

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114395.D
 Acq On : 18 May 2019 17:04
 Operator : JU/SJ
 Sample : K2869-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROCKY-SOIL

Quant Time: May 20 07:10:51 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

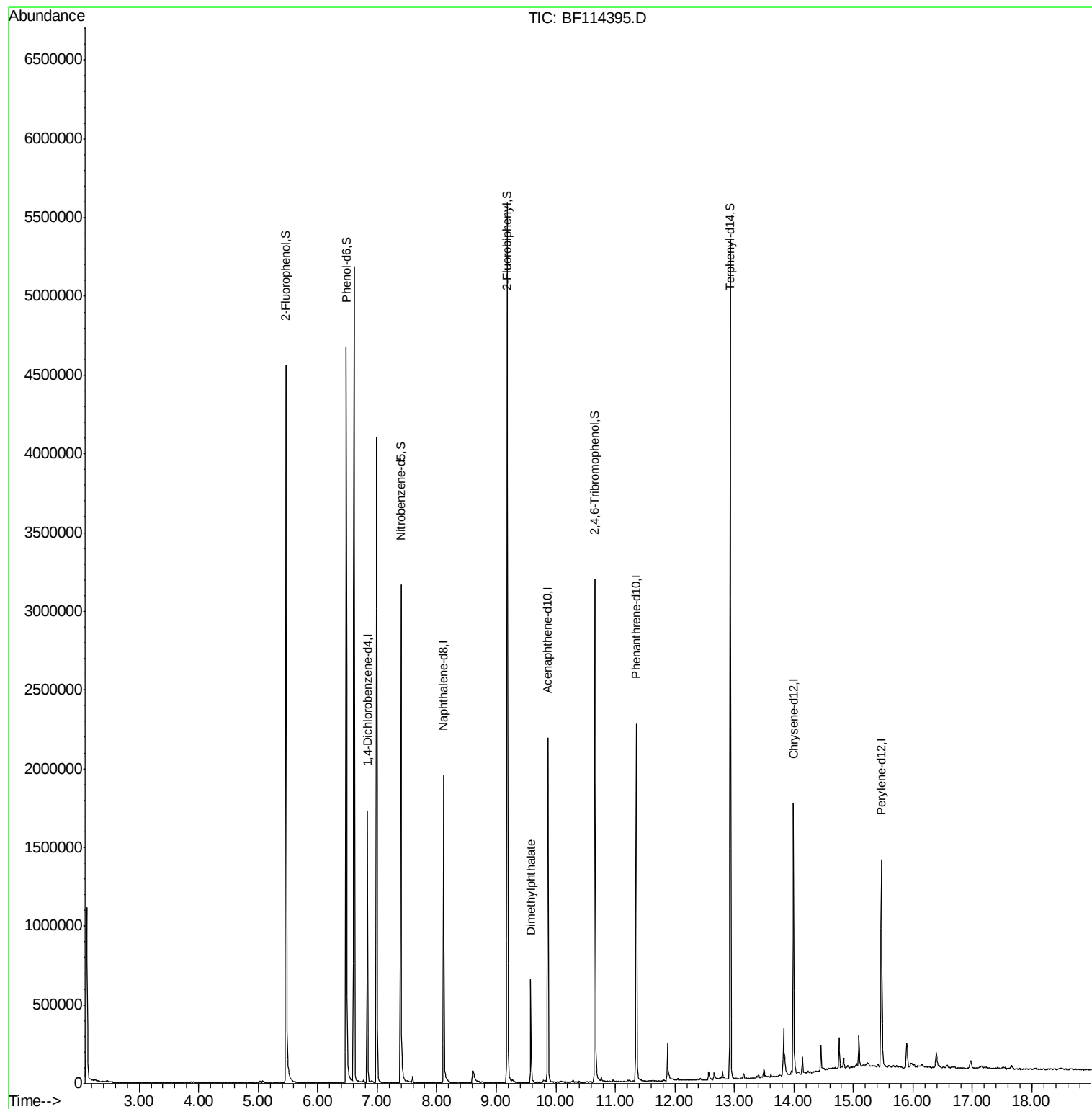
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	247835	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	937446	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	440130	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	895996	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	606457	20.00	ng	-0.03
87) Perylene-d12	15.47	264	581862	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1302918	84.60	ng	-0.01
7) Phenol-d6	6.48	99	1691888	92.89	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1028329	61.56	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	390395	85.80	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1820652	62.57	ng	-0.02
79) Terphenyl-d14	12.93	244	1851210	62.93	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.58	163	285911	8.849	ng	Qvalue 100

