

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081122\
 Data File : BF129725.D
 Acq On : 11 Aug 2022 20:34
 Operator : CG\JU
 Sample : N4107-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE

Quant Time: Aug 12 00:03:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 11 23:50:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	158997	20.000	ng	-0.01
21) Naphthalene-d8	8.110	136	640127	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	330161	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	502792	20.000	ng	#-0.01
76) Chrysene-d12	14.004	240	271033	20.000	ng	-0.02
86) Perylene-d12	15.480	264	303311	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1200404	122.987	ng	0.00
7) Phenol-d6	6.487	99	1534332	125.065	ng	0.00
23) Nitrobenzene-d5	7.398	82	975604	83.197	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	343691	108.275	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	1780787	83.438	ng	-0.01
79) Terphenyl-d14	12.945	244	1339155	93.215	ng	-0.01

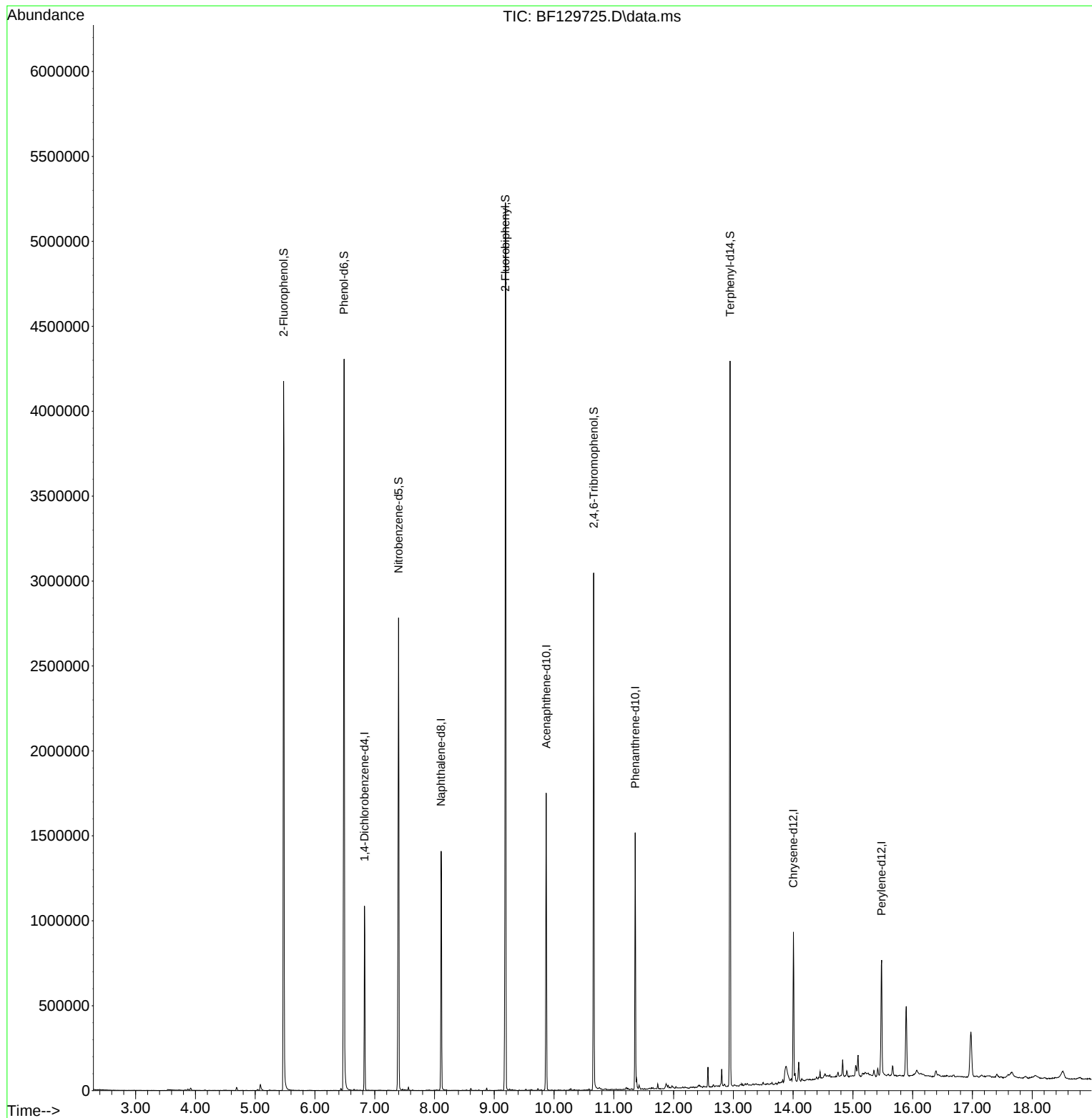
Target Compounds	Qvalue

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

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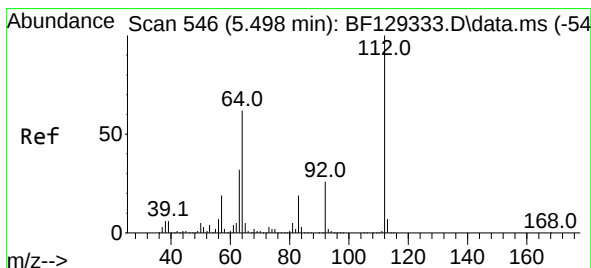
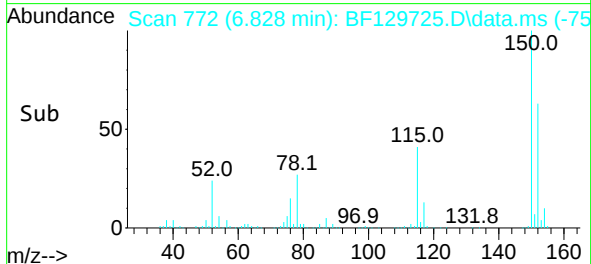
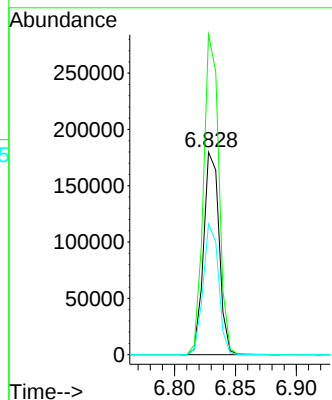
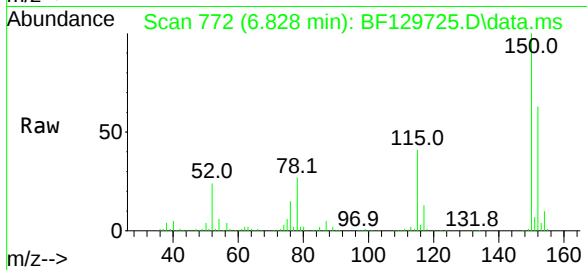




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129725.D
Acq: 11 Aug 2022 20:34

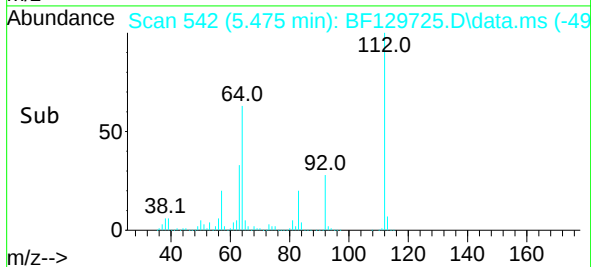
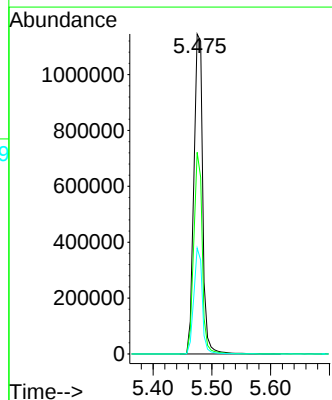
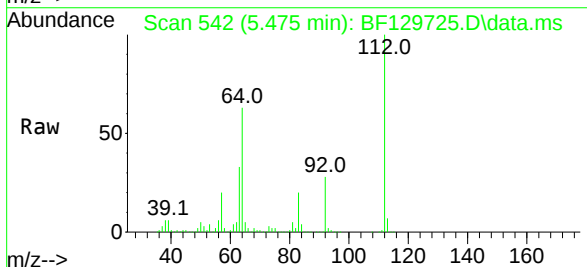
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE

