

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF052119\
 Data File : BF114471.D
 Acq On : 21 May 2019 22:02
 Operator : JU/SJ
 Sample : K2922-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-2

Quant Time: May 22 07:48:55 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

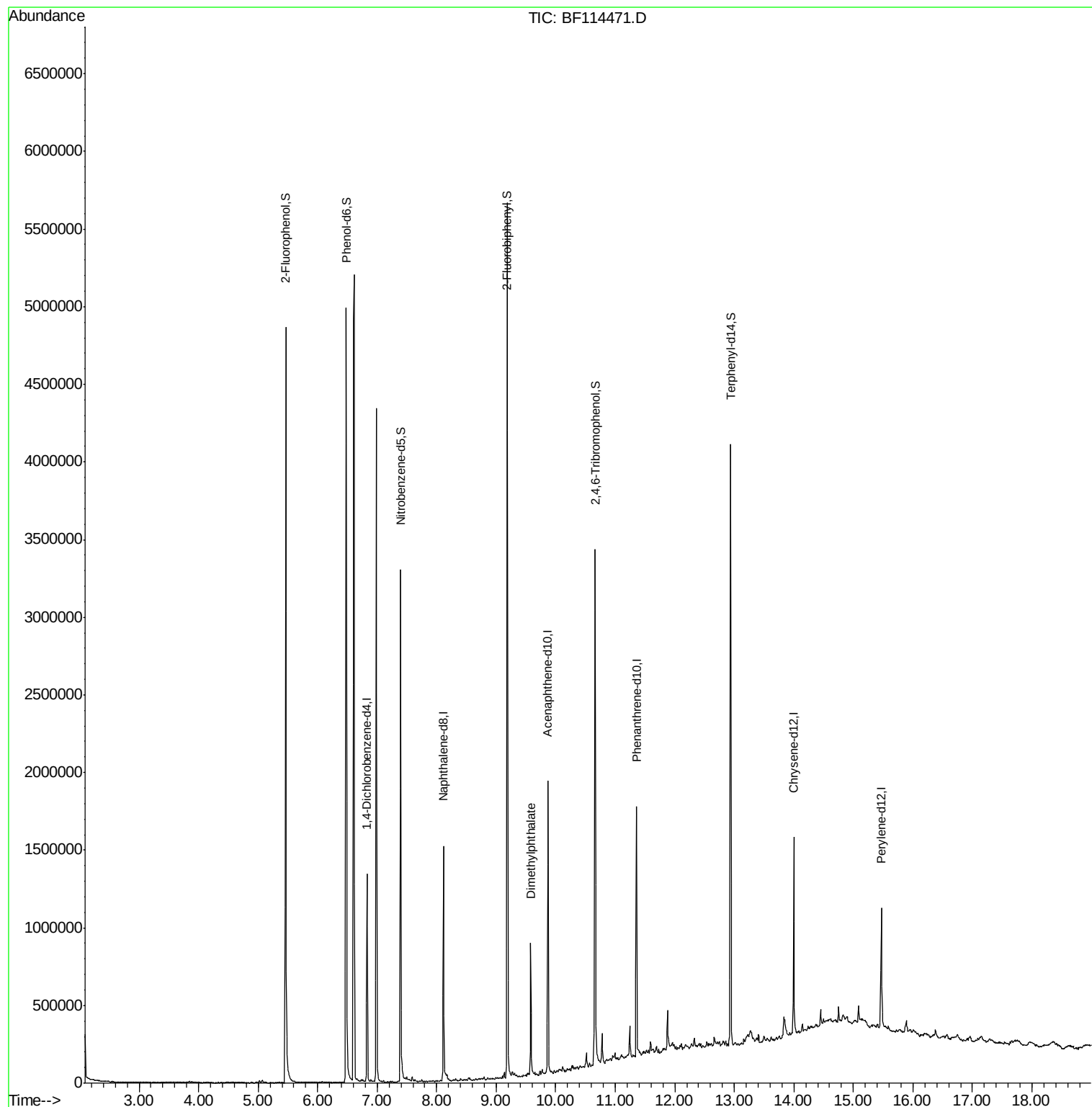
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	193800	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	757078	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	360290	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	646481	20.00	ng	0.00
76) Chrysene-d12	14.00	240	409142	20.00	ng	0.00
87) Perylene-d12	15.47	264	349127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1398319	116.11	ng	0.00
7) Phenol-d6	6.48	99	1828066	128.34	ng	0.00
23) Nitrobenzene-d5	7.39	82	1118828	82.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	418053	112.24	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1795265	75.37	ng	0.00
79) Terphenyl-d14	12.94	244	1446575	72.88	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.58	163	330360	12.491	ng	Qvalue 99

