

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114480.D
 Acq On : 22 May 2019 2:52
 Operator : JU/SJ
 Sample : K2922-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-1

Quant Time: May 22 08:21:07 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	199546	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	775912	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	352528	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	592660	20.00	ng	0.00
76) Chrysene-d12	14.00	240	397553	20.00	ng	0.00
87) Perylene-d12	15.46	264	341857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1286978	103.79	ng	0.00
7) Phenol-d6	6.48	99	1507595	102.80	ng	0.00
23) Nitrobenzene-d5	7.39	82	1137361	82.26	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	398435	109.32	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1975614	84.77	ng	0.00
79) Terphenyl-d14	12.93	244	1536101	79.65	ng	0.00

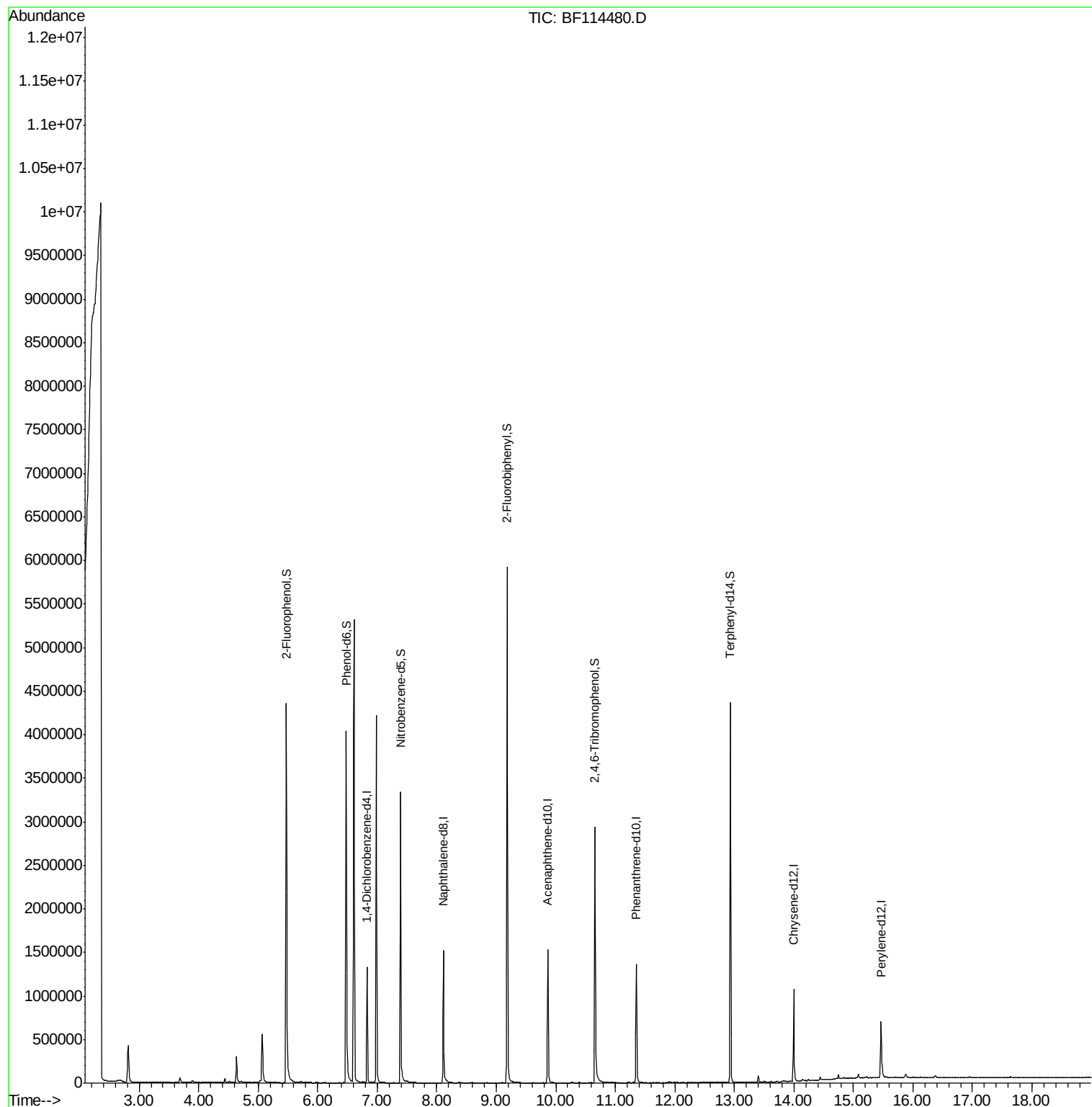
Target Compounds	Qvalue
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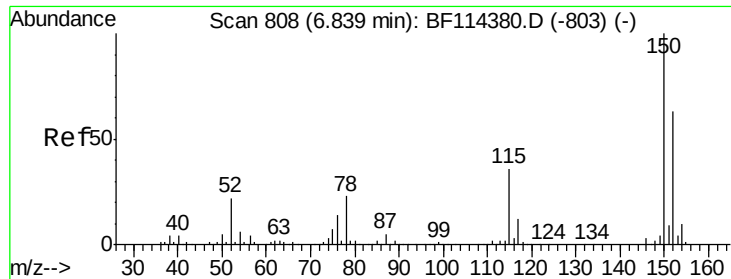
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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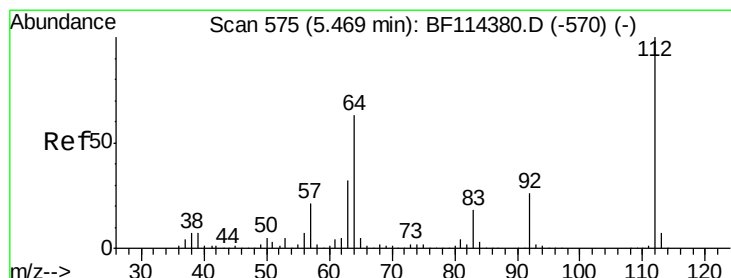
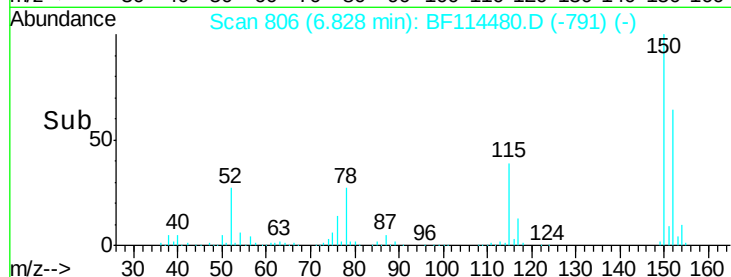
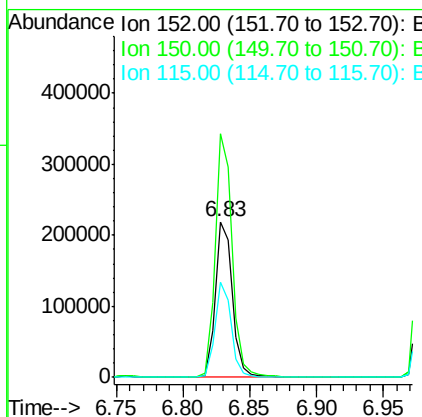
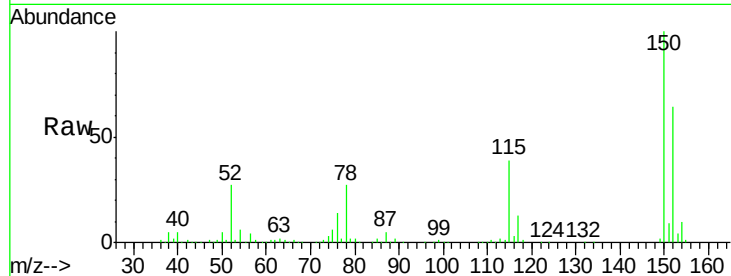


