

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000360.D
 Acq On : 20 Sep 2019 17:37
 Operator : HP/JU
 Sample : K4968-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 20 23:15:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	174229	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	650377	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	373978	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	715285	20.00	ng	0.00
76) Chrysene-d12	13.99	240	608225	20.00	ng	0.00
87) Perylene-d12	15.47	264	731545	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	838185	83.05	ng	0.00
7) Phenol-d6	6.43	99	1088890	88.02	ng	0.00
23) Nitrobenzene-d5	7.35	82	612126	60.72	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	397417	107.14	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1513863	72.86	ng	0.00
79) Terphenyl-d14	12.93	244	1917588	66.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	137974	30.295	ng	97
3) Pyridine	3.25	79	346612	28.271	ng	99
4) n-Nitrosodimethylamine	3.18	42	117529	33.996	ng	96
6) Aniline	6.45	93	281700	16.515	ng	# 15
8) 2-Chlorophenol	6.58	128	453033	41.686	ng	98
9) Benzaldehyde	6.33	77	287942	43.748	ng	98
10) Phenol	6.44	94	591301	42.069	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	394420	36.644	ng	98
12) 1,3-Dichlorobenzene	6.73	146	498424	38.219	ng	99
13) 1,4-Dichlorobenzene	6.81	146	512889	39.527	ng	96
14) 1,2-Dichlorobenzene	6.96	146	485680	40.861	ng	99
15) Benzyl Alcohol	6.93	79	360570	40.051	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	346438	33.950	ng	97
17) 2-Methylphenol	7.05	107	374025	40.183	ng	98
18) Hexachloroethane	7.30	117	160888	33.506	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	248694	38.022	ng	97
20) 3+4-Methylphenols	7.20	107	467078	41.497	ng	91
22) Acetophenone	7.19	105	610171	43.292	ng	# 98
24) Nitrobenzene	7.37	77	418804	40.000	ng	98
25) Isophorone	7.61	82	779461	39.050	ng	98
26) 2-Nitrophenol	7.69	139	202717	36.521	ng	95
27) 2,4-Dimethylphenol	7.73	122	409885	46.359	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	515031	38.795	ng	99
29) 2,4-Dichlorophenol	7.93	162	423016	44.641	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	458311	42.196	ng	100
31) Naphthalene	8.09	128	1308047	43.426	ng	100
32) Benzoic acid	7.82	122	104941	17.579	ng	99
33) 4-Chloroaniline	8.14	127	222984	16.358	ng	99
34) Hexachlorobutadiene	8.22	225	281862	43.797	ng	98
35) Caprolactam	8.50	113	140725	43.655	ng	91
36) 4-Chloro-3-methylphenol	8.63	107	428403	44.534	ng	98
37) 2-Methylnaphthalene	8.79	142	919659	44.663	ng	99
38) 1-Methylnaphthalene	8.89	142	863360	44.760	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	493820	46.183	ng	99

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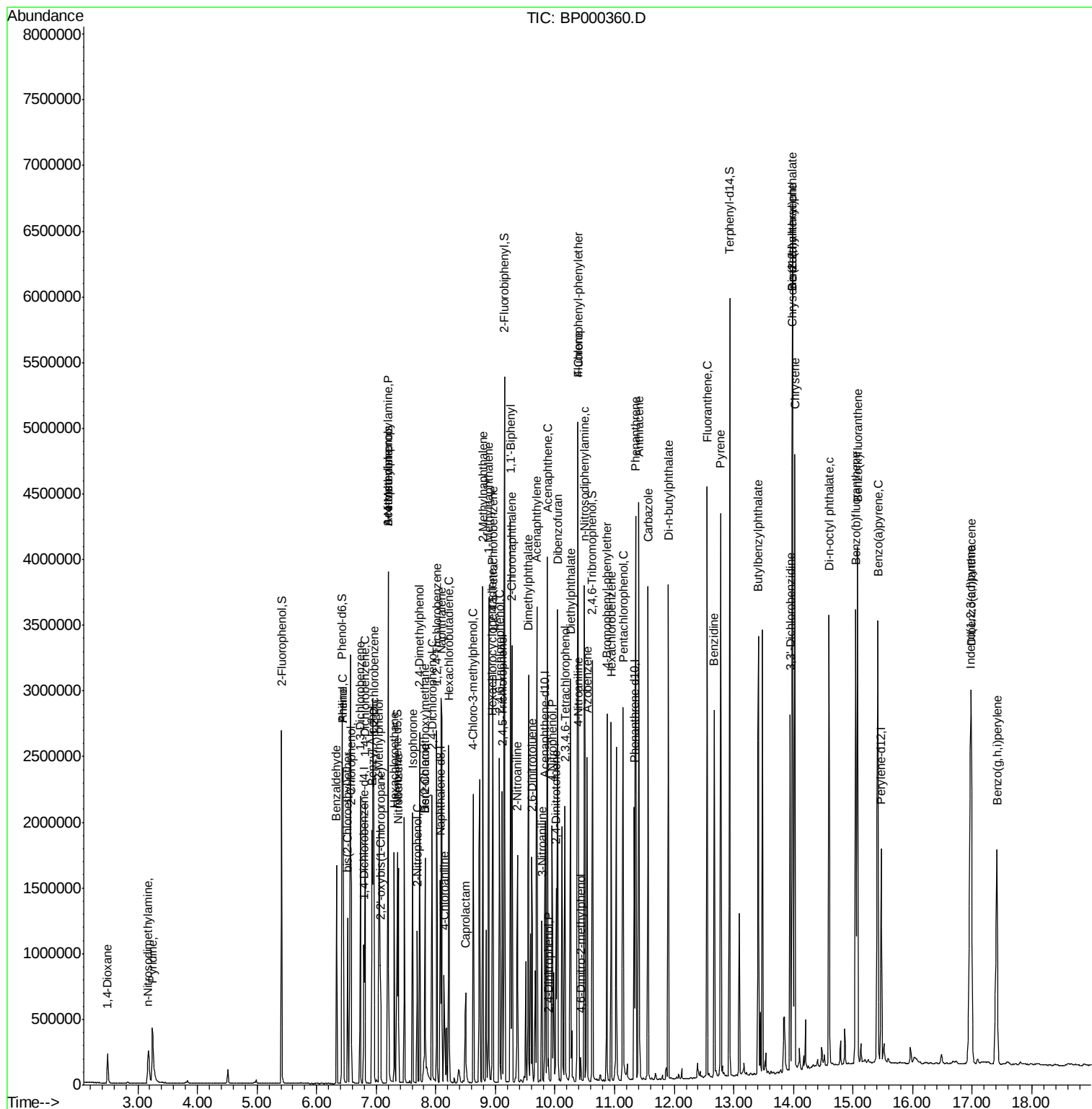
Instrument :
 BNA_P
 ClientSampleId :

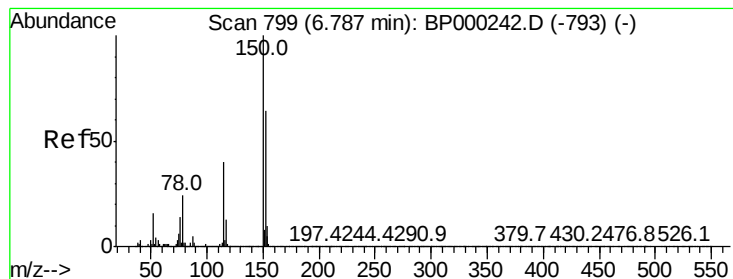
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	155104	25.261	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	322302	43.561	ng	100
44) 2,4,5-Trichlorophenol	9.11	196	344466	45.467	ng	98
46) 1,1'-Biphenyl	9.25	154	1168390	45.162	ng	98
47) 2-Chloronaphthalene	9.28	162	906896	41.788	ng	99
48) 2-Nitroaniline	9.37	65	221457	40.183	ng	99
49) Acenaphthylene	9.69	152	1448035	44.388	ng	100
50) Dimethylphthalate	9.55	163	1260555	49.473	ng	99
51) 2,6-Dinitrotoluene	9.61	165	240464	42.922	ng	98
52) Acenaphthene	9.87	154	832718	40.450	ng	99
53) 3-Nitroaniline	9.78	138	208913	32.126	ng	94
54) 2,4-Dinitrophenol	9.89	184	27052	10.930	ng	92
55) Dibenzofuran	10.04	168	1335352	45.885	ng	100
56) 4-Nitrophenol	9.95	139	368860	76.263	ng	93
57) 2,4-Dinitrotoluene	10.02	165	309509	42.259	ng	98
58) Fluorene	10.39	166	991617	44.115	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	295563	47.411	ng	96
60) Diethylphthalate	10.26	149	1093567	44.616	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	533099	46.202	ng	100
62) 4-Nitroaniline	10.40	138	269948	42.204	ng	94
63) Azobenzene	10.54	77	851103	40.986	ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	27241	8.099	ng	96
66) n-Nitrosodiphenylamine	10.49	169	925766	42.994	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	351540	43.462	ng	97
68) Hexachlorobenzene	10.95	284	385107	43.551	ng	96
69) Atrazine	11.03	200	306999	Below Cal		97
70) Pentachlorophenol	11.14	266	387317	80.422	ng	100
71) Phenanthrene	11.35	178	1566310	43.697	ng	100
72) Anthracene	11.40	178	1600894	43.390	ng	99
73) Carbazole	11.56	167	1454680	43.780	ng	99
74) Di-n-butylphthalate	11.90	149	1774809	42.199	ng	99
75) Fluoranthene	12.55	202	1756340	45.632	ng	97
77) Benzidine	12.67	184	1175038	54.094	ng	98
78) Pyrene	12.78	202	1777051	39.051	ng	100
80) Butylbenzylphthalate	13.41	149	771132	36.880	ng	97
81) Benzo(a)anthracene	13.99	228	1592352	41.446	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	604909	39.176	ng	99
83) Chrysene	14.02	228	1548703	41.055	ng	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1021297	40.689	ng	# 99
85) Di-n-octyl phthalate	14.60	149	1827238	39.278	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	1849785	40.229	ng	95
88) Benzo(b)fluoranthene	15.05	252	1744816	39.981	ng	# 98
89) Benzo(k)fluoranthene	15.07	252	1692301	44.455	ng	# 98
90) Benzo(a)pyrene	15.42	252	1724562	43.429	ng	# 97
91) Dibenzo(a,h)anthracene	16.99	278	1561379	42.173	ng	96
92) Benzo(g,h,i)perylene	17.42	276	1448230	38.056	ng	95

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

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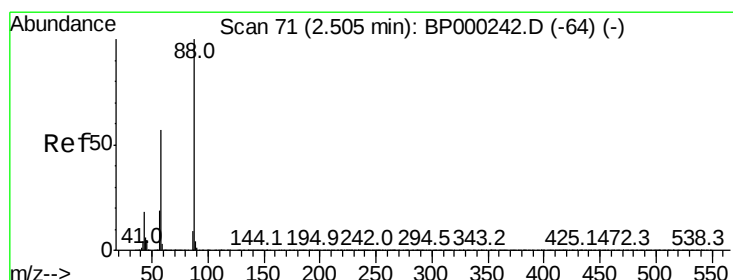
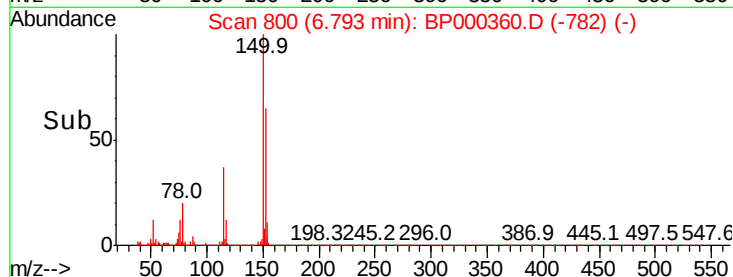
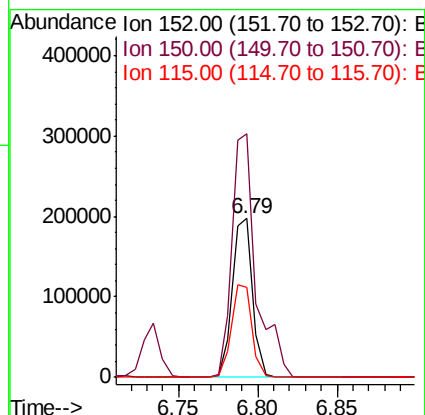
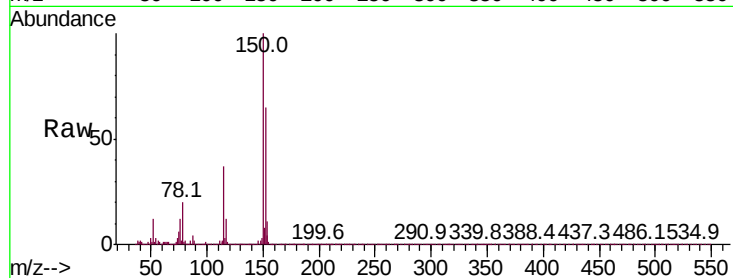


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Instrument :
BNA_P
ClientSampleId :

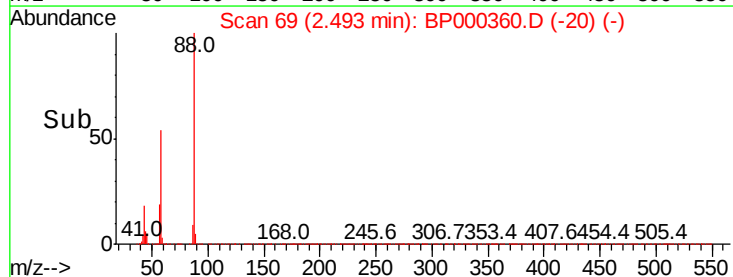
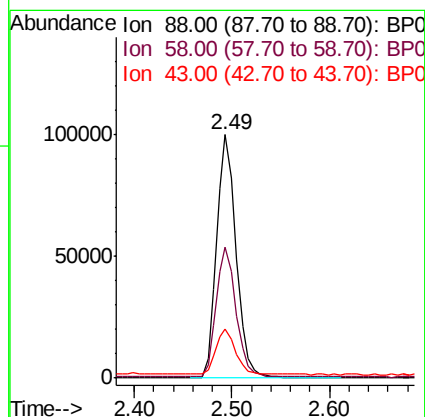
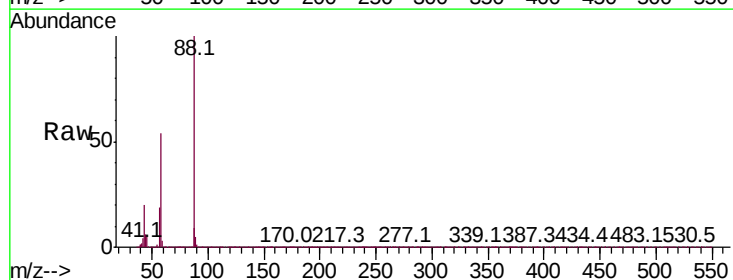
Tot Ion:152 Resp: 174229
Ion Ratio Lower Upper
152 100
150 153.4 125.2 187.8
115 56.4 49.7 74.5

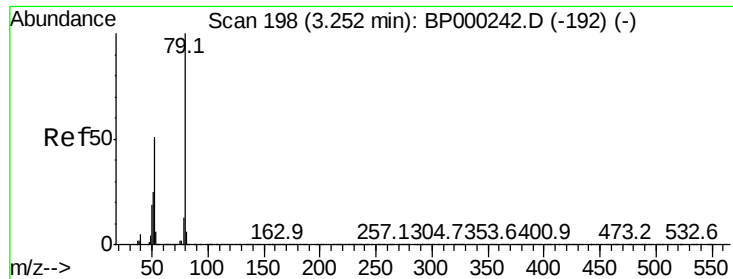


#2

1,4-Dioxane
Concen: 30.295 ng
RT: 2.49 min Scan# 69
Delta R.T. -0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion: 88 Resp: 137974
Ion Ratio Lower Upper
88 100
58 54.2 45.4 68.2
43 18.5 15.0 22.6





#3

Pvridine

Concen: 28.271 ng

RT: 3.25 min Scan# 197

Delta R.T. -0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

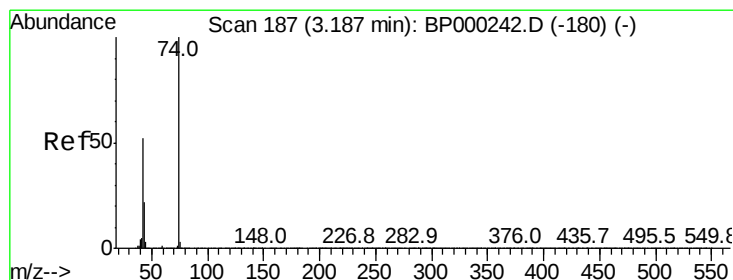
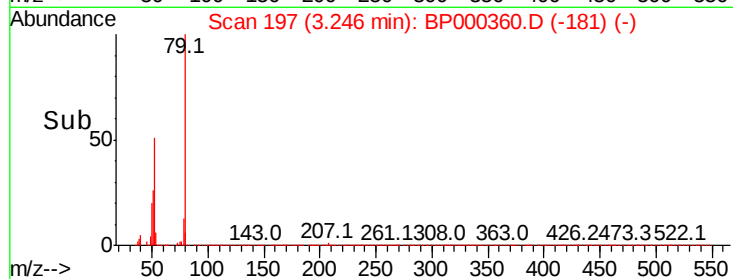
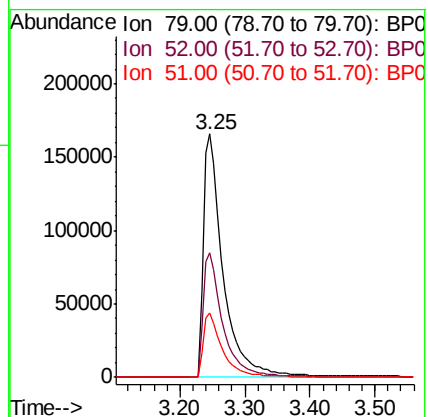
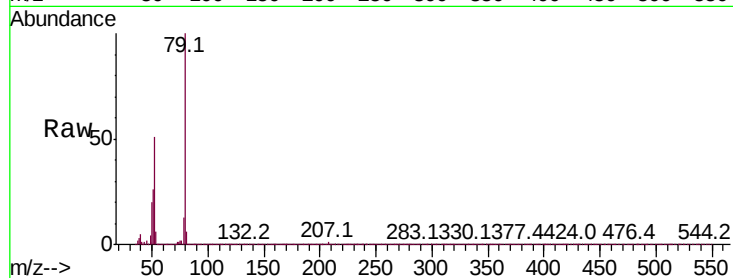
Tot Ion: 79 Resp: 346612

Ion Ratio Lower Upper

79 100

52 51.3 40.9 61.3

51 26.2 20.2 30.2



#4

n-Nitrosodimethylamine

Concen: 33.996 ng

RT: 3.18 min Scan# 185

Delta R.T. -0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

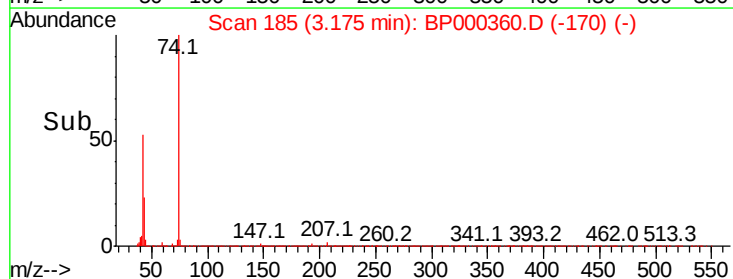
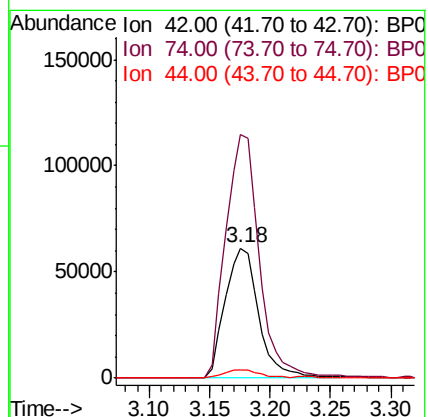
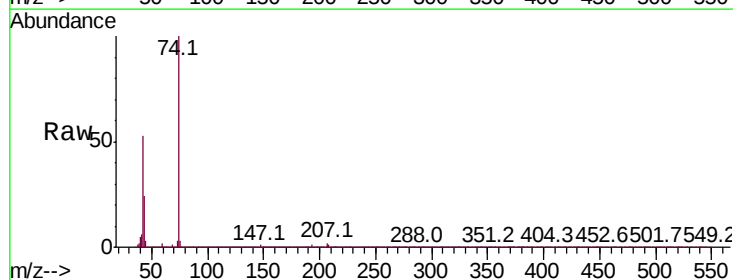
Tgt Ion: 42 Resp: 117529

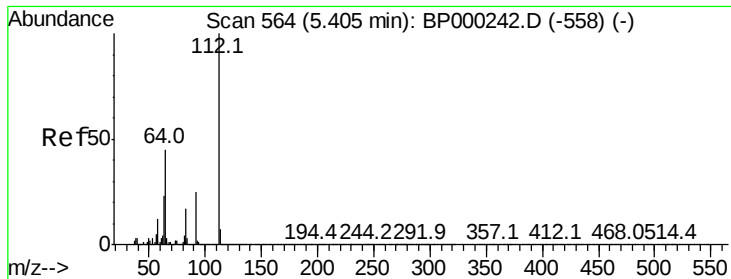
Ion Ratio Lower Upper

42 100

74 187.8 154.5 231.7

44 6.5 5.9 8.9





#5

2-Fluorophenol

Concen: 83.052 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampled :

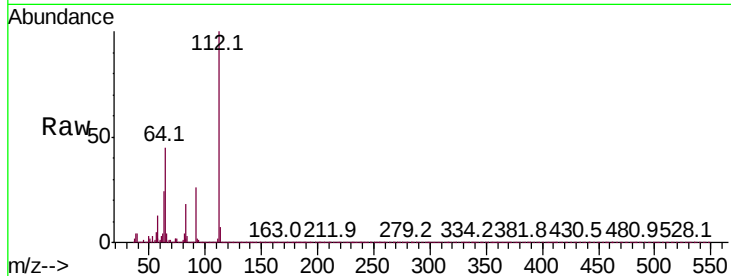
Tot Ion:112 Resp: 838185

Ion Ratio Lower Upper

112 100

64 45.0 36.2 54.4

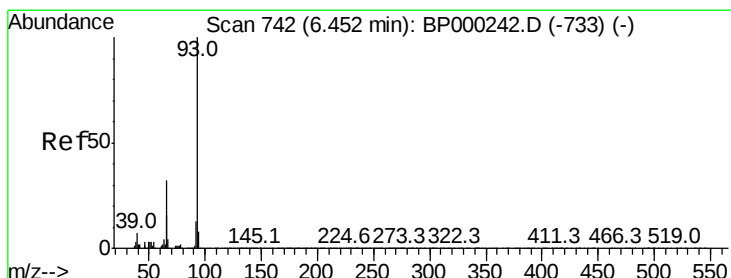
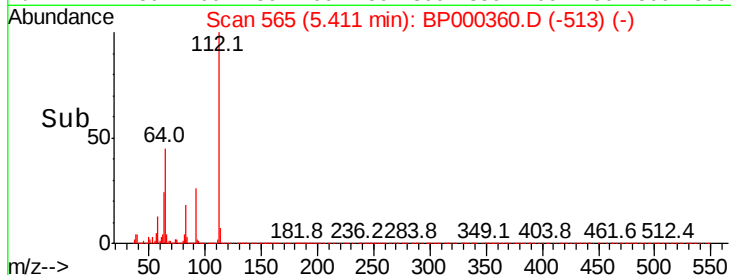
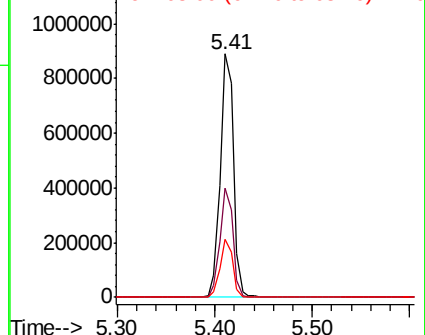
63 23.9 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 16.515 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

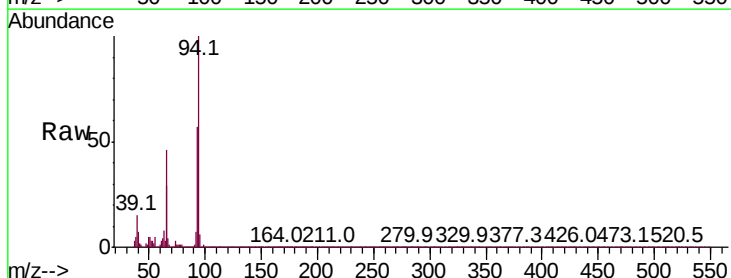
Tgt Ion: 93 Resp: 281700

Ion Ratio Lower Upper

93 100

66 81.6 26.2 39.2#

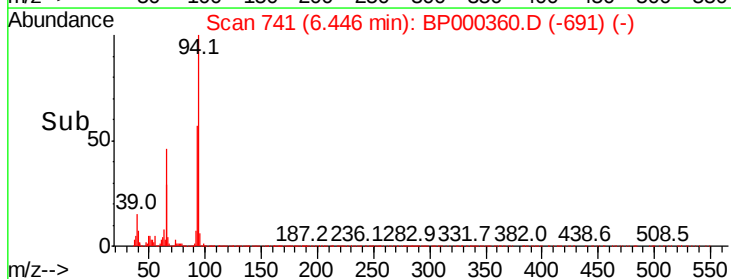
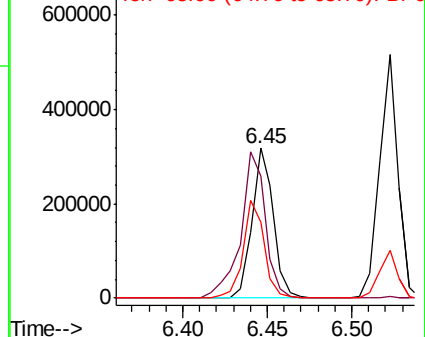
65 50.3 12.7 19.1#

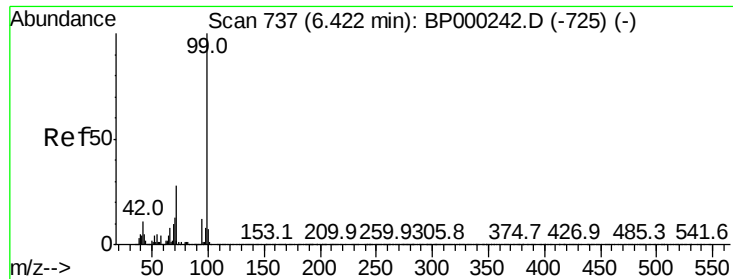


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 88.019 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

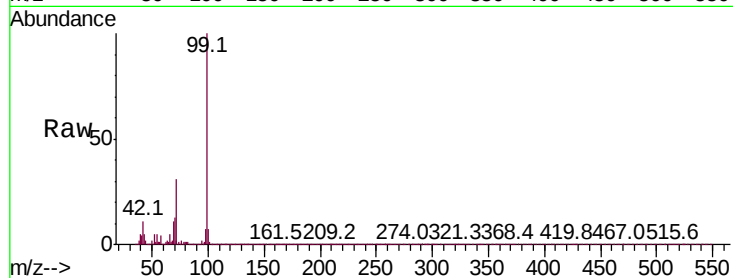
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1088890

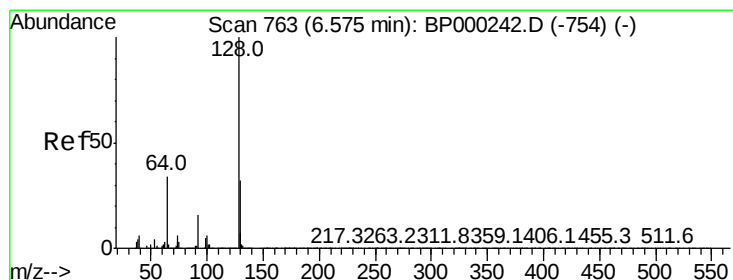
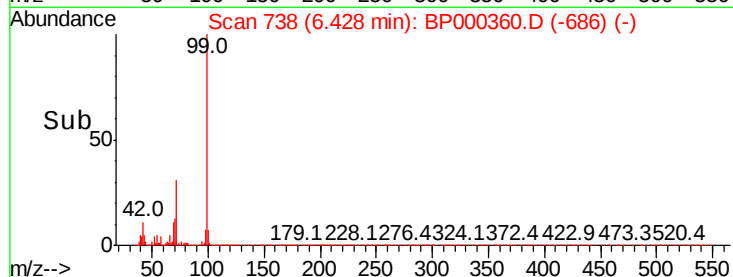
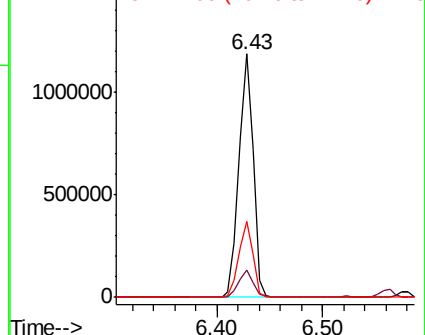
Ion	Ratio	Lower	Upper
99	100		
42	11.2	8.5	12.7
71	31.2	22.6	34.0



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



#8

2-Chlorophenol

Concen: 41.686 ng

RT: 6.58 min Scan# 763

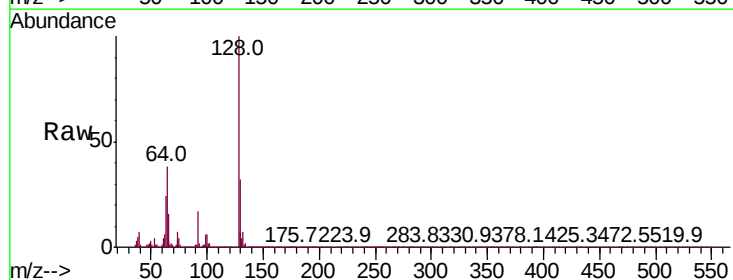
Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Tgt Ion: 128 Resp: 453033

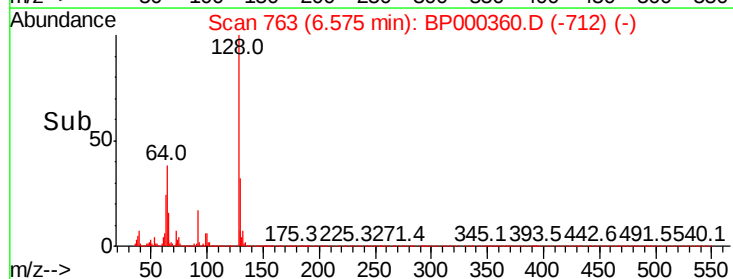
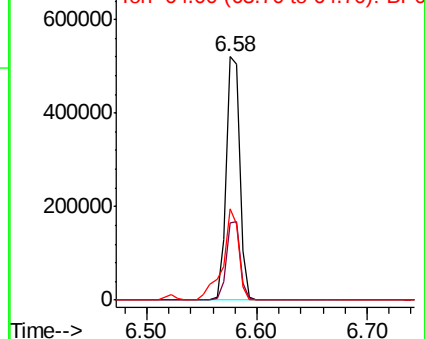
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.5	52.5
64	37.7	16.0	56.0

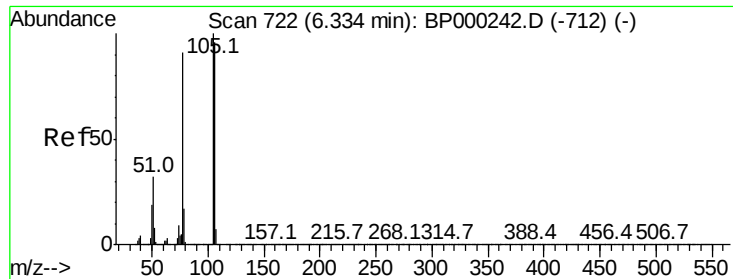


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 43.748 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampled :

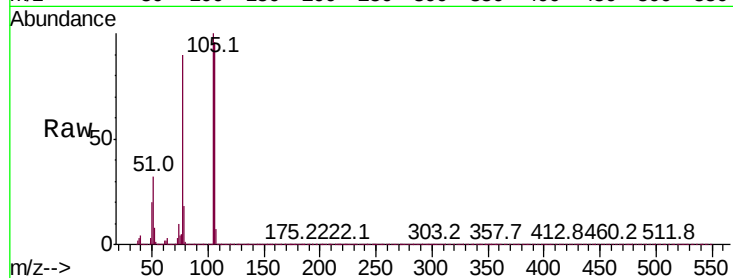
Tot Ion: 77 Resp: 287942

Ion Ratio Lower Upper

77 100

105 111.5 89.6 129.6

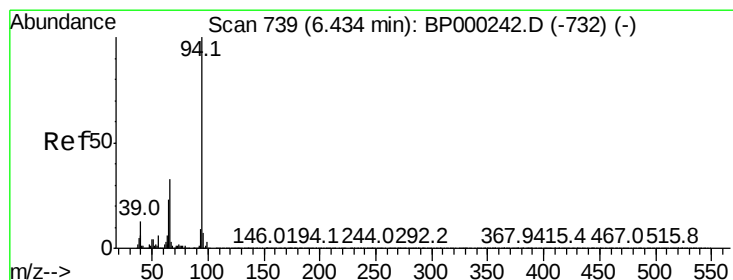
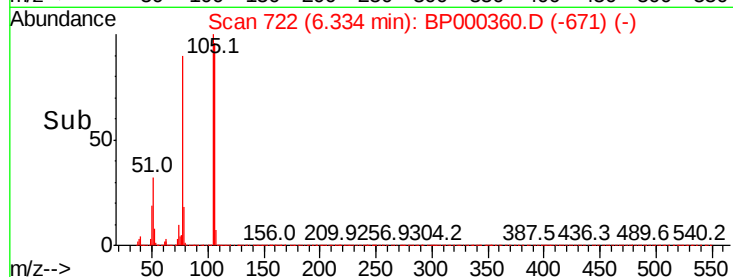
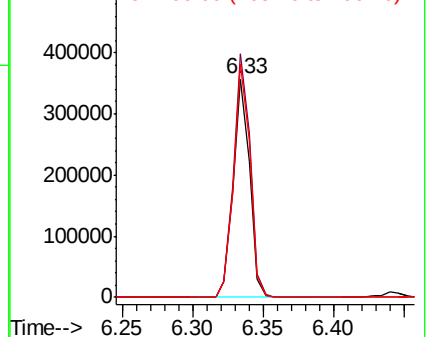
106 106.7 84.6 124.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.069 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

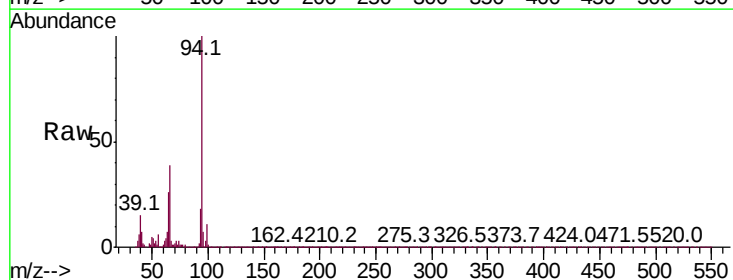
Tgt Ion: 94 Resp: 591301

Ion Ratio Lower Upper

94 100

65 25.9 3.3 43.3

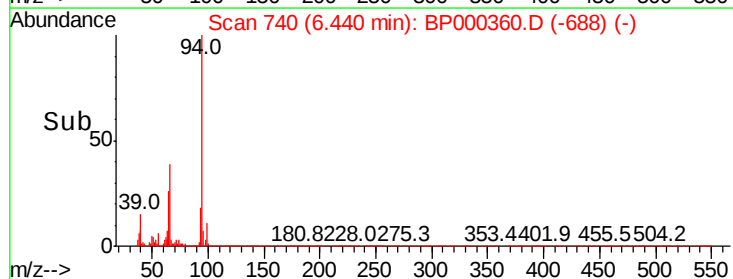
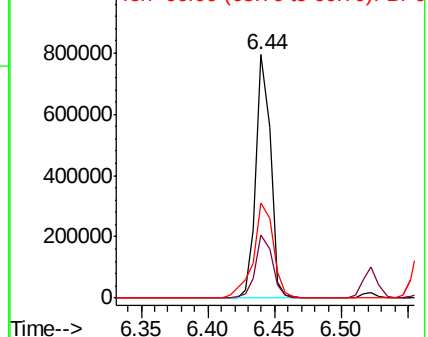
66 39.0 12.7 52.7

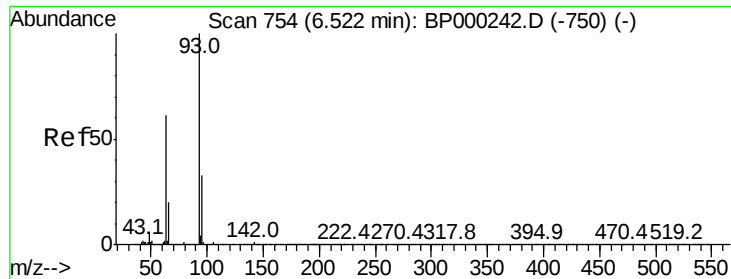


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#11

bis(2-Chloroethyl)ether

Concen: 36.644 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

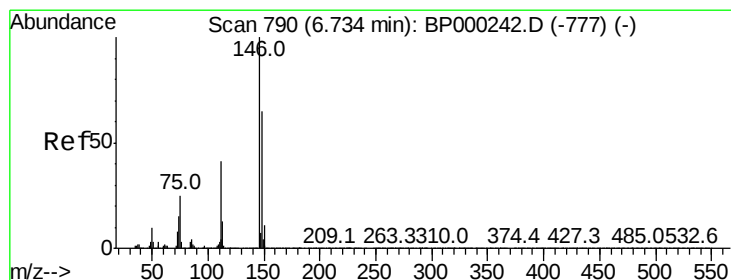
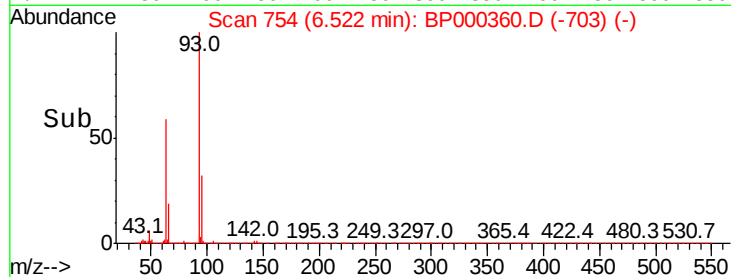
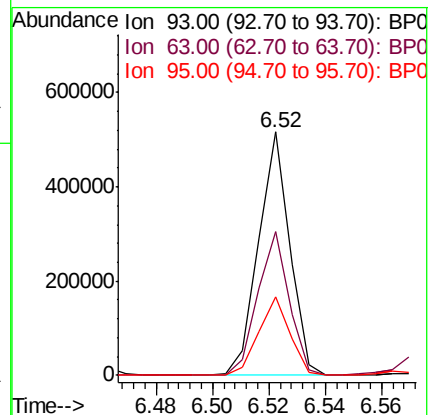
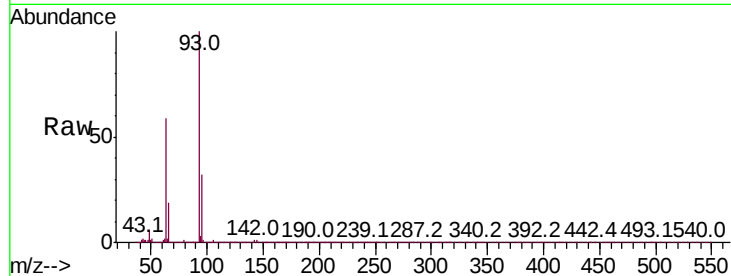
Tot Ion: 93 Resp: 394420

Ion Ratio Lower Upper

93 100

63 59.0 41.0 81.0

95 32.3 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 38.219 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

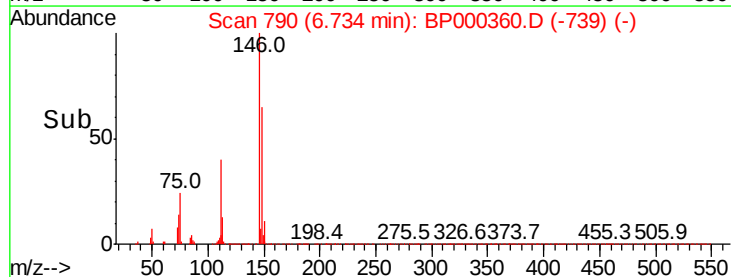
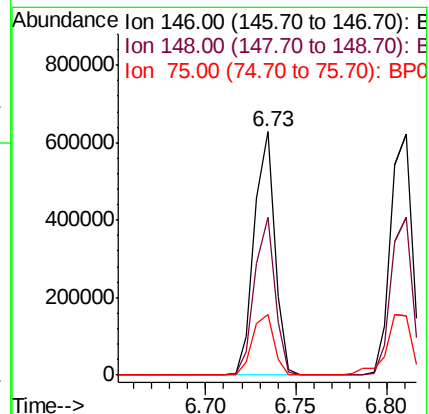
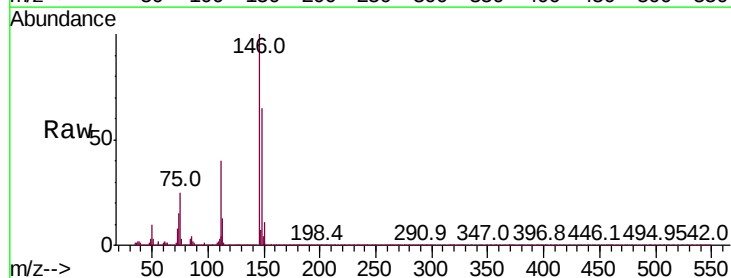
Tgt Ion: 146 Resp: 498424

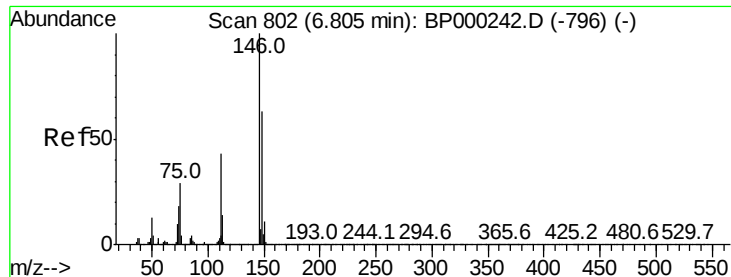
Ion Ratio Lower Upper

146 100

148 64.8 52.1 78.1

75 24.7 20.2 30.4





#13

1,4-Dichlorobenzene

Concen: 39.527 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

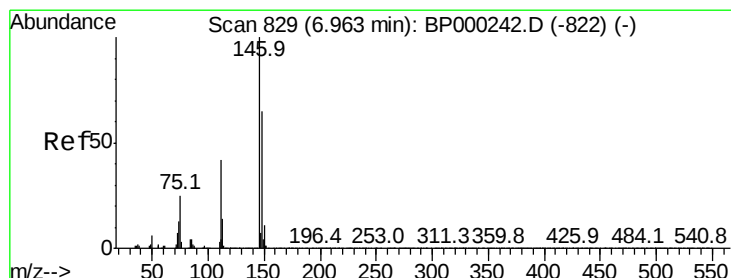
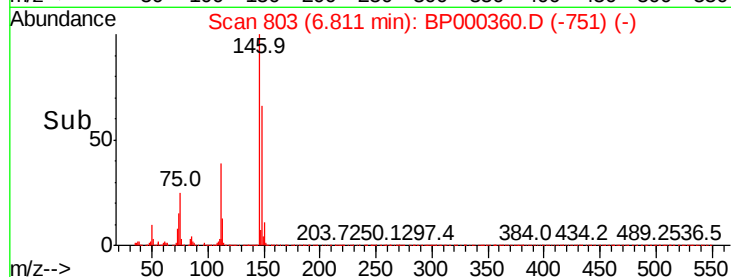
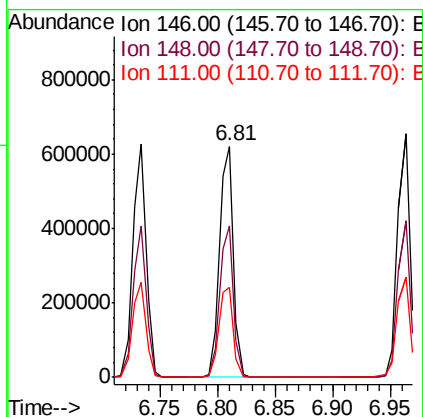
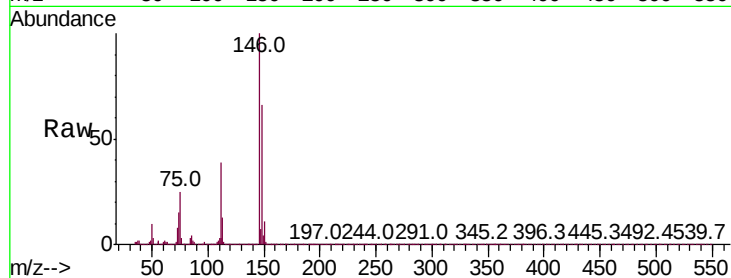
Tot Ion:146 Resp: 512889

Ion Ratio Lower Upper

146 100

148 65.6 50.7 76.1

111 38.9 34.1 51.1



#14

1,2-Dichlorobenzene

Concen: 40.861 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

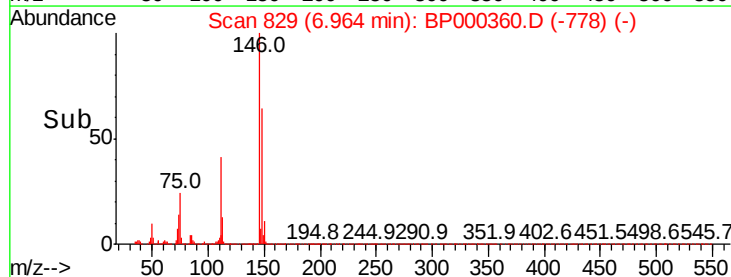
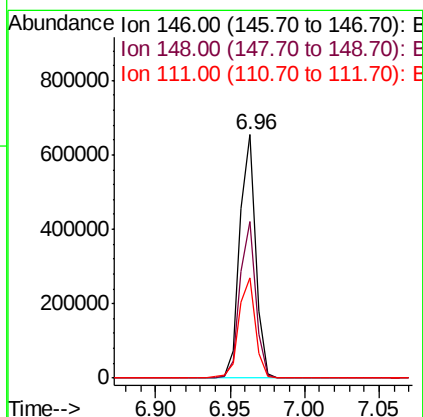
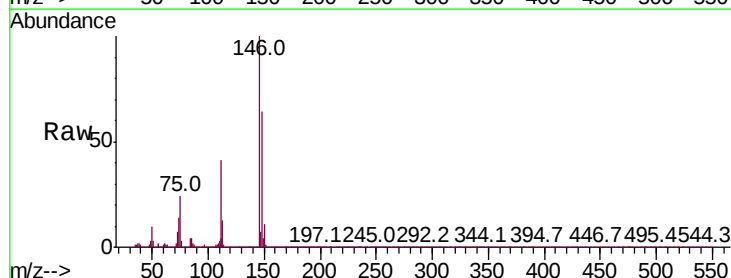
Tgt Ion:146 Resp: 485680

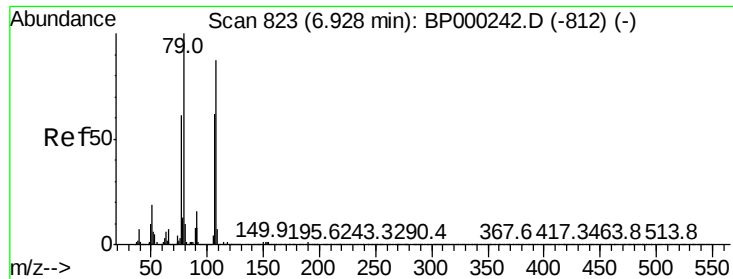
Ion Ratio Lower Upper

146 100

148 64.4 51.7 77.5

111 41.1 33.4 50.2





#15

Benzyl Alcohol

Concen: 40.051 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

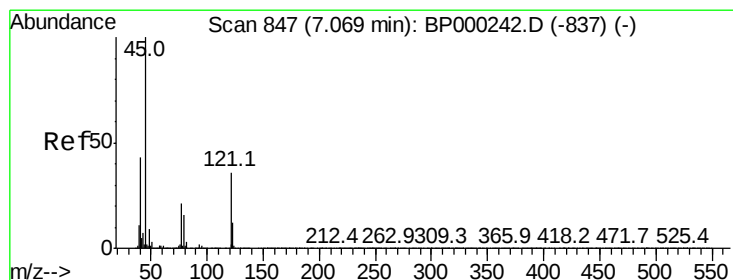
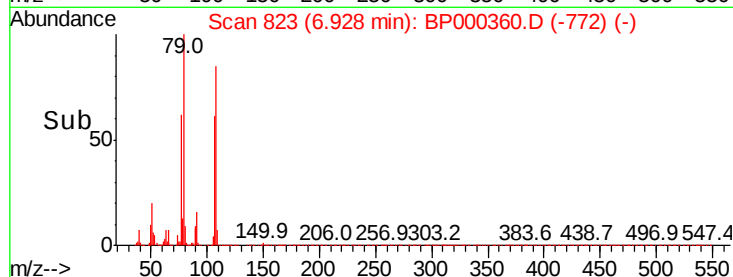
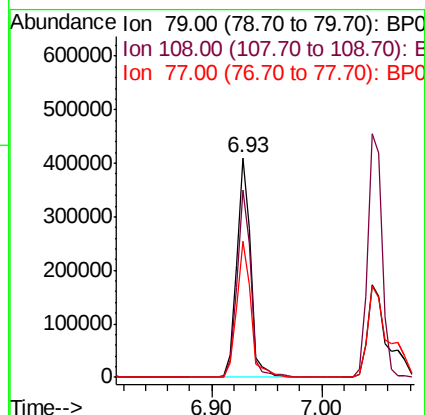
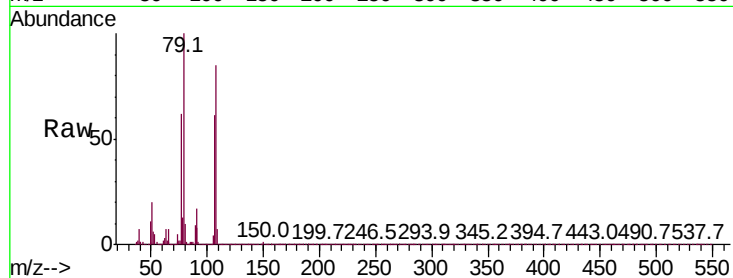
Tot Ion: 79 Resp: 360570

Ion Ratio Lower Upper

79 100

108 85.1 69.2 103.8

77 62.2 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.950 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

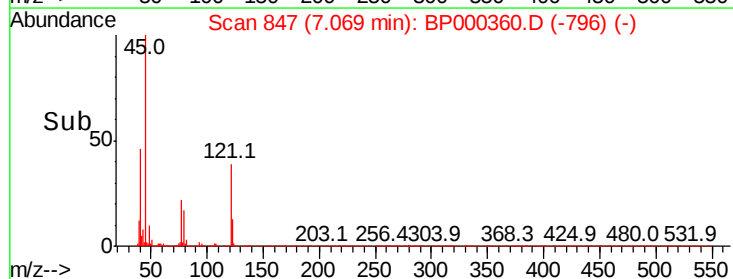
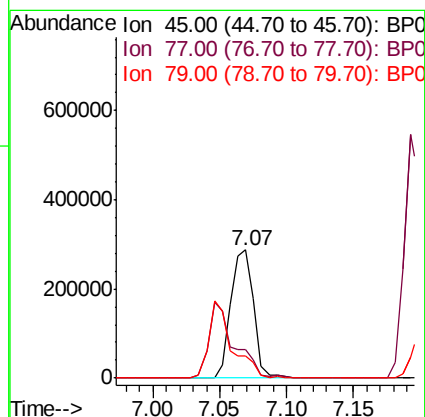
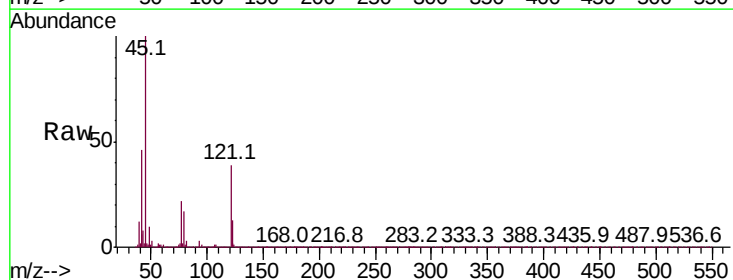
Tgt Ion: 45 Resp: 346438

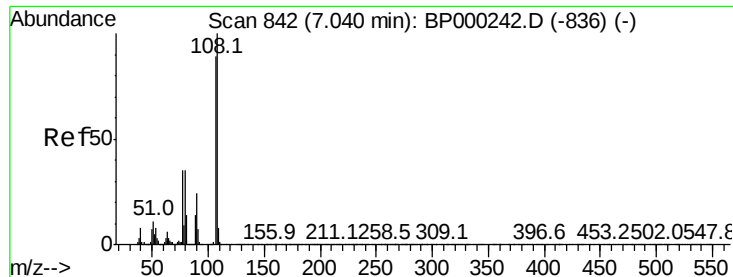
Ion Ratio Lower Upper

45 100

77 22.4 0.7 40.7

79 17.4 0.0 36.4





#17

2-Methylphenol

Concen: 40.183 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 374025

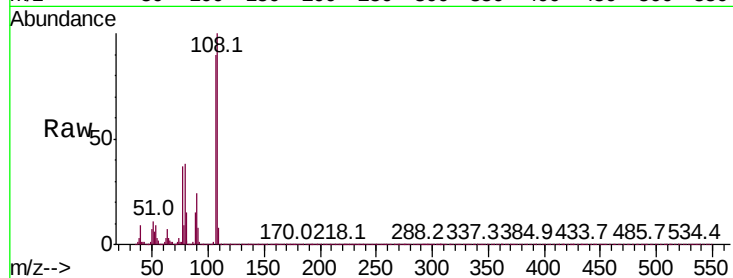
Ion Ratio Lower Upper

107 100

108 111.0 90.1 135.1

77 41.4 31.5 47.3

79 42.2 32.2 48.2

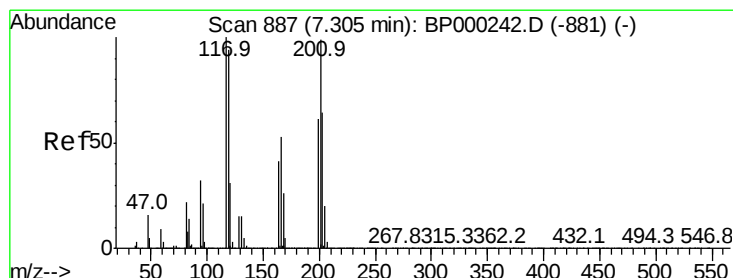
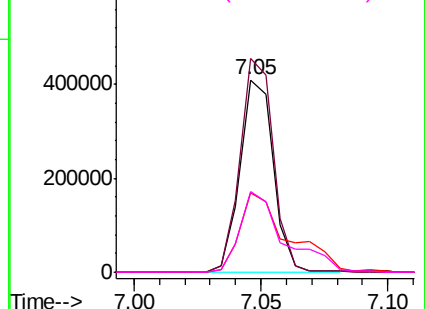
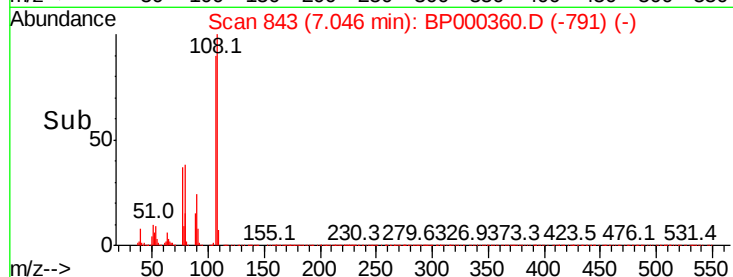


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 33.506 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

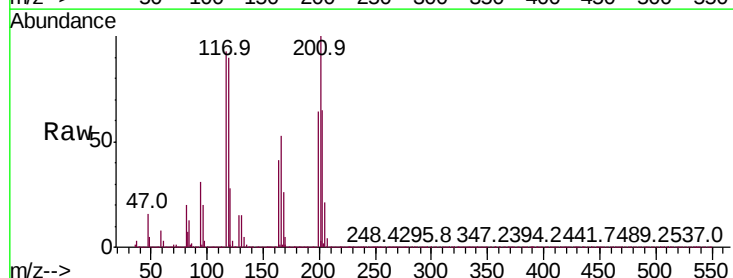
Tgt Ion:117 Resp: 160888

Ion Ratio Lower Upper

117 100

119 96.5 75.6 113.4

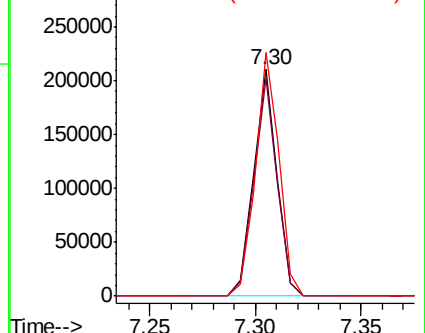
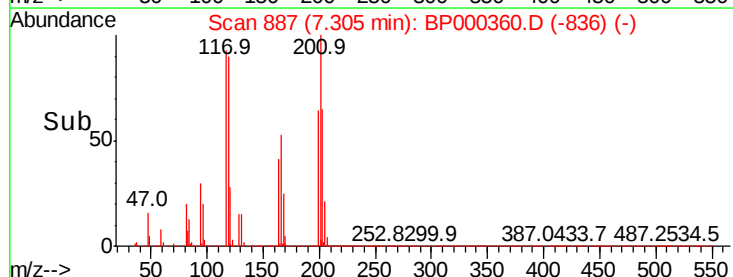
201 107.5 79.4 119.2

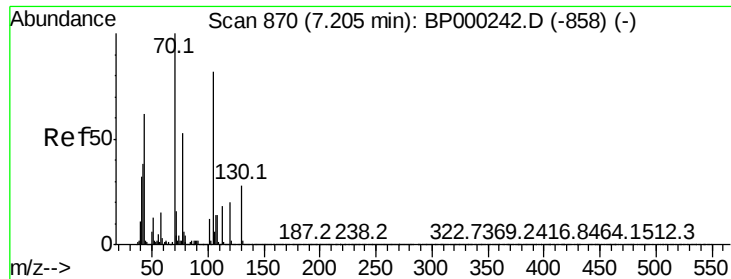


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

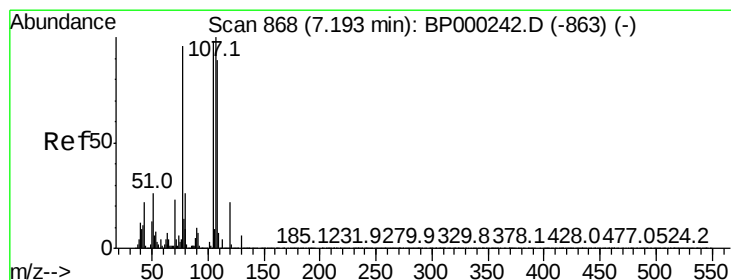
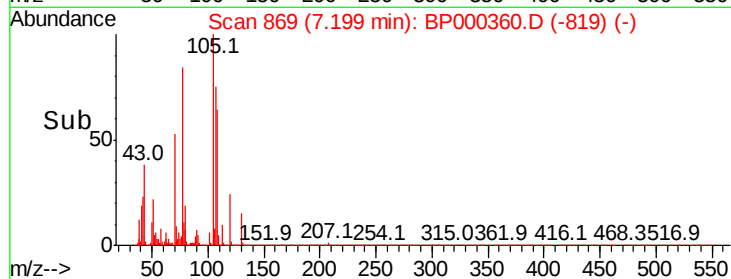
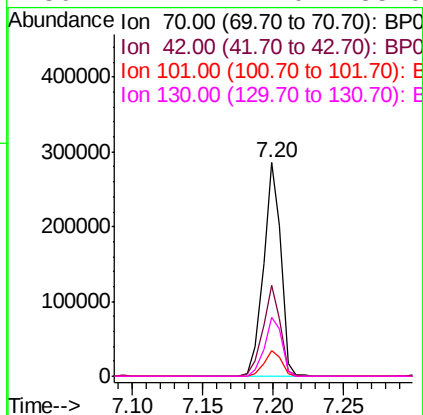
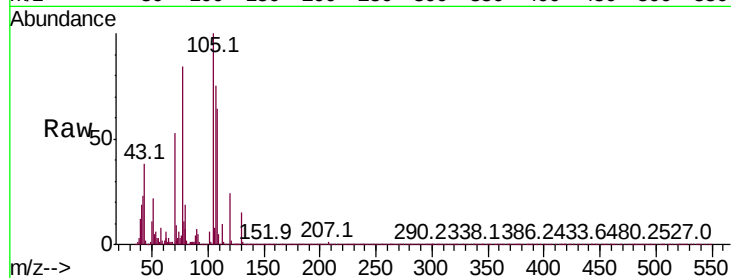




#19
n-Nitroso-di-n-propylamine
Concen: 38.022 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

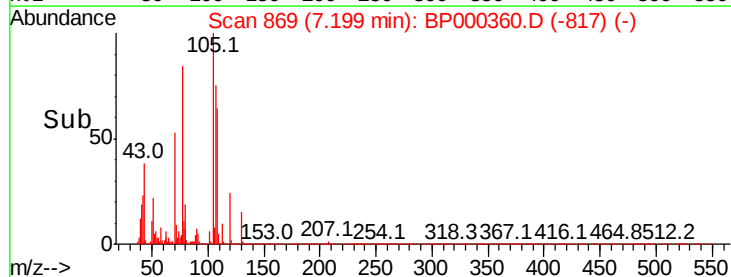
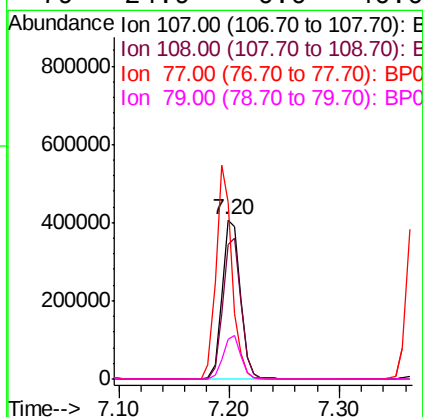
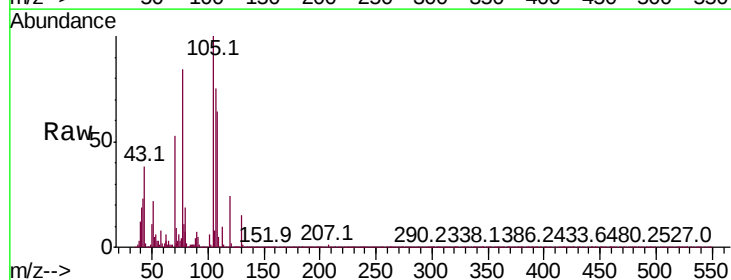
Instrument :
BNA_P
ClientSampleId :

