

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001118.D
 Acq On : 28 Nov 2019 10:16
 Operator : JU
 Sample : K6025-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-CUTTINGS

Quant Time: Nov 29 03:28:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

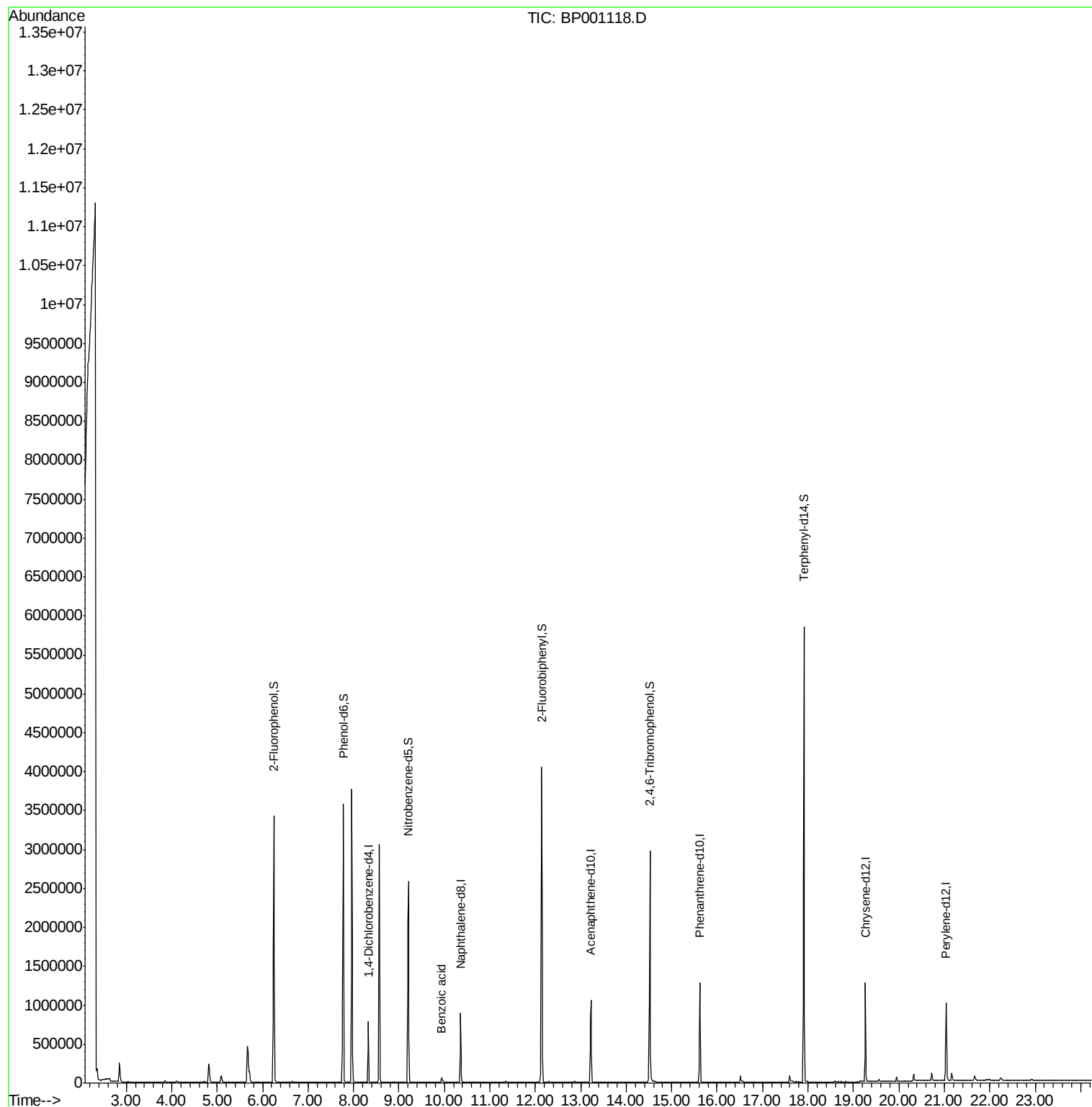
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	142388	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	536179	20.00	ng	0.00
39) Acenaphthene-d10	13.22	164	302440	20.00	ng	-0.01
64) Phenanthrene-d10	15.62	188	589633	20.00	ng	0.00
76) Chrysene-d12	19.26	240	465877	20.00	ng	-0.01
87) Perylene-d12	21.04	264	492022	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	1273225	148.35	ng	0.02
7) Phenol-d6	7.78	99	1695848	148.32	ng	0.01
23) Nitrobenzene-d5	9.20	82	1165760	94.33	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	432322	149.13	ng	0.00
45) 2-Fluorobiphenyl	12.14	172	1972730	95.46	ng	-0.01
79) Terphenyl-d14	17.91	244	2377054	94.40	ng	0.00
Target Compounds						
32) Benzoic acid	9.94	122	22471	4.359	ng	Qvalue 90

