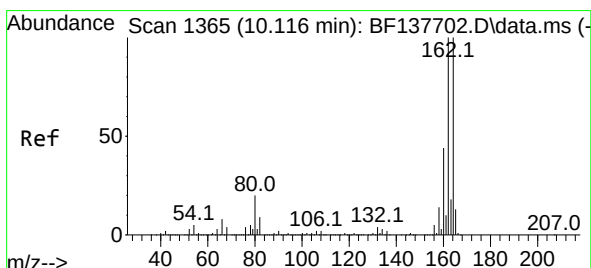
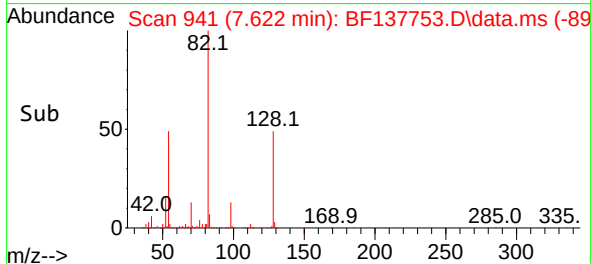
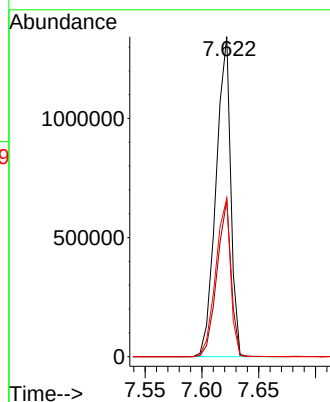
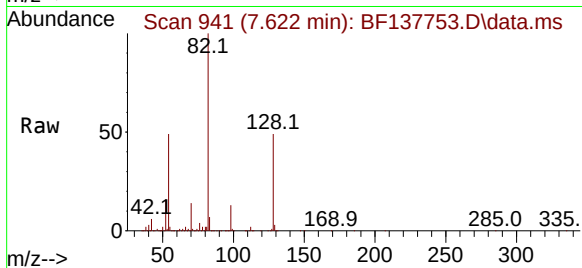
BNA_F

ClientSampleId :

EXCAV-SOIL-2

Tgt Ion: 82 Resp: 1209789

Ion	Ratio	Lower	Upper
82	100		
128	48.9	35.8	53.6
54	49.5	42.5	63.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.104 min Scan# 1363

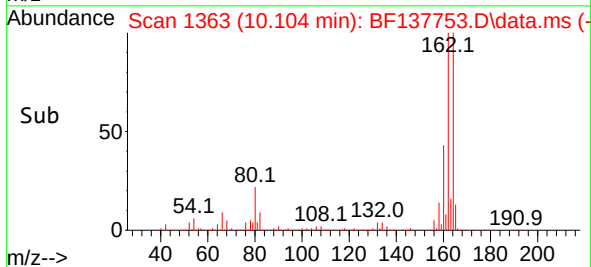
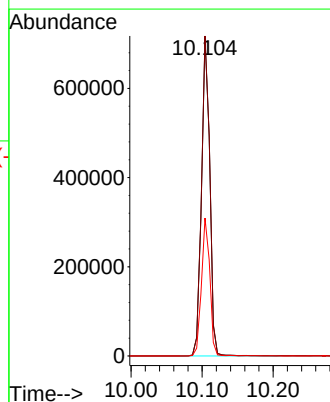
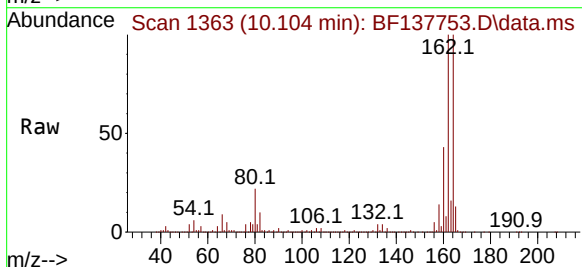
Delta R.T. -0.012 min

