

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129457.D
 Acq On : 29 Jul 2022 23:29
 Operator : CG\JU
 Sample : N3964-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HMGP-SOIL-C

Quant Time: Jul 30 01:11:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

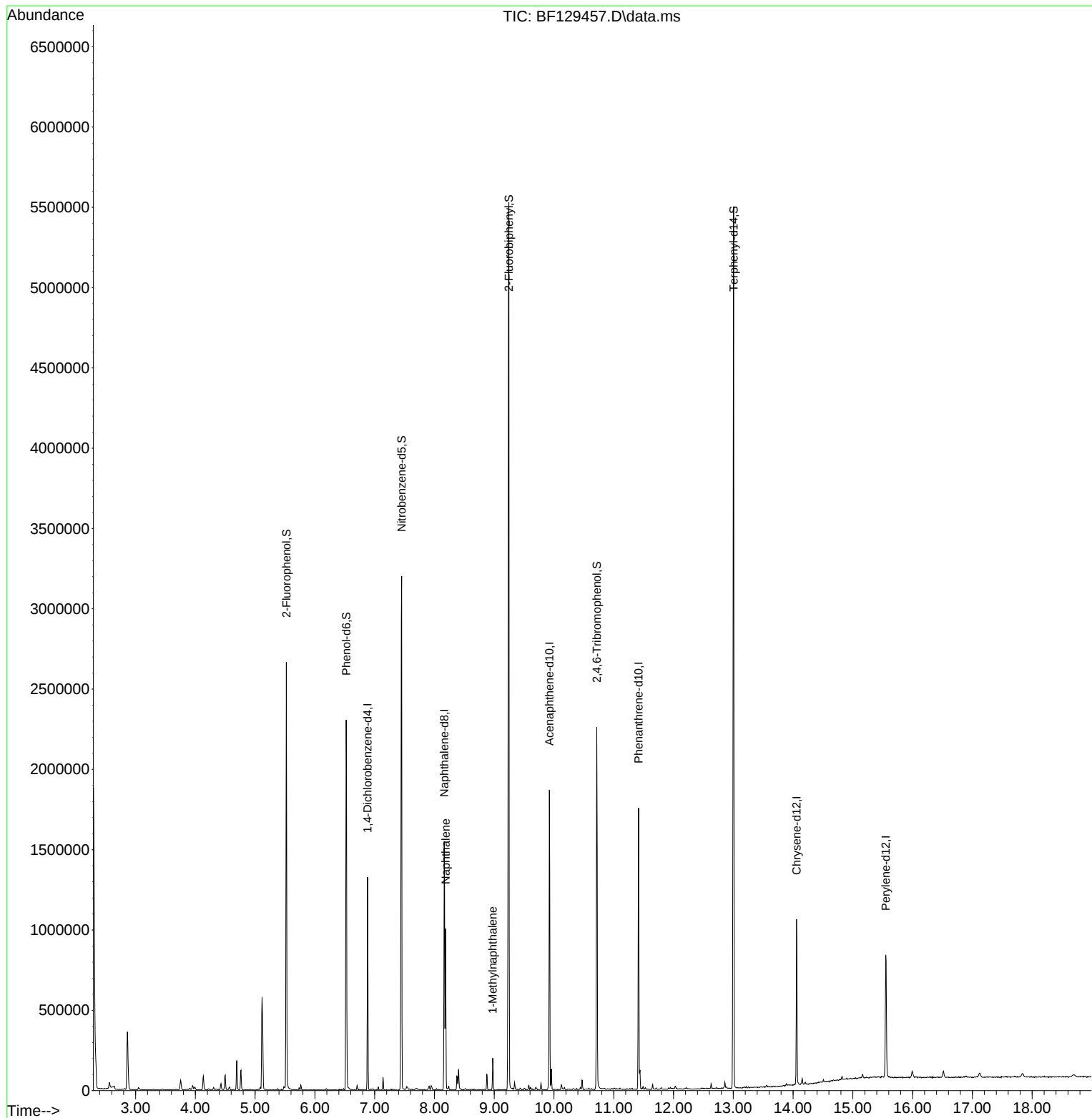
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	172367	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	685225	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	364233	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	608660	20.000	ng	0.00
76) Chrysene-d12	14.057	240	330520	20.000	ng	#-0.01
86) Perylene-d12	15.551	264	339386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	665172	62.864	ng	0.02
7) Phenol-d6	6.522	99	789114	59.332	ng	0.00
23) Nitrobenzene-d5	7.451	82	1094511	87.194	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	248279	70.900	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1934473	82.160	ng	0.00
79) Terphenyl-d14	13.004	244	1846939	105.422	ng	0.00
Target Compounds						
31) Naphthalene	8.187	128	394354	11.328	ng	99
38) 1-Methylnaphthalene	8.975	142	48076	2.201	ng	99

