

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
 Data File : BP000106.D
 Acq On : 08 Sep 2019 22:15
 Operator : HP/JU
 Sample : PB122885BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 09 06:13:34 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

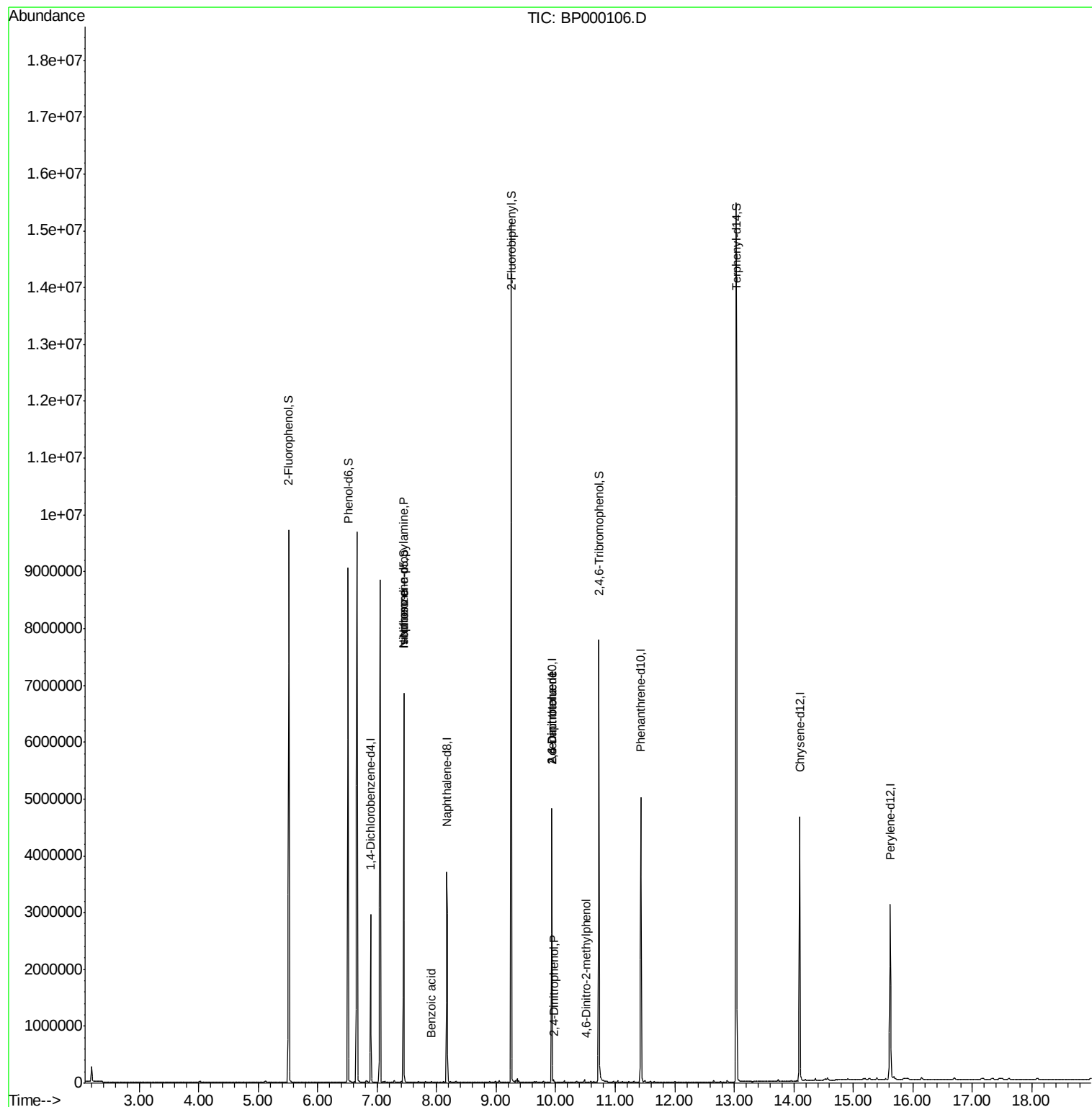
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	429121	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1571229	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	850812	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1632981	20.00	ng	-0.01
76) Chrysene-d12	14.10	240	1429464	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1481831	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2951114	109.66	ng	0.00
7) Phenol-d6	6.51	99	3773385	111.07	ng	0.00
23) Nitrobenzene-d5	7.45	82	2065561	80.66	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	976076	136.11	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	4275989	83.93	ng	0.00
79) Terphenyl-d14	13.03	244	5216408	79.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	252191	13.044	ng	# 76
25) Isophorone	7.45	82	2063836	38.145	ng	# 66
32) Benzoic acid	7.90	122	127	8.069	ng	92
51) 2,6-Dinitrotoluene	9.93	165	111286	9.043	ng	# 30
54) 2,4-Dinitrophenol	9.97	184	300	8.706	ng	# 1
57) 2,4-Dinitrotoluene	9.93	165	111386	7.090	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.52	198	297	7.764	ng	# 49
69) Atrazine	11.12	200	1328	Below Cal		79

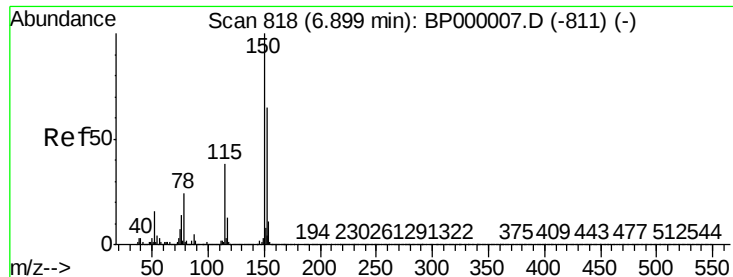
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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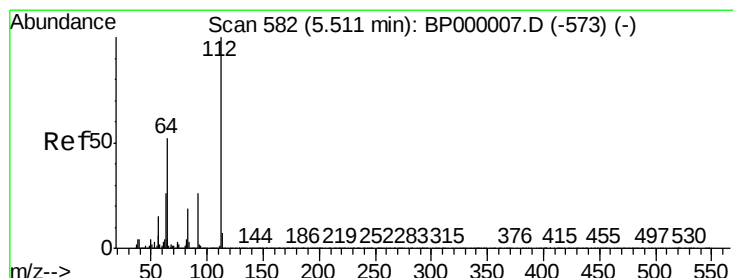
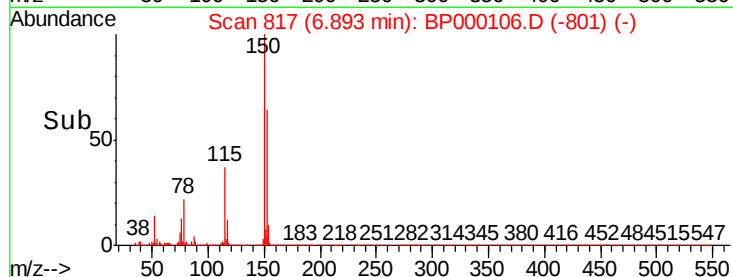
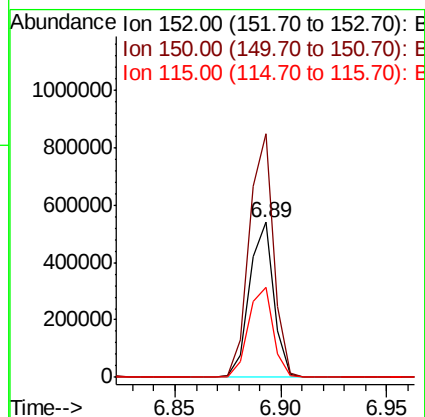
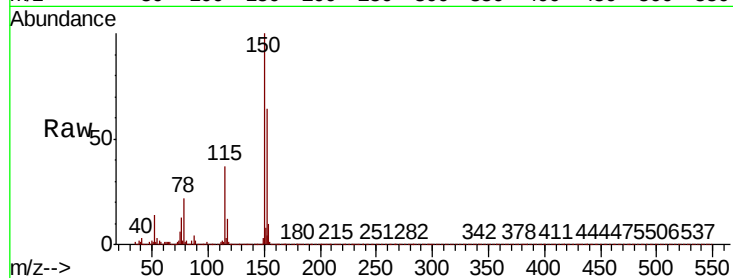


