

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051519\
 Data File : BF114284.D
 Acq On : 15 May 2019 14:48
 Operator : JU/SJ
 Sample : K2837-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP

Quant Time: May 16 07:38:50 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

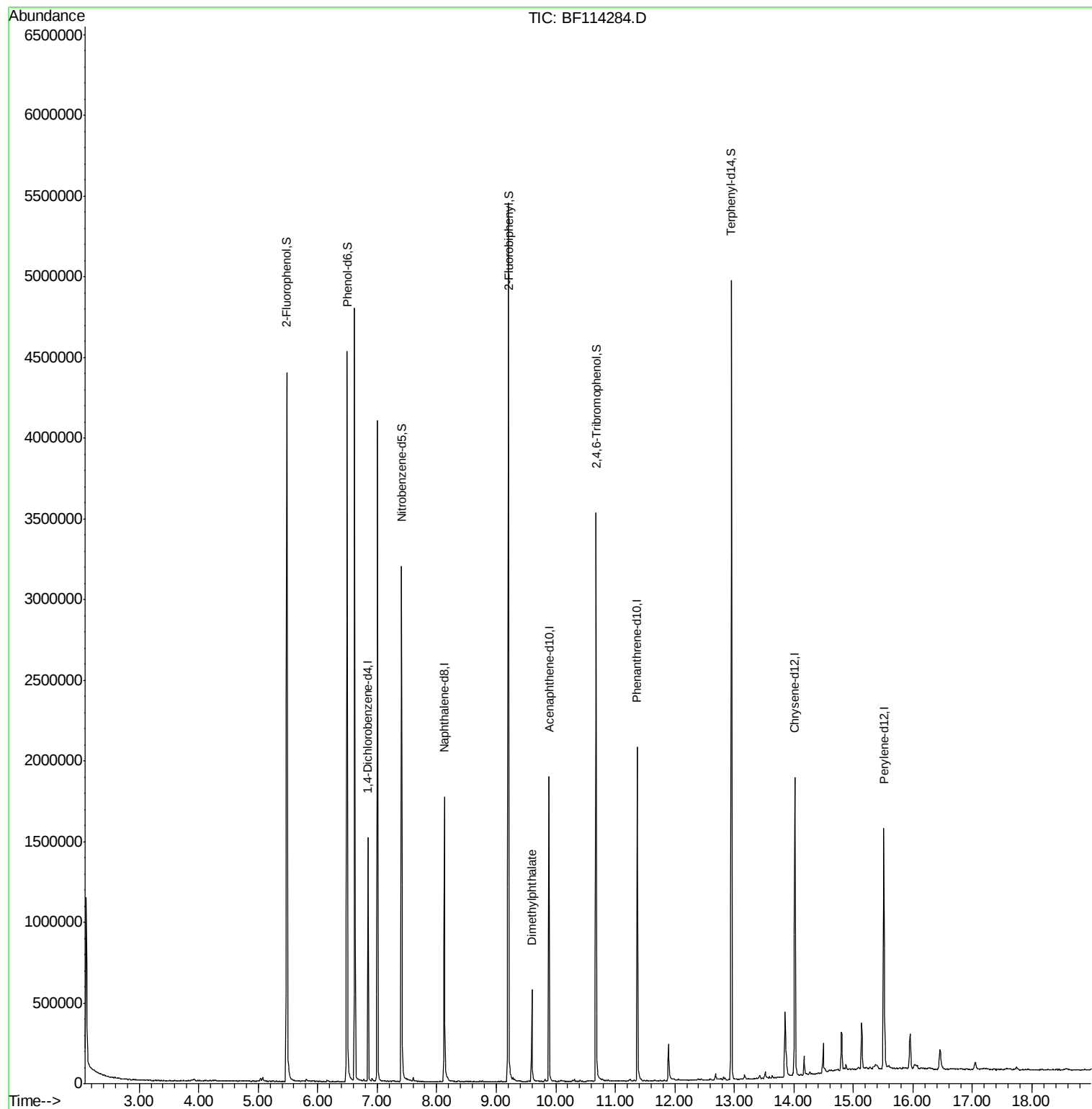
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	213770	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	826751	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	394071	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	814988	20.00	ng	0.00
76) Chrysene-d12	14.02	240	647507	20.00	ng	0.00
87) Perylene-d12	15.51	264	647667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1301843	98.00	ng	0.00
7) Phenol-d6	6.49	99	1723397	109.69	ng	0.00
23) Nitrobenzene-d5	7.41	82	1033078	70.13	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	411613	101.03	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1675816	64.33	ng	0.00
79) Terphenyl-d14	12.95	244	1748562	55.67	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.60	163	263685	9.115	ng	Qvalue 100

