

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137750.D
 Acq On : 29 Apr 2024 15:12
 Operator : CG\JU
 Sample : P2283-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXCAV-SOIL-1

Quant Time: Apr 29 15:48:12 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	293869	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1123017	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	628357	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	1022186	20.000	ng	0.00
76) Chrysene-d12	14.251	240	538341	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	557059	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1294686	66.924	ng	0.00
7) Phenol-d6	6.669	99	1660367	67.585	ng	0.00
23) Nitrobenzene-d5	7.622	82	995393	47.051	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	483085	76.189	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2009335	47.781	ng	0.00
79) Terphenyl-d14	13.186	244	1927116	57.618	ng	-0.01

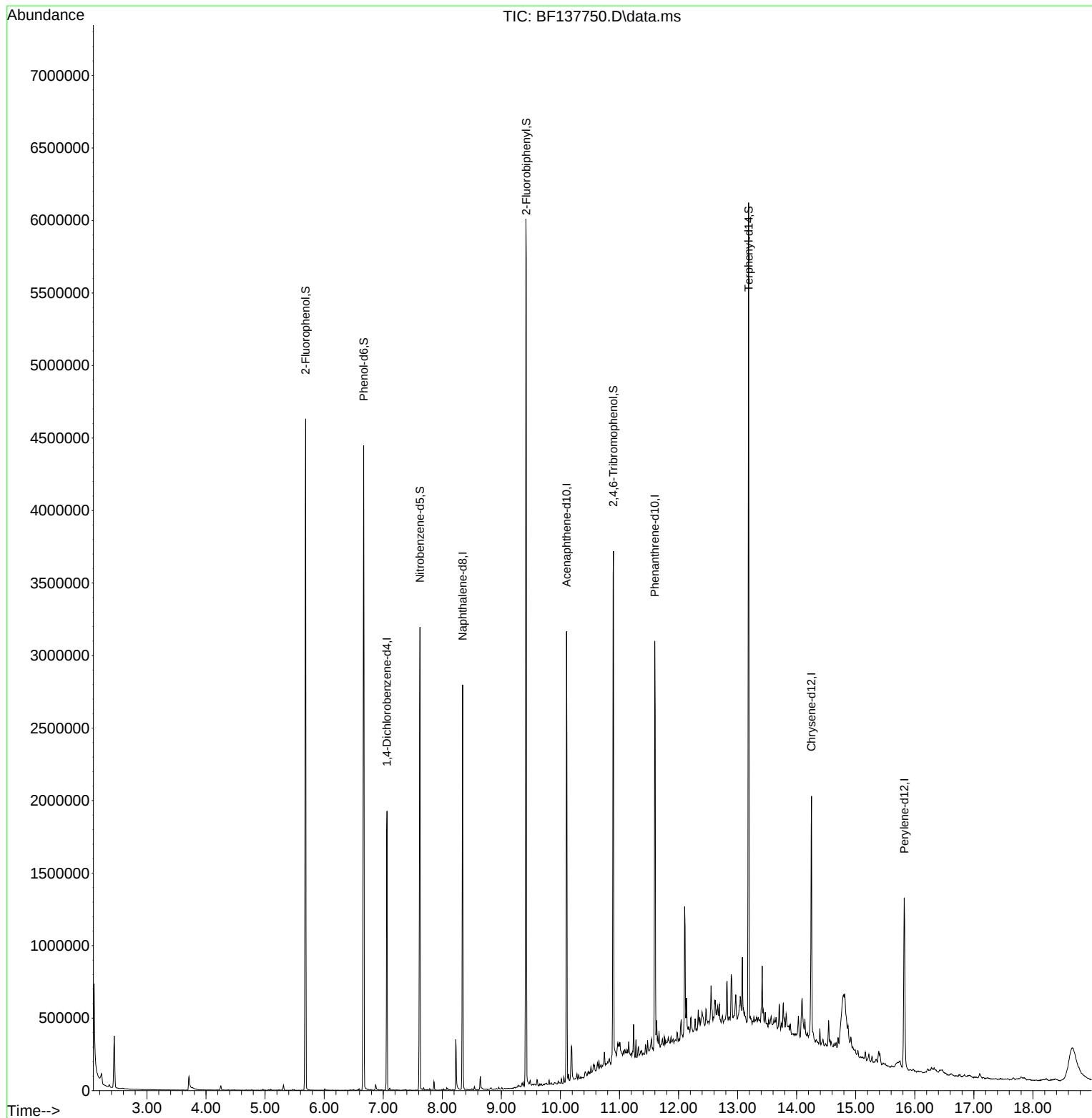
Target Compounds	Qvalue

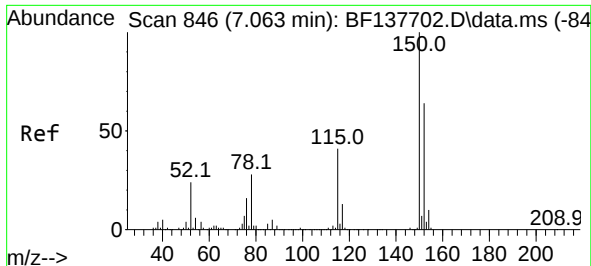
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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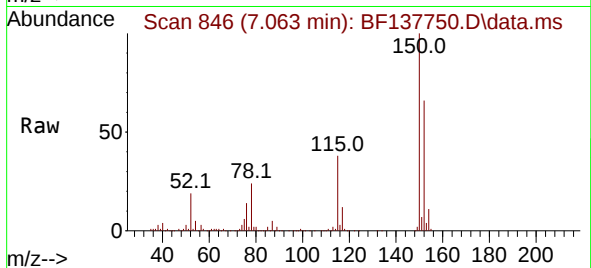
Quant Time: Apr 29 15:48:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
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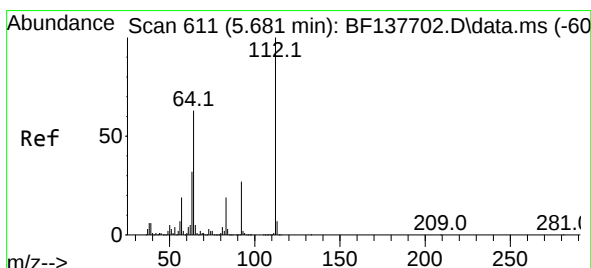
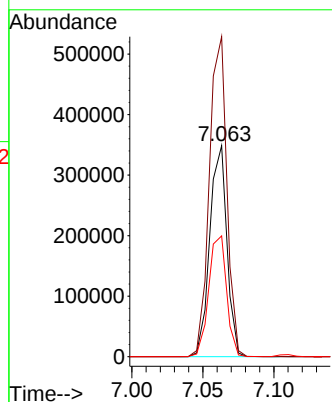
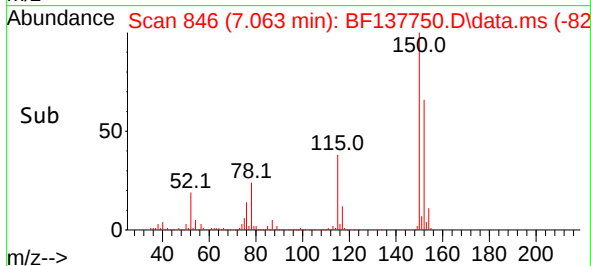


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137750.D
Acq: 29 Apr 2024 15:12

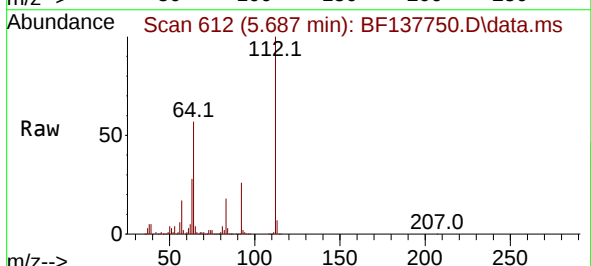
Instrument :
BNA_F
ClientSampleId :
EXCAV-SOIL-1