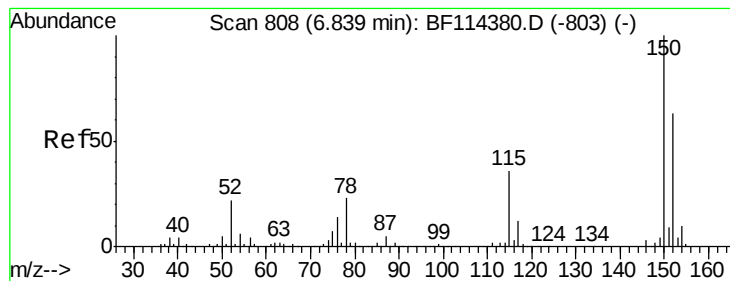
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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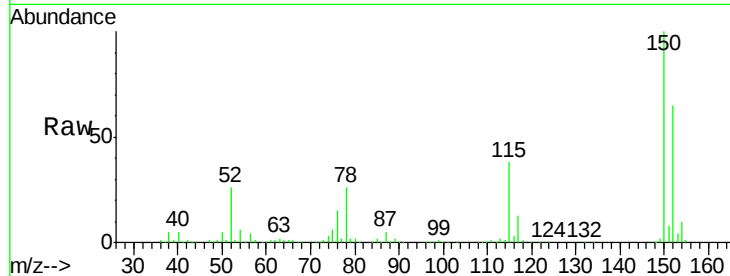


#1

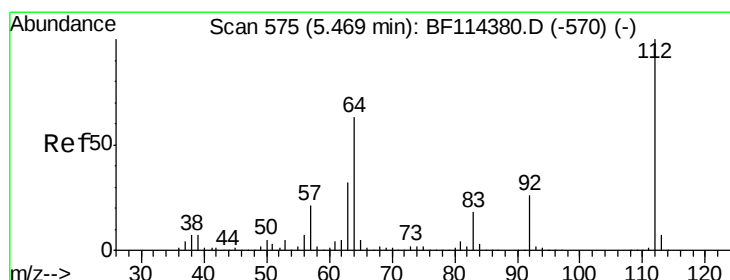
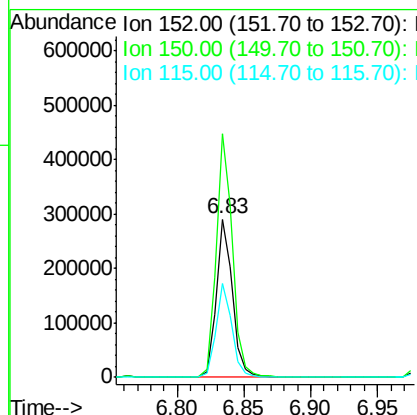
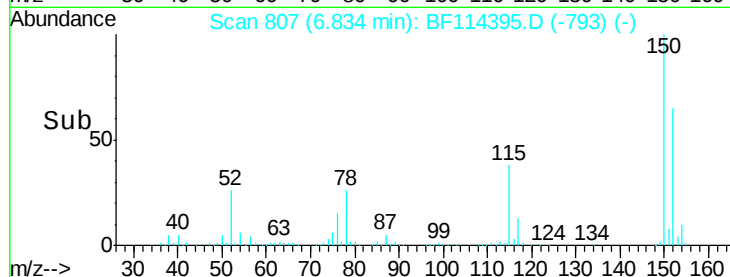
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114395.D
Acq: 18 May 2019 17:04

Instrument :
BNA_F
ClientSampleId :
ROCKY-SOIL

Tgt Ion:152 Resp: 247835
Ion Ratio Lower Upper
152 100
150 153.6 124.3 186.5
115 58.9 49.1 73.7



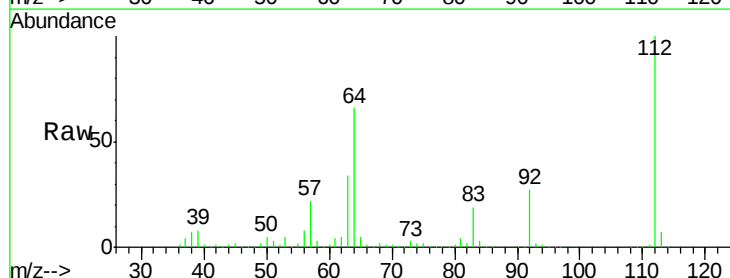
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



