

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 06:39:03 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

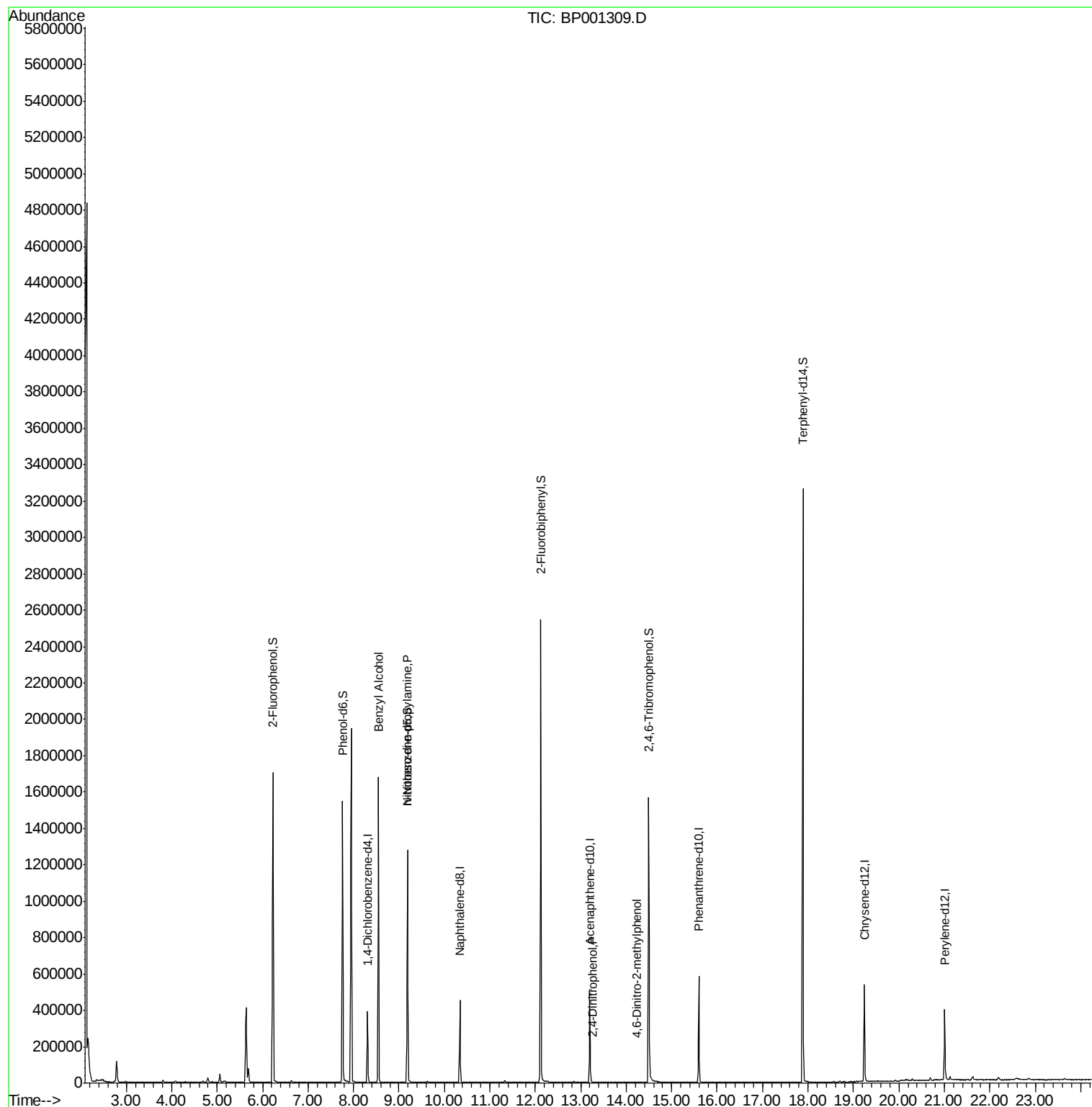
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	65148	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	231309	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	134642	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	261986	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	199588	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						
9) Benzaldehyde	7.61	77	108	Below Cal		Qvalue # 65
15) Benzyl Alcohol	8.55	79	11441	2.664 ng	#	54
19) n-Nitroso-di-n-propylamine	9.19	70	84119	22.284 ng	#	78
54) 2,4-Dinitrophenol	13.27	184	11	7.120 ng		89
65) 4,6-Dinitro-2-methylphenol	14.25	198	20	6.292 ng	#	69

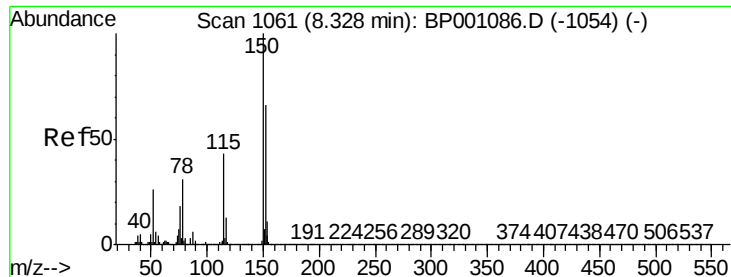
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BP001309.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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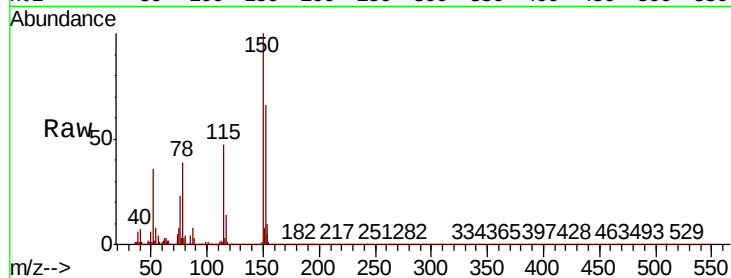




