

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135211.D
 Acq On : 13 Sep 2023 07:38
 Operator : CG\JU
 Sample : 04293-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL

Quant Time: Sep 13 08:12:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	126347	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	482809	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	227107	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	379880	20.000	ng	0.00
76) Chrysene-d12	13.945	240	219084	20.000	ng	# 0.00
86) Perylene-d12	15.410	264	258071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	418073	53.818	ng	0.00
7) Phenol-d6	6.398	99	543065	54.978	ng	0.00
23) Nitrobenzene-d5	7.322	82	315856	35.543	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	99024	43.876	ng	-0.01
45) 2-Fluorobiphenyl	9.116	172	470230	31.238	ng	-0.01
79) Terphenyl-d14	12.886	244	367623	26.012	ng	0.00

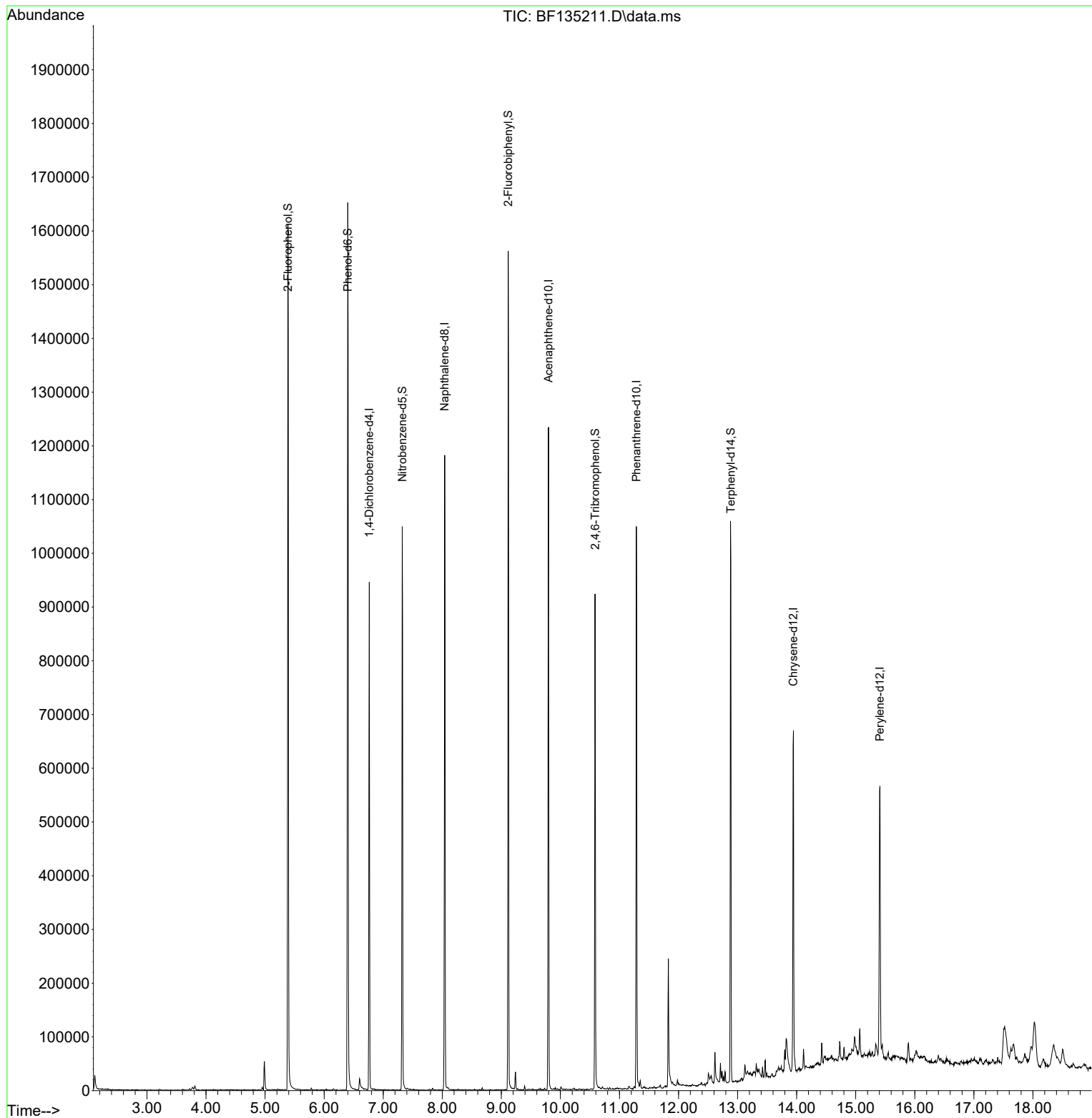
Target Compounds	Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
Data File : BF135211.D
Acq On : 13 Sep 2023 07:38
Operator : CG\JU
Sample : 04293-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL