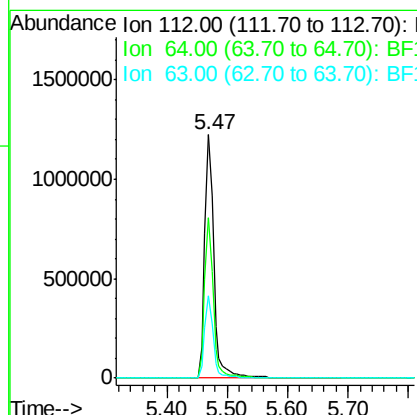
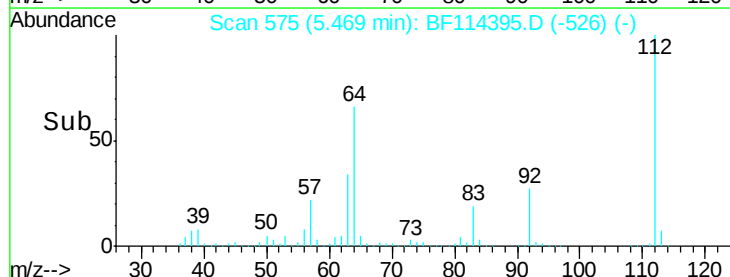
#5

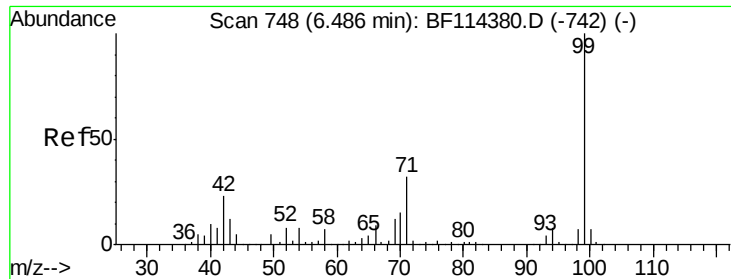
2-Fluorophenol
Concen: 84.602 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF114395.D
Acq: 18 May 2019 17:04

Tgt Ion:112 Resp: 1302918
Ion Ratio Lower Upper
112 100
64 65.9 49.0 73.6
63 33.9 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: 92.886 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF114395.D

Acq: 18 May 2019 17:04

Instrument :

BNA_F

ClientSampleId :

ROCKY-SOIL

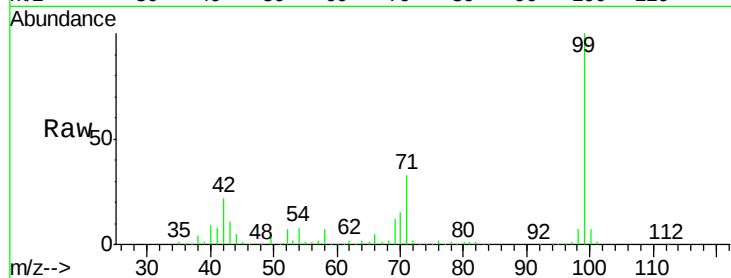
Tgt Ion: 99 Resp: 1691888

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

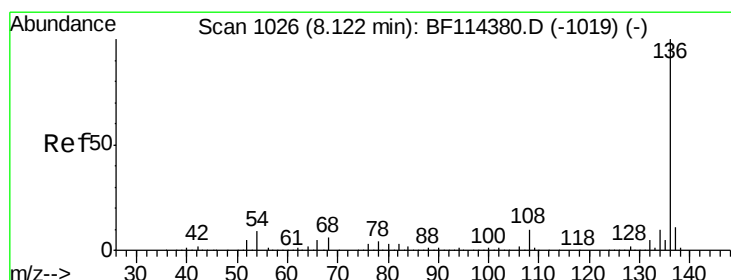
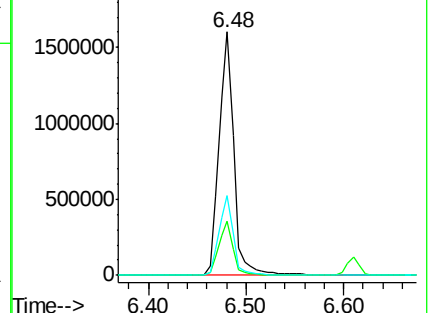
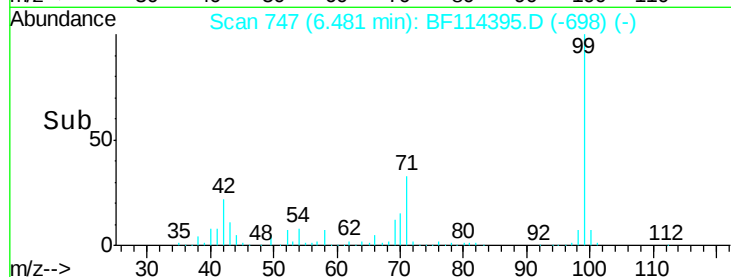
71 32.6 26.2 39.2



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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114395.D

