

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110819\
 Data File : BP001016.D
 Acq On : 08 Nov 2019 16:22
 Operator : JU
 Sample : K5609-12DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 08 17:13:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	177072	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	682630	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	407481	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	858846	20.00	ng	0.00
76) Chrysene-d12	19.30	240	815269	20.00	ng	0.00
87) Perylene-d12	21.08	264	933107	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.28	112	257539	26.47	ng	-0.02
7) Phenol-d6	7.80	99	357410	29.05	ng	-0.02
23) Nitrobenzene-d5	9.24	82	207812	16.84	ng	-0.02
42) 2,4,6-Tribromophenol	14.56	330	132336	27.21	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	532506	19.68	ng	0.00
79) Terphenyl-d14	17.94	244	815261	19.89	ng	0.00

Target Compounds

						Qvalue
6) Aniline	7.97	93	312968	19.479	ng	# 57
8) 2-Chlorophenol	8.03	128	305343	29.599	ng	99
10) Phenol	7.82	94	256693	19.077	ng	96
11) bis(2-Chloroethyl)ether	7.97	93	312968	29.878	ng	99
12) 1,3-Dichlorobenzene	8.28	146	321536	24.843	ng	98
13) 1,4-Dichlorobenzene	8.40	146	200355	15.369	ng	99
14) 1,2-Dichlorobenzene	8.63	146	165314	13.712	ng	99
19) n-Nitroso-di-n-propylamine	9.02	70	186622	25.264	ng	98
24) Nitrobenzene	9.28	77	390366	31.525	ng	99
25) Isophorone	9.67	82	1153363	50.778	ng	99
26) 2-Nitrophenol	9.79	139	192058	41.506	ng	96
29) 2,4-Dichlorophenol	10.18	162	269565	25.774	ng	99
32) Benzoic acid	9.79	122	13014	9.757	ng	# 5
35) Caprolactam	11.32	113	17006	5.152	ng	# 26
36) 4-Chloro-3-methylphenol	11.32	107	540306	49.750	ng	97
37) 2-Methylnaphthalene	11.57	142	535040	22.413	ng	99
38) 1-Methylnaphthalene	11.57	142	535040	23.721	ng	98
43) 2,4,6-Trichlorophenol	12.07	196	225237	27.533	ng	94
44) 2,4,5-Trichlorophenol	12.07	196	225237	25.751	ng	97
47) 2-Chloronaphthalene	12.36	162	793307	32.343	ng	100
49) Acenaphthylene	13.03	152	676333	18.138	ng	100
51) 2,6-Dinitrotoluene	12.93	165	279477	44.467	ng	90
52) Acenaphthene	13.32	154	461231	20.681	ng	97
54) 2,4-Dinitrophenol	13.37	184	14	8.314	ng	# 1
55) Dibenzofuran	13.60	168	778520	22.349	ng	99
56) 4-Nitrophenol	13.47	139	107491	22.548	ng	92
57) 2,4-Dinitrotoluene	13.59	165	335598	42.511	ng	99
60) Diethylphthalate	14.02	149	1128624	37.291	ng	99
61) 4-Chlorophenyl-phenylether	14.19	204	655285	44.704	ng	96
63) Azobenzene	14.19	77	238359	8.999	ng	# 46
65) 4,6-Dinitro-2-methylphenol	14.25	198	17	9.887	ng	# 1
67) 4-Bromophenyl-phenylether	14.99	248	295938	29.271	ng	98
68) Hexachlorobenzene	15.06	284	285422	24.361	ng	99
71) Phenanthrene	15.77	178	580223	13.200	ng	98

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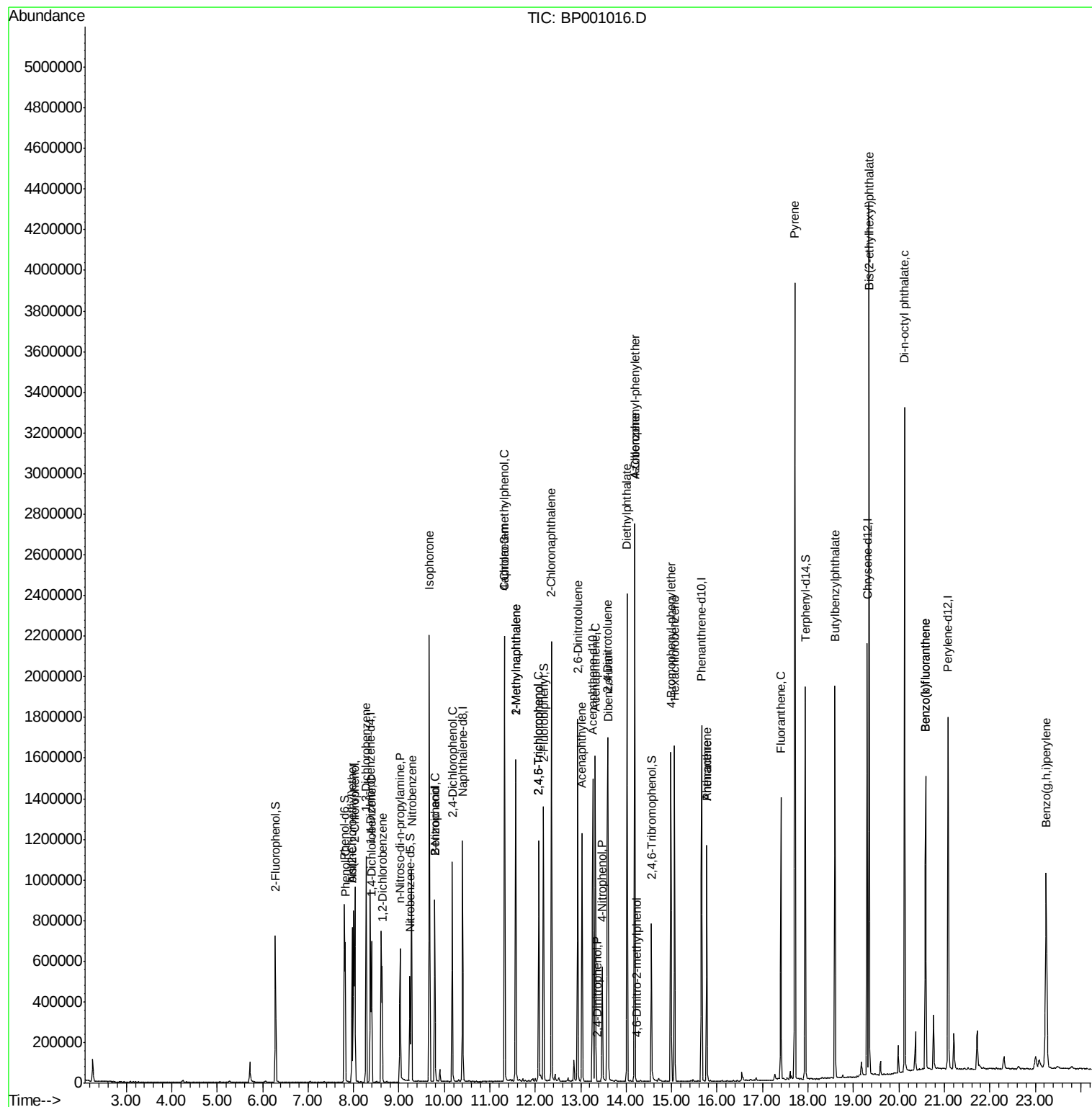
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) Anthracene	15.77	178	580223	13.531	nq	99
75) Fluoranthene	17.40	202	672849	13.542	nq	98
78) Pyrene	17.71	202	1894251	32.877	nq	100
80) Butylbenzylphthalate	18.59	149	505475	22.157	nq	99
84) Bis(2-ethylhexyl)phthalate	19.35	149	1469861	50.673	nq	99
85) Di-n-octyl phthalate	20.13	149	2018228	38.649	nq	99
88) Benzo(b)fluoranthene	20.59	252	728879	13.104	nq	99
89) Benzo(k)fluoranthene	20.59	252	728879	13.921	nq	99
92) Benzo(a,h,i)perylene	23.24	276	926166	17.621	nq	97

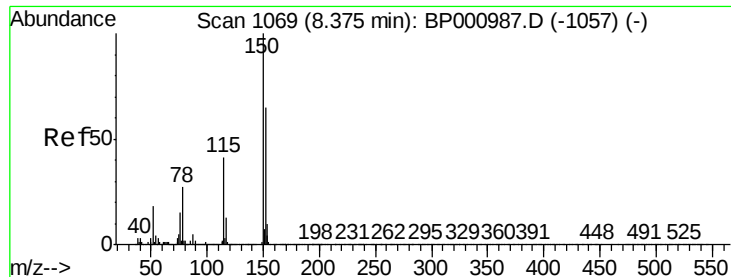
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

Instrument :

BNA_P

ClientSampleId :

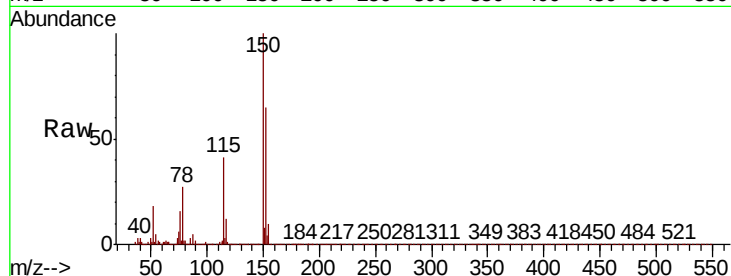
Tot Ion:152 Resp: 177072

Ion Ratio Lower Upper

152 100

150 154.1 123.6 185.4

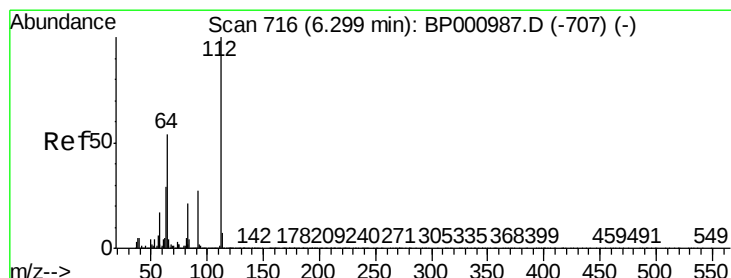
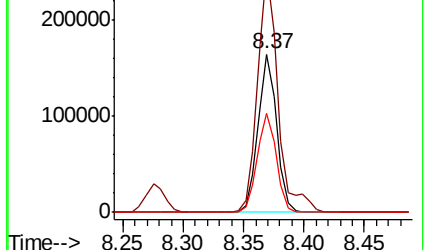
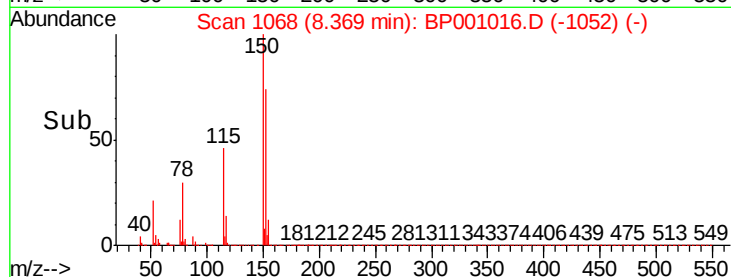
115 62.4 50.1 75.1



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: 26.473 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.02 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

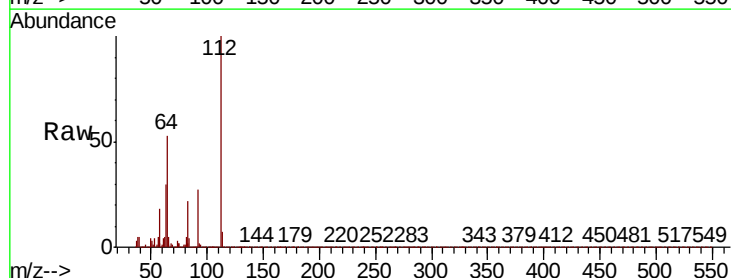
Tgt Ion:112 Resp: 257539

Ion Ratio Lower Upper

112 100

64 53.2 43.4 65.0

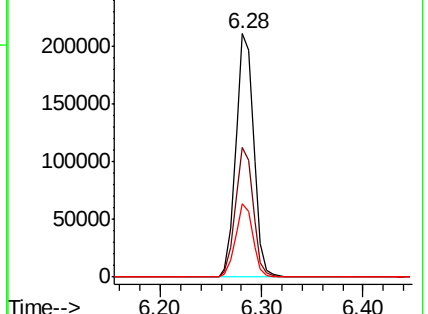
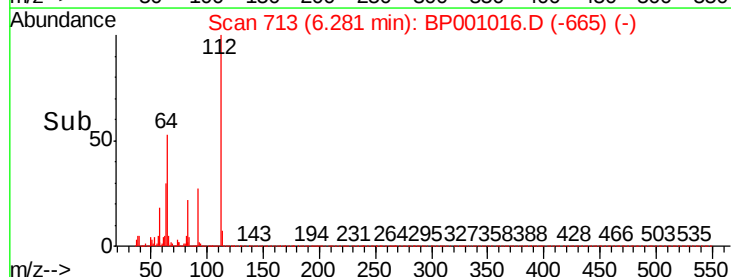
63 29.9 23.4 35.0

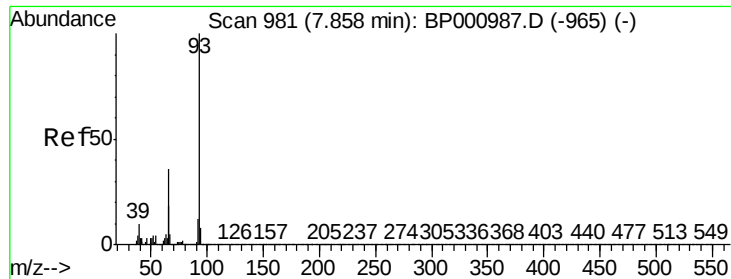


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#6

Aniline

Concen: 19.479 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.11 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

Instrument :

BNA_P

ClientSampleId :

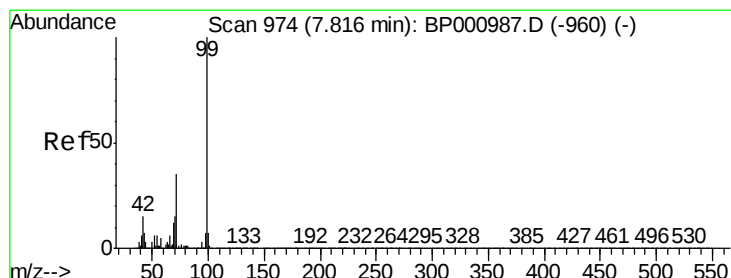
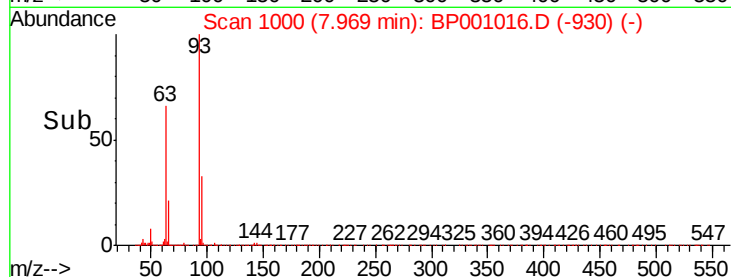
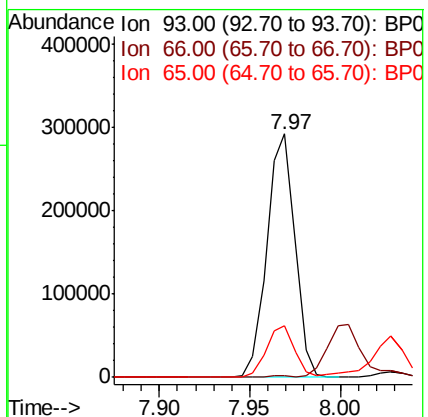
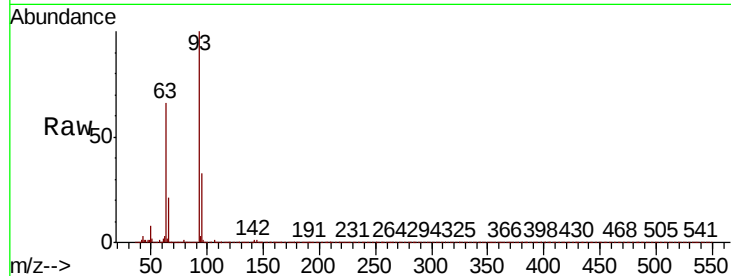
Tot Ion: 93 Resp: 312968

Ion Ratio Lower Upper

93 100

66 0.5 29.1 43.7#

65 21.2 14.6 21.8



#7

Phenol-d6

Concen: 29.053 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.02 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

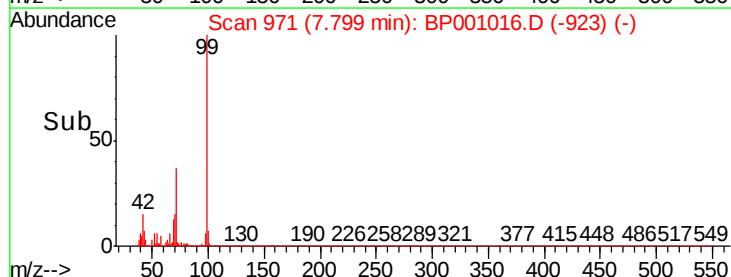
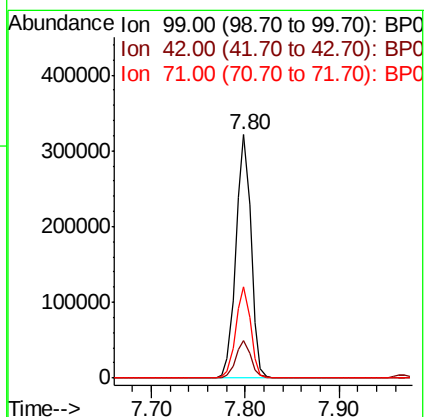
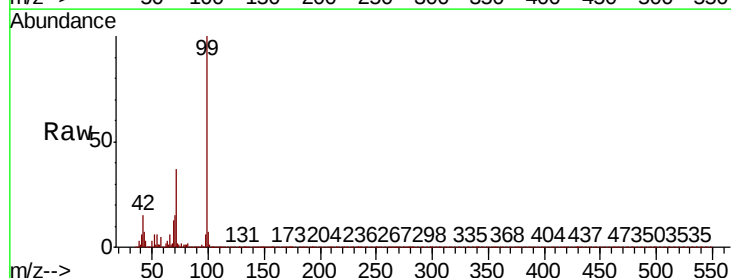
Tgt Ion: 99 Resp: 357410

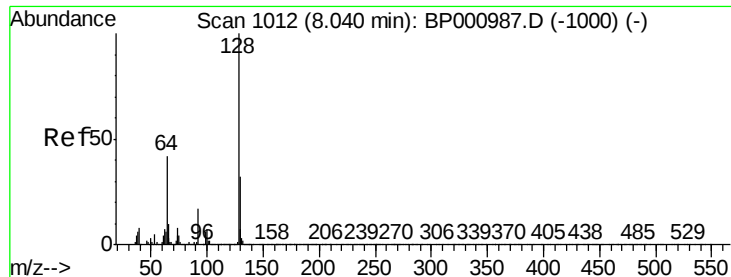
Ion Ratio Lower Upper

99 100

42 15.3 11.6 17.4

71 37.4 28.0 42.0





#8

2-Chlorophenol

Concen: 29.599 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

Instrument :

BNA_P

ClientSampleId :