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114480.D
Acq: 22 May 2019 2:52

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1

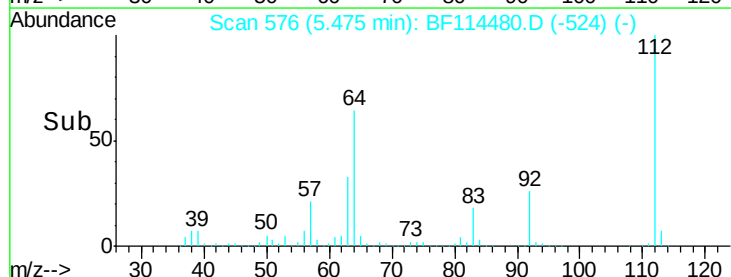
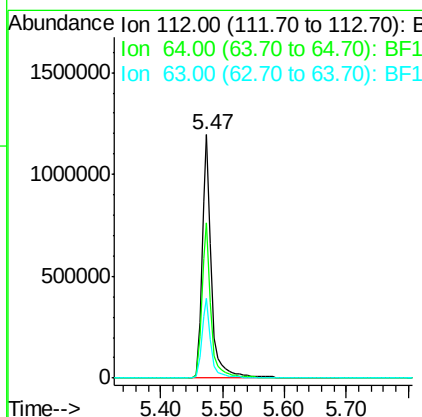
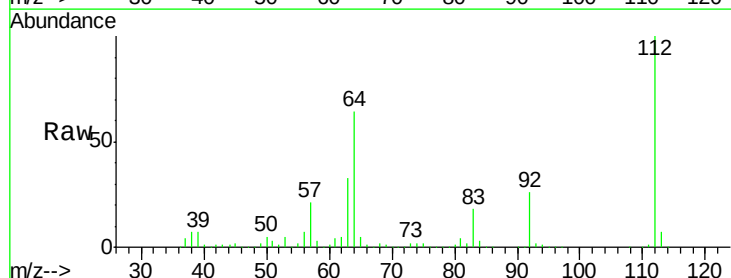
Tgt Ion:152 Resp: 199546
Ion Ratio Lower Upper
152 100
150 156.7 124.3 186.5
115 61.4 49.1 73.7

