

Data File : BP000072.D
Acq On : 04 Sep 2019 17:29
Operator : HP/JU
Sample : K4639-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-02

Quant Time: Sep 05 05:54:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 17:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	492118	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1795587	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	988377	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1804714	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1494244	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1612229	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3225987	104.53	ng	0.00
7) Phenol-d6	6.51	99	3519843	90.35	ng	0.00
23) Nitrobenzene-d5	7.45	82	3358219	114.76	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1643305	197.25	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	6316250	106.72	ng	0.00
79) Terphenyl-d14	13.04	244	7326443	106.87	ng	0.00

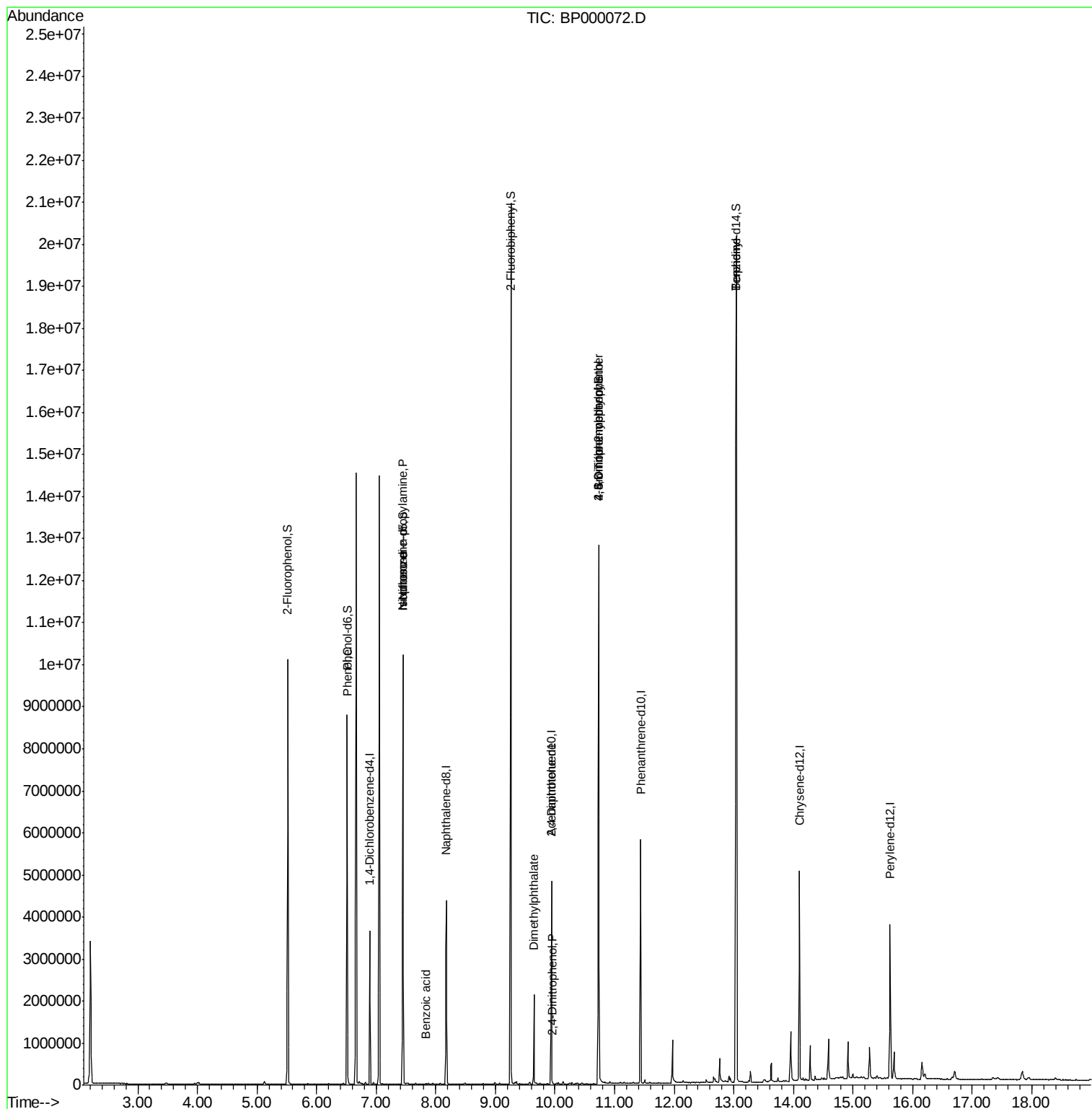
Target Compounds				Qvalue		
10) Phenol	6.52	94	87393	2.019	ng	91
19) n-Nitroso-di-n-propylamine	7.45	70	429131	19.354	ng	# 76
25) Isophorone	7.45	82	3358257	54.313	ng	# 66
32) Benzoic acid	7.83	122	3177	8.220	ng	93
50) Dimethylphthalate	9.65	163	741455	11.009	ng	99
54) 2,4-Dinitrophenol	9.96	184	32	8.654	ng	# 13
57) 2,4-Dinitrotoluene	9.93	165	128685	7.051	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.73	198	5959	8.444	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	119549	6.518	ng	# 1
69) Atrazine	11.12	200	112	Below Cal		# 31
77) Benzidine	13.04	184	126731	2.458	ng	# 94

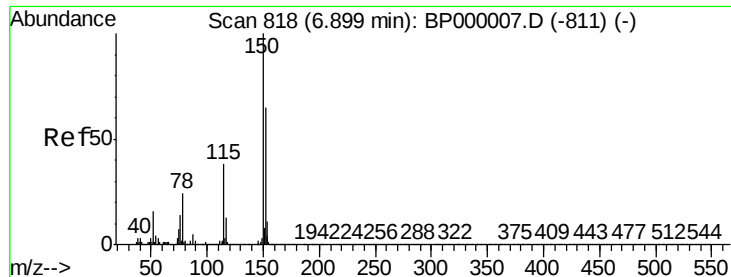
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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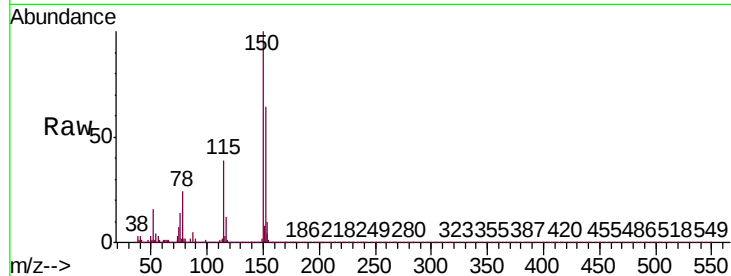


#1

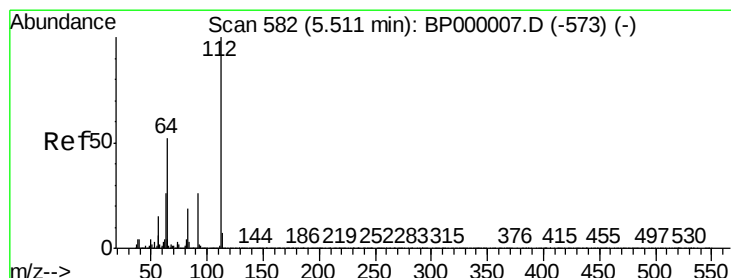
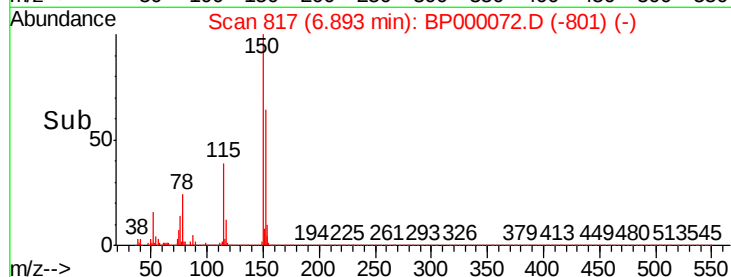
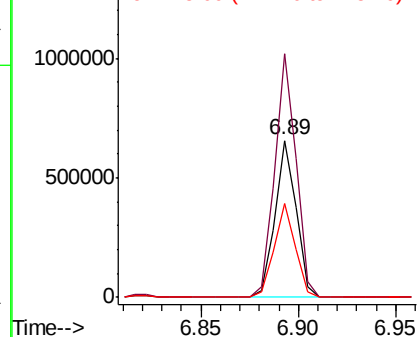
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000072.D
Acq: 04 Sep 2019 17:29

Instrument :
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ClientSampleId :
GW-02