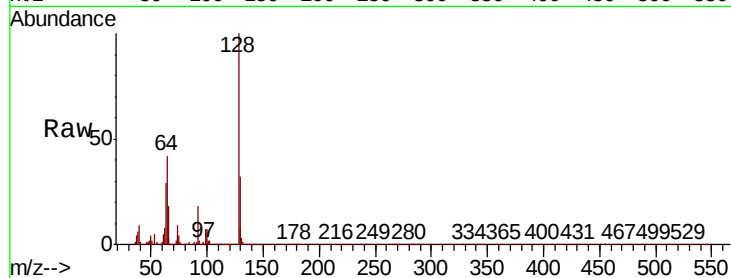
Tot Ion:128 Resp: 305343

Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

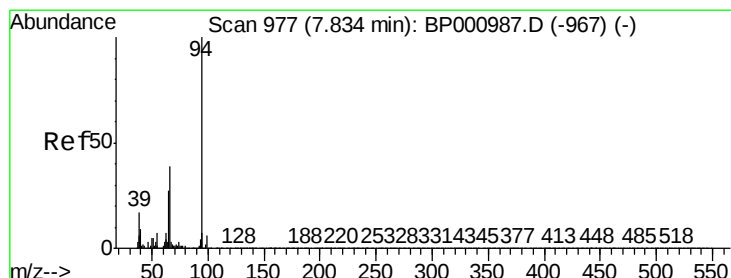
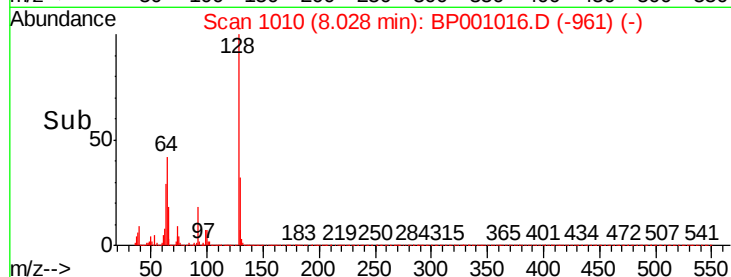
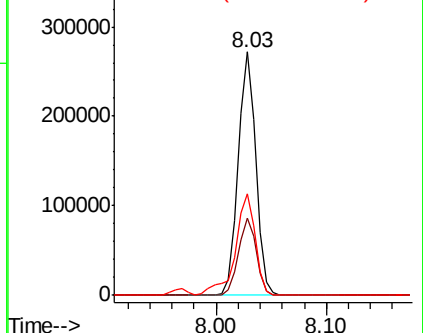
64 42.0 22.7 62.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0



#10

Phenol

Concen: 19.077 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.02 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

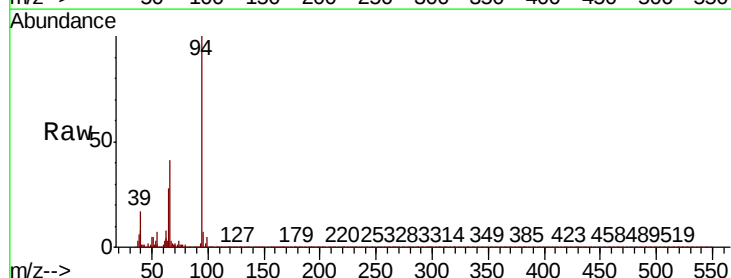
Tgt Ion: 94 Resp: 256693

Ion Ratio Lower Upper

94 100

65 28.3 6.7 46.7

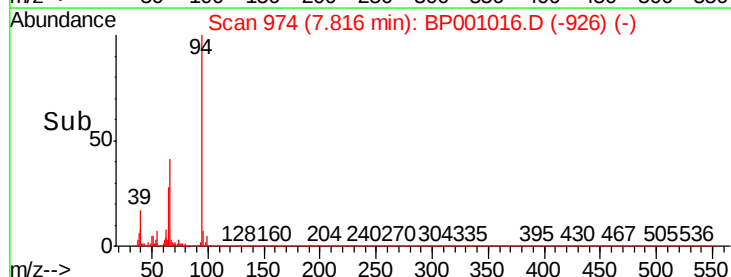
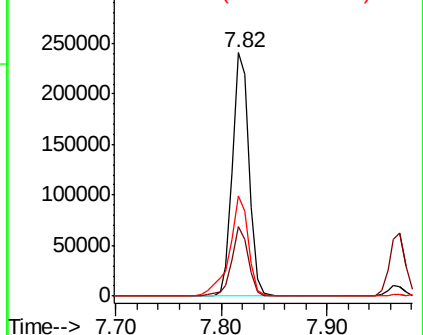
66 41.2 18.6 58.6

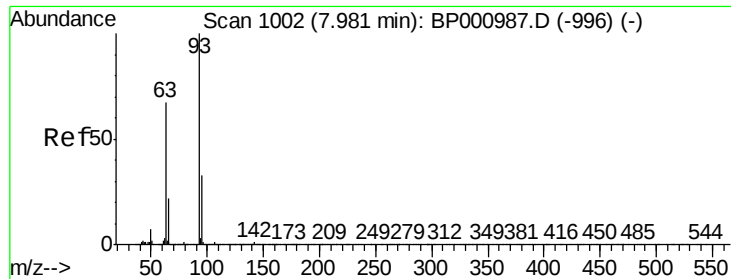


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

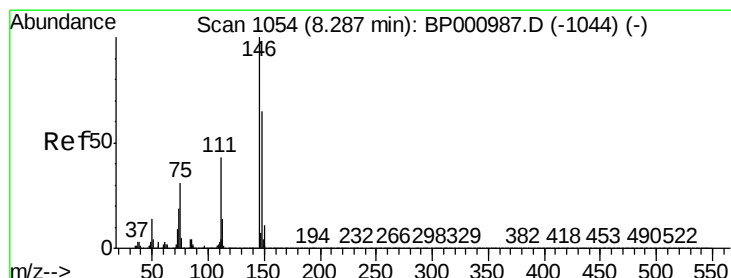
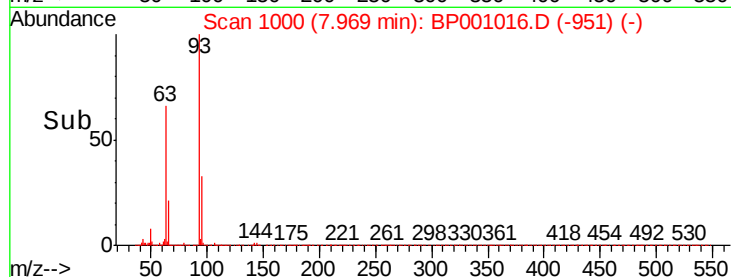
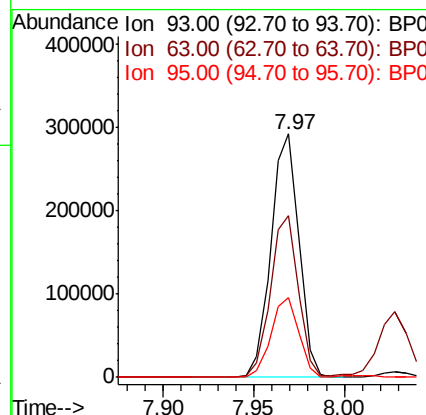
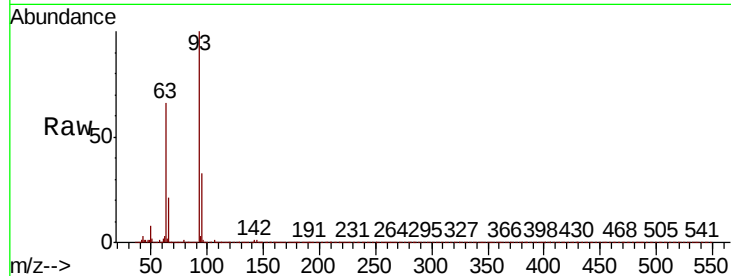




#11
bis(2-Chloroethyl)ether
Concen: 29.878 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

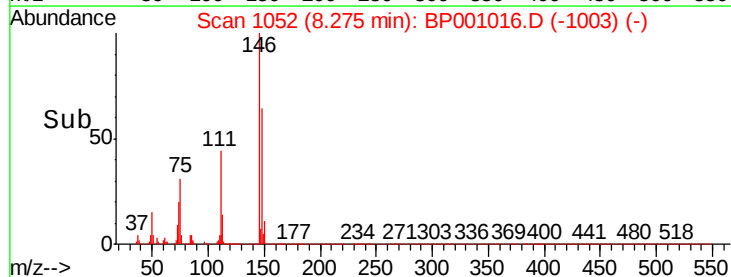
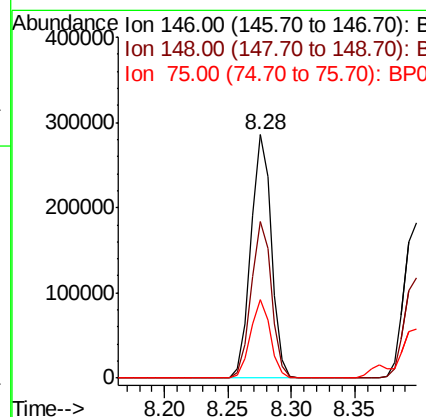
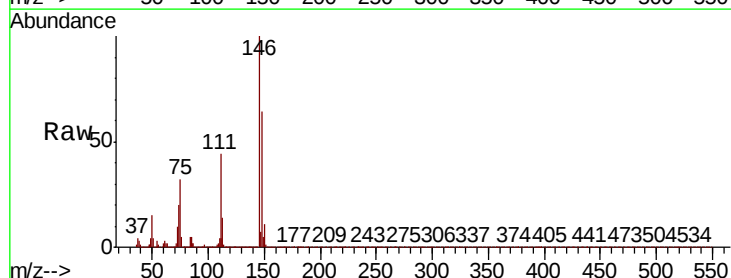
Instrument :
BNA_P
ClientSampleId :

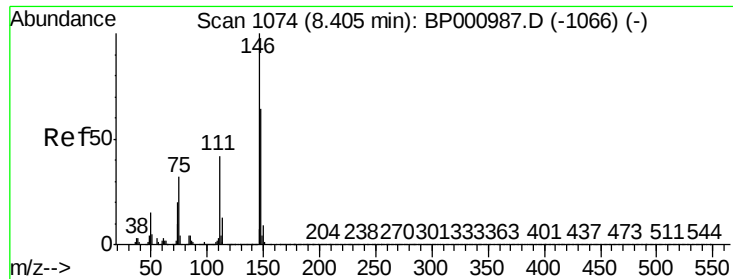
Tot Ion	Ratio	Lower	Upper
93	100		
63	66.2	47.4	87.4
95	32.6	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 24.843 ng
RT: 8.28 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.3	78.5
75	32.1	24.6	37.0





#13

1,4-Dichlorobenzene

Concen: 15.369 ng

RT: 8.40 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

Instrument :

BNA_P

ClientSampled :

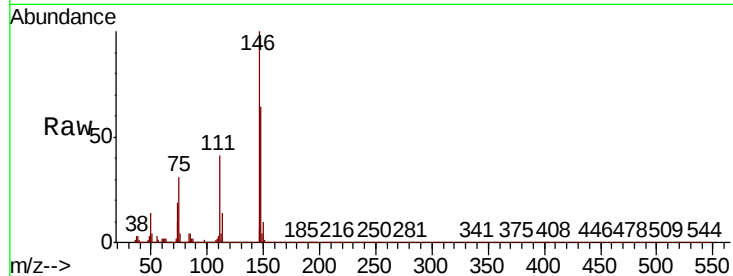
Tot Ion:146 Resp: 200355

Ion Ratio Lower Upper

146 100

148 64.0 51.5 77.3

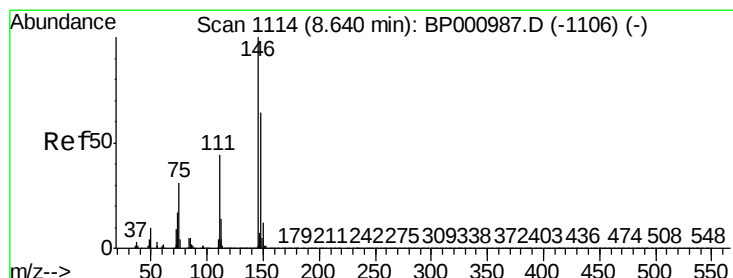
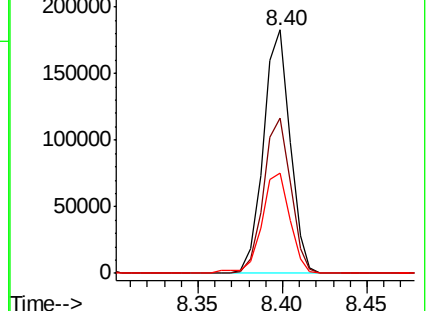
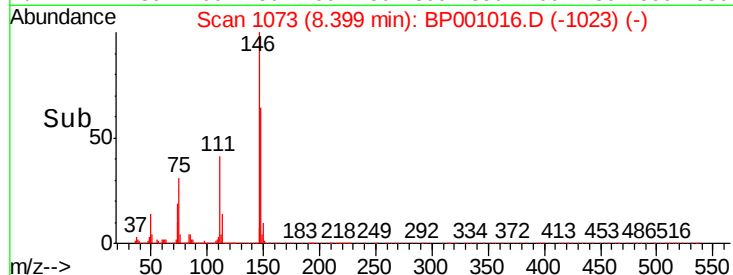
111 41.3 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 13.712 ng

RT: 8.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

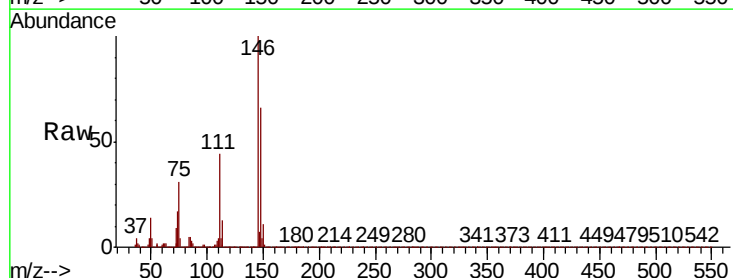
Tgt Ion:146 Resp: 165314

Ion Ratio Lower Upper

146 100

148 65.5 51.4 77.0

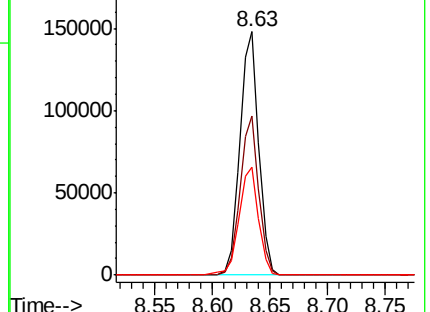
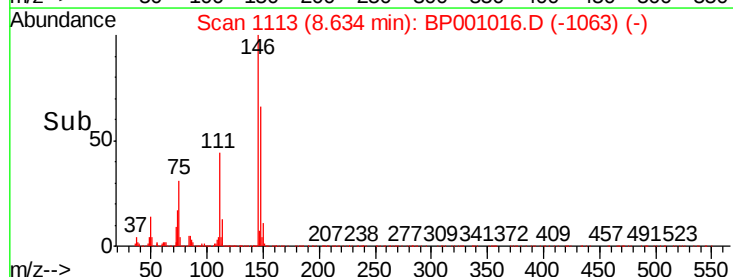
111 44.3 35.6 53.4

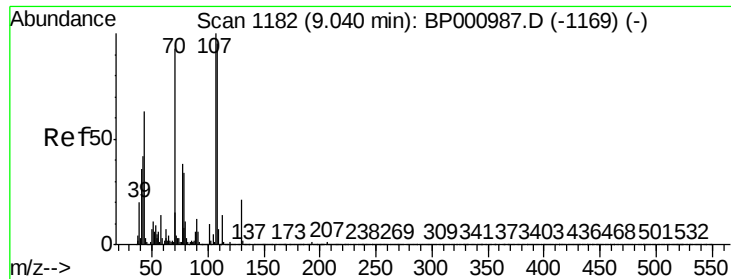


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

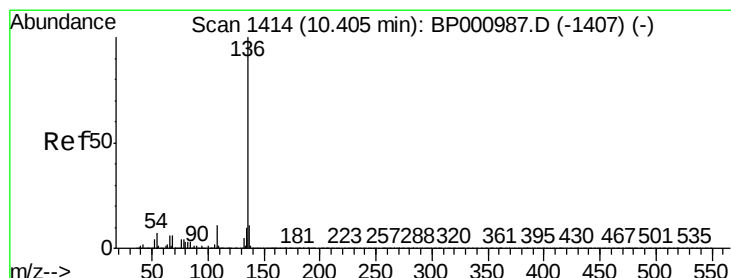
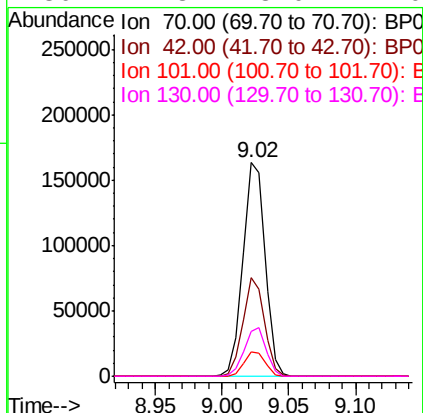
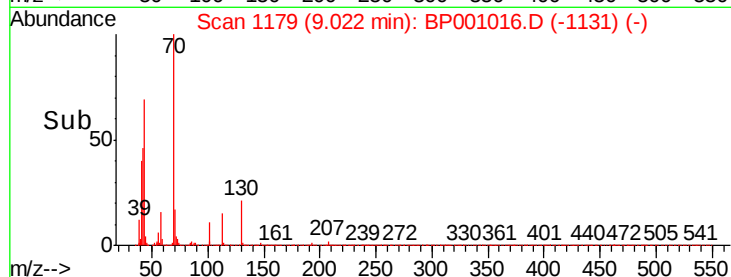
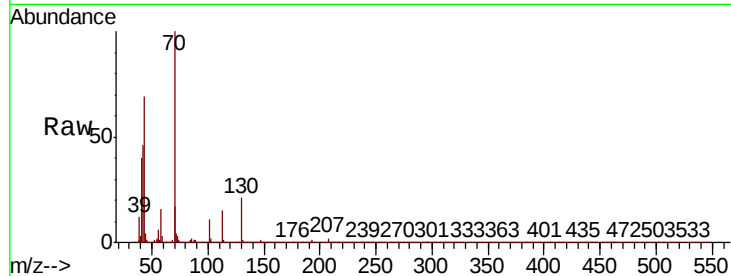




#19
n-Nitroso-di-n-propylamine
Concen: 25.264 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

