

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114472.D
 Acq On : 21 May 2019 22:28
 Operator : JU/SJ
 Sample : K2922-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-1

Quant Time: May 22 07:52:45 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

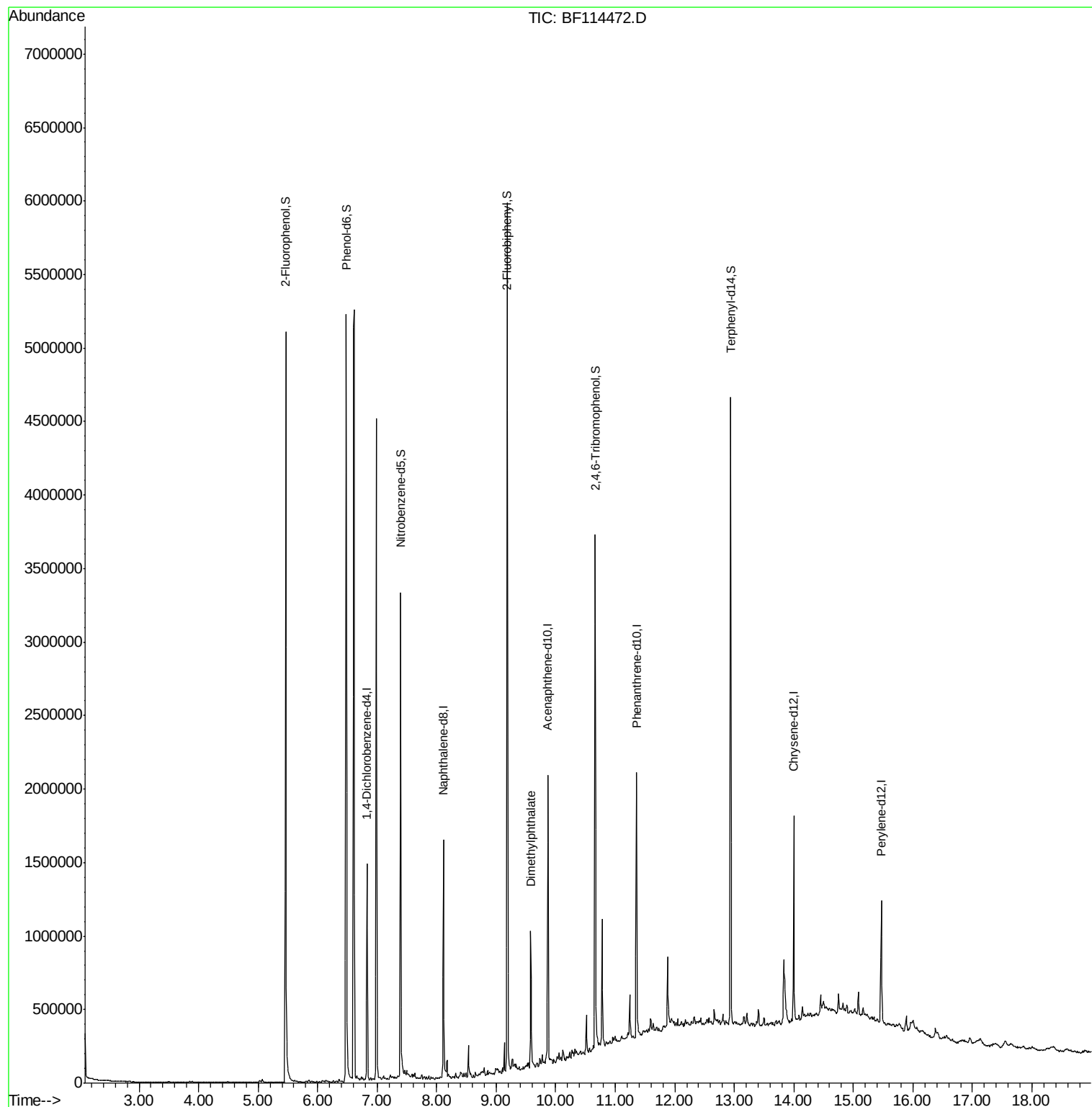
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	206077	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	796943	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	378656	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	687484	20.00	ng	0.00
76) Chrysene-d12	14.00	240	444455	20.00	ng	0.00
87) Perylene-d12	15.47	264	381173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1445103	112.85	ng	0.00
7) Phenol-d6	6.48	99	1901812	125.57	ng	0.00
23) Nitrobenzene-d5	7.39	82	1122158	79.02	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	451954	115.45	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1893678	75.65	ng	0.00
79) Terphenyl-d14	12.94	244	1531019	71.01	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	300766	10.820	ng	Qvalue 100