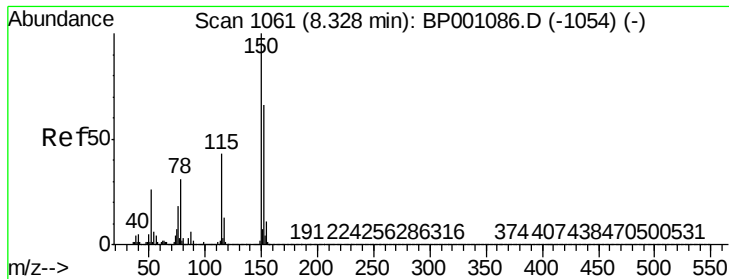
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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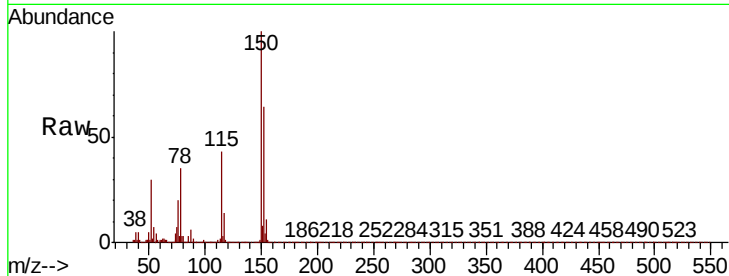




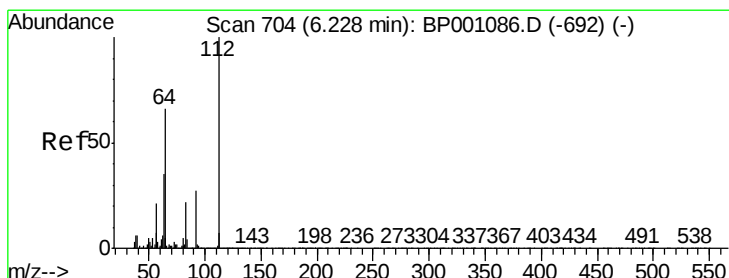
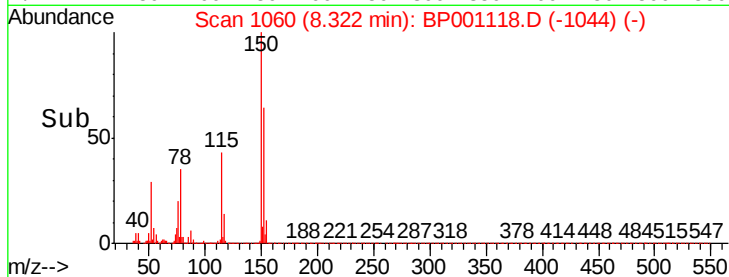
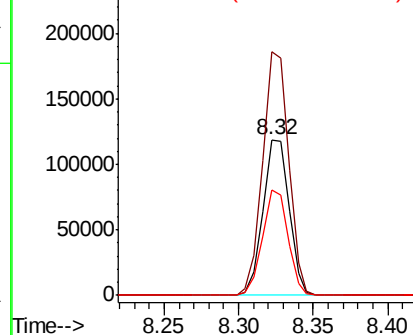
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BP001118.D
 Acq: 28 Nov 2019 10:16

Instrument :
 BNA_P
 ClientSampleId :
 SOIL-CUTTINGS

Tot Ion:152 Resp: 142388
 Ion Ratio Lower Upper
 152 100
 150 156.2 120.6 181.0
 115 67.8 51.6 77.4

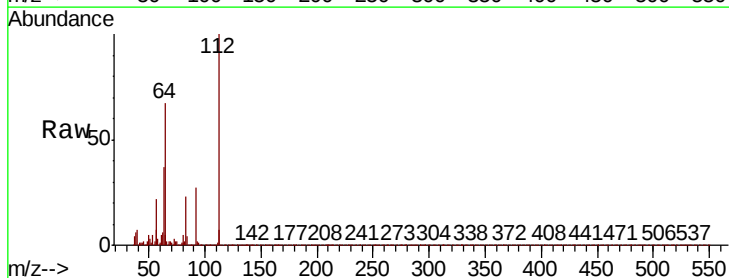


Abundance Ion 152.00 (151.70 to 152.70): E
 250000 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

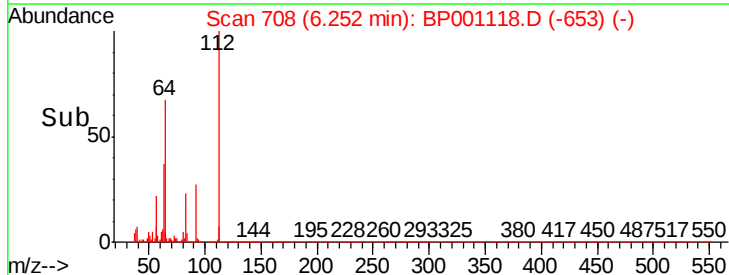
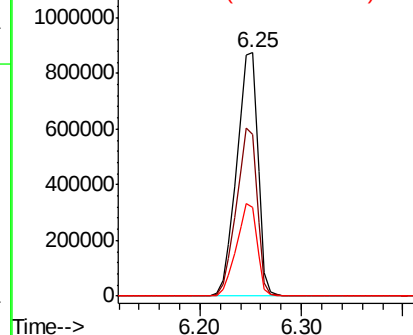