Quant Time: Sep 13 08:12:04 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:19:07 2023
Response via : Initial Calibration

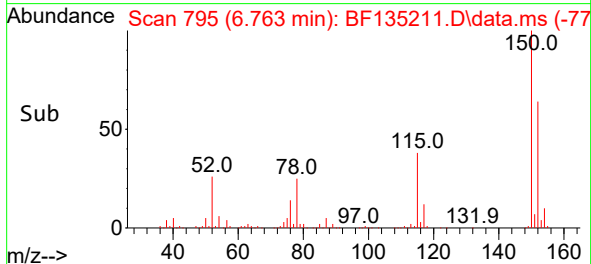
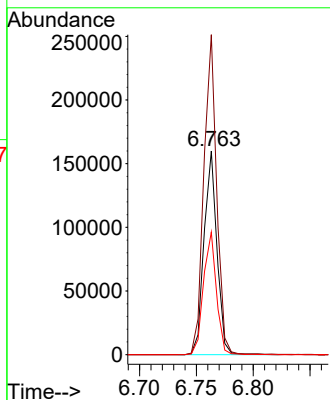
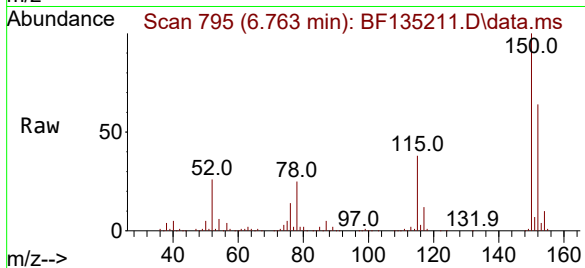




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135211.D
Acq: 13 Sep 2023 07:38

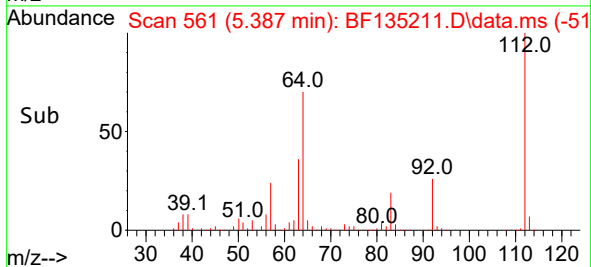
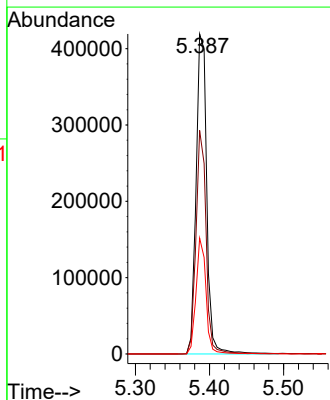
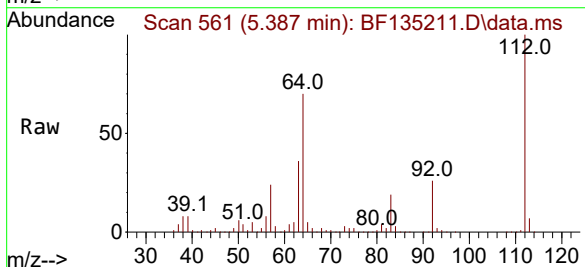
Instrument :
BNA_F
ClientSampleId :
SOIL

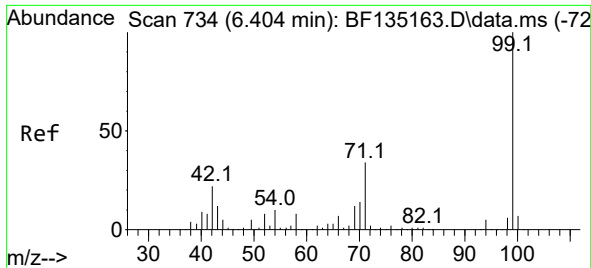
Tgt Ion:152 Resp: 126347
Ion Ratio Lower Upper
152 100
150 157.1 127.8 191.6
115 60.2 49.8 74.8