Acq: 18 May 2019 17:04

Tgt Ion: 136 Resp: 937446

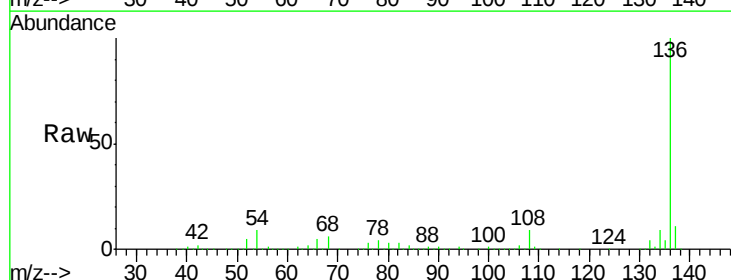
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.4 7.8 11.8

68 6.2 5.1 7.7

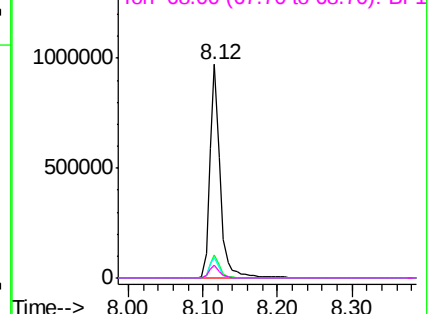
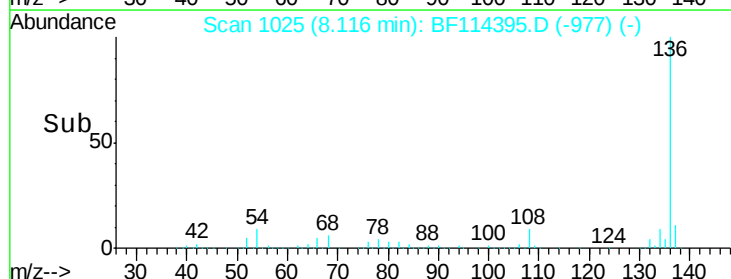


Abundance Ion 136.00 (135.70 to 136.70): E

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

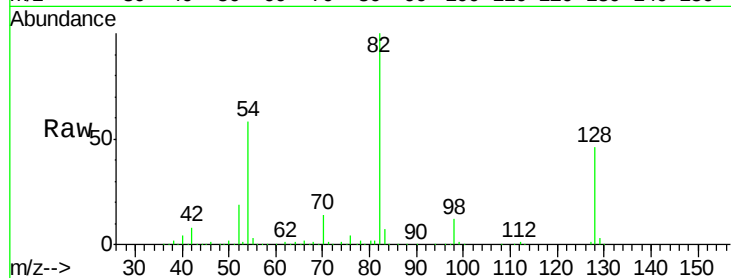




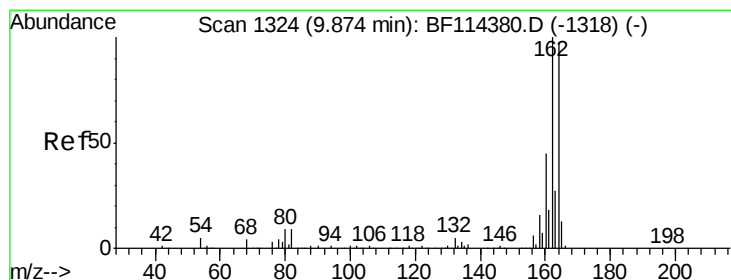
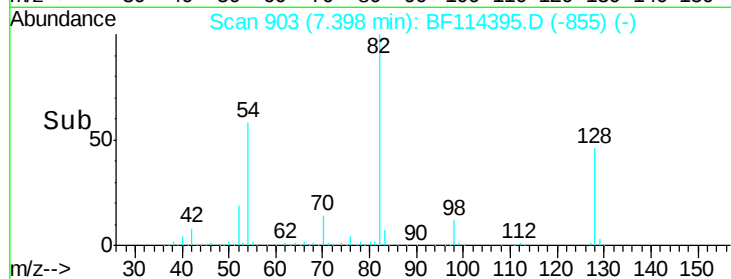
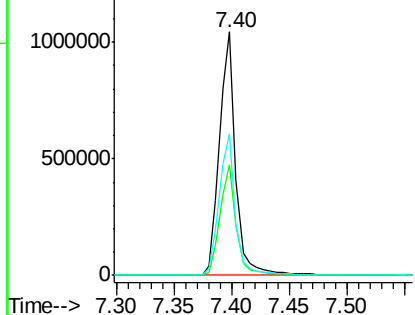
#23
 Nitrobenzene-d5
 Concen: 61.561 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF114395.D
 Acq: 18 May 2019 17:04

