

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001604.D
 Acq On : 15 Jan 2020 00:36
 Operator : JU
 Sample : L1091-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 GRAVEL-SOILD

Quant Time: Jan 15 01:06:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

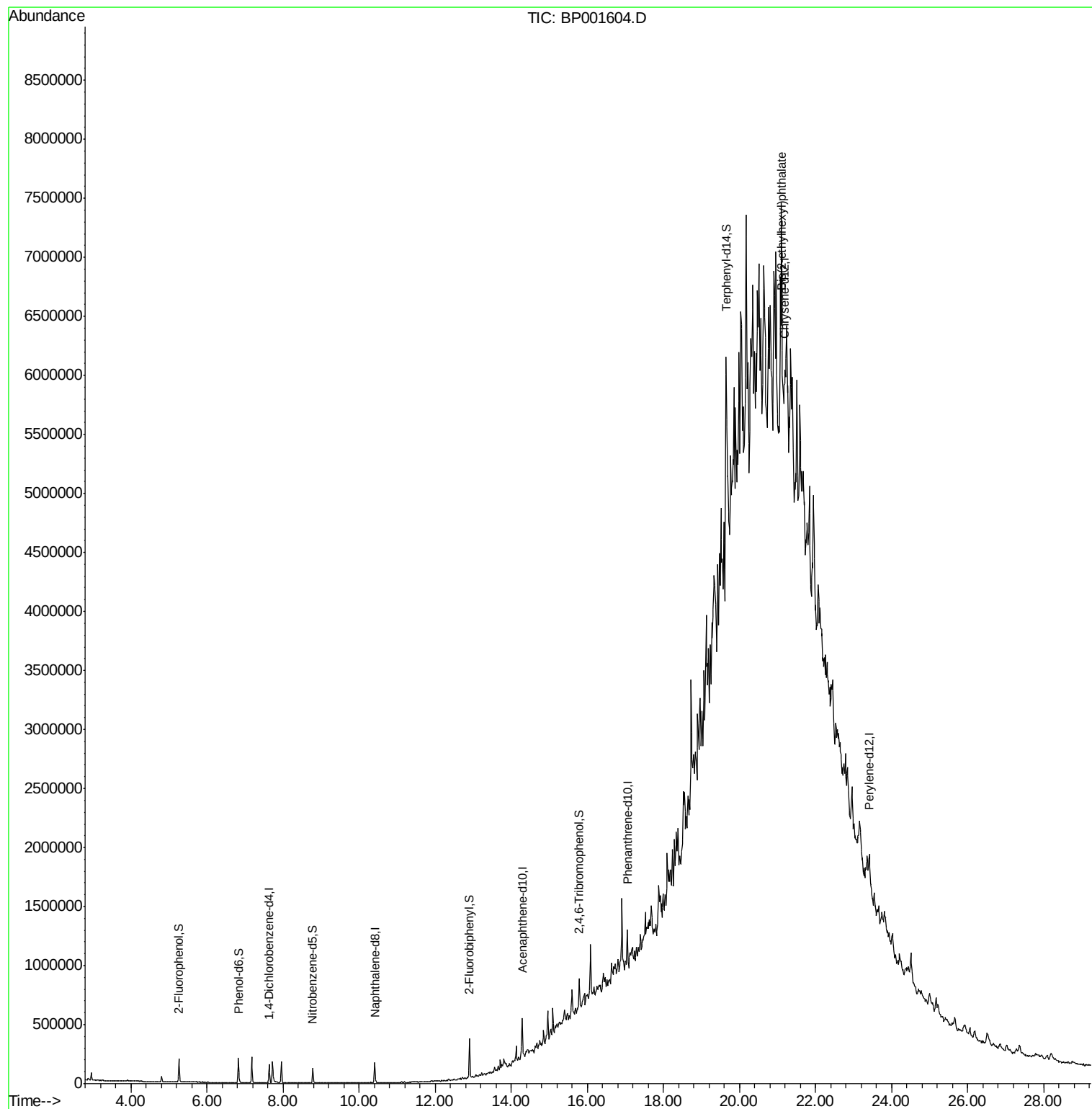
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	32998	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	119648	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	87905	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	193477	20.00	ng	0.00
76) Chrysene-d12	21.17	240	153959	20.00	ng	0.01
87) Perylene-d12	23.42	264	173778	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	65454	38.86	ng	0.00
7) Phenol-d6	6.83	99	91071	33.83	ng	0.00
23) Nitrobenzene-d5	8.78	82	67350	24.60	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	41321	30.88	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	157025	26.26	ng	0.00
79) Terphenyl-d14	19.65	244	245056	29.11	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phthalate	21.11	149	439456	74.578	ng	Qvalue 100