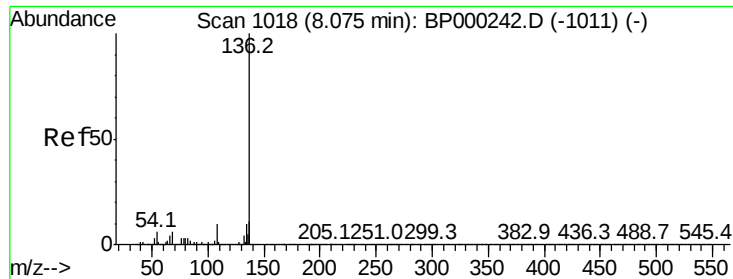
Tot Ion:	70	Resp:	248694
Ion	Ratio	Lower	Upper
70	100		
42	42.6	30.7	46.1
101	12.0	9.6	14.4
130	27.4	22.0	33.0



#20
3+4-Methylphenols
Concen: 41.497 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion:	107	Resp:	467078
Ion	Ratio	Lower	Upper
107	100		
108	84.9	68.8	108.8
77	111.1	75.7	115.7
79	24.9	6.0	46.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 650377

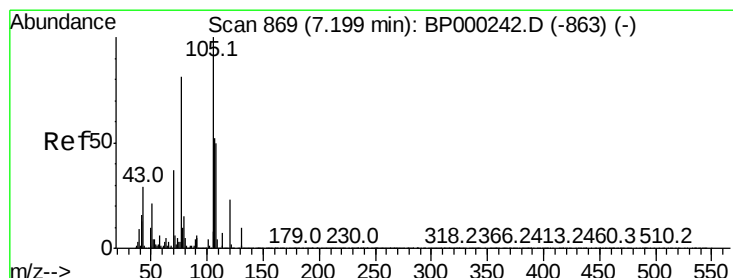
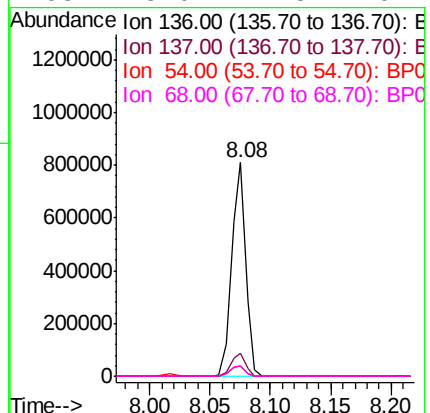
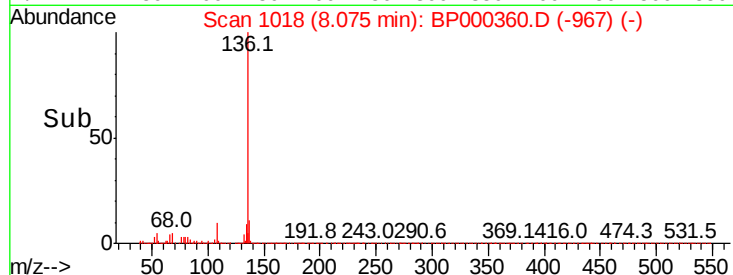
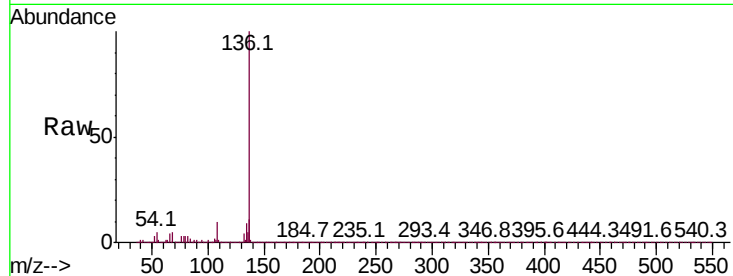
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.1 4.5 6.7

68 5.0 4.5 6.7



#22

Acetophenone

Concen: 43.292 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Tgt Ion:105 Resp: 610171

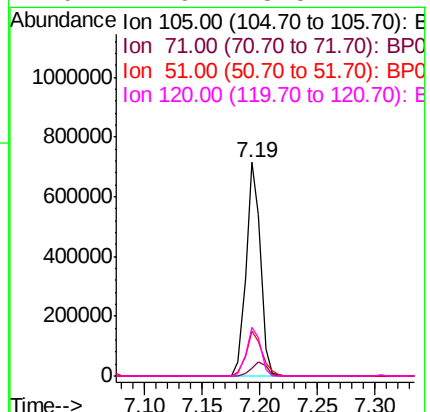
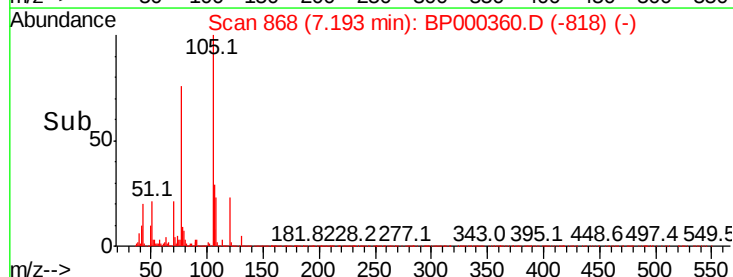
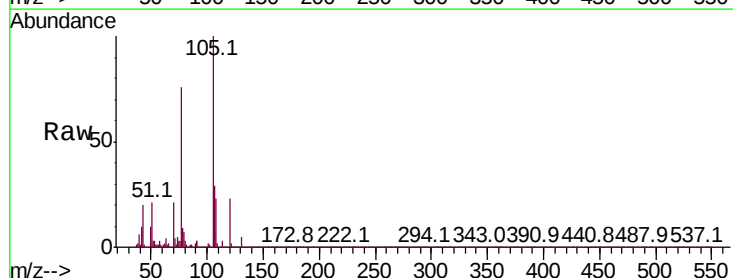
Ion Ratio Lower Upper

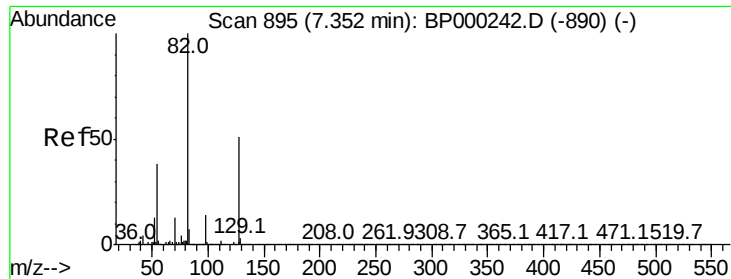
105 100

71 3.5 5.2 7.8#

51 20.9 16.6 24.8

120 22.6 18.5 27.7

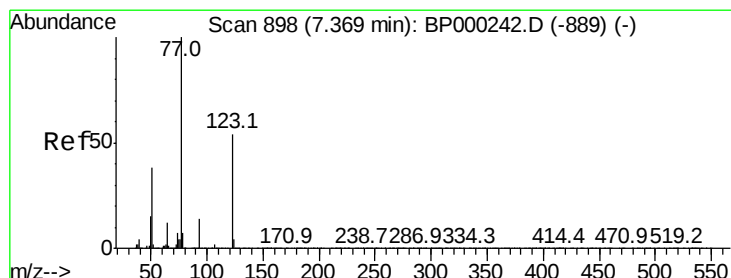
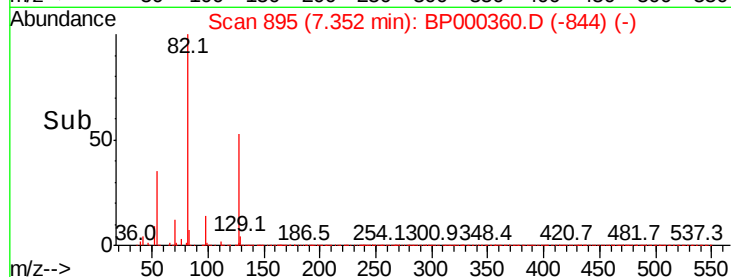
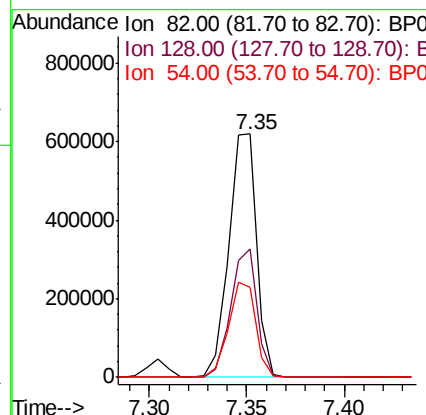
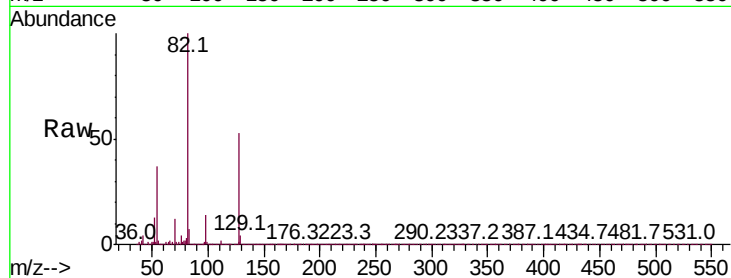




#23
 Nitrobenzene-d5
 Concen: 60.725 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BP000360.D
 Acq: 20 Sep 2019 17:37

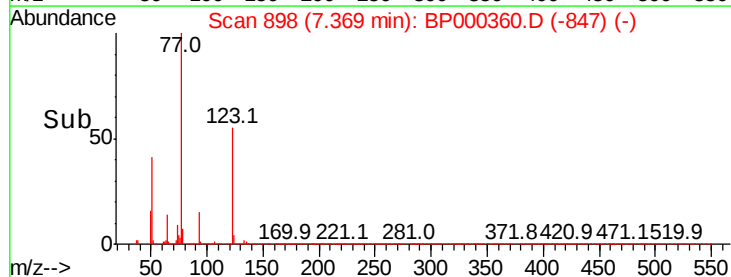
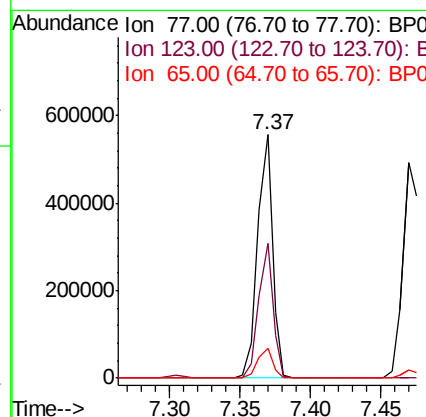
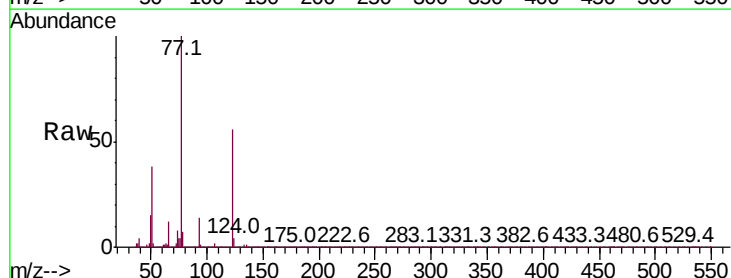
Instrument :
 BNA_P
 ClientSampleId :

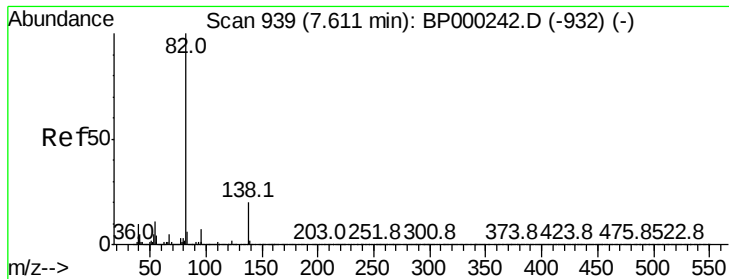
Tot Ion	Ratio	Lower	Upper
82	100		
128	52.8	40.7	61.1
54	36.9	30.1	45.1



#24
 Nitrobenzene
 Concen: 40.000 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BP000360.D
 Acq: 20 Sep 2019 17:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.5	43.1	64.7
65	12.2	9.4	14.2





#25

Isophorone

Concen: 39.050 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

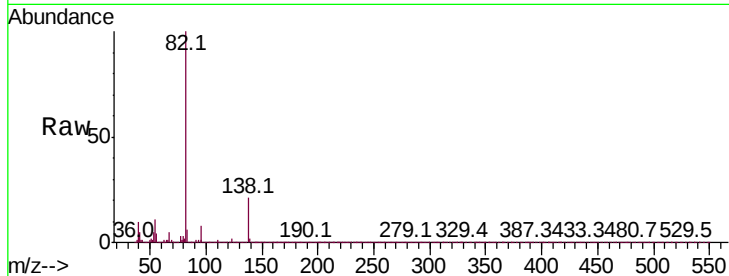
Tot Ion: 82 Resp: 779461

Ion Ratio Lower Upper

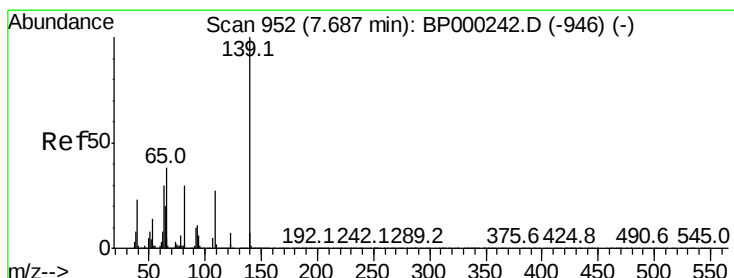
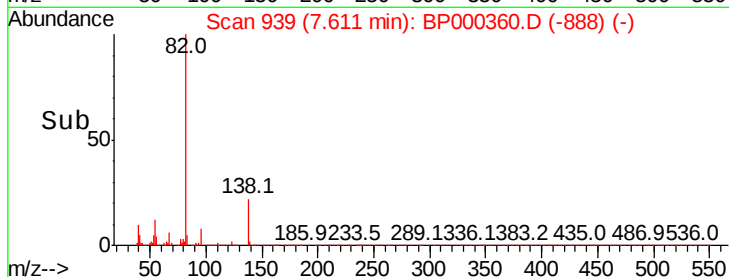
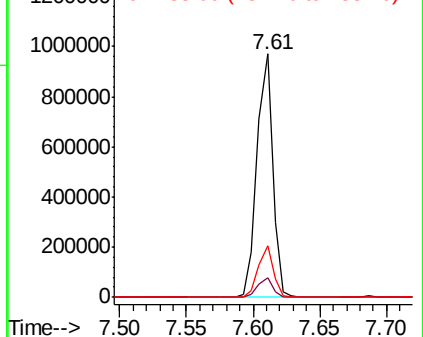
82 100

95 7.9 5.9 8.9

138 21.2 15.9 23.9



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



#26

2-Nitrophenol

Concen: 36.521 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

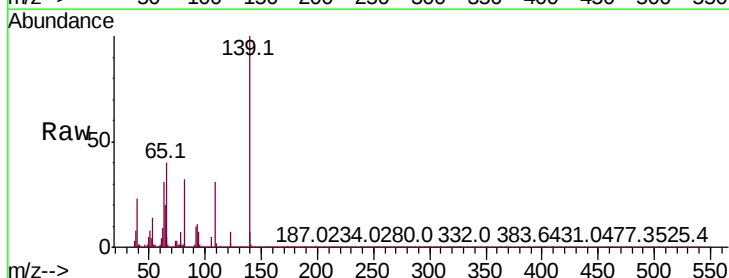
Tgt Ion: 139 Resp: 202717

Ion Ratio Lower Upper

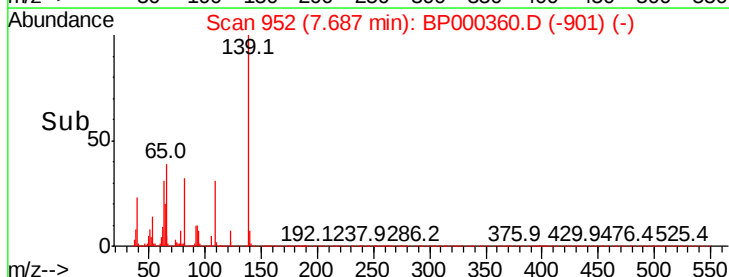
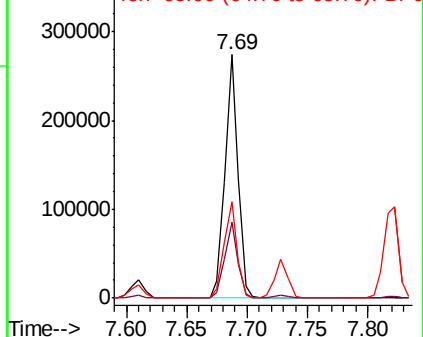
139 100

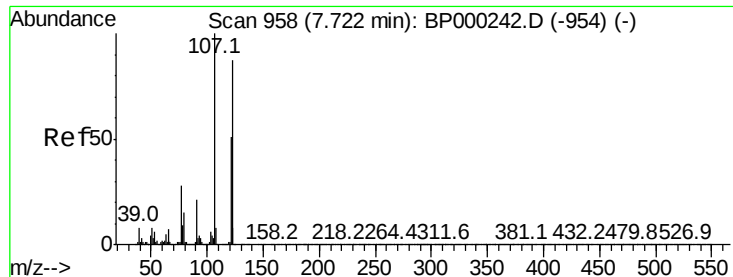
109 31.1 21.8 32.6

65 39.6 30.5 45.7



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): BP0

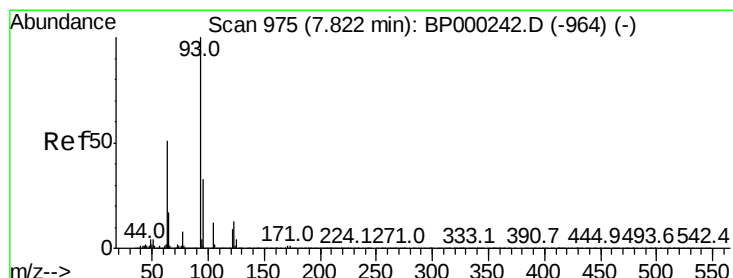
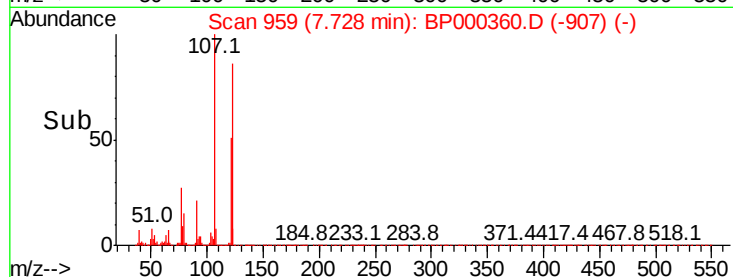
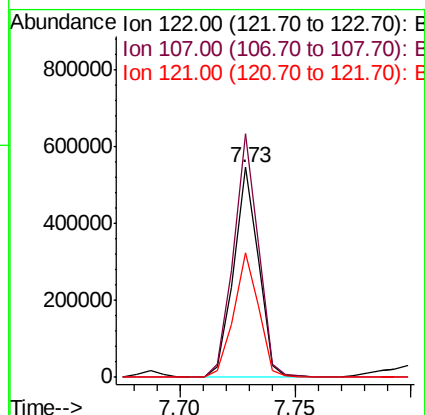
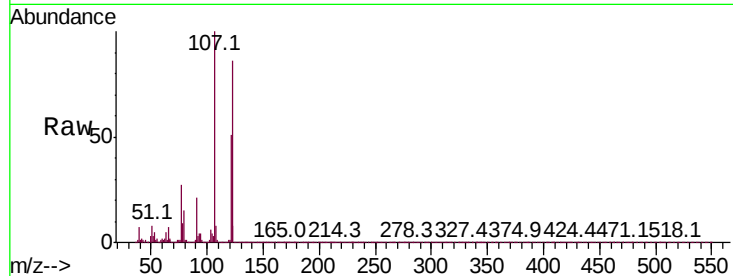




#27
2,4-Dimethylphenol
Concen: 46.359 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

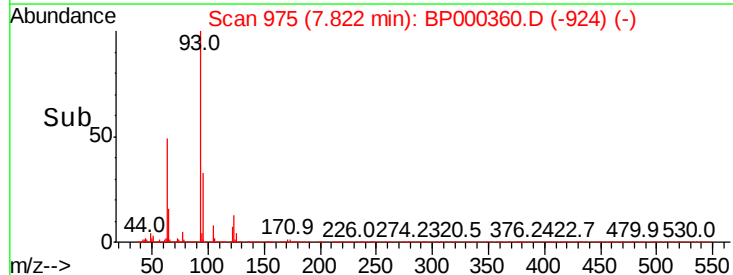
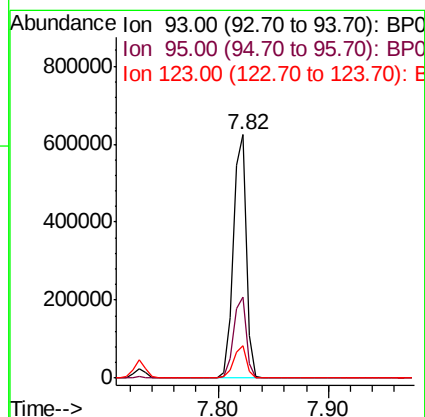
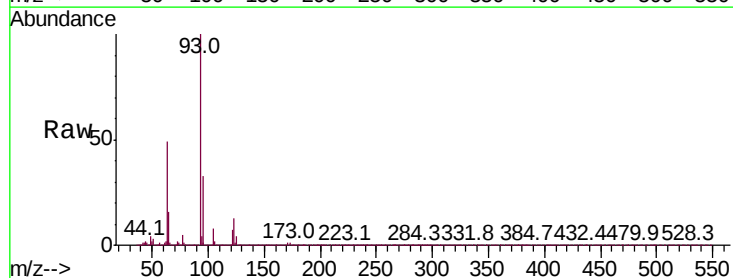
Instrument :
BNA_P
ClientSampleId :

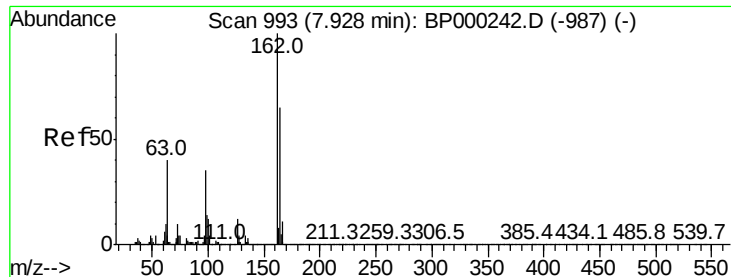
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	91.5	137.3
121	59.6	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.795 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.4
123	13.1	10.2	15.2

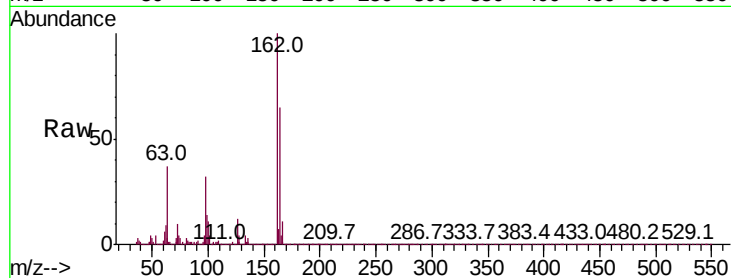




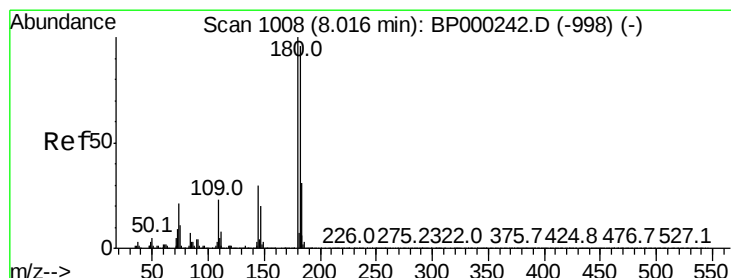
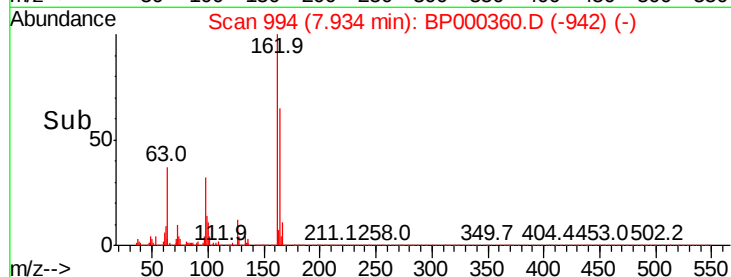
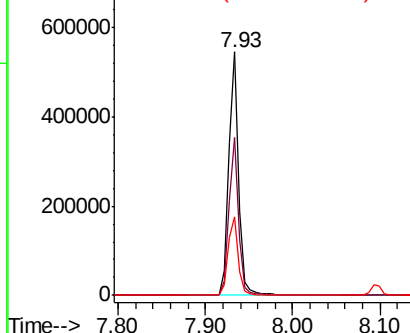
#29
2,4-Dichlorophenol
Concen: 44.641 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.5	84.5
98	32.4	15.2	55.2

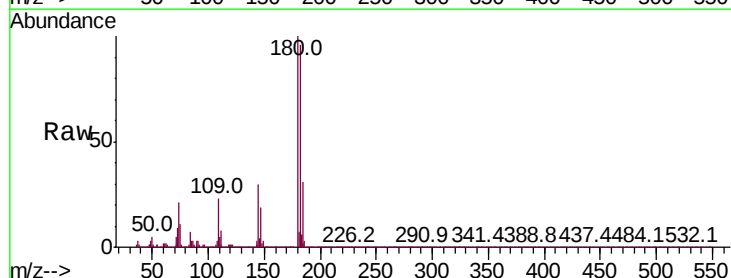


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BP0

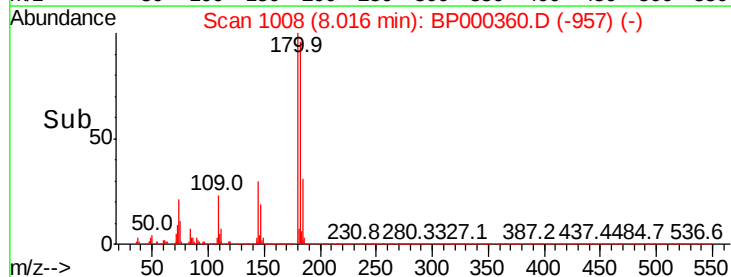
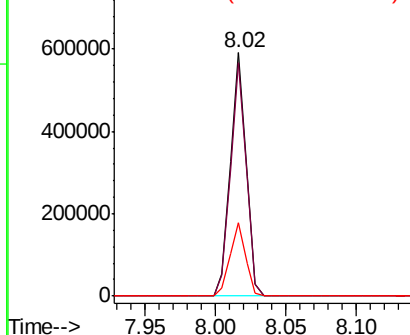


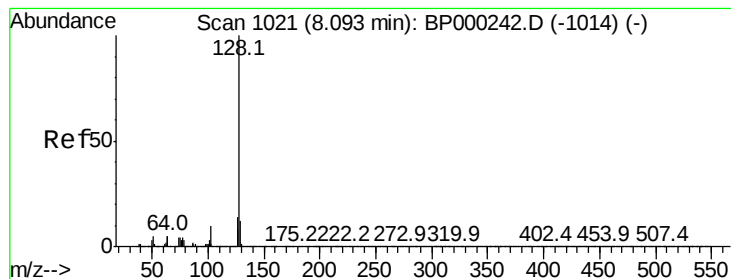
#30
1,2,4-Trichlorobenzene
Concen: 42.196 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.2	115.8
145	30.4	24.3	36.5



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.426 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

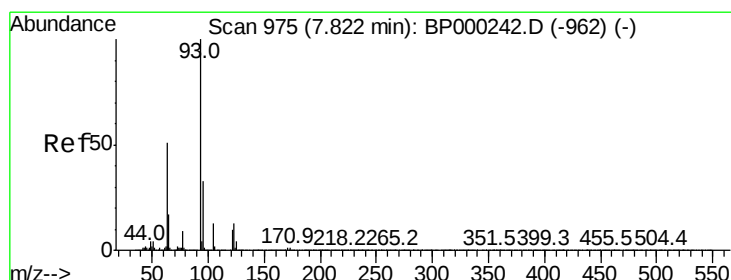
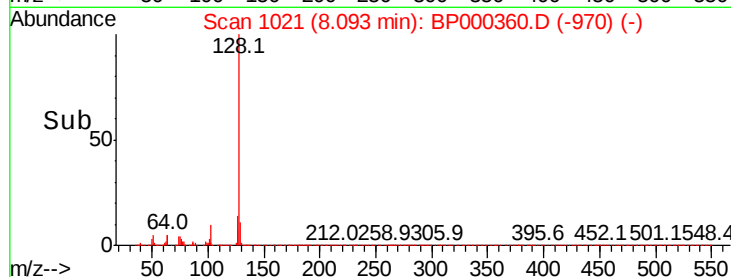
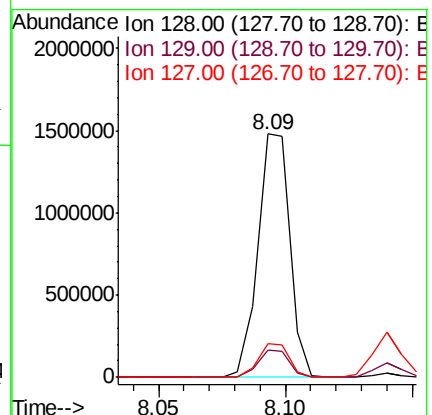
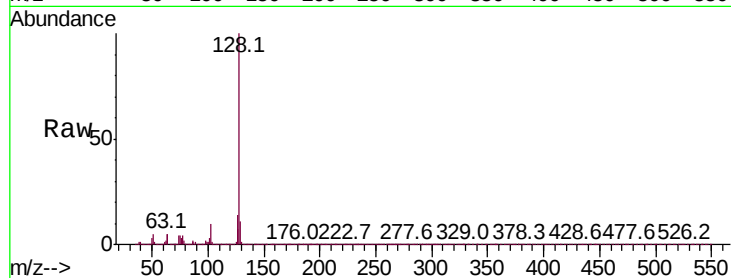
Tot Ion:128 Resp: 1308047

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

127 13.8 11.0 16.6



#32

Benzoic acid

Concen: 17.579 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

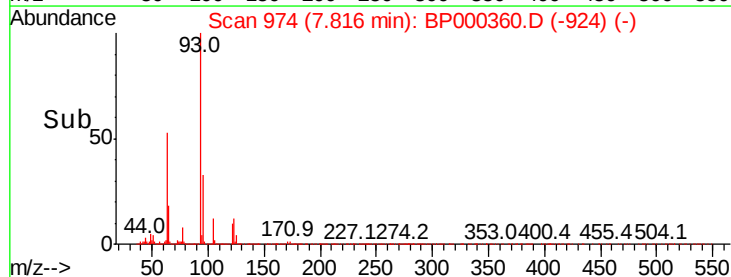
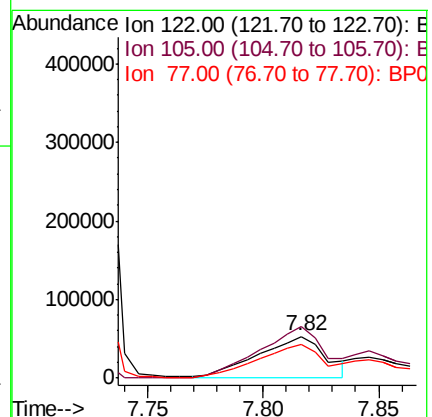
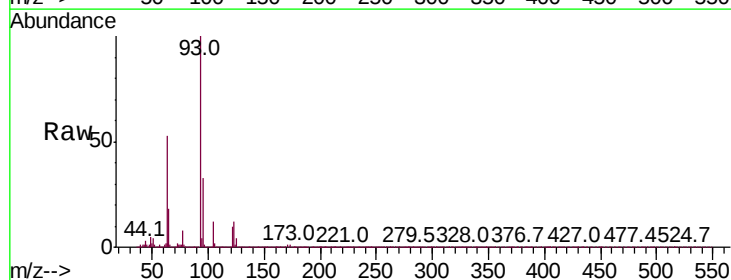
Tgt Ion:122 Resp: 104941

