

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
 Data File : BP000115.D
 Acq On : 09 Sep 2019 01:57
 Operator : HP/JU
 Sample : K4745-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 09 06:41:55 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	422033	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1580041	20.00	ng	-0.01
39) Acenaphthene-d10	9.93	164	859372	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1548189	20.00	ng	-0.01
76) Chrysene-d12	14.09	240	1290101	20.00	ng	-0.02
87) Perylene-d12	15.62	264	1439612	20.00	ng	-0.02

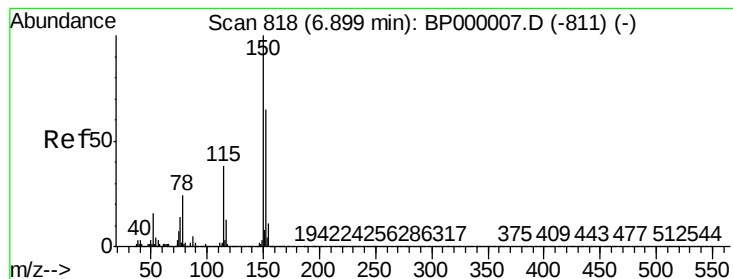
System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	2983356	112.72	ng	0.00
7) Phenol-d6	6.52	99	3818305	114.28	ng	0.00
23) Nitrobenzene-d5	7.45	82	2154945	83.69	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	943179	130.21	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3521001	68.42	ng	0.00
79) Terphenyl-d14	13.03	244	4021158	67.94	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.52	94	113727	3.064	ng	89
19) n-Nitroso-di-n-propylamine	7.45	70	266134	13.996	ng	# 77
25) Isophorone	7.45	82	2154925	39.606	ng	# 66
32) Benzoic acid	7.83	122	1465	8.145	ng	85
50) Dimethylphthalate	9.64	163	482694	8.243	ng	99
54) 2,4-Dinitrophenol	9.97	184	119	8.671	ng	# 1
57) 2,4-Dinitrotoluene	9.93	165	108920	6.864	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.72	198	3095	8.160	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	68064	4.326	ng	# 1
69) Atrazine	11.11	200	142	Below Cal		71

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

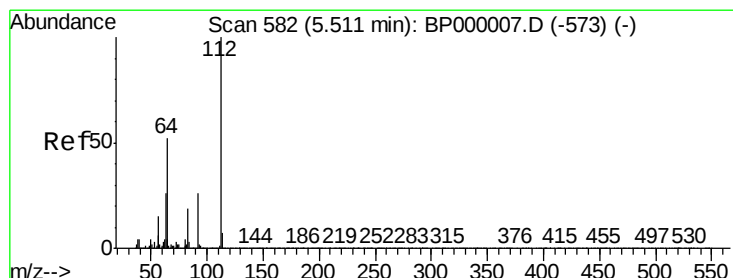
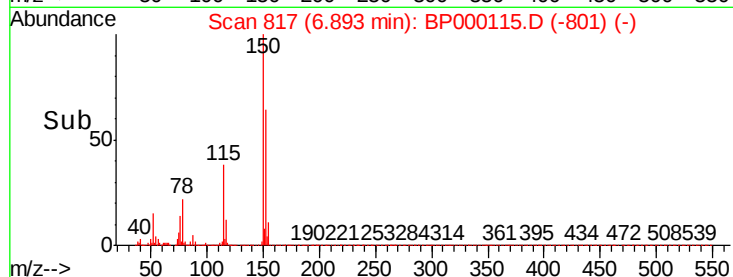
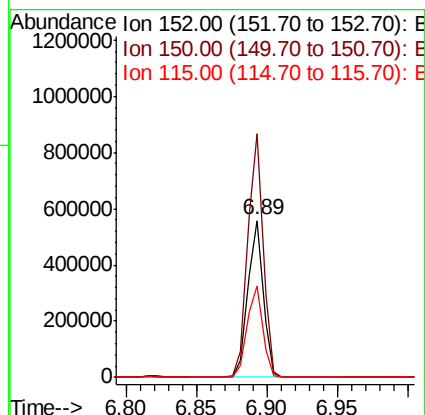
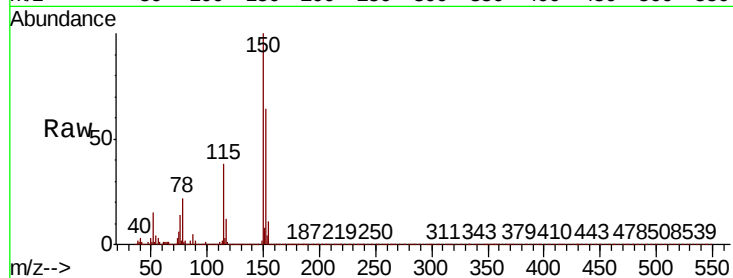


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

Instrument :
BNA_P
ClientSampled :

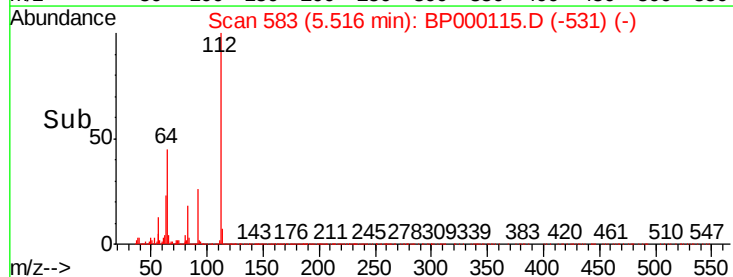
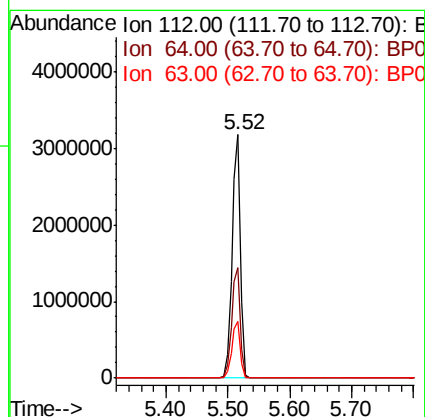
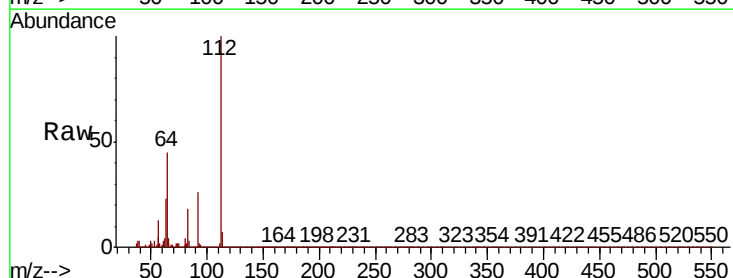
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.0	184.6
115	58.4	46.7	70.1

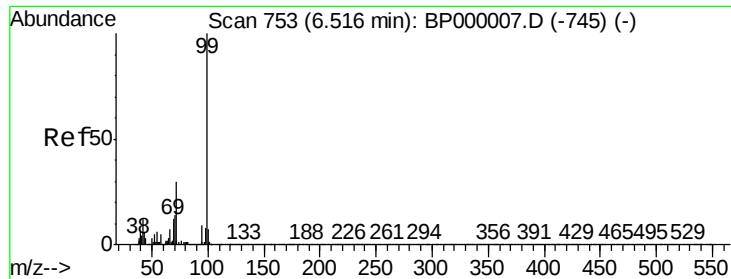


#5

2-Fluorophenol
Concen: 112.724 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.01 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.2	41.8	62.8
63	23.3	21.0	31.4





