

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000325.D
 Acq On : 19 Sep 2019 13:17
 Operator : HP/JU
 Sample : K4938-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MG-EAST-SOIL

Quant Time: Sep 20 04:51:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

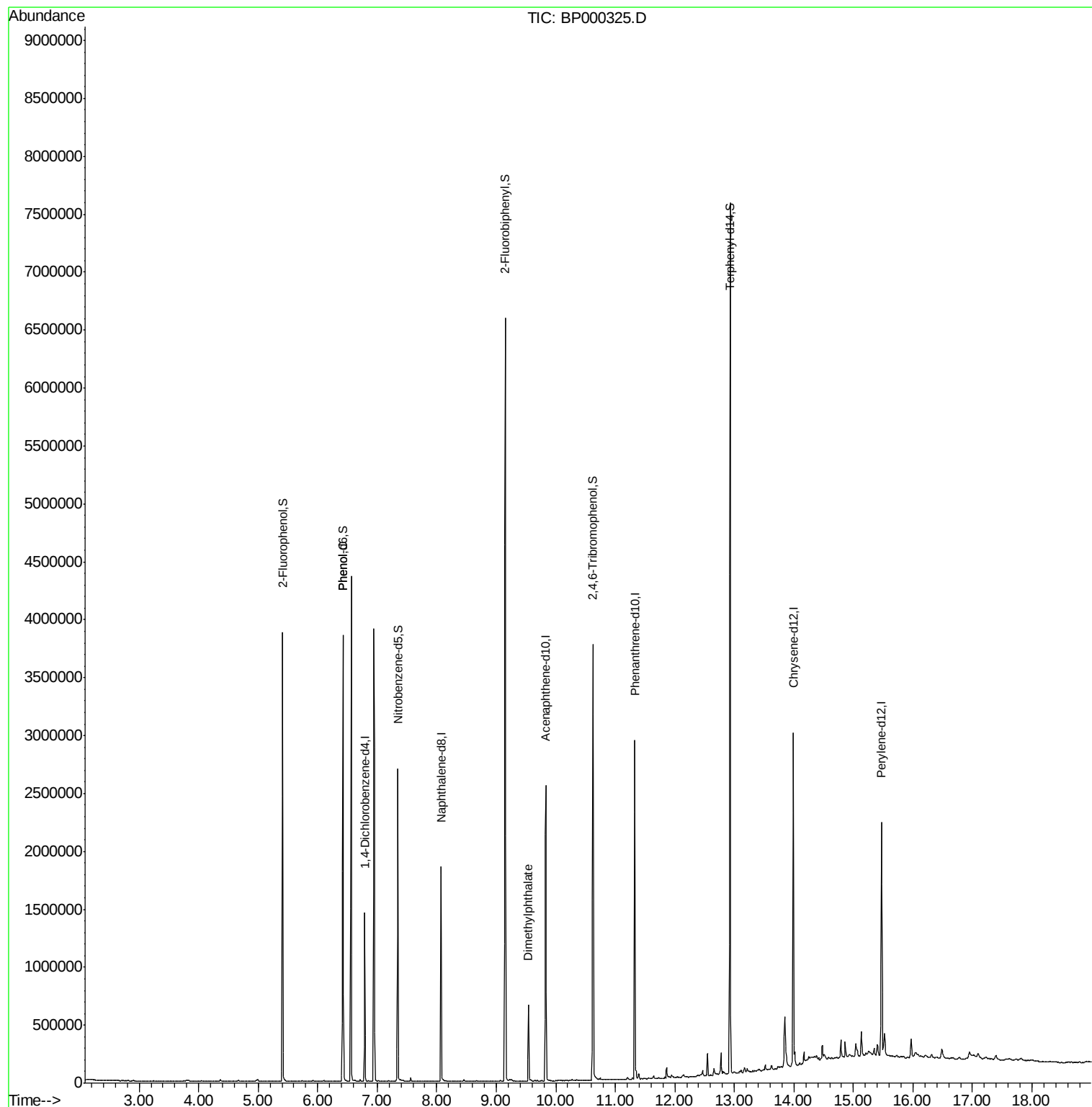
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	229334	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	860104	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	505846	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1001469	20.00	ng	0.00
76) Chrysene-d12	13.99	240	884104	20.00	ng	0.00
87) Perylene-d12	15.47	264	924282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1174967	88.45	ng	0.00
7) Phenol-d6	6.43	99	1541350	94.66	ng	0.00
23) Nitrobenzene-d5	7.35	82	861551	64.63	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	496307	98.92	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1877176	66.79	ng	0.00
79) Terphenyl-d14	12.93	244	2455863	58.27	ng	0.00
Target Compounds						
10) Phenol	6.43	94	48708	2.633	ng	84
50) Dimethylphthalate	9.54	163	280633	8.143	ng	100