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.0	184.6
115	60.1	46.7	70.1



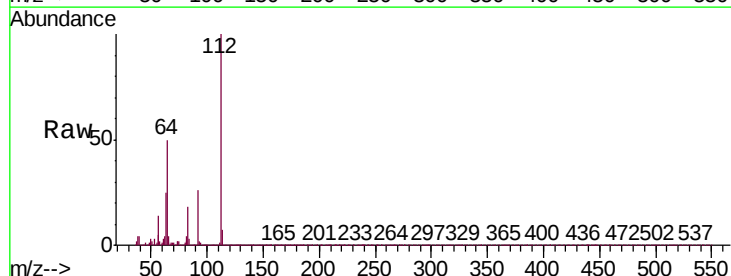
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



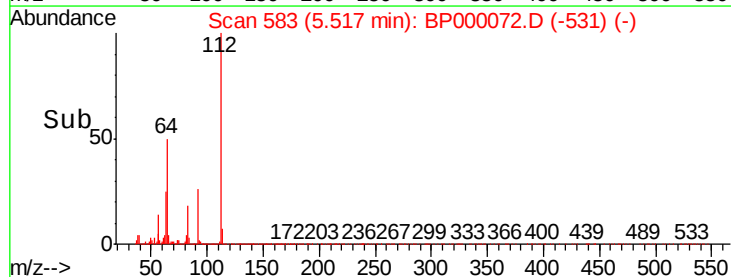
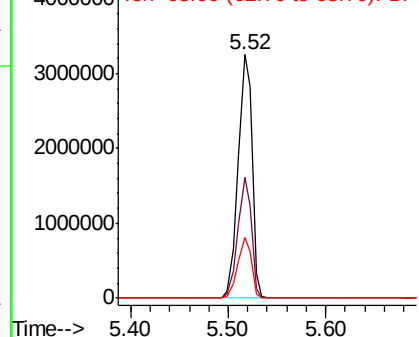
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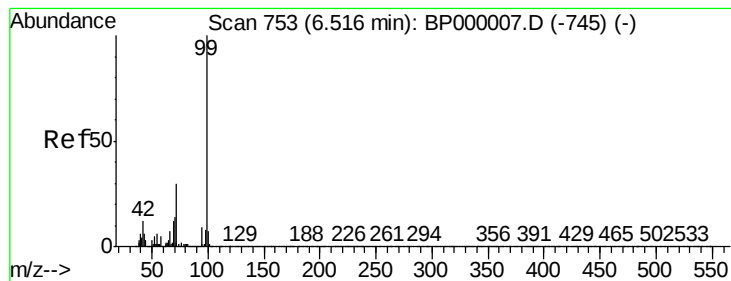
2-Fluorophenol
Concen: 104.532 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000072.D
Acq: 04 Sep 2019 17:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.9	41.8	62.8
63	25.1	21.0	31.4



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: 90.346 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000072.D

Acq: 04 Sep 2019 17:29

Instrument :

BNA_P

ClientSampleId :

GW-02

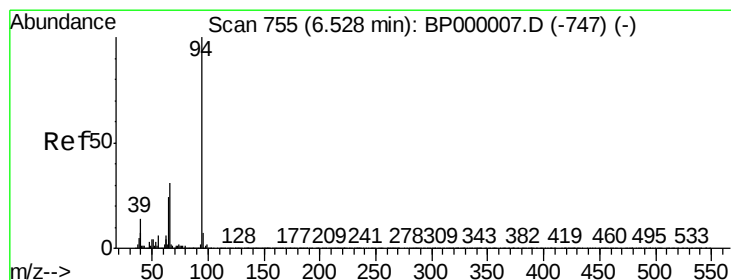
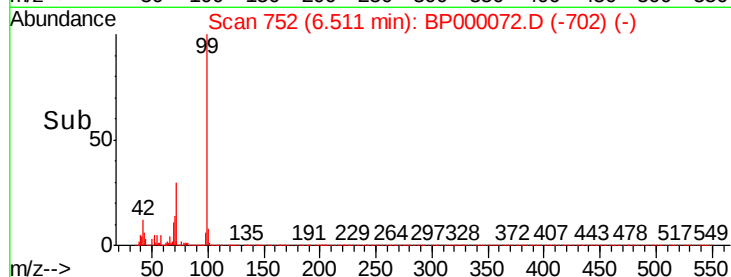
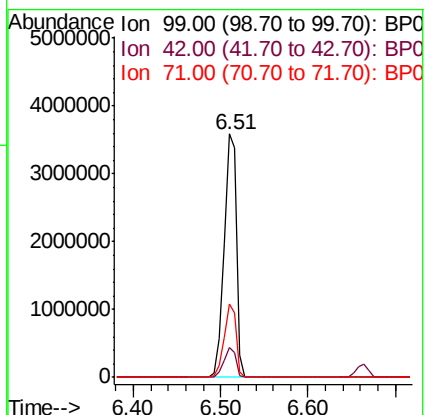
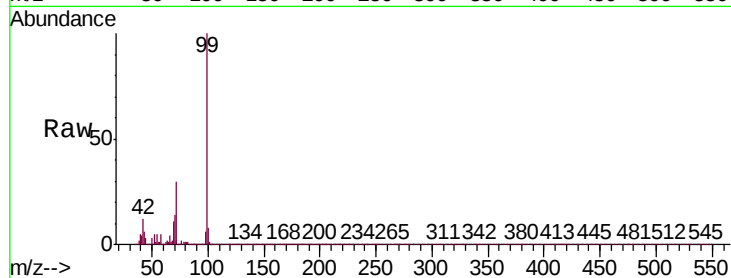
Tgt Ion: 99 Resp: 3519843

Ion Ratio Lower Upper

99 100

42 12.1 9.8 14.8

71 30.2 23.8 35.8



#10

Phenol

Concen: 2.019 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BP000072.D

Acq: 04 Sep 2019 17:29

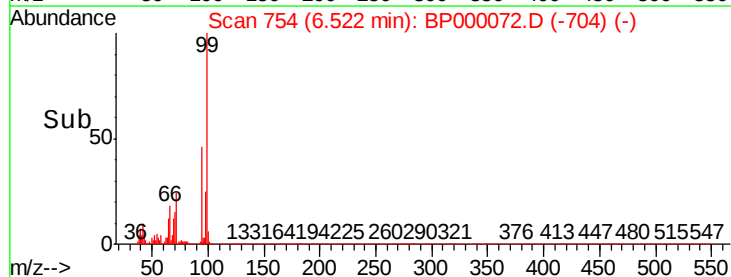
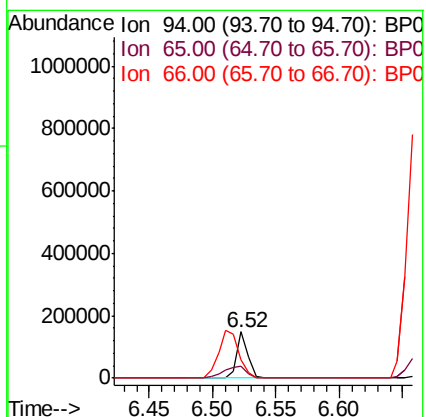
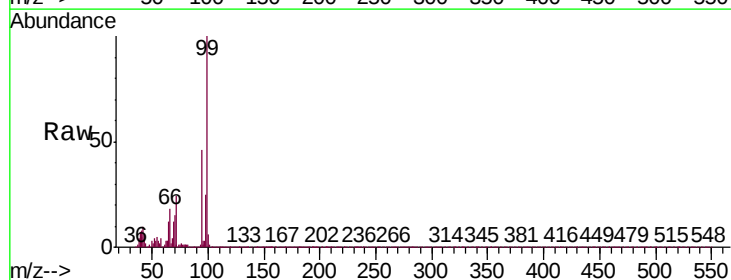
Tgt Ion: 94 Resp: 87393