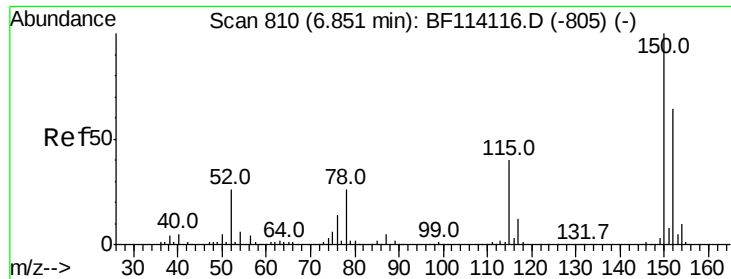
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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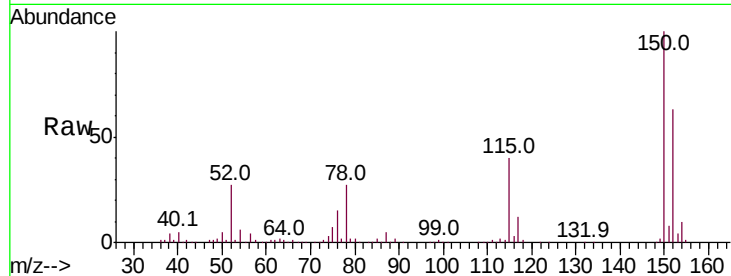


#1

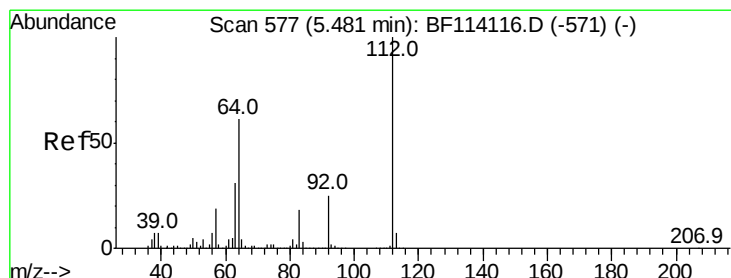
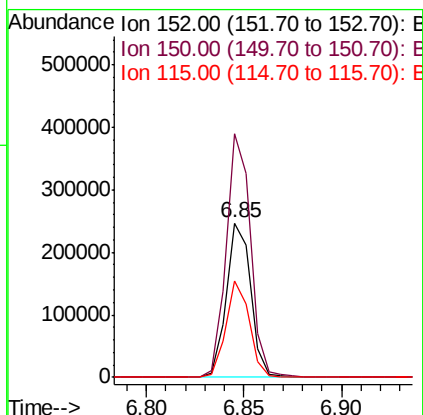
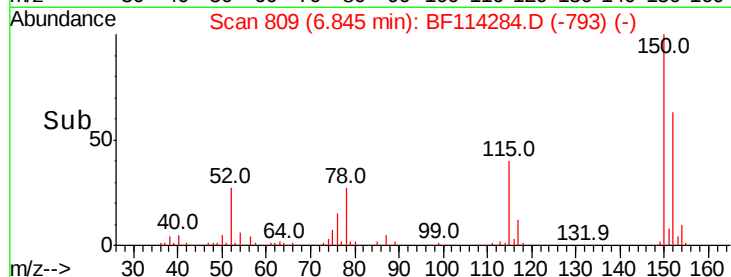
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114284.D
Acq: 15 May 2019 14:48

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP

Tot Ion:152 Resp: 213770
Ion Ratio Lower Upper
152 100
150 157.5 124.3 186.5
115 62.5 49.1 73.7



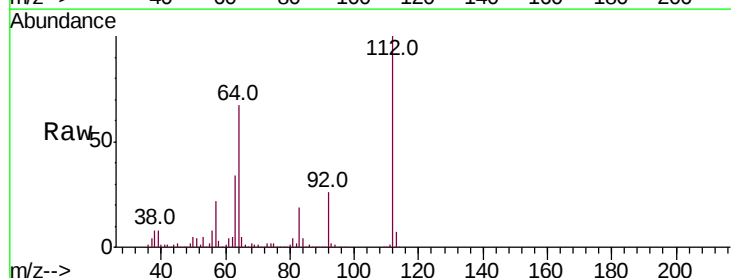
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



