

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121119\
 Data File : BP001309.D
 Acq On : 11 Dec 2019 11:22
 Operator : JU
 Sample : K6188-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-COMP-2

Quant Time: Dec 12 07:27:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	65148	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	231309	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	134642	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	261986	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	199588	20.00	ng	-0.02
87) Perylene-d12	21.01	264	210806	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	504939	128.59	ng	0.02
7) Phenol-d6	7.76	99	597505	114.22	ng	0.00
23) Nitrobenzene-d5	9.19	82	556203	104.33	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	216881	168.05	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	962935	104.67	ng	-0.01
79) Terphenyl-d14	17.89	244	1256279	116.45	ng	0.00

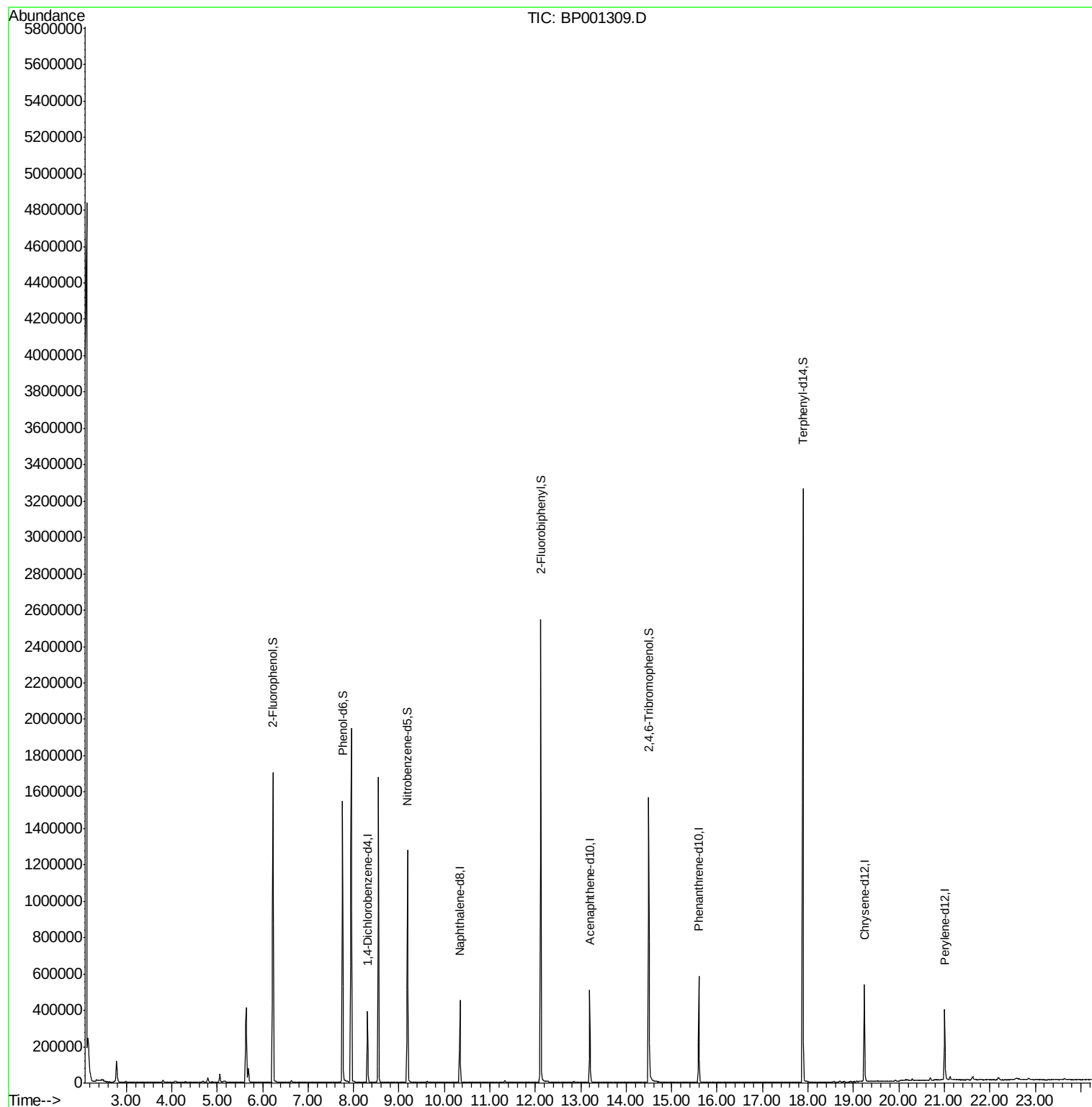
Target Compounds Qvalue

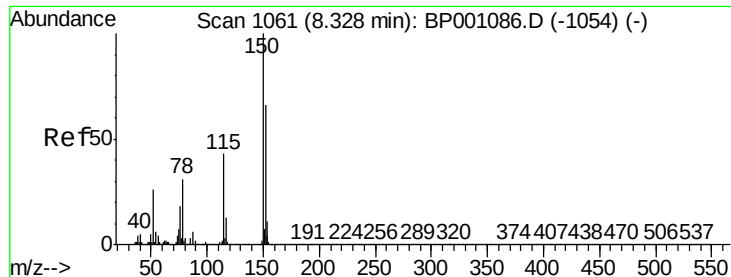
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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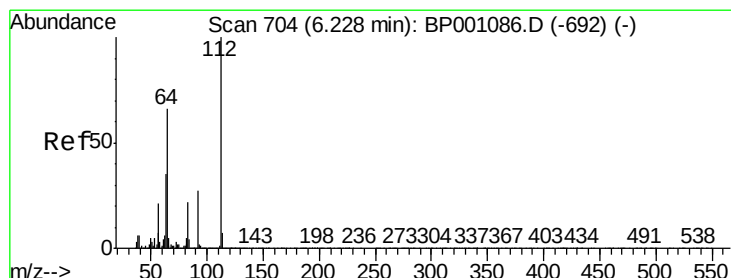
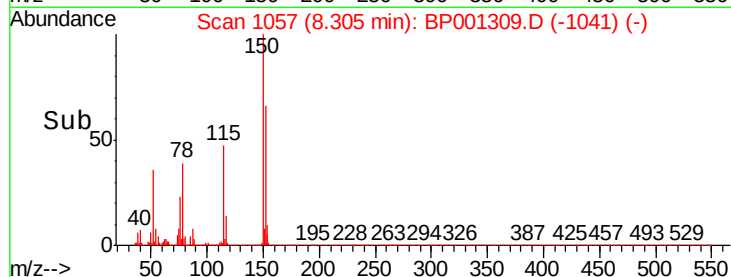
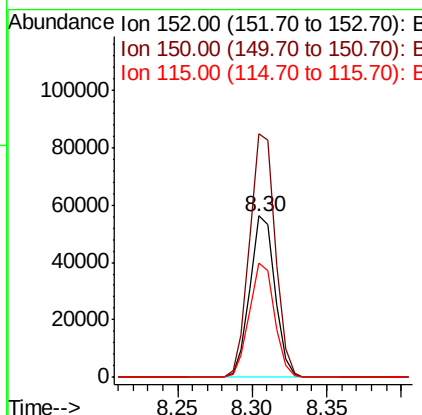
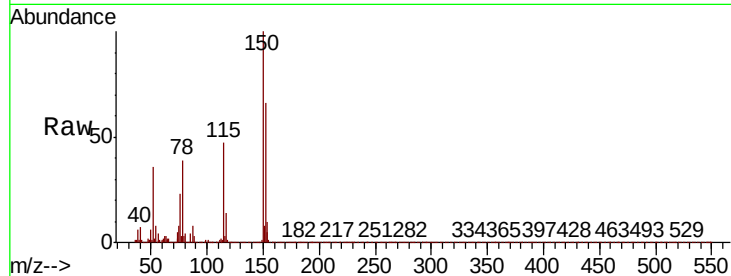




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001309.D
 Acq: 11 Dec 2019 11:22

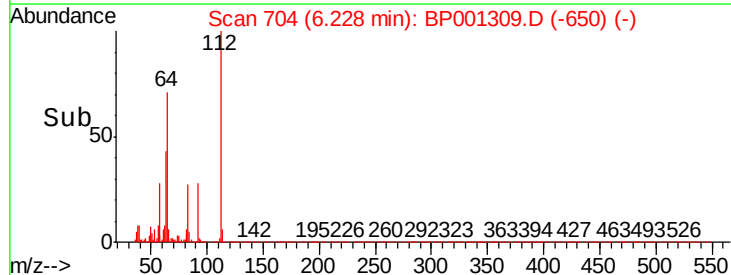
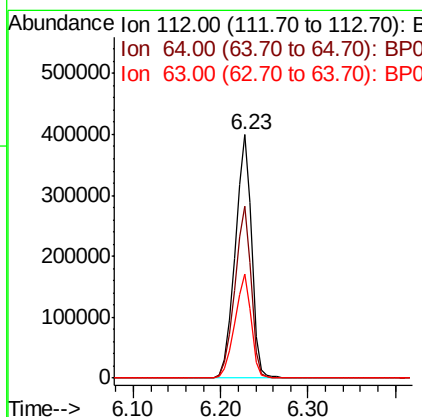
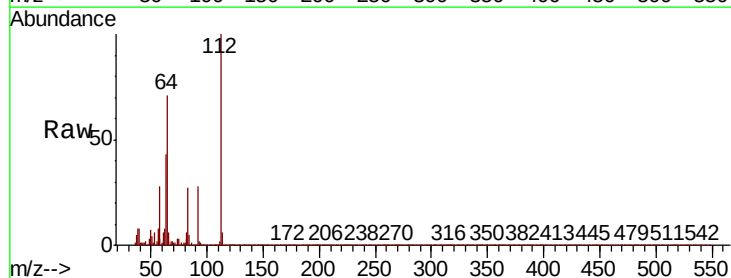
Instrument :
 BNA_P
 ClientSampleId :
 SOIL-COMP-2

