

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051719\
 Data File : BF114341.D
 Acq On : 17 May 2019 11:28
 Operator : JU/SJ
 Sample : K2851-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP

Quant Time: May 18 05:01:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

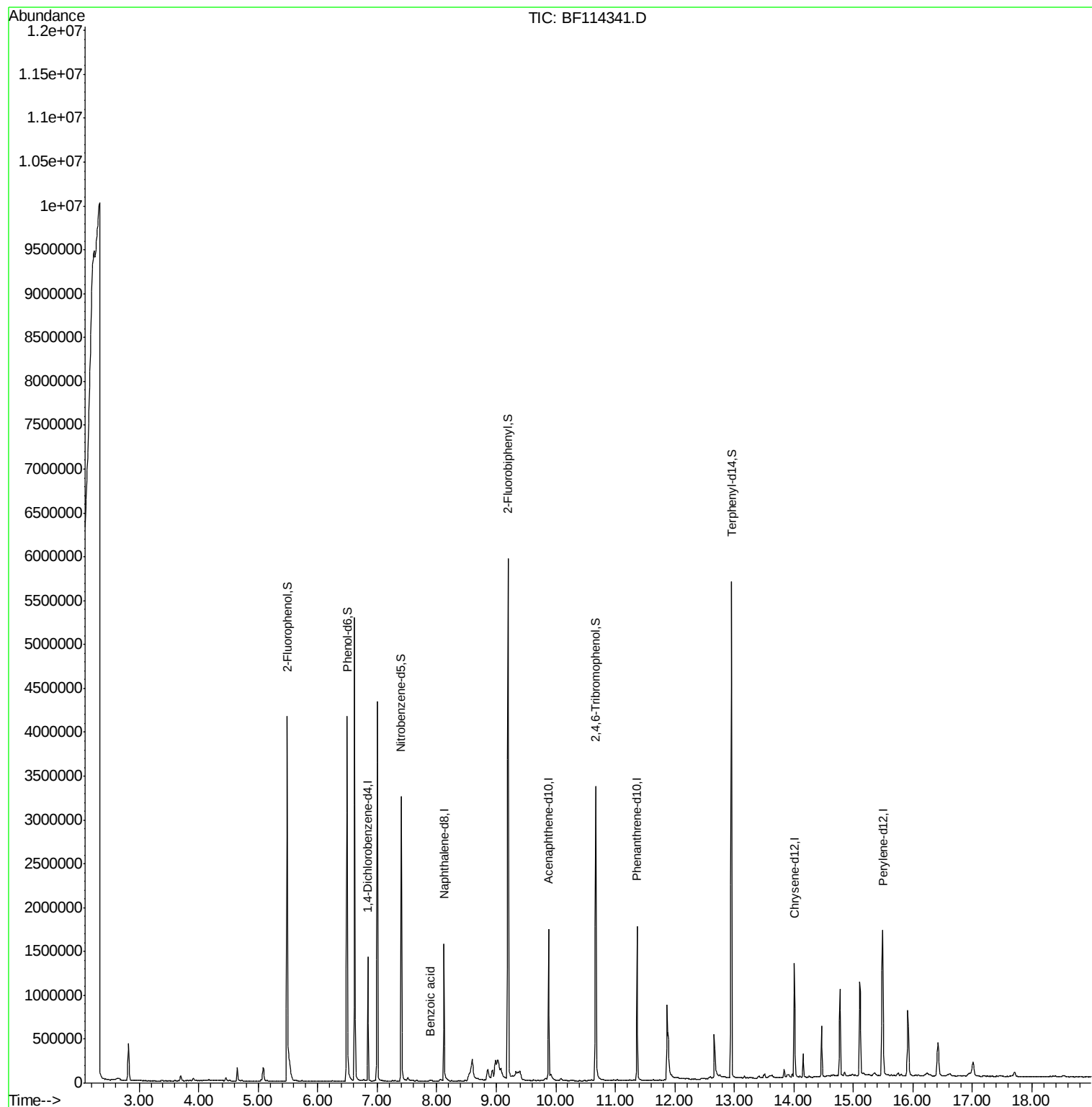
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	197187	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	736174	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	346633	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	706999	20.00	ng	0.00
76) Chrysene-d12	14.01	240	467337	20.00	ng	-0.01
87) Perylene-d12	15.49	264	461394	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1320913	107.80	ng	0.00
7) Phenol-d6	6.49	99	1503208	103.72	ng	0.00
23) Nitrobenzene-d5	7.40	82	1139873	86.89	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	451896	126.10	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1947321	84.98	ng	-0.01
79) Terphenyl-d14	12.95	244	2004030	88.40	ng	0.00
Target Compounds						
32) Benzoic acid	7.90	122	3522	7.435	ng	Qvalue # 65

