

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
 Data File : BP000056.D
 Acq On : 04 Sep 2019 10:57
 Operator : HP/JU
 Sample : K4554-44
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 04 14:08:45 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

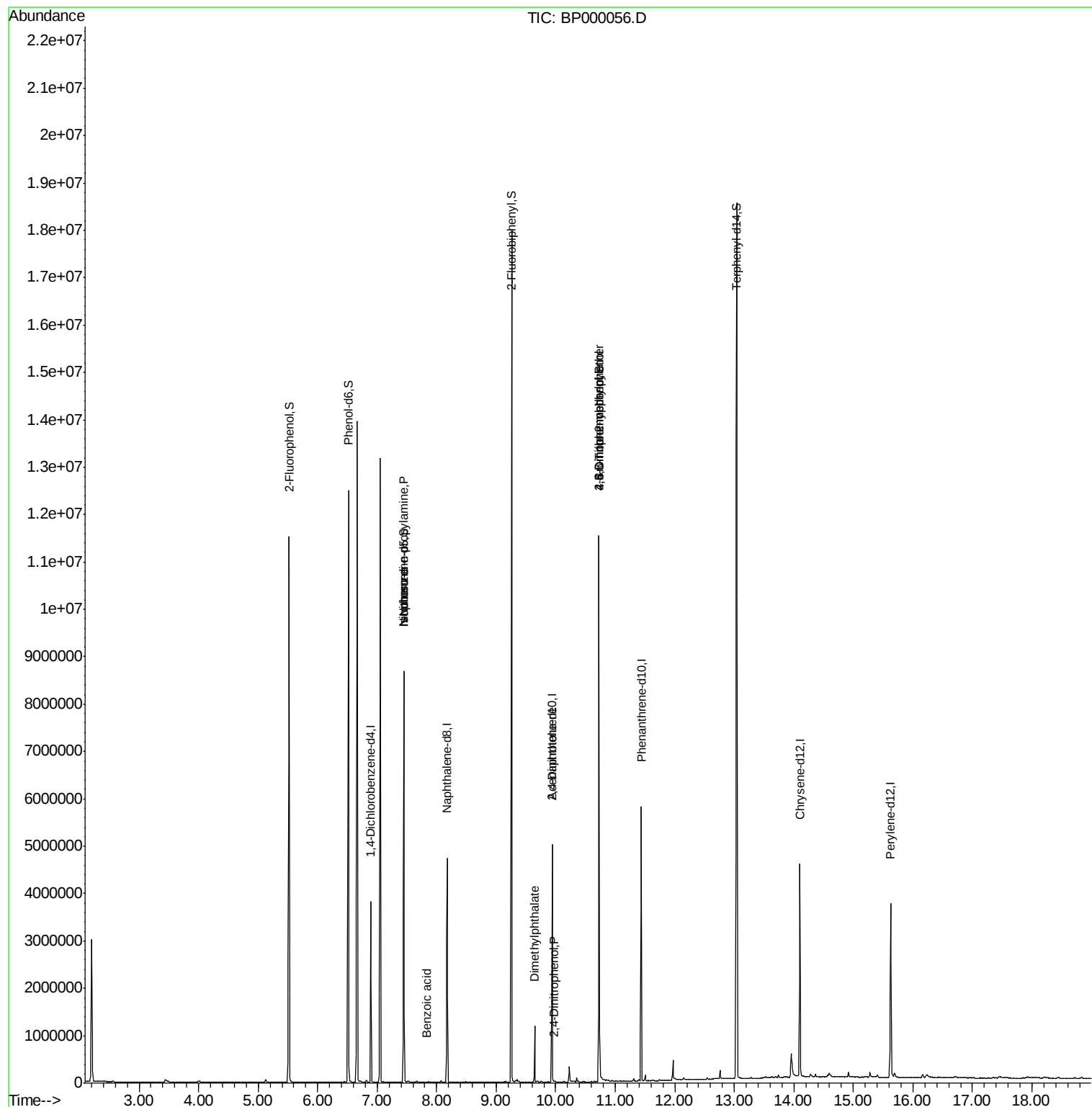
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	499835	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1834981	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	1000980	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1807170	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1468918	20.00	ng	-0.01
87) Perylene-d12	15.63	264	1582275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3987067	127.20	ng	0.01
7) Phenol-d6	6.52	99	5085670	128.52	ng	0.00
23) Nitrobenzene-d5	7.45	82	2870007	95.97	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1278049	151.48	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	5229918	87.25	ng	0.00
79) Terphenyl-d14	13.04	244	5775117	85.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	365045	16.210	ng	# 76
25) Isophorone	7.45	82	2868782	45.401	ng	# 66
32) Benzoic acid	7.83	122	918	8.107	ng	90
50) Dimethylphthalate	9.65	163	395286	5.795	ng	98
54) 2,4-Dinitrophenol	9.98	184	107	8.666	ng	# 1
57) 2,4-Dinitrotoluene	9.94	165	130669	7.069	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.73	198	4191	8.230	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	93583	5.096	ng	# 1
69) Atrazine	11.10	200	31	Below Cal		# 15

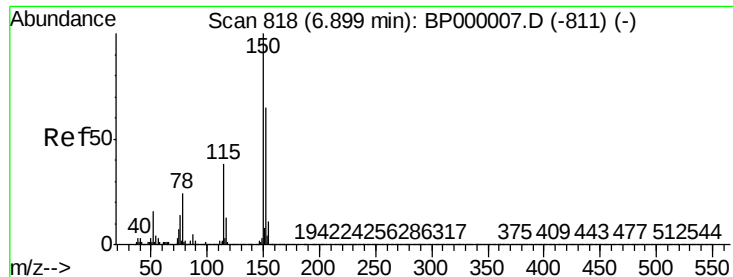
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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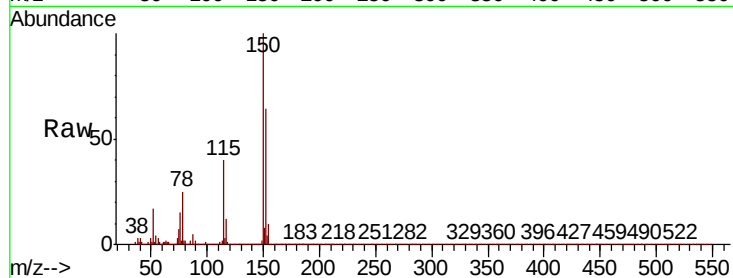


#1

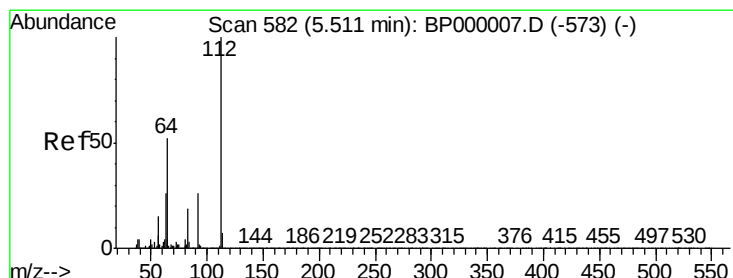
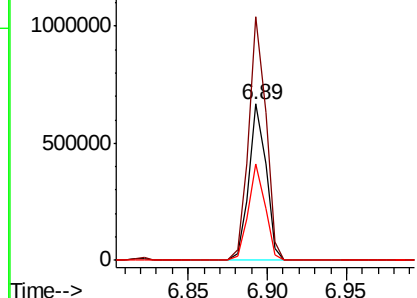
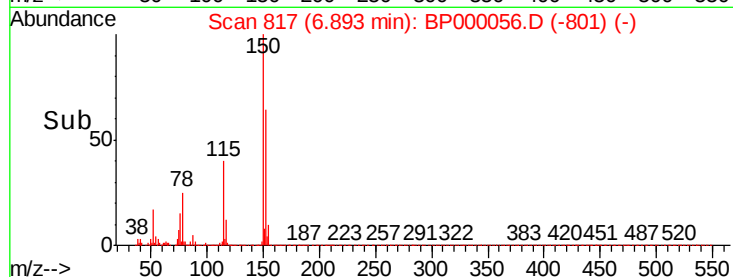
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000056.D
Acq: 04 Sep 2019 10:57