#7

Phenol-d6

Concen: 114.282 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000115.D

Acq: 09 Sep 2019 01:57

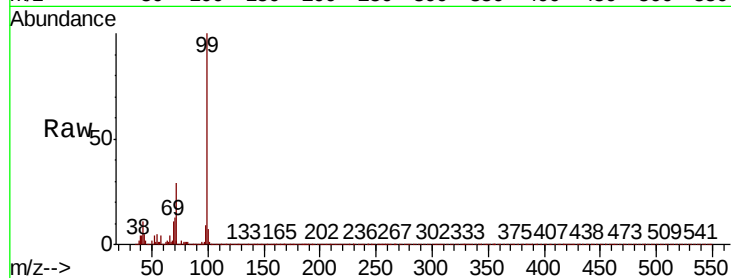
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 3818305

Ion	Ratio	Lower	Upper
99	100		
42	11.0	9.8	14.8
71	29.1	23.8	35.8

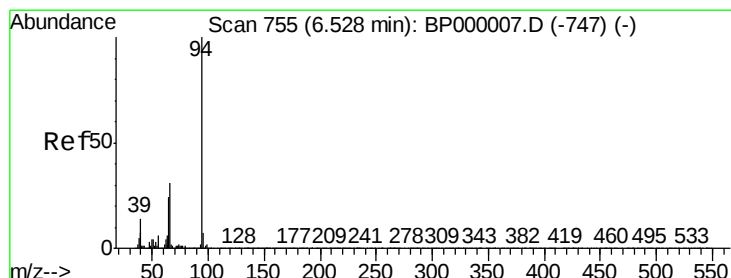
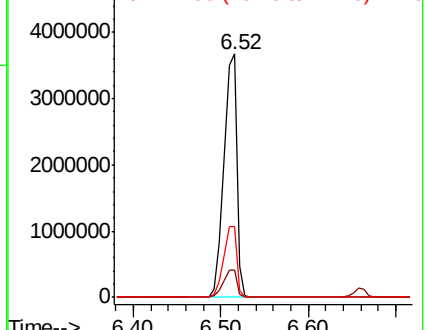
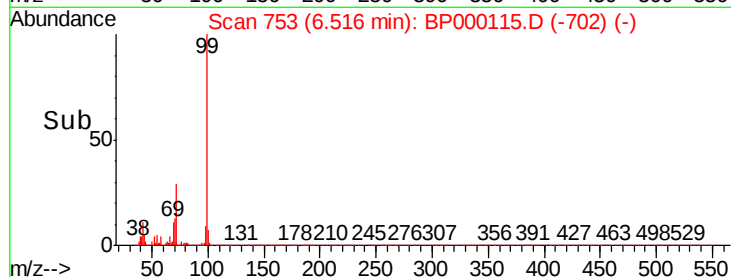


Abundance

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



#10

Phenol

Concen: 3.064 ng

RT: 6.52 min Scan# 754

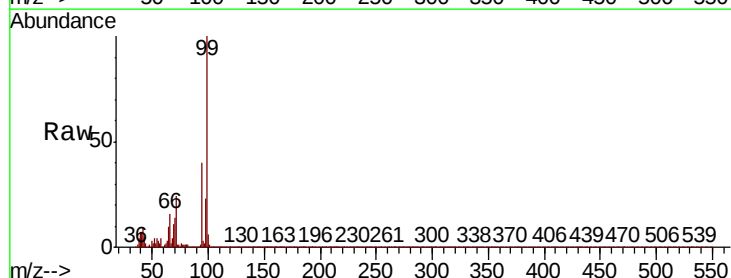
Delta R.T. -0.01 min

Lab File: BP000115.D

Acq: 09 Sep 2019 01:57

Tgt Ion: 94 Resp: 113727

Ion	Ratio	Lower	Upper
94	100		
65	26.0	4.1	44.1
66	40.4	11.4	51.4

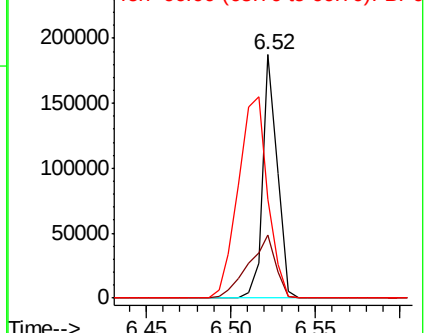
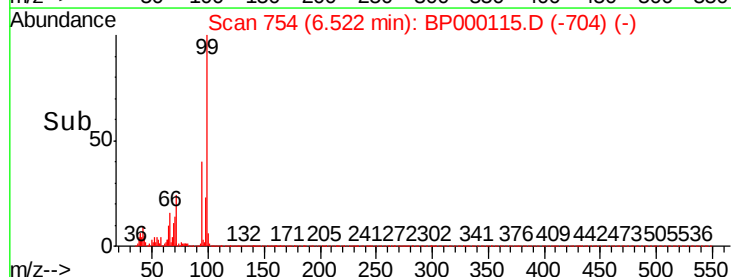


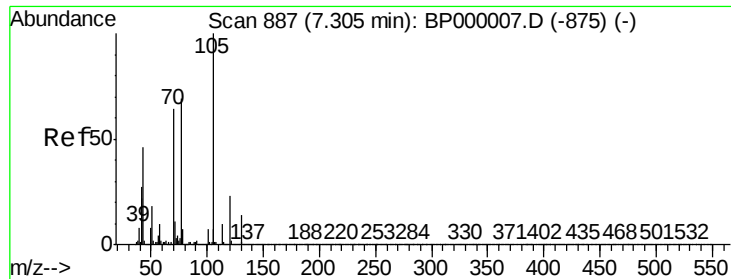
Abundance

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

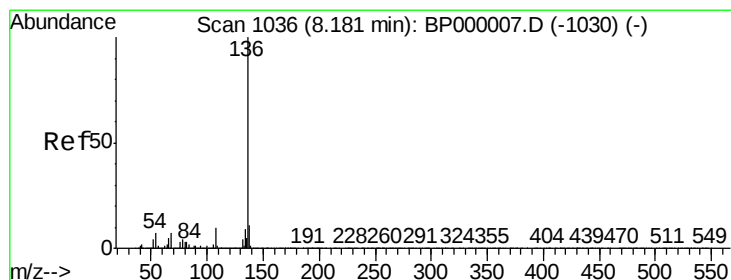
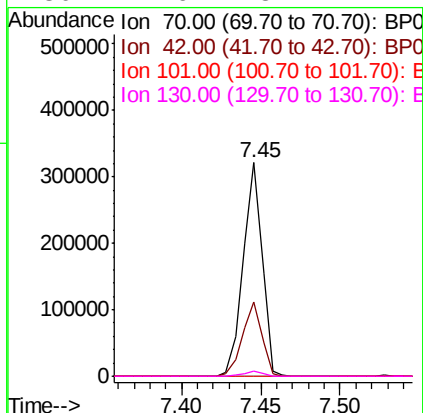
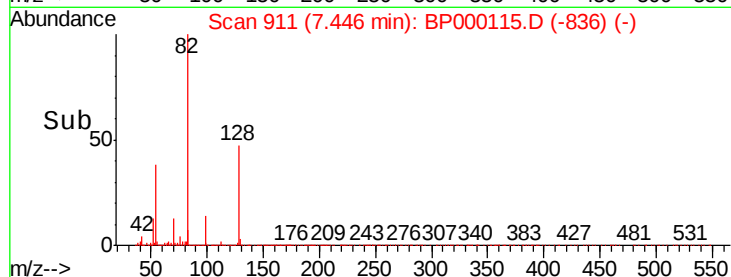
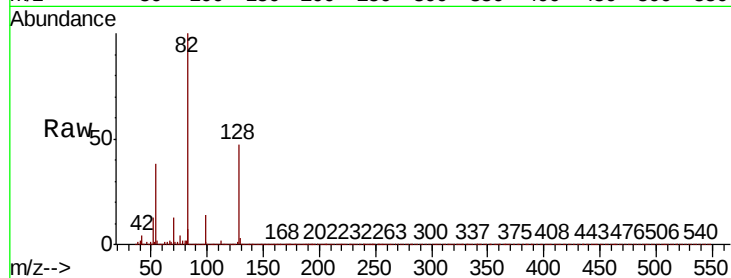