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

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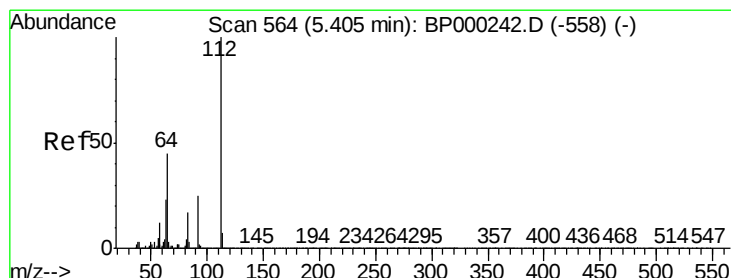
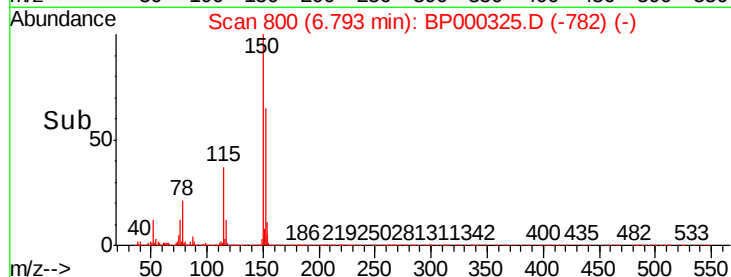
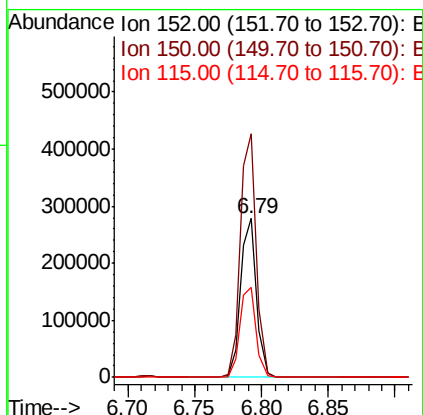
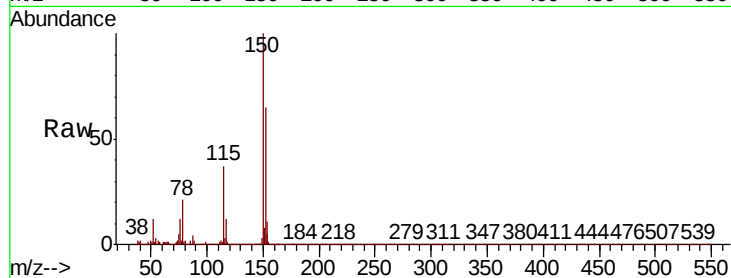


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000325.D
Acq: 19 Sep 2019 13:17

Instrument :
BNA_P
ClientSampleId :
MG-EAST-SOIL

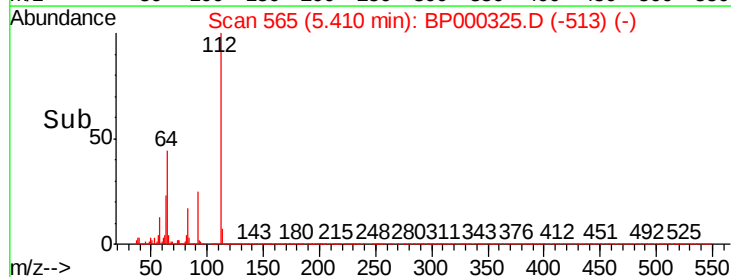
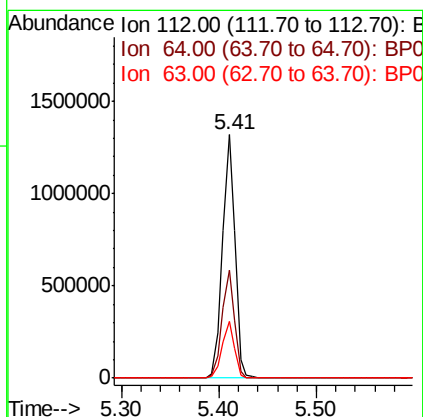
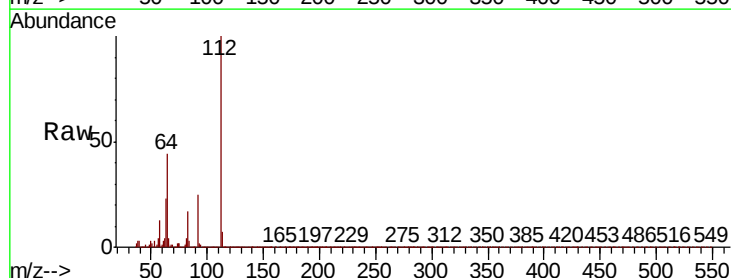
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	125.2	187.8
115	56.4	49.7	74.5

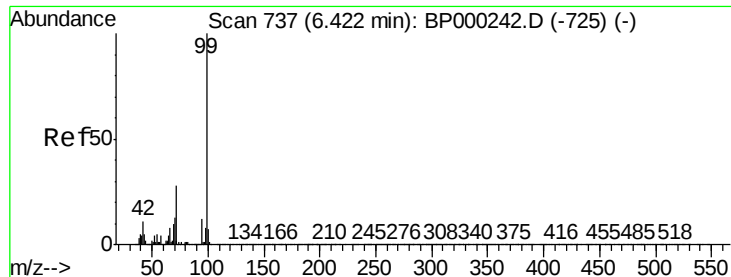


#5

2-Fluorophenol
Concen: 88.448 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000325.D
Acq: 19 Sep 2019 13:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.1	36.2	54.4
63	23.1	18.3	27.5