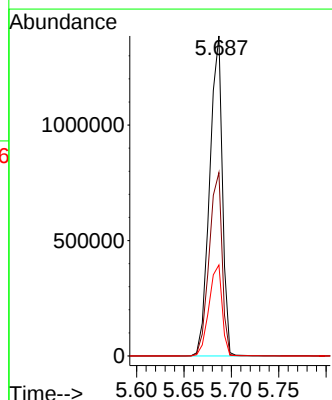
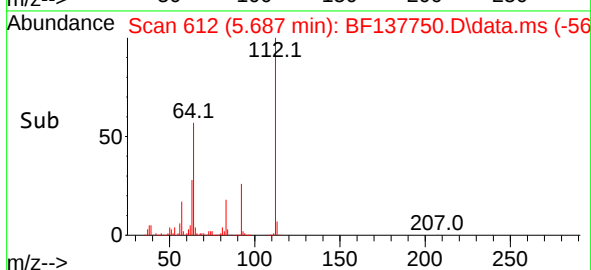
Tgt Ion:152 Resp: 293869
Ion Ratio Lower Upper
152 100
150 151.6 124.2 186.4
115 57.3 50.8 76.2



#5
2-Fluorophenol
Concen: 66.924 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.006 min
Lab File: BF137750.D
Acq: 29 Apr 2024 15:12



Tgt Ion:112 Resp: 1294686
Ion Ratio Lower Upper
112 100
64 57.3 50.1 75.1
63 28.5 25.2 37.8



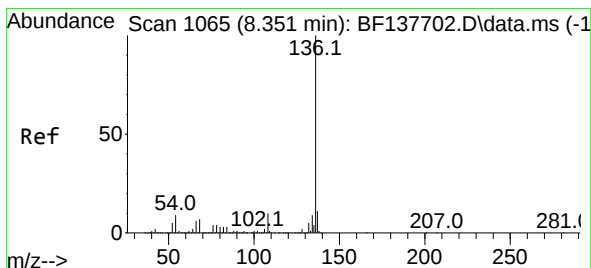
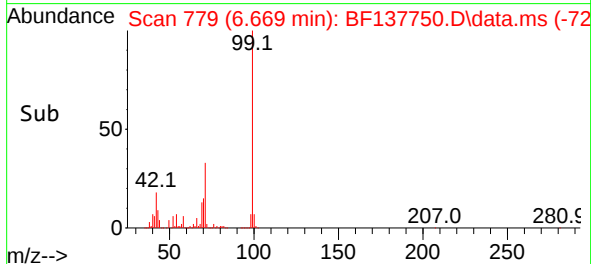
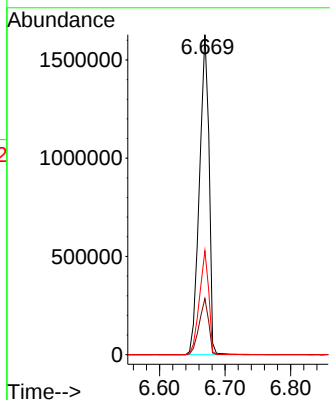
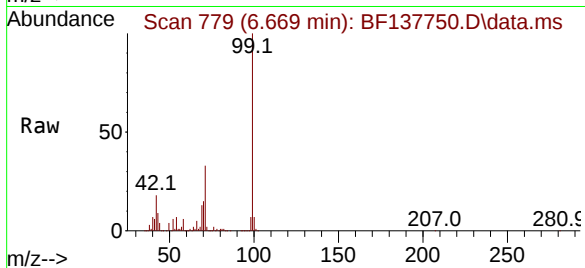


