

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000298.D
 Acq On : 18 Sep 2019 15:37
 Operator : HP/JU
 Sample : K4938-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MG-GAS-BOTTOM-SOIL

Quant Time: Sep 19 03:57:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

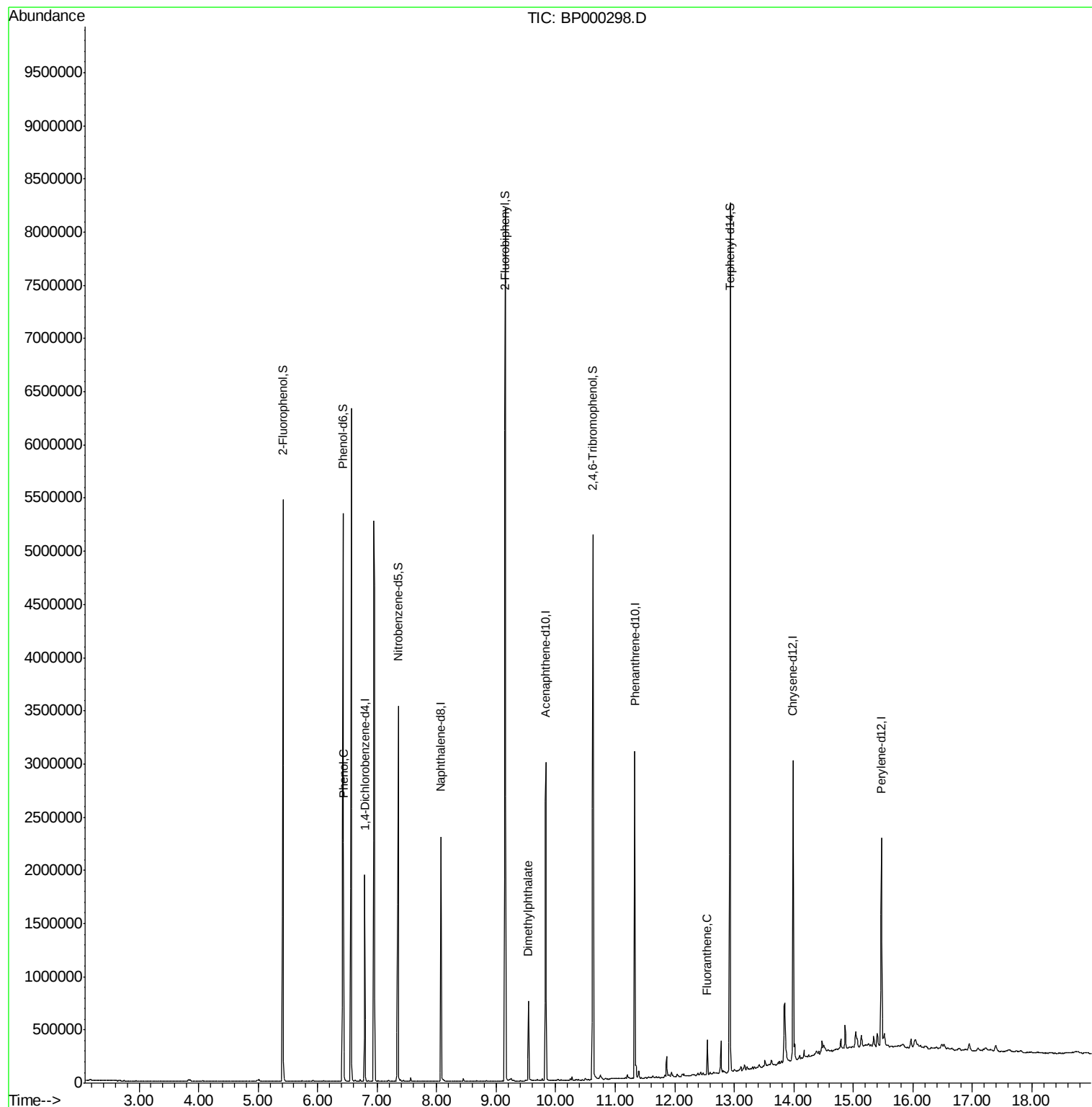
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	304189	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1103675	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	606586	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1097984	20.00	ng	0.00
76) Chrysene-d12	13.99	240	891552	20.00	ng	-0.01
87) Perylene-d12	15.47	264	950080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1727284	98.03	ng	0.01
7) Phenol-d6	6.43	99	2177896	100.83	ng	0.00
23) Nitrobenzene-d5	7.35	82	1253804	73.30	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	722479	120.08	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2436890	72.31	ng	0.00
79) Terphenyl-d14	12.93	244	2706019	63.67	ng	0.00
Target Compounds						
10) Phenol	6.44	94	63926	2.605	ng	96
50) Dimethylphthalate	9.55	163	321305	7.775	ng	98
75) Fluoranthene	12.55	202	122596	2.075	ng	98

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

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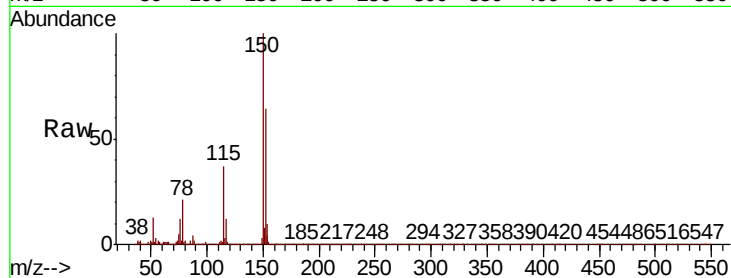