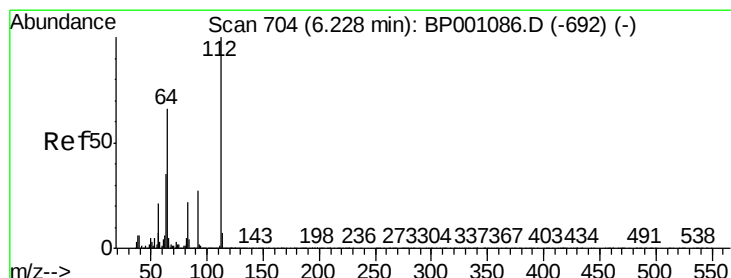
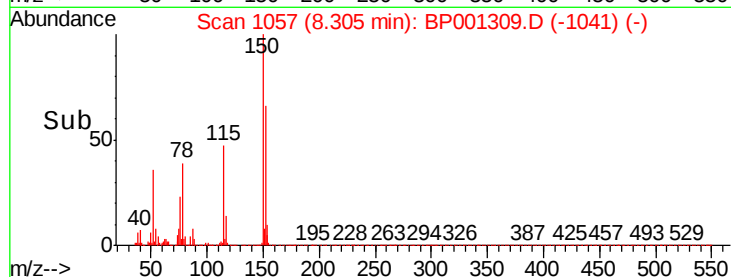
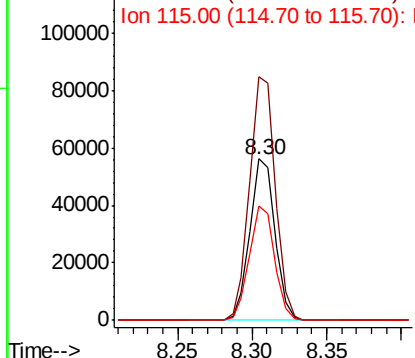
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001309.D
 Acq: 11 Dec 2019 11:22

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

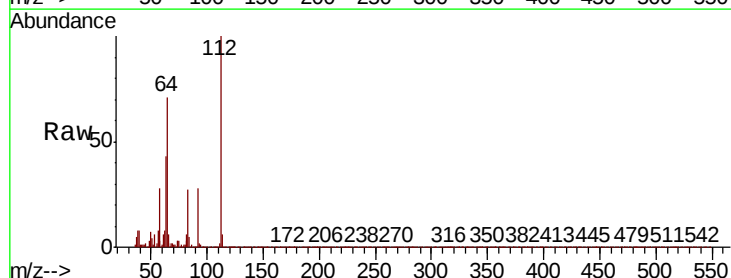


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

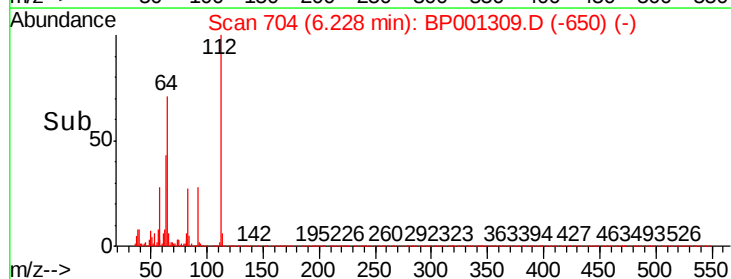
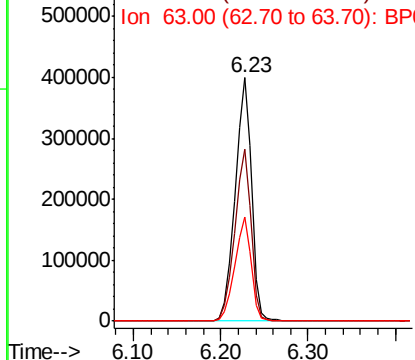


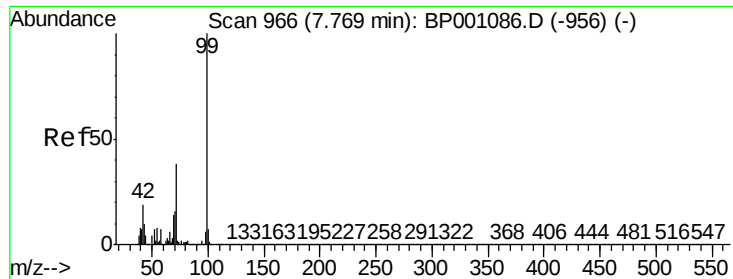
#5
 2-Fluorophenol
 Concen: 128.590 ng
 RT: 6.23 min Scan# 704
 Delta R.T. 0.02 min
 Lab File: BP001309.D
 Acq: 11 Dec 2019 11:22

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



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BP0
 Ion 63.00 (62.70 to 63.70): BP0





#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

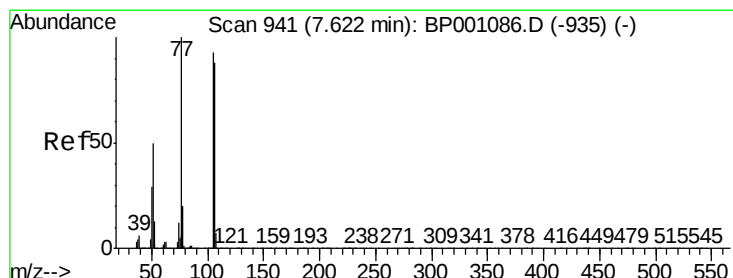
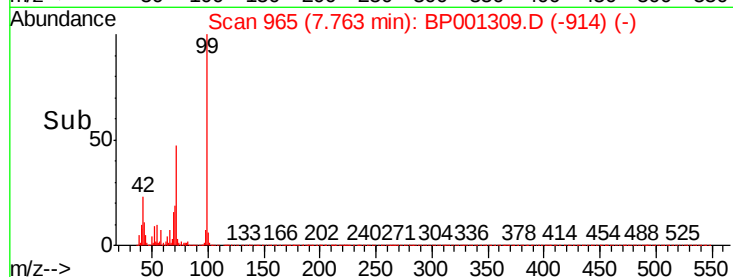
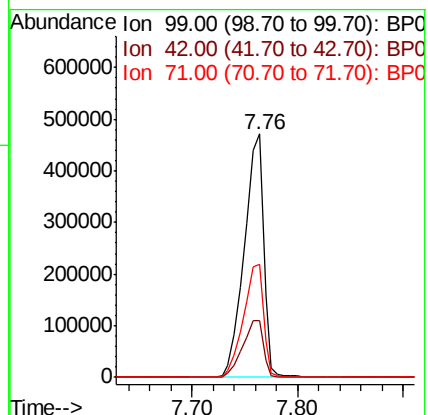
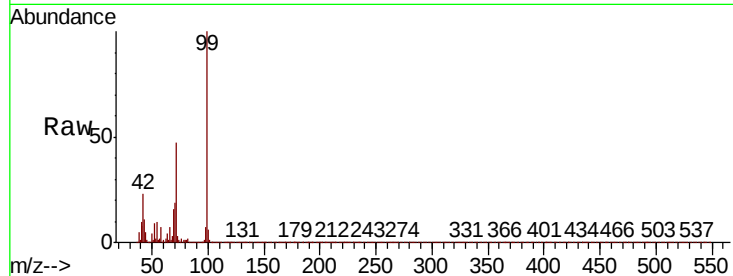
Tot Ion: 99 Resp: 597505