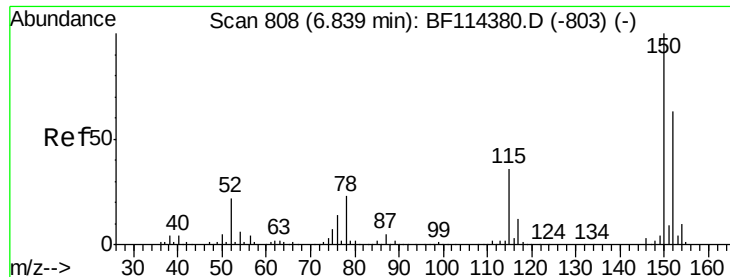
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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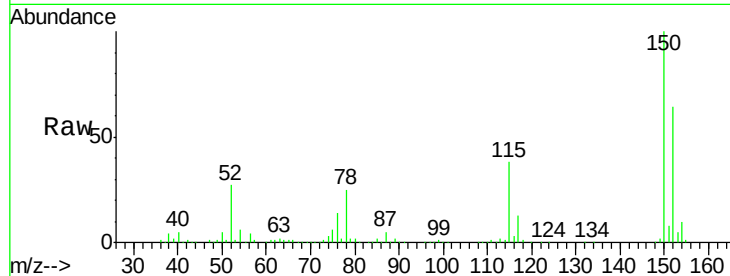


#1

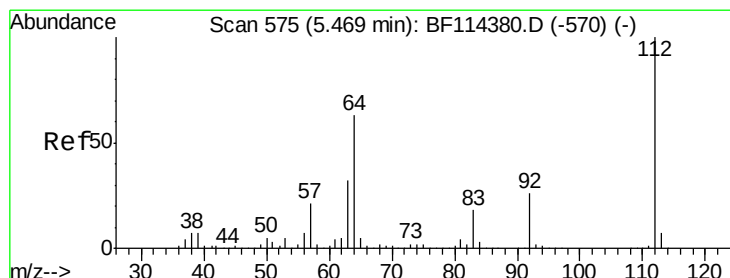
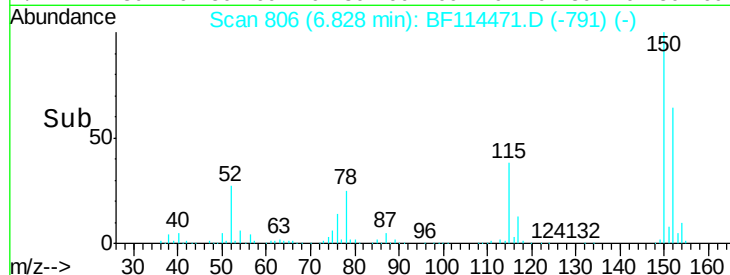
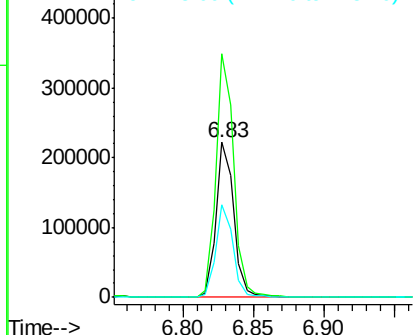
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF114471.D
Acq: 21 May 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2

Tgt Ion:152 Resp: 193800
Ion Ratio Lower Upper
152 100
150 156.9 124.3 186.5
115 59.6 49.1 73.7



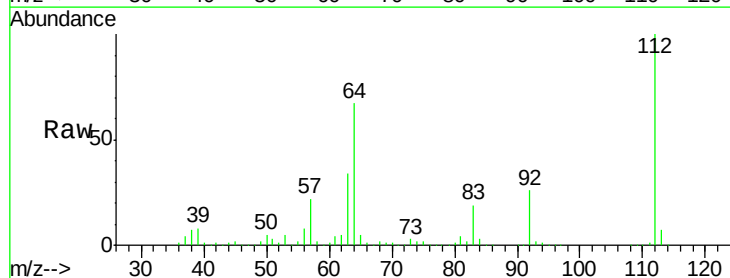
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



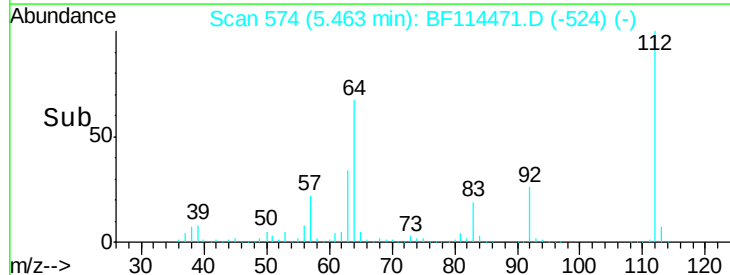
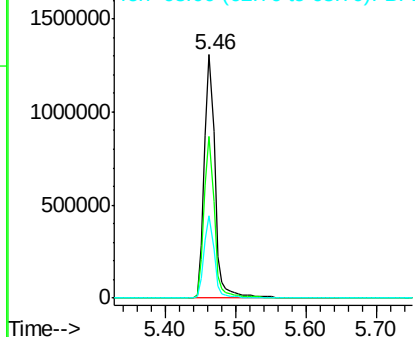
#5