#7
Phenol-d6
Concen: 67.585 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137750.D
Acq: 29 Apr 2024 15:12

Instrument :
BNA_F
ClientSampleId :
EXCAV-SOIL-1

Tgt Ion: 99 Resp: 1660367

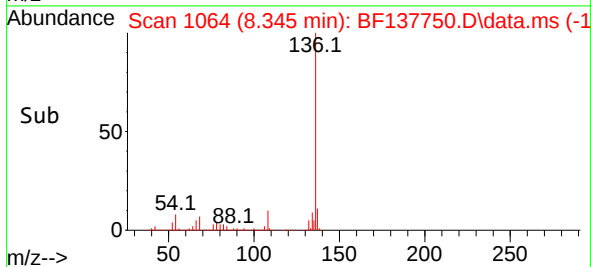
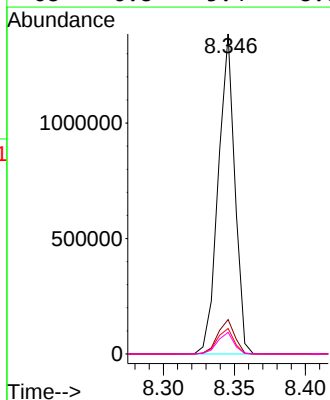
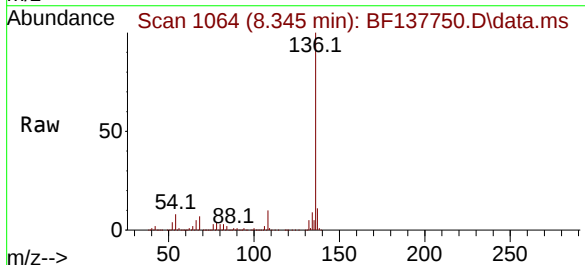
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	32.5	25.7	38.5

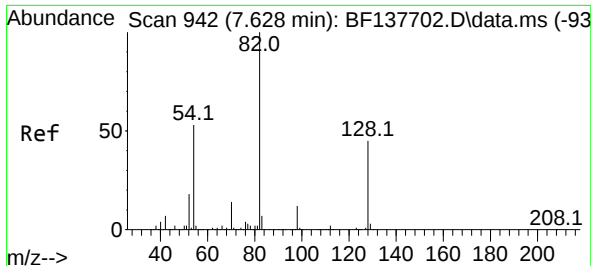


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137750.D
Acq: 29 Apr 2024 15:12

Tgt Ion: 136 Resp: 1123017

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.0	6.9	10.3
68	6.8	5.4	8.0

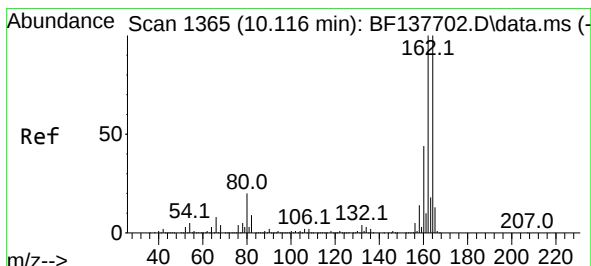
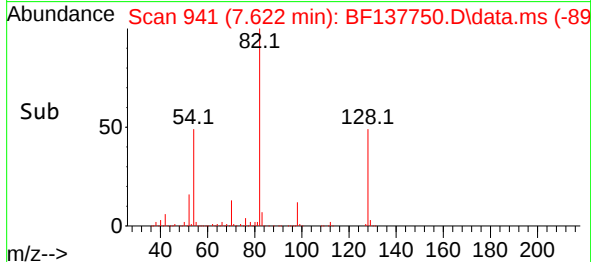
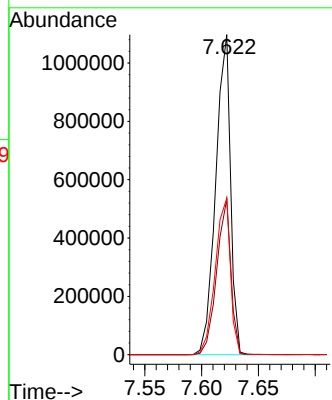
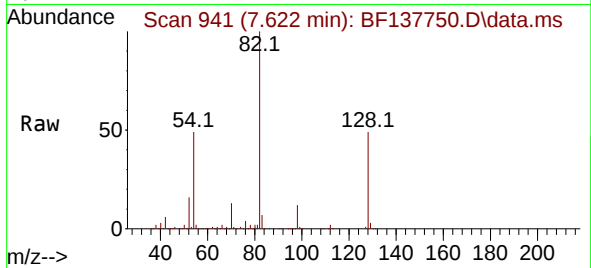