#5
2-Fluorophenol
Concen: 53.818 ng
RT: 5.387 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF135211.D
Acq: 13 Sep 2023 07:38

Tgt Ion:112 Resp: 418073
Ion Ratio Lower Upper
112 100
64 69.8 55.9 83.9
63 36.2 29.0 43.6

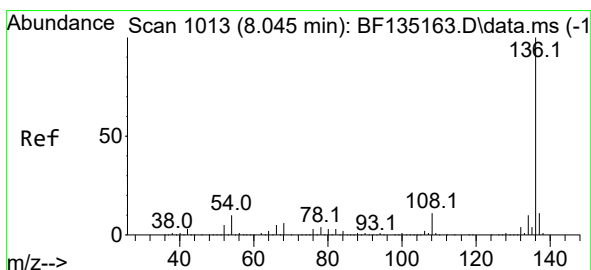
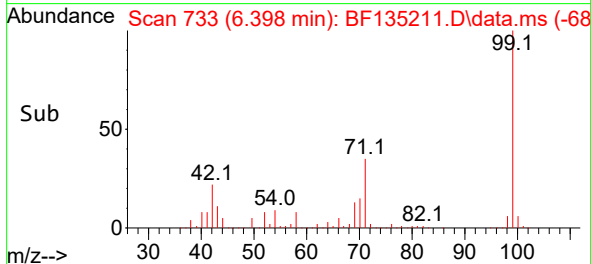
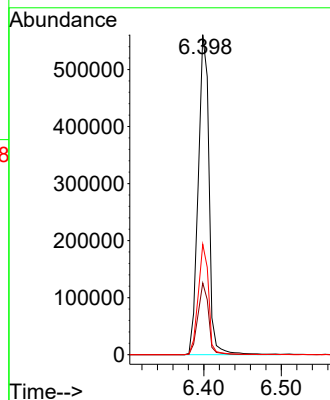
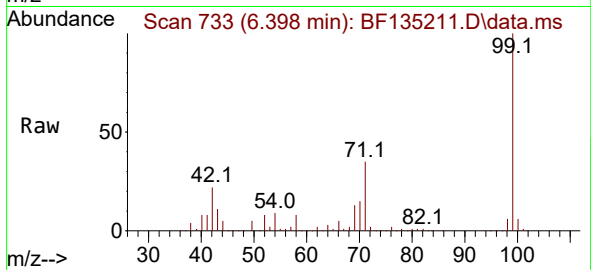




#7
Phenol-d6
Concen: 54.978 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135211.D
Acq: 13 Sep 2023 07:38

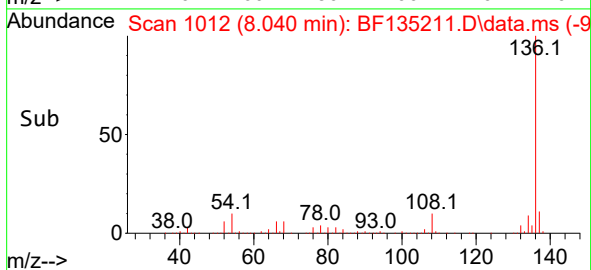
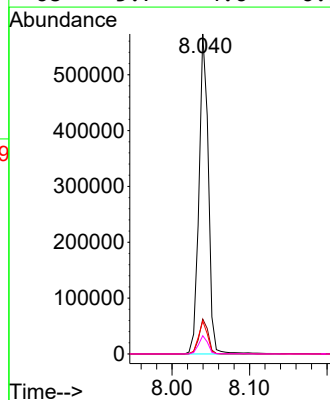
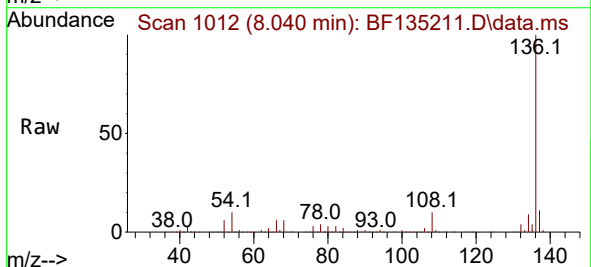
Instrument :
BNA_F
ClientSampleId :
SOIL