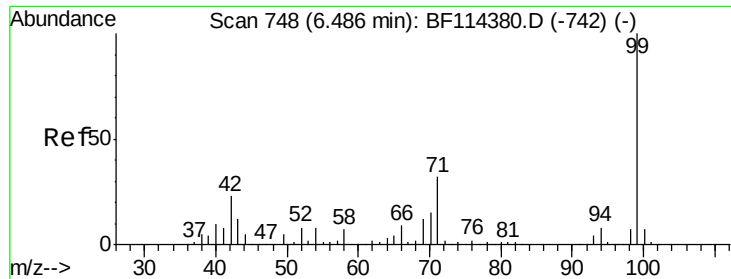
2-Fluorophenol
Concen: 116.113 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF114471.D
Acq: 21 May 2019 22:02

Tgt Ion:112 Resp: 1398319
Ion Ratio Lower Upper
112 100
64 66.5 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: 128.345 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114471.D

Acq: 21 May 2019 22:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2

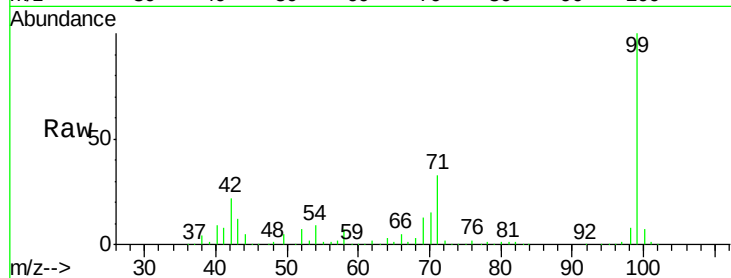
Tgt Ion: 99 Resp: 1828066

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

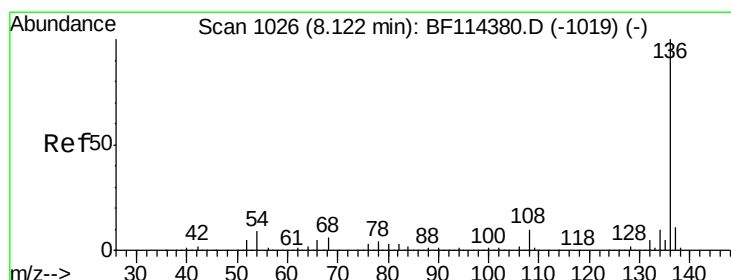
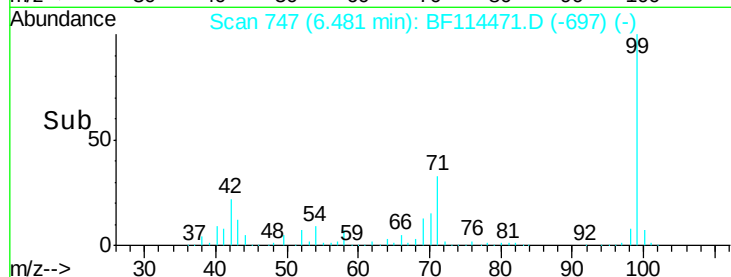
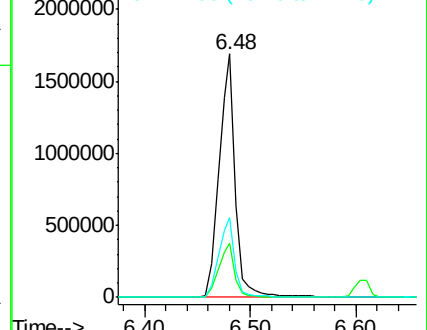
71 33.0 26.2 39.2



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: BF114471.D

Acq: 21 May 2019 22:02

Tgt Ion: 136 Resp: 757078

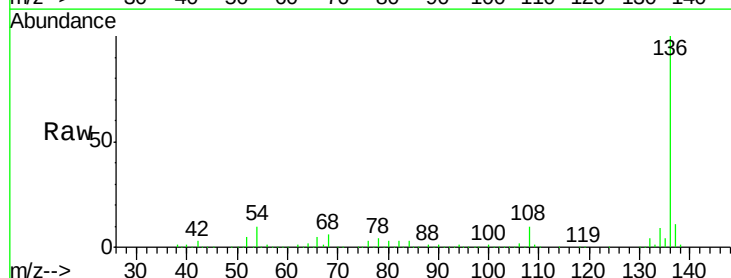
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 9.9 7.8 11.8

68 6.4 5.1 7.7

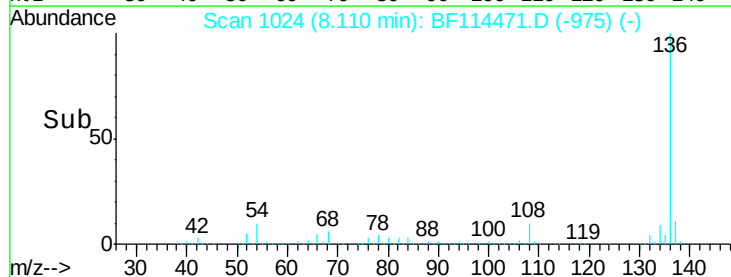
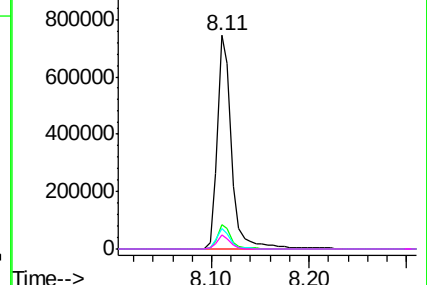


