

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114466.D
 Acq On : 21 May 2019 19:49
 Operator : JU/SJ
 Sample : K2922-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-2

Quant Time: May 22 06:54:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	210900	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	824356	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	397384	20.00	ng	-0.01
64) Phenanthrene-d10	11.35	188	758108	20.00	ng	0.00
76) Chrysene-d12	14.00	240	434387	20.00	ng	0.00
87) Perylene-d12	15.47	264	444351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1335771	101.93	ng	0.00
7) Phenol-d6	6.48	99	1615523	104.23	ng	0.00
23) Nitrobenzene-d5	7.39	82	1209792	82.36	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	492438	119.86	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2077266	79.07	ng	0.00
79) Terphenyl-d14	12.94	244	1873353	88.90	ng	0.00

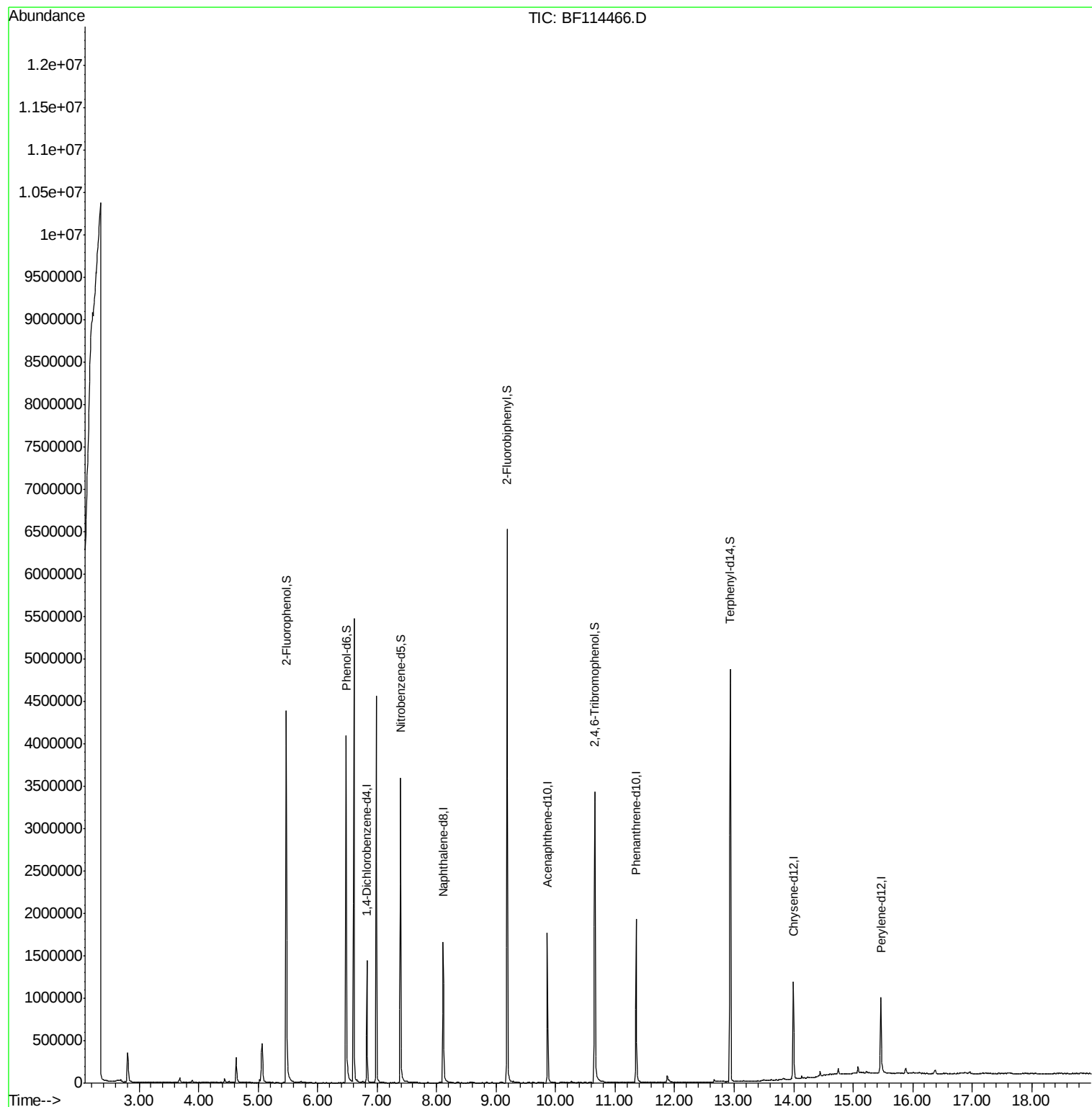
Target Compounds	Qvalue
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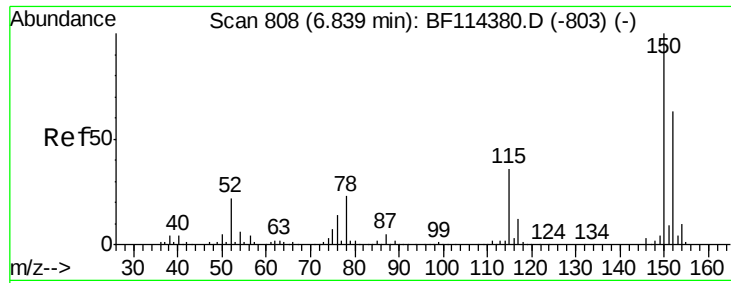
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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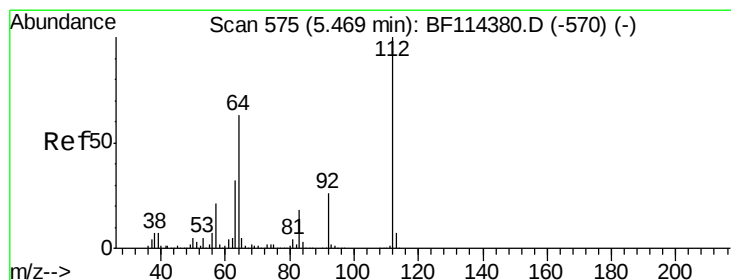
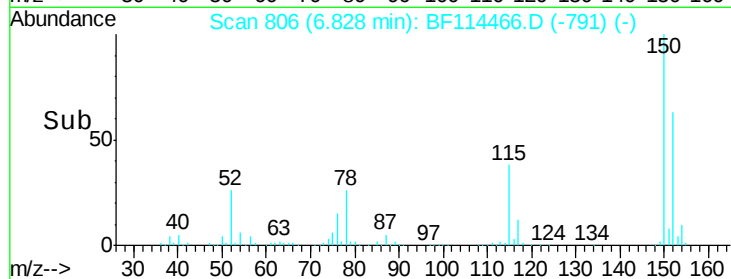
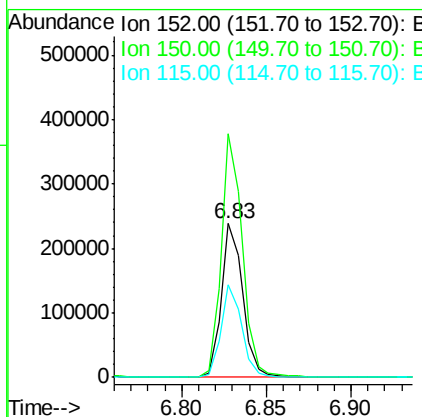
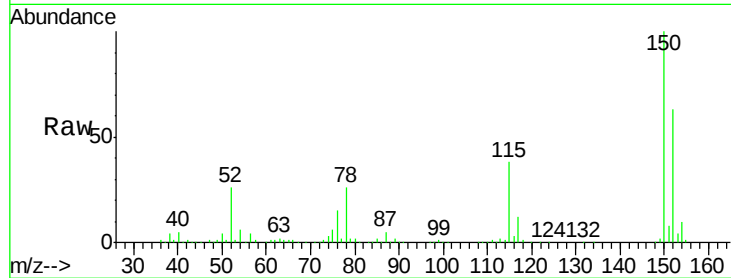