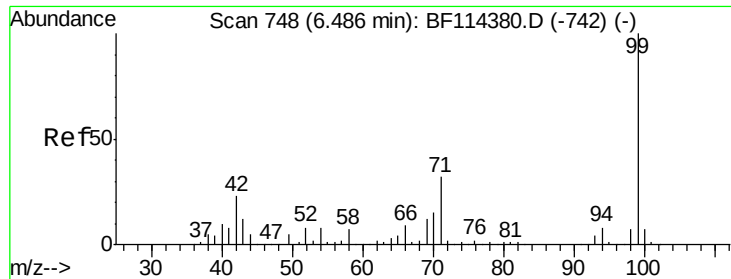


#5

2-Fluorophenol
Concen: 103.790 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF114480.D
Acq: 22 May 2019 2:52

Tgt Ion:112 Resp: 1286978
Ion Ratio Lower Upper
112 100
64 63.8 49.0 73.6
63 32.7 24.6 37.0





#7

Phenol-d6

Concen: 102.797 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114480.D

Acq: 22 May 2019 2:52

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-1

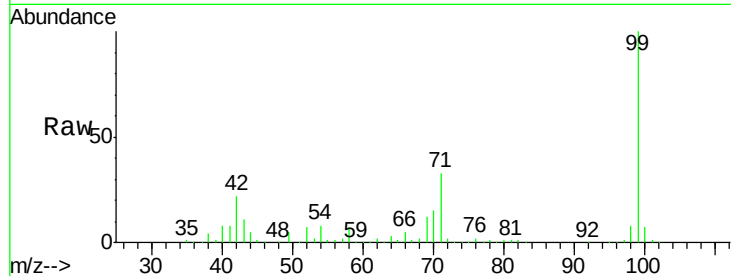
Tgt Ion: 99 Resp: 1507595

Ion Ratio Lower Upper

99 100

42 21.6 17.9 26.9

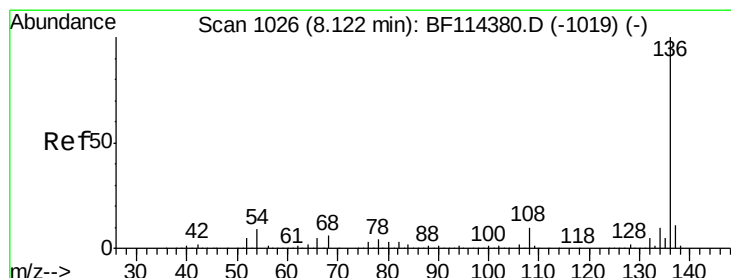
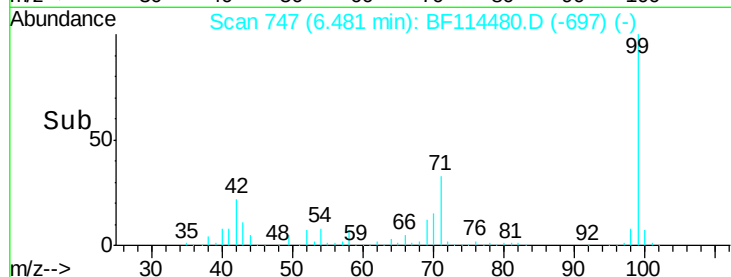
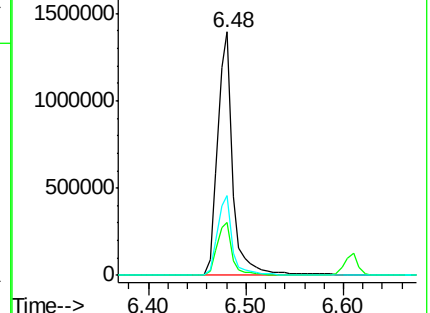
71 32.6 26.2 39.2