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.0	184.6
115	62.0	46.7	70.1



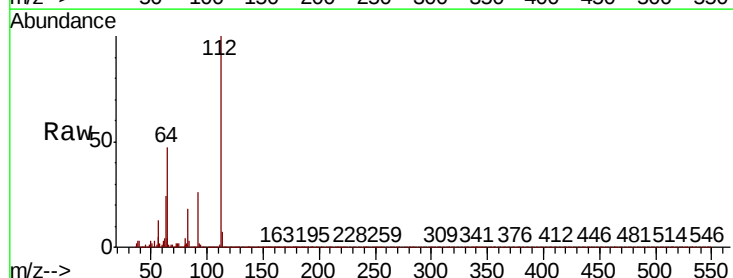
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



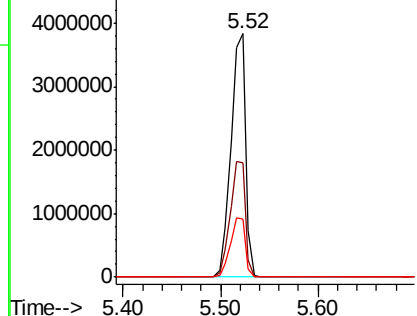
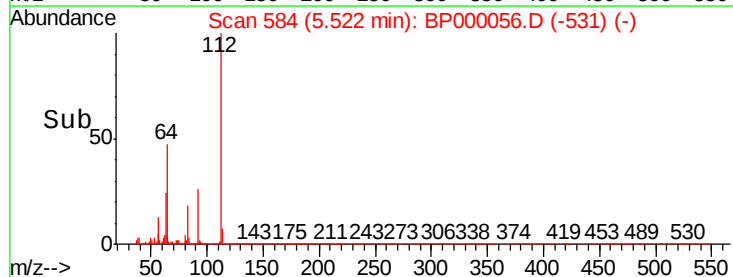
#5

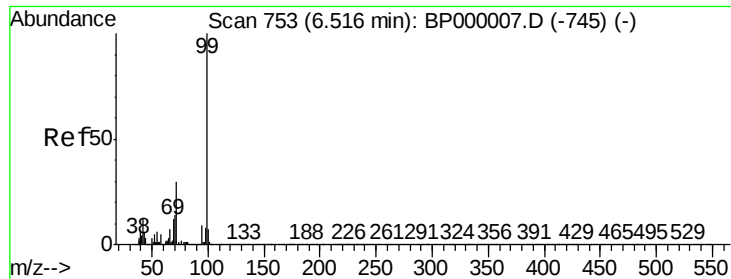
2-Fluorophenol
Concen: 127.199 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BP000056.D
Acq: 04 Sep 2019 10:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.0	41.8	62.8
63	24.0	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: 128.522 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BP000056.D

Acq: 04 Sep 2019 10:57

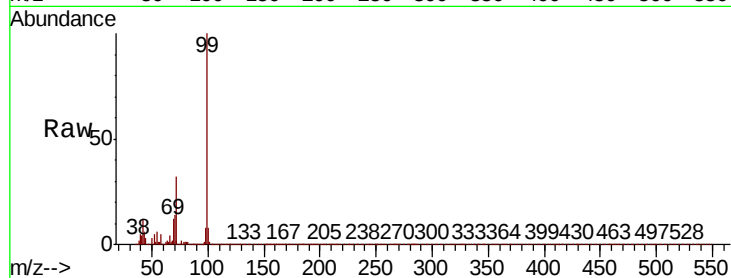
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 5085670

Ion	Ratio	Lower	Upper
99	100		
42	12.3	9.8	14.8
71	31.9	23.8	35.8

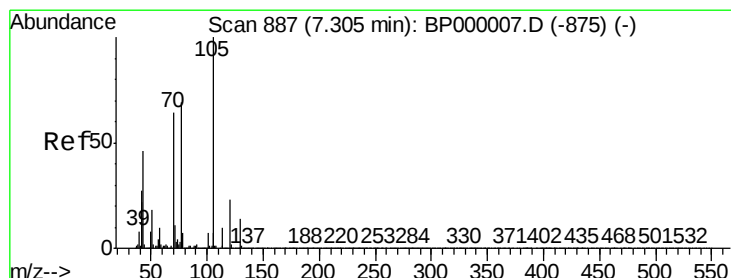
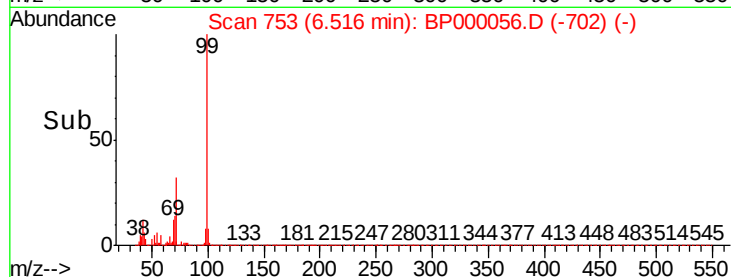
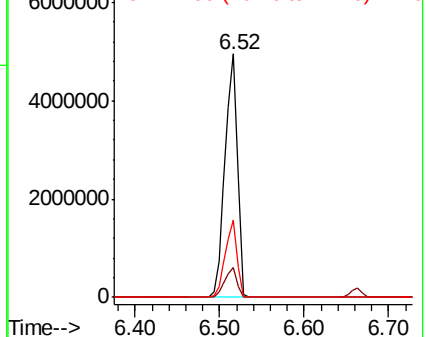


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 16.210 ng

RT: 7.45 min Scan# 912

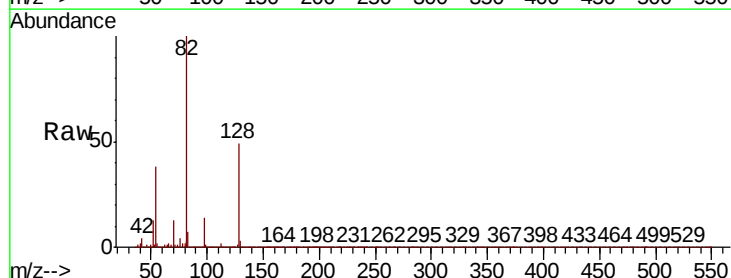
Delta R.T. 0.15 min

Lab File: BP000056.D

Acq: 04 Sep 2019 10:57

Tgt Ion: 70 Resp: 365045

Ion	Ratio	Lower	Upper
70	100		
42	33.4	33.8	50.6#
101	0.1	8.7	13.1#
130	2.6	18.1	27.1#



