

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112275.D
 Acq On : 28 Jan 2019 15:30
 Operator : JU/SJ
 Sample : K1254-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Quant Time: Jan 28 16:40:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

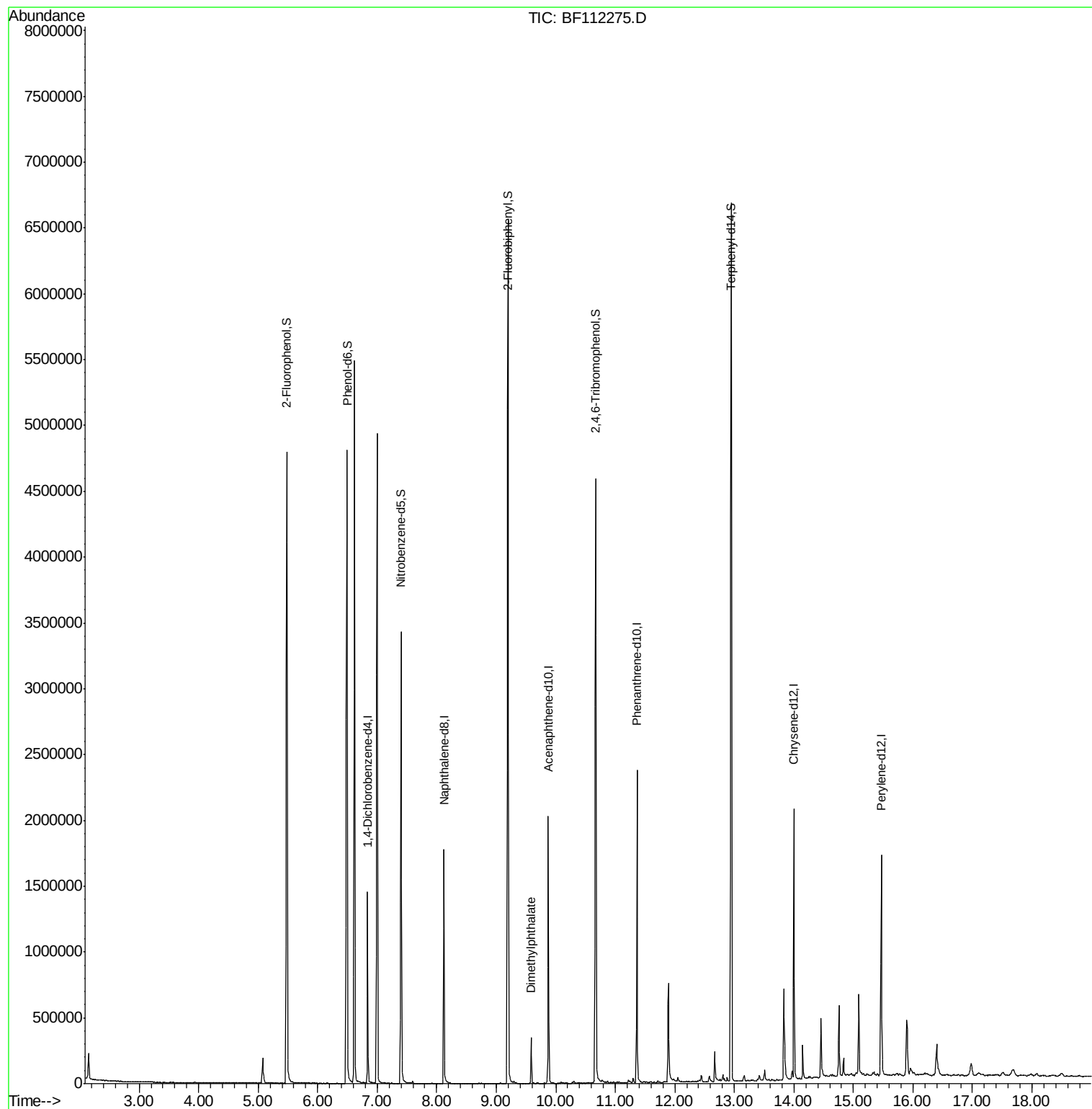
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	211511	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	827267	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	424692	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	856083	20.00	ng	0.00
76) Chrysene-d12	14.00	240	701862	20.00	ng	0.00
87) Perylene-d12	15.47	264	554345	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1494276	150.06	ng	0.00
7) Phenol-d6	6.49	99	1862713	134.62	ng	0.00
23) Nitrobenzene-d5	7.40	82	1202898	83.78	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	636658	128.79	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2191699	72.99	ng	0.00
79) Terphenyl-d14	12.94	244	2449502	65.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	143619	4.353	ng	Qvalue 99

