

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012819\
 Data File : BF112281.D
 Acq On : 28 Jan 2019 18:15
 Operator : JU/SJ
 Sample : K1254-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Quant Time: Jan 29 00:11:24 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	214425	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	837370	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	427101	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	848073	20.00	ng	0.00
76) Chrysene-d12	14.00	240	611175	20.00	ng	0.00
87) Perylene-d12	15.47	264	464433	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1311189	129.88	ng	0.01
7) Phenol-d6	6.49	99	1489812	106.21	ng	0.00
23) Nitrobenzene-d5	7.40	82	1214641	83.58	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	639910	128.72	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2455918	81.33	ng	0.00
79) Terphenyl-d14	12.95	244	2637100	81.27	ng	0.00

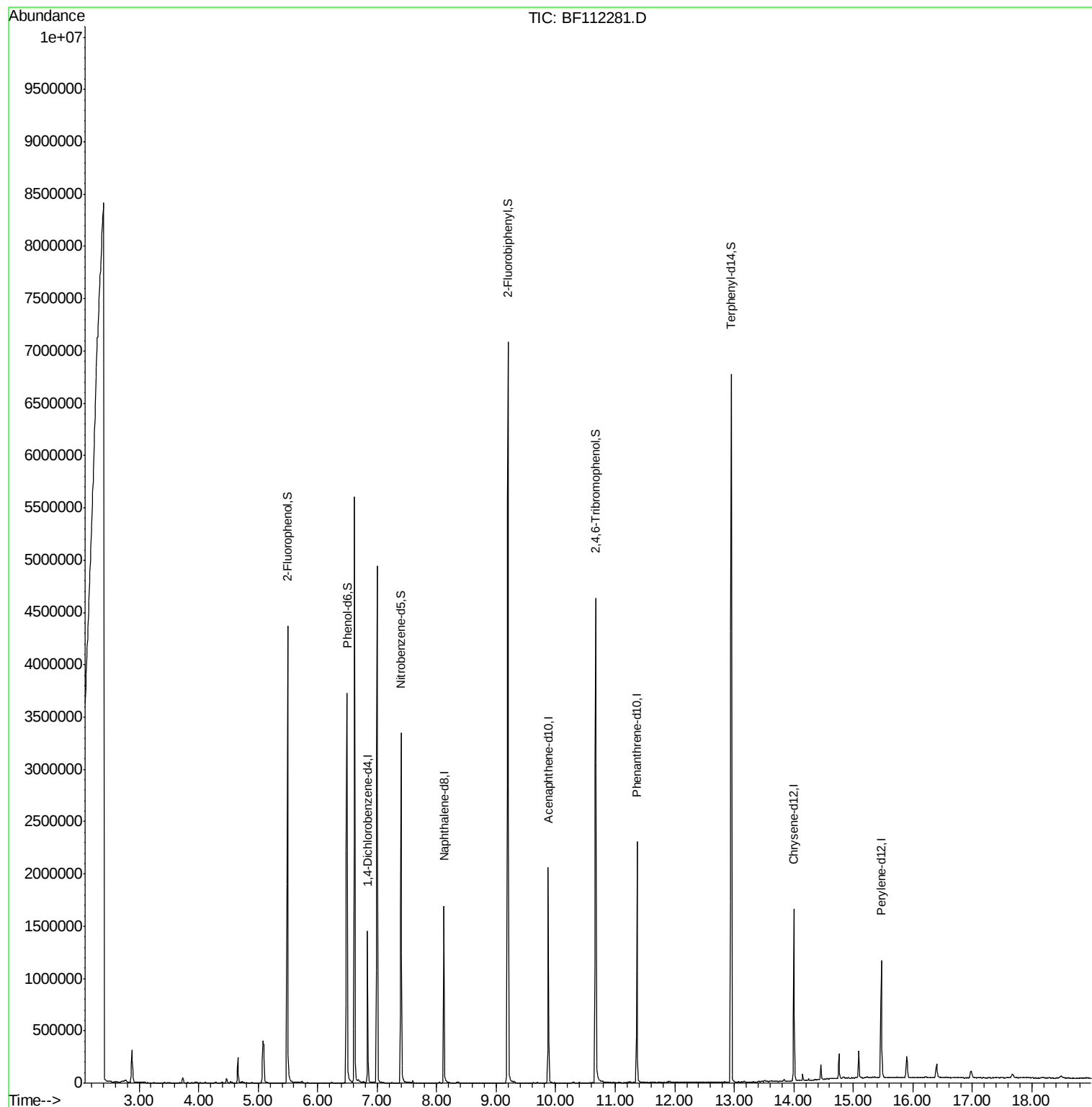
Target Compounds Qvalue

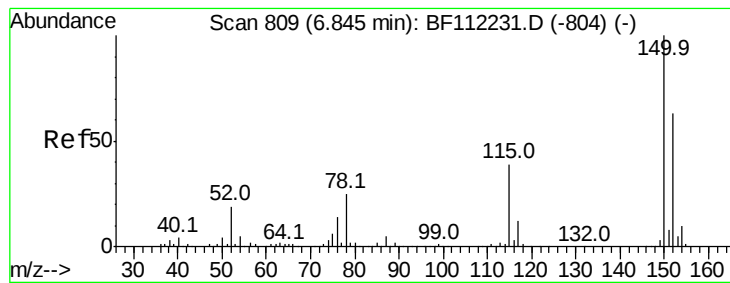
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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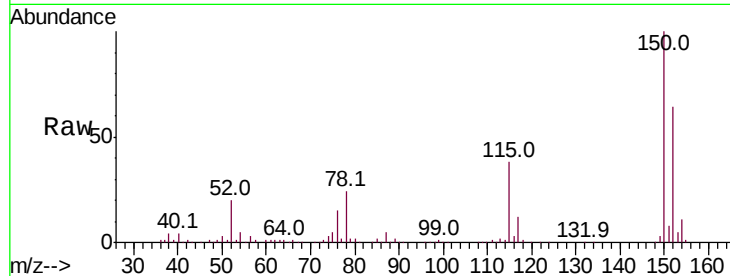


#1

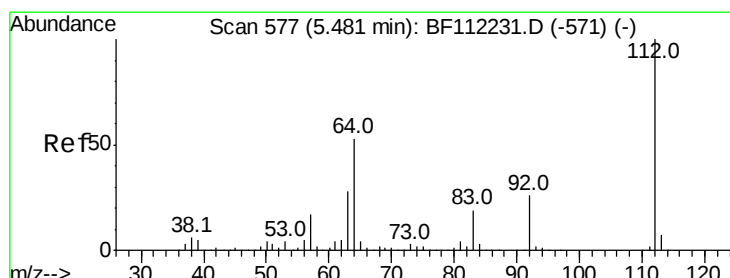
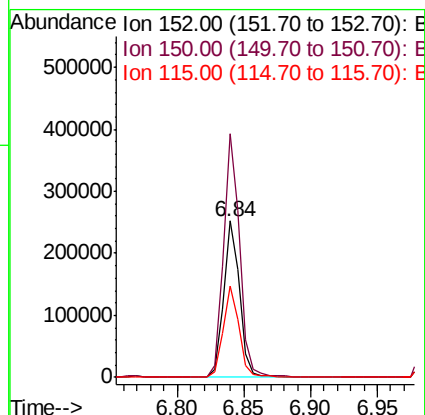
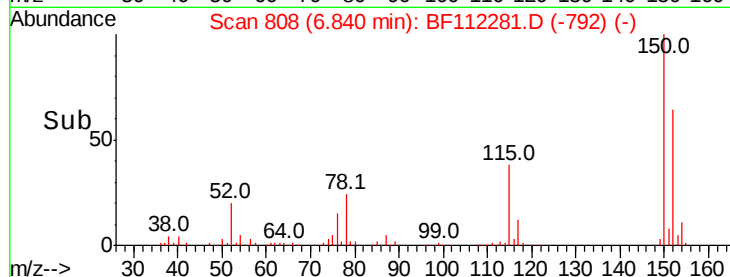
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF112281.D
Acq: 28 Jan 2019 18:15

Instrument :
BNA_F
ClientSampled :
SOIL-2

Tot Ion:152 Resp: 214425
Ion Ratio Lower Upper
152 100
150 156.0 127.4 191.0
115 58.7 45.5 68.3