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

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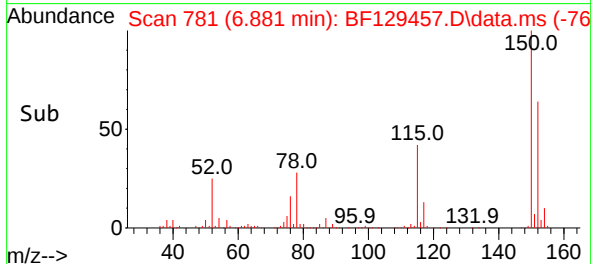
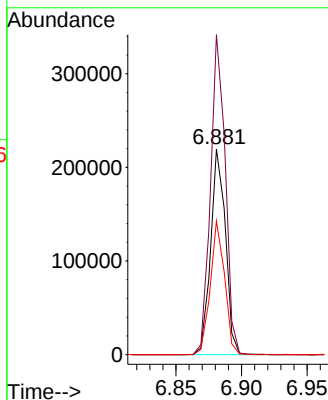
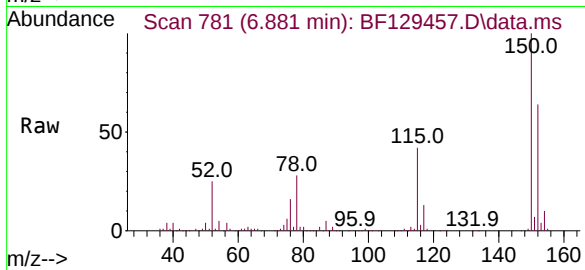




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 781
 Delta R.T. -0.005 min
 Lab File: BF129457.D
 Acq: 29 Jul 2022 23:29

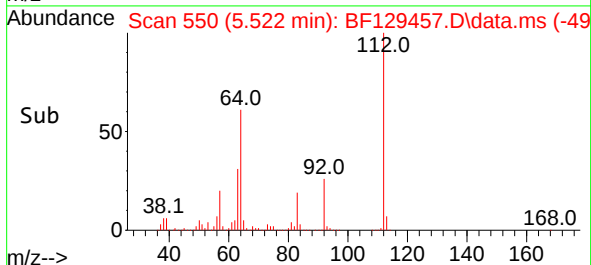
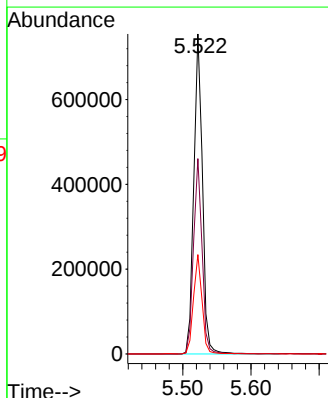
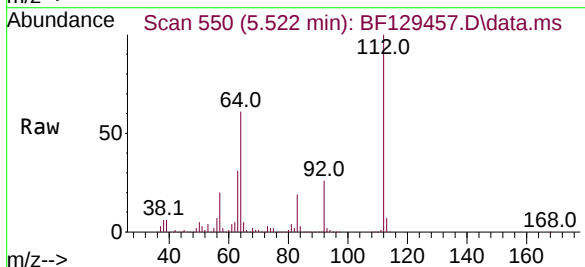
Instrument :
 BNA_F
 ClientSampleId :
 HMGP-SOIL-C

Tgt Ion:152 Resp: 172367
 Ion Ratio Lower Upper
 152 100
 150 155.7 123.7 185.5
 115 65.1 49.9 74.9



#5
 2-Fluorophenol
 Concen: 62.864 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.024 min
 Lab File: BF129457.D
 Acq: 29 Jul 2022 23:29