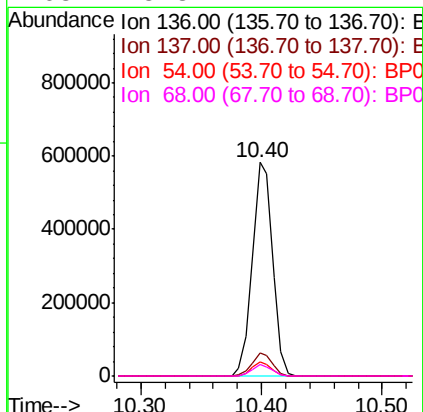
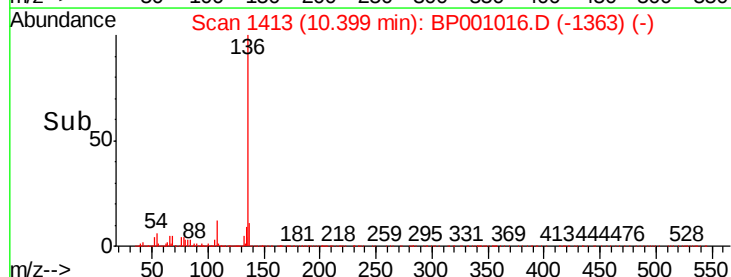
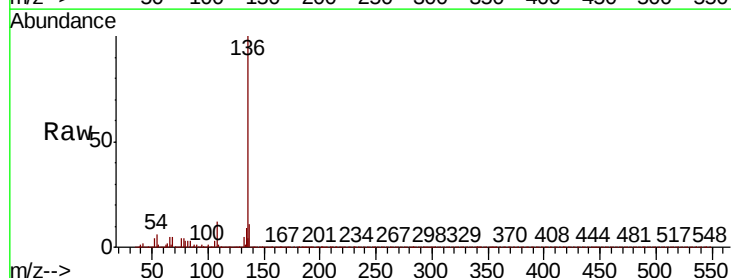
Instrument :
BNA_P
ClientSampled :

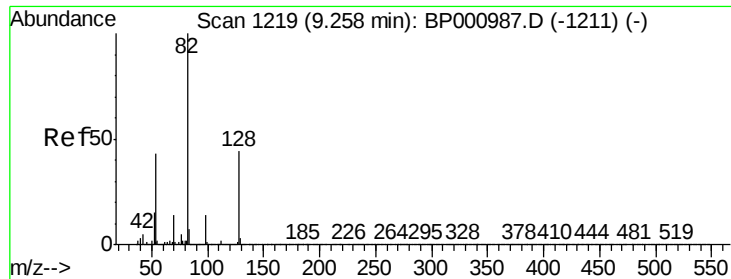
Tot Ion:	70	Resp:	186622
Ion	Ratio	Lower	Upper
70	100		
42	46.3	36.3	54.5
101	11.1	8.7	13.1
130	21.3	18.0	27.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Tgt Ion:	136	Resp:	682630
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	6.3	5.4	8.2
68	5.3	4.7	7.1

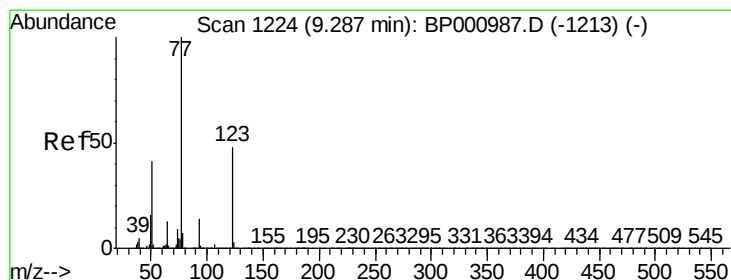
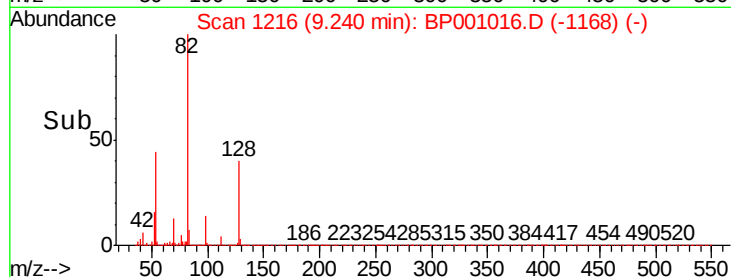
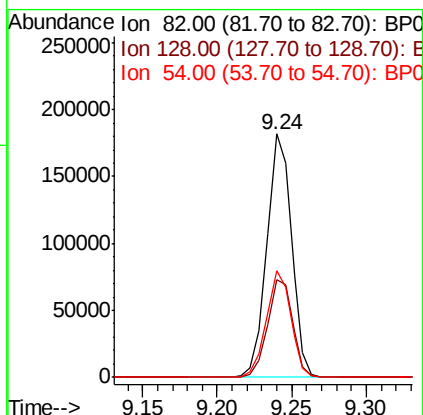
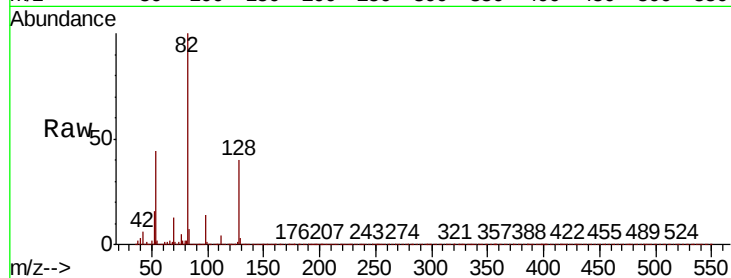




#23
 Nitrobenzene-d5
 Concen: 16.840 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.02 min
 Lab File: BP001016.D
 Acq: 08 Nov 2019 16:22

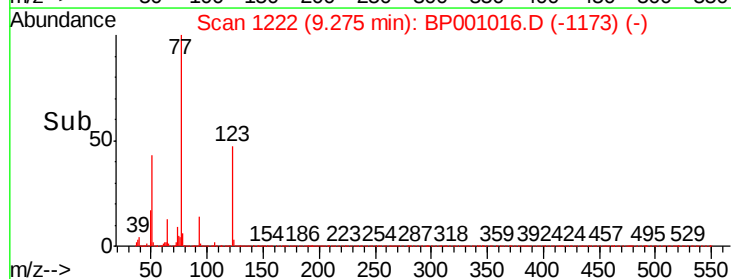
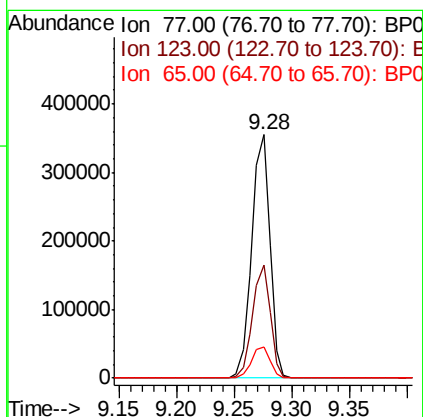
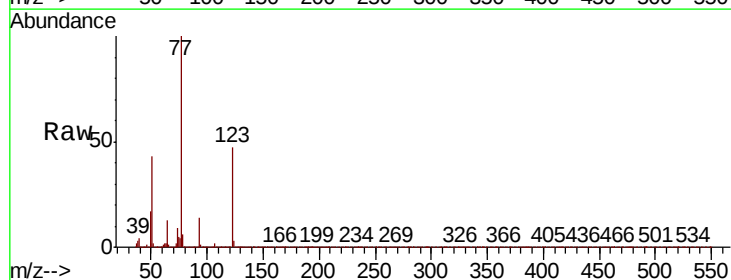
Instrument :
 BNA_P
 ClientSampled :

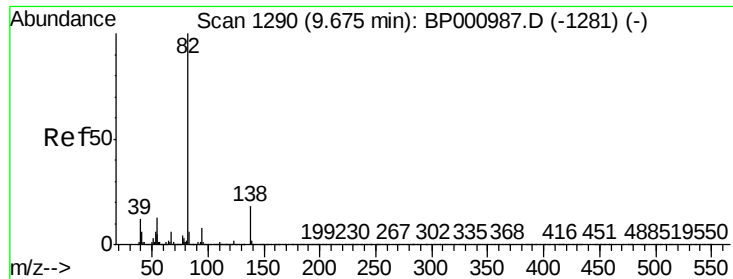
Tot Ion	82	Resp	207812
Ion Ratio	Lower	Upper	
82	100		
128	40.0	35.3	52.9
54	43.9	34.3	51.5



#24
 Nitrobenzene
 Concen: 31.525 ng
 RT: 9.28 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BP001016.D
 Acq: 08 Nov 2019 16:22

Tgt Ion	77	Resp	390366
Ion Ratio	Lower	Upper	
77	100		
123	46.5	38.1	57.1
65	12.9	10.2	15.2

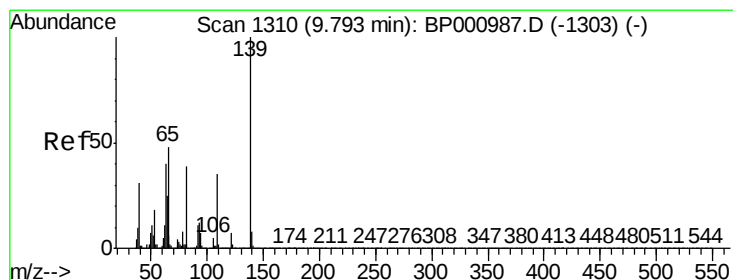
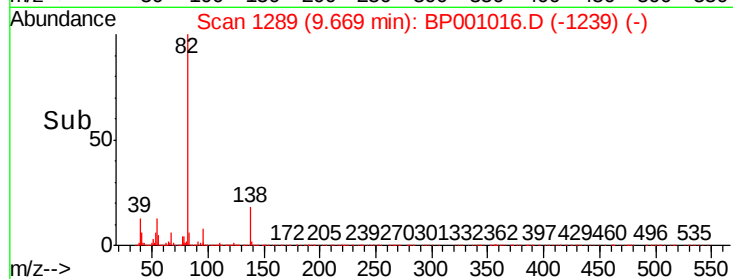
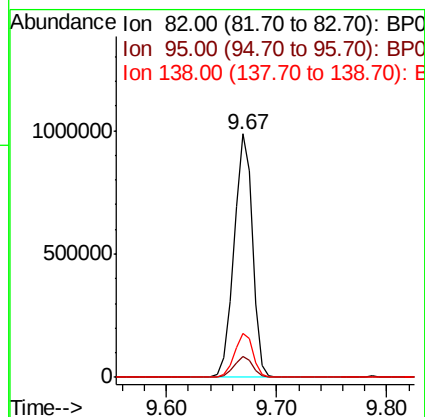
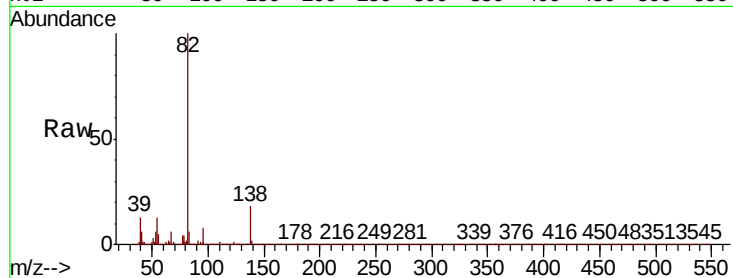




#25
Isophorone
Concen: 50.778 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

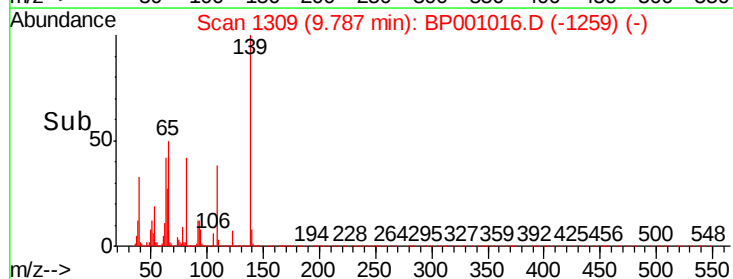
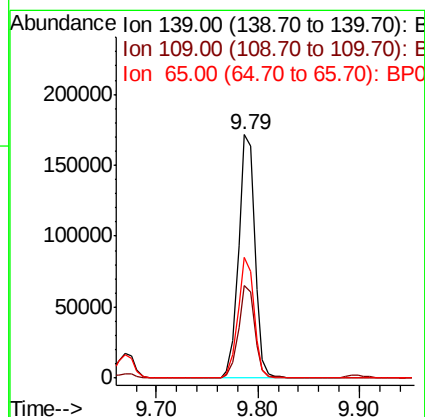
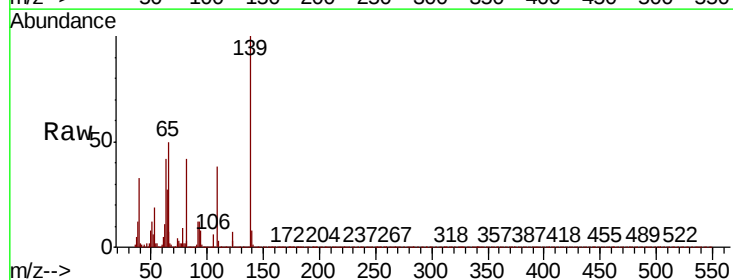
Instrument :
BNA_P
ClientSampleId :

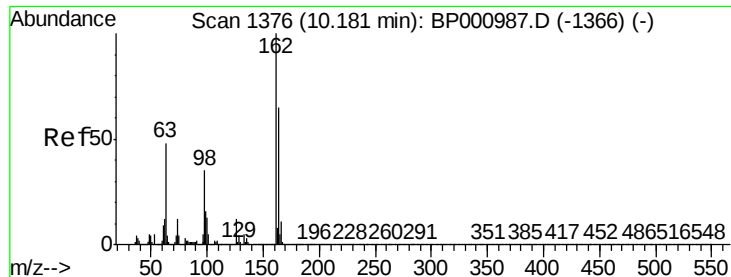
Tot Ion: 82 Resp: 1153363
Ion Ratio Lower Upper
82 100
95 8.5 6.2 9.4
138 17.9 14.2 21.4



#26
2-Nitrophenol
Concen: 41.506 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Tgt Ion: 139 Resp: 192058
Ion Ratio Lower Upper
139 100
109 37.9 27.7 41.5
65 49.6 38.2 57.4

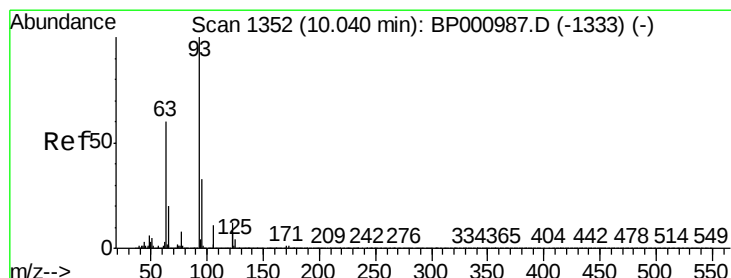
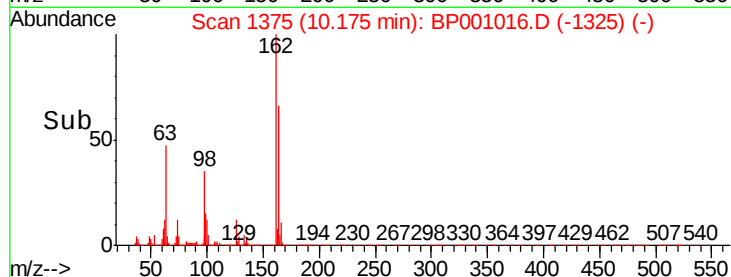
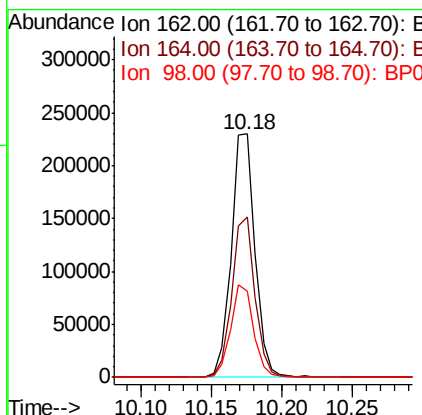
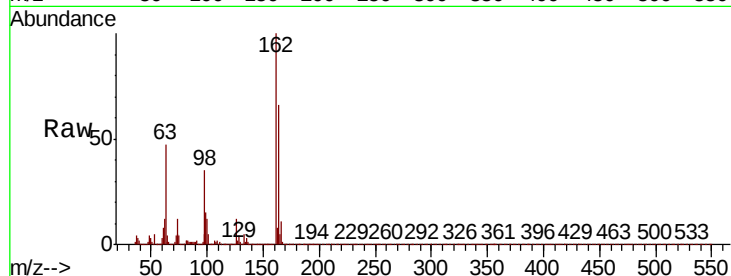




#29
2,4-Dichlorophenol
Concen: 25.774 ng
RT: 10.18 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

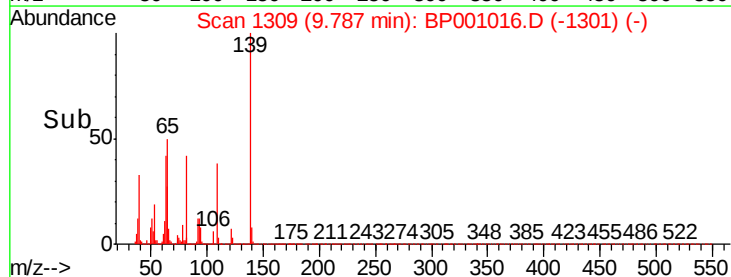
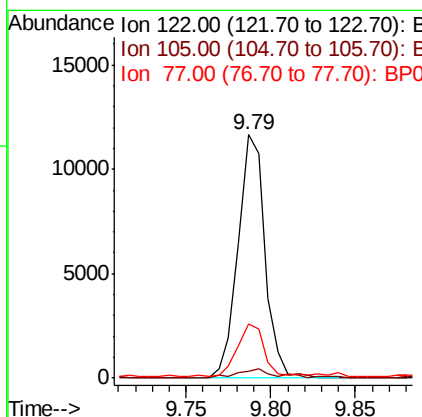
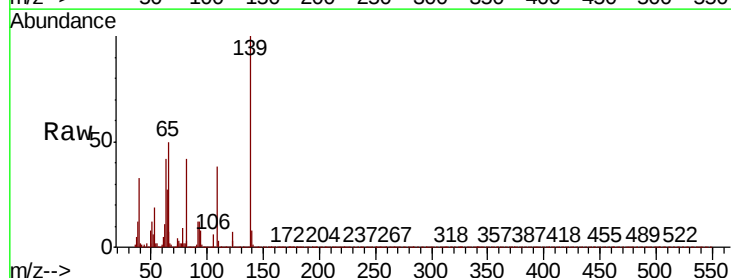
Instrument :
BNA_P
ClientSampleId :

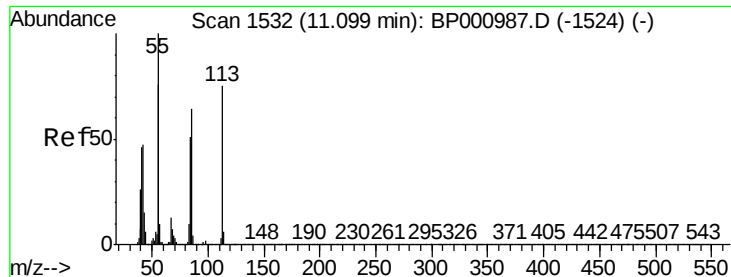
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.1	44.5	84.5
98	35.2	15.2	55.2



#32
Benzoic acid
Concen: 9.757 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.25 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.0	110.5	150.5#
77	22.2	77.9	117.9#

