

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012820\
 Data File : BP001709.D
 Acq On : 28 Jan 2020 16:37
 Operator : CG/JU
 Sample : PB126393BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 28 22:08:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 24 22:23:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	17633	20.00	ng	-0.01
21) Naphthalene-d8	10.33	136	110629	20.00	ng	-0.01
39) Acenaphthene-d10	14.21	164	62339	20.00	ng	-0.01
64) Phenanthrene-d10	16.97	188	156832	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	166574	20.00	ng	0.00
87) Perylene-d12	23.33	264	191469	20.00	ng	0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	152205	169.09	ng	0.00
7) Phenol-d6	6.75	99	75328	52.36	ng	-0.01
23) Nitrobenzene-d5	8.70	82	177116	69.96	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	79949	84.25	ng	-0.01
45) 2-Fluorobiphenyl	12.83	172	380618	89.77	ng	-0.01
79) Terphenyl-d14	19.57	244	868744	95.39	ng	-0.01

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.11	88	11421	39.757	ng	90
3) Pyridine	3.49	79	52073	50.164	ng	96
4) n-Nitrosodimethylamine	3.41	42	52499	71.357	ng	# 85
6) Aniline	6.89	93	76107	42.310	ng	97
8) 2-Chlorophenol	7.12	128	58447	55.616	ng	91
9) Benzaldehyde	6.70	77	42331	49.263	ng	92
10) Phenol	6.78	94	52279	35.130	ng	97
11) bis(2-Chloroethyl)ether	6.99	93	59758	51.200	ng	93
12) 1,3-Dichlorobenzene	7.44	146	54009	40.886	ng	95
13) 1,4-Dichlorobenzene	7.59	146	55298	40.484	ng	94
14) 1,2-Dichlorobenzene	7.90	146	56248	42.611	ng	99
15) Benzyl Alcohol	7.80	79	64332	47.485	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.09	45	117967	54.407	ng	99
17) 2-Methylphenol	8.01	107	55929	54.129	ng	98
18) Hexachloroethane	8.62	117	21661	40.621	ng	97
19) n-Nitroso-di-n-propylamine	8.36	70	63270	57.686	ng	91
20) 3+4-Methylphenols	8.34	107	71155	49.233	ng	97
22) Acetophenone	8.37	105	108257	34.908	ng	# 92
24) Nitrobenzene	8.74	77	93068	36.337	ng	98
25) Isophorone	9.26	82	172332	37.959	ng	98
26) 2-Nitrophenol	9.45	139	34451	35.592	ng	97
27) 2,4-Dimethylphenol	9.53	122	64161	44.370	ng	95
28) bis(2-Chloroethoxy)methane	9.76	93	94772	35.634	ng	99
29) 2,4-Dichlorophenol	9.99	162	69335	35.029	ng	97
30) 1,2,4-Trichlorobenzene	10.19	180	70688	29.583	ng	100
31) Naphthalene	10.38	128	251617	43.095	ng	100
32) Benzoic acid	9.53	122	61627	47.418	ng	# 11
33) 4-Chloroaniline	10.49	127	107750	40.081	ng	98
34) Hexachlorobutadiene	10.68	225	45834	27.097	ng	95
35) Caprolactam	11.25	113	4752	6.611	ng	93
36) 4-Chloro-3-methylphenol	11.65	107	85537	36.008	ng	99
37) 2-Methylnaphthalene	12.00	142	154396	33.181	ng	97
38) 1-Methylnaphthalene	12.22	142	146619	32.744	ng	92
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	97200	45.517	ng	97

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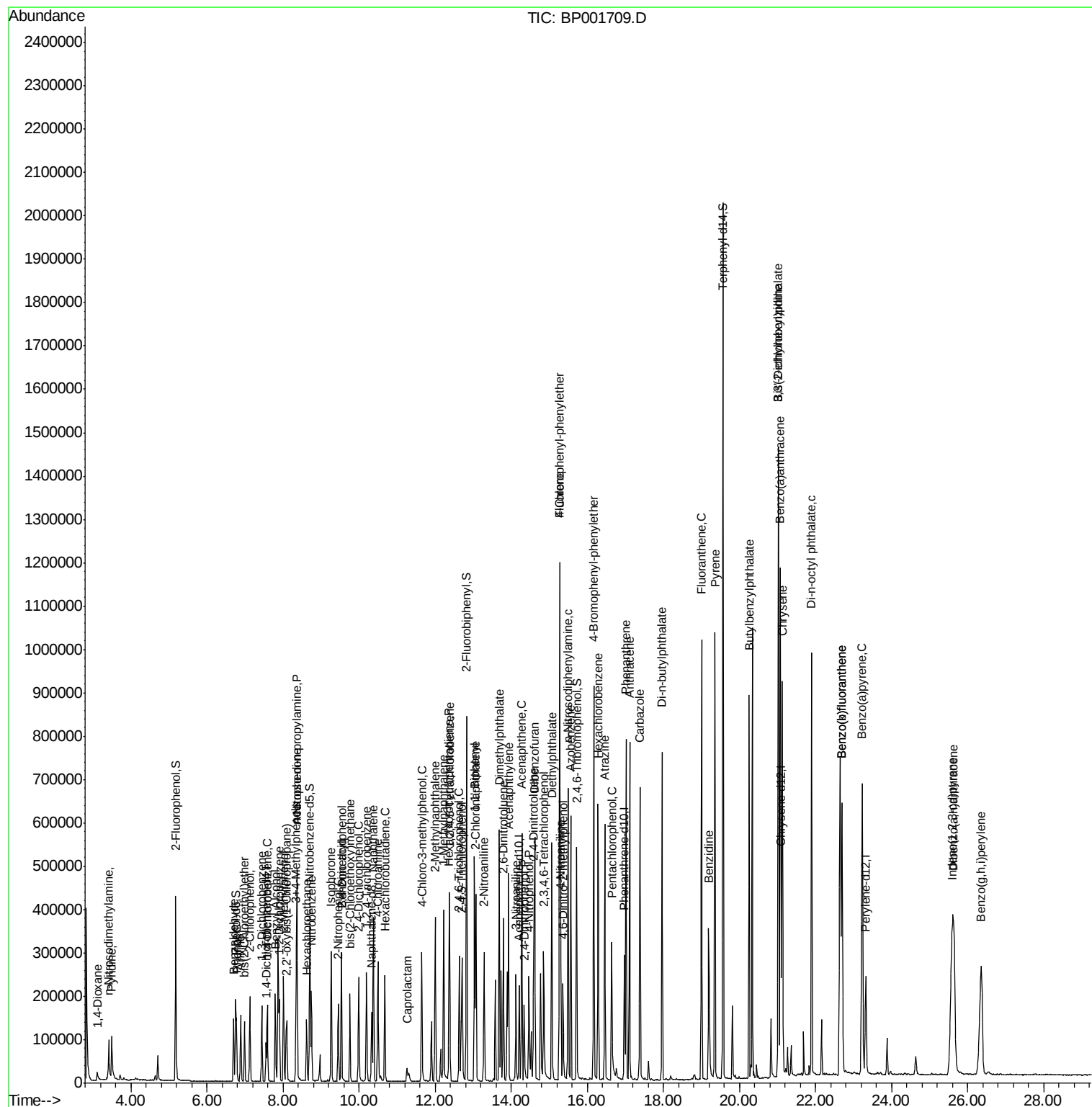
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	48574	44.842	nq	98
43) 2,4,6-Trichlorophenol	12.63	196	60632	44.024	nq	98
44) 2,4,5-Trichlorophenol	12.70	196	68031	46.485	nq	97
46) 1,1'-Biphenyl	13.03	154	219085	49.044	nq	99
47) 2-Chloronaphthalene	13.07	162	175862	47.368	nq	97
48) 2-Nitroaniline	13.29	65	80766	55.371	nq	93
49) Acenaphthylene	13.93	152	292392	51.065	nq	98
50) Dimethylphthalate	13.68	163	296314	57.710	nq	99
51) 2,6-Dinitrotoluene	13.79	165	54520	50.072	nq	86
52) Acenaphthene	14.27	154	170569	48.099	nq	98
53) 3-Nitroaniline	14.12	138	41481	36.083	nq	100
54) 2,4-Dinitrophenol	14.34	184	30485	49.795	nq #	81
55) Dibenzofuran	14.62	168	295070	49.205	nq	99
56) 4-Nitrophenol	14.46	139	41665	45.387	nq #	83
57) 2,4-Dinitrotoluene	14.59	165	78923	49.539	nq #	91
58) Fluorene	15.27	166	245848	50.664	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	60421	39.981	nq	96
60) Diethylphthalate	15.06	149	252587	47.830	nq	99
61) 4-Chlorophenyl-phenylether	15.27	204	134057	48.271	nq	98
62) 4-Nitroaniline	15.30	138	55699	42.496	nq	93
63) Azobenzene	15.57	77	292228	55.380	nq	94
65) 4,6-Dinitro-2-methylphenol	15.36	198	36808	43.410	nq	83
66) n-Nitrosodiphenylamine	15.49	169	216311	52.062	nq	100
67) 4-Bromophenyl-phenylether	16.17	248	130518	73.770	nq	97
68) Hexachlorobenzene	16.29	284	120480	58.610	nq	97
69) Atrazine	16.46	200	93546	61.305	nq	97
70) Pentachlorophenol	16.64	266	66653	58.714	nq	99
71) Phenanthrene	17.02	178	423626	49.669	nq	99
72) Anthracene	17.11	178	432162	52.049	nq	100
73) Carbazole	17.39	167	385106	49.403	nq	98
74) Di-n-butylphthalate	17.97	149	455569	49.397	nq	99
75) Fluoranthene	19.00	202	560530	49.946	nq	100
77) Benzidine	19.19	184	253794	66.727	nq	98
78) Pyrene	19.36	202	575245	47.012	nq	100
80) Butylbenzylphthalate	20.26	149	218113	46.900	nq	99
81) Benzo(a)anthracene	21.07	228	589350	50.802	nq	98
82) 3,3'-Dichlorobenzidine	21.02	252	196282	45.120	nq	98
83) Chrysene	21.13	228	565748	50.042	nq	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	320541	50.278	nq	97
85) Di-n-octyl phthalate	21.90	149	550616	54.165	nq	94
86) Indeno(1,2,3-cd)pyrene	25.59	276	637490	48.171	nq #	94
88) Benzo(b)fluoranthene	22.70	252	590443	48.937	nq	99
89) Benzo(k)fluoranthene	22.70	252	590443	50.191	nq	98
90) Benzo(a)pyrene	23.23	252	559786	48.865	nq #	99
91) Dibenzo(a,h)anthracene	25.63	278	541947	45.851	nq	99
92) Benzo(g,h,i)perylene	26.36	276	526210	44.783	nq #	97

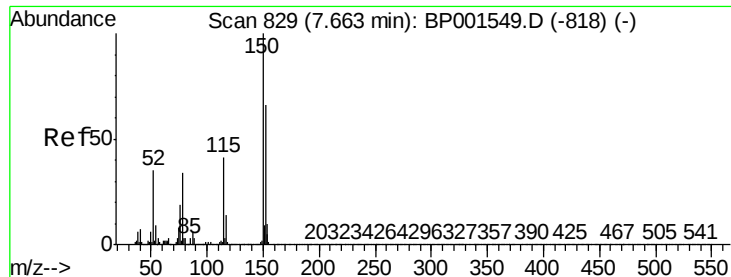
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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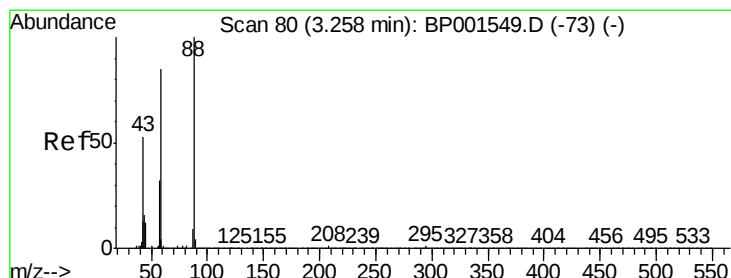
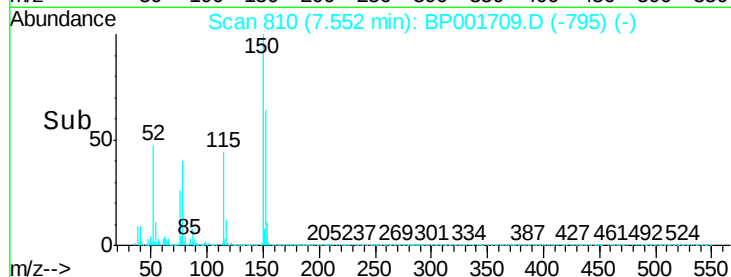
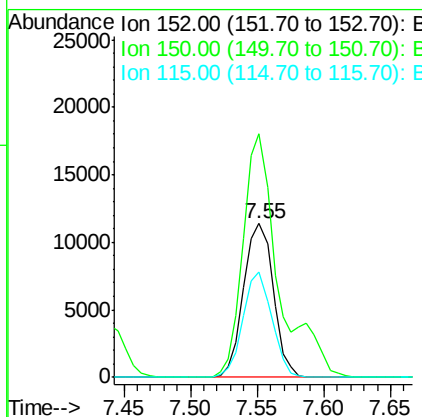
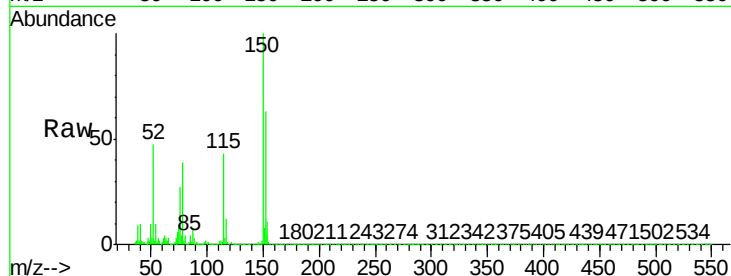


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Instrument :
BNA_P
ClientSampled :

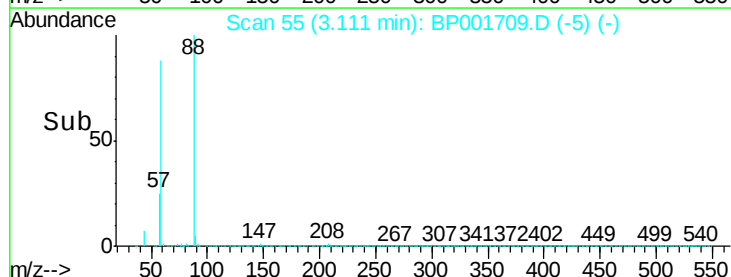
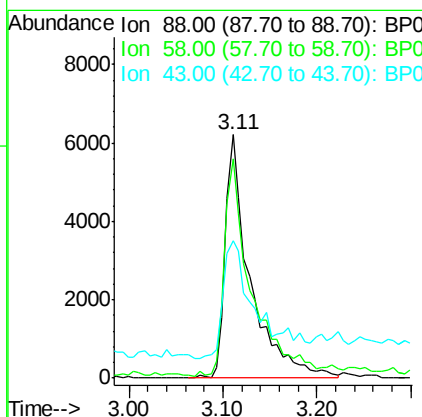
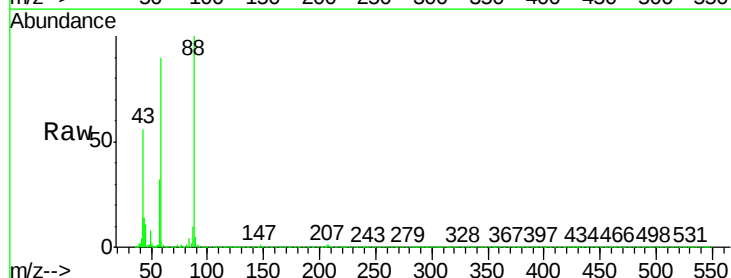
Tot Ion	152	Resp	17633
Ion Ratio	Lower	Upper	
152	100		
150	158.7	122.0	183.0
115	68.4	50.7	76.1

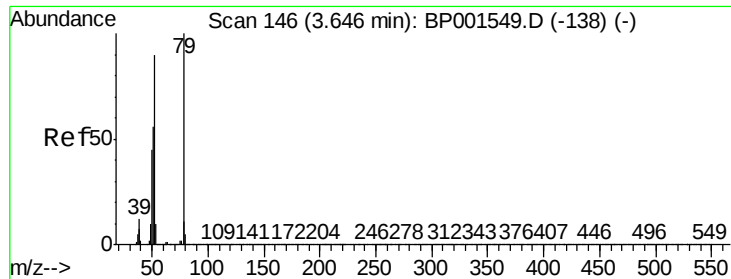


#2

1,4-Dioxane
Concen: 39.757 ng
RT: 3.11 min Scan# 55
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion	88	Resp	11421
Ion Ratio	Lower	Upper	
88	100		
58	97.5	69.5	104.3
43	55.7	40.3	60.5





#3

Pvridine

Concen: 50.164 ng

RT: 3.49 min Scan# 120

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Instrument :

BNA_P

ClientSampleId :

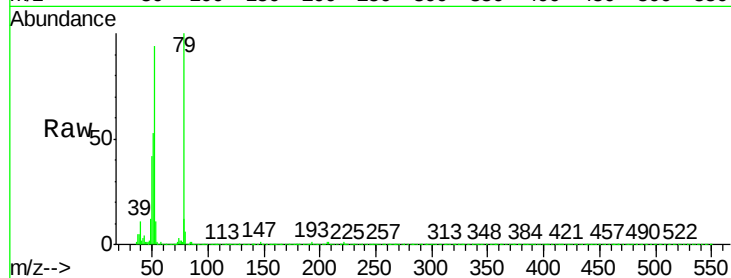
Tot Ion: 79 Resp: 52073

Ion Ratio Lower Upper

79 100

52 94.0 72.1 108.1

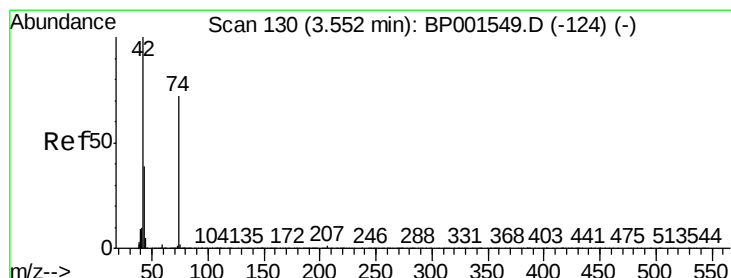
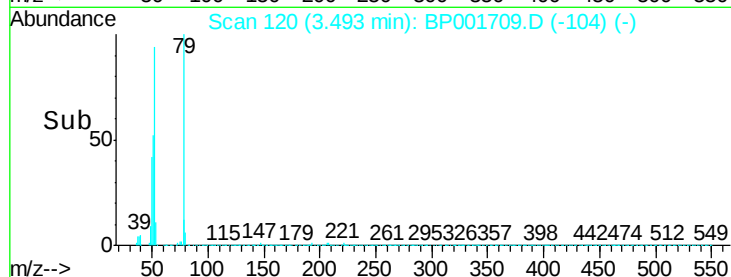
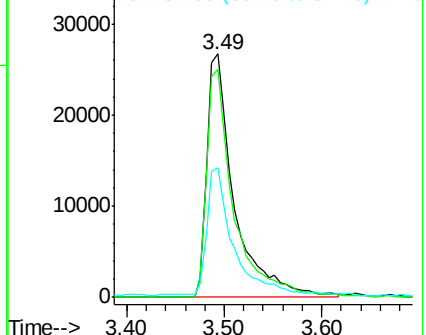
51 53.1 44.8 67.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 71.357 ng

RT: 3.41 min Scan# 106

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

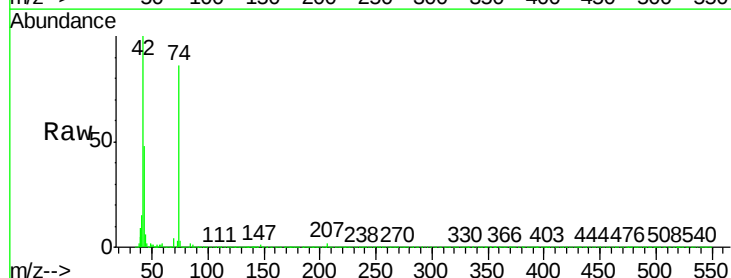
Tgt Ion: 42 Resp: 52499

Ion Ratio Lower Upper

42 100

74 85.6 58.0 87.0

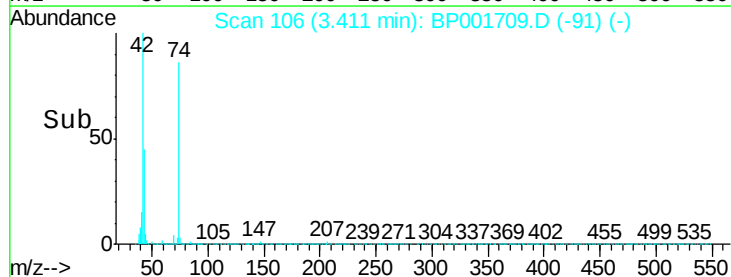
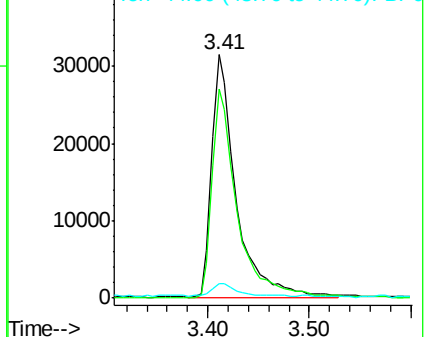
44 6.2 6.7 10.1#

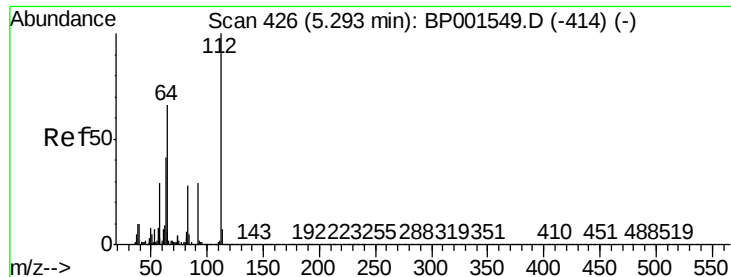


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 169.089 ng

RT: 5.18 min Scan# 406

Delta R.T. -0.01 min

Lab File: BP001709.D

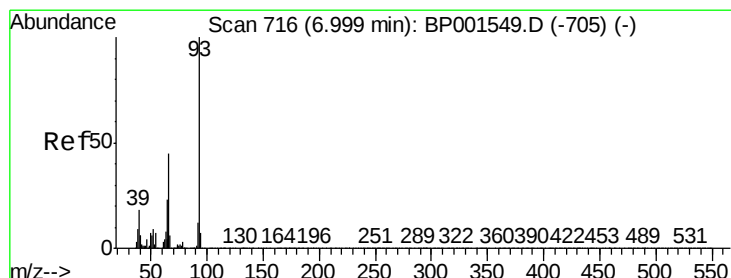
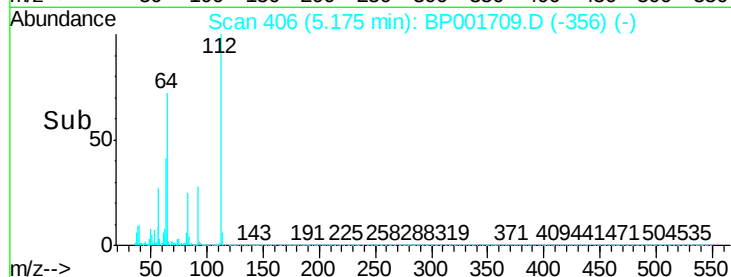
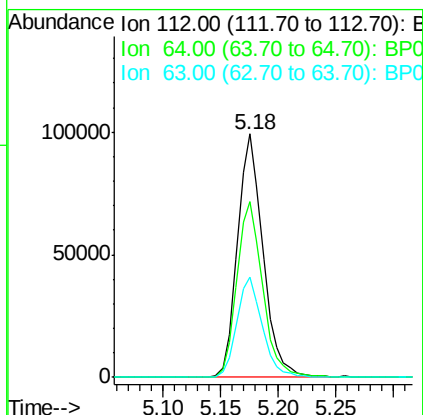
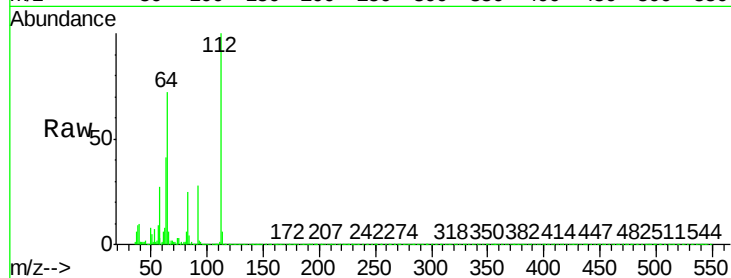
Acq: 28 Jan 2020 16:37

Instrument :

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Tot Ion:	112	Resp:	152205
Ion	Ratio	Lower	Upper
112	100		
64	72.5	52.8	79.2
63	41.0	33.1	49.7



#6

Aniline

Concen: 42.310 ng

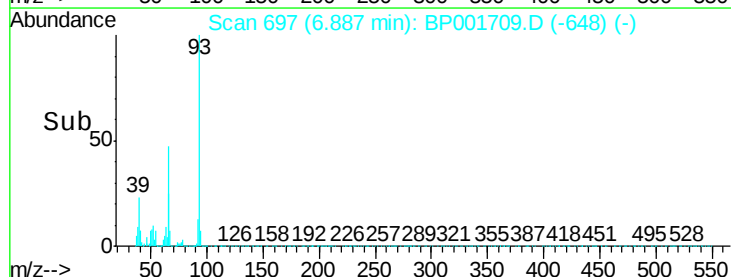
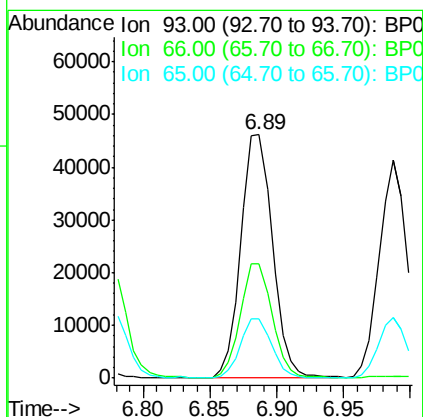
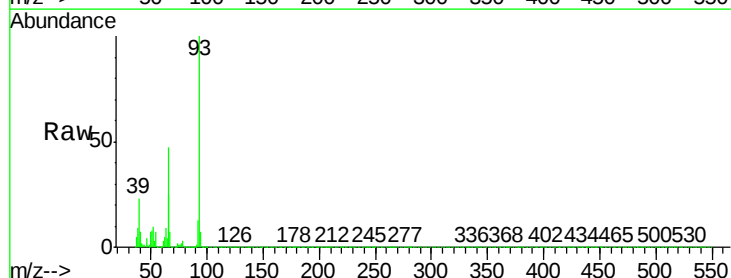
RT: 6.89 min Scan# 697

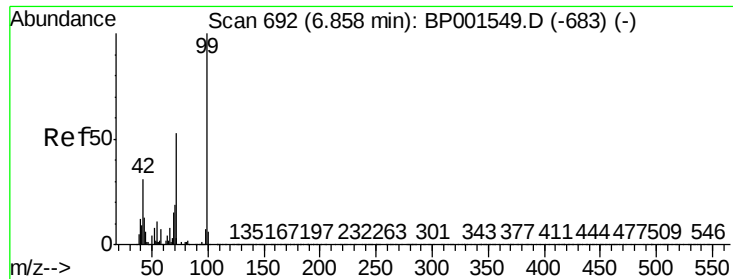
Delta R.T. -0.01 min

Lab File: BP001709.D

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Tgt Ion:	93	Resp:	76107
Ion	Ratio	Lower	Upper
93	100		
66	47.2	36.4	54.6
65	24.6	18.5	27.7





#7

Phenol-d6

Concen: 52.362 ng

RT: 6.75 min Scan# 674

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Instrument :

BNA_P

ClientSampleId :

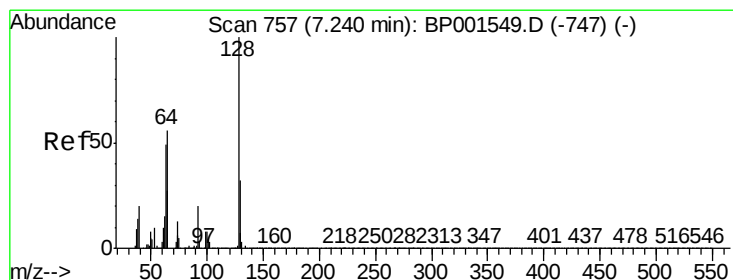
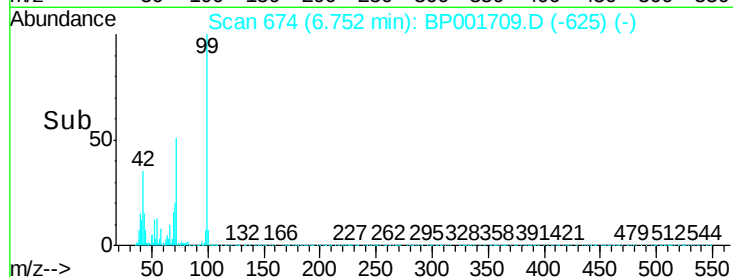
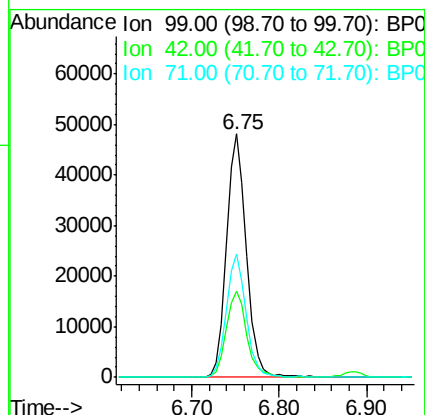
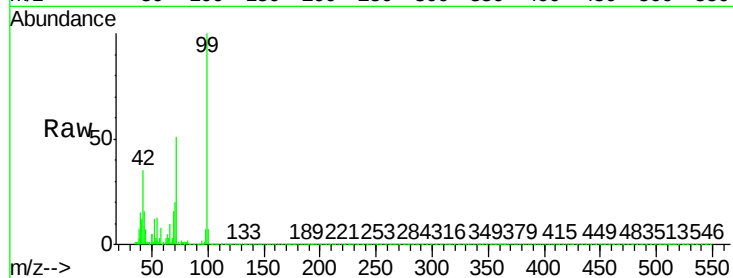
Tot Ion: 99 Resp: 75328

Ion Ratio Lower Upper

99 100

42 35.3 24.5 36.7

71 50.7 42.4 63.6



#8

2-Chlorophenol

Concen: 55.616 ng

RT: 7.12 min Scan# 737

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

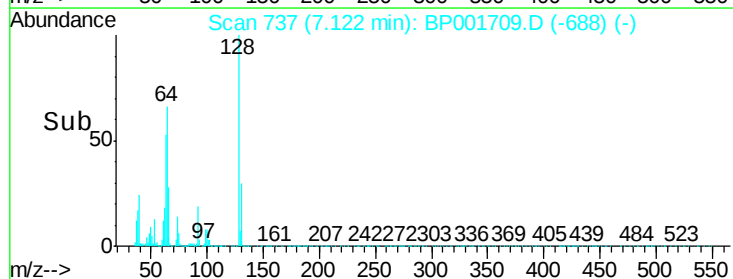
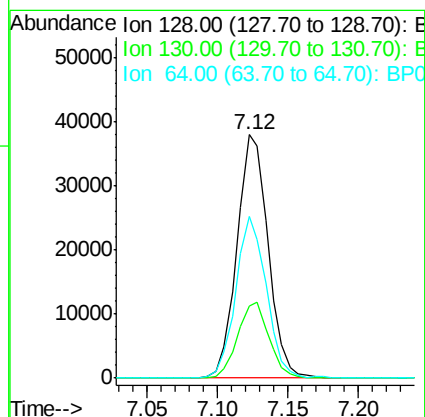
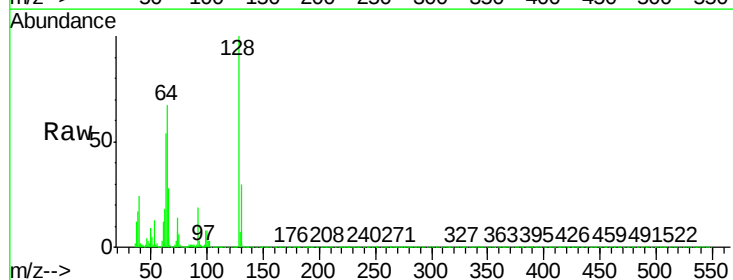
Tgt Ion: 128 Resp: 58447