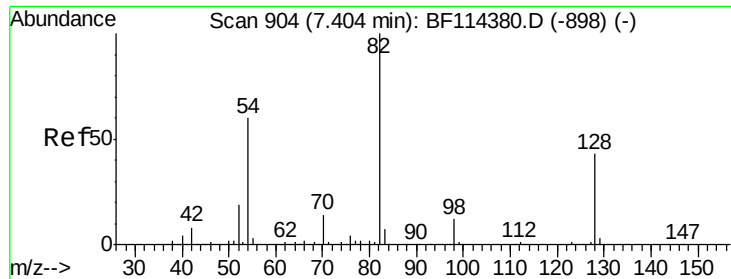
Abundance Ion 136.00 (135.70 to 136.70): E

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

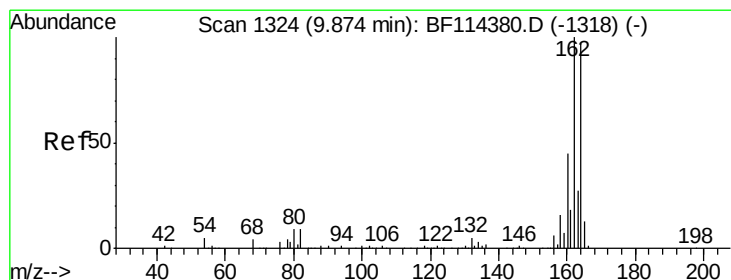
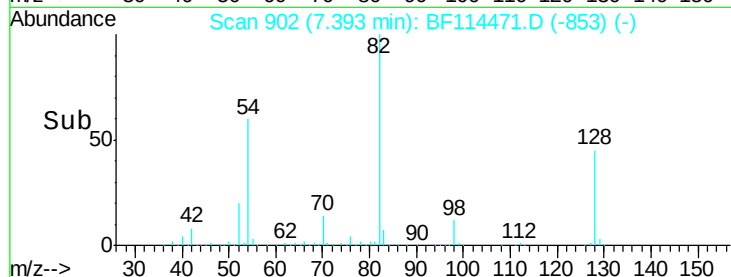
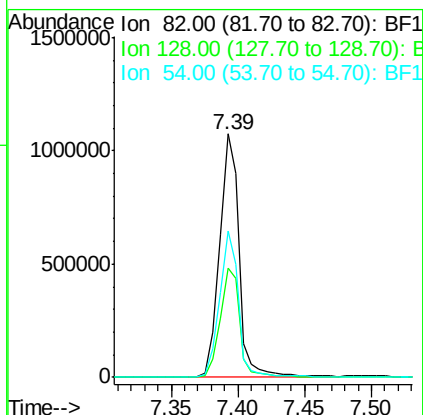
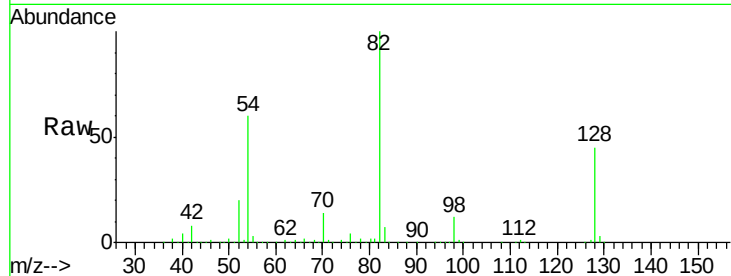




#23
 Nitrobenzene-d5
 Concen: 82.936 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114471.D
 Acq: 21 May 2019 22:02