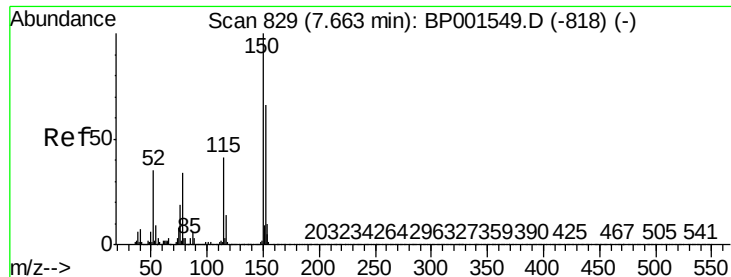
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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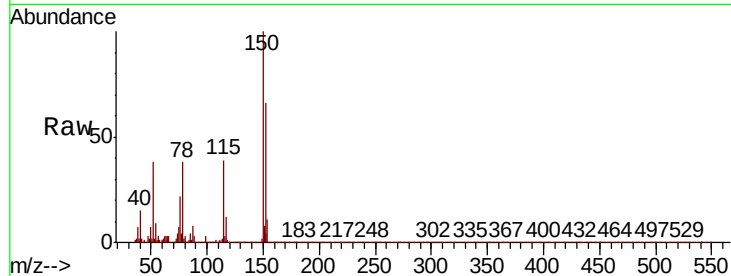


#1

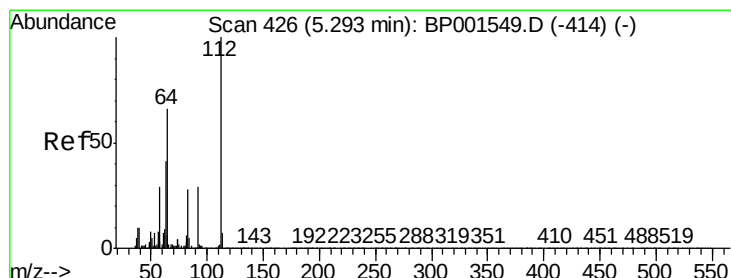
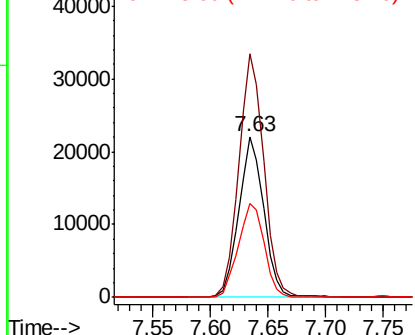
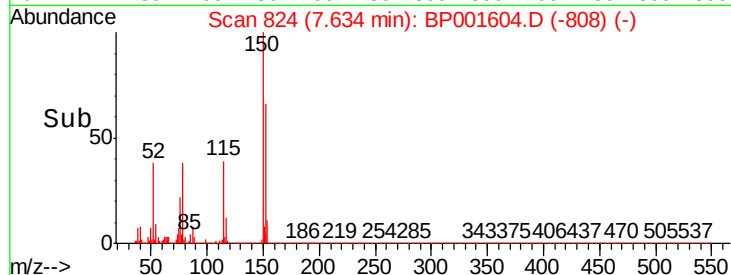
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 824
Delta R.T. -0.01 min
Lab File: BP001604.D
Acq: 15 Jan 2020 00:36

Instrument :
BNA_P
ClientSampleId :
GRAVEL-SOILD

Tot Ion:152 Resp: 32998
Ion Ratio Lower Upper
152 100
150 151.7 122.0 183.0
115 58.6 50.7 76.1



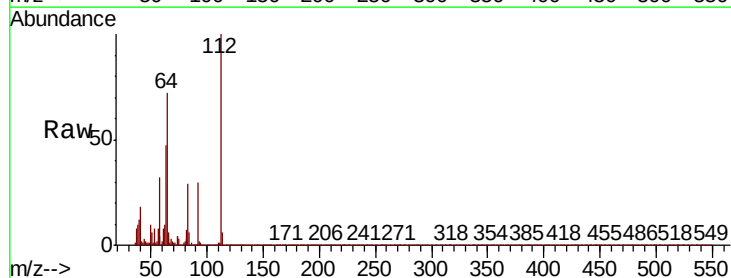
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



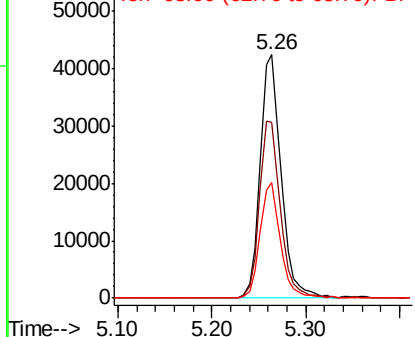
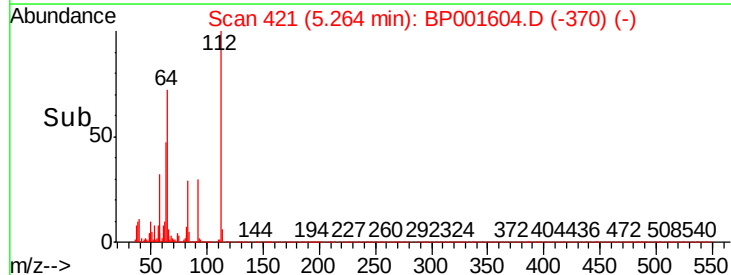
#5