Tgt Ion:152 Resp: 158997
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 64.5 49.9 74.9



#5
2-Fluorophenol
Concen: 122.987 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF129725.D
Acq: 11 Aug 2022 20:34

Tgt Ion:112 Resp: 1200404
Ion Ratio Lower Upper
112 100
64 63.0 53.3 79.9
63 33.1 28.0 42.0

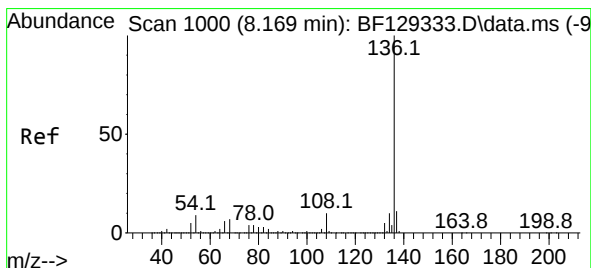
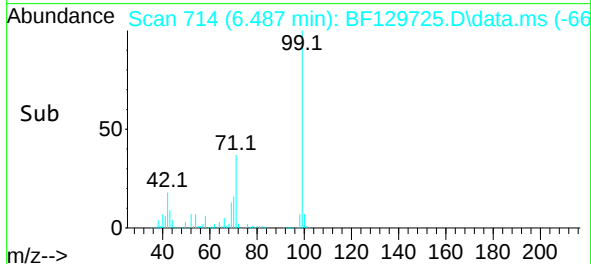
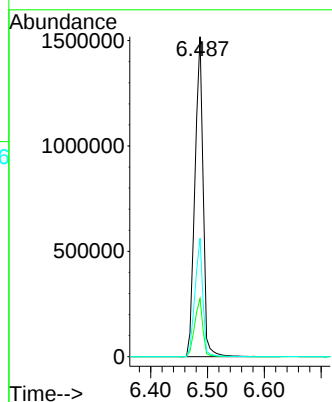
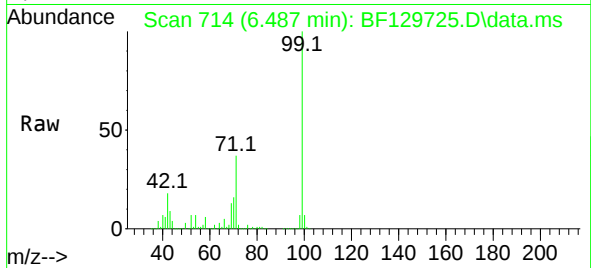




#7
Phenol-d6
Concen: 125.065 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF129725.D
Acq: 11 Aug 2022 20:34

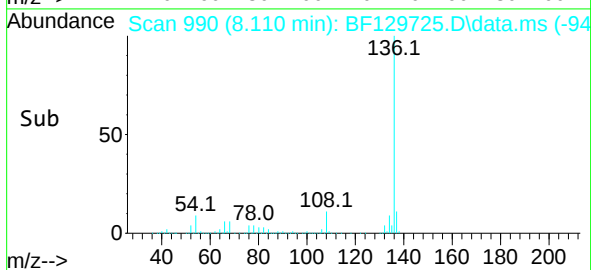
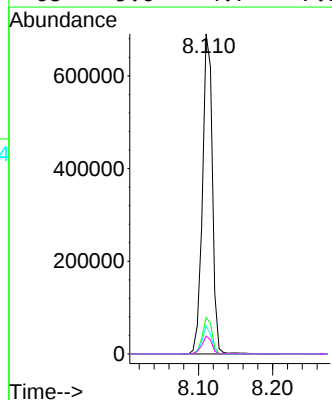
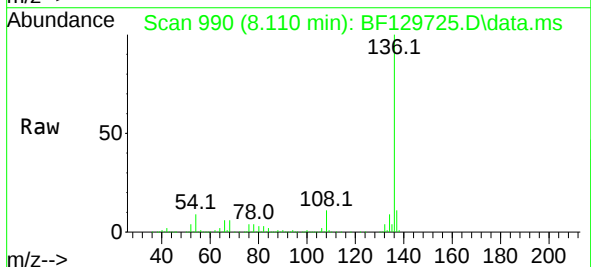
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE