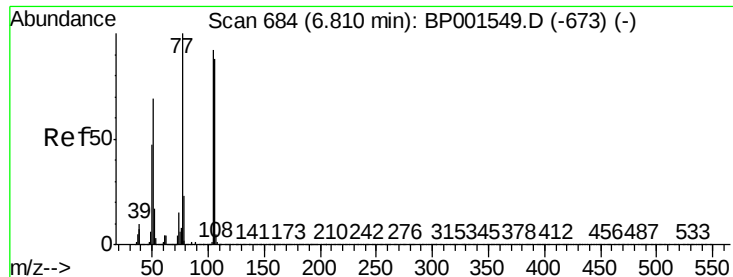
Ion Ratio Lower Upper

128 100

130 29.7 11.8 51.8

64 66.5 37.2 77.2





#9

Benzaldehyde

Concen: 49.263 ng

RT: 6.70 min Scan# 665

Delta R.T. -0.01 min

Lab File: BP001709.D

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ClientSampleId :

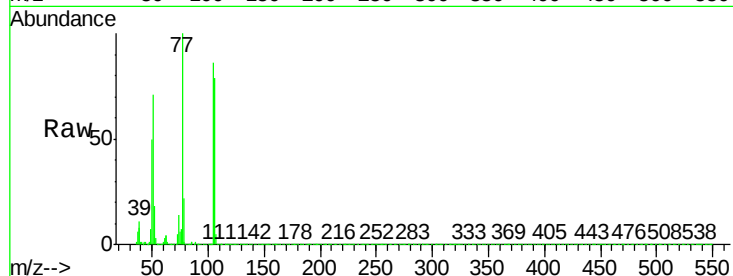
Tot Ion: 77 Resp: 42331

Ion Ratio Lower Upper

77 100

105 85.6 71.6 111.6

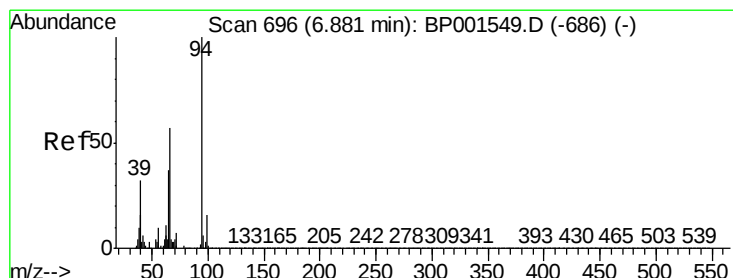
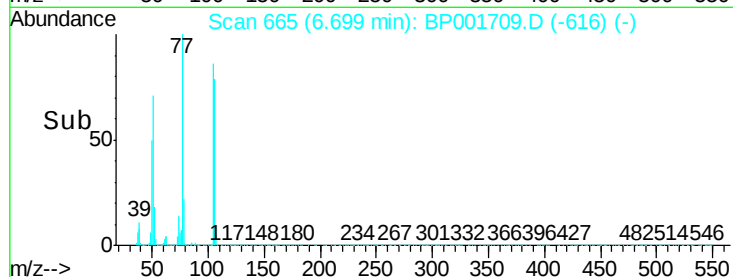
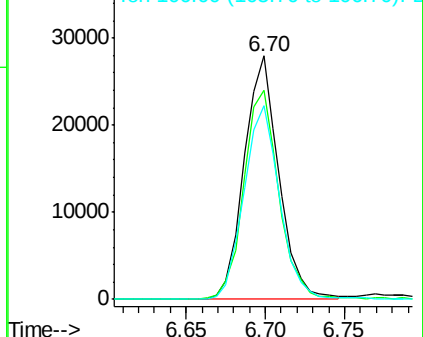
106 79.4 67.7 107.7



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): BP0

Ion 106.00 (105.70 to 106.70): BP0



#10

Phenol

Concen: 35.130 ng

RT: 6.78 min Scan# 678

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

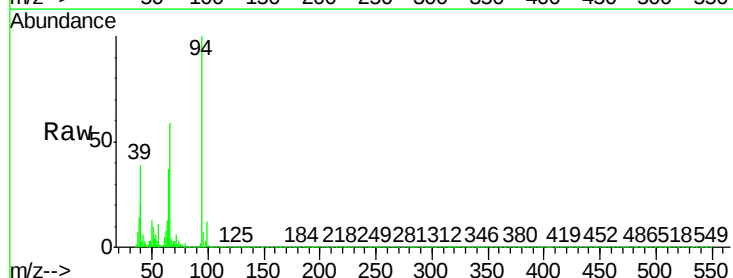
Tgt Ion: 94 Resp: 52279

Ion Ratio Lower Upper

94 100

65 36.6 17.5 57.5

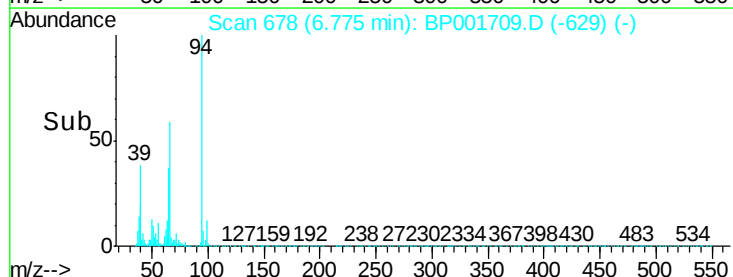
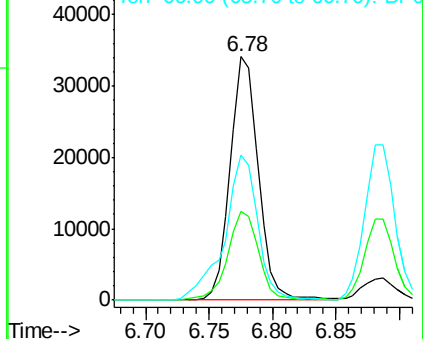
66 59.3 36.7 76.7

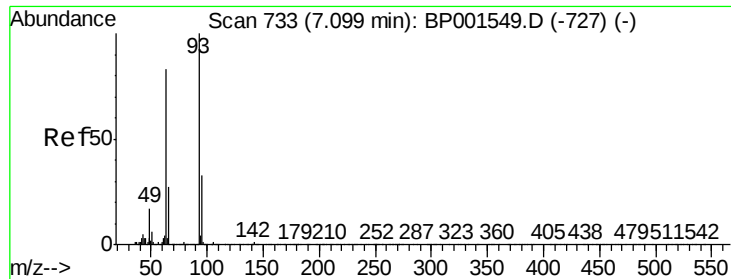


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

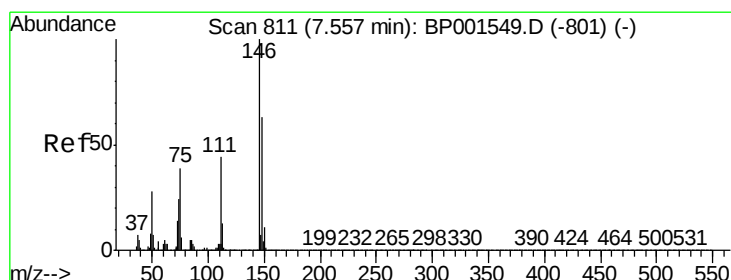
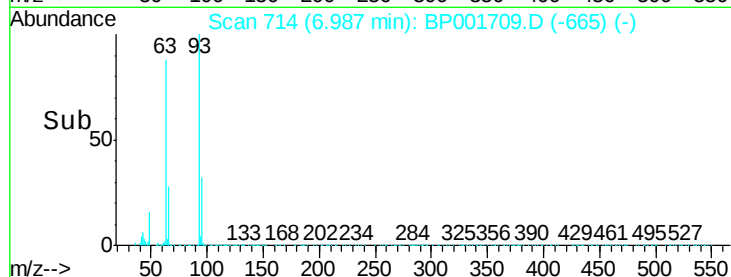
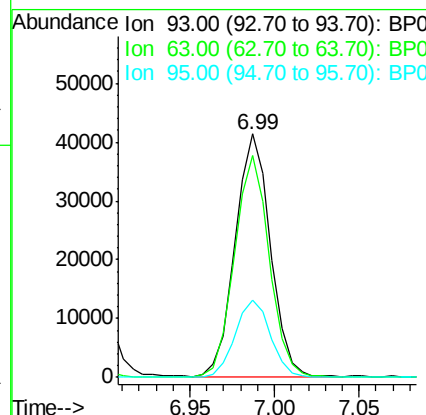
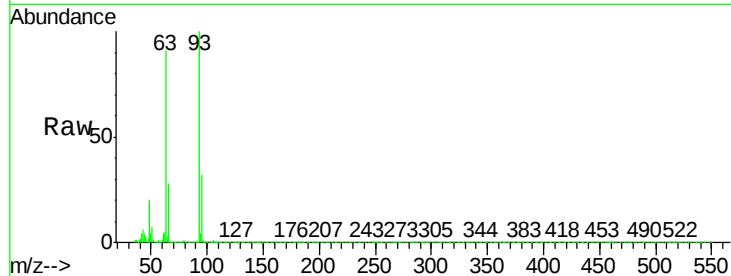




#11
bis(2-Chloroethyl)ether
Concen: 51.200 ng
RT: 6.99 min Scan# 714
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

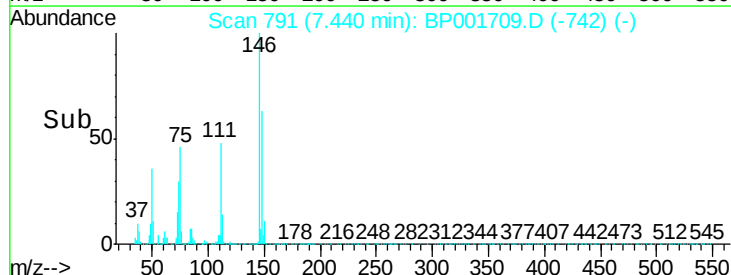
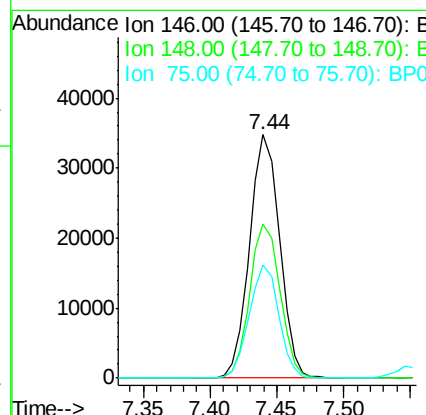
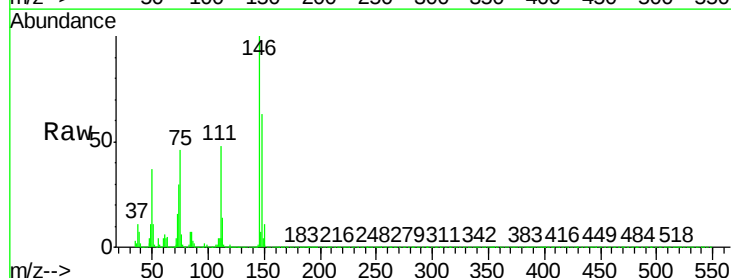
Instrument :
BNA_P
ClientSampled :

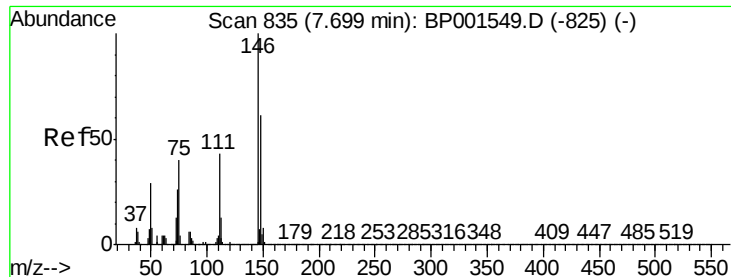
Tot Ion	Ratio	Lower	Upper
93	100		
63	91.3	63.2	103.2
95	31.8	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 40.886 ng
RT: 7.44 min Scan# 791
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.2	75.2
75	46.4	31.1	46.7

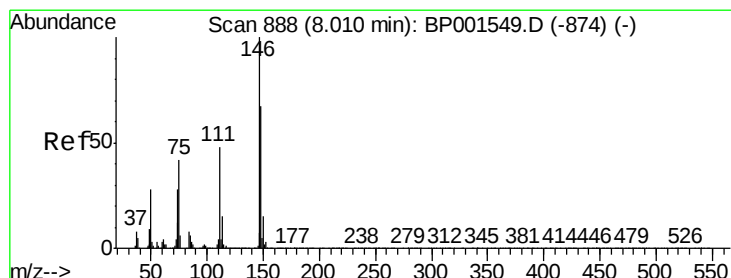
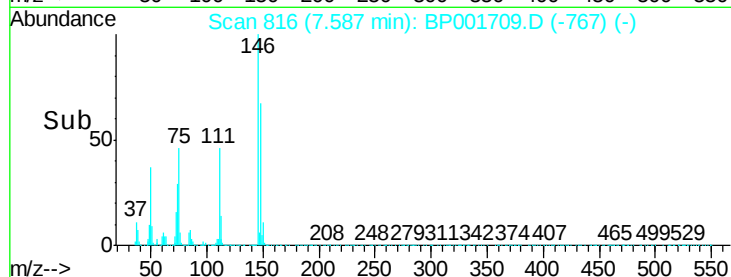
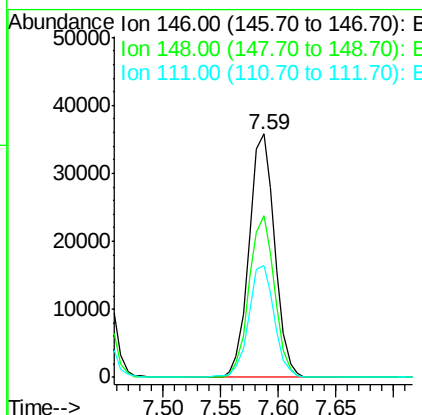
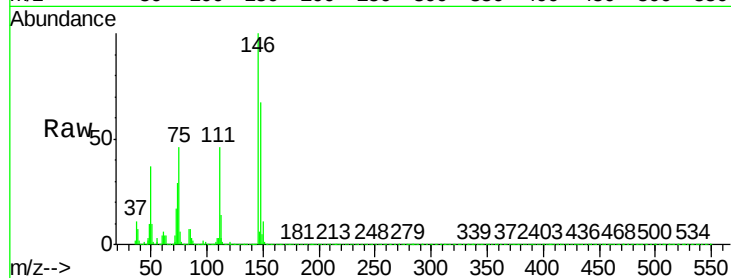




#13
 1,4-Dichlorobenzene
 Concen: 40.484 ng
 RT: 7.59 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BP001709.D
 Acq: 28 Jan 2020 16:37

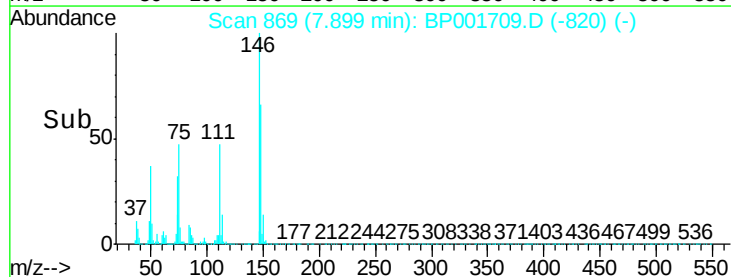
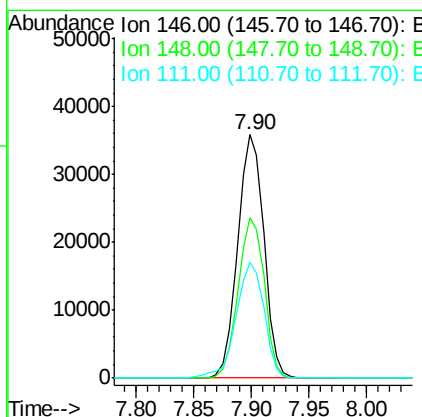
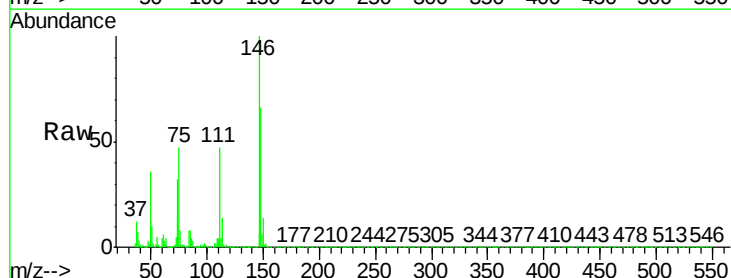
Instrument :
 BNA_P
 ClientSampleId :

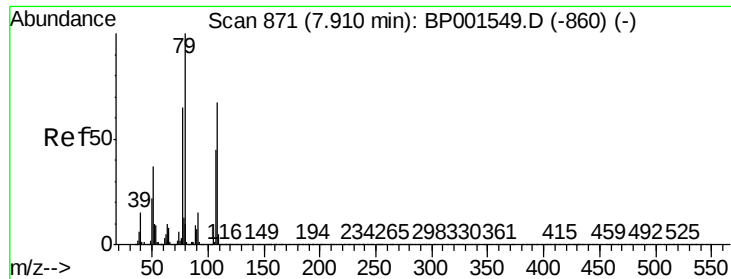
Tot Ion:146 Resp: 55298
 Ion Ratio Lower Upper
 146 100
 148 66.6 48.6 73.0
 111 45.8 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 42.611 ng
 RT: 7.90 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BP001709.D
 Acq: 28 Jan 2020 16:37

Tgt Ion:146 Resp: 56248
 Ion Ratio Lower Upper
 146 100
 148 65.7 53.9 80.9
 111 47.5 38.2 57.4





#15

Benzyl Alcohol

Concen: 47.485 ng

RT: 7.80 min Scan# 852

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Instrument :

BNA_P

ClientSampleId :

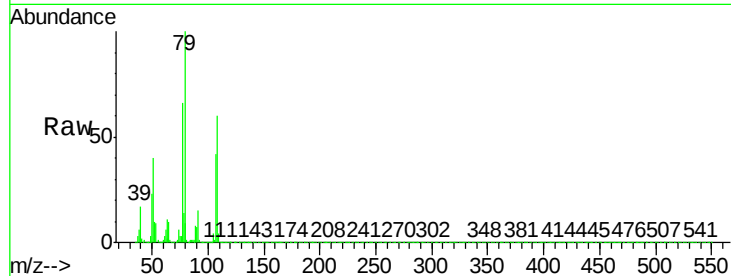
Tot Ion: 79 Resp: 64332

Ion Ratio Lower Upper

79 100

108 60.3 53.2 79.8

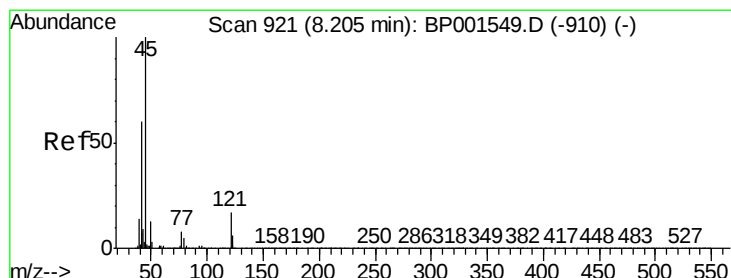
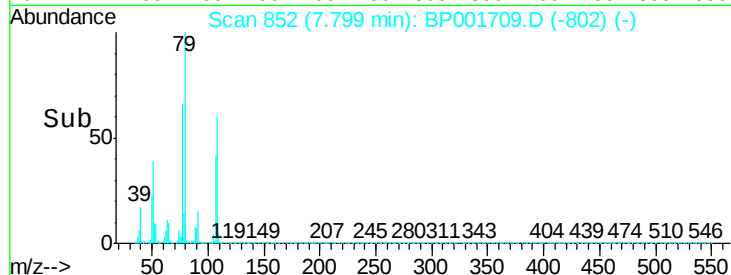
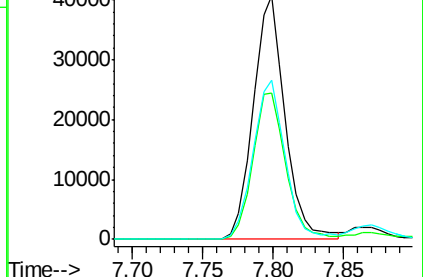
77 65.5 52.1 78.1



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): BP0

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.407 ng

RT: 8.09 min Scan# 902

Delta R.T. -0.00 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

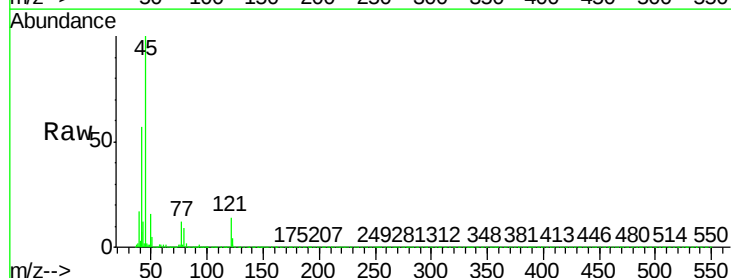
Tgt Ion: 45 Resp: 117967

Ion Ratio Lower Upper

45 100

77 12.3 0.0 32.6

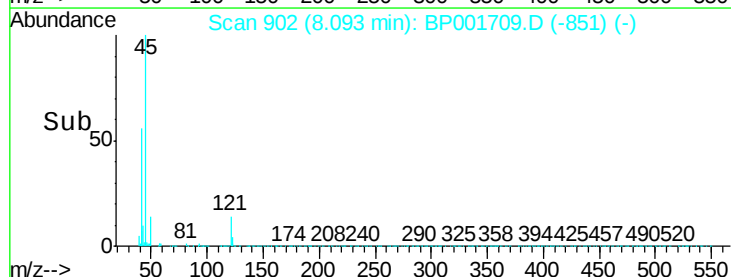
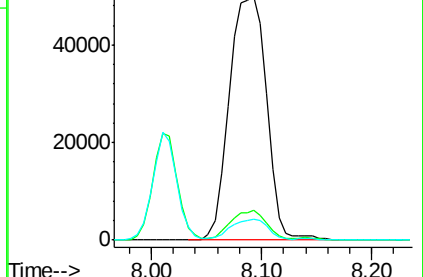
79 8.7 0.0 29.3

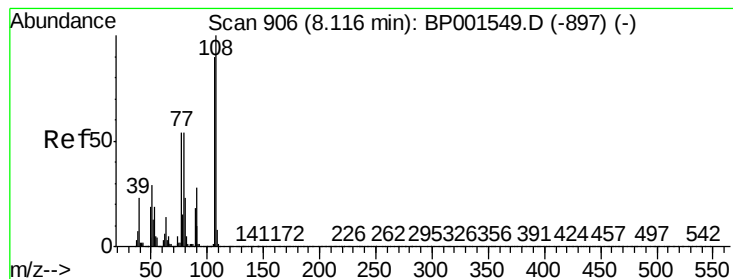


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

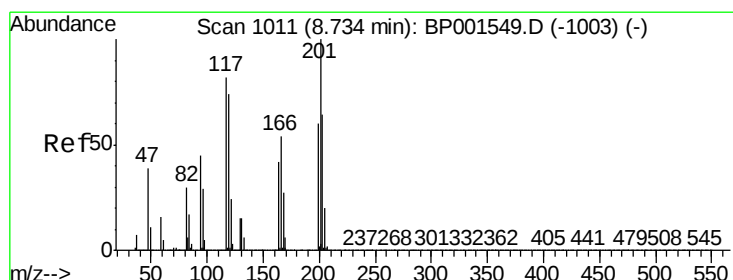
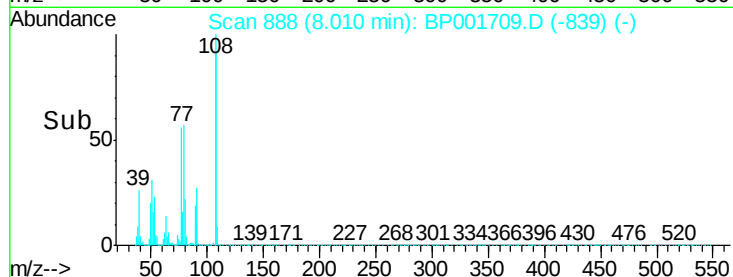
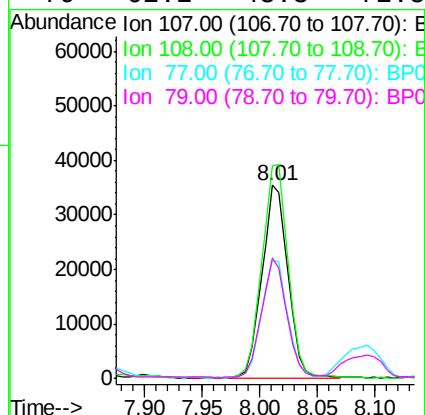
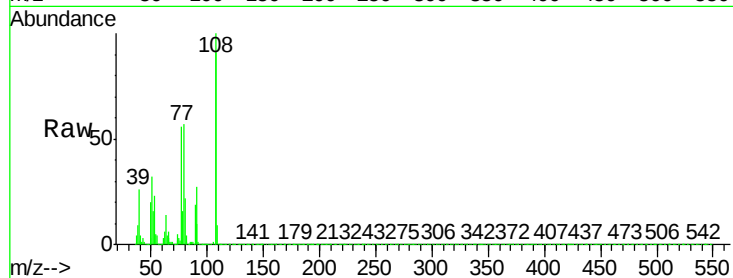




#17
2-Methylphenol
Concen: 54.129 ng
RT: 8.01 min Scan# 888
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

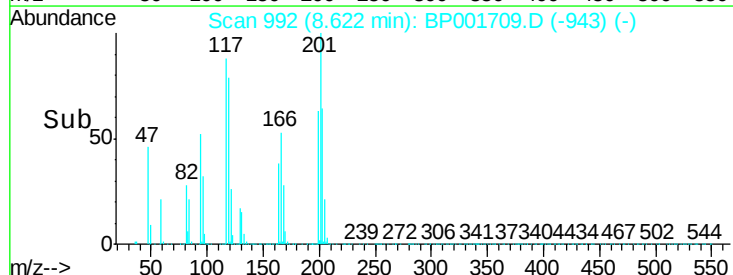
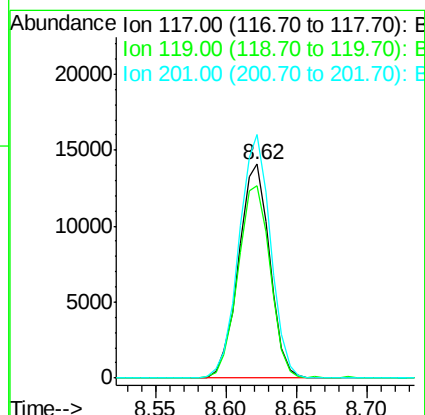
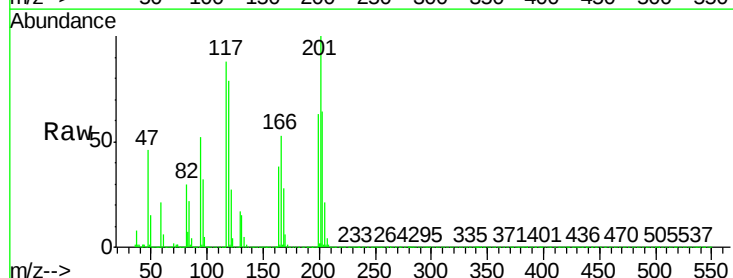
Instrument :
BNA_P
ClientSampleId :

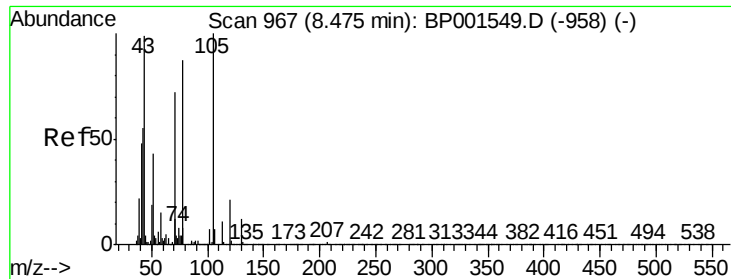
Tot Ion:	107	Resp:	55929
Ion	Ratio	Lower	Upper
107	100		
108	109.9	89.2	133.8
77	61.2	47.9	71.9
79	62.2	48.3	72.5



#18
Hexachloroethane
Concen: 40.621 ng
RT: 8.62 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion:	117	Resp:	21661
Ion	Ratio	Lower	Upper
117	100		
119	90.0	71.8	107.8
201	115.8	97.6	146.4

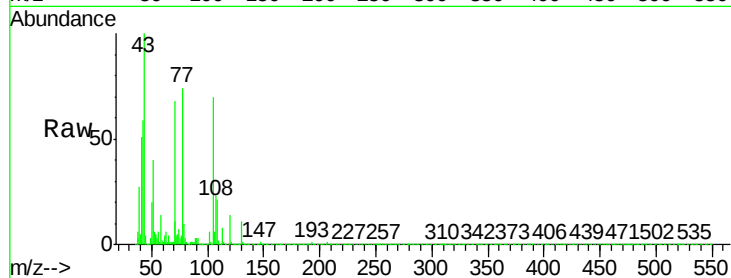




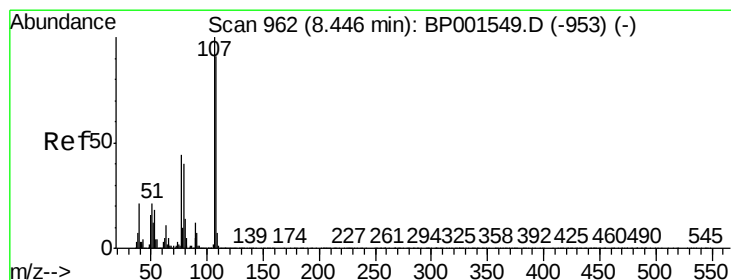
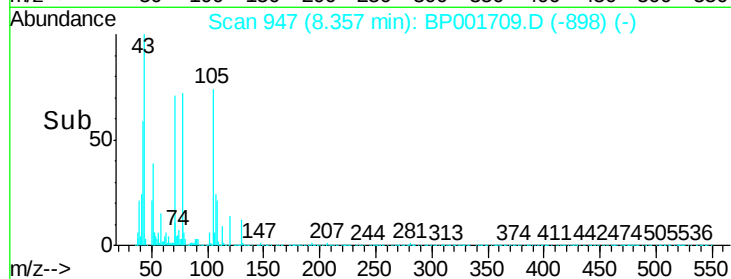
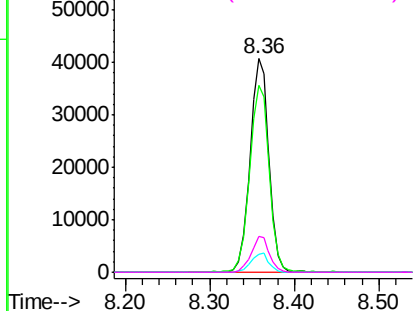
#19
n-Nitroso-di-n-propylamine
Concen: 57.686 ng
RT: 8.36 min Scan# 947
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	63270
Ion	Ratio	Lower	Upper
70	100		
42	87.5	62.3	93.5
101	8.2	7.3	10.9
130	16.8	13.9	20.9