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

Instrument :
BNA_P
ClientSampleId :

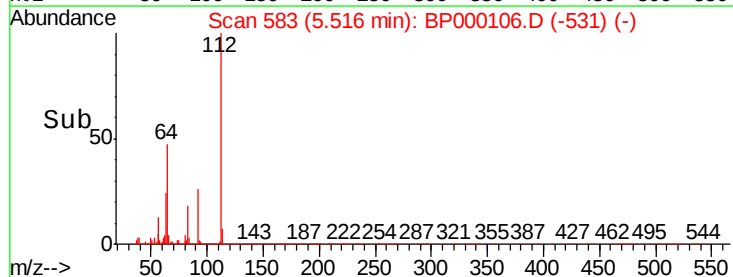
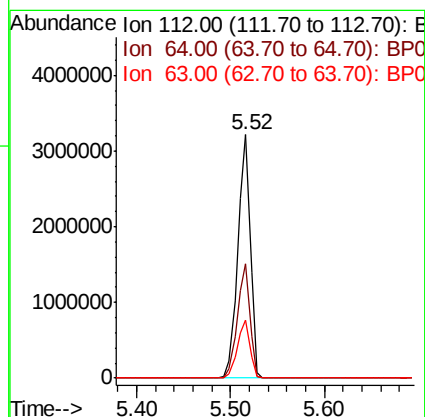
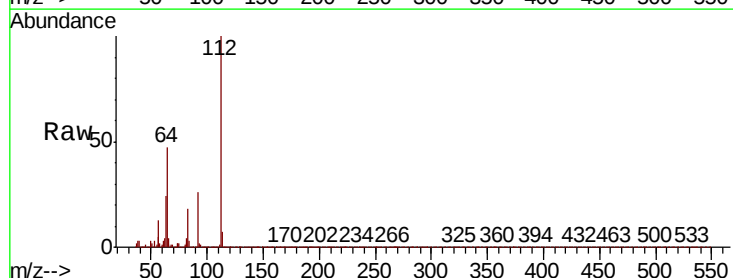
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.0	184.6
115	58.0	46.7	70.1

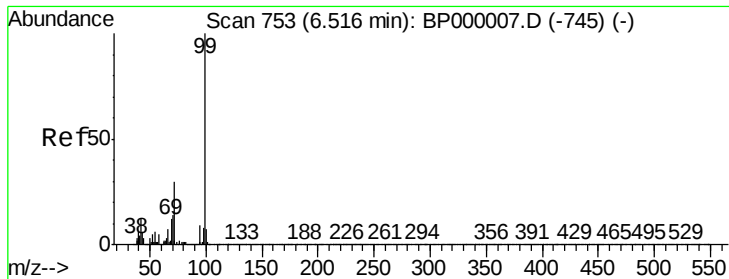


#5

2-Fluorophenol
Concen: 109.664 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.9	41.8	62.8
63	23.9	21.0	31.4





#7

Phenol-d6

Concen: 111.073 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

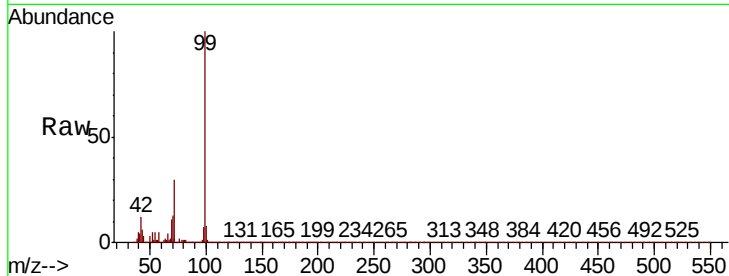
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 3773385

Ion	Ratio	Lower	Upper
99	100		
42	11.7	9.8	14.8
71	30.4	23.8	35.8

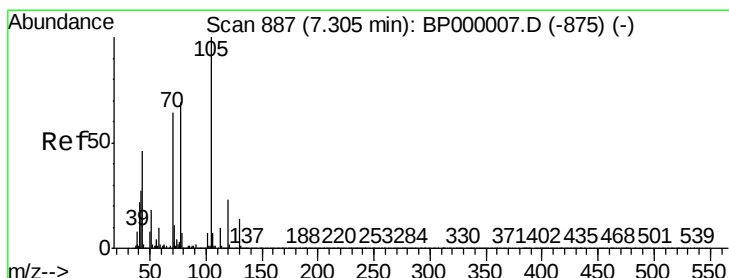
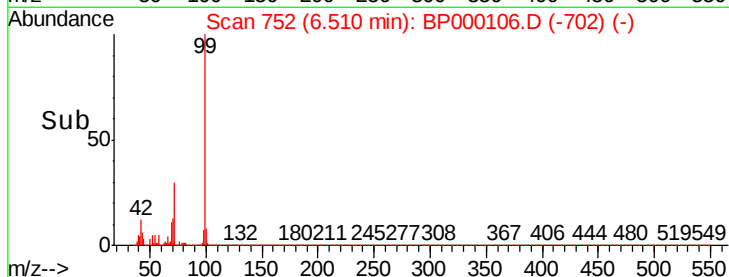
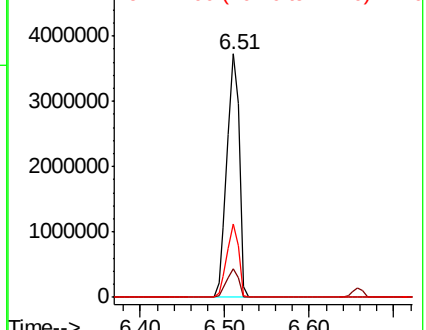


Abundance

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: 13.044 ng

RT: 7.45 min Scan# 911

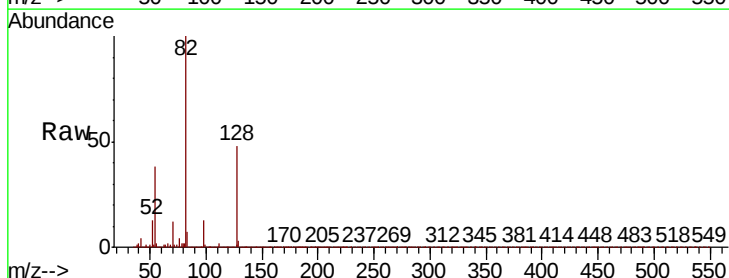
Delta R.T. 0.14 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