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Instrument :
BNA_P
ClientSampleId :
MG-GAS-BOTTOM-SOIL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	125.2	187.8
115	57.6	49.7	74.5

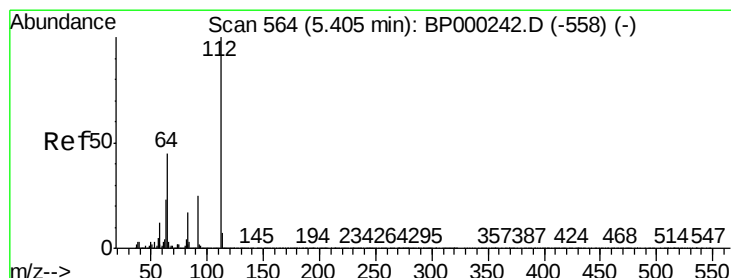
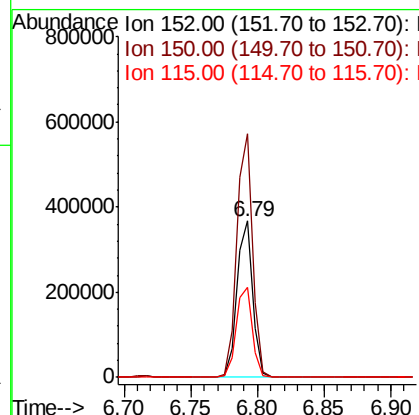
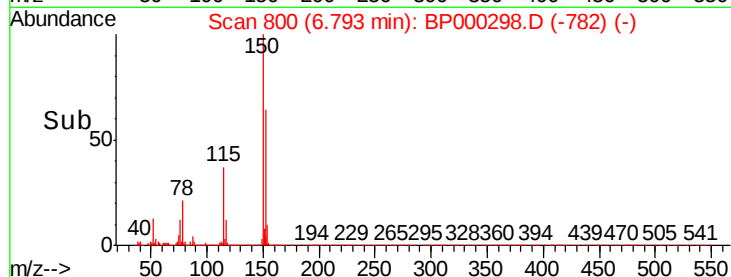


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

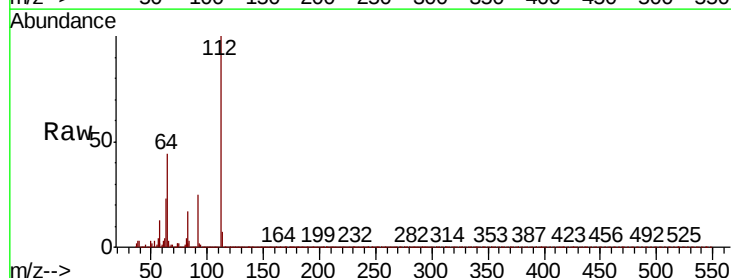
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 98.028 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.8	36.2	54.4
63	22.8	18.3	27.5

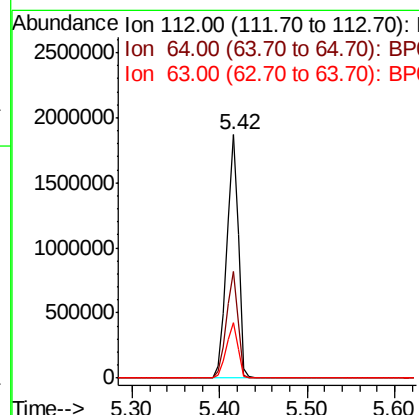
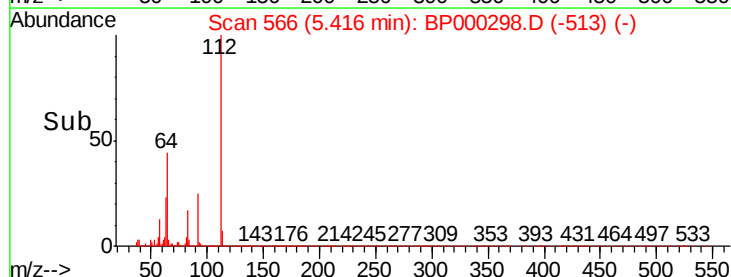


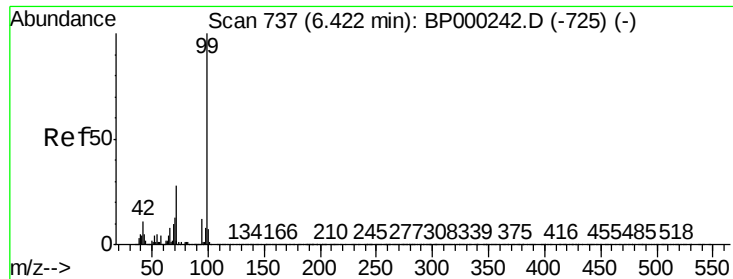
Abundance

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: 100.834 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000298.D

Acq: 18 Sep 2019 15:37

Instrument :

BNA_P

ClientSampleId :