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: BF114480.D

Acq: 22 May 2019 2:52

Tgt Ion: 136 Resp: 775912

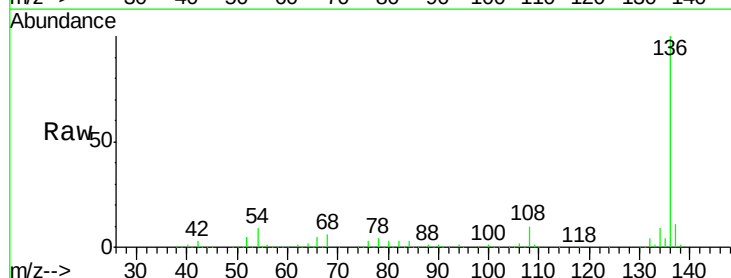
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.3 7.8 11.8

68 5.9 5.1 7.7

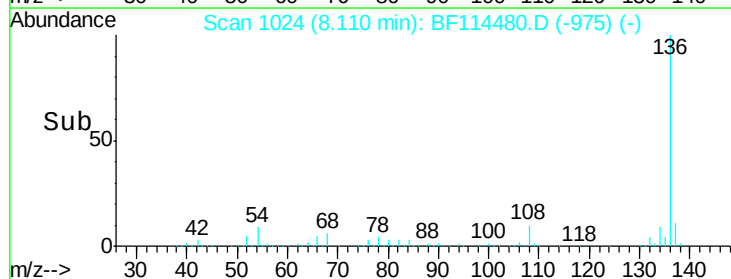
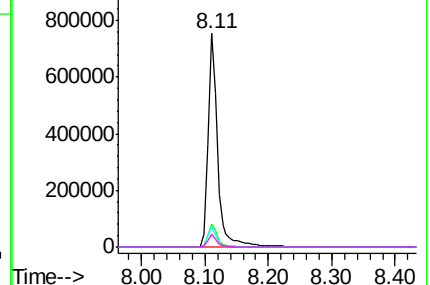


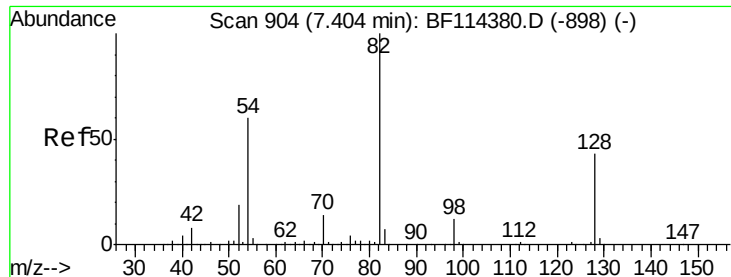
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.263 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF114480.D

Acq: 22 May 2019 2:52

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-1

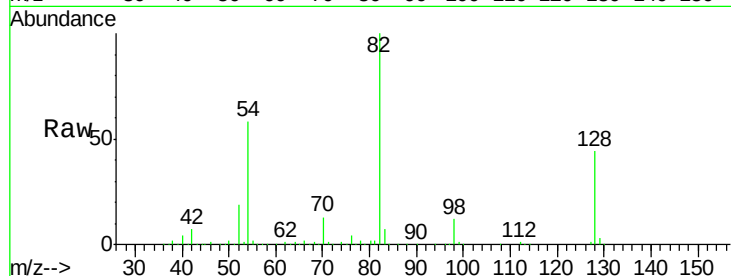
Tgt Ion: 82 Resp: 1137361

Ion Ratio Lower Upper

82 100

128 43.7 35.5 53.3

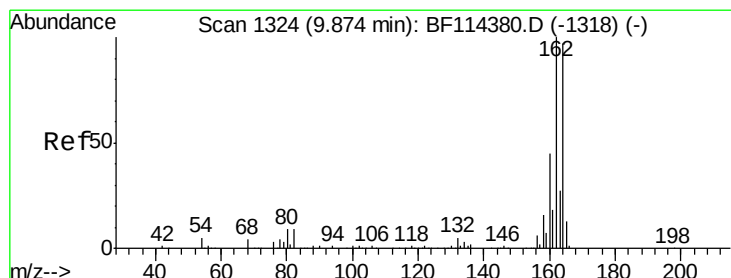
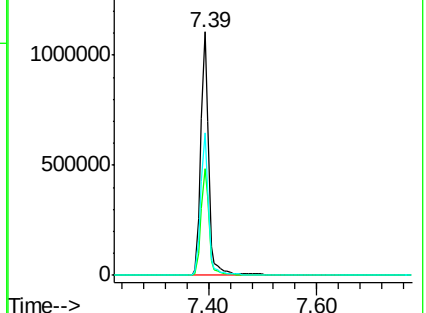
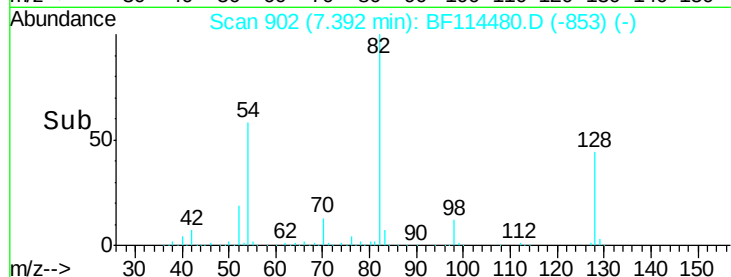
54 58.5 48.5 72.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF114480.D