#19
n-Nitroso-di-n-propylamine
Concen: 13.996 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

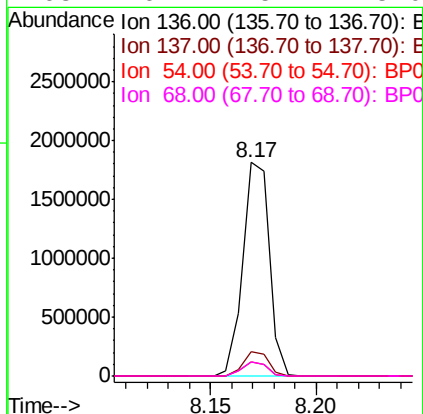
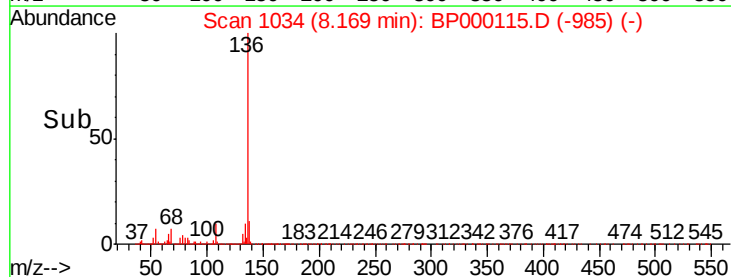
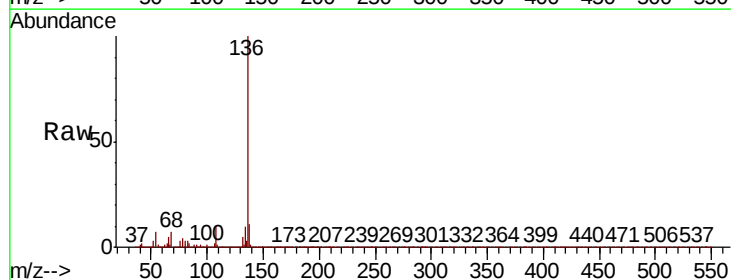
Instrument :
BNA_P
ClientSampleId :

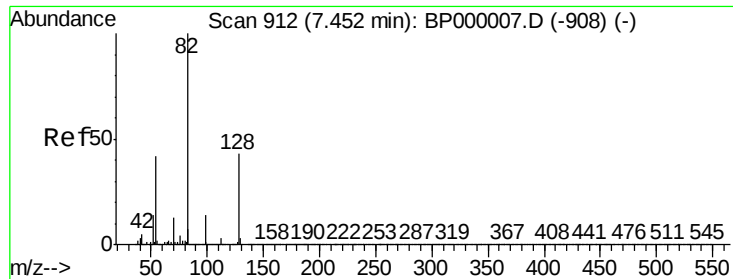
Tot Ion: 70 Resp: 266134
Ion Ratio Lower Upper
70 100
42 34.7 33.8 50.6
101 0.0 8.7 13.1#
130 2.6 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

Tgt Ion: 136 Resp: 1580041
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 6.7 5.4 8.2
68 6.7 5.4 8.0

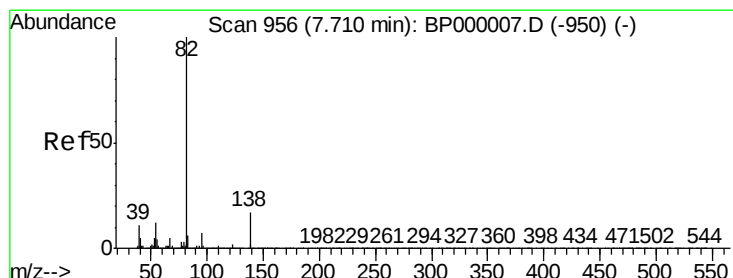
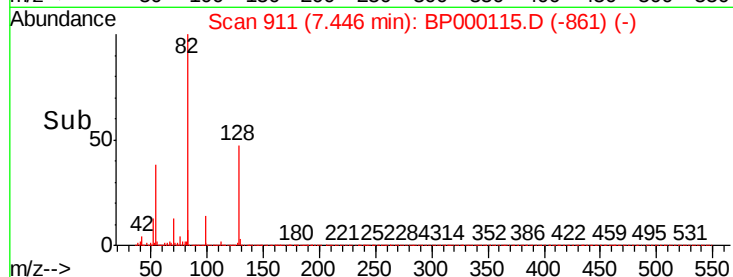
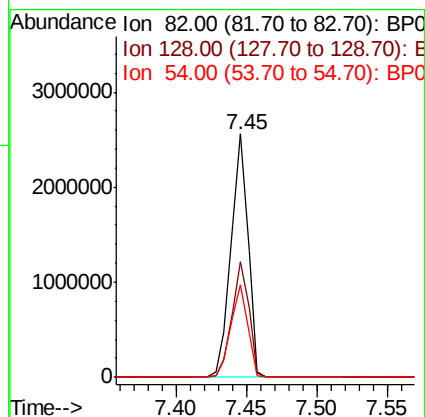
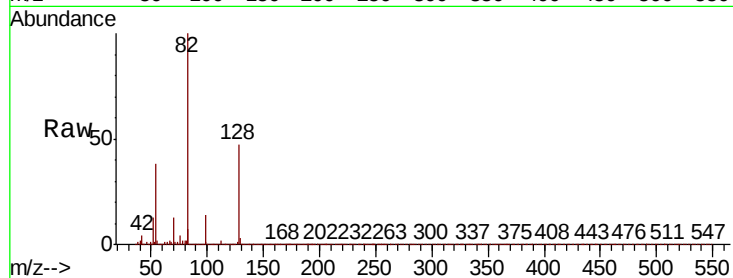




#23
Nitrobenzene-d5
Concen: 83.686 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

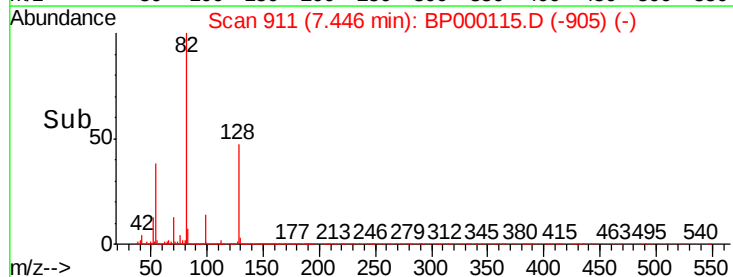
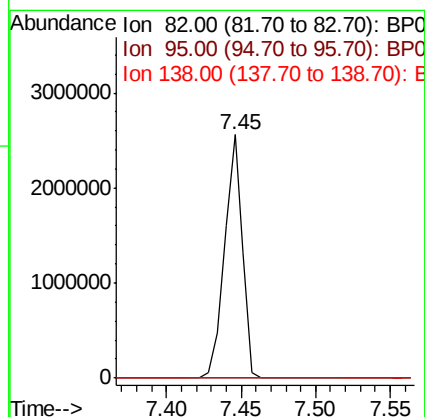
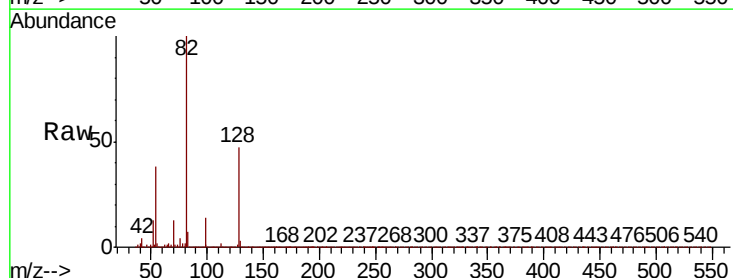
Instrument :
BNA_P
ClientSampleId :