Tgt Ion: 99 Resp: 1534332
Ion Ratio Lower Upper
99 100
42 18.2 17.3 25.9
71 37.0 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.012 min
Lab File: BF129725.D
Acq: 11 Aug 2022 20:34

Tgt Ion: 136 Resp: 640127
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.6 7.5 11.3
68 5.6 4.7 7.1

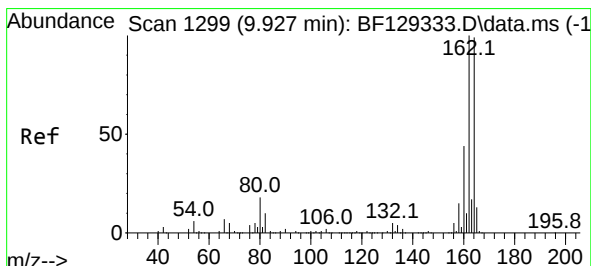
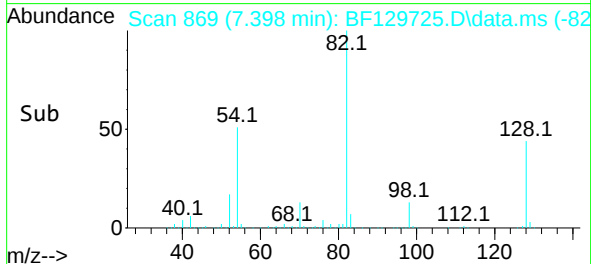
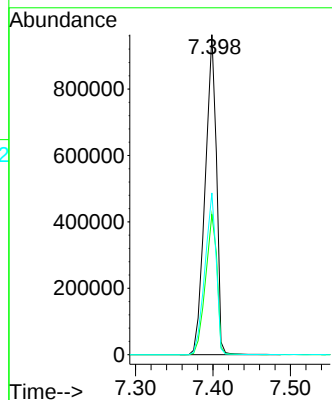
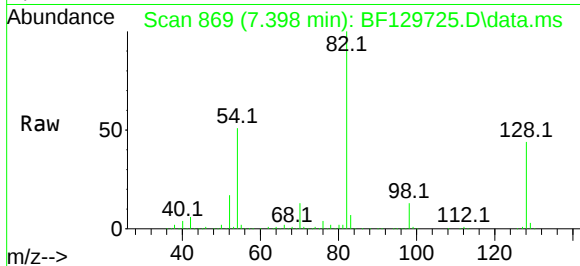




#23
Nitrobenzene-d5
Concen: 83.197 ng
RT: 7.398 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF129725.D
Acq: 11 Aug 2022 20:34

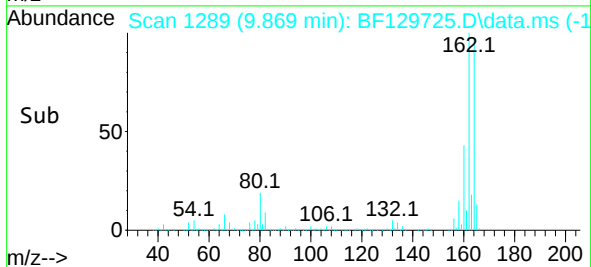
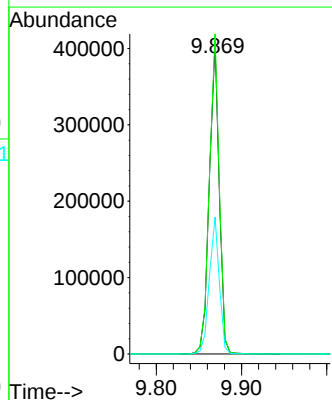
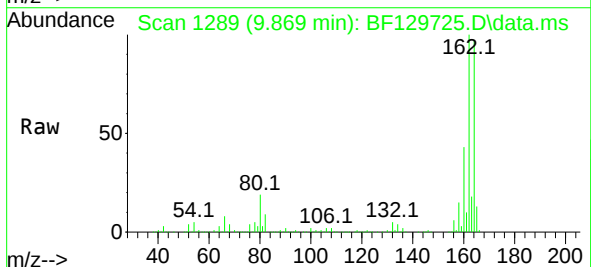
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE

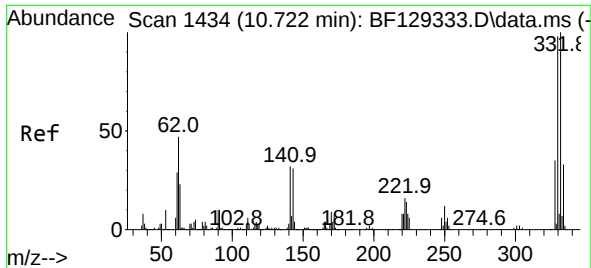
Tgt Ion: 82 Resp: 975604
Ion Ratio Lower Upper
82 100
128 43.8 34.0 51.0
54 50.5 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF129725.D
Acq: 11 Aug 2022 20:34

Tgt Ion: 164 Resp: 330161
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 43.9 34.2 51.4

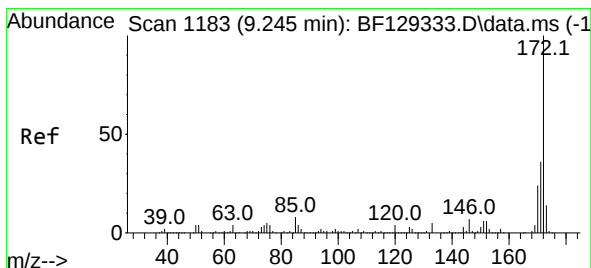
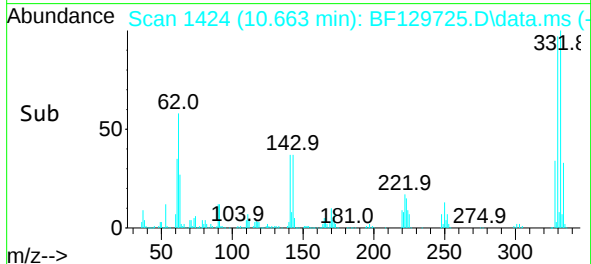
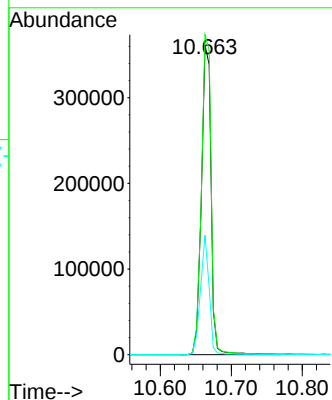
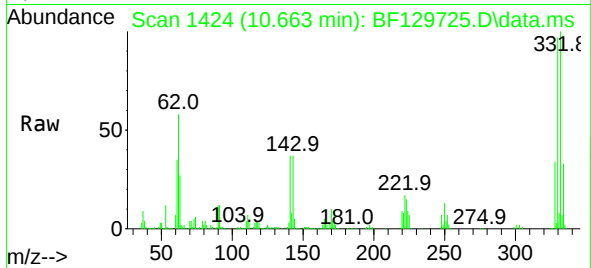




#42
 2,4,6-Tribromophenol
 Concen: 108.275 ng
 RT: 10.663 min Scan# 1434
 Delta R.T. -0.012 min
 Lab File: BF129725.D
 Acq: 11 Aug 2022 20:34