#7

Phenol-d6

Concen: 94.655 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

Instrument :

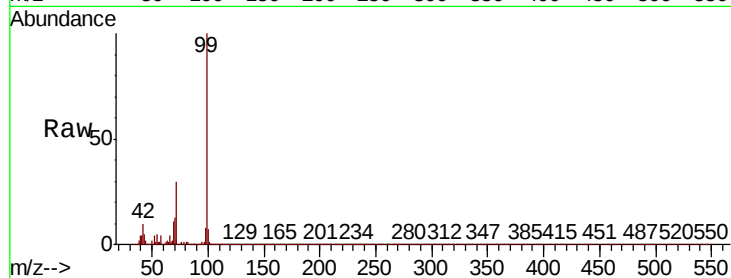
BNA_P

ClientSampleId :

MG-EAST-SOIL

Tot Ion: 99 Resp: 1541350

Ion	Ratio	Lower	Upper
99	100		
42	10.4	8.5	12.7
71	29.8	22.6	34.0



Abundance

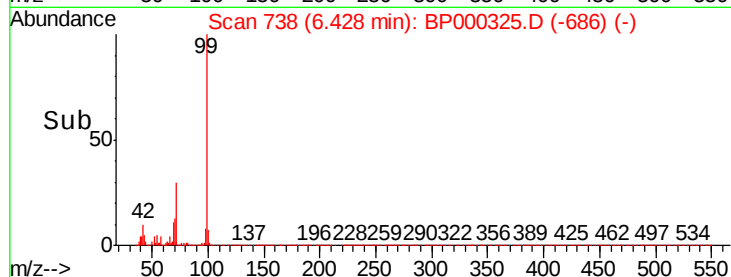
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

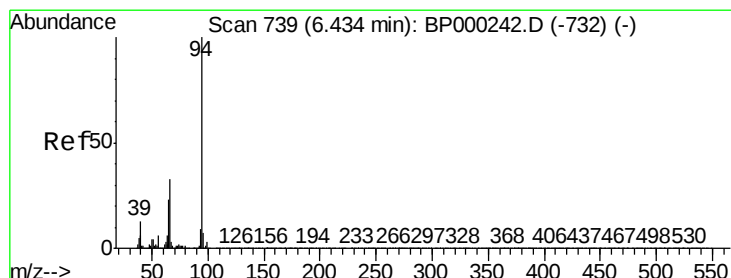
Ion 71.00 (70.70 to 71.70): BP0

6.43

Time-->



Time-->



#10

Phenol

Concen: 2.633 ng

RT: 6.43 min Scan# 739

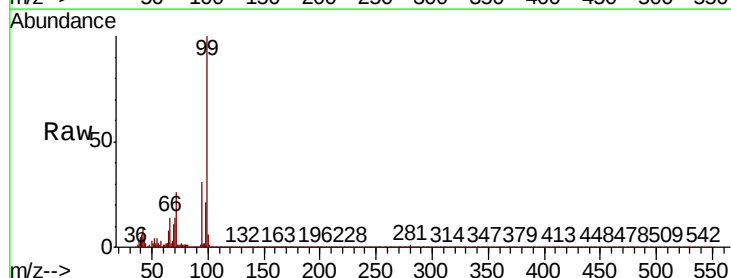
Delta R.T. -0.00 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

Tgt Ion: 94 Resp: 48708

Ion	Ratio	Lower	Upper
94	100		
65	26.9	3.3	43.3
66	45.0	12.7	52.7



Abundance

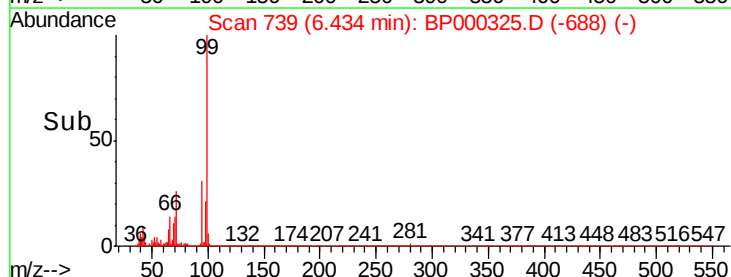
Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