Instrument :
 BNA_F
 ClientSampleId :
 ROCKY-SOIL

Tgt Ion: 82 Resp: 1028329
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.5 53.3
 54 58.0 48.5 72.7

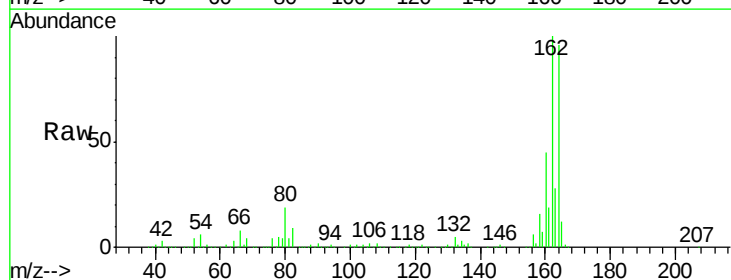


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

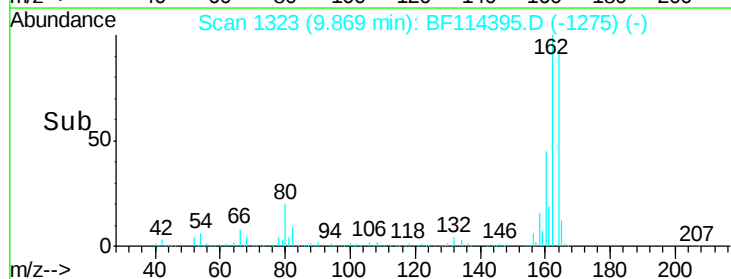
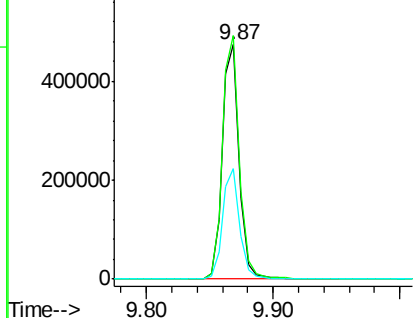


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114395.D
 Acq: 18 May 2019 17:04

Tgt Ion: 164 Resp: 440130
 Ion Ratio Lower Upper
 164 100
 162 103.8 80.6 120.8
 160 46.8 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

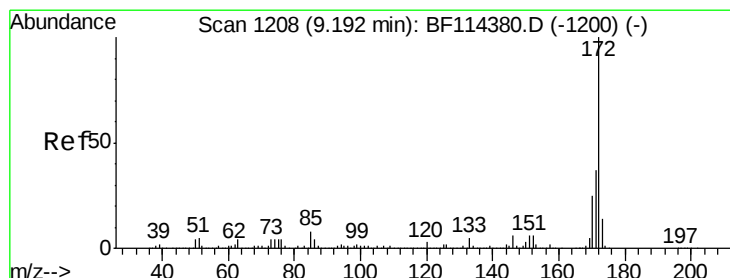
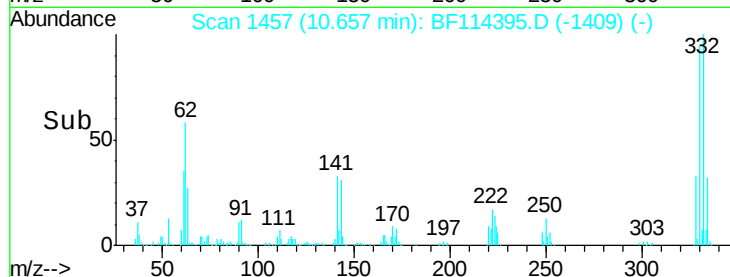
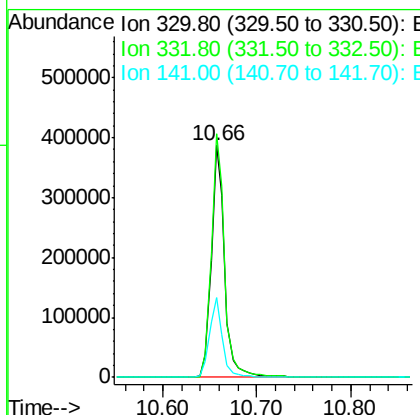
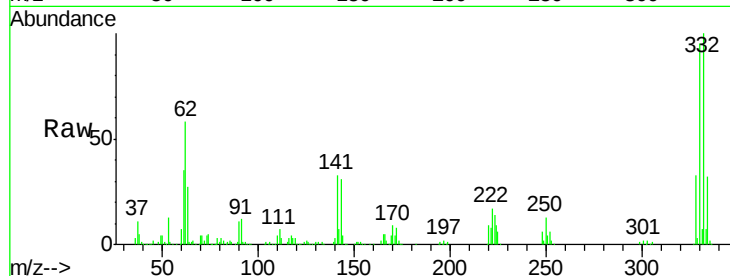




