

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072922\
 Data File : BF129456.D
 Acq On : 29 Jul 2022 22:56
 Operator : CG\JU
 Sample : N3964-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HMGP-SOIL-B

Quant Time: Jul 30 01:11:50 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)

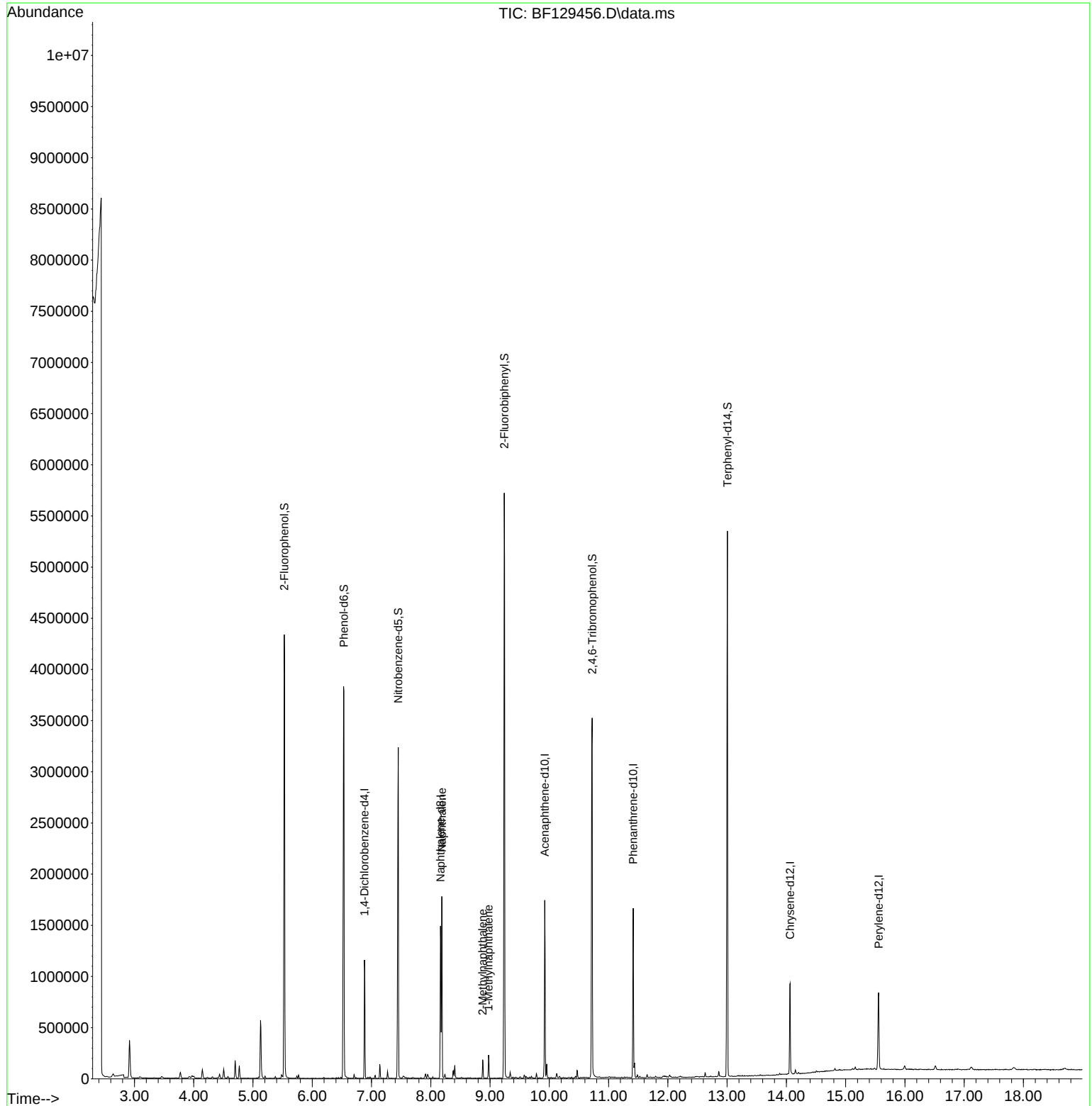
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	166338	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	652337	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	347694	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	561235	20.000	ng	0.00
76) Chrysene-d12	14.063	240	307813	20.000	ng	0.00
86) Perylene-d12	15.557	264	336139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1244604	121.888	ng	0.03
7) Phenol-d6	6.534	99	1446161	112.676	ng	0.02
23) Nitrobenzene-d5	7.451	82	1075535	90.002	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	430992	128.931	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1867389	83.083	ng	0.00
79) Terphenyl-d14	13.004	244	1745677	106.992	ng	0.00
Target Compounds						
31) Naphthalene	8.187	128	670820	20.240	ng	Qvalue 99
37) 2-Methylnaphthalene	8.875	142	45449	2.110	ng	100
38) 1-Methylnaphthalene	8.975	142	56387	2.712	ng	99