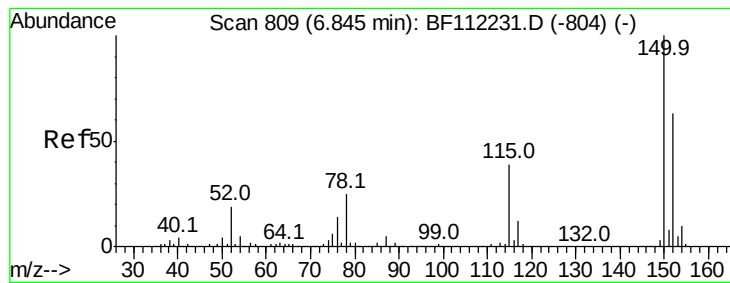
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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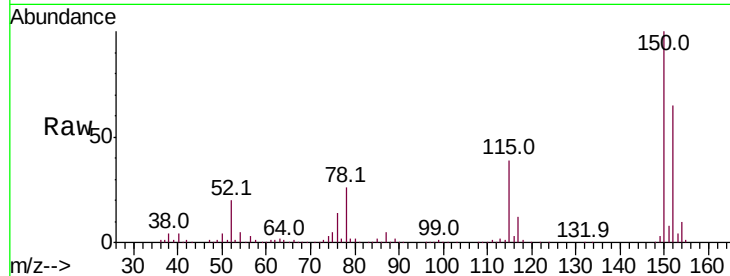


#1

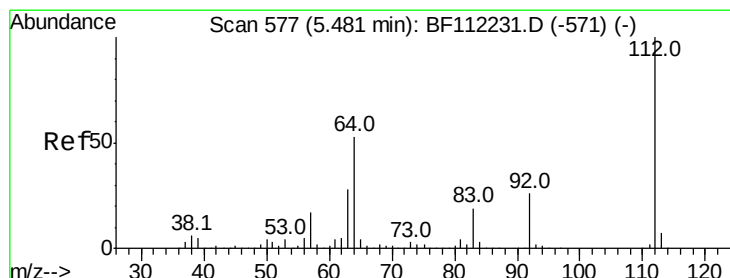
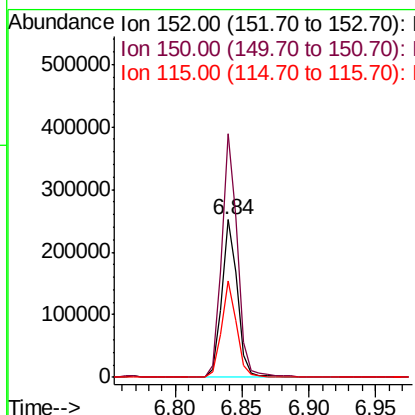
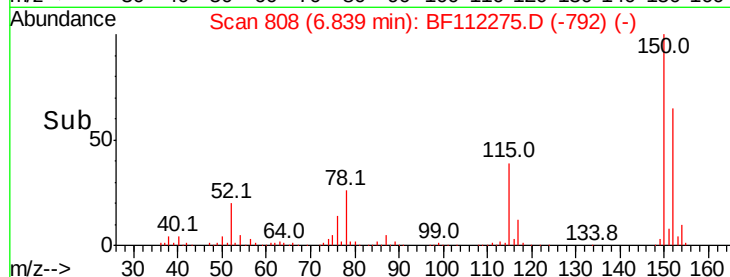
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112275.D
Acq: 28 Jan 2019 15:30

Instrument :
BNA_F
ClientSampleId :
SOIL-2

Tot Ion:152 Resp: 211511
Ion Ratio Lower Upper
152 100
150 154.5 127.4 191.0
115 61.0 45.5 68.3



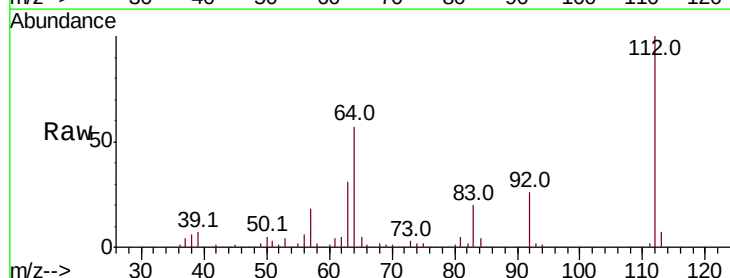
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



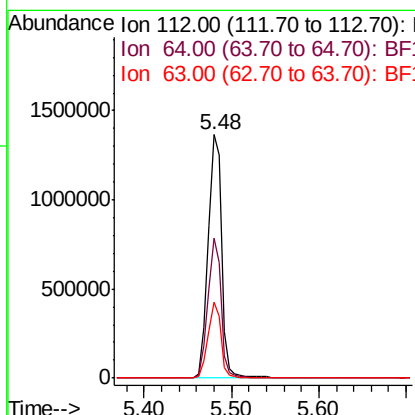
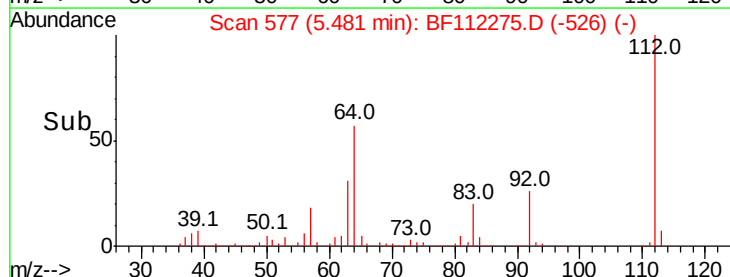
#5