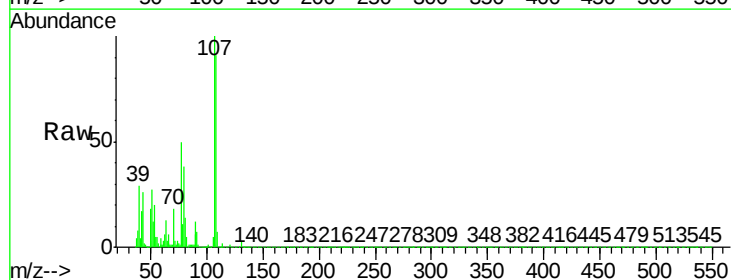


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

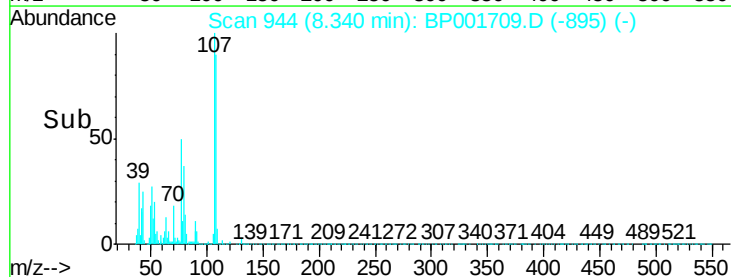
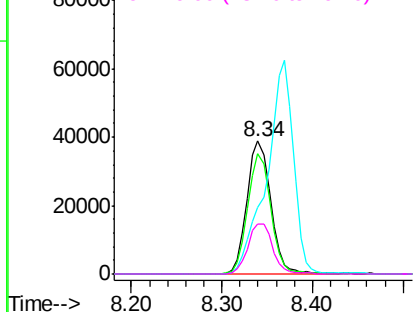


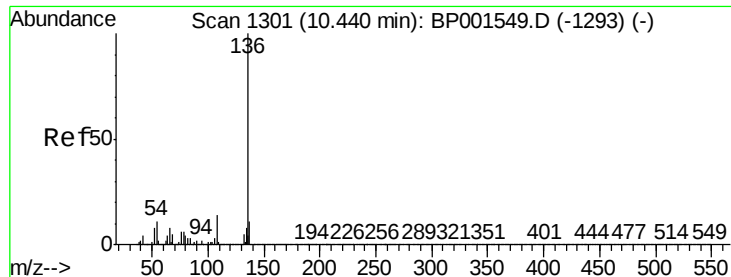
#20
3+4-Methylphenols
Concen: 49.233 ng
RT: 8.34 min Scan# 944
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion:	107	Resp:	71155
Ion	Ratio	Lower	Upper
107	100		
108	90.6	71.2	111.2
77	50.5	24.4	64.4
79	37.8	19.5	59.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 110629

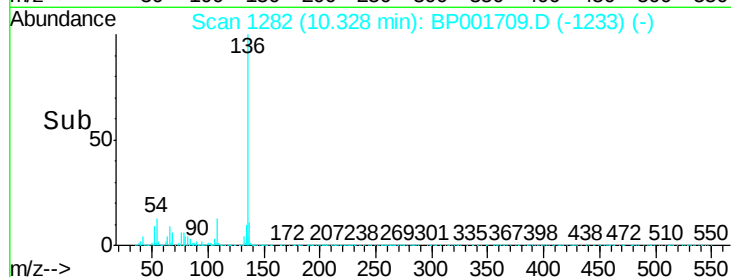
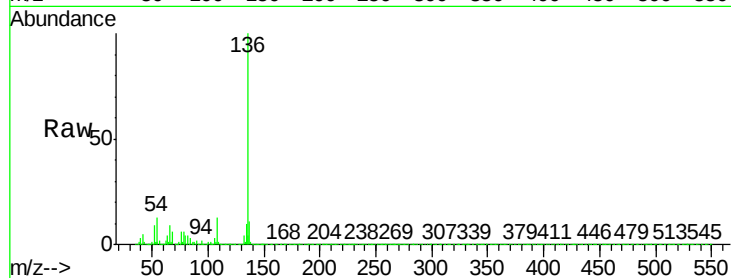
Ion Ratio Lower Upper

136 100

137 11.5 8.6 12.8

54 12.8 9.2 13.8

68 6.0 4.1 6.1

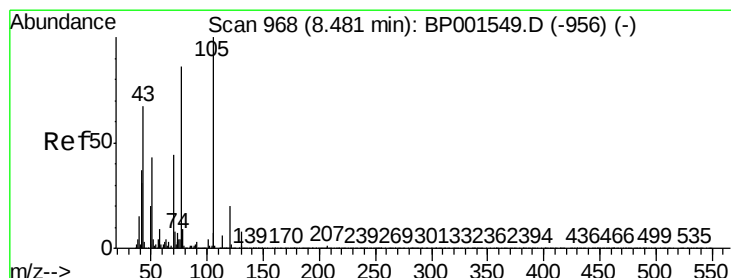
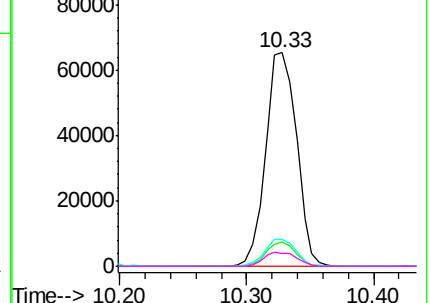


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 34.908 ng

RT: 8.37 min Scan# 949

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Tgt Ion:105 Resp: 108257

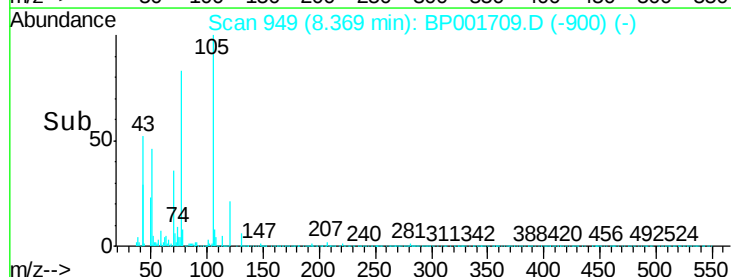
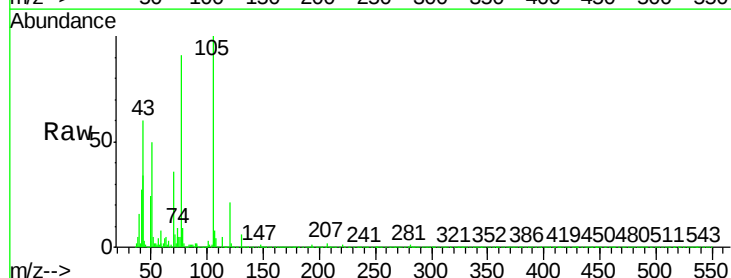
Ion Ratio Lower Upper

105 100

71 6.2 6.6 10.0#

51 50.0 34.1 51.1

120 21.1 16.1 24.1

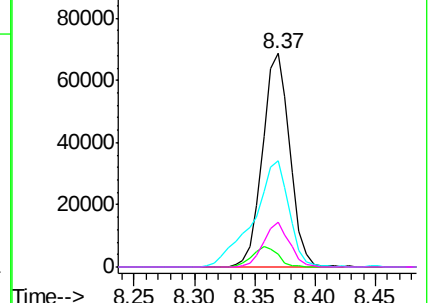


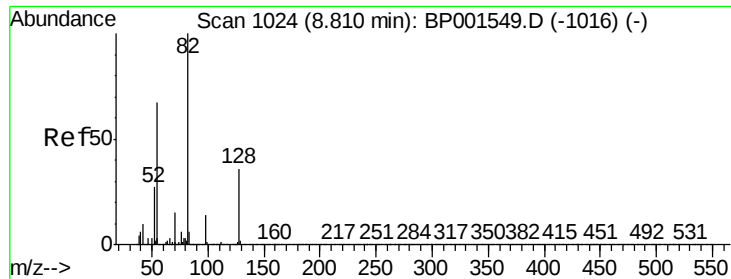
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

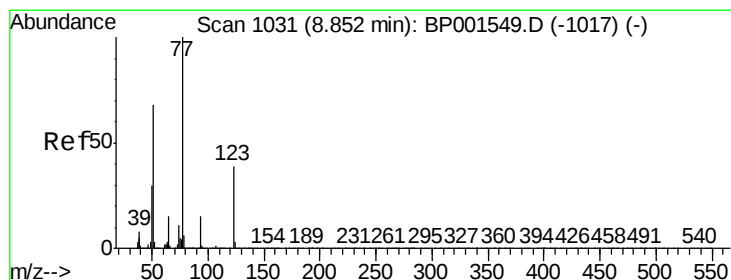
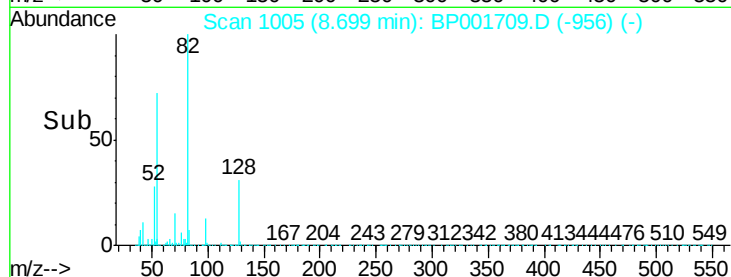
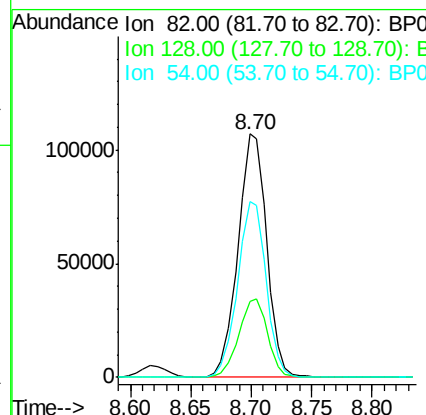
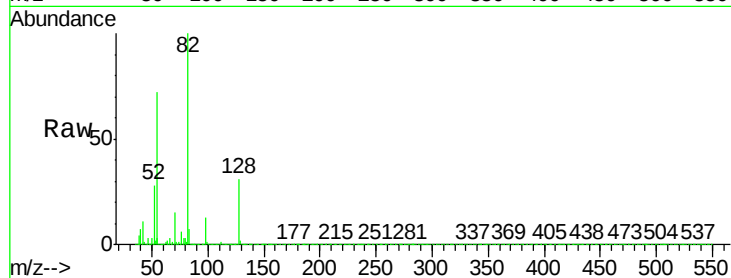




#23
 Nitrobenzene-d5
 Concen: 69.959 ng
 RT: 8.70 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BP001709.D
 Acq: 28 Jan 2020 16:37

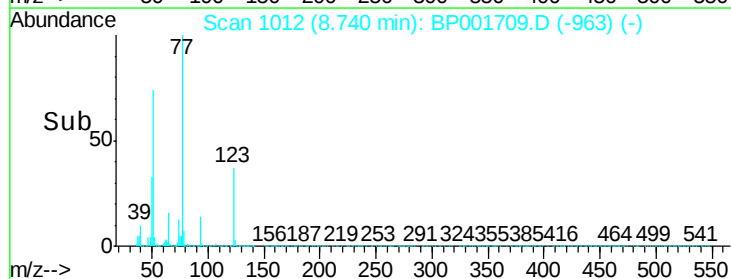
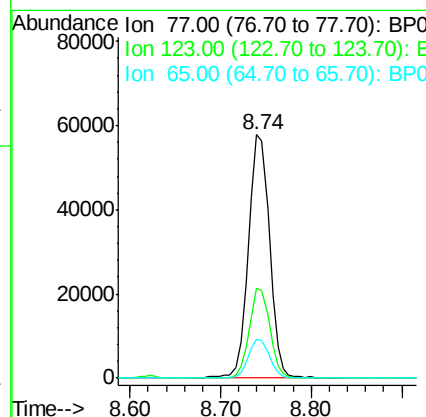
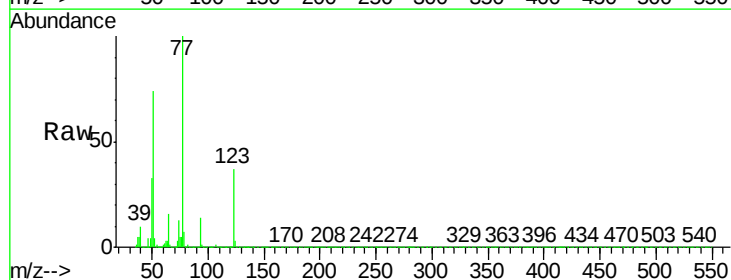
Instrument :
 BNA_P
 ClientSampled :

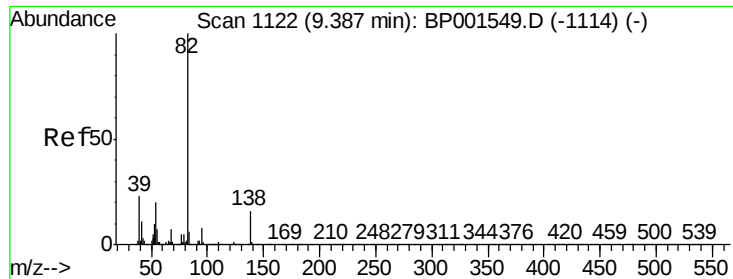
Tot Ion	82	Resp	177116
Ion Ratio	Lower	Upper	
82	100		
128	31.3	28.4	42.6
54	72.3	53.4	80.2



#24
 Nitrobenzene
 Concen: 36.337 ng
 RT: 8.74 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BP001709.D
 Acq: 28 Jan 2020 16:37

Tgt Ion	77	Resp	93068
Ion Ratio	Lower	Upper	
77	100		
123	37.2	31.1	46.7
65	16.1	12.4	18.6

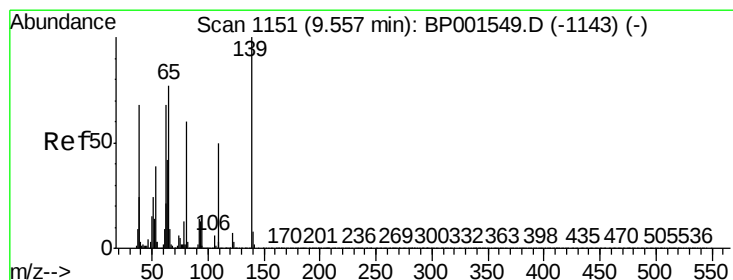
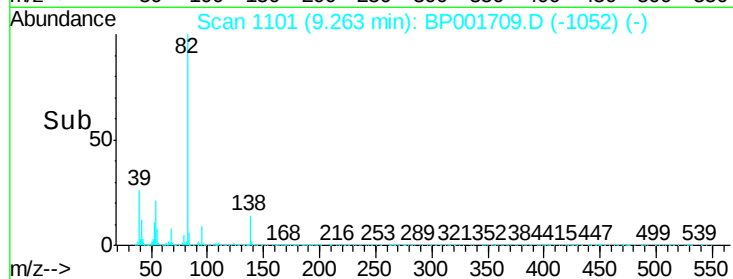
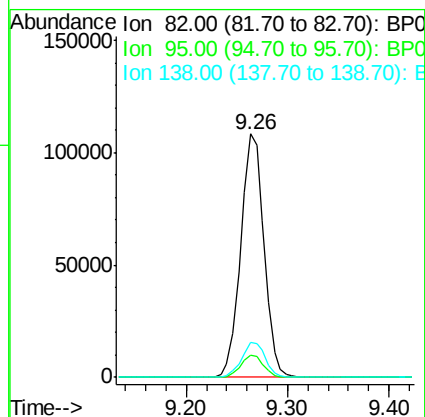
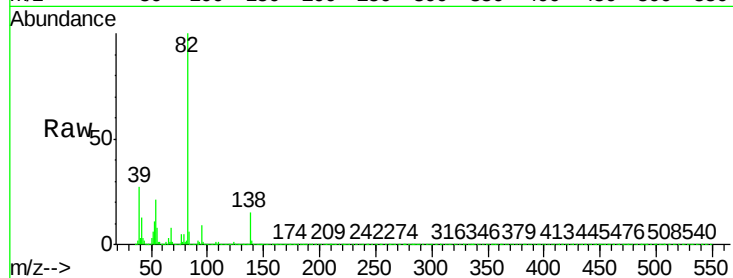




#25
Isophorone
Concen: 37.959 ng
RT: 9.26 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

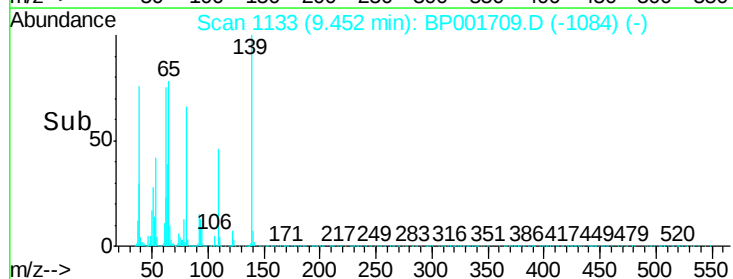
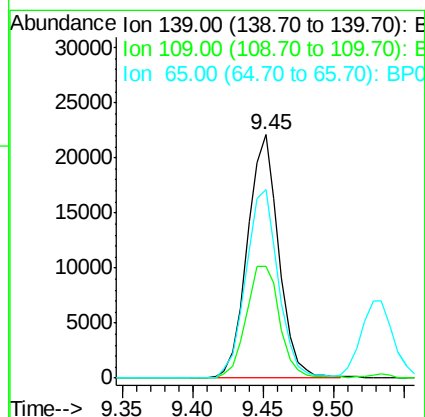
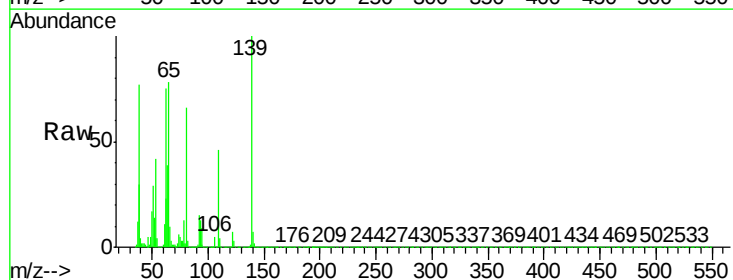
Instrument :
BNA_P
ClientSampleId :

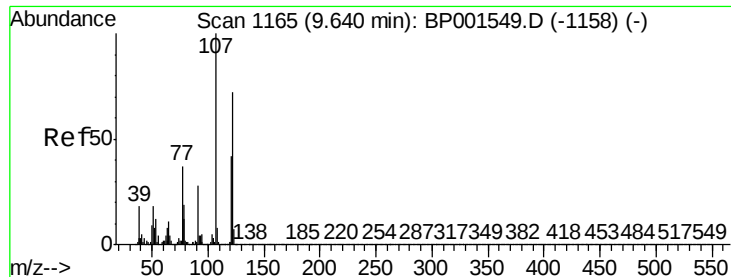
Tot Ion: 82 Resp: 172332
Ion Ratio Lower Upper
82 100
95 8.9 6.7 10.1
138 14.5 12.5 18.7



#26
2-Nitrophenol
Concen: 35.592 ng
RT: 9.45 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion: 139 Resp: 34451
Ion Ratio Lower Upper
139 100
109 46.1 39.6 59.4
65 77.7 61.3 91.9

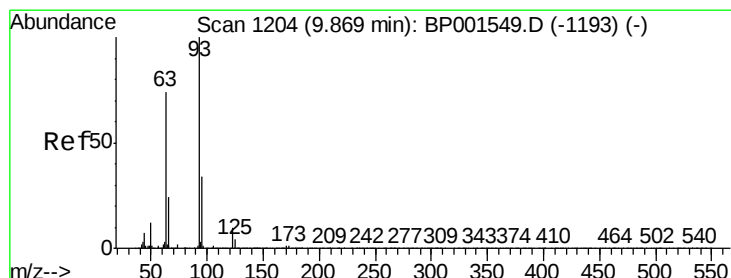
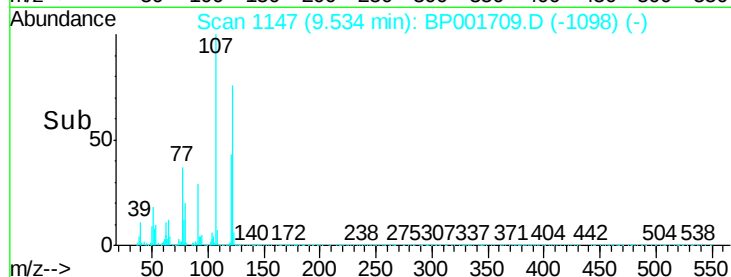
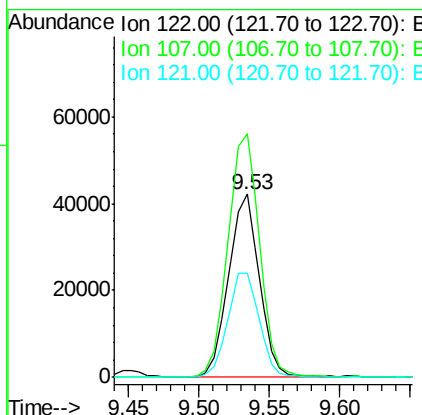
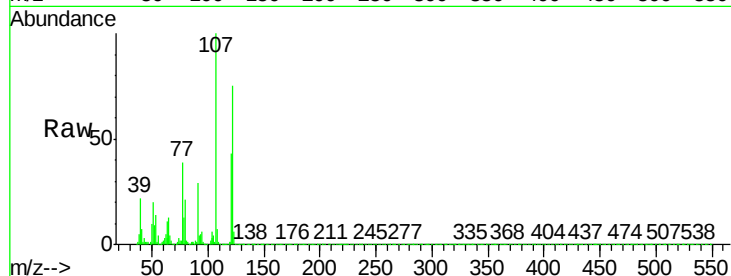




#27
2,4-Dimethylphenol
Concen: 44.370 ng
RT: 9.53 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

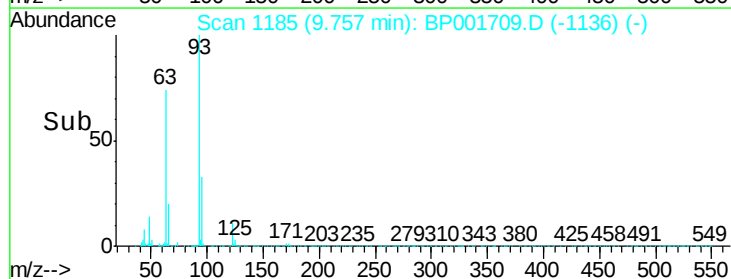
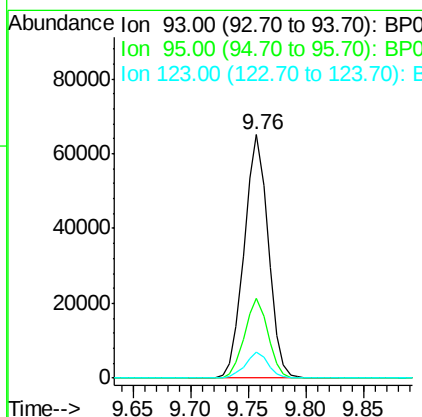
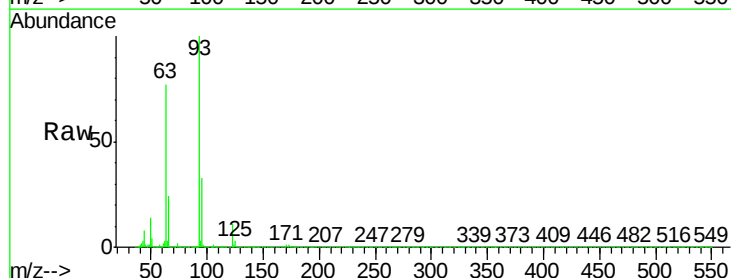
Instrument :
BNA_P
ClientSampleId :

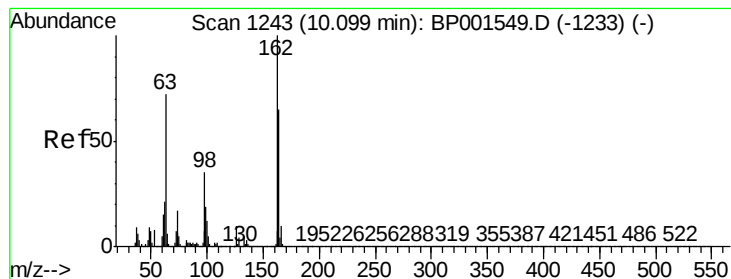
Tot Ion:122 Resp: 64161
Ion Ratio Lower Upper
122 100
107 132.7 111.8 167.6
121 56.6 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 35.634 ng
RT: 9.76 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion: 93 Resp: 94772
Ion Ratio Lower Upper
93 100
95 32.9 26.9 40.3
123 10.8 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 35.029 ng

RT: 9.99 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Instrument :

BNA_P

ClientSampleId :

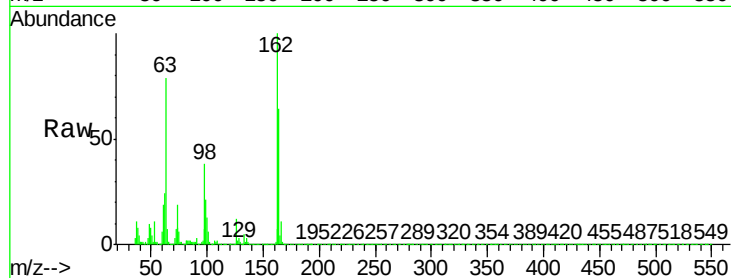
Tot Ion:162 Resp: 69335

Ion Ratio Lower Upper

162 100

164 64.3 44.9 84.9

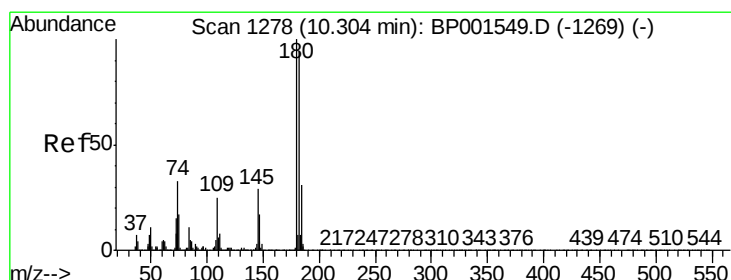
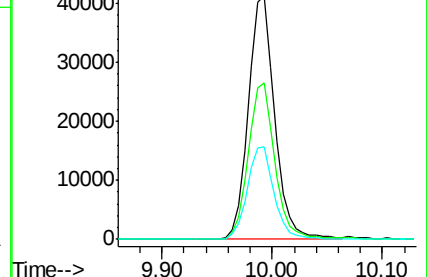
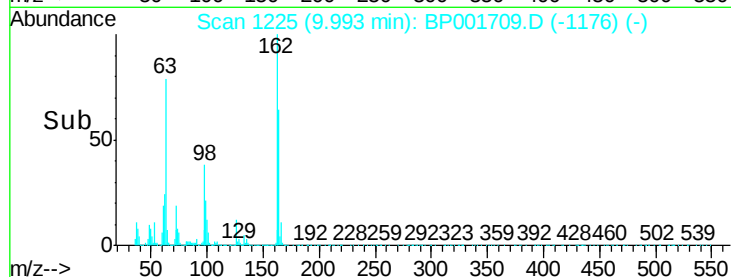
98 38.3 14.9 54.9



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: 29.583 ng

RT: 10.19 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

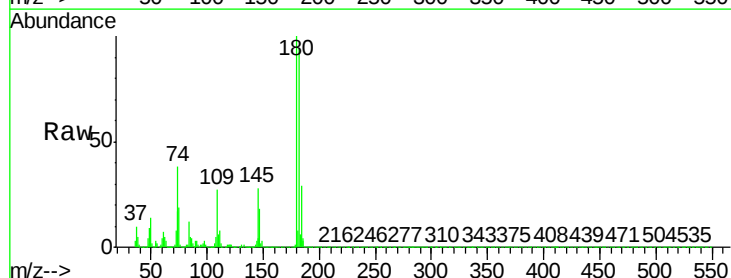
Tgt Ion:180 Resp: 70688

Ion Ratio Lower Upper

180 100

182 93.8 75.2 112.8

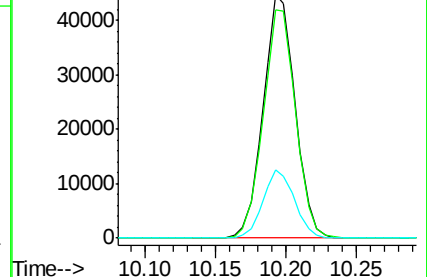
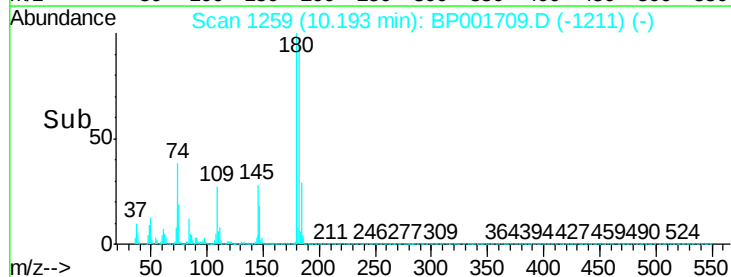
145 28.2 22.9 34.3

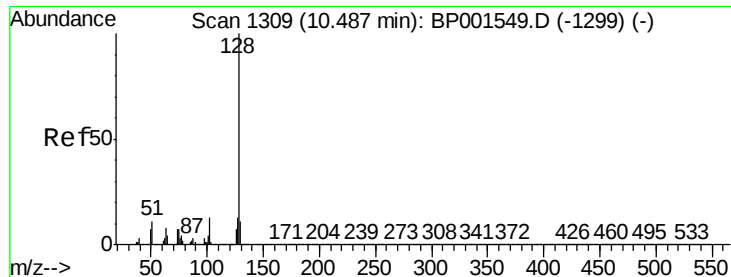


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

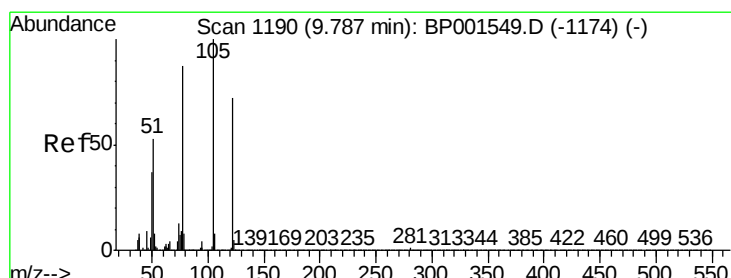
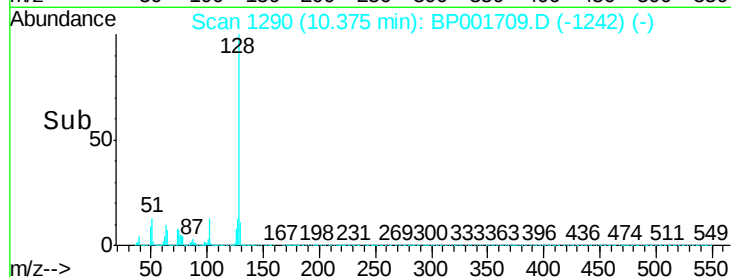
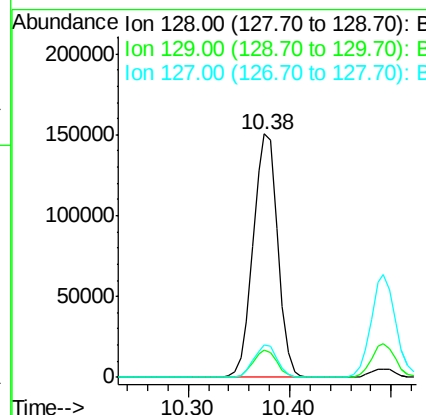
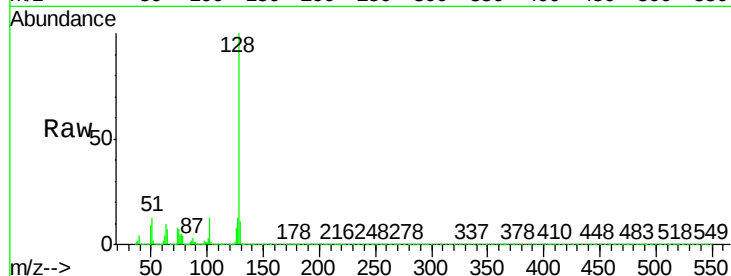