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

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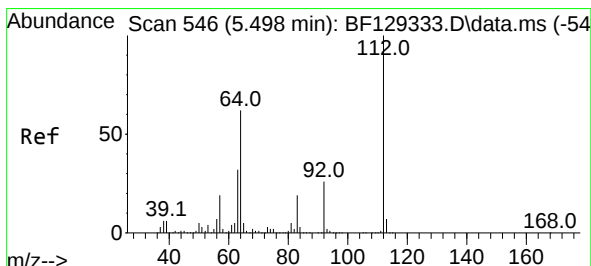
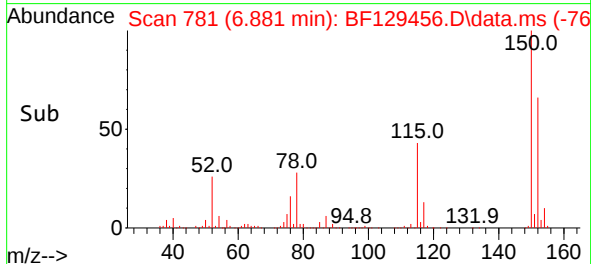
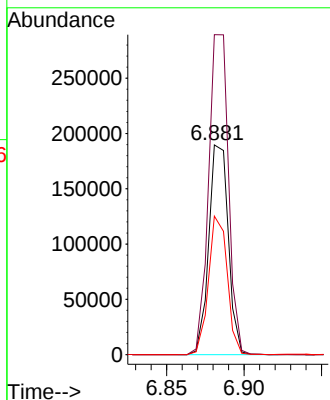
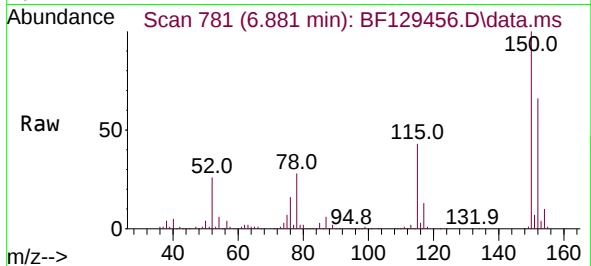




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 781
 Delta R.T. -0.005 min
 Lab File: BF129456.D
 Acq: 29 Jul 2022 22:56

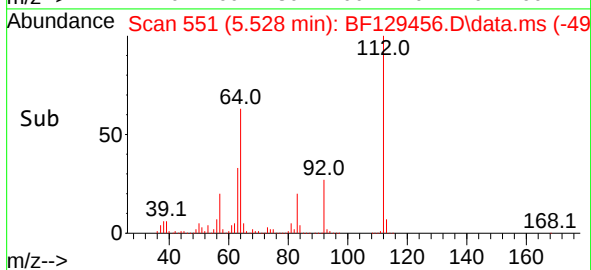
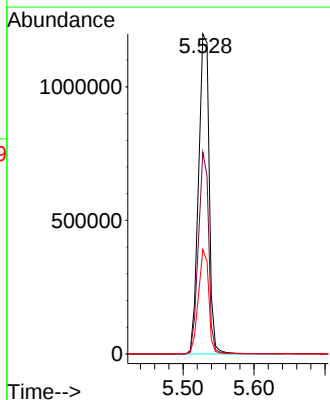
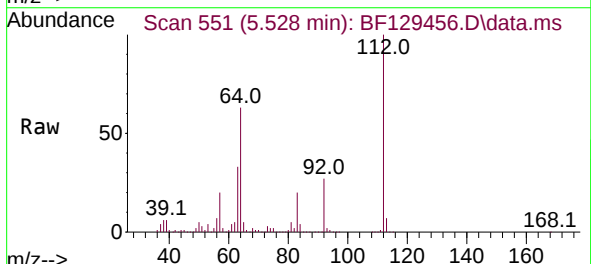
Instrument :
 BNA_F
 ClientSampleId :
 HMGP-SOIL-B

Tgt Ion:152 Resp: 166338
 Ion Ratio Lower Upper
 152 100
 150 152.6 123.7 185.5
 115 66.0 49.9 74.9



#5
 2-Fluorophenol
 Concen: 121.888 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.030 min
 Lab File: BF129456.D
 Acq: 29 Jul 2022 22:56

Tgt Ion:112 Resp: 1244604
 Ion Ratio Lower Upper
 112 100
 64 63.0 53.3 79.9
 63 32.6 28.0 42.0