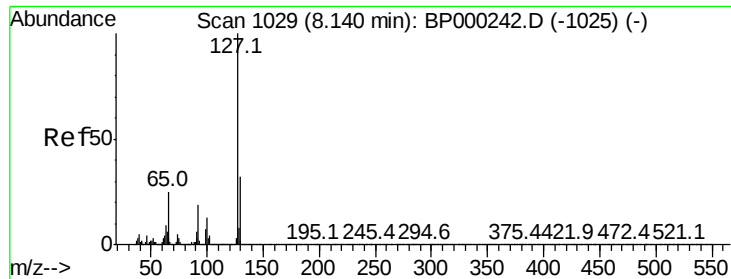
Ion Ratio Lower Upper

122 100

105 125.1 105.4 145.4

77 82.8 65.3 105.3

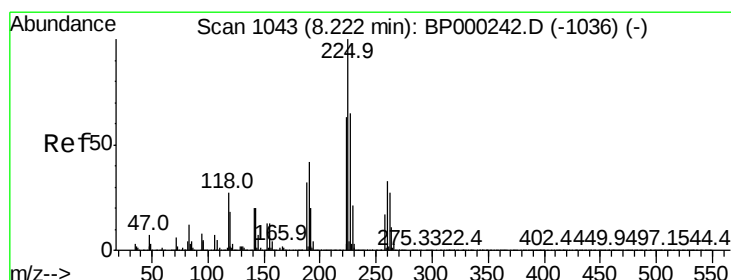
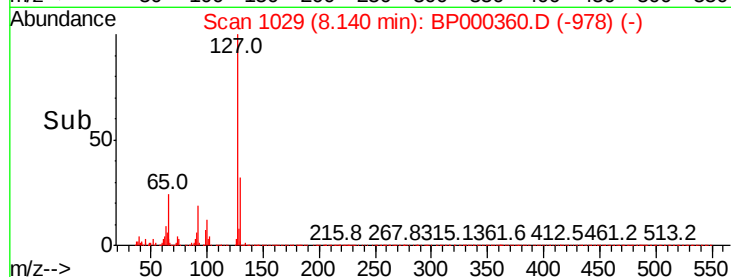
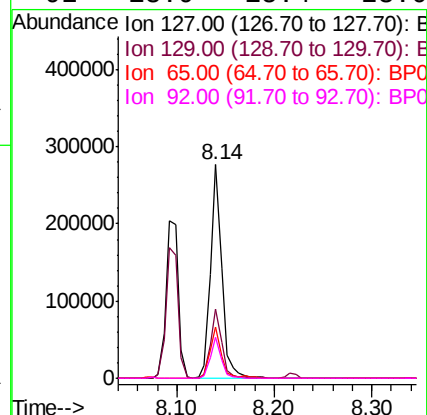
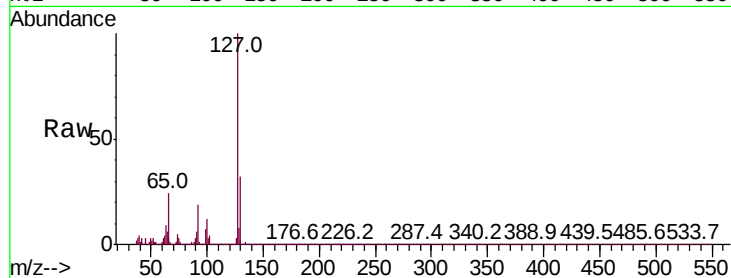




#33
4-Chloroaniline
Concen: 16.358 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

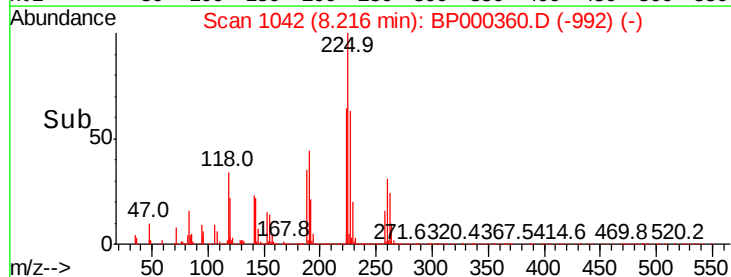
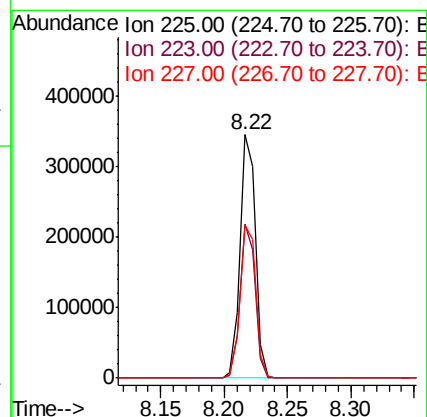
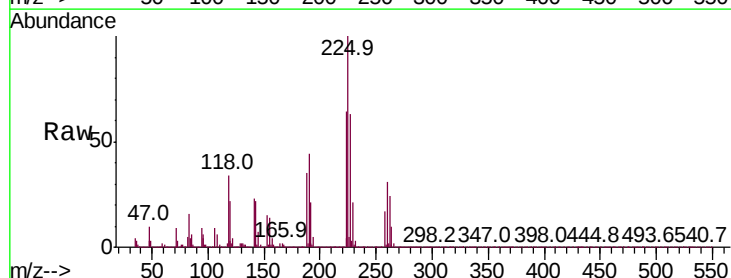
Instrument :
BNA_P
ClientSampleId :

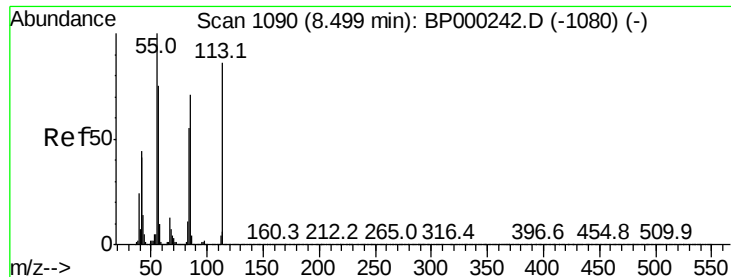
Tot Ion:127	Resp:	222984
Ion Ratio	Lower	Upper
127 100		
129 32.1	25.7	38.5
65 24.0	19.9	29.9
92 18.9	15.4	23.0



#34
Hexachlorobutadiene
Concen: 43.797 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion:225	Resp:	281862
Ion Ratio	Lower	Upper
225 100		
223 63.5	50.2	75.2
227 62.7	51.8	77.6





#35

Caprolactam

Concen: 43.655 ng

RT: 8.50 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampled :

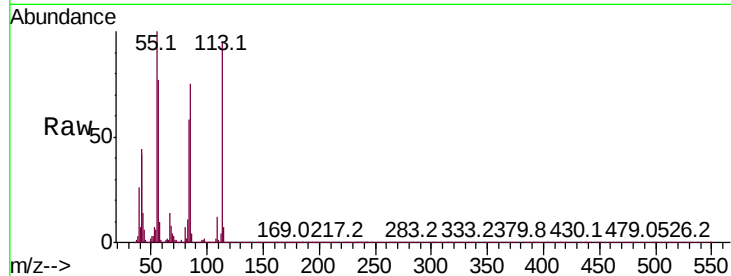
Tot Ion:113 Resp: 140725

Ion Ratio Lower Upper

113 100

55 104.9 96.8 136.8

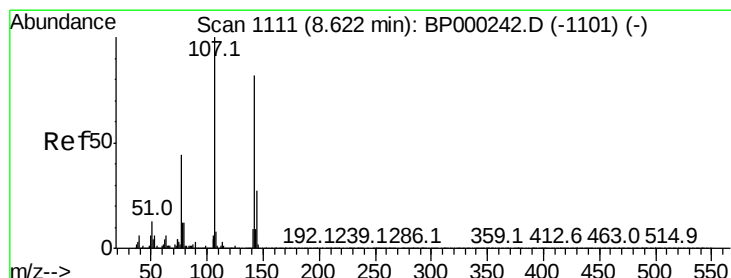
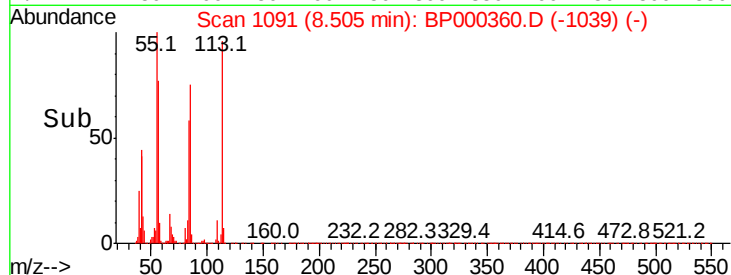
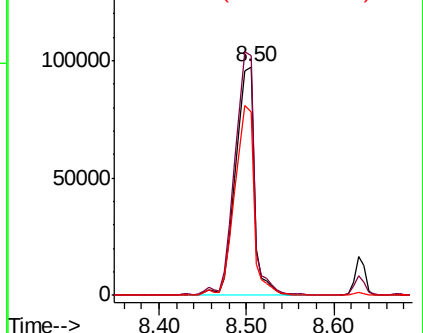
56 80.4 67.5 107.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BP0

Ion 56.00 (55.70 to 56.70): BP0



#36

4-Chloro-3-methylphenol

Concen: 44.534 ng

RT: 8.63 min Scan# 1112

Delta R.T. 0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

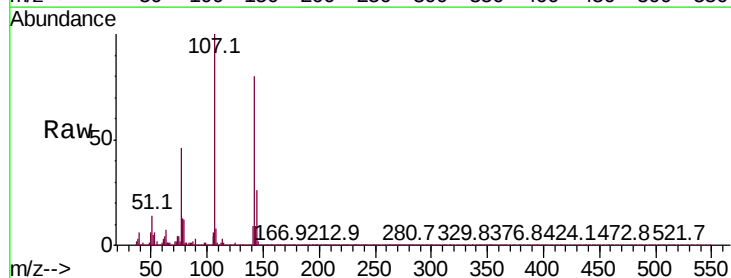
Tgt Ion:107 Resp: 428403

Ion Ratio Lower Upper

107 100

144 25.8 21.5 32.3

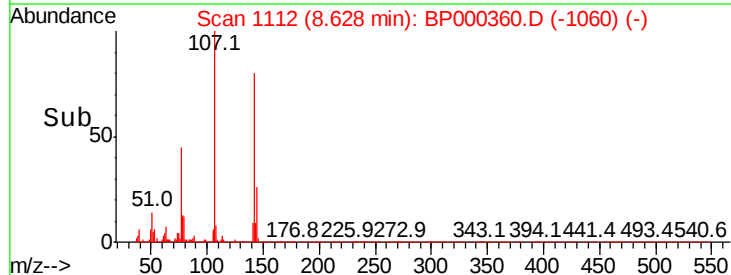
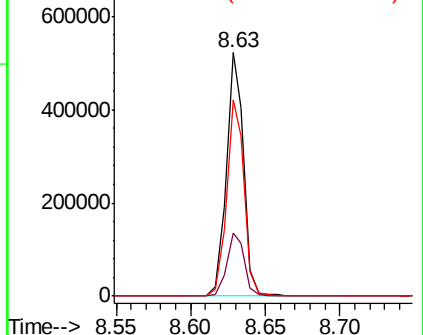
142 80.4 65.7 98.5

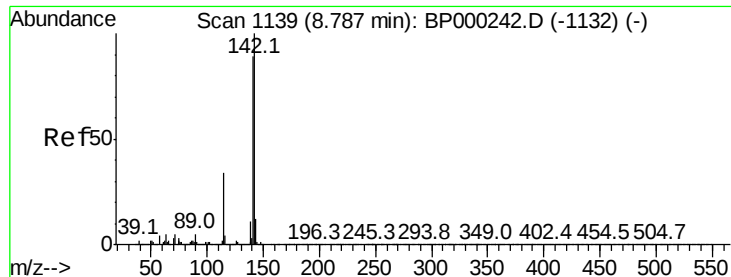


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.663 ng

RT: 8.79 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

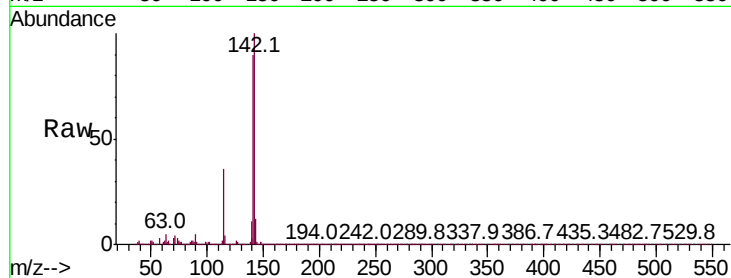
Tot Ion:142 Resp: 919659

Ion Ratio Lower Upper

142 100

141 89.8 71.3 106.9

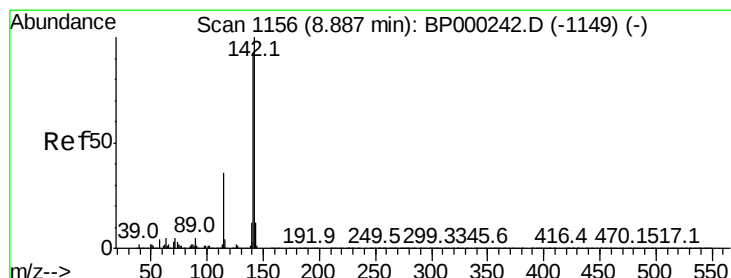
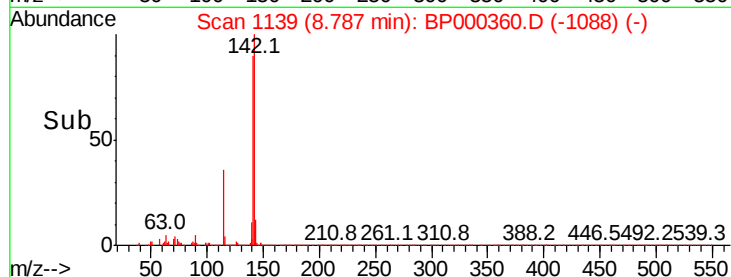
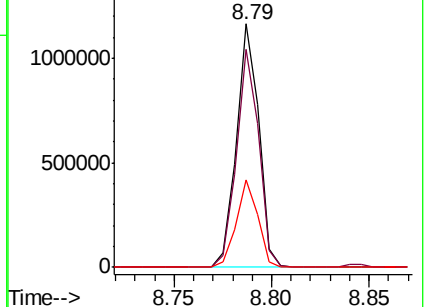
115 35.8 27.2 40.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.760 ng

RT: 8.89 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

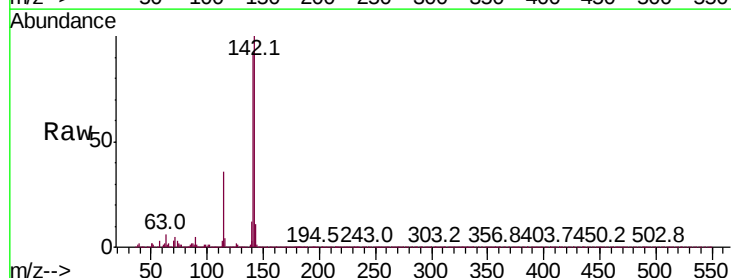
Tgt Ion:142 Resp: 863360

Ion Ratio Lower Upper

142 100

141 92.1 73.9 110.9

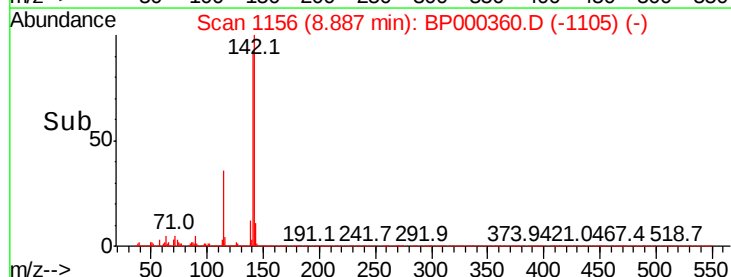
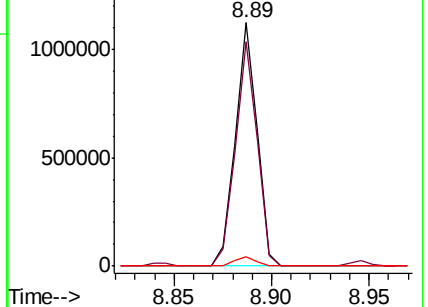
116 3.8 3.0 4.6

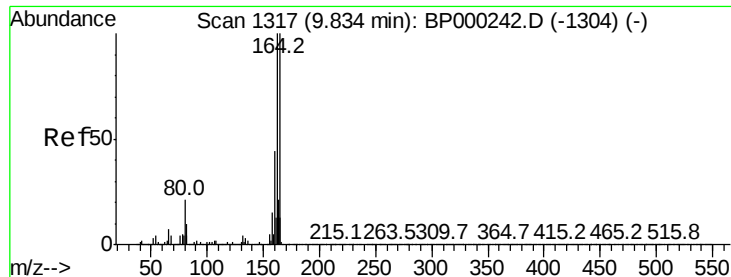


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

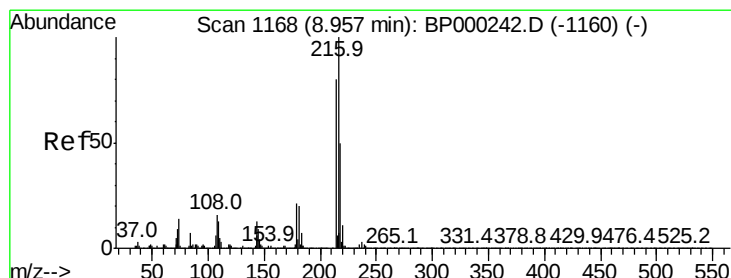
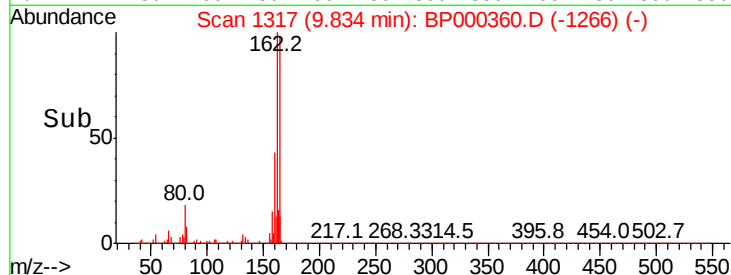
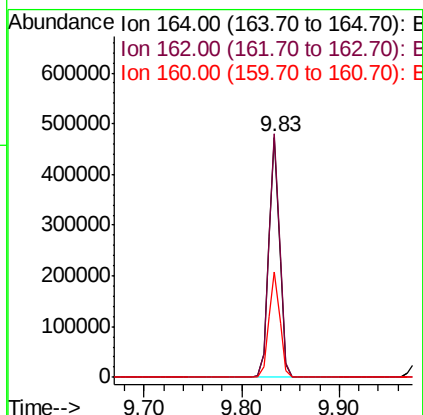
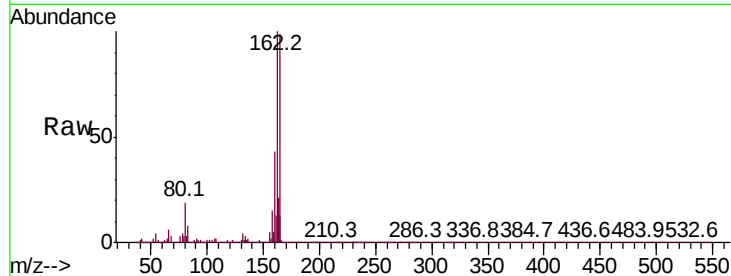
Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:164 Resp: 373978

Ion	Ratio	Lower	Upper
164	100		
162	101.3	79.9	119.9
160	44.0	35.6	53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.183 ng

RT: 8.96 min Scan# 1168

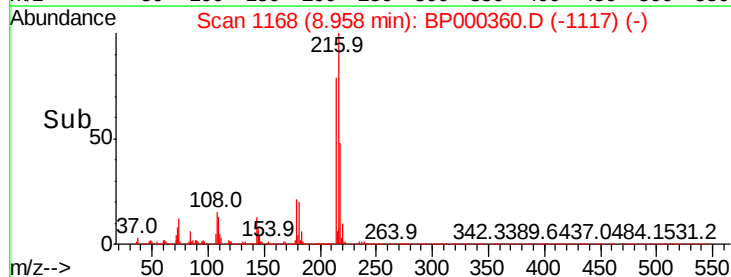
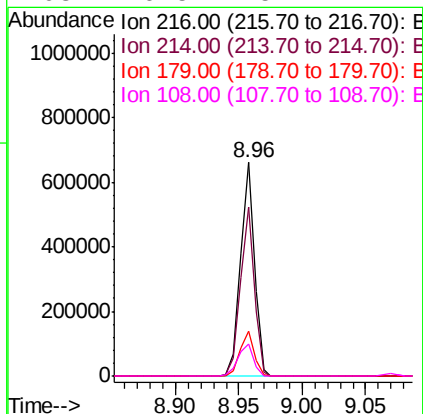
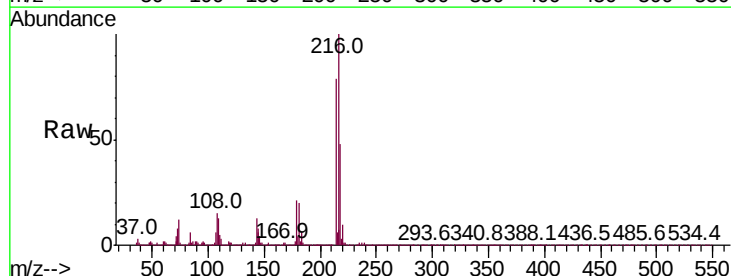
Delta R.T. 0.00 min

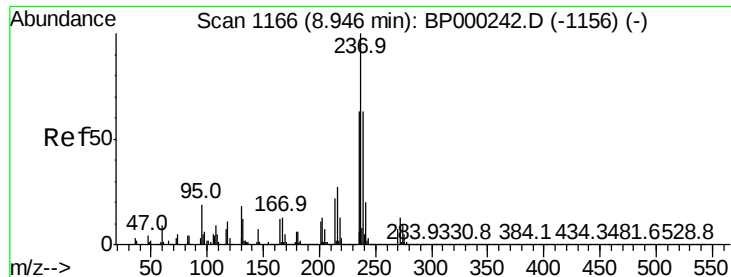
Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Tgt Ion:216 Resp: 493820

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.6	95.4
179	21.0	17.0	25.4
108	16.5	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 25.261 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

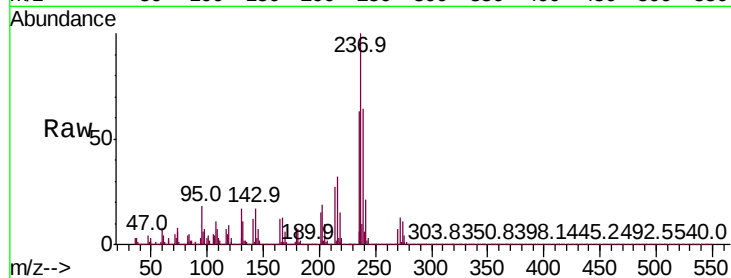
Tot Ion:237 Resp: 155104

Ion Ratio Lower Upper

237 100

235 62.6 43.5 83.5

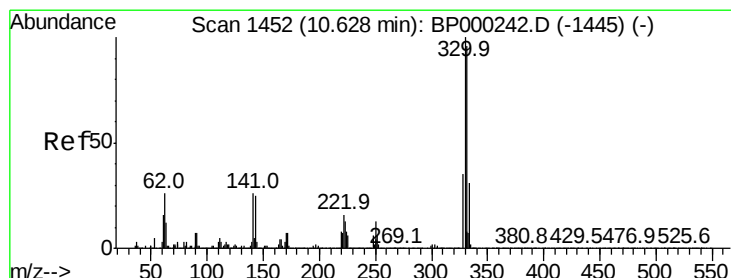
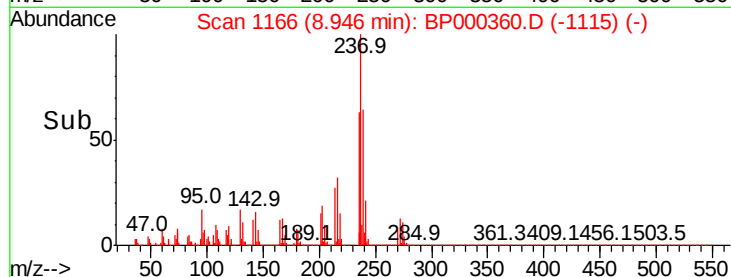
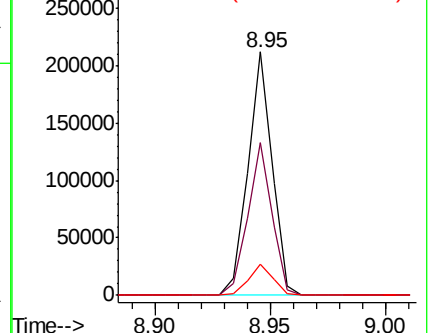
272 12.9 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 107.139 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

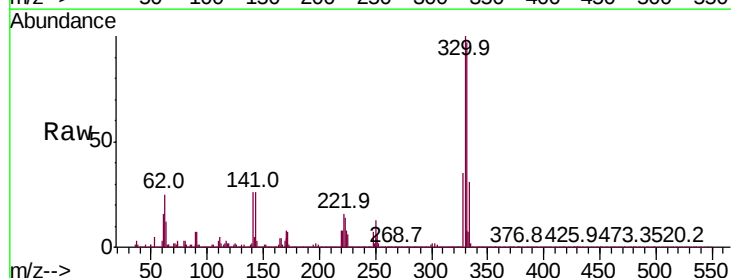
Tgt Ion:330 Resp: 397417

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

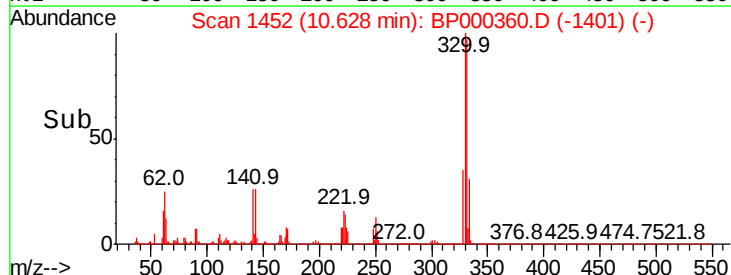
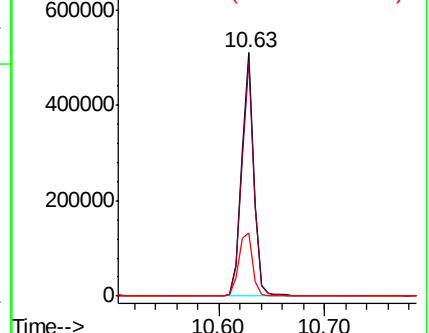
141 29.7 26.5 39.7

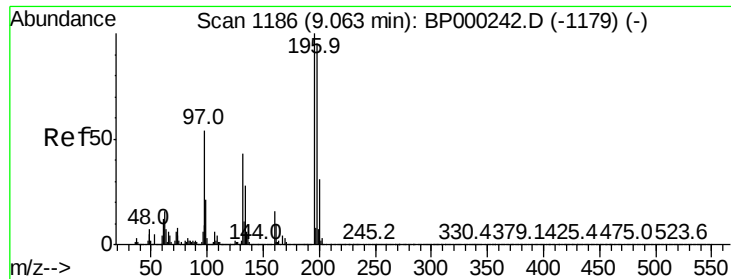


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

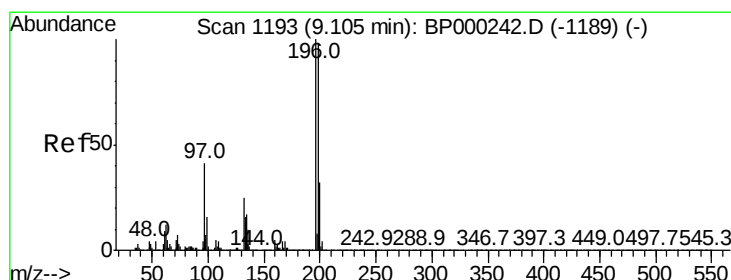
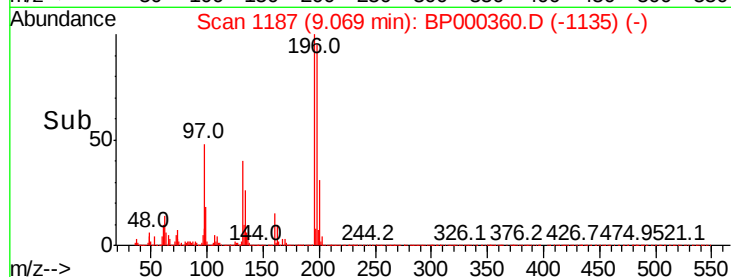
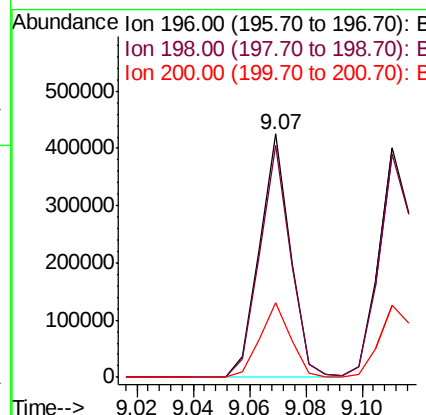
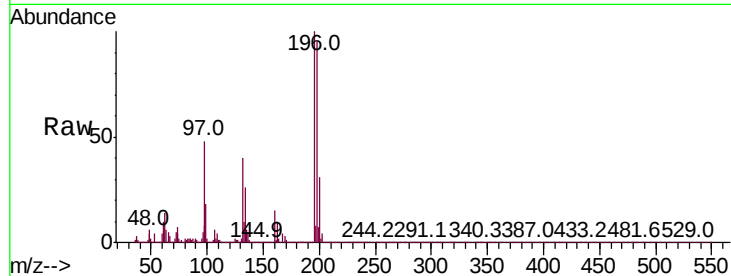




#43
 2,4,6-Trichlorophenol
 Concen: 43.561 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BP000360.D
 Acq: 20 Sep 2019 17:37

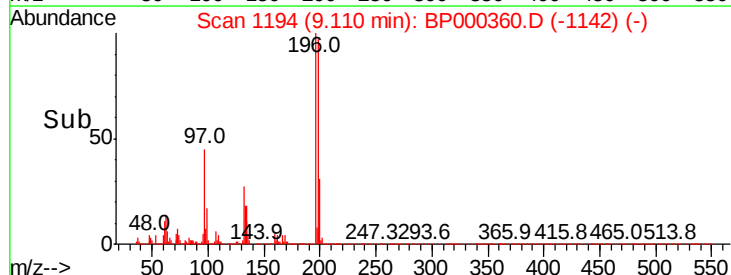
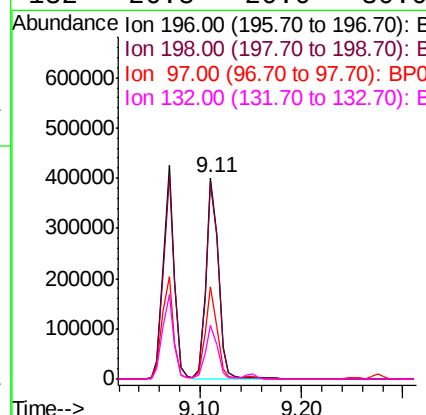
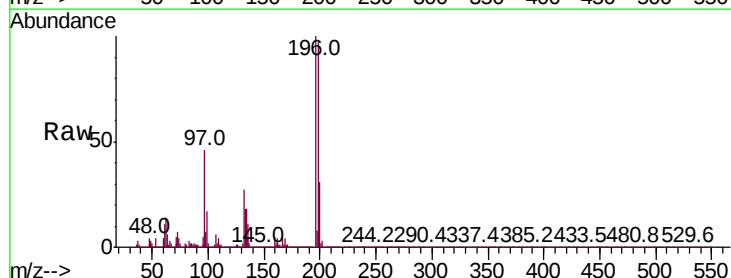
Instrument :
 BNA_P
 ClientSampled :