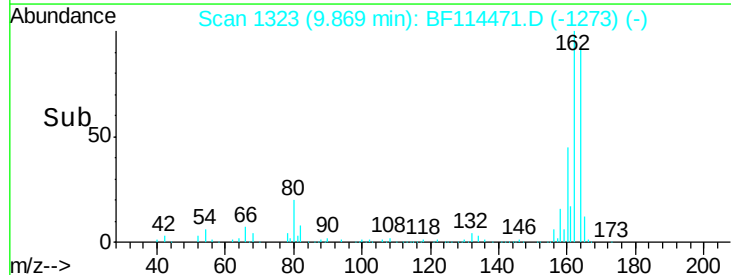
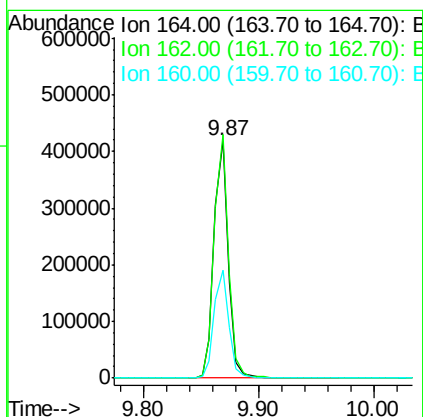
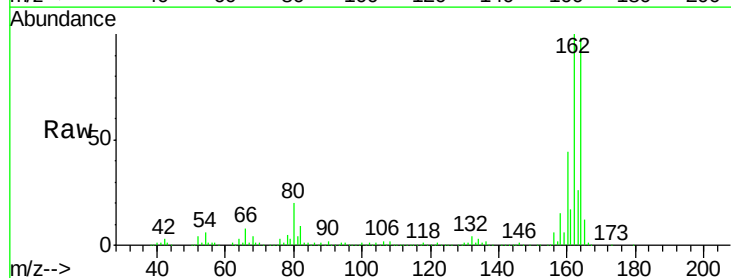
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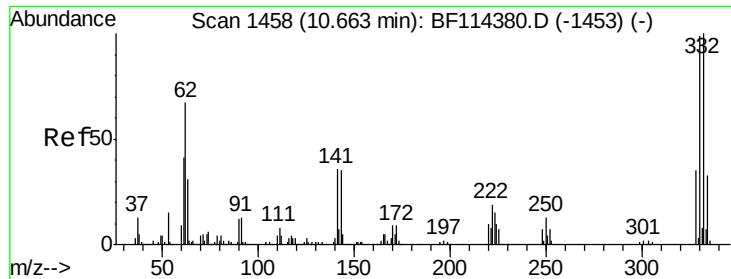
Tgt Ion: 82 Resp: 1118828
 Ion Ratio Lower Upper
 82 100
 128 44.8 35.5 53.3
 54 60.2 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114471.D
 Acq: 21 May 2019 22:02

Tgt Ion: 164 Resp: 360290
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.6 120.8
 160 45.5 36.5 54.7

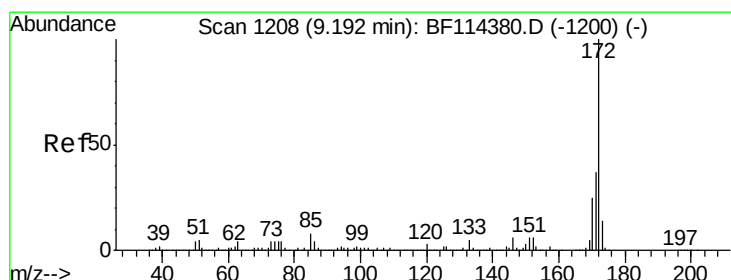
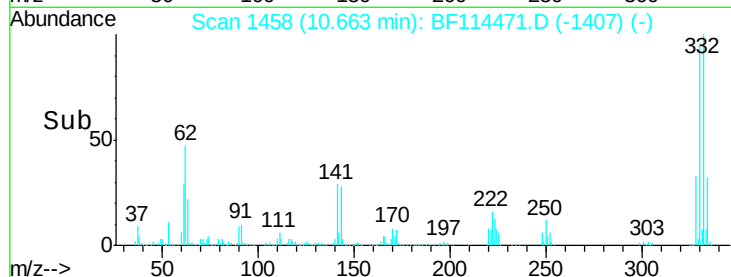
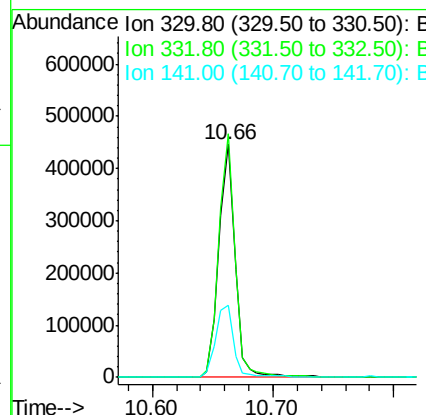
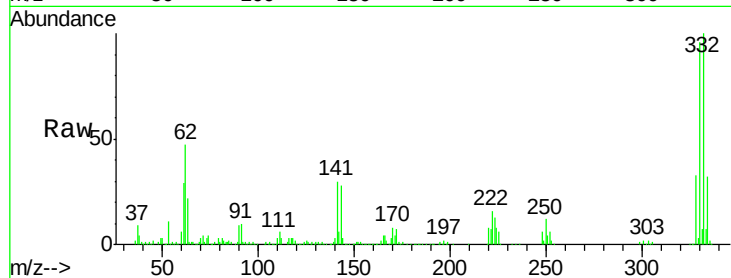




#42
 2,4,6-Tribromophenol
 Concen: 112.235 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: BF114471.D
 Acq: 21 May 2019 22:02