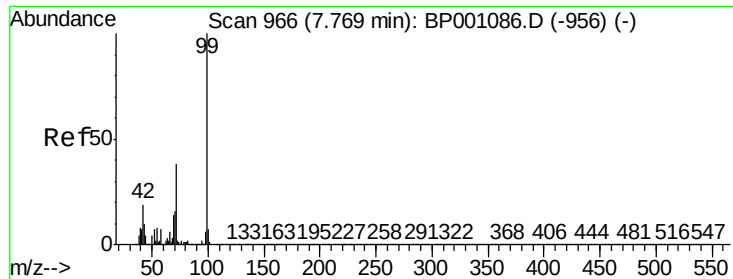
Tot Ion:152 Resp: 65148
 Ion Ratio Lower Upper
 152 100
 150 151.0 127.3 190.9
 115 71.2 56.0 84.0



#5
 2-Fluorophenol
 Concen: 128.590 ng
 RT: 6.23 min Scan# 704
 Delta R.T. 0.02 min
 Lab File: BP001309.D
 Acq: 11 Dec 2019 11:22

Tgt Ion:112 Resp: 504939
 Ion Ratio Lower Upper
 112 100
 64 70.6 56.8 85.2
 63 42.8 32.2 48.2





#7

Phenol-d6

Concen: 114.215 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001309.D

Acq: 11 Dec 2019 11:22

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-2

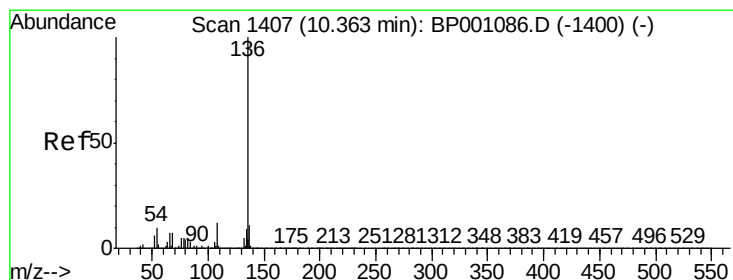
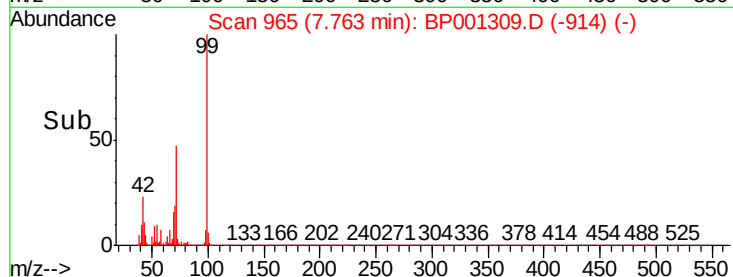
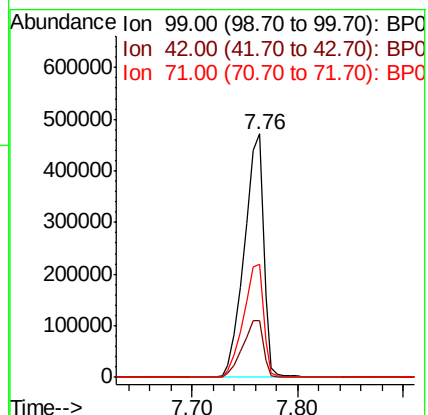
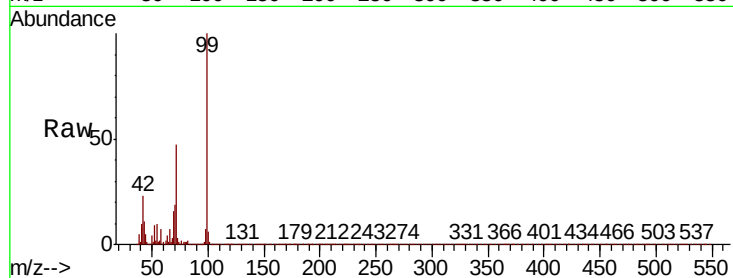
Tot Ion: 99 Resp: 597505