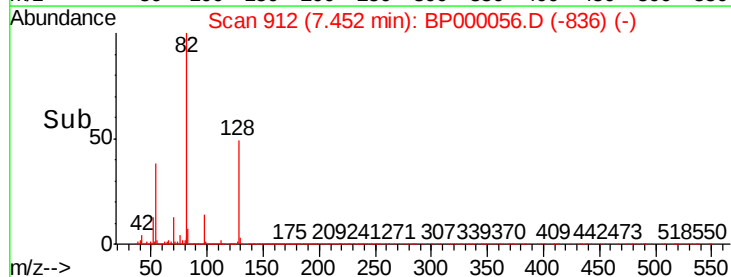
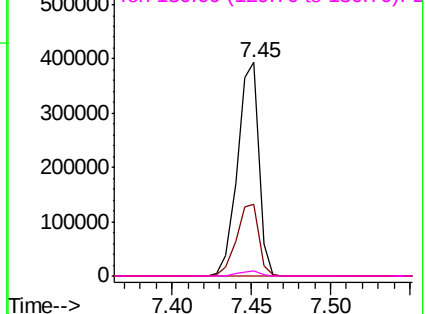
Abundance

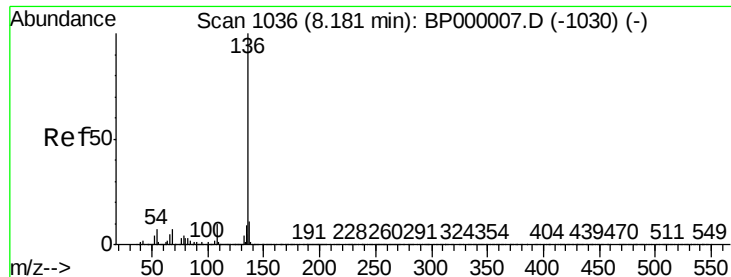
Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

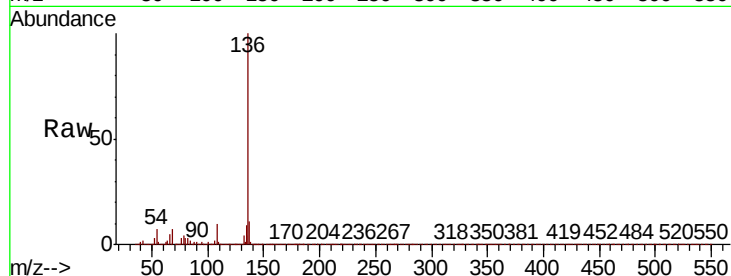




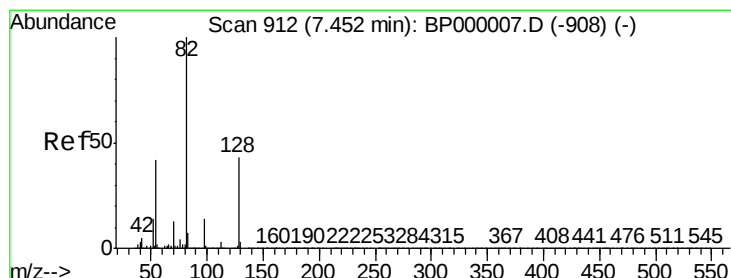
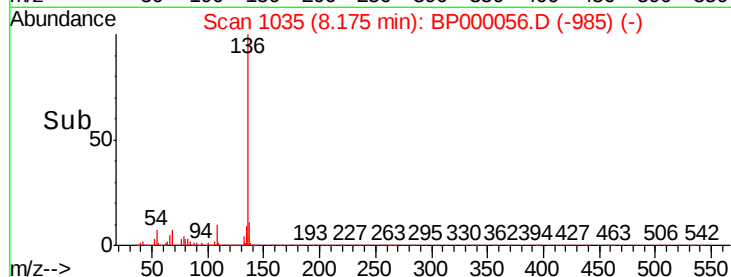
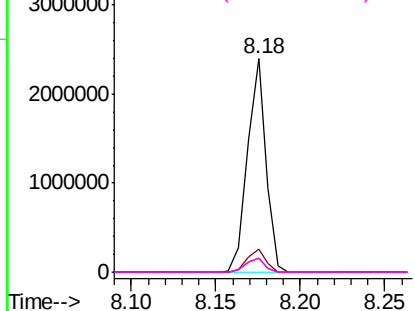
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000056.D
Acq: 04 Sep 2019 10:57

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136 Resp: 1834981
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.6 5.4 8.2
68 6.6 5.4 8.0

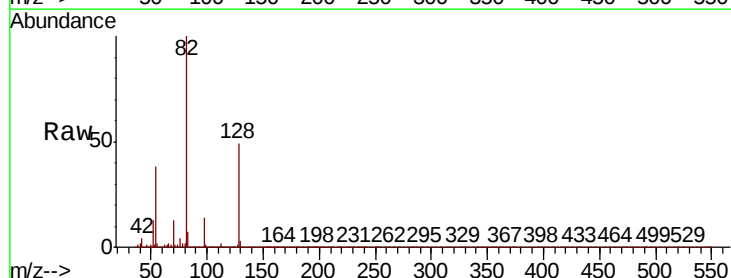


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

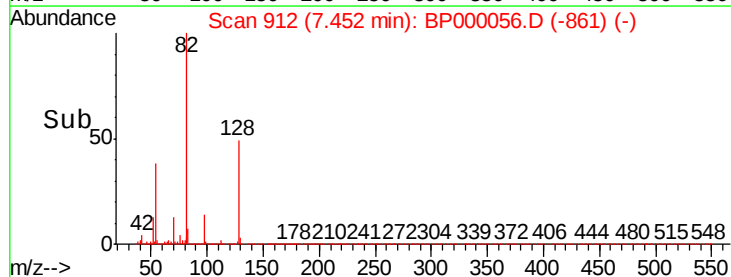
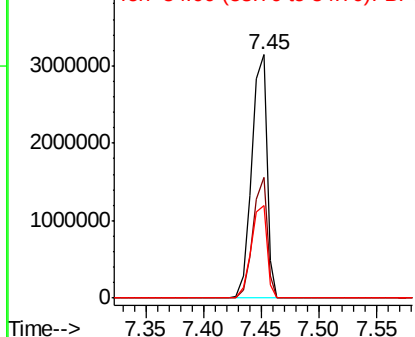


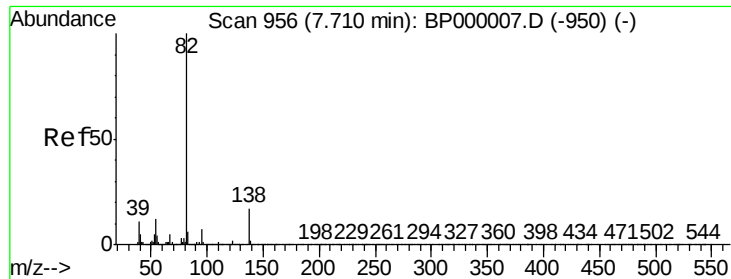
#23
Nitrobenzene-d5
Concen: 95.970 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BP000056.D
Acq: 04 Sep 2019 10:57

Tgt Ion: 82 Resp: 2870007
Ion Ratio Lower Upper
82 100
128 49.3 34.5 51.7
54 37.8 33.2 49.8



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





#25

Isophorone

Concen: 45.401 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BP000056.D

Acq: 04 Sep 2019 10:57

Instrument :

BNA_P

ClientSampleId :