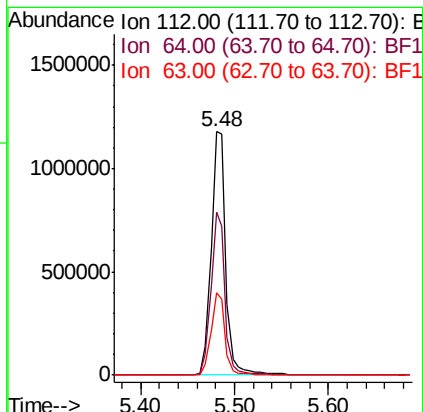
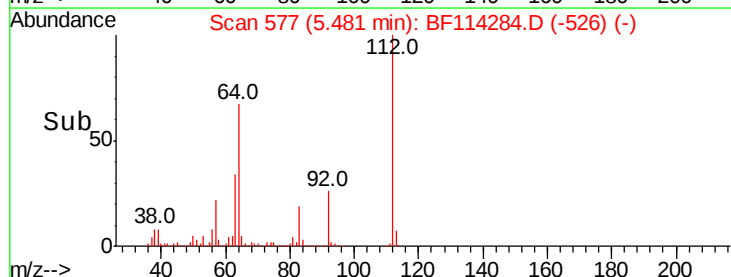
#5

2-Fluorophenol
Concen: 98.003 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114284.D
Acq: 15 May 2019 14:48

Tgt Ion:112 Resp: 1301843
Ion Ratio Lower Upper
112 100
64 67.1 49.0 73.6
63 34.0 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: 109.693 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114284.D

Acq: 15 May 2019 14:48

Instrument :

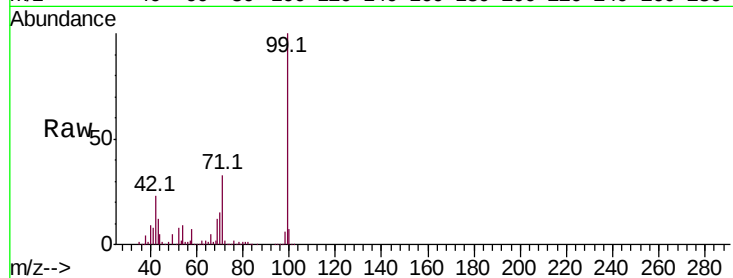
BNA_F

ClientSampleId :

SOIL-COMP

Tot Ion: 99 Resp: 1723397

Ion	Ratio	Lower	Upper
99	100		
42	22.8	17.9	26.9
71	32.8	26.2	39.2

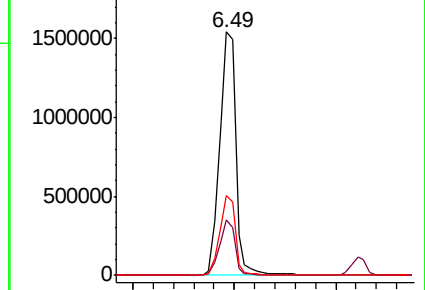
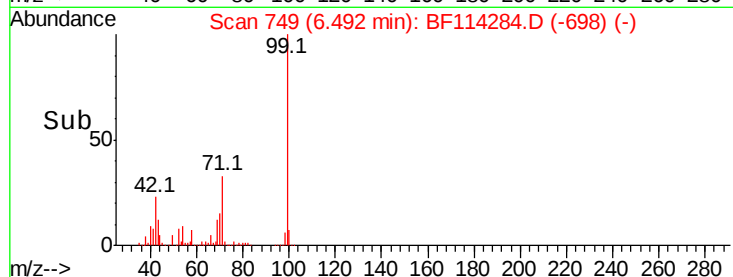


Abundance

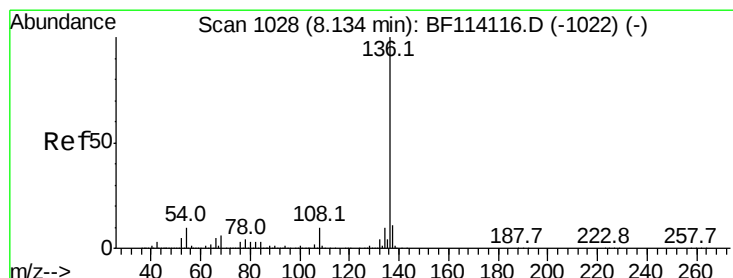
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

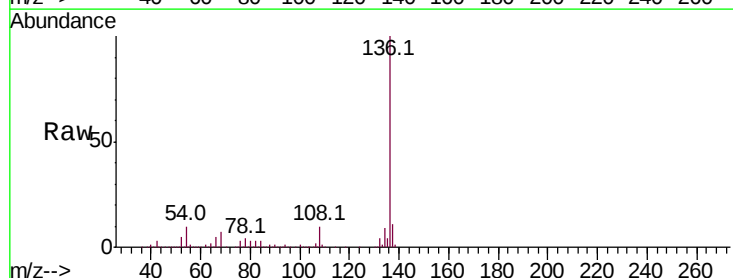
Delta R.T. -0.01 min

Lab File: BF114284.D

Acq: 15 May 2019 14:48

Tgt Ion: 136 Resp: 826751

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	10.4	7.8	11.8
68	6.8	5.1	7.7