Tgt Ion:112 Resp: 665172
 Ion Ratio Lower Upper
 112 100
 64 61.0 53.3 79.9
 63 31.0 28.0 42.0

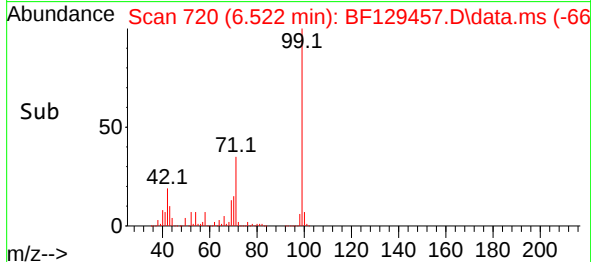
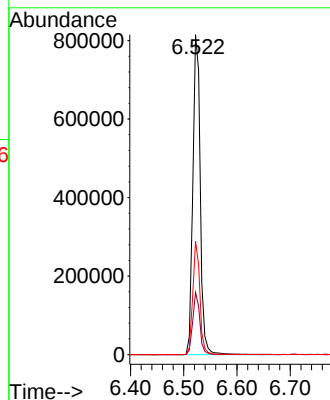
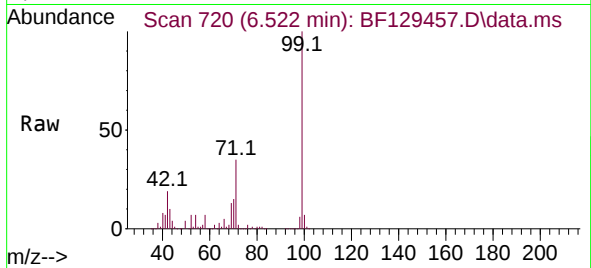




#7
Phenol-d6
Concen: 59.332 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129457.D
Acq: 29 Jul 2022 23:29

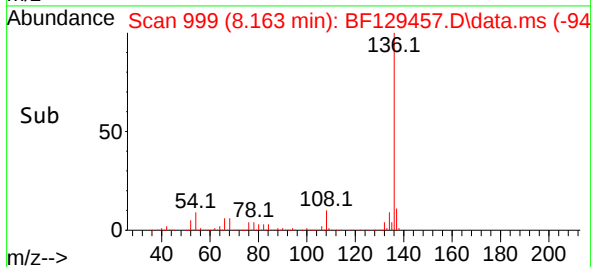
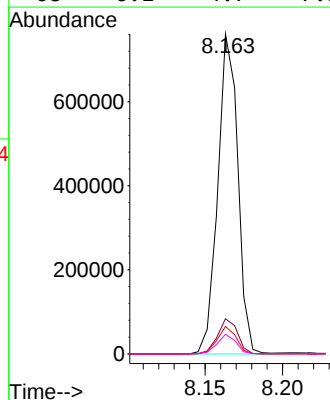
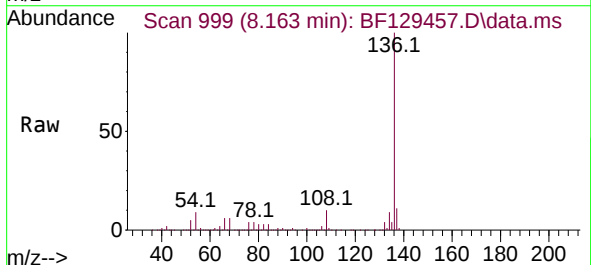
Instrument :
BNA_F
ClientSampleId :
HMGP-SOIL-C

Tgt Ion: 99 Resp: 789114
Ion Ratio Lower Upper
99 100
42 19.4 17.3 25.9
71 35.4 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF129457.D
Acq: 29 Jul 2022 23:29

Tgt Ion: 136 Resp: 685225
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.6 7.5 11.3
68 6.1 4.7 7.1