Acq: 22 May 2019 2:52

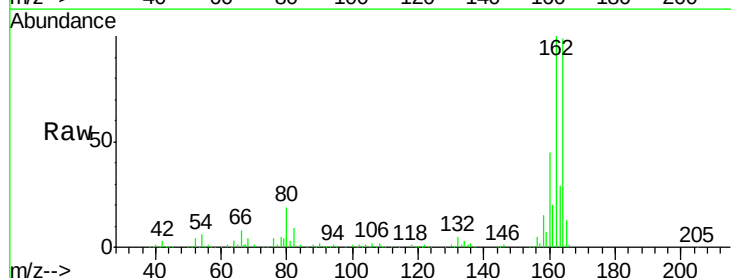
Tgt Ion: 164 Resp: 352528

Ion Ratio Lower Upper

164 100

162 101.3 80.6 120.8

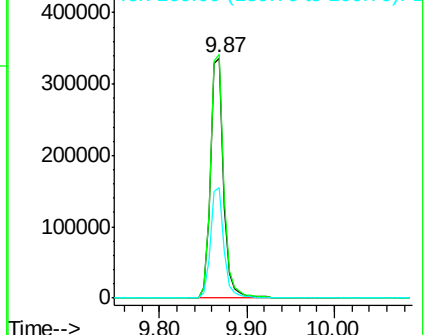
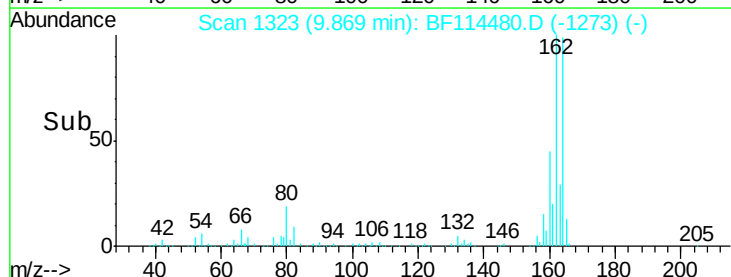
160 45.7 36.5 54.7