Ion Ratio Lower Upper

99 100

42 23.5 17.6 26.4

71 46.6 33.8 50.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001309.D

Acq: 11 Dec 2019 11:22

Tgt Ion: 136 Resp: 231309

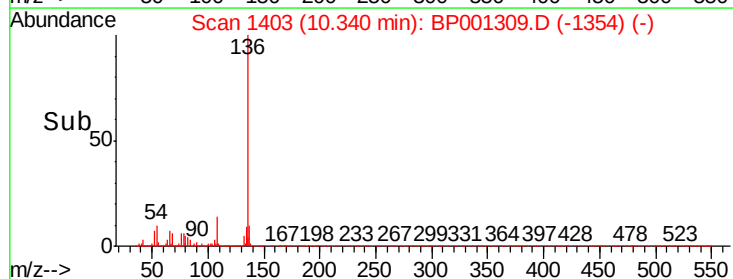
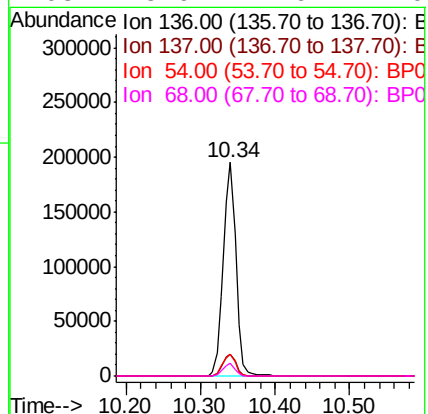
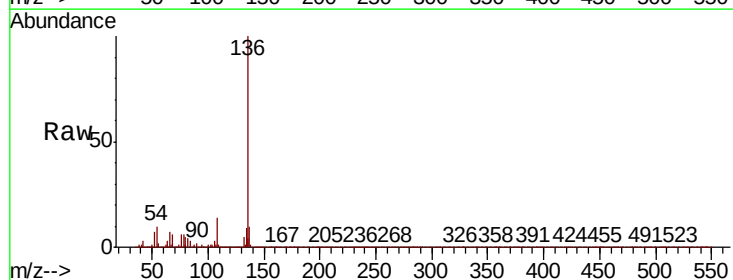
Ion Ratio Lower Upper

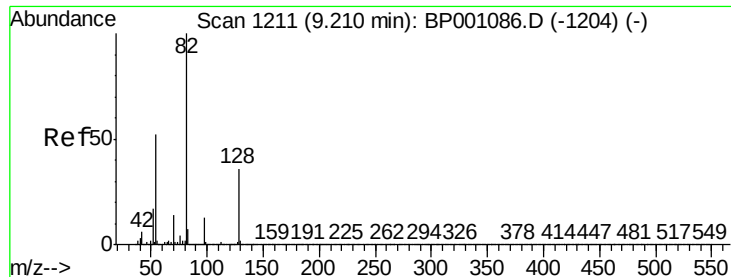
136 100

137 10.3 8.4 12.6

54 10.4 7.4 11.0

68 5.9 4.6 7.0

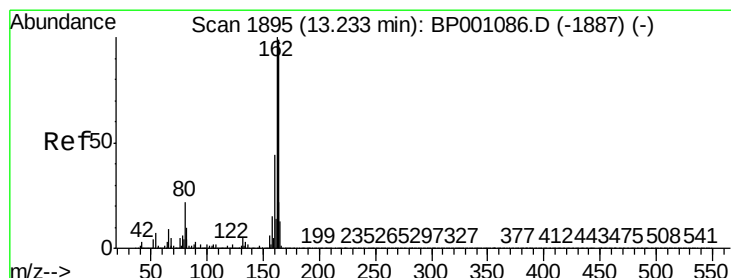
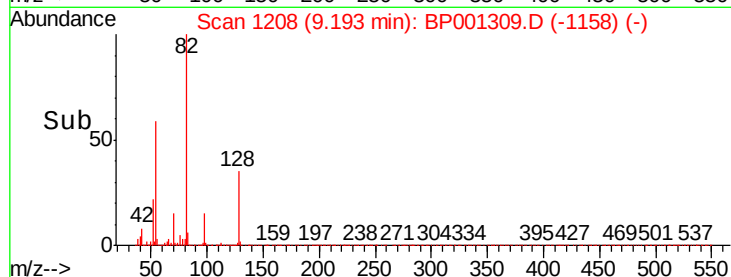
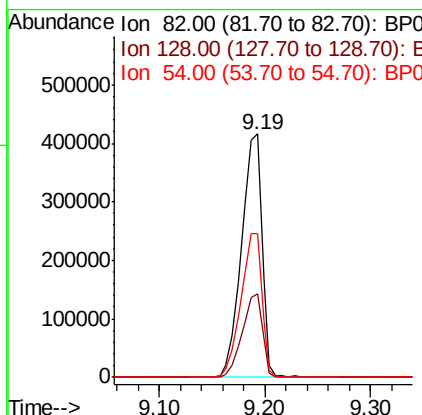
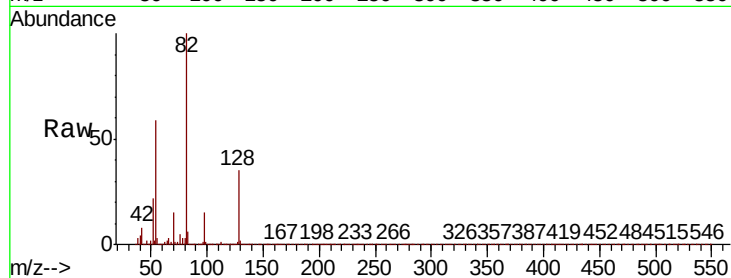