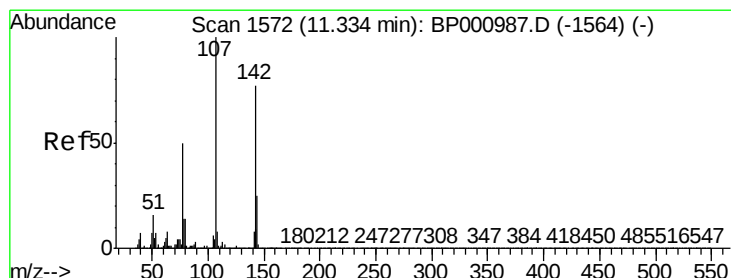
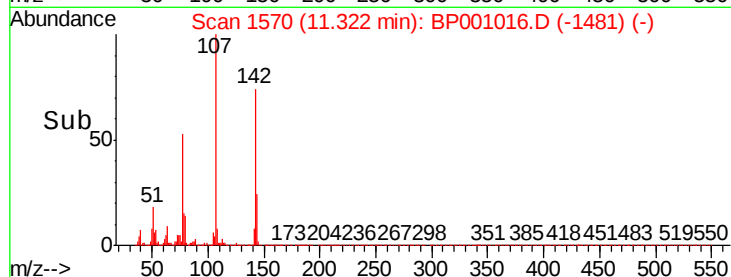
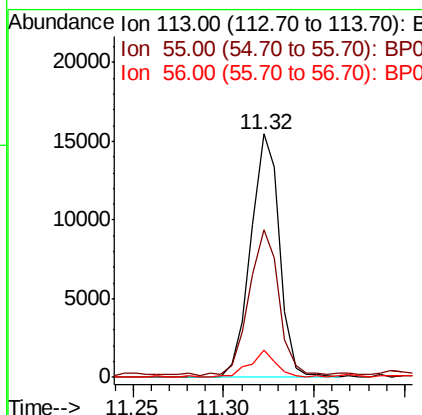
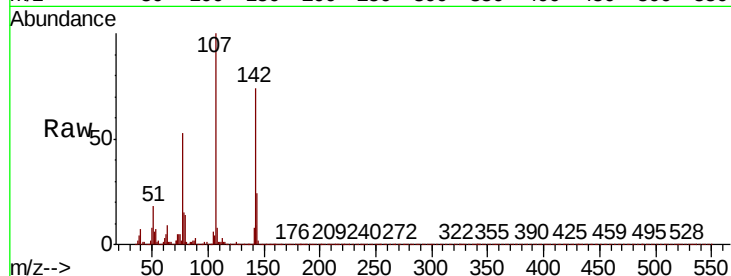




#35
 Caprolactam
 Concen: 5.152 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. 0.22 min
 Lab File: BP001016.D
 Acq: 08 Nov 2019 16:22

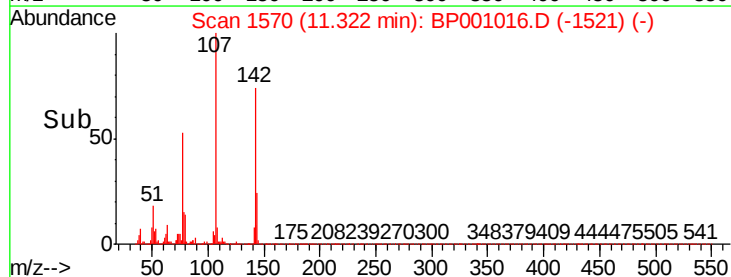
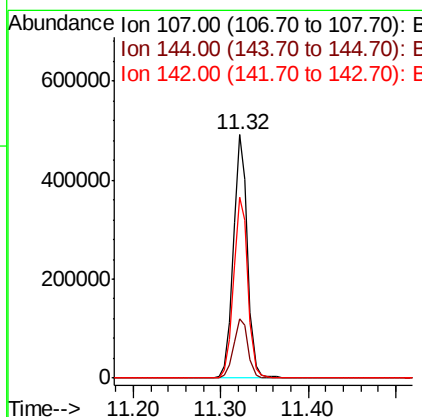
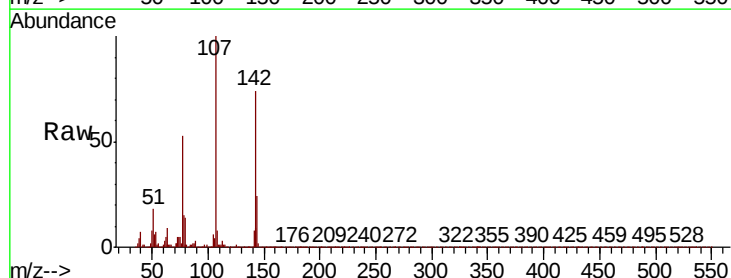
Instrument :
 BNA_P
 ClientSampleId :

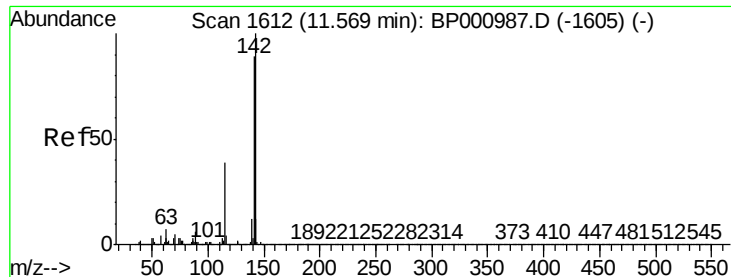
Tot Ion:113 Resp: 17006
 Ion Ratio Lower Upper
 113 100
 55 60.7 114.2 154.2#
 56 11.4 81.9 121.9#



#36
 4-Chloro-3-methylphenol
 Concen: 49.750 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BP001016.D
 Acq: 08 Nov 2019 16:22

Tgt Ion:107 Resp: 540306
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.0 30.0
 142 74.2 61.9 92.9

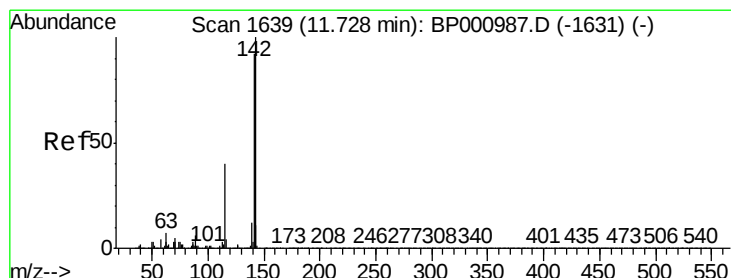
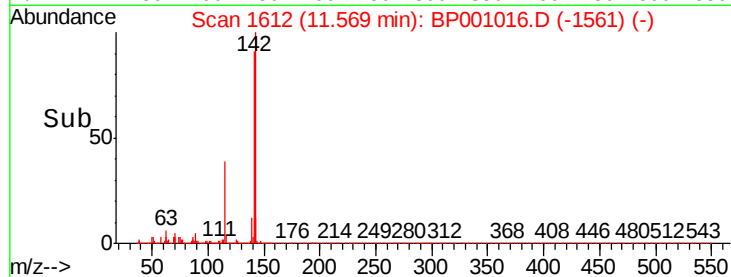
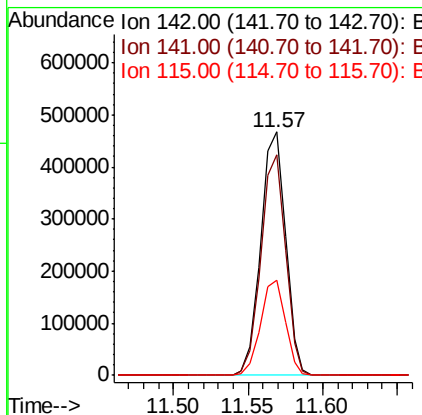
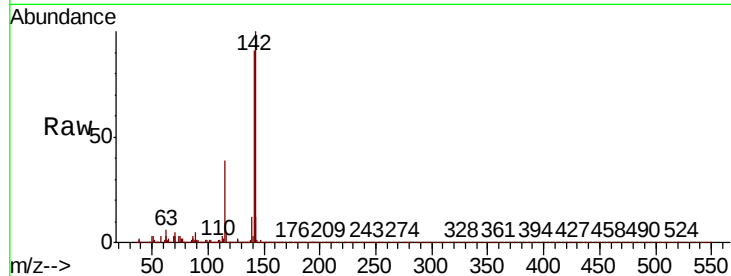




#37
2-Methylnaphthalene
Concen: 22.413 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

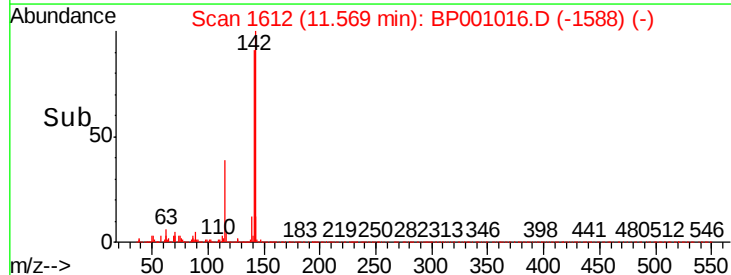
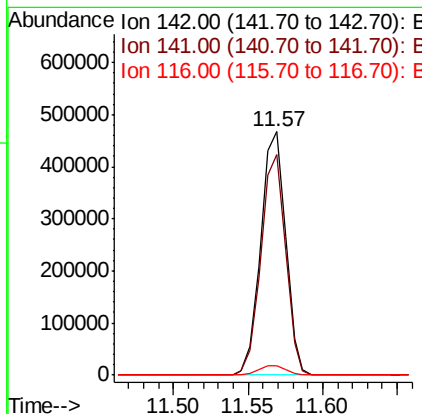
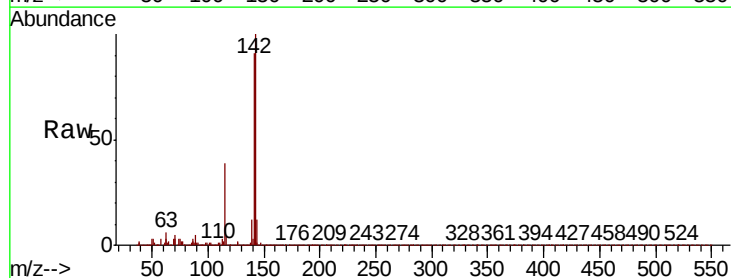
Instrument :
BNA_P
ClientSampleId :

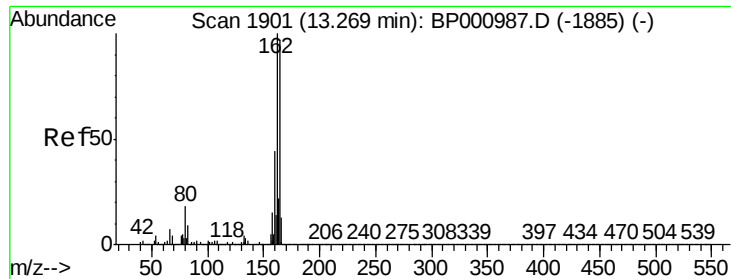
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.5	107.3
115	39.2	30.8	46.2



#38
1-Methylnaphthalene
Concen: 23.721 ng
RT: 11.57 min Scan# 1612
Delta R.T. -0.16 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.9	110.9
116	4.0	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.26 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

Instrument :

BNA_P

ClientSampleId :

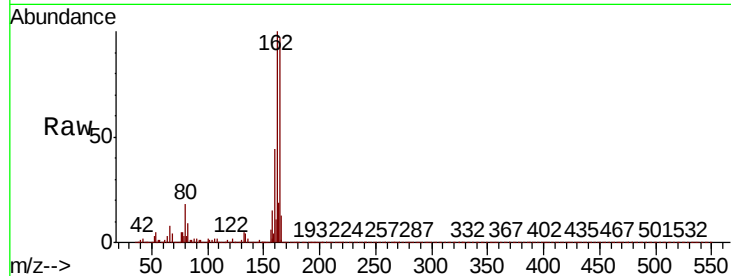
Tot Ion:164 Resp: 407481

Ion Ratio Lower Upper

164 100

162 103.5 82.6 123.8

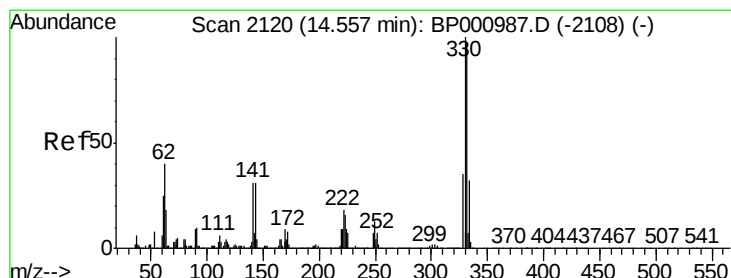
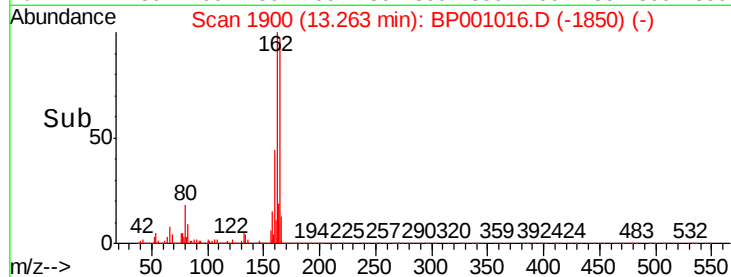
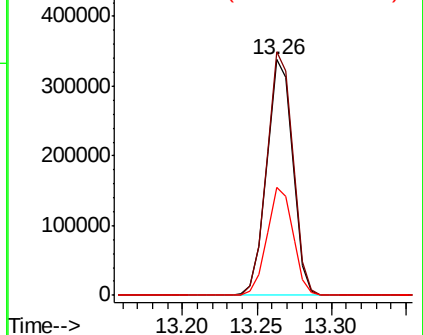
160 45.7 36.5 54.7



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: 27.205 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

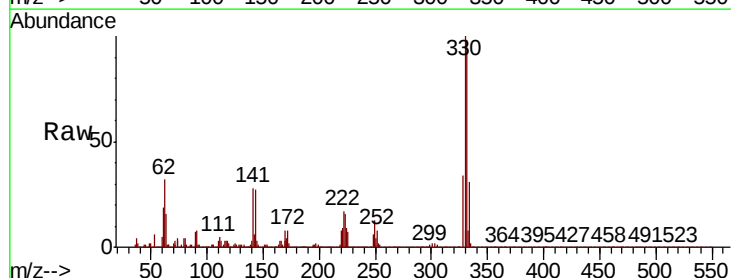
Tgt Ion:330 Resp: 132336

Ion Ratio Lower Upper

330 100

332 96.1 78.3 117.5

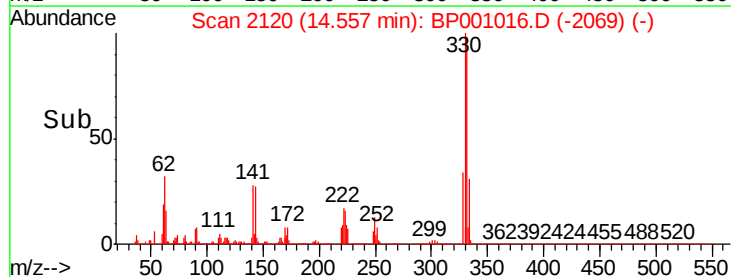
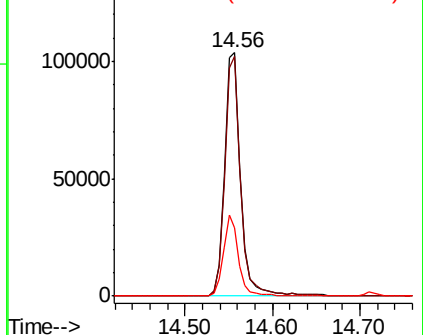
141 31.4 25.0 37.4

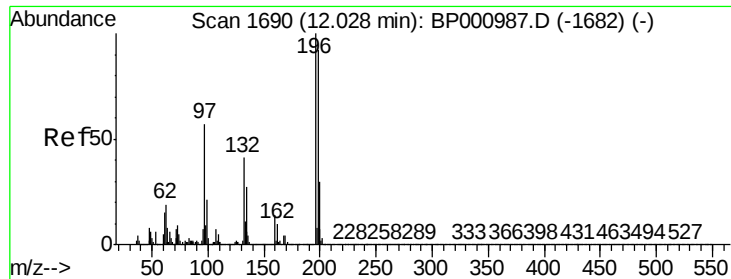


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

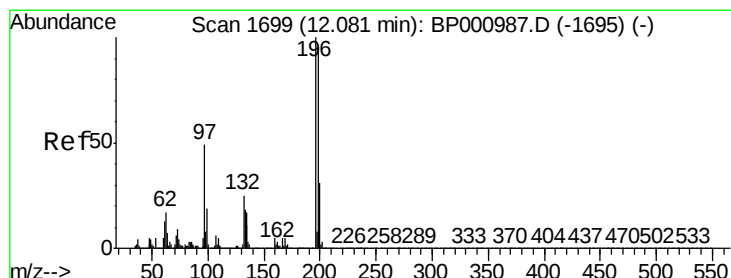
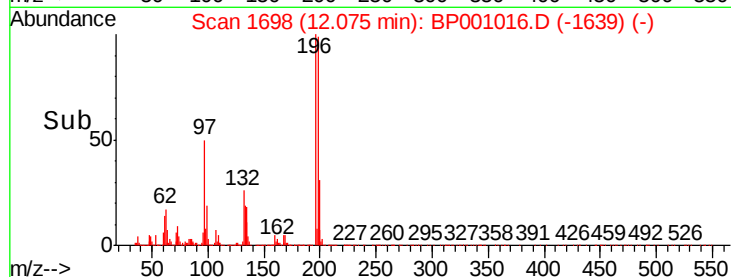
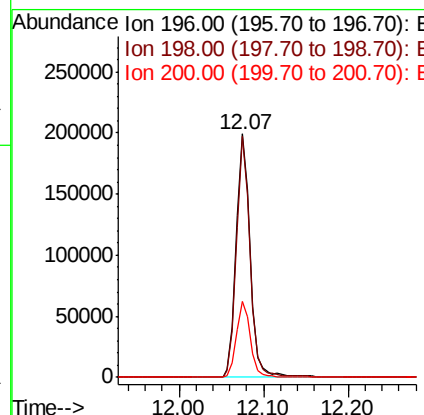
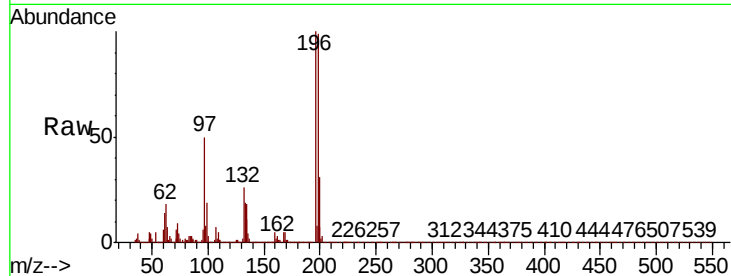




#43
 2,4,6-Trichlorophenol
 Concen: 27.533 ng
 RT: 12.07 min Scan# 1698
 Delta R.T. 0.05 min
 Lab File: BP001016.D
 Acq: 08 Nov 2019 16:22

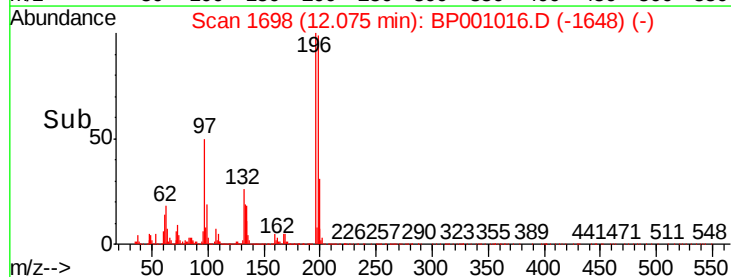
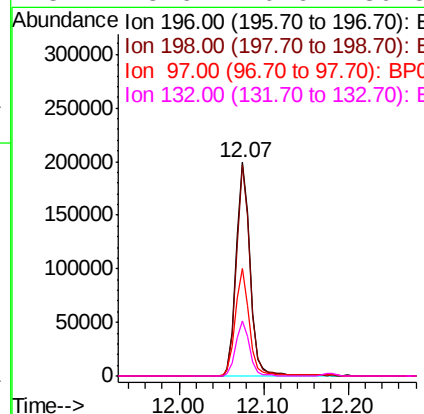
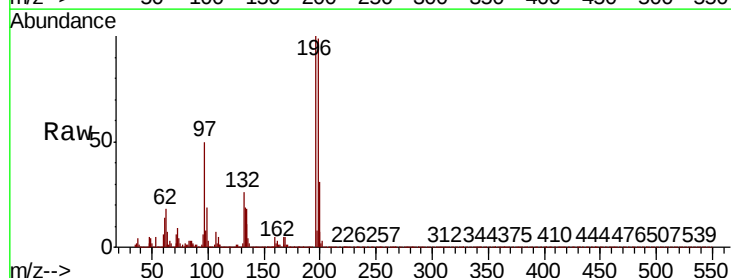
Instrument :
 BNA_P
 ClientSampleId :