Tgt Ion: 70 Resp: 252191

Ion	Ratio	Lower	Upper
70	100		
42	34.3	33.8	50.6
101	0.0	8.7	13.1#
130	2.4	18.1	27.1#



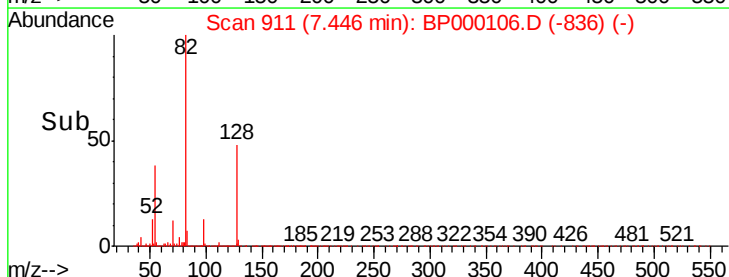
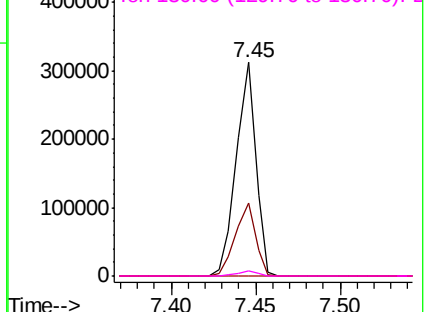
Abundance

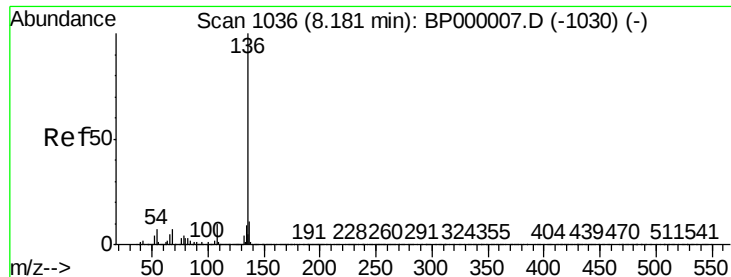
Ion 70.00 (69.70 to 70.70): BP0

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

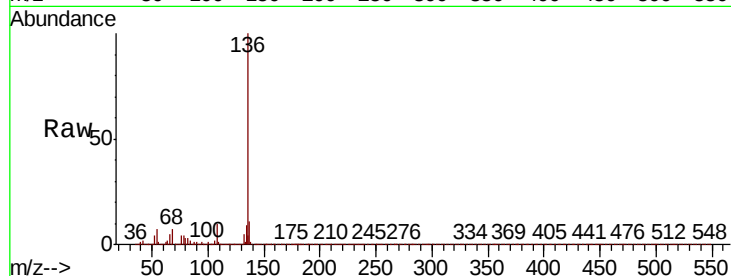




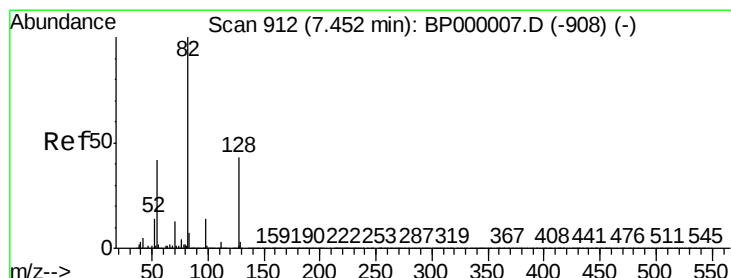
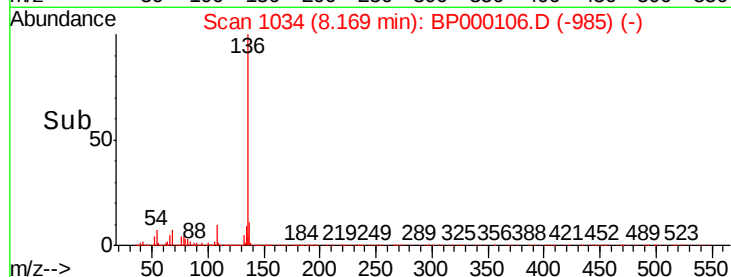
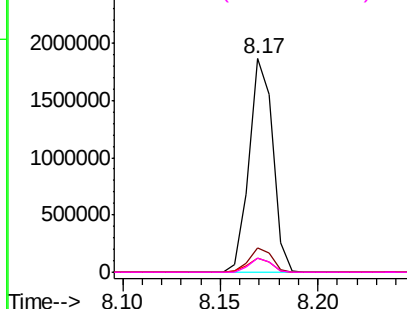
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp: 1571229
Ion Ratio	Lower Upper
136 100	
137 11.1	8.6 13.0
54 6.8	5.4 8.2
68 6.8	5.4 8.0

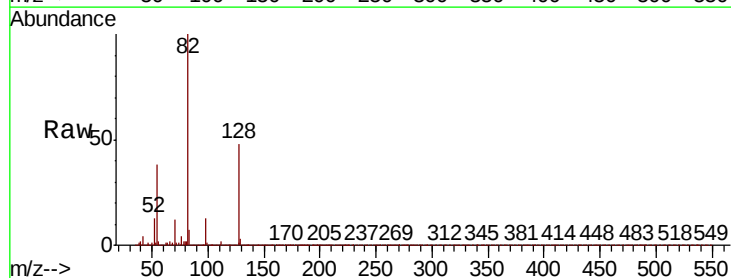


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

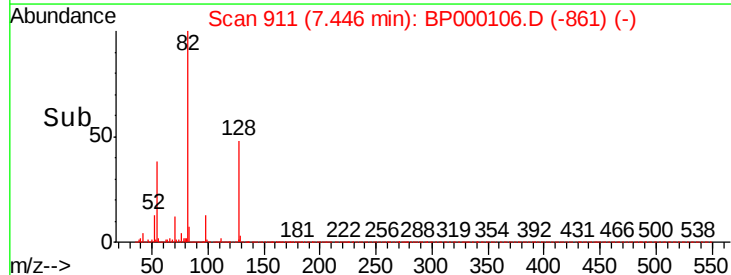
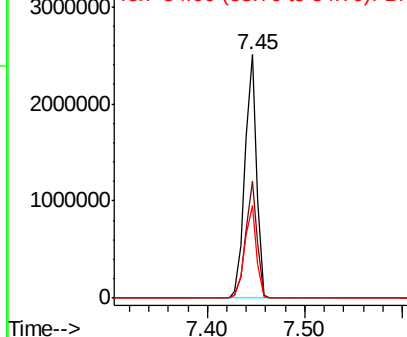


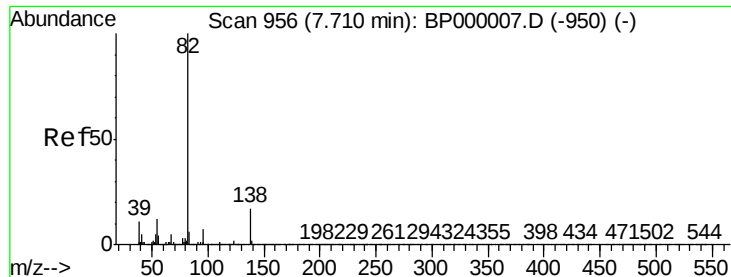
#23
Nitrobenzene-d5
Concen: 80.665 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