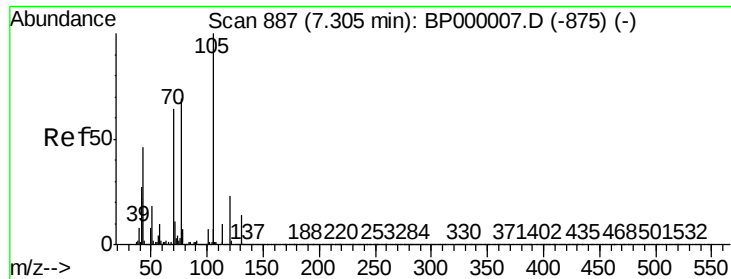
Ion Ratio Lower Upper

94 100

65 25.9 4.1 44.1

66 38.8 11.4 51.4

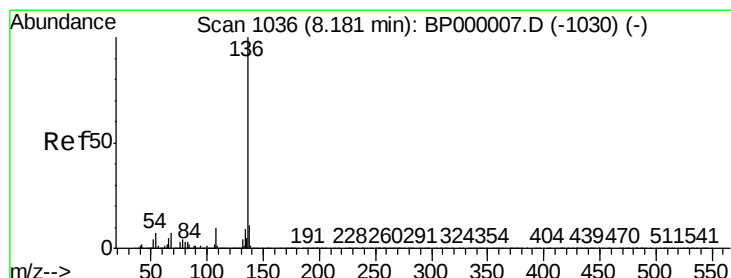
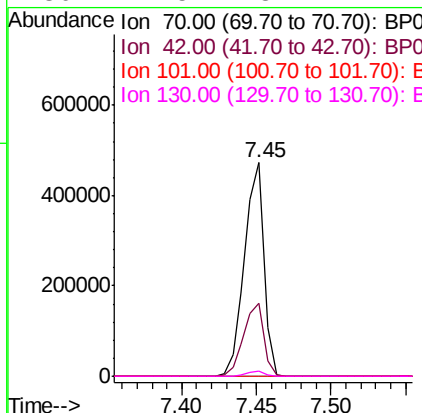
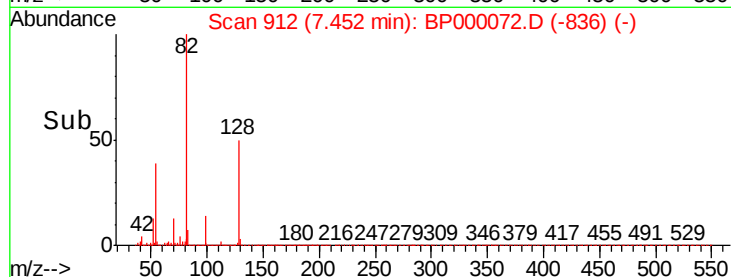
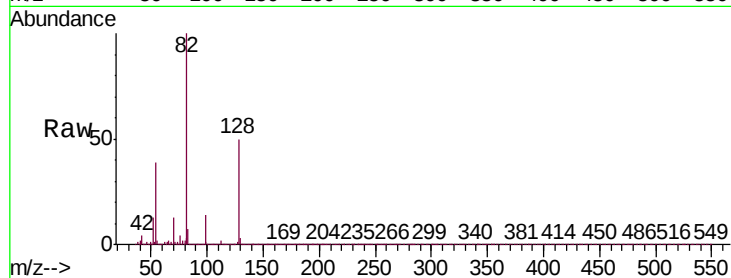




#19
n-Nitroso-di-n-propylamine
Concen: 19.354 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.15 min
Lab File: BP000072.D
Acq: 04 Sep 2019 17:29

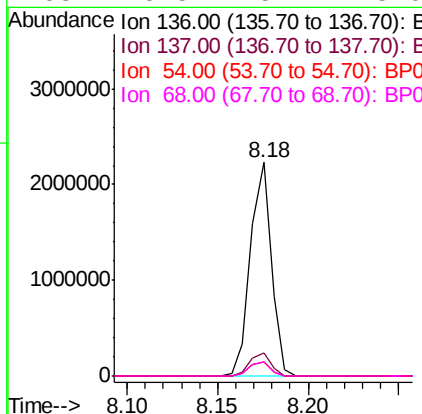
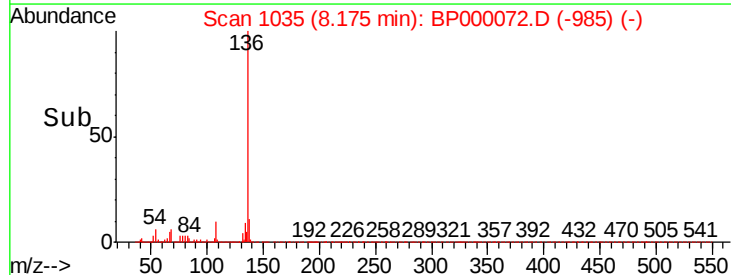
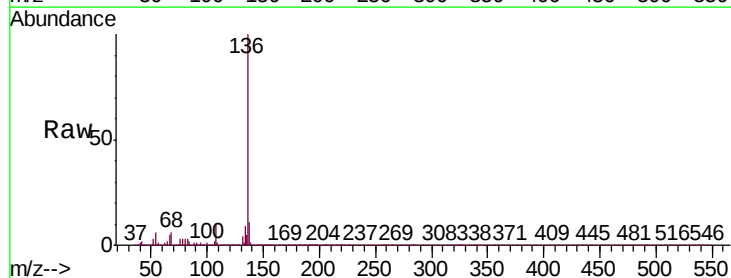
Instrument :
BNA_P
ClientSampleId :
GW-02

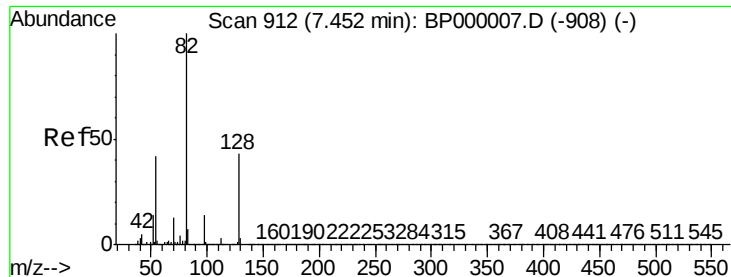
Tgt Ion: 70 Resp: 429131
Ion Ratio Lower Upper
70 100
42 34.1 33.8 50.6
101 0.0 8.7 13.1#
130 2.5 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000072.D
Acq: 04 Sep 2019 17:29

Tgt Ion: 136 Resp: 1795587
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 6.4 5.4 8.2
68 6.5 5.4 8.0

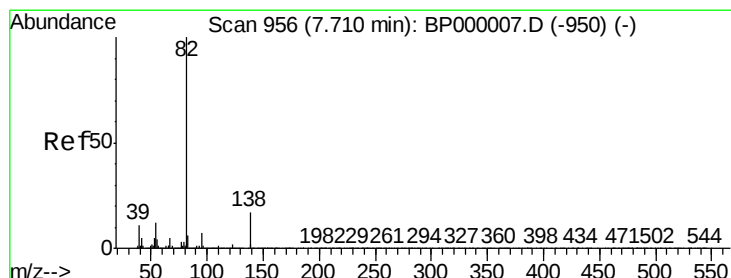
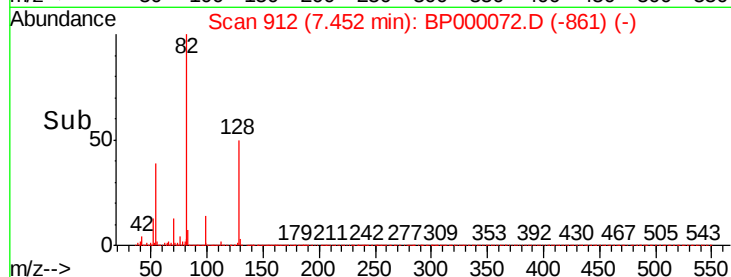
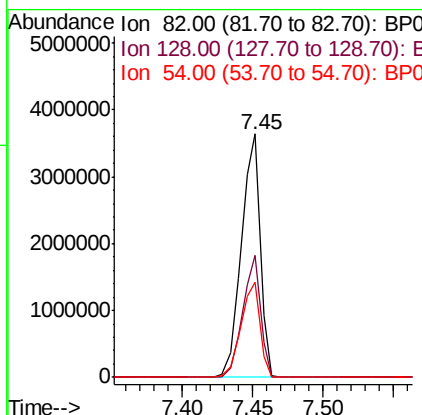
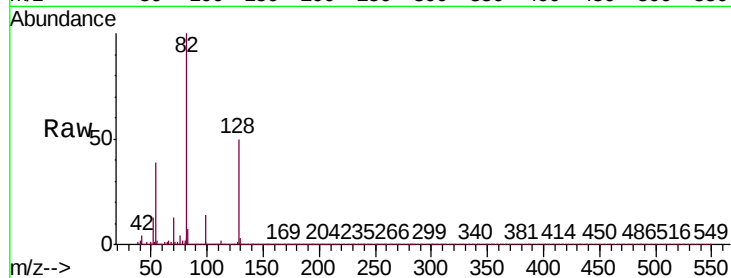




#23
 Nitrobenzene-d5
 Concen: 114.759 ng
 RT: 7.45 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BP000072.D
 Acq: 04 Sep 2019 17:29