#23
 Nitrobenzene-d5
 Concen: 104.325 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BP001309.D
 Acq: 11 Dec 2019 11:22

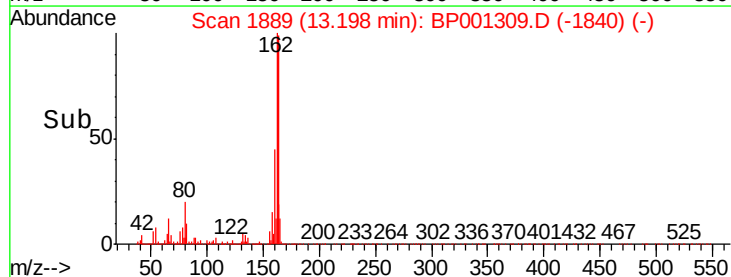
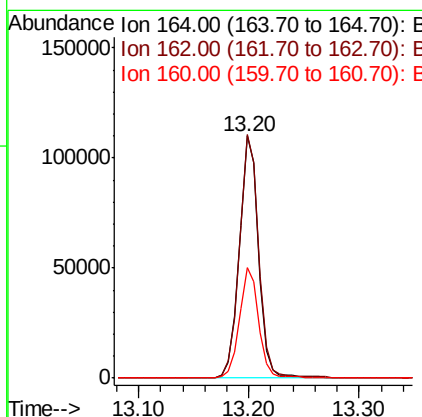
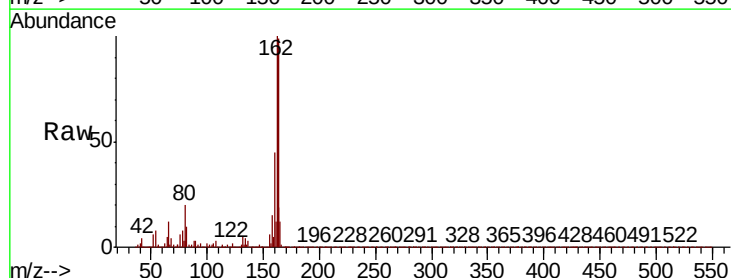
Instrument :
 BNA_P
 ClientSampleId :
 SOIL-COMP-2

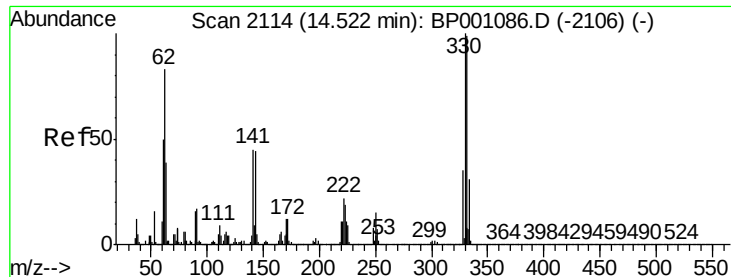
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.5	27.5	41.3
54	58.9	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: BP001309.D
 Acq: 11 Dec 2019 11:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.7	121.1
160	45.5	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 168.054 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BP001309.D