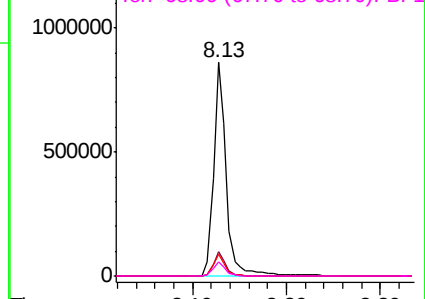
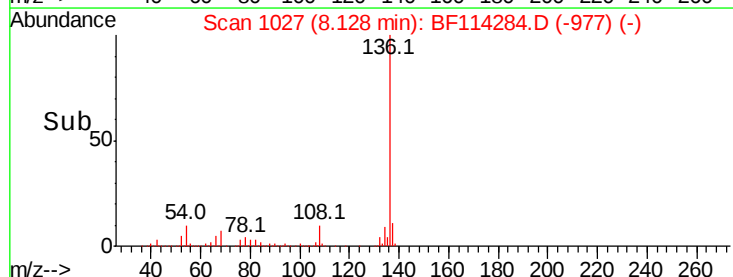
Abundance

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



Time-->

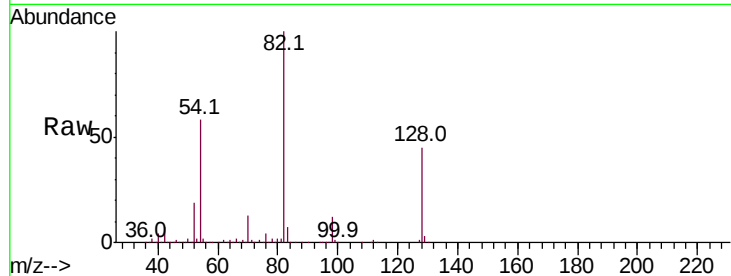


#23
 Nitrobenzene-d5
 Concen: 70.126 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF114284.D
 Acq: 15 May 2019 14:48

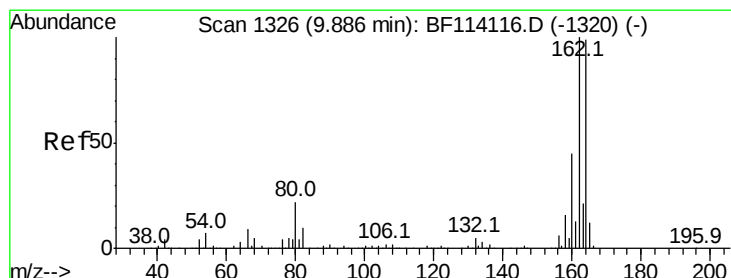
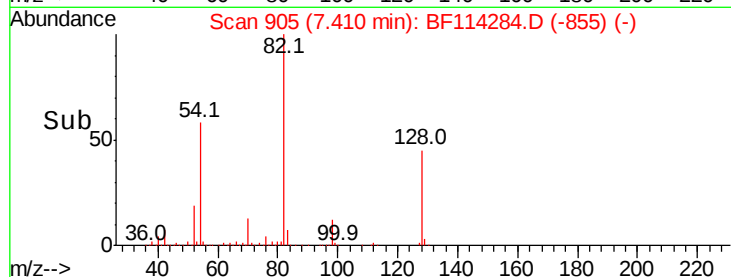
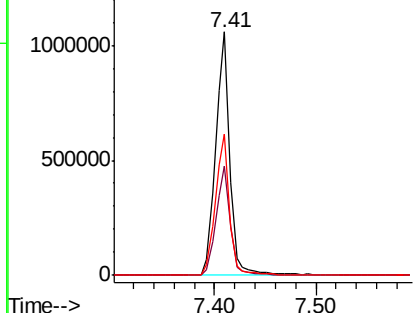
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP

Tot Ion: 82 Resp: 1033078

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.5	53.3
54	58.0	48.5	72.7



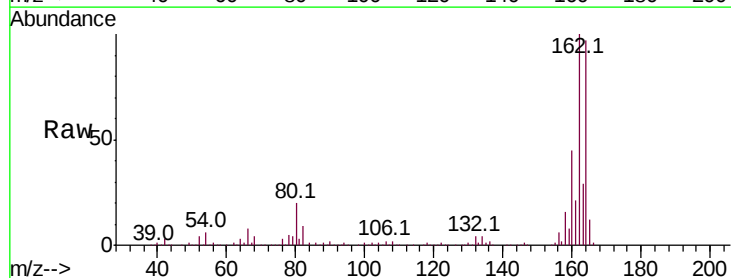
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