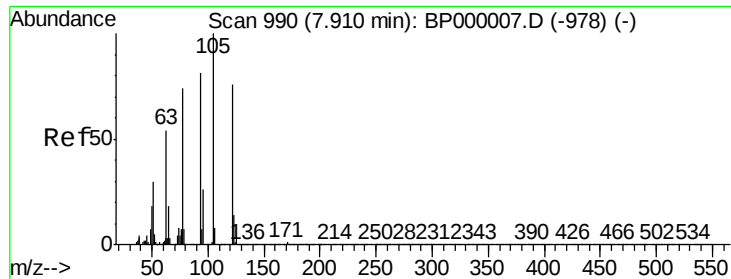
Tot Ion: 82 Resp: 2154945
Ion Ratio Lower Upper
82 100
128 47.4 34.5 51.7
54 38.2 33.2 49.8



#25
Isophorone
Concen: 39.606 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

Tgt Ion: 82 Resp: 2154925
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 13.8 20.6#

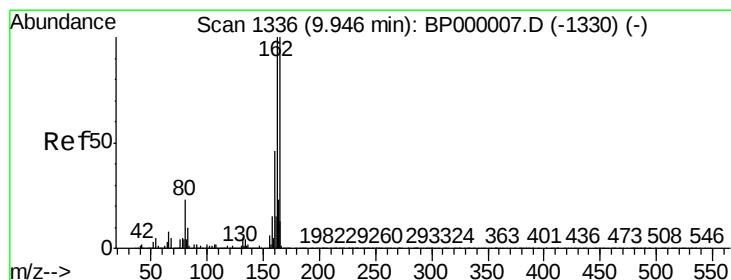
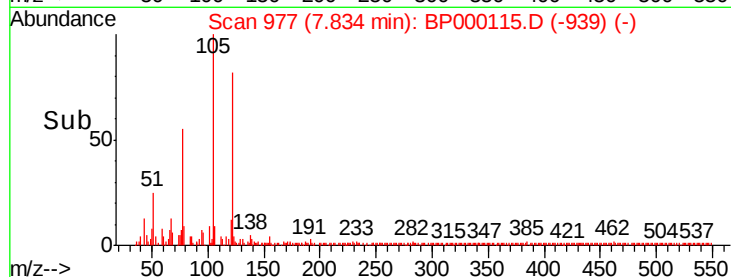
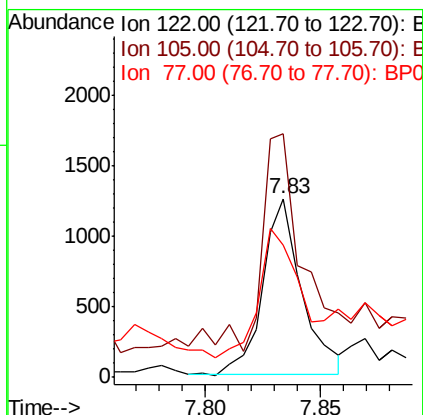
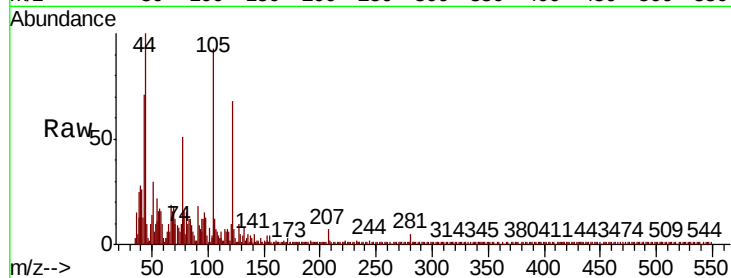




#32
Benzoic acid
Concen: 8.145 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.08 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

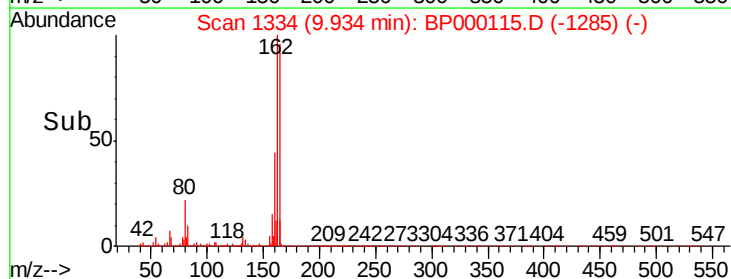
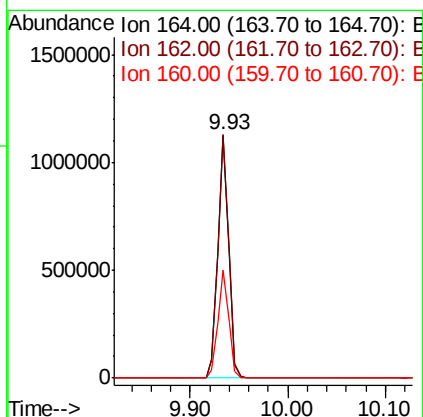
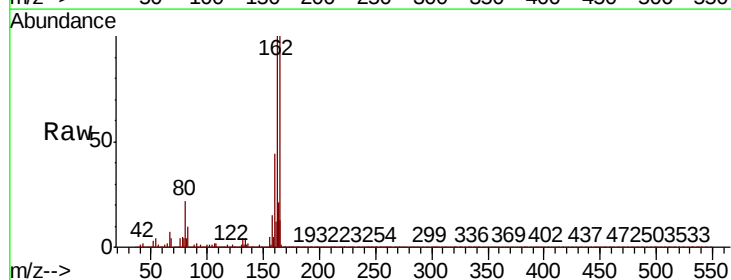
Instrument :
BNA_P
ClientSampleId :

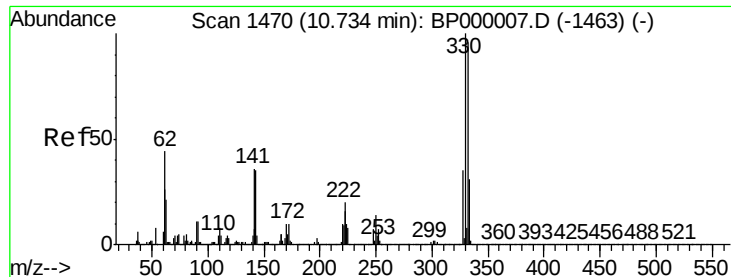
Tot Ion	Ratio	Lower	Upper
122	100		
105	136.3	104.6	144.6
77	74.3	74.1	114.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.2	120.4
160	44.5	36.6	55.0