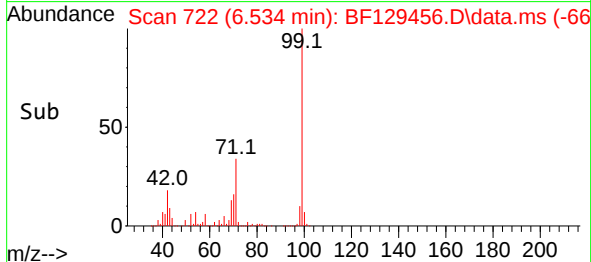
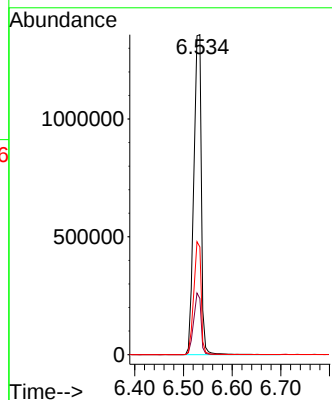
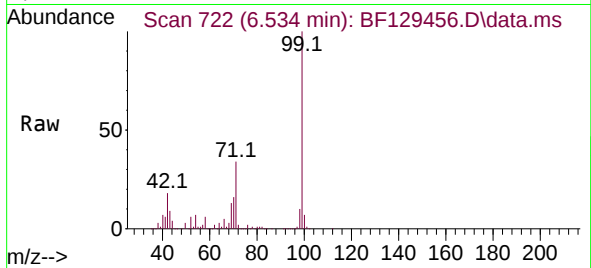




#7
Phenol-d6
Concen: 112.676 ng
RT: 6.534 min Scan# 719
Delta R.T. 0.018 min
Lab File: BF129456.D
Acq: 29 Jul 2022 22:56

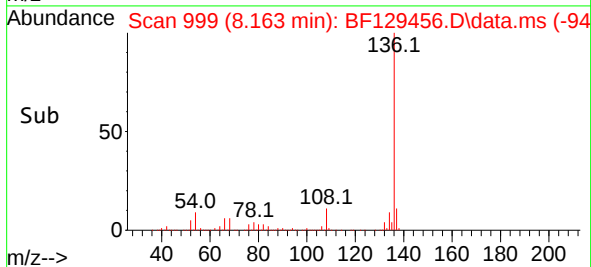
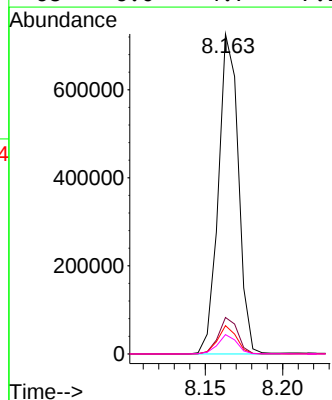
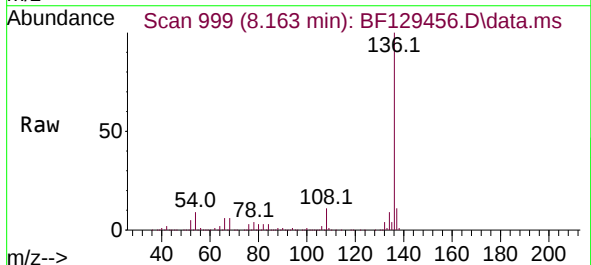
Instrument :
BNA_F
ClientSampleId :
HMGP-SOIL-B

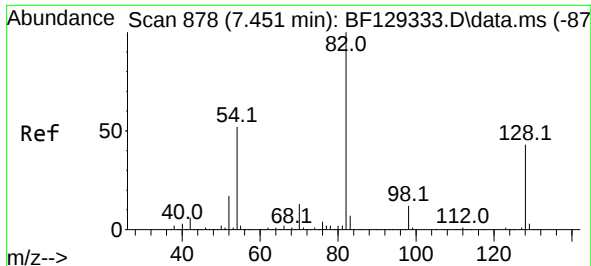
Tgt Ion: 99 Resp: 1446161
Ion Ratio Lower Upper
99 100
42 17.5 17.3 25.9
71 33.7 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF129456.D
Acq: 29 Jul 2022 22:56

Tgt Ion: 136 Resp: 652337
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 8.8 7.5 11.3
68 6.0 4.7 7.1