MG-GAS-BOTTOM-SOIL

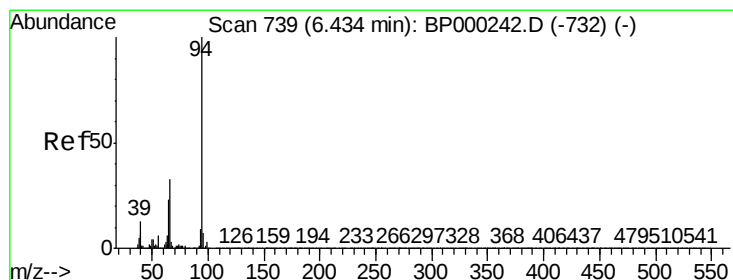
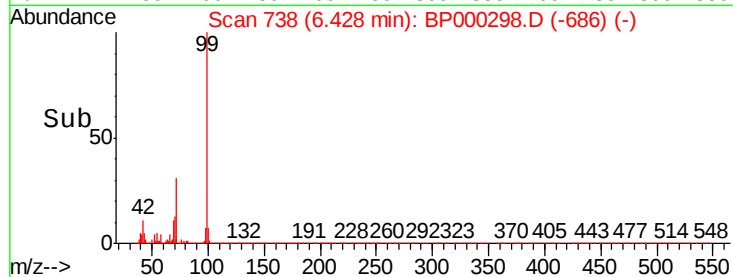
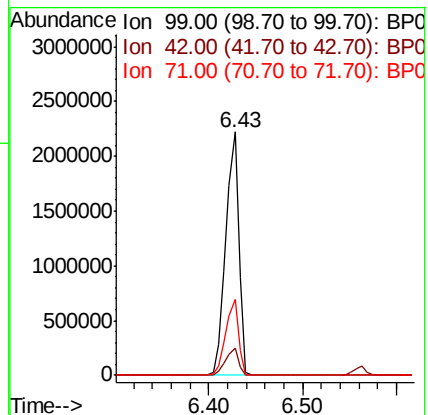
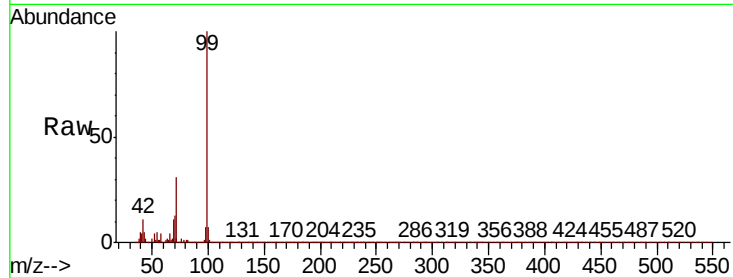
Tot Ion: 99 Resp: 2177896

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

71 31.1 22.6 34.0



#10

Phenol

Concen: 2.605 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000298.D

Acq: 18 Sep 2019 15:37

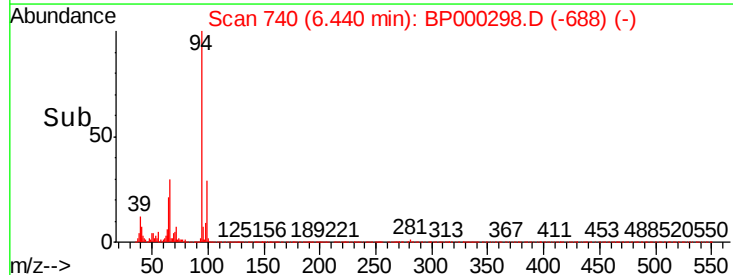
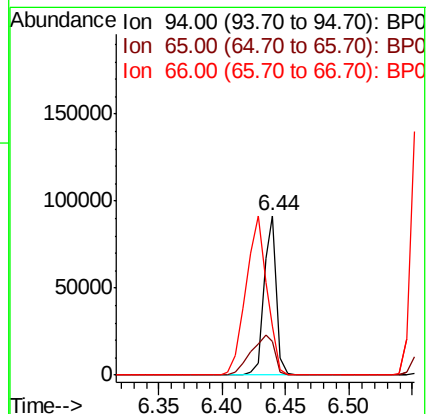
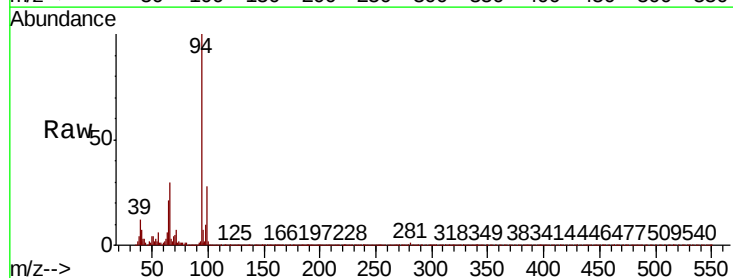
Tgt Ion: 94 Resp: 63926