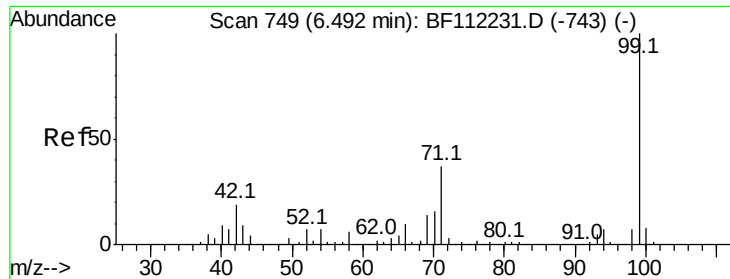
2-Fluorophenol
Concen: 150.060 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF112275.D
Acq: 28 Jan 2019 15:30

Tgt Ion:112 Resp: 1494276
Ion Ratio Lower Upper
112 100
64 57.4 45.7 68.5
63 31.1 23.6 35.4



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: 134.619 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112275.D

Acq: 28 Jan 2019 15:30

Instrument :

BNA_F

ClientSampleId :

SOIL-2

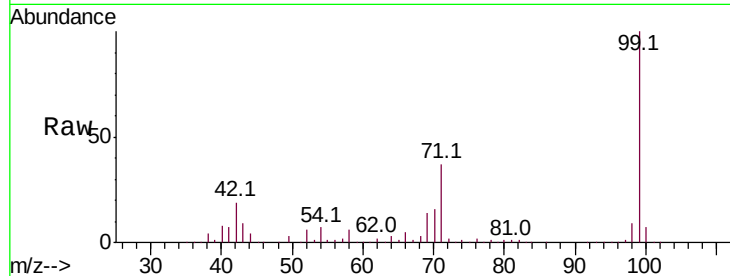
Tot Ion: 99 Resp: 1862713

Ion Ratio Lower Upper

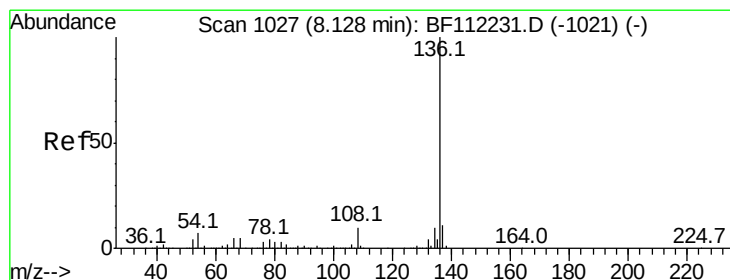
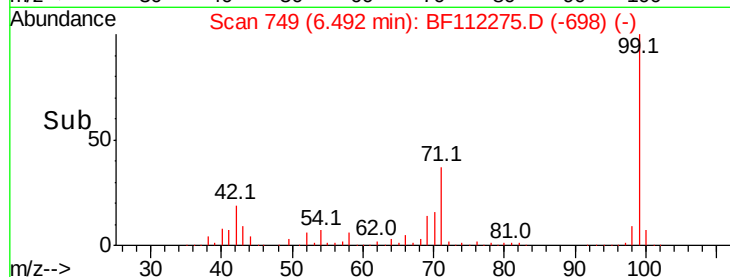
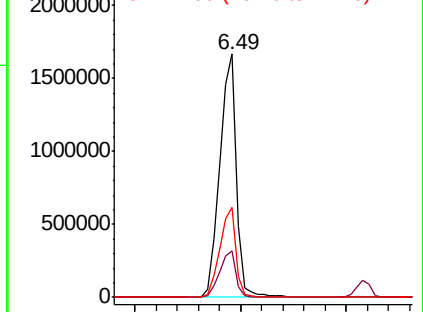
99 100