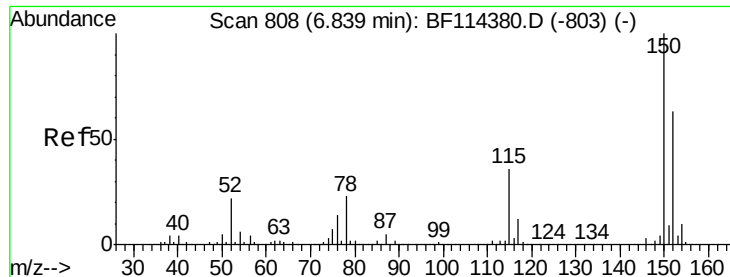
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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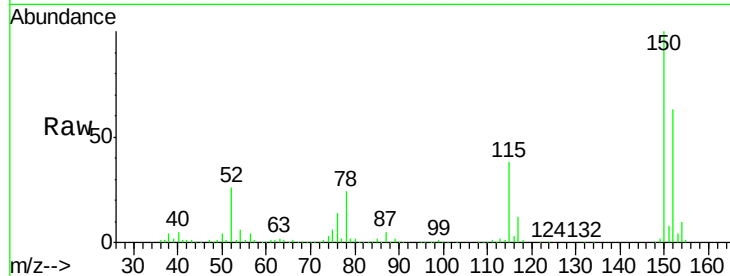


#1

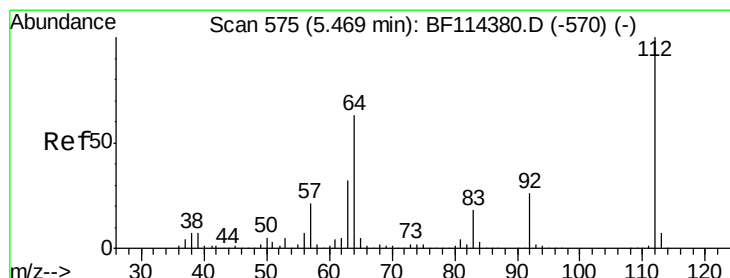
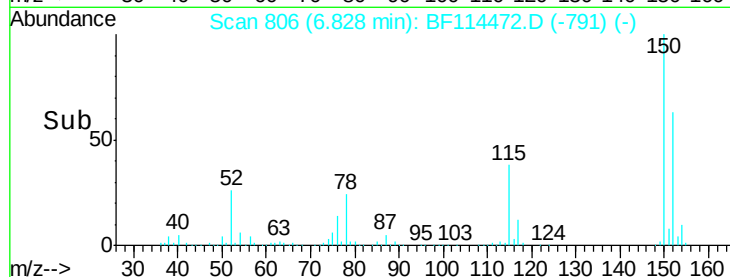
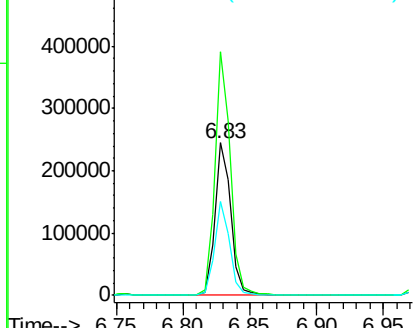
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114472.D
Acq: 21 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1

Tgt Ion:152 Resp: 206077
Ion Ratio Lower Upper
152 100
150 159.7 124.3 186.5
115 61.2 49.1 73.7



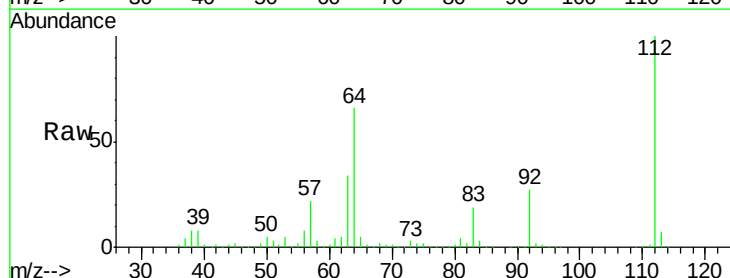
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



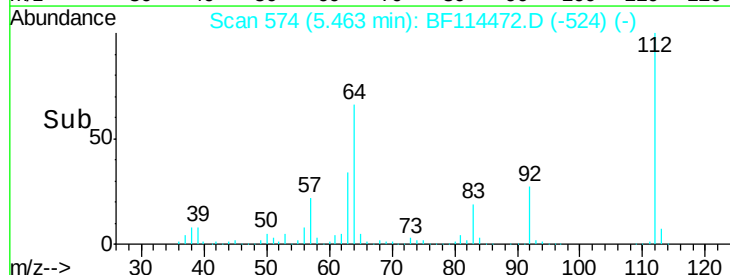
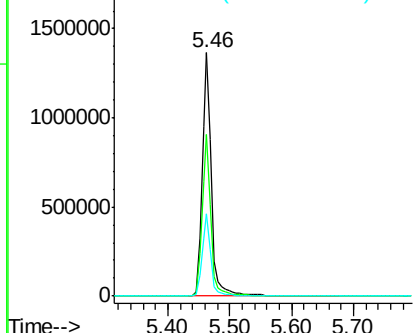
#5

