

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
 Data File : BF129320.D
 Acq On : 22 Jul 2022 17:36
 Operator : CG\JU
 Sample : N3830-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SOIL-0721

Quant Time: Jul 22 18:14:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

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

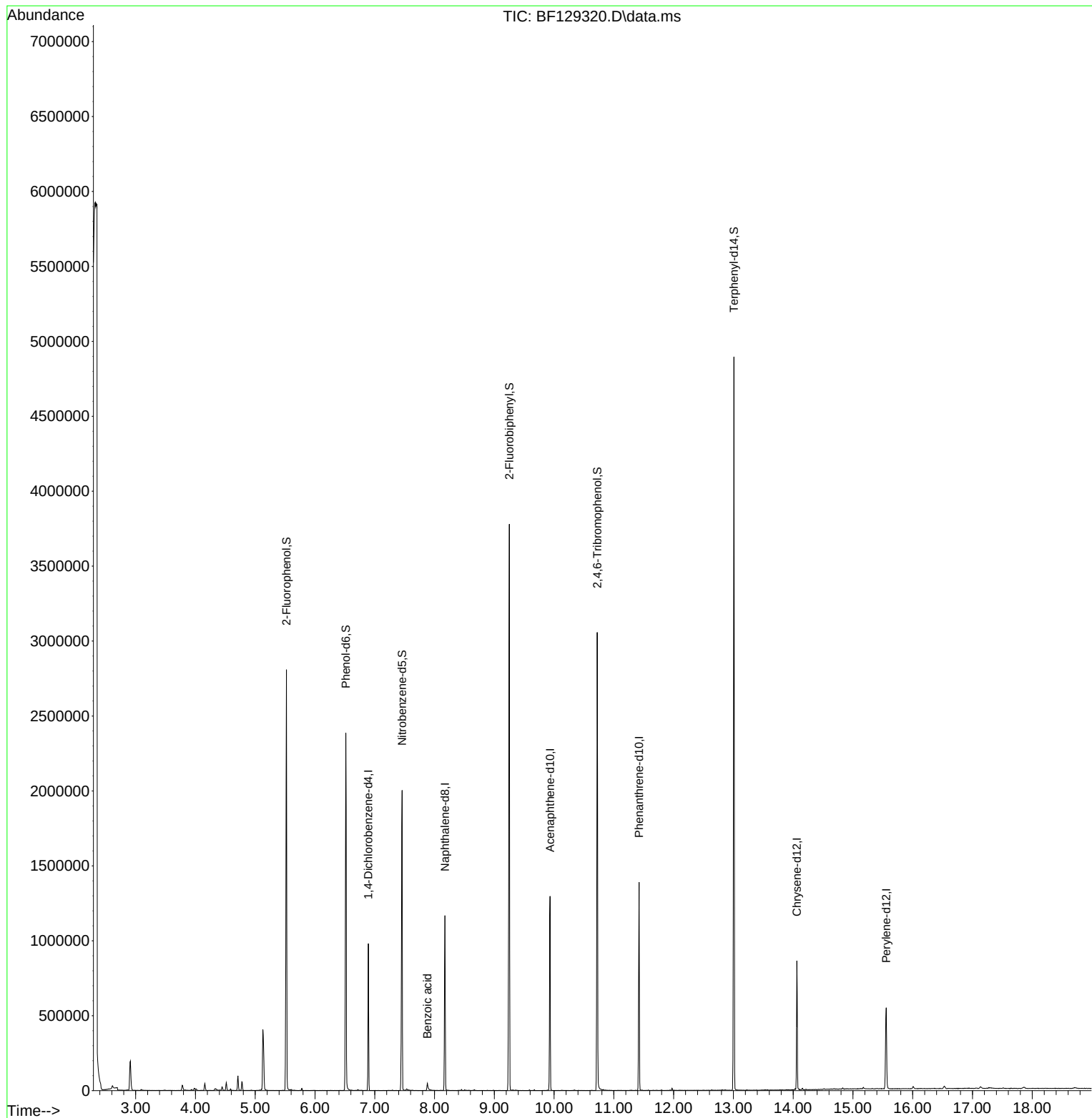
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	118366	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	483063	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	264049	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	442877	20.000	ng	0.00
76) Chrysene-d12	14.063	240	273202	20.000	ng	-0.02
86) Perylene-d12	15.557	264	237353	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	689744	95.044	ng	0.00
7) Phenol-d6	6.516	99	802096	86.703	ng	-0.01
23) Nitrobenzene-d5	7.457	82	654674	72.912	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	339284	133.182	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	1106297	64.453	ng	0.00
79) Terphenyl-d14	13.010	244	1522438	103.786	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.881	122	13346	2.720	ng	95