Tgt	Ion: 82	Resp: 2065561	
Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.5	51.7
54	38.1	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: 38.145 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

Instrument :

BNA_P

ClientSampleId :

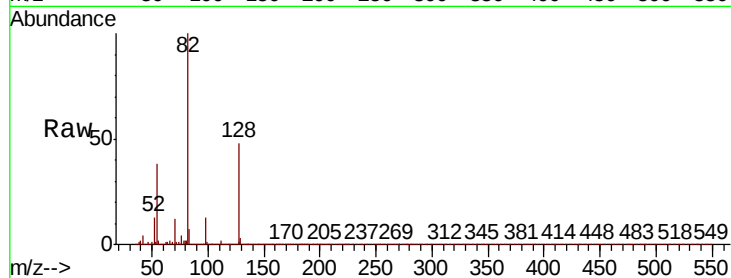
Tot Ion: 82 Resp: 2063836

Ion Ratio Lower Upper

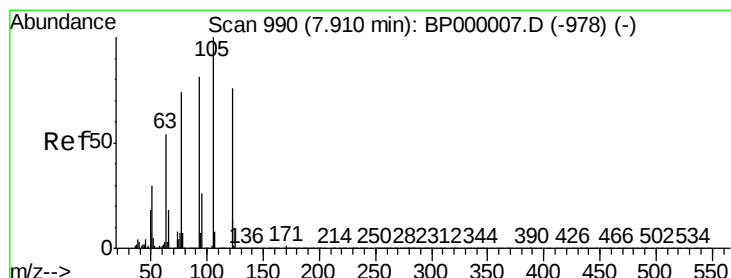
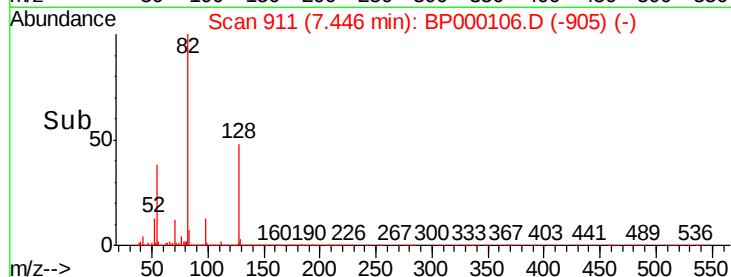
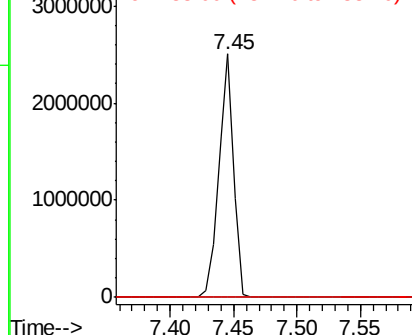
82 100

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): E



#32

Benzoic acid

Concen: 8.069 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

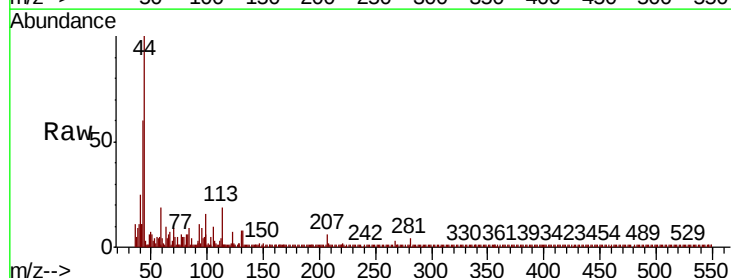
Tgt Ion: 122 Resp: 127

Ion Ratio Lower Upper

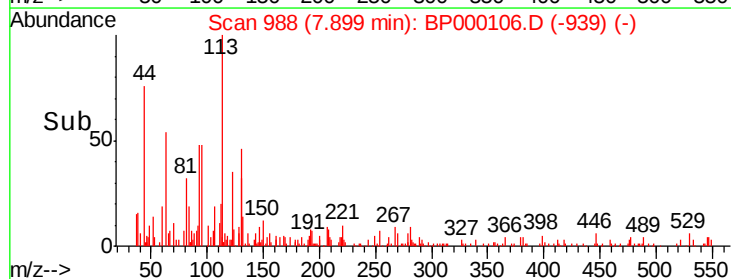
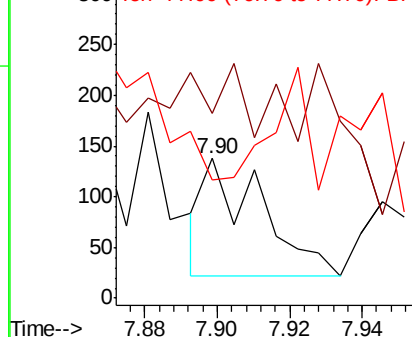
122 100

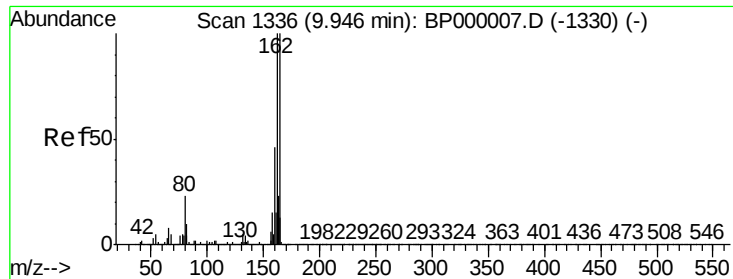
105 131.9 104.6 144.6

77 84.1 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

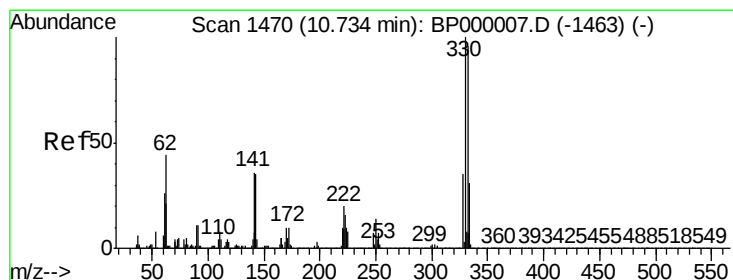
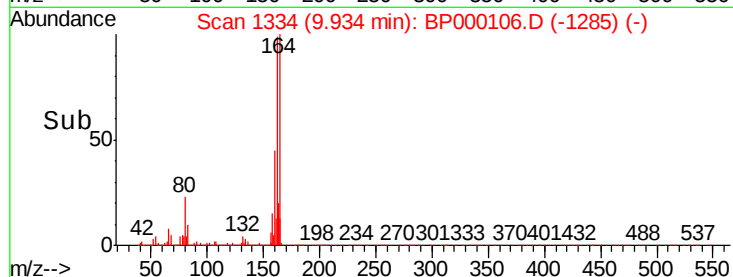
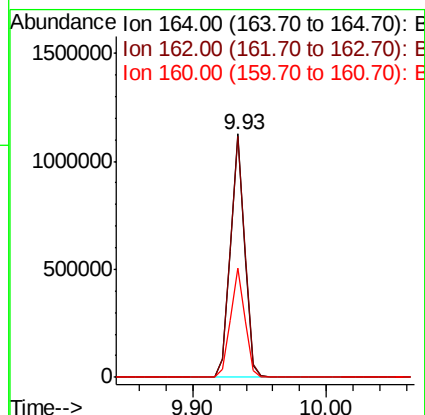
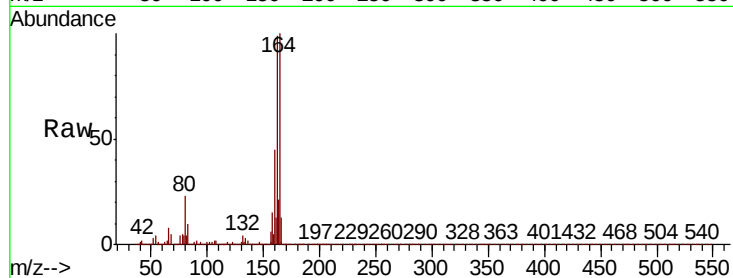




