

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051819\
 Data File : BF114405.D
 Acq On : 18 May 2019 22:47
 Operator : JU/SJ
 Sample : K2869-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROCKY-SOIL

Quant Time: May 20 08:00:11 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	243751	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	895443	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	413063	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	815577	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	440409	20.00	ng	-0.03
87) Perylene-d12	15.46	264	447201	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	2585986	170.73	ng	0.02
7) Phenol-d6	6.49	99	3166310	176.75	ng	0.00
23) Nitrobenzene-d5	7.40	82	2455029	153.86	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	903626	211.60	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	3770821	138.09	ng	-0.02
79) Terphenyl-d14	12.94	244	3485043	163.13	ng	-0.02

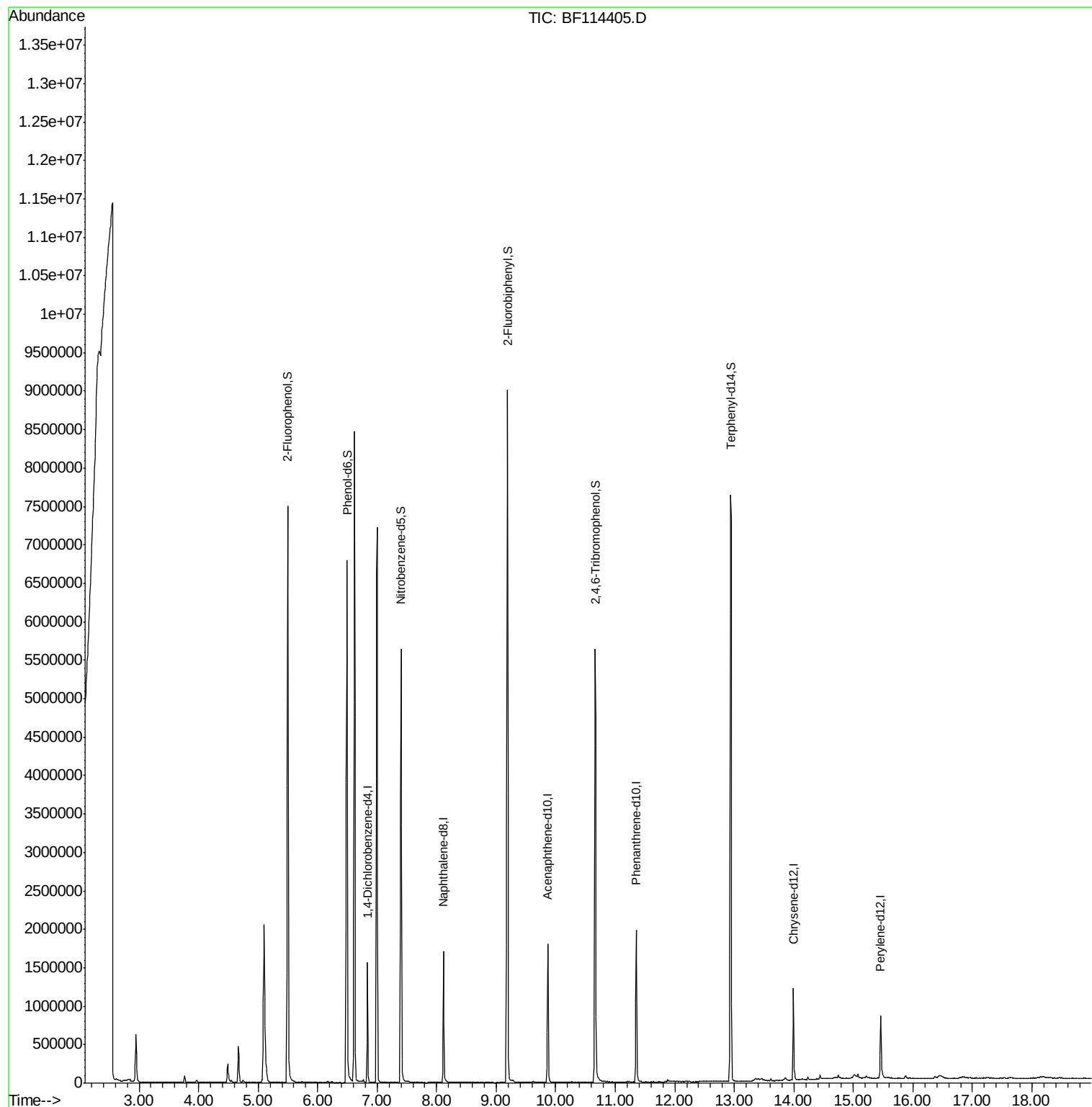
Target Compounds	Qvalue
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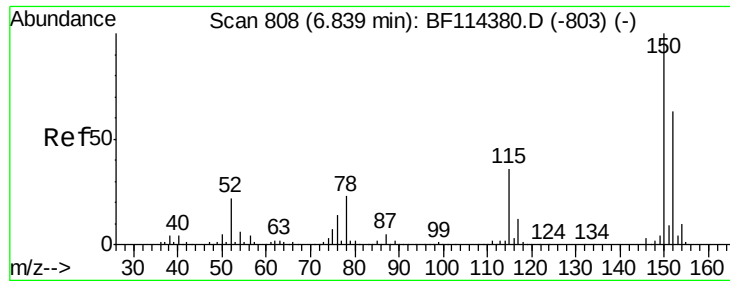
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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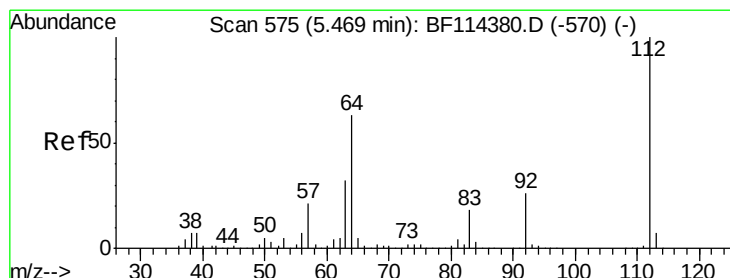
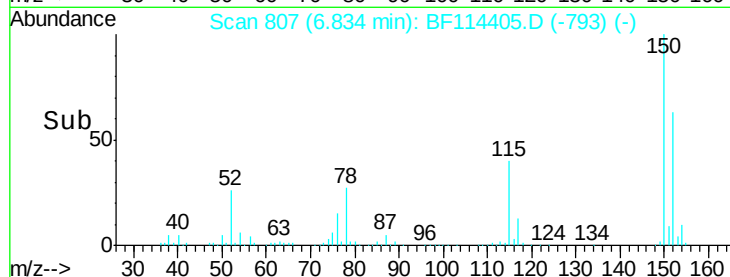
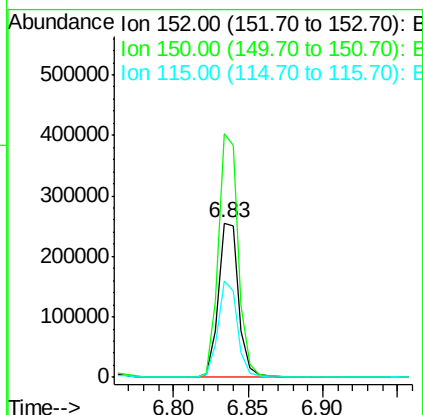
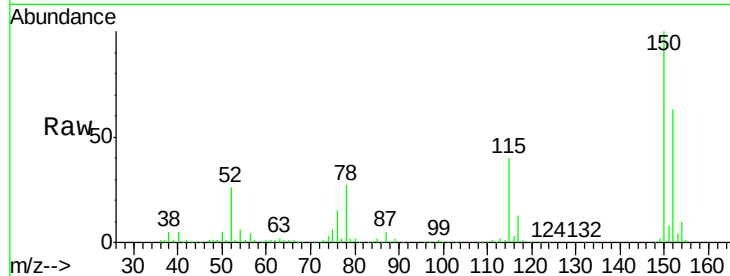