#42
 2,4,6-Tribromophenol
 Concen: 85.797 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF114395.D
 Acq: 18 May 2019 17:04

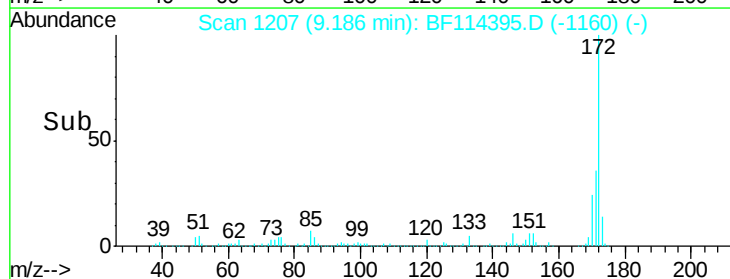
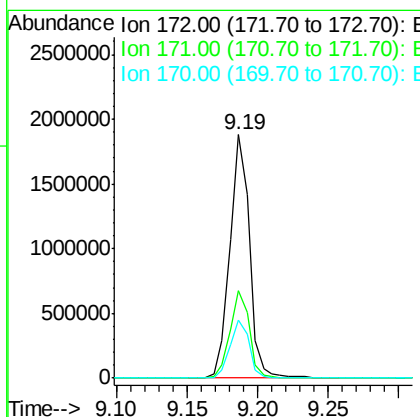
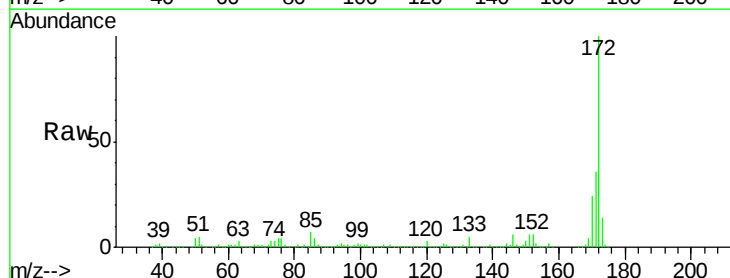
Instrument :
 BNA_F
 ClientSampleId :
 ROCKY-SOIL

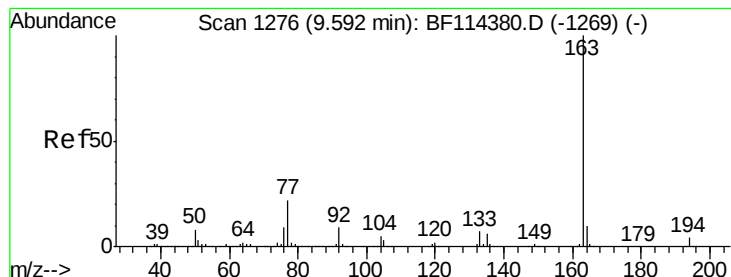
Tgt Ion	Ratio	Lower	Upper
330	100		
332	104.5	81.4	122.2
141	33.4	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 62.573 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF114395.D
 Acq: 18 May 2019 17:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	30.7	46.1
170	23.9	20.5	30.7





#50

Dimethylphthalate

Concen: 8.849 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BF114395.D

Acq: 18 May 2019 17:04

Instrument :

BNA_F

ClientSampleId :

ROCKY-SOIL

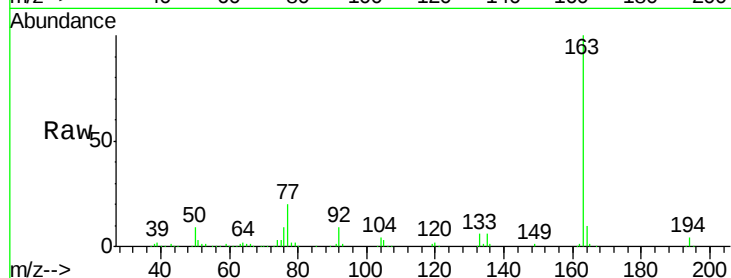
Tgt Ion:163 Resp: 285911

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.2 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