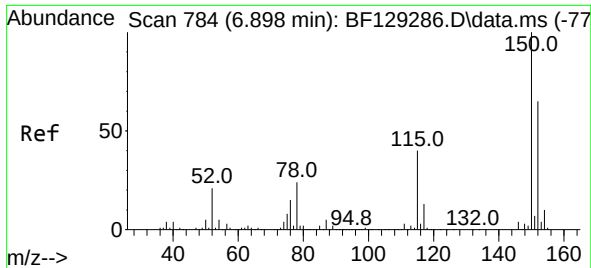
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072222\
Data File : BF129320.D
Acq On : 22 Jul 2022 17:36
Operator : CG\JU
Sample : N3830-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HS-SOIL-0721

Quant Time: Jul 22 18:14:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 13:42:18 2022
Response via : Initial Calibration

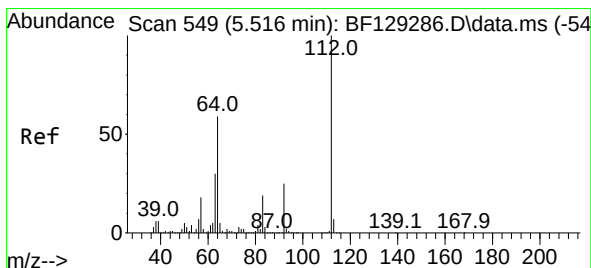
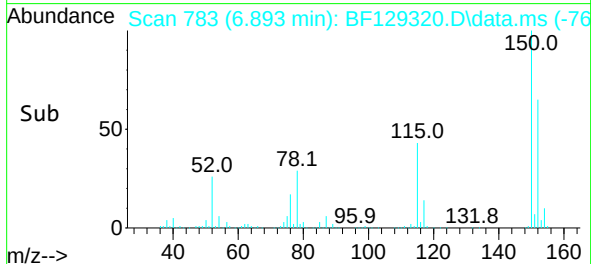
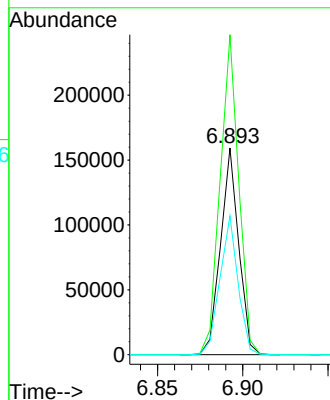
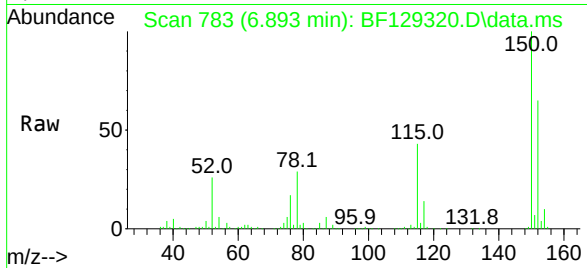




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129320.D
Acq: 22 Jul 2022 17:36

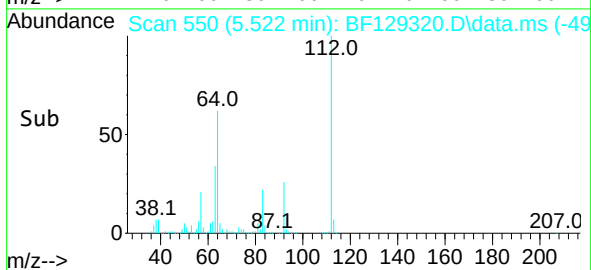
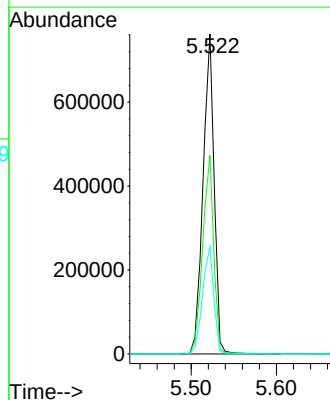
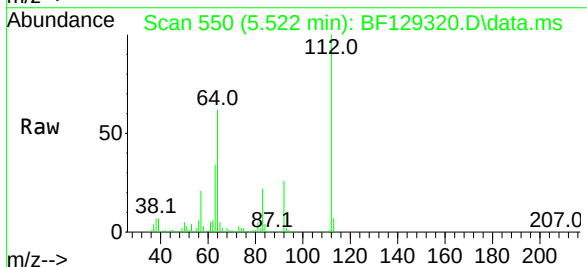
Instrument :
BNA_F
ClientSampleId :
HS-SOIL-0721