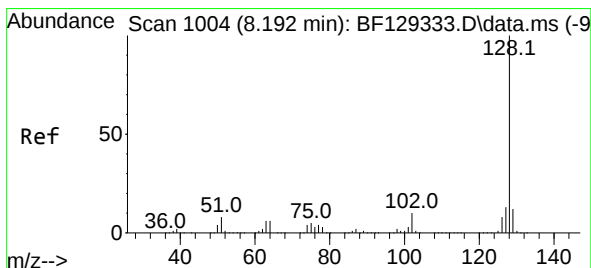
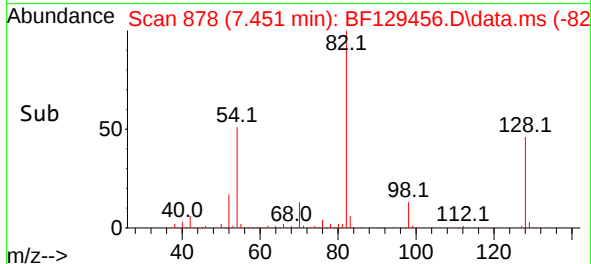
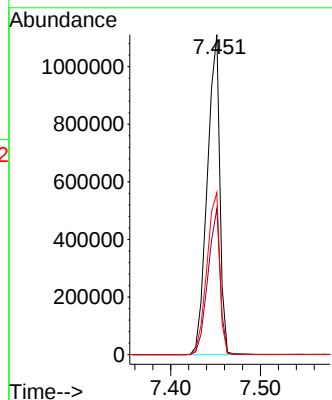
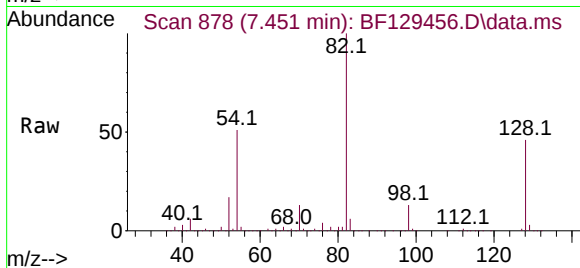




#23
Nitrobenzene-d5
Concen: 90.002 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF129456.D
Acq: 29 Jul 2022 22:56

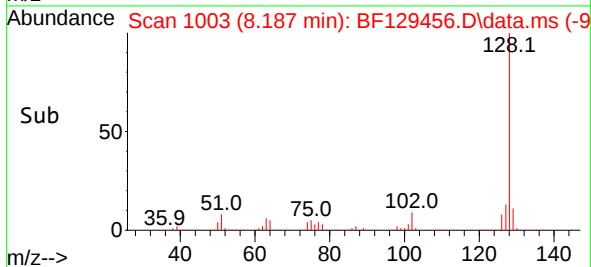
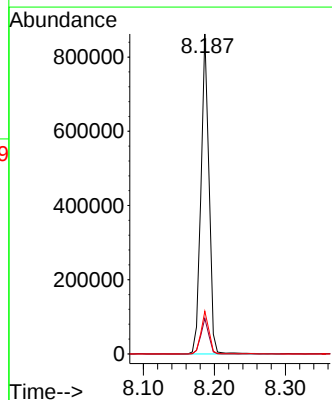
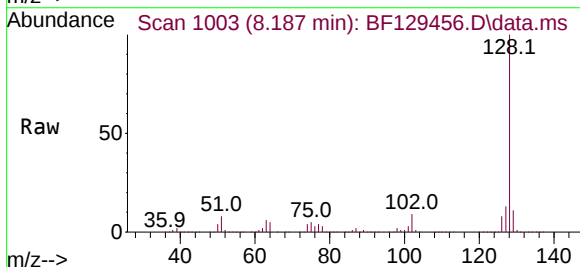
Instrument :
BNA_F
ClientSampleId :
HMGP-SOIL-B

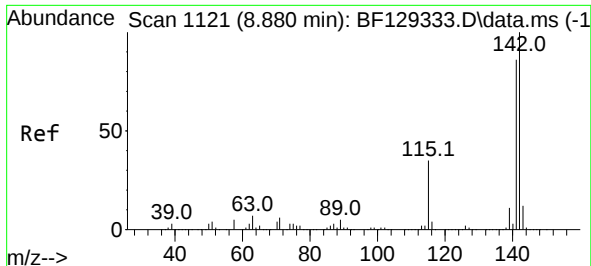
Tgt Ion: 82 Resp: 1075535
Ion Ratio Lower Upper
82 100
128 45.6 34.0 51.0
54 50.6 46.9 70.3



#31
Naphthalene
Concen: 20.240 ng
RT: 8.187 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129456.D
Acq: 29 Jul 2022 22:56

Tgt Ion: 128 Resp: 670820
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.3 10.5 15.7





#37

2-Methylnaphthalene

Concen: 2.110 ng

RT: 8.875 min Scan# 1121

Delta R.T. -0.006 min

Lab File: BF129456.D

Acq: 29 Jul 2022 22:56

Instrument :

BNA_F

ClientSampleId :