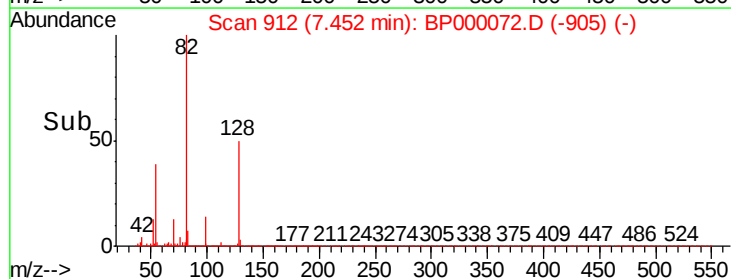
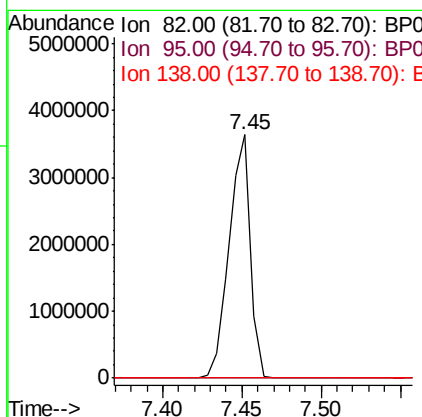
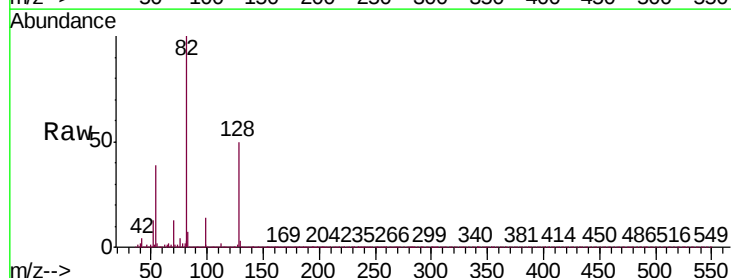
Instrument :
 BNA_P
 ClientSampleID :
 GW-02

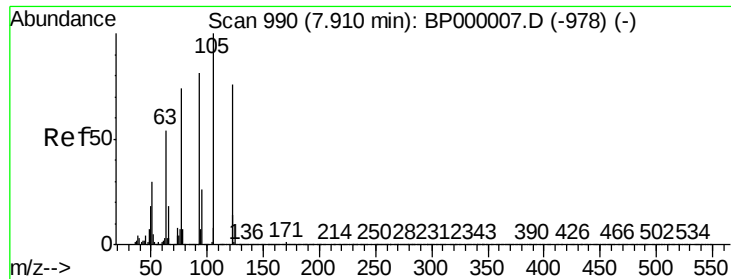
Tgt Ion: 82 Resp: 3358219
 Ion Ratio Lower Upper
 82 100
 128 50.1 34.5 51.7
 54 39.0 33.2 49.8



#25
 Isophorone
 Concen: 54.313 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.26 min
 Lab File: BP000072.D
 Acq: 04 Sep 2019 17:29

Tgt Ion: 82 Resp: 3358257
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 13.8 20.6#

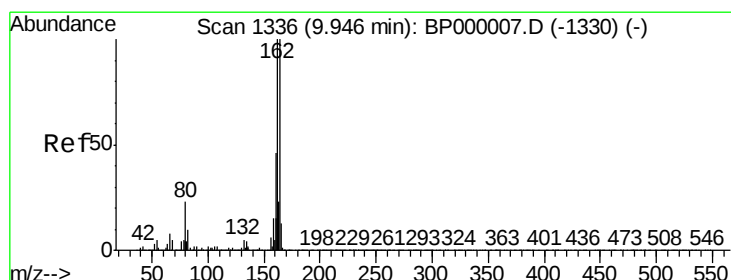
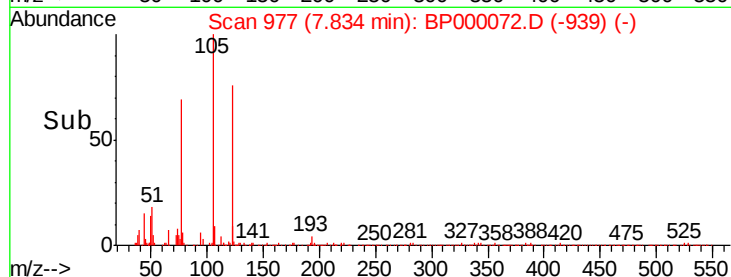
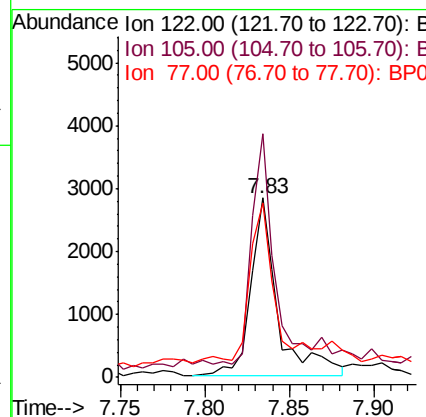
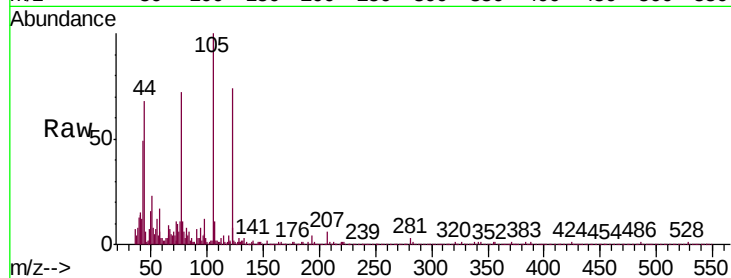




#32
Benzoic acid
Concen: 8.220 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.08 min
Lab File: BP000072.D
Acq: 04 Sep 2019 17:29

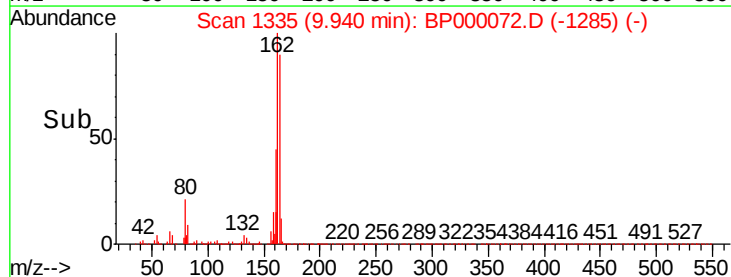
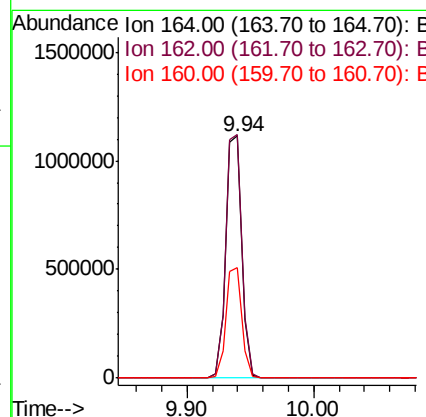
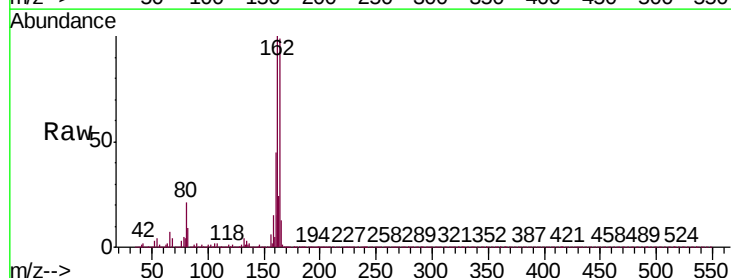
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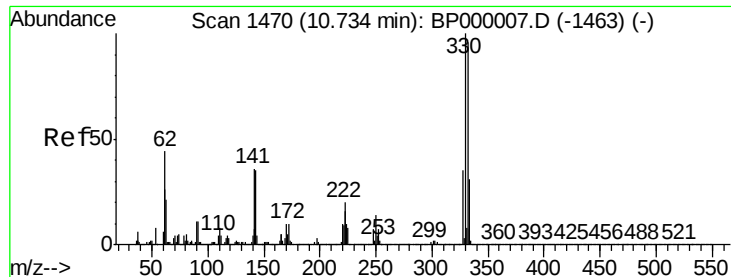
Tgt Ion:122 Resp: 3177
Ion Ratio Lower Upper
122 100
105 135.8 104.6 144.6
77 97.2 74.1 114.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000072.D
Acq: 04 Sep 2019 17:29

Tgt Ion:164 Resp: 988377
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.4
160 45.5 36.6 55.0