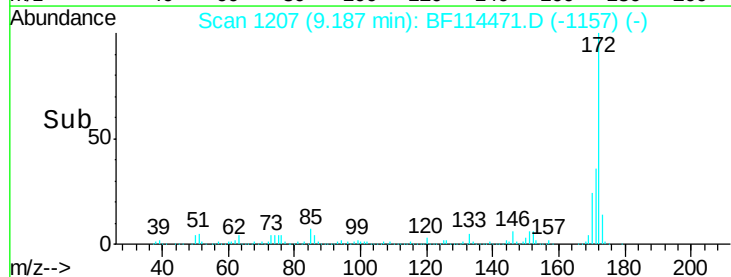
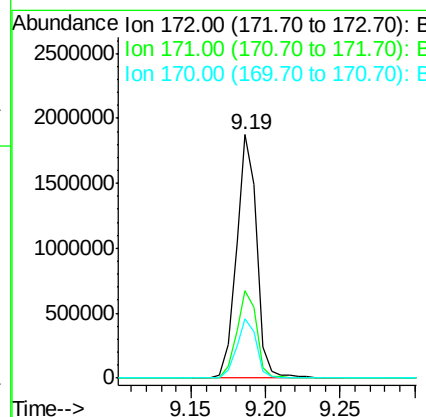
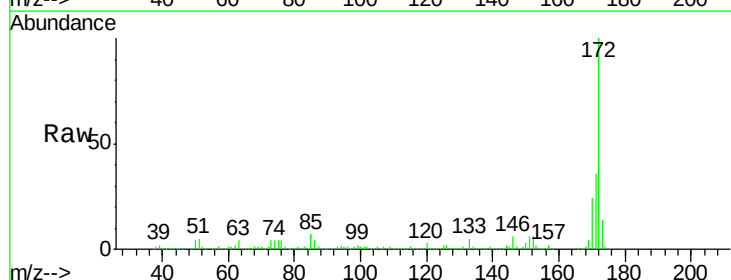
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP-2

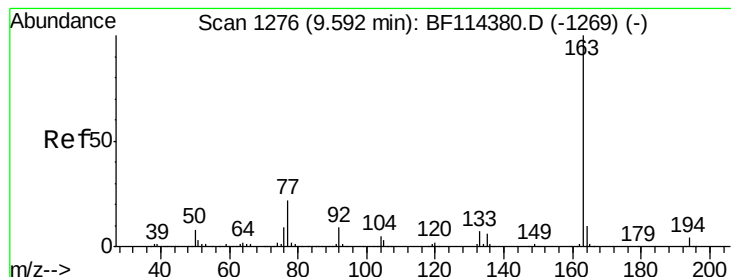
Tgt Ion:330 Resp: 418053
 Ion Ratio Lower Upper
 330 100
 332 103.6 81.4 122.2
 141 33.9 26.6 40.0



#45
 2-Fluorobiphenyl
 Concen: 75.374 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114471.D
 Acq: 21 May 2019 22:02

Tgt Ion:172 Resp: 1795265
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.7 46.1
 170 24.2 20.5 30.7





#50

Dimethylphthalate

Concen: 12.491 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF114471.D

Acq: 21 May 2019 22:02

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP-2

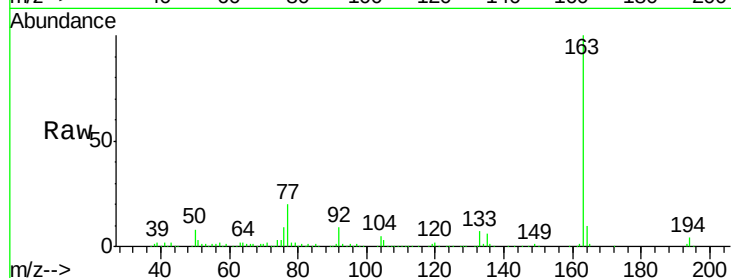
Tgt Ion:163 Resp: 330360

Ion Ratio Lower Upper

163 100

194 3.8 3.4 5.0

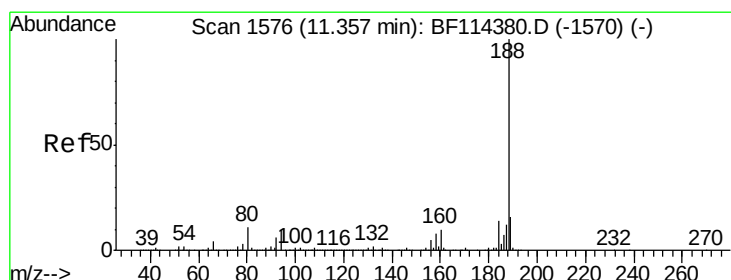
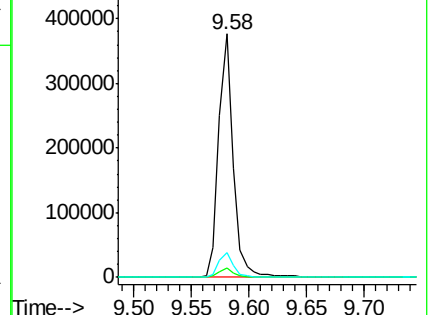
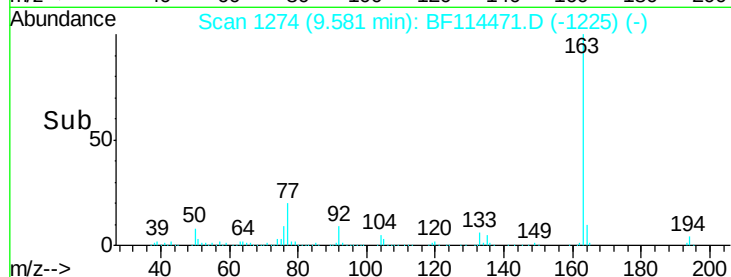
164 10.1 8.2 12.2