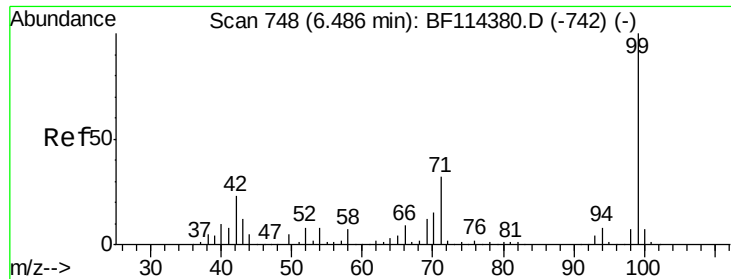
2-Fluorophenol
Concen: 112.849 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF114472.D
Acq: 21 May 2019 22:28

Tgt Ion:112 Resp: 1445103
Ion Ratio Lower Upper
112 100
64 66.2 49.0 73.6
63 33.8 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: 125.568 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114472.D

Acq: 21 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-1

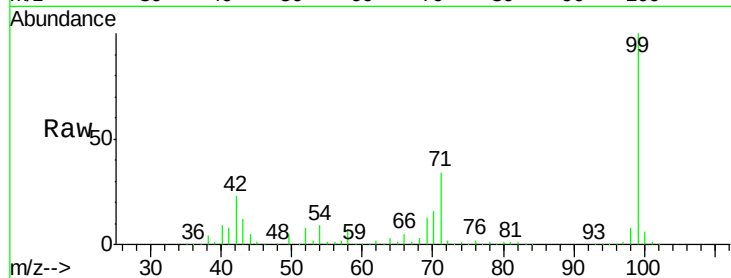
Tgt Ion: 99 Resp: 1901812

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

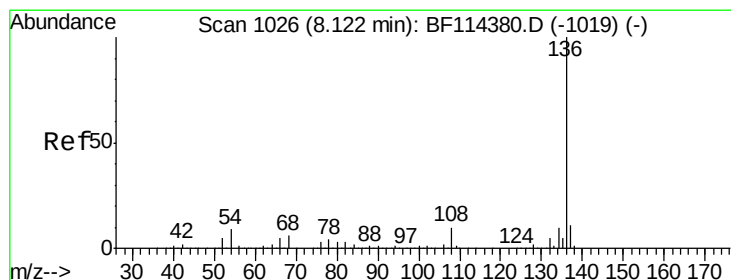
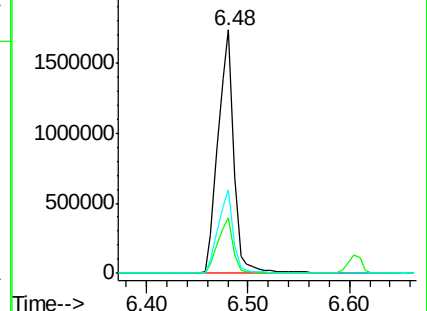
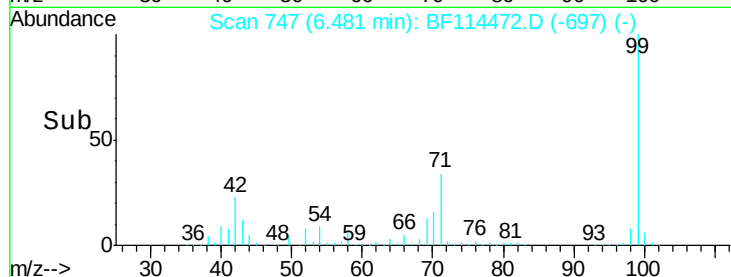
71 34.4 26.2 39.2



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: BF114472.D

Acq: 21 May 2019 22:28

Tgt Ion: 136 Resp: 796943

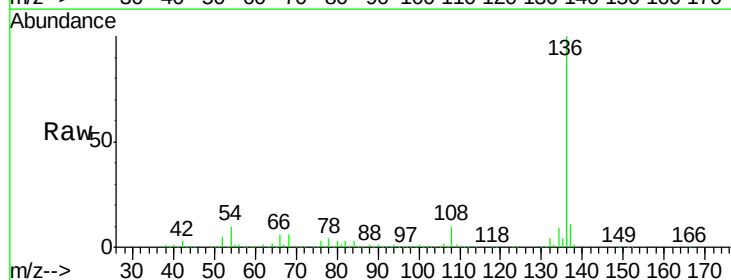
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.2 7.8 11.8

68 6.4 5.1 7.7

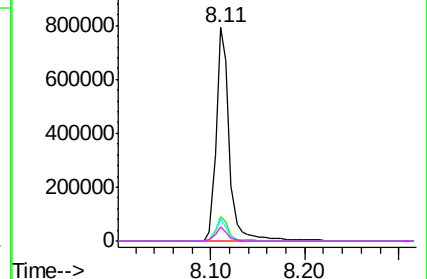
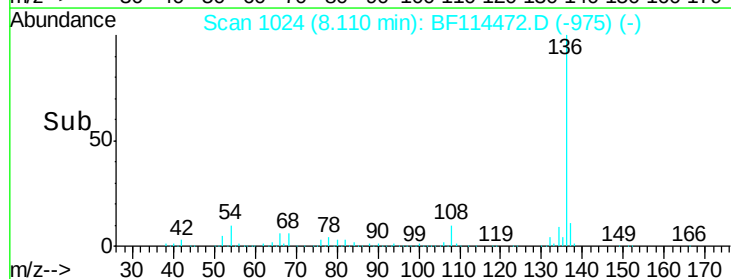