Ion Ratio Lower Upper

99 100

42 23.5 17.6 26.4

71 46.6 33.8 50.8



#9

Benzaldehyde

Concen: Below Cal

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP001309.D

Acq: 11 Dec 2019 11:22

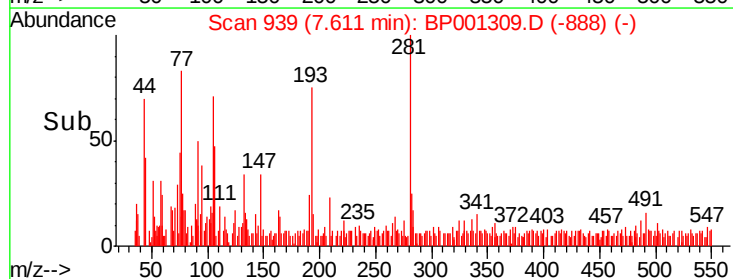
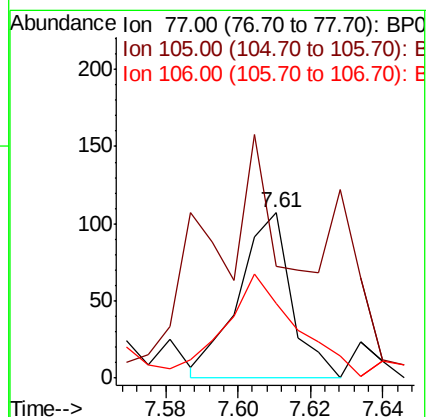
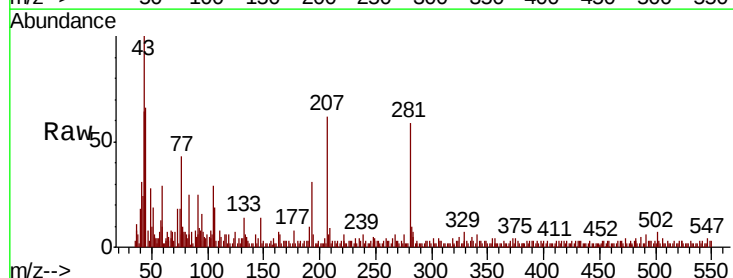
Tgt Ion: 77 Resp: 108

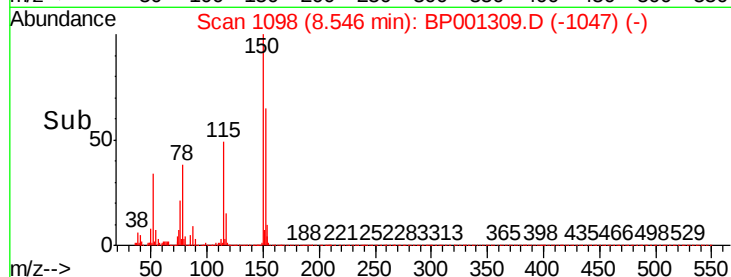
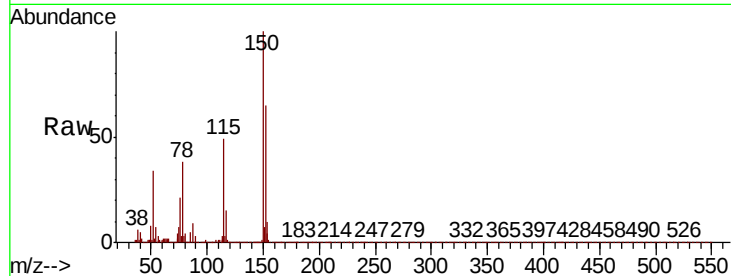
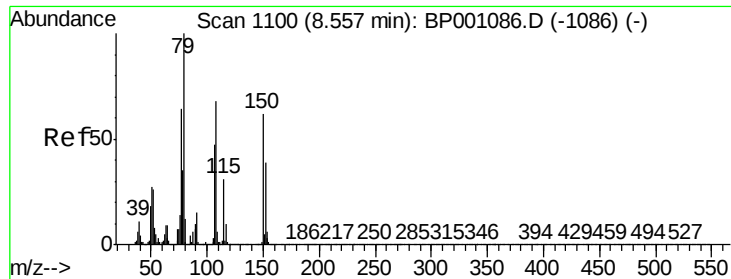
Ion Ratio Lower Upper

77 100

105 67.3 69.7 109.7#

106 44.9 67.1 107.1#





#15

Benzyl Alcohol

Concen: 2.664 ng

RT: 8.55 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BP001309.D

Acq: 11 Dec 2019 11:22

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-2

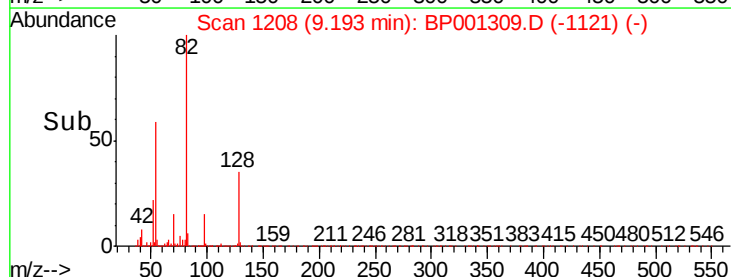
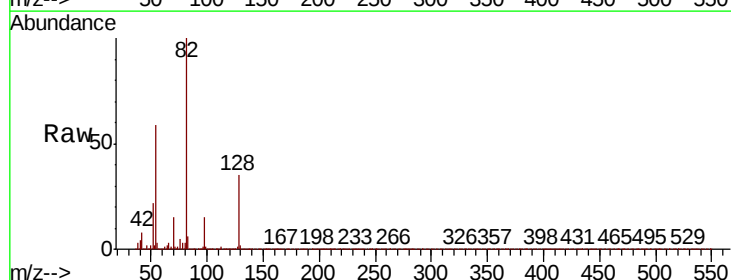
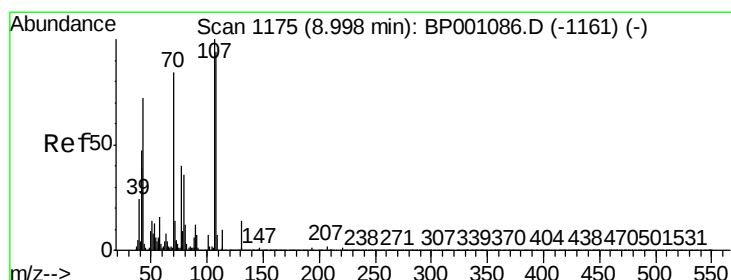
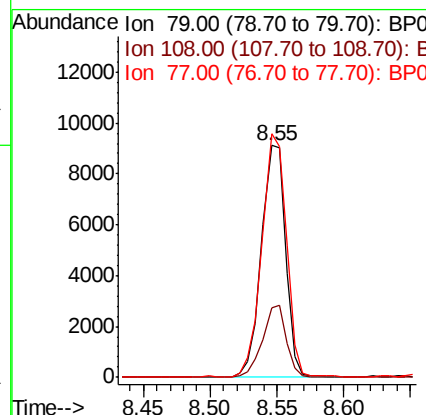
Tot Ion: 79 Resp: 11441