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

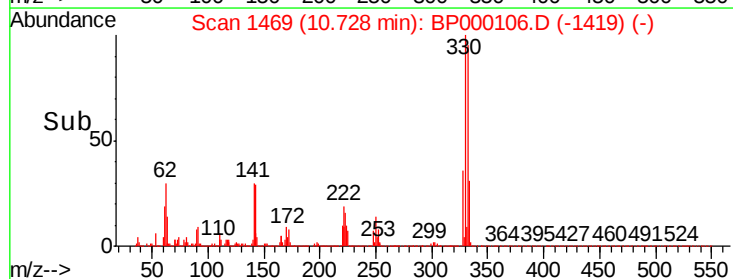
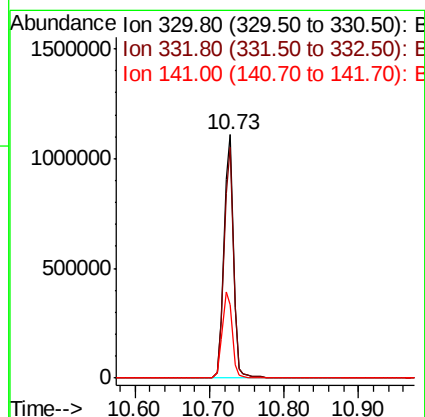
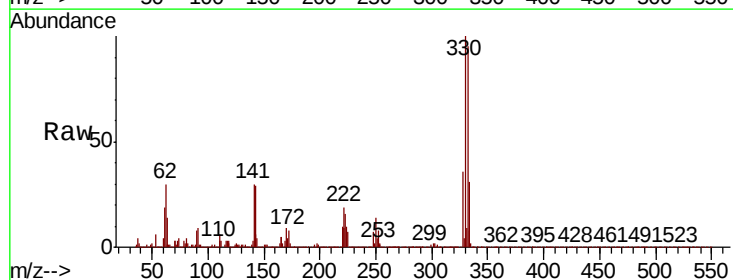
Instrument :
BNA_P
ClientSampled :

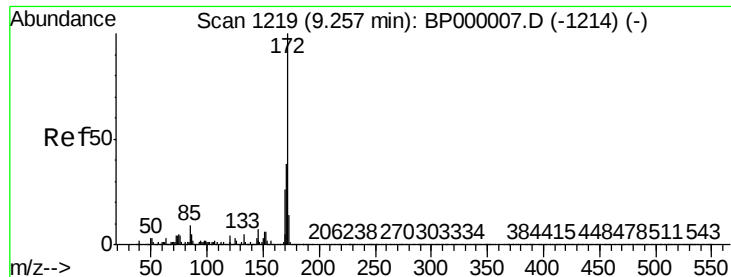
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.2	120.4
160	44.6	36.6	55.0



#42
2,4,6-Tribromophenol
Concen: 136.105 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.8	115.2
141	37.5	33.6	50.4

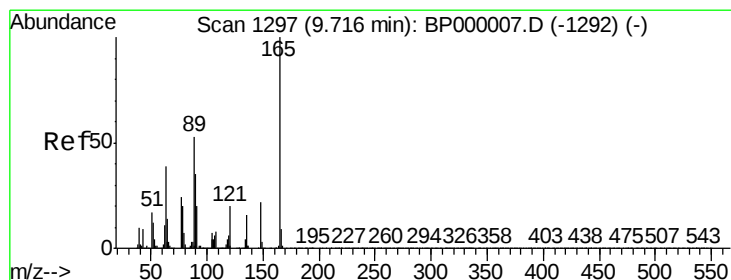
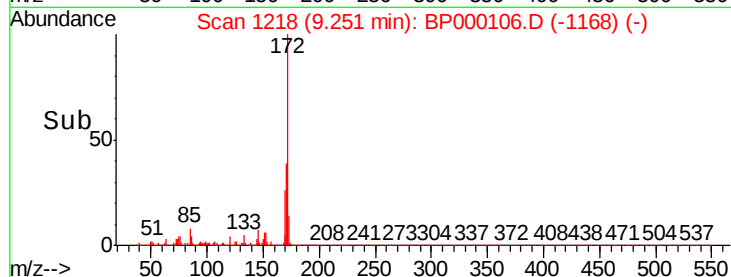
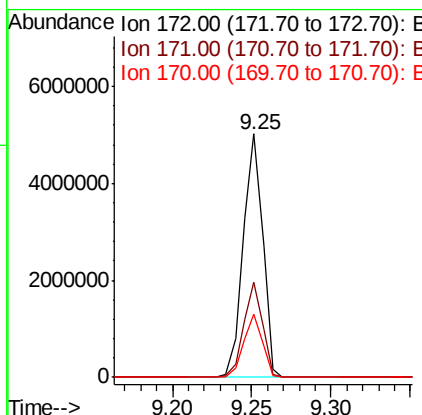
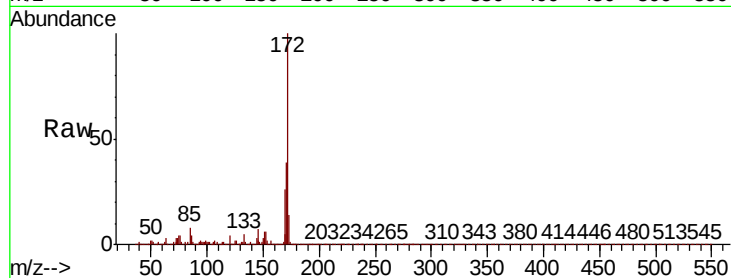




#45
2-Fluorobiphenyl
Concen: 83.930 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