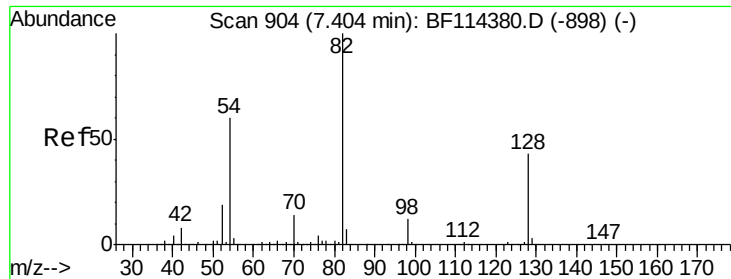
Abundance Ion 136.00 (135.70 to 136.70): E

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

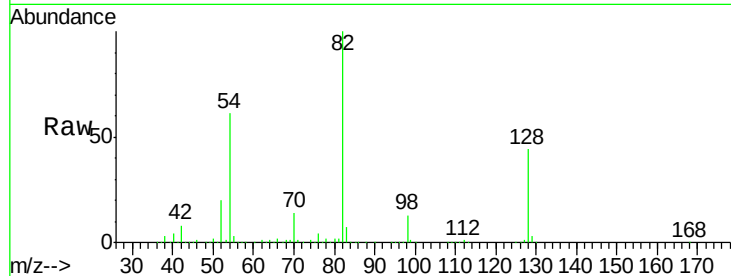




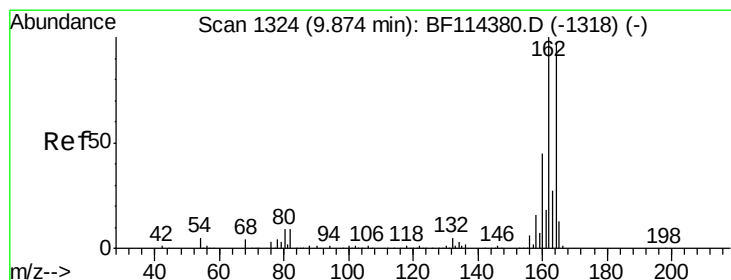
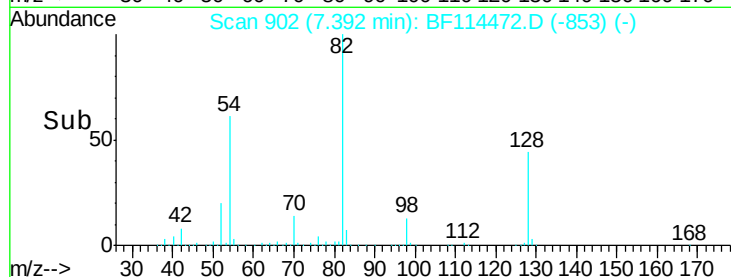
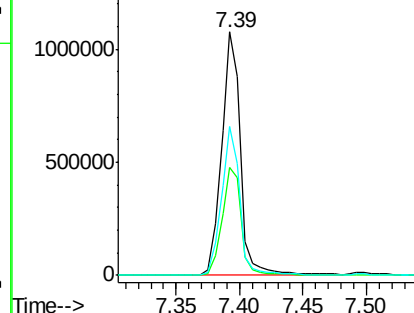
#23
Nitrobenzene-d5
Concen: 79.021 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF114472.D
Acq: 21 May 2019 22:28

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1

Tgt Ion: 82 Resp: 1122158
Ion Ratio Lower Upper
82 100
128 44.3 35.5 53.3
54 60.9 48.5 72.7