Ion Ratio Lower Upper

79 100

108 30.3 51.6 77.4#

77 105.2 53.5 80.3#



#19

n-Nitroso-di-n-propylamine

Concen: 22.284 ng

RT: 9.19 min Scan# 1208

Delta R.T. 0.21 min

Lab File: BP001309.D

Acq: 11 Dec 2019 11:22

Tgt Ion: 70 Resp: 84119

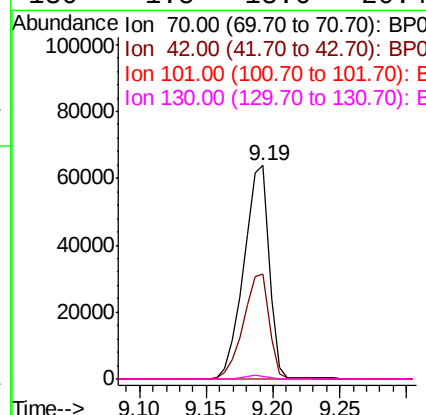
Ion Ratio Lower Upper

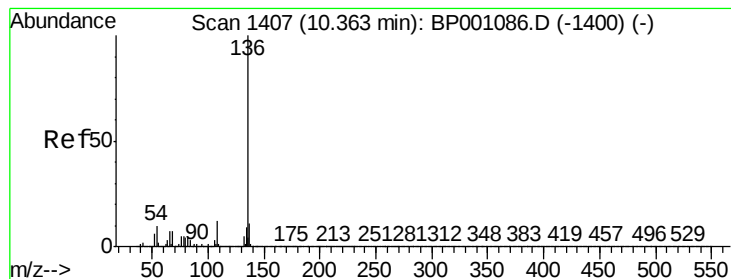
70 100

42 49.2 50.6 76.0#

101 0.0 7.1 10.7#

130 1.5 13.6 20.4#





#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

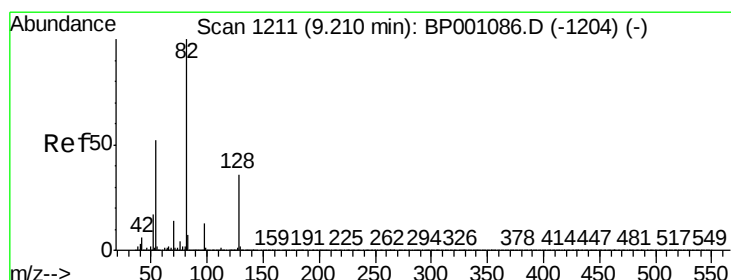
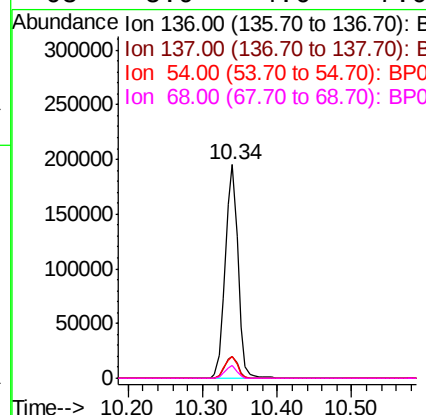
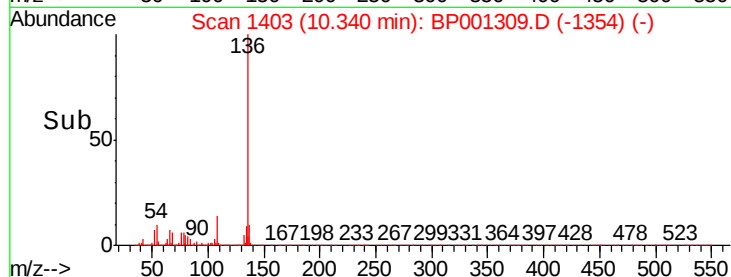
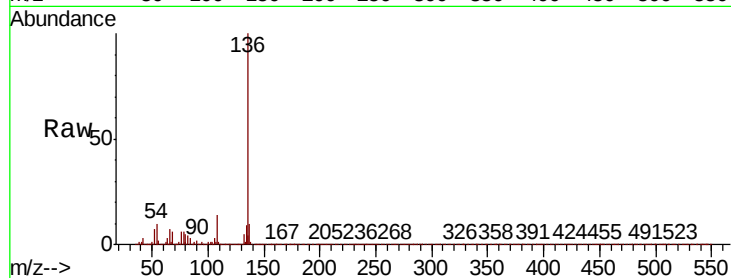
Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-2