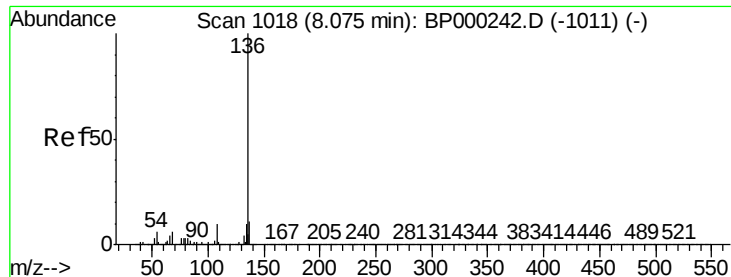
Ion 66.00 (65.70 to 66.70): BP0

6.43

Time-->



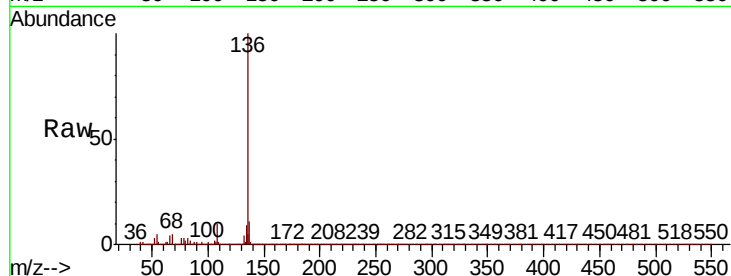
Time-->



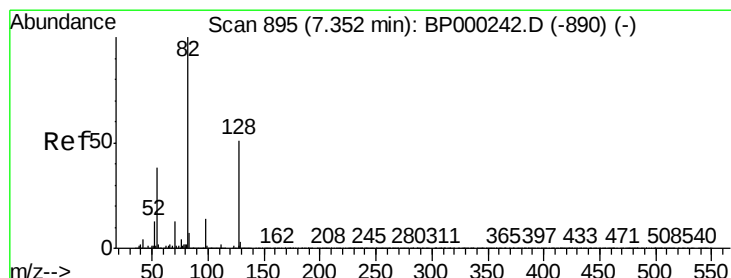
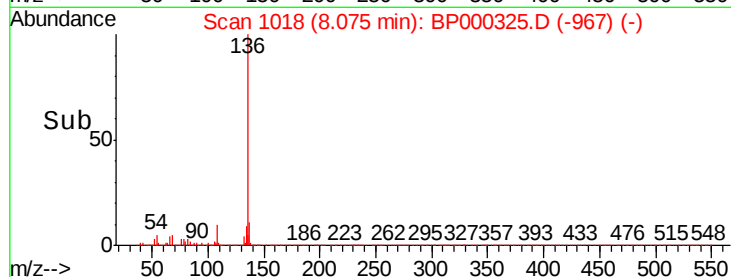
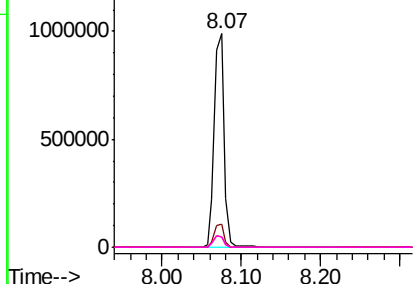
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000325.D
Acq: 19 Sep 2019 13:17

Instrument :
BNA_P
ClientSampleId :
MG-EAST-SOIL

Tot Ion:136	Resp:	860104
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.6	13.0
54 4.9	4.5	6.7
68 4.7	4.5	6.7

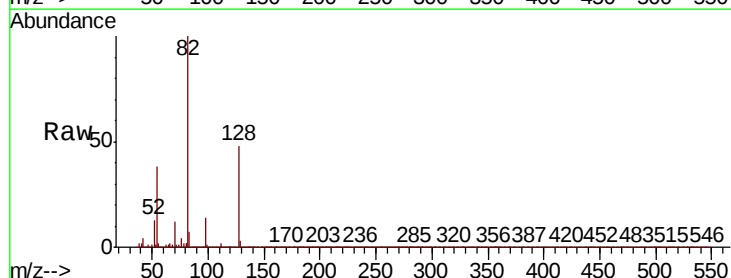


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

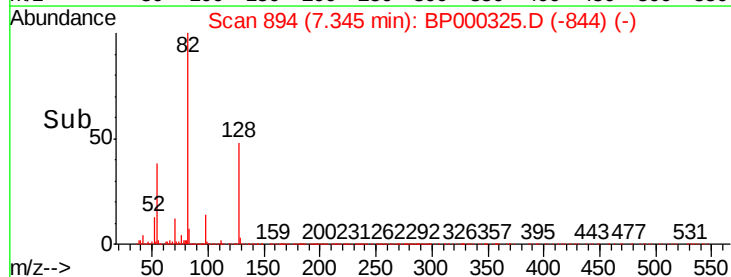
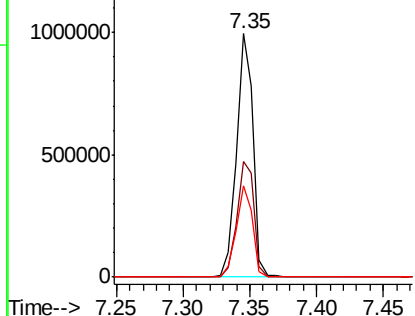


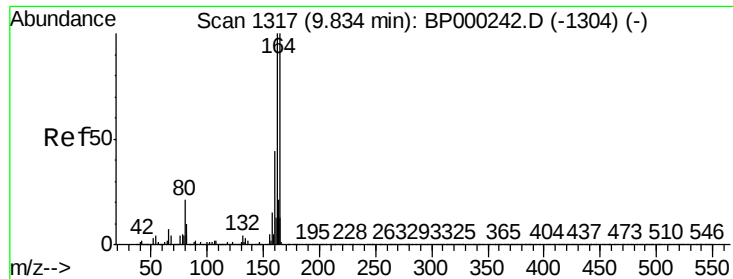
#23
Nitrobenzene-d5
Concen: 64.628 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000325.D
Acq: 19 Sep 2019 13:17