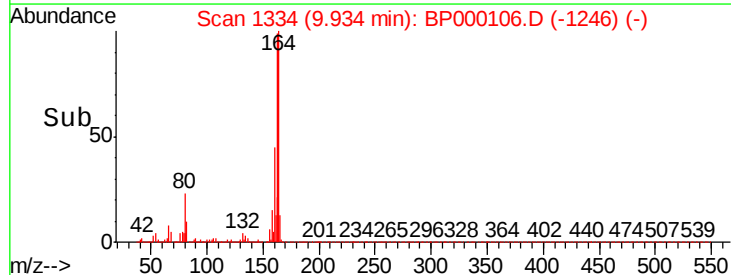
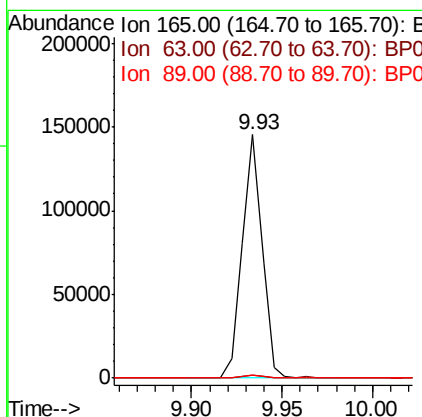
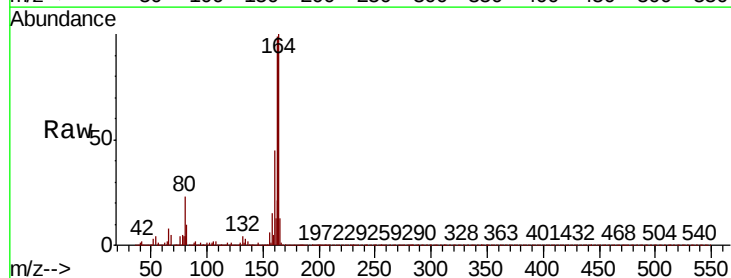
Instrument :
BNA_P
ClientSampleId :

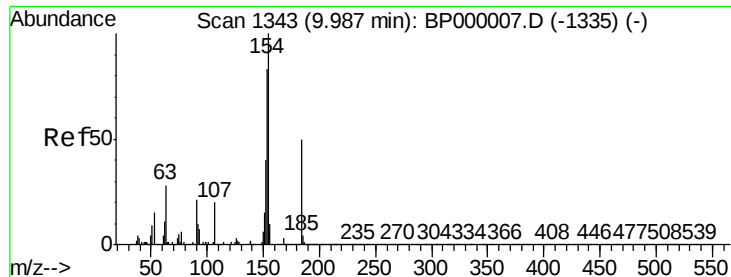
Tot Ion:172 Resp: 4275989
Ion Ratio Lower Upper
172 100
171 39.0 30.7 46.1
170 25.9 20.7 31.1



#51
2,6-Dinitrotoluene
Concen: 9.043 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.22 min
Lab File: BP000106.D
Acq: 08 Sep 2019 22:15

Tgt Ion:165 Resp: 111286
Ion Ratio Lower Upper
165 100
63 1.1 35.8 53.6#
89 1.3 42.2 63.4#





#54

2,4-Dinitrophenol

Concen: 8.706 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.01 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

Instrument :

BNA_P

ClientSampled :

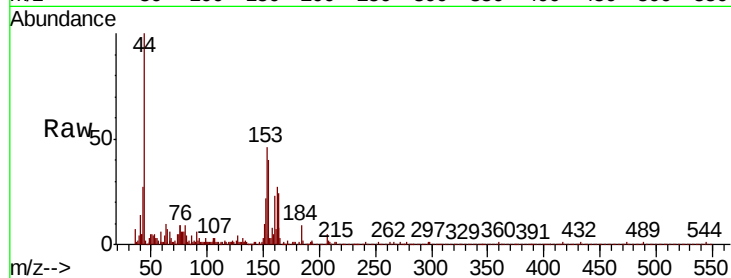
Tot Ion:184 Resp: 300

Ion Ratio Lower Upper

184 100

63 113.3 46.0 69.0#

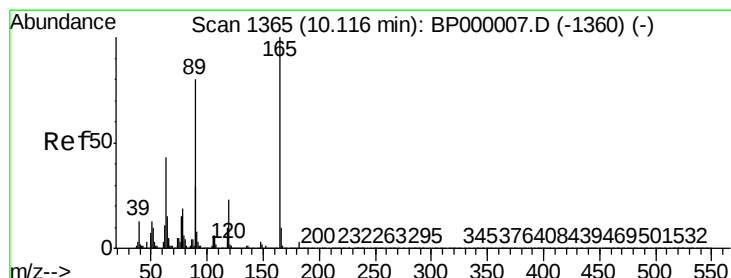
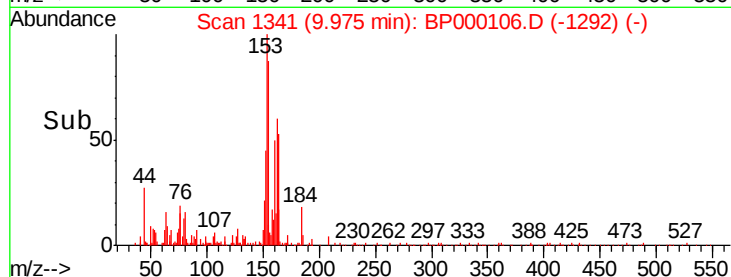
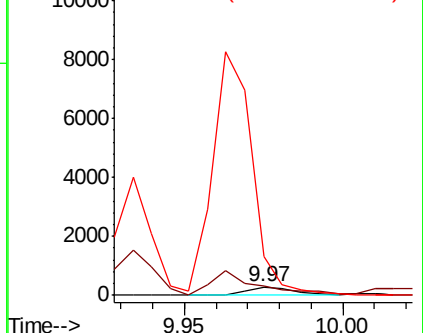
154 468.2 161.9 242.9#



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: 7.090 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.18 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

Tgt Ion:165 Resp: 111386

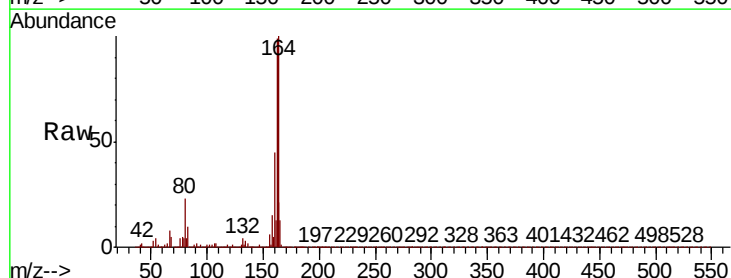
Ion Ratio Lower Upper

165 100

63 1.1 34.4 51.6#

89 1.3 64.3 96.5#

182 0.0 2.2 3.4#

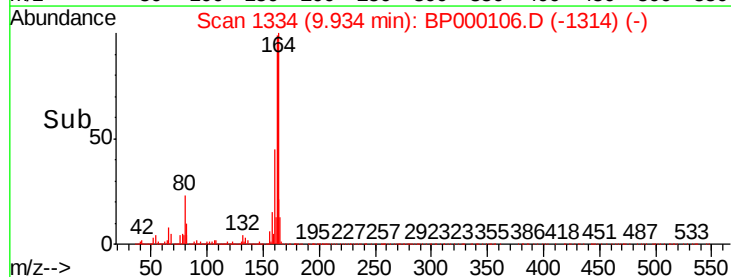
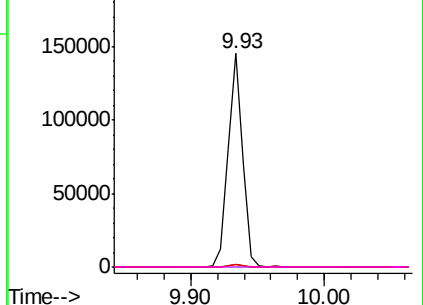