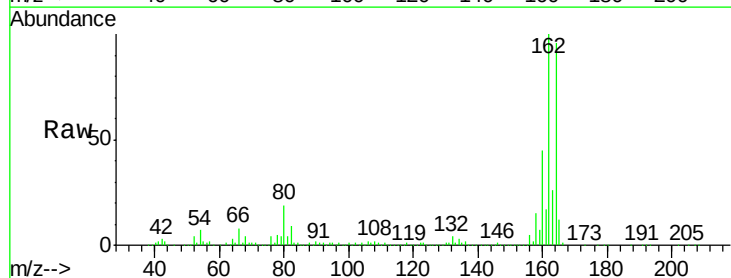


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

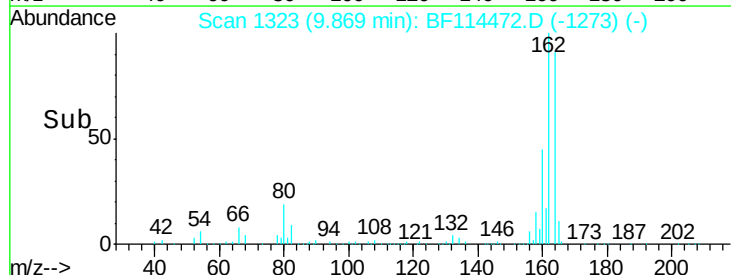
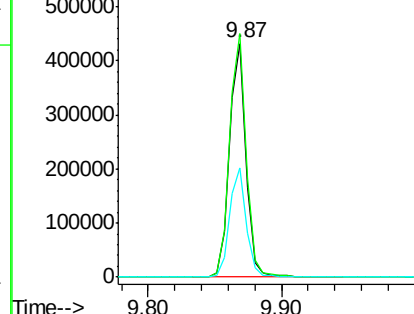


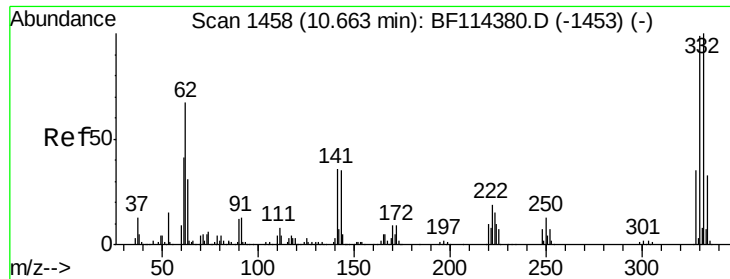
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF114472.D
Acq: 21 May 2019 22:28

Tgt Ion: 164 Resp: 378656
Ion Ratio Lower Upper
164 100
162 104.1 80.6 120.8
160 46.7 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: 115.451 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF114472.D

Acq: 21 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-1

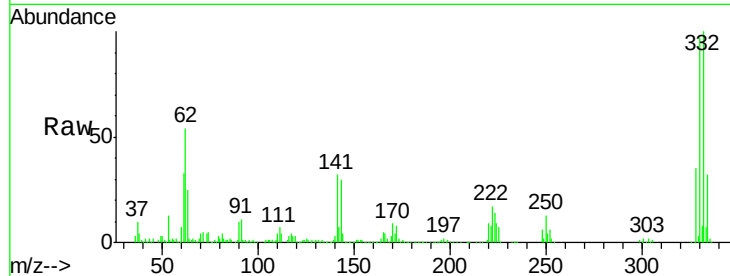
Tgt Ion:330 Resp: 451954

Ion Ratio Lower Upper

330 100

332 102.3 81.4 122.2

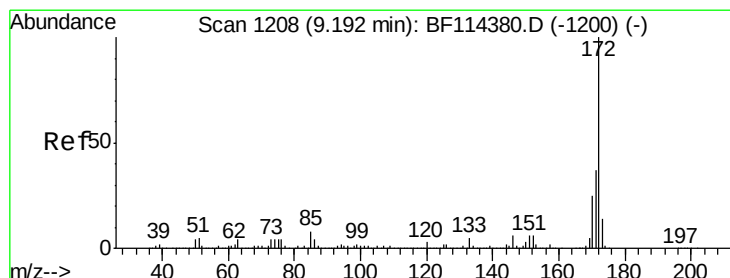
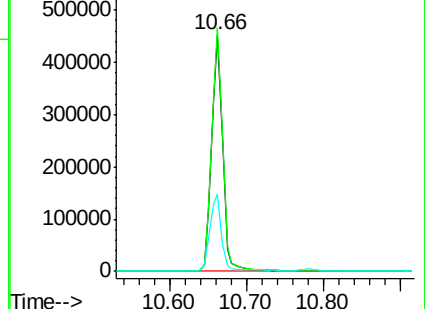
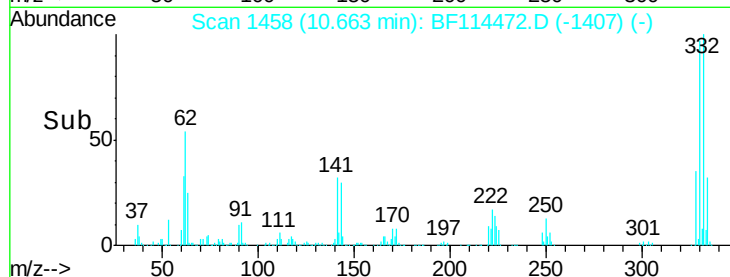
141 33.5 26.6 40.0



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: 75.649 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF114472.D