#31
Naphthalene
Concen: 43.095 ng
RT: 10.38 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

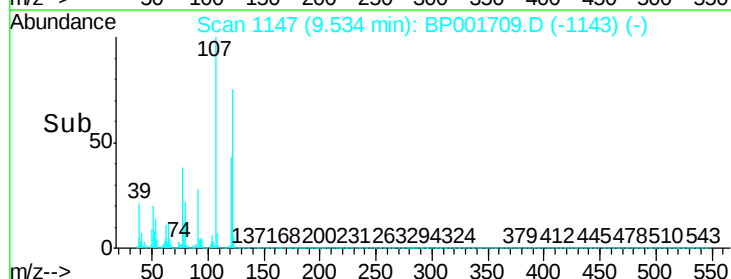
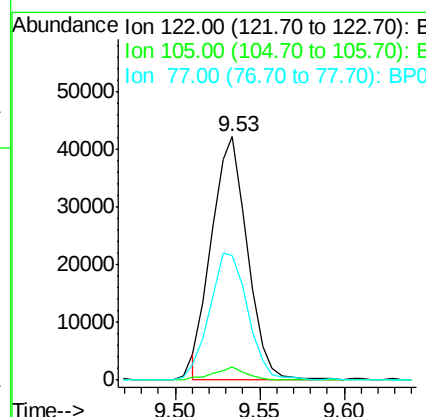
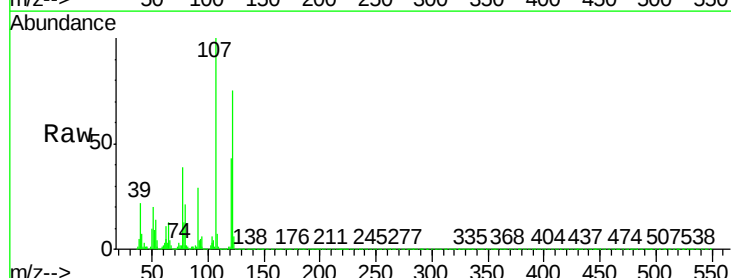
Instrument :
BNA_P
ClientSampleId :

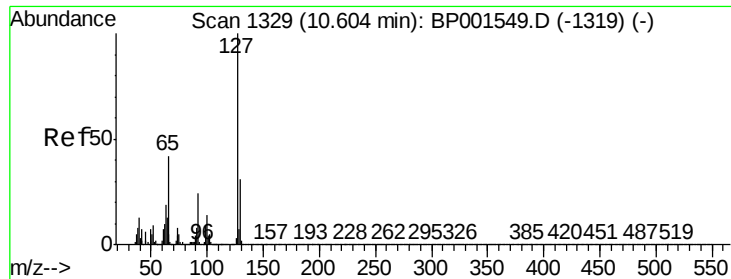
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.9	13.3
127	13.5	10.6	16.0



#32
Benzoic acid
Concen: 47.418 ng
RT: 9.53 min Scan# 1147
Delta R.T. -0.28 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	5.2	119.5	159.5#
77	51.3	102.8	142.8#

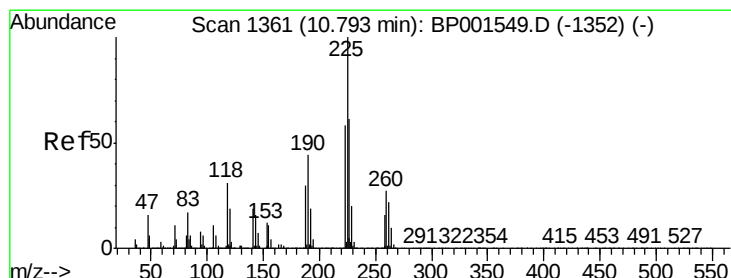
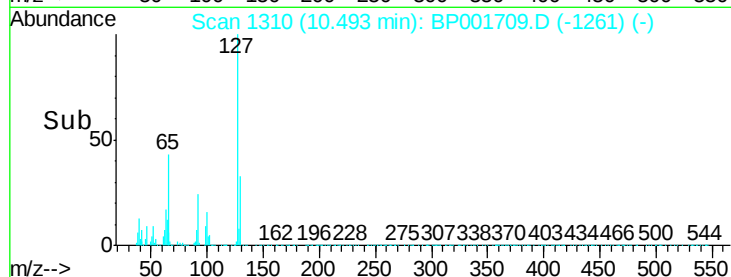
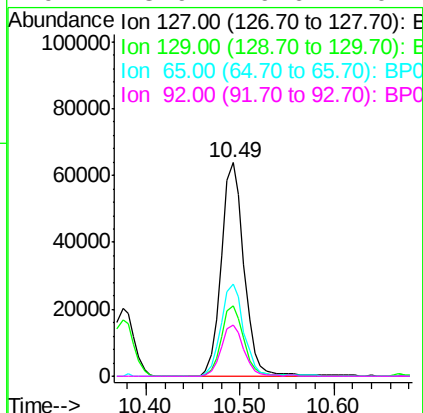
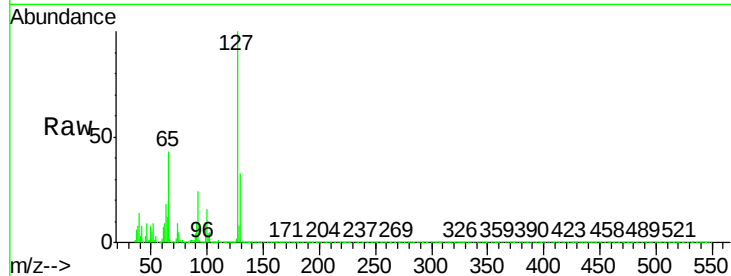




#33
4-Chloroaniline
Concen: 40.081 ng
RT: 10.49 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

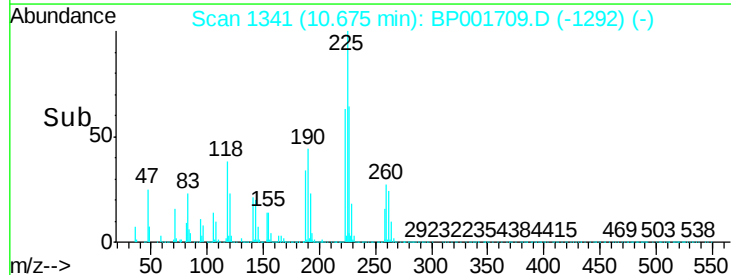
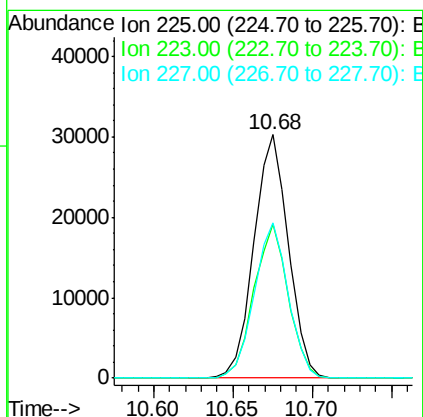
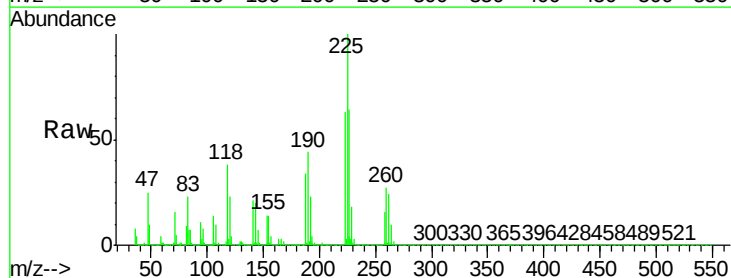
Instrument :
BNA_P
ClientSampleId :

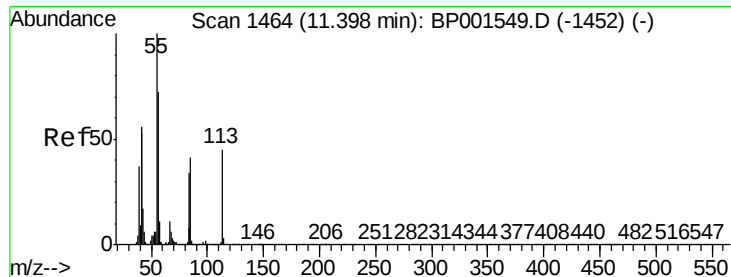
Tot Ion:	127	Resp:	107750
Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.9	37.3
65	42.9	33.3	49.9
92	23.9	19.6	29.4



#34
Hexachlorobutadiene
Concen: 27.097 ng
RT: 10.68 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion:	225	Resp:	45834
Ion	Ratio	Lower	Upper
225	100		
223	63.2	46.5	69.7
227	64.0	48.8	73.2





#35

Caprolactam

Concen: 6.611 ng

RT: 11.25 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Instrument :

BNA_P

ClientSampleId :

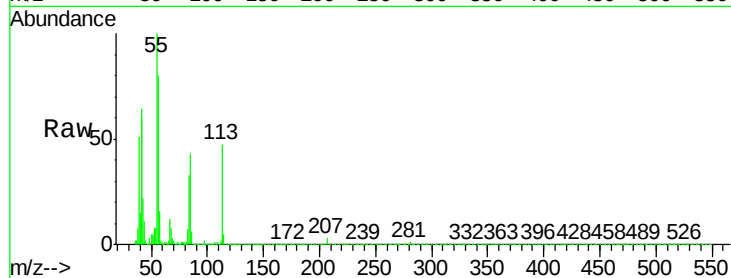
Tot Ion:113 Resp: 4752

Ion Ratio Lower Upper

113 100

55 213.7 202.7 242.7

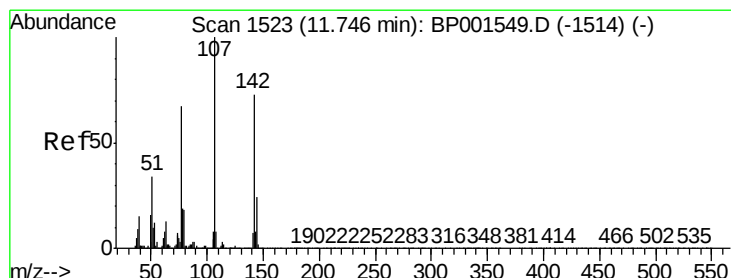
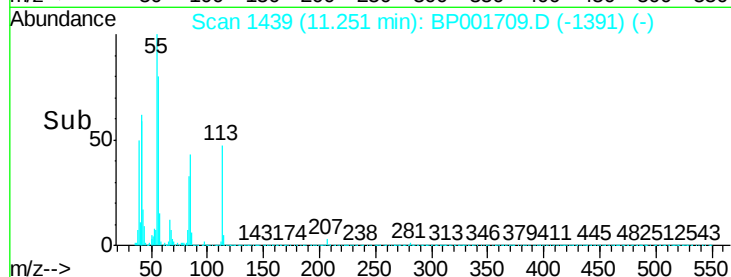
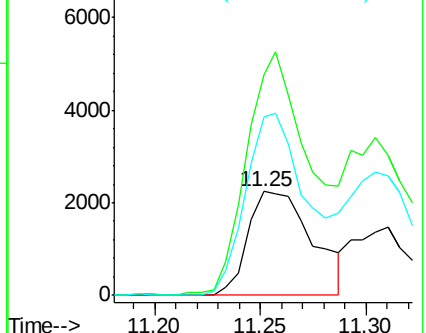
56 172.0 140.0 180.0



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: 36.008 ng

RT: 11.65 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

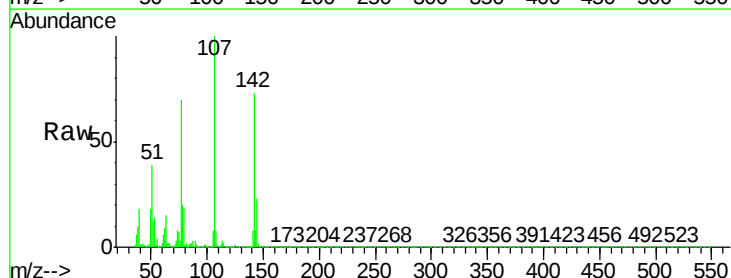
Tgt Ion:107 Resp: 85537

Ion Ratio Lower Upper

107 100

144 23.0 18.9 28.3

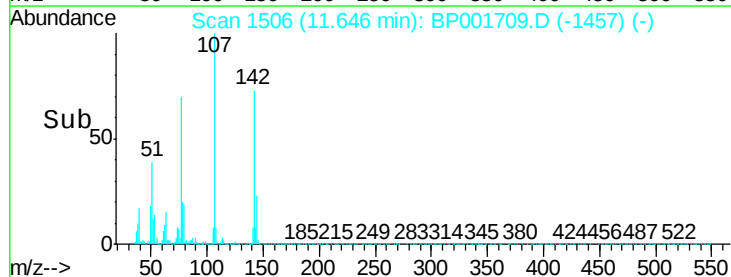
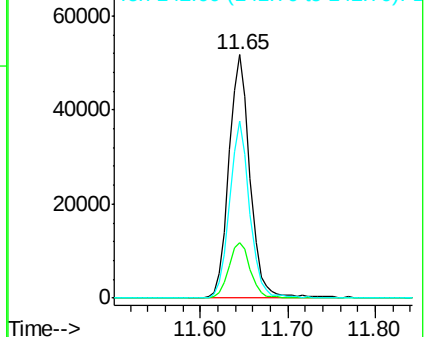
142 72.9 58.0 87.0

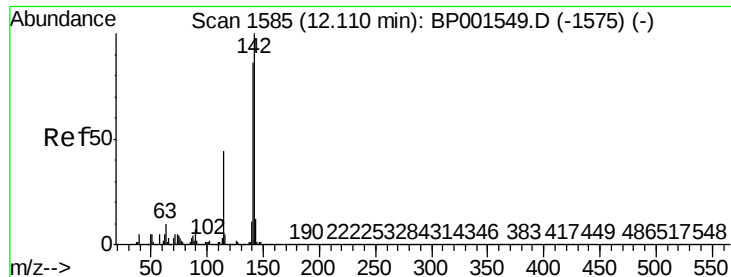


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

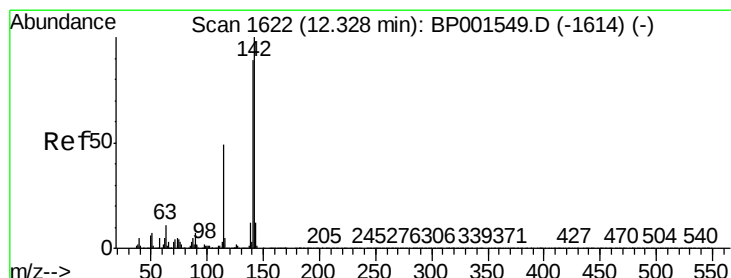
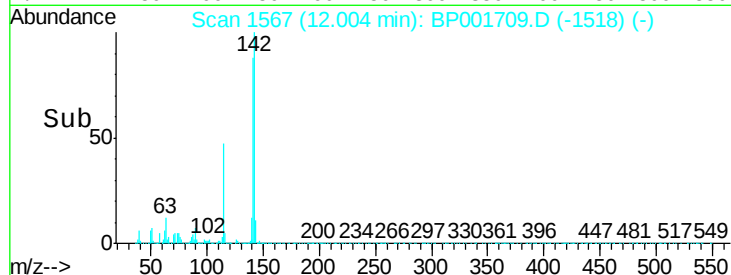
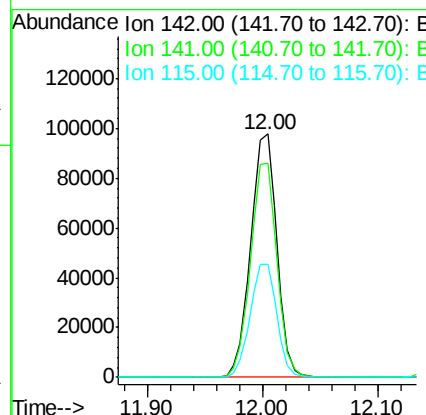
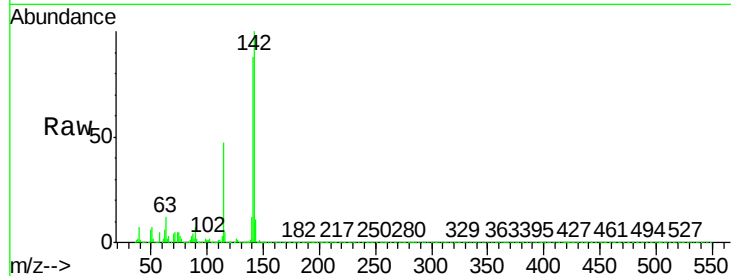




#37
2-Methylnaphthalene
Concen: 33.181 ng
RT: 12.00 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

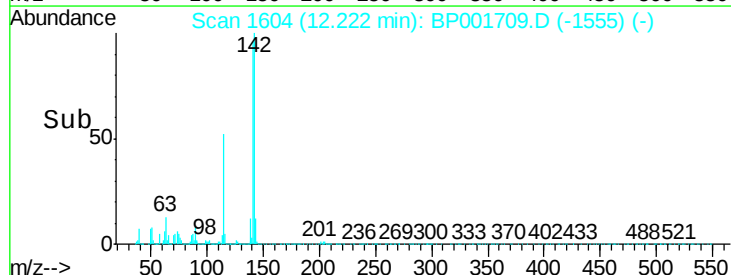
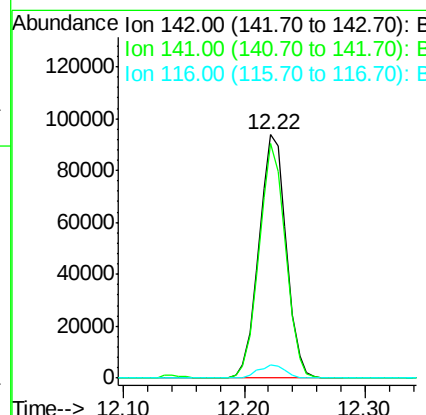
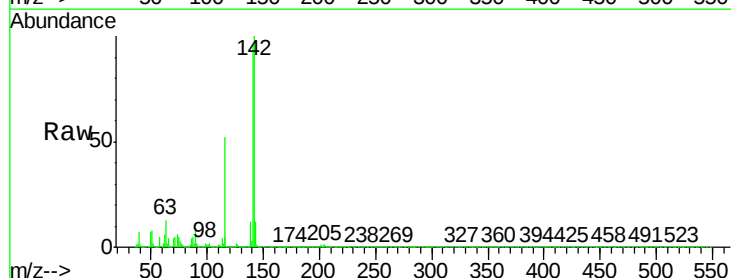
Instrument :
BNA_P
ClientSampleId :

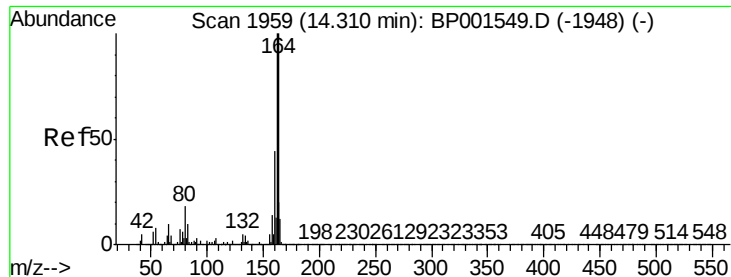
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	68.4	102.6
115	46.6	35.1	52.7



#38
1-Methylnaphthalene
Concen: 32.744 ng
RT: 12.22 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.3	70.9	106.3
116	5.4	4.1	6.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.21 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Instrument :

BNA_P

ClientSampleId :

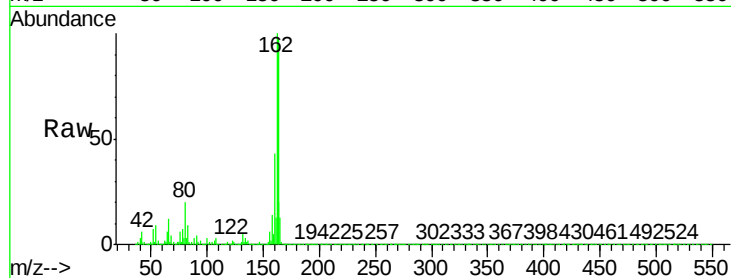
Tot Ion:164 Resp: 62339

Ion Ratio Lower Upper

164 100

162 103.6 79.8 119.6

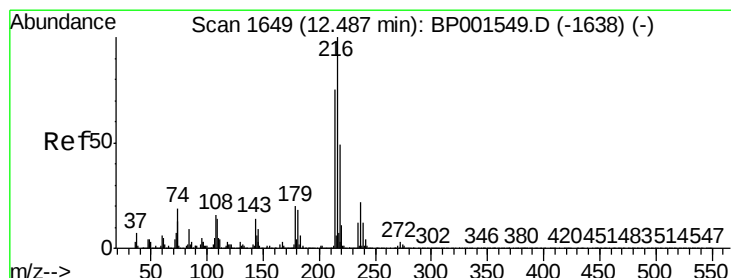
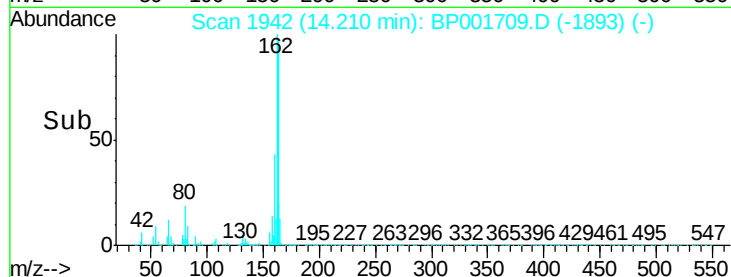
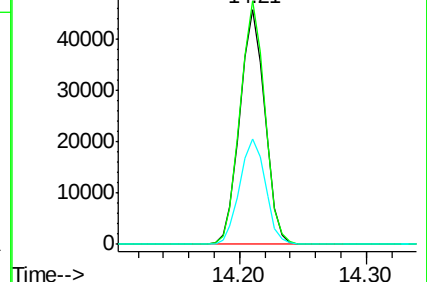
160 44.8 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.517 ng

RT: 12.38 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Tgt Ion:216 Resp: 97200

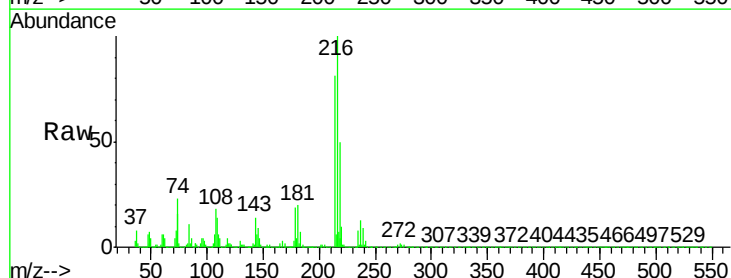
Ion Ratio Lower Upper

216 100

214 78.7 61.3 91.9

179 20.3 15.7 23.5

108 20.2 14.2 21.4

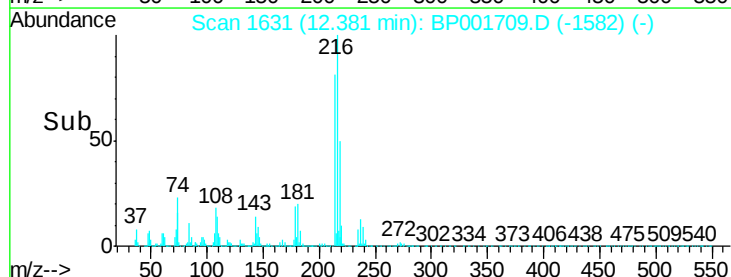
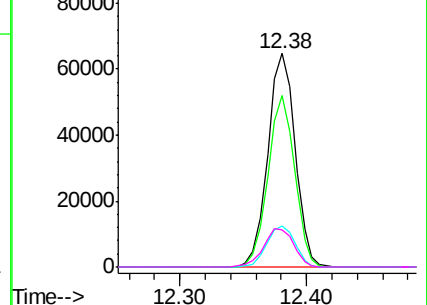


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

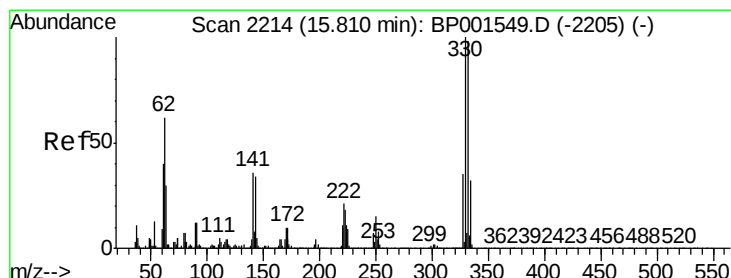
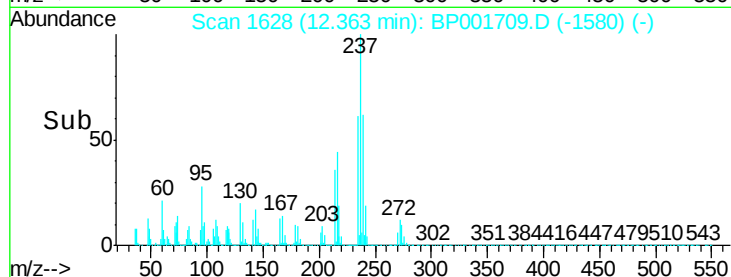
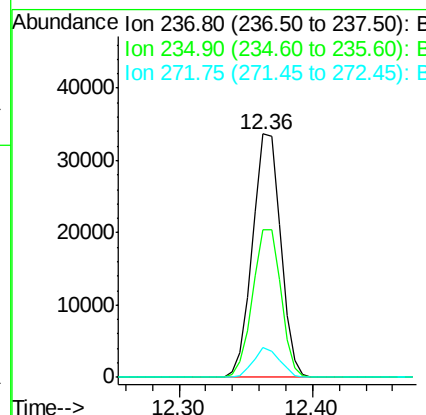
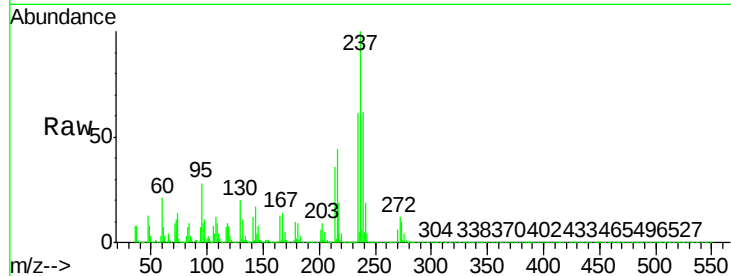




#41
Hexachlorocyclopentadiene
Concen: 44.842 ng
RT: 12.36 min Scan# 1628
Delta R.T. -0.02 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

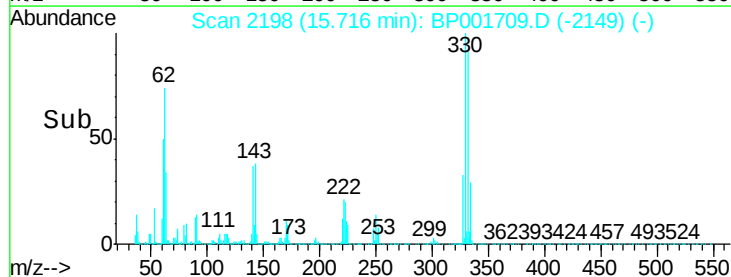
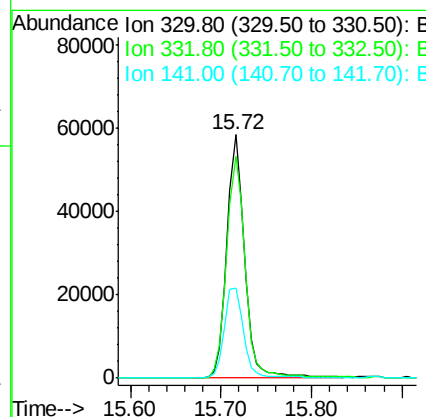
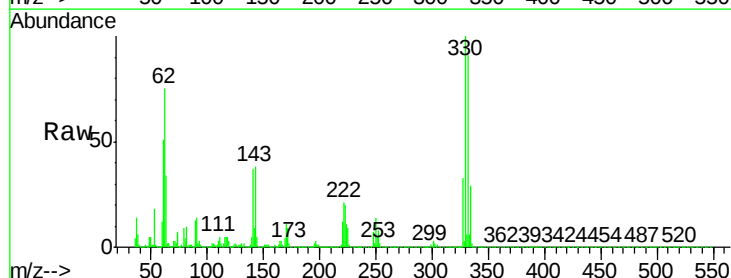
Instrument :
BNA_P
ClientSampled :

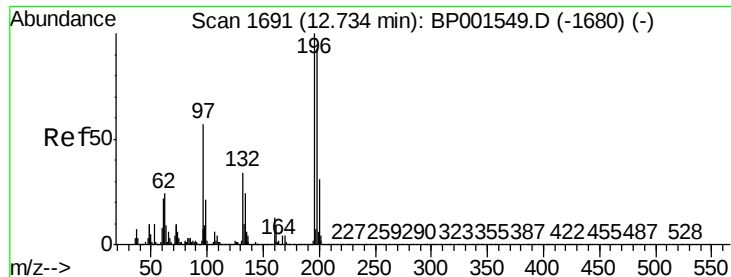
Tot Ion:237 Resp: 48574
Ion Ratio Lower Upper
237 100
235 60.5 41.6 81.6
272 12.1 0.0 31.2



#42
2,4,6-Tribromophenol
Concen: 84.252 ng
RT: 15.72 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion:330 Resp: 79949
Ion Ratio Lower Upper
330 100
332 94.8 77.8 116.6
141 40.2 28.7 43.1

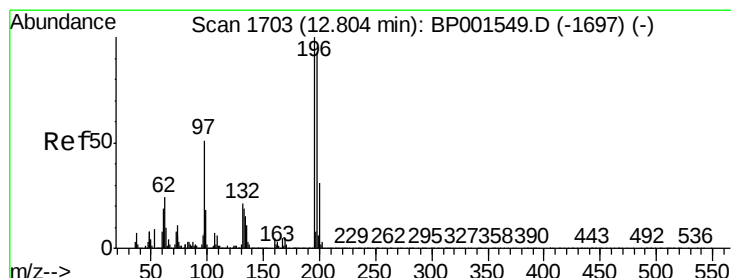
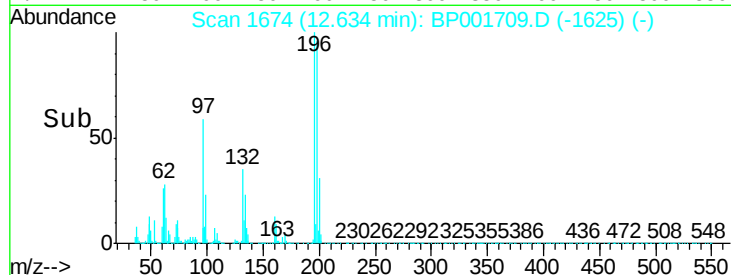
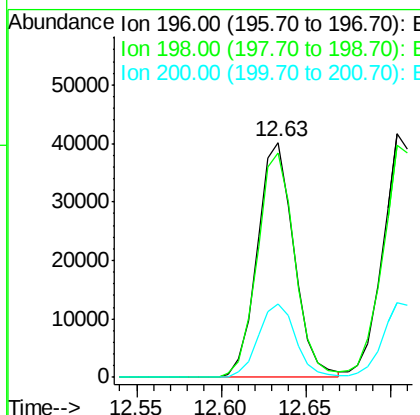
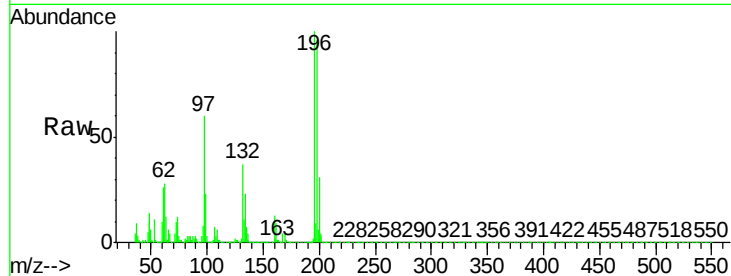




#43
2,4,6-Trichlorophenol
Concen: 44.024 ng
RT: 12.63 min Scan# 1674
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