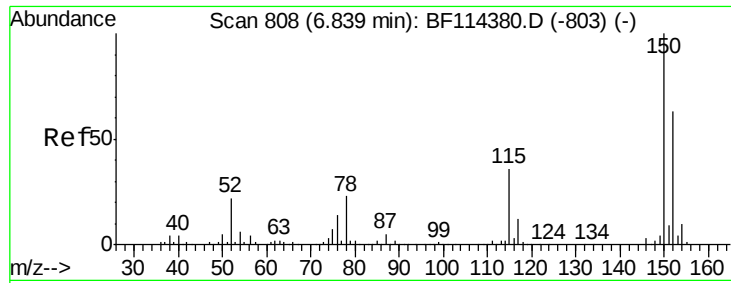
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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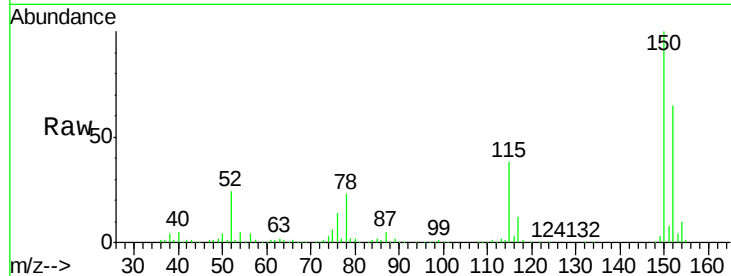


#1

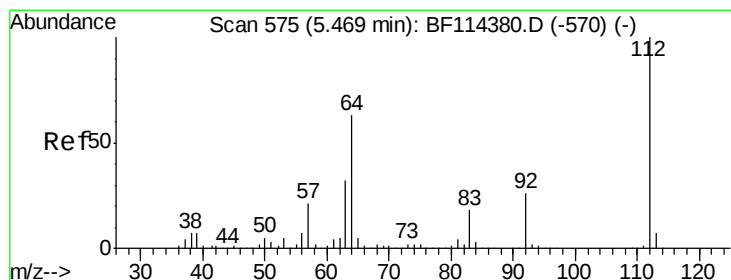
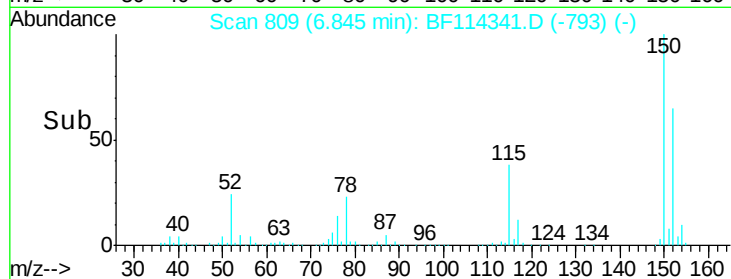
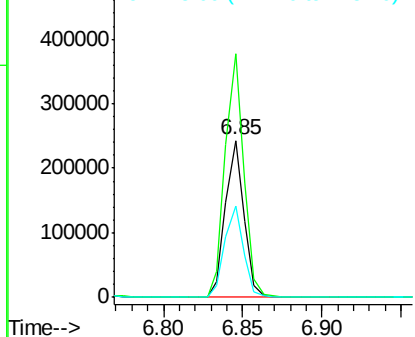
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114341.D
Acq: 17 May 2019 11:28

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Tgt Ion:152 Resp: 197187
Ion Ratio Lower Upper
152 100
150 154.9 124.3 186.5
115 58.1 49.1 73.7



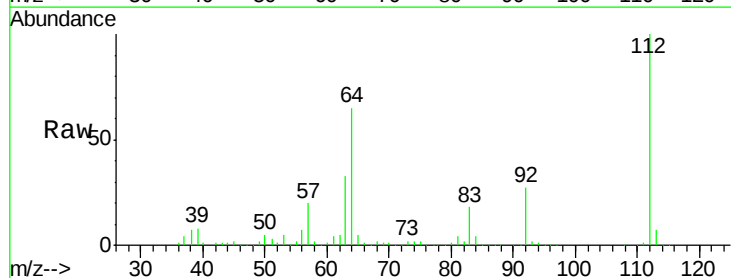
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



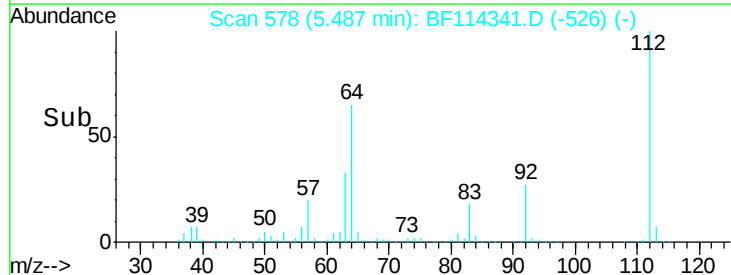
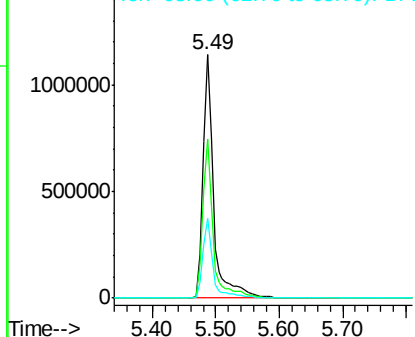
#5