Acq: 11 Dec 2019 11:22

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-2

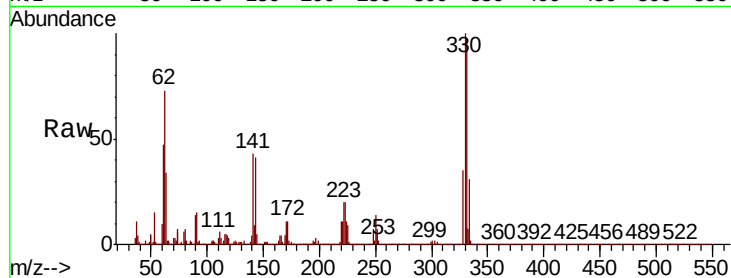
Tot Ion:330 Resp: 216881

Ion Ratio Lower Upper

330 100

332 94.2 79.1 118.7

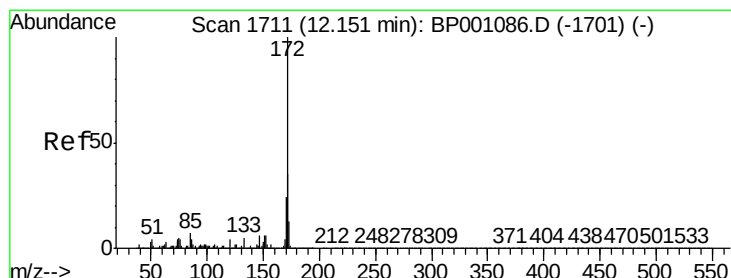
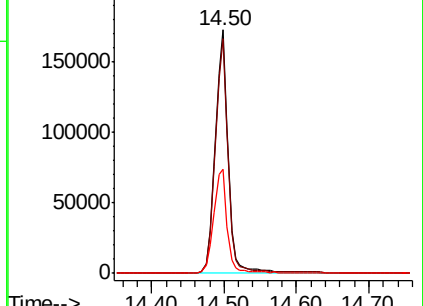
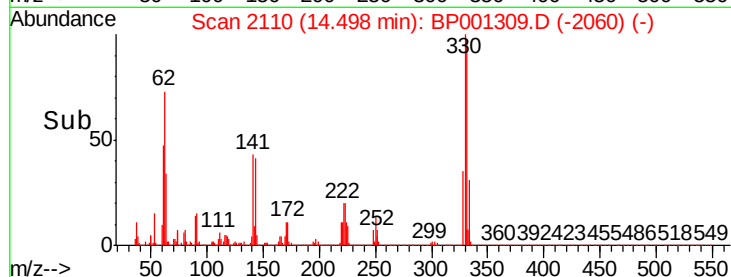
141 44.3 35.9 53.9



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: 104.672 ng

RT: 12.12 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BP001309.D

Acq: 11 Dec 2019 11:22

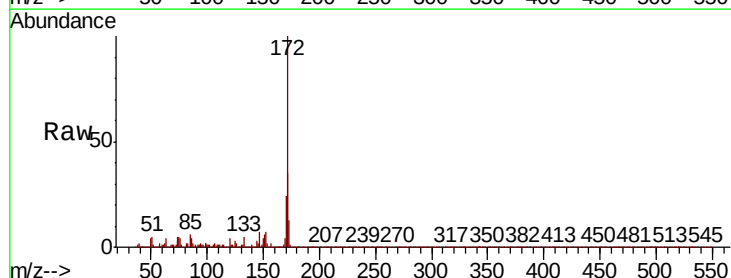
Tgt Ion:172 Resp: 962935

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

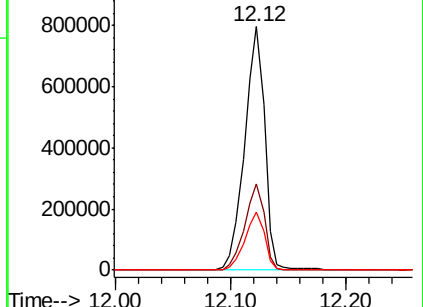
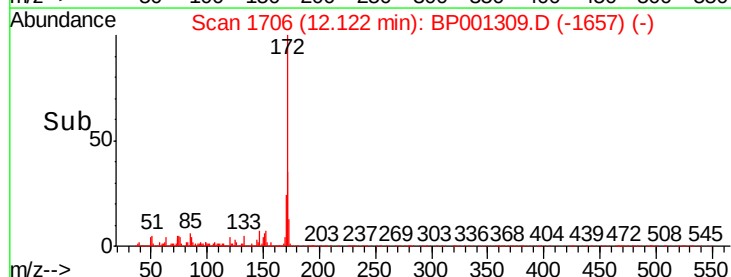
170 23.6 19.2 28.8