42 19.0 15.1 22.7

71 36.8 26.9 40.3



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# 1026

Delta R.T. -0.01 min

Lab File: BF112275.D

Acq: 28 Jan 2019 15:30

Tgt Ion: 136 Resp: 827267

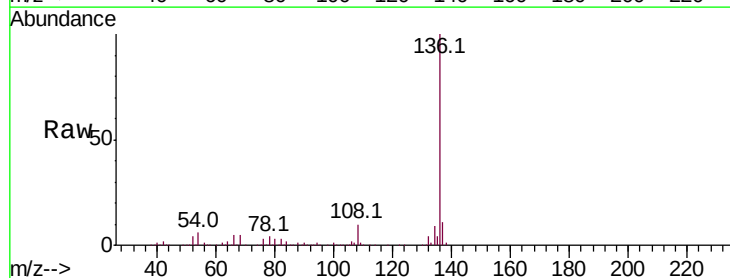
Ion Ratio Lower Upper

136 100

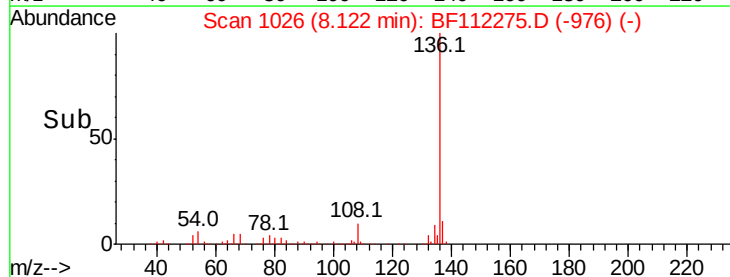
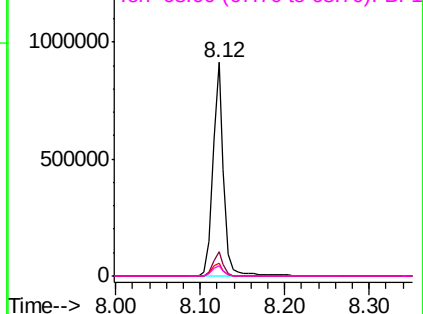
137 11.3 9.1 13.7

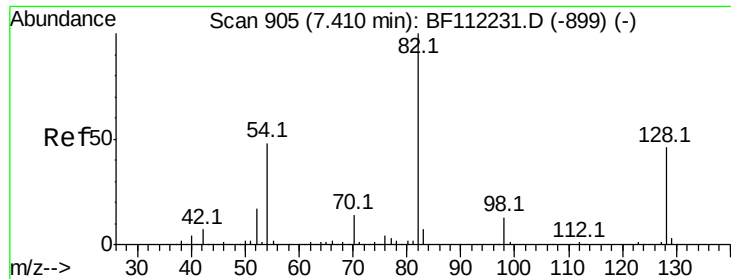
54 6.2 5.9 8.9

68 4.8 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



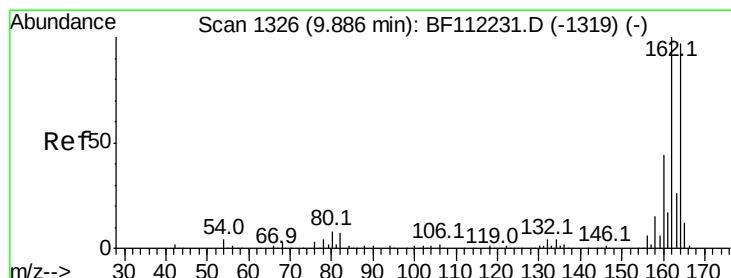
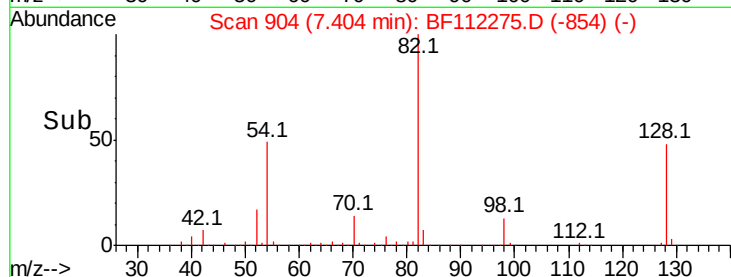
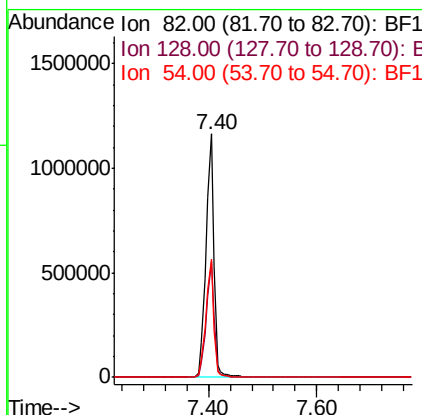
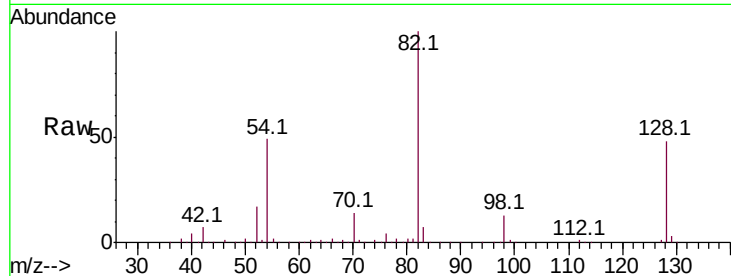


#23
 Nitrobenzene-d5
 Concen: 83.783 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF112275.D
 Acq: 28 Jan 2019 15:30