9.58

300000

200000

100000

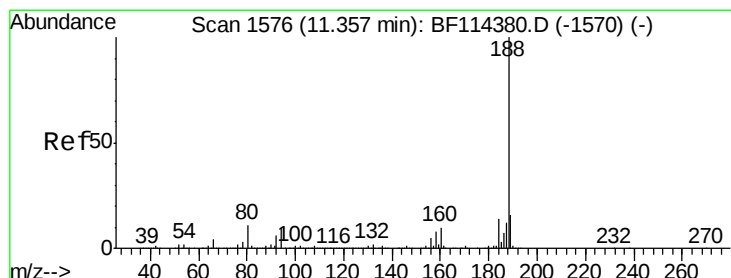
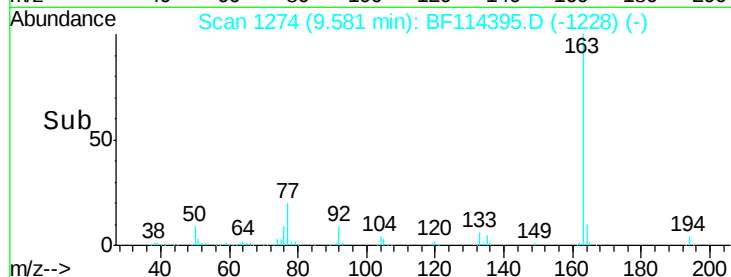
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Time-->

9.50

9.60

9.70



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF114395.D

Acq: 18 May 2019 17:04

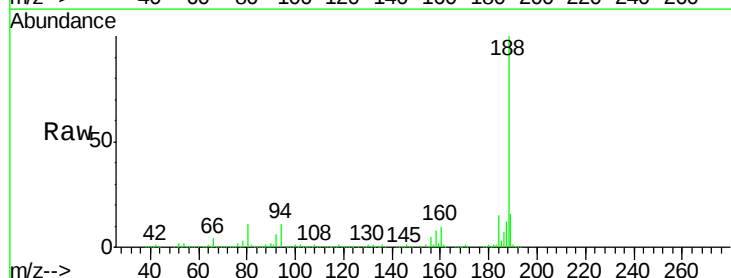
Tgt Ion:188 Resp: 895996

Ion Ratio Lower Upper

188 100

94 10.9 8.4 12.6

80 11.5 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

11.35

1200000

1000000

800000

600000

400000

200000

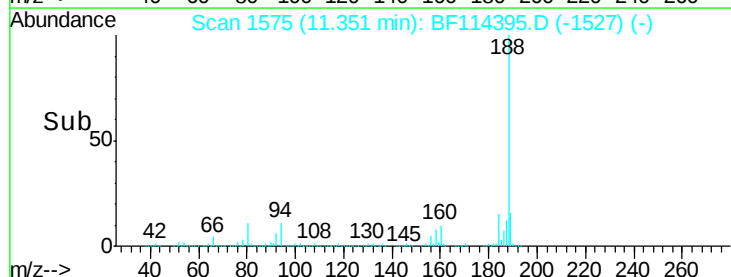
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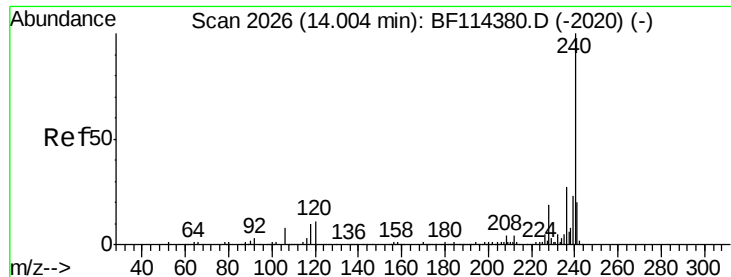
Time-->