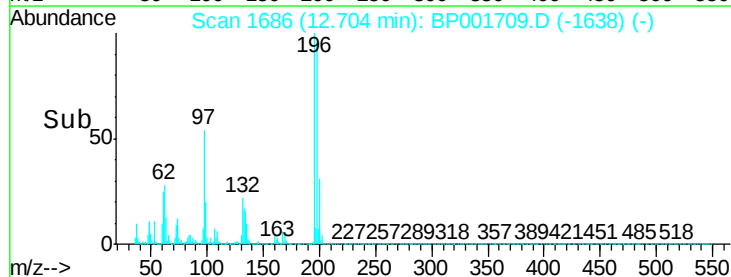
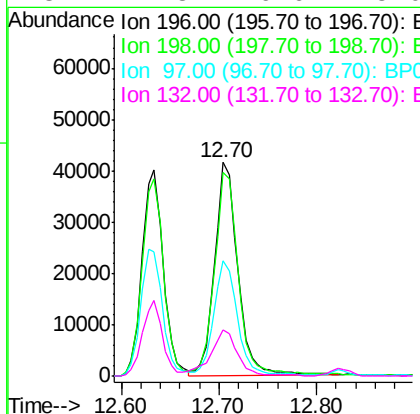
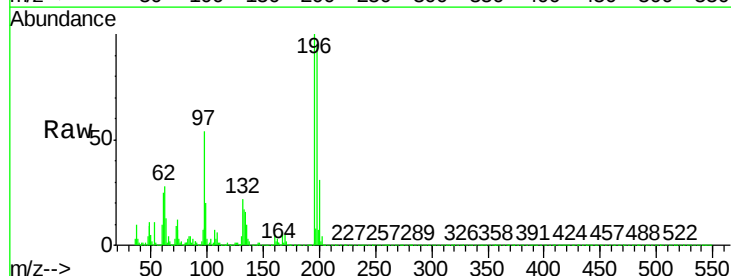
Instrument :
BNA_P
ClientSampled :

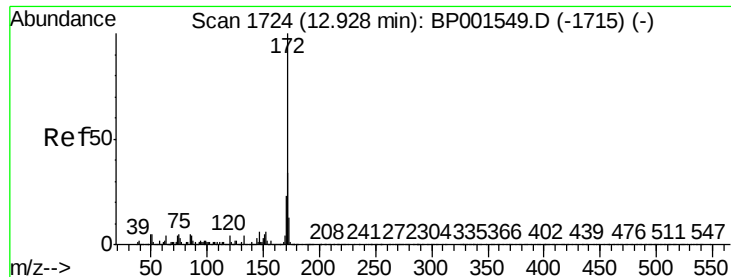
Tot Ion:196 Resp: 60632
Ion Ratio Lower Upper
196 100
198 95.6 74.2 111.4
200 31.4 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 46.485 ng
RT: 12.70 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion:196 Resp: 68031
Ion Ratio Lower Upper
196 100
198 95.4 74.6 111.8
97 54.1 41.0 61.6
132 21.8 16.6 25.0

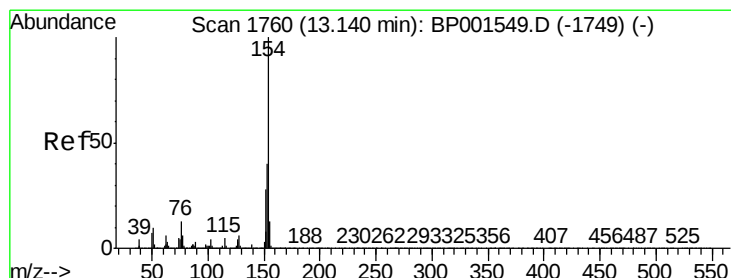
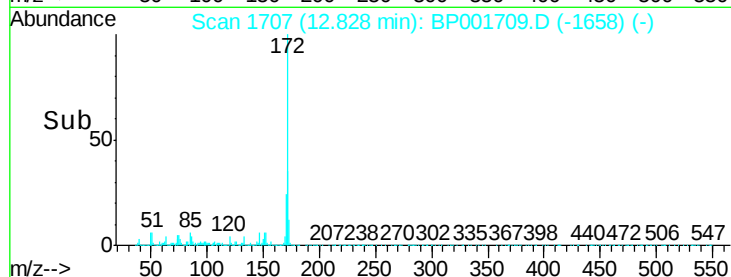
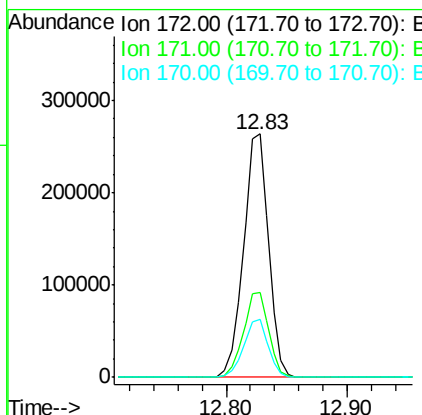
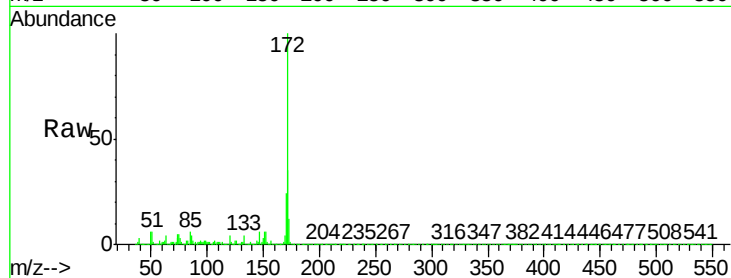




#45
 2-Fluorobiphenyl
 Concen: 89.769 ng
 RT: 12.83 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BP001709.D
 Acq: 28 Jan 2020 16:37

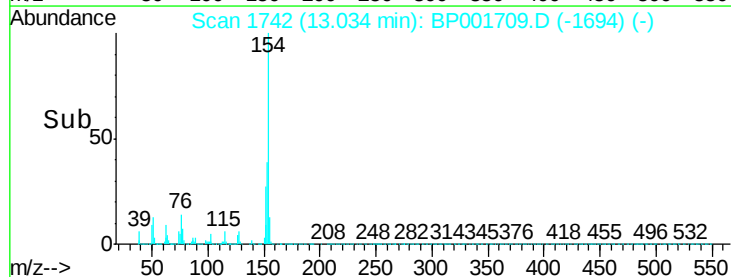
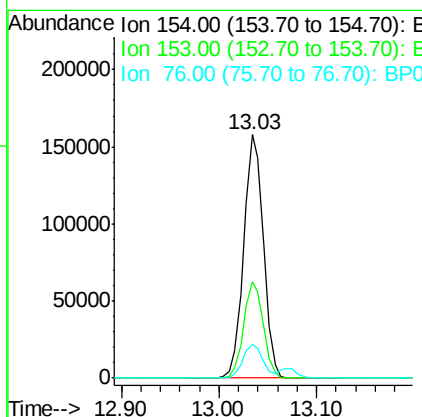
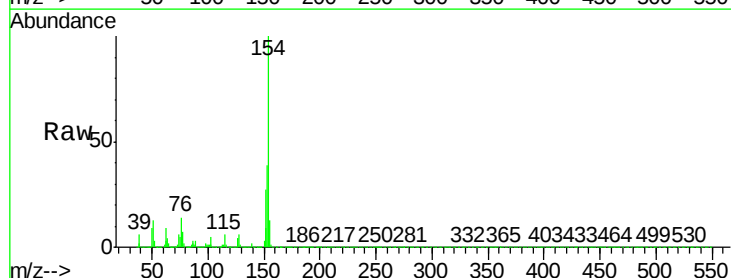
Instrument :
 BNA_P
 ClientSampleId :

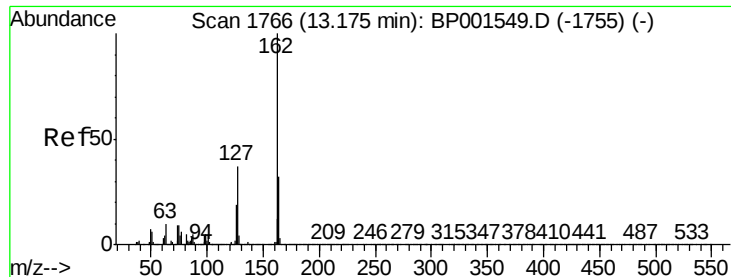
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.6	41.4
170	24.0	18.3	27.5



#46
 1,1'-Biphenyl
 Concen: 49.044 ng
 RT: 13.03 min Scan# 1742
 Delta R.T. -0.02 min
 Lab File: BP001709.D
 Acq: 28 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.5	59.5
76	13.8	0.0	33.1

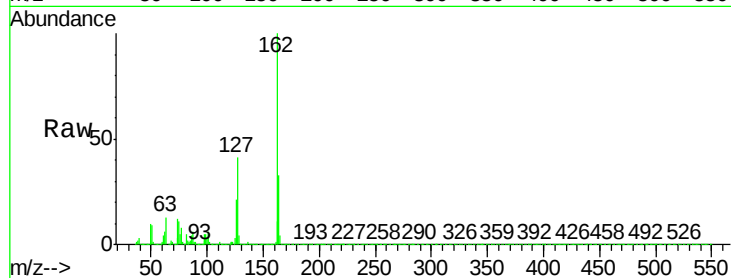




#47
2-Chloronaphthalene
Concen: 47.368 ng
RT: 13.07 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	29.9	44.9
164	33.2	26.0	39.0

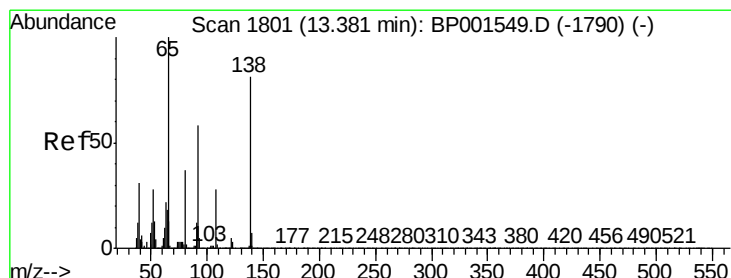
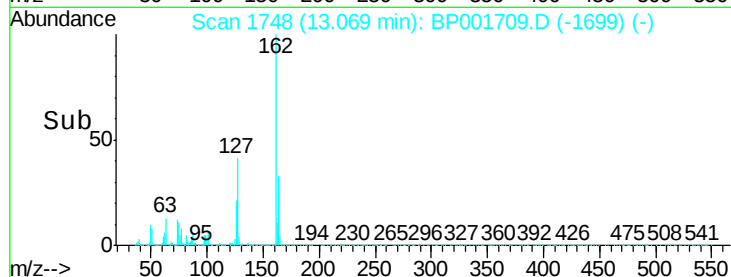
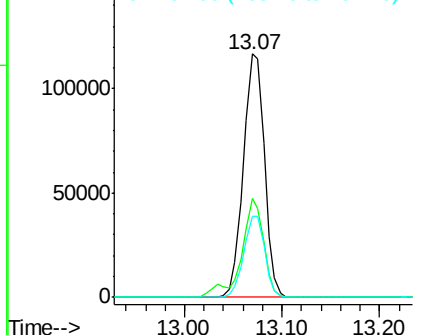


Abundance

Ion 162.00 (161.70 to 162.70): E

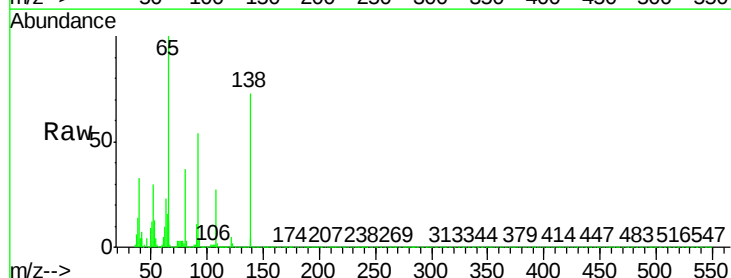
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 55.371 ng
RT: 13.29 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	53.7	46.2	69.2
138	73.2	64.7	97.1

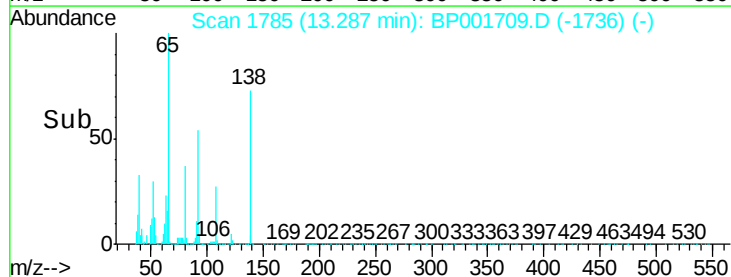
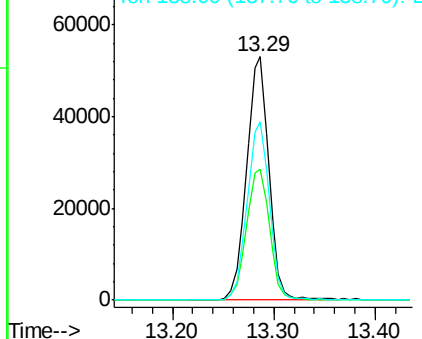


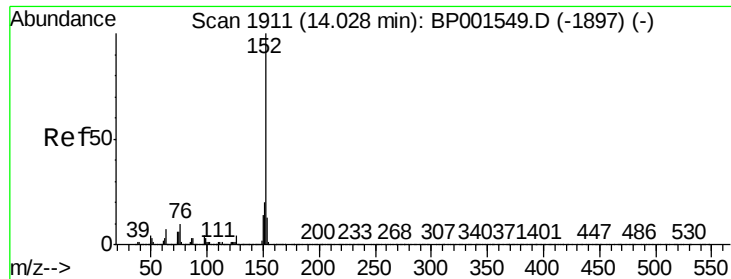
Abundance

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: 51.065 ng

RT: 13.93 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BP001709.D

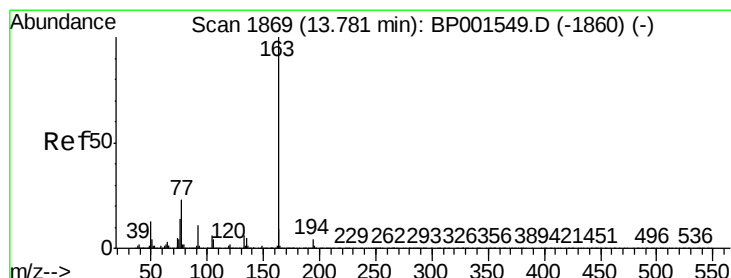
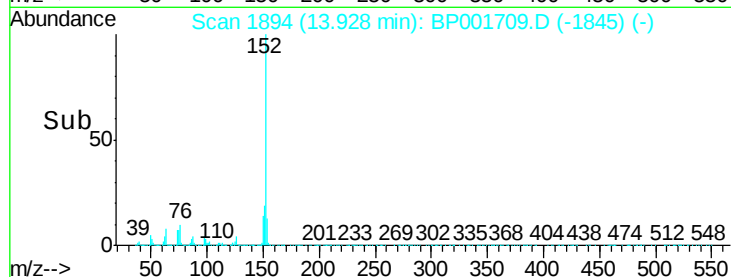
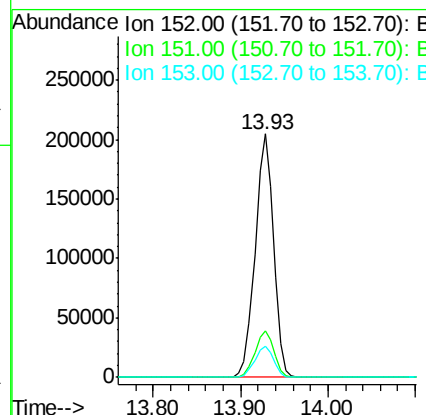
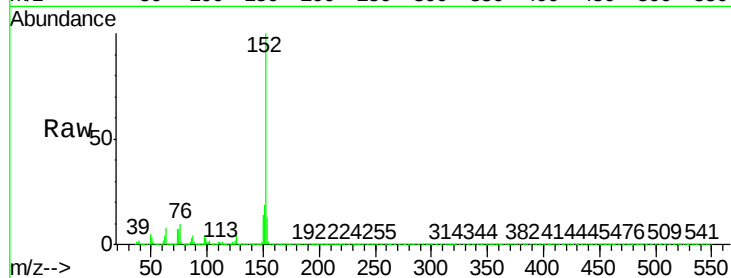
Acq: 28 Jan 2020 16:37

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	152	Resp:	292392
Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.9	23.9
153	12.7	10.4	15.6



#50

Dimethylphthalate

Concen: 57.710 ng

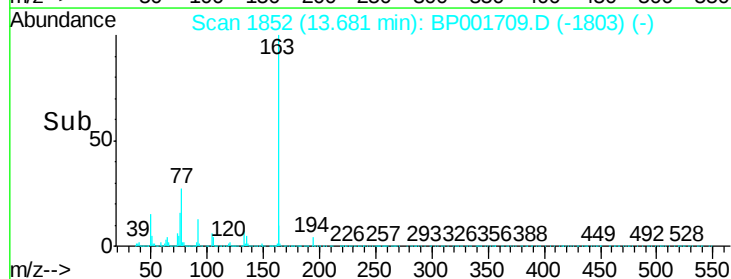
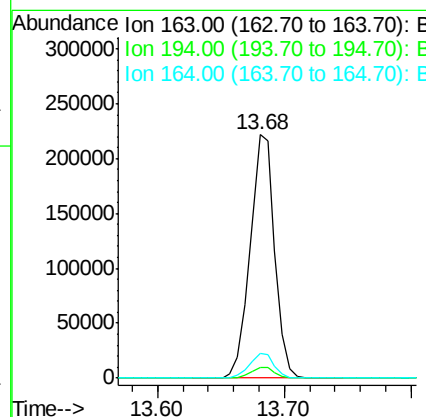
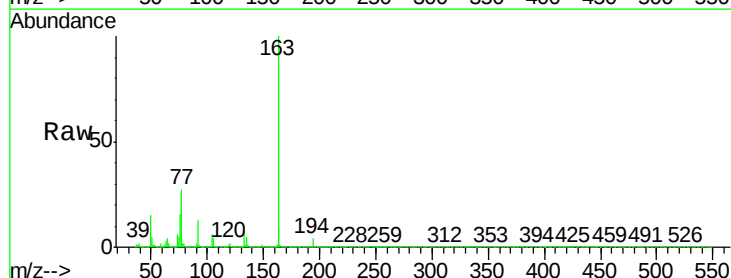
RT: 13.68 min Scan# 1852

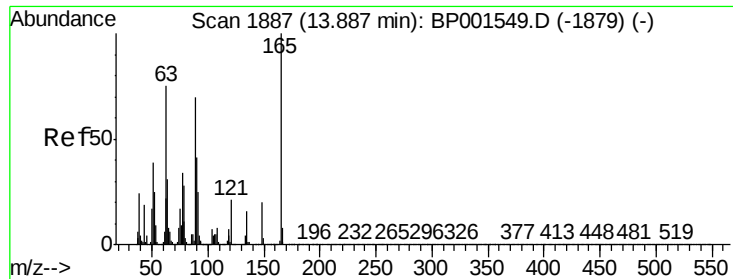
Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Tgt Ion:	163	Resp:	296314
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.0	7.5	11.3

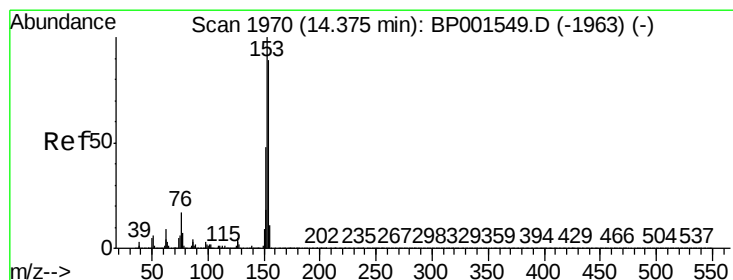
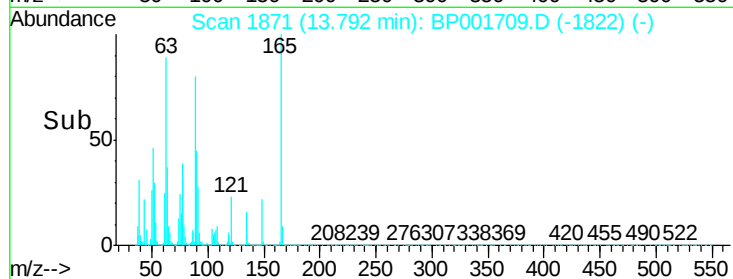
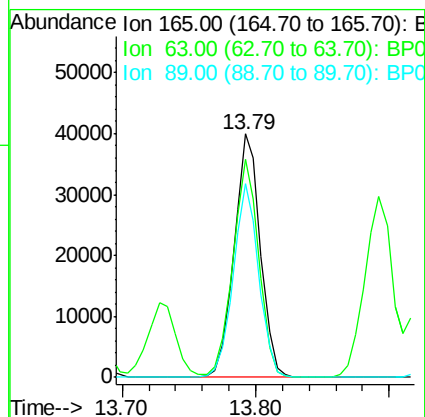
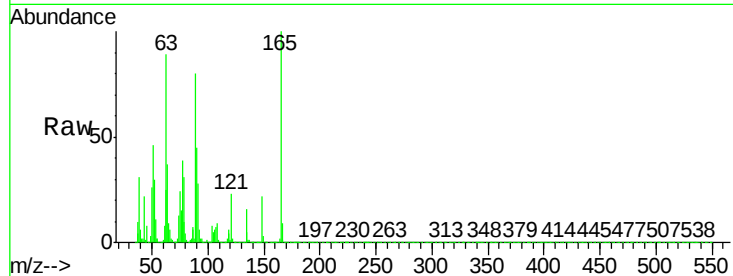




#51
2,6-Dinitrotoluene
Concen: 50.072 ng
RT: 13.79 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

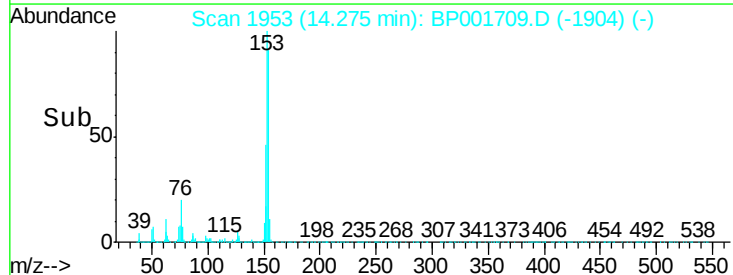
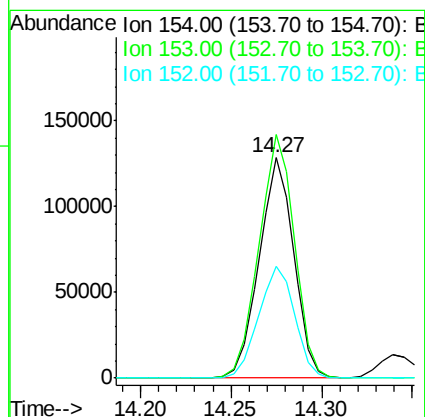
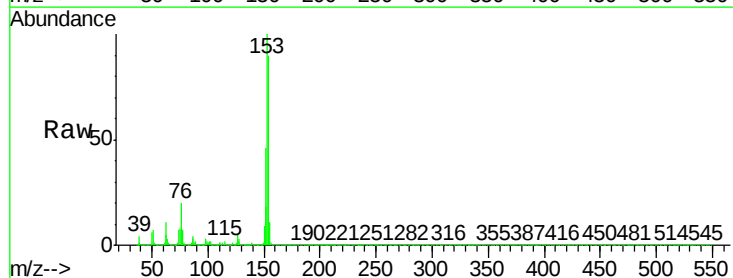
Instrument :
BNA_P
ClientSampleId :

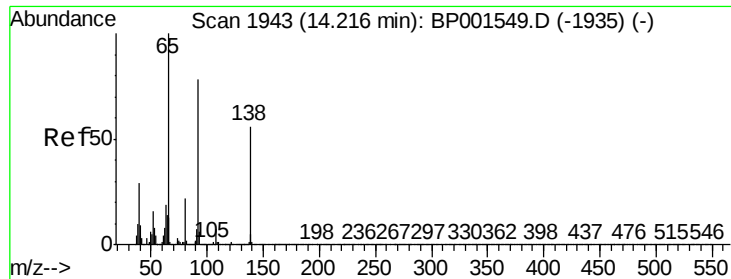
Tot Ion:165 Resp: 54520
Ion Ratio Lower Upper
165 100
63 89.5 60.9 91.3
89 79.7 55.7 83.5



#52
Acenaphthene
Concen: 48.099 ng
RT: 14.27 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion:154 Resp: 170569
Ion Ratio Lower Upper
154 100
153 110.5 89.4 134.2
152 50.5 42.6 64.0

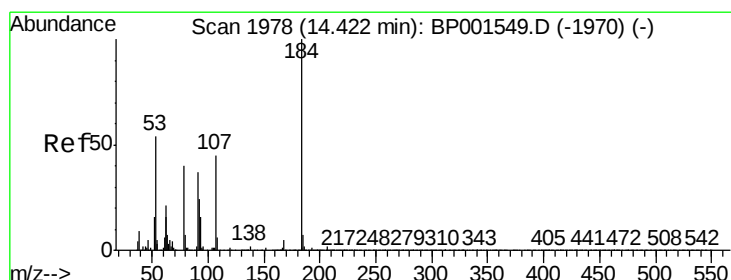
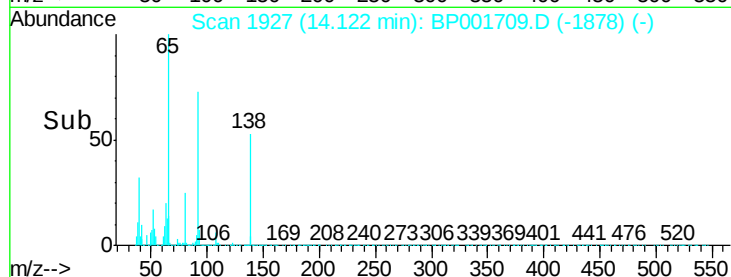
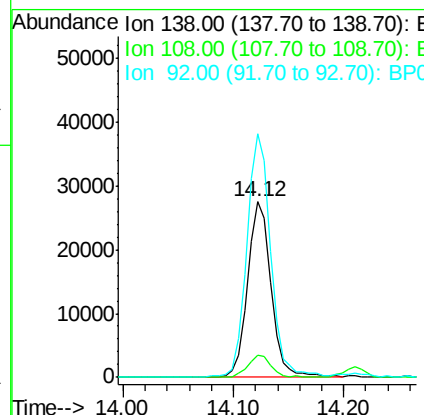
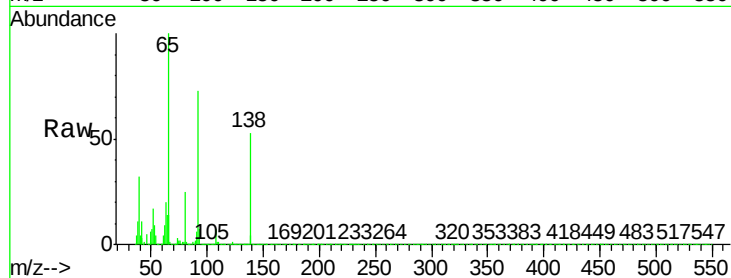




#53
3-Nitroaniline
Concen: 36.083 ng
RT: 14.12 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

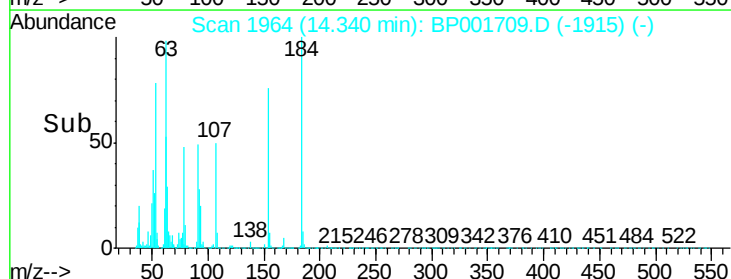
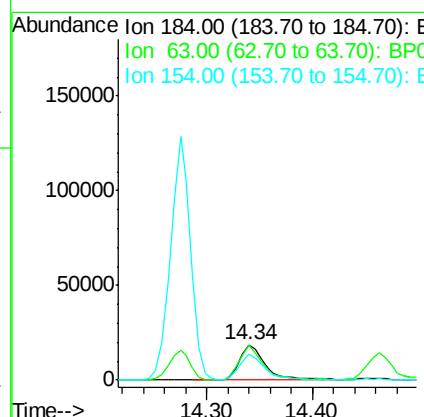
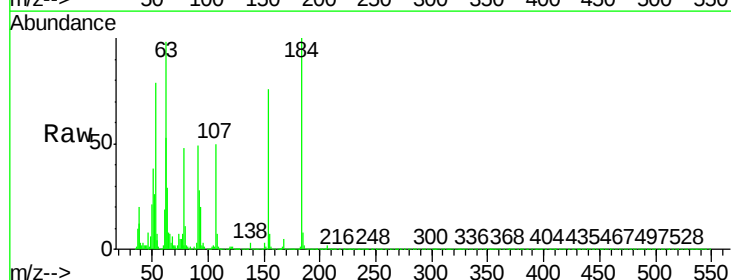
Instrument :
BNA_P
ClientSampled :

Tot Ion:138 Resp: 41481
Ion Ratio Lower Upper
138 100
108 12.3 9.9 14.9
92 138.6 110.6 166.0



#54
2,4-Dinitrophenol
Concen: 49.795 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion:184 Resp: 30485
Ion Ratio Lower Upper
184 100
63 98.2 59.7 89.5#
154 75.6 53.9 80.9

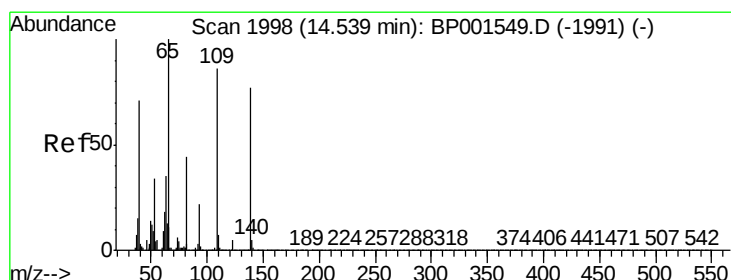
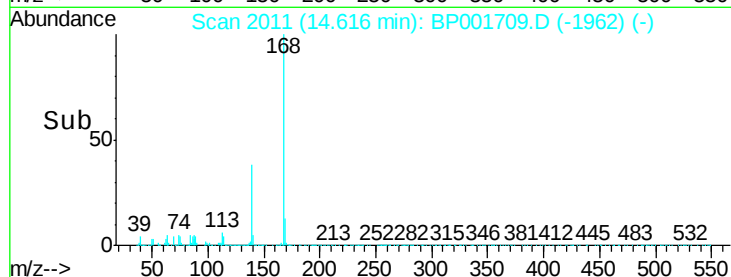
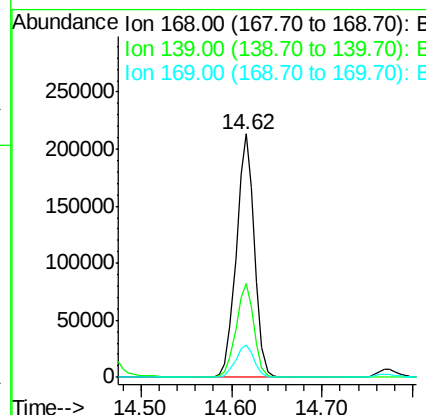
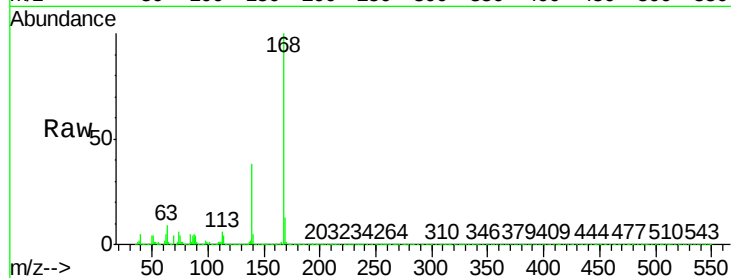