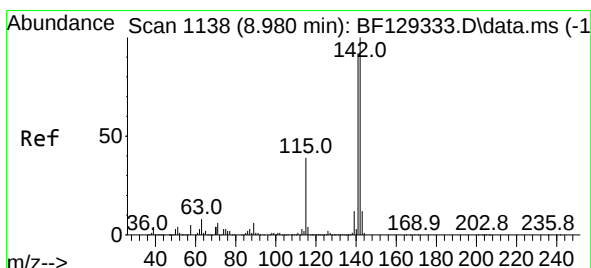
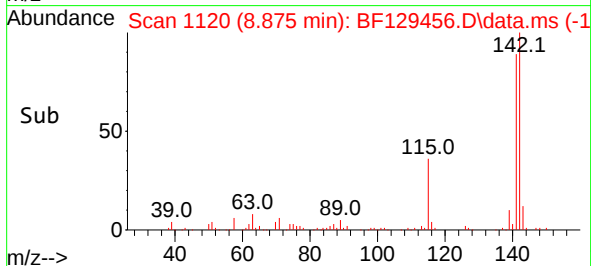
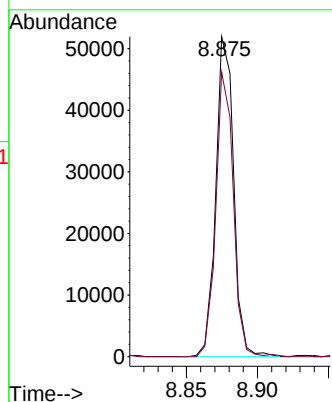
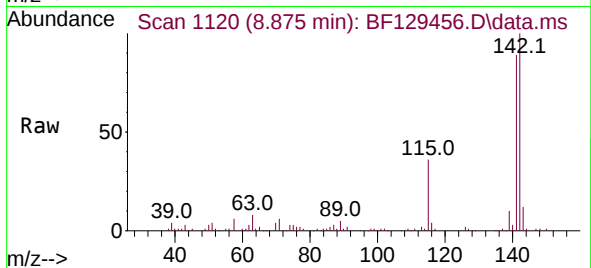
HMGP-SOIL-B

Tgt Ion:142 Resp: 45449

Ion Ratio Lower Upper

142 100

141 88.9 71.0 106.4



#38

1-Methylnaphthalene

Concen: 2.712 ng

RT: 8.975 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF129456.D

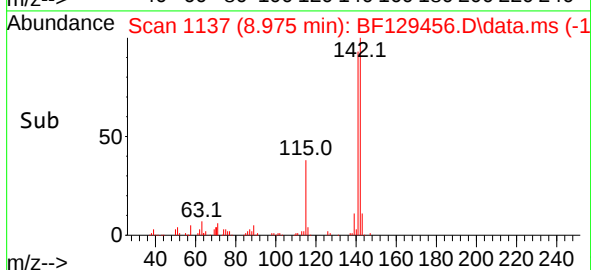
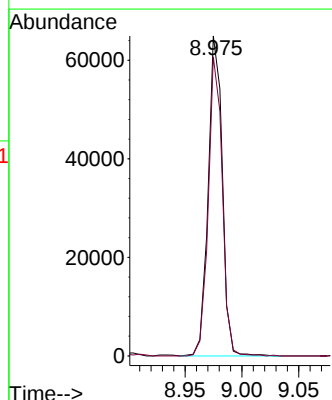
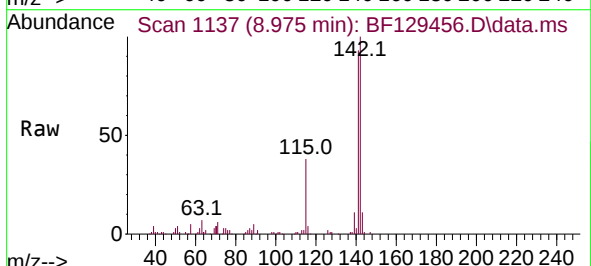
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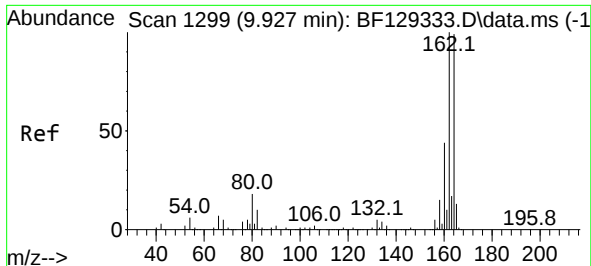
Tgt Ion:142 Resp: 56387