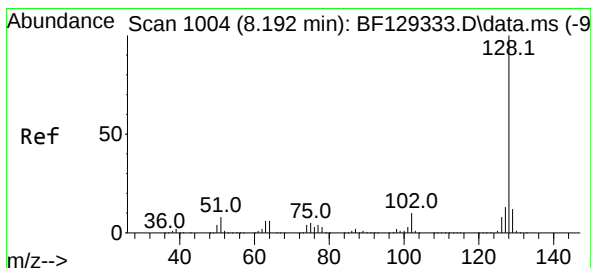
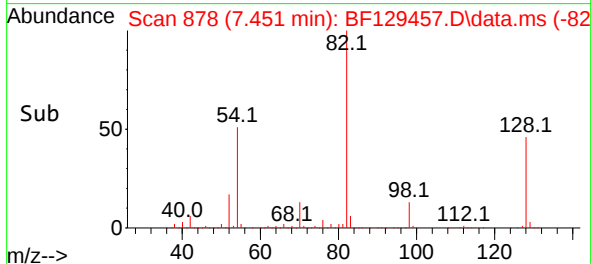
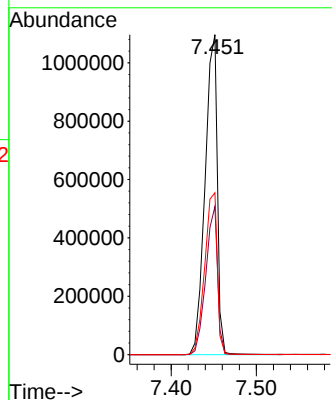
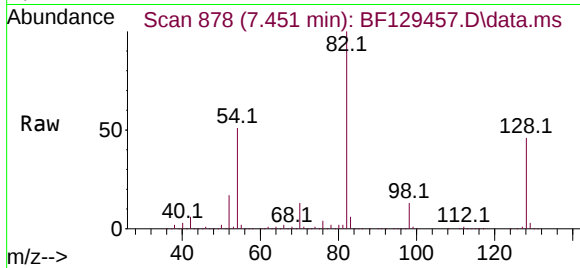




#23
Nitrobenzene-d5
Concen: 87.194 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129457.D
Acq: 29 Jul 2022 23:29

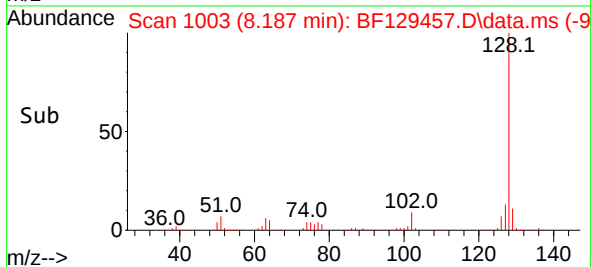
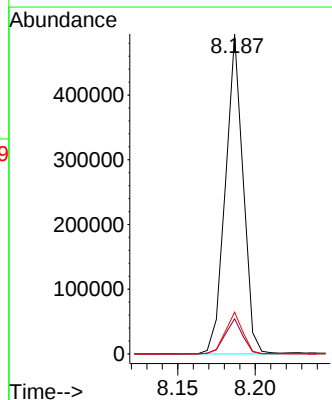
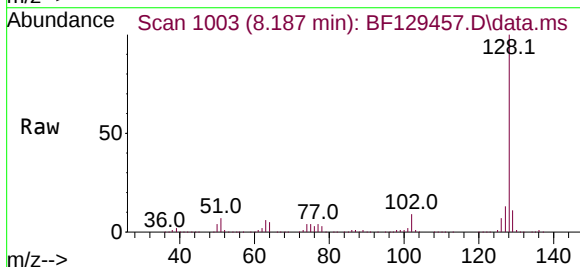
Instrument :
BNA_F
ClientSampleId :
HMGP-SOIL-C

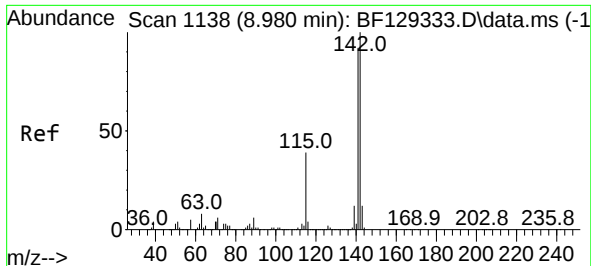
Tgt Ion: 82 Resp: 1094511
Ion Ratio Lower Upper
82 100
128 46.3 34.0 51.0
54 50.6 46.9 70.3



#31
Naphthalene
Concen: 11.328 ng
RT: 8.187 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129457.D
Acq: 29 Jul 2022 23:29