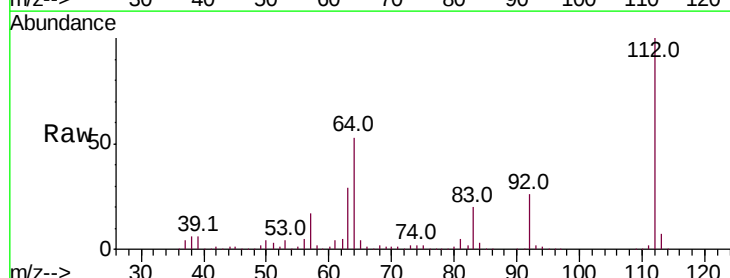
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



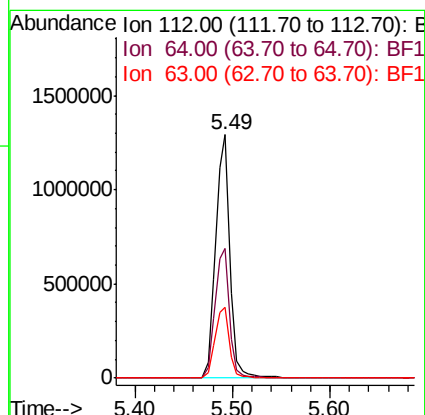
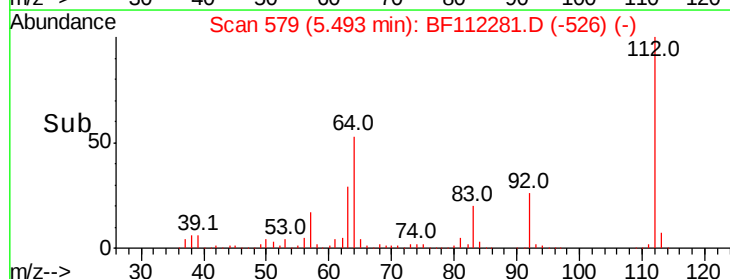
#5

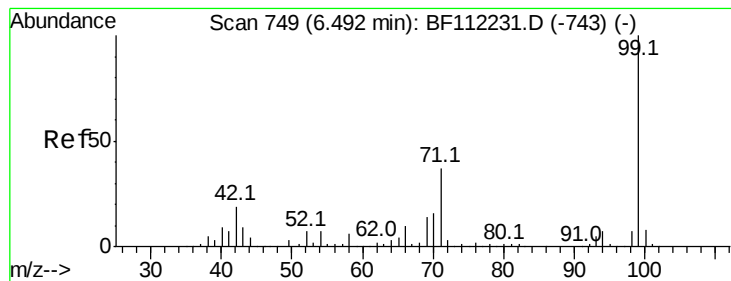
2-Fluorophenol
Concen: 129.885 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF112281.D
Acq: 28 Jan 2019 18:15

Tgt Ion:112 Resp: 1311189
Ion Ratio Lower Upper
112 100
64 53.4 45.7 68.5
63 28.9 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: 106.206 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF112281.D