#5
 2-Fluorophenol
 Concen: 148.354 ng
 RT: 6.25 min Scan# 708
 Delta R.T. 0.02 min
 Lab File: BP001118.D
 Acq: 28 Nov 2019 10:16

Tgt Ion:112 Resp: 1273225
 Ion Ratio Lower Upper
 112 100
 64 66.6 52.8 79.2
 63 36.6 28.2 42.2



Abundance Ion 112.00 (111.70 to 112.70): E
 1200000 Ion 64.00 (63.70 to 64.70): BP0
 Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 148.319 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001118.D

Acq: 28 Nov 2019 10:16

Instrument :

BNA_P

ClientSampleId :

SOIL-CUTTINGS

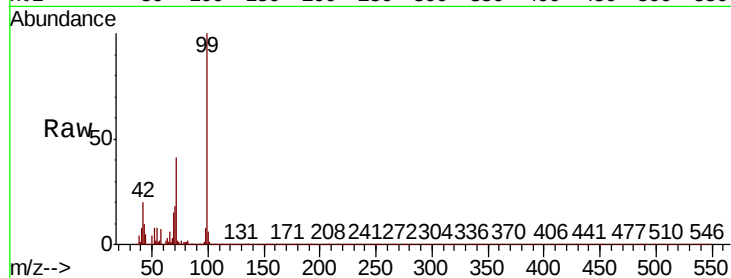
Tot Ion: 99 Resp: 1695848

Ion Ratio Lower Upper

99 100

42 20.1 15.4 23.0

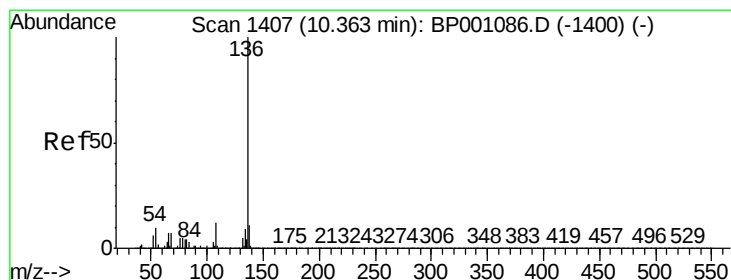
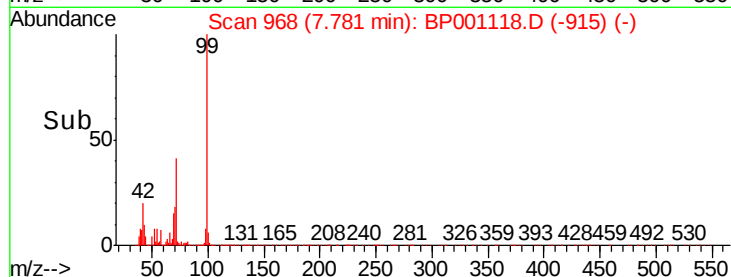
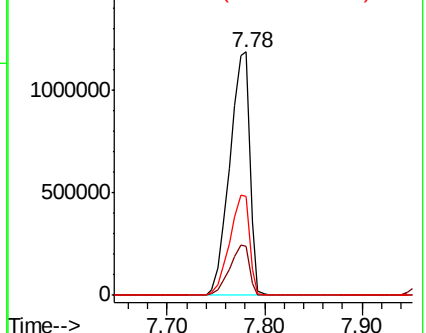
71 40.7 30.8 46.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BP001118.D

Acq: 28 Nov 2019 10:16

Tgt Ion: 136 Resp: 536179

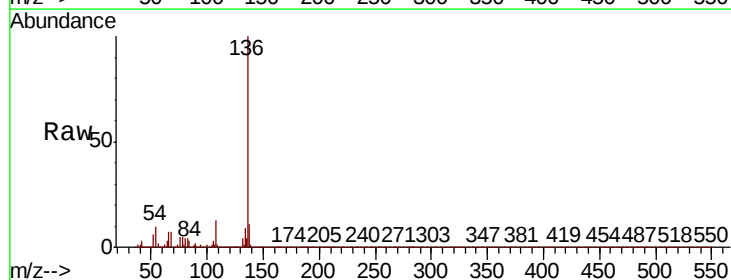
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.3 7.9 11.9