Tot 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

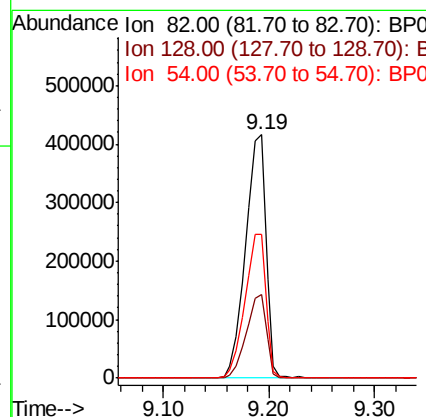
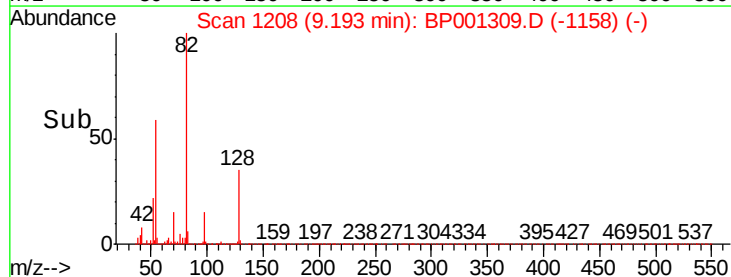
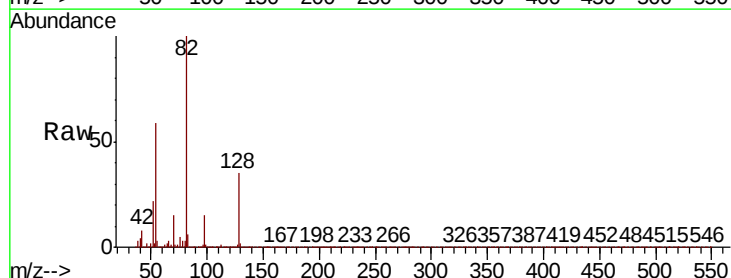
RT: 9.19 min Scan# 1208

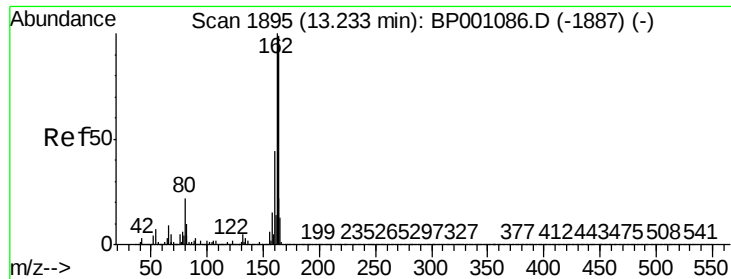
Delta R.T. -0.01 min

Lab File: BP001309.D

Acq: 11 Dec 2019 11:22

Tgt Ion:	82	Resp:	556203
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

Instrument :

BNA_P

ClientSampleId :

SOIL-COMP-2

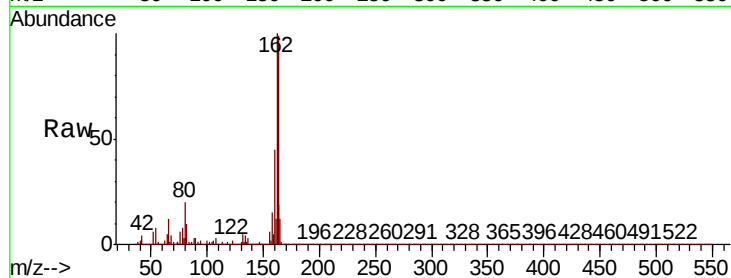
Tot Ion:164 Resp: 134642

Ion Ratio Lower Upper

164 100

162 100.7 80.7 121.1

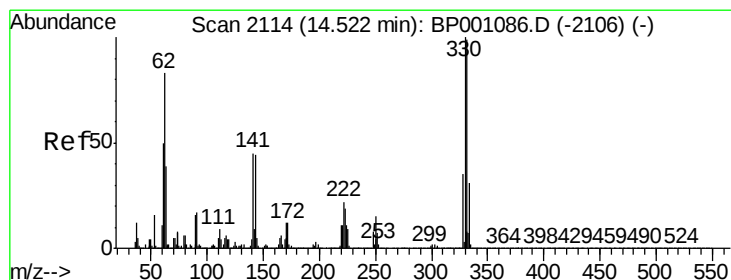
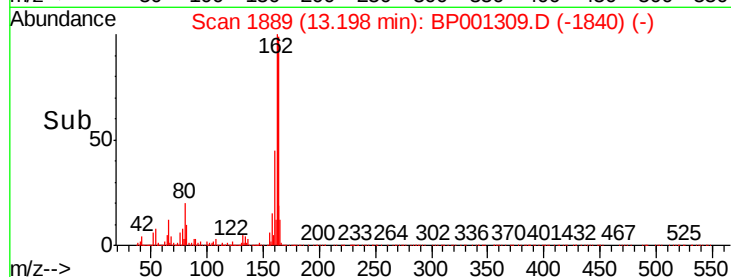
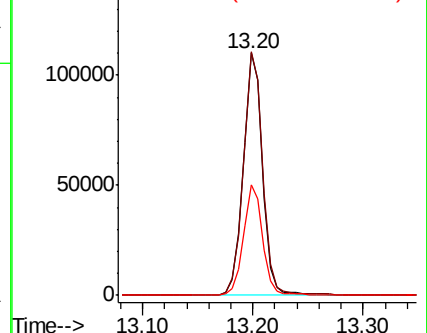
160 45.5 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

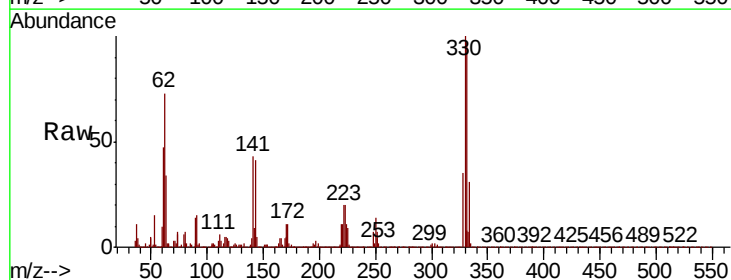
Tgt Ion:330 Resp: 216881

Ion Ratio Lower Upper

330 100

332 94.2 79.1 118.7

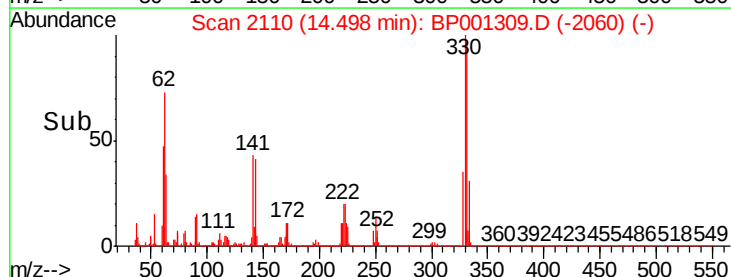
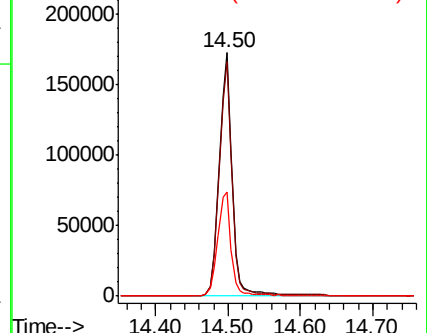
141 44.3 35.9 53.9