Tgt Ion: 82	Resp: 861551
Ion Ratio	Lower Upper
82 100	
128 47.5	40.7 61.1
54 37.7	30.1 45.1



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

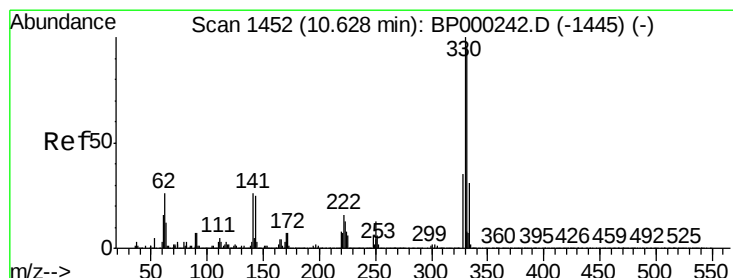
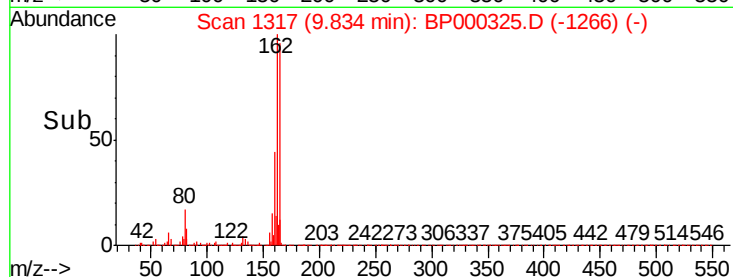
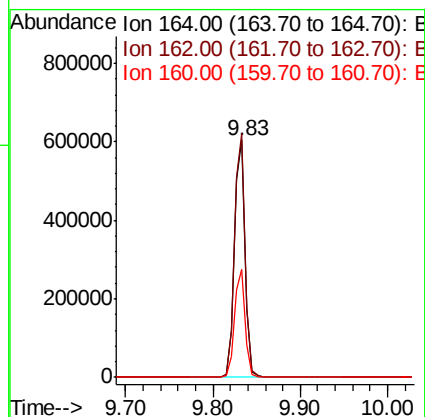
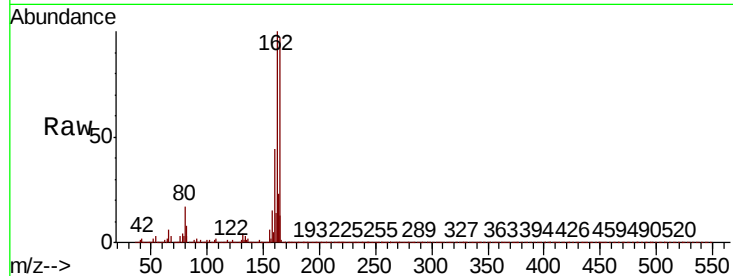




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000325.D
Acq: 19 Sep 2019 13:17

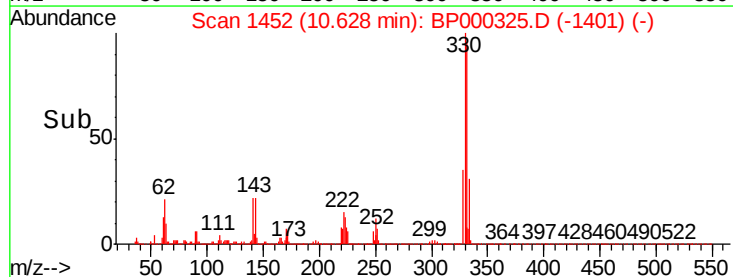
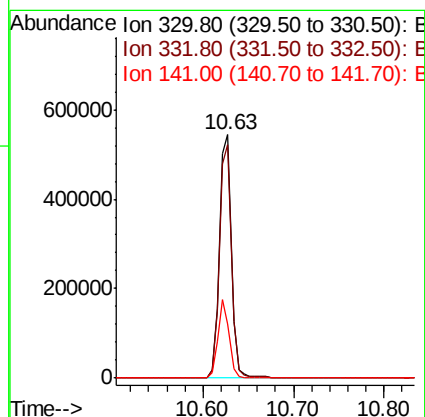
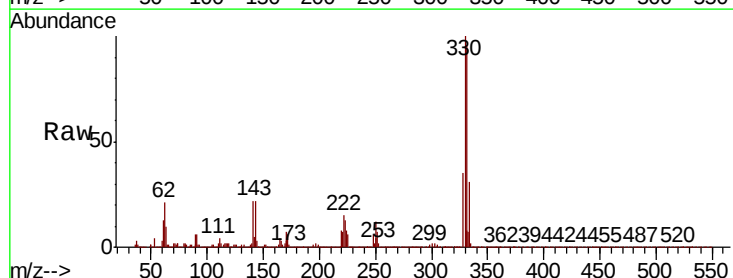
Instrument :
BNA_P
ClientSampleId :
MG-EAST-SOIL