Tgt Ion: 99 Resp: 543065
Ion Ratio Lower Upper
99 100
42 22.4 17.9 26.9
71 34.5 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135211.D
Acq: 13 Sep 2023 07:38

Tgt Ion: 136 Resp: 482809
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.3 7.7 11.5
68 5.7 4.6 6.8





#23

Nitrobenzene-d5

Concen: 35.543 ng

RT: 7.322 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF135211.D

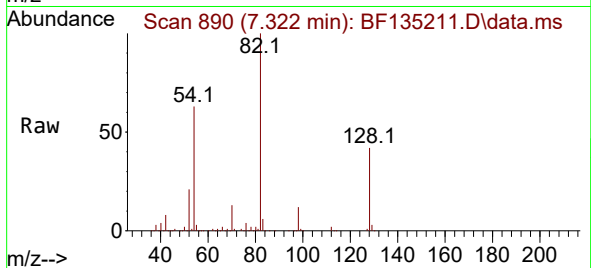
Acq: 13 Sep 2023 07:38

Instrument :

BNA_F

ClientSampleId :

SOIL



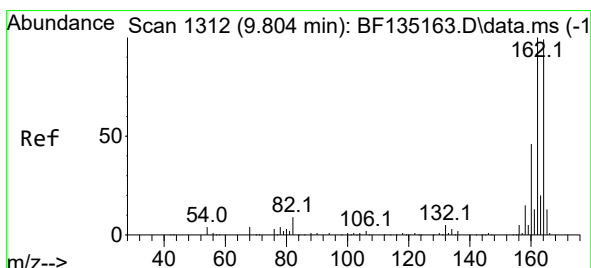
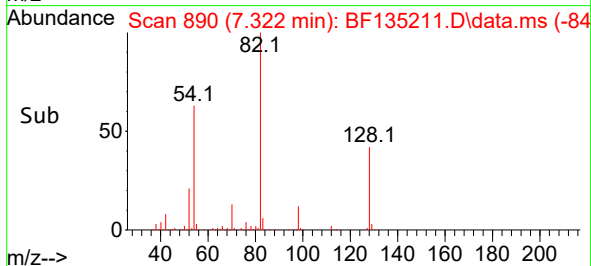
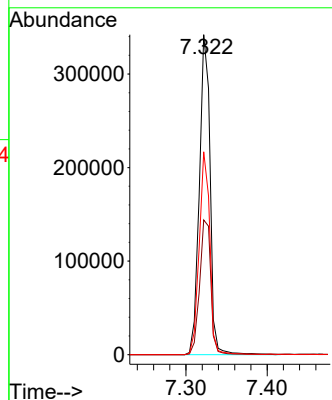
Tgt Ion: 82 Resp: 315856

Ion Ratio Lower Upper

82 100

128 42.1 35.8 53.6

54 63.4 50.6 76.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1311

Delta R.T. -0.006 min

Lab File: BF135211.D

Acq: 13 Sep 2023 07:38

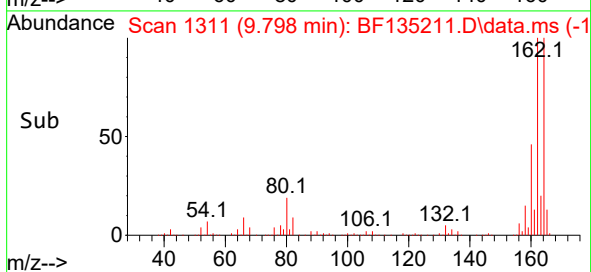
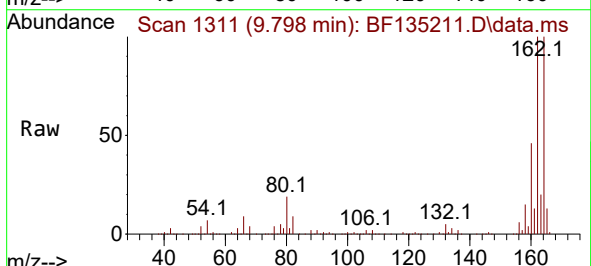
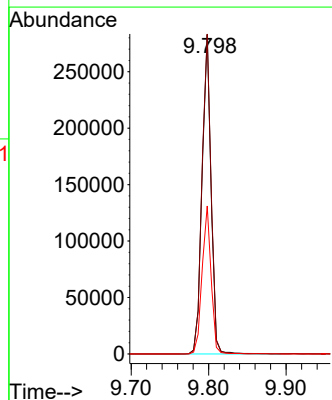
Tgt Ion: 164 Resp: 227107