Acq: 28 Jan 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SOIL-2

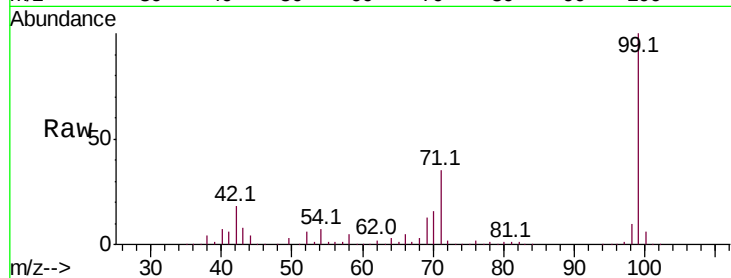
Tot Ion: 99 Resp: 1489812

Ion Ratio Lower Upper

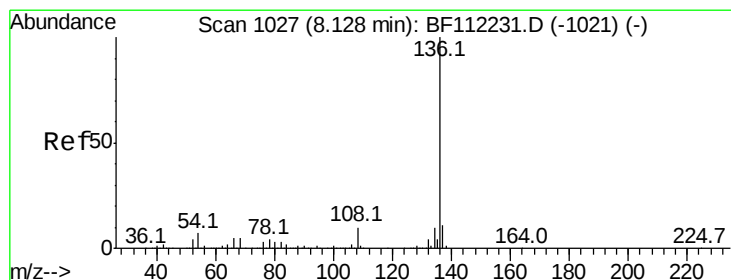
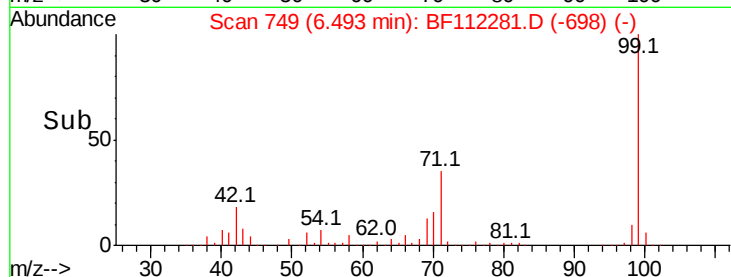
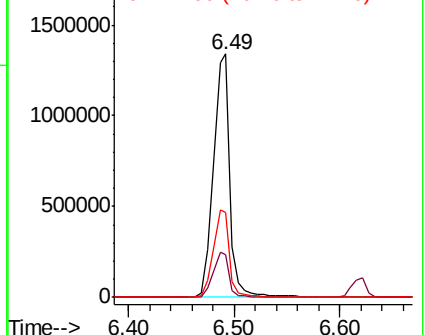
99 100

42 17.7 15.1 22.7

71 34.7 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: BF112281.D

Acq: 28 Jan 2019 18:15

Tgt Ion: 136 Resp: 837370

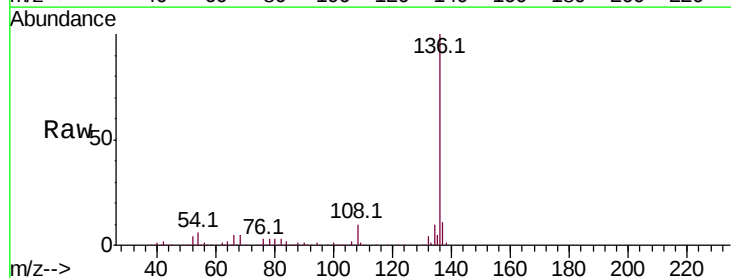
Ion Ratio Lower Upper

136 100

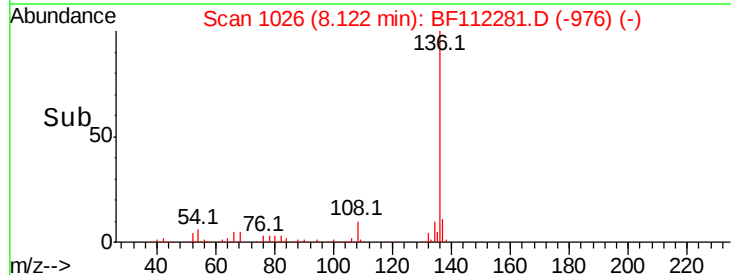
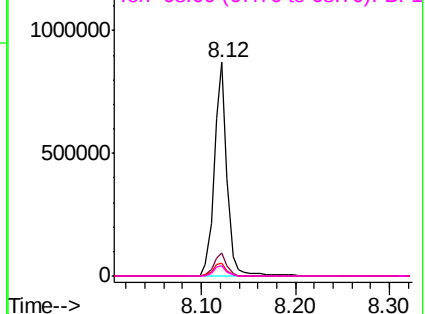
137 10.8 9.1 13.7

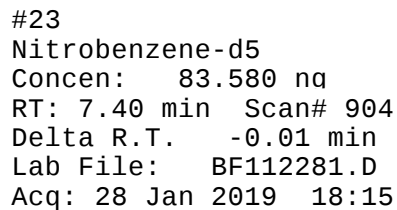
54 6.2 5.9 8.9

68 4.9 5.1 7.7#



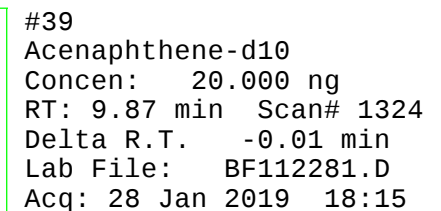
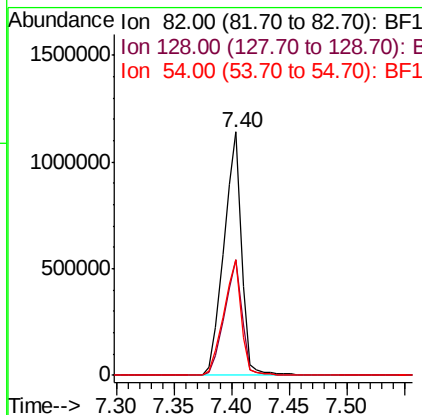
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