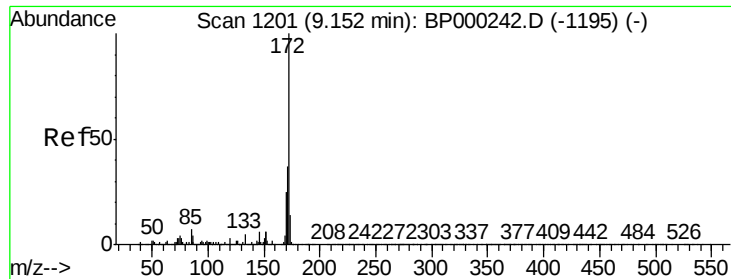
Tot Ion:164 Resp: 505846
Ion Ratio Lower Upper
164 100
162 102.9 79.9 119.9
160 45.6 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 98.919 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000325.D
Acq: 19 Sep 2019 13:17

Tgt Ion:330 Resp: 496307
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 30.3 26.5 39.7

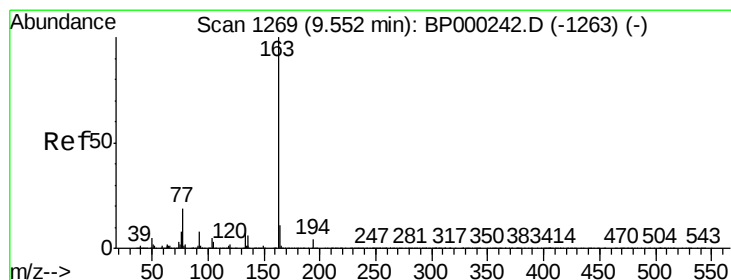
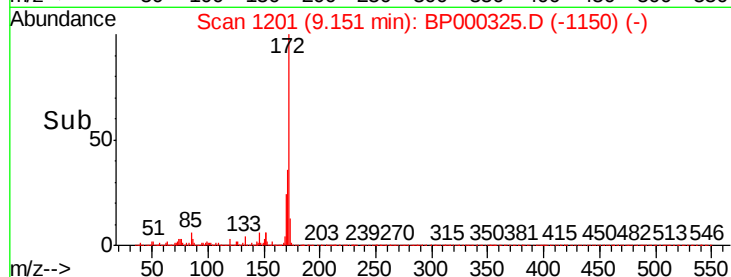
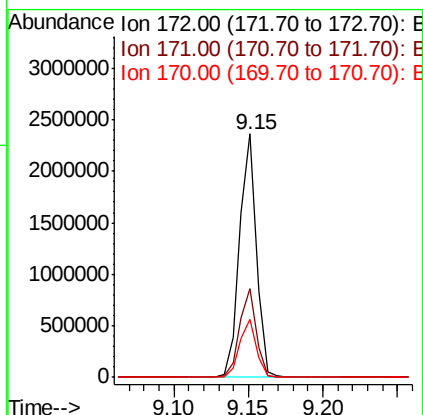
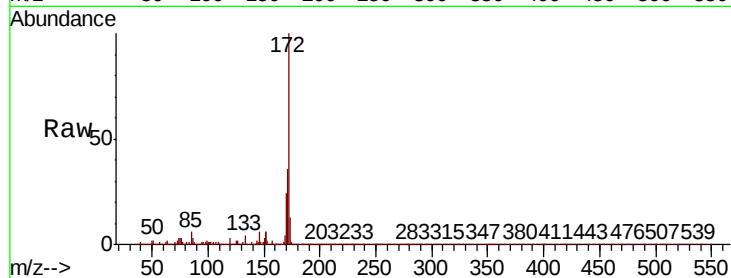




#45
2-Fluorobiphenyl
Concen: 66.790 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000325.D
Acq: 19 Sep 2019 13:17