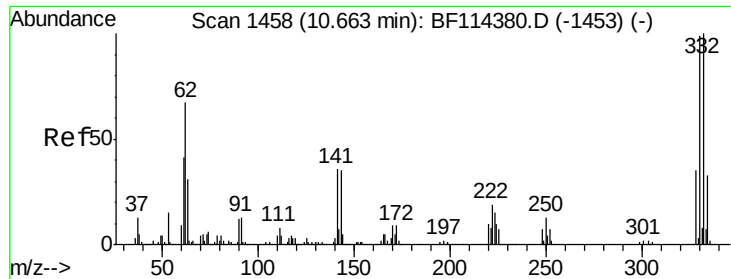


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

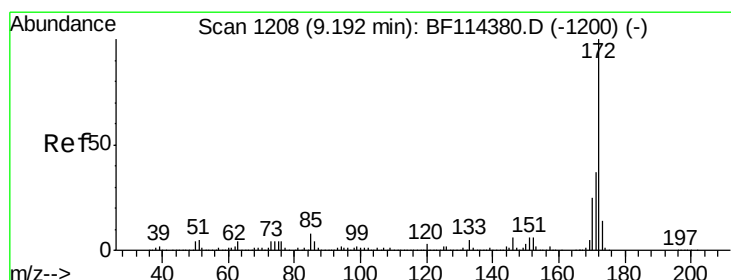
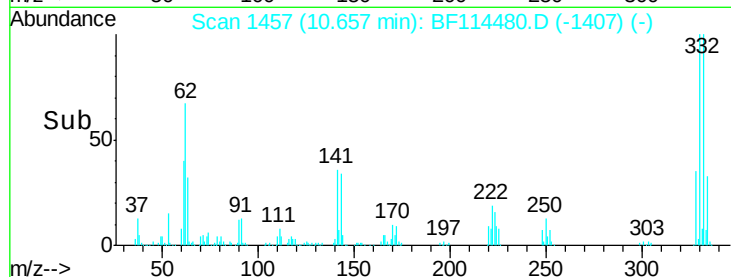
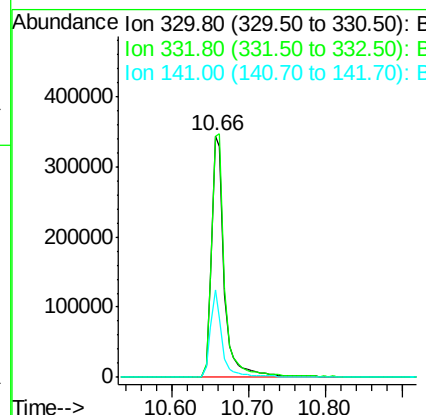
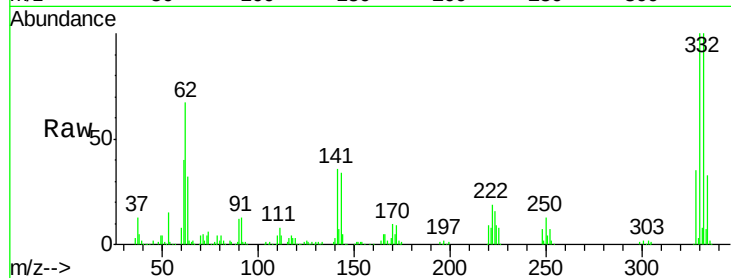




#42
 2,4,6-Tribromophenol
 Concen: 109.324 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BF114480.D
 Acq: 22 May 2019 2:52

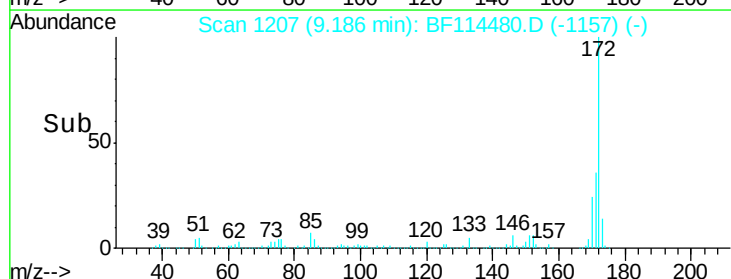
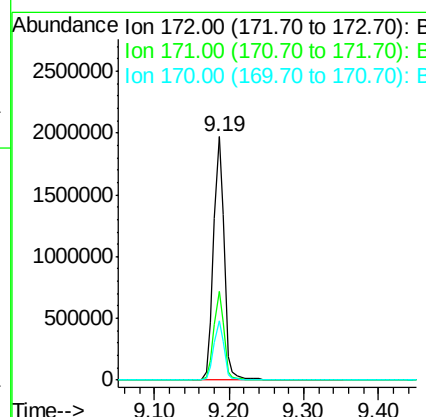
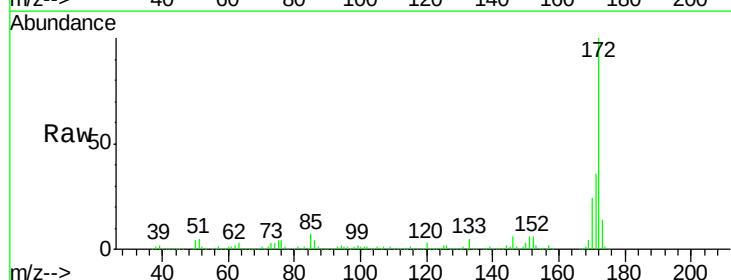
Instrument :
 BNA_F
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 SOIL-COMP-1

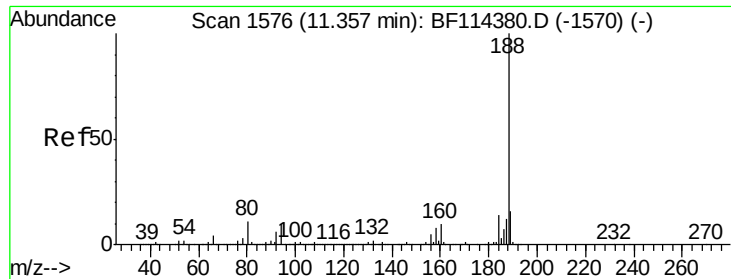
Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.2	81.4	122.2
141	33.7	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 84.772 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114480.D
 Acq: 22 May 2019 2:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.7	46.1
170	24.3	20.5	30.7