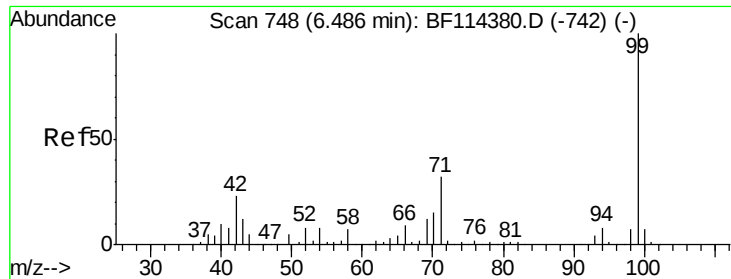
2-Fluorophenol
Concen: 107.801 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF114341.D
Acq: 17 May 2019 11:28

Tgt Ion:112 Resp: 1320913
Ion Ratio Lower Upper
112 100
64 65.3 49.0 73.6
63 32.7 24.6 37.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 103.724 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP

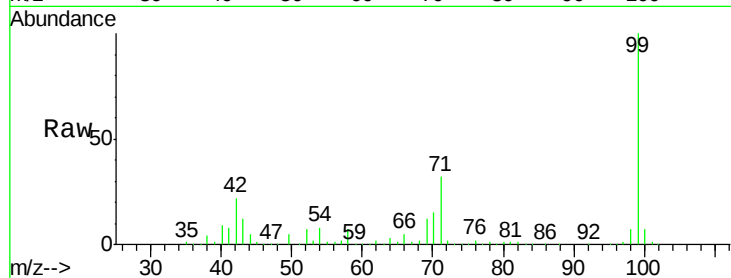
Tgt Ion: 99 Resp: 1503208

Ion Ratio Lower Upper

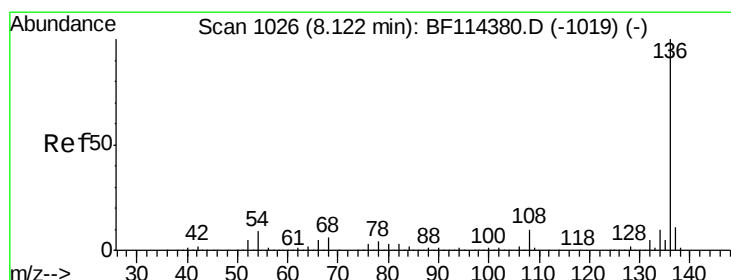
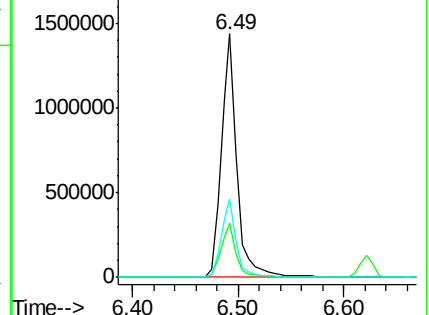
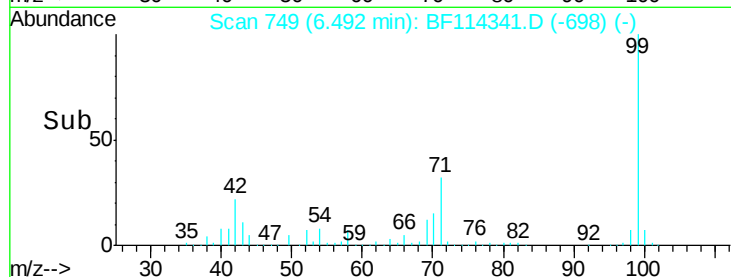
99 100

42 22.2 17.9 26.9

71 32.1 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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