68 6.7 5.6 8.4

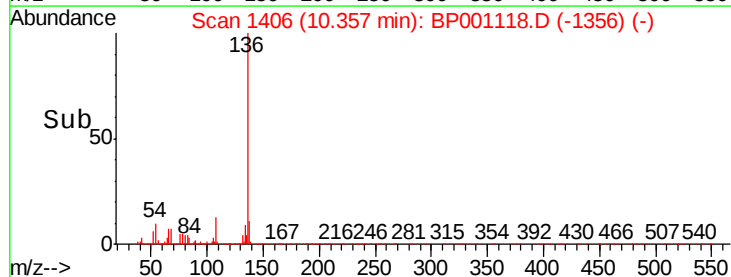
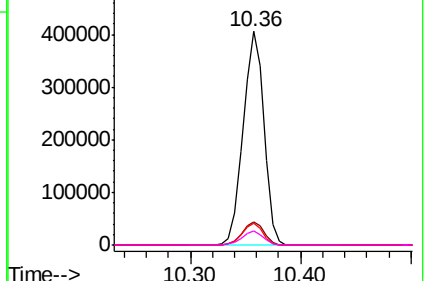


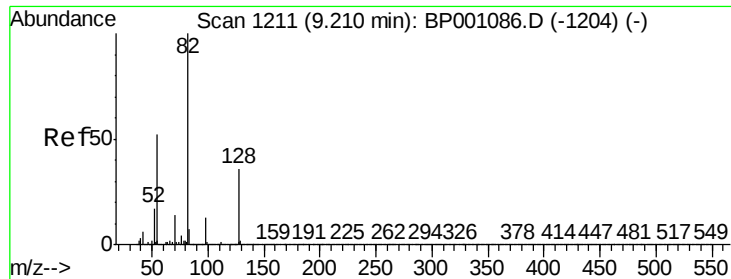
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

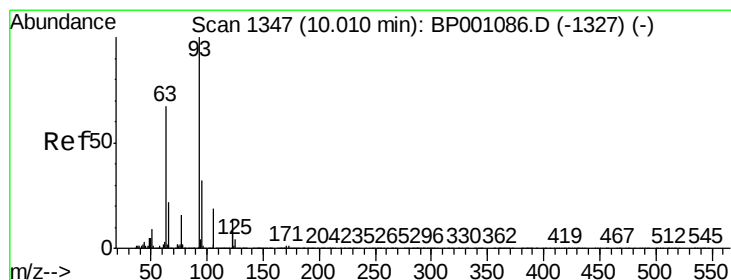
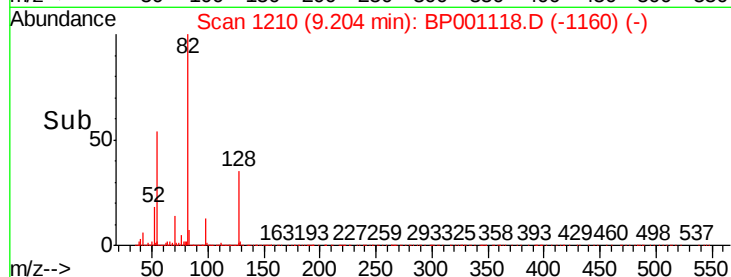
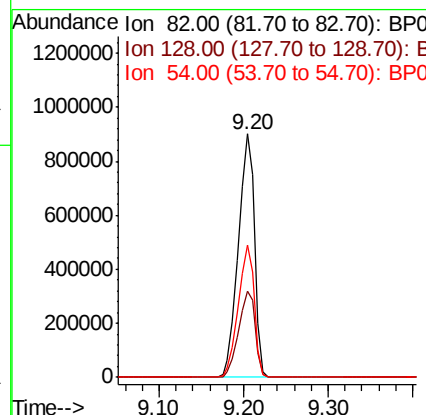
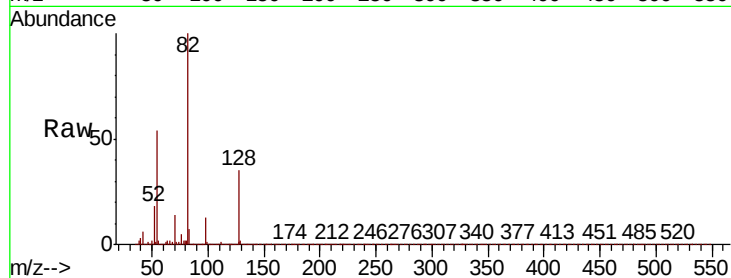




#23
 Nitrobenzene-d5
 Concen: 94.329 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BP001118.D
 Acq: 28 Nov 2019 10:16