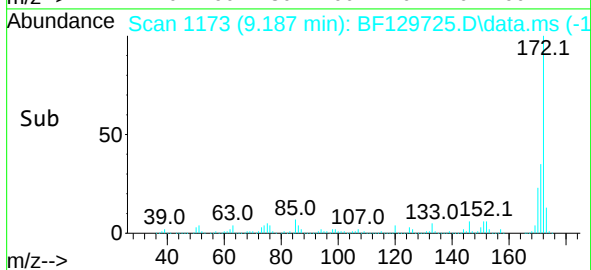
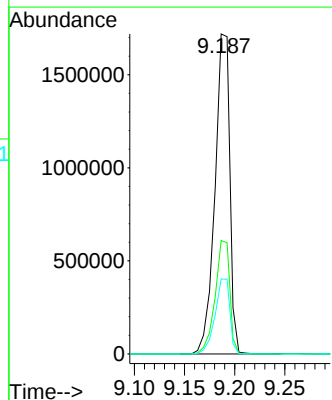
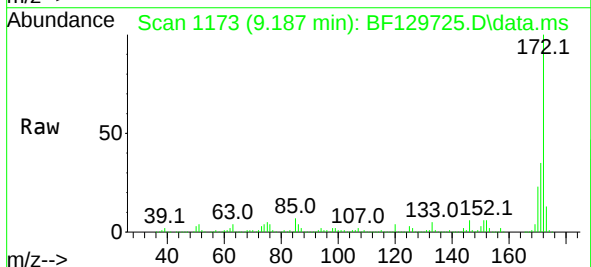
Instrument :
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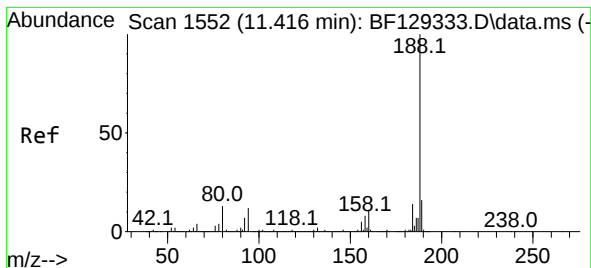
Tgt Ion:330 Resp: 343691
 Ion Ratio Lower Upper
 330 100
 332 104.0 76.8 115.2
 141 35.2 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 83.438 ng
 RT: 9.187 min Scan# 1173
 Delta R.T. -0.012 min
 Lab File: BF129725.D
 Acq: 11 Aug 2022 20:34

Tgt Ion:172 Resp: 1780787
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.8 43.2
 170 23.5 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF129725.D

Acq: 11 Aug 2022 20:34

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE

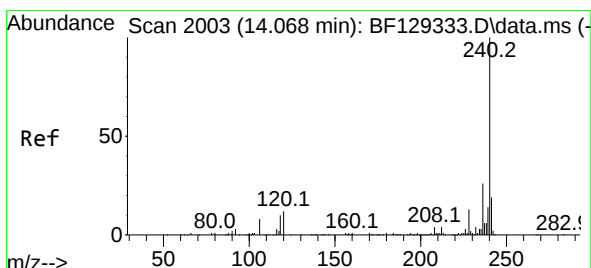
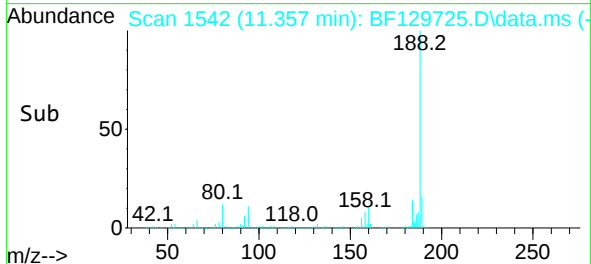
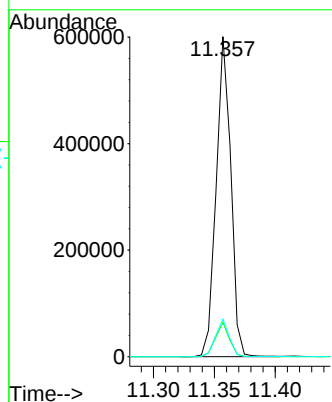
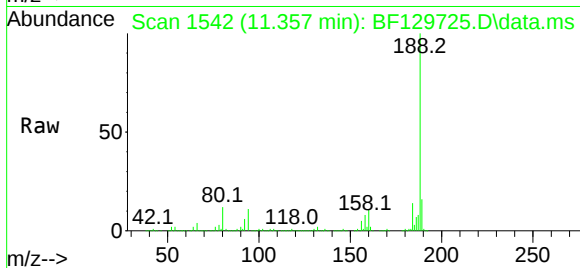
Tgt Ion:188 Resp: 502792

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 11.7 7.6 11.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1992