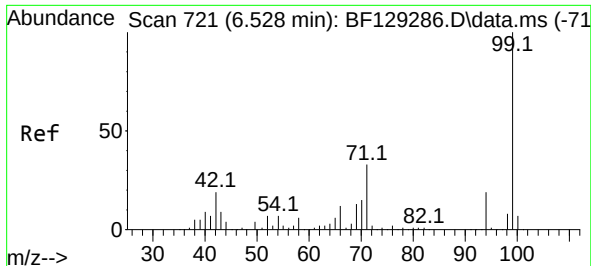
Tgt Ion:152 Resp: 118366
Ion Ratio Lower Upper
152 100
150 154.8 123.7 185.5
115 67.2 49.9 74.9



#5
2-Fluorophenol
Concen: 95.044 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.006 min
Lab File: BF129320.D
Acq: 22 Jul 2022 17:36

Tgt Ion:112 Resp: 689744
Ion Ratio Lower Upper
112 100
64 62.0 53.3 79.9
63 33.5 28.0 42.0

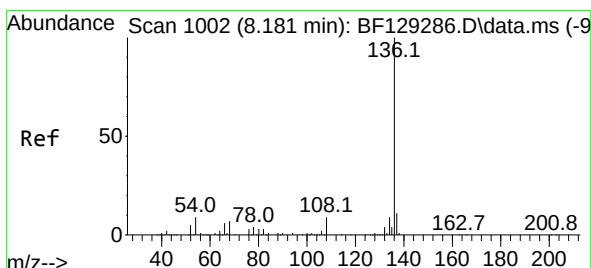
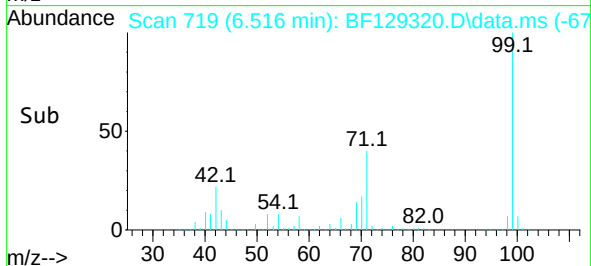
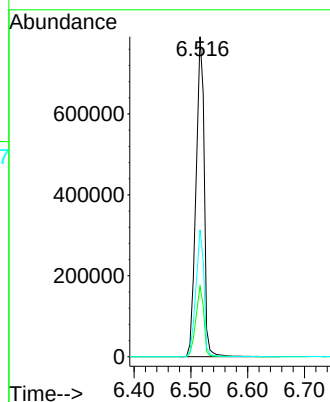
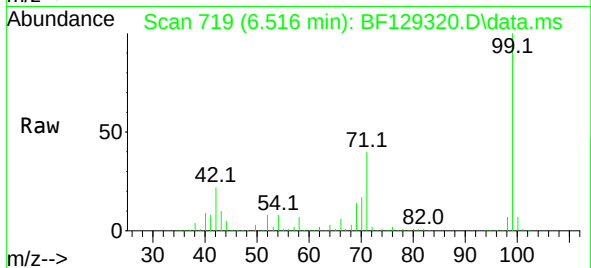




#7
Phenol-d6
Concen: 86.703 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF129320.D
Acq: 22 Jul 2022 17:36