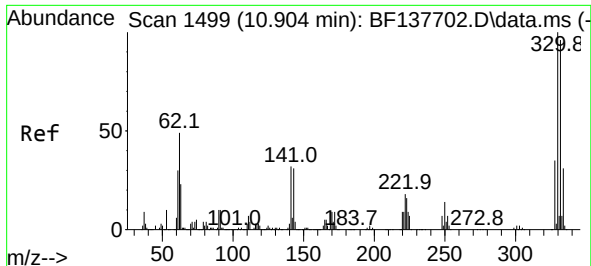
Lab File: BF137753.D

Acq: 29 Apr 2024 16:58

Tgt Ion: 164 Resp: 579970

Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.3	120.5
160	43.3	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 99.119 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF137753.D

Acq: 29 Apr 2024 16:58

Instrument :

BNA_F

ClientSampleId :

EXCAV-SOIL-2

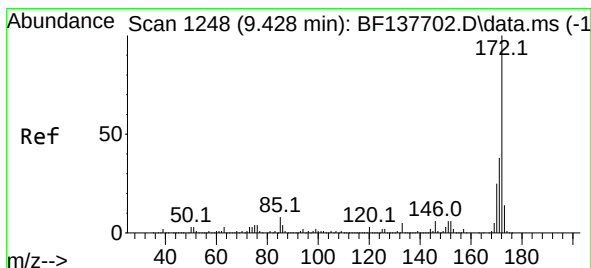
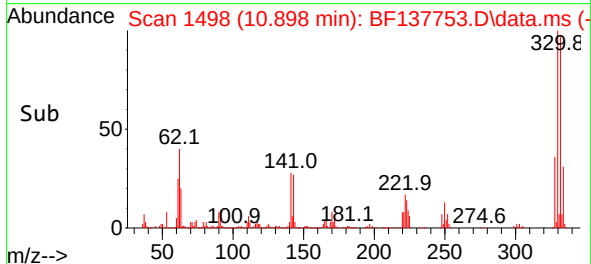
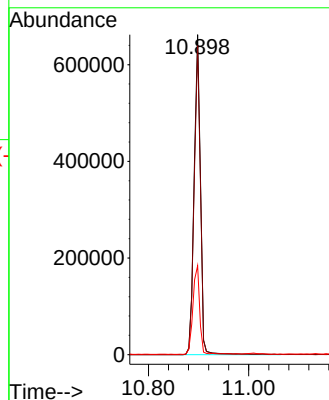
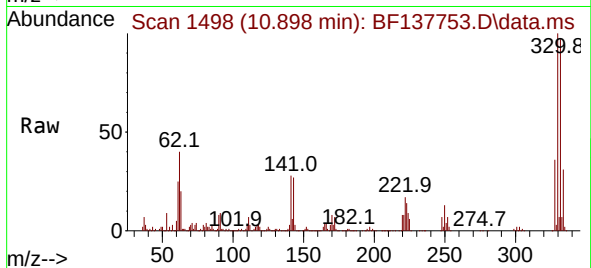
Tgt Ion:330 Resp: 580077

Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 29.3 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 59.765 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137753.D

Acq: 29 Apr 2024 16:58

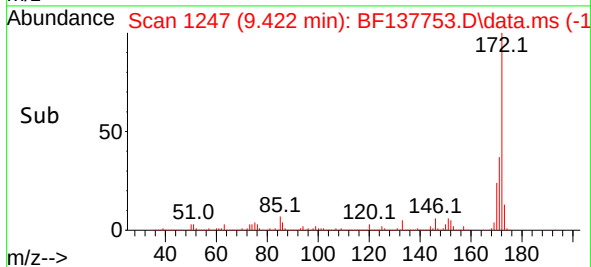
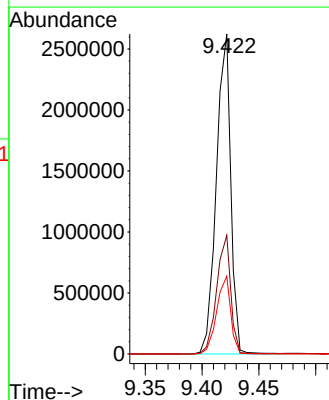
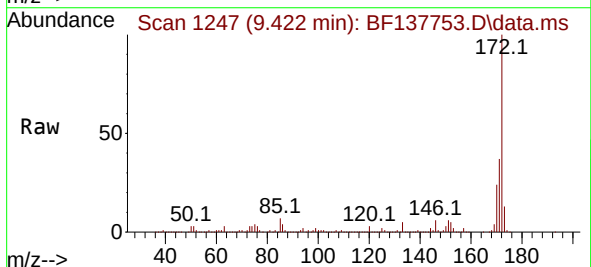
Tgt Ion:172 Resp: 2319743