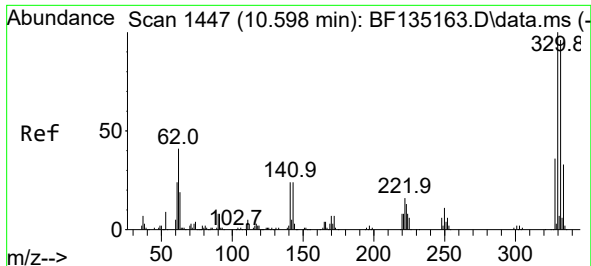
Ion Ratio Lower Upper

164 100

162 100.2 81.0 121.4

160 46.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 43.876 ng

RT: 10.586 min Scan# 1445

Delta R.T. -0.012 min

Lab File: BF135211.D

Acq: 13 Sep 2023 07:38

Instrument :

BNA_F

ClientSampleId :

SOIL

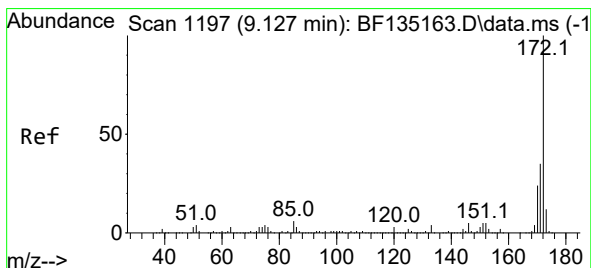
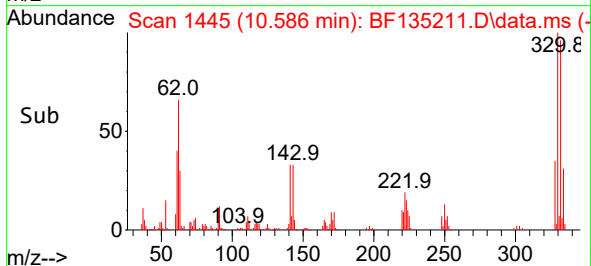
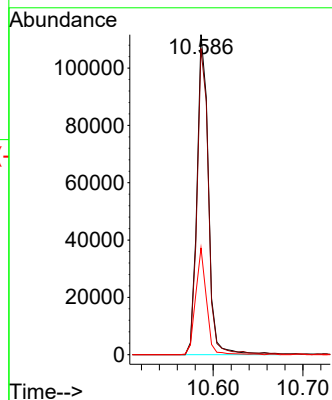
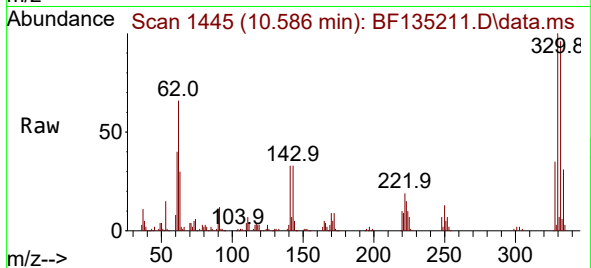
Tgt Ion:330 Resp: 99024

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

141 31.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 31.238 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135211.D