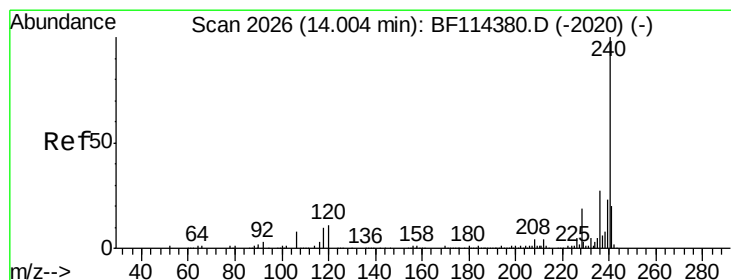
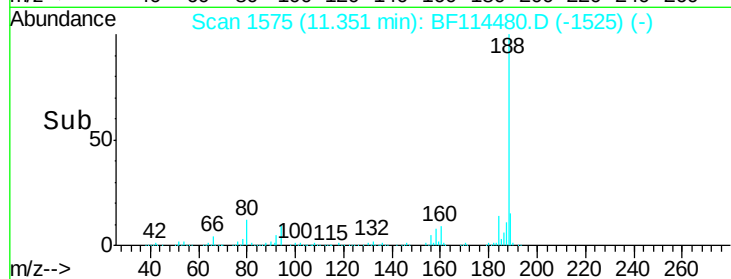
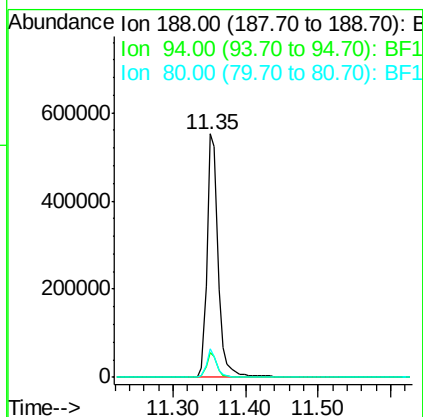
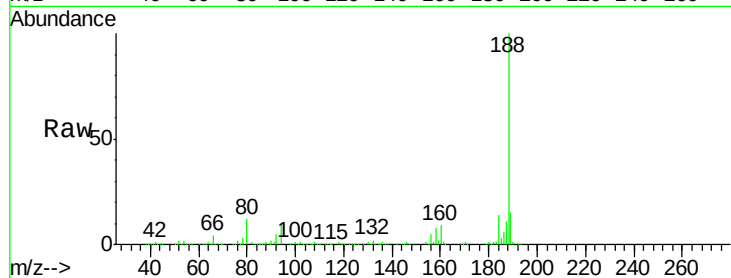




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF114480.D
Acq: 22 May 2019 2:52

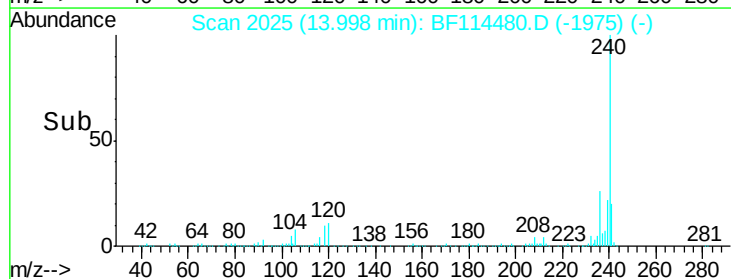
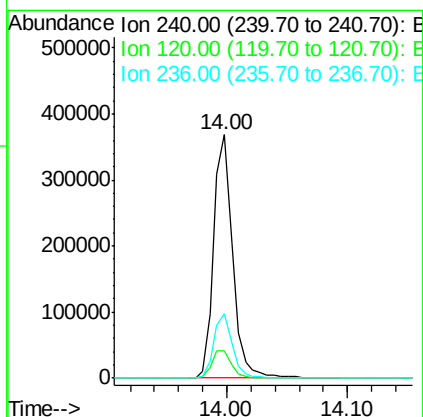
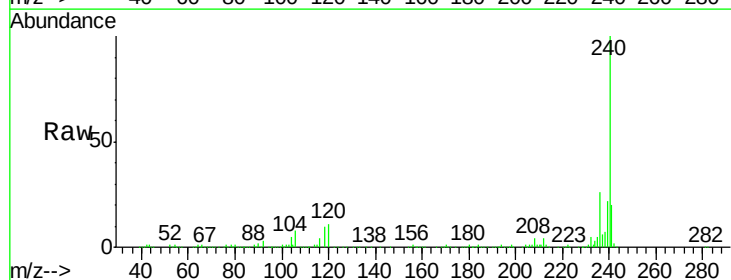
Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1