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF114466.D
 Acq: 21 May 2019 19:49

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-2

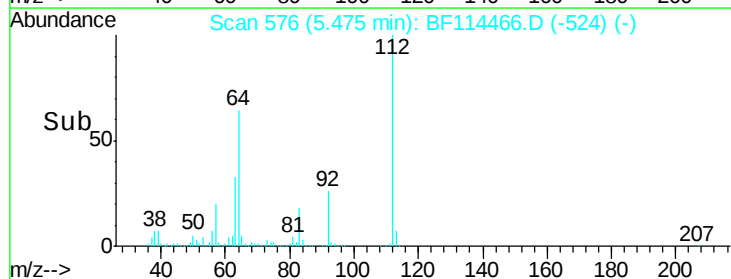
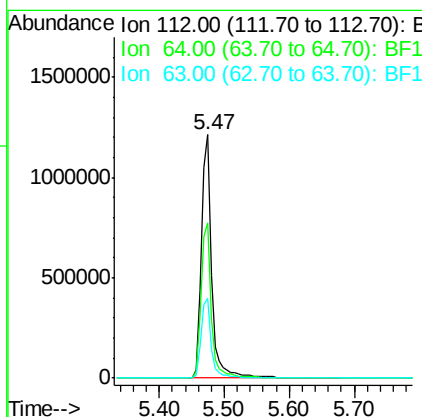
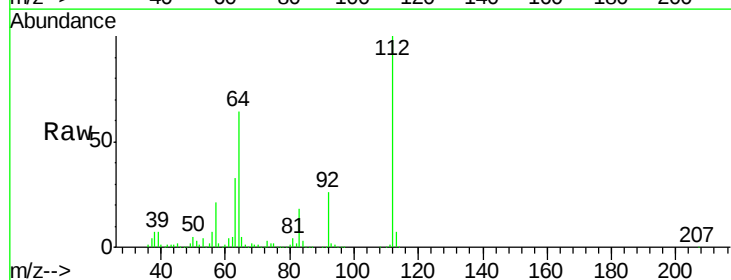
Tgt Ion:152 Resp: 210900
 Ion Ratio Lower Upper
 152 100
 150 158.7 124.3 186.5
 115 60.1 49.1 73.7

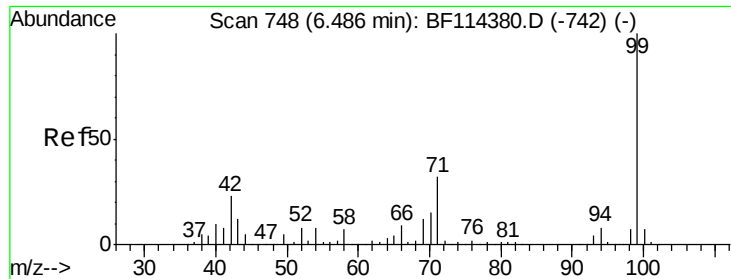


#5

2-Fluorophenol
 Concen: 101.925 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF114466.D
 Acq: 21 May 2019 19:49

Tgt Ion:112 Resp: 1335771
 Ion Ratio Lower Upper
 112 100
 64 64.0 49.0 73.6
 63 32.6 24.6 37.0





#7

Phenol-d6

Concen: 104.226 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114466.D

Acq: 21 May 2019 19:49

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2

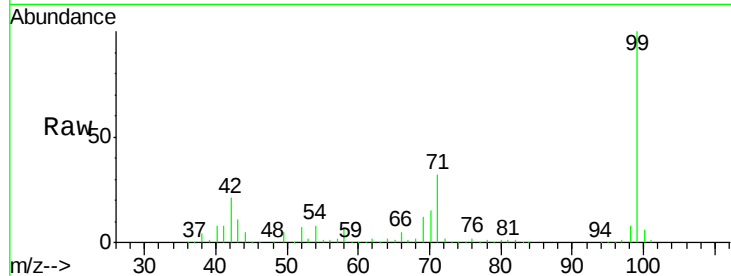
Tgt Ion: 99 Resp: 1615523

Ion Ratio Lower Upper

99 100

42 21.1 17.9 26.9

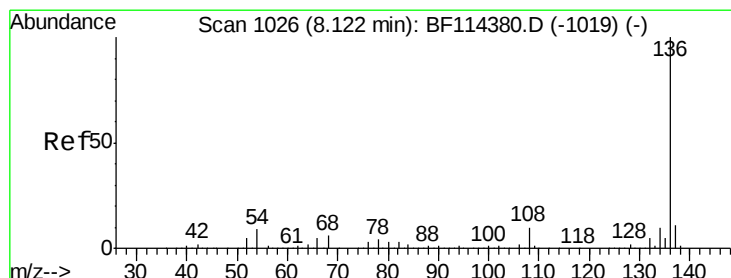
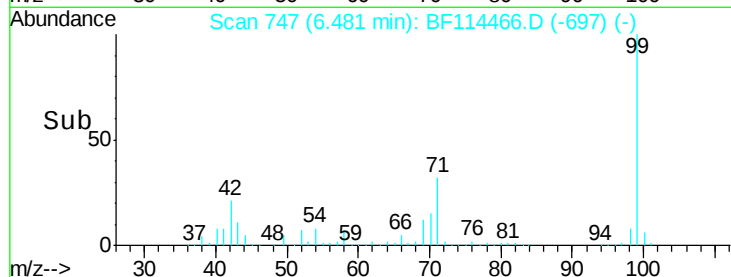
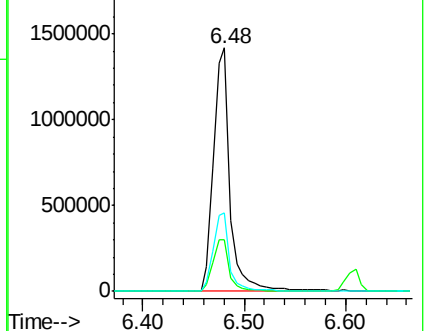
71 32.2 26.2 39.2