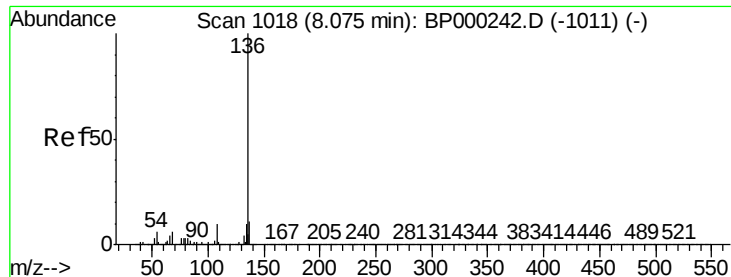
Ion Ratio Lower Upper

94 100

65 21.1 3.3 43.3

66 30.5 12.7 52.7

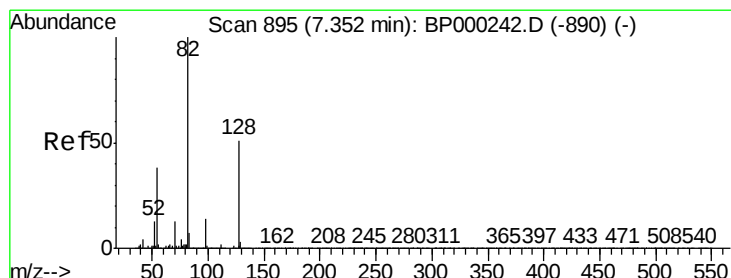
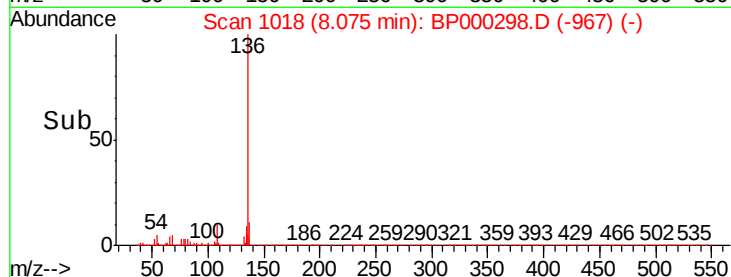
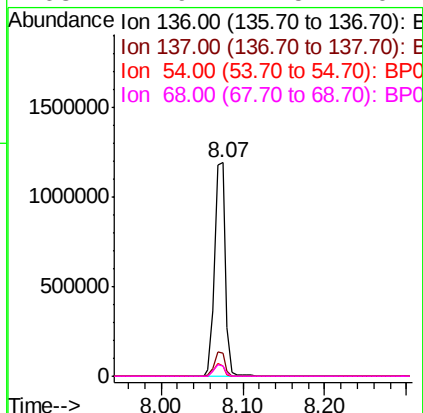
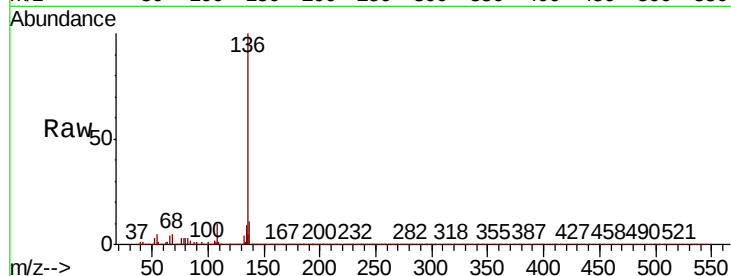




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

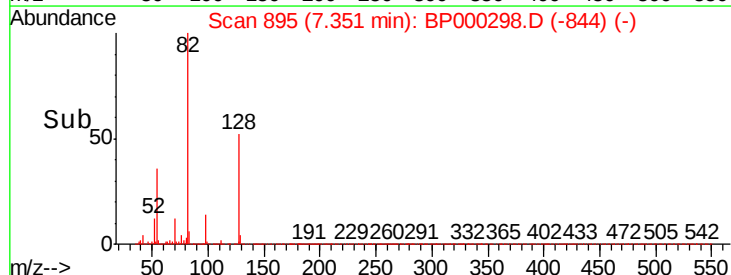
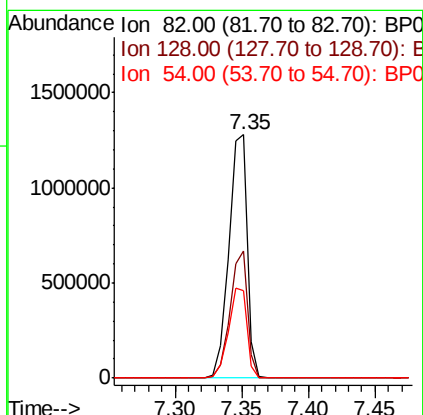
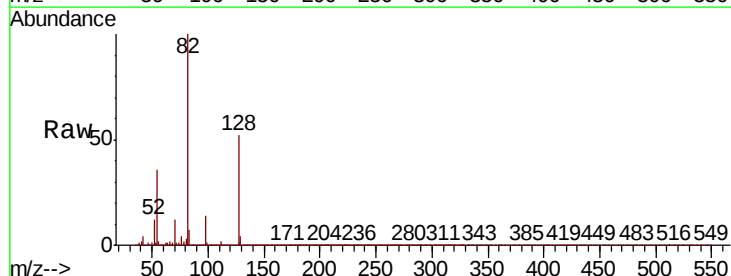
Instrument :
BNA_P
ClientSampleId :
MG-GAS-BOTTOM-SOIL

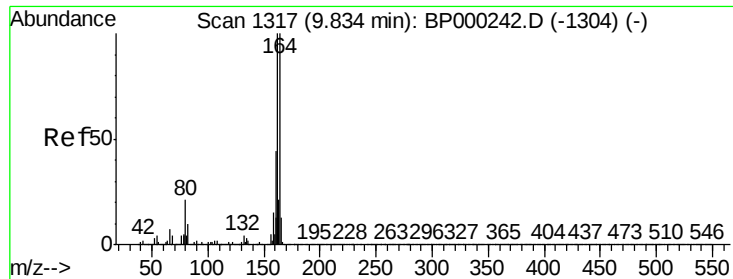
Tot Ion:136	Resp: 1103675
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 4.9	4.5 6.7
68 4.9	4.5 6.7



#23
Nitrobenzene-d5
Concen: 73.296 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion: 82	Resp: 1253804
Ion Ratio	Lower Upper
82 100	
128 52.4	40.7 61.1
54 35.8	30.1 45.1