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: BF114471.D

Acq: 21 May 2019 22:02

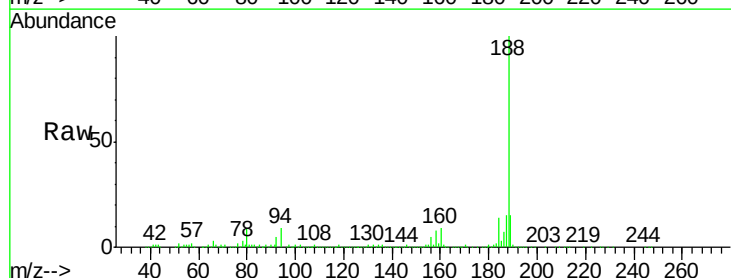
Tgt Ion:188 Resp: 646481

Ion Ratio Lower Upper

188 100

94 8.9 8.4 12.6

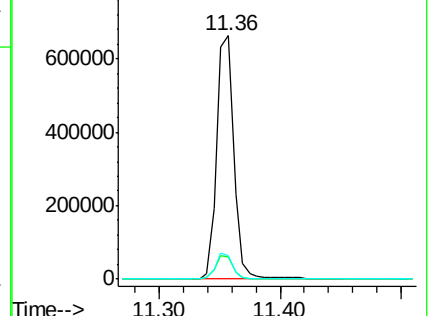
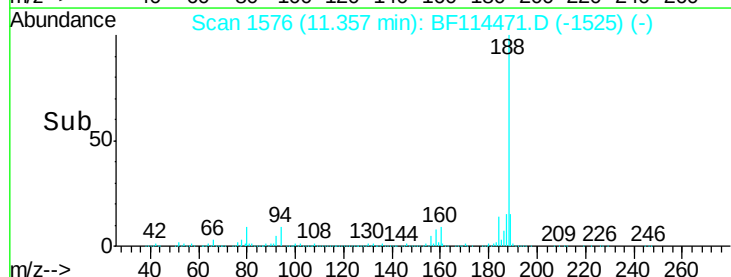
80 9.5 9.2 13.8

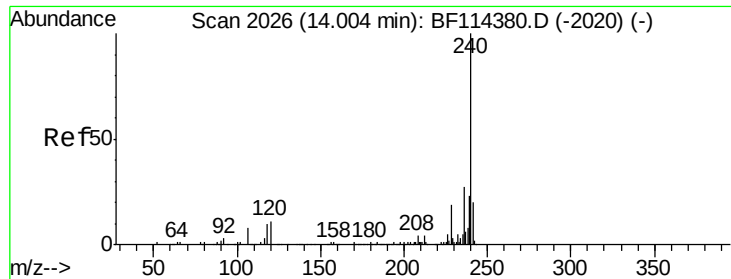


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

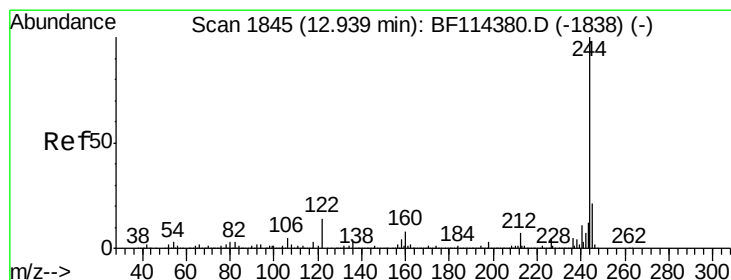
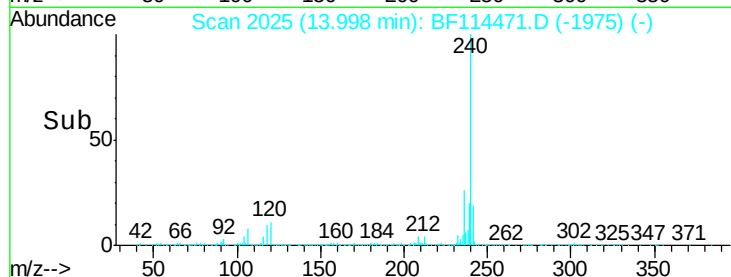
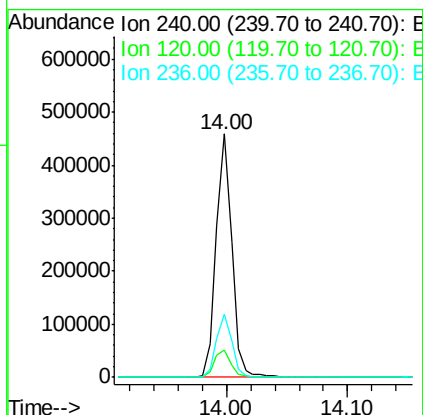
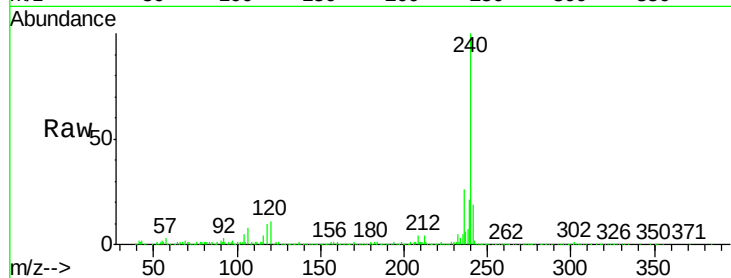