Tgt Ion: 136 Resp: 736174

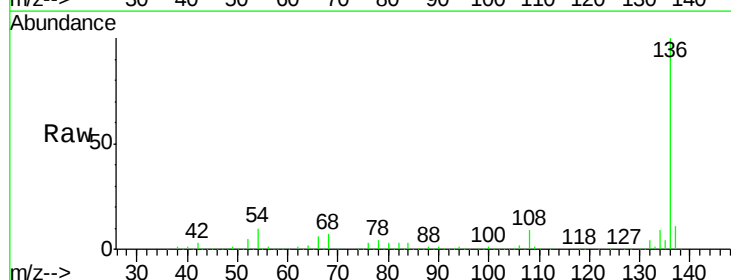
Ion Ratio Lower Upper

136 100

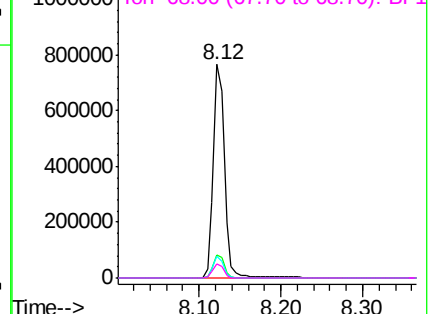
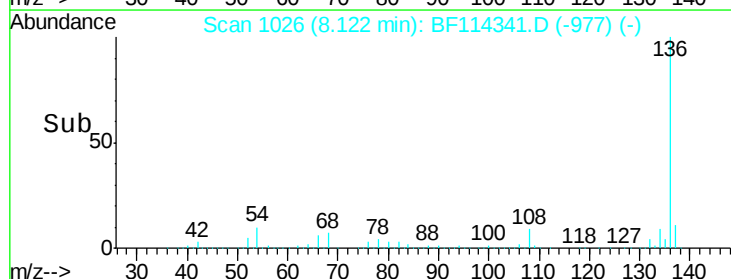
137 11.1 8.8 13.2

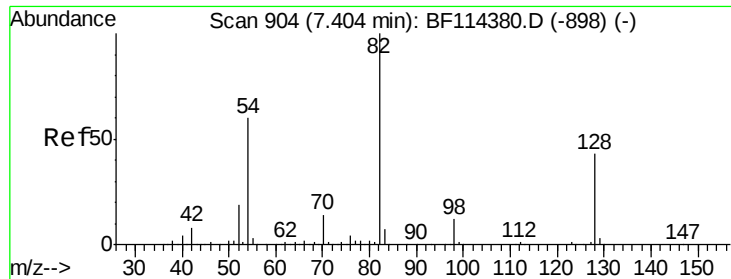
54 10.4 7.8 11.8

68 6.7 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

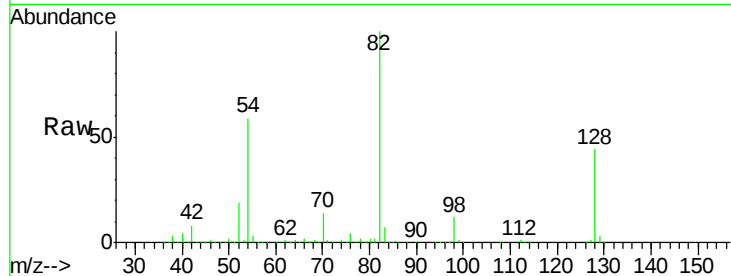




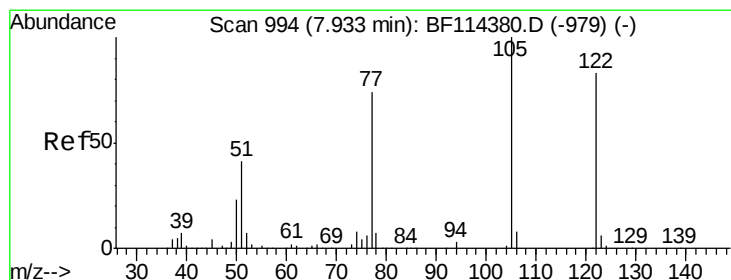
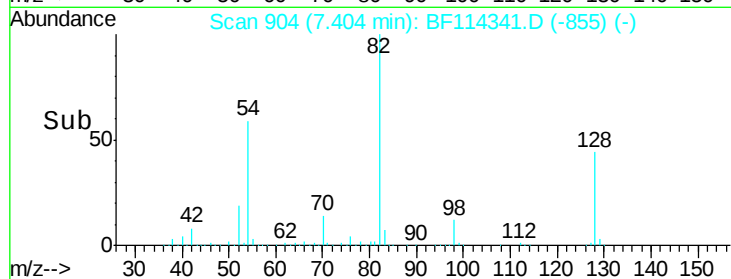
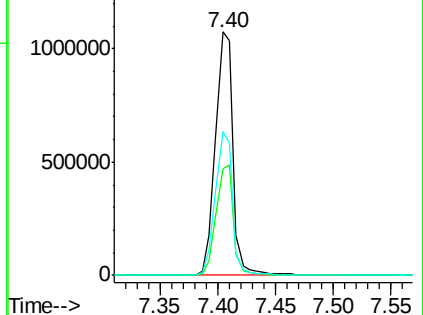
#23
 Nitrobenzene-d5
 Concen: 86.895 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114341.D
 Acq: 17 May 2019 11:28

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP

Tgt Ion: 82 Resp: 1139873
 Ion Ratio Lower Upper
 82 100
 128 43.7 35.5 53.3
 54 59.2 48.5 72.7