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114466.D

Acq: 21 May 2019 19:49

Tgt Ion: 136 Resp: 824356

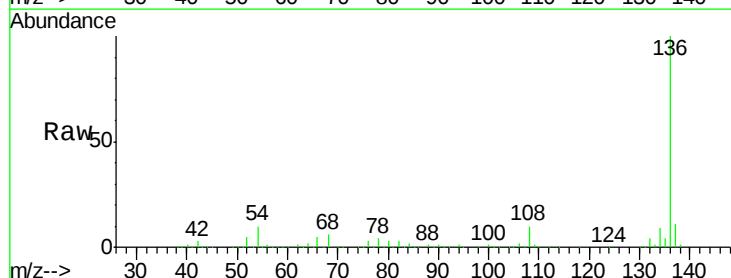
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 9.6 7.8 11.8

68 6.2 5.1 7.7

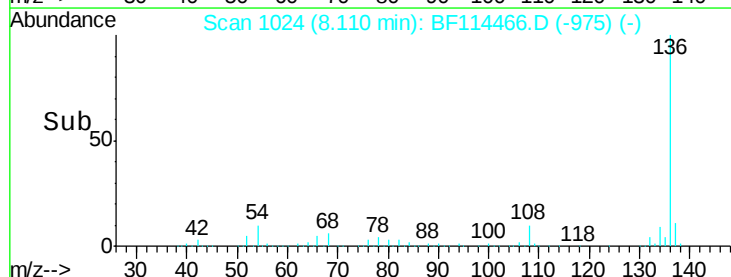
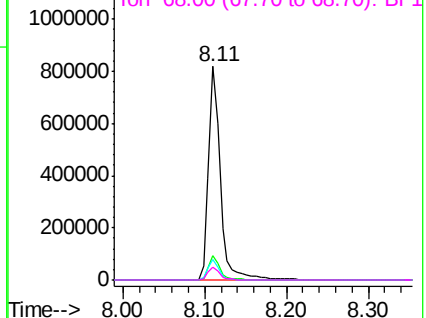


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

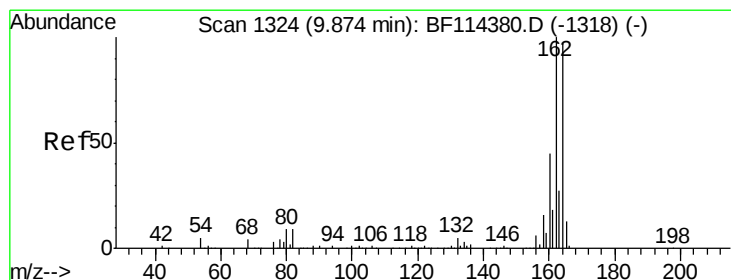
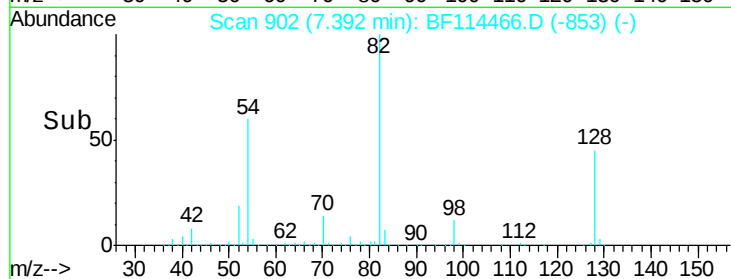
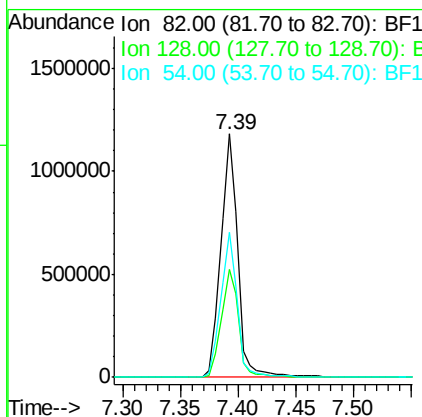
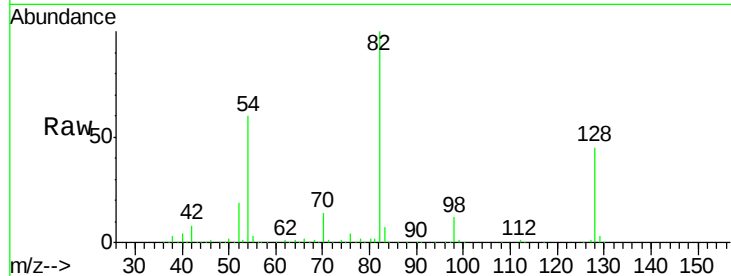