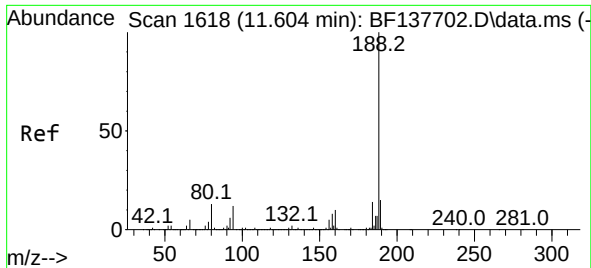
Ion Ratio Lower Upper

172 100

171 37.0 30.2 45.4

170 24.3 20.2 30.4

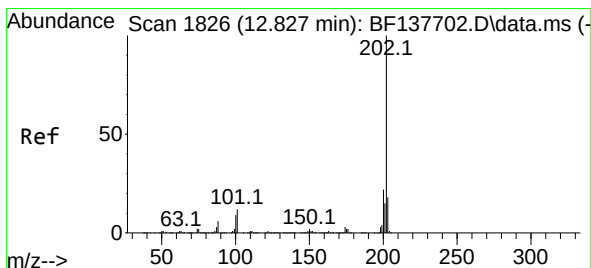
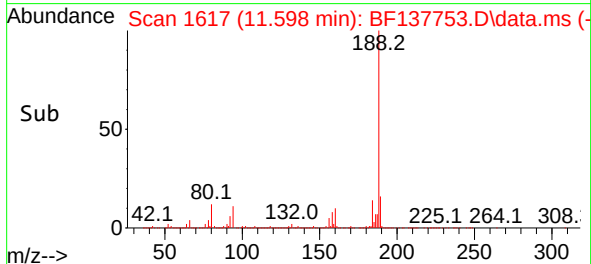
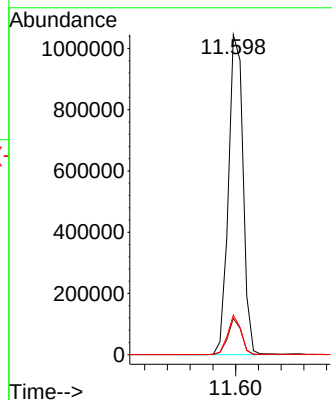
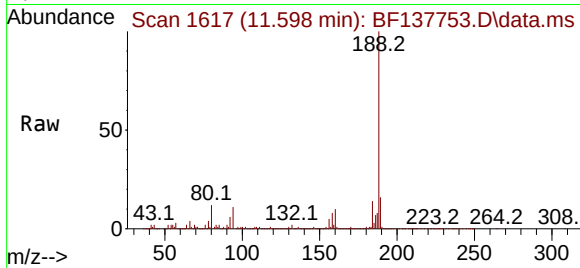




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

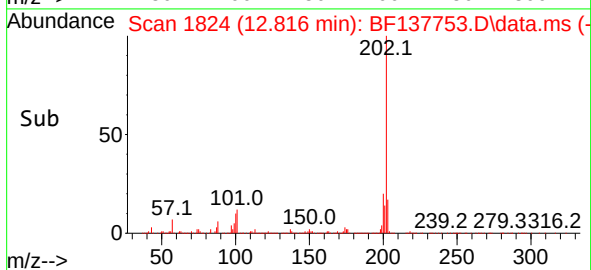
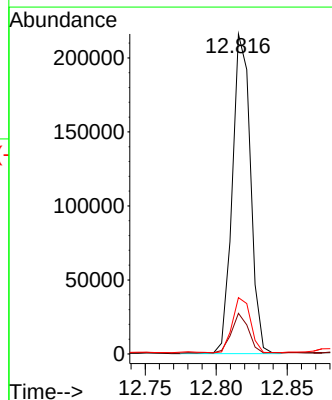
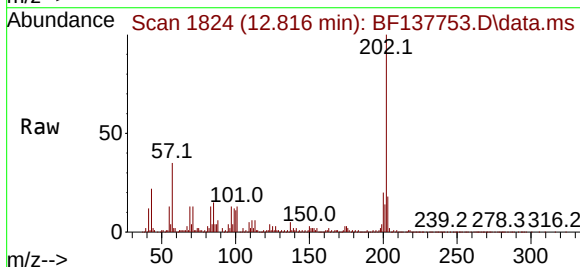
Instrument :
BNA_F
ClientSampleId :
EXCAV-SOIL-2