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Tot Ion: 82 Resp: 1202898

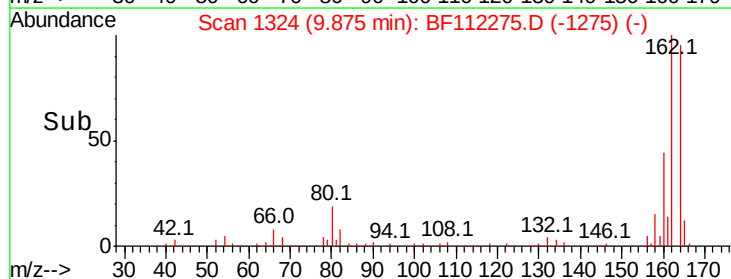
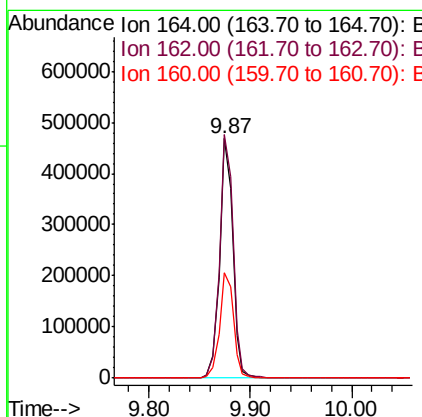
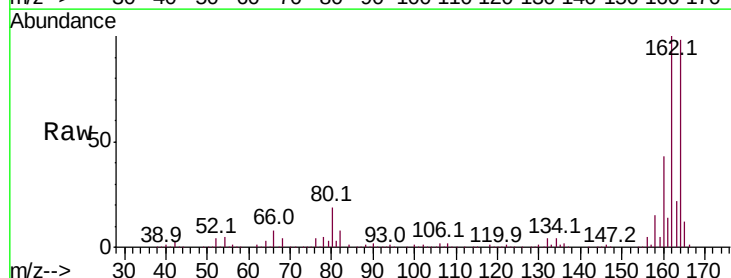
Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.8	56.8
54	48.6	39.7	59.5

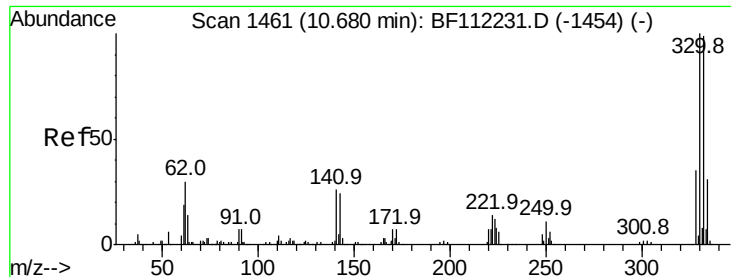


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF112275.D
 Acq: 28 Jan 2019 15:30

Tgt Ion: 164 Resp: 424692

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.4
160	44.1	36.2	54.4

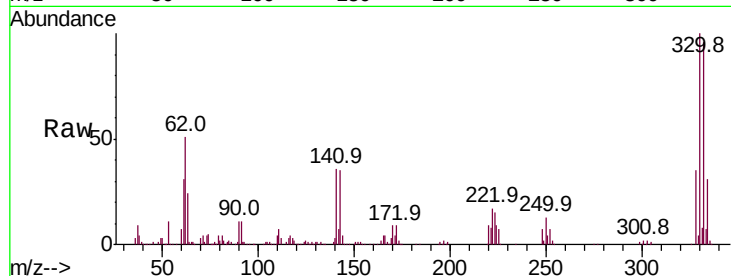




#42
 2,4,6-Tribromophenol
 Concen: 128.792 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112275.D
 Acq: 28 Jan 2019 15:30

Instrument :
 BNA_F
 ClientSampled :
 SOIL-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	114.8
141	31.9	24.3	36.5

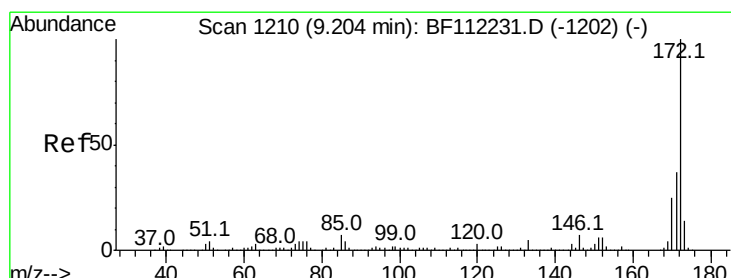
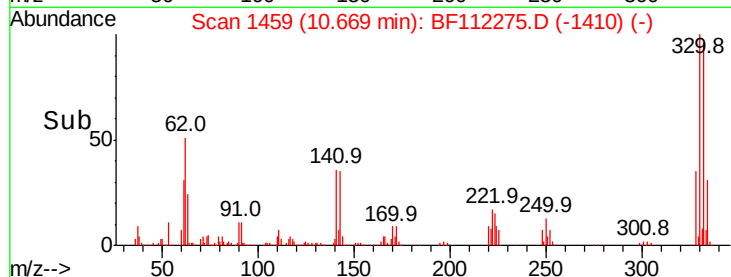
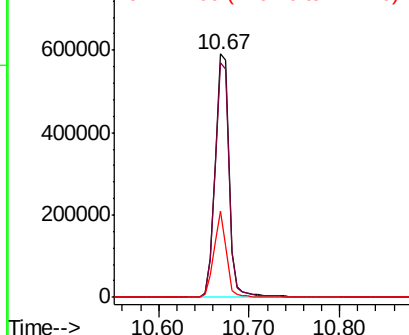