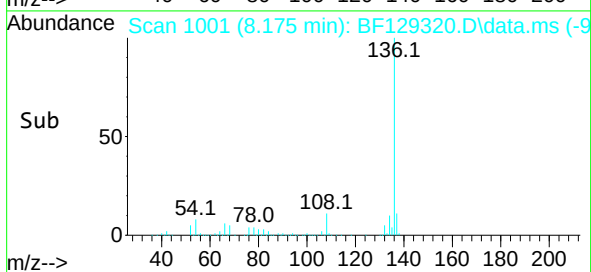
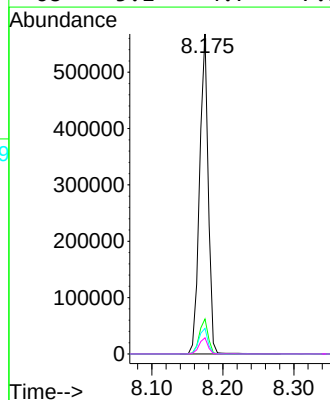
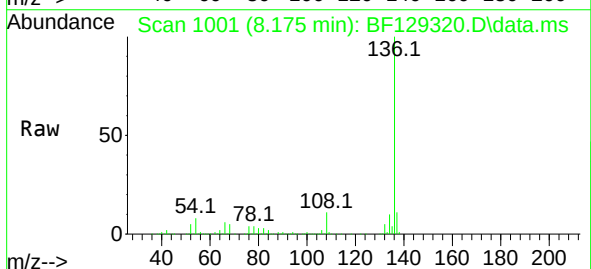
Instrument :
BNA_F
ClientSampleId :
HS-SOIL-0721

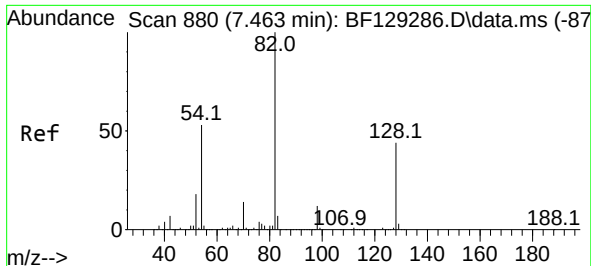
Tgt Ion: 99 Resp: 802096
Ion Ratio Lower Upper
99 100
42 22.0 17.3 25.9
71 39.6 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BF129320.D
Acq: 22 Jul 2022 17:36

Tgt Ion: 136 Resp: 483063
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.0 7.5 11.3
68 5.1 4.7 7.1





#23

Nitrobenzene-d5

Concen: 72.912 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129320.D

Acq: 22 Jul 2022 17:36

Instrument :

BNA_F

ClientSampleId :

HS-SOIL-0721

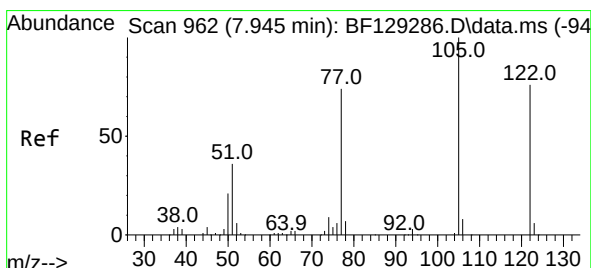
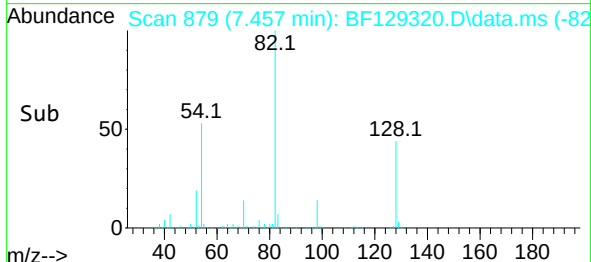
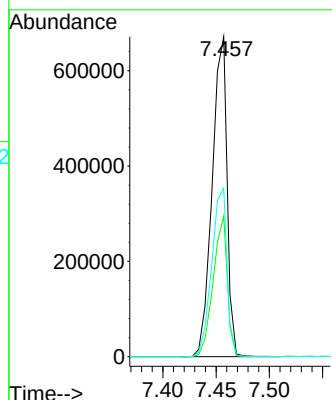
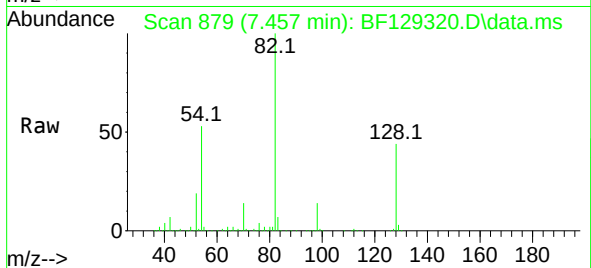
Tgt Ion: 82 Resp: 654674