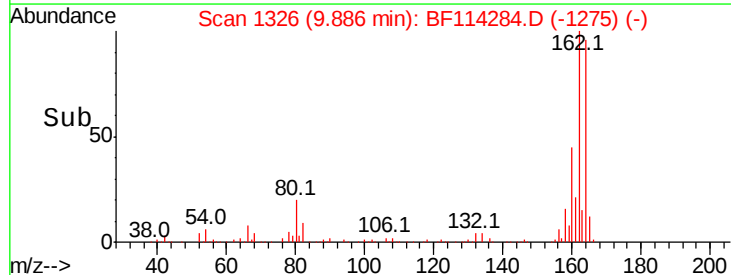
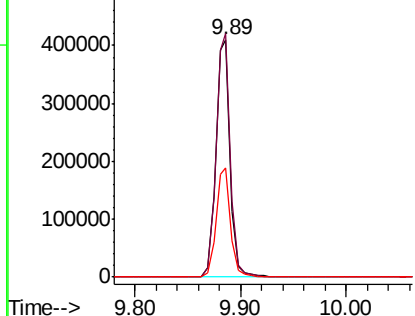
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.00 min
 Lab File: BF114284.D
 Acq: 15 May 2019 14:48

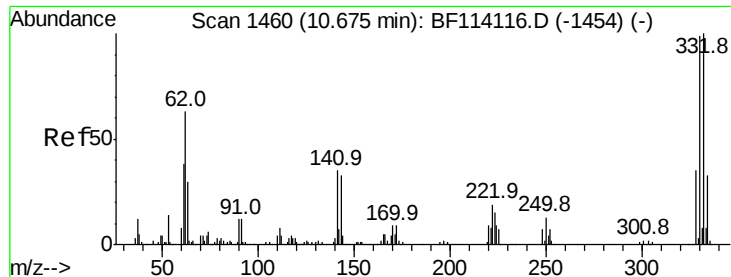
Tgt Ion:164 Resp: 394071

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.6	120.8
160	46.0	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

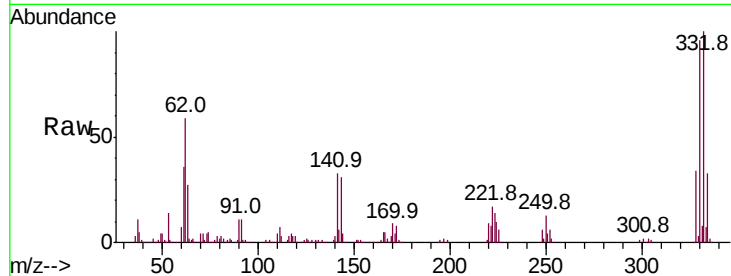




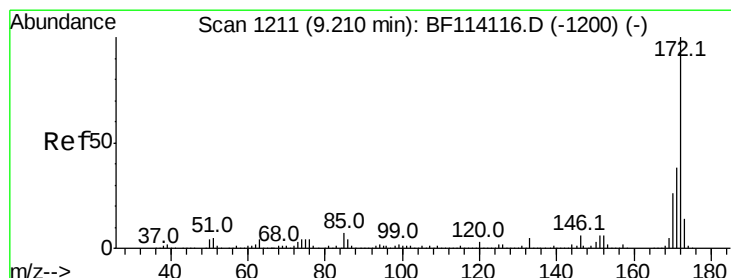
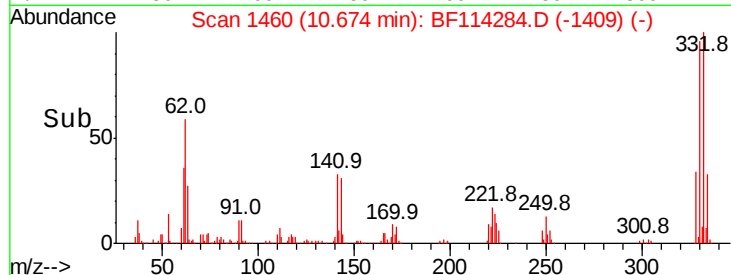
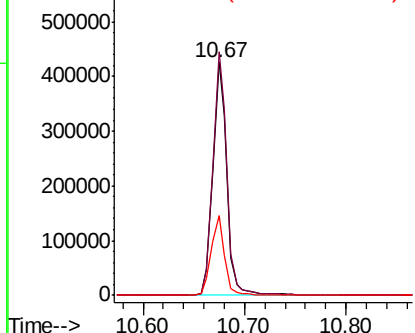
#42
 2,4,6-Tribromophenol
 Concen: 101.033 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF114284.D
 Acq: 15 May 2019 14:48

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-COMP

Tot Ion:330 Resp: 411613
 Ion Ratio Lower Upper
 330 100
 332 103.9 81.4 122.2
 141 33.3 26.6 40.0