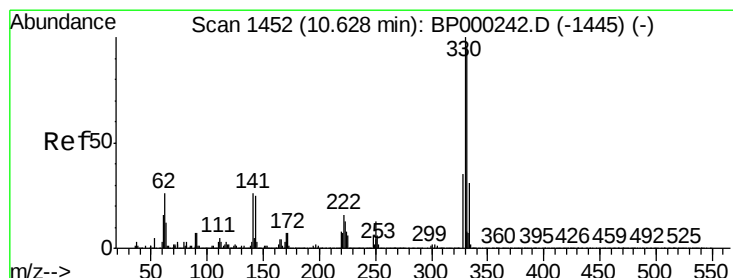
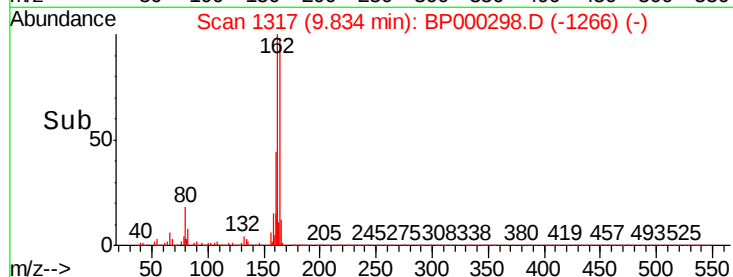
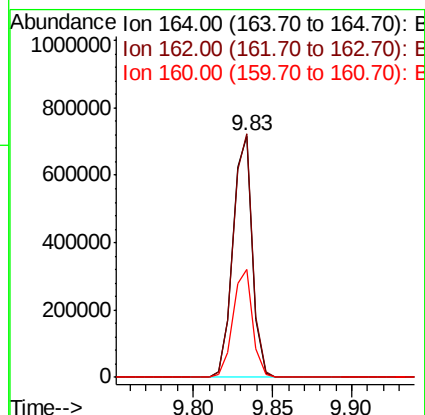
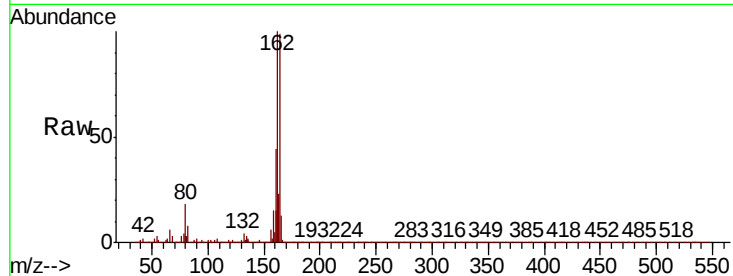




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

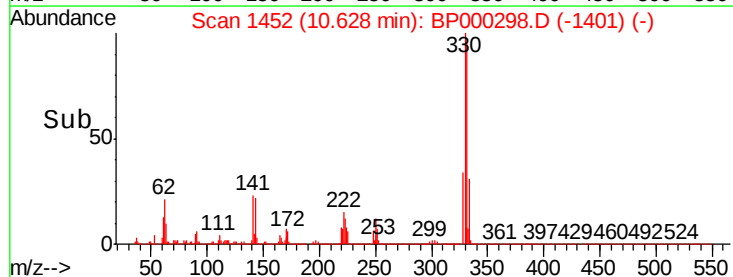
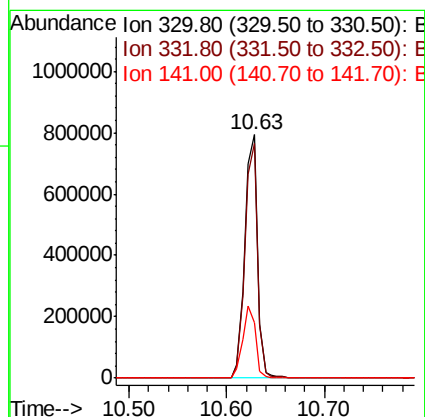
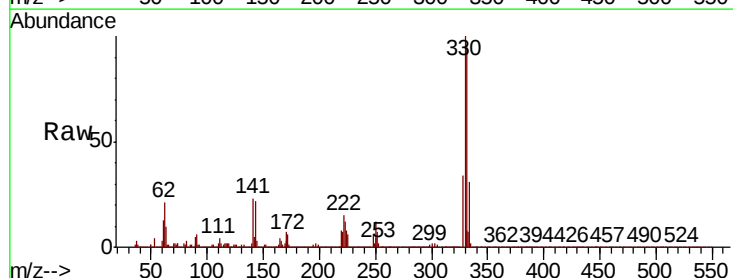
Instrument :
BNA_P
ClientSampleId :
MG-GAS-BOTTOM-SOIL

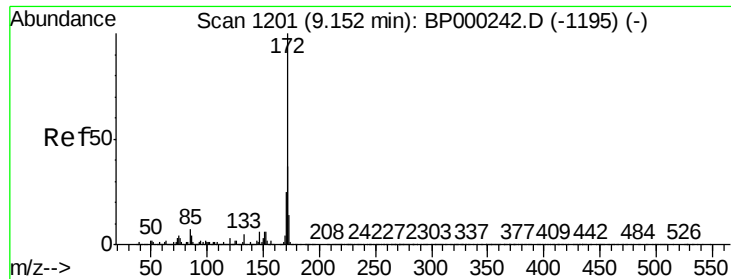
Tot Ion:164 Resp: 606586
Ion Ratio Lower Upper
164 100
162 100.8 79.9 119.9
160 44.7 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 120.083 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion:330 Resp: 722479
Ion Ratio Lower Upper
330 100
332 96.3 76.6 115.0
141 30.2 26.5 39.7