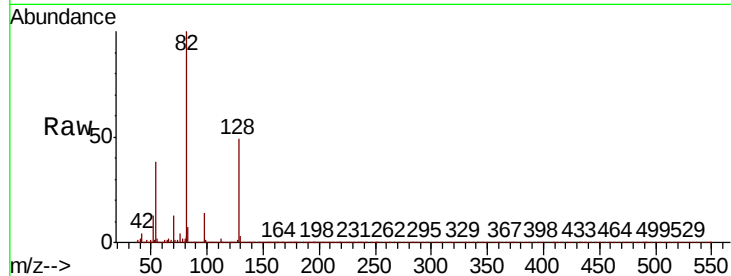
Tot Ion: 82 Resp: 2868782

Ion Ratio Lower Upper

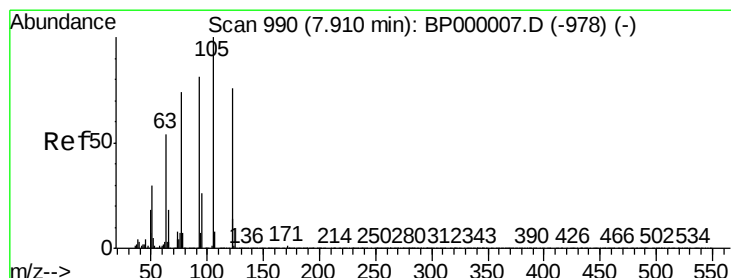
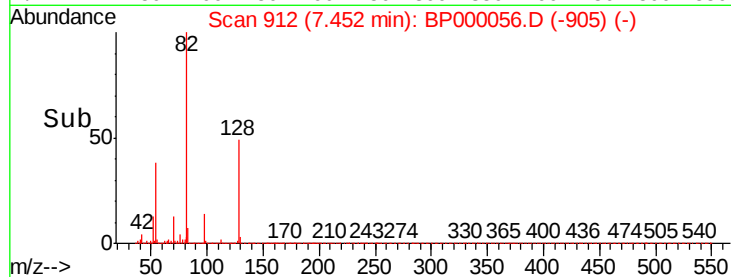
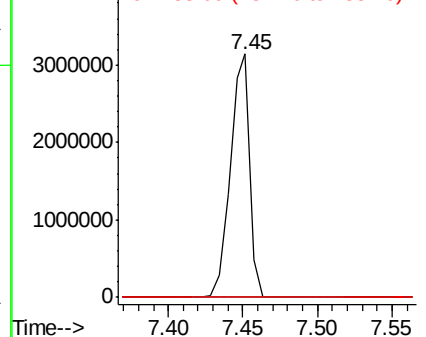
82 100

95 0.0 5.6 8.4#

138 0.0 13.8 20.6#



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): BP0



#32

Benzoic acid

Concen: 8.107 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.08 min

Lab File: BP000056.D

Acq: 04 Sep 2019 10:57

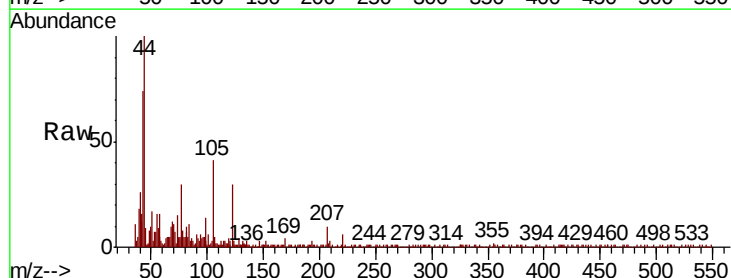
Tgt Ion: 122 Resp: 918

Ion Ratio Lower Upper

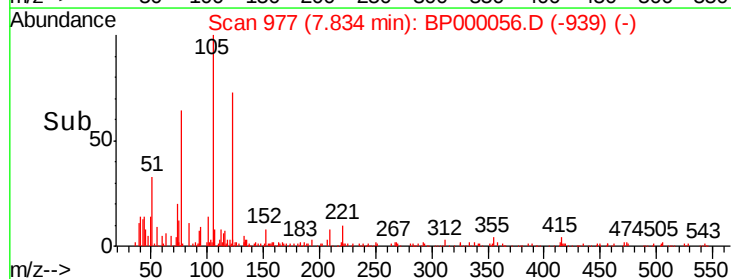
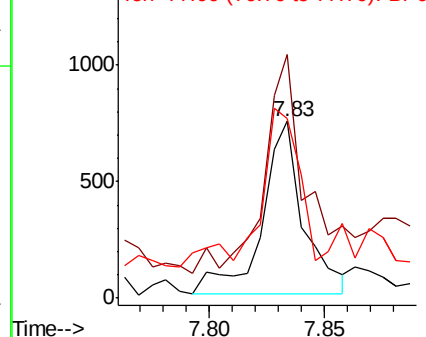
122 100

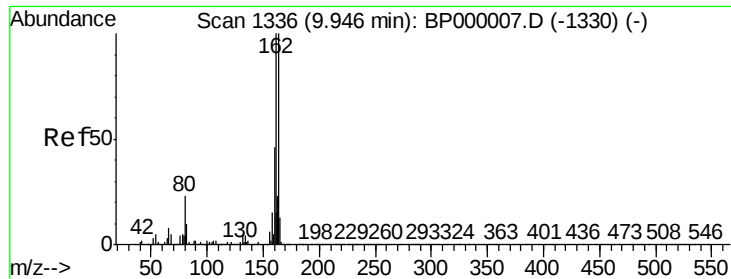
105 137.9 104.6 144.6

77 101.5 74.1 114.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BP0

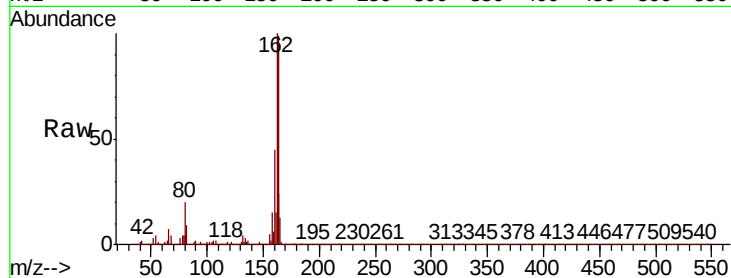




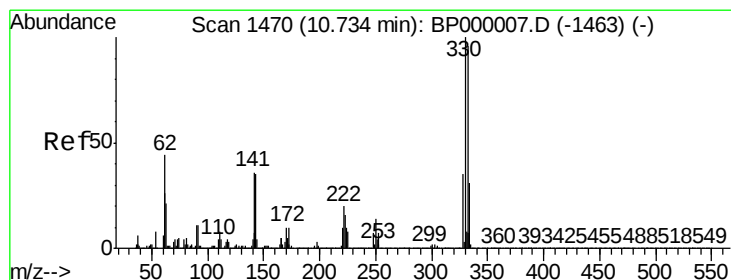
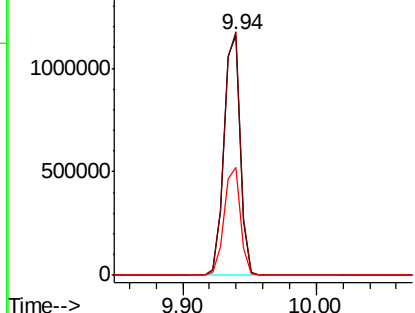
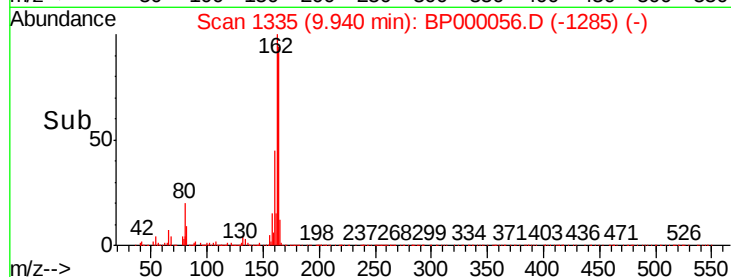
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BP000056.D
 Acq: 04 Sep 2019 10:57

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:164 Resp: 1000980
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.2 120.4
 160 45.2 36.6 55.0