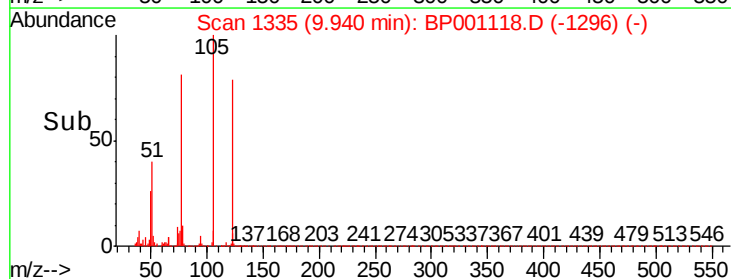
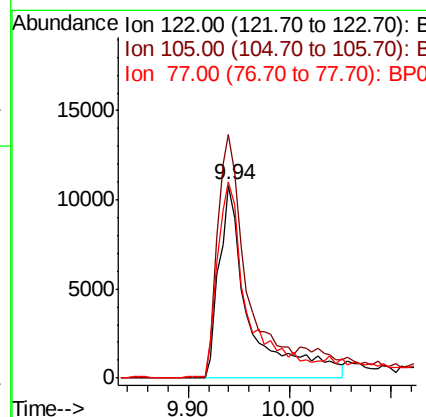
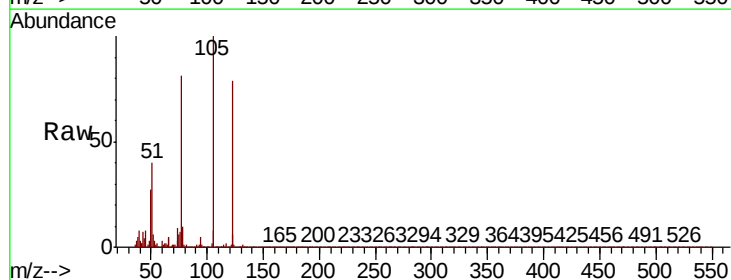
Instrument :
 BNA_P
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 SOIL-CUTTINGS

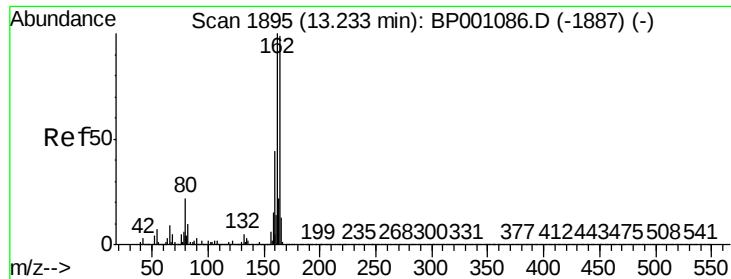
Tot Ion: 82 Resp: 1165760
 Ion Ratio Lower Upper
 82 100
 128 35.4 28.9 43.3
 54 54.1 41.9 62.9



#32
 Benzoic acid
 Concen: 4.359 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.07 min
 Lab File: BP001118.D
 Acq: 28 Nov 2019 10:16

Tgt Ion: 122 Resp: 22471
 Ion Ratio Lower Upper
 122 100
 105 126.4 116.8 156.8
 77 102.1 95.0 135.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.22 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BP001118.D

Acq: 28 Nov 2019 10:16

Instrument :

BNA_P

ClientSampleId :

SOIL-CUTTINGS

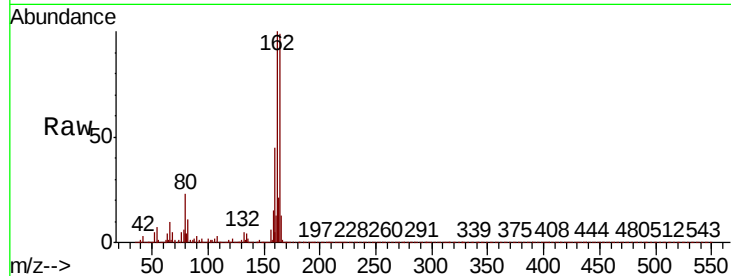
Tot Ion:164 Resp: 302440

Ion Ratio Lower Upper

164 100

162 101.2 80.6 120.8

160 45.3 35.4 53.2

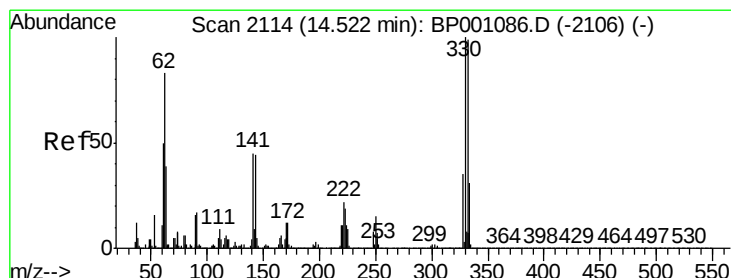
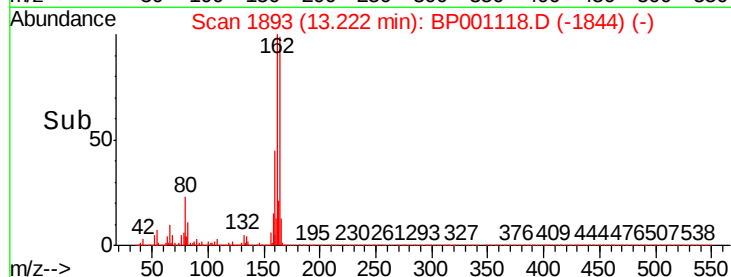
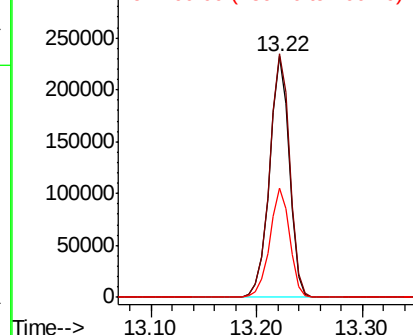