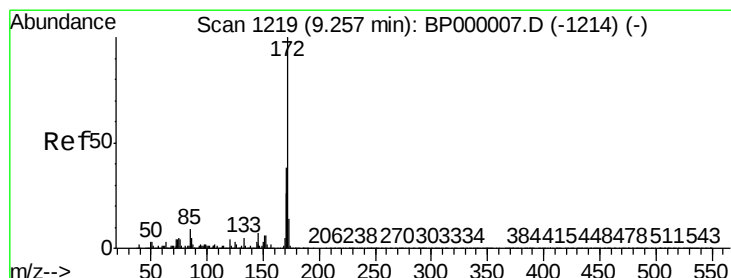
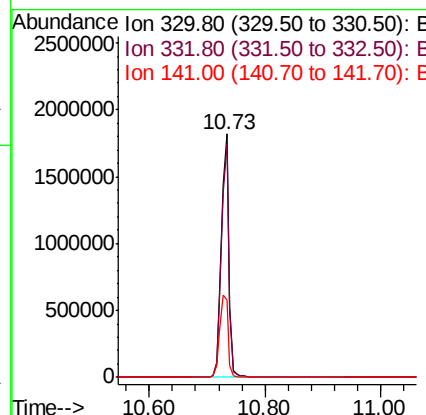
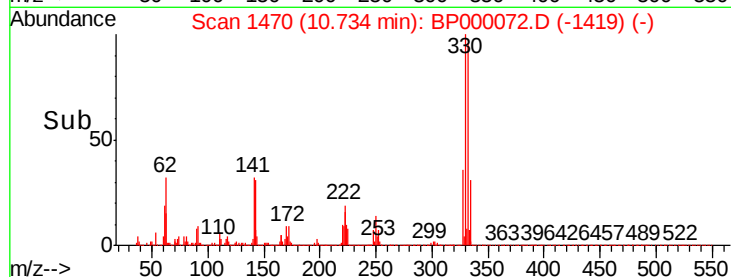
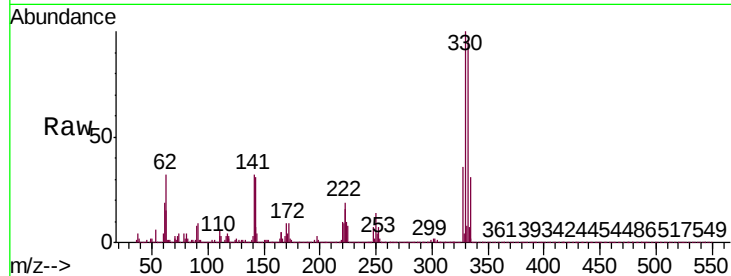




#42
 2,4,6-Tribromophenol
 Concen: 197.251 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BP000072.D
 Acq: 04 Sep 2019 17:29

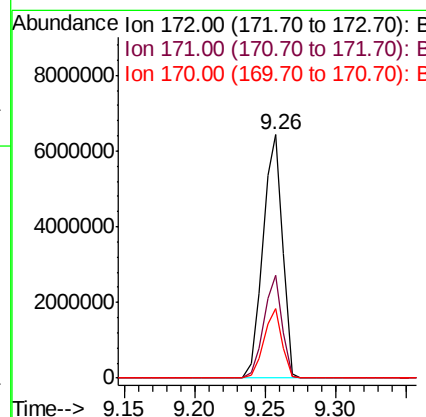
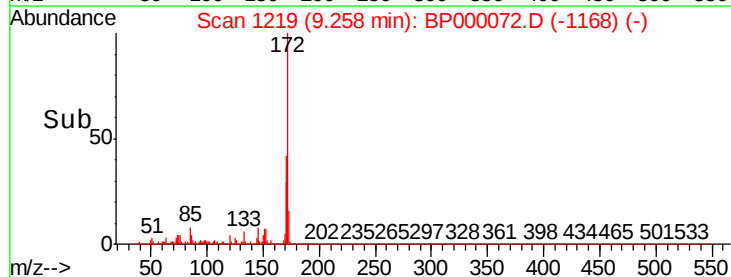
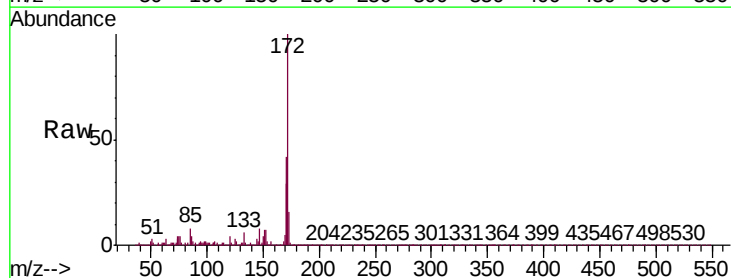
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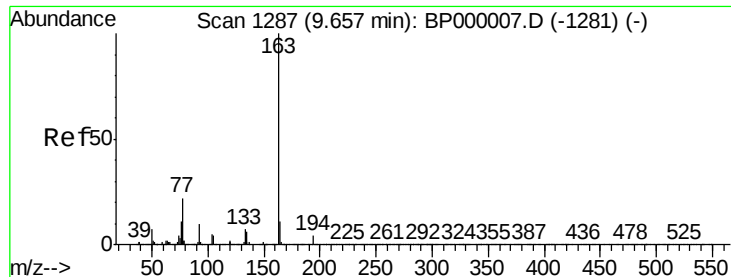
Tgt Ion:330 Resp: 1643305
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 37.9 33.6 50.4



#45
 2-Fluorobiphenyl
 Concen: 106.722 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BP000072.D
 Acq: 04 Sep 2019 17:29

Tgt Ion:172 Resp: 6316250
 Ion Ratio Lower Upper
 172 100
 171 42.4 30.7 46.1
 170 28.8 20.7 31.1

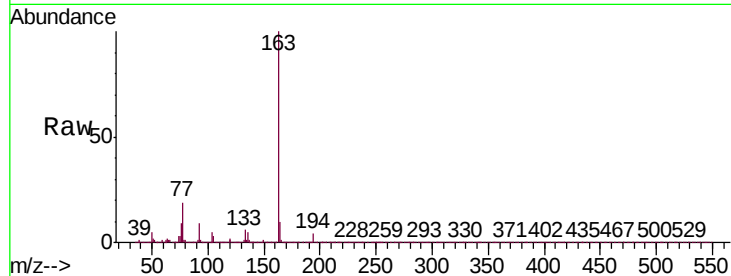




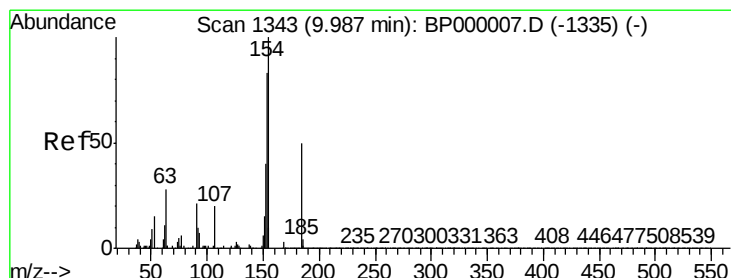
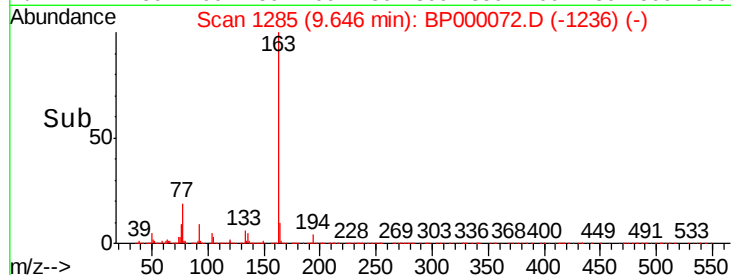
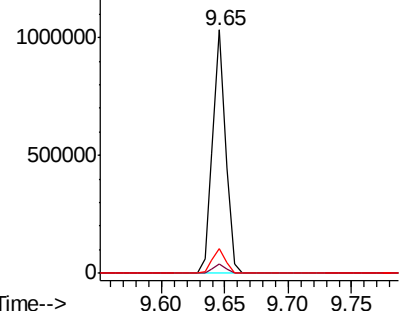
#50
Dimethylphthalate
Concen: 11.009 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000072.D
Acq: 04 Sep 2019 17:29

Instrument :
BNA_P
ClientSampleId :
GW-02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.0	8.4	12.6