#23
 Nitrobenzene-d5
 Concen: 82.360 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114466.D
 Acq: 21 May 2019 19:49

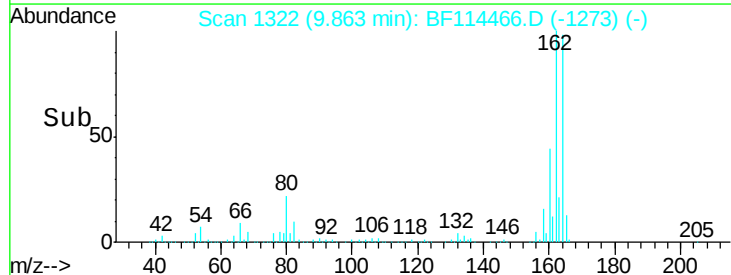
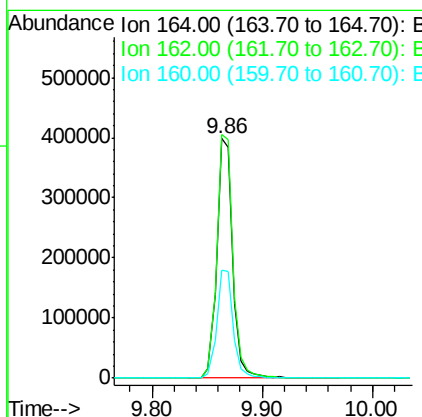
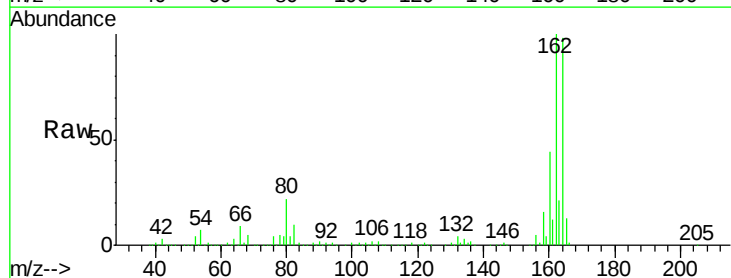
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-2

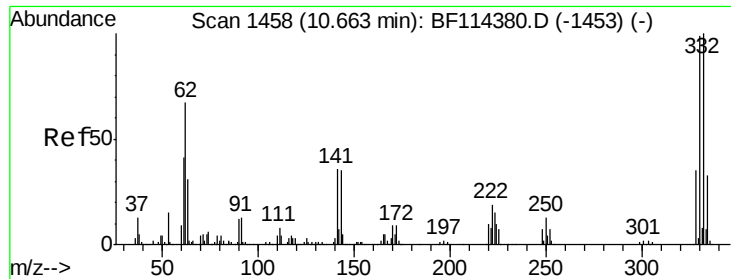
Tgt Ion: 82 Resp: 1209792
 Ion Ratio Lower Upper
 82 100
 128 44.6 35.5 53.3
 54 59.8 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114466.D
 Acq: 21 May 2019 19:49

Tgt Ion: 164 Resp: 397384
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.6 120.8
 160 44.8 36.5 54.7