Abundance

Ion 329.80 (329.50 to 330.50): E

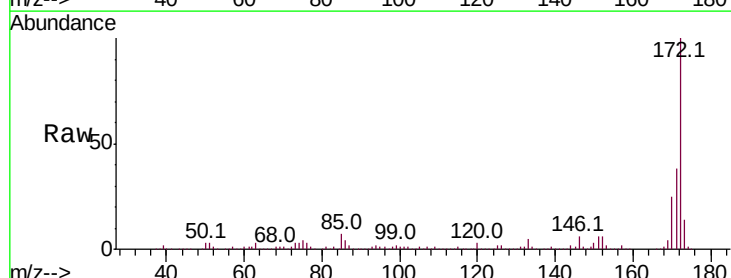
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.989 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112275.D
 Acq: 28 Jan 2019 15:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.5	45.7
170	24.8	20.2	30.4

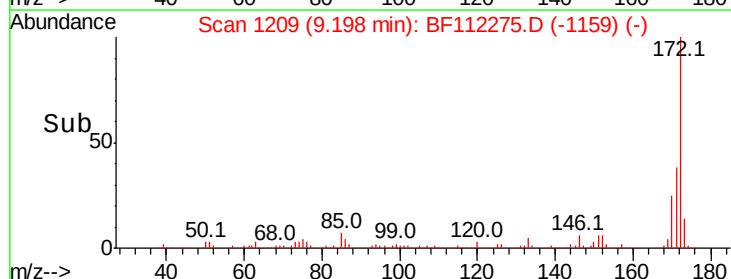
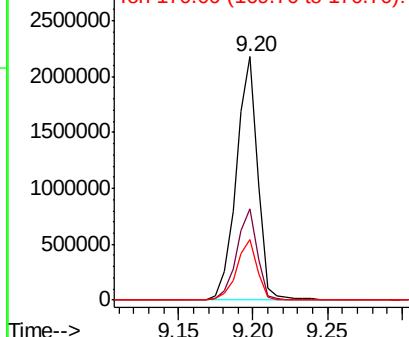


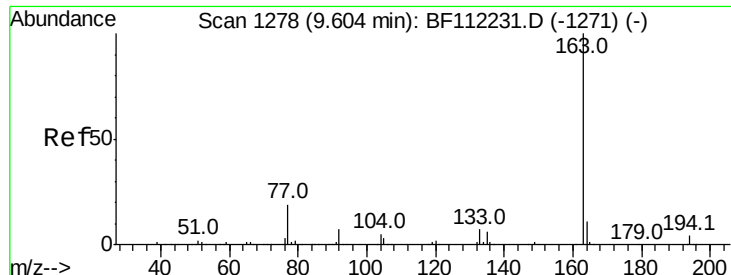
Abundance

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: 4.353 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF112275.D

Acq: 28 Jan 2019 15:30

Instrument :

BNA_F

ClientSampleId :