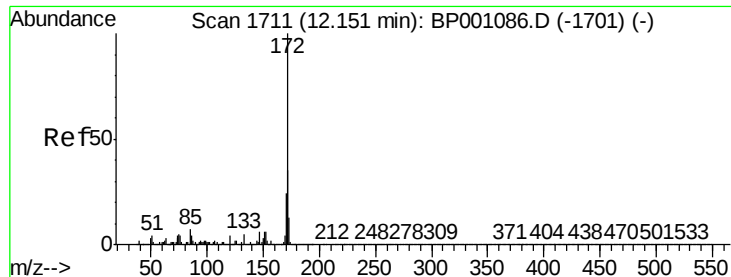


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

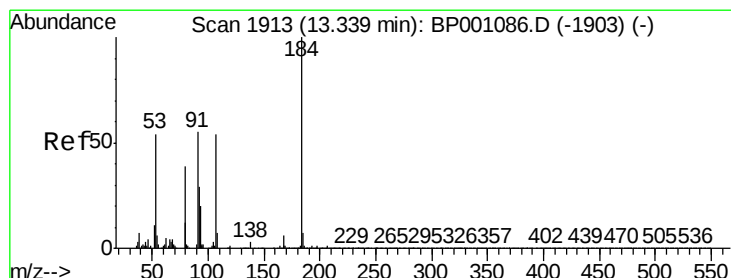
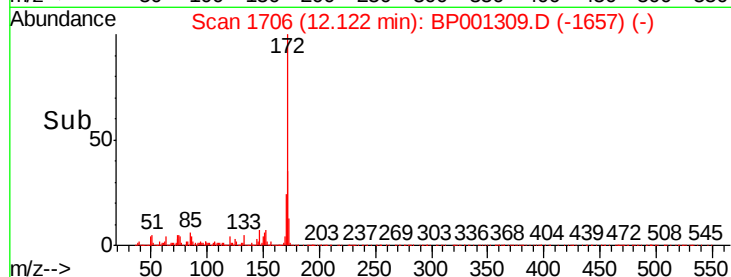
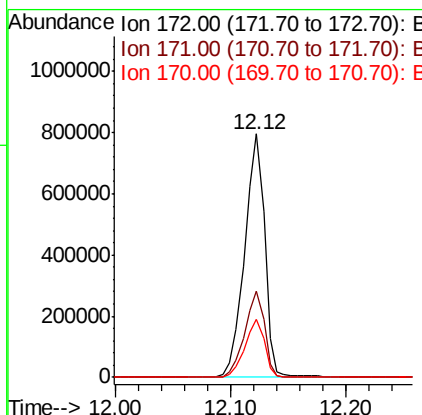
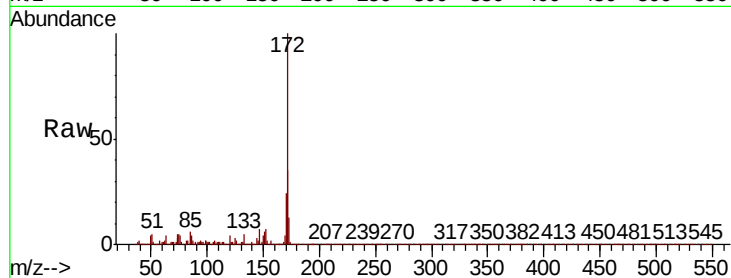




#45
2-Fluorobiphenyl
Concen: 104.672 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001309.D
Acq: 11 Dec 2019 11:22

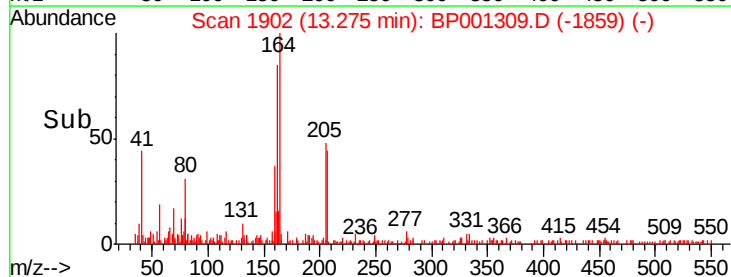
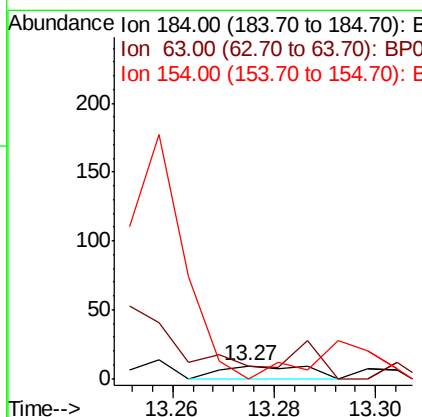
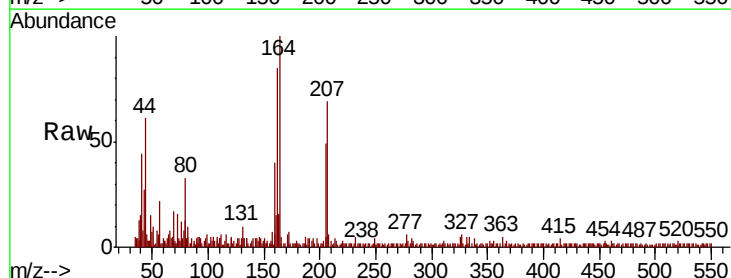
Instrument :
BNA_P
ClientSampleId :
SOIL-COMP-2