Acq: 13 Sep 2023 07:38

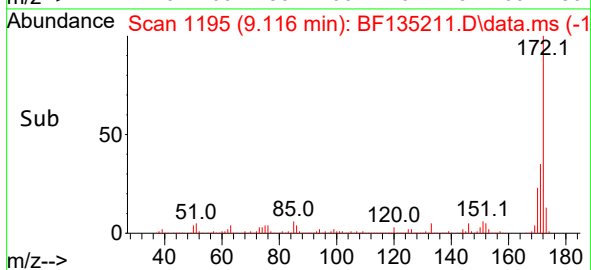
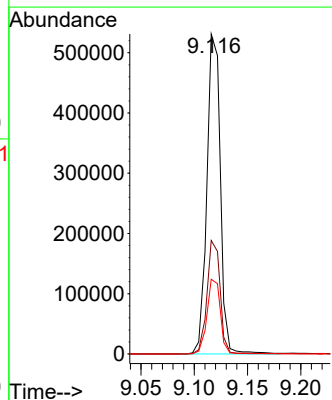
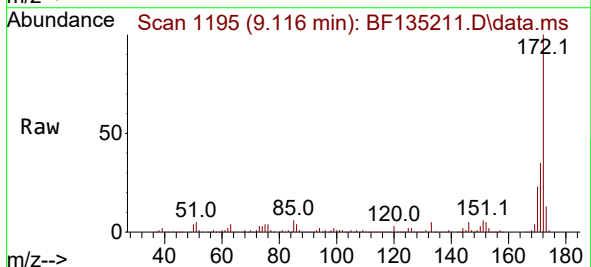
Tgt Ion:172 Resp: 470230

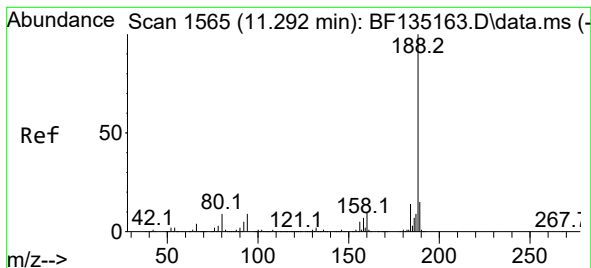
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.286 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135211.D

Acq: 13 Sep 2023 07:38

Instrument :

BNA_F

ClientSampleId :

SOIL

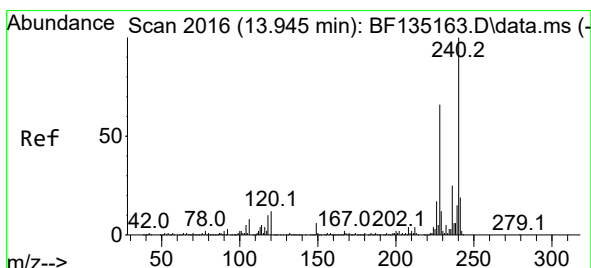
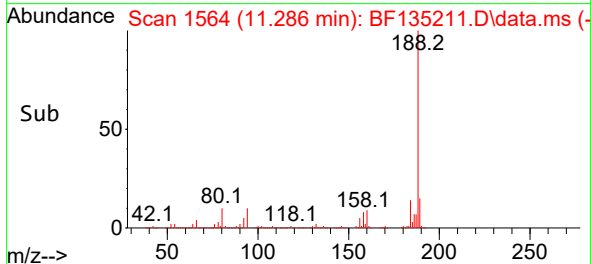
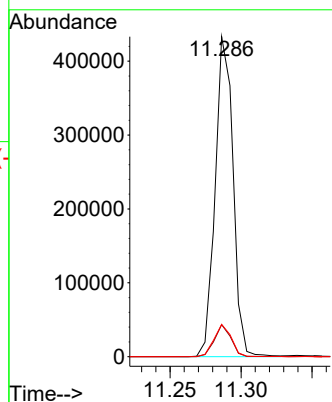
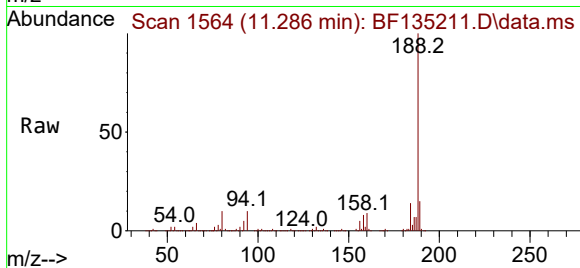
Tgt Ion:188 Resp: 379880