Delta R.T. -0.018 min

Lab File: BF129725.D

Acq: 11 Aug 2022 20:34

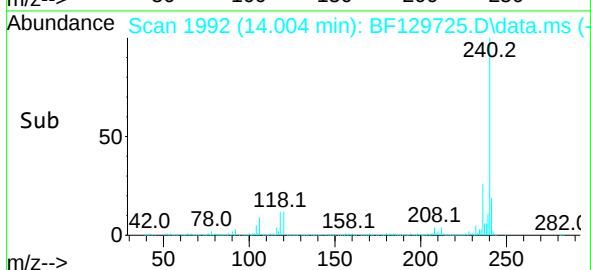
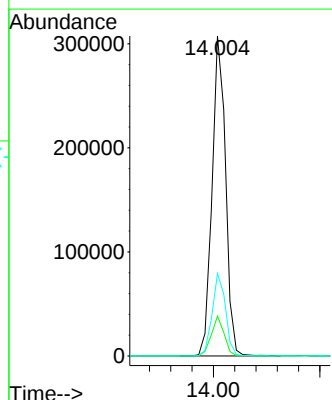
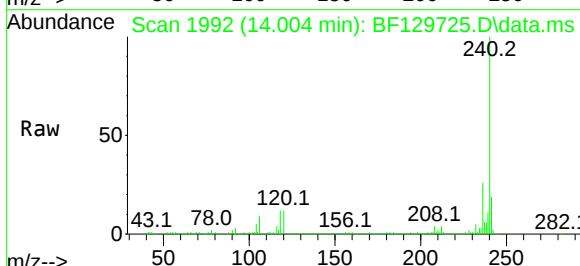
Tgt Ion:240 Resp: 271033

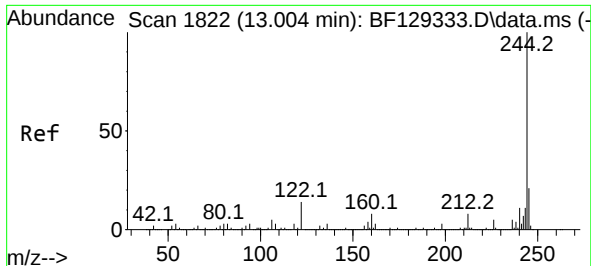
Ion Ratio Lower Upper

240 100

120 12.4 8.9 13.3

236 25.8 20.8 31.2

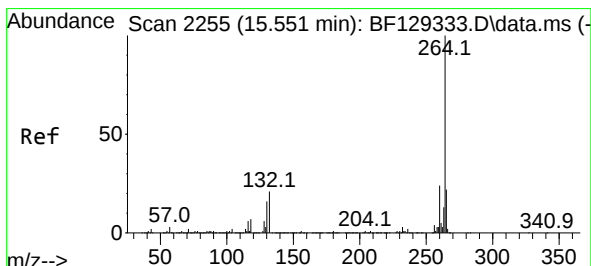
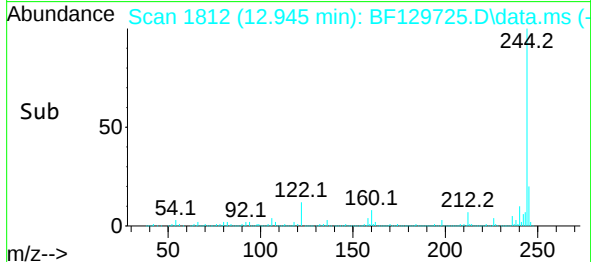
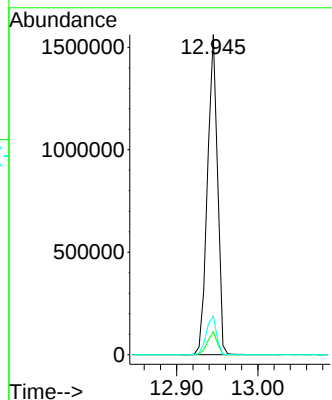
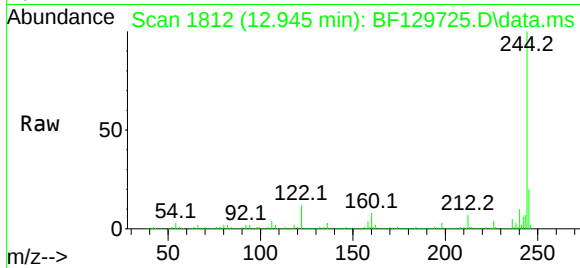




#79
 Terphenyl-d14
 Concen: 93.215 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF129725.D
 Acq: 11 Aug 2022 20:34

Instrument :
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Tgt Ion:244 Resp: 1339155
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 12.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2243
 Delta R.T. -0.012 min
 Lab File: BF129725.D
 Acq: 11 Aug 2022 20:34

Tgt Ion:264 Resp: 303311
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.4 27.6
 265 20.9 17.2 25.8