Acq: 21 May 2019 22:28

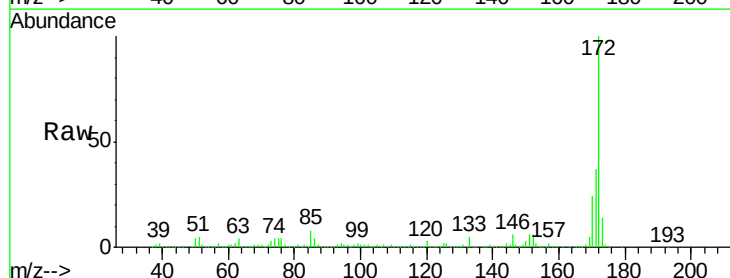
Tgt Ion:172 Resp: 1893678

Ion Ratio Lower Upper

172 100

171 36.7 30.7 46.1

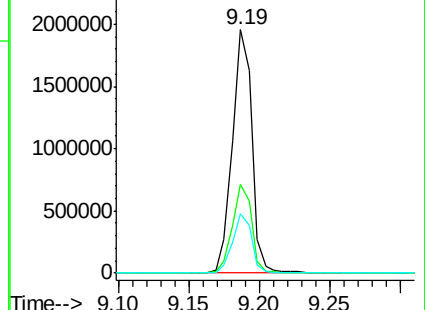
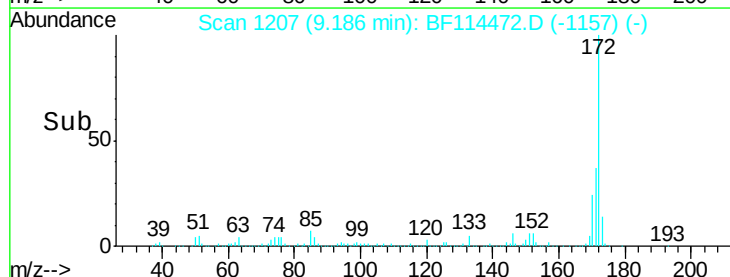
170 24.3 20.5 30.7

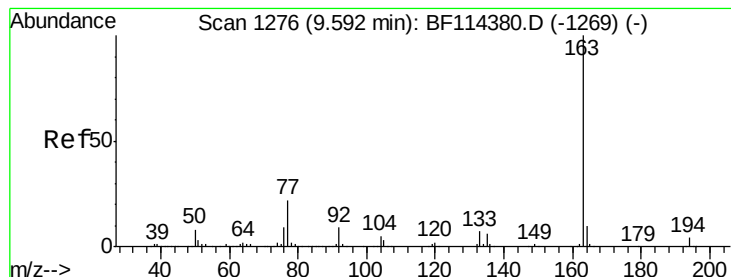


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.820 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114472.D

Acq: 21 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-1

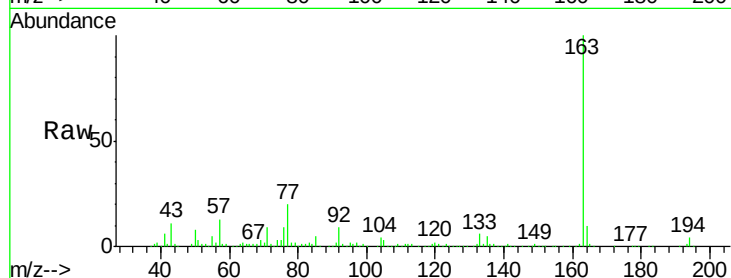
Tgt Ion:163 Resp: 300766

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.0

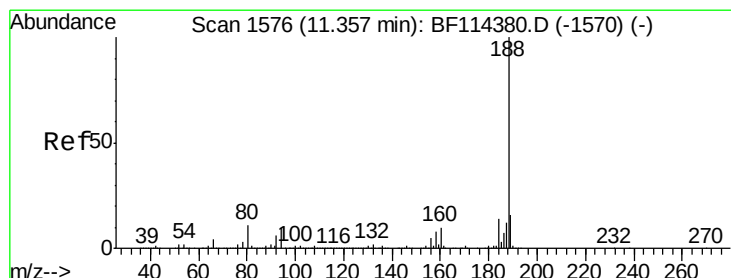
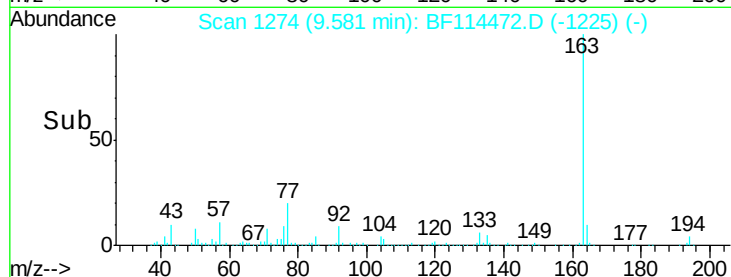
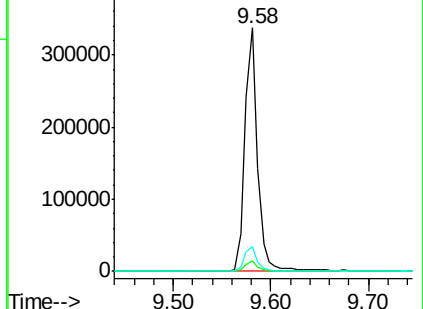
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.00 min