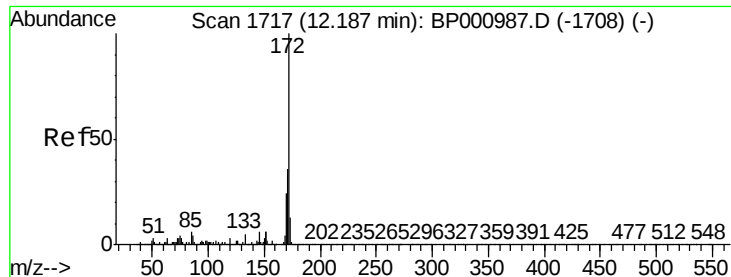
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.9	74.0	111.0
200	31.4	24.2	36.4



#44
 2,4,5-Trichlorophenol
 Concen: 25.751 ng
 RT: 12.07 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BP001016.D
 Acq: 08 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.9	76.3	114.5
97	50.2	39.1	58.7
132	25.6	20.6	30.8

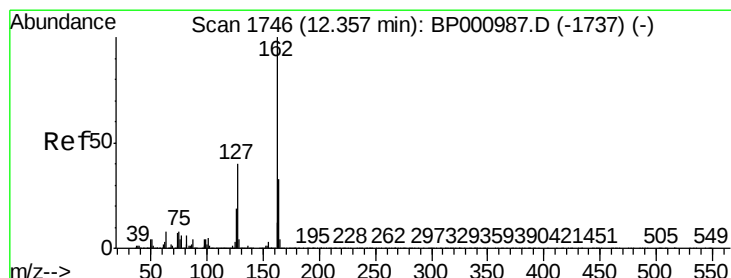
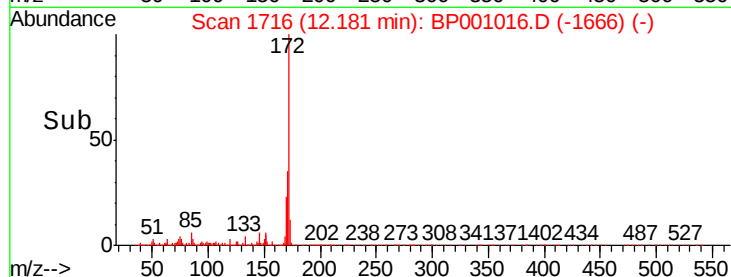
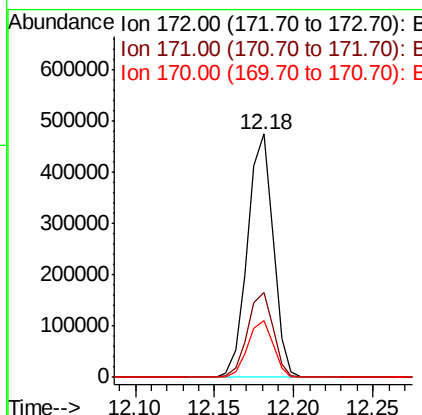
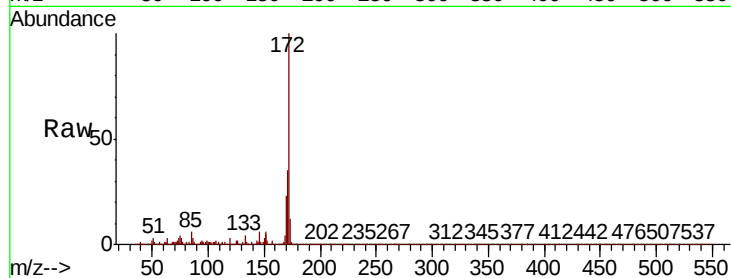




#45
2-Fluorobiphenyl
Concen: 19.682 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

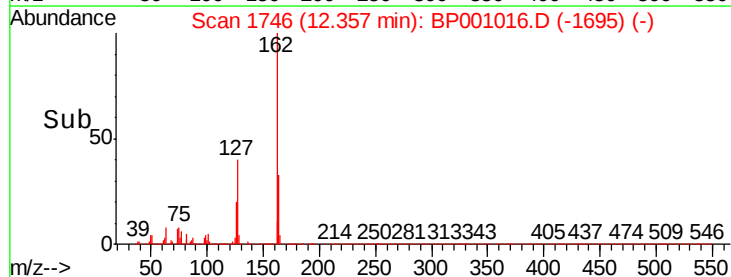
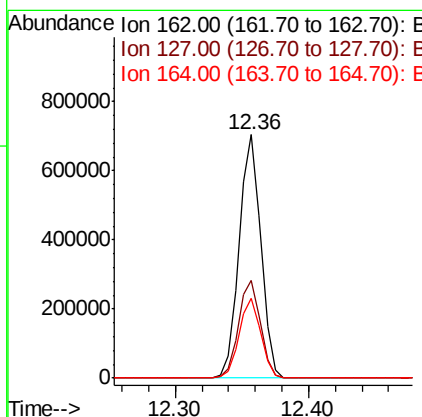
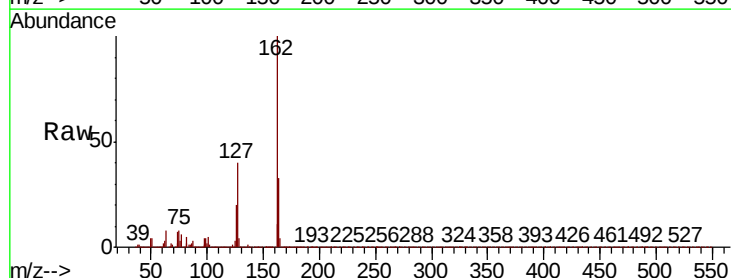
Instrument :
BNA_P
ClientSampleId :

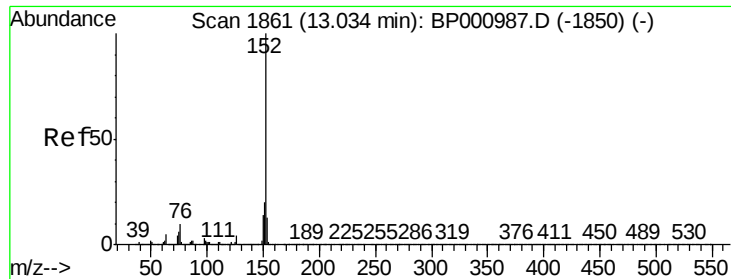
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.3	18.9	28.3



#47
2-Chloronaphthalene
Concen: 32.343 ng
RT: 12.36 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.1	48.1
164	32.6	26.1	39.1





#49

Acenaphthylene

Concen: 18.138 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BP001016.D

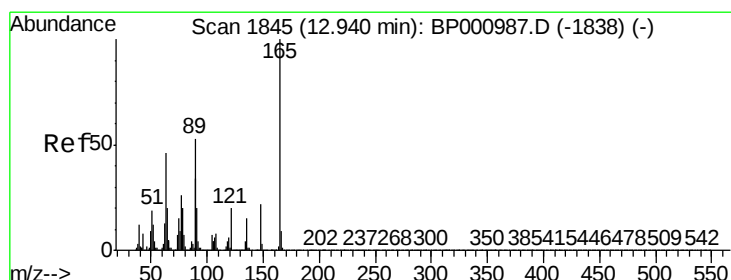
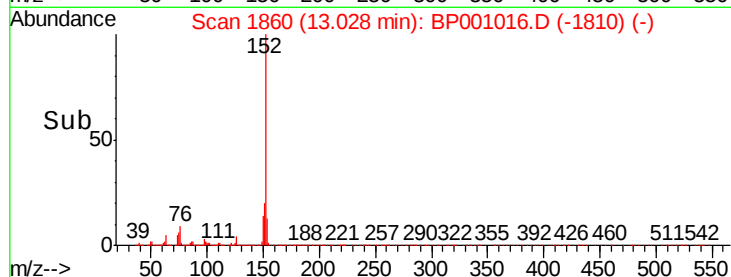
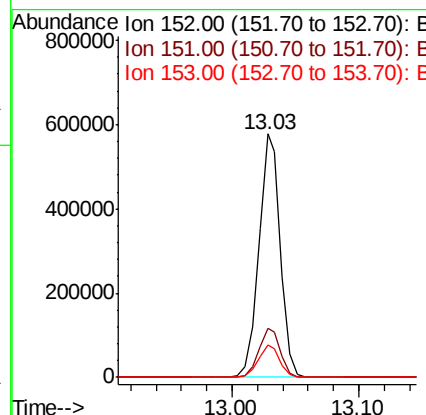
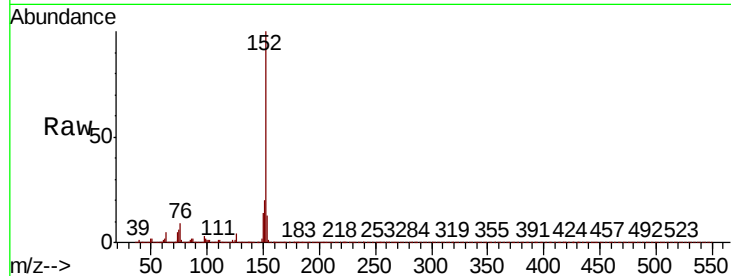
Acq: 08 Nov 2019 16:22

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	152	Resp:	676333
Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.5	10.6	16.0



#51

2,6-Dinitrotoluene

Concen: 44.467 ng

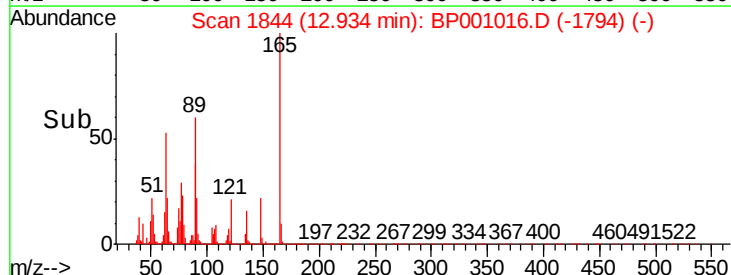
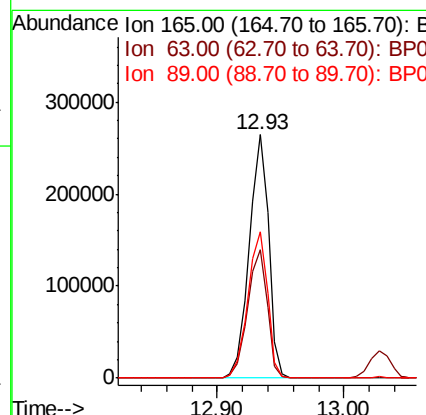
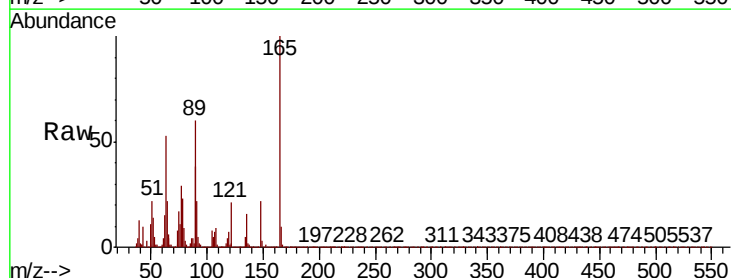
RT: 12.93 min Scan# 1844

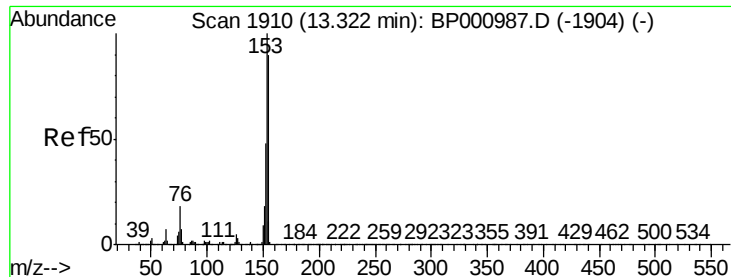
Delta R.T. -0.01 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

Tgt Ion:	165	Resp:	279477
Ion	Ratio	Lower	Upper
165	100		
63	52.7	36.7	55.1
89	60.0	42.3	63.5





#52

Acenaphthene

Concen: 20.681 ng

RT: 13.32 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

Instrument :

BNA_P

ClientSampled :

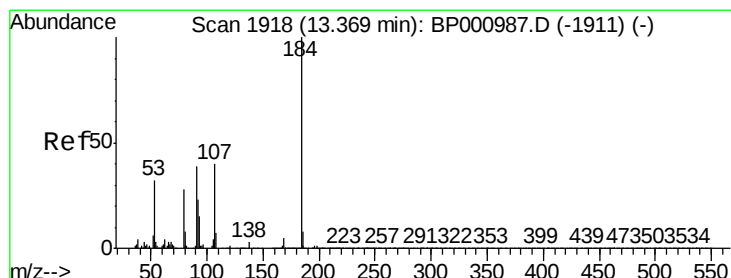
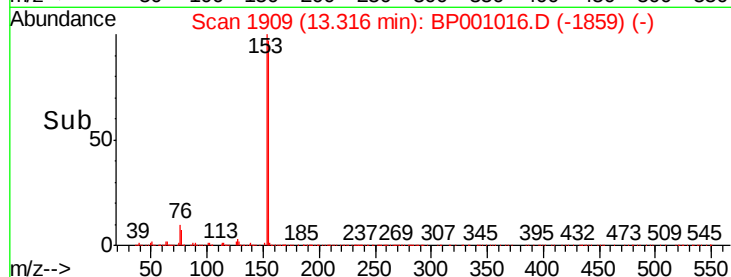
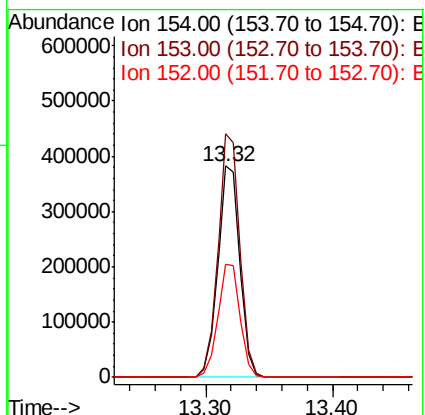
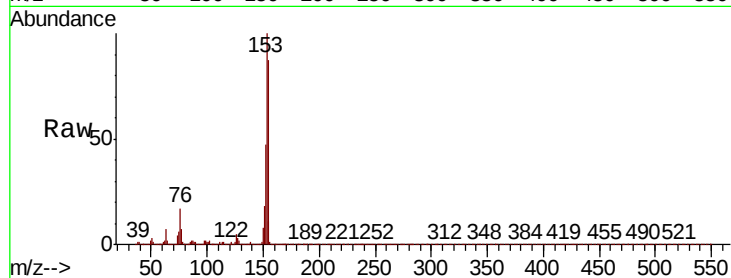
Tot Ion:154 Resp: 461231

Ion Ratio Lower Upper

154 100

153 115.1 88.9 133.3

152 53.6 42.4 63.6



#54

2,4-Dinitrophenol

Concen: 8.314 ng

RT: 13.37 min Scan# 1919

Delta R.T. 0.01 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

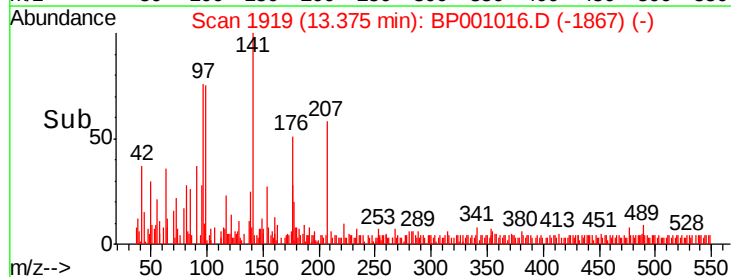
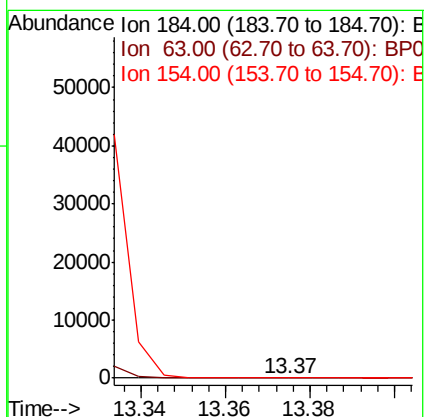
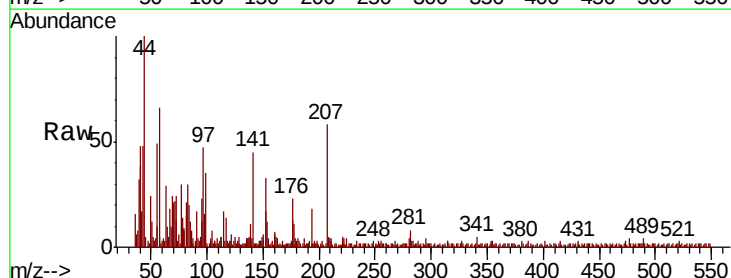
Tgt Ion:184 Resp: 14

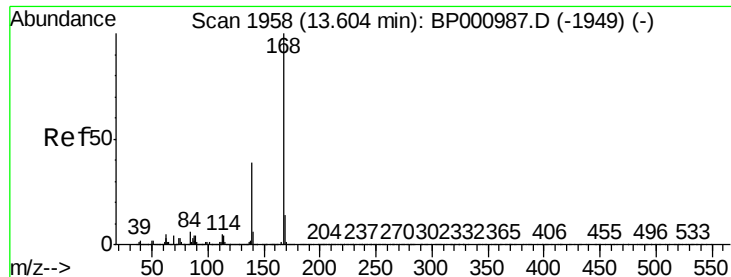
Ion Ratio Lower Upper

184 100

63 1611.1 41.0 61.6#

154 677.8 48.1 72.1#





#55

Dibenzofuran

Concen: 22.349 ng

RT: 13.60 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

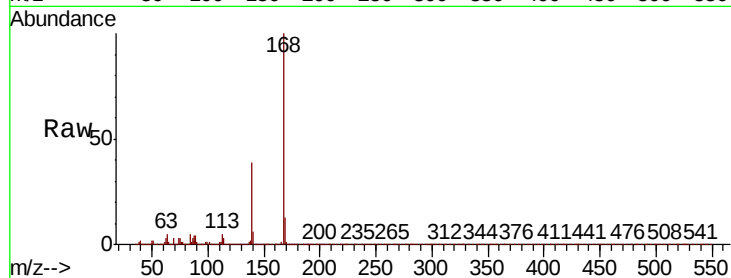
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 778520