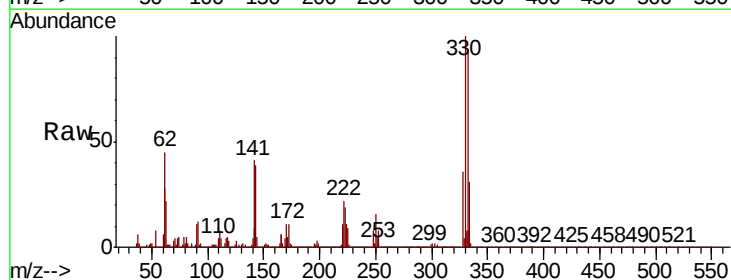


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

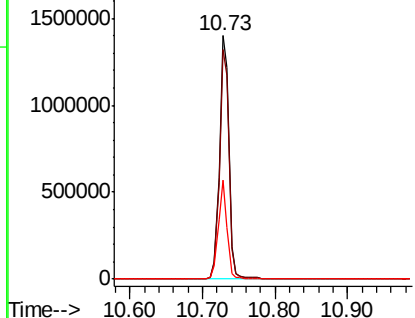
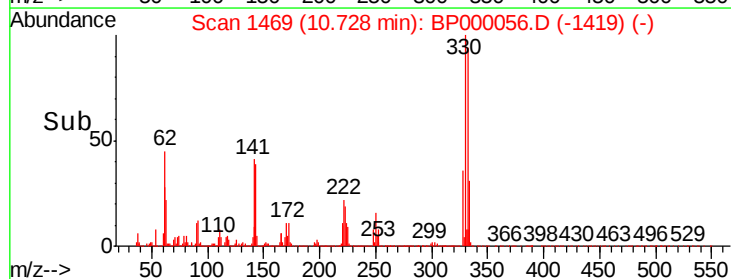


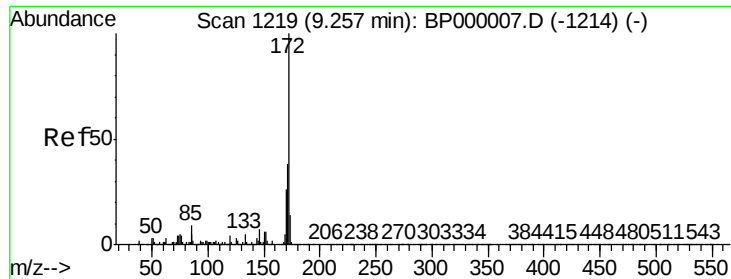
#42
 2,4,6-Tribromophenol
 Concen: 151.477 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BP000056.D
 Acq: 04 Sep 2019 10:57

Tgt Ion:330 Resp: 1278049
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.8 115.2
 141 38.0 33.6 50.4



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

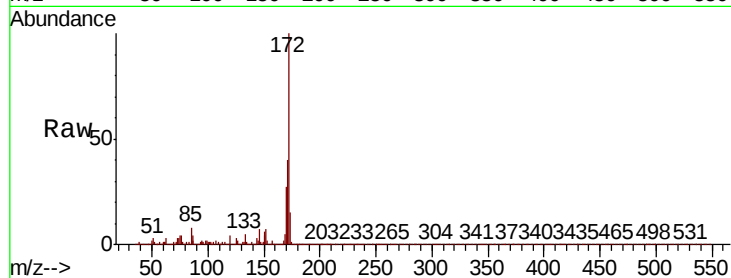




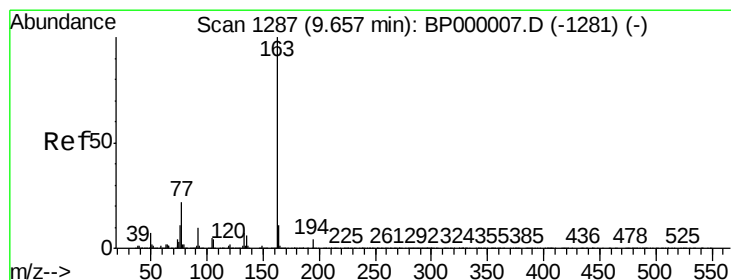
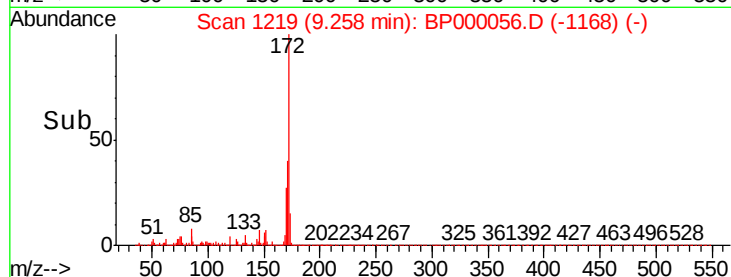
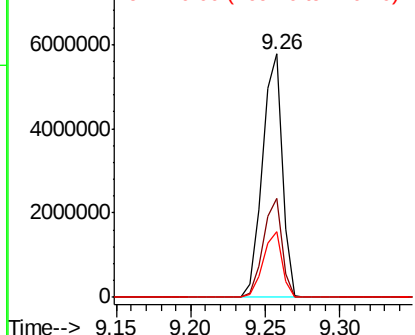
#45
2-Fluorobiphenyl
Concen: 87.254 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BP000056.D
Acq: 04 Sep 2019 10:57

Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 5229918
Ion Ratio Lower Upper
172 100
171 40.4 30.7 46.1
170 27.1 20.7 31.1

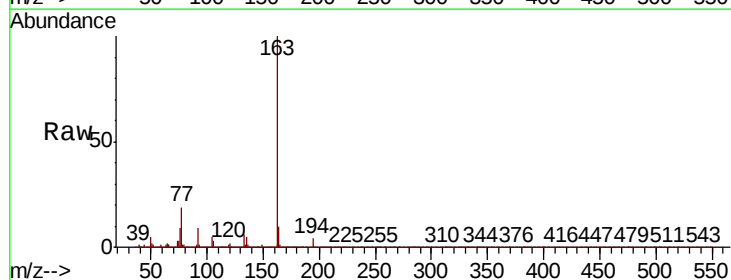


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

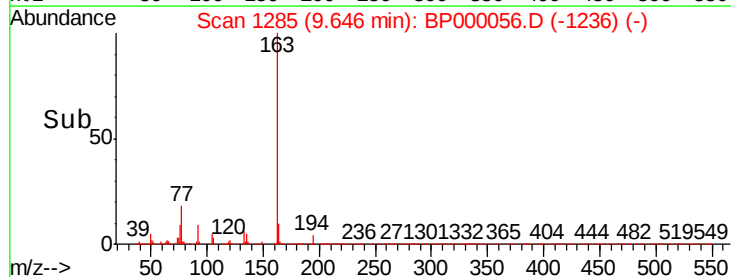
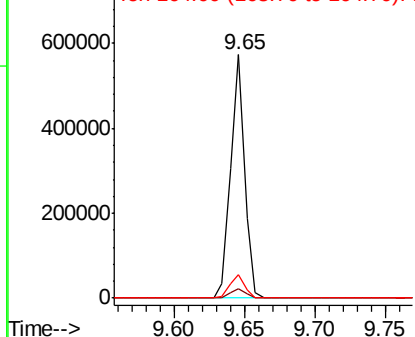


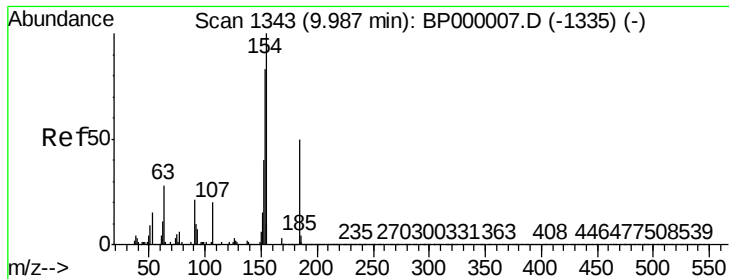
#50
Dimethylphthalate
Concen: 5.795 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BP000056.D
Acq: 04 Sep 2019 10:57