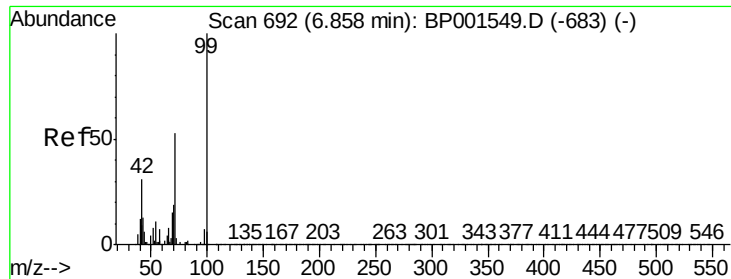
2-Fluorophenol
Concen: 38.856 ng
RT: 5.26 min Scan# 421
Delta R.T. 0.00 min
Lab File: BP001604.D
Acq: 15 Jan 2020 00:36

Tgt Ion:112 Resp: 65454
Ion Ratio Lower Upper
112 100
64 72.1 52.8 79.2
63 47.5 33.1 49.7



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: 33.828 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001604.D

Acq: 15 Jan 2020 00:36

Instrument :

BNA_P

ClientSampleId :

GRAVEL-SOILD

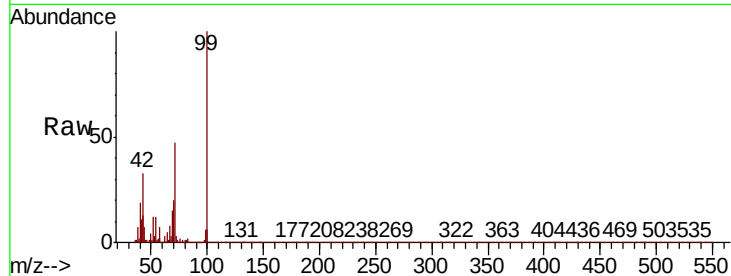
Tot Ion: 99 Resp: 91071

Ion Ratio Lower Upper

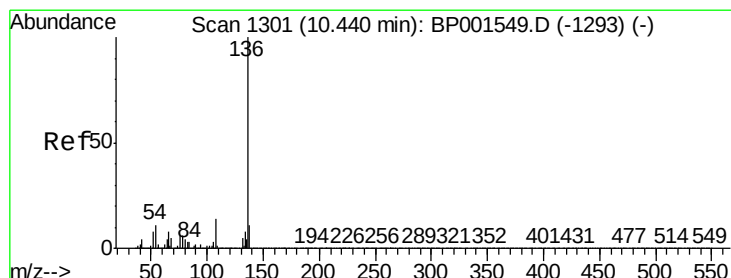
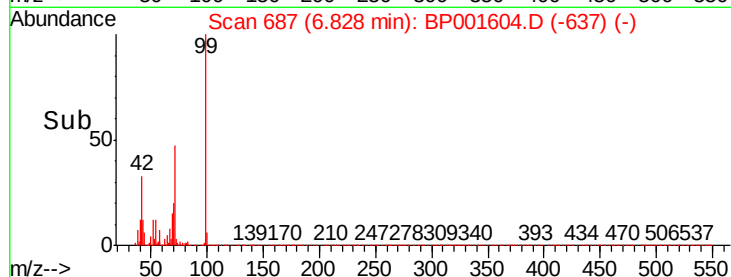
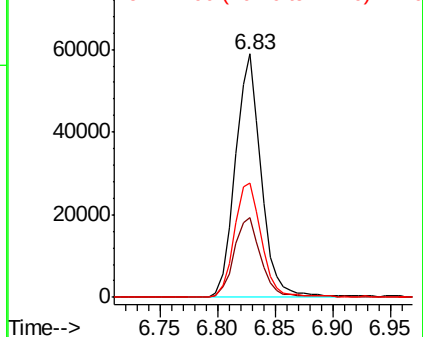
99 100

42 32.8 24.5 36.7

71 46.8 42.4 63.6



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: 10.41 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BP001604.D