Ion Ratio Lower Upper

142 100

141 93.5 74.2 111.4

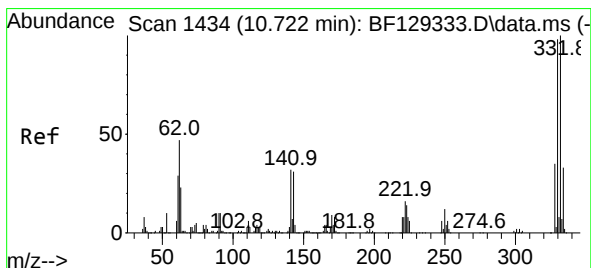
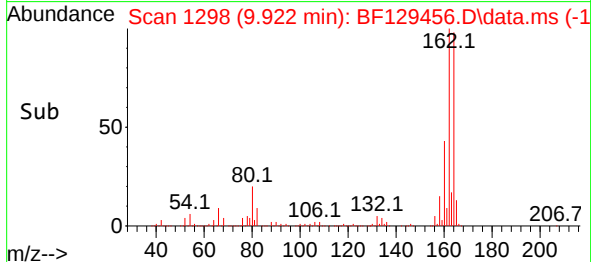
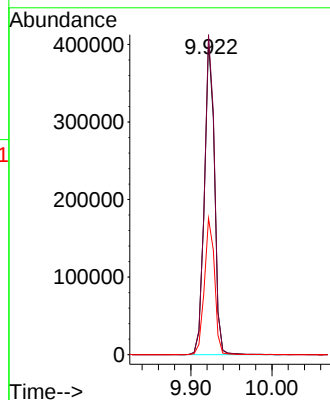
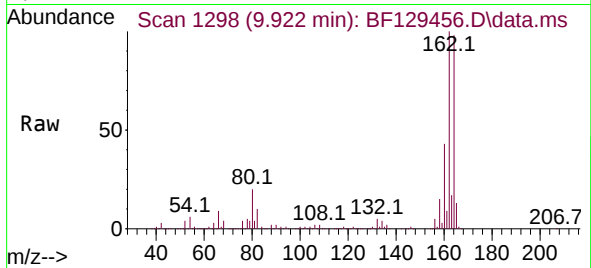




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF129456.D
Acq: 29 Jul 2022 22:56

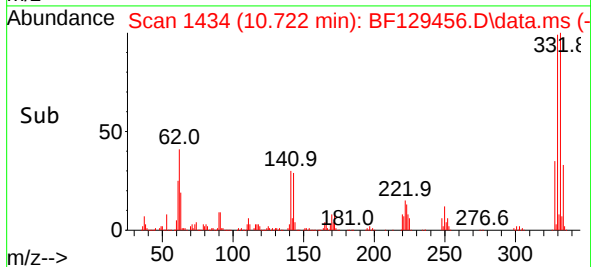
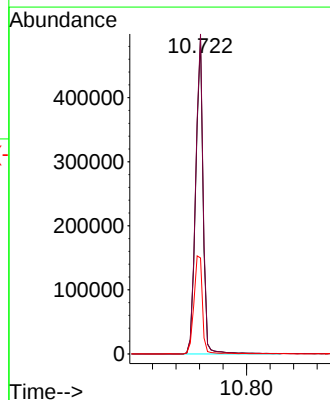
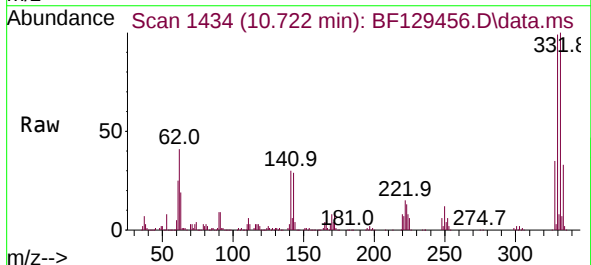
Instrument :
BNA_F
ClientSampleId :
HMGP-SOIL-B

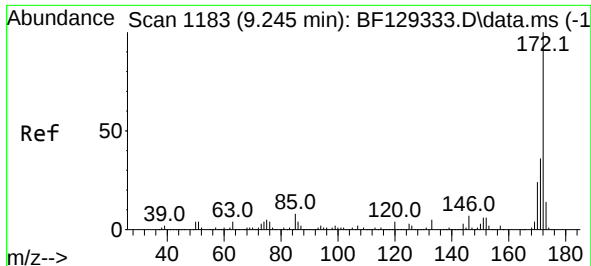
Tgt Ion:164 Resp: 347694
Ion Ratio Lower Upper
164 100
162 101.9 79.5 119.3
160 43.4 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 128.931 ng
RT: 10.722 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF129456.D
Acq: 29 Jul 2022 22:56

Tgt Ion:330 Resp: 430992
Ion Ratio Lower Upper
330 100
332 102.2 76.8 115.2
141 35.5 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 83.083 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF129456.D