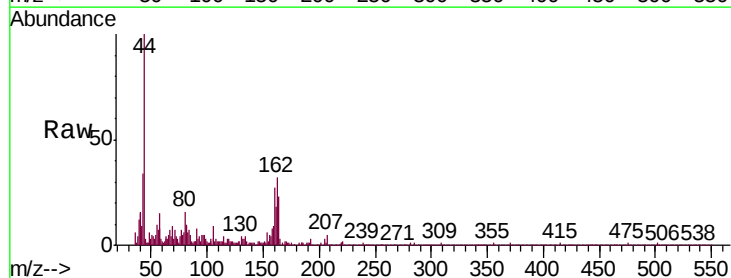


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

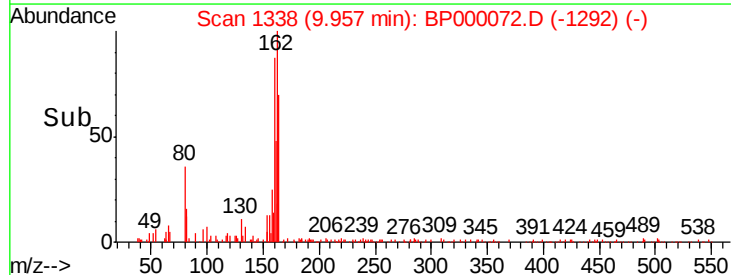
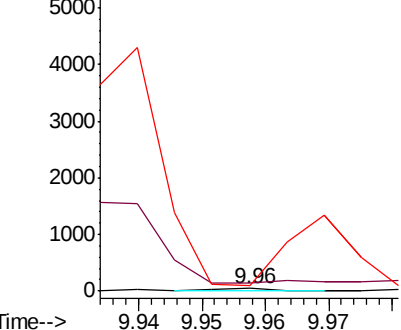


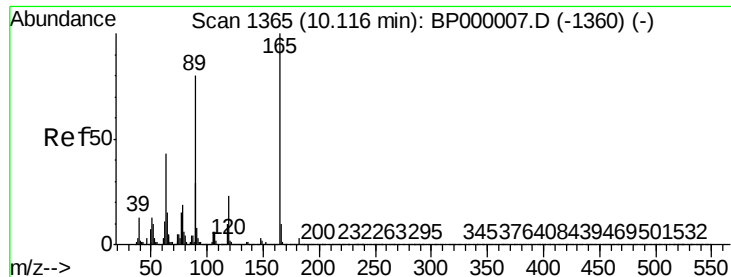
#54
2,4-Dinitrophenol
Concen: 8.654 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.03 min
Lab File: BP000072.D
Acq: 04 Sep 2019 17:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	319.1	46.0	69.0#
154	219.1	161.9	242.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

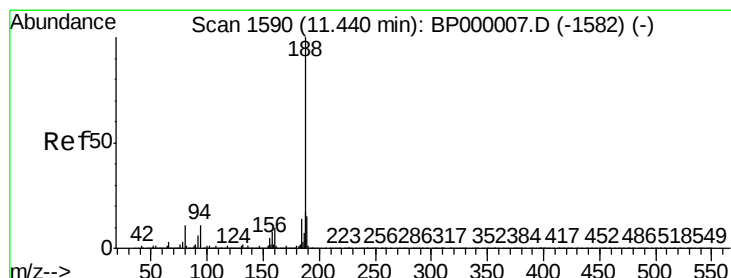
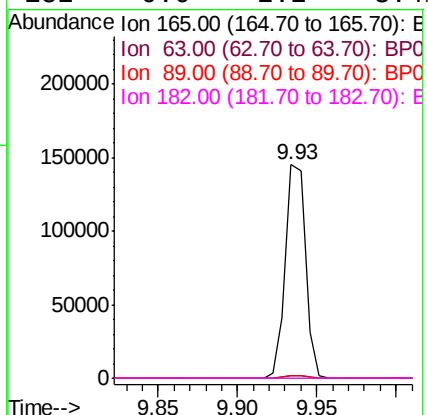
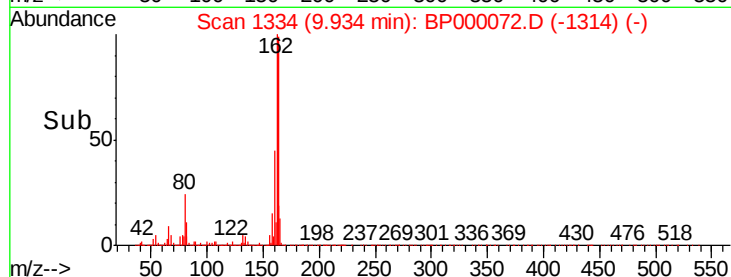
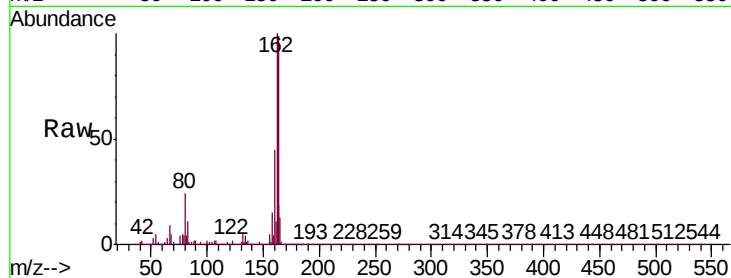




#57
2,4-Dinitrotoluene
Concen: 7.051 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BP000072.D
Acq: 04 Sep 2019 17:29

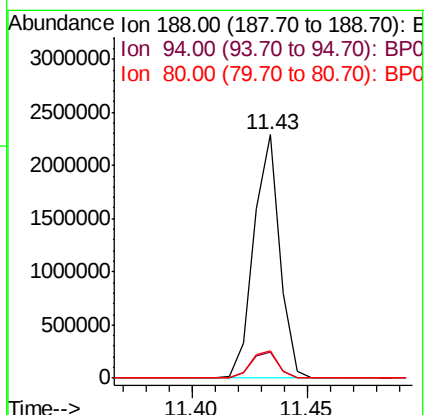
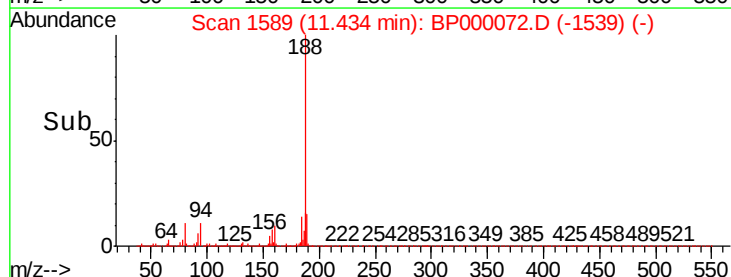
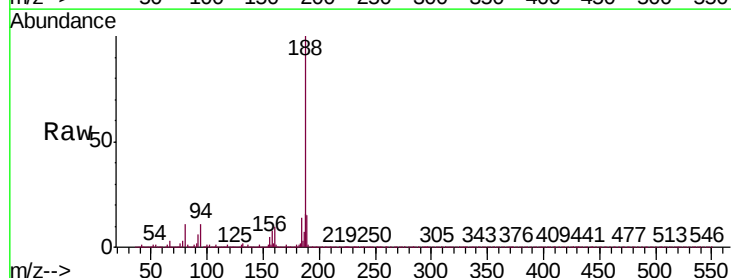
Instrument :
BNA_P
ClientSampleId :
GW-02

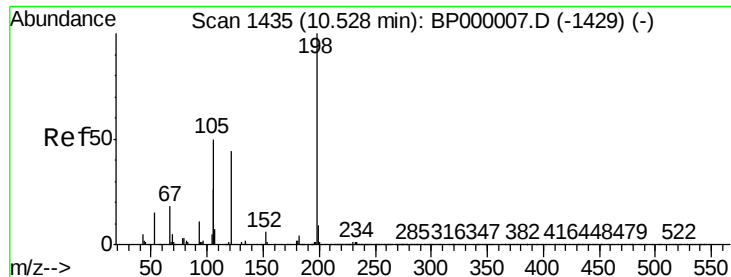
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	34.4	51.6#
89	1.1	64.3	96.5#
182	0.0	2.2	3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000072.D
Acq: 04 Sep 2019 17:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.8	13.2
80	11.2	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 8.444 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.20 min

Lab File: BP000072.D

Acq: 04 Sep 2019 17:29

Instrument :

BNA_P

ClientSampleId :