#55
Dibenzofuran
Concen: 49.205 ng
RT: 14.62 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

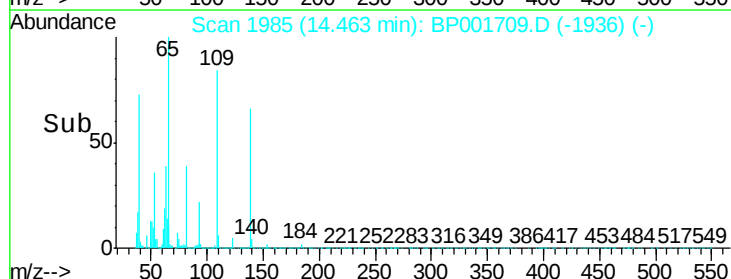
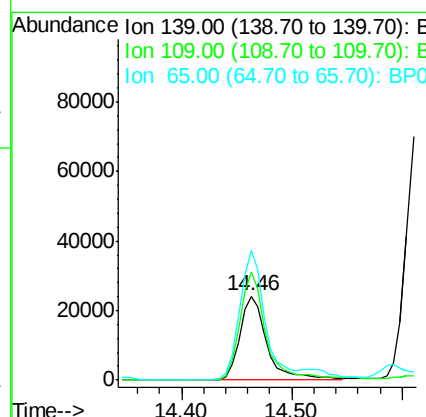
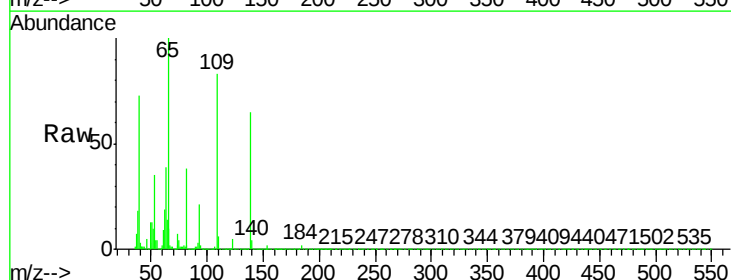
Instrument :
BNA_P
ClientSampleId :

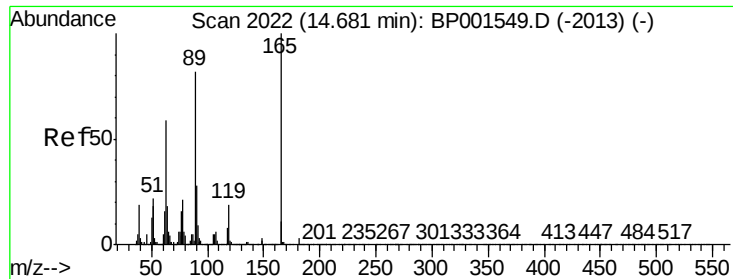
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.2	45.4
169	13.2	10.6	16.0



#56
4-Nitrophenol
Concen: 45.387 ng
RT: 14.46 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	128.4	92.7	132.7
65	154.4	111.1	151.1#

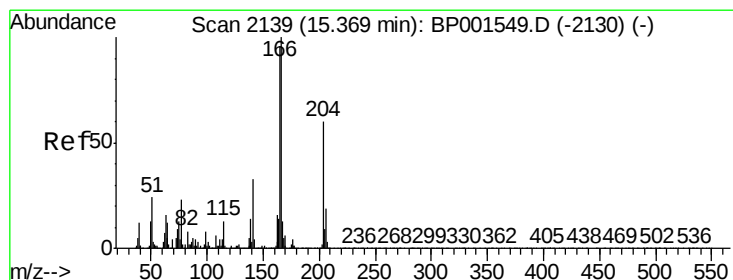
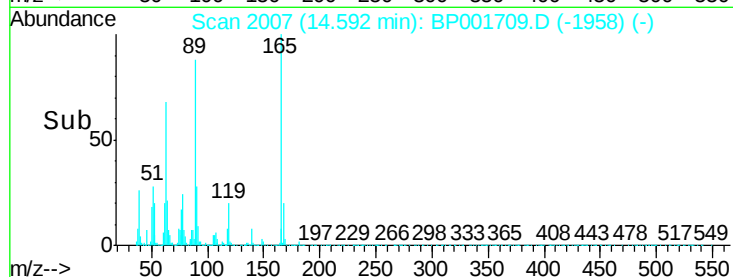
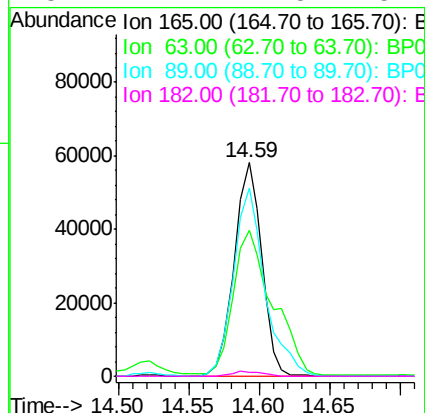
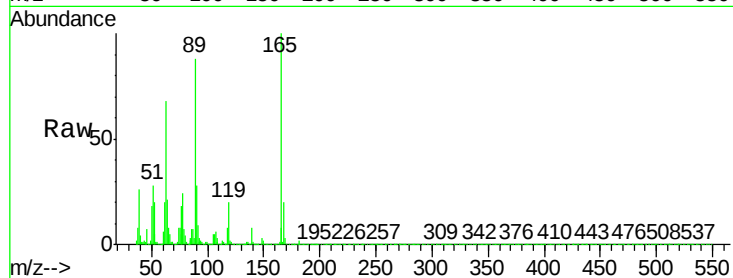




#57
2,4-Dinitrotoluene
Concen: 49.539 ng
RT: 14.59 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

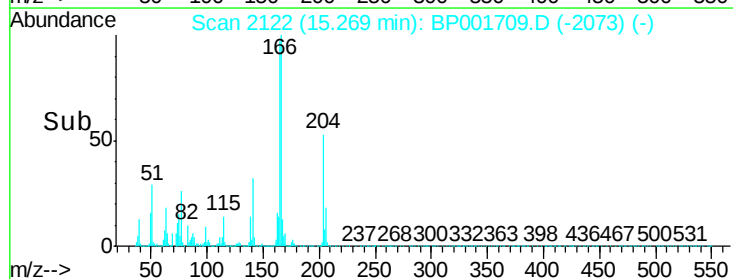
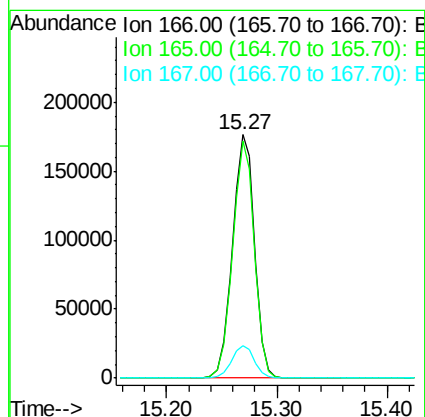
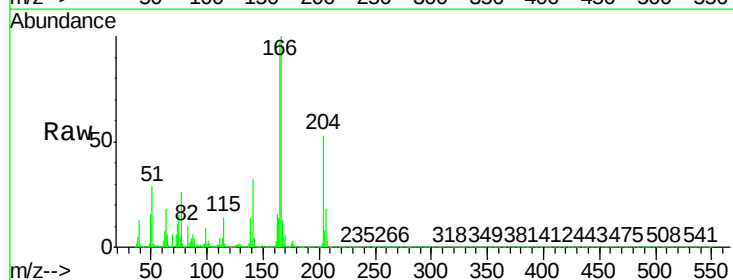
Instrument :
BNA_P
ClientSampleId :

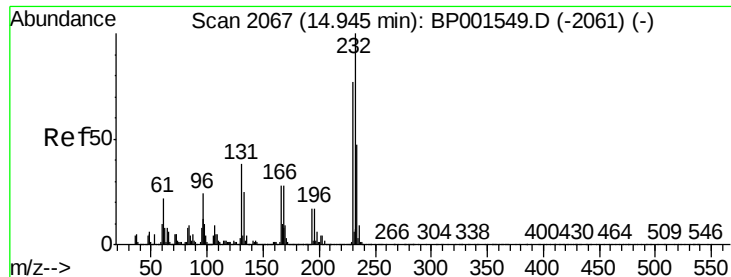
Tot Ion:165 Resp: 78923
Ion Ratio Lower Upper
165 100
63 68.1 47.3 70.9
89 88.1 65.4 98.0
182 2.1 2.5 3.7#



#58
Fluorene
Concen: 50.664 ng
RT: 15.27 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion:166 Resp: 245848
Ion Ratio Lower Upper
166 100
165 97.4 76.9 115.3
167 13.2 10.3 15.5

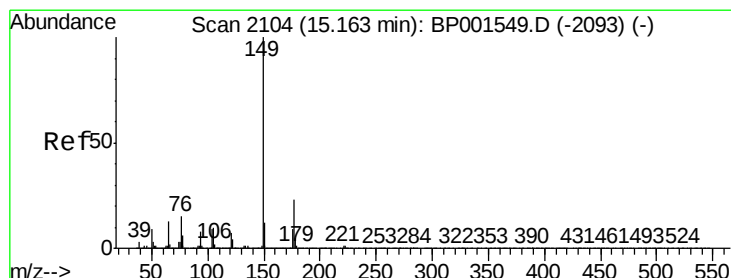
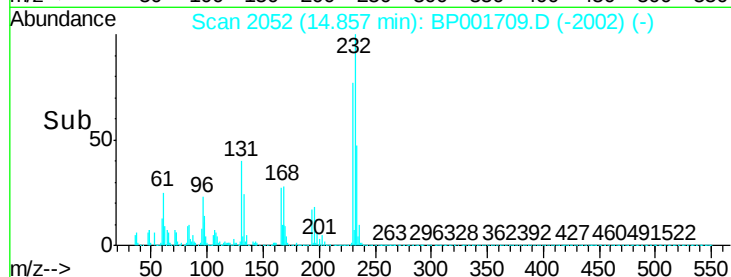
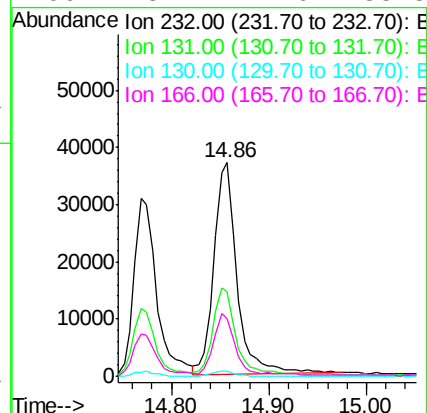
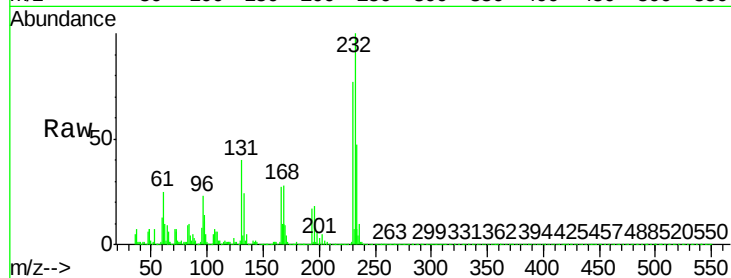




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.981 ng
RT: 14.86 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

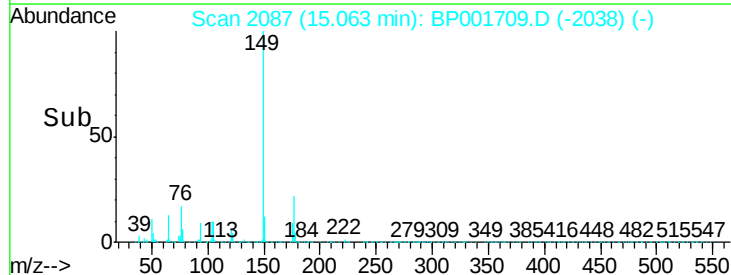
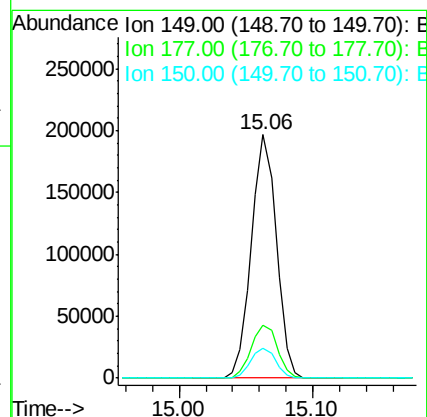
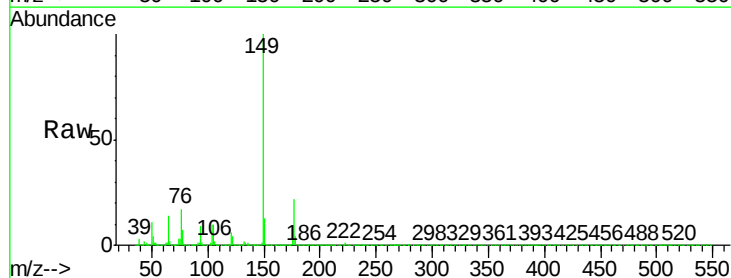
Instrument :
BNA_P
ClientSampled :

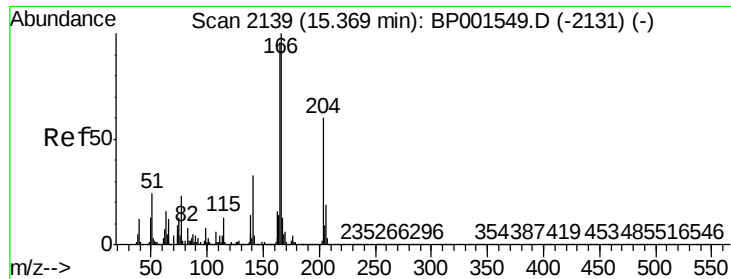
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.8	31.3	46.9
130	2.6	2.0	3.0
166	25.2	22.6	33.8



#60
Diethylphthalate
Concen: 47.830 ng
RT: 15.06 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.0	18.4	27.6
150	12.5	10.0	15.0

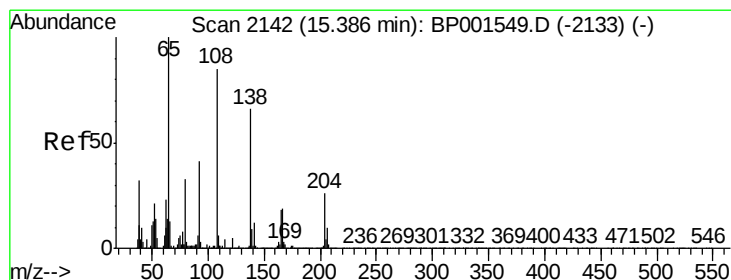
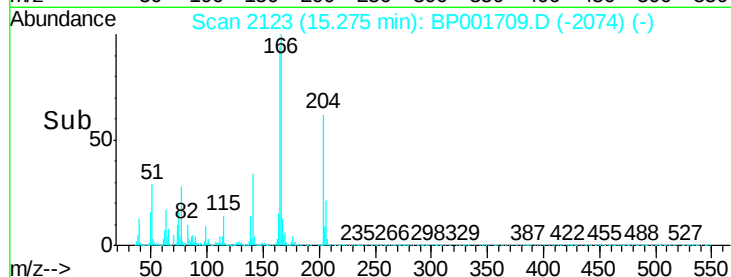
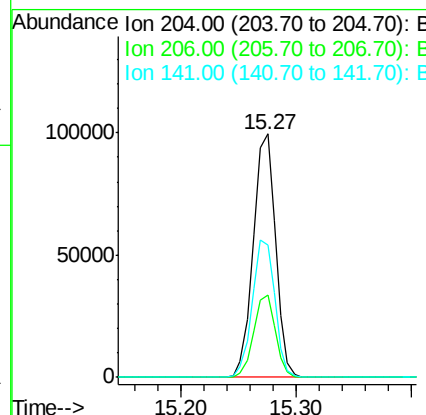
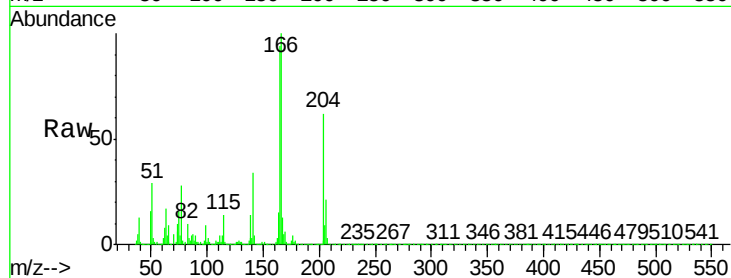




#61
4-Chlorophenyl-phenylether
Concen: 48.271 ng
RT: 15.27 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

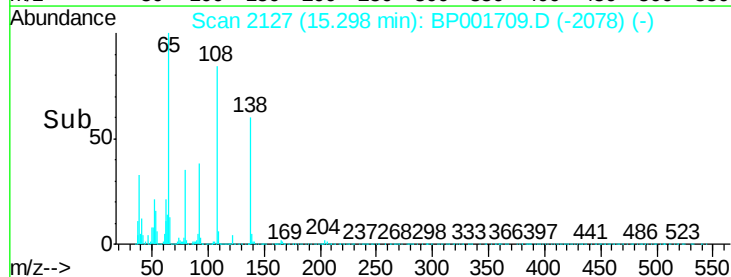
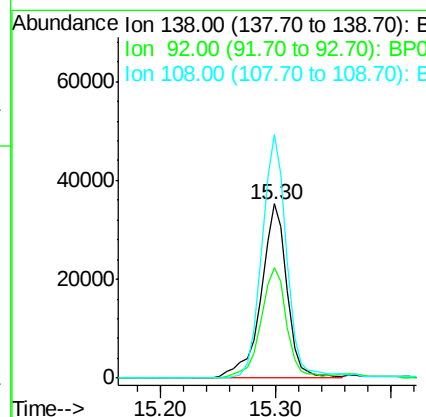
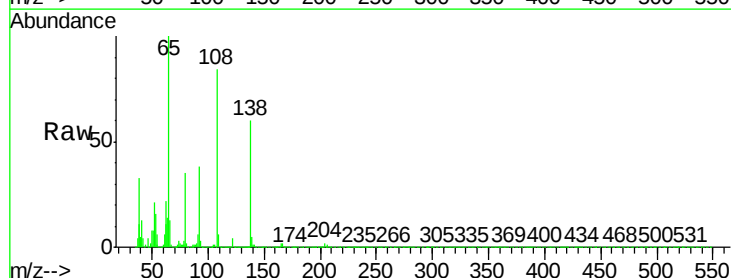
Instrument :
BNA_P
ClientSampleId :

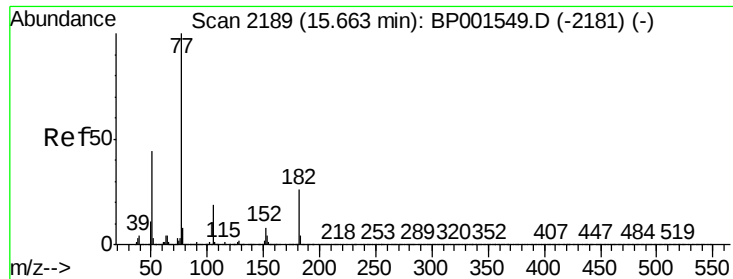
Tot Ion:204 Resp: 134057
Ion Ratio Lower Upper
204 100
206 33.7 25.4 38.0
141 54.3 43.8 65.6



#62
4-Nitroaniline
Concen: 42.496 ng
RT: 15.30 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion:138 Resp: 55699
Ion Ratio Lower Upper
138 100
92 63.5 42.7 82.7
108 140.0 108.6 148.6

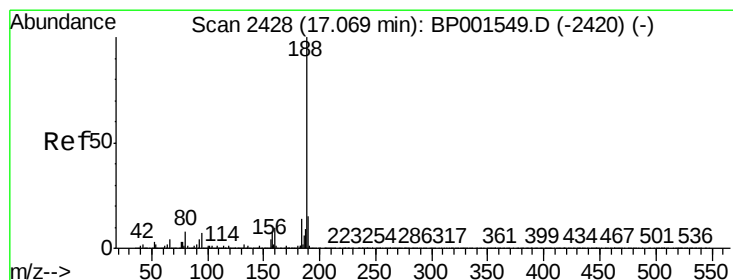
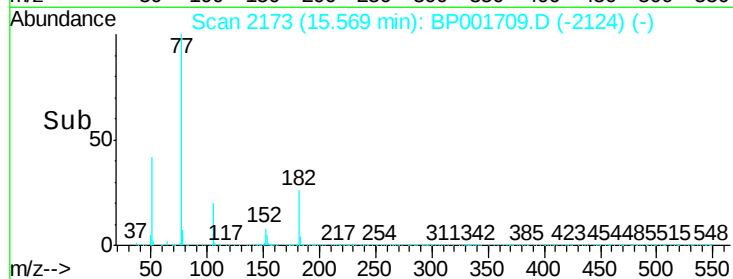
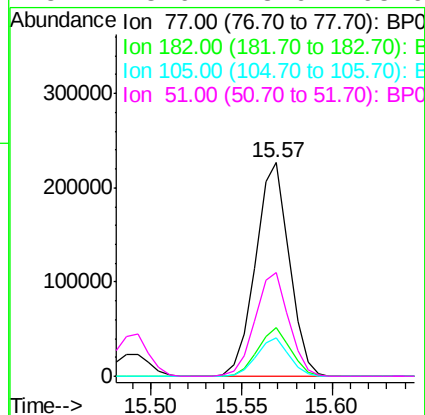
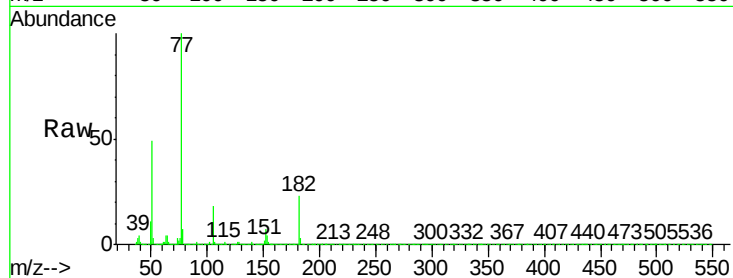




#63
Azobenzene
Concen: 55.380 ng
RT: 15.57 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

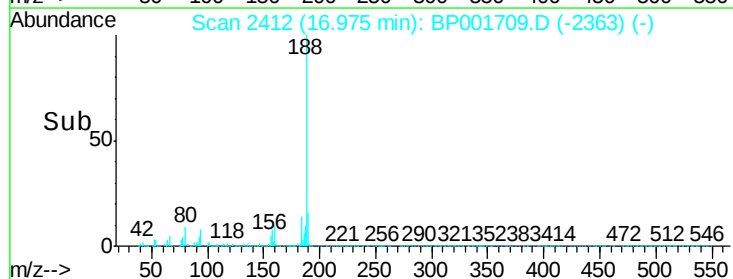
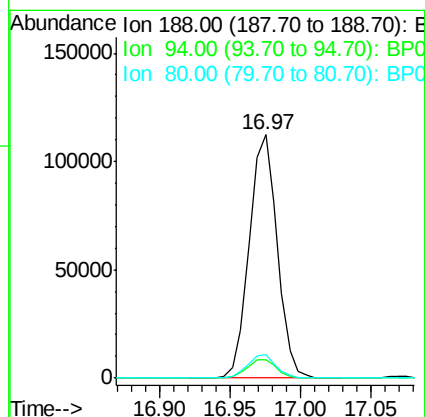
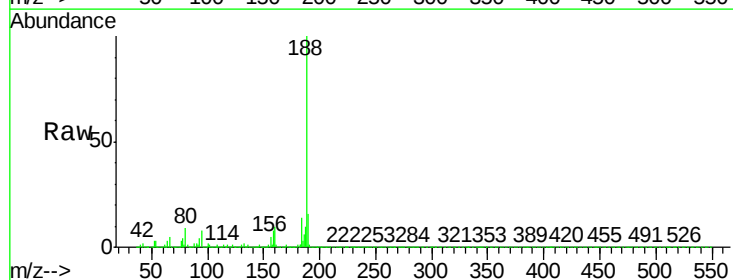
Instrument :
BNA_P
ClientSampleId :

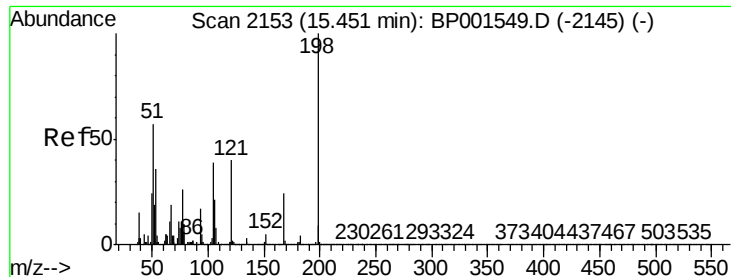
Tot Ion:	77	Resp:	292228
Ion	Ratio	Lower	Upper
77	100		
182	22.9	5.8	45.8
105	17.8	0.0	39.3
51	48.6	23.6	63.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion:	188	Resp:	156832
Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.9	8.9
80	9.4	6.8	10.2





#65

4,6-Dinitro-2-methylphenol

Concen: 43.410 ng

RT: 15.36 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

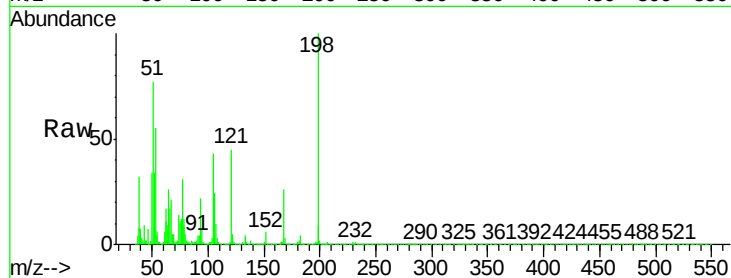
Instrument :

BNA_P

ClientSampleId :

Tot Ion:198 Resp: 36808

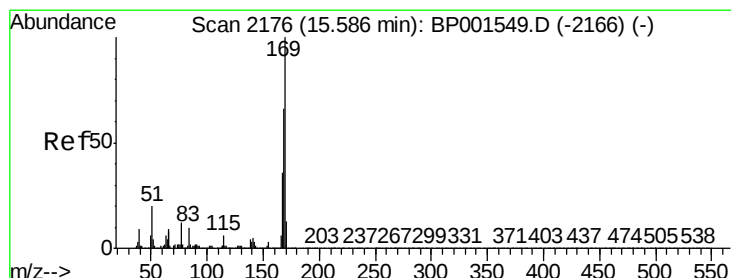
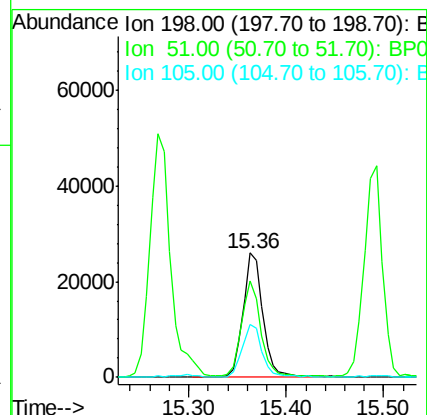
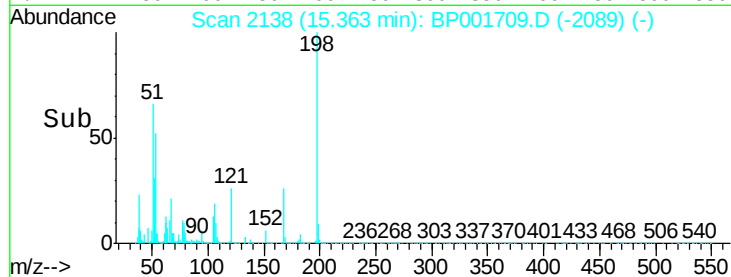
Ion	Ratio	Lower	Upper
198	100		
51	77.3	39.4	79.4
105	43.1	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.062 ng

RT: 15.49 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

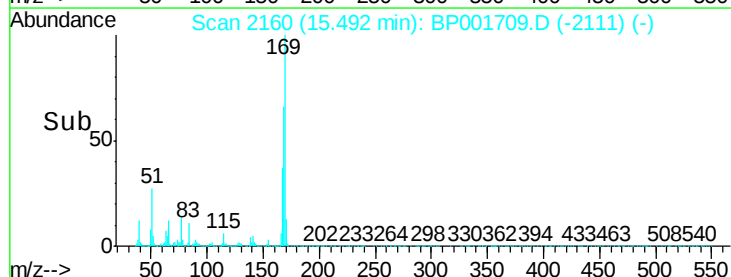
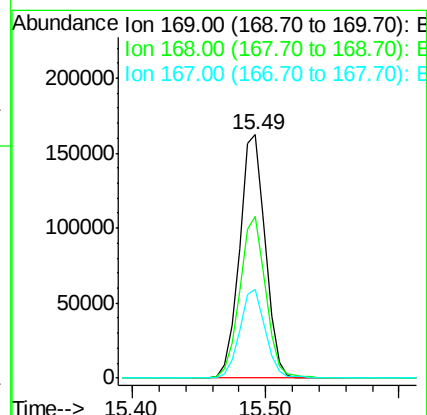
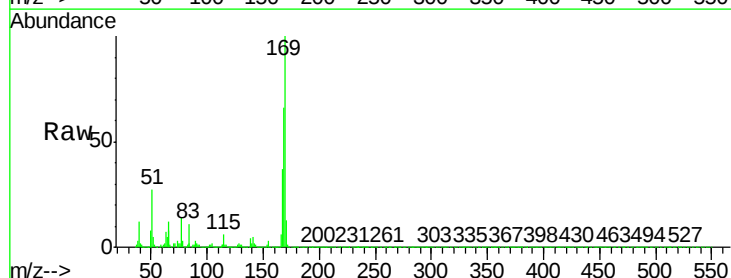
Tgt Ion:169 Resp: 216311

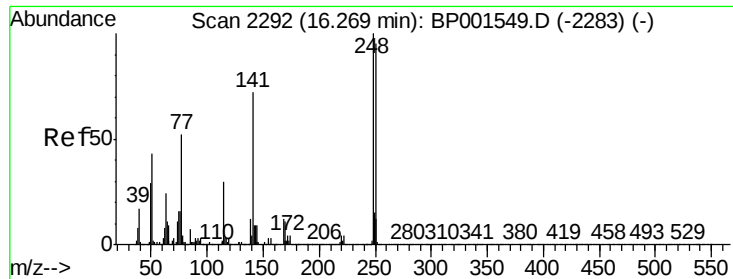
Ion	Ratio	Lower	Upper
169	100		
168	66.4	53.1	79.7
167	36.5	28.9	43.3

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

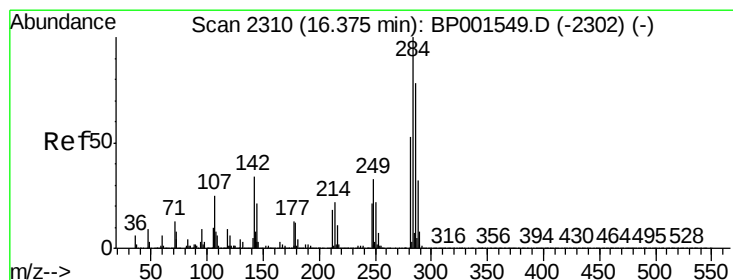
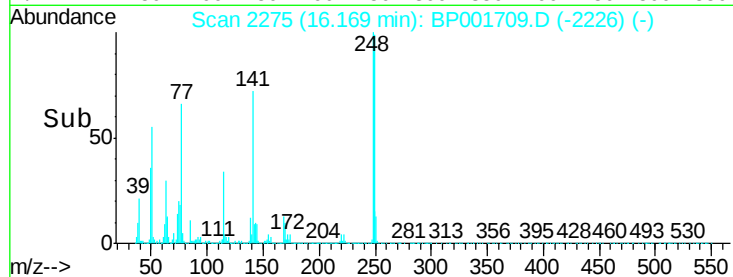
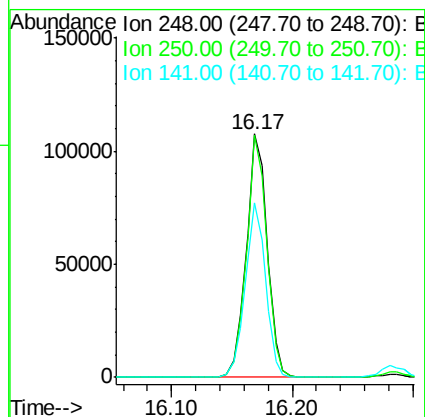
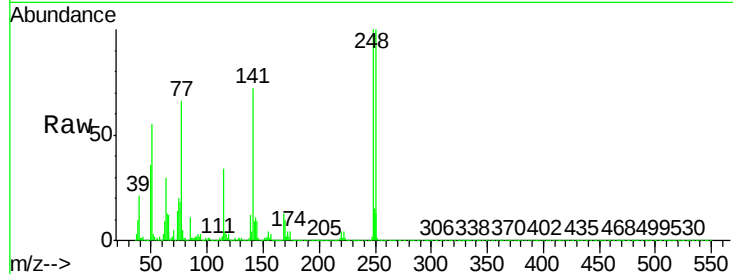