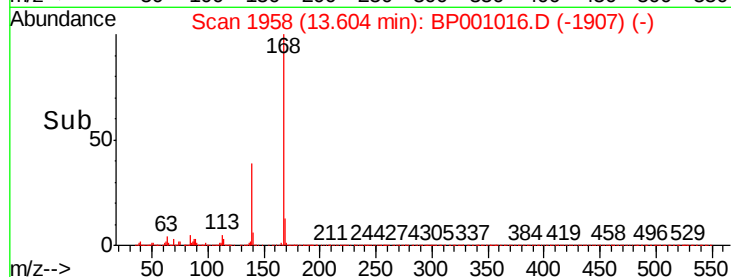
Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.9	46.3
169	12.8	10.9	16.3



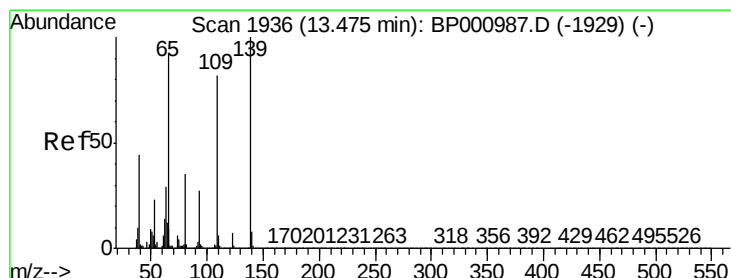
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



#56

4-Nitrophenol

Concen: 22.548 ng

RT: 13.47 min Scan# 1935

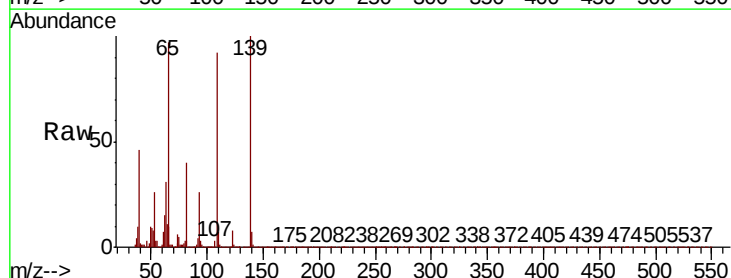
Delta R.T. -0.01 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

Tgt Ion:139 Resp: 107491

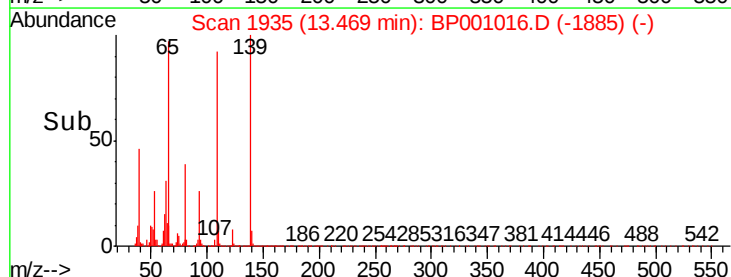
Ion	Ratio	Lower	Upper
139	100		
109	91.6	61.6	101.6
65	96.7	72.0	112.0



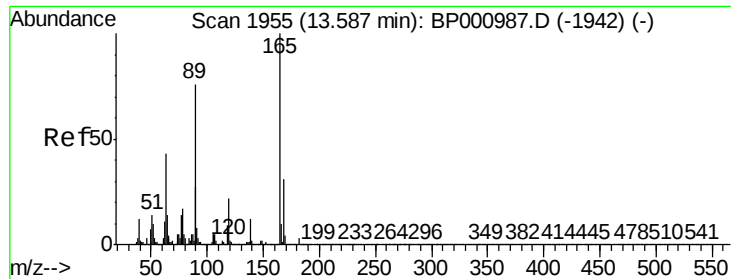
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO



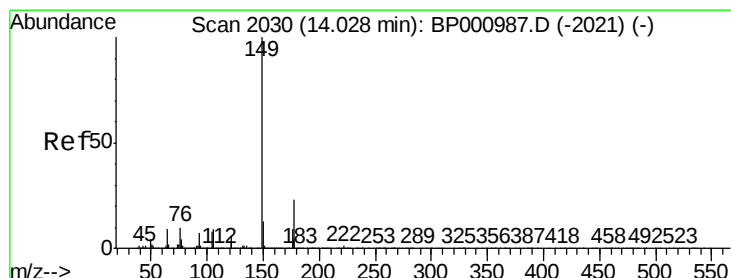
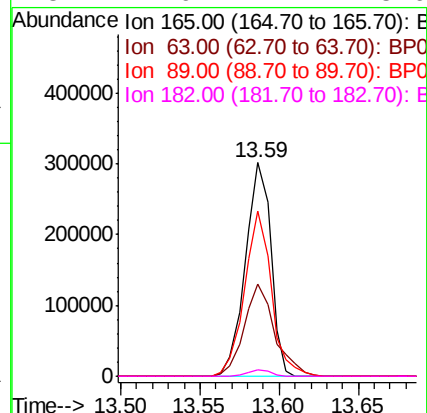
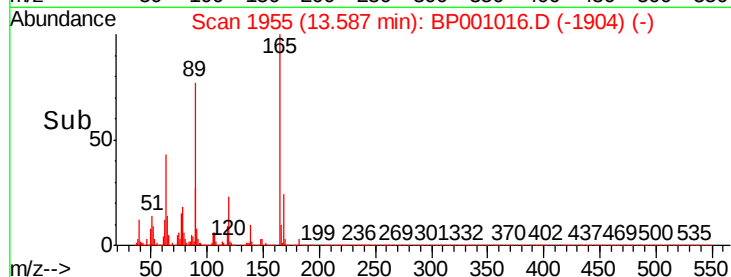
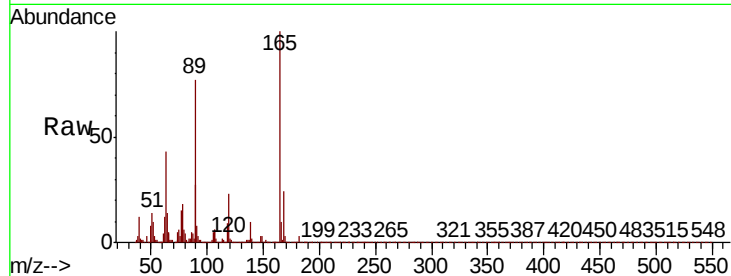
Time-->



#57
2,4-Dinitrotoluene
Concen: 42.511 ng
RT: 13.59 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

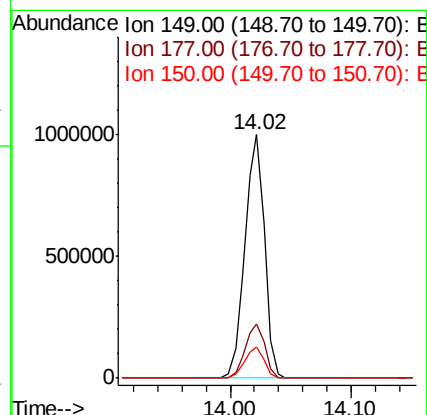
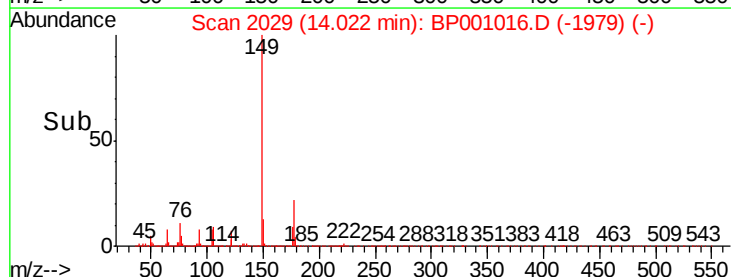
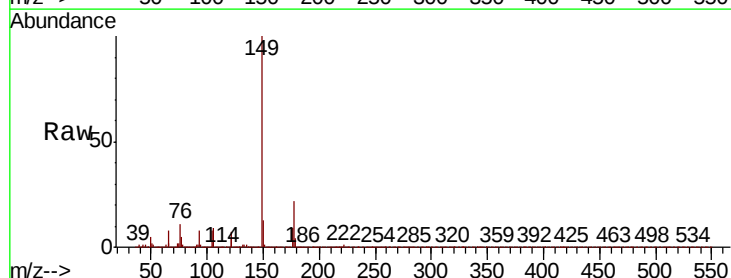
Instrument :
BNA_P
ClientSampleId :

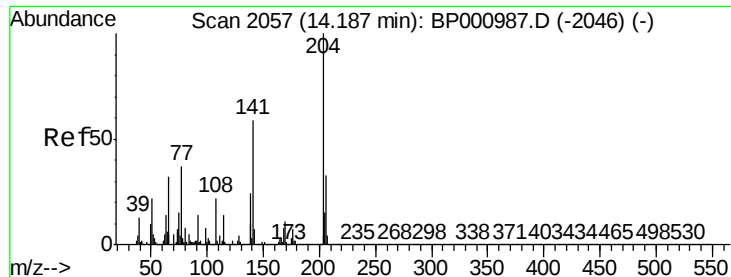
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.0	34.3	51.5
89	77.3	60.5	90.7
182	2.9	2.4	3.6



#60
Diethylphthalate
Concen: 37.291 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	18.5	27.7
150	12.5	10.2	15.2

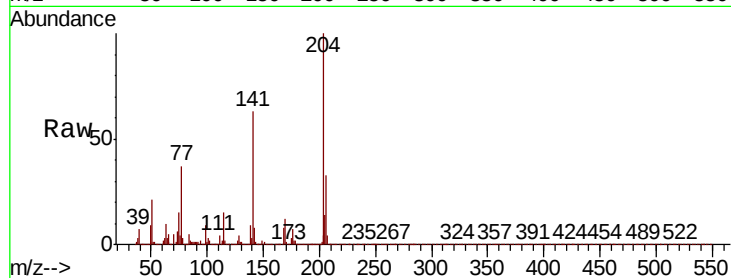




#61
4-Chlorophenyl-phenylether
Concen: 44.704 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	62.9	46.9	70.3

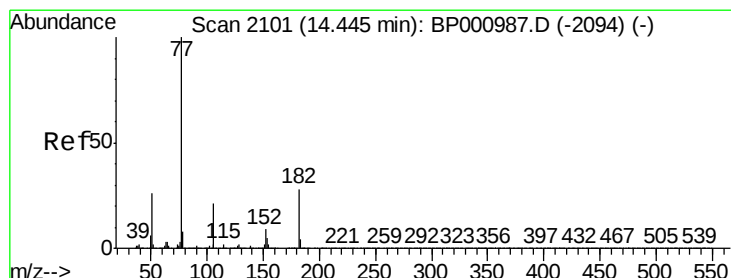
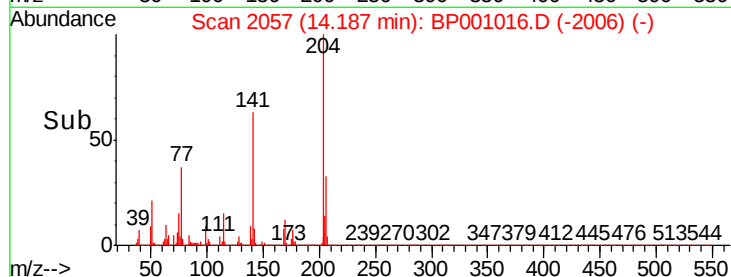
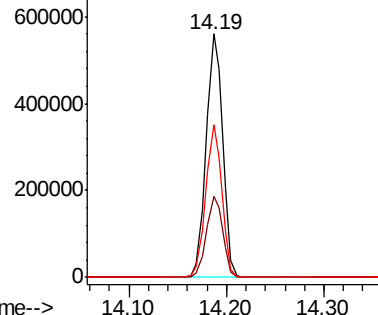


Abundance

Ion 204.00 (203.70 to 204.70): E

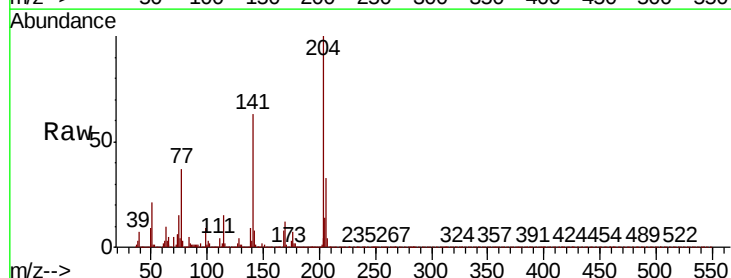
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#63
Azobenzene
Concen: 8.999 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.26 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
77	100		
182	0.0	8.4	48.4#
105	0.2	1.0	41.0#
51	58.0	6.0	46.0#



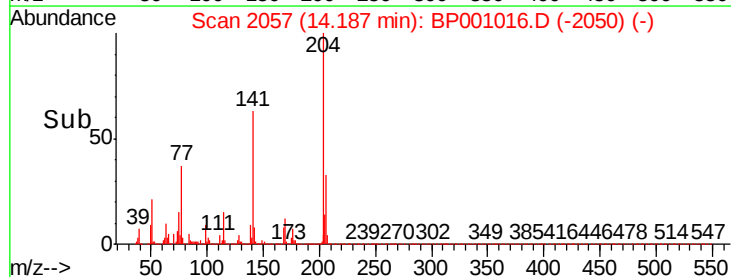
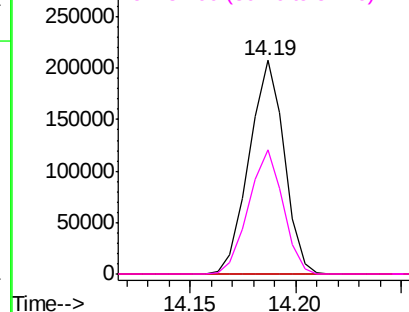
Abundance

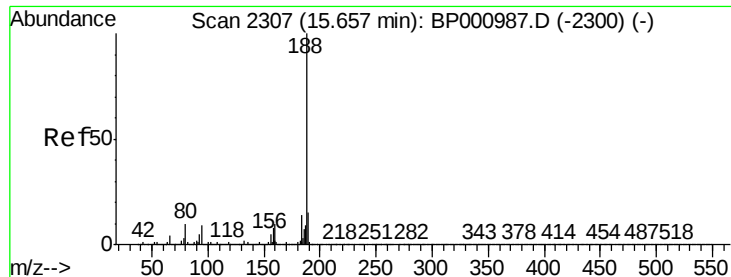
Ion 77.00 (76.70 to 77.70): BPO

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BPO





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

Instrument :

BNA_P

ClientSampleId :

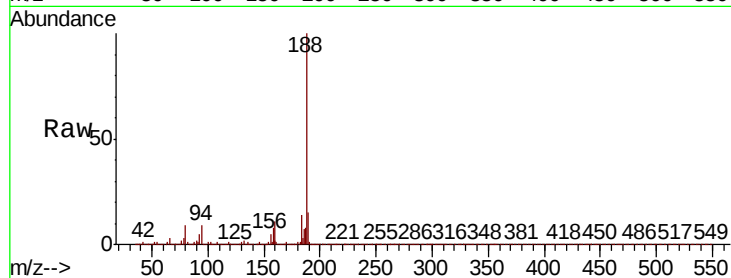
Tot Ion:188 Resp: 858846

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

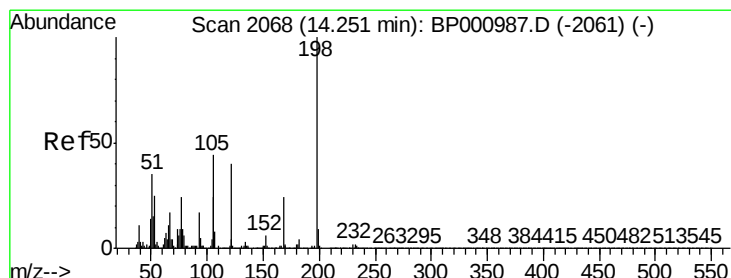
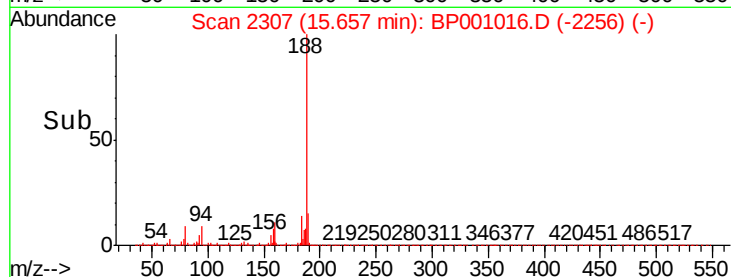
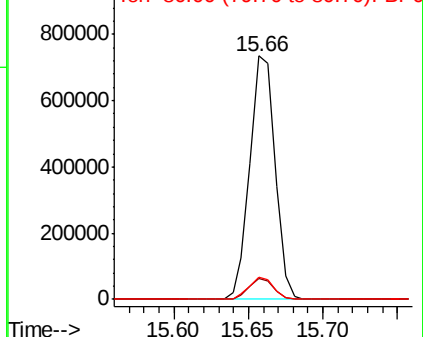
80 9.2 7.9 11.9



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: 9.887 ng

RT: 14.25 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

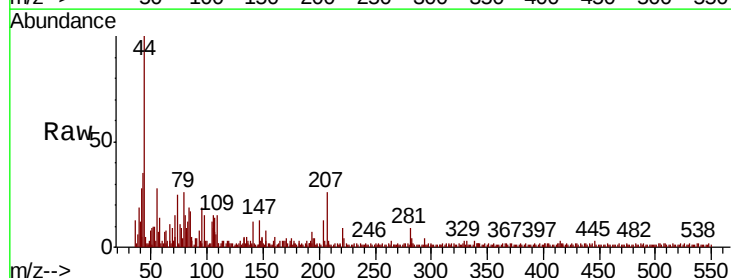
Tgt Ion:198 Resp: 17

Ion Ratio Lower Upper

198 100

51 290.5 16.0 56.0#

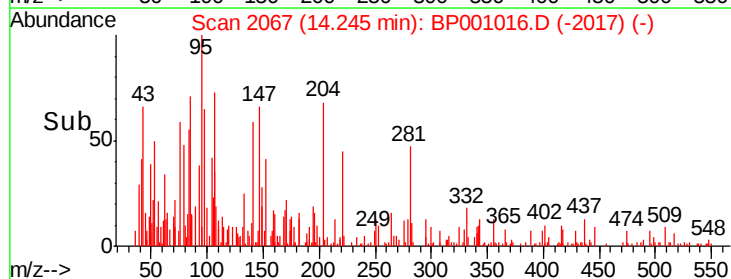
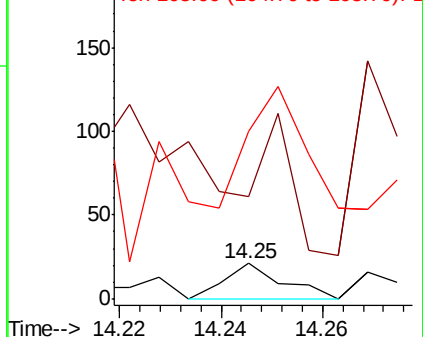
105 476.2 24.9 64.9#