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Instrument :
BNA_F
ClientSampleId :
ROCKY-SOIL

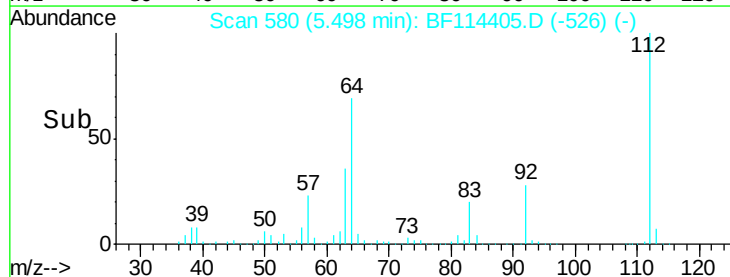
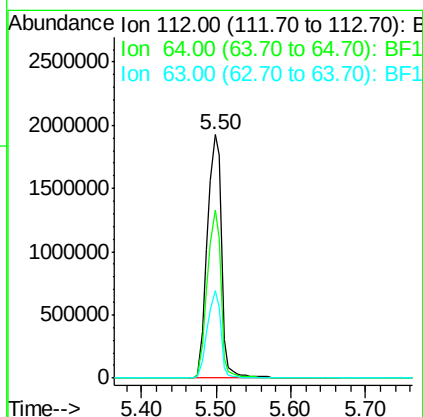
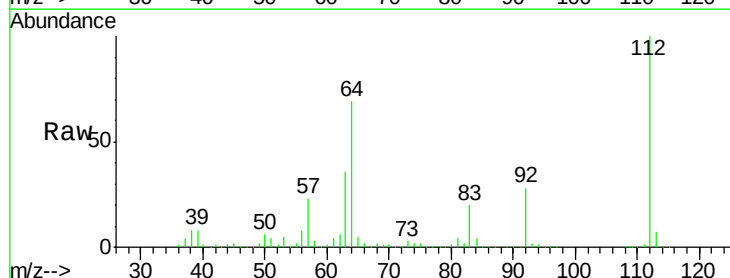
Tgt Ion:152 Resp: 243751
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 62.5 49.1 73.7