Ion Ratio Lower Upper

82 100

128 44.0 34.0 51.0

54 52.7 46.9 70.3



#32

Benzoic acid

Concen: 2.720 ng

RT: 7.881 min Scan# 951

Delta R.T. -0.065 min

Lab File: BF129320.D

Acq: 22 Jul 2022 17:36

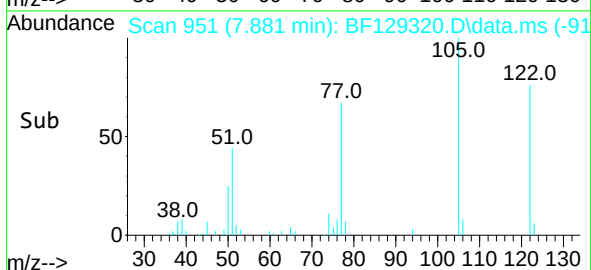
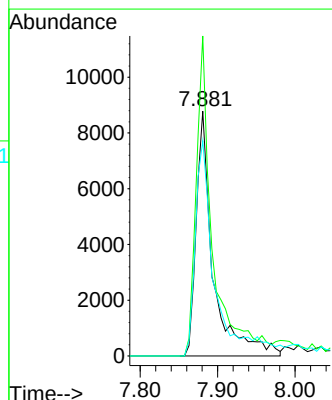
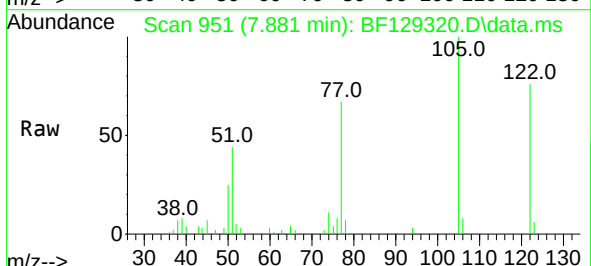
Tgt Ion: 122 Resp: 13346

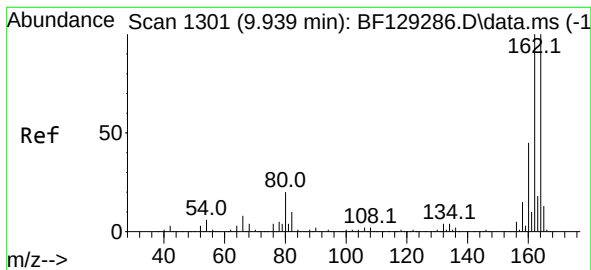
Ion Ratio Lower Upper

122 100

105 130.8 107.1 147.1

77 87.9 74.2 114.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF129320.D

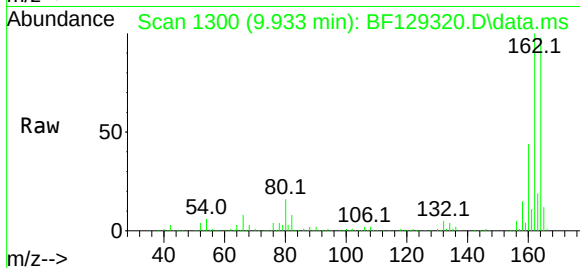
Acq: 22 Jul 2022 17:36

Instrument :

BNA_F

ClientSampleId :

HS-SOIL-0721



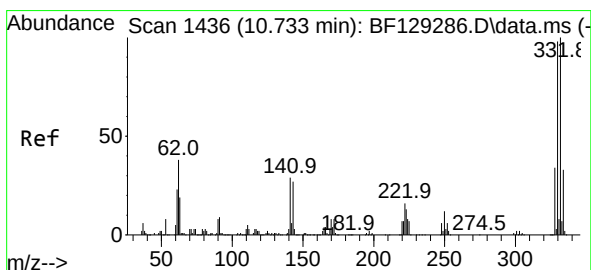
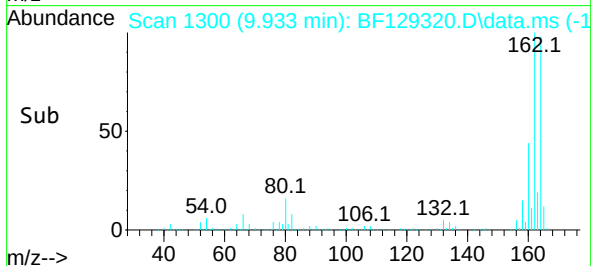
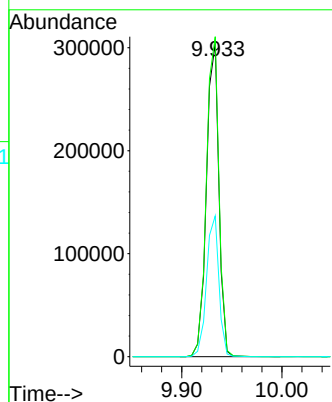
Tgt Ion:164 Resp: 264049