Acq: 15 Jan 2020 00:36

Tgt Ion: 136 Resp: 119648

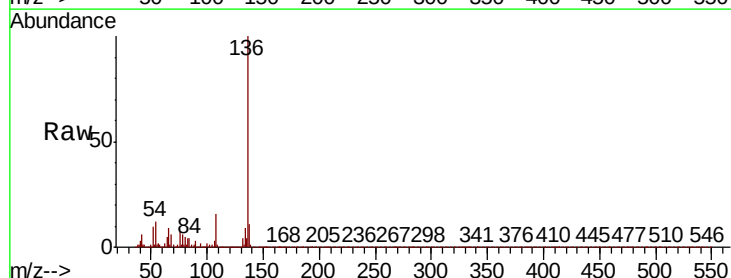
Ion Ratio Lower Upper

136 100

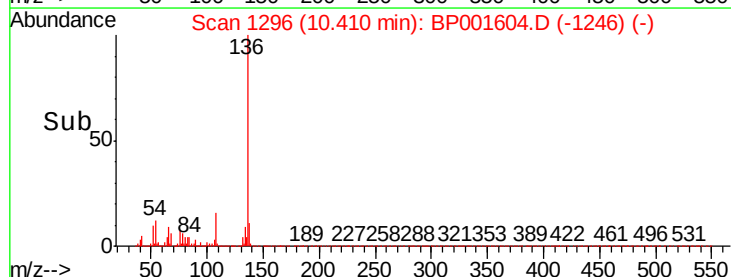
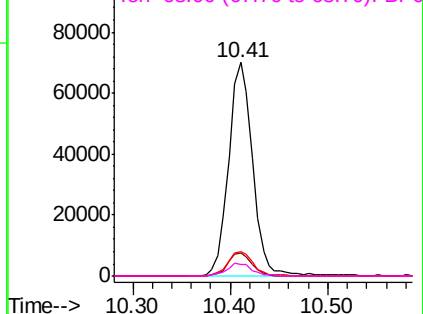
137 11.0 8.6 12.8

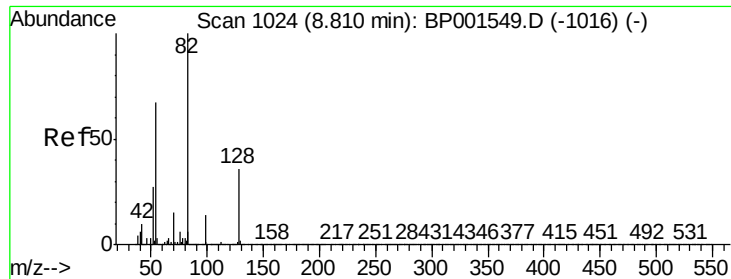
54 11.6 9.2 13.8

68 5.6 4.1 6.1



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

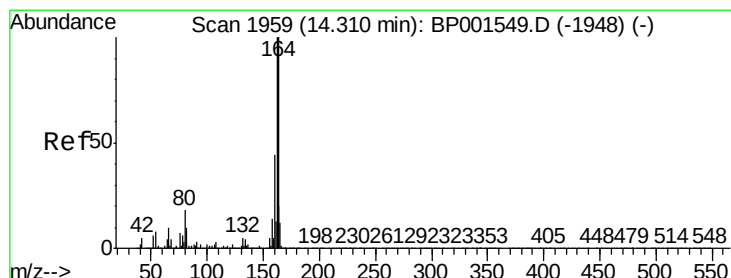
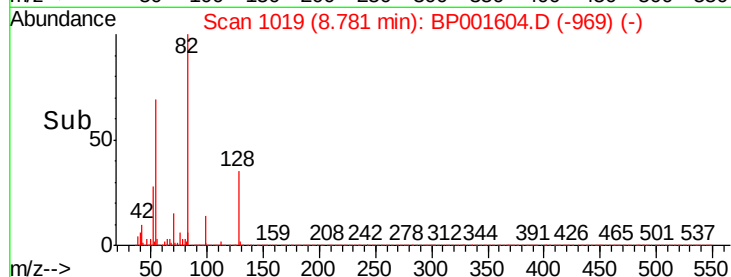
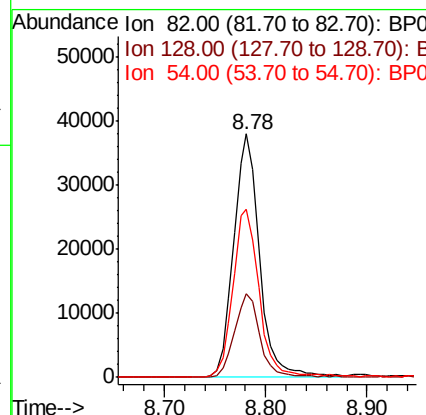
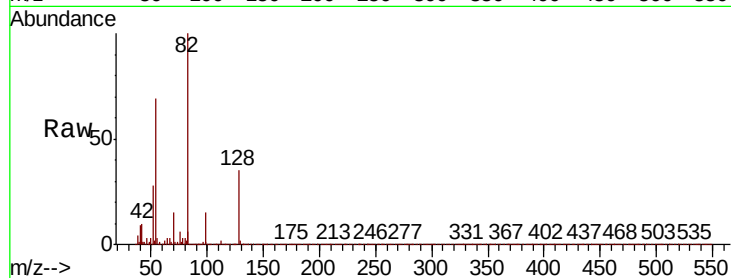




#23
 Nitrobenzene-d5
 Concen: 24.597 ng
 RT: 8.78 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: BP001604.D
 Acq: 15 Jan 2020 00:36