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114471.D
Acq: 21 May 2019 22:02

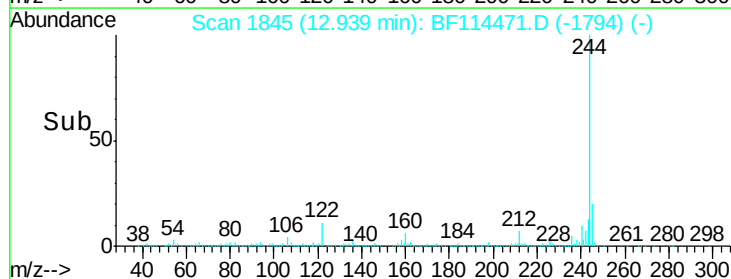
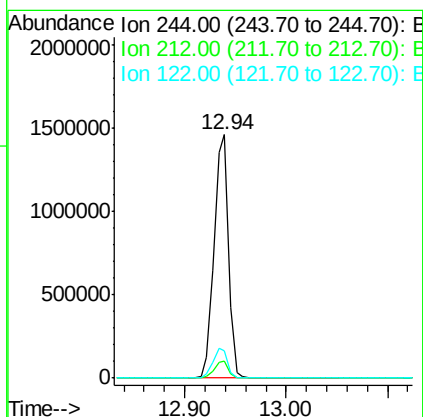
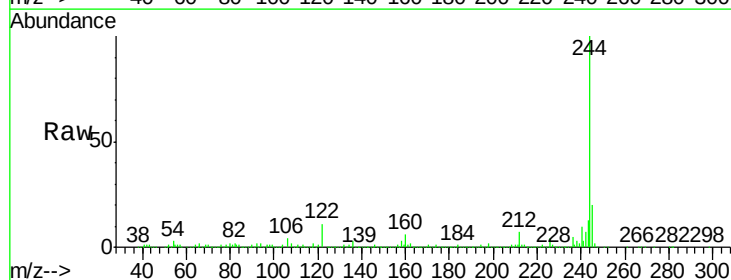
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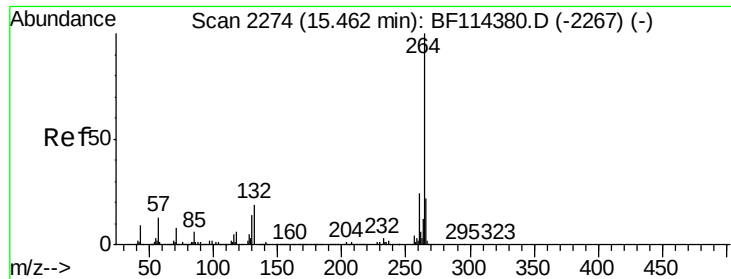
Tgt Ion:240 Resp: 409142
Ion Ratio Lower Upper
240 100
120 11.3 8.3 12.5
236 25.9 20.8 31.2



#79
Terphenyl-d14
Concen: 72.885 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BF114471.D
Acq: 21 May 2019 22:02

Tgt Ion:244 Resp: 1446575
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 11.0 9.4 14.2

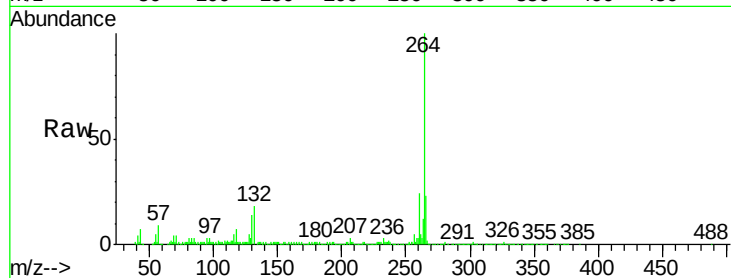




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF114471.D
Acq: 21 May 2019 22:02

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	22.5	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