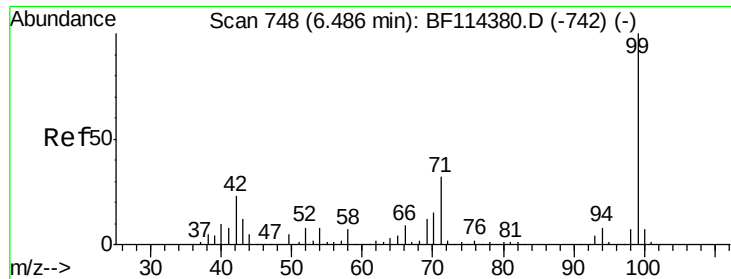


#5

2-Fluorophenol
Concen: 170.729 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.02 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Tgt Ion:112 Resp: 2585986
Ion Ratio Lower Upper
112 100
64 69.0 49.0 73.6
63 36.2 24.6 37.0





#7

Phenol-d6

Concen: 176.745 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114405.D

Acq: 18 May 2019 22:47

Instrument :

BNA_F

ClientSampleId :

ROCKY-SOIL

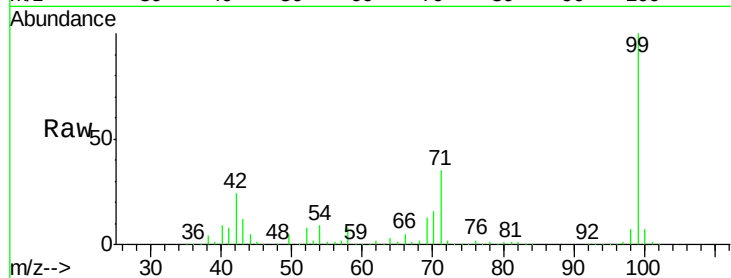
Tgt Ion: 99 Resp: 3166310

Ion Ratio Lower Upper

99 100

42 23.6 17.9 26.9

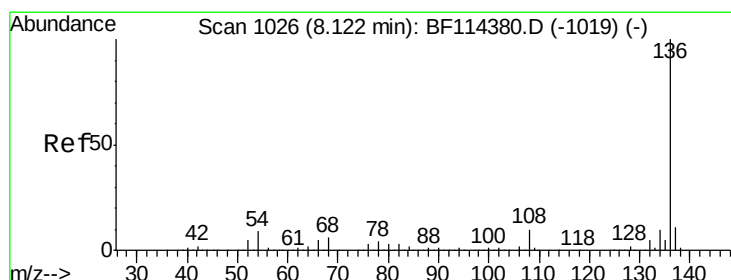
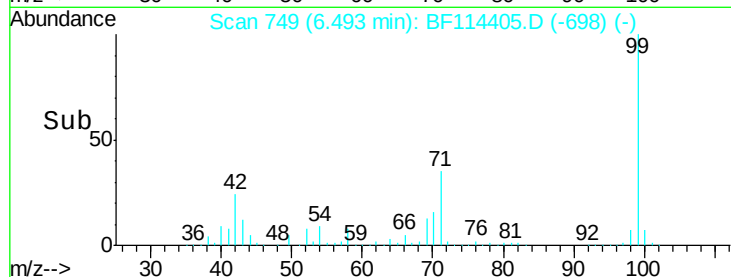
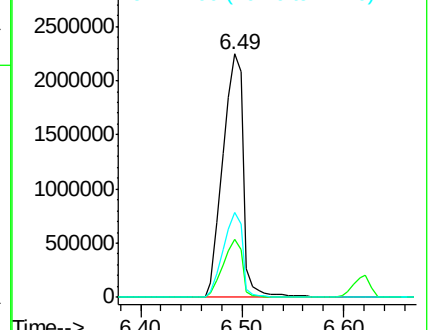
71 35.0 26.2 39.2



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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF114405.D