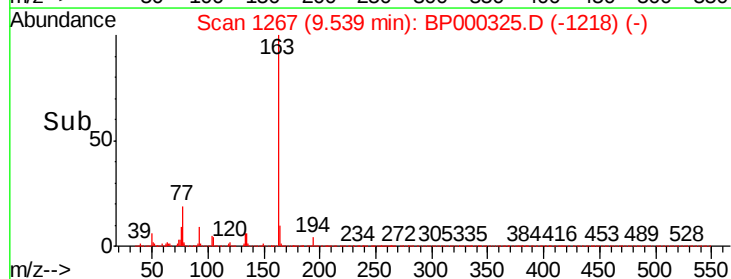
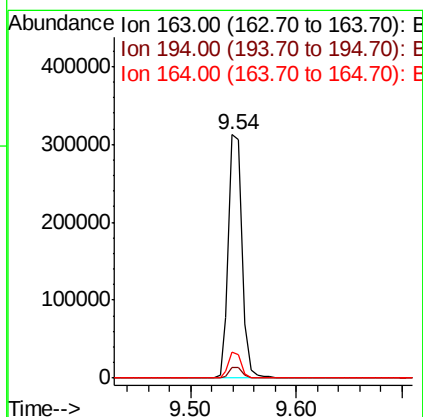
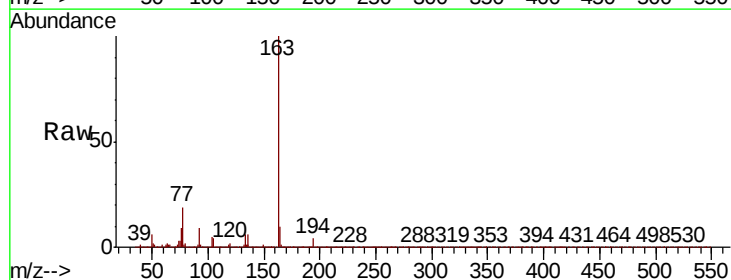
Instrument :
BNA_P
ClientSampleId :
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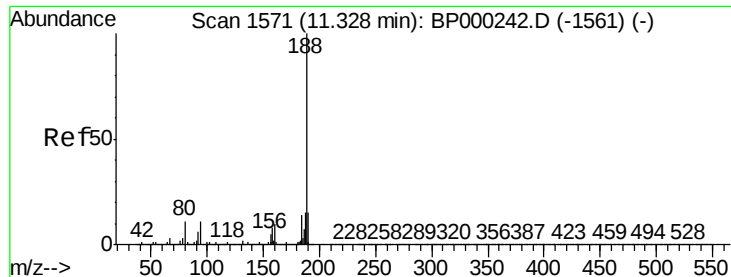
Tot Ion:172 Resp: 1877176
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 24.0 19.8 29.6



#50
Dimethylphthalate
Concen: 8.143 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP000325.D
Acq: 19 Sep 2019 13:17

Tgt Ion:163 Resp: 280633
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.4 8.5 12.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

Instrument :

BNA_P

ClientSampleId :

MG-EAST-SOIL

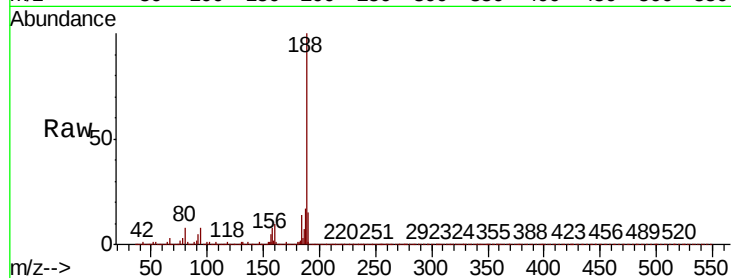
Tot Ion:188 Resp: 1001469

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

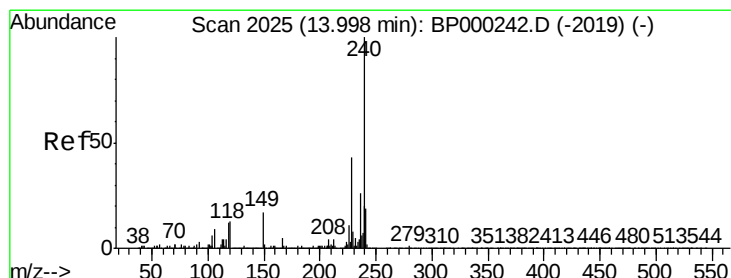
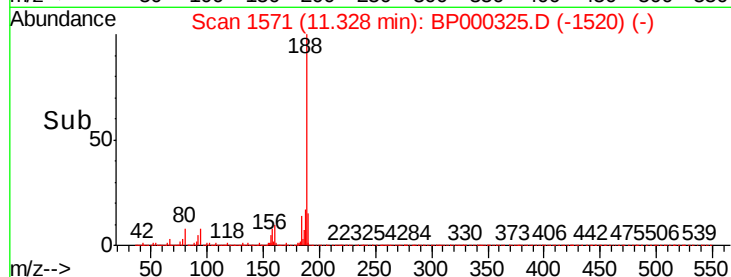
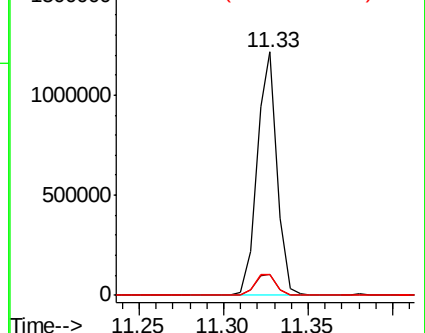
80 8.4 8.6 13.0#



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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000325.D