Ion Ratio Lower Upper

188 100

94 10.0 7.0 10.6

80 10.1 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF135211.D

Acq: 13 Sep 2023 07:38

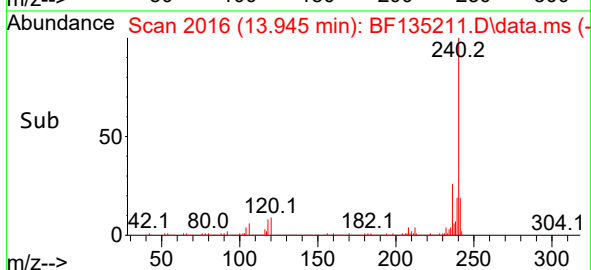
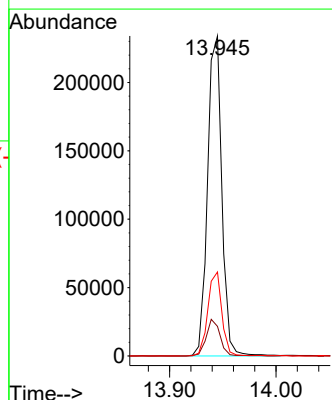
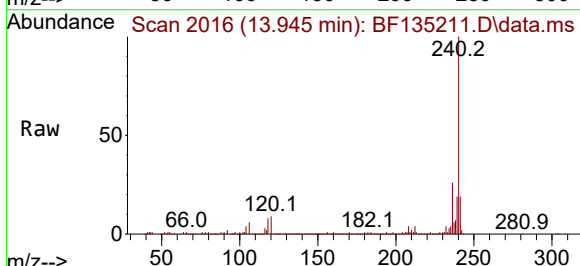
Tgt Ion:240 Resp: 219084

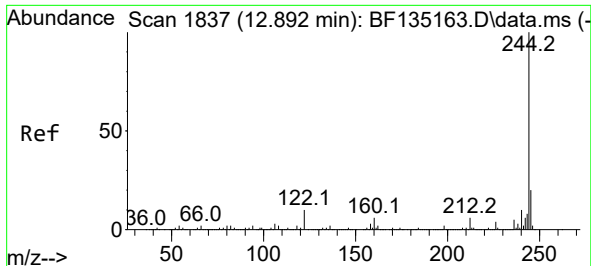
Ion Ratio Lower Upper

240 100

120 9.2 9.4 14.2#

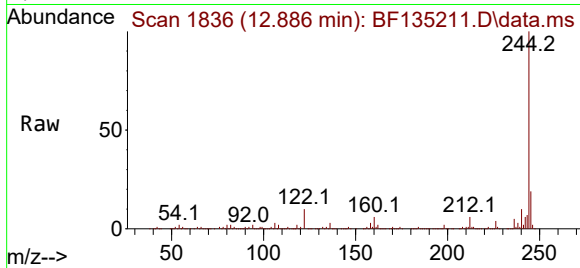
236 26.3 19.8 29.8



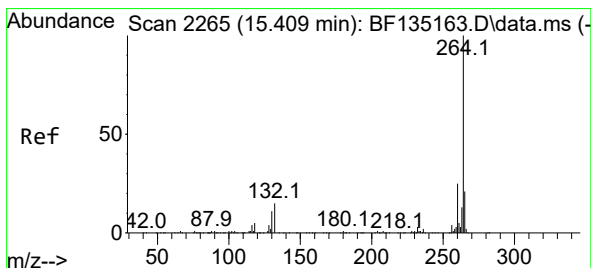
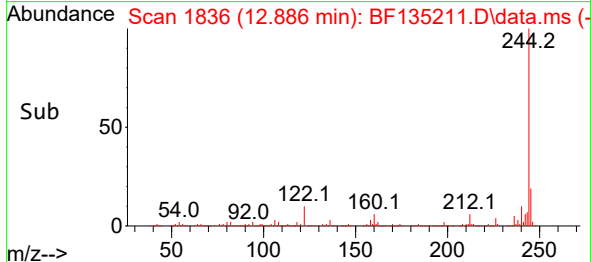
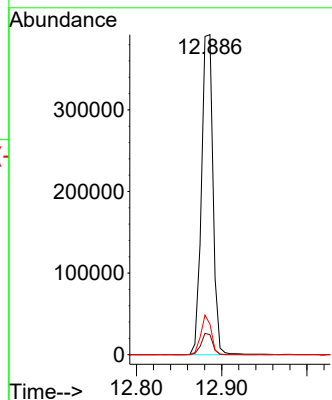


#79
 Terphenyl-d14
 Concen: 26.012 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF135211.D
 Acq: 13 Sep 2023 07:38

Instrument :
 BNA_F
 ClientSampleId :
 SOIL



Tgt Ion:244 Resp: 367623
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 9.6 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF135211.D
 Acq: 13 Sep 2023 07:38

Tgt Ion:264 Resp: 258071
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.8 29.6
 265 20.8 17.0 25.4