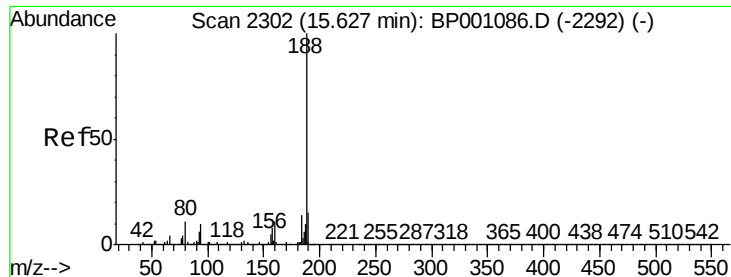
Tot Ion:172 Resp: 962935
Ion Ratio Lower Upper
172 100
171 35.2 28.7 43.1
170 23.6 19.2 28.8



#54
2,4-Dinitrophenol
Concen: 7.120 ng
RT: 13.27 min Scan# 1902
Delta R.T. -0.05 min
Lab File: BP001309.D
Acq: 11 Dec 2019 11:22

Tgt Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 100.0 69.4 104.0
154 66.7 57.4 86.2





#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

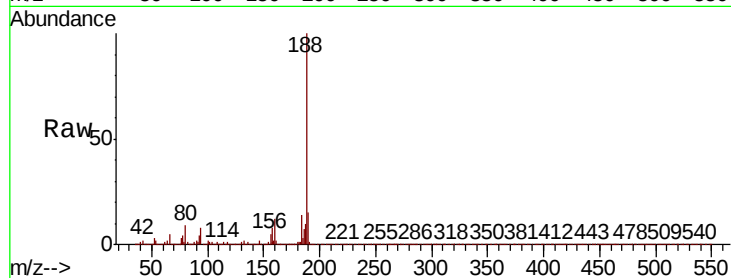
Tot Ion:188 Resp: 261986

Ion Ratio Lower Upper

188 100

94 8.3 7.1 10.7

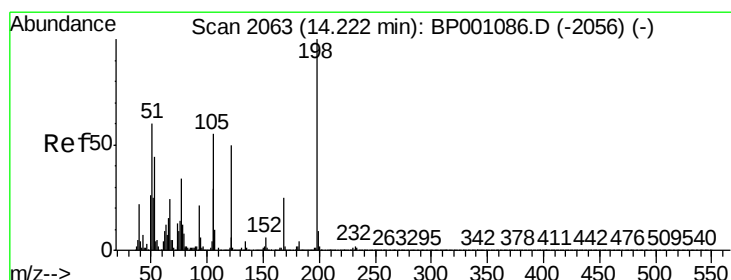
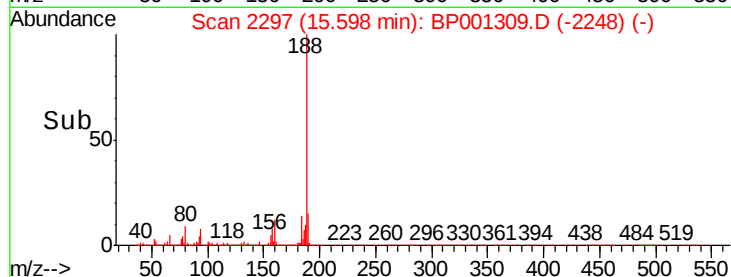
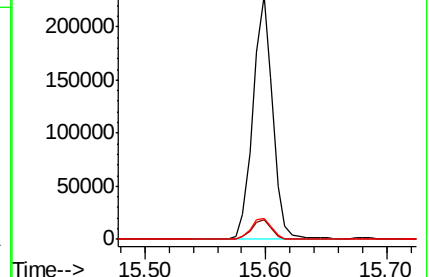
80 8.7 7.8 11.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 6.292 ng

RT: 14.25 min Scan# 2067

Delta R.T. 0.04 min

Lab File: BP001309.D

Acq: 11 Dec 2019 11:22

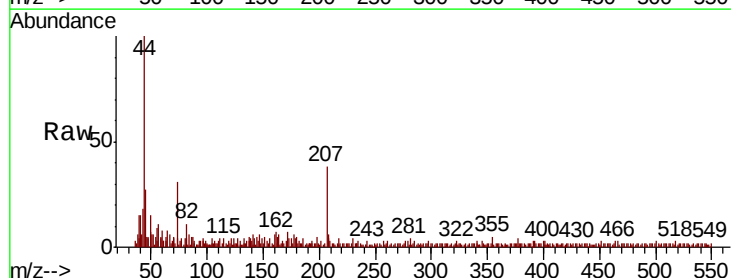
Tgt Ion:198 Resp: 20

Ion Ratio Lower Upper

198 100

51 87.5 36.2 76.2#

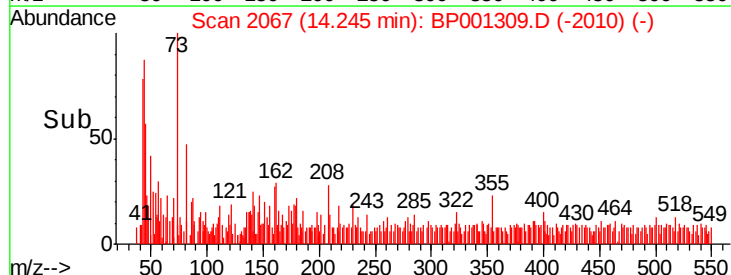
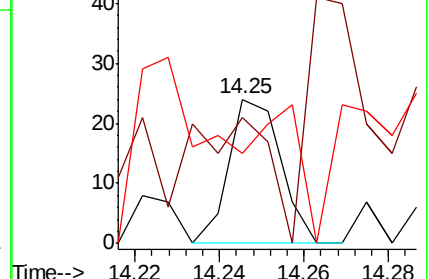
105 62.5 30.2 70.2