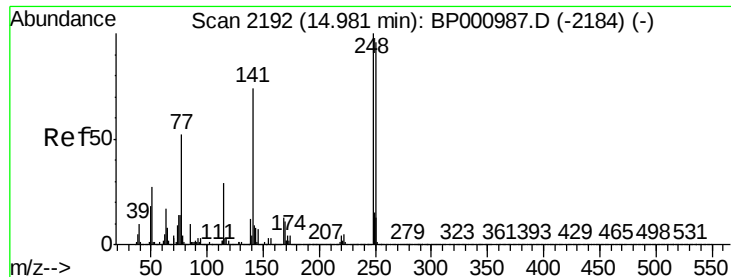


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

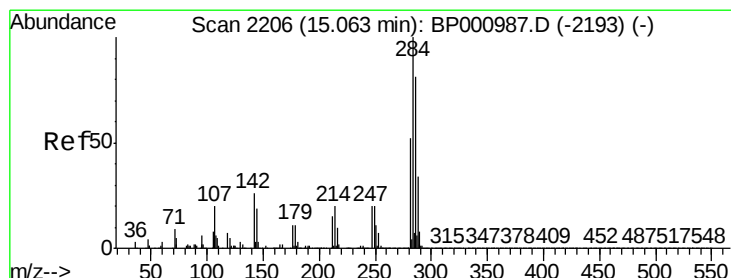
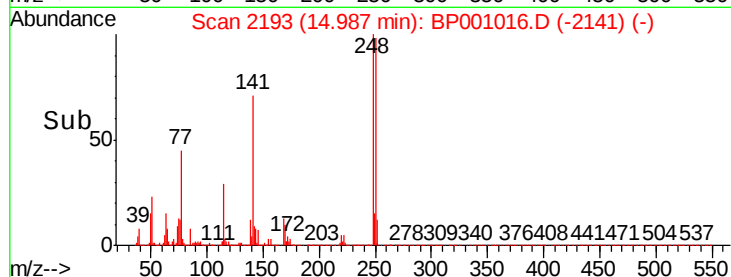
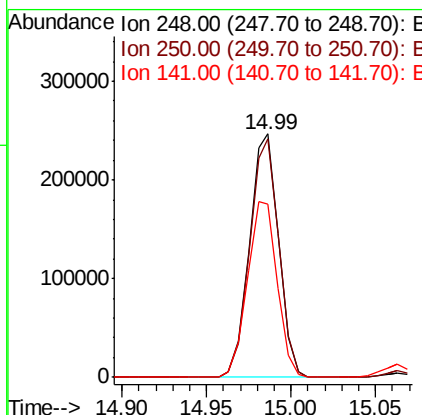
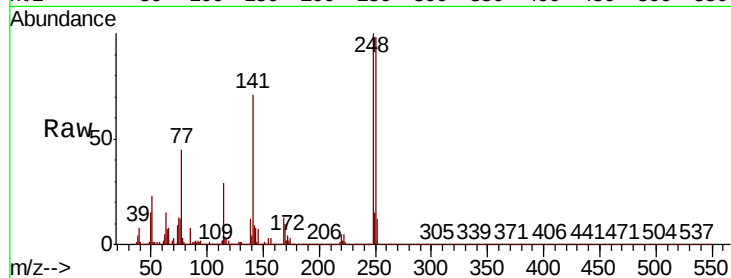




#67
4-Bromophenyl-phenylether
Concen: 29.271 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

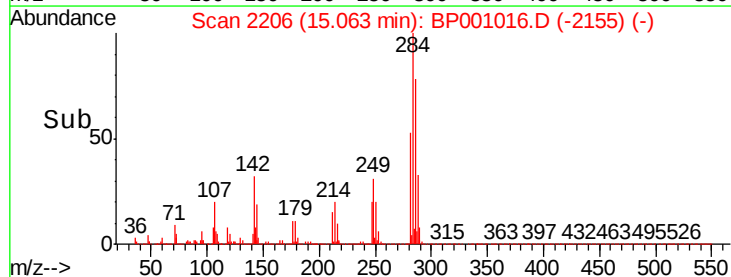
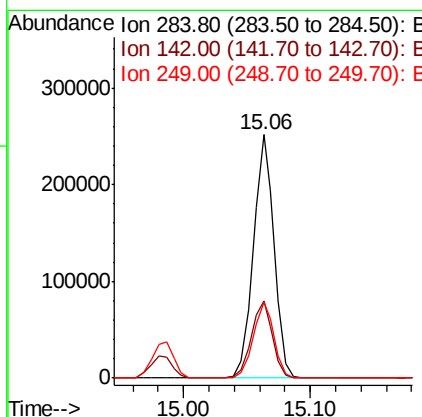
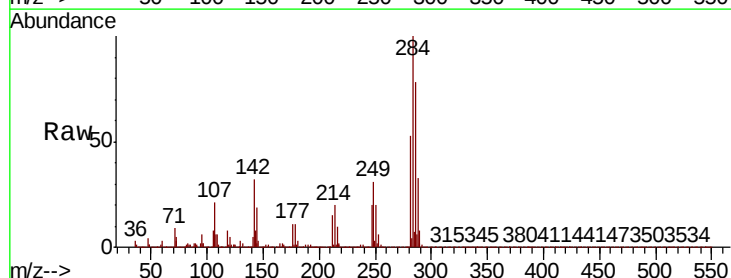
Instrument :
BNA_P
ClientSampleId :

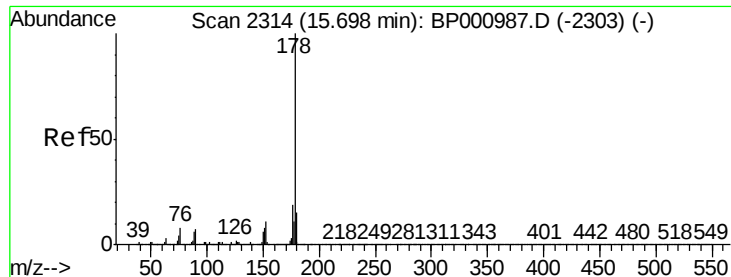
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.0	115.6
141	71.4	59.4	89.0



#68
Hexachlorobenzene
Concen: 24.361 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.8	38.8
249	31.3	25.4	38.0

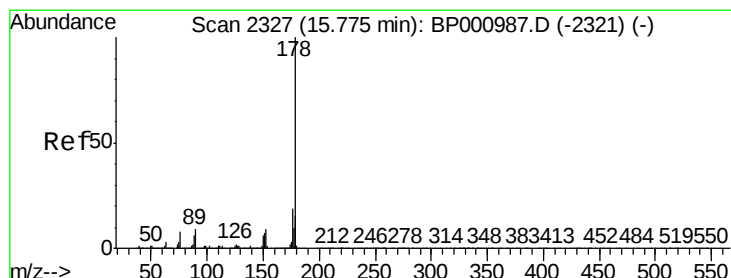
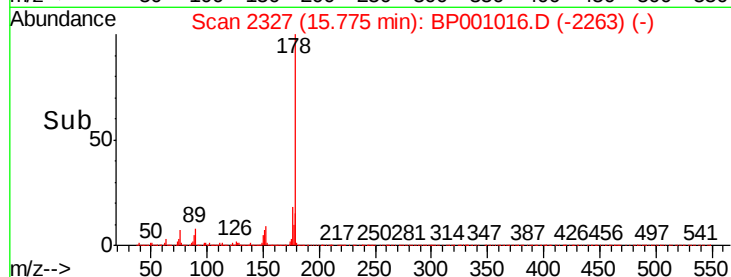
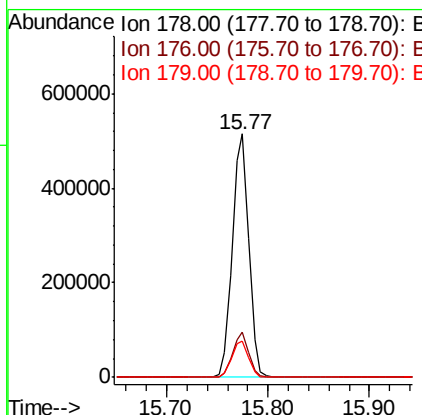
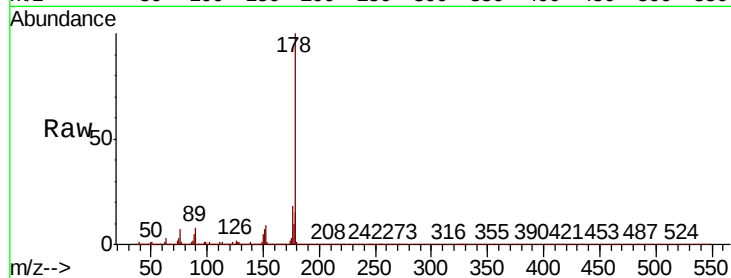




#71
Phenanthrene
Concen: 13.200 ng
RT: 15.77 min Scan# 2327
Delta R.T. 0.08 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

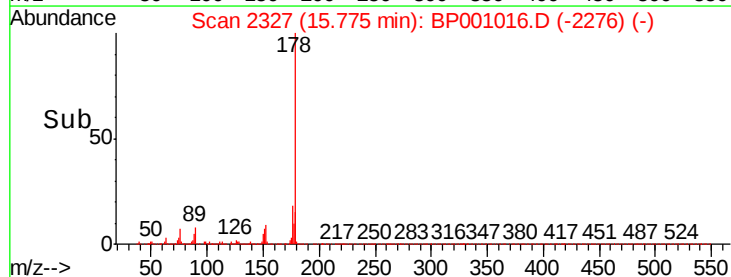
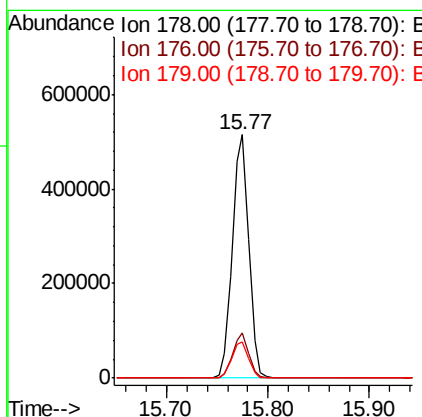
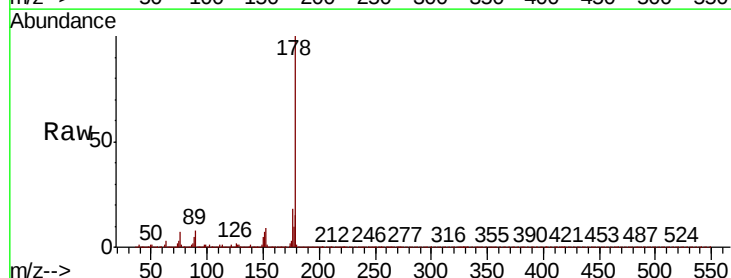
Instrument :
BNA_P
ClientSampleId :

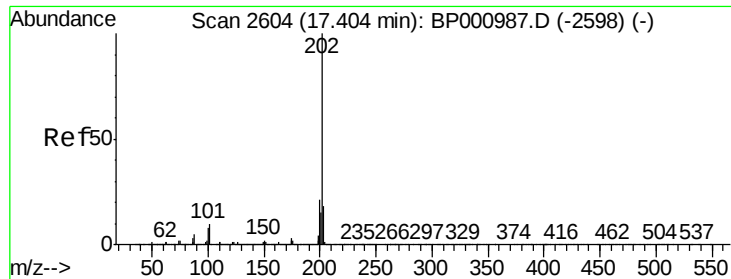
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	14.9	12.3	18.5



#72
Anthracene
Concen: 13.531 ng
RT: 15.77 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	14.9	12.3	18.5





#75

Fluoranthene

Concen: 13.542 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BP001016.D

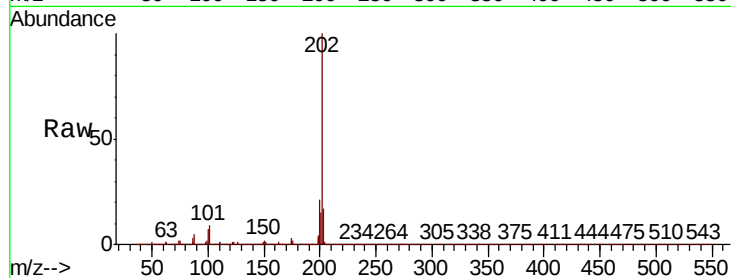
Acq: 08 Nov 2019 16:22

Instrument :

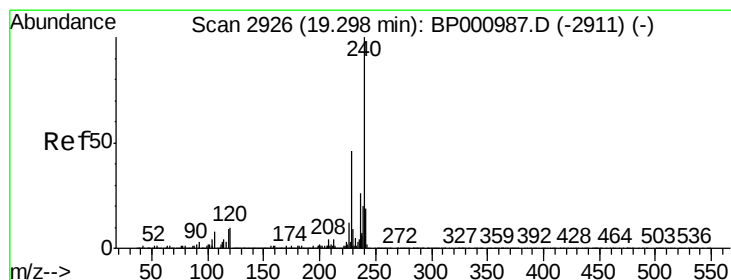
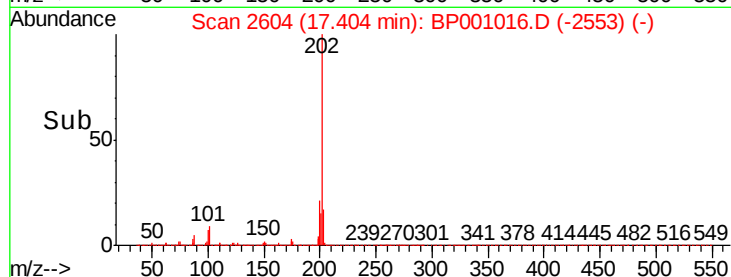
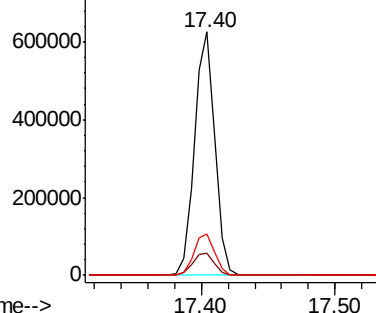
BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	672849
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.1
203	17.2	0.0	37.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

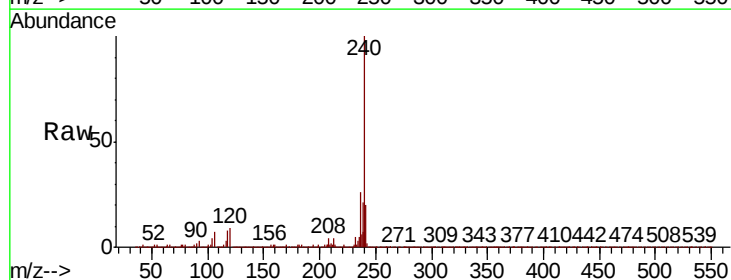
RT: 19.30 min Scan# 2926

Delta R.T. -0.00 min

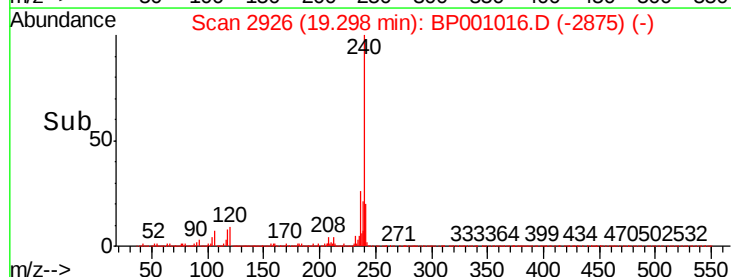
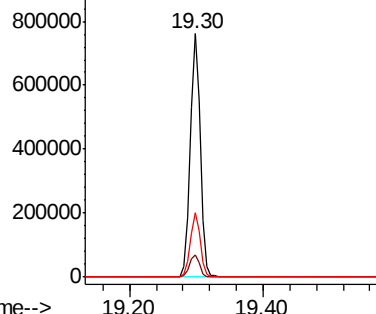
Lab File: BP001016.D

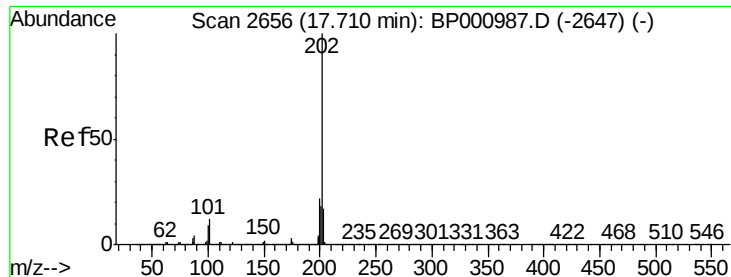
Acq: 08 Nov 2019 16:22

Tgt Ion:	240	Resp:	815269
Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	26.4	20.5	30.7



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





#78

Pvrene

Concen: 32.877 ng

RT: 17.71 min Scan# 2656

Delta R.T. -0.00 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

Instrument :

BNA_P

ClientSampleId :

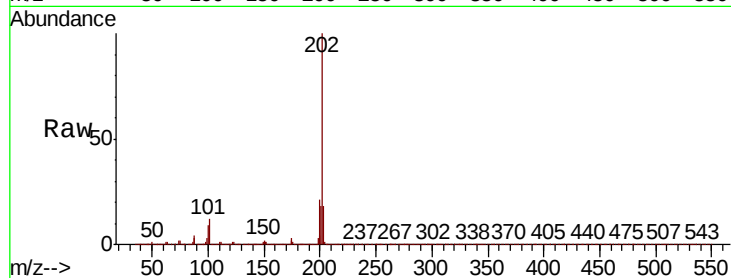
Tot Ion:202 Resp: 1894251

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.7	14.0	21.0

202 100

200 21.3 17.2 25.8

203 17.7 14.0 21.0

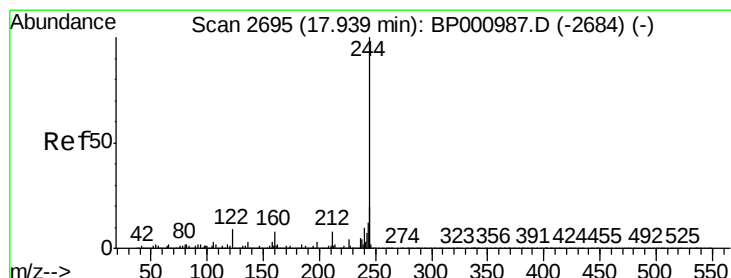
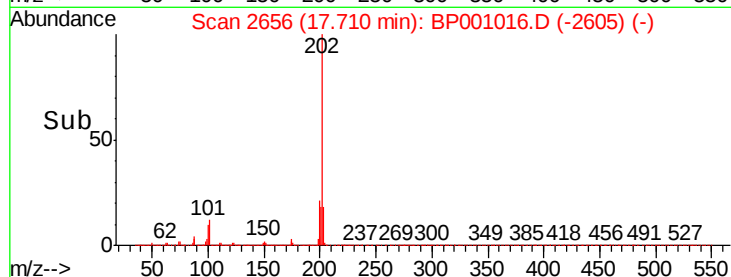
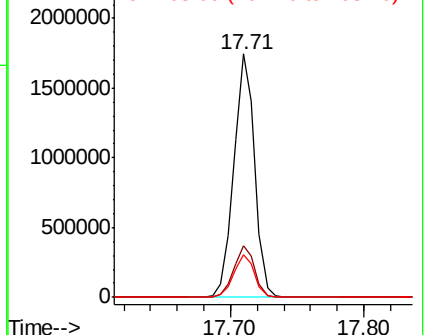