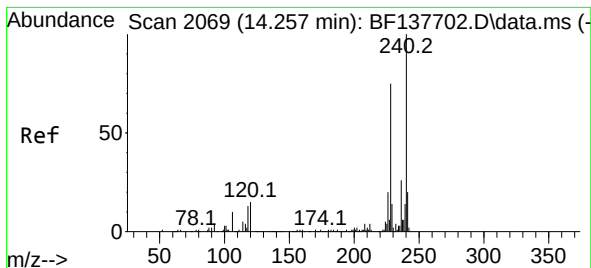
Tgt Ion:188 Resp: 933474
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.4 10.2 15.4



#75
Fluoranthene
Concen: 3.698 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF137753.D
Acq: 29 Apr 2024 16:58

Tgt Ion:202 Resp: 192095
Ion Ratio Lower Upper
202 100
101 12.7 0.0 32.2
203 17.6 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137753.D

Acq: 29 Apr 2024 16:58

Instrument :

BNA_F

ClientSampleId :

EXCAV-SOIL-2

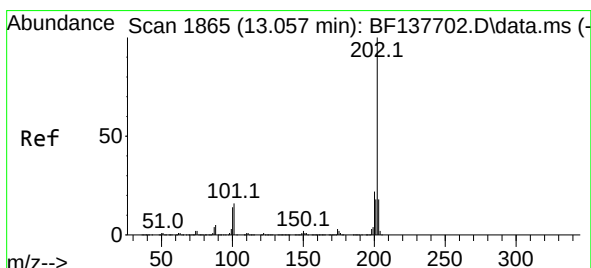
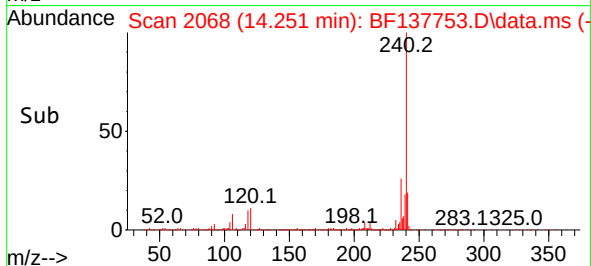
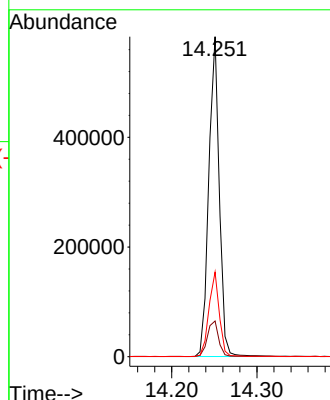
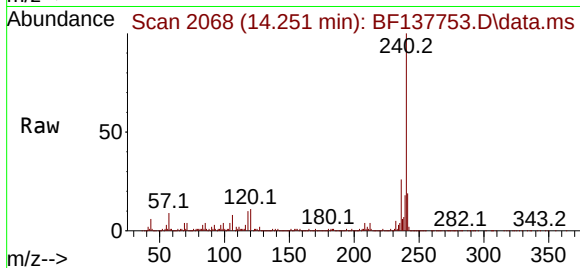
Tgt Ion:240 Resp: 498541