#67
4-Bromophenyl-phenylether
Concen: 73.770 ng
RT: 16.17 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

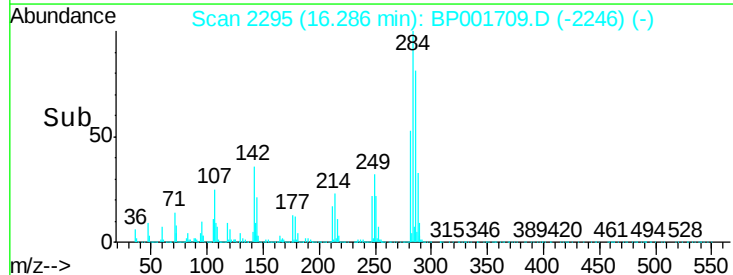
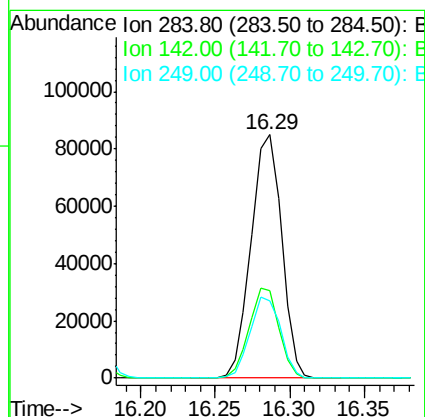
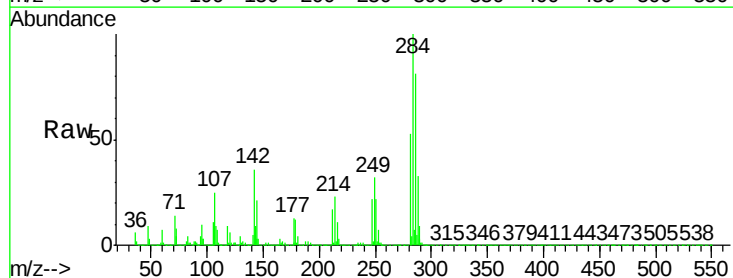
Instrument :
BNA_P
ClientSampleId :

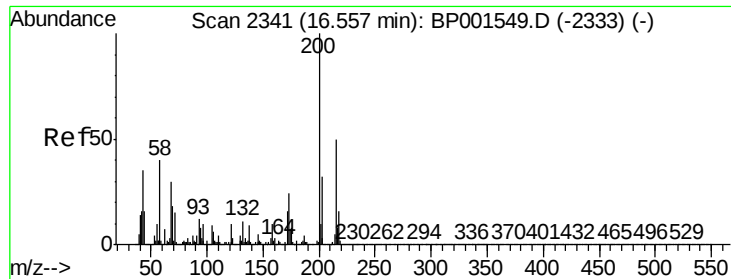
Tot Ion:248 Resp: 130518
Ion Ratio Lower Upper
248 100
250 99.6 76.0 114.0
141 71.8 57.8 86.8



#68
Hexachlorobenzene
Concen: 58.610 ng
RT: 16.29 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion:284 Resp: 120480
Ion Ratio Lower Upper
284 100
142 36.1 27.4 41.2
249 31.8 26.8 40.2





#69

Atrazine

Concen: 61.305 ng

RT: 16.46 min Scan# 2324

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Instrument :

BNA_P

ClientSampleId :

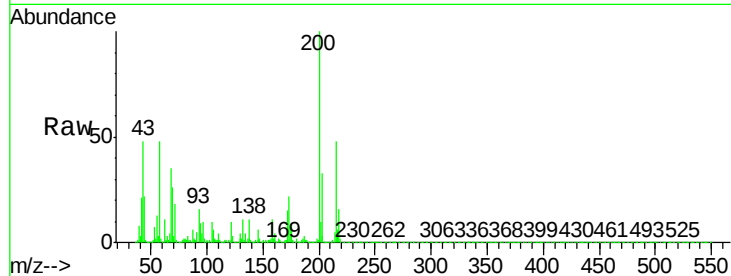
Tot Ion:200 Resp: 93546

Ion Ratio Lower Upper

200 100

173 22.2 3.5 43.5

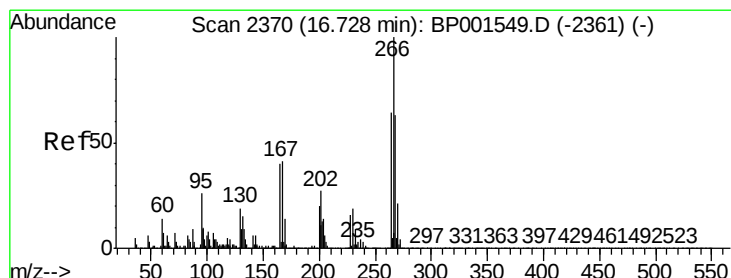
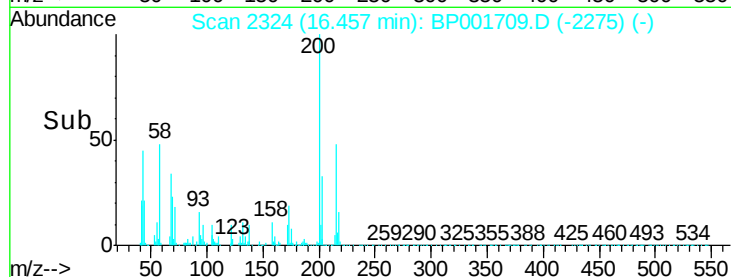
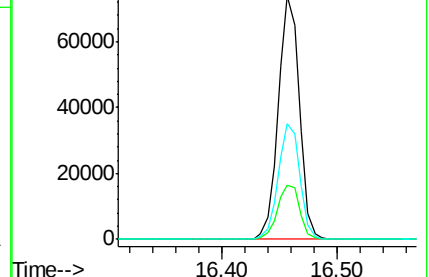
215 47.7 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 58.714 ng

RT: 16.64 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

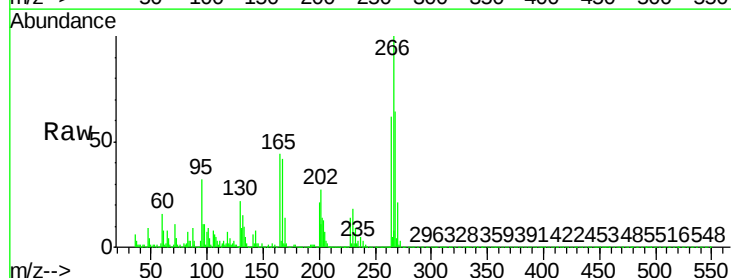
Tgt Ion:266 Resp: 66653

Ion Ratio Lower Upper

266 100

268 64.1 50.5 75.7

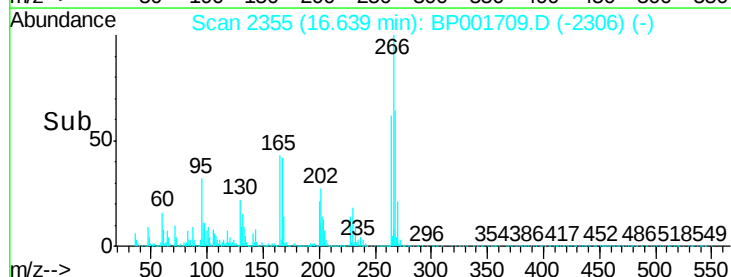
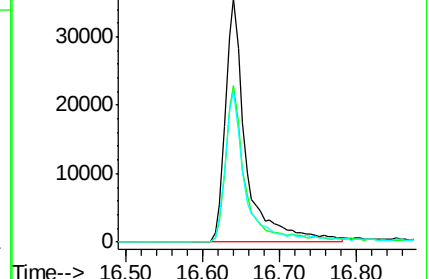
264 62.4 50.9 76.3

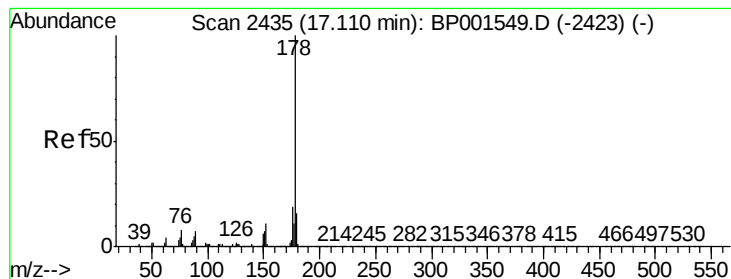


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.669 ng

RT: 17.02 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Instrument :

BNA_P

ClientSampleId :

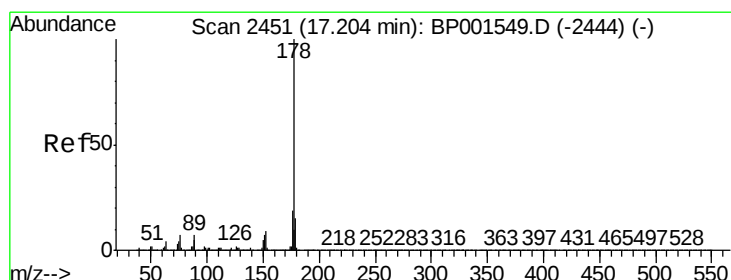
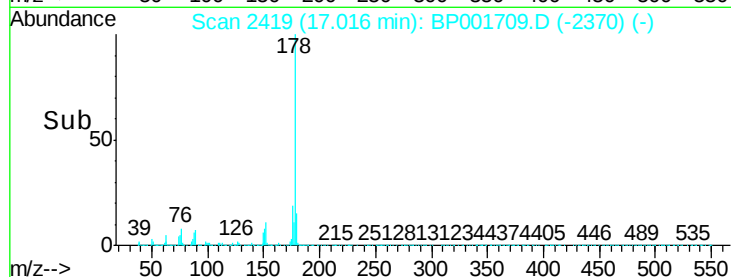
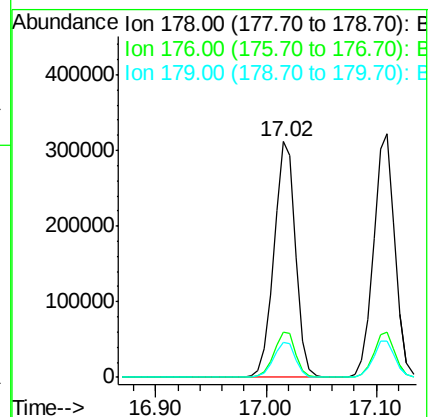
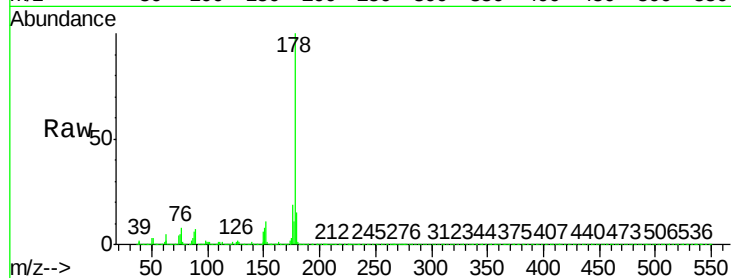
Tot Ion:178 Resp: 423626

Ion Ratio Lower Upper

178 100

176 19.1 14.9 22.3

179 15.0 12.5 18.7



#72

Anthracene

Concen: 52.049 ng

RT: 17.11 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

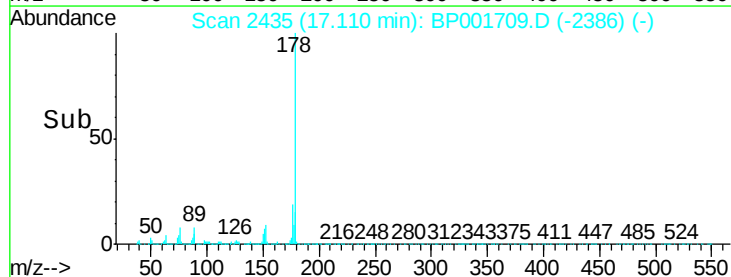
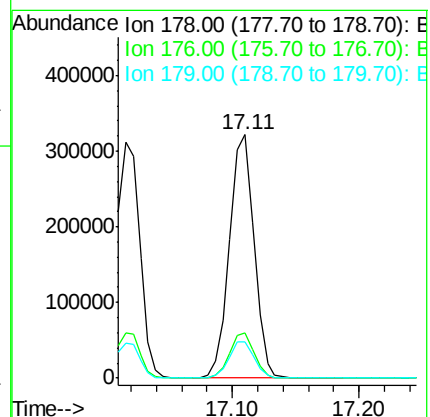
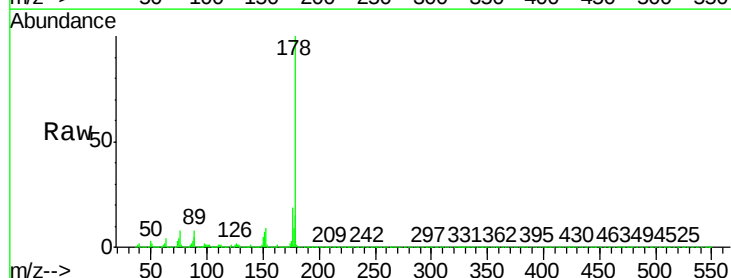
Tgt Ion:178 Resp: 432162

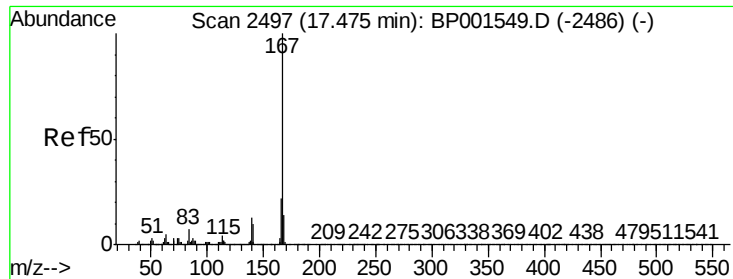
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 14.9 11.8 17.8

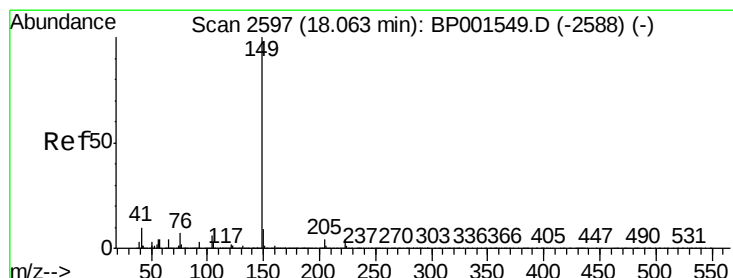
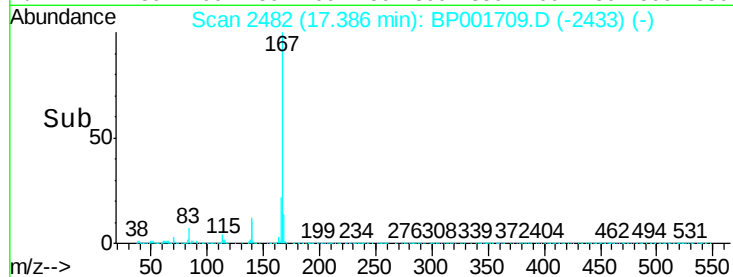
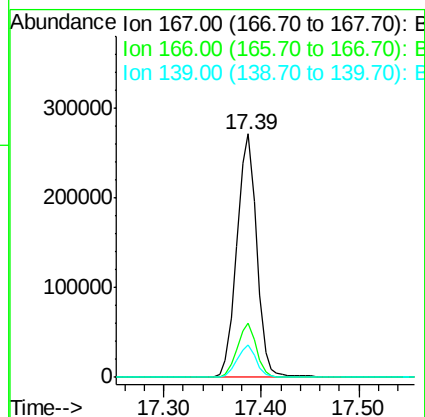
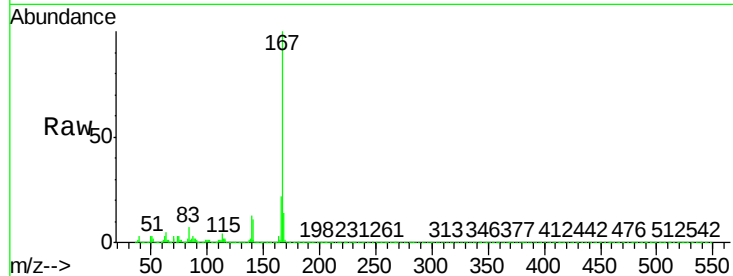




#73
 Carbazole
 Concen: 49.403 ng
 RT: 17.39 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BP001709.D
 Acq: 28 Jan 2020 16:37

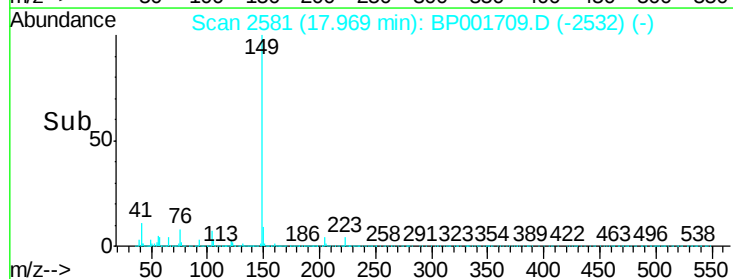
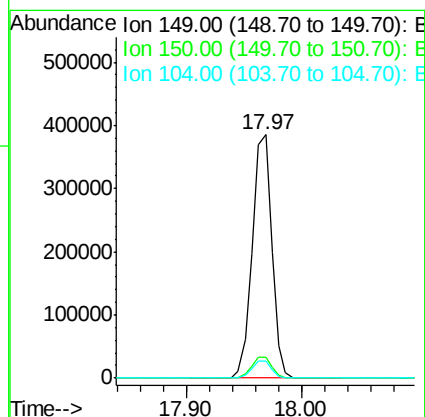
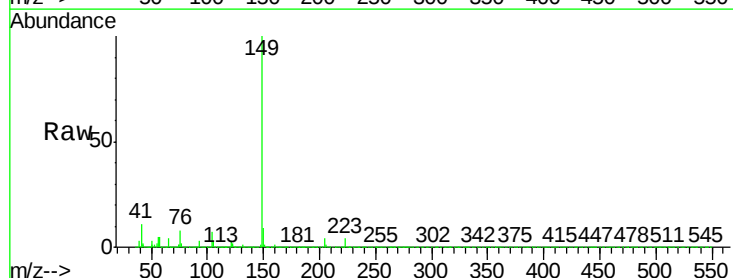
Instrument :
 BNA_P
 ClientSampleId :

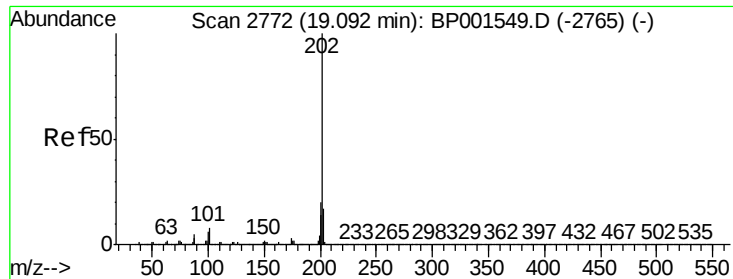
Tot Ion:167	Resp:	385106
Ion Ratio	Lower	Upper
167	100	
166	22.4	17.2 25.8
139	13.4	10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 49.397 ng
 RT: 17.97 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BP001709.D
 Acq: 28 Jan 2020 16:37

Tgt Ion:149	Resp:	455569
Ion Ratio	Lower	Upper
149	100	
150	8.8	7.0 10.6
104	6.8	5.0 7.4

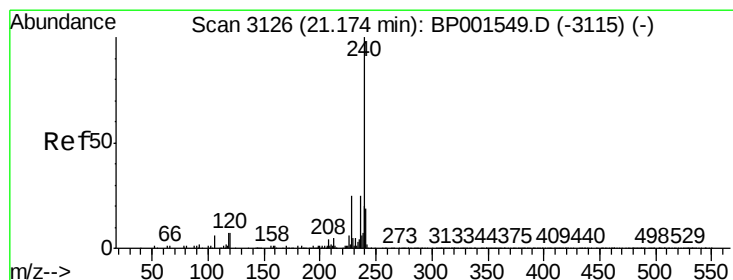
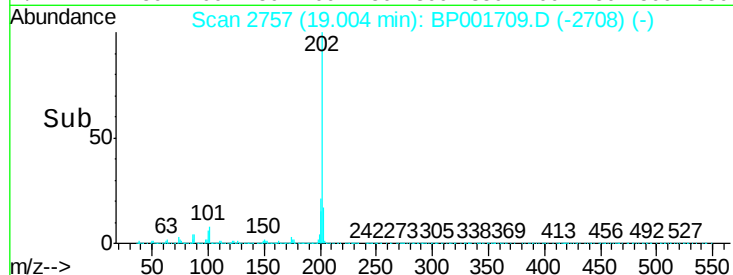
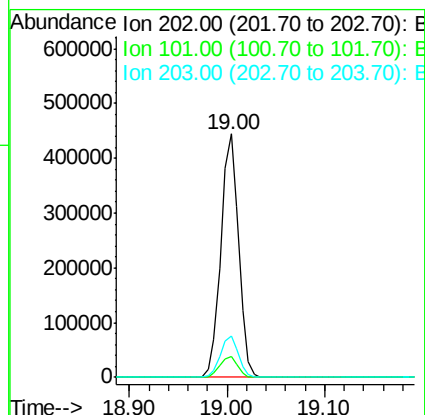
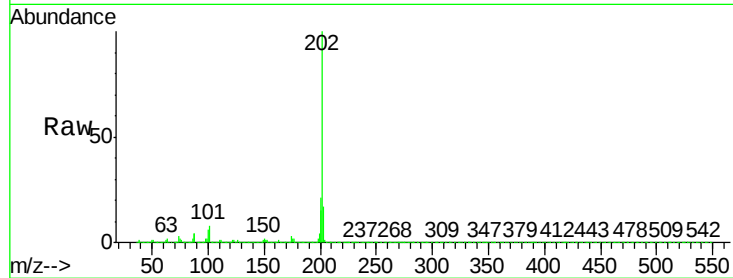




#75
 Fluoranthene
 Concen: 49.946 ng
 RT: 19.00 min Scan# 2757
 Delta R.T. -0.01 min
 Lab File: BP001709.D
 Acq: 28 Jan 2020 16:37

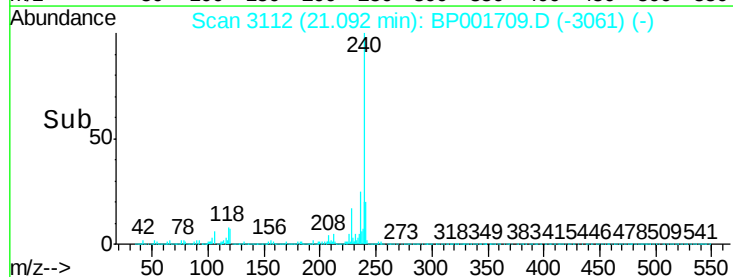
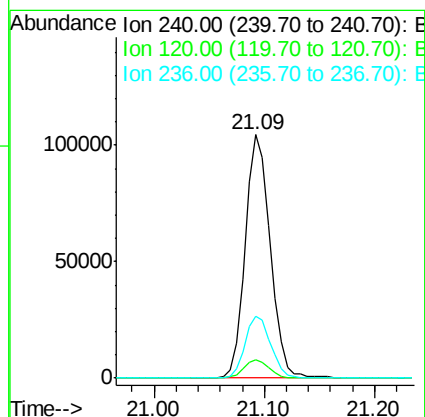
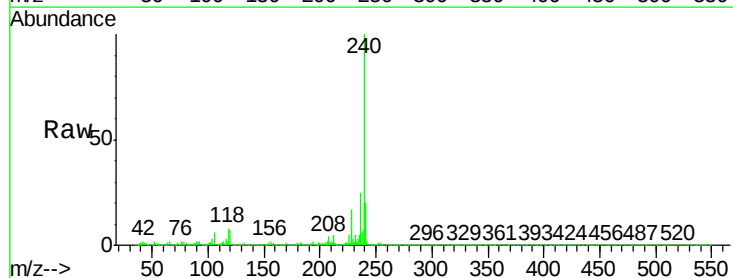
Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	202	Resp:	560530
Ion	Ratio	Lower	Upper
202	100		
101	8.4	0.0	28.4
203	17.2	0.0	37.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.09 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: BP001709.D
 Acq: 28 Jan 2020 16:37

Tgt Ion:	240	Resp:	166574
Ion	Ratio	Lower	Upper
240	100		
120	7.5	5.7	8.5
236	25.4	20.4	30.6





#77

Benzidine

Concen: 66.727 ng

RT: 19.19 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

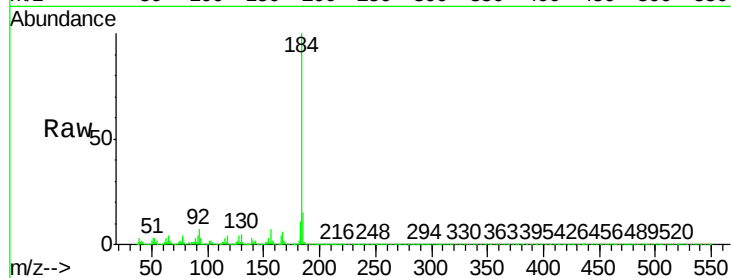
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 253794

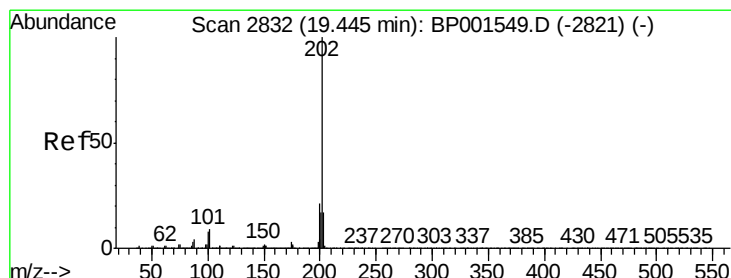
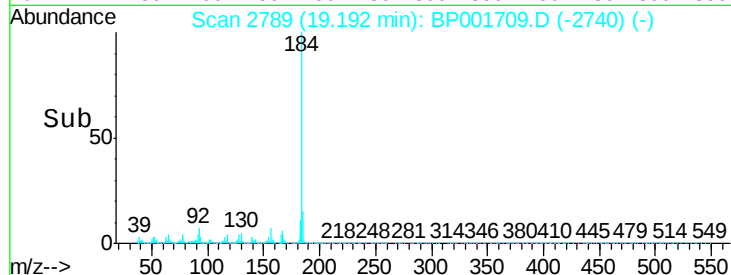
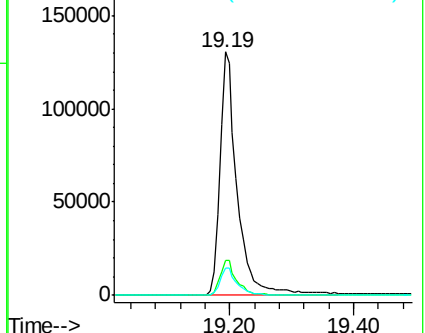
Ion	Ratio	Lower	Upper
184	100		
185	14.6	10.6	16.0
183	11.4	9.4	14.0



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: 47.012 ng

RT: 19.36 min Scan# 2817

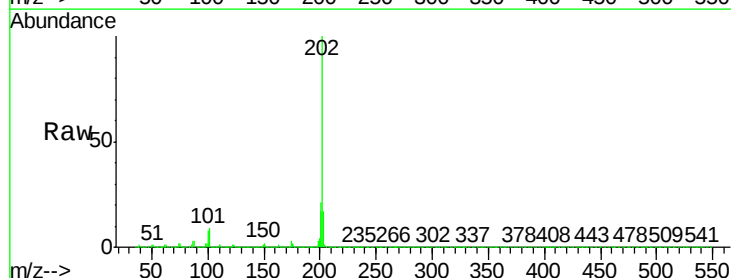
Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Tgt Ion:202 Resp: 575245

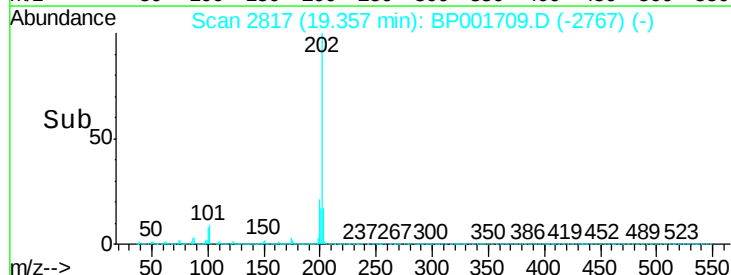
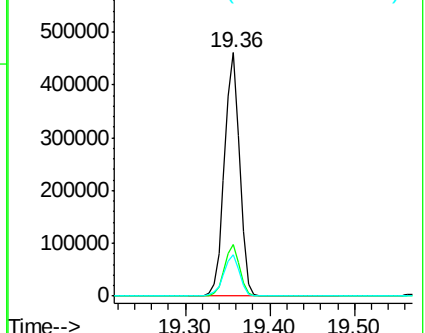
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.0	13.7	20.5

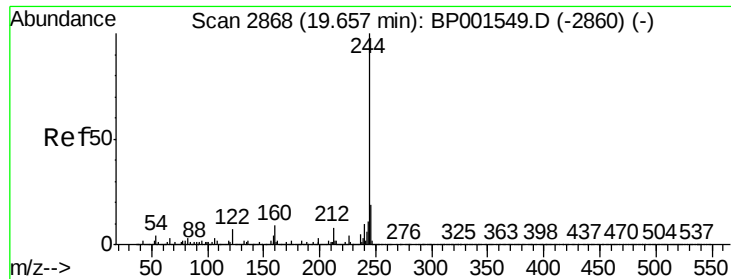


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.391 ng

RT: 19.57 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Instrument :

BNA_P

ClientSampled :

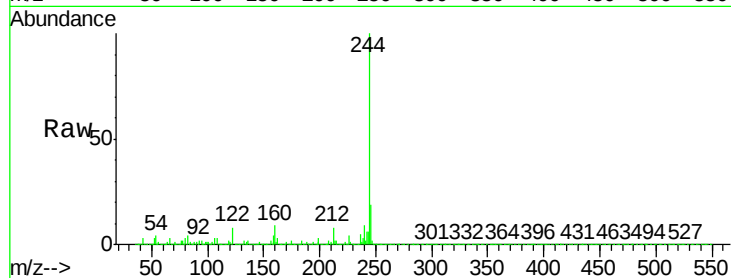
Tot Ion:244 Resp: 868744

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

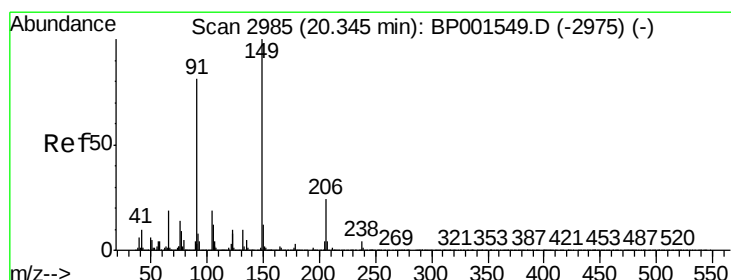
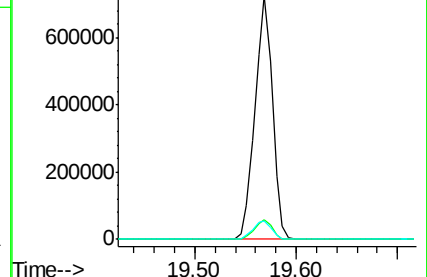
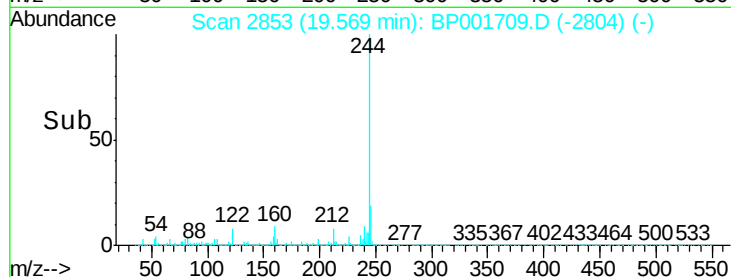
122 7.6 5.8 8.6