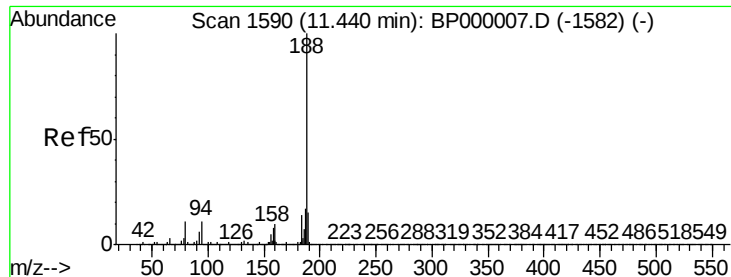
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1588

Delta R.T. -0.01 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

Instrument :

BNA_P

ClientSampled :

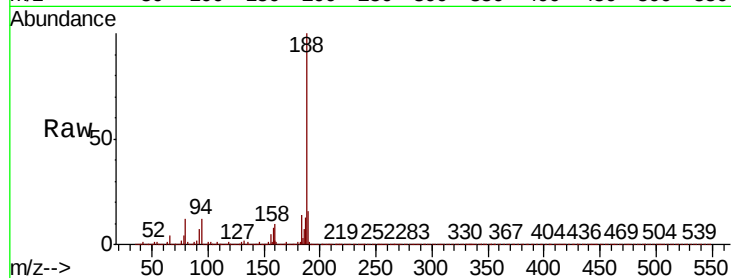
Tot Ion:188 Resp: 1632981

Ion Ratio Lower Upper

188 100

94 11.9 8.8 13.2

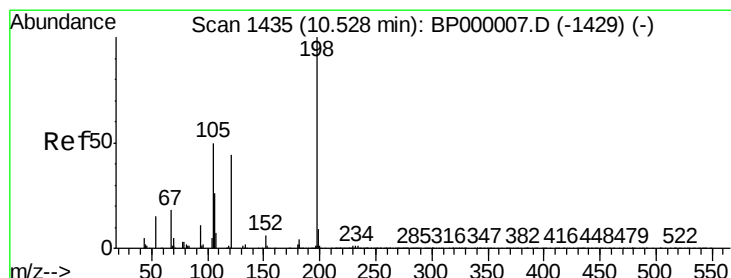
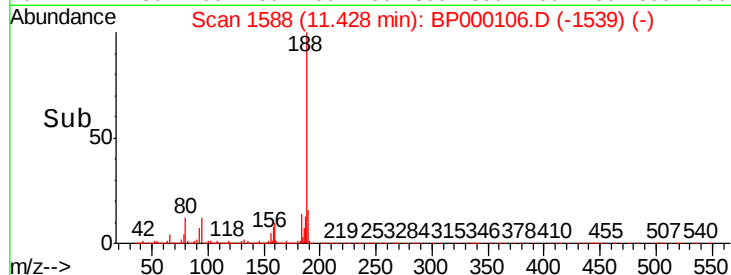
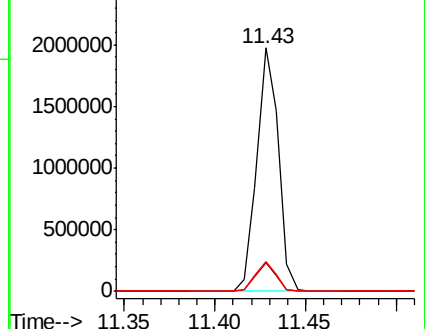
80 12.3 9.0 13.6



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



#65

4,6-Dinitro-2-methylphenol

Concen: 7.764 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

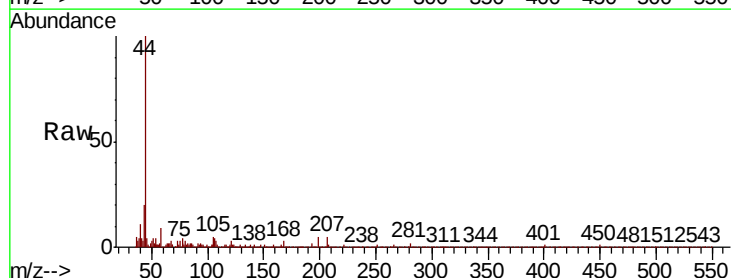
Tgt Ion:198 Resp: 297

Ion Ratio Lower Upper

198 100

51 66.9 22.1 62.1#

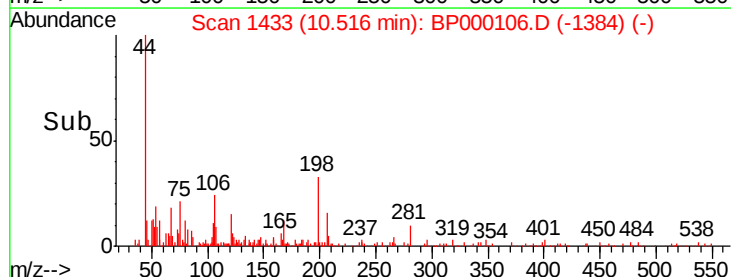
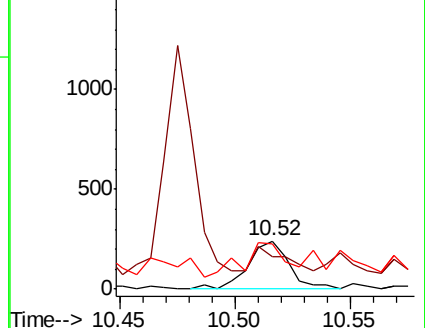
105 94.2 32.0 72.0#

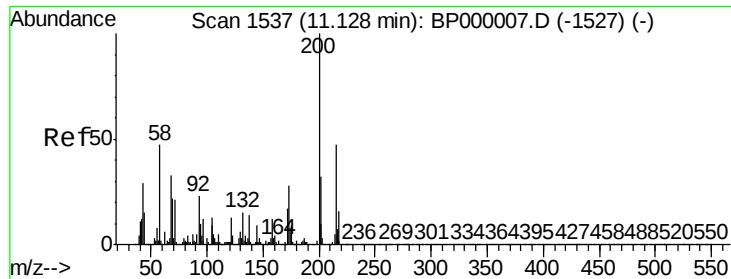


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E





#69

Atrazine

Concen: Below Cal

RT: 11.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

Instrument :

BNA_P

ClientSampleId :