Ion Ratio Lower Upper

240 100

120 11.1 11.9 17.9#

236 26.5 20.8 31.2



#78

Pyrene

Concen: 3.443 ng

RT: 13.051 min Scan# 1864

Delta R.T. -0.006 min

Lab File: BF137753.D

Acq: 29 Apr 2024 16:58

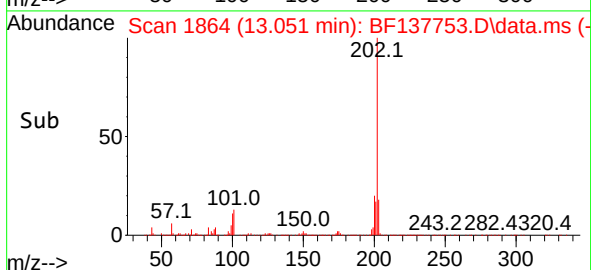
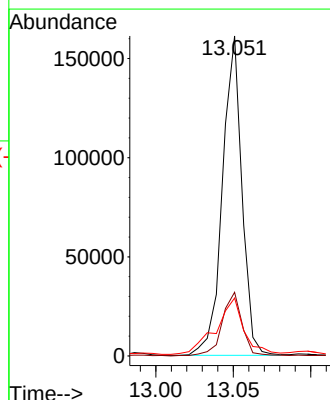
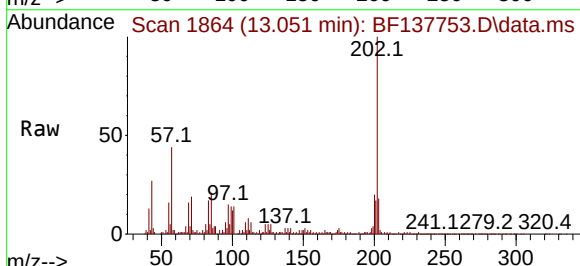
Tgt Ion:202 Resp: 140899

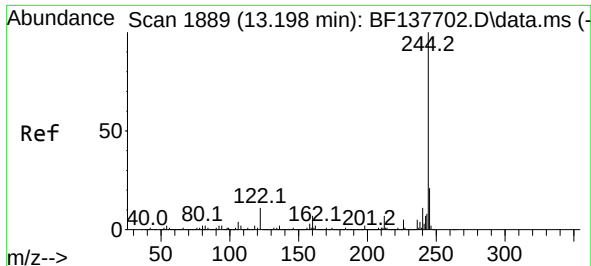
Ion Ratio Lower Upper

202 100

200 19.9 17.8 26.6

203 18.1 14.6 21.8

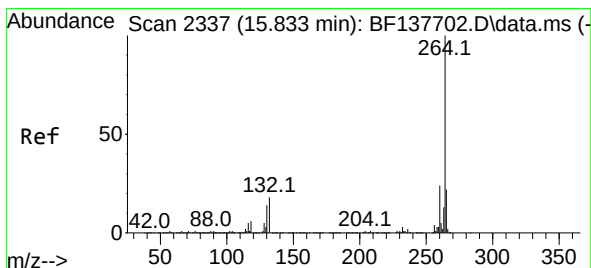
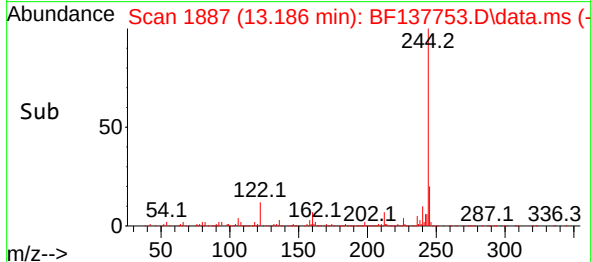
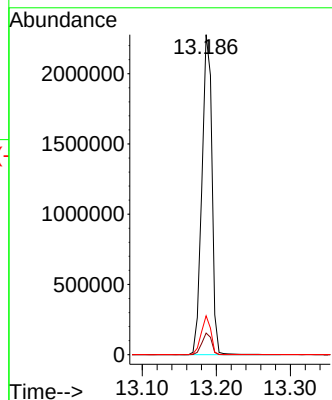
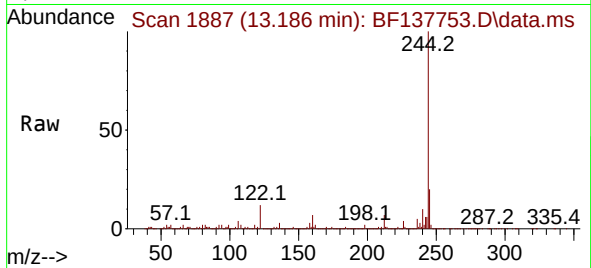




#79
 Terphenyl-d14
 Concen: 68.903 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.012 min
 Lab File: BF137753.D
 Acq: 29 Apr 2024 16:58

Instrument :
 BNA_F
 ClientSampleId :
 EXCAV-SOIL-2

Tgt Ion:244 Resp: 2134173
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 12.1 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: BF137753.D
 Acq: 29 Apr 2024 16:58

Tgt Ion:264 Resp: 536181
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 22.6 17.5 26.3