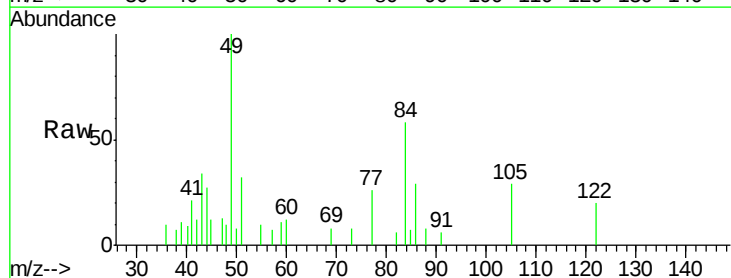


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

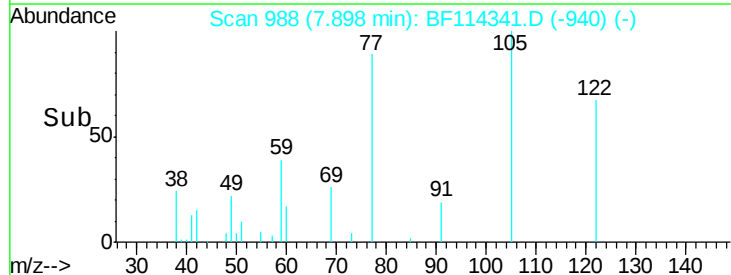
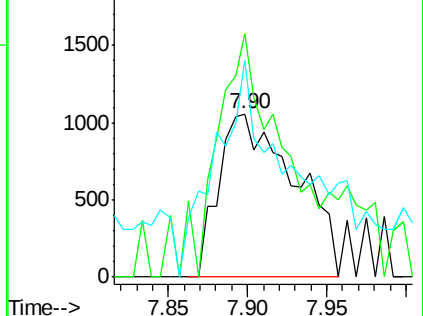


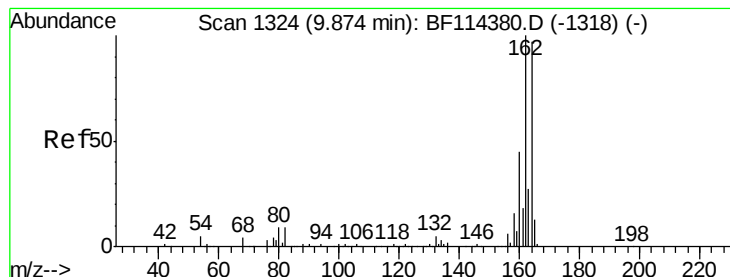
#32
 Benzoic acid
 Concen: 7.435 ng
 RT: 7.90 min Scan# 988
 Delta R.T. -0.02 min
 Lab File: BF114341.D
 Acq: 17 May 2019 11:28

Tgt Ion: 122 Resp: 3522
 Ion Ratio Lower Upper
 122 100
 105 149.4 99.9 139.9#
 77 133.3 69.4 109.4#



Abundance Ion 122.00 (121.70 to 122.70): BF1
 Ion 105.00 (104.70 to 105.70): BF1
 Ion 77.00 (76.70 to 77.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP

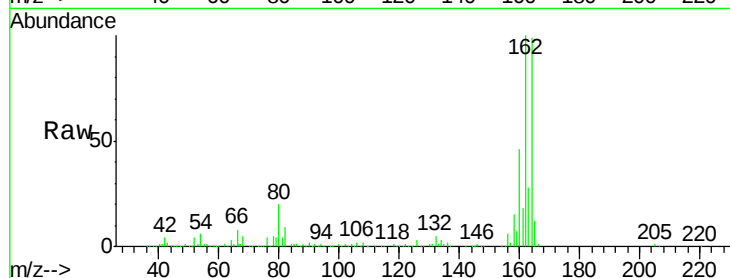
Tgt Ion:164 Resp: 346633

Ion Ratio Lower Upper

164 100

162 100.7 80.6 120.8

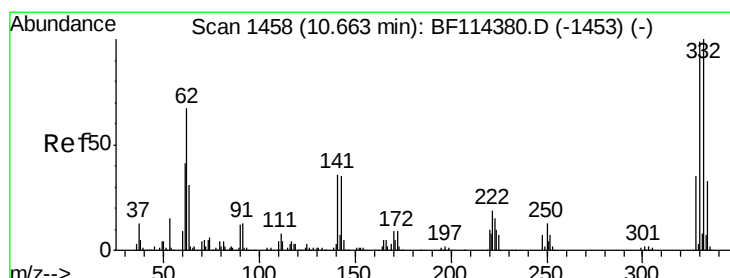
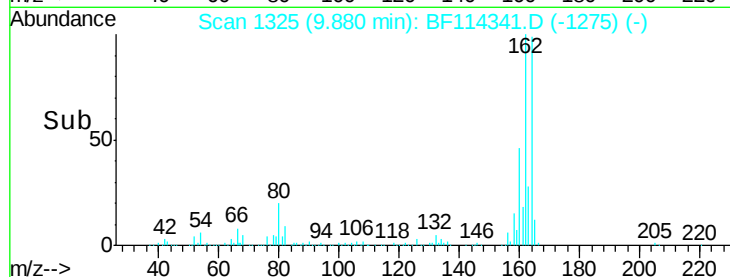
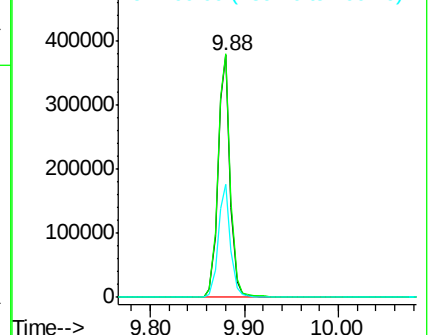
160 46.5 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 126.101 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