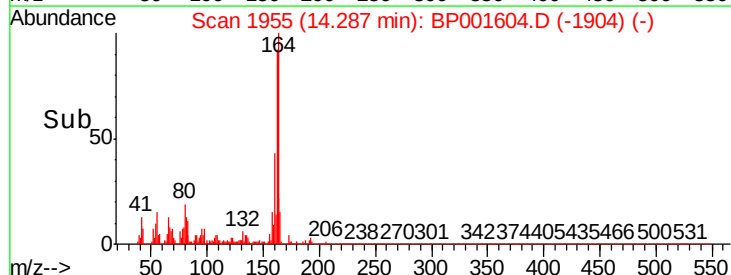
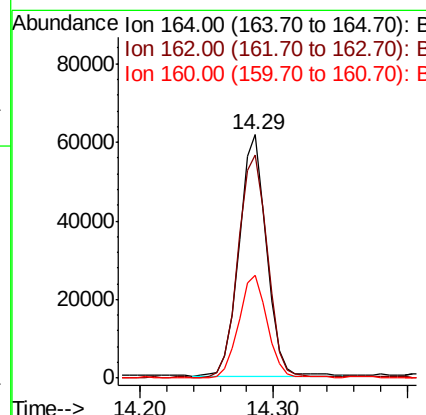
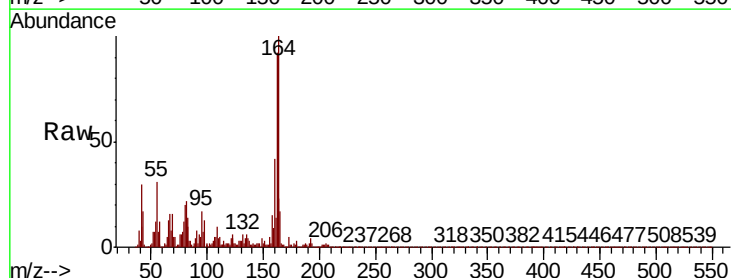
Instrument :
 BNA_P
 ClientSampleId :
 GRAVEL-SOILD

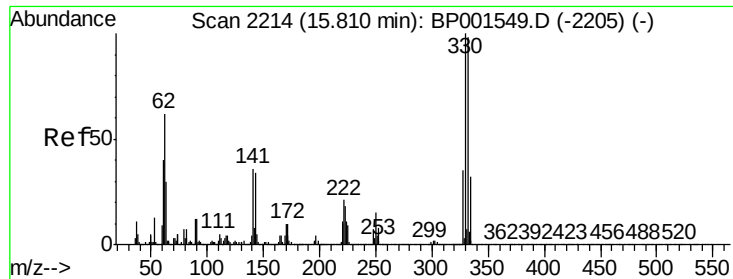
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.6	28.4	42.6
54	69.2	53.4	80.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.29 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BP001604.D
 Acq: 15 Jan 2020 00:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.9	79.8	119.6
160	42.3	35.0	52.6

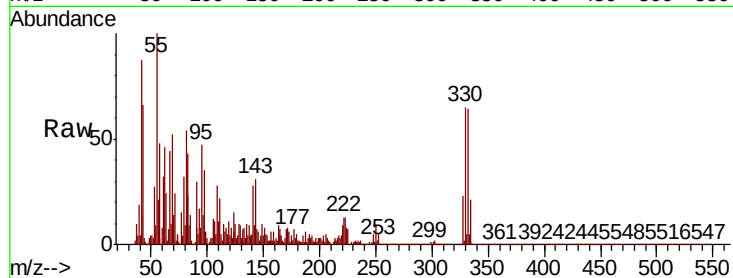




#42
2,4,6-Tribromophenol
Concen: 30.881 ng
RT: 15.79 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BP001604.D
Acq: 15 Jan 2020 00:36

Instrument :
BNA_P
ClientSampleId :
GRAVEL-SOILD

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.8	116.6
141	38.3	28.7	43.1

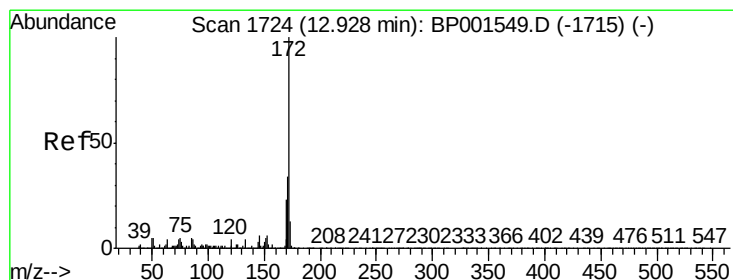
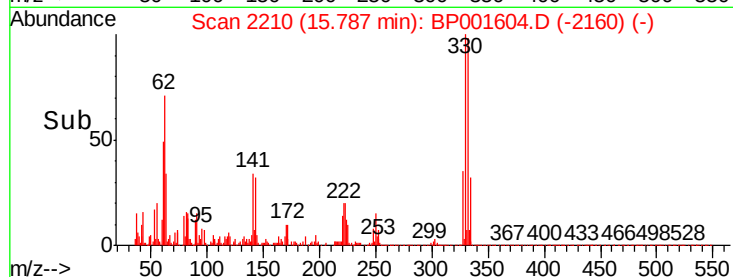
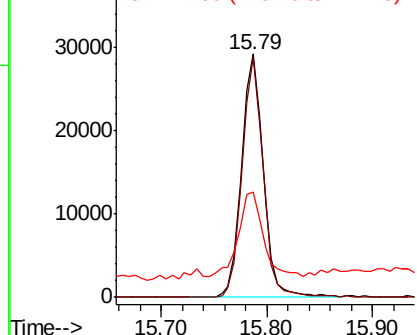