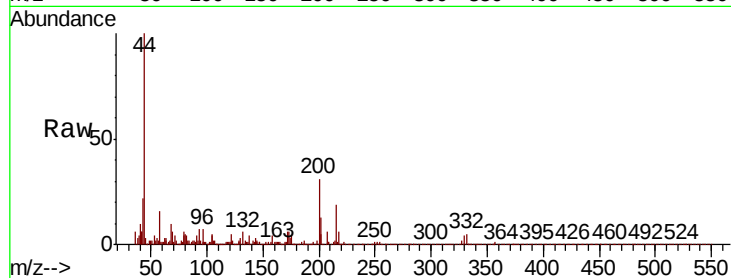
Tot Ion:200 Resp: 1328

Ion Ratio Lower Upper

200 100

173 19.0 8.1 48.1

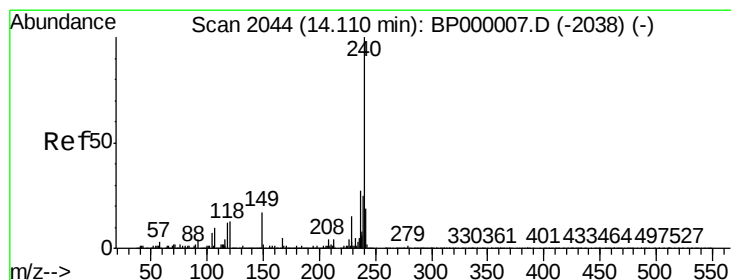
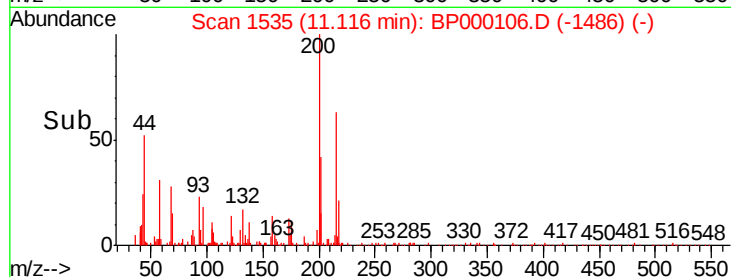
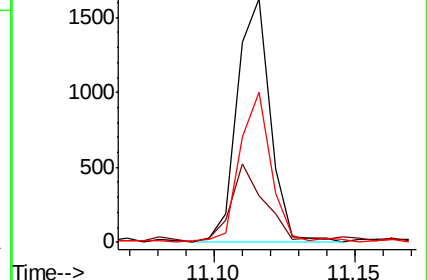
215 61.8 26.7 66.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BP000106.D

Acq: 08 Sep 2019 22:15

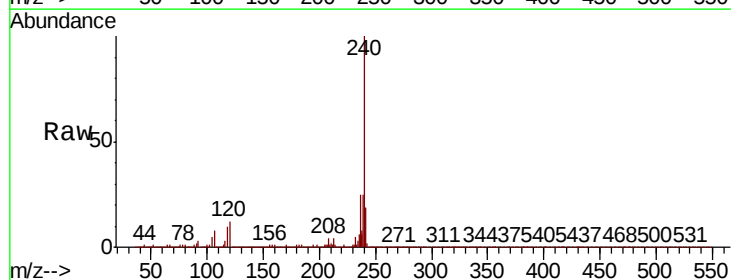
Tgt Ion:240 Resp: 1429464

Ion Ratio Lower Upper

240 100

120 11.5 10.5 15.7

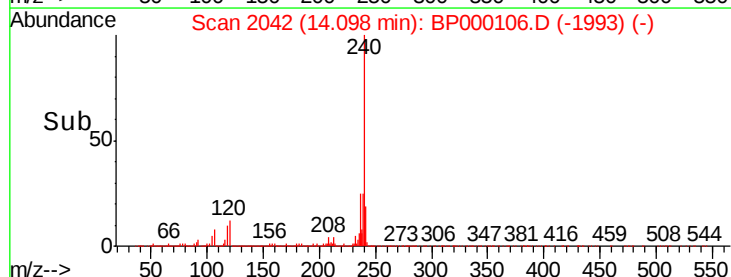
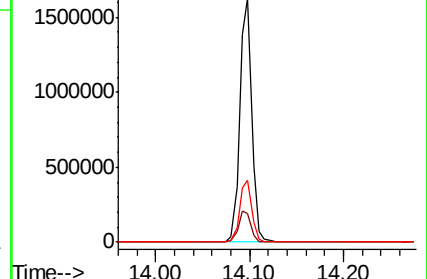
236 25.5 21.5 32.3

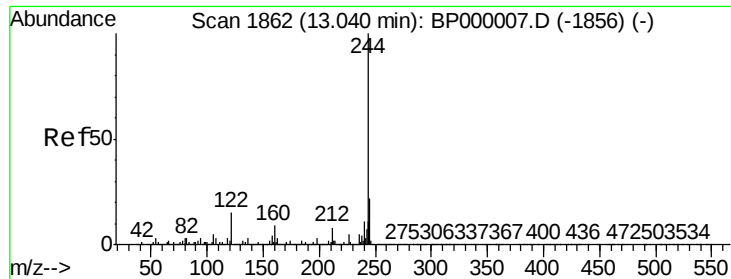


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



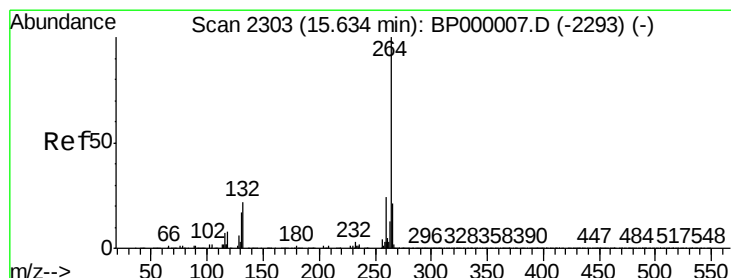
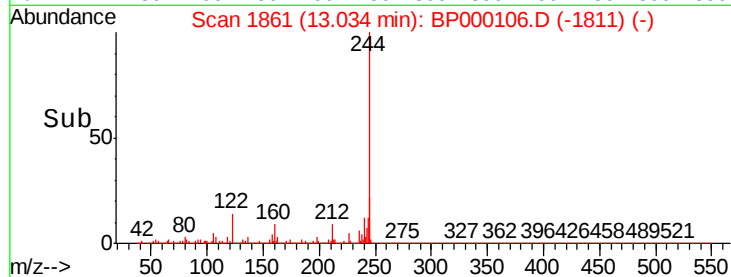
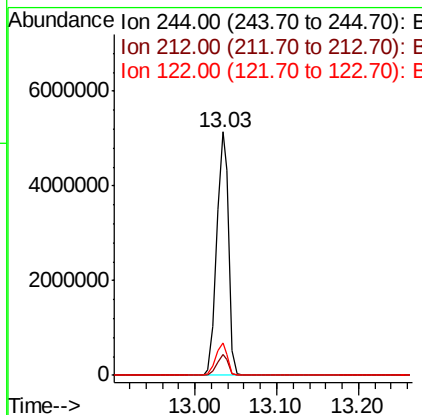
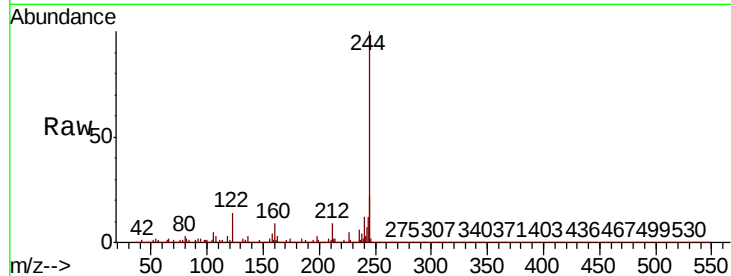


#79
 Terphenyl-d14
 Concen: 79.538 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BP000106.D
 Acq: 08 Sep 2019 22:15

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 5216408

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	13.6	12.3	18.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BP000106.D
 Acq: 08 Sep 2019 22:15

Tgt Ion:264 Resp: 1481831

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	22.2	17.1	25.7