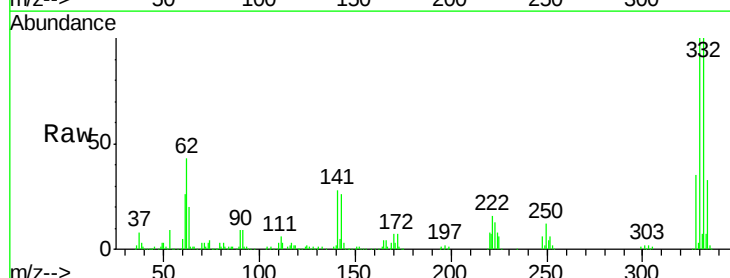
Tgt Ion:330 Resp: 451896

Ion Ratio Lower Upper

330 100

332 102.3 81.4 122.2

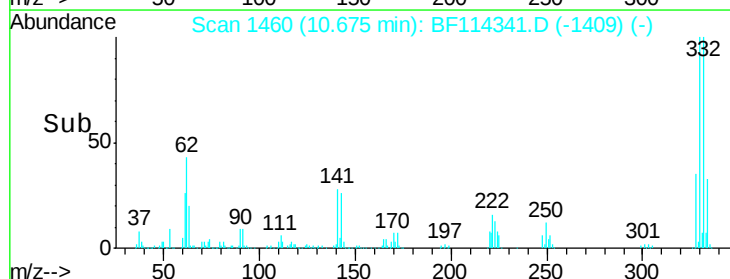
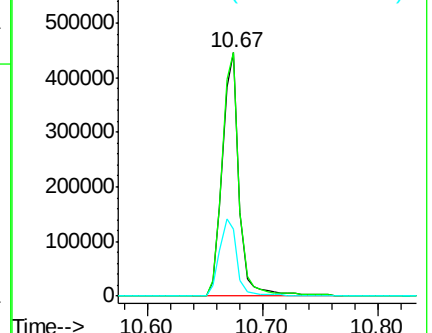
141 33.7 26.6 40.0

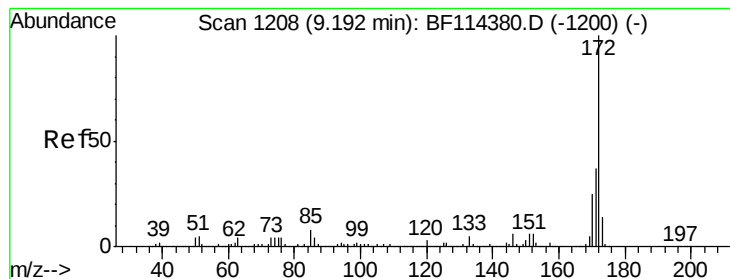


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 84.979 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

Instrument :