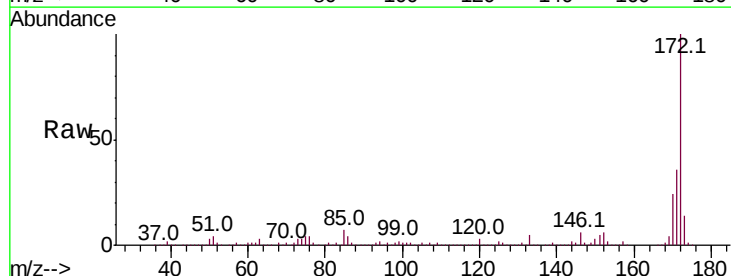


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

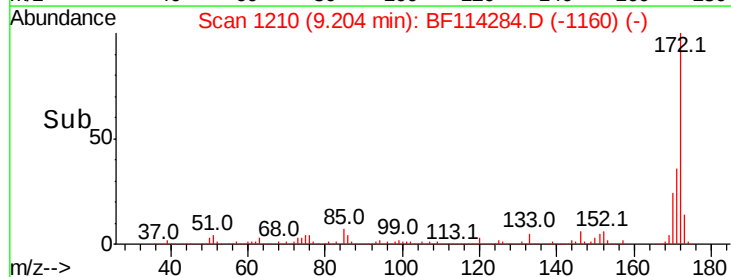
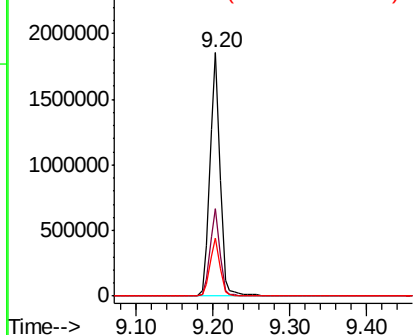


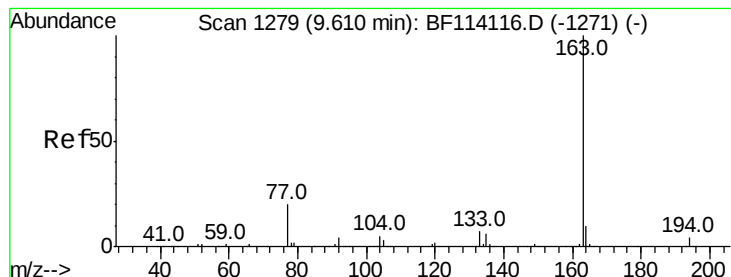
#45
 2-Fluorobiphenyl
 Concen: 64.327 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114284.D
 Acq: 15 May 2019 14:48

Tgt Ion:172 Resp: 1675816
 Ion Ratio Lower Upper
 172 100
 171 35.8 30.7 46.1
 170 24.1 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: 9.115 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF114284.D

Acq: 15 May 2019 14:48

Instrument :

BNA_F

ClientSampleId :

SOIL-COMP

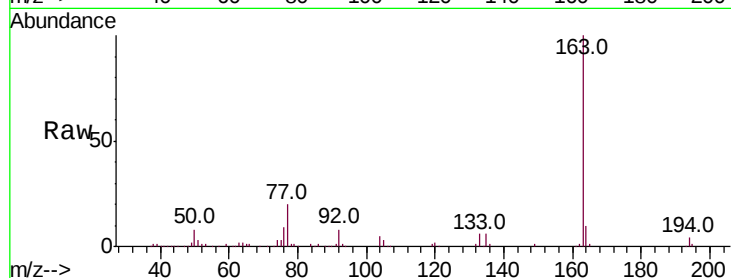
Tot Ion:163 Resp: 263685

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

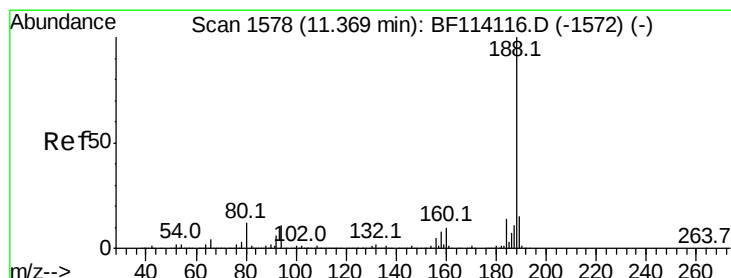
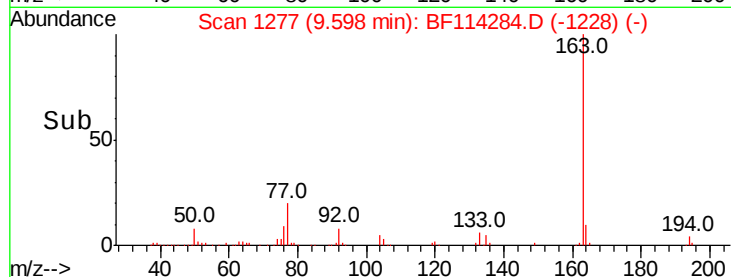
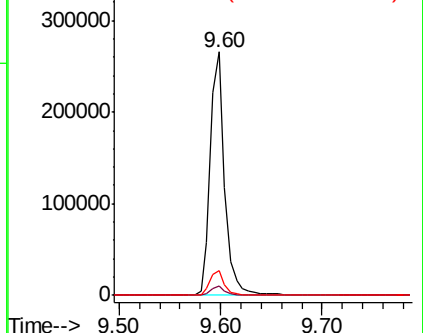
164 10.2 8.2 12.2