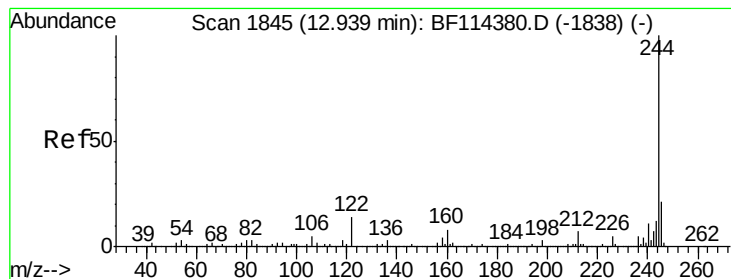
Tgt Ion:188 Resp: 592660
Ion Ratio Lower Upper
188 100
94 10.2 8.4 12.6
80 11.8 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114480.D
Acq: 22 May 2019 2:52

Tgt Ion:240 Resp: 397553
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 26.3 20.8 31.2





#79

Terphenyl-d14

Concen: 79.651 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF114480.D

Acq: 22 May 2019 2:52

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-1

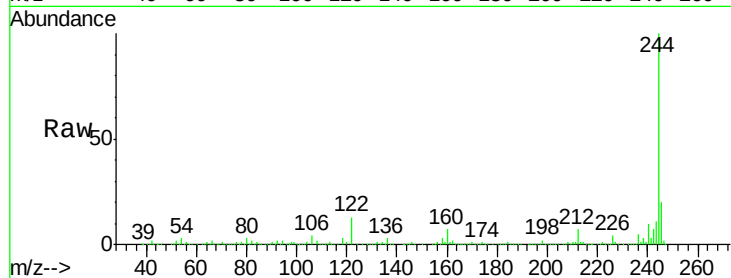
Tgt Ion:244 Resp: 1536101

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

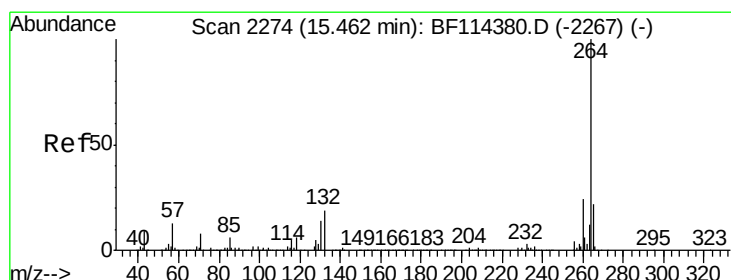
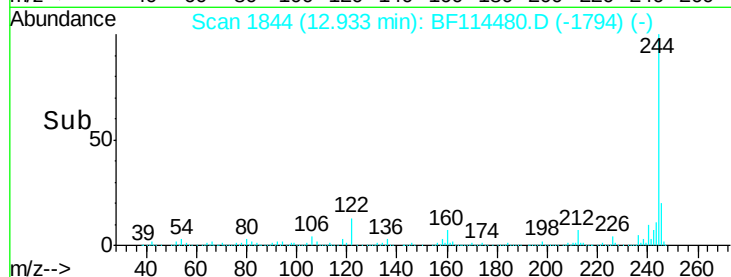
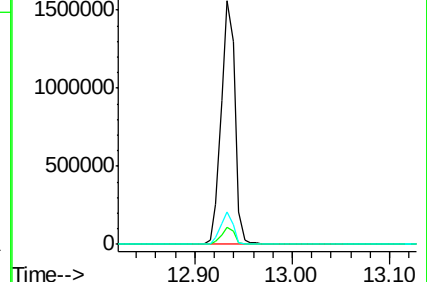
122 13.2 9.4 14.2



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: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF114480.D

Acq: 22 May 2019 2:52

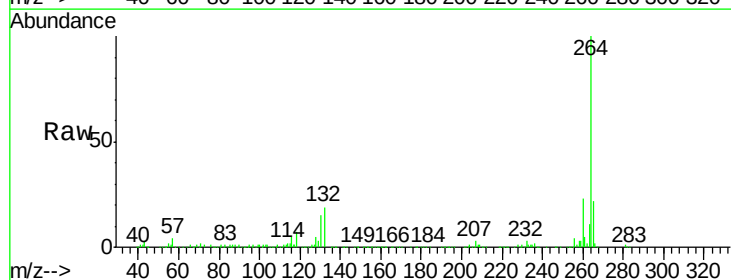
Tgt Ion:264 Resp: 341857

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.0

265 21.5 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