Tgt Ion:163 Resp: 395286
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.6 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: 8.666 ng

RT: 9.98 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BP000056.D

Acq: 04 Sep 2019 10:57

Instrument :

BNA_P

ClientSampleId :

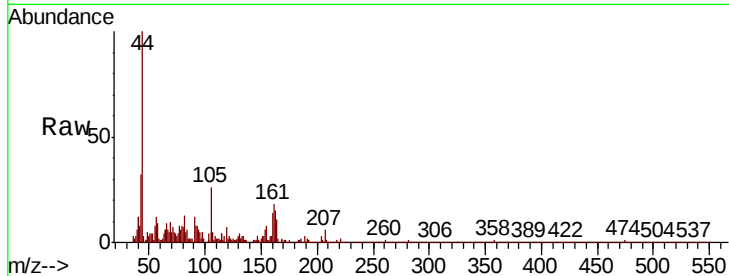
Tot Ion:184 Resp: 107

Ion Ratio Lower Upper

184 100

63 217.6 46.0 69.0#

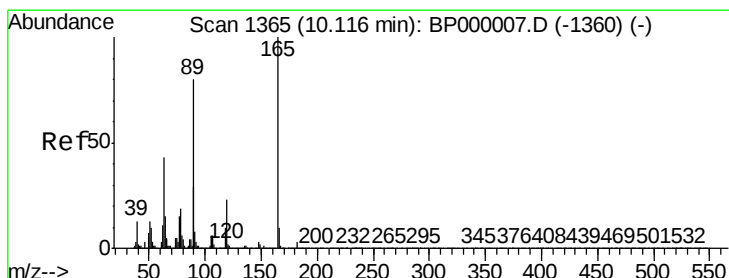
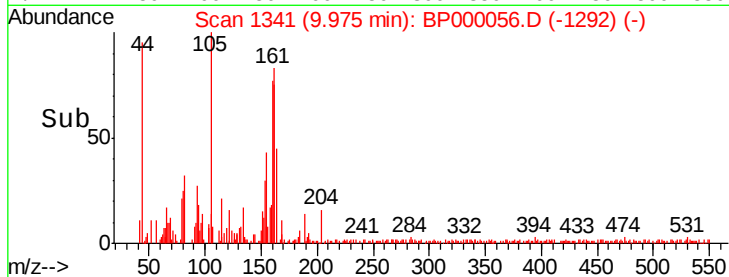
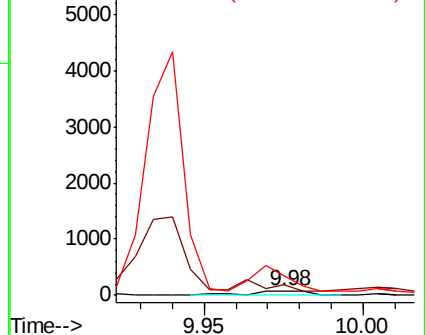
154 417.6 161.9 242.9#



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: 7.069 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.18 min

Lab File: BP000056.D

Acq: 04 Sep 2019 10:57

Tgt Ion:165 Resp: 130669

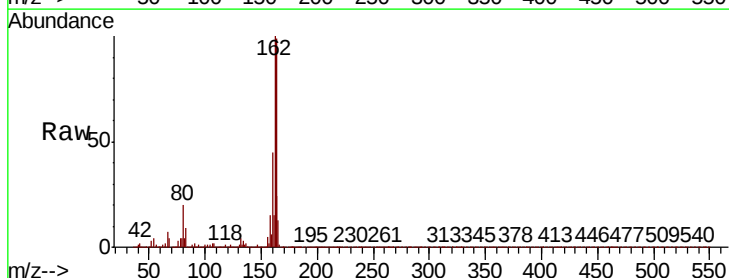
Ion Ratio Lower Upper

165 100

63 1.0 34.4 51.6#

89 1.1 64.3 96.5#

182 0.0 2.2 3.4#

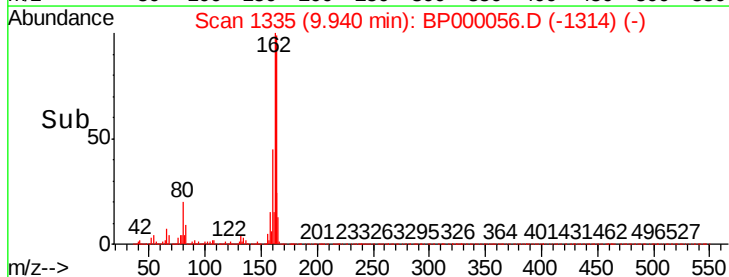
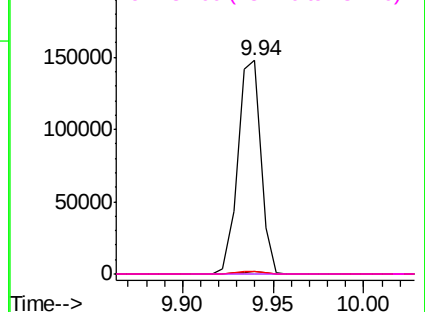


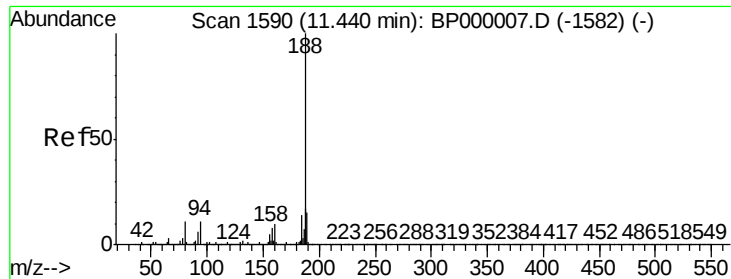
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BP000056.D

Acq: 04 Sep 2019 10:57

Instrument :

BNA_P

ClientSampleId :

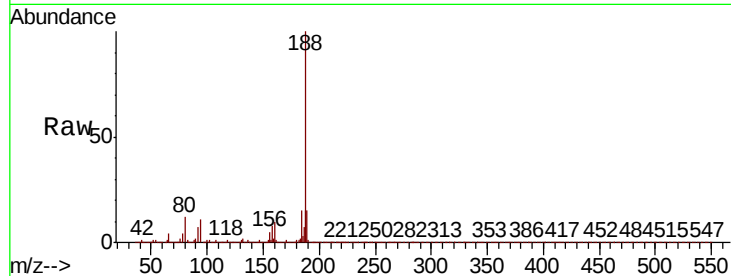
Tot Ion:188 Resp: 1807170

Ion Ratio Lower Upper

188 100

94 11.5 8.8 13.2

80 12.0 9.0 13.6

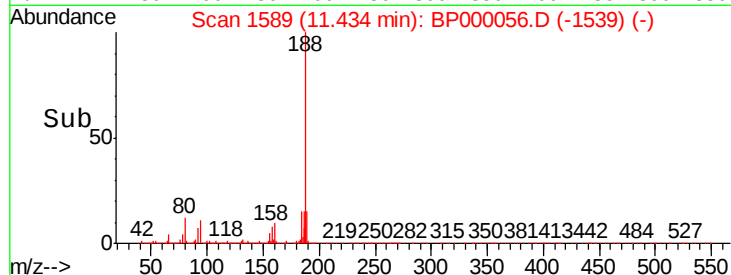


Abundance Ion 188.00 (187.70 to 188.70): E

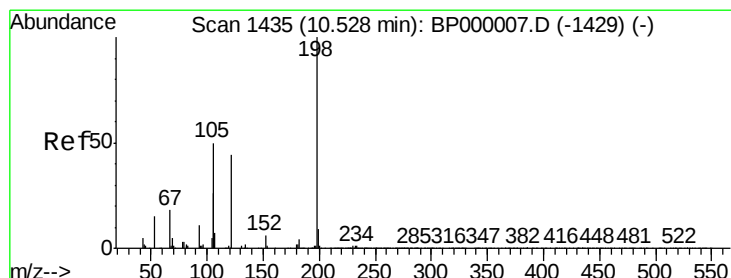
Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