Tgt Ion: 128 Resp: 394354
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.0 10.5 15.7

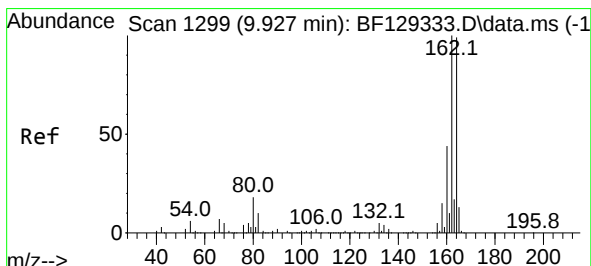
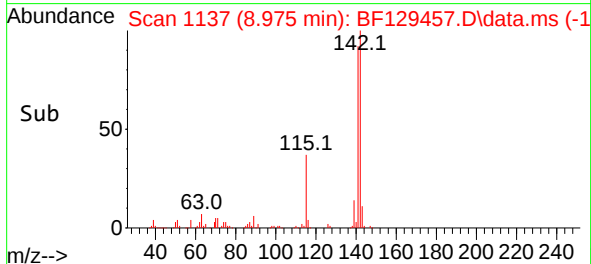
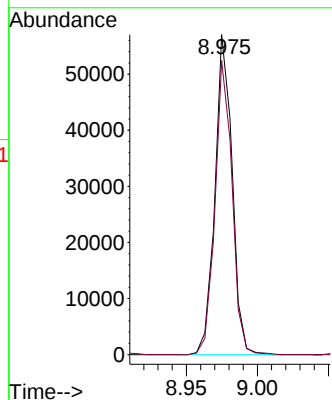
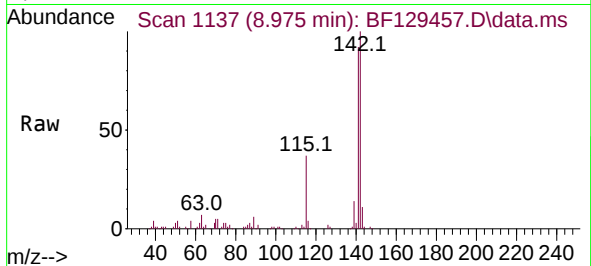




#38
1-Methylnaphthalene
Concen: 2.201 ng
RT: 8.975 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BF129457.D
Acq: 29 Jul 2022 23:29

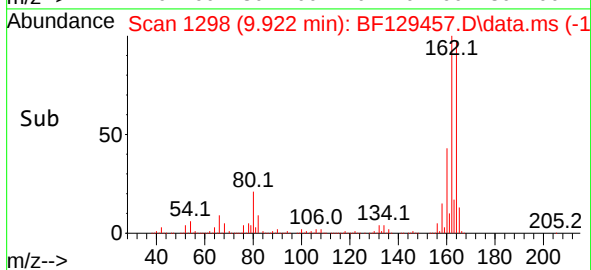
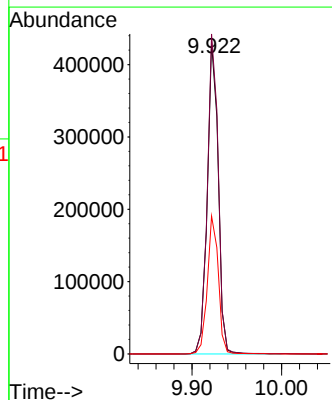
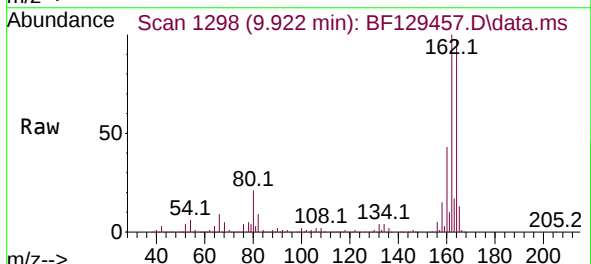
Instrument :
BNA_F
ClientSampleId :
HMGP-SOIL-C