Acq: 19 Sep 2019 13:17

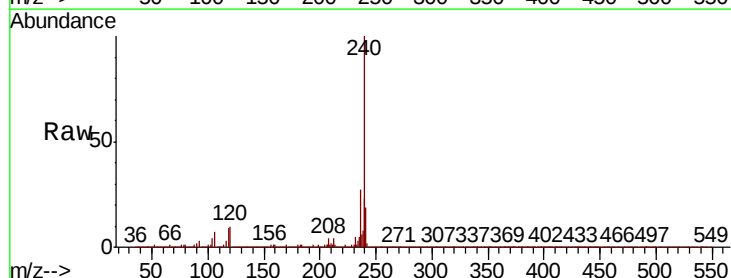
Tgt Ion:240 Resp: 884104

Ion Ratio Lower Upper

240 100

120 10.0 10.4 15.6#

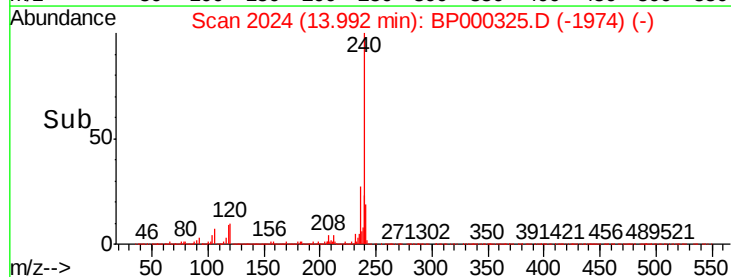
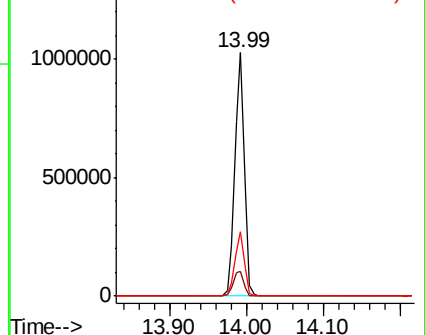
236 26.6 21.0 31.6

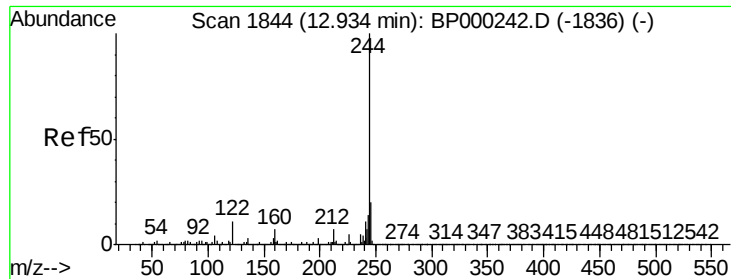


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



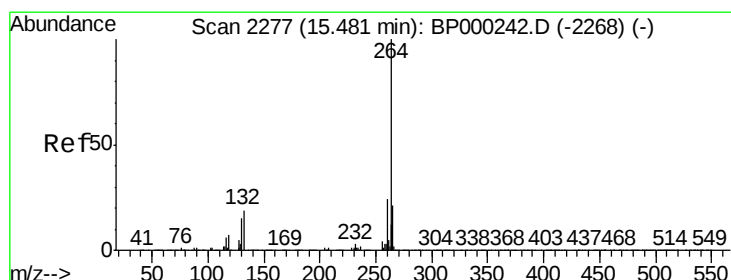
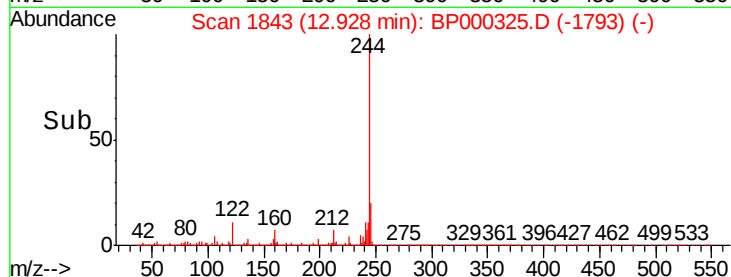
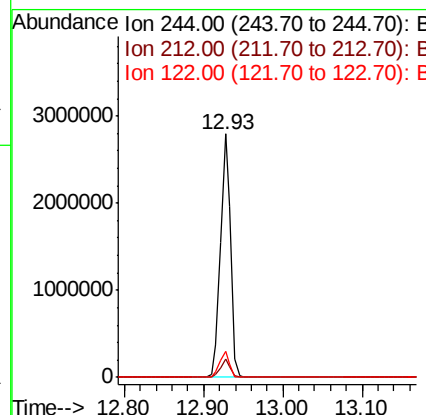
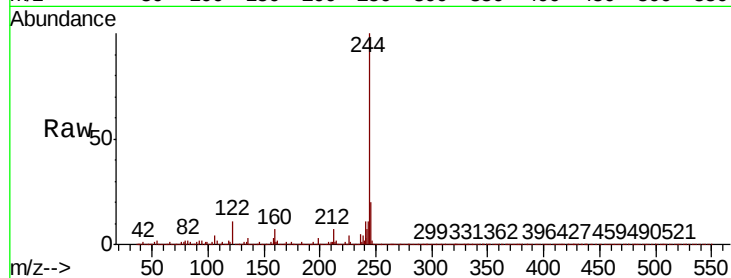


#79
 Terphenyl-d14
 Concen: 58.274 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000325.D
 Acq: 19 Sep 2019 13:17

Instrument :
 BNA_P
 ClientSampleId :
 MG-EAST-SOIL

Tot Ion:244 Resp: 2455863

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.6	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BP000325.D
 Acq: 19 Sep 2019 13:17

Tgt Ion:264 Resp: 924282

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	21.4	17.2	25.8