#23
Nitrobenzene-d5
Concen: 47.051 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137750.D
Acq: 29 Apr 2024 15:12

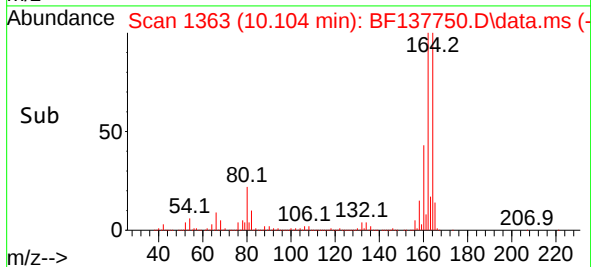
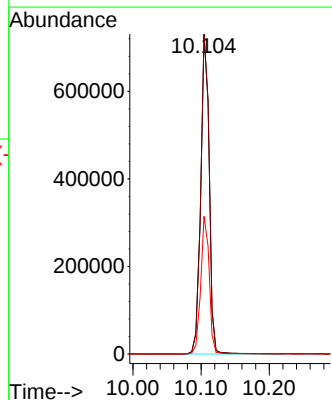
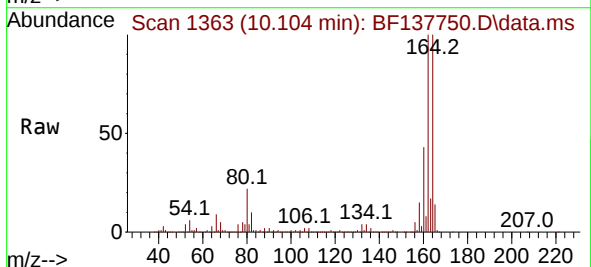
Instrument :
BNA_F
ClientSampleId :
EXCAV-SOIL-1

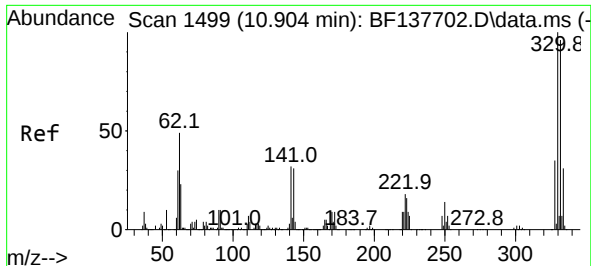
Tgt Ion: 82 Resp: 995393
Ion Ratio Lower Upper
82 100
128 48.7 35.8 53.6
54 48.9 42.5 63.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137750.D
Acq: 29 Apr 2024 15:12

Tgt Ion: 164 Resp: 628357
Ion Ratio Lower Upper
164 100
162 100.2 80.3 120.5
160 43.1 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 76.189 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