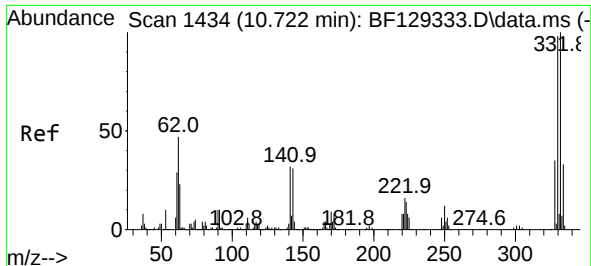
Tgt Ion:142 Resp: 48076
Ion Ratio Lower Upper
142 100
141 91.9 74.2 111.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF129457.D
Acq: 29 Jul 2022 23:29

Tgt Ion:164 Resp: 364233
Ion Ratio Lower Upper
164 100
162 102.8 79.5 119.3
160 44.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 70.900 ng

RT: 10.716 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129457.D

Acq: 29 Jul 2022 23:29

Instrument :

BNA_F

ClientSampleId :

HMGP-SOIL-C

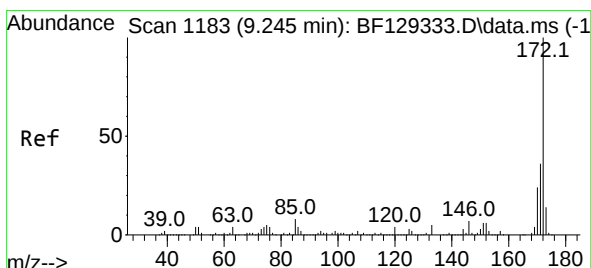
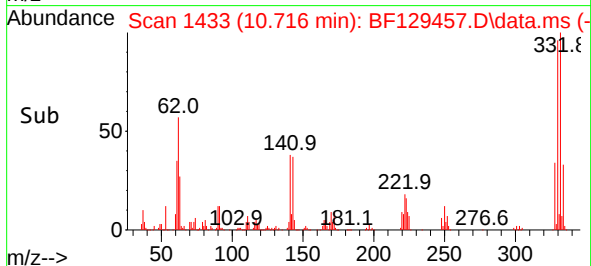
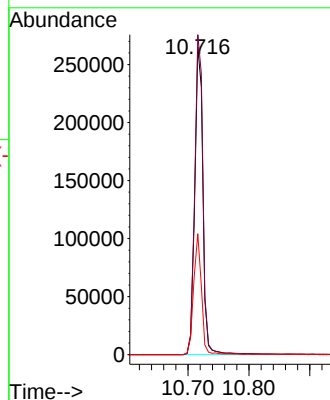
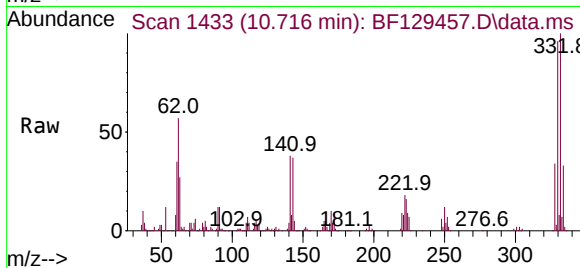
Tgt Ion:330 Resp: 248279

Ion Ratio Lower Upper

330 100

332 104.8 76.8 115.2

141 37.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 82.160 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129457.D

Acq: 29 Jul 2022 23:29

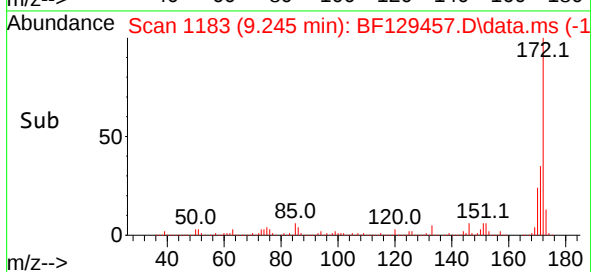
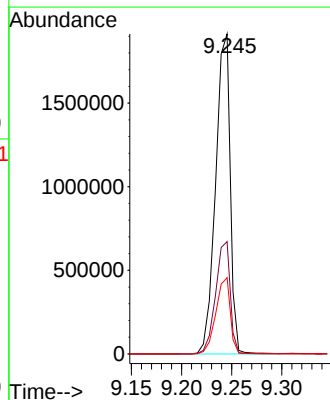
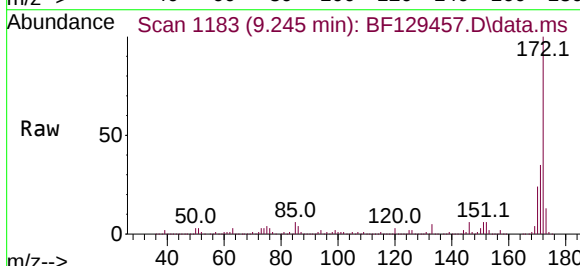
Tgt Ion:172 Resp: 1934473