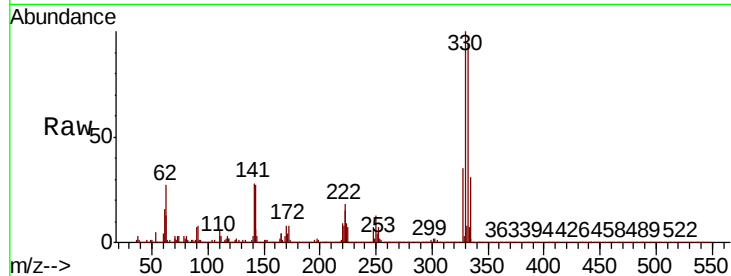




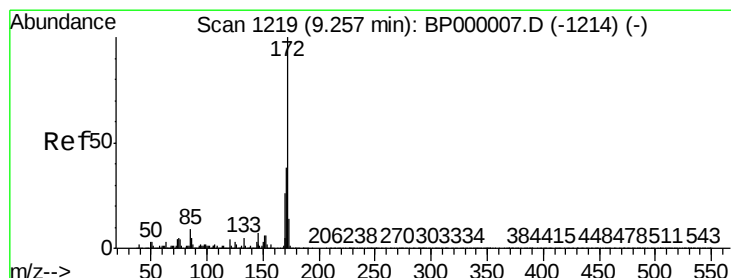
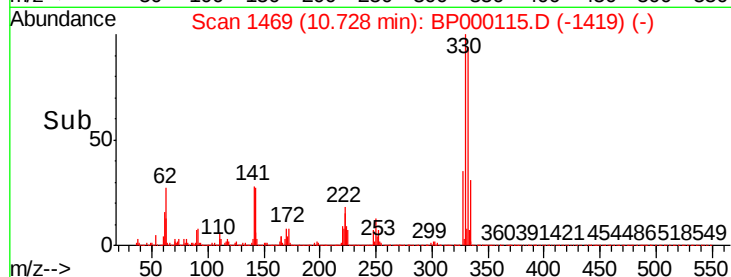
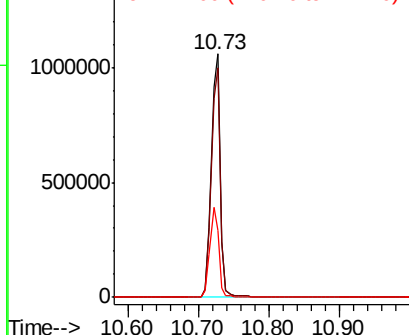
#42
2,4,6-Tribromophenol
Concen: 130.208 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 943179
Ion Ratio Lower Upper
330 100
332 94.8 76.8 115.2
141 36.7 33.6 50.4

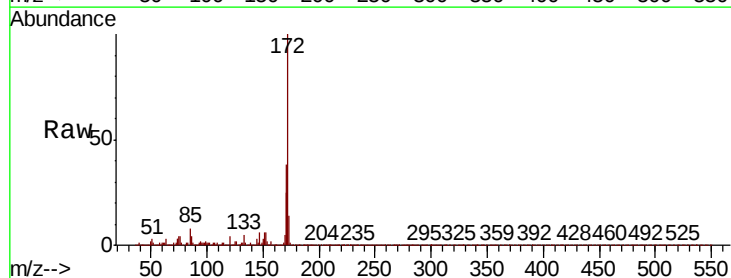


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

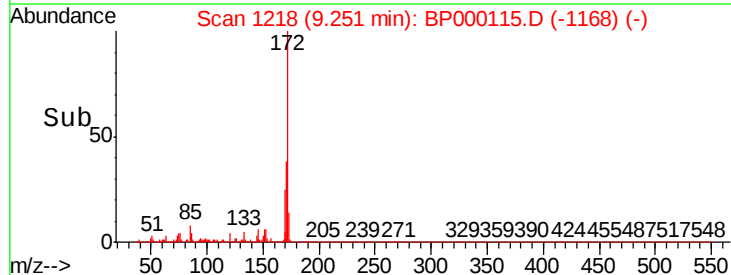
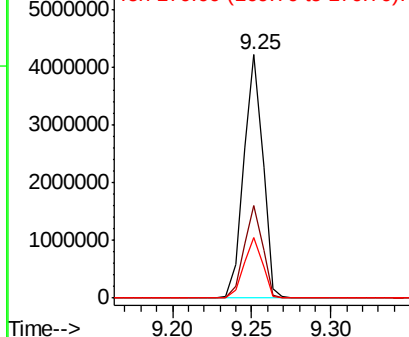


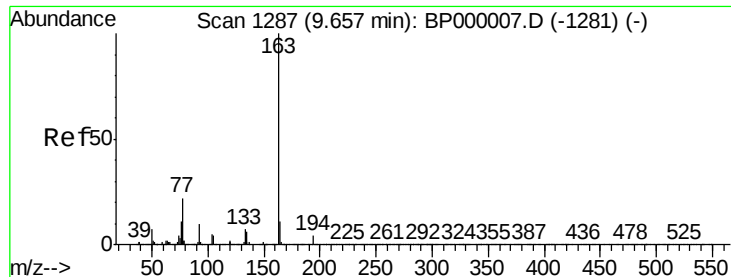
#45
2-Fluorobiphenyl
Concen: 68.423 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

Tgt Ion:172 Resp: 3521001
Ion Ratio Lower Upper
172 100
171 38.2 30.7 46.1
170 25.1 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

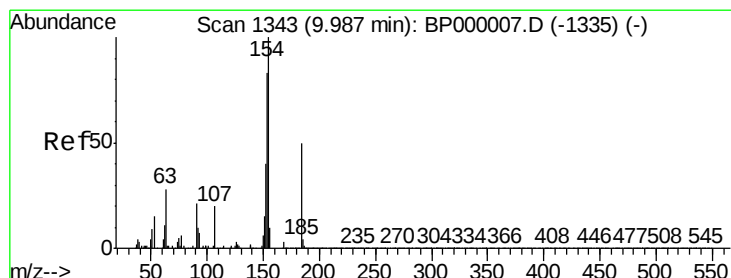
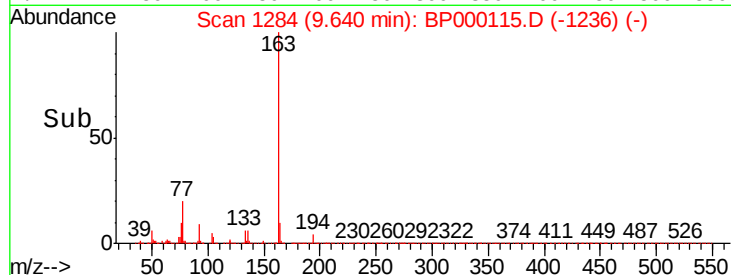
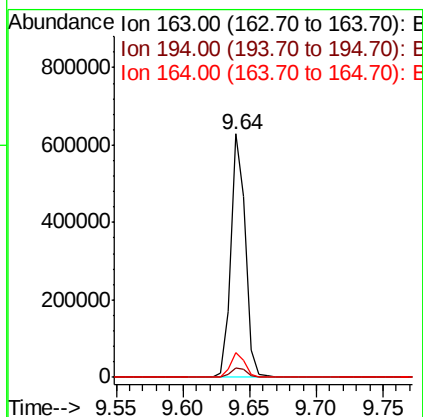
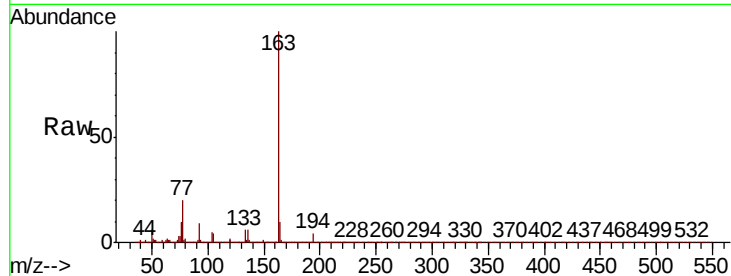




#50
Dimethylphthalate
Concen: 8.243 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