Acq: 18 May 2019 22:47

Tgt Ion: 136 Resp: 895443

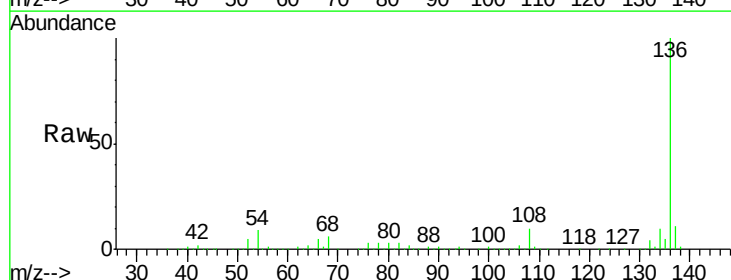
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.1 7.8 11.8

68 6.0 5.1 7.7

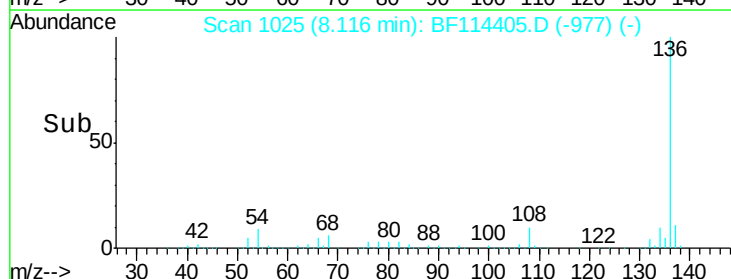
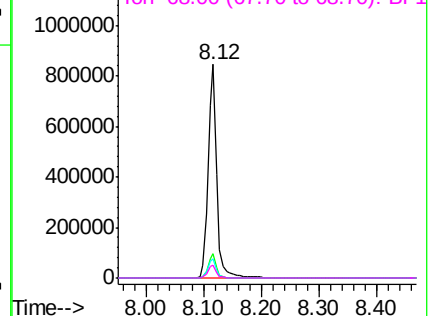


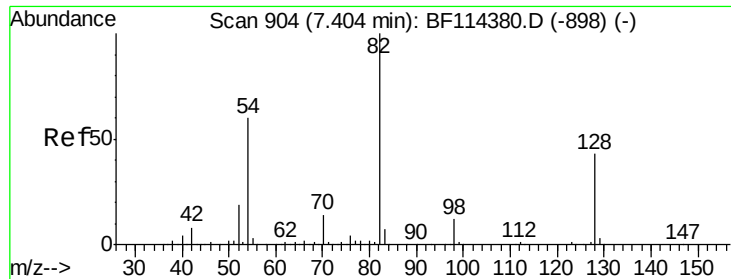
Abundance Ion 136.00 (135.70 to 136.70): E

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

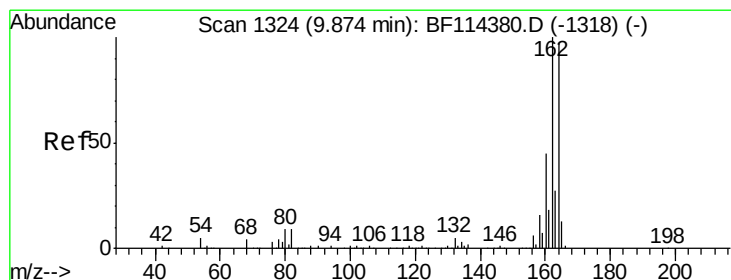
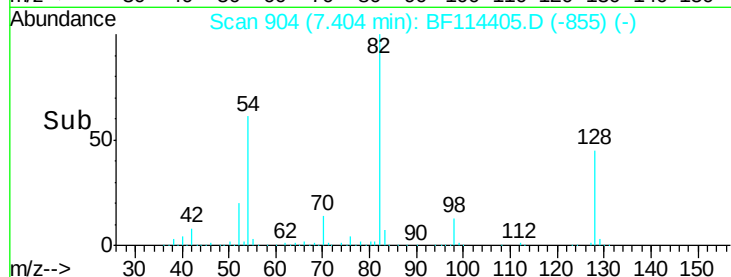
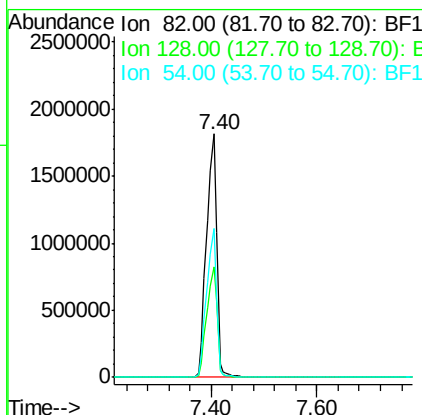
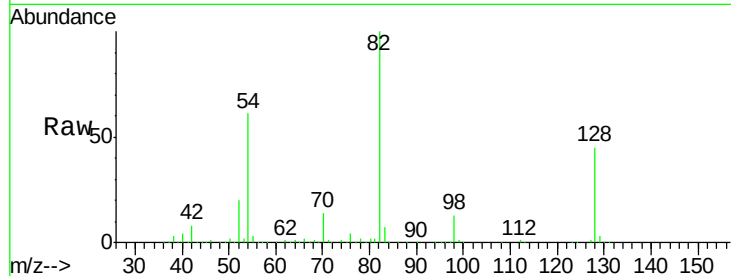