Abundance

Ion 329.80 (329.50 to 330.50): E

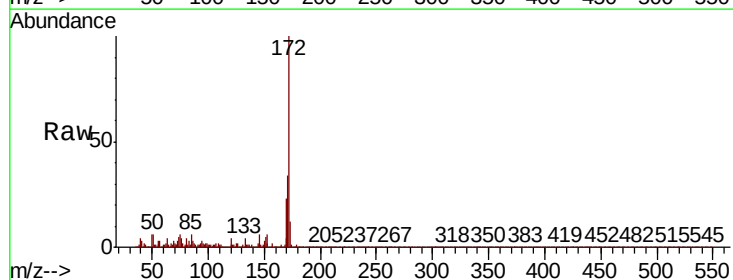
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 26.264 ng
RT: 12.90 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BP001604.D
Acq: 15 Jan 2020 00:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.6	41.4
170	22.6	18.3	27.5

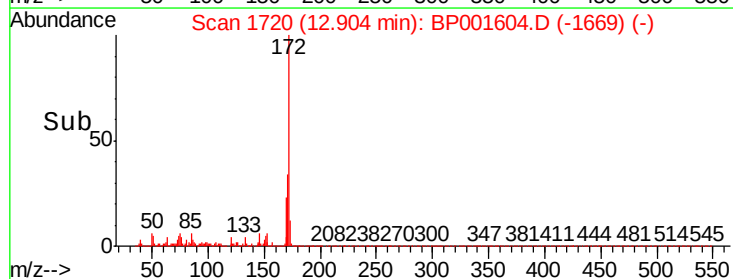
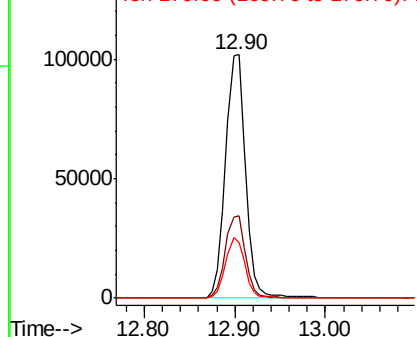


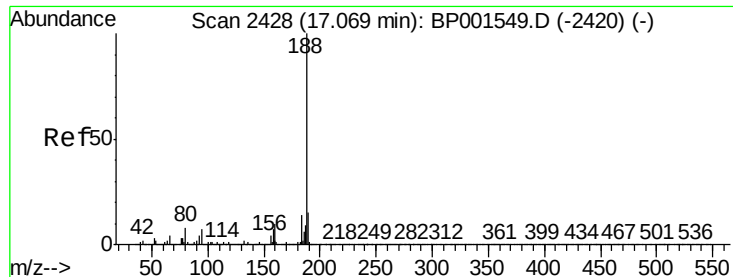
Abundance

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: 17.05 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BP001604.D

Acq: 15 Jan 2020 00:36

Instrument :

BNA_P

ClientSampleId :

GRAVEL-SOILD

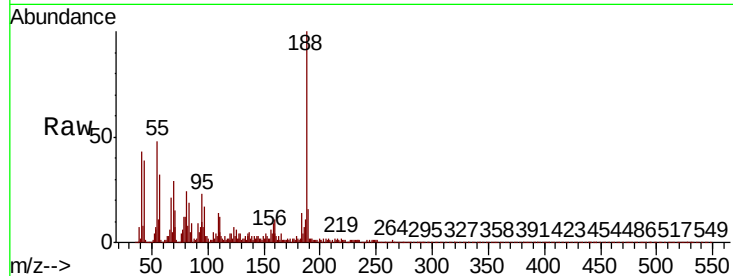
Tot Ion:188 Resp: 193477

Ion Ratio Lower Upper

188 100

94 9.6 5.9 8.9#

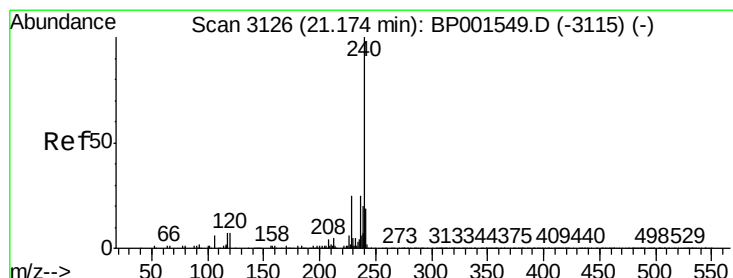
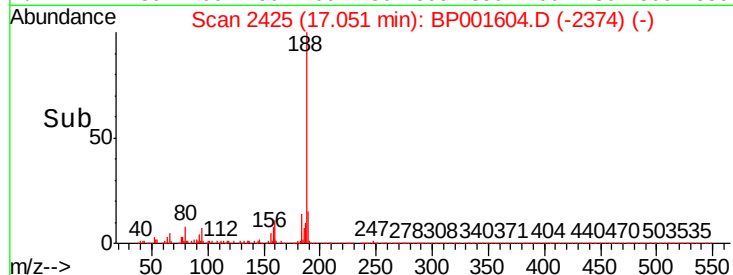
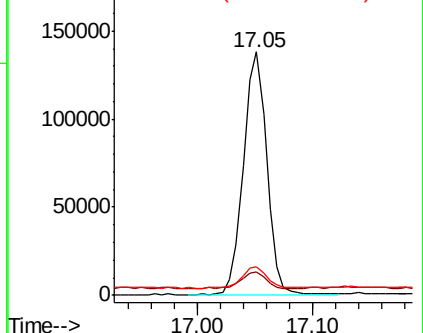
80 11.7 6.8 10.2#