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114284.D

Acq: 15 May 2019 14:48

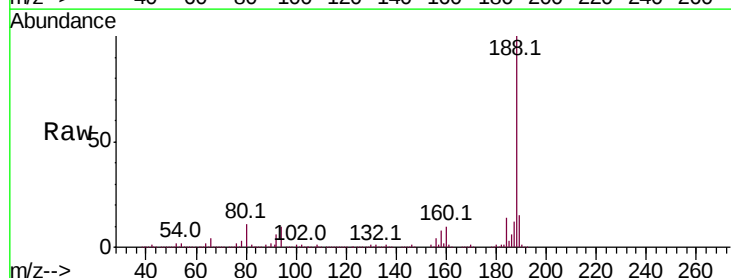
Tgt Ion:188 Resp: 814988

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

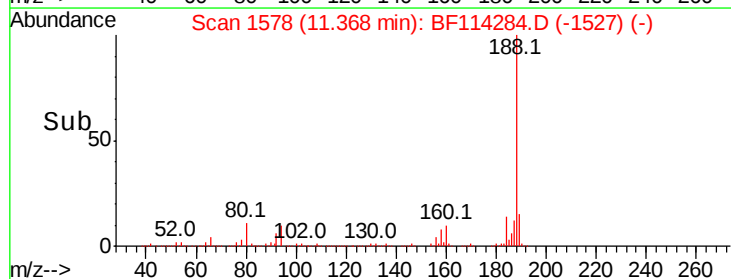
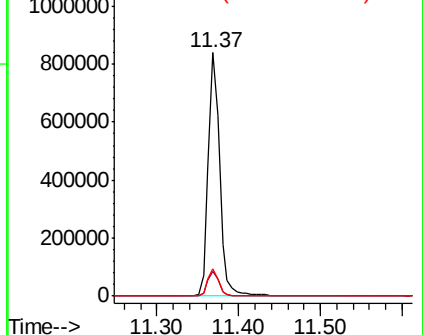
80 11.4 9.2 13.8

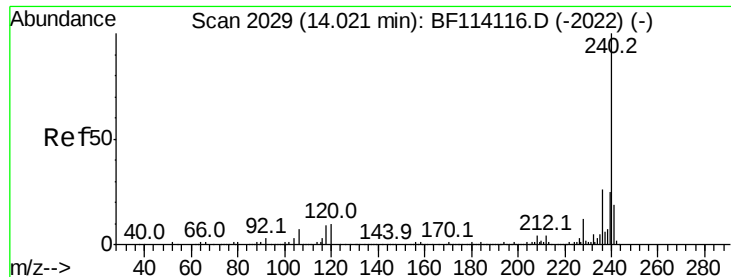


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.02 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BF114284.D

Acq: 15 May 2019 14:48

Instrument :

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ClientSampleId :