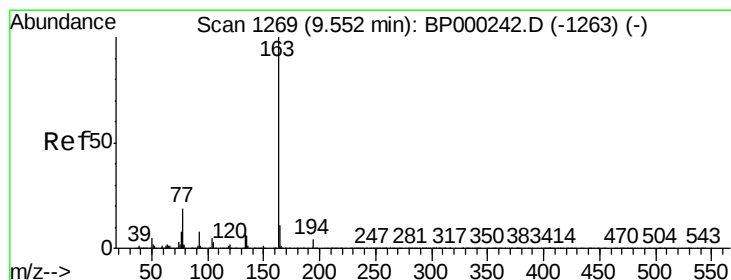
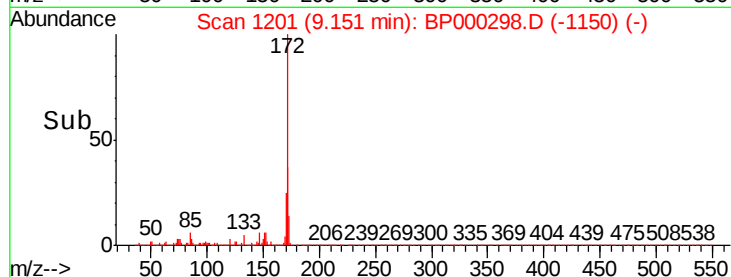
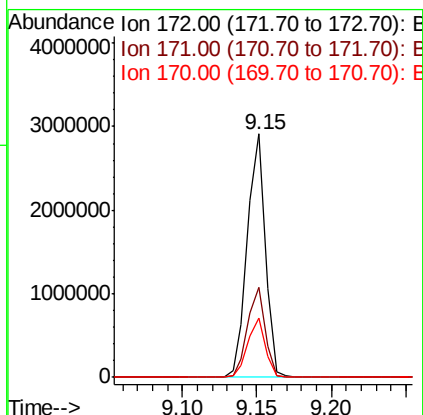
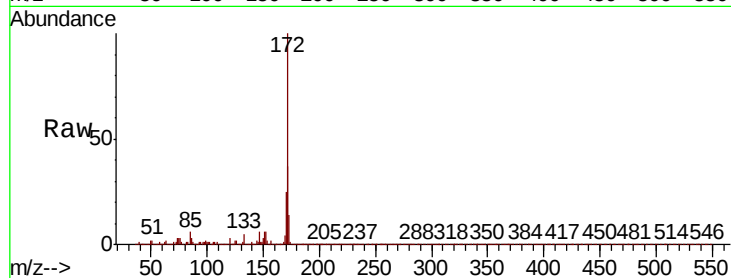




#45
2-Fluorobiphenyl
Concen: 72.305 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

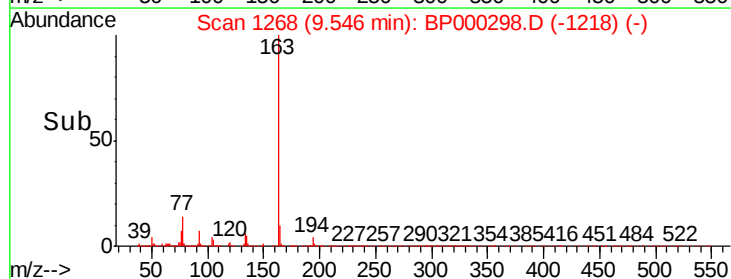
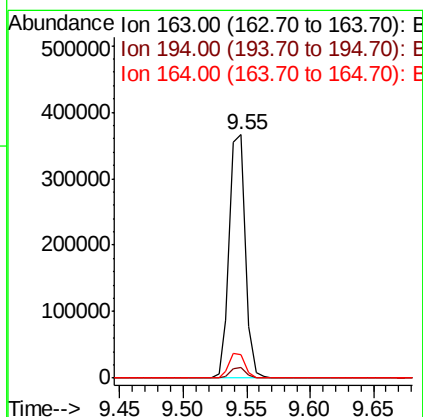
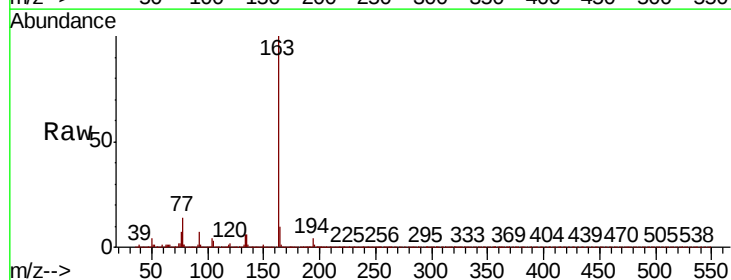
Instrument :
BNA_P
ClientSampleId :
MG-GAS-BOTTOM-SOIL

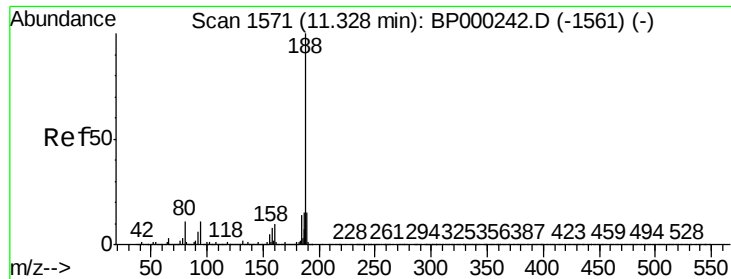
Tot Ion:172 Resp: 2436890
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.6 19.8 29.6



#50
Dimethylphthalate
Concen: 7.775 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion:163 Resp: 321305
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 9.8 8.5 12.7