Lab File: BF114472.D

Acq: 21 May 2019 22:28

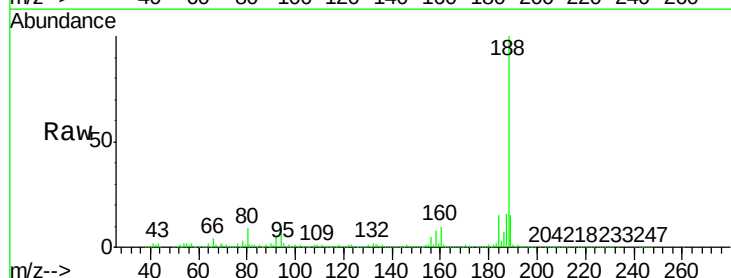
Tgt Ion:188 Resp: 687484

Ion Ratio Lower Upper

188 100

94 9.1 8.4 12.6

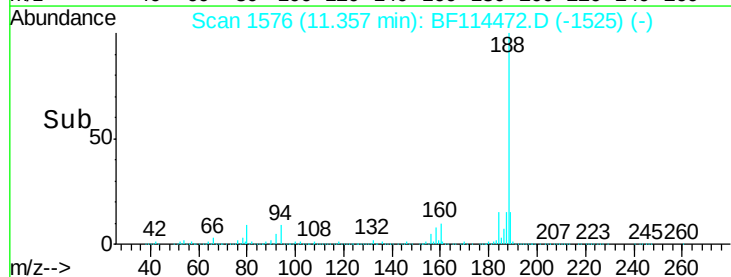
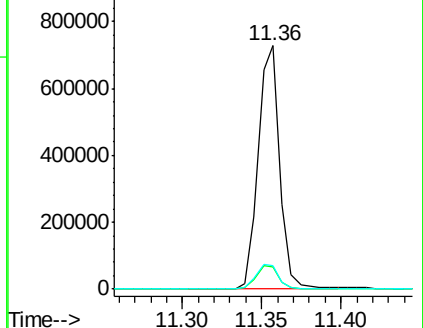
80 9.5 9.2 13.8

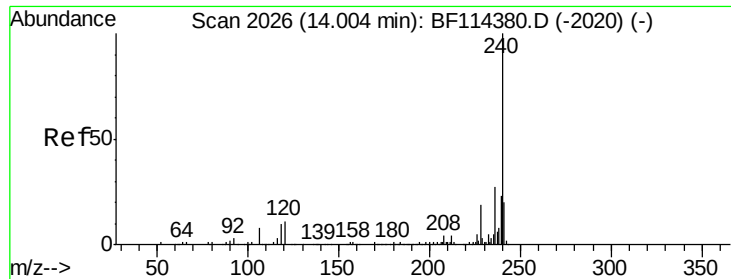


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

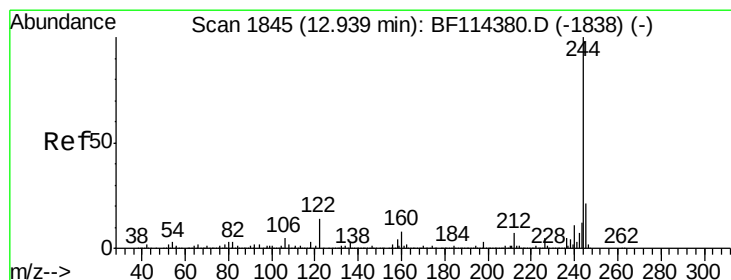
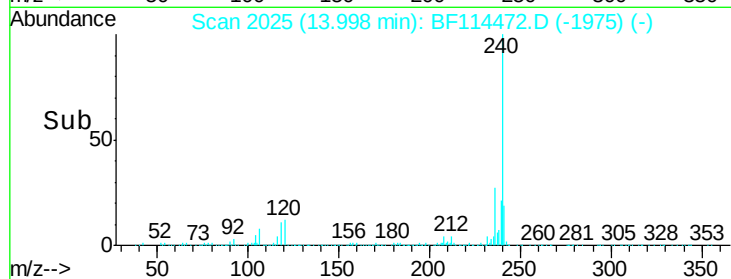
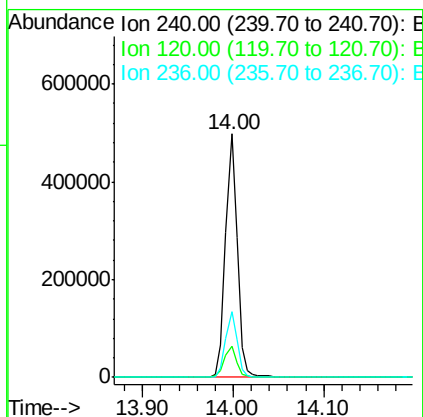
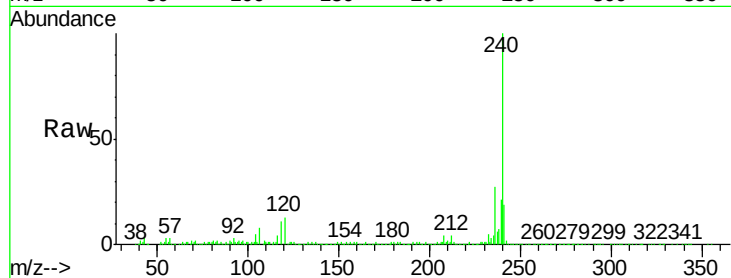