Lab File: BF137750.D

Acq: 29 Apr 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXCAV-SOIL-1

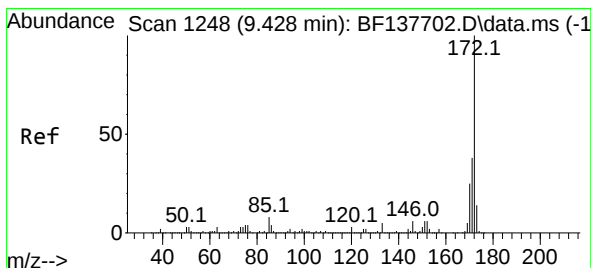
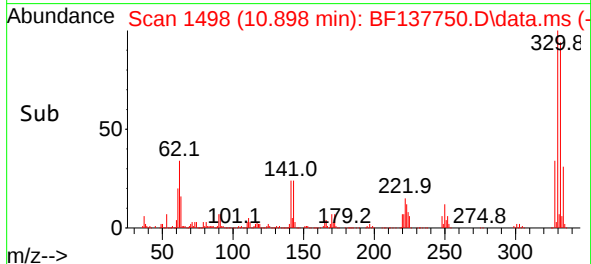
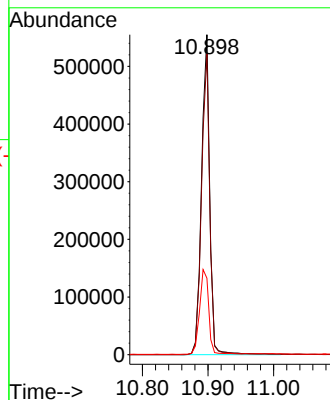
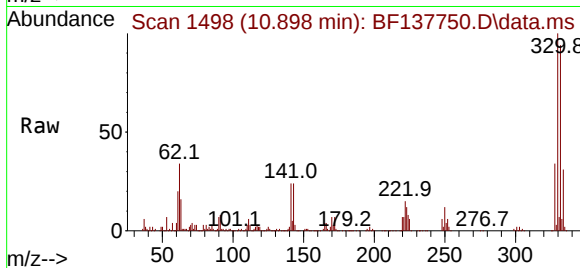
Tgt Ion:330 Resp: 483085

Ion Ratio Lower Upper

330 100

332 94.8 77.1 115.7

141 29.6 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 47.781 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137750.D

Acq: 29 Apr 2024 15:12

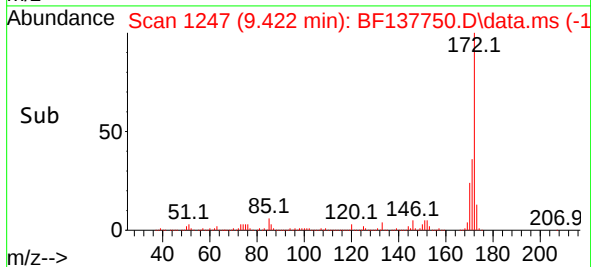
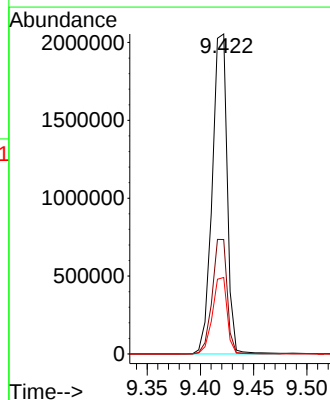
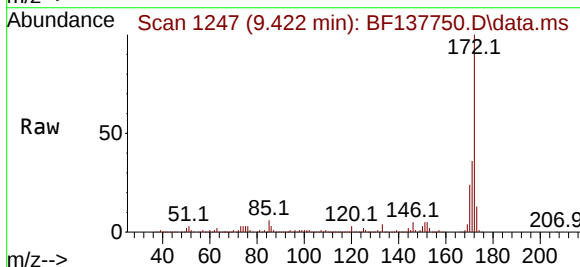
Tgt Ion:172 Resp: 2009335