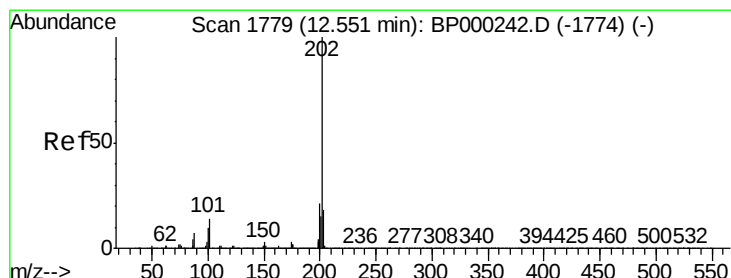
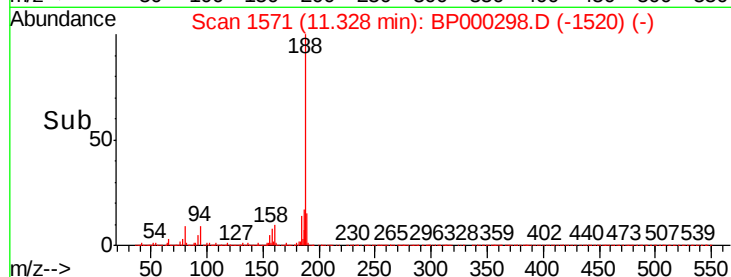
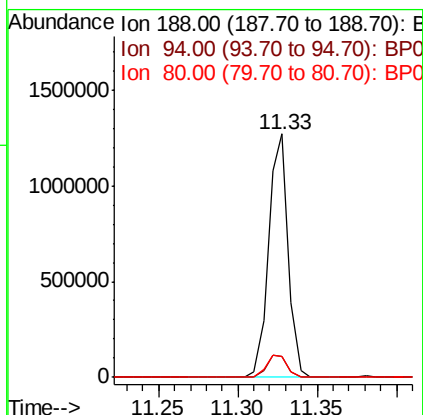
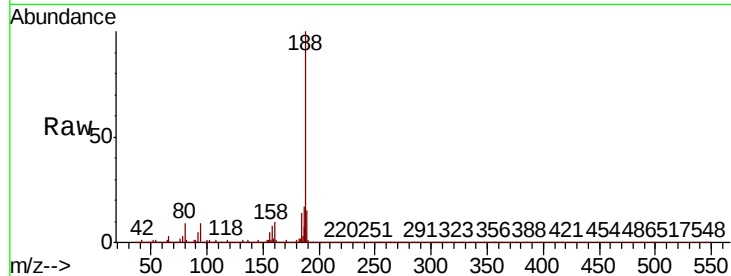




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

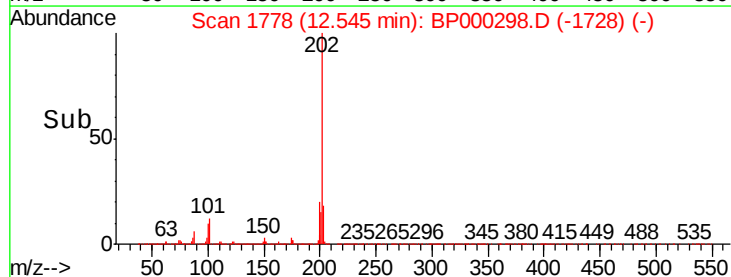
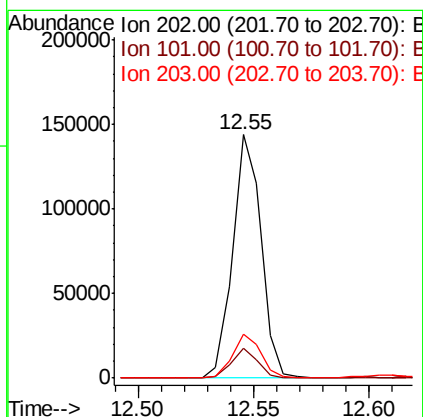
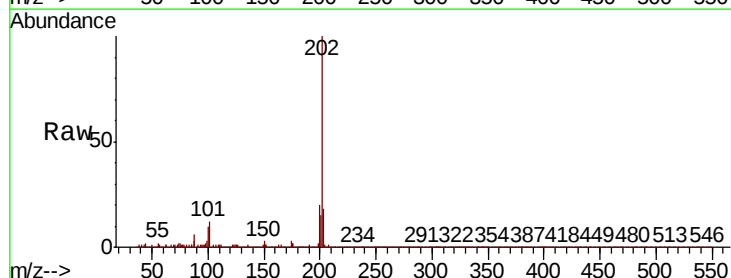
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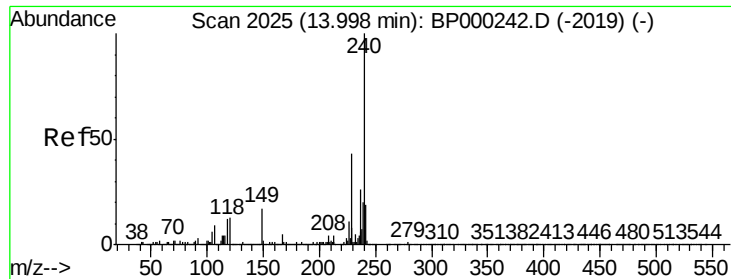
Tot Ion:188 Resp: 1097984
Ion Ratio Lower Upper
188 100
94 8.6 8.5 12.7
80 8.7 8.6 13.0



#75
Fluoranthene
Concen: 2.075 ng
RT: 12.55 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Tgt Ion:202 Resp: 122596
Ion Ratio Lower Upper
202 100
101 12.5 0.0 33.9
203 17.9 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BP000298.D

Acq: 18 Sep 2019 15:37

Instrument :

BNA_P

ClientSampleId :