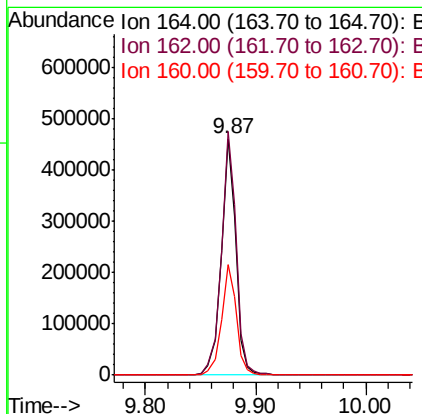


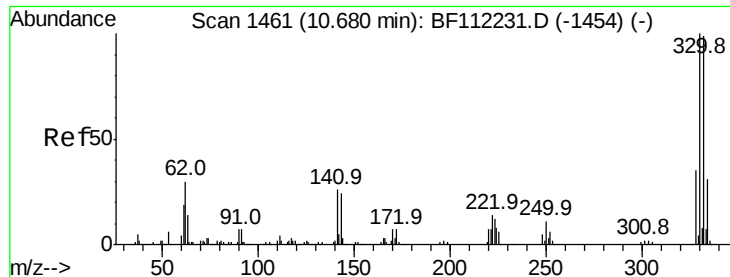
Instrument :
BNA_F
ClientSampleId :
SOIL-2

Tot	Ion: 82	Resp: 1214641	
Ion	Ratio	Lower	Upper
82	100		
128	47.3	37.8	56.8
54	47.7	39.7	59.5



Tgt	Ion:164	Resp:	427101
Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.2	123.4
160	46.9	36.2	54.4

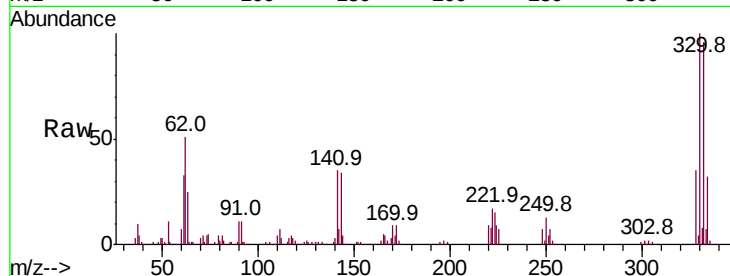




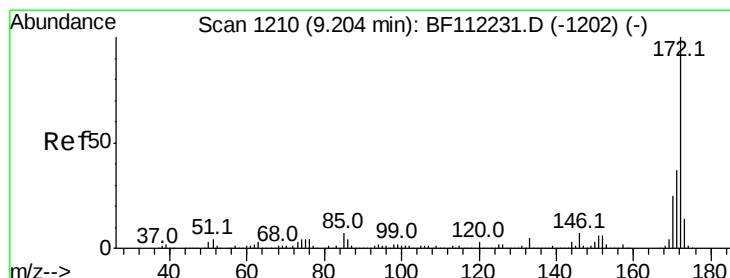
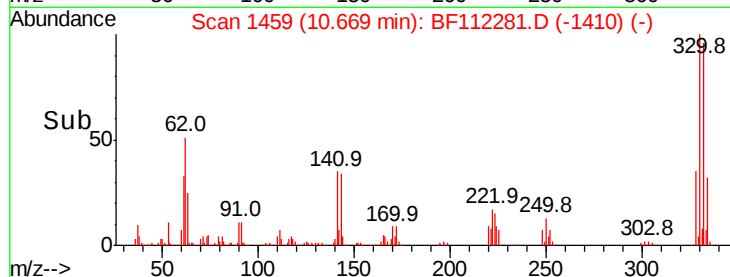
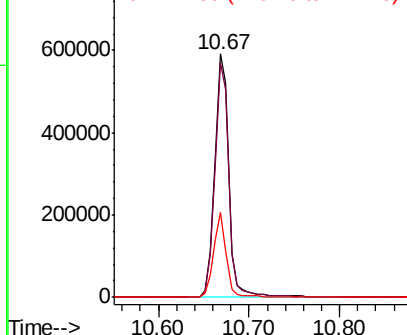
#42
 2,4,6-Tribromophenol
 Concen: 128.720 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.01 min
 Lab File: BF112281.D
 Acq: 28 Jan 2019 18:15