Time-->



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 8.230 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.20 min

Lab File: BP000056.D

Acq: 04 Sep 2019 10:57

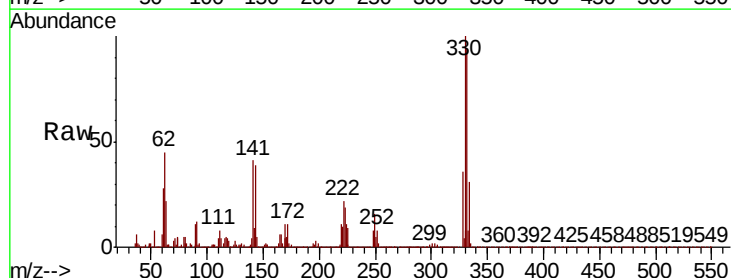
Tgt Ion:198 Resp: 4191

Ion Ratio Lower Upper

198 100

51 90.7 22.1 62.1#

105 166.0 32.0 72.0#

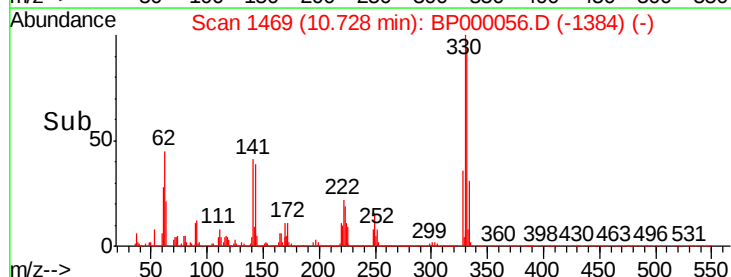


Abundance Ion 198.00 (197.70 to 198.70): E

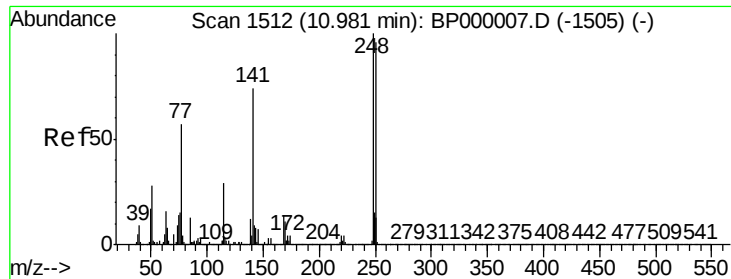
Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

Time-->



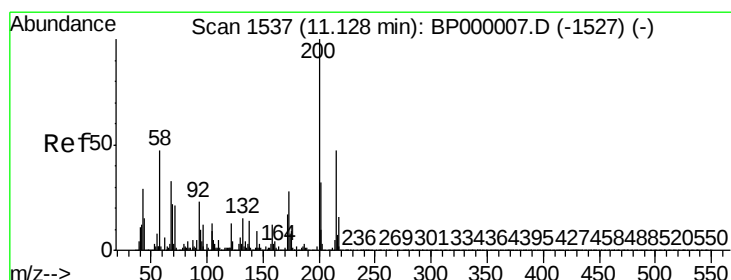
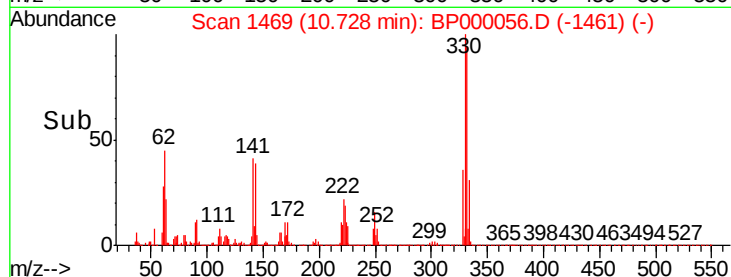
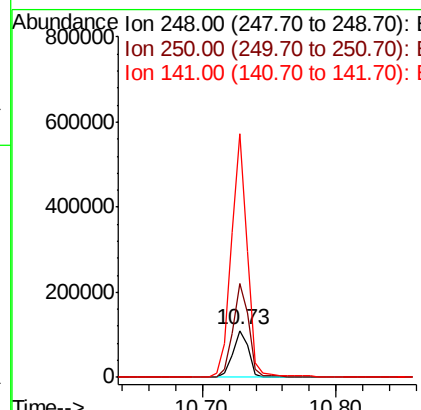
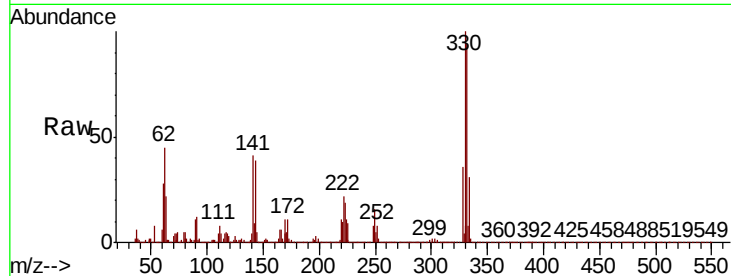
Time-->



#67
4-Bromophenyl-phenylether
Concen: 5.096 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.25 min
Lab File: BP000056.D
Acq: 04 Sep 2019 10:57

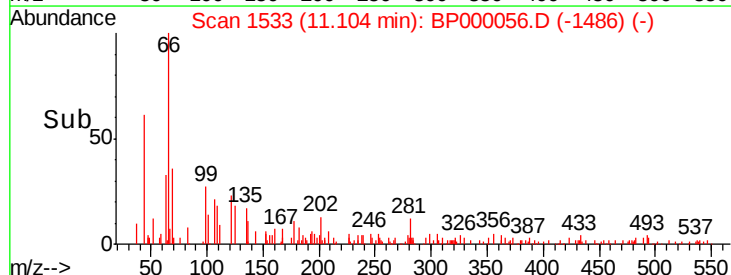
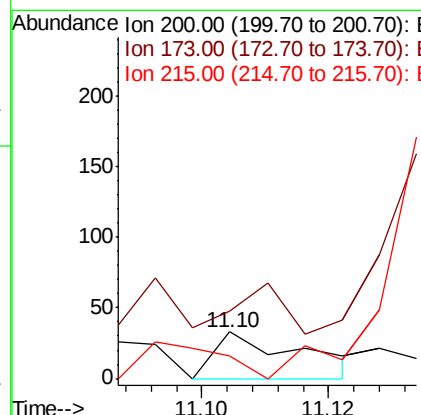
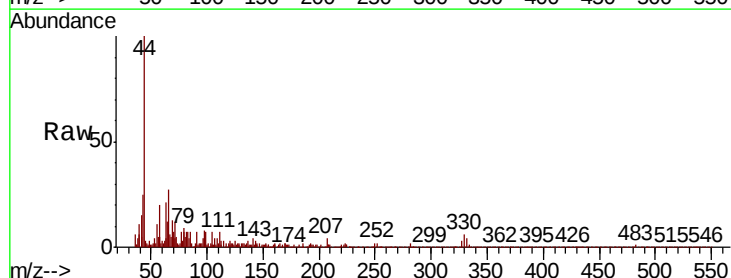
Instrument :
BNA_P
ClientSampleId :