SOIL-2

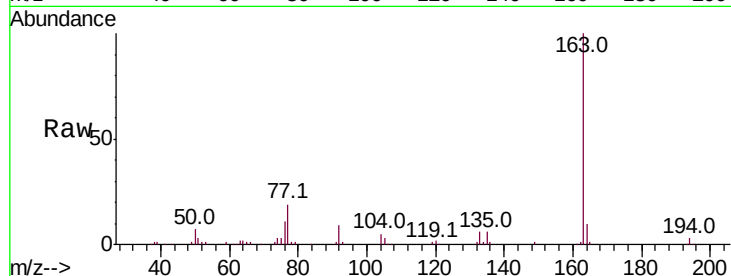
Tot Ion:163 Resp: 143619

Ion Ratio Lower Upper

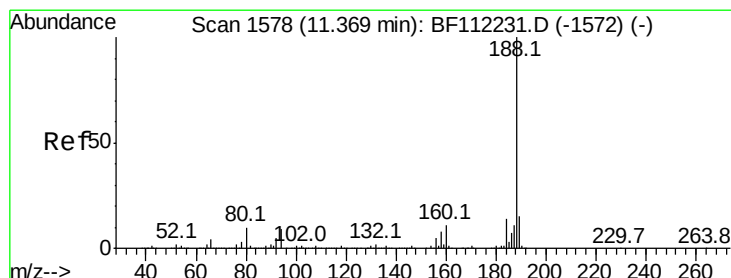
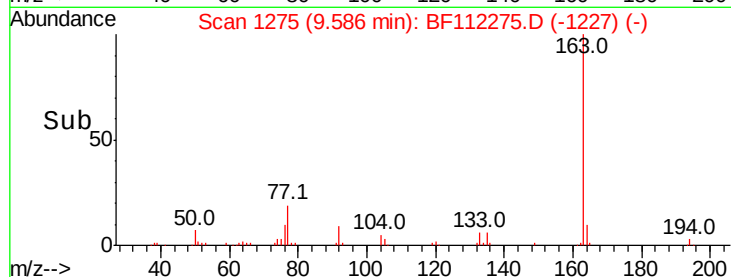
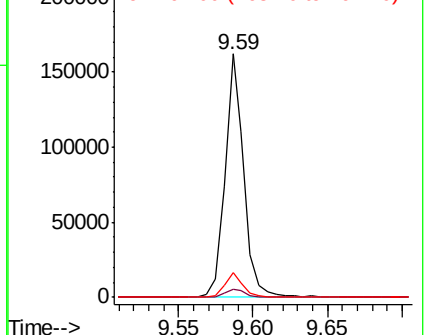
163 100

194 3.5 3.3 4.9

164 10.2 8.5 12.7



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# 1577

Delta R.T. -0.01 min

Lab File: BF112275.D

Acq: 28 Jan 2019 15:30

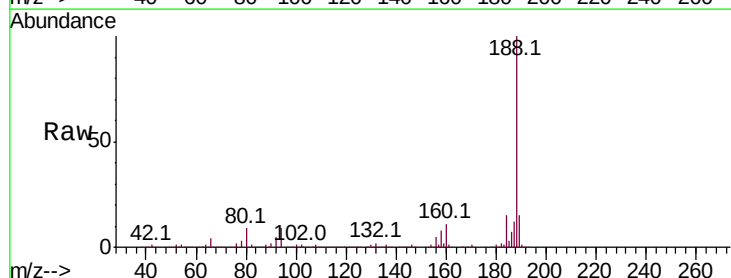
Tgt Ion:188 Resp: 856083

Ion Ratio Lower Upper

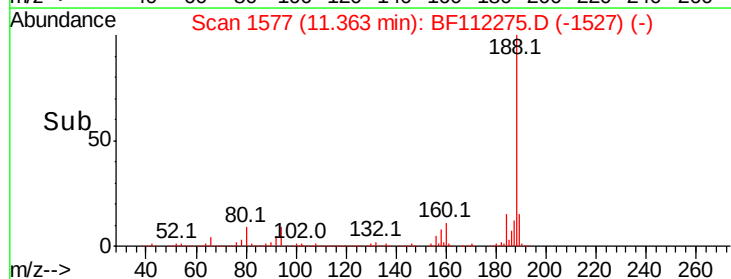
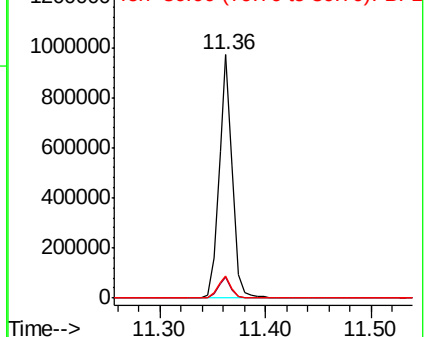
188 100