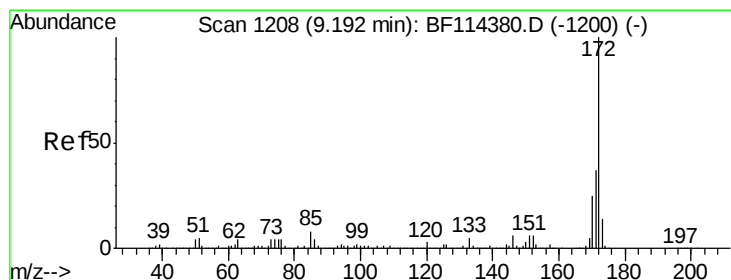
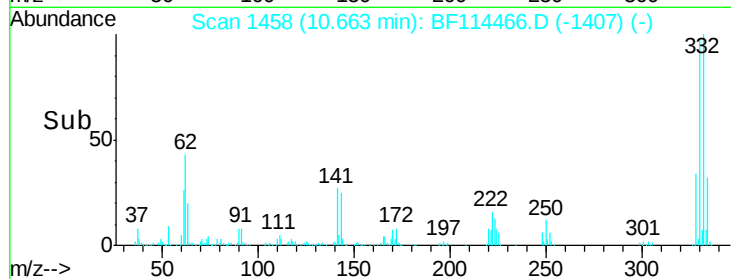
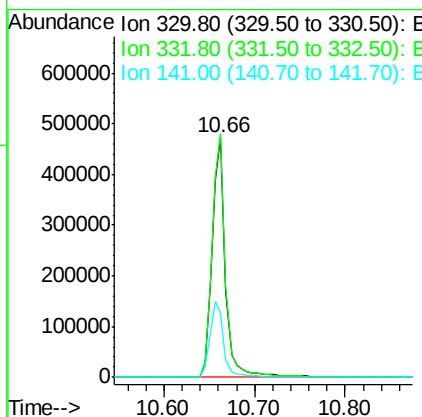
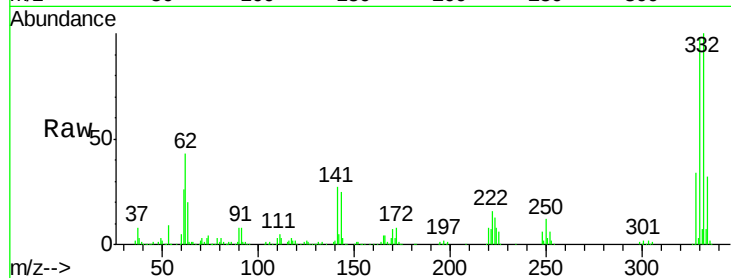




#42
 2,4,6-Tribromophenol
 Concen: 119.865 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114466.D
 Acq: 21 May 2019 19:49

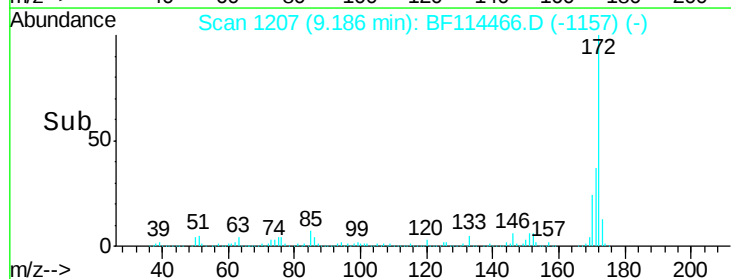
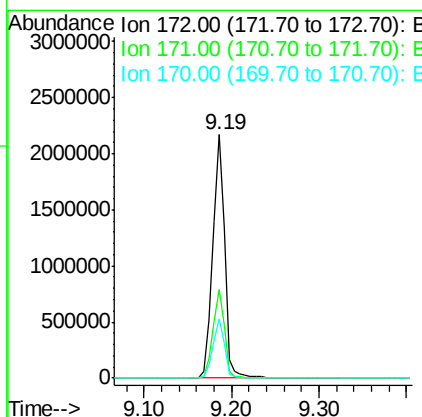
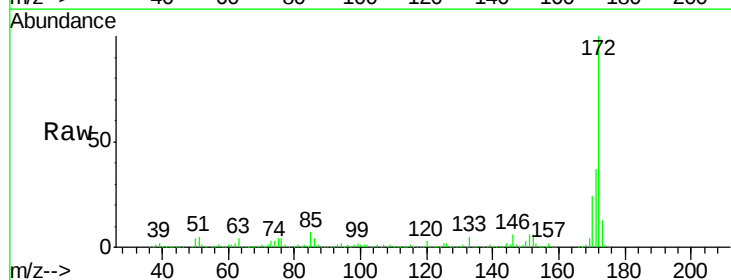
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-2

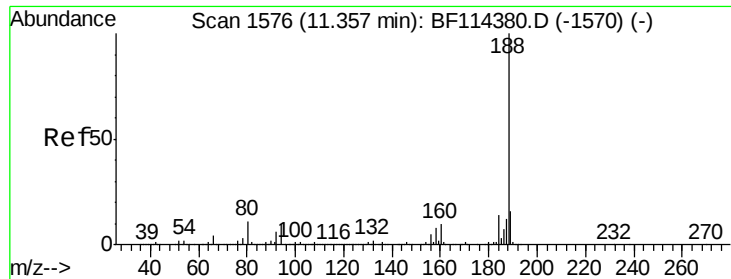
Tgt Ion:330 Resp: 492438
 Ion Ratio Lower Upper
 330 100
 332 102.1 81.4 122.2
 141 33.5 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 79.072 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114466.D
 Acq: 21 May 2019 19:49