Abundance

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: 149.134 ng

RT: 14.52 min Scan# 2114

Delta R.T. 0.00 min

Lab File: BP001118.D

Acq: 28 Nov 2019 10:16

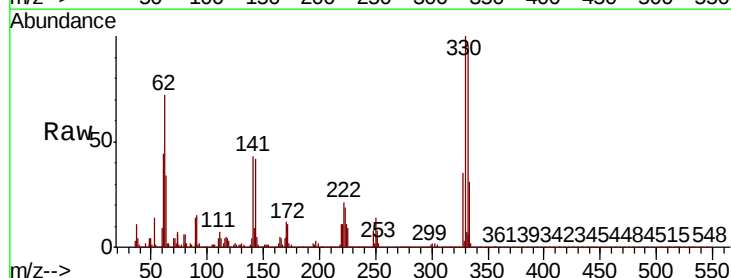
Tgt Ion:330 Resp: 432322

Ion Ratio Lower Upper

330 100

332 97.8 77.6 116.4

141 44.7 34.2 51.2

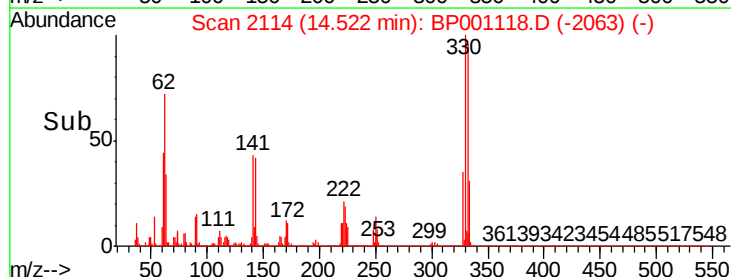
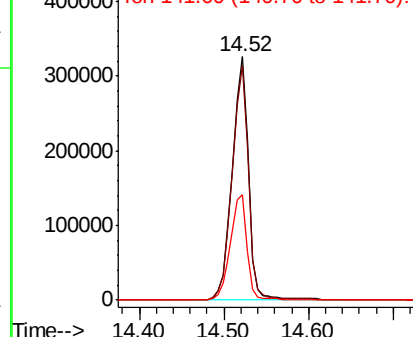


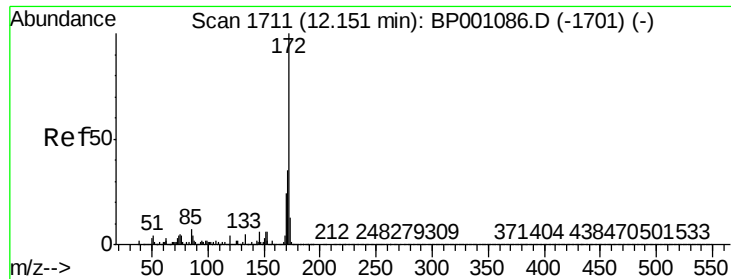
Abundance

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



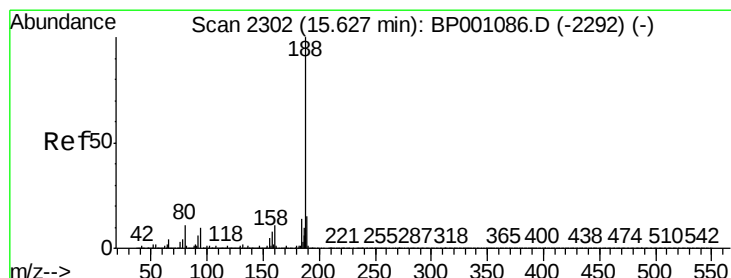
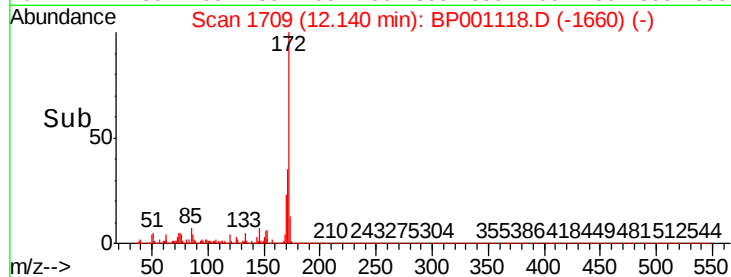
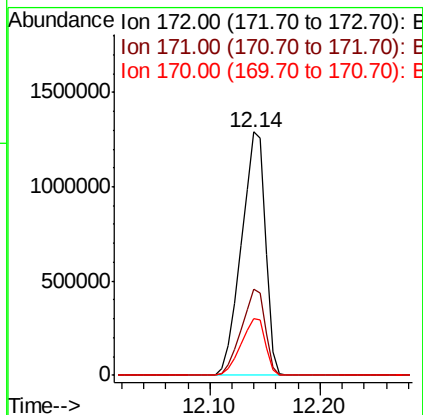
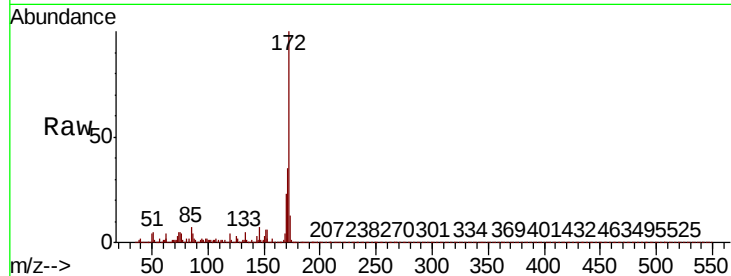