#23
 Nitrobenzene-d5
 Concen: 153.864 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF114405.D
 Acq: 18 May 2019 22:47

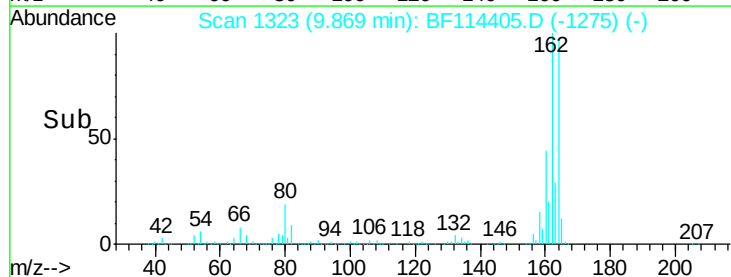
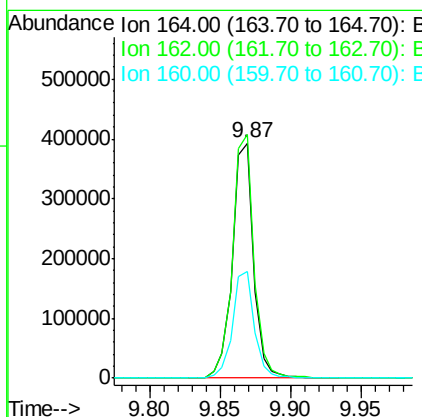
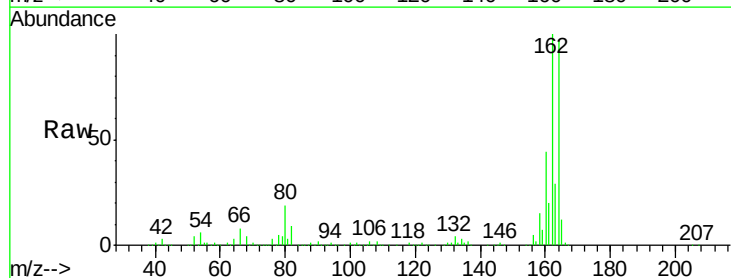
Instrument :
 BNA_F
 ClientSampleId :
 ROCKY-SOIL

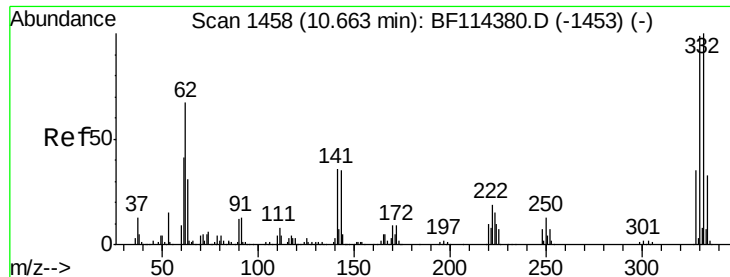
Tgt Ion: 82 Resp: 2455029
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.5 53.3
 54 61.2 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF114405.D
 Acq: 18 May 2019 22:47

Tgt Ion: 164 Resp: 413063
 Ion Ratio Lower Upper
 164 100
 162 103.5 80.6 120.8
 160 45.4 36.5 54.7