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: 21.17 min Scan# 3125

Delta R.T. 0.01 min

Lab File: BP001604.D

Acq: 15 Jan 2020 00:36

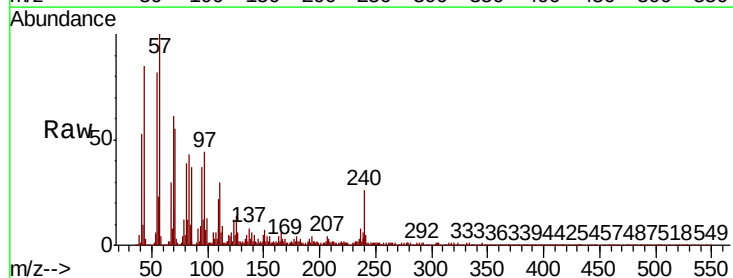
Tgt Ion:240 Resp: 153959

Ion Ratio Lower Upper

240 100

120 13.9 5.7 8.5#

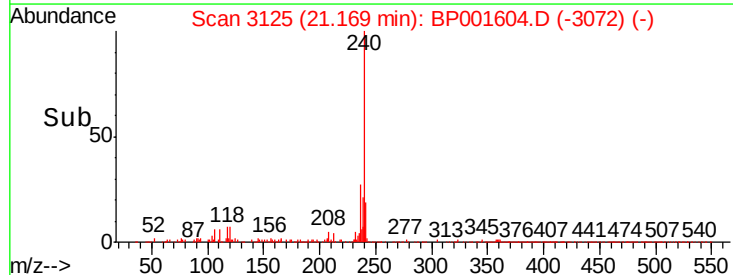
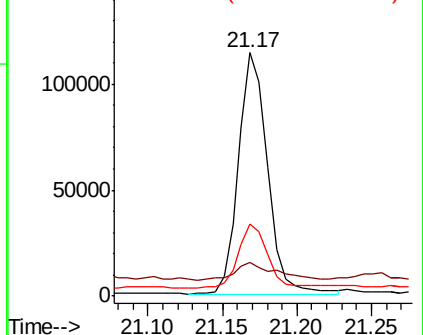
236 29.9 20.4 30.6

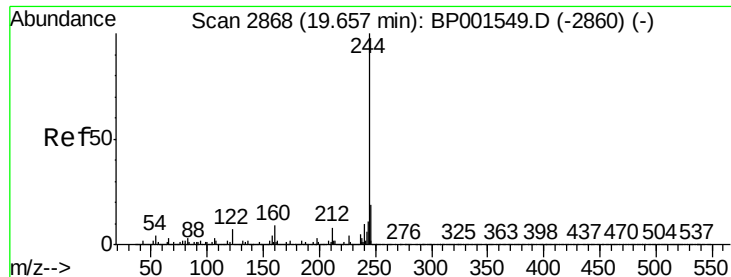


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 29.113 ng

RT: 19.65 min Scan# 2866

Delta R.T. 0.01 min

Lab File: BP001604.D

Acq: 15 Jan 2020 00:36

Instrument :

BNA_P

ClientSampleId :