SOIL-COMP

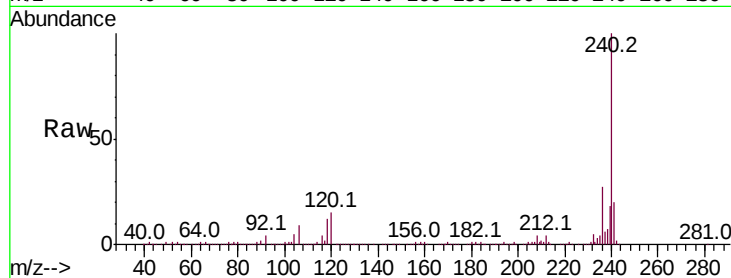
Tot Ion:240 Resp: 647507

Ion Ratio Lower Upper

240 100

120 14.5 8.3 12.5#

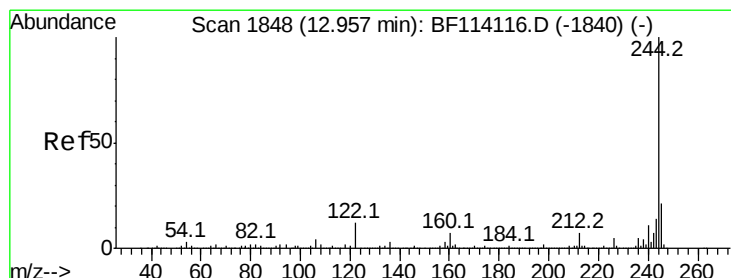
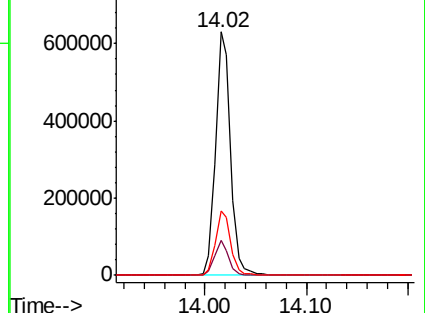
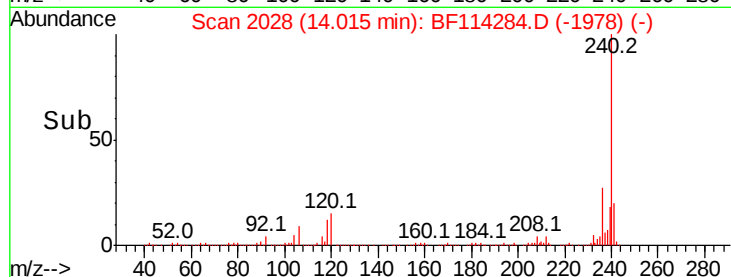
236 26.7 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 55.668 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF114284.D

Acq: 15 May 2019 14:48

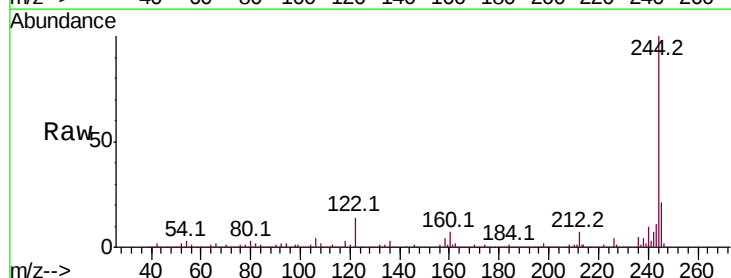
Tgt Ion:244 Resp: 1748562

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

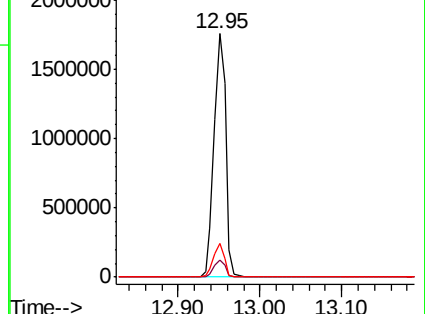
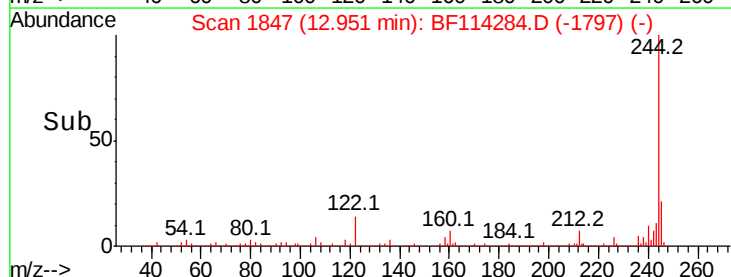
122 13.6 9.4 14.2

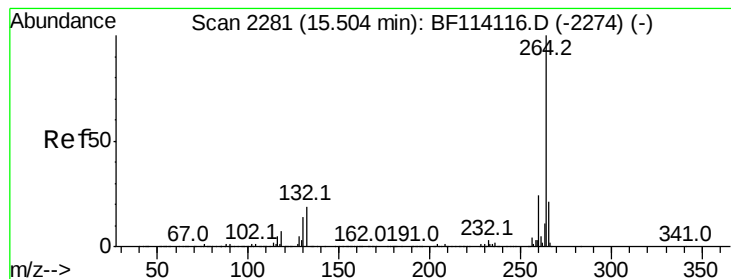


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF114284.D

Acq: 15 May 2019 14:48

Instrument :

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SOIL-COMP

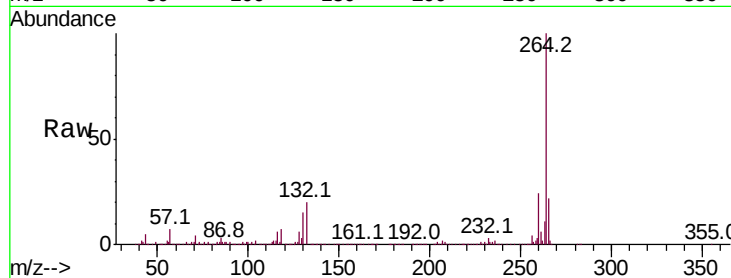
Tot Ion:264 Resp: 647667

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 21.5 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