Tgt Ion:172 Resp: 2077266
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.7 46.1
 170 24.4 20.5 30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.01 min

Lab File: BF114466.D

Acq: 21 May 2019 19:49

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2

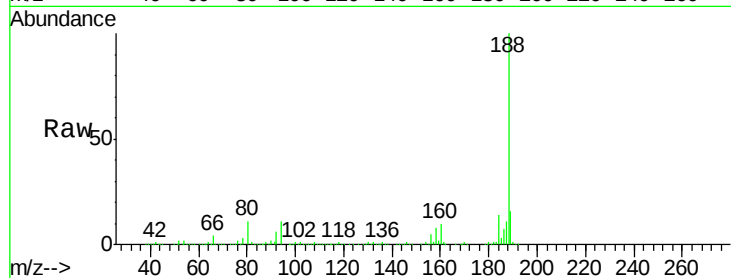
Tgt Ion:188 Resp: 758108

Ion Ratio Lower Upper

188 100

94 10.6 8.4 12.6

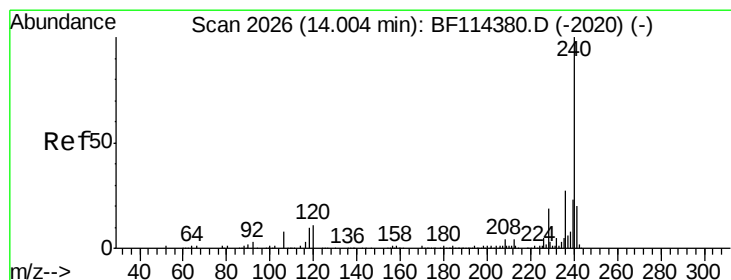
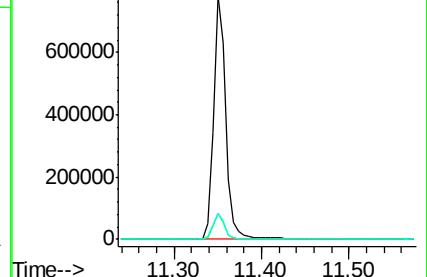
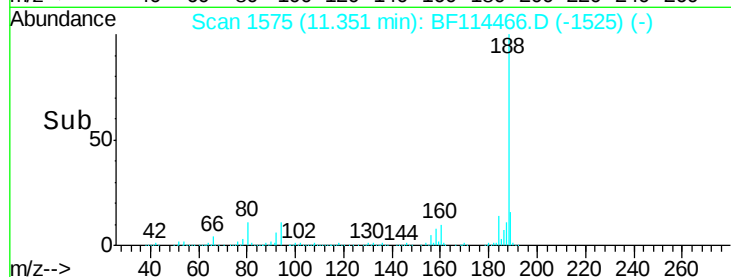
80 10.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF114466.D

Acq: 21 May 2019 19:49

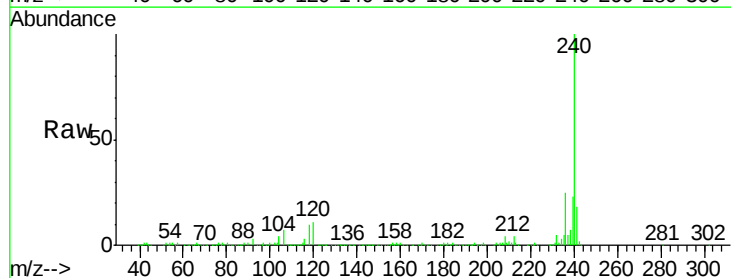
Tgt Ion:240 Resp: 434387

Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

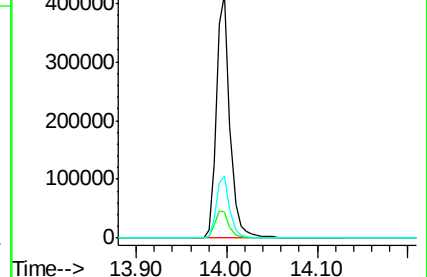
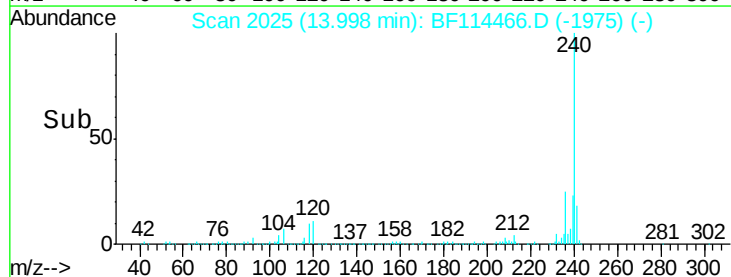
236 25.2 20.8 31.2