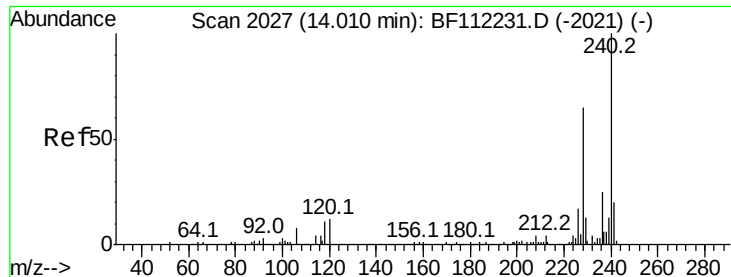
94 8.8 8.2 12.2

80 9.0 8.9 13.3



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

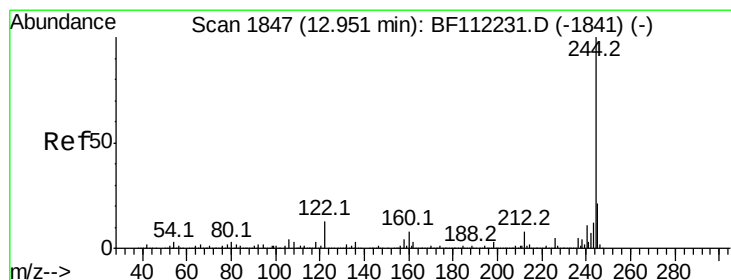
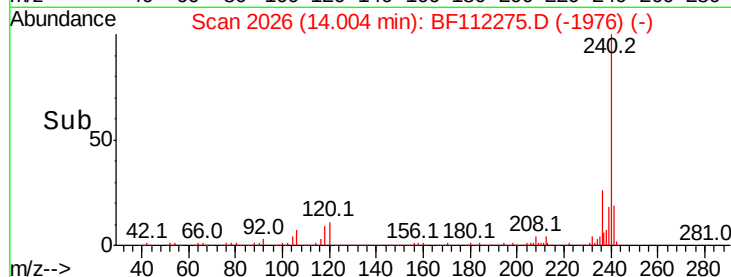
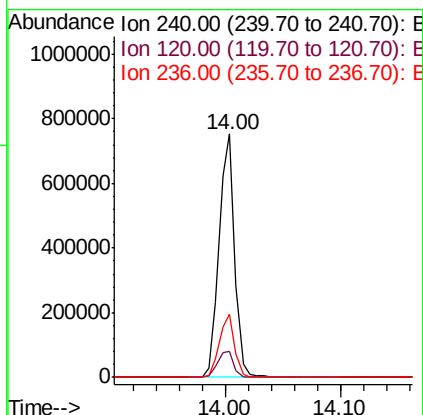
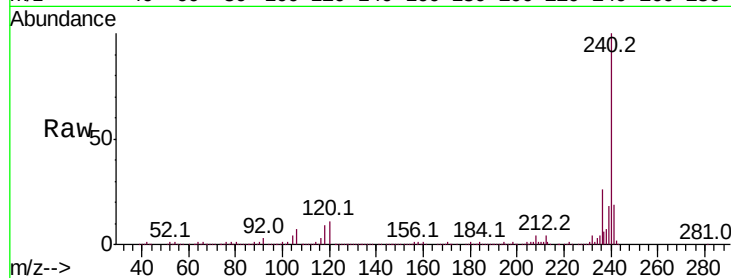




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF112275.D
 Acq: 28 Jan 2019 15:30

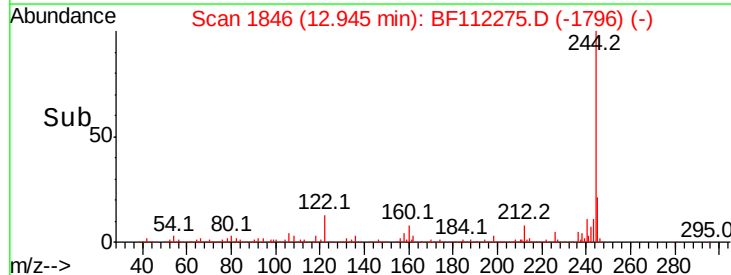
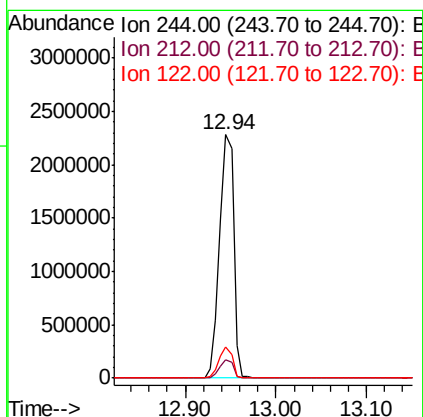
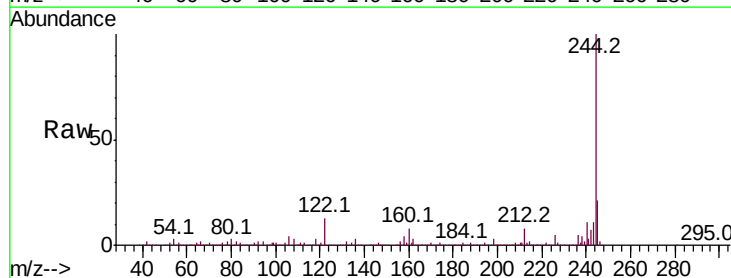
Instrument :
 BNA_F
 ClientSampleID :
 SOIL-2

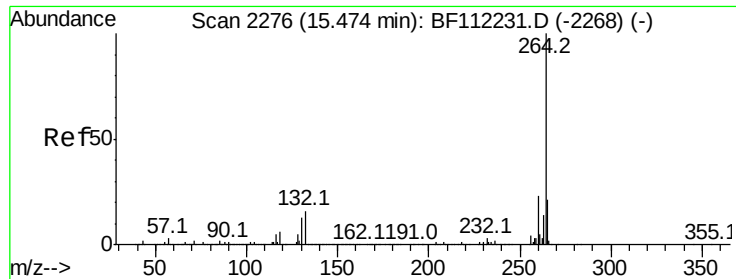
Tot Ion:240 Resp: 701862
 Ion Ratio Lower Upper
 240 100
 120 10.6 9.0 13.6
 236 25.8 20.7 31.1



#79
 Terphenyl-d14
 Concen: 65.732 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112275.D
 Acq: 28 Jan 2019 15:30

Tgt Ion:244 Resp: 2449502
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 12.7 9.8 14.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112275.D
Acq: 28 Jan 2019 15:30

Instrument :
BNA_F
ClientSampleId :
SOIL-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	21.2	17.0	25.4