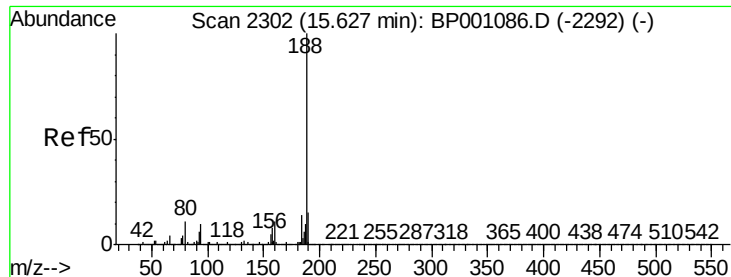


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

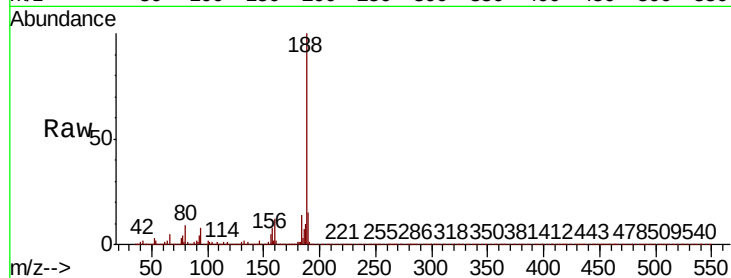




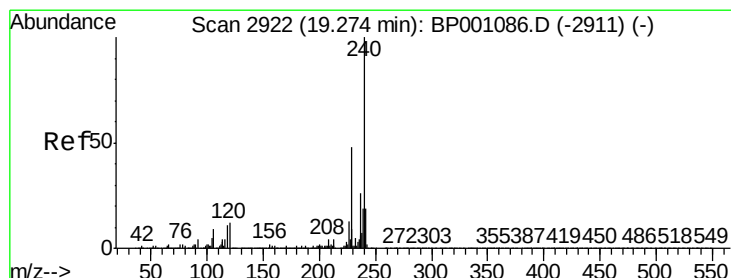
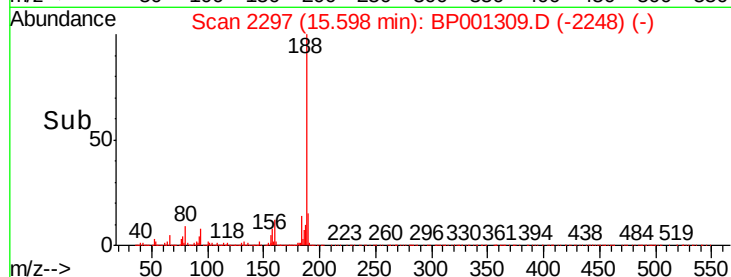
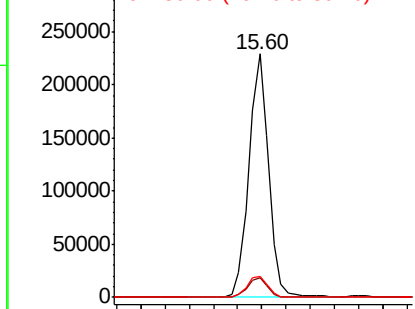
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001309.D
Acq: 11 Dec 2019 11:22

Instrument :
BNA_P
ClientSampleId :
SOIL-COMP-2

Tot Ion:188 Resp: 261986
Ion Ratio Lower Upper
188 100
94 8.3 7.1 10.7
80 8.7 7.8 11.6

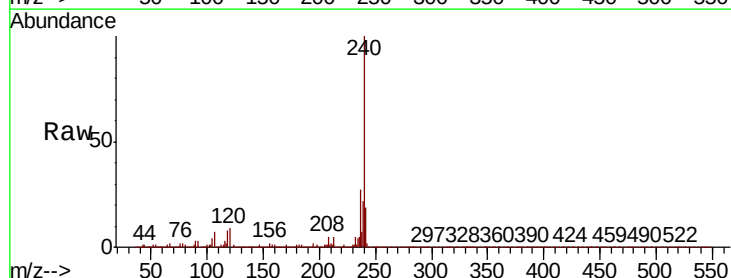


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

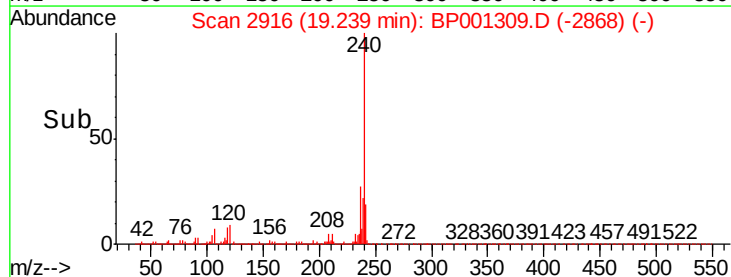
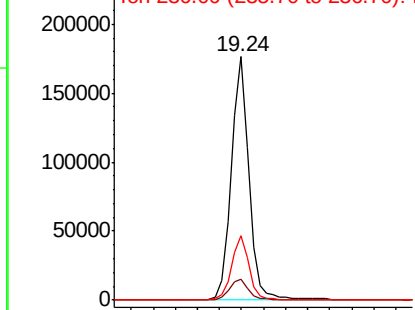