Acq: 29 Jul 2022 22:56

Instrument :

BNA_F

ClientSampleId :

HMGP-SOIL-B

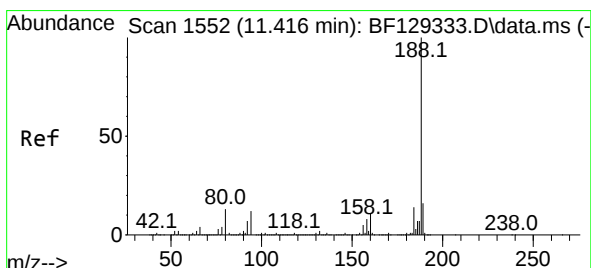
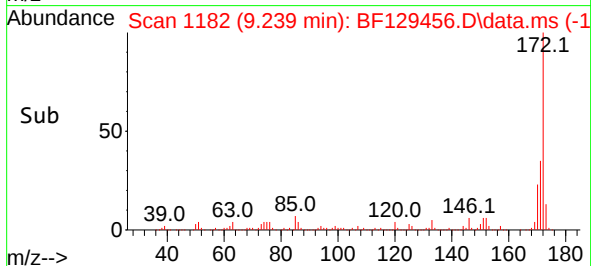
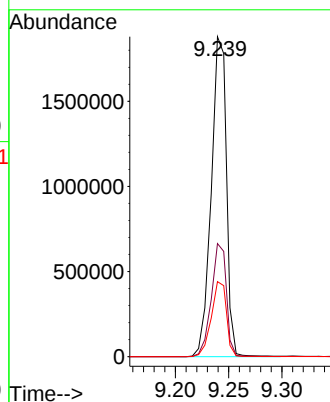
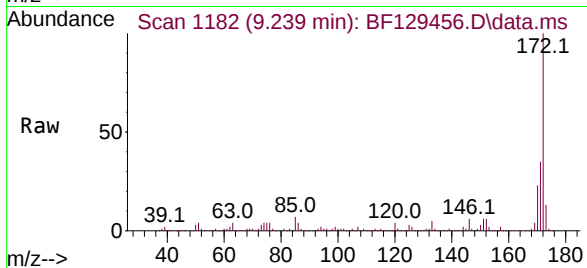
Tgt Ion:172 Resp: 1867389

Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.4 19.8 29.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1552

Delta R.T. 0.000 min

Lab File: BF129456.D

Acq: 29 Jul 2022 22:56

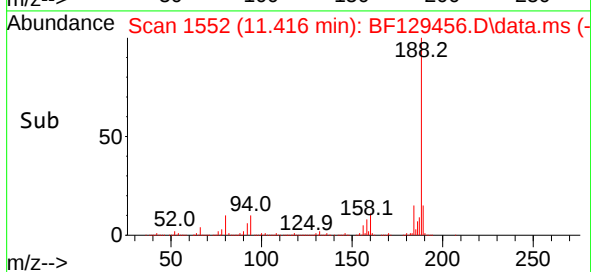
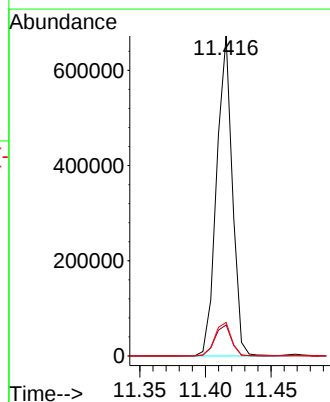
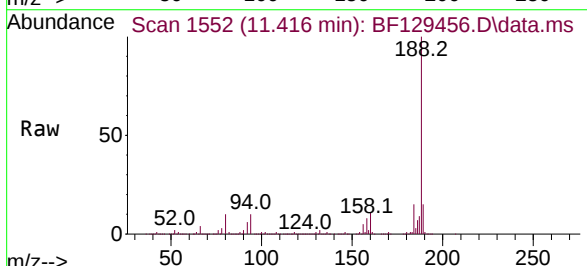
Tgt Ion:188 Resp: 561235

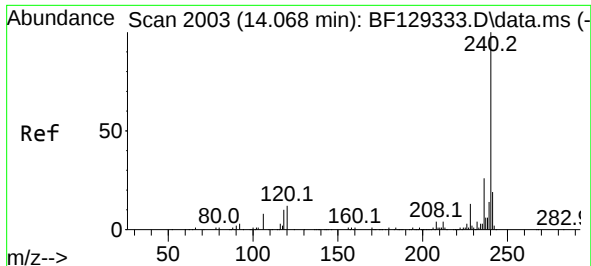
Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

80 10.5 7.6 11.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BF129456.D

Acq: 29 Jul 2022 22:56

Instrument :

BNA_F

ClientSampleId :