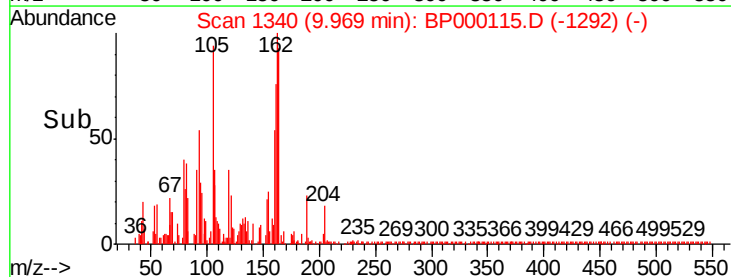
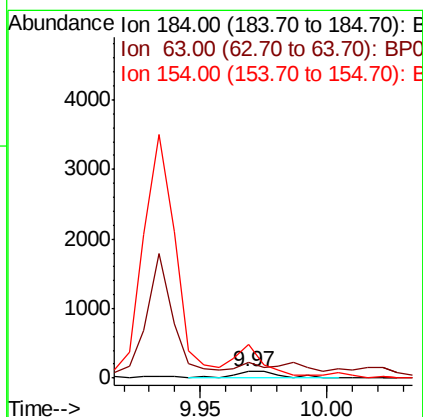
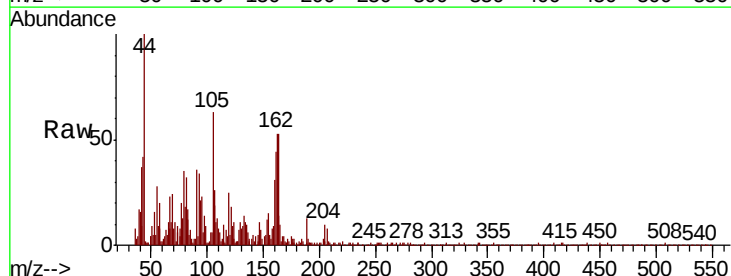
Instrument :
BNA_P
ClientSampleId :

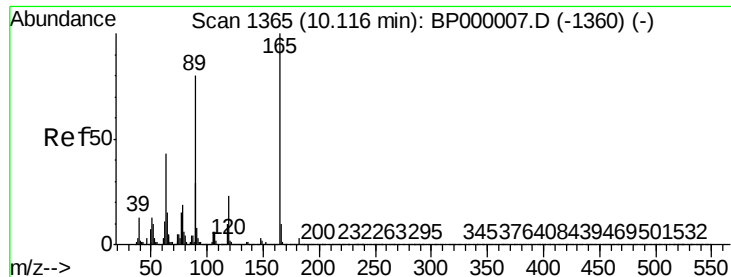
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.3	8.4	12.6



#54
2,4-Dinitrophenol
Concen: 8.671 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	250.0	46.0	69.0#
154	520.7	161.9	242.9#

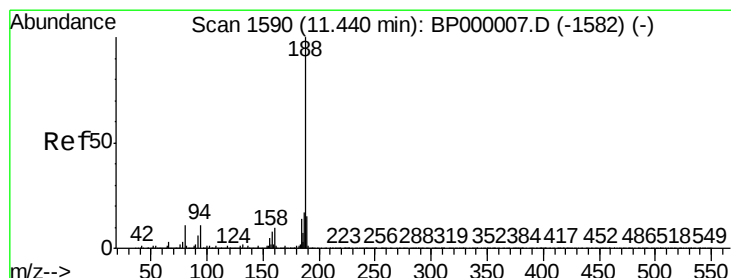
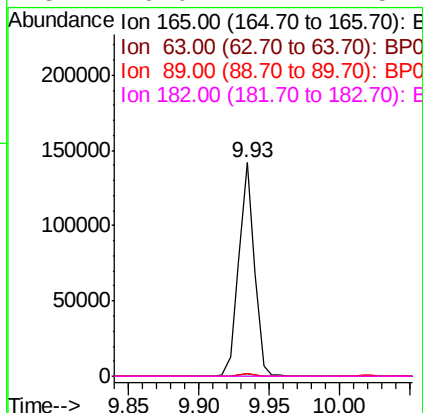
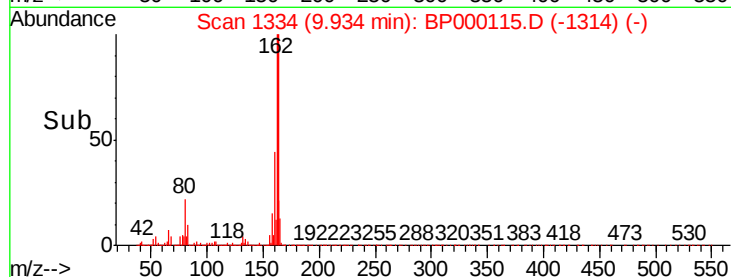
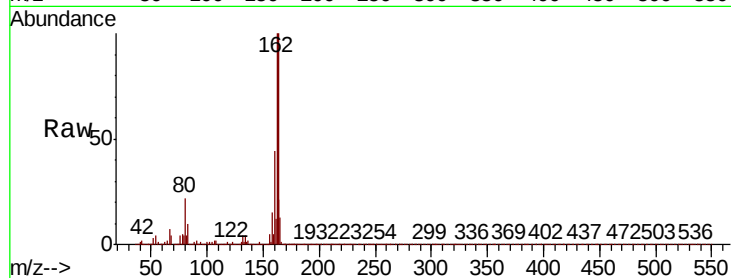




#57
2,4-Dinitrotoluene
Concen: 6.864 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.18 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

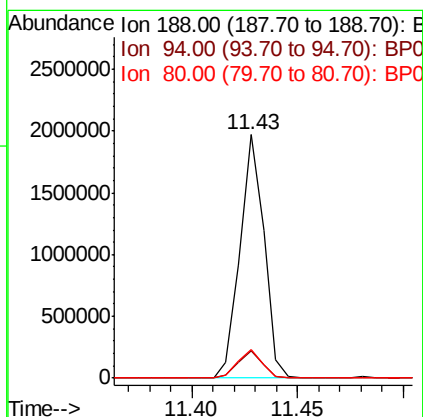
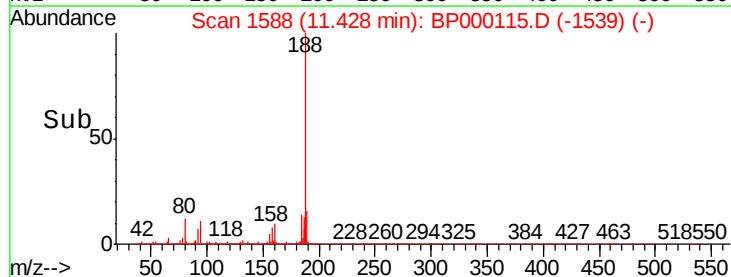
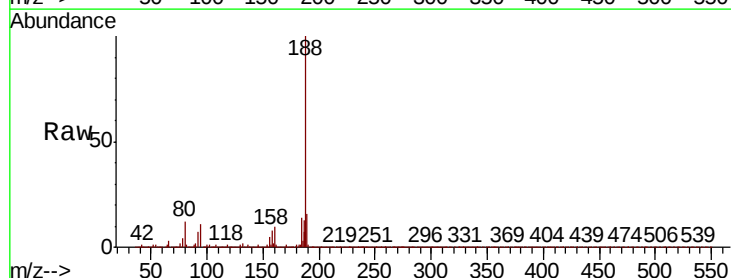
Instrument :
BNA_P
ClientSampleId :