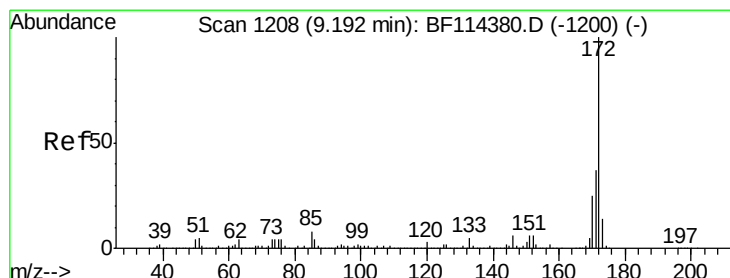
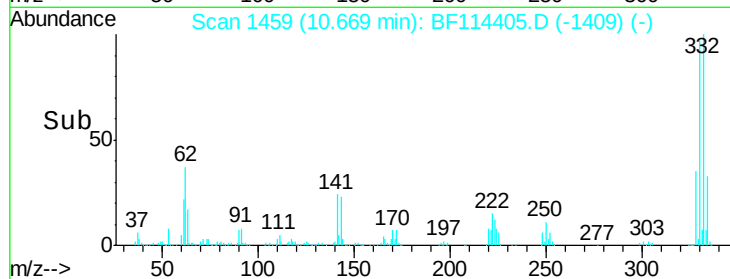
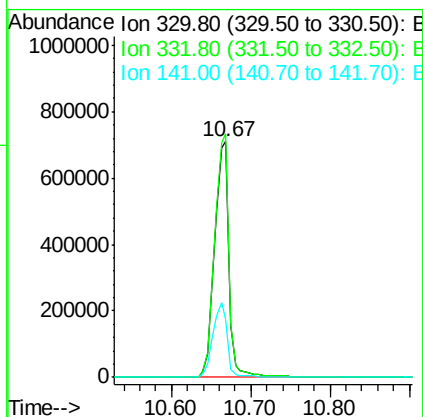
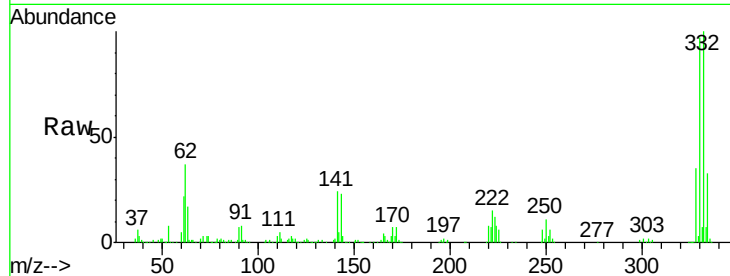




#42
 2,4,6-Tribromophenol
 Concen: 211.603 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF114405.D
 Acq: 18 May 2019 22:47

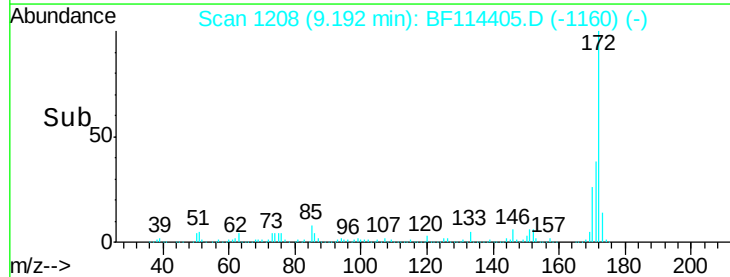
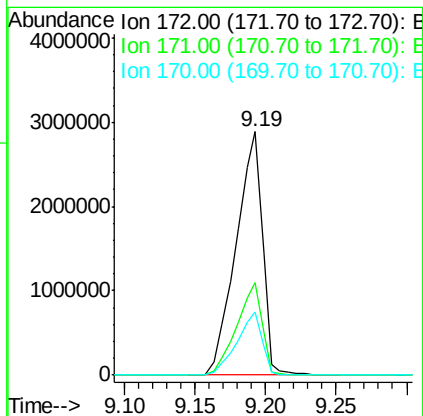
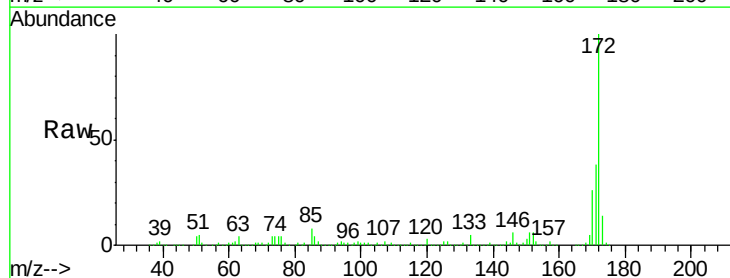
Instrument :
 BNA_F
 ClientSampleId :
 ROCKY-SOIL

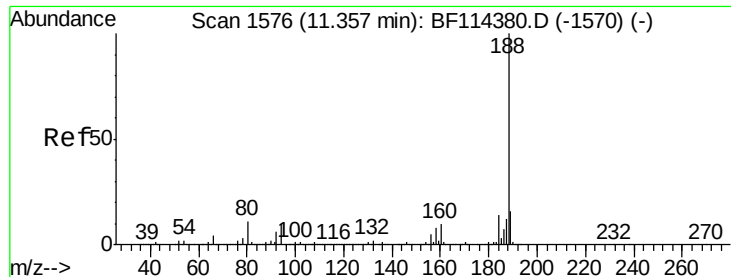
Tgt Ion	Ratio	Lower	Upper
330	100		
332	102.9	81.4	122.2
141	31.8	26.6	40.0



#45
 2-Fluorobiphenyl
 Concen: 138.090 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BF114405.D
 Acq: 18 May 2019 22:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.7	46.1
170	25.9	20.5	30.7