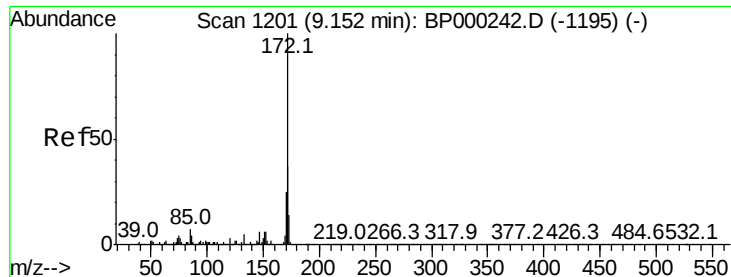
Tot Ion	196	Resp	322302
Ion Ratio	Lower	Upper	
196	100		
198	95.3	76.0	114.0
200	30.5	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.467 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BP000360.D
 Acq: 20 Sep 2019 17:37

Tgt Ion	196	Resp	344466
Ion Ratio	Lower	Upper	
196	100		
198	97.3	78.1	117.1
97	45.5	33.3	49.9
132	26.8	20.0	30.0

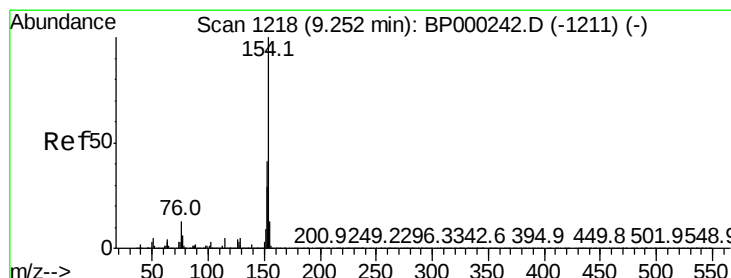
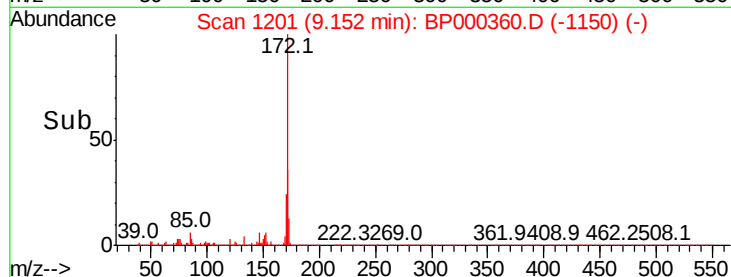
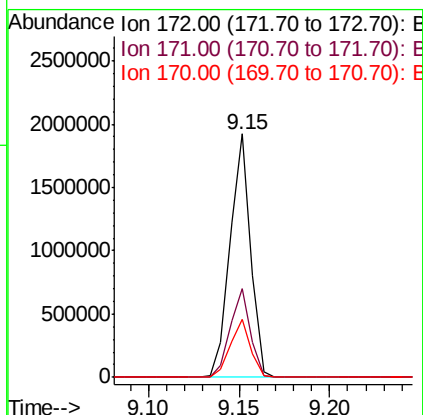
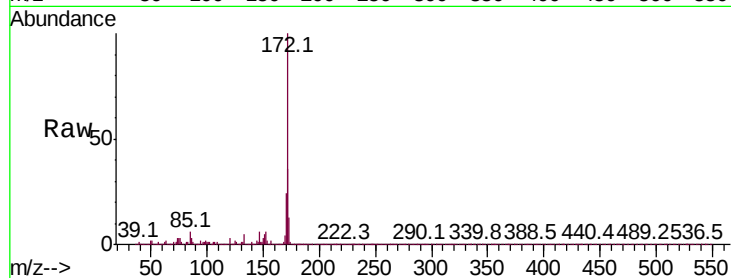




#45
2-Fluorobiphenyl
Concen: 72.856 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

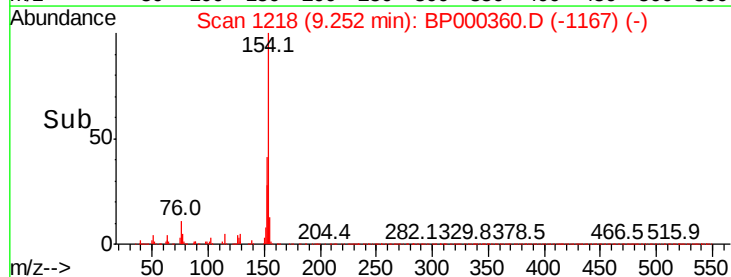
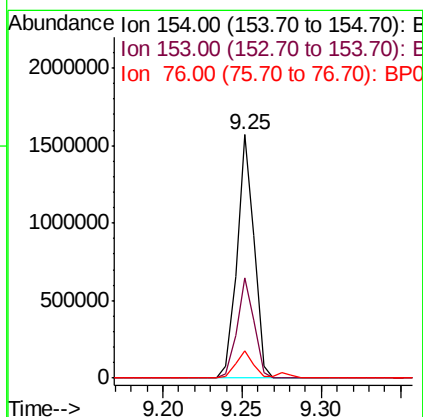
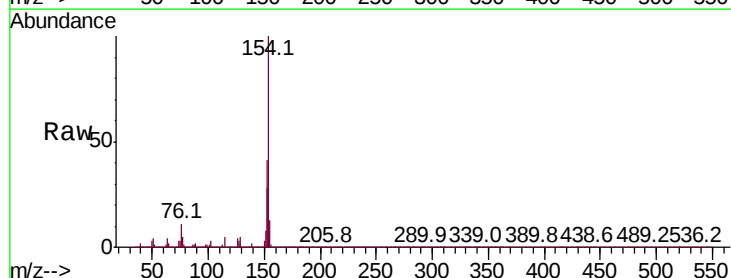
Instrument :
BNA_P
ClientSampleId :

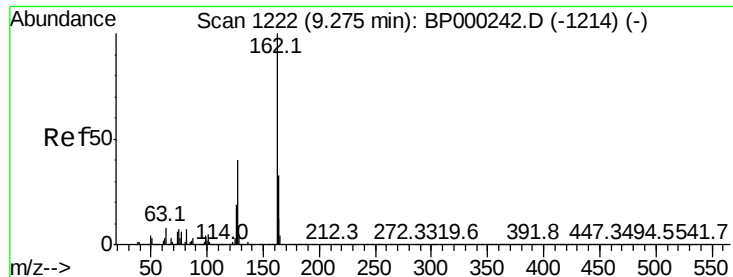
Tot Ion:172 Resp: 1513863
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 23.9 19.8 29.6



#46
1,1'-Biphenyl
Concen: 45.162 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion:154 Resp: 1168390
Ion Ratio Lower Upper
154 100
153 41.1 21.4 61.4
76 11.3 0.0 33.4





#47

2-Chloronaphthalene

Concen: 41.788 ng

RT: 9.28 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampled :

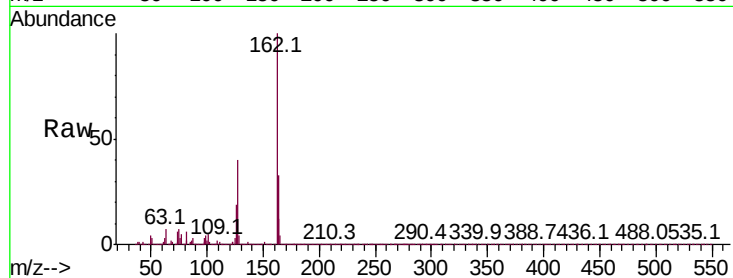
Tot Ion:162 Resp: 906896

Ion Ratio Lower Upper

162 100

127 40.1 32.4 48.6

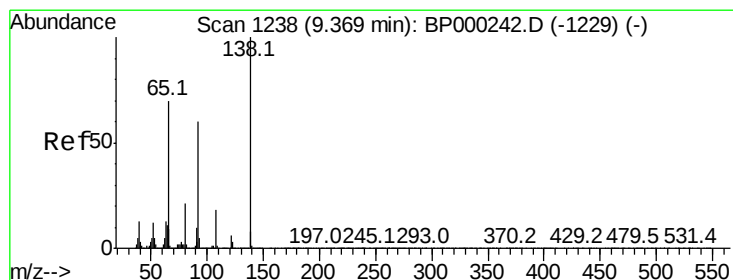
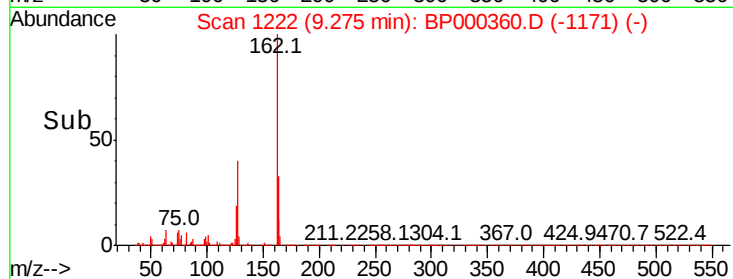
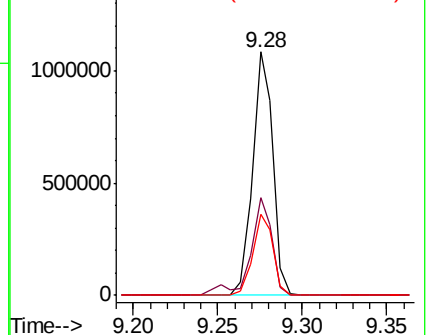
164 33.1 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.183 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

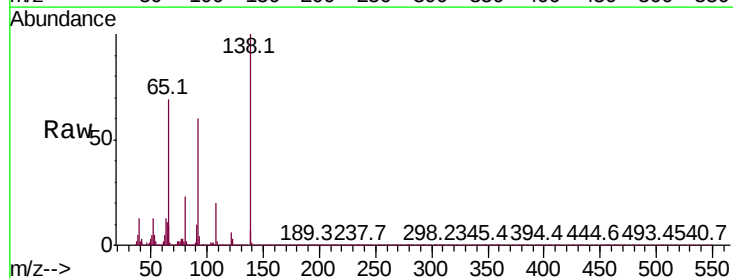
Tgt Ion: 65 Resp: 221457

Ion Ratio Lower Upper

65 100

92 86.5 68.7 103.1

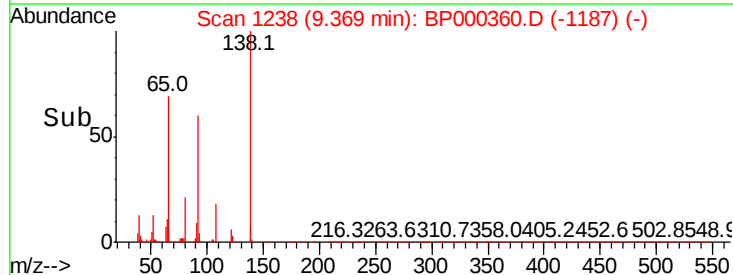
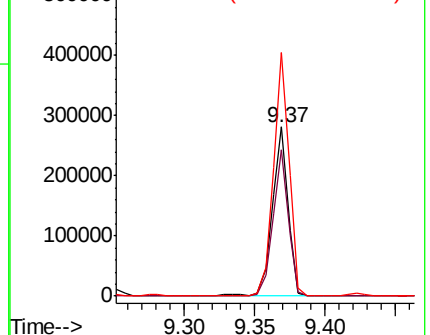
138 144.0 114.4 171.6

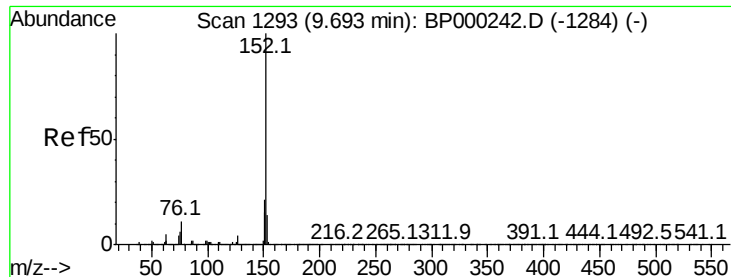


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.388 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

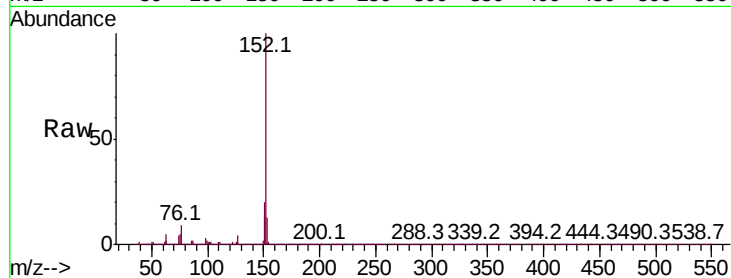
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1448035

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.5	11.0	16.4

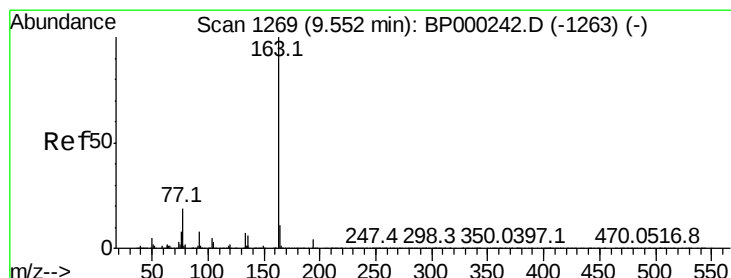
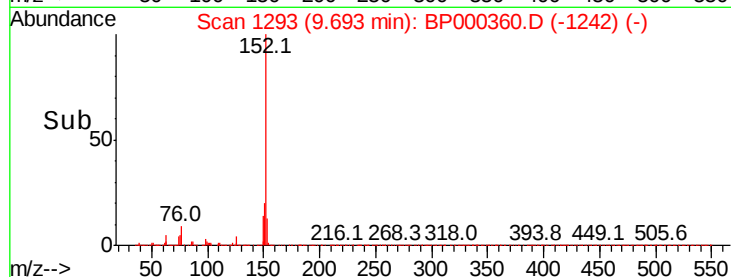
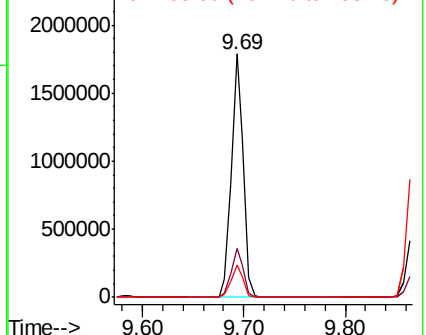


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.473 ng

RT: 9.55 min Scan# 1269

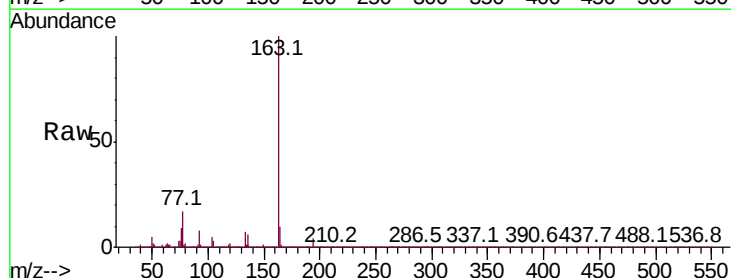
Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Tgt Ion:163 Resp: 1260555

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.5	12.7

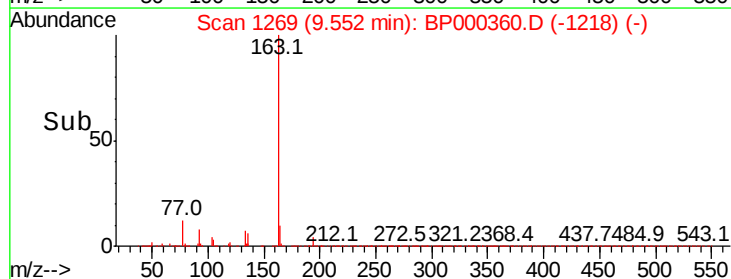
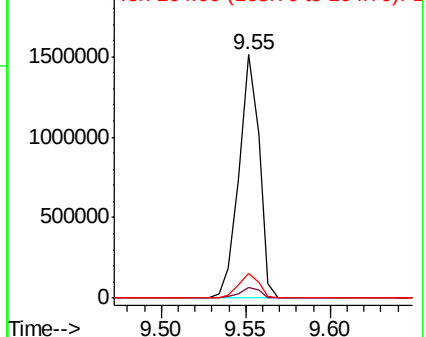


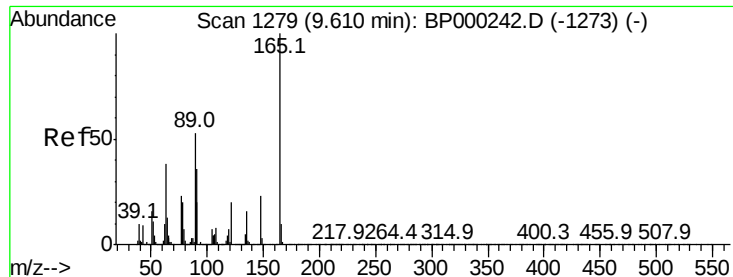
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

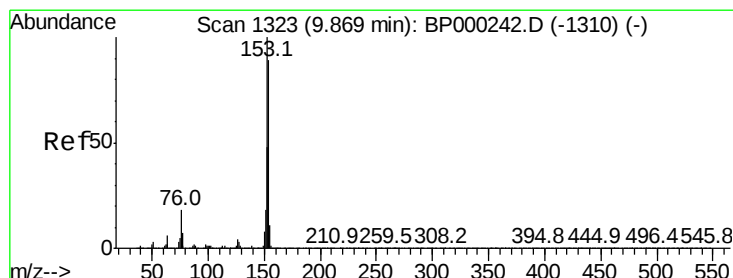
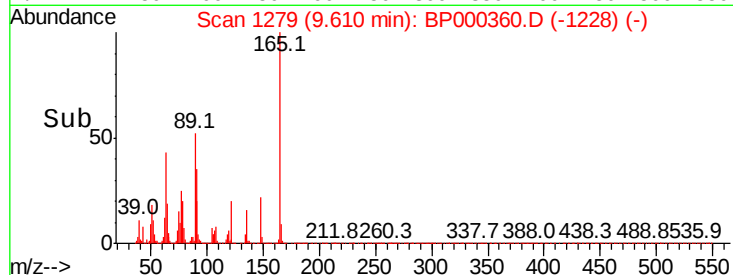
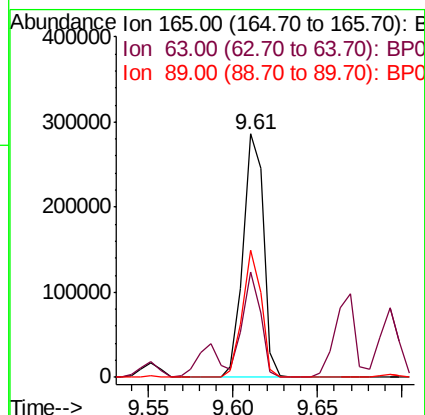
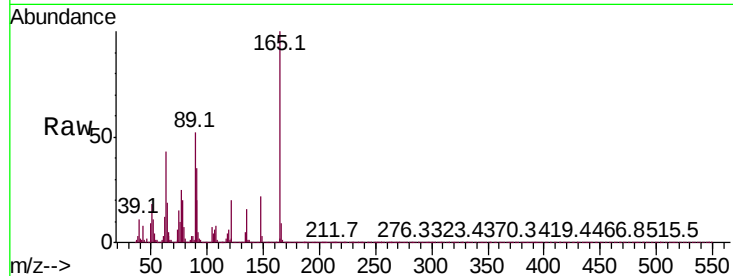




#51
2,6-Dinitrotoluene
Concen: 42.922 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

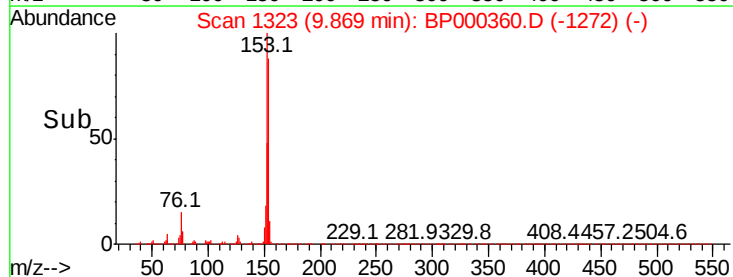
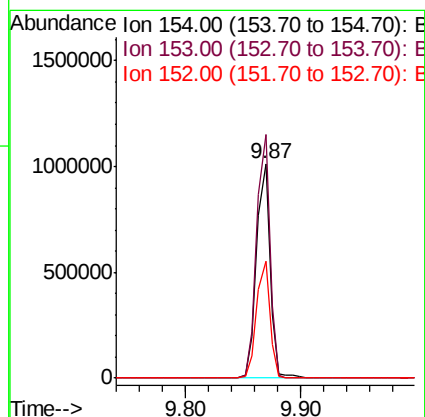
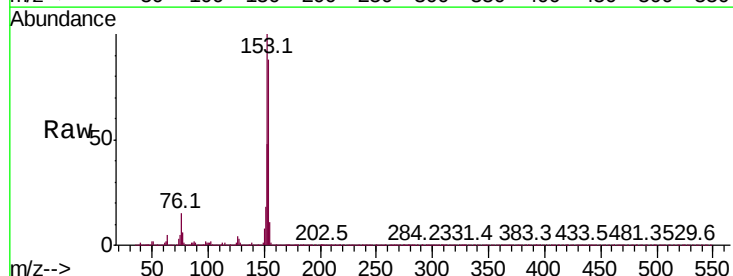
Instrument :
BNA_P
ClientSampleId :

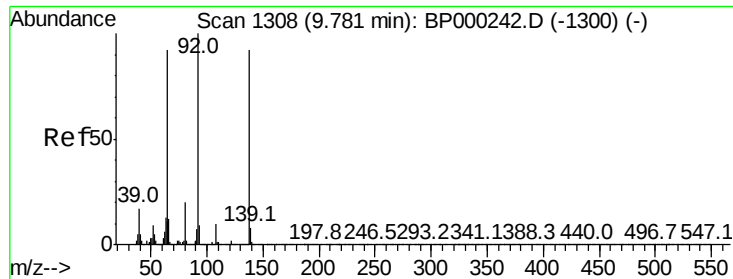
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.1	35.8	53.8
89	52.1	42.6	63.8



#52
Acenaphthene
Concen: 40.450 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.8	134.6
152	54.2	43.4	65.0

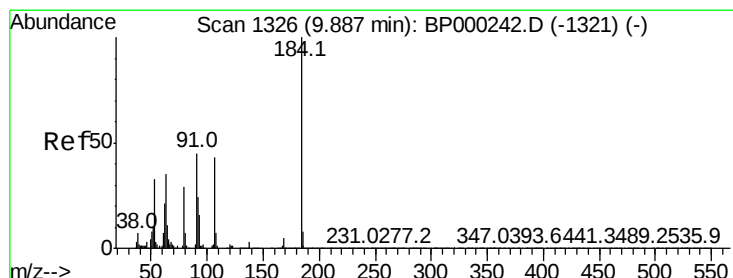
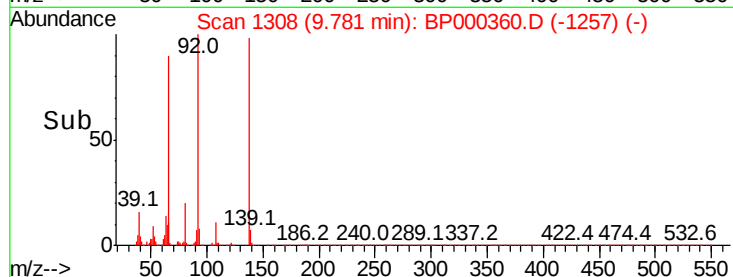
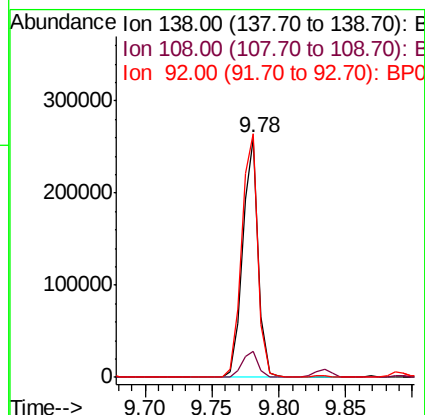
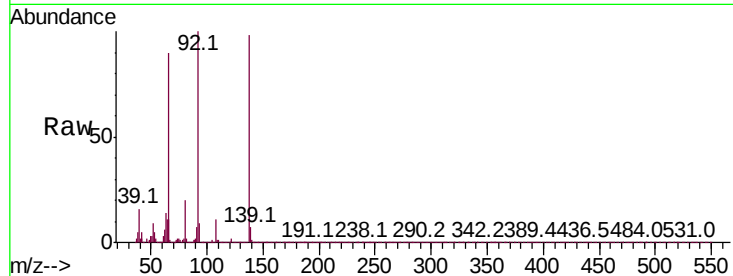




#53
3-Nitroaniline
Concen: 32.126 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

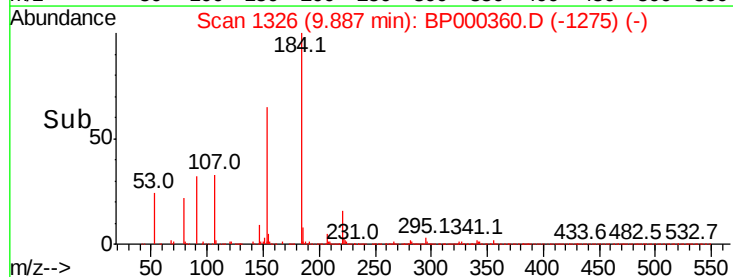
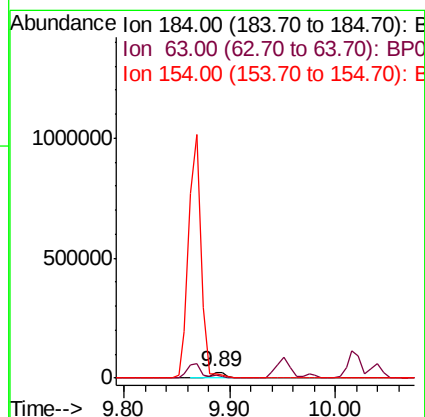
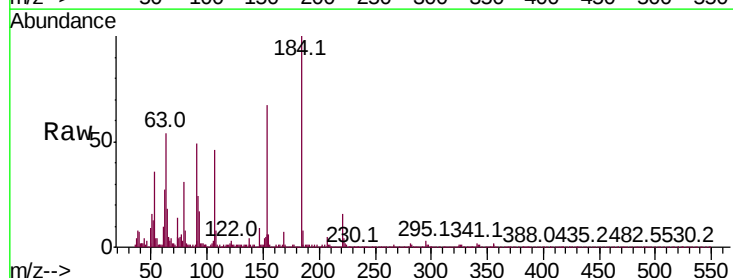
Instrument :
BNA_P
ClientSampleId :

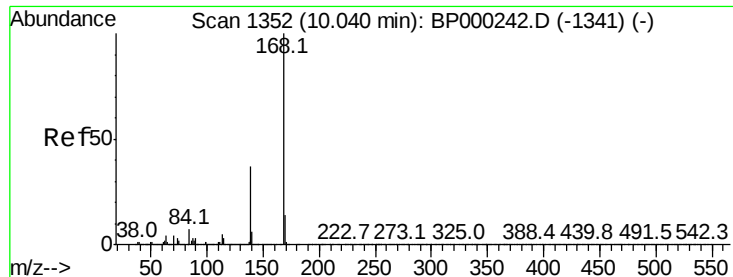
Tot Ion:138 Resp: 208913
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 101.9 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 10.930 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion:184 Resp: 27052
Ion Ratio Lower Upper
184 100
63 53.9 39.5 59.3
154 67.4 48.8 73.2





#55

Dibenzofuran

Concen: 45.885 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

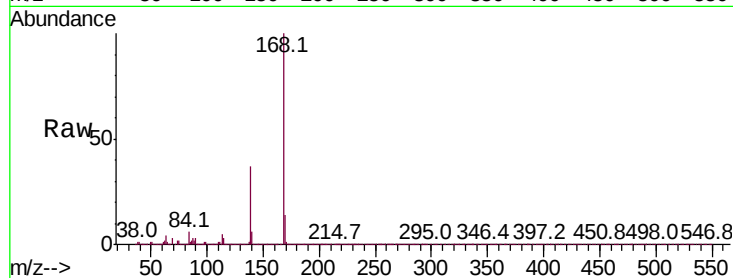
Tot Ion:168 Resp: 1335352

Ion Ratio Lower Upper

168 100

139 37.2 30.0 45.0

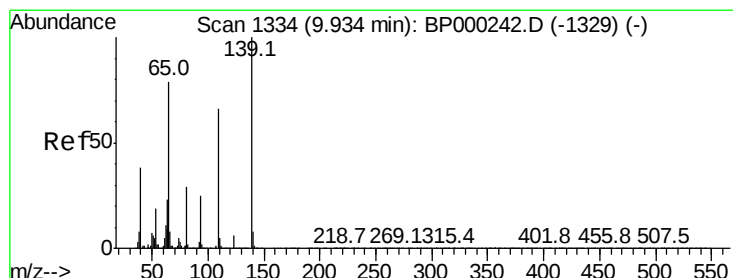
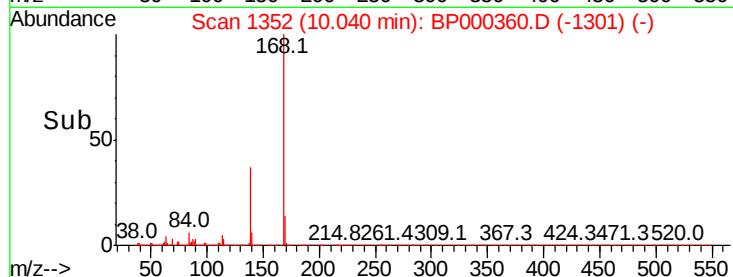
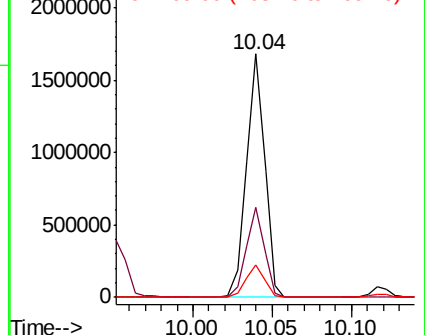
169 13.6 11.0 16.6



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



#56

4-Nitrophenol

Concen: 76.263 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.02 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

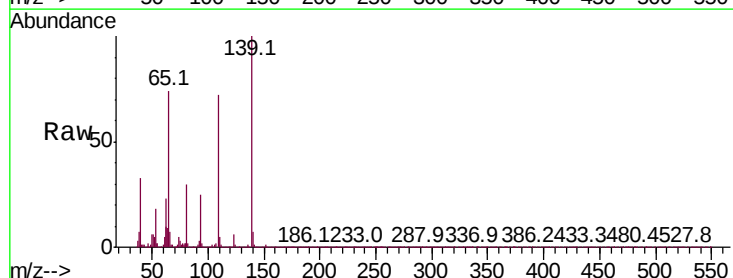
Tgt Ion:139 Resp: 368860

Ion Ratio Lower Upper

139 100

109 72.2 46.2 86.2

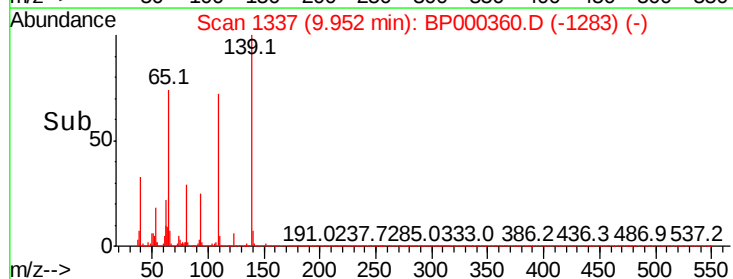
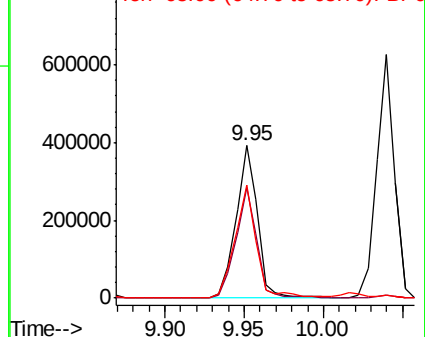
65 74.3 59.4 99.4