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	32.1	24.3	36.5

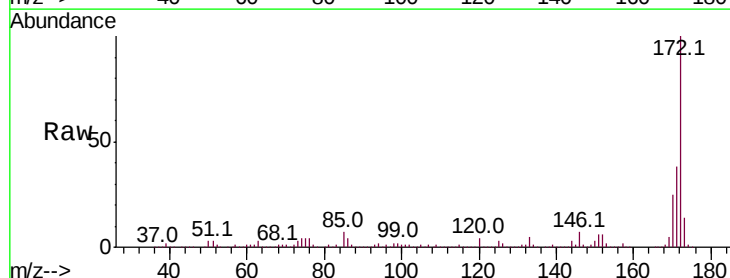


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

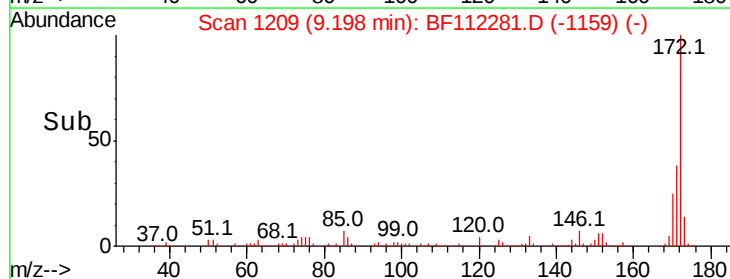
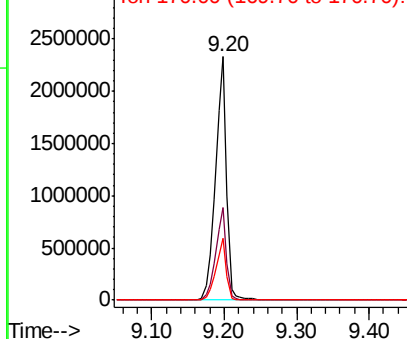


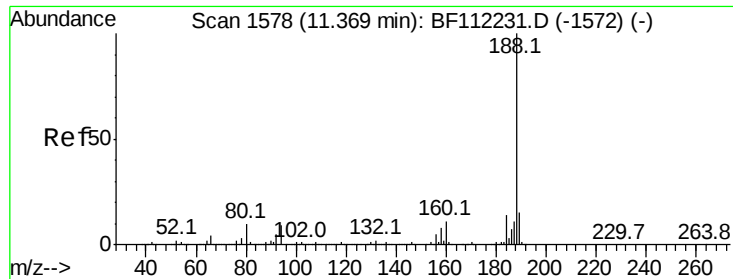
#45
 2-Fluorobiphenyl
 Concen: 81.327 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF112281.D
 Acq: 28 Jan 2019 18:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.5	45.7
170	25.4	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