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SOIL-COMP

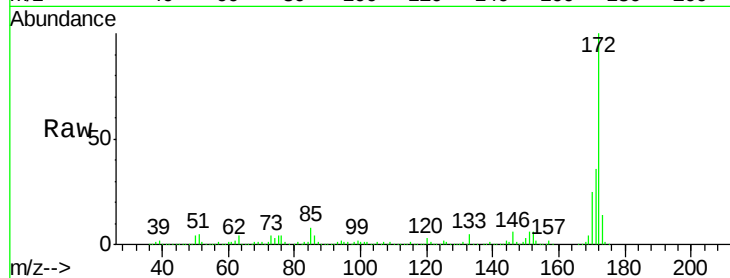
Tgt Ion:172 Resp: 1947321

Ion Ratio Lower Upper

172 100

171 36.3 30.7 46.1

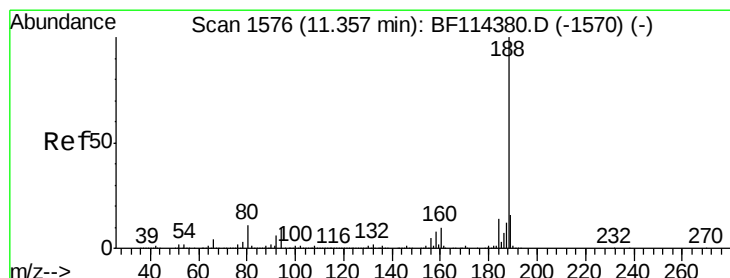
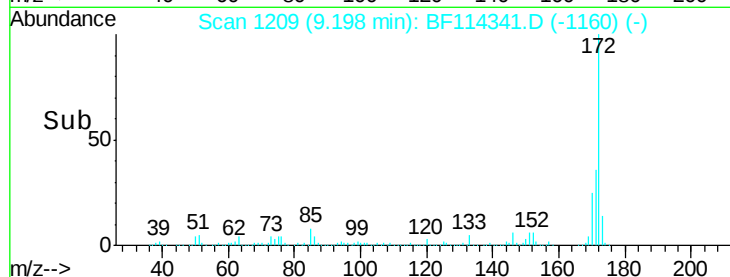
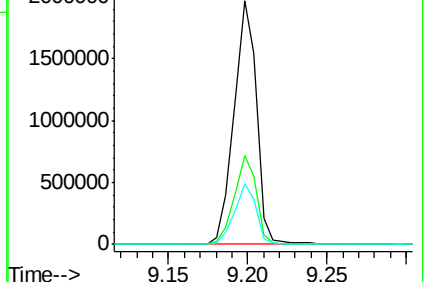
170 24.6 20.5 30.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF114341.D

Acq: 17 May 2019 11:28

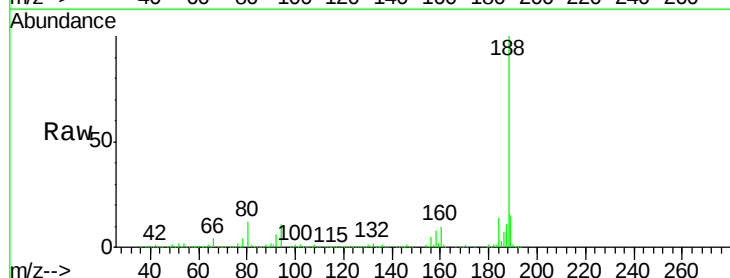
Tgt Ion:188 Resp: 706999

Ion Ratio Lower Upper

188 100

94 10.8 8.4 12.6

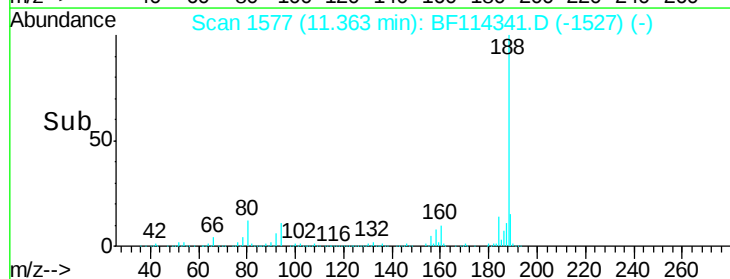
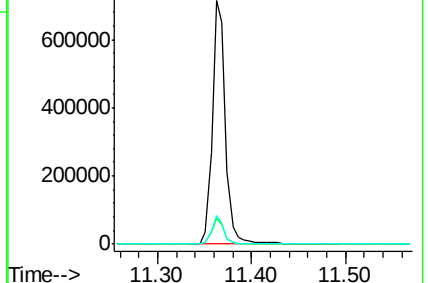
80 11.9 9.2 13.8