#45
 2-Fluorobiphenyl
 Concen: 95.465 ng
 RT: 12.14 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP001118.D
 Acq: 28 Nov 2019 10:16

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Tot Ion:172 Resp: 1972730

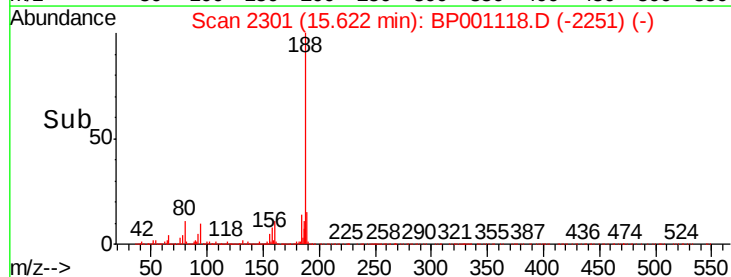
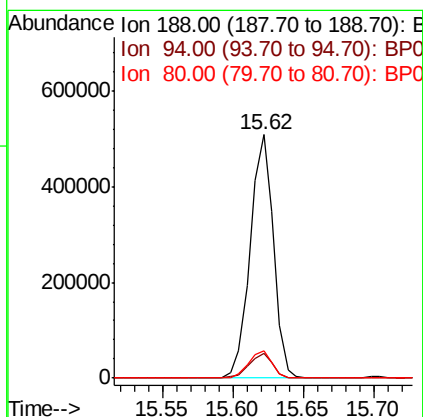
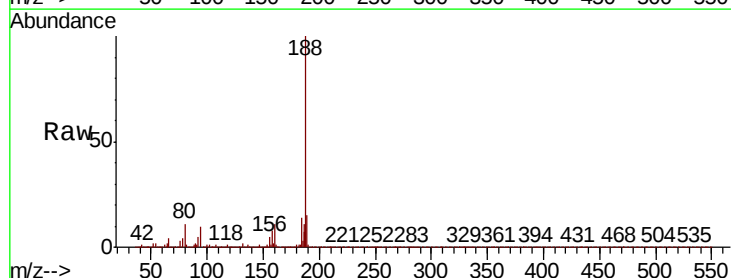
Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.3	19.0	28.4

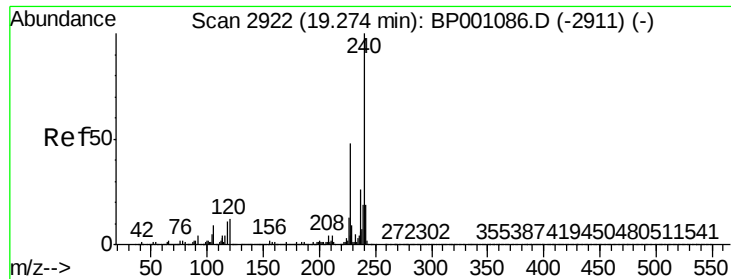


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BP001118.D
 Acq: 28 Nov 2019 10:16