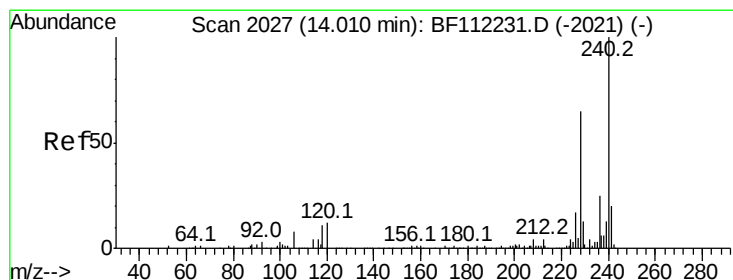
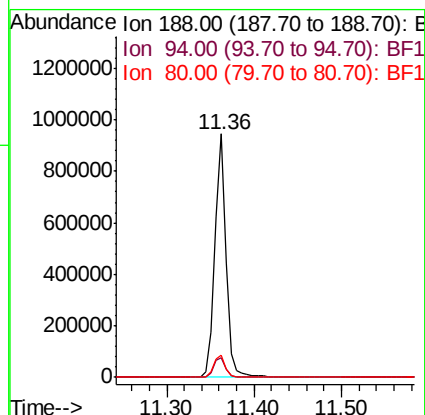
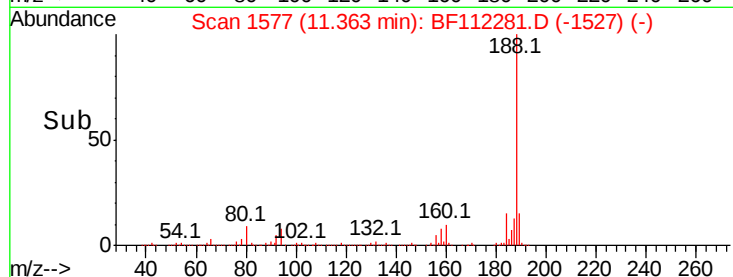
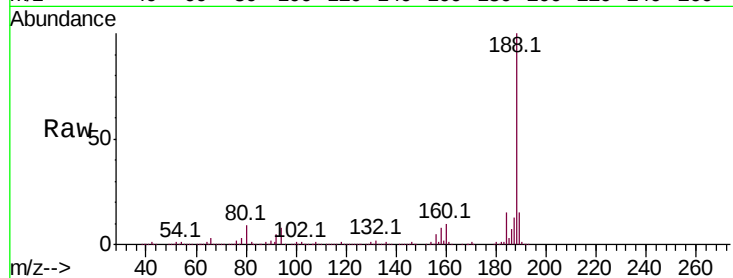




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112281.D
Acq: 28 Jan 2019 18:15

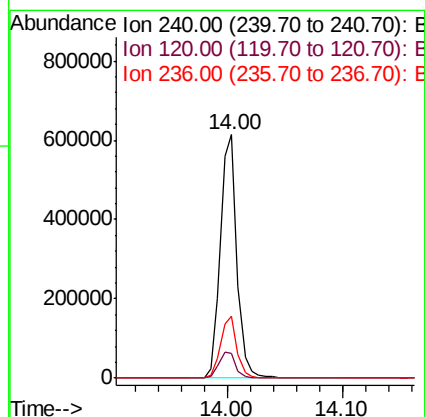
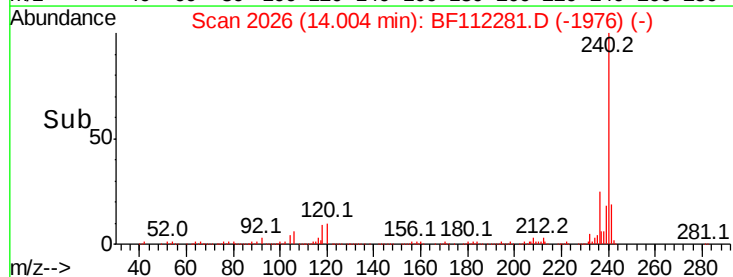
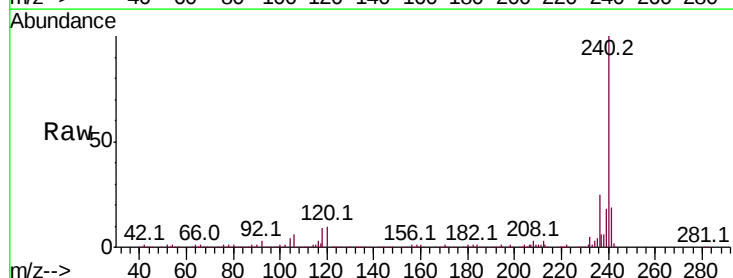
Instrument :
BNA_F
ClientSampleId :
SOIL-2

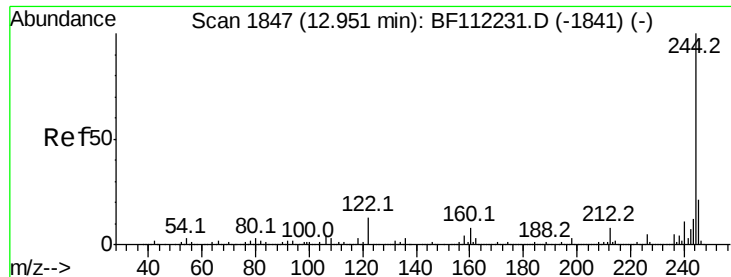
Tot Ion:188 Resp: 848073
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 9.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112281.D
Acq: 28 Jan 2019 18:15