Ion Ratio Lower Upper

164 100

162 102.3 79.5 119.3

160 45.0 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 133.182 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF129320.D

Acq: 22 Jul 2022 17:36

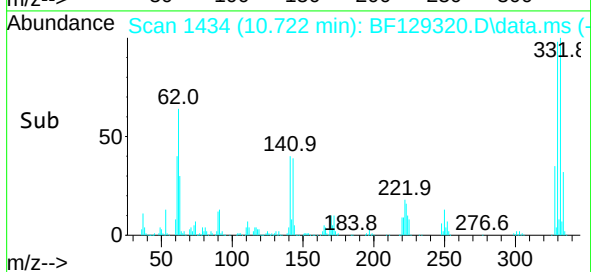
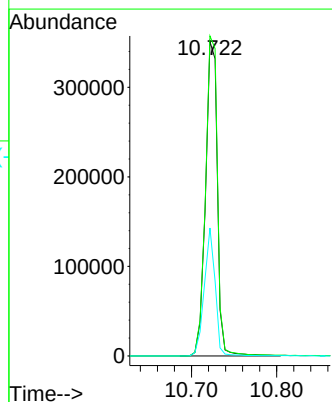
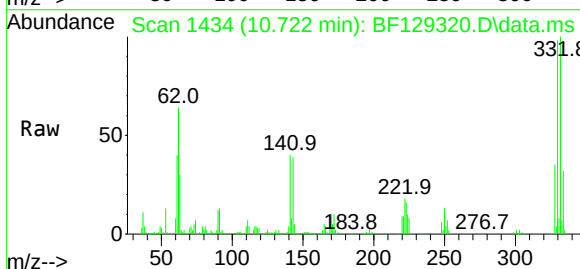
Tgt Ion:330 Resp: 339284

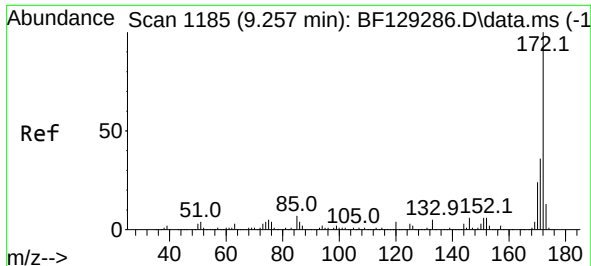
Ion Ratio Lower Upper

330 100

332 103.3 76.8 115.2

141 37.8 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 64.453 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF129320.D

Acq: 22 Jul 2022 17:36

Instrument :

BNA_F

ClientSampleId :

HS-SOIL-0721

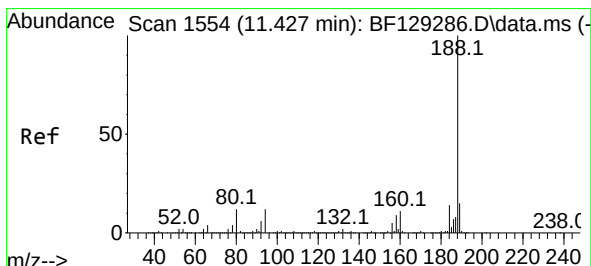
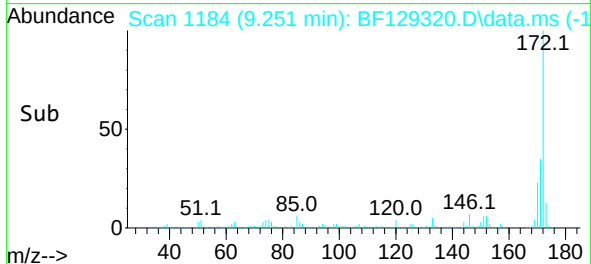
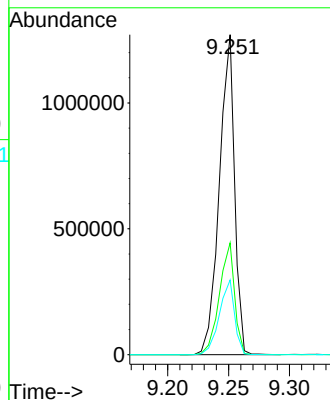
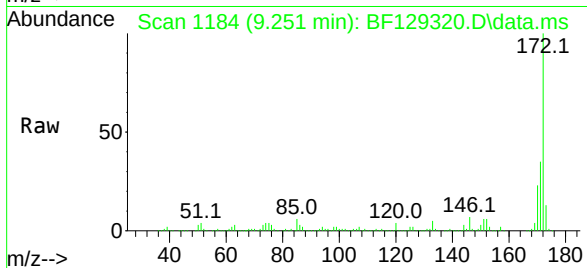
Tgt Ion:172 Resp: 1106297

Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.3 19.8 29.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1553

Delta R.T. -0.006 min

Lab File: BF129320.D

Acq: 22 Jul 2022 17:36

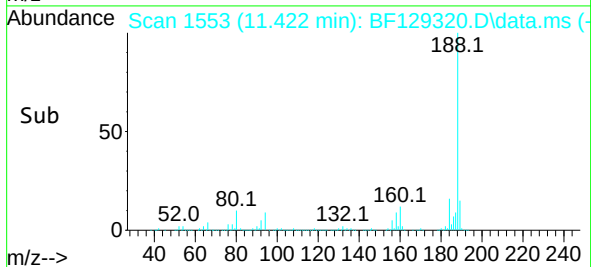
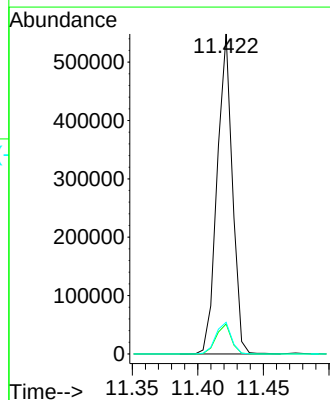
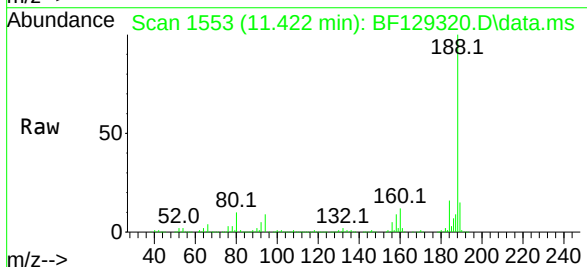
Tgt Ion:188 Resp: 442877

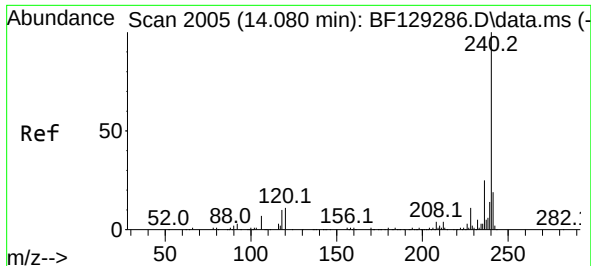
Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.6