GW-02

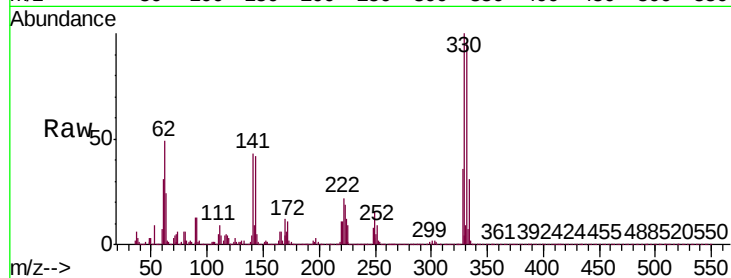
Tgt Ion:198 Resp: 5959

Ion Ratio Lower Upper

198 100

51 87.6 22.1 62.1#

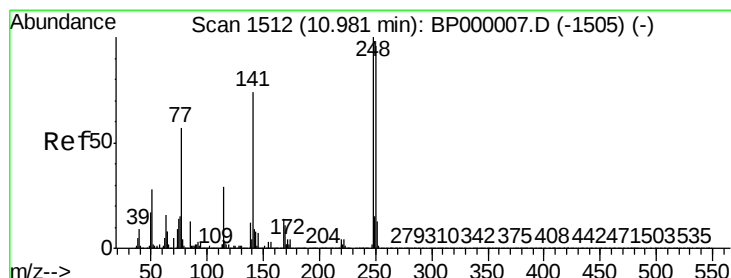
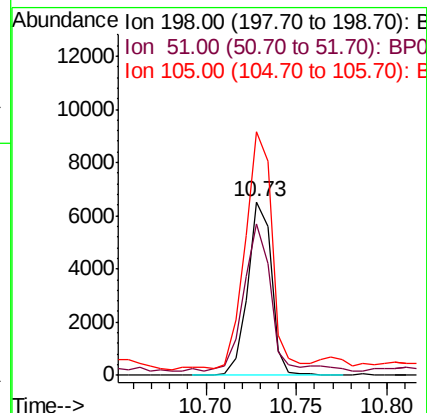
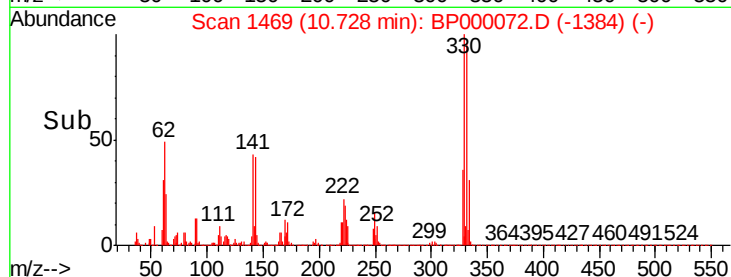
105 140.4 32.0 72.0#



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



#67

4-Bromophenyl-phenylether

Concen: 6.518 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.25 min

Lab File: BP000072.D

Acq: 04 Sep 2019 17:29

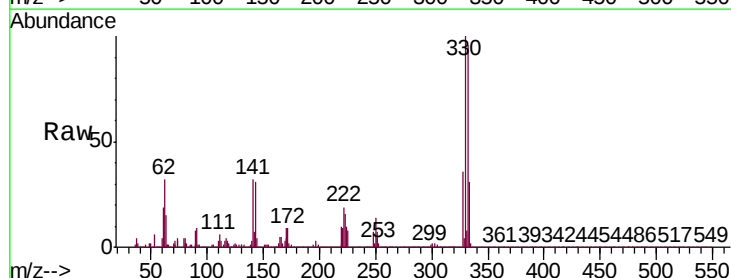
Tgt Ion:248 Resp: 119549

Ion Ratio Lower Upper

248 100

250 199.9 77.1 115.7#

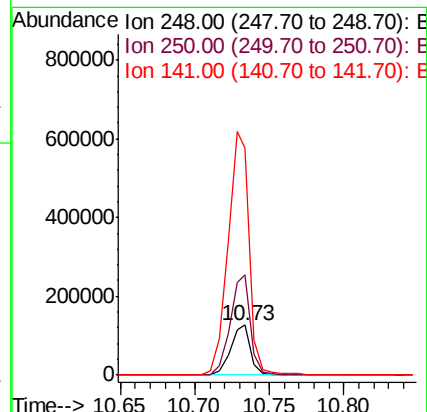
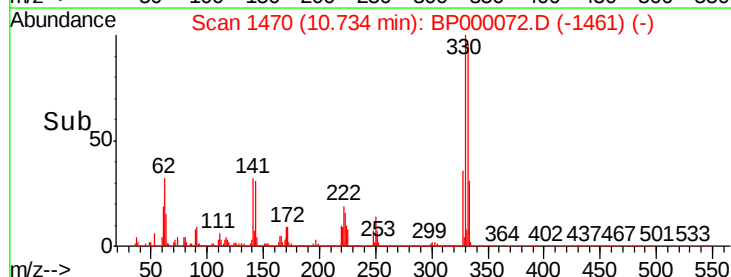
141 456.1 59.5 89.3#

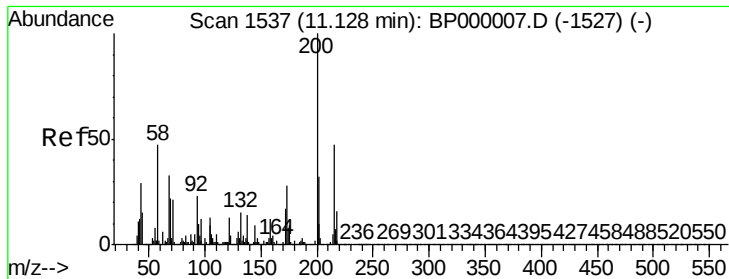


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#69

Atrazine

Concen: Below Cal

RT: 11.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BP000072.D

Acq: 04 Sep 2019 17:29

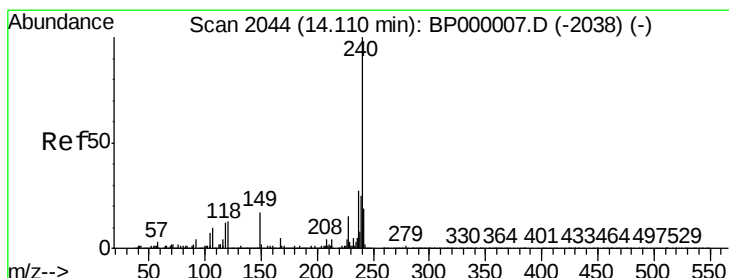
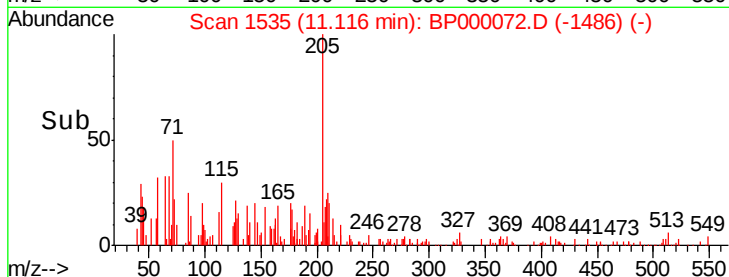
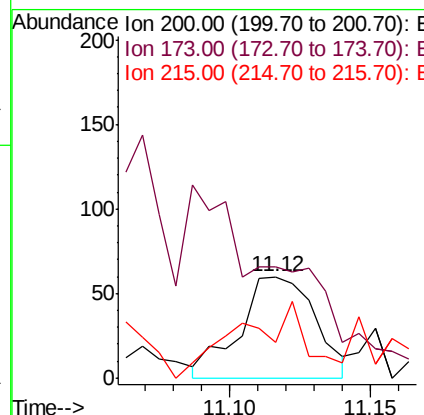
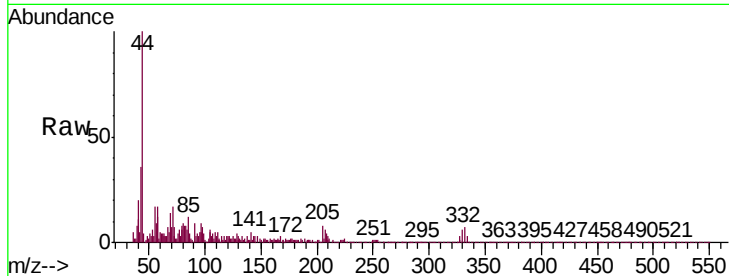
Instrument :

BNA_P

ClientSampleId :

GW-02

Tgt Ion:	200	Resp:	112
Ion Ratio	Lower	Upper	
200	100		
173	110.0	8.1	48.1#
215	35.0	26.7	66.7