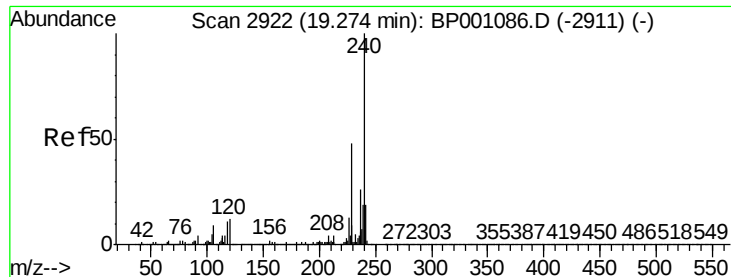


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

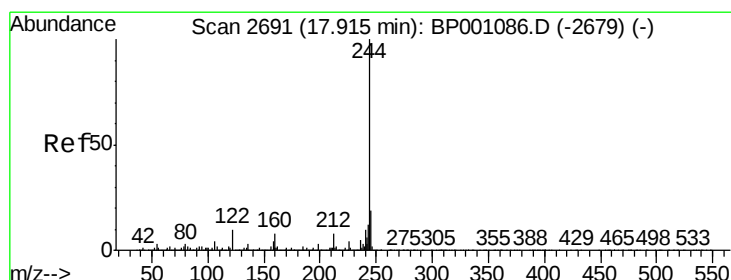
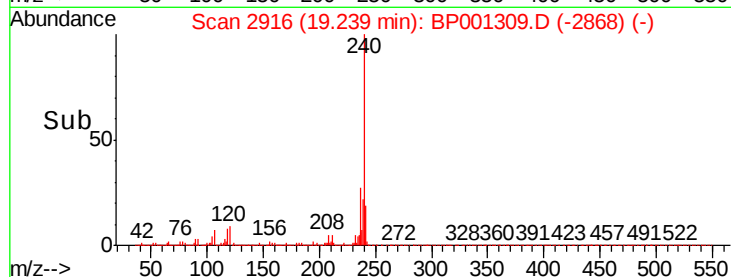
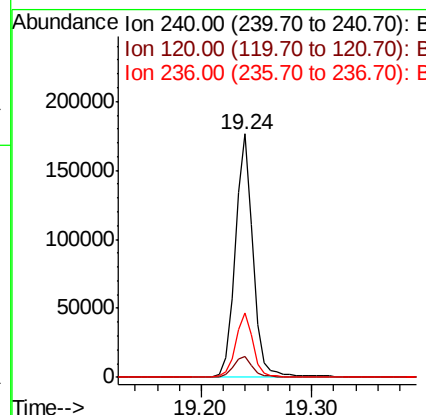
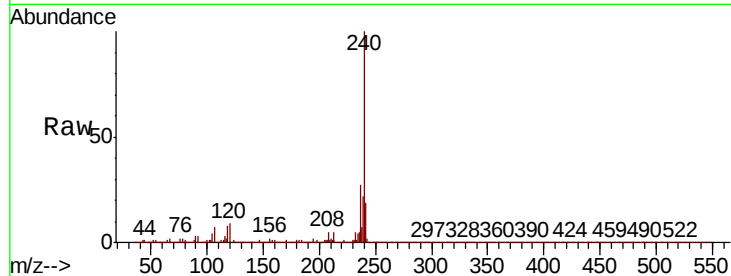




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2916
Delta R.T. -0.02 min
Lab File: BP001309.D
Acq: 11 Dec 2019 11:22

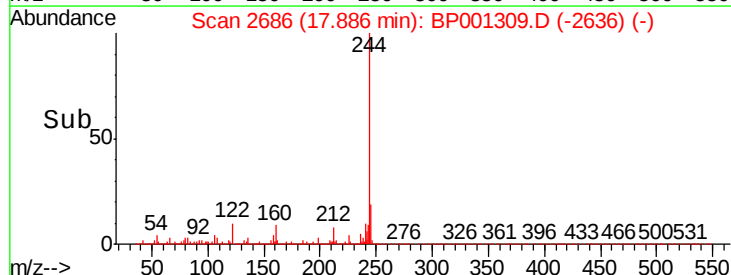
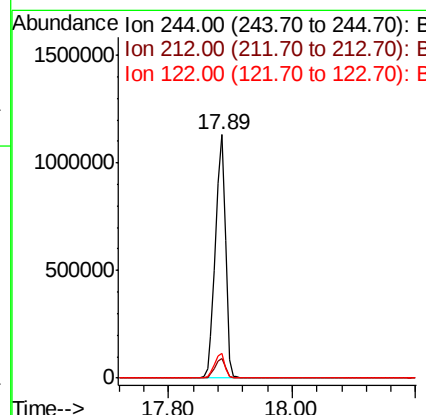
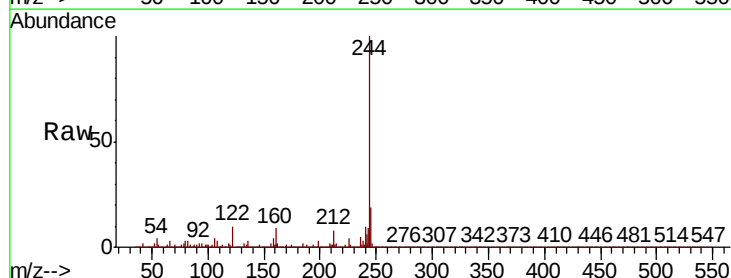
Instrument :
BNA_P
ClientSampleId :
SOIL-COMP-2

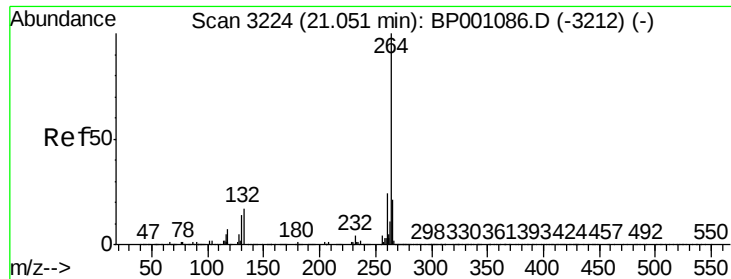
Tot Ion:240 Resp: 199588
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.7 21.7 32.5



#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

Tgt Ion:244 Resp: 1256279
Ion Ratio Lower Upper
244 100
212 8.1 6.6 9.8
122 10.2 9.2 13.8

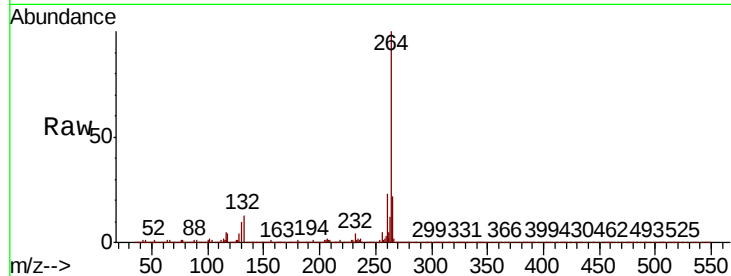




#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.01 min Scan# 3217
Delta R.T. -0.02 min
Lab File: BP001309.D
Acq: 11 Dec 2019 11:22

Instrument :
BNA_P
ClientSampleId :
SOIL-COMP-2

Tot 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