80 9.9 7.6 11.4

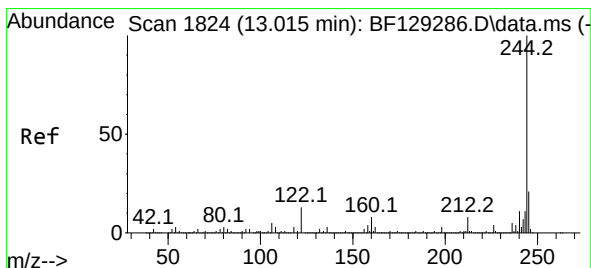
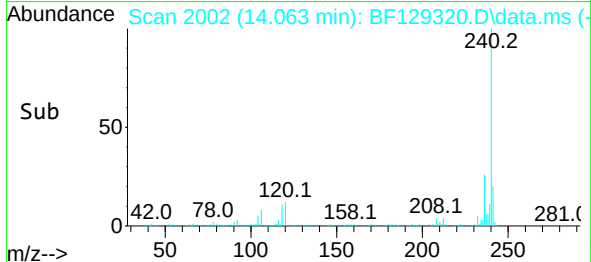
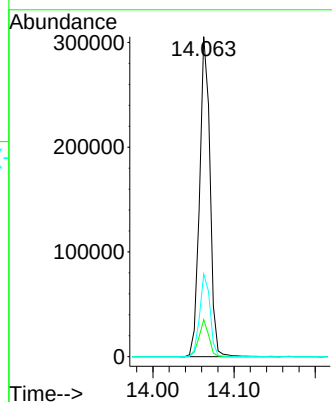
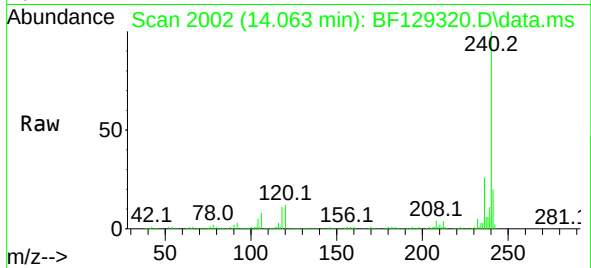




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.017 min
Lab File: BF129320.D
Acq: 22 Jul 2022 17:36

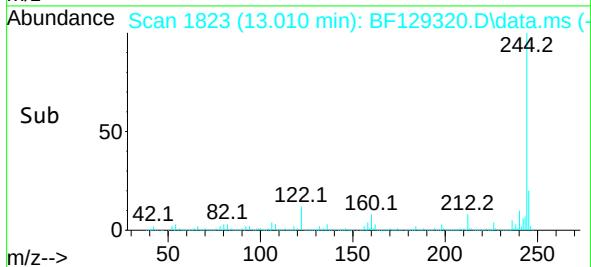
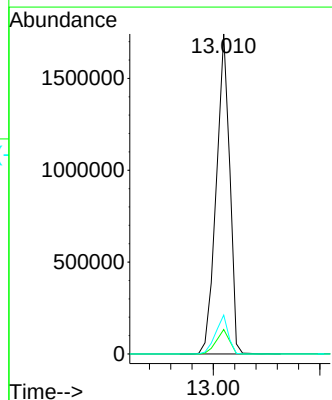
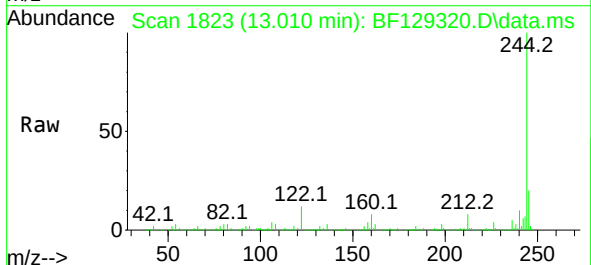
Instrument :
BNA_F
ClientSampleId :
HS-SOIL-0721

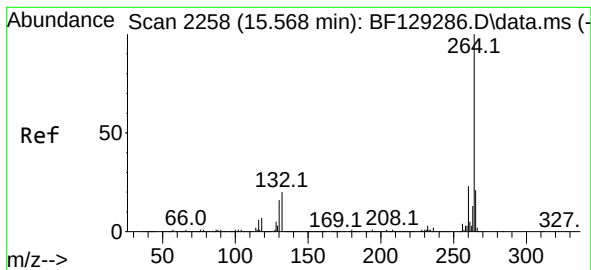
Tgt Ion:240 Resp: 273202
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 103.786 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF129320.D
Acq: 22 Jul 2022 17:36

Tgt Ion:244 Resp: 1522438
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 12.2 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF129320.D

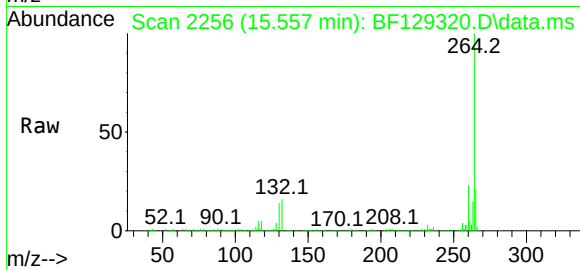
Acq: 22 Jul 2022 17:36

Instrument :

BNA_F

ClientSampleId :

HS-SOIL-0721



Tgt Ion:264 Resp: 237353

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 21.4 17.2 25.8