#76

Chrysene-d12

Concen: 20.000 ng

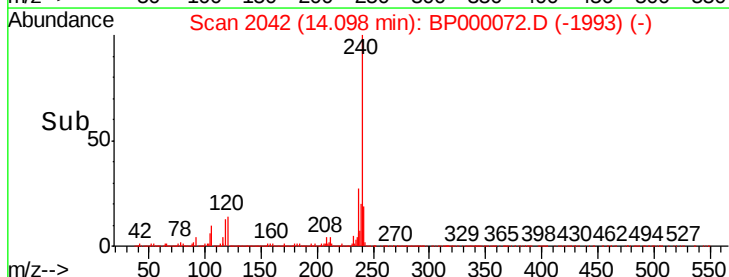
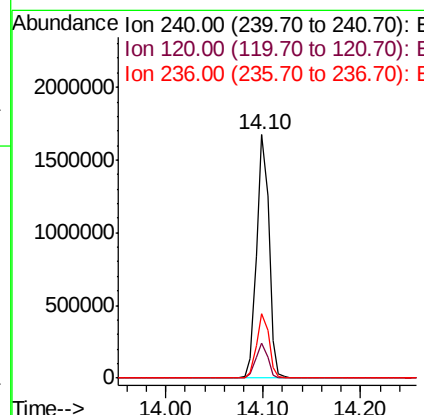
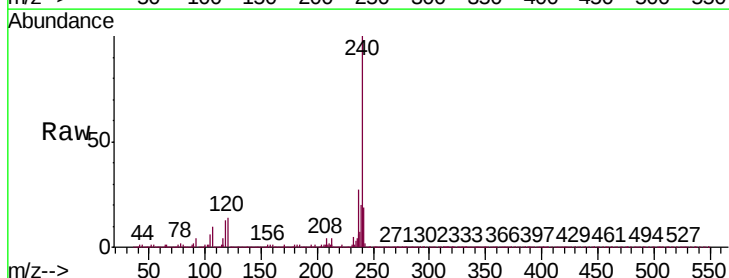
RT: 14.10 min Scan# 2042

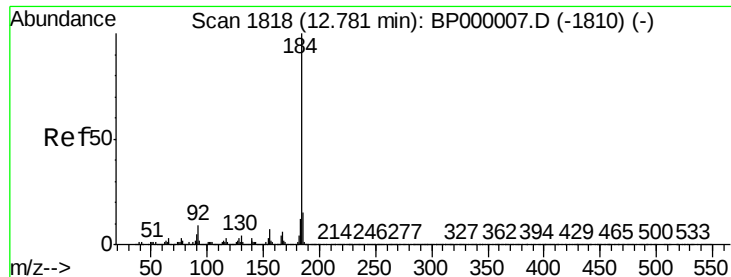
Delta R.T. -0.01 min

Lab File: BP000072.D

Acq: 04 Sep 2019 17:29

Tgt Ion:	240	Resp:	1494244
Ion Ratio	Lower	Upper	
240	100		
120	14.1	10.5	15.7
236	26.5	21.5	32.3





#77

Benzidine

Concen: 2.458 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.26 min

Lab File: BP000072.D

Acq: 04 Sep 2019 17:29

Instrument :

BNA_P

ClientSampleId :

GW-02

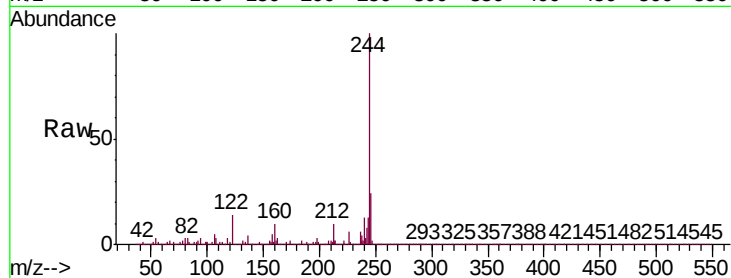
Tgt Ion:184 Resp: 126731

Ion Ratio Lower Upper

184 100

185 16.5 11.8 17.8

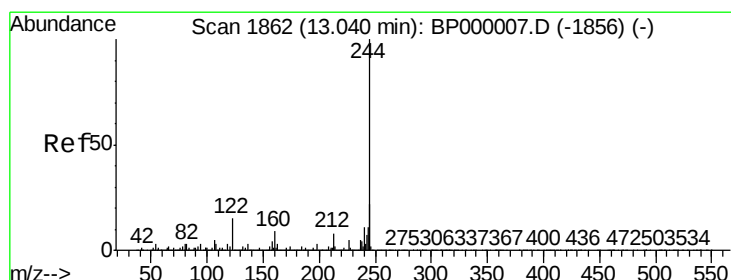
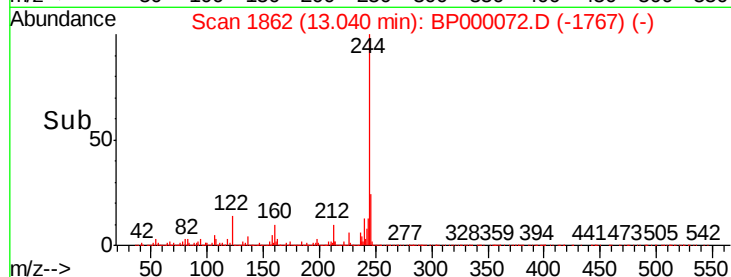
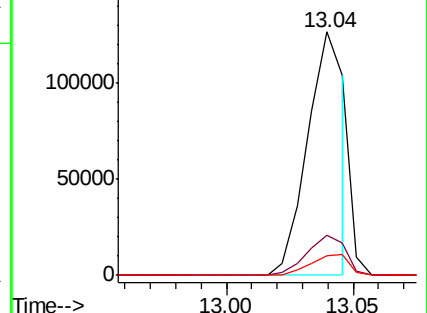
183 8.2 9.4 14.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 106.869 ng

RT: 13.04 min Scan# 1862

Delta R.T. 0.00 min

Lab File: BP000072.D

Acq: 04 Sep 2019 17:29

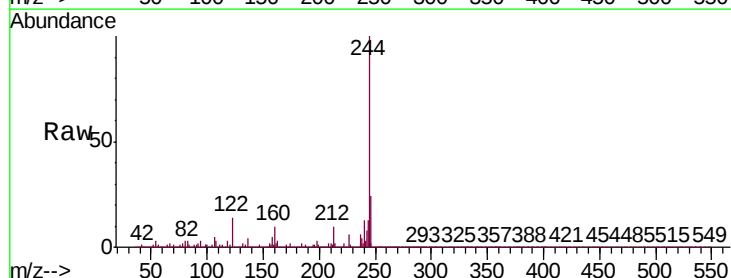
Tgt Ion:244 Resp: 7326443

Ion Ratio Lower Upper

244 100

212 9.8 6.6 10.0

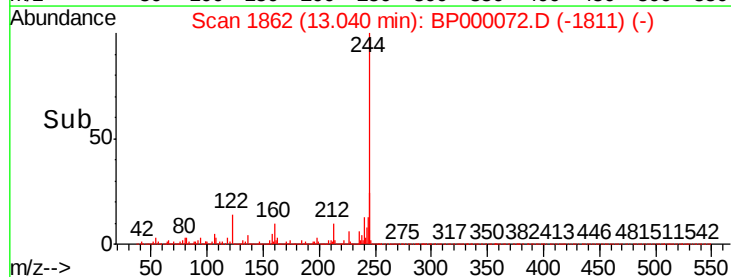
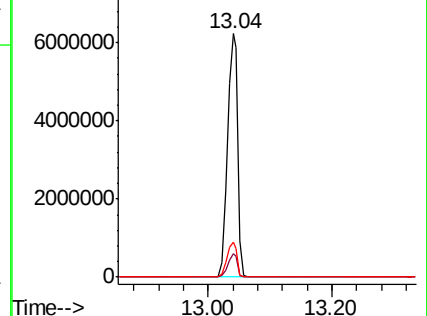
122 14.4 12.3 18.5

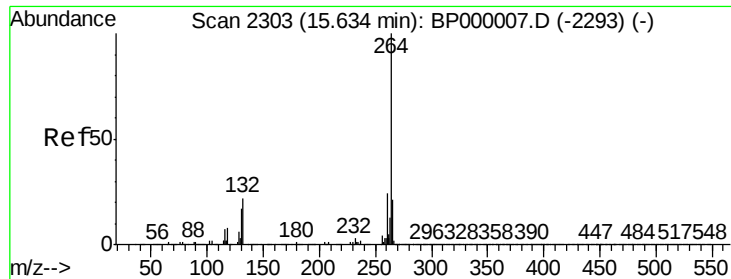


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP000072.D
Acq: 04 Sep 2019 17:29

Instrument :
BNA_P
ClientSampleId :
GW-02

Tgt Ion: 264 Resp: 1612229
Ion Ratio Lower Upper
264 100
260 24.0 19.1 28.7
265 21.5 17.1 25.7