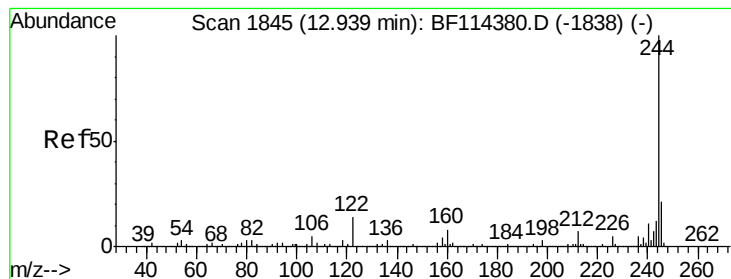


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.902 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF114466.D

Acq: 21 May 2019 19:49

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ClientSampleId :

SOIL-COMP-2

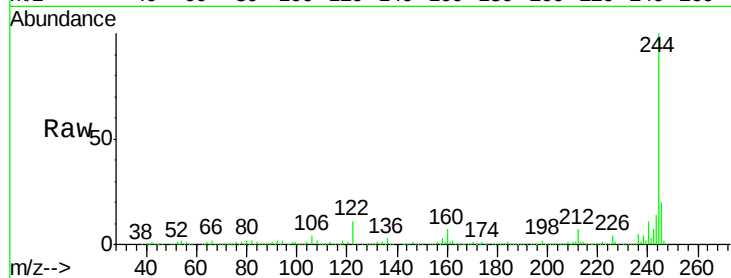
Tgt Ion:244 Resp: 1873353

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

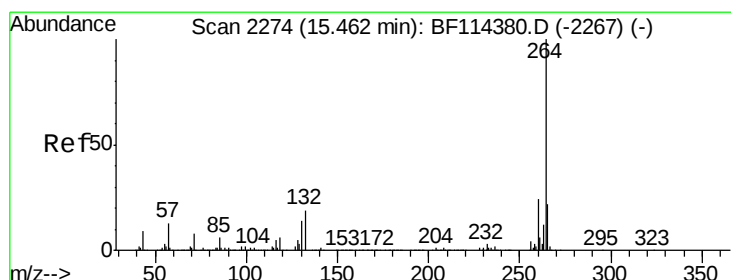
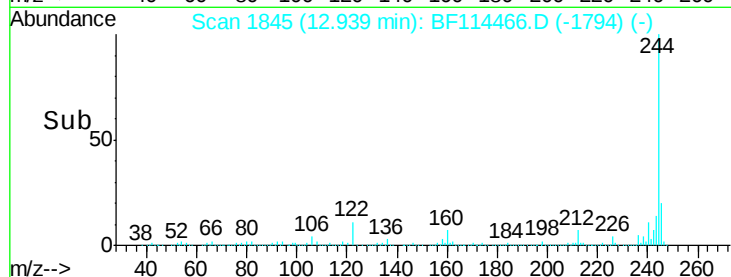
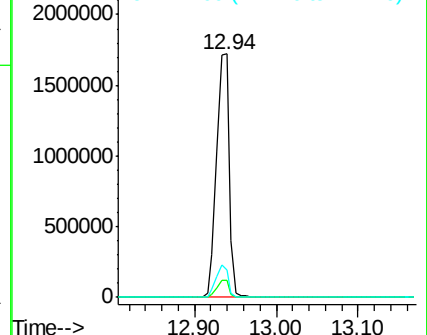
122 11.3 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF114466.D

Acq: 21 May 2019 19:49

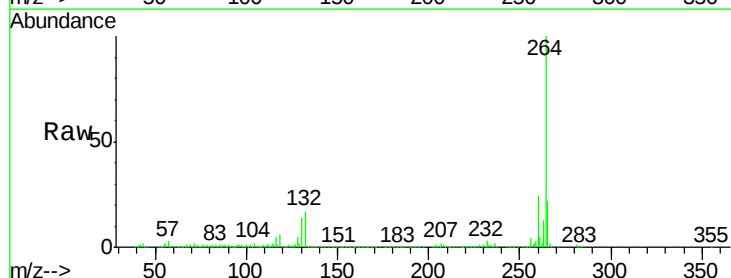
Tgt Ion:264 Resp: 444351

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 22.4 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