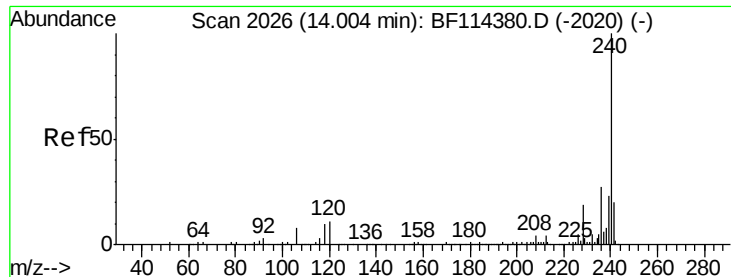


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

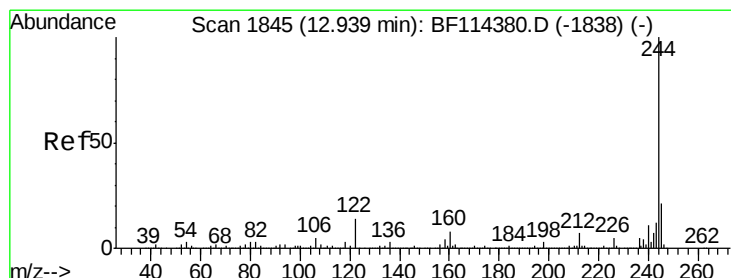
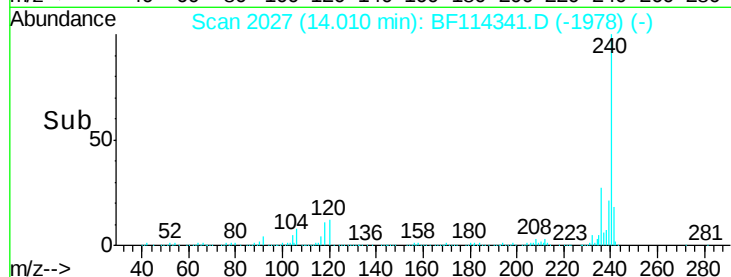
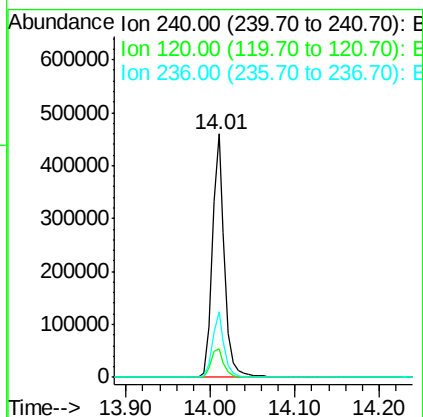
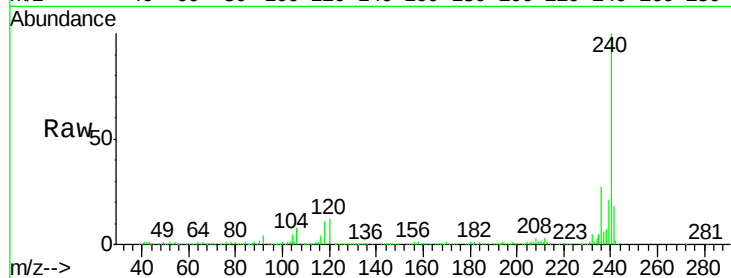




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114341.D
Acq: 17 May 2019 11:28

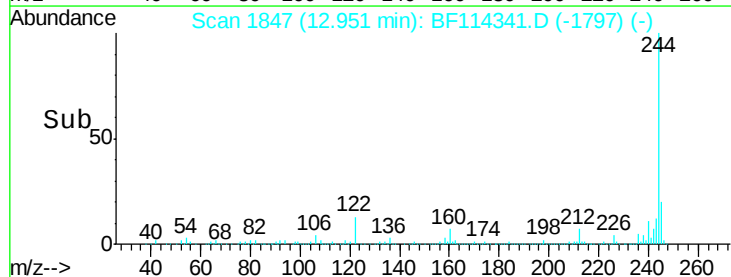
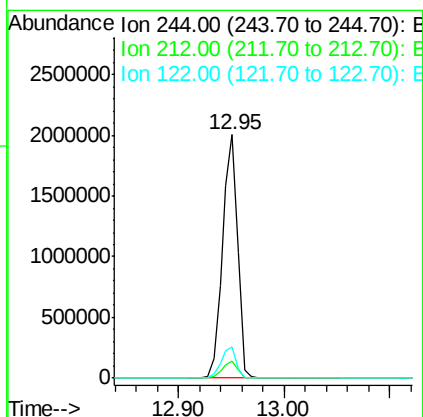
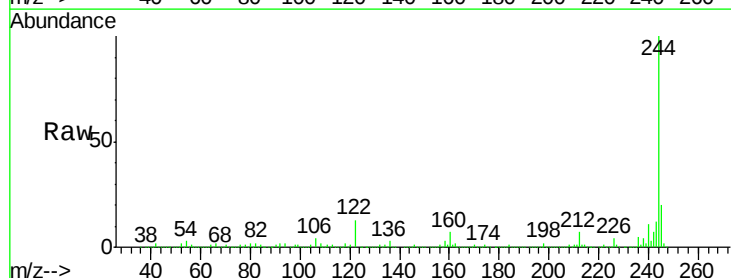
Instrument :
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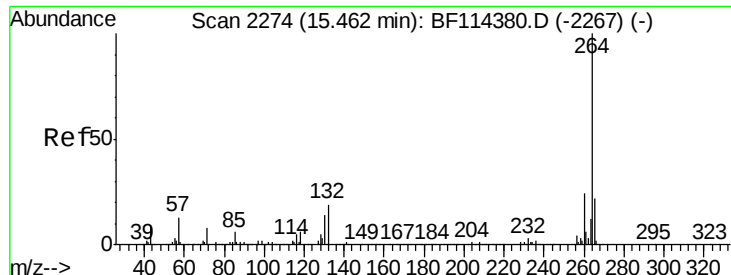
Tgt Ion:240 Resp: 467337
Ion Ratio Lower Upper
240 100
120 12.0 8.3 12.5
236 26.8 20.8 31.2



#79
Terphenyl-d14
Concen: 88.398 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF114341.D
Acq: 17 May 2019 11:28

Tgt Ion:244 Resp: 2004030
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 12.9 9.4 14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF114341.D
Acq: 17 May 2019 11:28

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.0	16.9	25.3