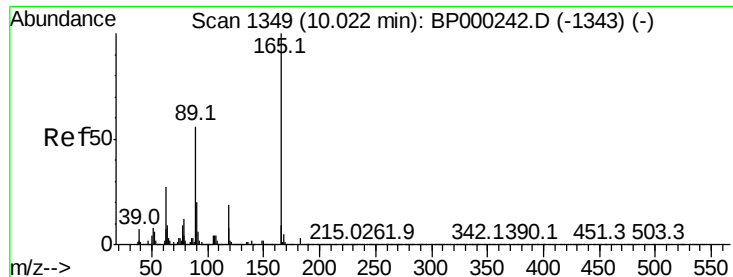


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

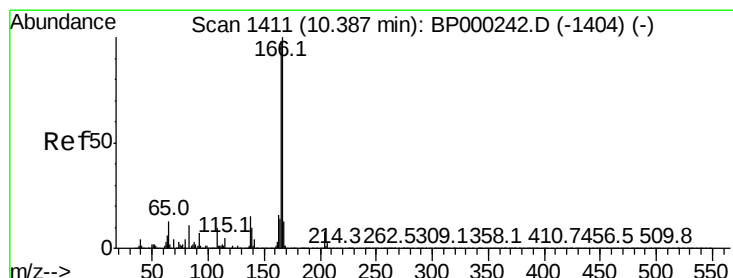
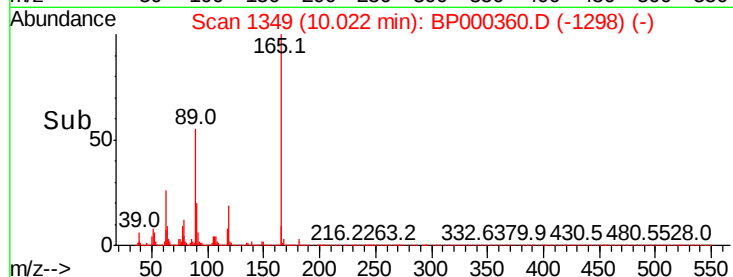
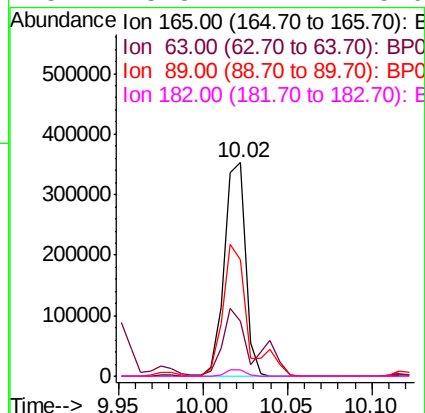
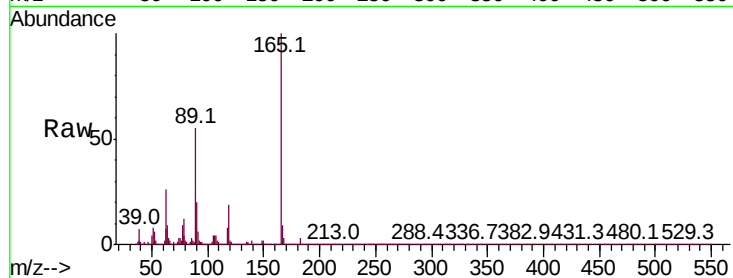




#57
 2,4-Dinitrotoluene
 Concen: 42.259 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. 0.00 min
 Lab File: BP000360.D
 Acq: 20 Sep 2019 17:37

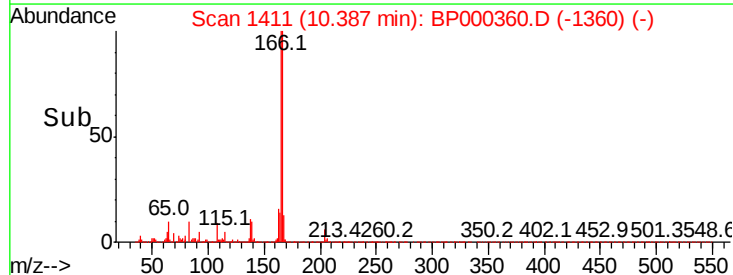
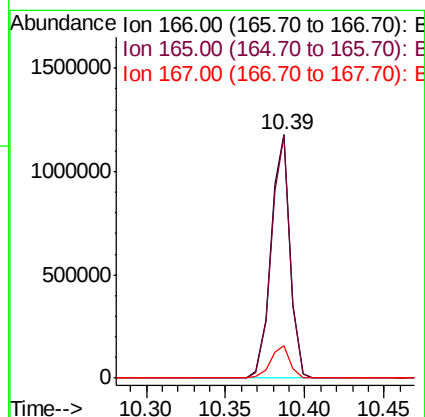
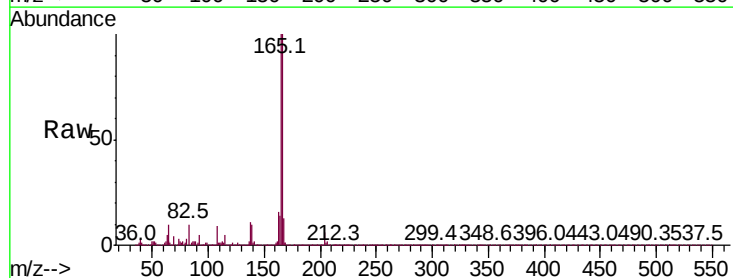
Instrument :
 BNA_P
 ClientSampleId :

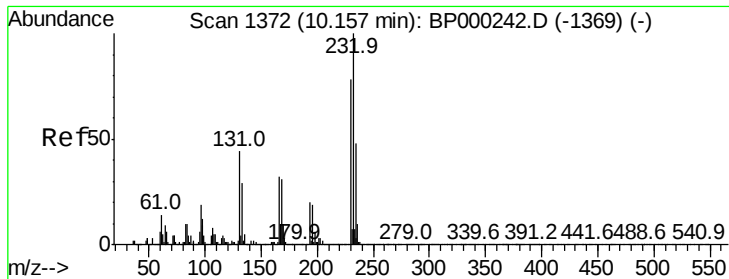
Tot Ion	Ratio	Lower	Upper
165	100		
63	26.0	21.7	32.5
89	54.6	45.0	67.6
182	3.3	2.4	3.6



#58
 Fluorene
 Concen: 44.115 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BP000360.D
 Acq: 20 Sep 2019 17:37

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.2	117.2
167	13.5	10.7	16.1

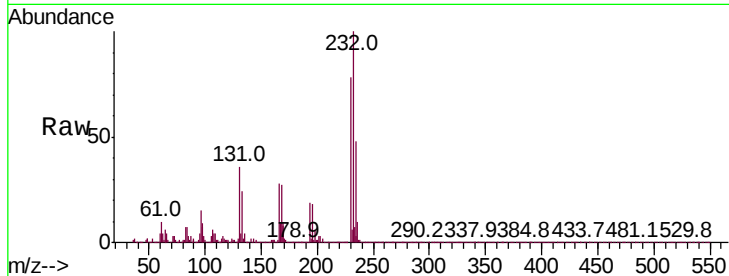




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.411 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.8	33.6	50.4
130	2.2	1.8	2.6
166	28.3	24.2	36.2



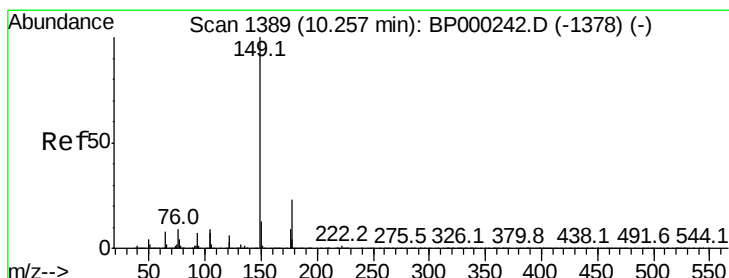
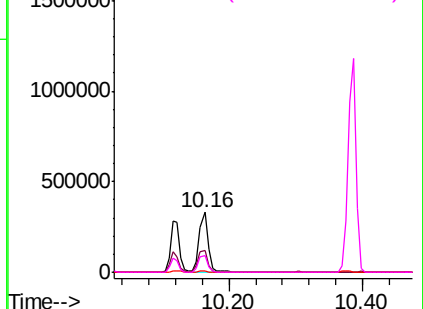
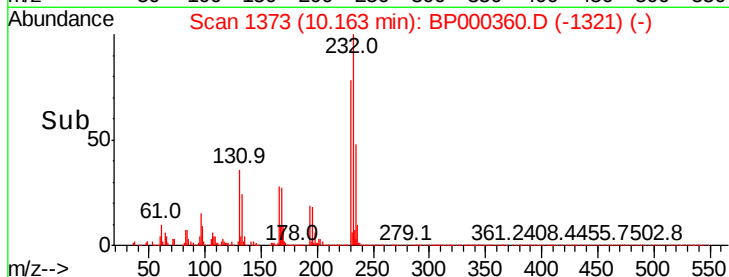
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

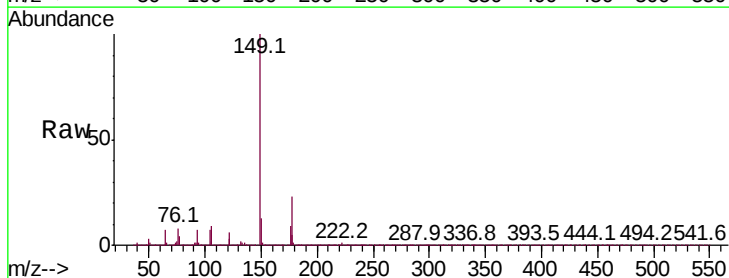
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.616 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.1	27.1
150	13.0	10.3	15.5

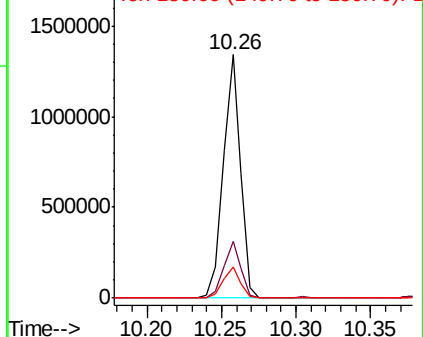
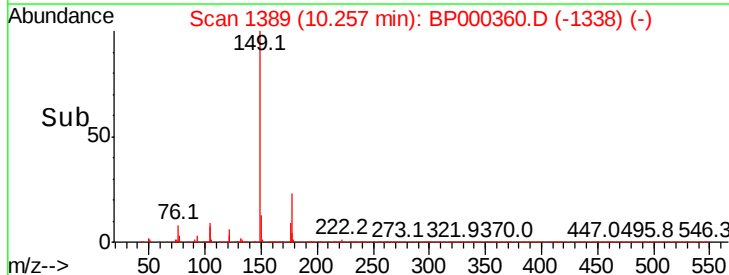


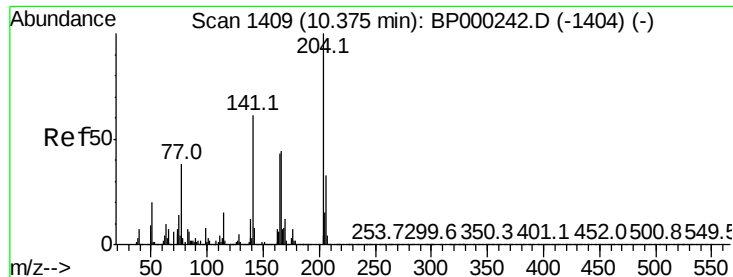
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 46.202 ng

RT: 10.38 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampled :

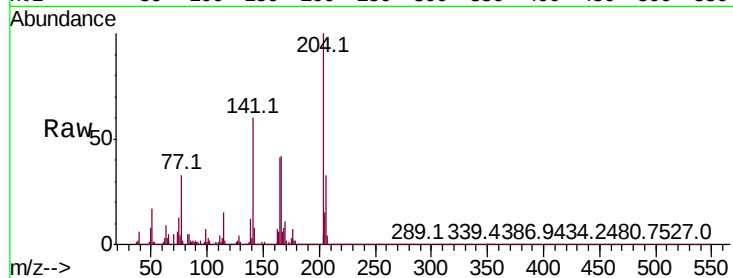
Tot Ion:204 Resp: 533099

Ion Ratio Lower Upper

204 100

206 32.8 26.3 39.5

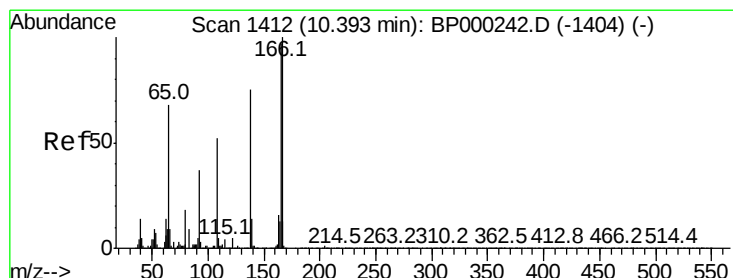
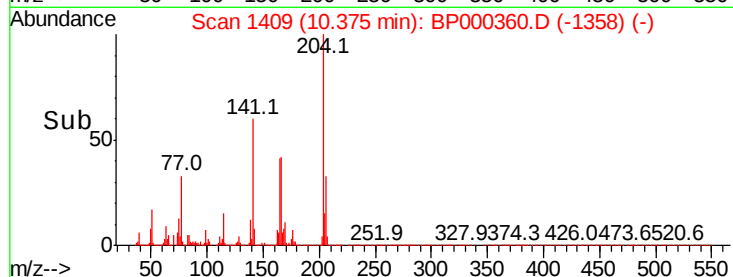
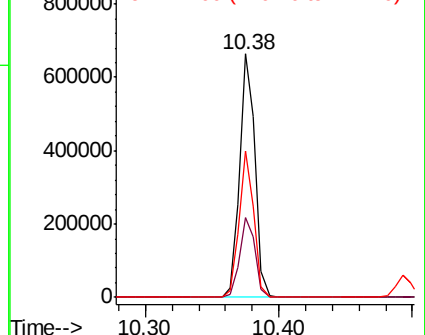
141 60.2 48.6 72.8



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



#62

4-Nitroaniline

Concen: 42.204 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

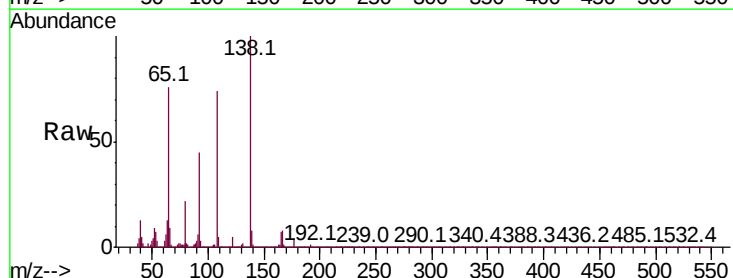
Tgt Ion:138 Resp: 269948

Ion Ratio Lower Upper

138 100

92 45.3 30.1 70.1

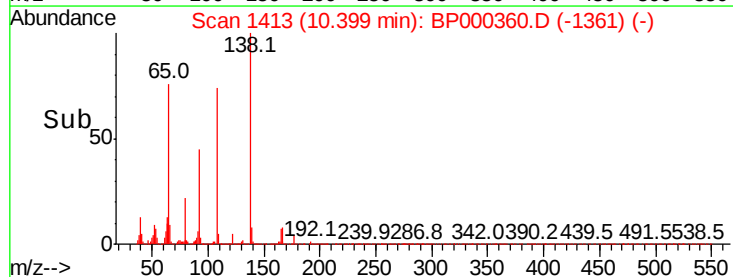
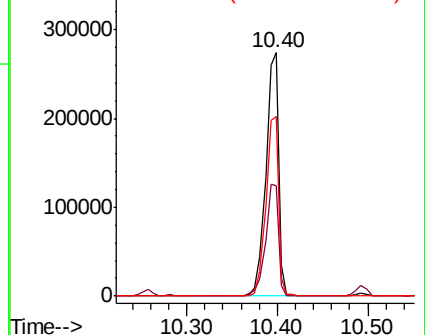
108 73.6 49.5 89.5

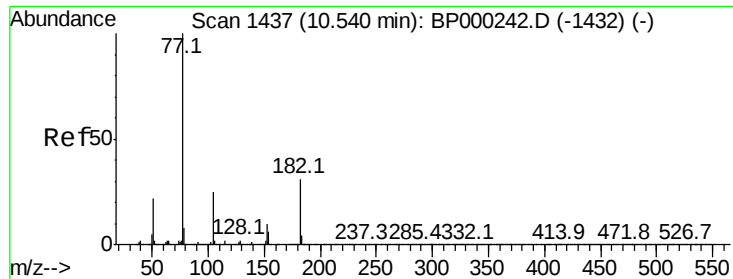


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

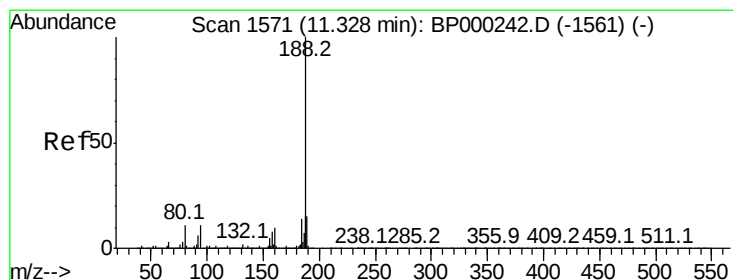
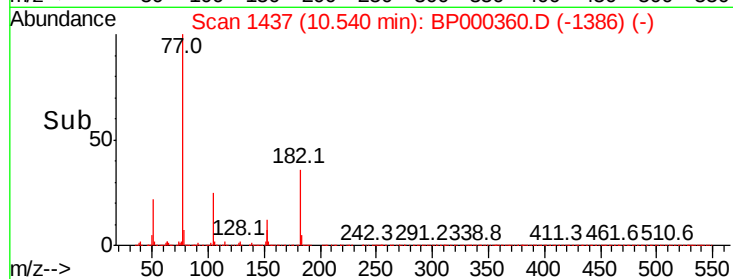
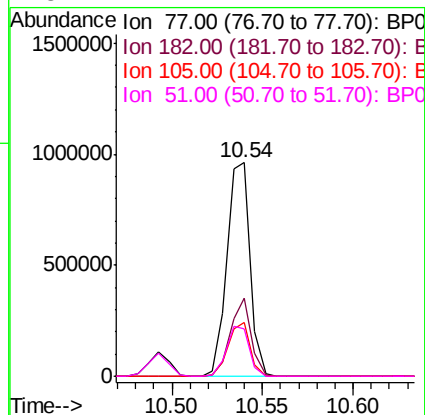
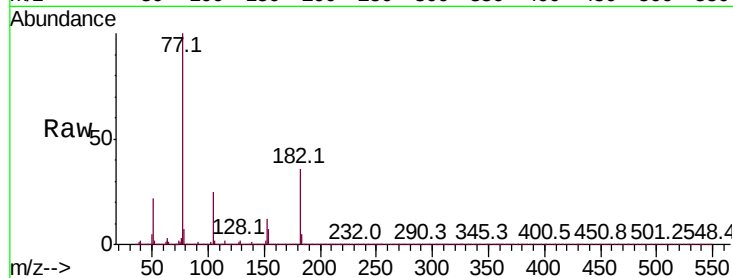




#63
Azobenzene
Concen: 40.986 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

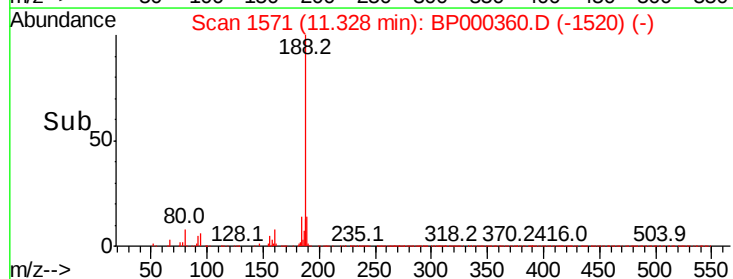
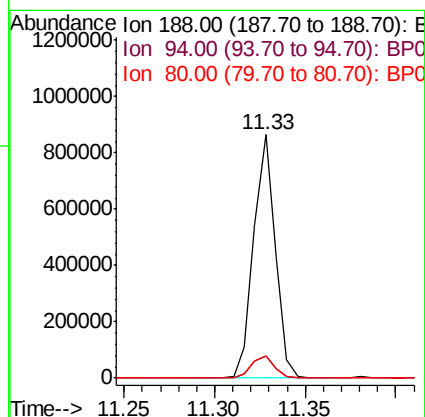
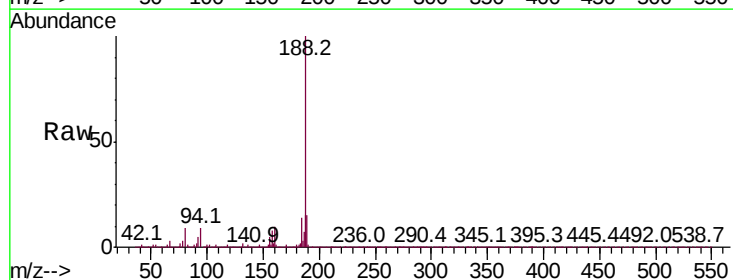
Instrument :
BNA_P
ClientSampleId :

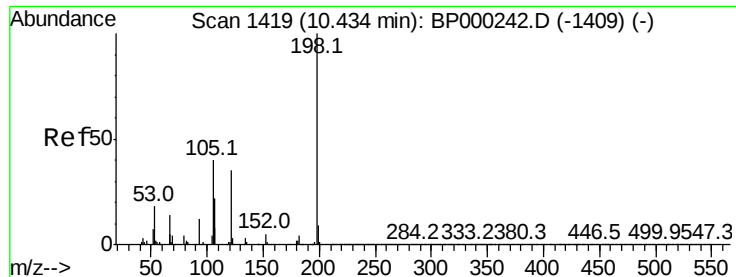
Tot Ion:	77	Resp:	851103
Ion	Ratio	Lower	Upper
77	100		
182	36.3	11.1	51.1
105	25.3	4.7	44.7
51	22.4	2.2	42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion:	188	Resp:	715285
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	8.9	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 8.099 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

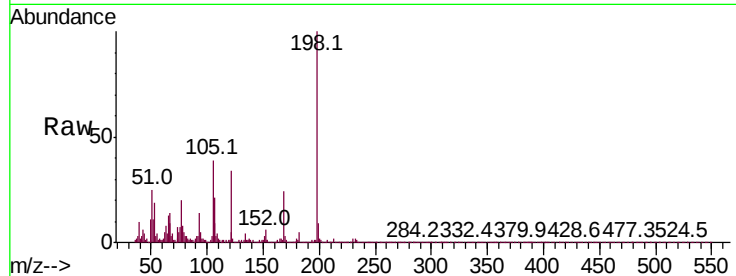
Tot Ion:198 Resp: 27241

Ion Ratio Lower Upper

198 100

51 24.6 7.4 47.4

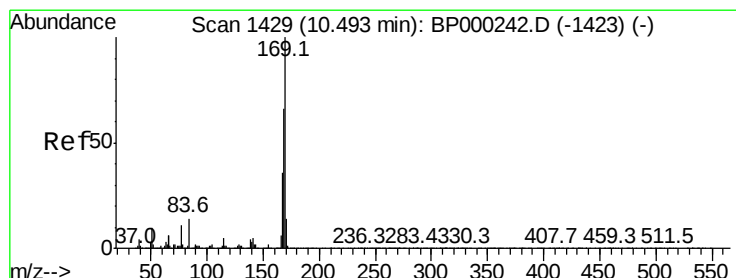
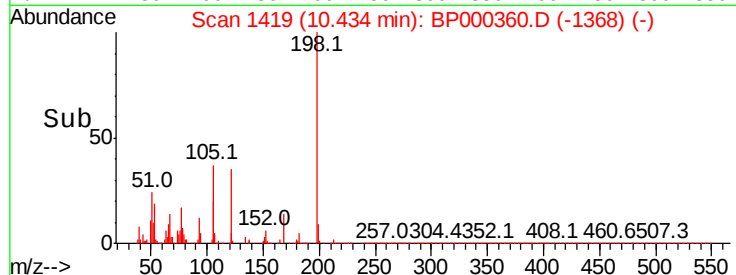
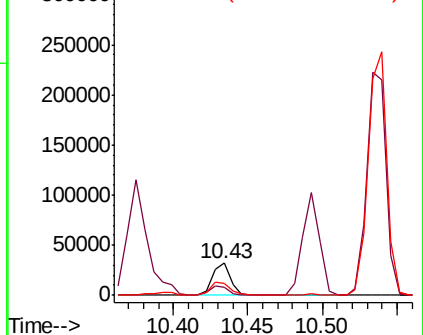
105 38.7 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.994 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

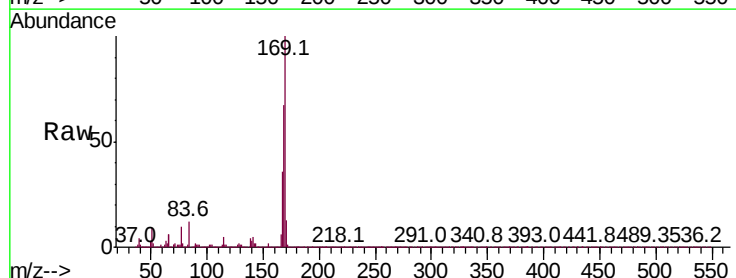
Tgt Ion:169 Resp: 925766

Ion Ratio Lower Upper

169 100

168 66.9 52.9 79.3

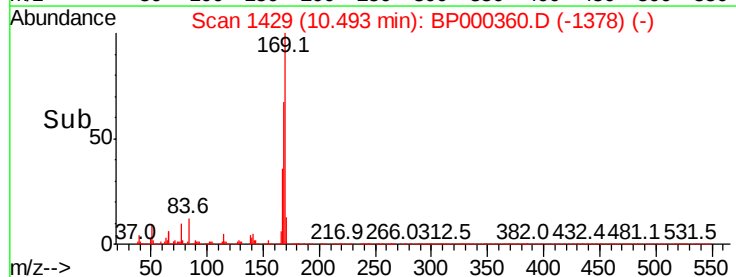
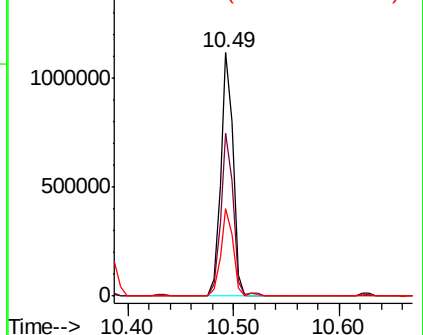
167 35.8 29.0 43.6

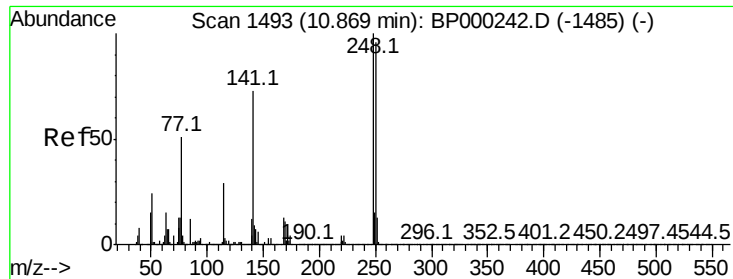


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

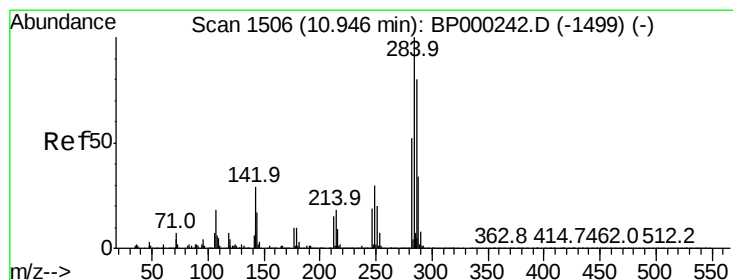
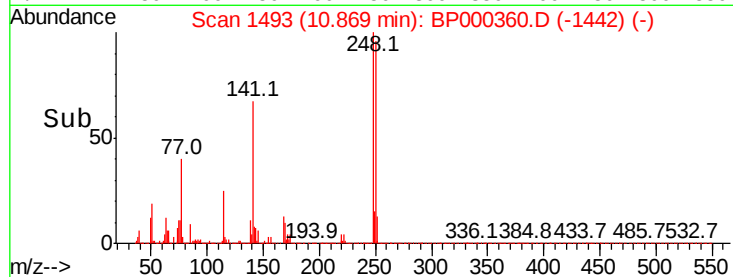
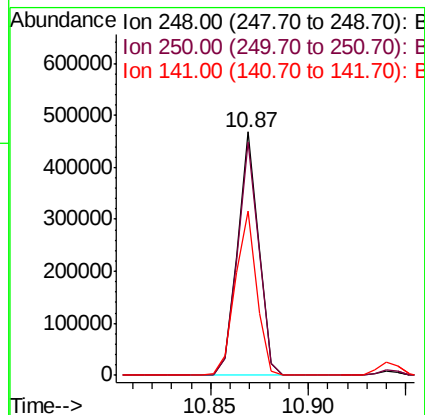
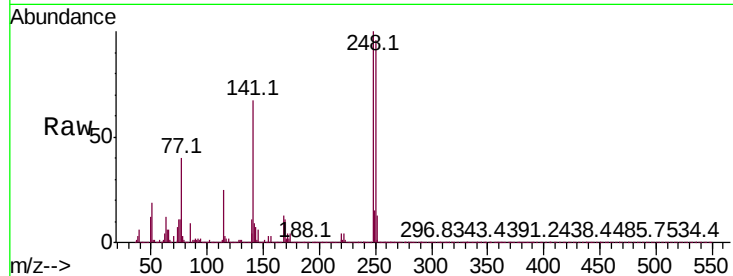




#67
4-Bromophenyl-phenylether
Concen: 43.462 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

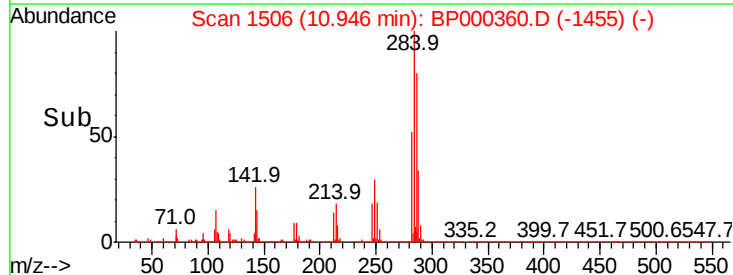
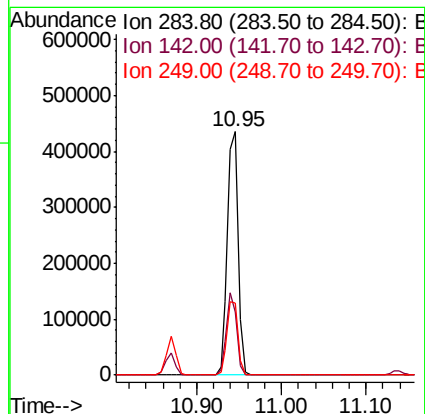
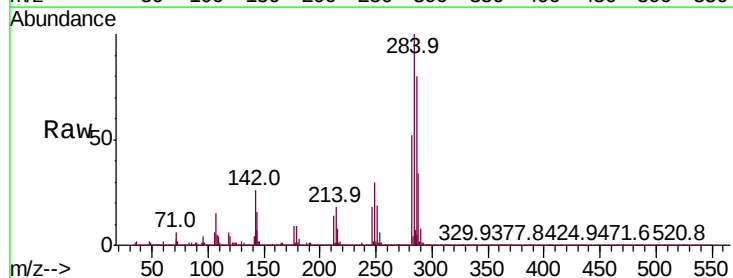
Instrument :
BNA_P
ClientSampleId :