HMGP-SOIL-B

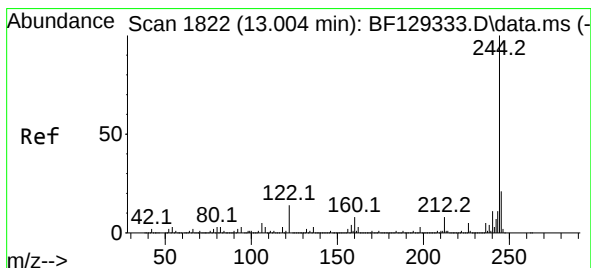
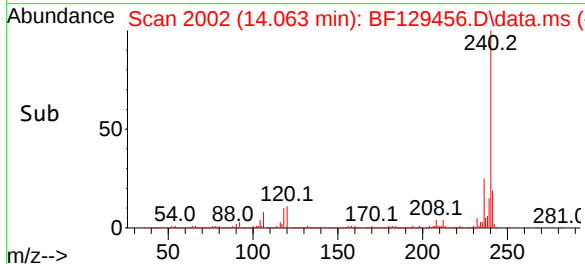
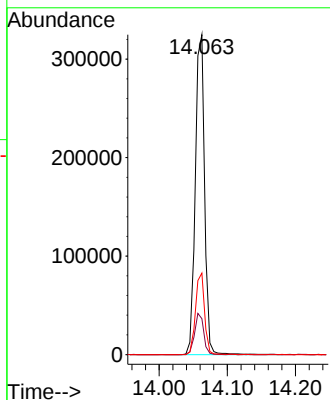
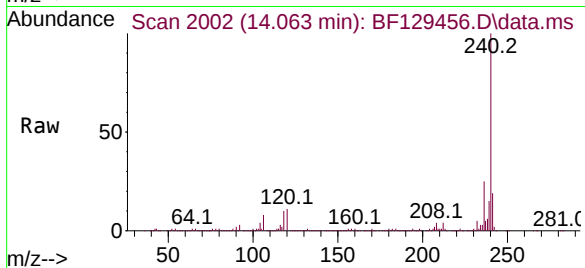
Tgt Ion:240 Resp: 307813

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 25.5 20.8 31.2



#79

Terphenyl-d14

Concen: 106.992 ng

RT: 13.004 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF129456.D

Acq: 29 Jul 2022 22:56

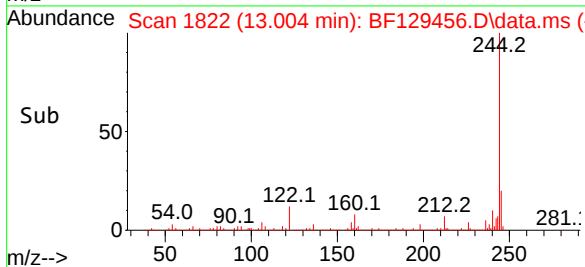
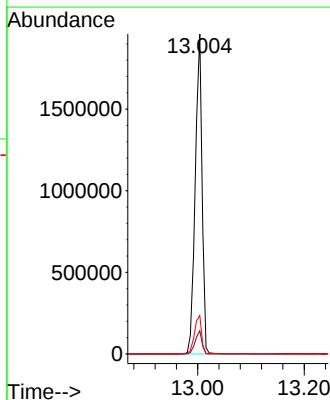
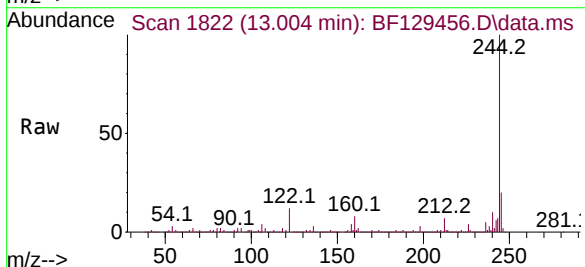
Tgt Ion:244 Resp: 1745677

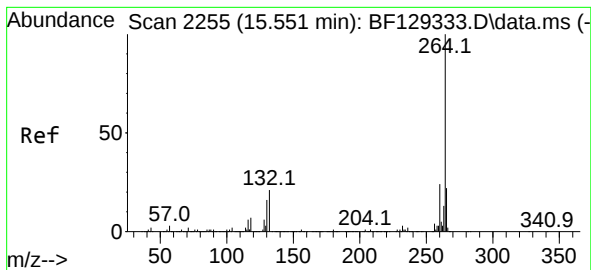
Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 12.0 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF129456.D

Acq: 29 Jul 2022 22:56

Instrument :

BNA_F

ClientSampleId :

HMGP-SOIL-B

Tgt Ion:264 Resp: 336139

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.3 17.2 25.8