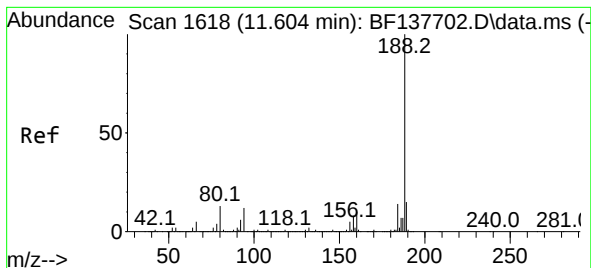
Ion Ratio Lower Upper

172 100

171 35.8 30.2 45.4

170 23.9 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: BF137750.D

Acq: 29 Apr 2024 15:12

Instrument :

BNA_F

ClientSampleId :

EXCAV-SOIL-1

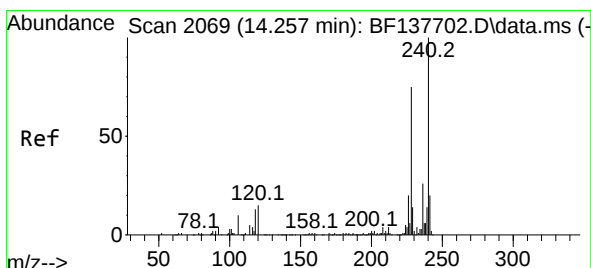
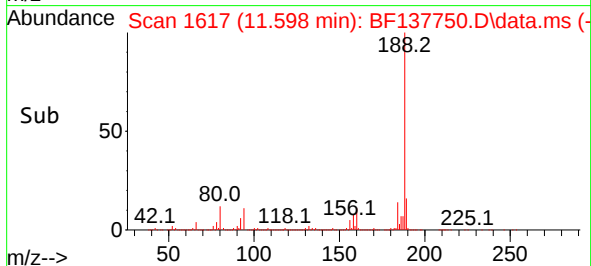
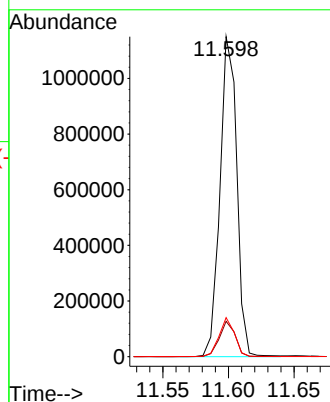
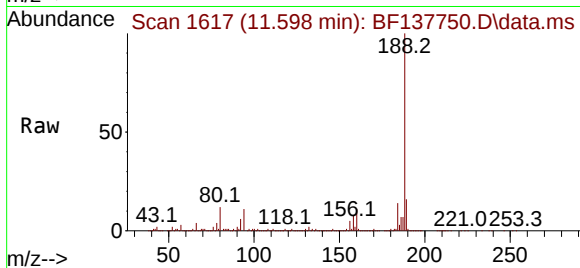
Tgt Ion:188 Resp: 1022186

Ion Ratio Lower Upper

188 100

94 11.1 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: BF137750.D

Acq: 29 Apr 2024 15:12

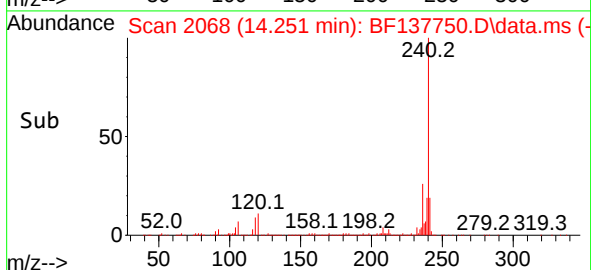
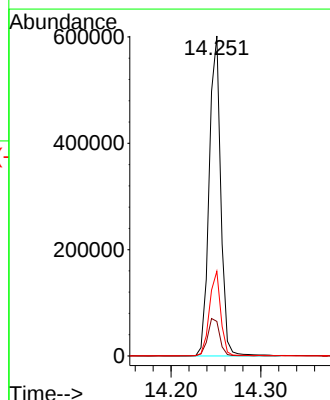
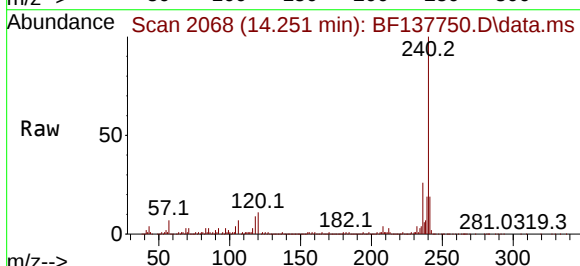
Tgt Ion:240 Resp: 538341