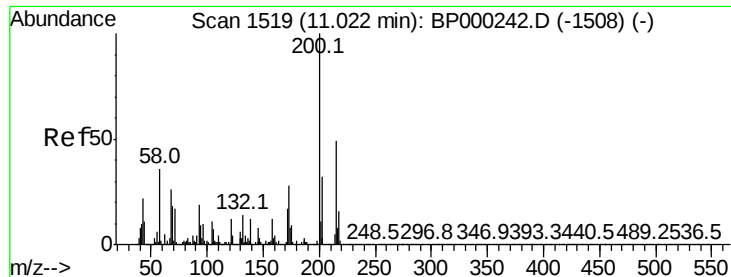
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	77.0	115.4
141	67.4	58.5	87.7



#68
Hexachlorobenzene
Concen: 43.551 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.8	23.6	35.4
249	29.7	24.3	36.5

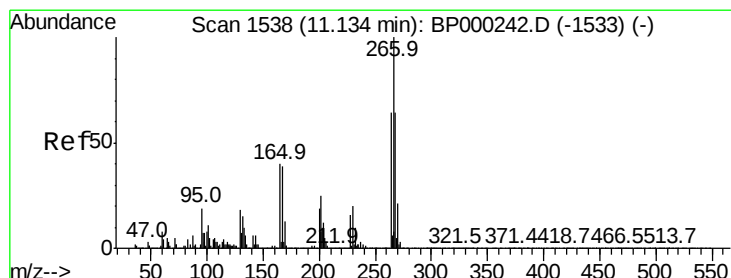
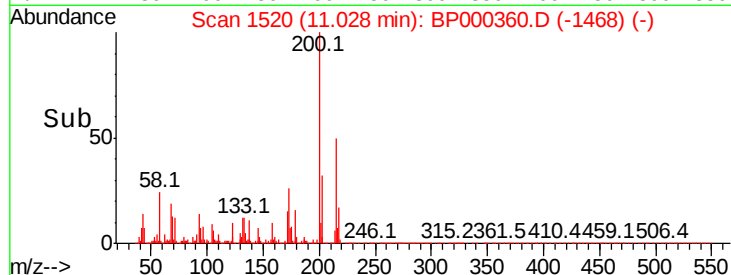
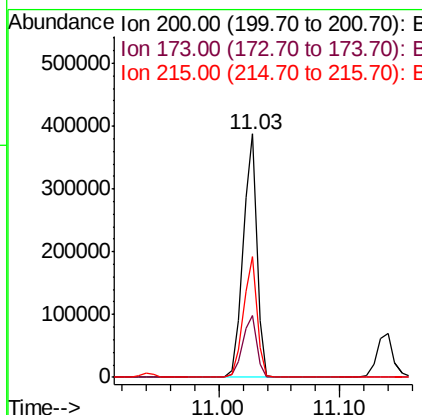
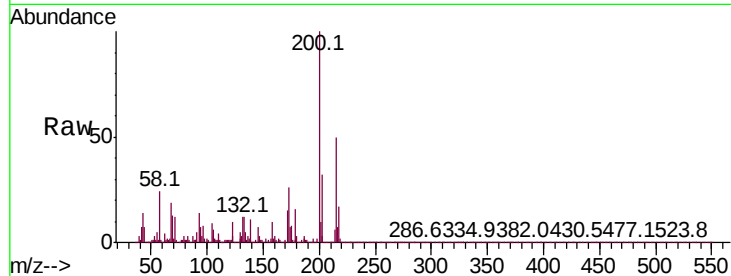




#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

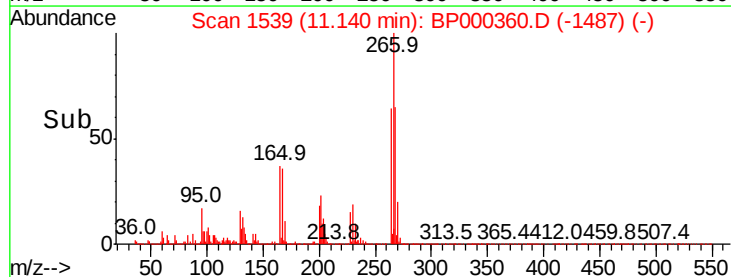
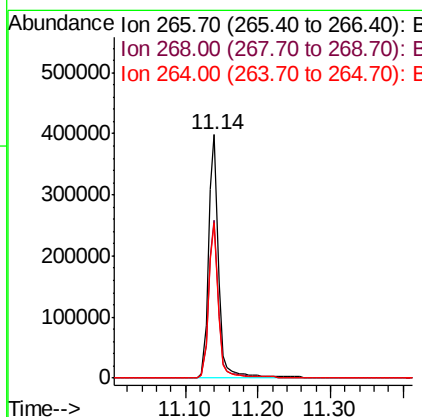
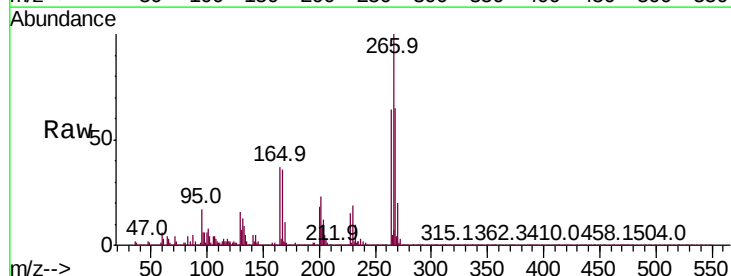
Instrument :
BNA_P
ClientSampled :

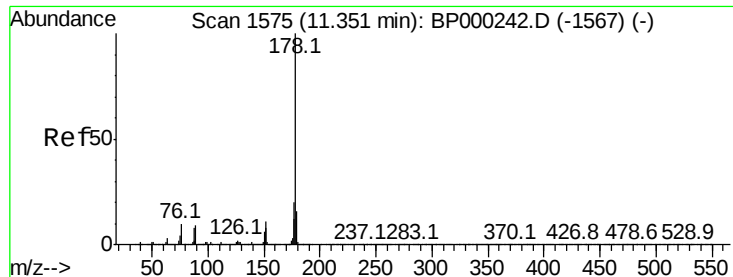
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	7.6	47.6
215	49.8	28.6	68.6



#70
Pentachlorophenol
Concen: 80.422 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.6	77.4
264	63.8	50.8	76.2

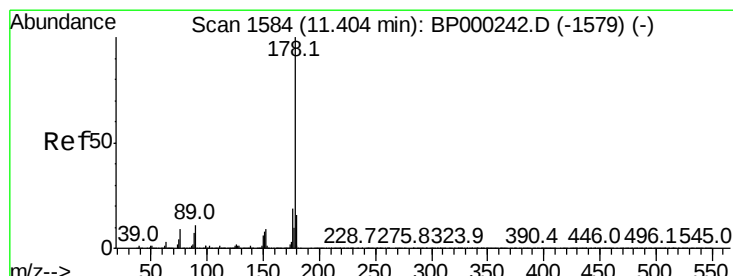
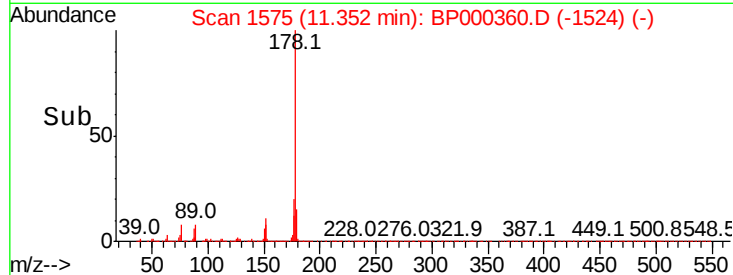
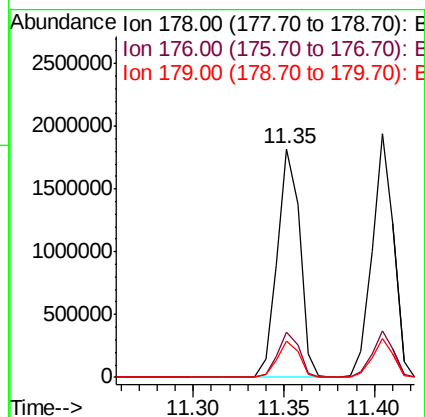
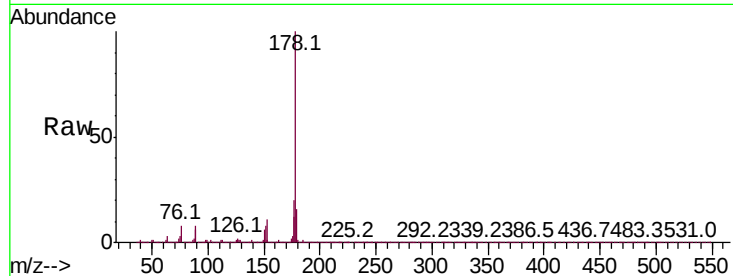




#71
Phenanthrene
Concen: 43.697 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

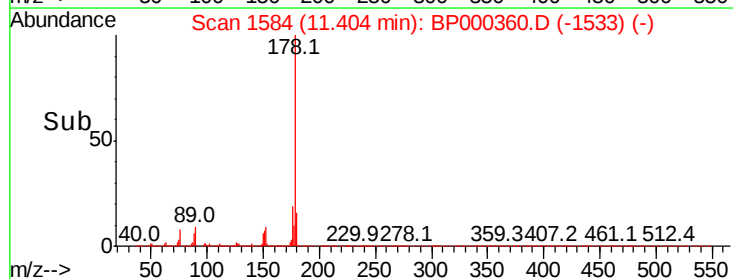
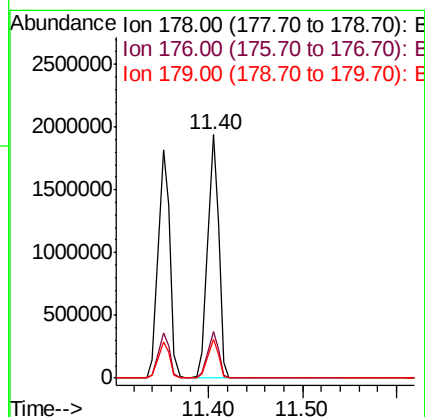
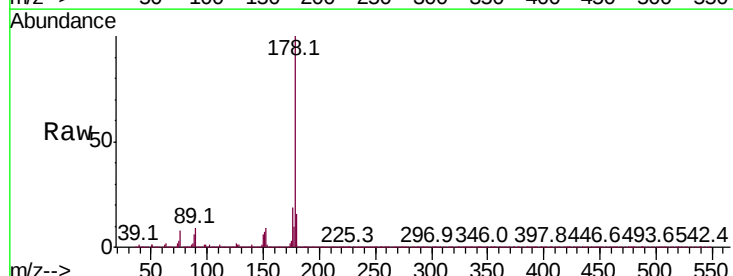
Instrument :
BNA_P
ClientSampleId :

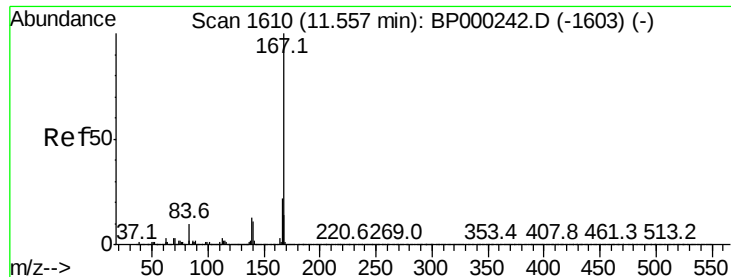
Tot Ion:178 Resp: 1566310
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.8
179 15.8 12.7 19.1



#72
Anthracene
Concen: 43.390 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion:178 Resp: 1600894
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.7 12.7 19.1





#73

Carbazole

Concen: 43.780 ng

RT: 11.56 min Scan# 1610

Delta R.T. 0.00 min

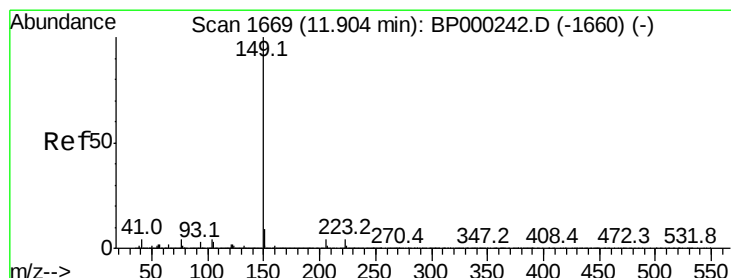
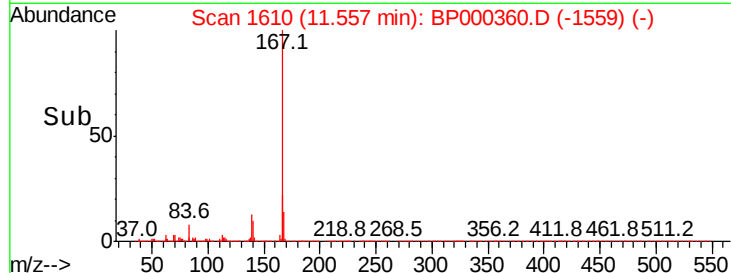
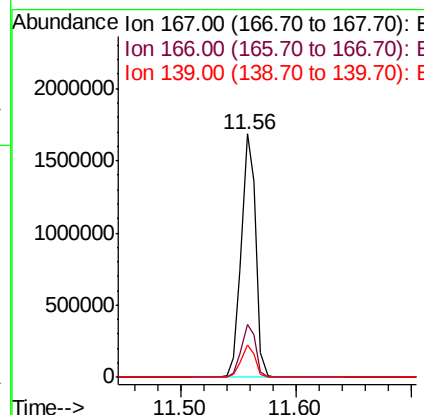
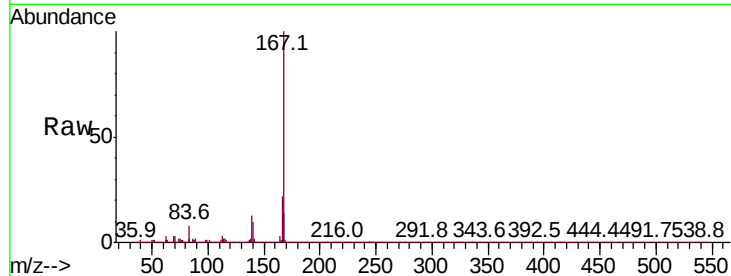
Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:167 Resp: 1454680

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	13.2	10.8	16.2



#74

Di-n-butylphthalate

Concen: 42.199 ng

RT: 11.90 min Scan# 1668

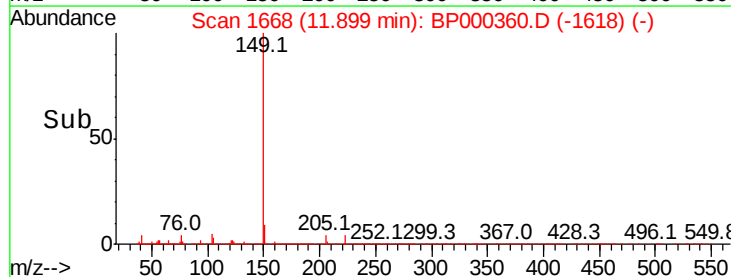
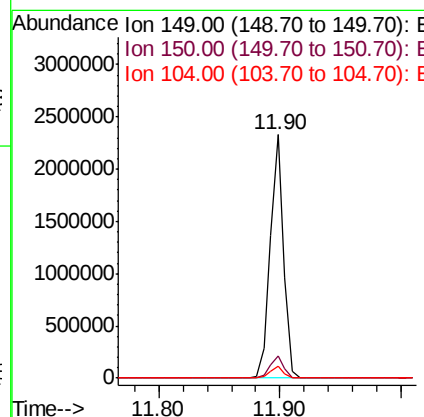
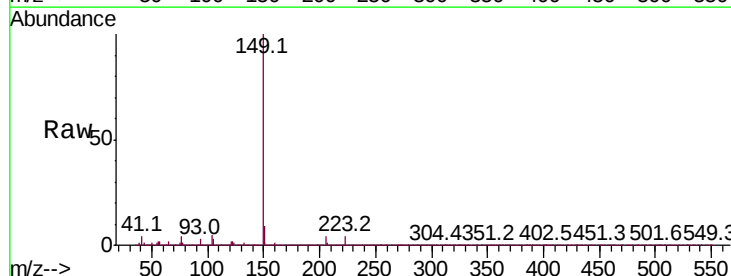
Delta R.T. -0.01 min

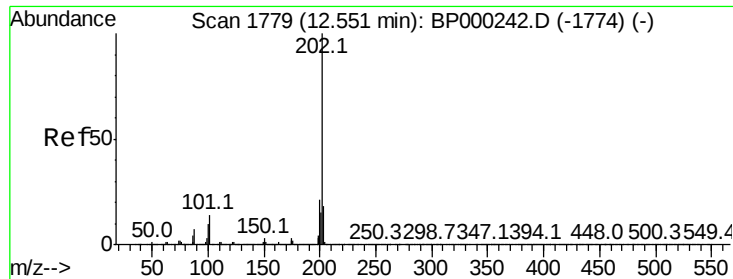
Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Tgt Ion:149 Resp: 1774809

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.7	3.5	5.3





#75

Fluoranthene

Concen: 45.632 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampled :

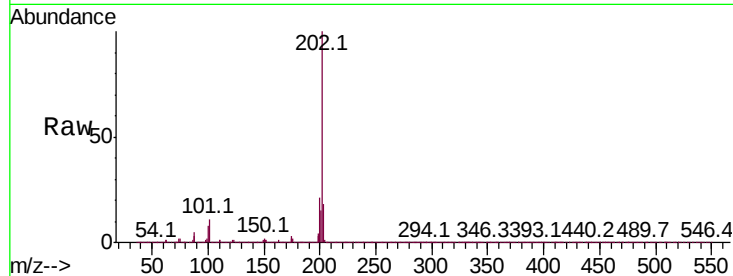
Tot Ion:202 Resp: 1756340

Ion Ratio Lower Upper

202 100

101 11.0 0.0 33.9

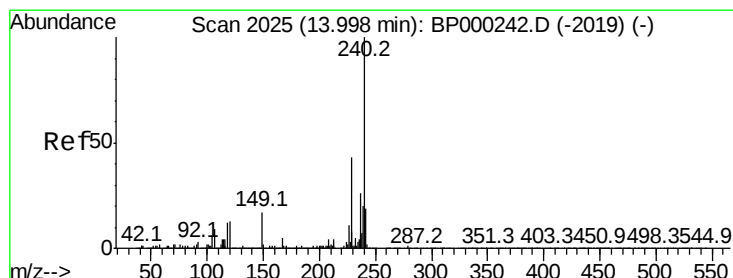
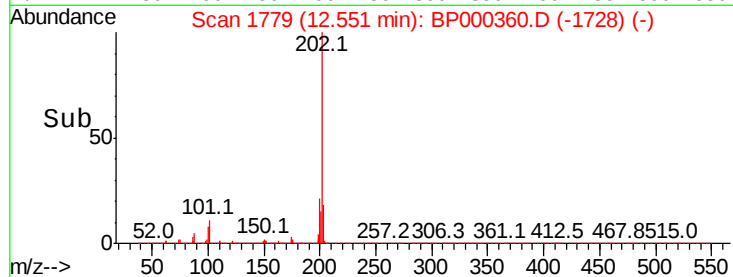
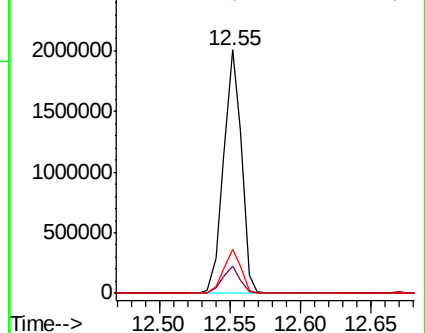
203 17.8 0.0 38.0



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: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

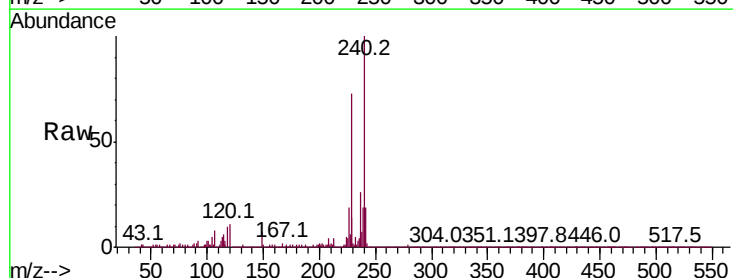
Tgt Ion:240 Resp: 608225

Ion Ratio Lower Upper

240 100

120 11.5 10.4 15.6

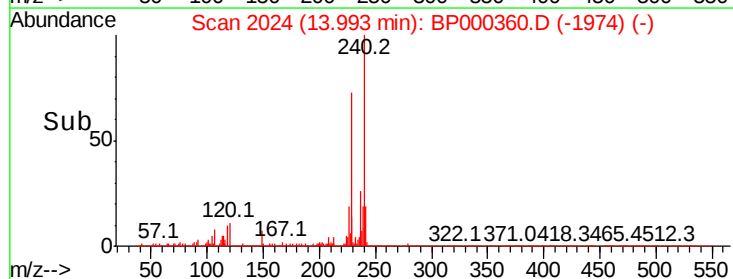
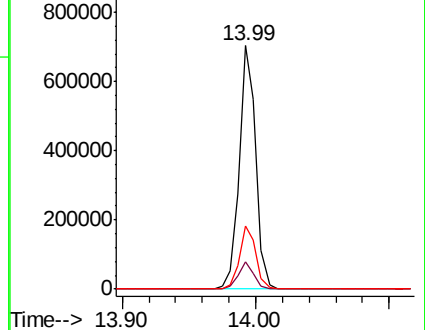
236 26.1 21.0 31.6

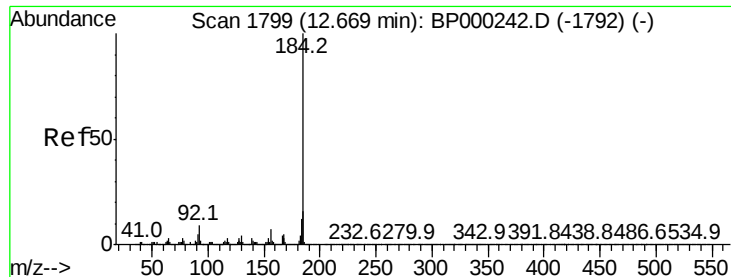


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 54.094 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

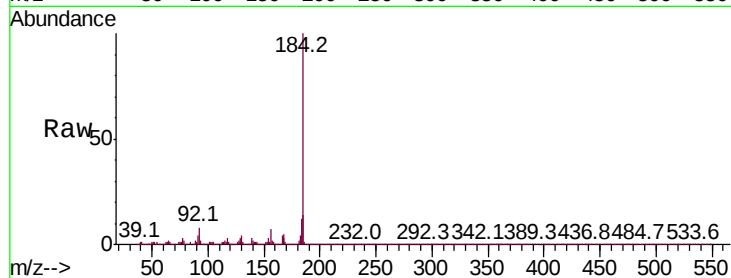
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 1175038

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.7	19.1
183	12.2	9.5	14.3

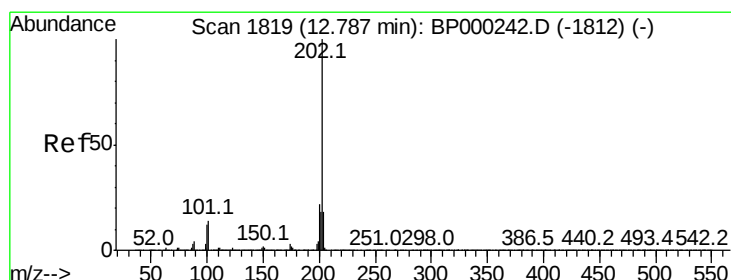
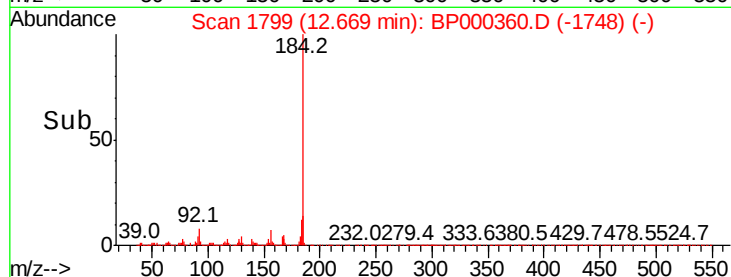
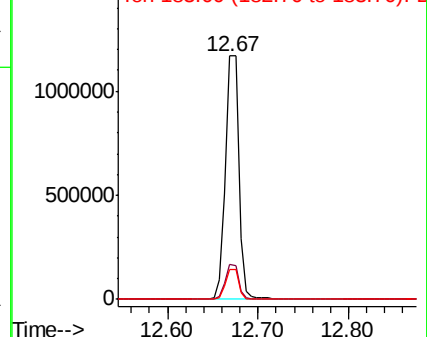


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.051 ng

RT: 12.78 min Scan# 1818

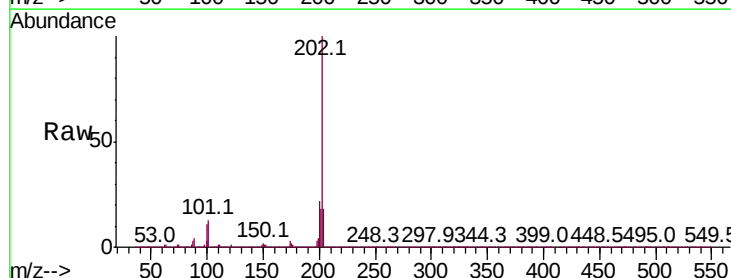
Delta R.T. -0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Tgt Ion:202 Resp: 1777051

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	17.9	14.3	21.5

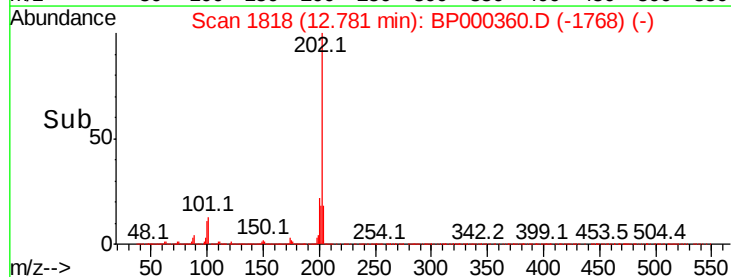
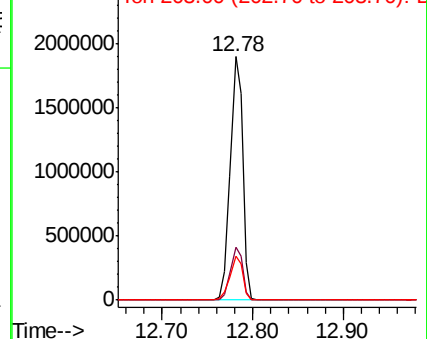


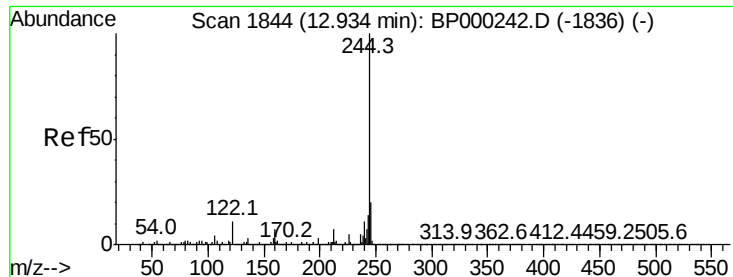
Abundance

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: 66.140 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

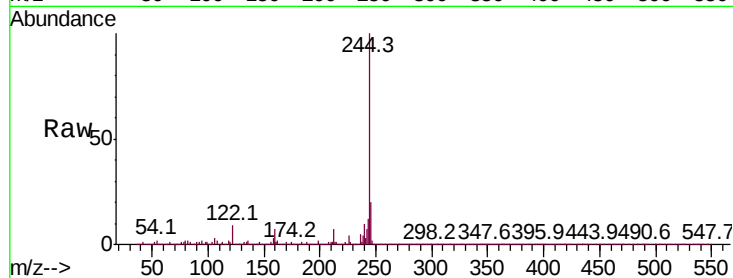
Tot Ion:244 Resp: 1917588

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

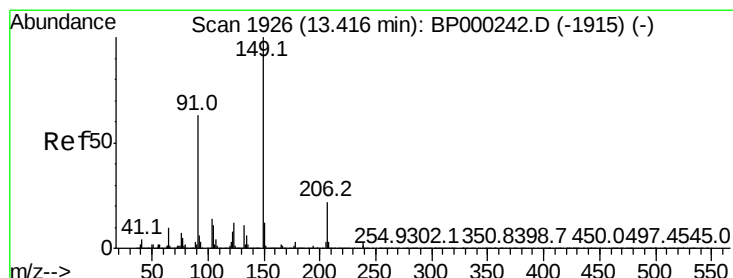
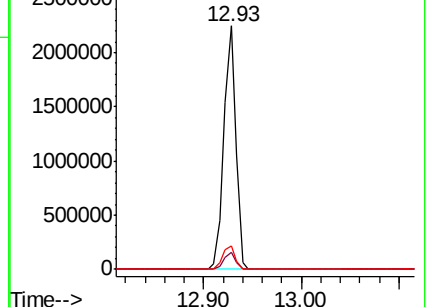
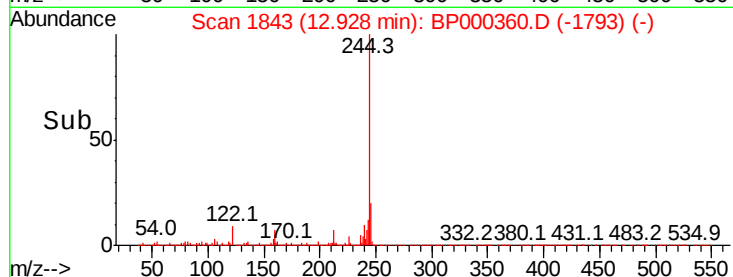
122 9.4 9.0 13.4



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: 36.880 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

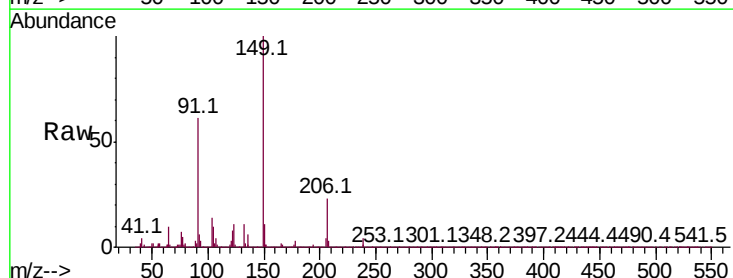
Tgt Ion:149 Resp: 771132

Ion Ratio Lower Upper

149 100

91 60.7 50.6 76.0

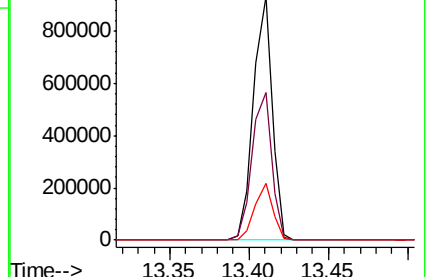
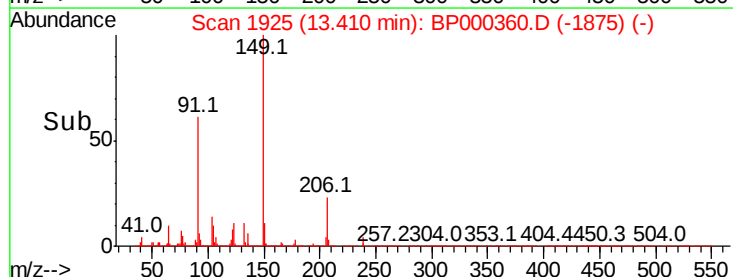
206 23.5 17.8 26.6