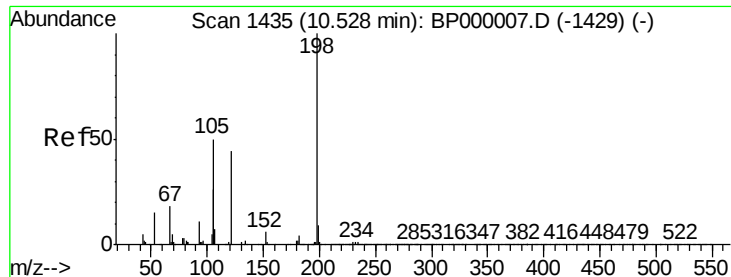
Tot Ion:165 Resp: 108920
Ion Ratio Lower Upper
165 100
63 1.3 34.4 51.6#
89 1.4 64.3 96.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

Tgt Ion:188 Resp: 1548189
Ion Ratio Lower Upper
188 100
94 11.3 8.8 13.2
80 11.6 9.0 13.6

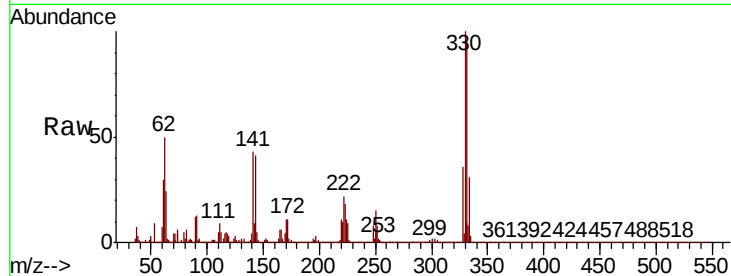




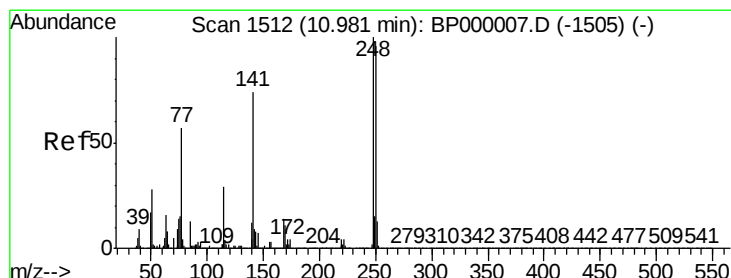
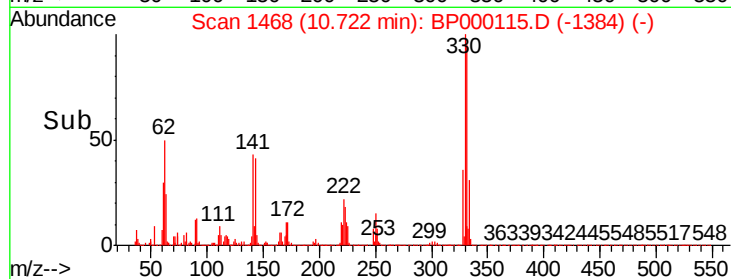
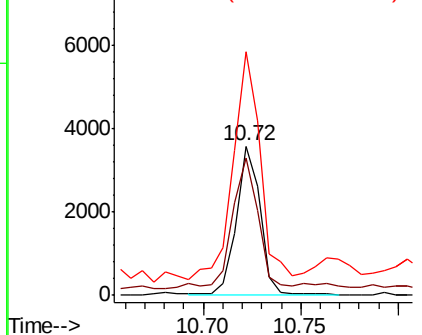
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.160 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. 0.19 min
 Lab File: BP000115.D
 Acq: 09 Sep 2019 01:57

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:198 Resp: 3095
 Ion Ratio Lower Upper
 198 100
 51 91.6 22.1 62.1#
 105 163.0 32.0 72.0#

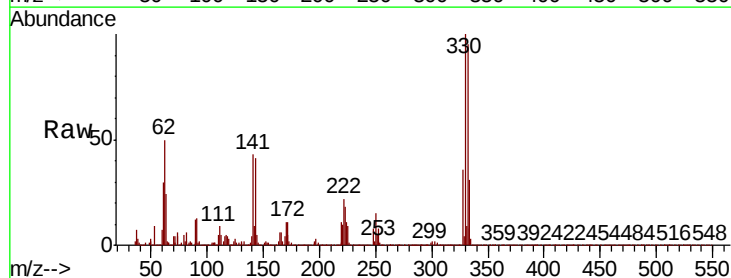


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BP0
 Ion 105.00 (104.70 to 105.70): E

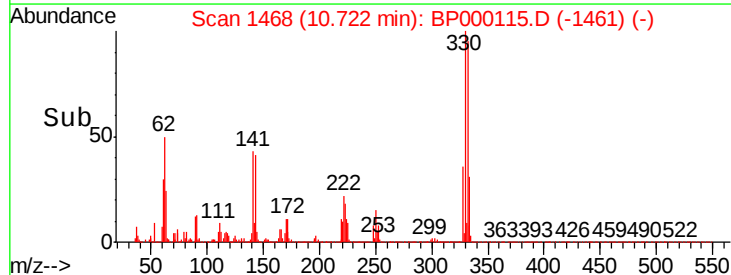
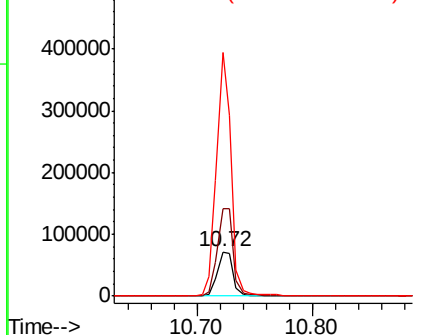


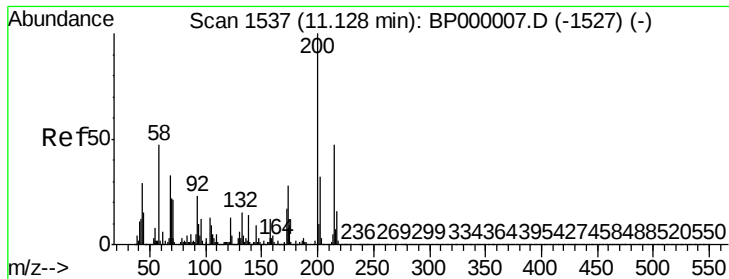
#67
 4-Bromophenyl-phenylether
 Concen: 4.326 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.26 min
 Lab File: BP000115.D
 Acq: 09 Sep 2019 01:57

Tgt Ion:248 Resp: 68064
 Ion Ratio Lower Upper
 248 100
 250 195.8 77.1 115.7#
 141 547.5 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