Tgt Ion:188 Resp: 589633

Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.9	11.9
80	11.2	8.8	13.2

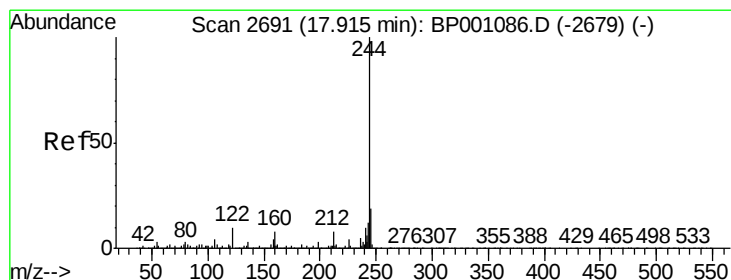
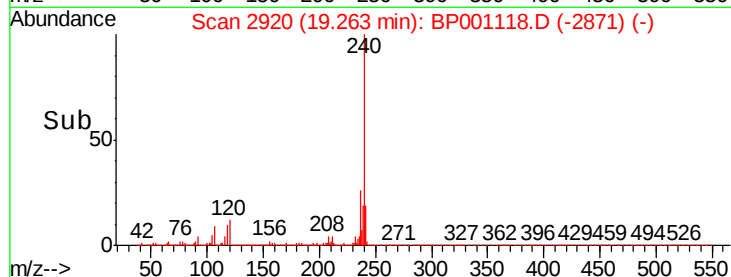
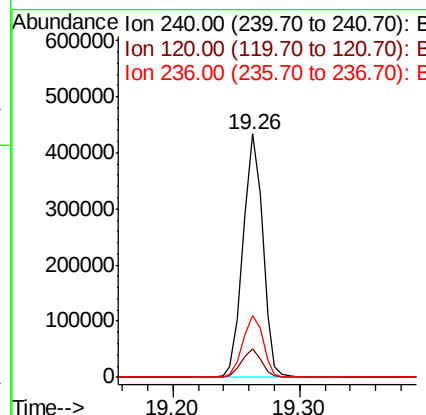
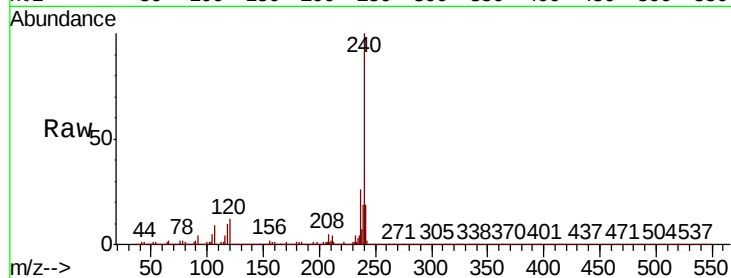




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.26 min Scan# 2920
Delta R.T. -0.01 min
Lab File: BP001118.D
Acq: 28 Nov 2019 10:16

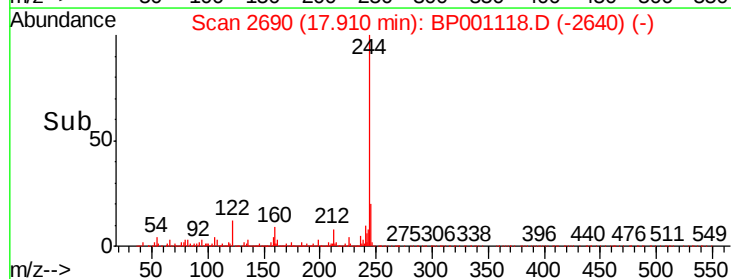
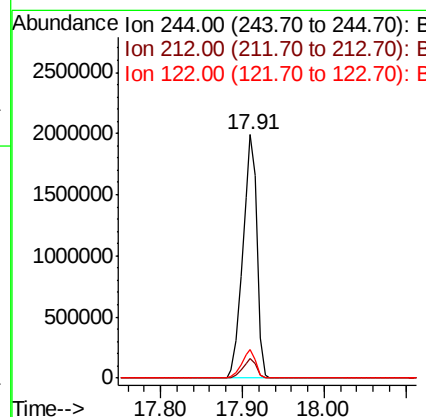
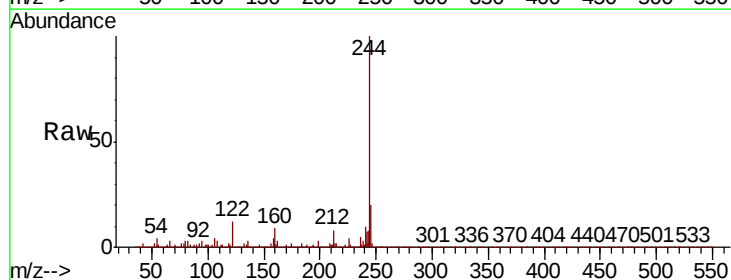
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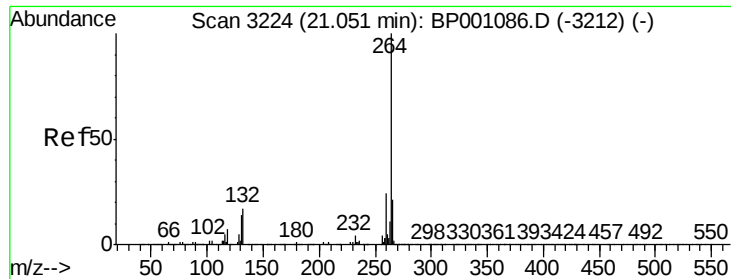
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.5	14.3
236	25.7	20.4	30.6



#79
Terphenyl-d14
Concen: 94.398 ng
RT: 17.91 min Scan# 2690
Delta R.T. -0.01 min
Lab File: BP001118.D
Acq: 28 Nov 2019 10:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	11.9	8.2	12.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BP001118.D
Acq: 28 Nov 2019 10:16

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.0	16.9	25.3