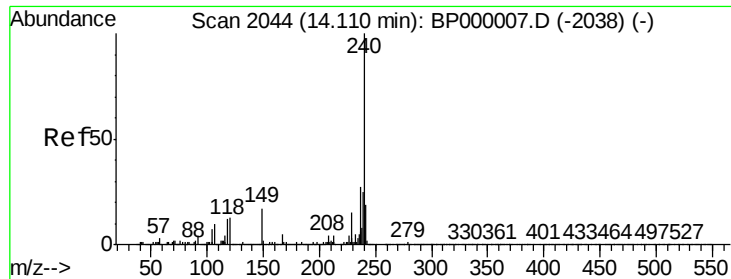
Tot Ion:248 Resp: 93583
Ion Ratio Lower Upper
248 100
250 201.8 77.1 115.7#
141 523.0 59.5 89.3#



#69
Atrazine
Concen: Below Cal
RT: 11.10 min Scan# 1533
Delta R.T. -0.02 min
Lab File: BP000056.D
Acq: 04 Sep 2019 10:57

Tgt Ion:200 Resp: 31
Ion Ratio Lower Upper
200 100
173 145.5 8.1 48.1#
215 48.5 26.7 66.7

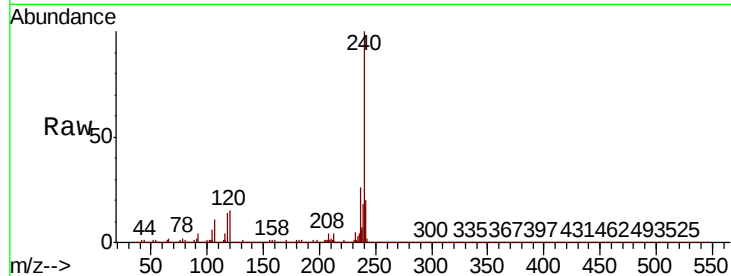




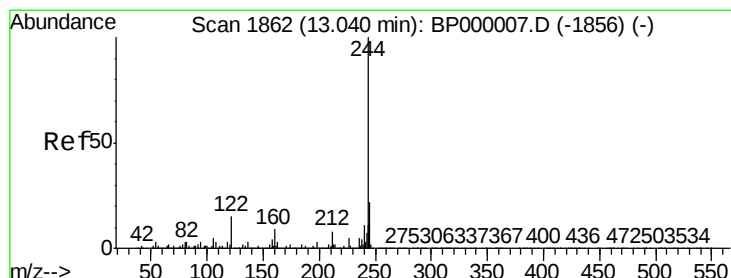
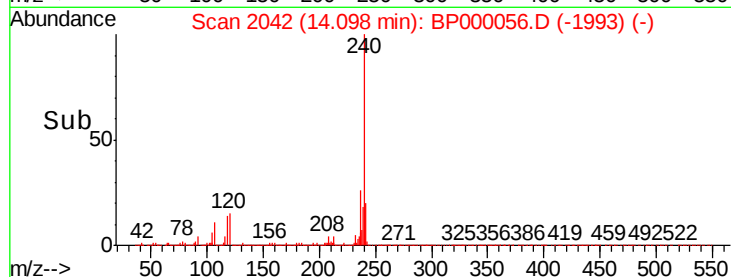
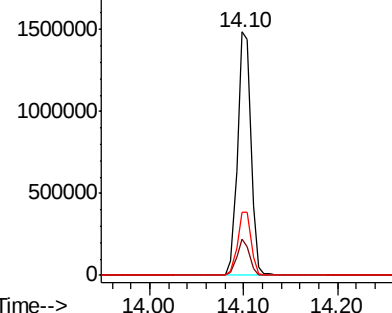
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BP000056.D
 Acq: 04 Sep 2019 10:57

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:240 Resp: 1468918
 Ion Ratio Lower Upper
 240 100
 120 15.1 10.5 15.7
 236 25.7 21.5 32.3

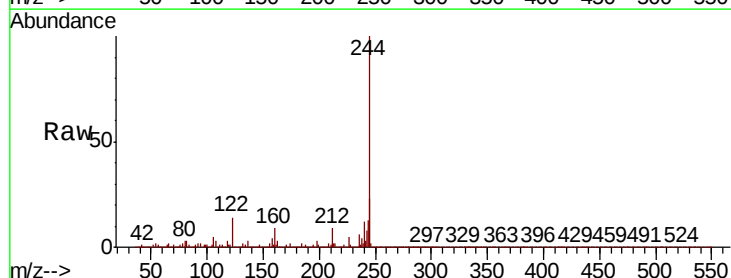


Abundance Ion 240.00 (239.70 to 240.70): E
 2000000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

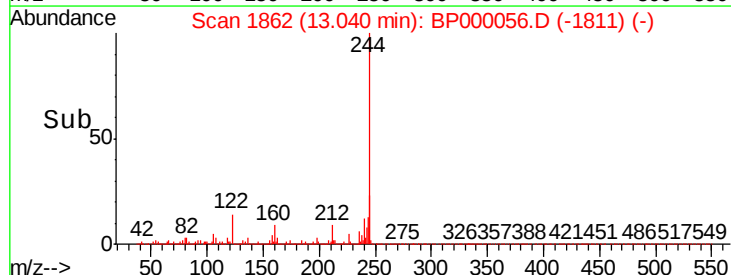
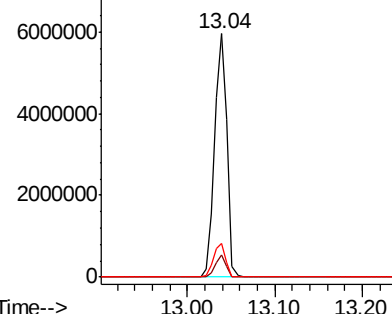


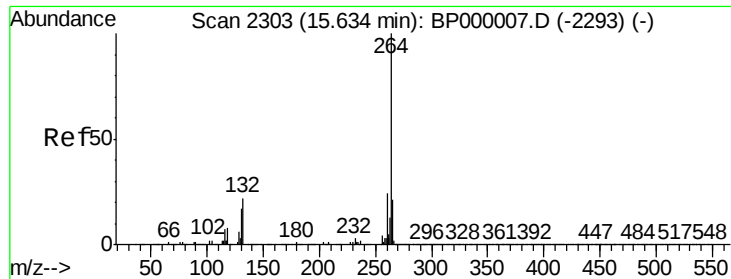
#79
 Terphenyl-d14
 Concen: 85.692 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: BP000056.D
 Acq: 04 Sep 2019 10:57

Tgt Ion:244 Resp: 5775117
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.6 10.0
 122 13.9 12.3 18.5



Abundance Ion 244.00 (243.70 to 244.70): E
 8000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



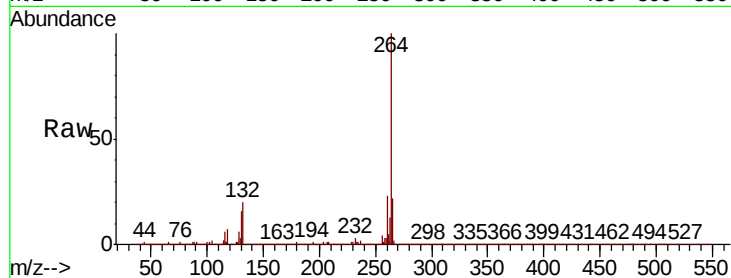


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BP000056.D
Acq: 04 Sep 2019 10:57

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 1582275

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.1	28.7
265	21.7	17.1	25.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