MG-GAS-BOTTOM-SOIL

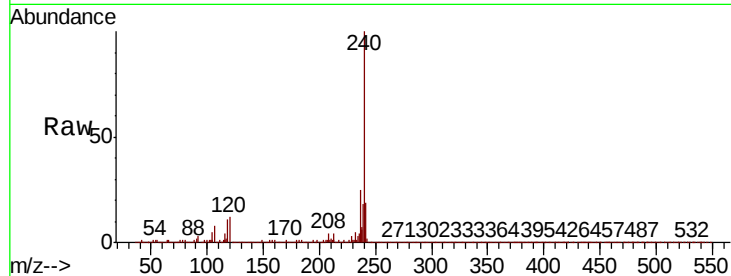
Tot Ion:240 Resp: 891552

Ion Ratio Lower Upper

240 100

120 11.7 10.4 15.6

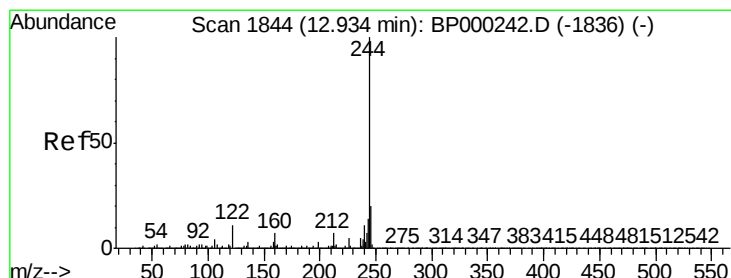
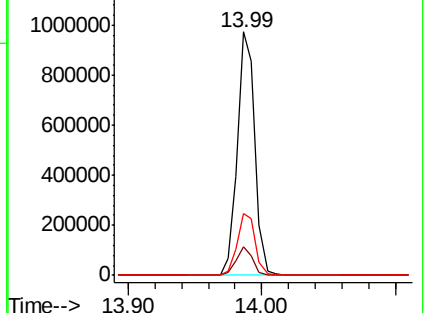
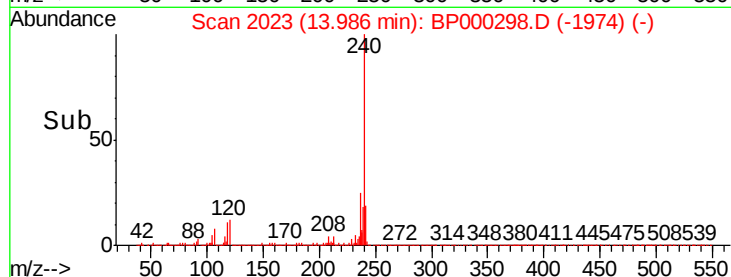
236 25.5 21.0 31.6



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: 63.673 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000298.D

Acq: 18 Sep 2019 15:37

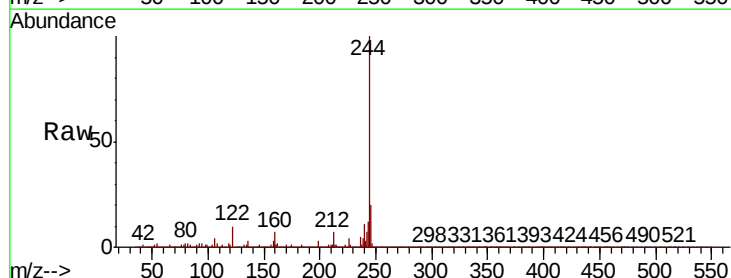
Tgt Ion:244 Resp: 2706019

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

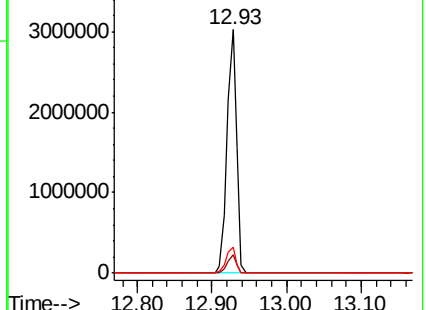
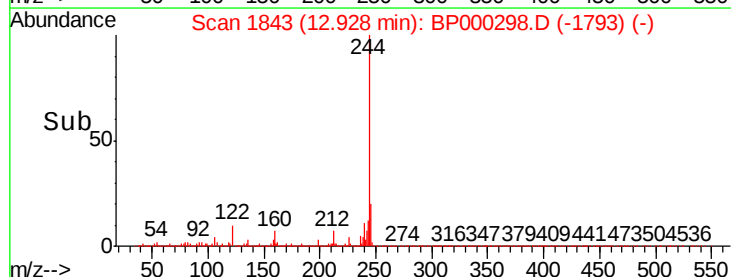
122 10.4 9.0 13.4

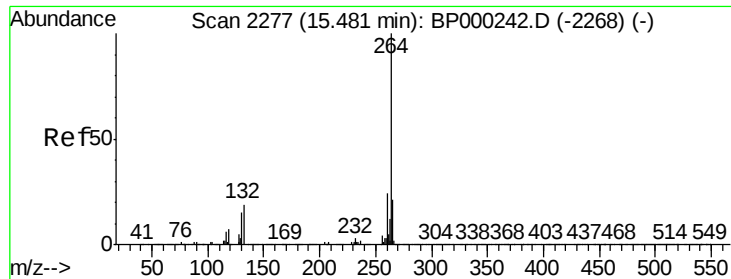


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000298.D
Acq: 18 Sep 2019 15:37

Instrument :
BNA_P
ClientSampleId :
MG-GAS-BOTTOM-SOIL

Tot Ion:	264	Resp:	950080
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.9	28.3
265	21.2	17.2	25.8