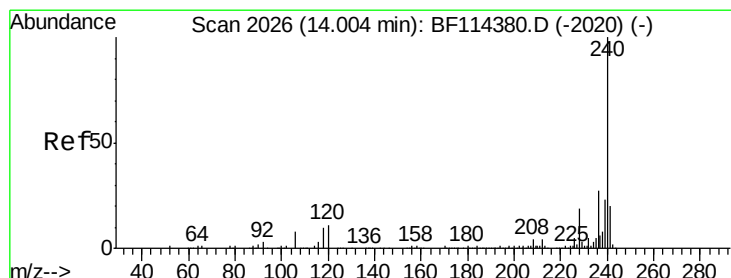
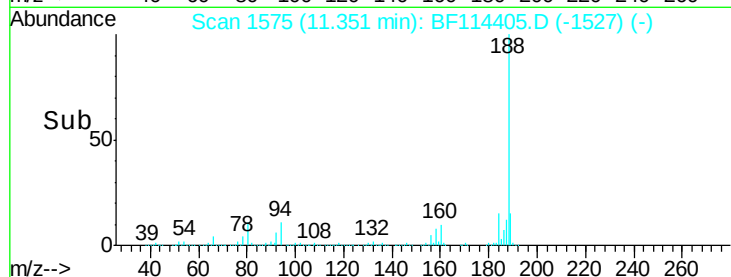
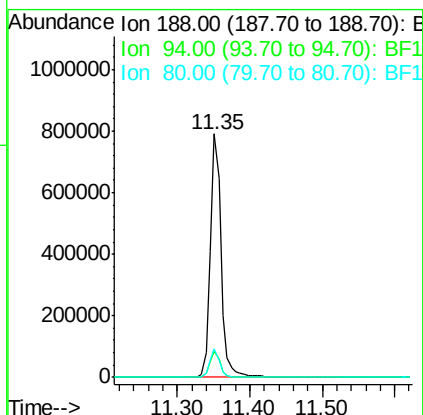
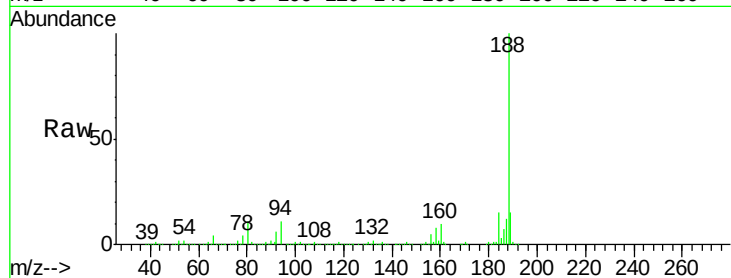




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

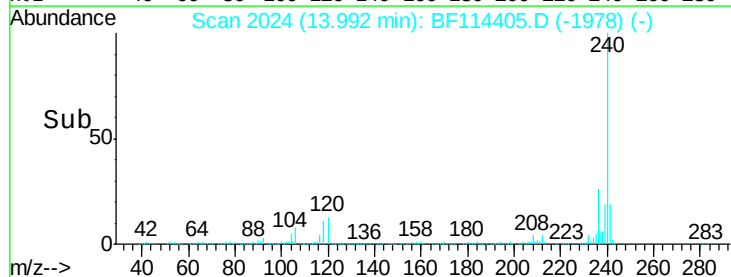
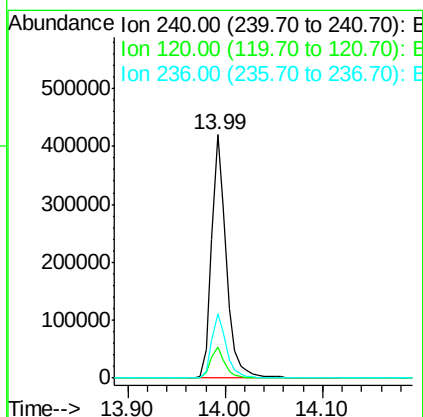
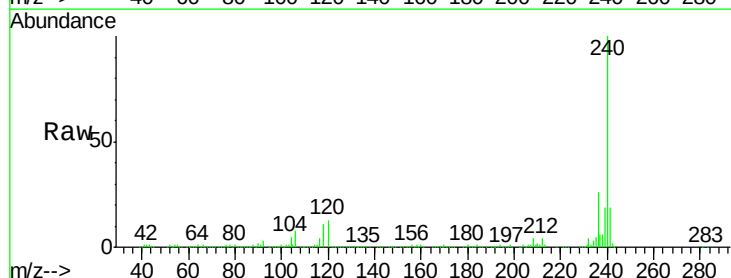
Instrument :
BNA_F
ClientSampleId :
ROCKY-SOIL