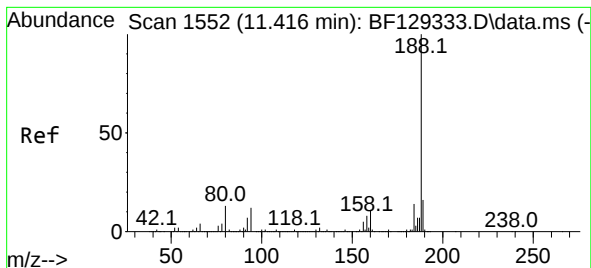
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.8 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129457.D

Acq: 29 Jul 2022 23:29

Instrument :

BNA_F

ClientSampleId :

HMGP-SOIL-C

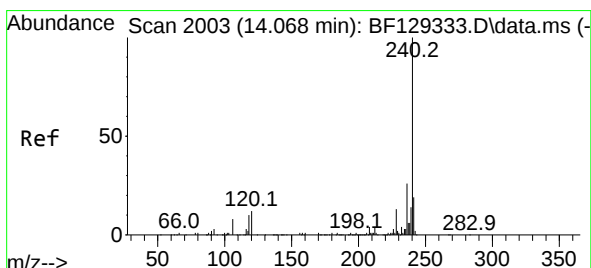
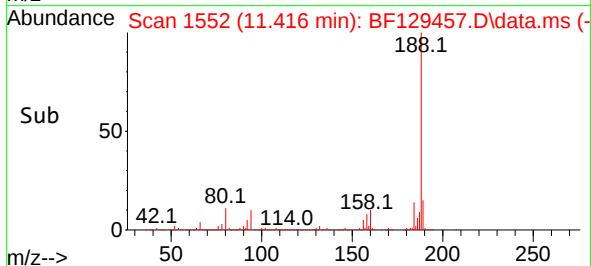
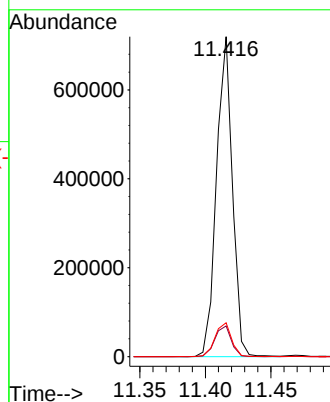
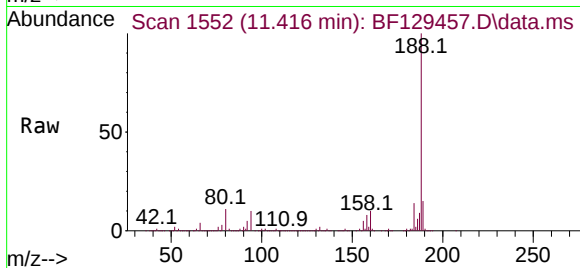
Tgt Ion:188 Resp: 608660