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 19.891 ng

RT: 17.94 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

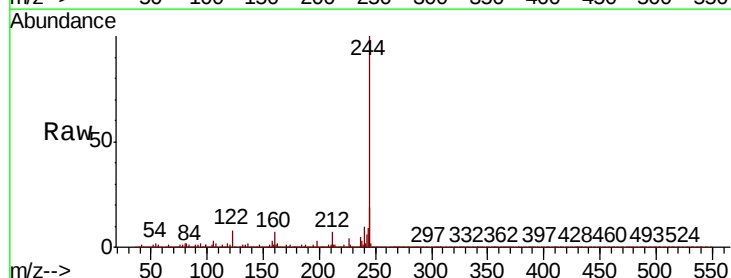
Tgt Ion:244 Resp: 815261

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	8.3	7.4	11.2

244 100

212 7.0 6.0 9.0

122 8.3 7.4 11.2

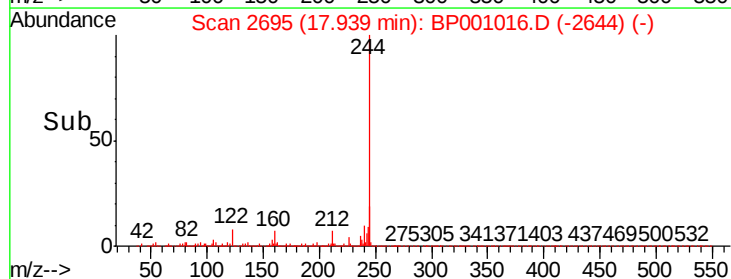
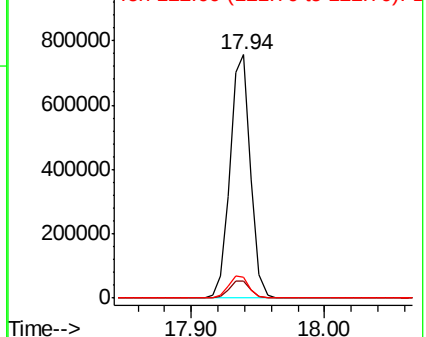


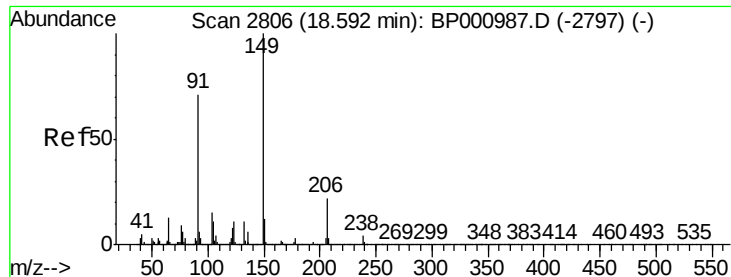
Abundance

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

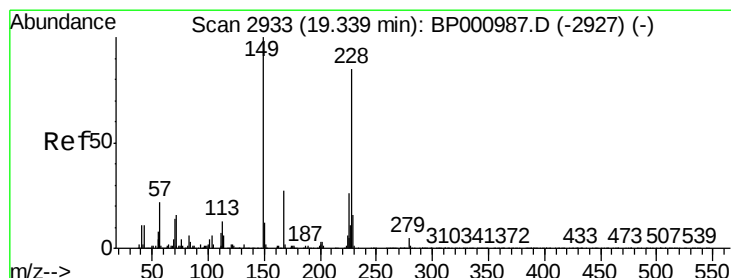
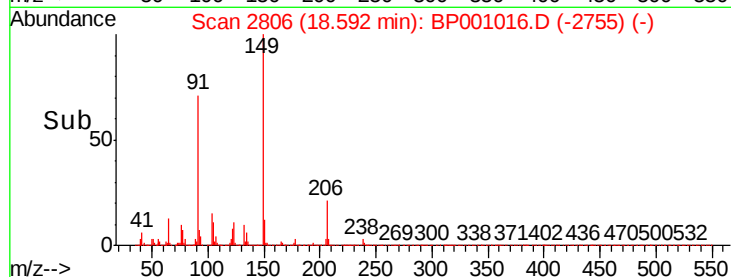
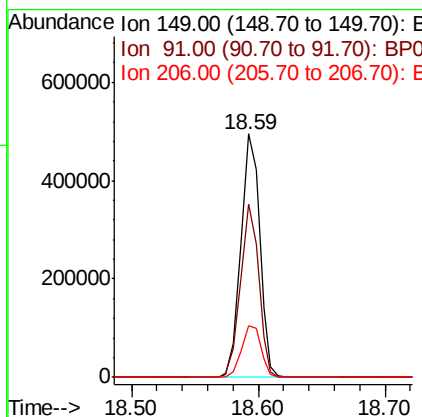
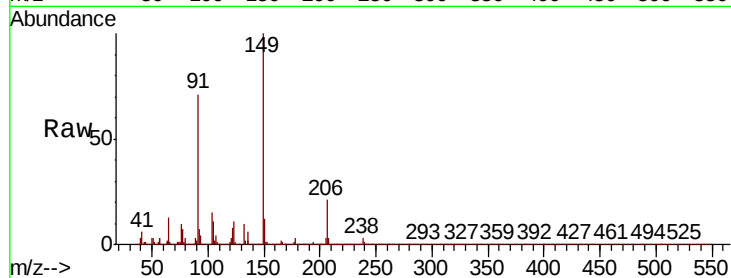




#80
Butylbenzylphthalate
Concen: 22.157 ng
RT: 18.59 min Scan# 2806
Delta R.T. -0.00 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

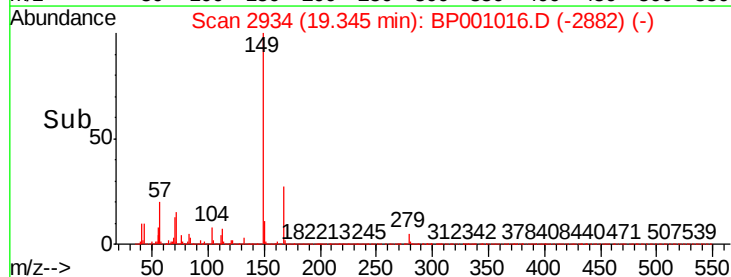
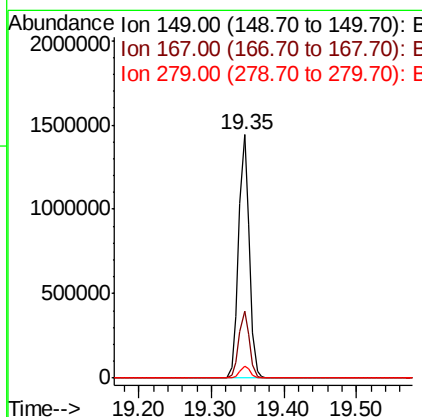
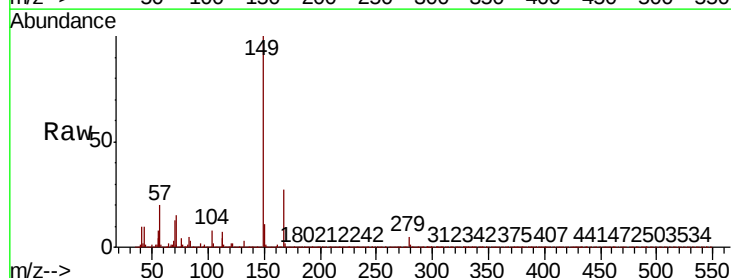
Instrument :
BNA_P
ClientSampleId :

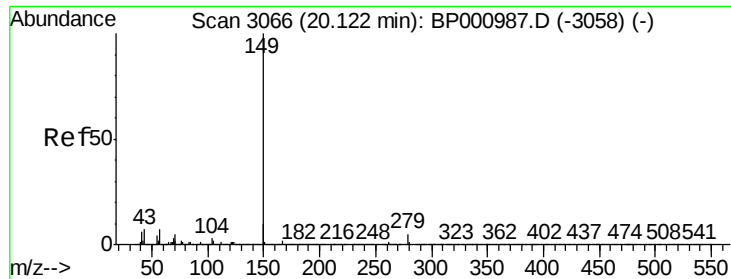
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.2	56.6	84.8
206	21.4	18.0	27.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.673 ng
RT: 19.35 min Scan# 2934
Delta R.T. 0.01 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.4	32.2
279	4.9	3.7	5.5

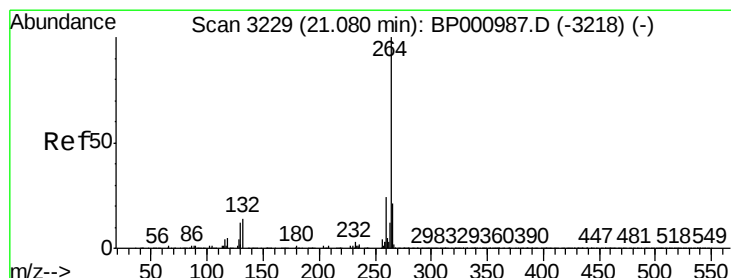
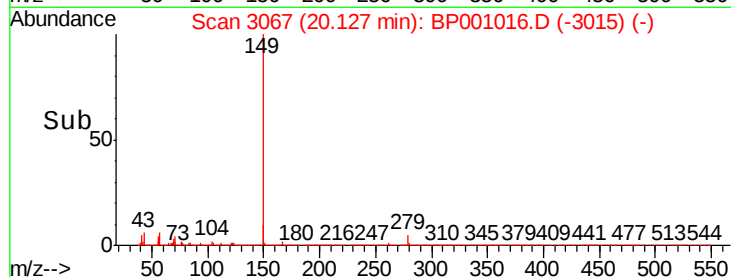
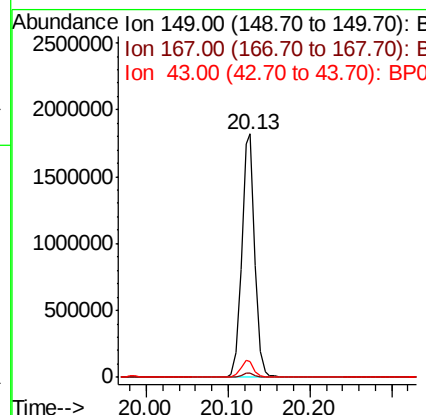
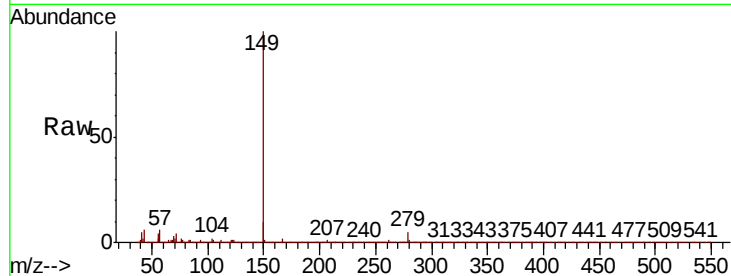




#85
Di-n-octyl phthalate
Concen: 38.649 ng
RT: 20.13 min Scan# 3067
Delta R.T. 0.01 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

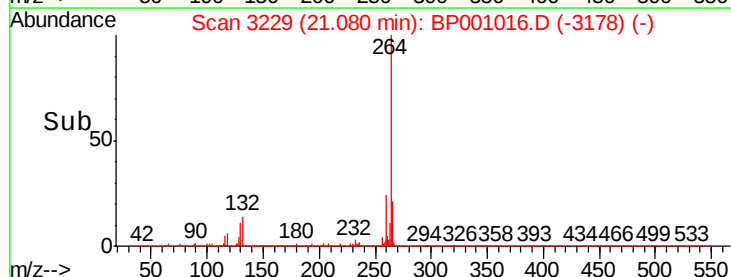
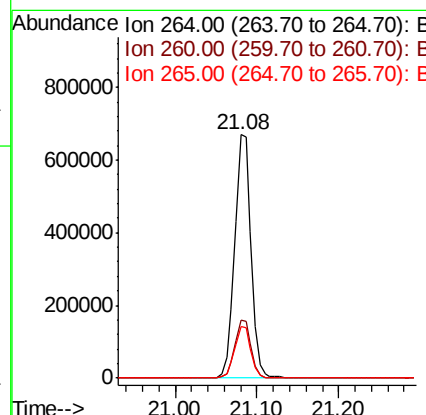
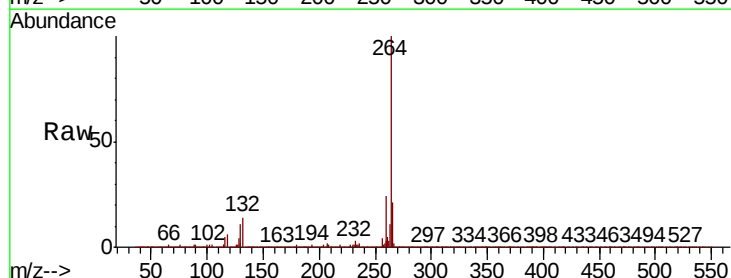
Instrument :
BNA_P
ClientSampleId :

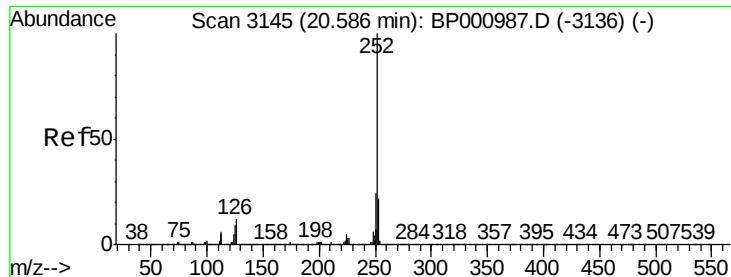
Tot Ion:149 Resp: 2018228
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.8 5.6 8.4



#87
Perylene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Tgt Ion:264 Resp: 933107
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.4 17.1 25.7

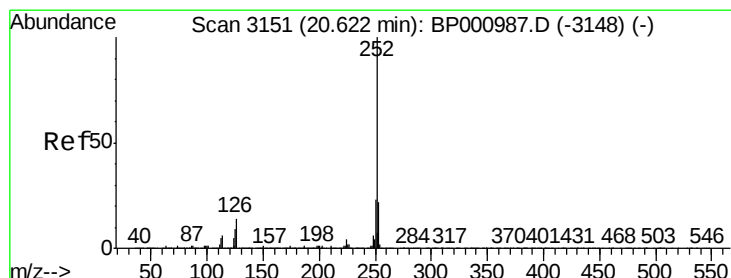
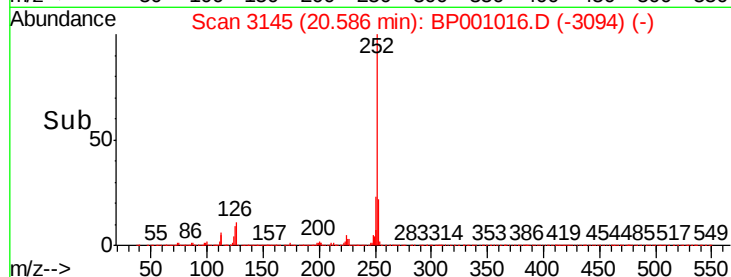
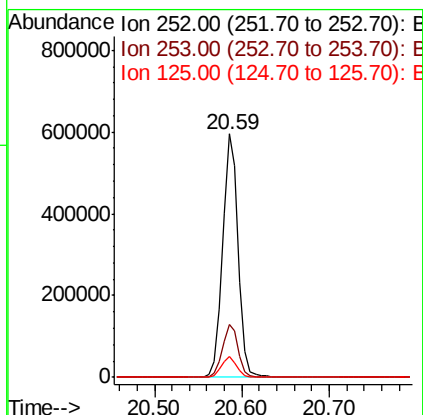
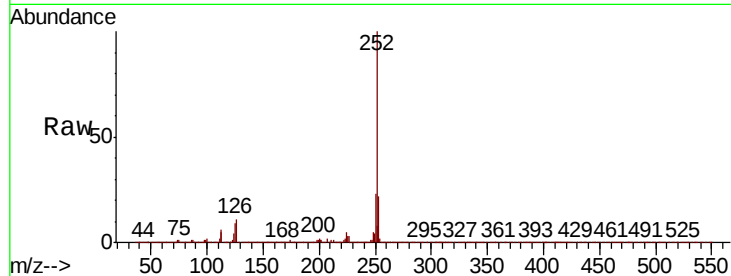




#88
Benzo(b)fluoranthene
Concen: 13.104 ng
RT: 20.59 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

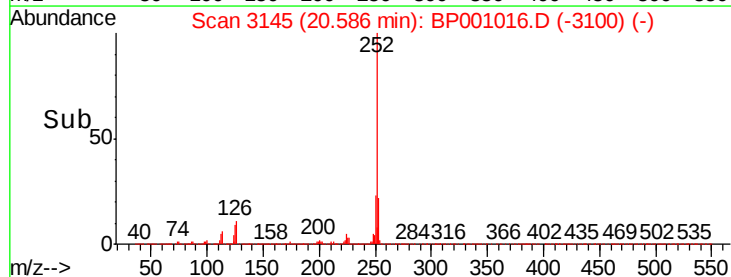
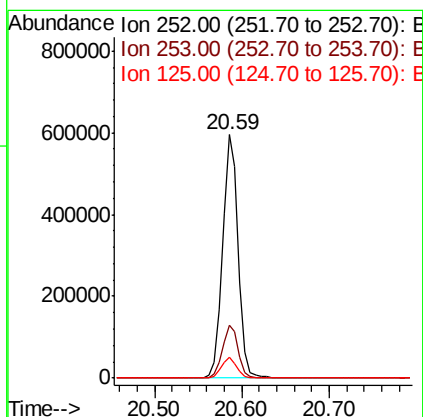
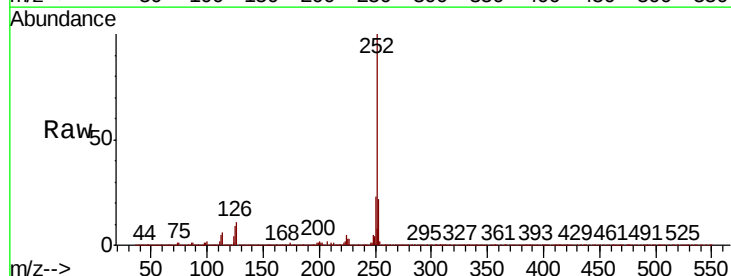
Instrument :
BNA_P
ClientSampleId :

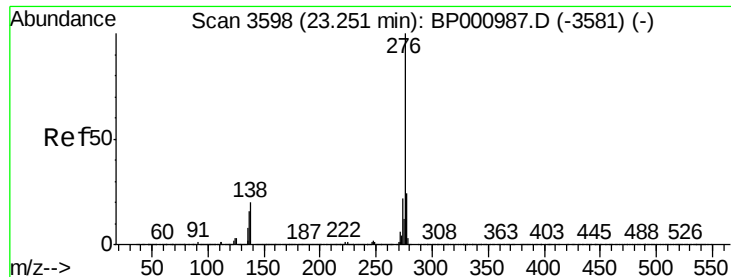
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	8.7	7.3	10.9



#89
Benzo(k)fluoranthene
Concen: 13.921 ng
RT: 20.59 min Scan# 3145
Delta R.T. -0.04 min
Lab File: BP001016.D
Acq: 08 Nov 2019 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	8.7	7.3	10.9





#92

Benzo(a,h,i)perylene

Concen: 17.621 ng

RT: 23.24 min Scan# 3597

Delta R.T. -0.01 min

Lab File: BP001016.D

Acq: 08 Nov 2019 16:22

Instrument :

BNA_P

ClientSampleId :

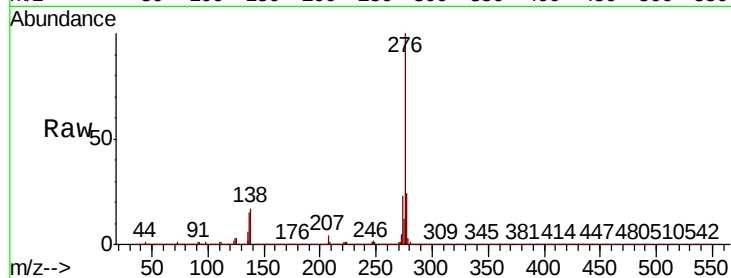
Tot Ion:276 Resp: 926166

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 16.8 15.7 23.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