GRAVEL-SOILD

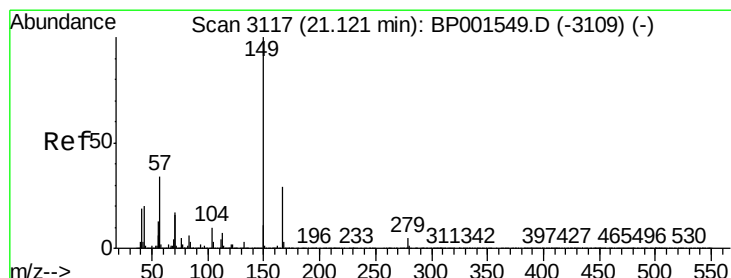
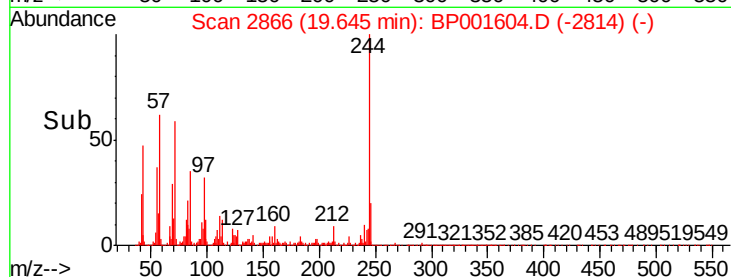
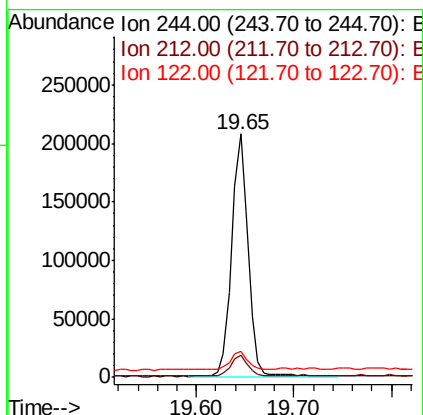
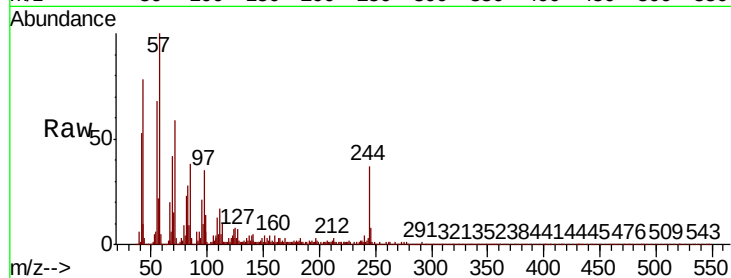
Tot Ion:244 Resp: 245056

Ion Ratio Lower Upper

244 100

212 9.3 6.3 9.5

122 10.9 5.8 8.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 74.578 ng

RT: 21.11 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BP001604.D

Acq: 15 Jan 2020 00:36

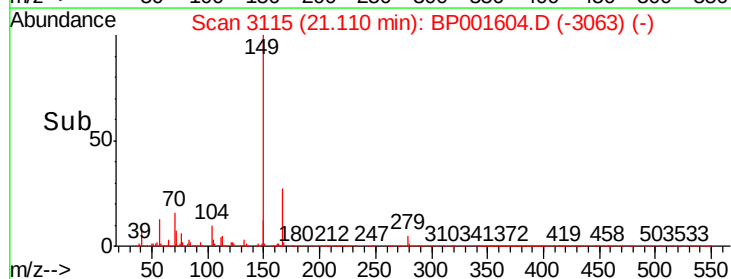
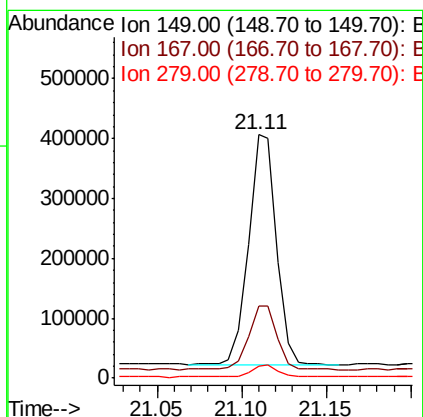
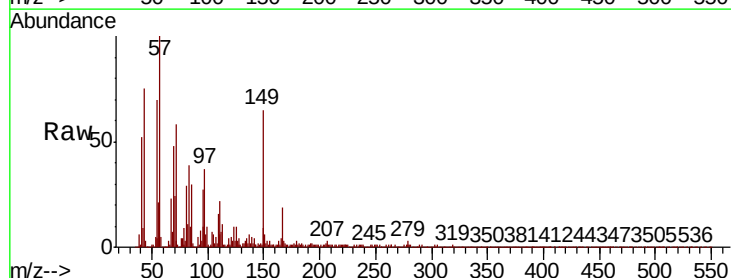
Tgt Ion:149 Resp: 439456

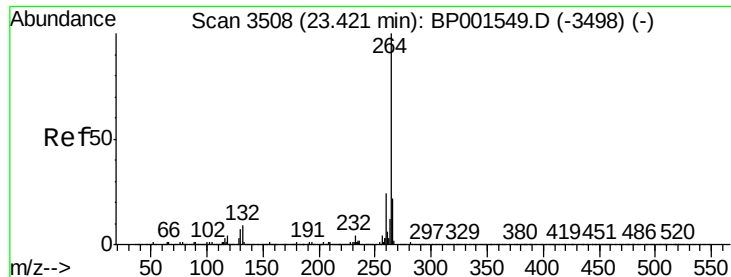
Ion Ratio Lower Upper

149 100

167 29.4 23.5 35.3

279 4.9 4.0 6.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3507
Delta R.T. 0.02 min
Lab File: BP001604.D
Acq: 15 Jan 2020 00:36

Instrument :
BNA_P
ClientSampleId :
GRAVEL-SOILD

Tot Ion: 264 Resp: 173778

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.0	28.6
265	22.9	18.2	27.4