Tgt Ion:240 Resp: 611175
Ion Ratio Lower Upper
240 100
120 10.0 9.0 13.6
236 25.4 20.7 31.1





#79

Terphenyl-d14

Concen: 81.267 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.00 min

Lab File: BF112281.D

Acq: 28 Jan 2019 18:15

Instrument :

BNA_F

ClientSampleId :

SOIL-2

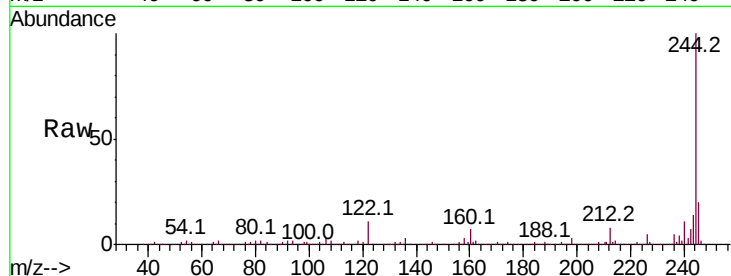
Tot Ion:244 Resp: 2637100

Ion Ratio Lower Upper

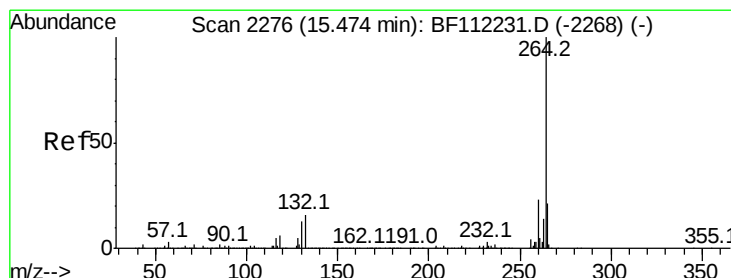
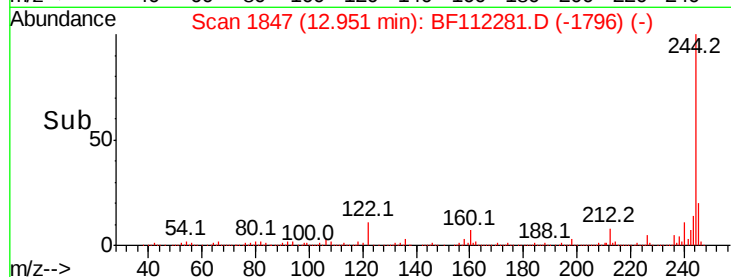
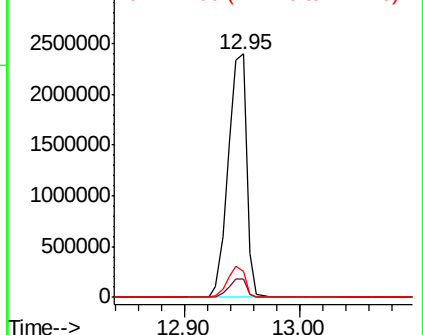
244 100

212 7.6 5.9 8.9

122 10.9 9.8 14.6



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF112281.D

Acq: 28 Jan 2019 18:15

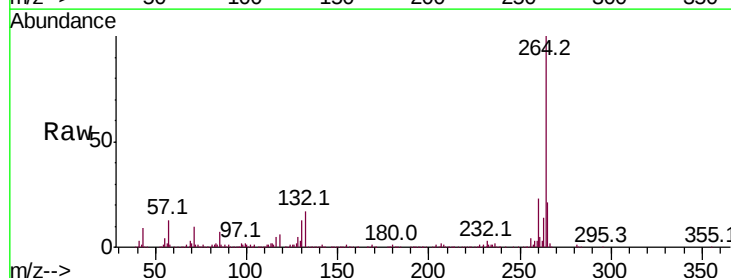
Tgt Ion:264 Resp: 464433

Ion Ratio Lower Upper

264 100

260 22.7 18.2 27.2

265 21.1 17.0 25.4



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