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.6

80 10.6 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2001

Delta R.T. -0.012 min

Lab File: BF129457.D

Acq: 29 Jul 2022 23:29

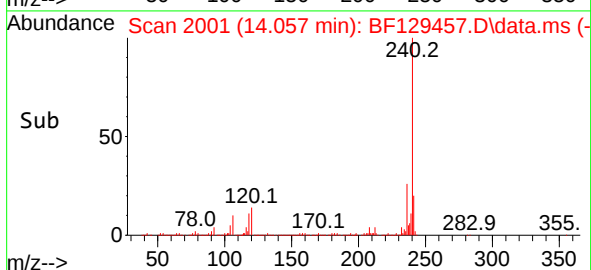
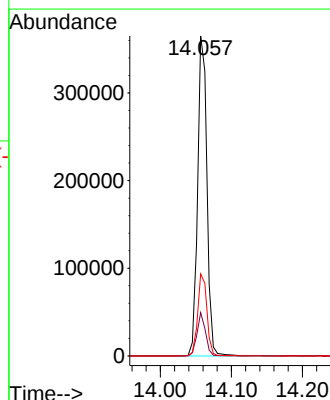
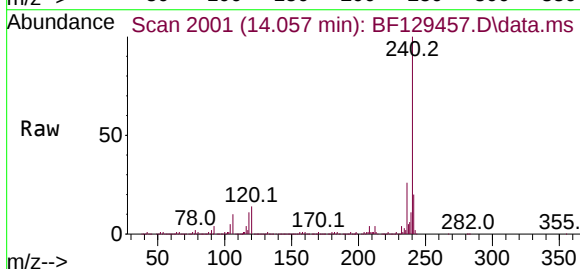
Tgt Ion:240 Resp: 330520

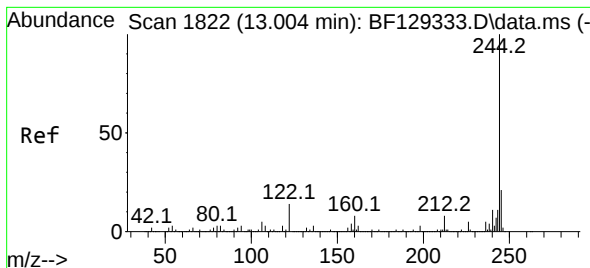
Ion Ratio Lower Upper

240 100

120 13.5 8.9 13.3#

236 25.6 20.8 31.2





#79

Terphenyl-d14

Concen: 105.422 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF129457.D

Acq: 29 Jul 2022 23:29

Instrument :

BNA_F

ClientSampleId :

HMGP-SOIL-C

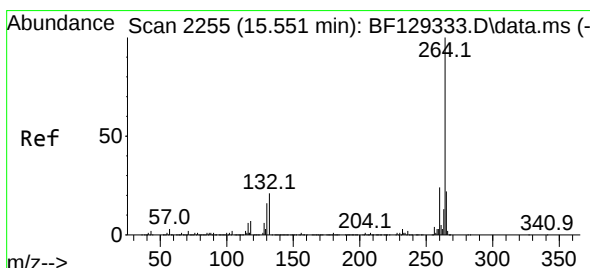
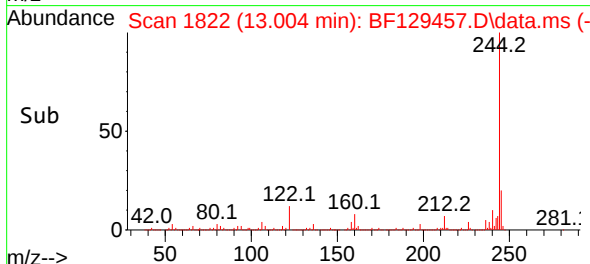
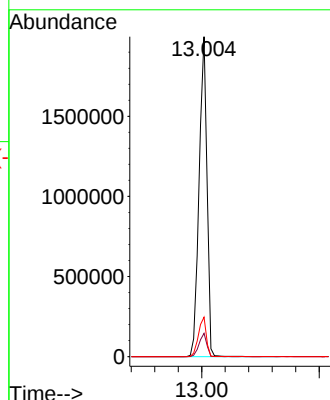
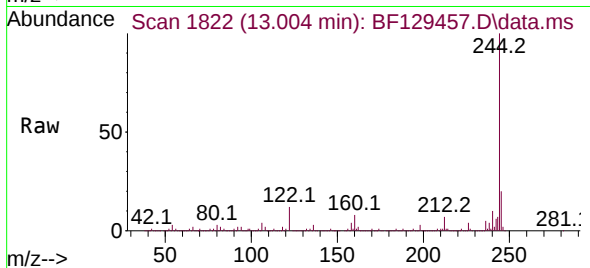
Tgt Ion:244 Resp: 1846939

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 12.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2255

Delta R.T. 0.000 min

Lab File: BF129457.D

Acq: 29 Jul 2022 23:29

Tgt Ion:264 Resp: 339386

Ion Ratio Lower Upper

264 100

260 24.0 18.4 27.6

265 22.7 17.2 25.8