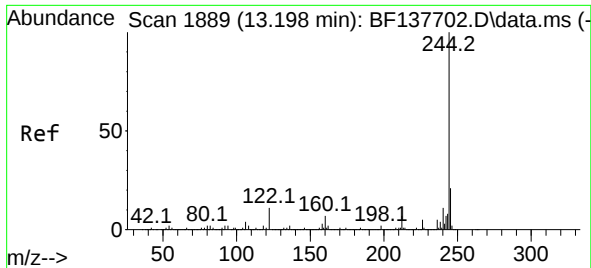
Ion Ratio Lower Upper

240 100

120 10.8 11.9 17.9#

236 26.4 20.8 31.2

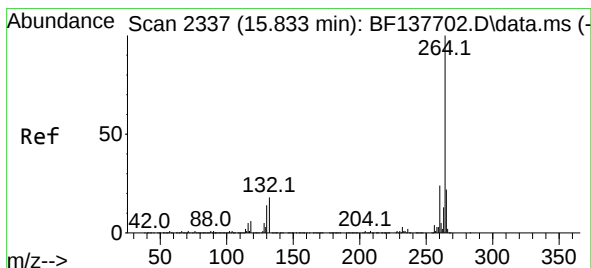
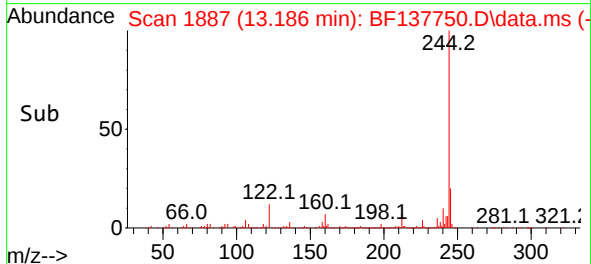
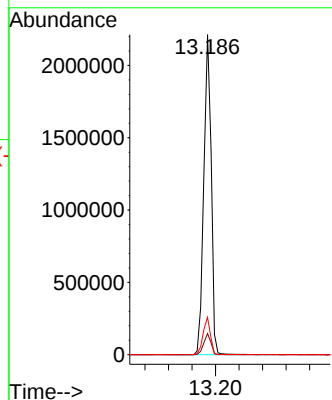
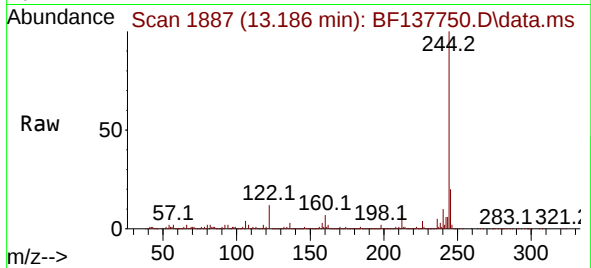




#79
 Terphenyl-d14
 Concen: 57.618 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.012 min
 Lab File: BF137750.D
 Acq: 29 Apr 2024 15:12

Instrument :
 BNA_F
 ClientSampleId :
 EXCAV-SOIL-1

Tgt Ion:244 Resp: 1927116
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.7 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: BF137750.D
 Acq: 29 Apr 2024 15:12

Tgt Ion:264 Resp: 557059
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 21.3 17.5 26.3