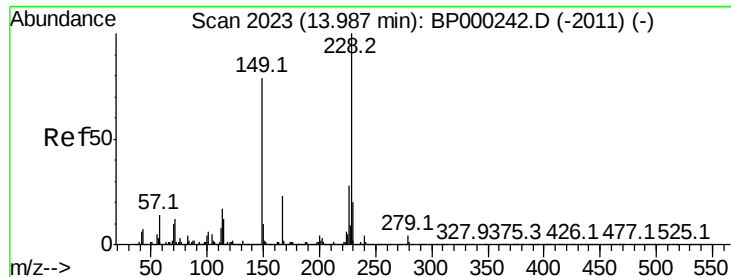


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

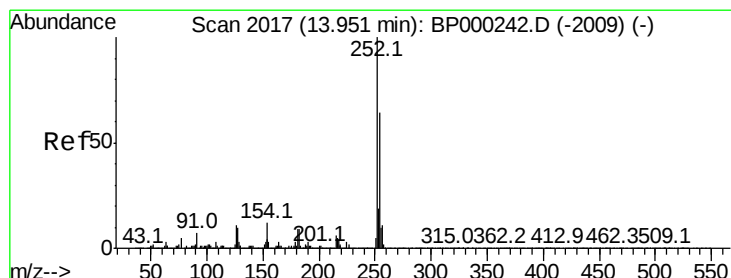
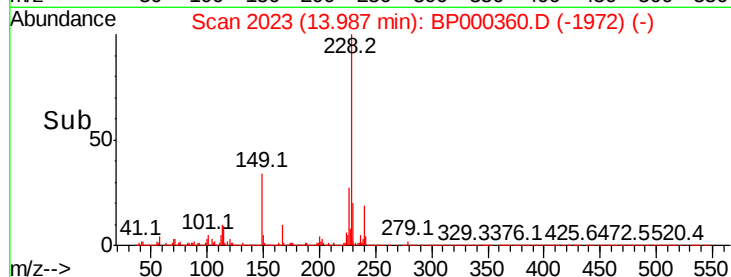
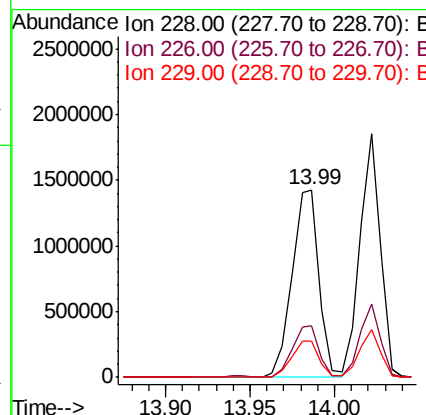
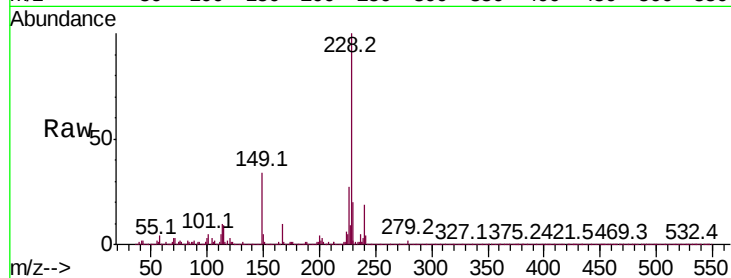




#81
Benzo(a)anthracene
Concen: 41.446 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

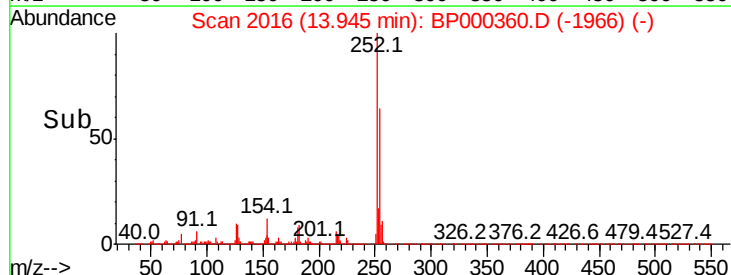
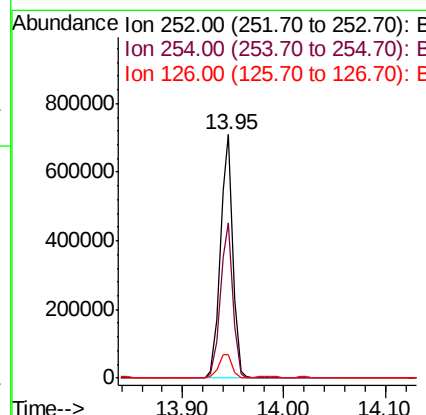
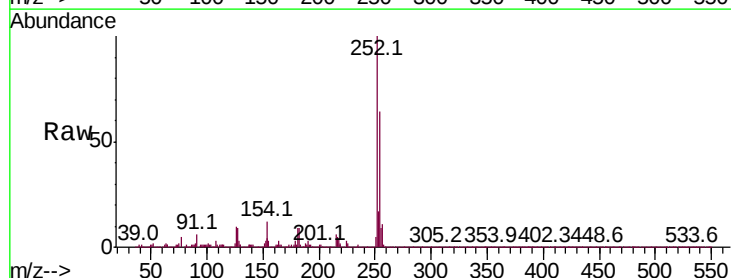
Instrument :
BNA_P
ClientSampleId :

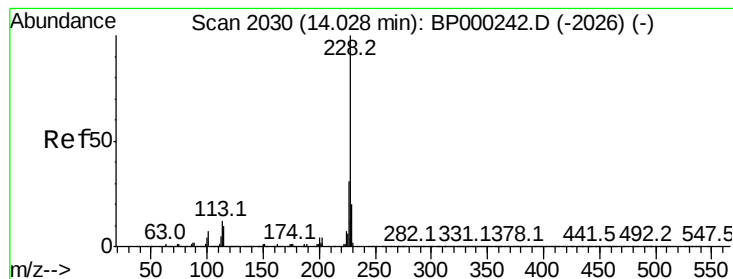
Tot Ion:228 Resp: 1592352
Ion Ratio Lower Upper
228 100
226 27.3 22.2 33.4
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 39.176 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion:252 Resp: 604909
Ion Ratio Lower Upper
252 100
254 63.8 51.5 77.3
126 9.5 8.4 12.6





#83

Chrysene

Concen: 41.055 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Instrument :

BNA_P

ClientSampleId :

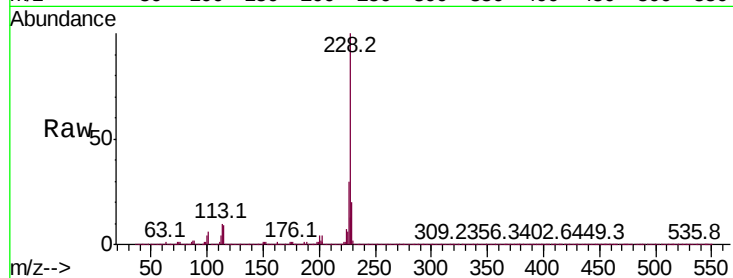
Tot Ion:228 Resp: 1548703

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.9	16.2	24.2

228 100

226 30.4 24.9 37.3

229 19.9 16.2 24.2

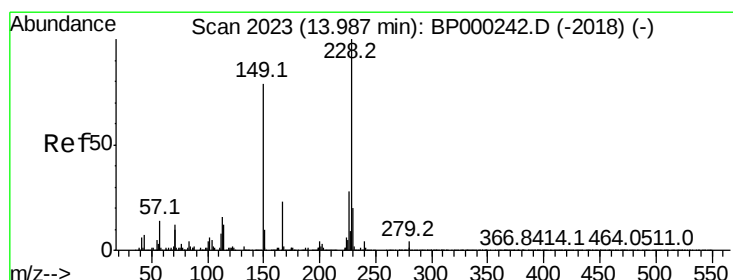
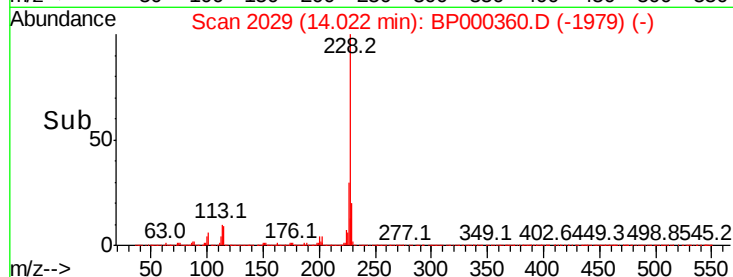
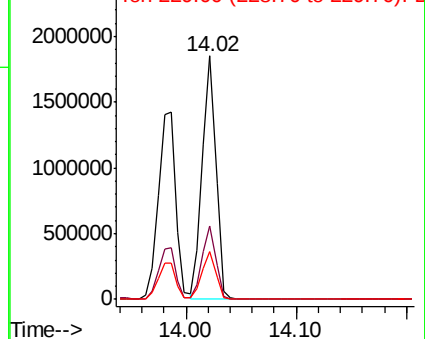


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.689 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

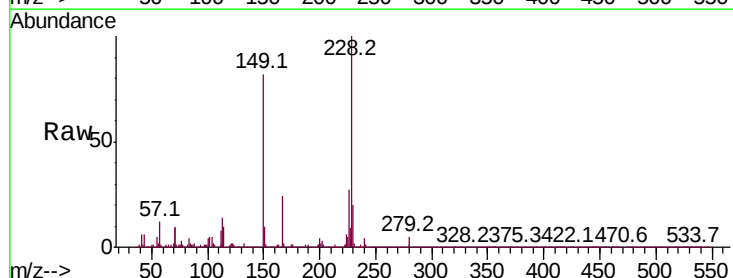
Tgt Ion:149 Resp: 1021297

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.4
279	5.7	3.7	5.5#

149 100

167 28.9 23.0 34.4

279 5.7 3.7 5.5#

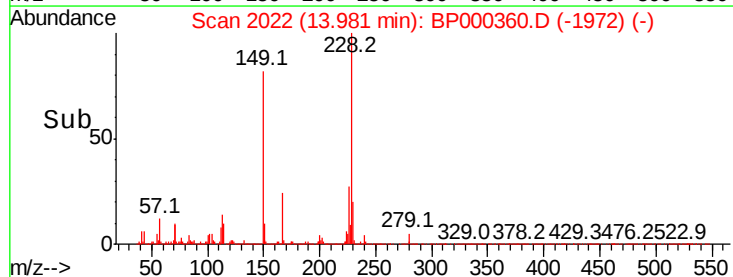
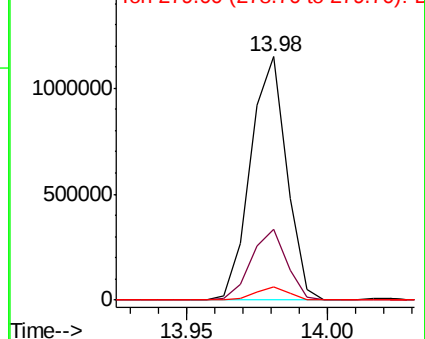


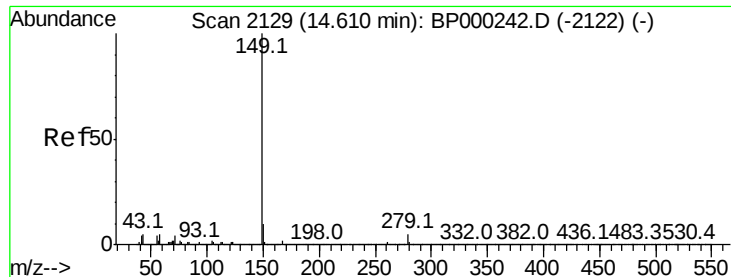
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

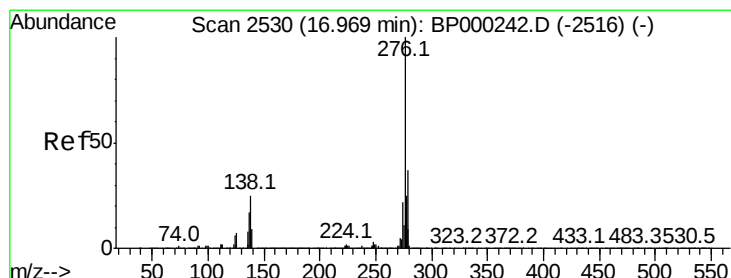
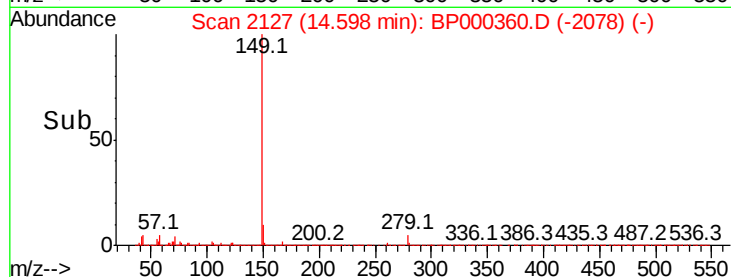
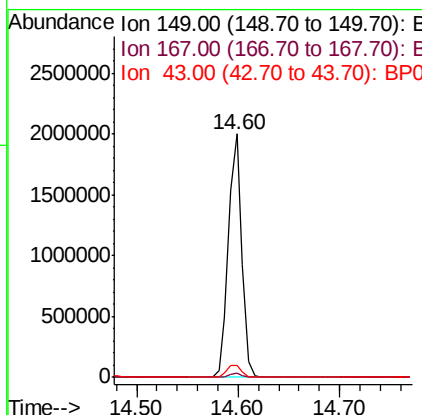
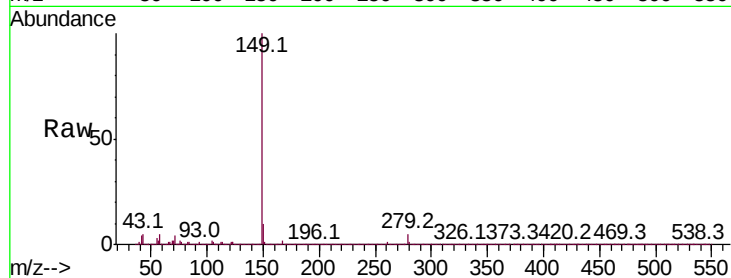




#85
Di-n-octyl phthalate
Concen: 39.278 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

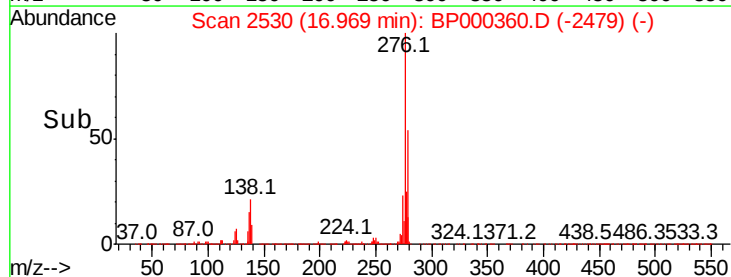
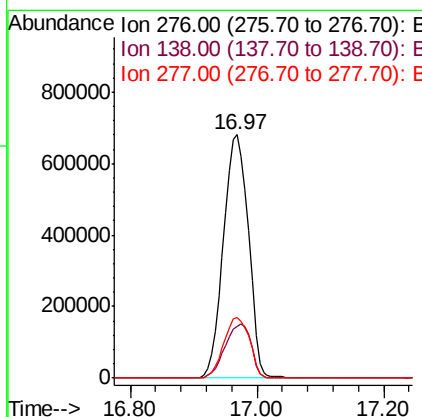
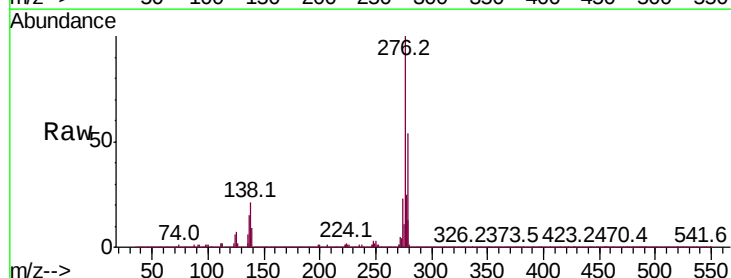
Instrument :
BNA_P
ClientSampleId :

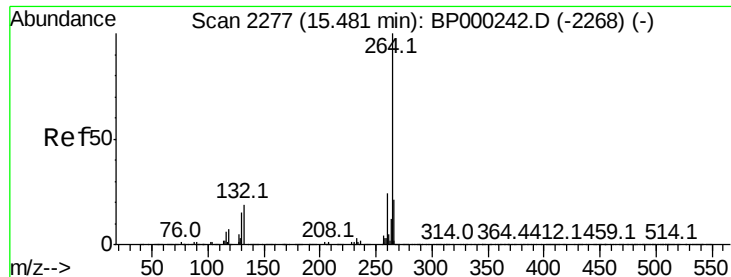
Tot Ion:149 Resp: 1827238
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 5.3 5.0 7.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.229 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion:276 Resp: 1849785
Ion Ratio Lower Upper
276 100
138 23.1 22.6 33.8
277 25.7 20.4 30.6

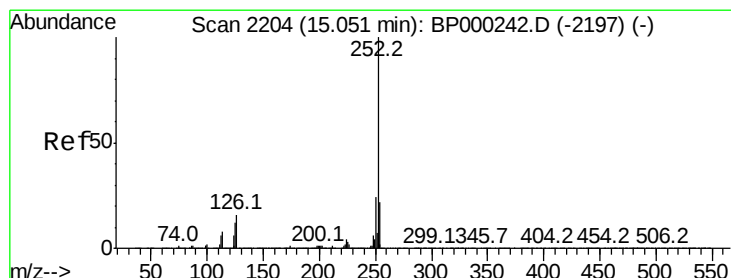
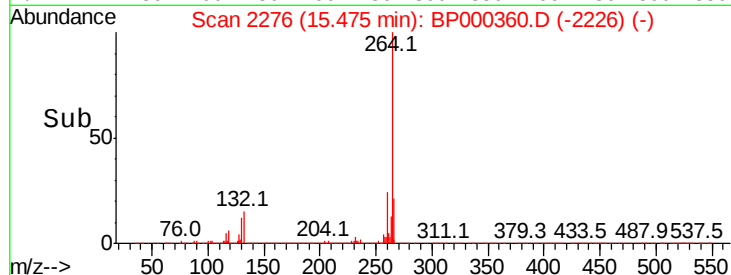
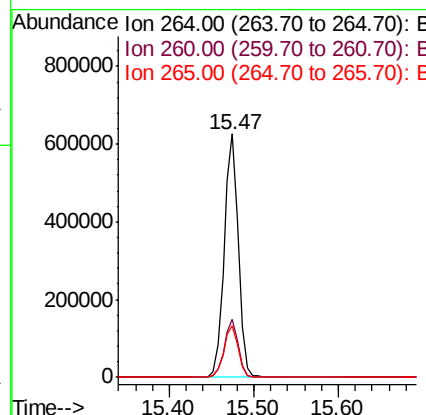
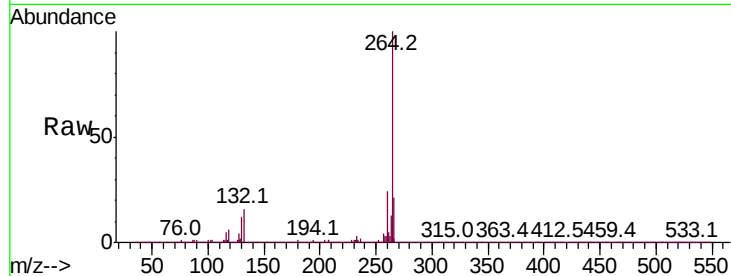




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

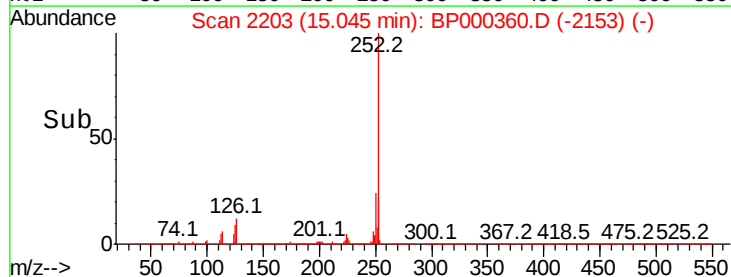
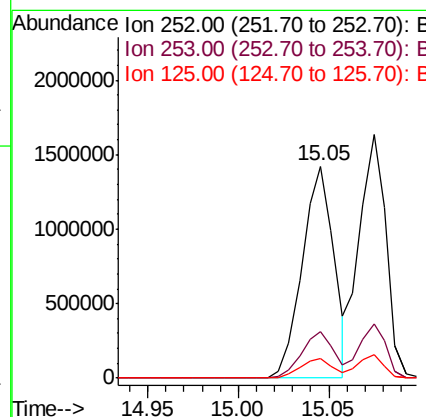
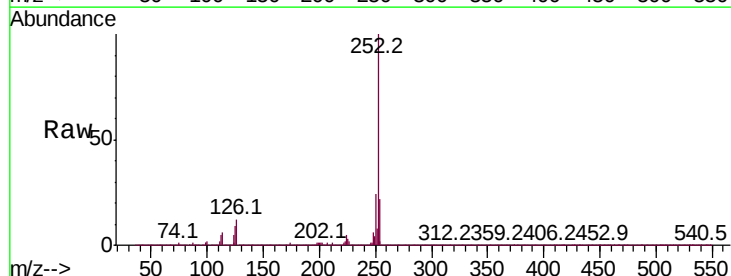
Instrument :
BNA_P
ClientSampleId :

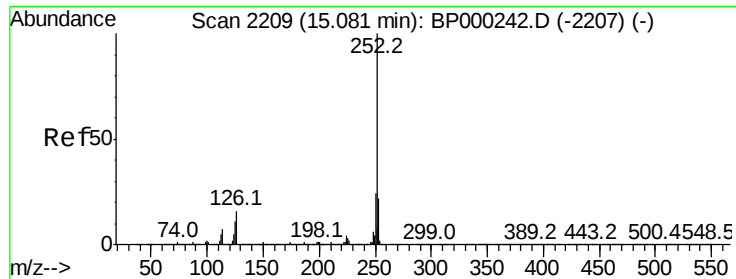
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.3	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 39.981 ng
RT: 15.05 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	9.5	9.5	14.3

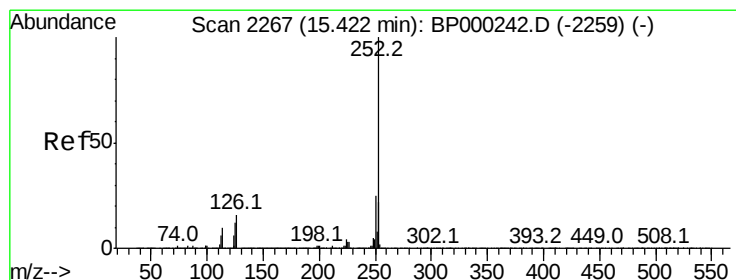
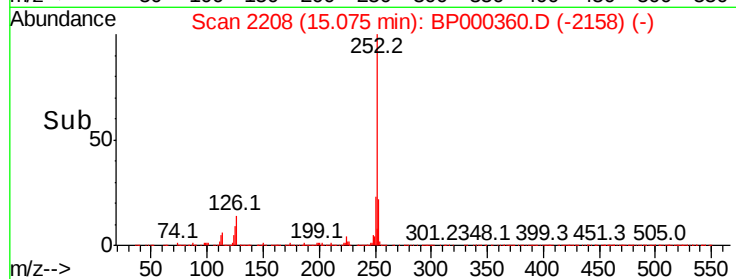
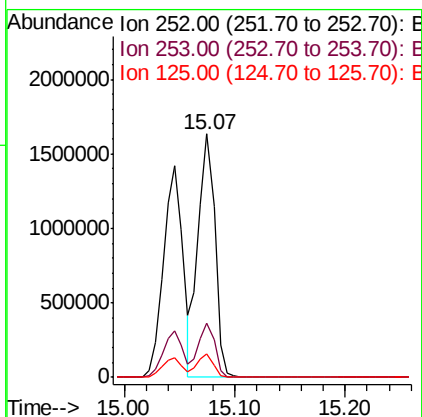
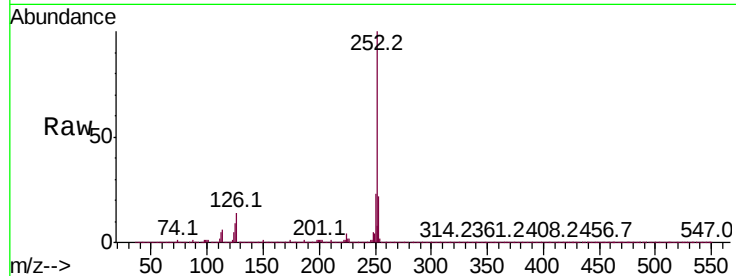




#89
Benzo(k)fluoranthene
Concen: 44.455 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

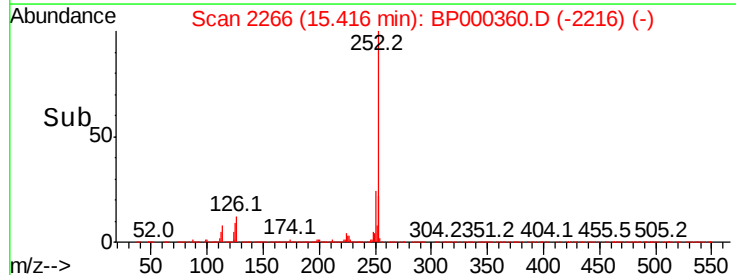
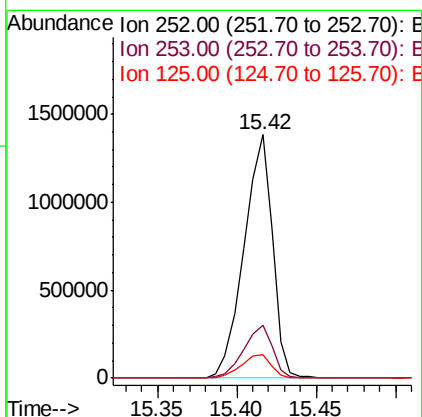
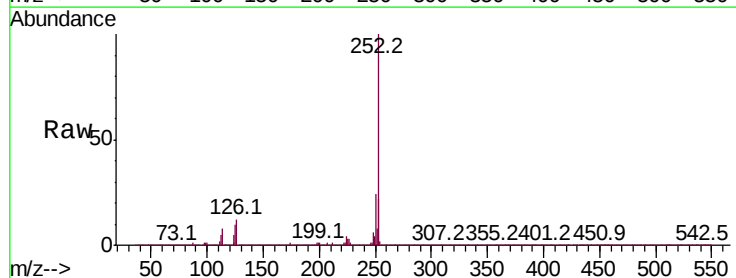
Instrument :
BNA_P
ClientSampled :

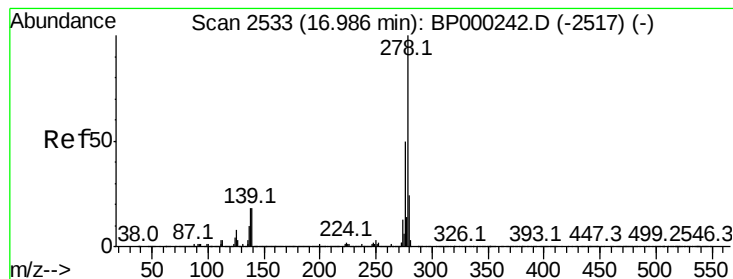
Tot Ion:252 Resp: 1692301
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 9.4 9.6 14.4#



#90
Benzo(a)pyrene
Concen: 43.429 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BP000360.D
Acq: 20 Sep 2019 17:37

Tgt Ion:252 Resp: 1724562
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.6 10.0 15.0#





#91

Dibenzo(a,h)anthracene

Concen: 42.173 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

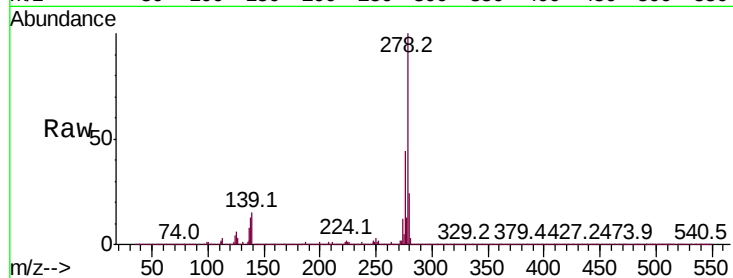
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 1561379

Ion	Ratio	Lower	Upper
278	100		
139	14.6	14.5	21.7
279	23.9	19.0	28.6

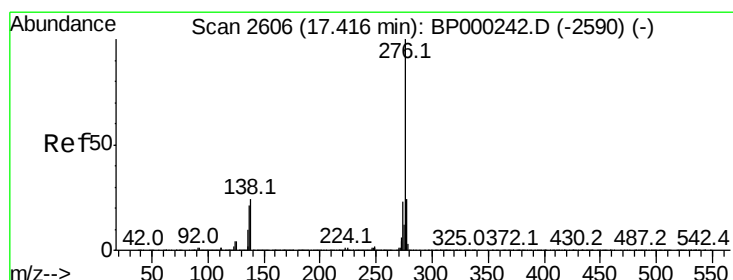
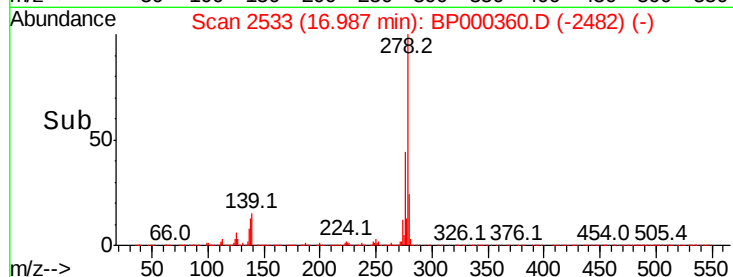
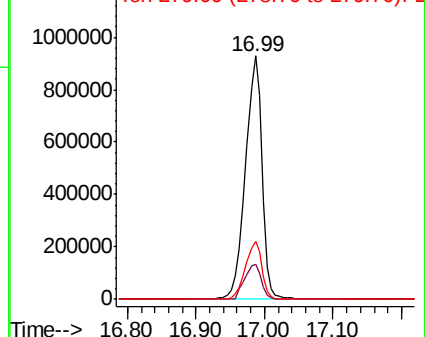


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 38.056 ng

RT: 17.42 min Scan# 2606

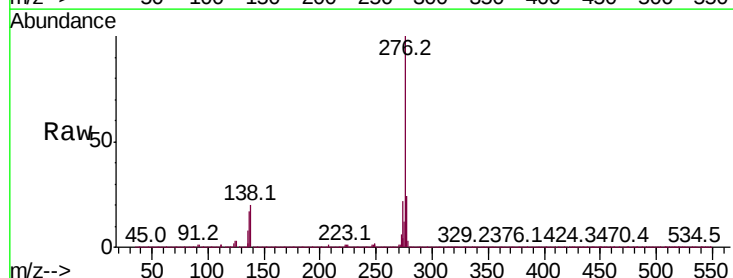
Delta R.T. 0.00 min

Lab File: BP000360.D

Acq: 20 Sep 2019 17:37

Tgt Ion:276 Resp: 1448230

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.1	28.7
138	20.0	19.5	29.3



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