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114472.D
Acq: 21 May 2019 22:28

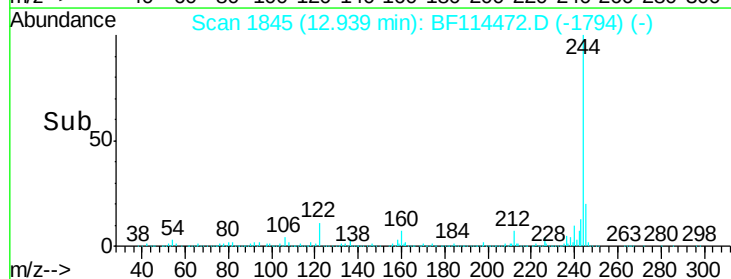
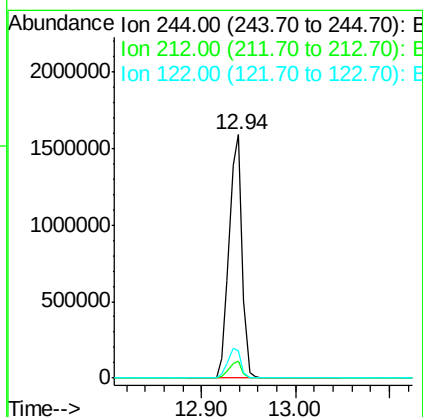
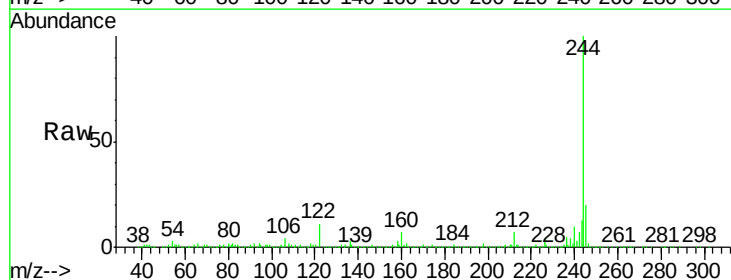
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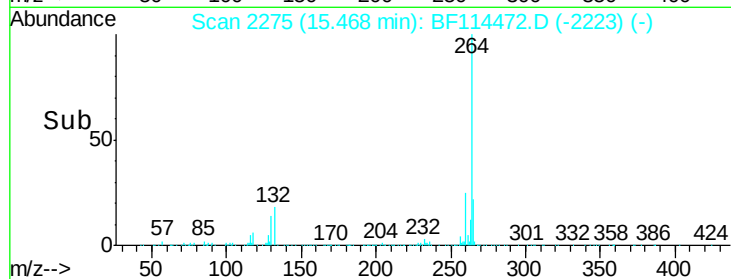
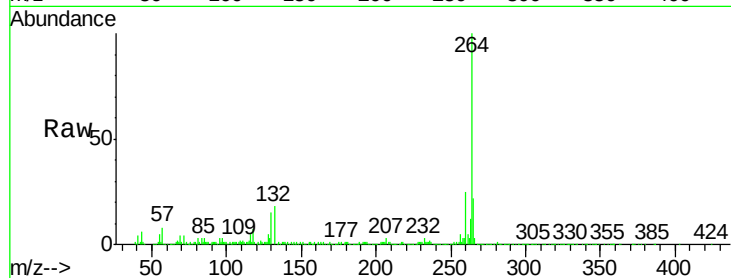
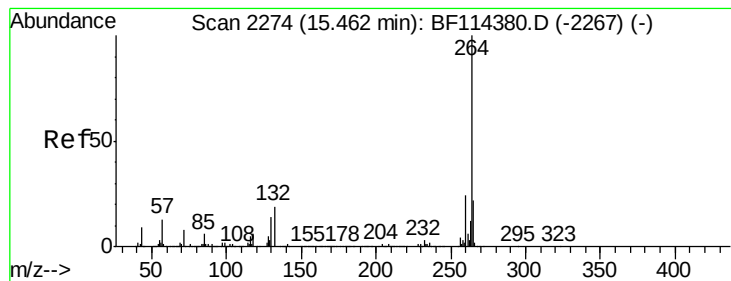
Tgt Ion:240 Resp: 444455
Ion Ratio Lower Upper
240 100
120 12.5 8.3 12.5#
236 26.8 20.8 31.2



#79
Terphenyl-d14
Concen: 71.010 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF114472.D
Acq: 21 May 2019 22:28

Tgt Ion:244 Resp: 1531019
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.6
122 11.1 9.4 14.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF114472.D

Acq: 21 May 2019 22:28

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-1

Tgt Ion:264 Resp: 381173

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.0

265 21.9 16.9 25.3