11.30

11.40

11.50

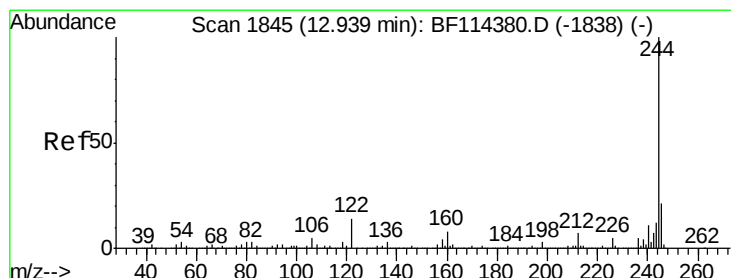
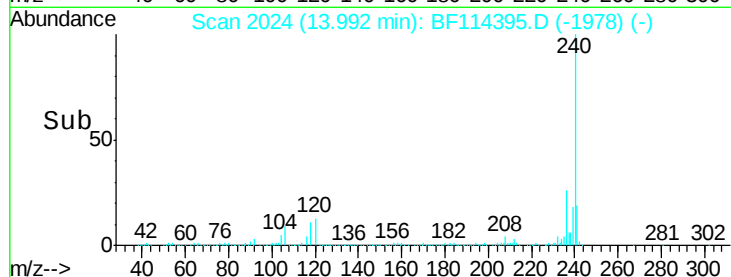
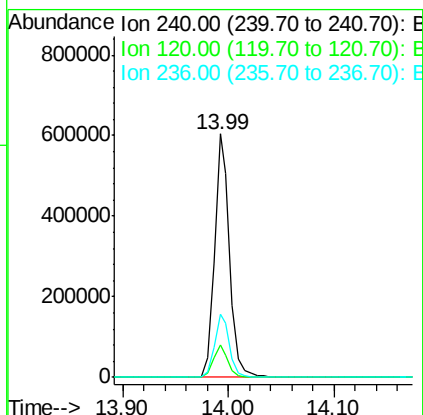
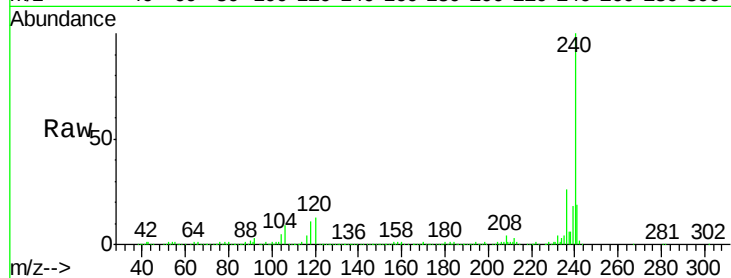




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114395.D
Acq: 18 May 2019 17:04

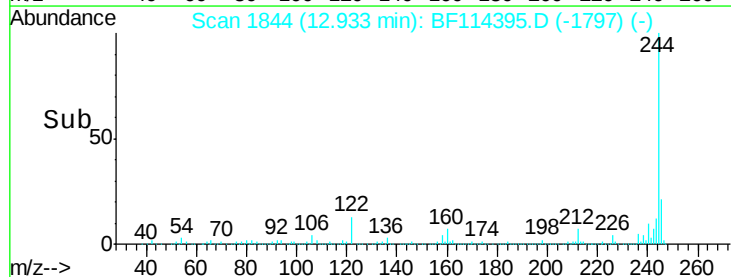
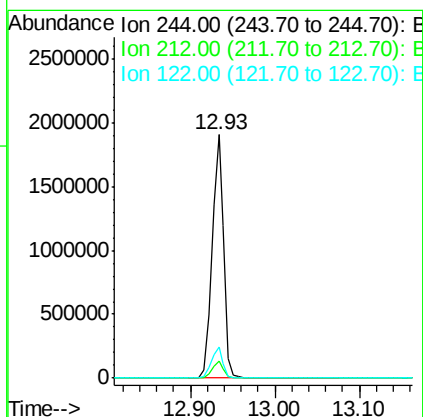
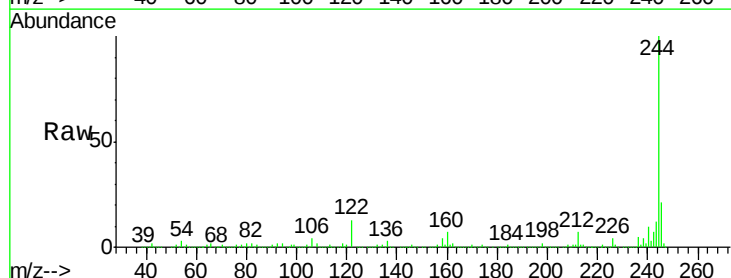
Instrument :
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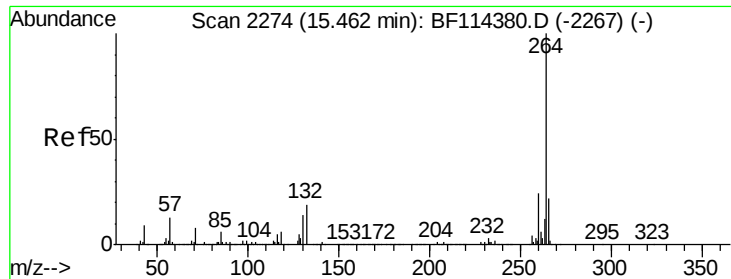
Tgt Ion:240 Resp: 606457
Ion Ratio Lower Upper
240 100
120 13.2 8.3 12.5#
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 62.925 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF114395.D
Acq: 18 May 2019 17:04

Tgt Ion:244 Resp: 1851210
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 12.7 9.4 14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.04 min
Lab File: BF114395.D
Acq: 18 May 2019 17:04

Instrument :
BNA_F
ClientSampleId :
ROCKY-SOIL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.5	16.9	25.3