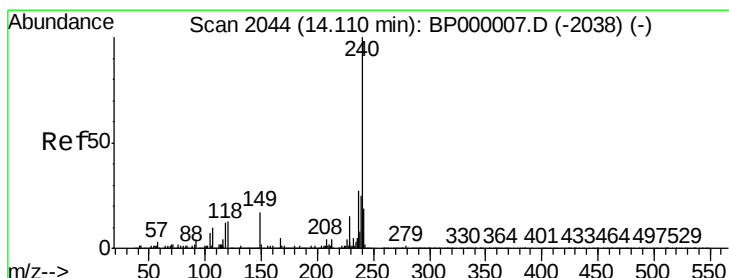
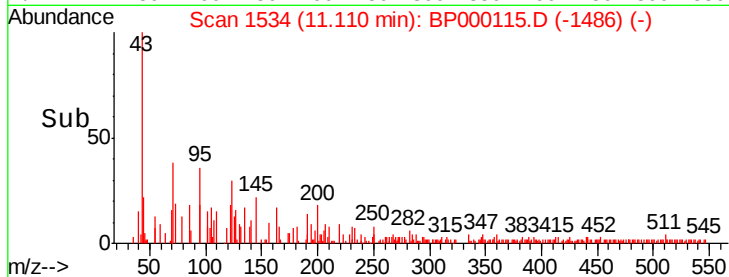
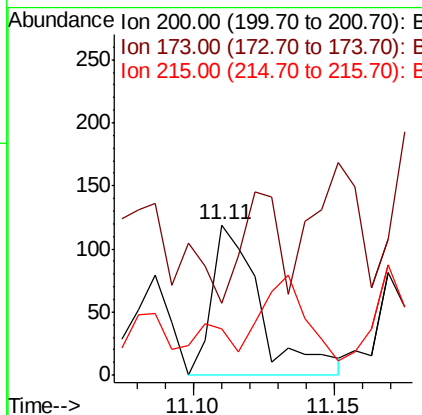
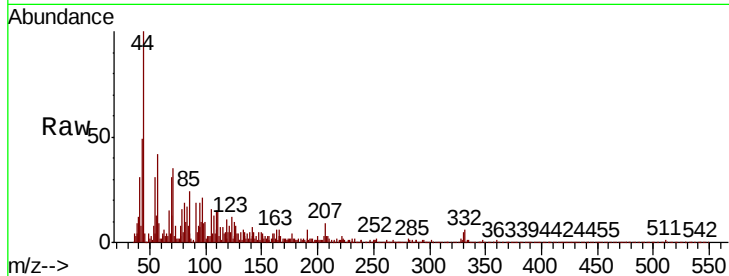




#69
Atrazine
Concen: Below Cal
RT: 11.11 min Scan# 1534
Delta R.T. -0.02 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

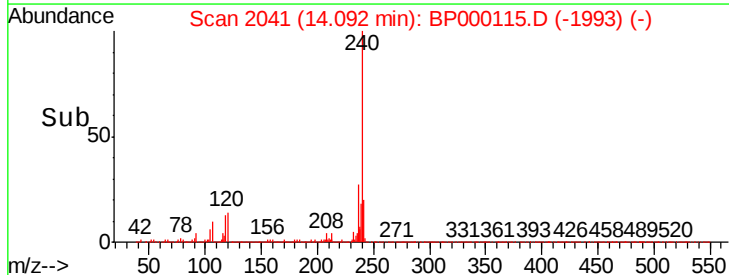
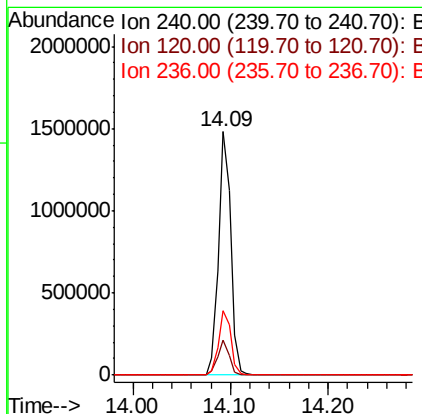
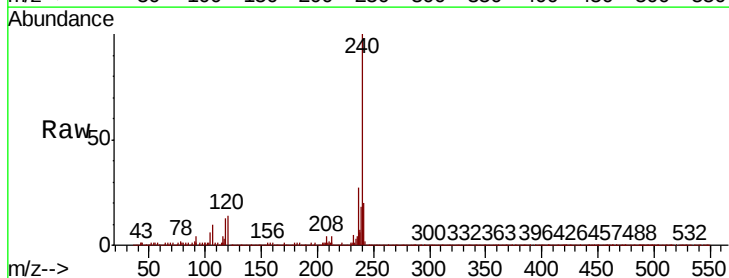
Instrument :
BNA_P
ClientSampled :

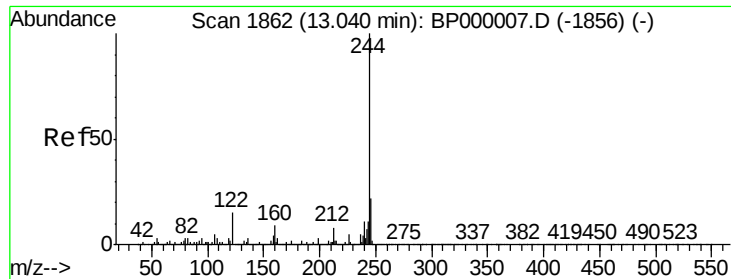
Tot Ion	Ratio	Lower	Upper
200	100		
173	47.9	8.1	48.1
215	31.1	26.7	66.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BP000115.D
Acq: 09 Sep 2019 01:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	10.5	15.7
236	26.7	21.5	32.3

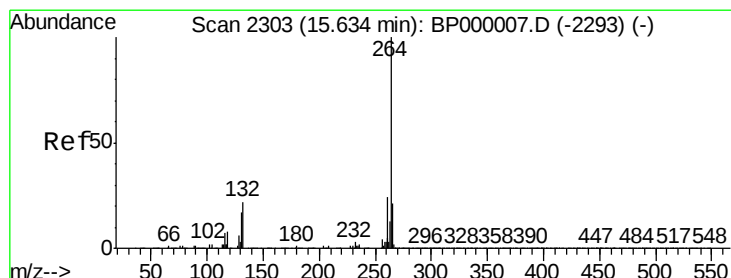
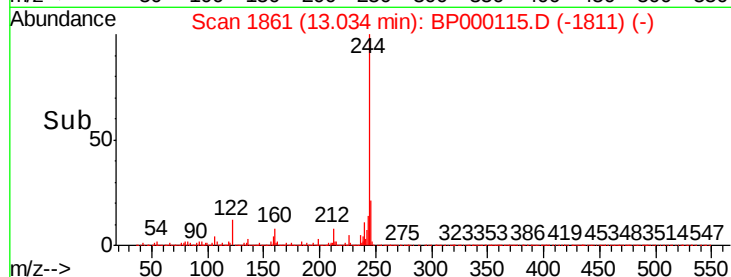
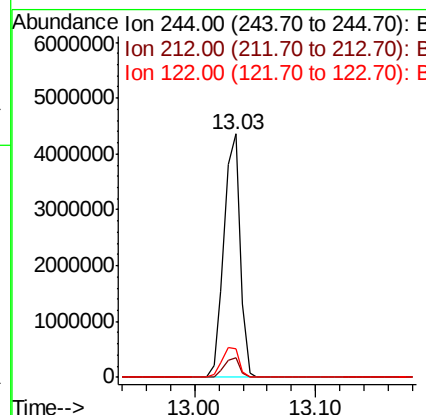
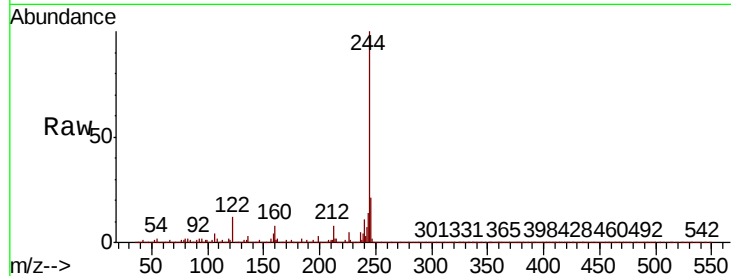




#79
 Terphenyl-d14
 Concen: 67.937 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BP000115.D
 Acq: 09 Sep 2019 01:57

Instrument :
 BNA_P
 ClientSampled :

Tot Ion:244 Resp: 4021158
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.6 10.0
 122 11.8 12.3 18.5#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.62 min Scan# 2300
 Delta R.T. -0.02 min
 Lab File: BP000115.D
 Acq: 09 Sep 2019 01:57

Tgt Ion:264 Resp: 1439612
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 20.9 17.1 25.7