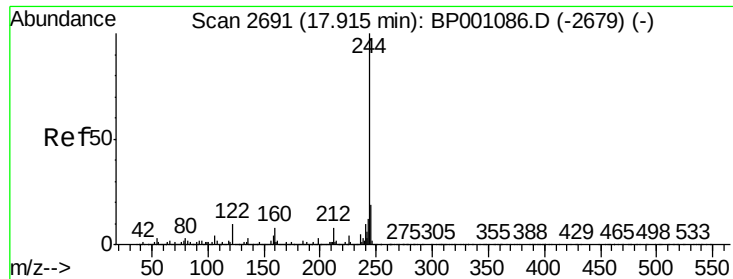
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001309.D
Acq: 11 Dec 2019 11:22

Tgt Ion:240 Resp: 199588
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.7 21.7 32.5



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: 116.452 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001309.D

Acq: 11 Dec 2019 11:22

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-2

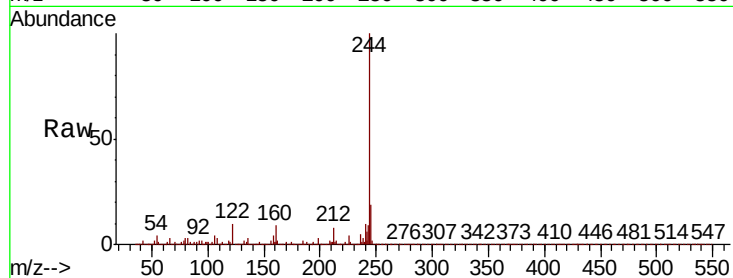
Tot Ion:244 Resp: 1256279

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

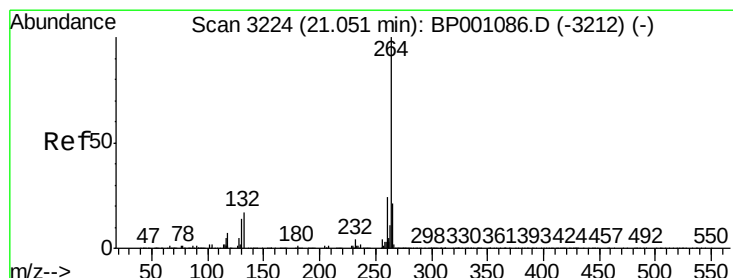
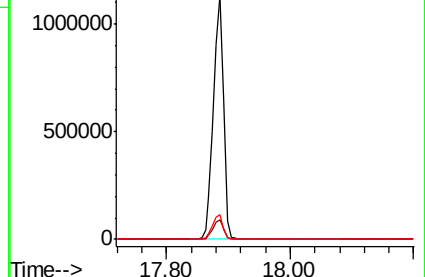
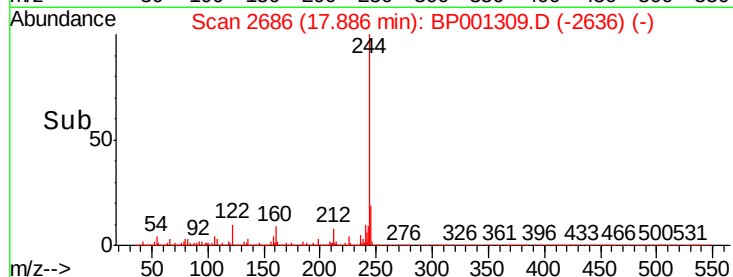
122 10.2 9.2 13.8



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: 21.01 min Scan# 3217

Delta R.T. -0.02 min

Lab File: BP001309.D

Acq: 11 Dec 2019 11:22

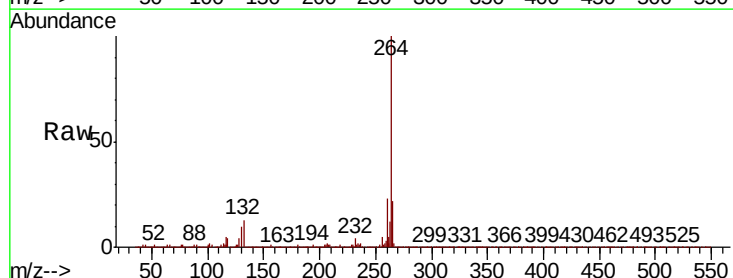
Tgt Ion:264 Resp: 210806

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.0

265 21.8 17.1 25.7



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