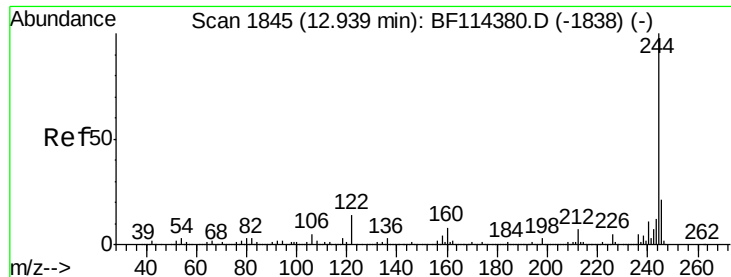
Tgt Ion:188 Resp: 815577
Ion Ratio Lower Upper
188 100
94 10.5 8.4 12.6
80 11.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.03 min
Lab File: BF114405.D
Acq: 18 May 2019 22:47

Tgt Ion:240 Resp: 440409
Ion Ratio Lower Upper
240 100
120 12.7 8.3 12.5#
236 26.4 20.8 31.2





#79

Terphenyl-d14

Concen: 163.125 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.02 min

Lab File: BF114405.D

Acq: 18 May 2019 22:47

Instrument :

BNA_F

ClientSampleId :

ROCKY-SOIL

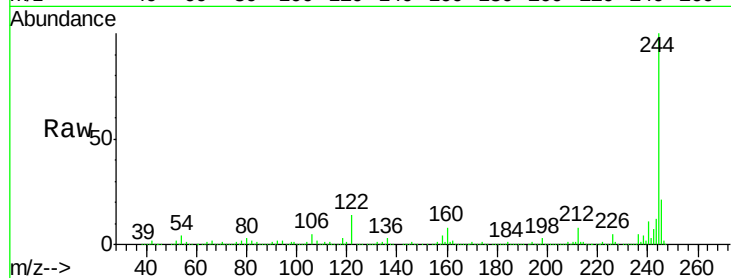
Tgt Ion:244 Resp: 3485043

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.6

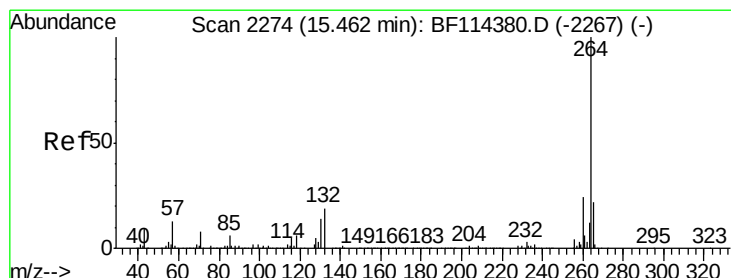
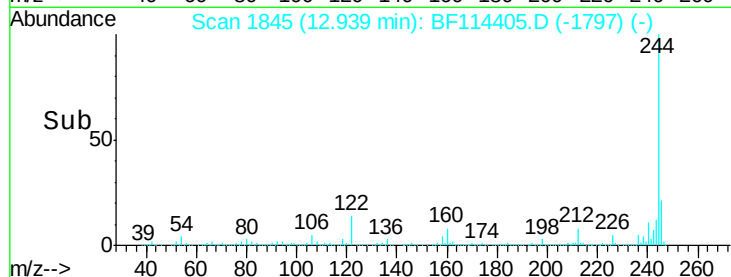
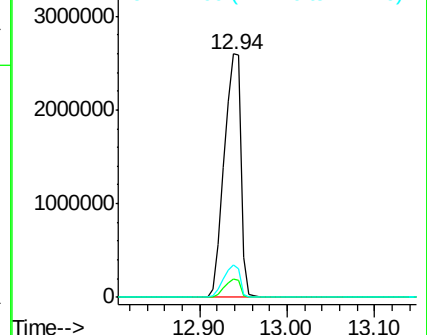
122 13.5 9.4 14.2



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# 2273

Delta R.T. -0.05 min

Lab File: BF114405.D

Acq: 18 May 2019 22:47

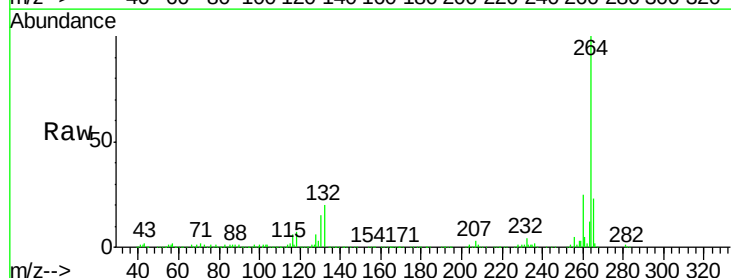
Tgt Ion:264 Resp: 447201

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

265 22.7 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