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: 46.900 ng

RT: 20.26 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

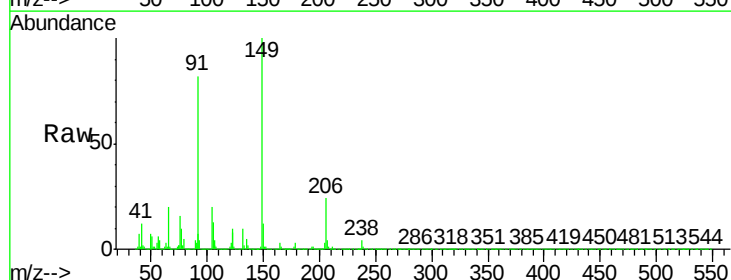
Tgt Ion:149 Resp: 218113

Ion Ratio Lower Upper

149 100

91 82.1 64.8 97.2

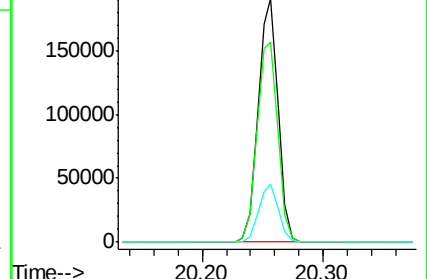
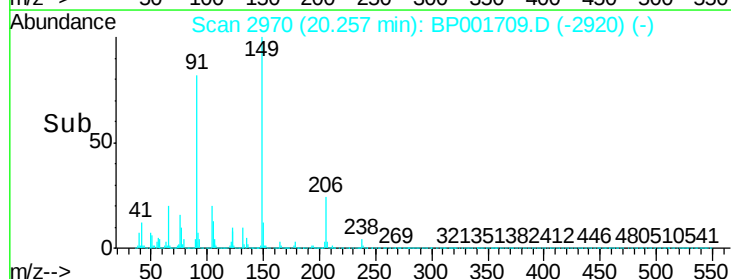
206 24.0 19.4 29.0

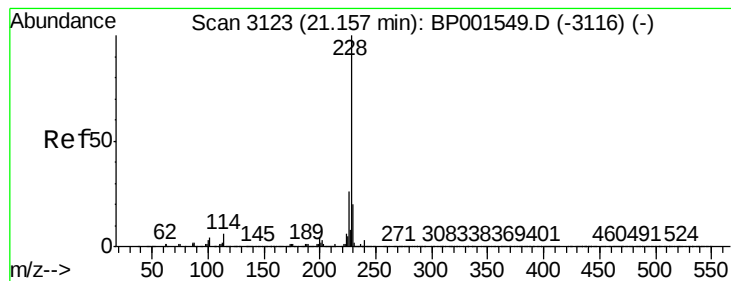


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 50.802 ng

RT: 21.07 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

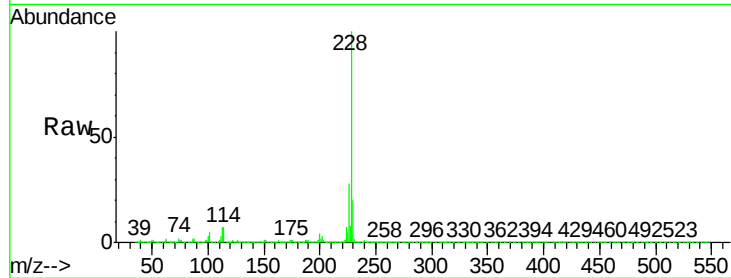
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 589350

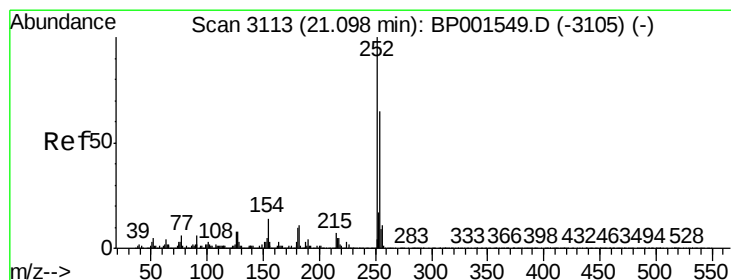
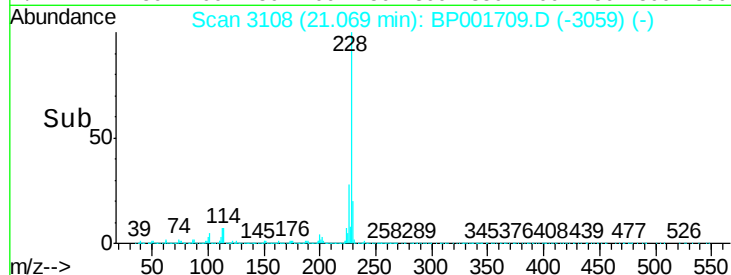
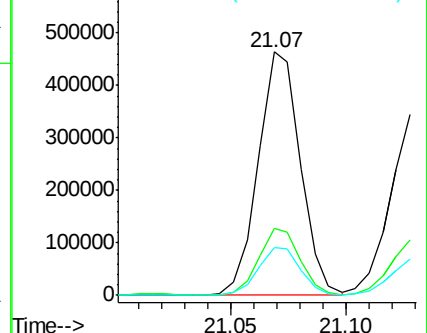
Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.2	31.8
229	19.8	16.1	24.1



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



#82

3,3'-Dichlorobenzidine

Concen: 45.120 ng

RT: 21.02 min Scan# 3099

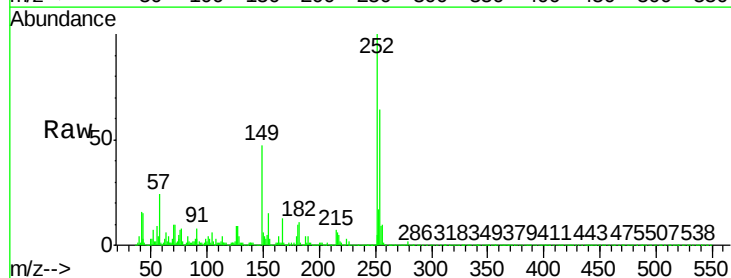
Delta R.T. -0.00 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Tgt Ion:252 Resp: 196282

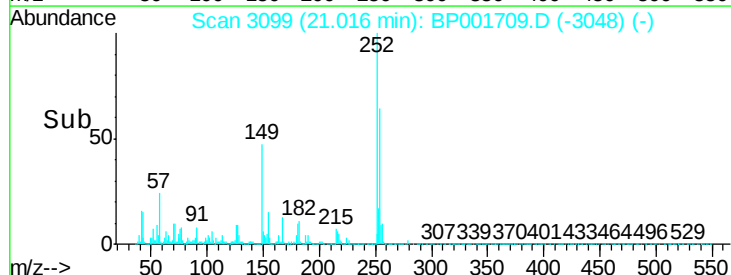
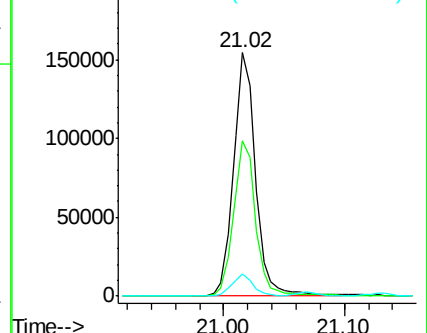
Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.2	78.2
126	8.9	6.6	9.8

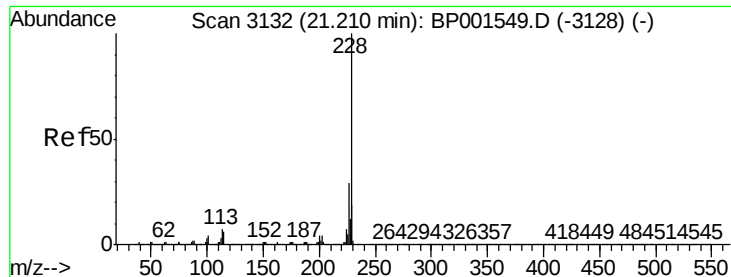


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 50.042 ng

RT: 21.13 min Scan# 3119

Delta R.T. 0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

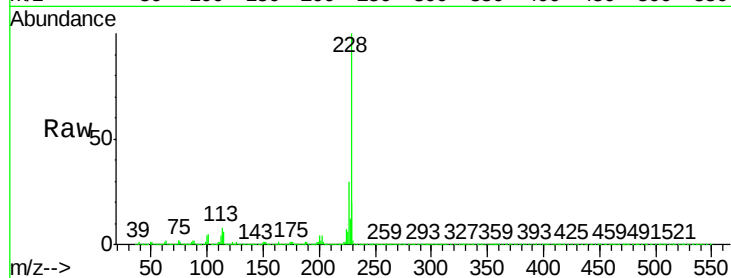
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 565748

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.2	34.8
229	19.8	15.2	22.8

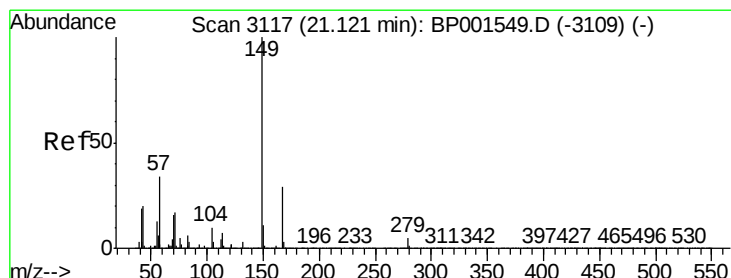
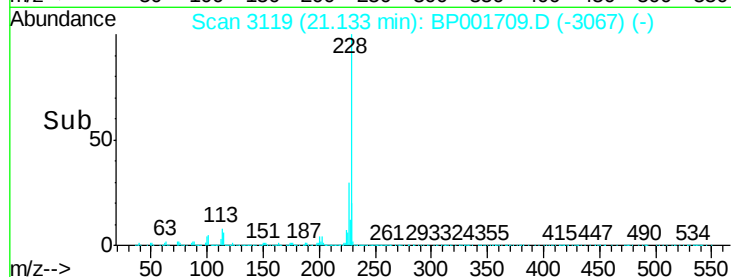
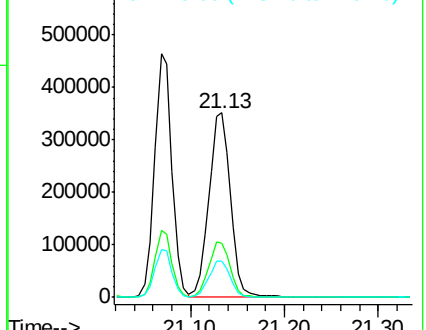


Abundance

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: 50.278 ng

RT: 21.03 min Scan# 3101

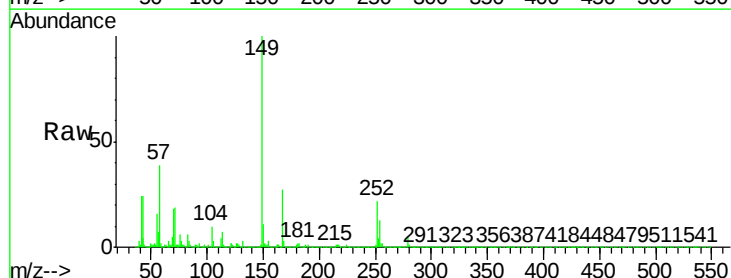
Delta R.T. -0.01 min

Lab File: BP001709.D

Acq: 28 Jan 2020 16:37

Tgt Ion:149 Resp: 320541

Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.5	35.3
279	4.5	4.0	6.0

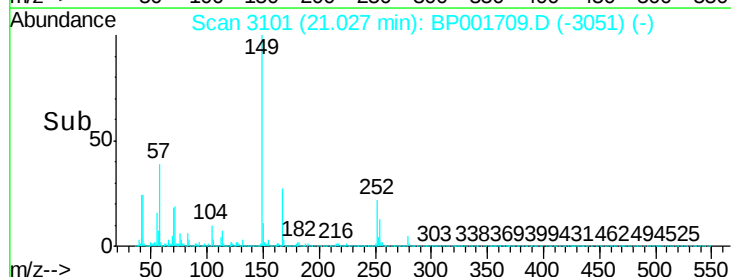
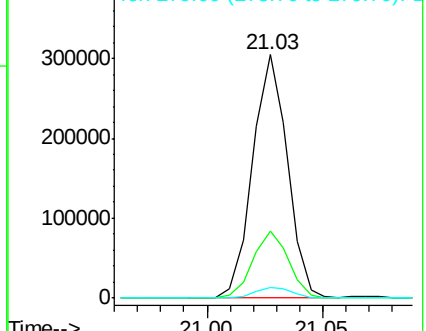


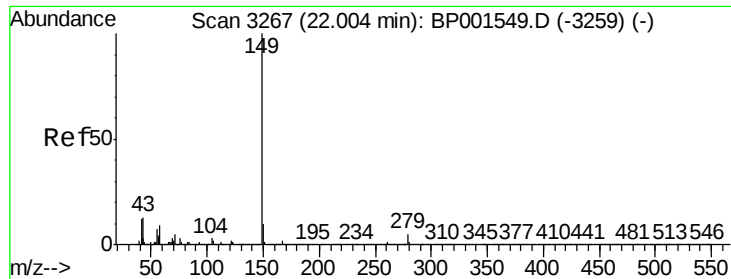
Abundance

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

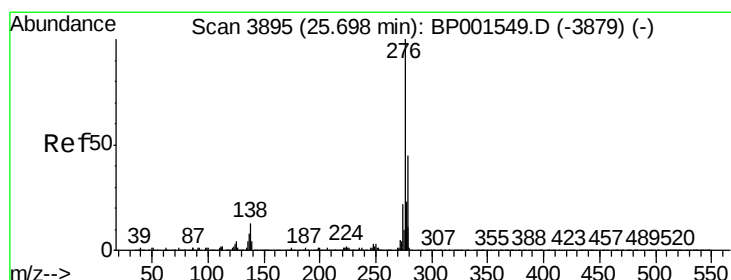
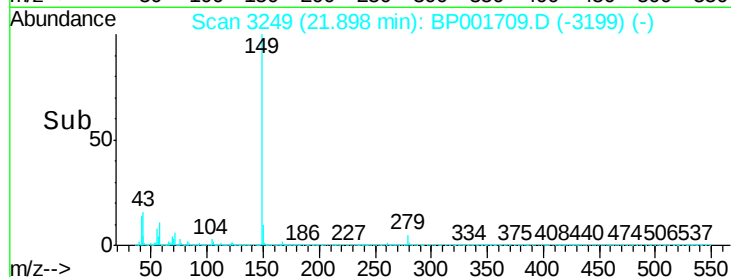
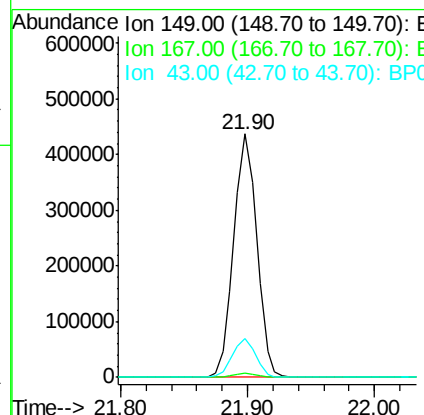
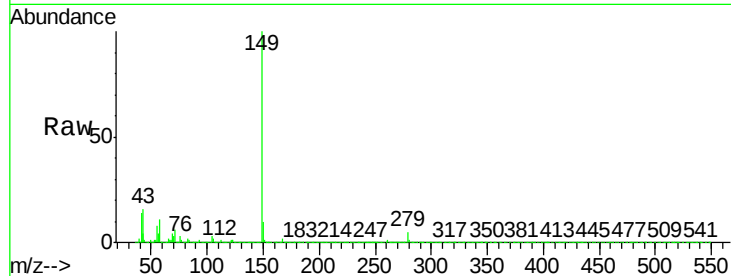




#85
Di-n-octyl phthalate
Concen: 54.165 ng
RT: 21.90 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

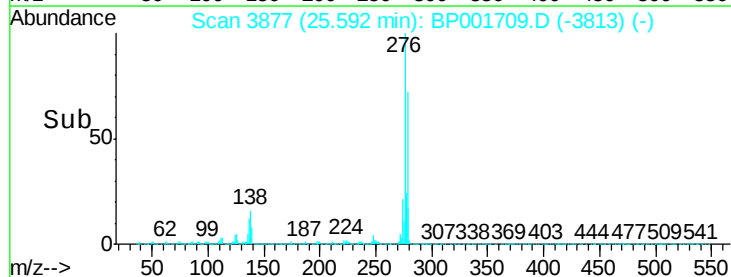
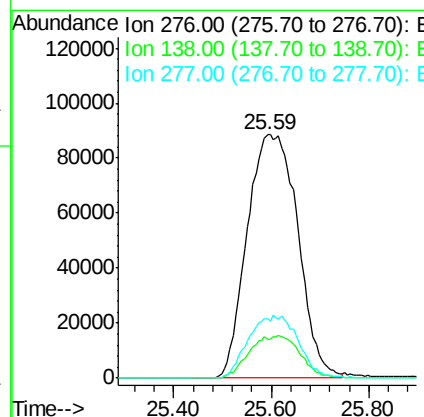
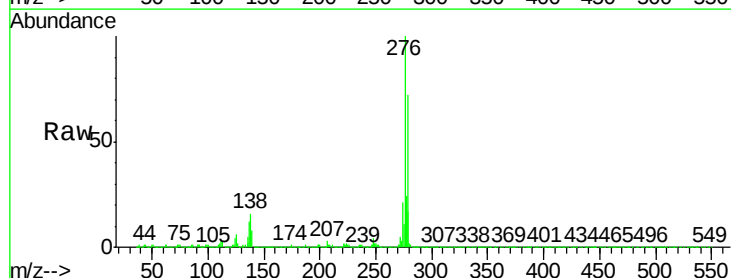
Instrument :
BNA_P
ClientSampled :

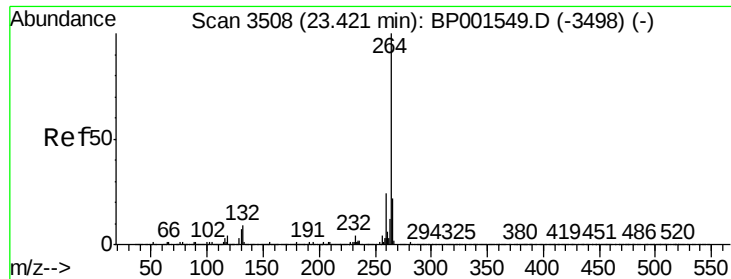
Tot Ion:149 Resp: 550616
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 15.9 10.7 16.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.171 ng
RT: 25.59 min Scan# 3877
Delta R.T. 0.08 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion:276 Resp: 637490
Ion Ratio Lower Upper
276 100
138 7.8 11.1 16.7#
277 25.3 20.4 30.6

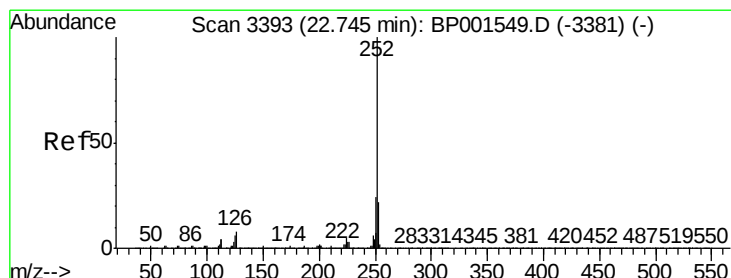
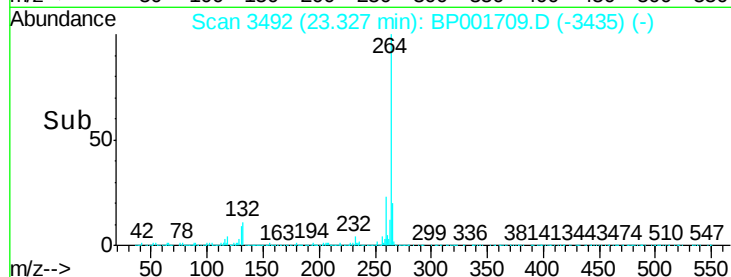
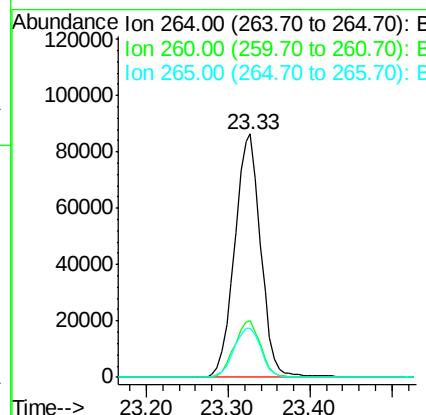
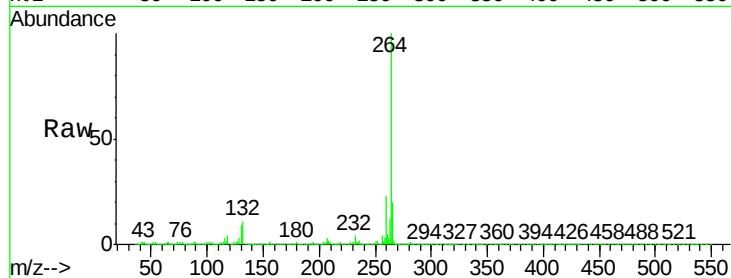




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3492
Delta R.T. 0.04 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

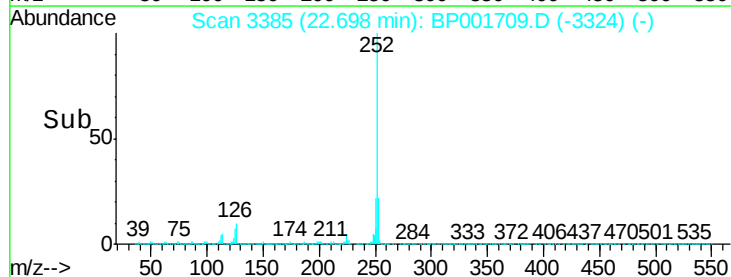
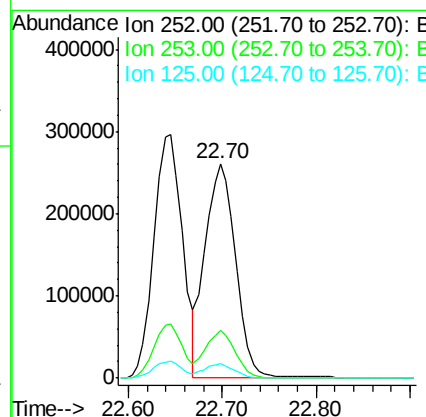
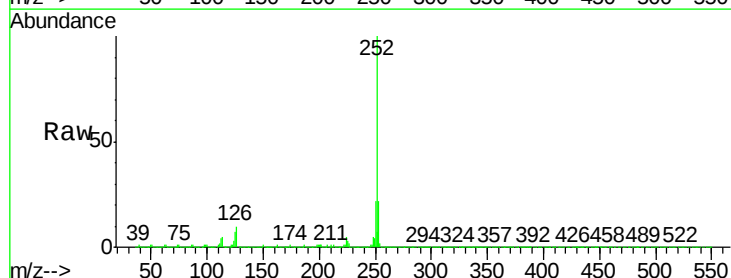
Instrument :
BNA_P
ClientSampleId :

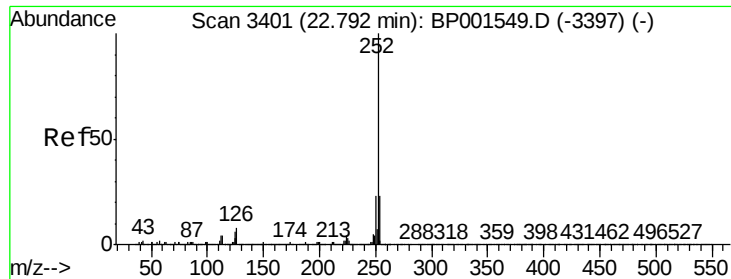
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.6
265	20.3	18.2	27.4



#88
Benzo(b)fluoranthene
Concen: 48.937 ng
RT: 22.70 min Scan# 3385
Delta R.T. 0.06 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	6.7	4.6	7.0

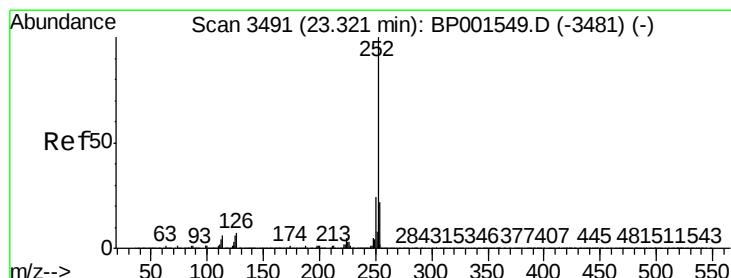
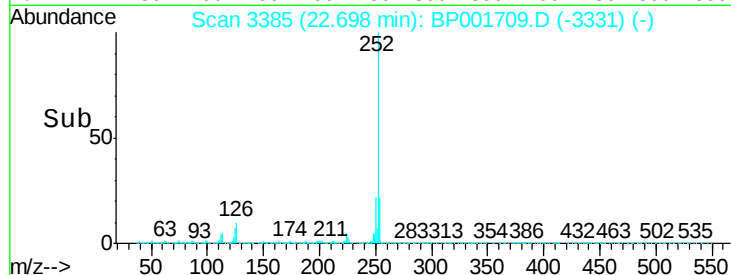
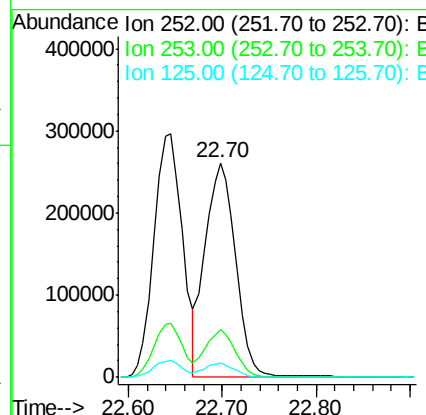
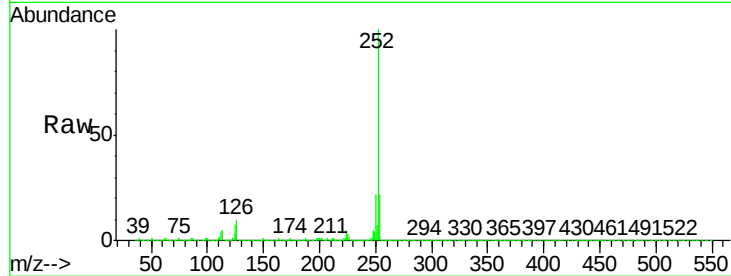




#89
Benzo(k)fluoranthene
Concen: 50.191 ng
RT: 22.70 min Scan# 3385
Delta R.T. 0.02 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

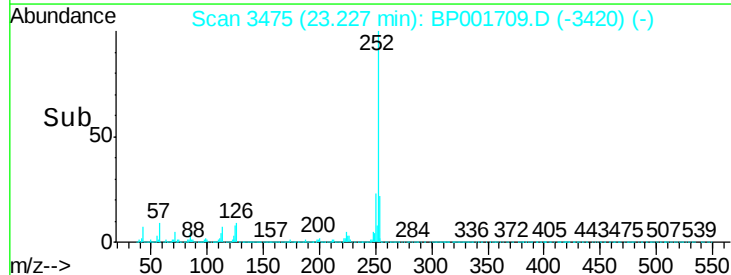
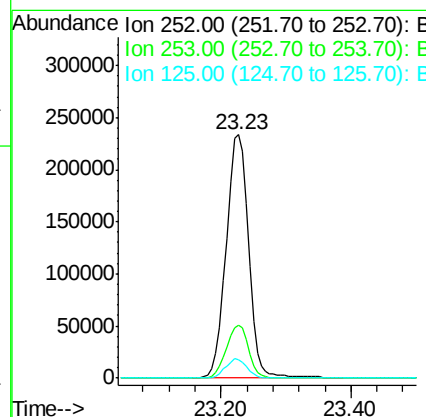
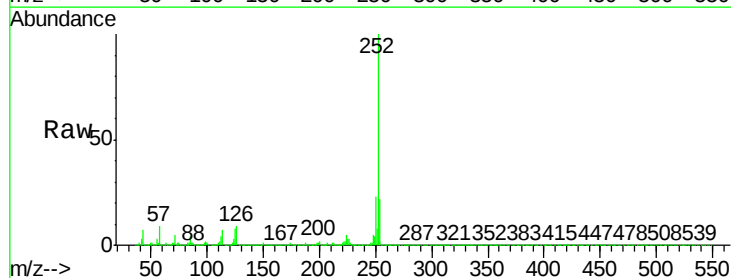
Instrument :
BNA_P
ClientSampleId :

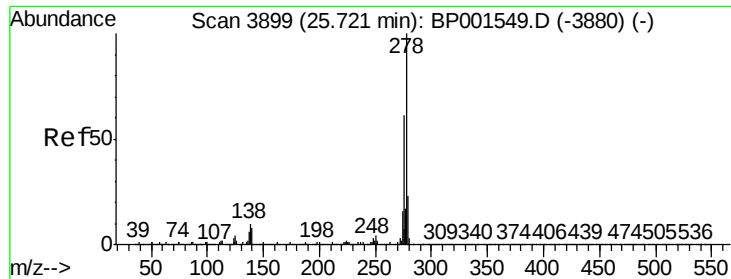
Tot Ion:252 Resp: 590443
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 6.7 4.6 6.8



#90
Benzo(a)pyrene
Concen: 48.865 ng
RT: 23.23 min Scan# 3475
Delta R.T. 0.02 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion:252 Resp: 559786
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 7.7 5.0 7.4#

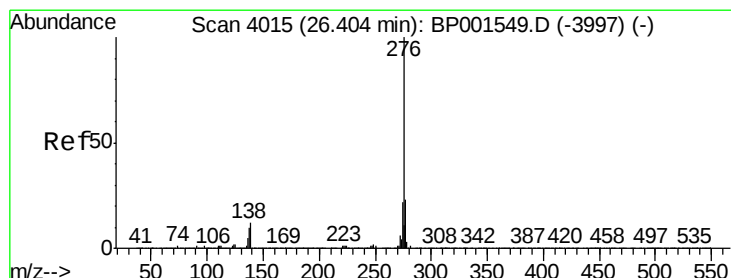
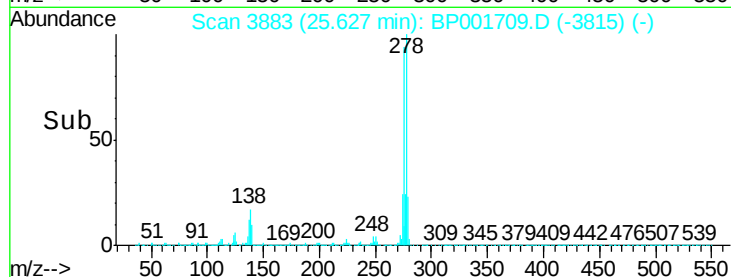
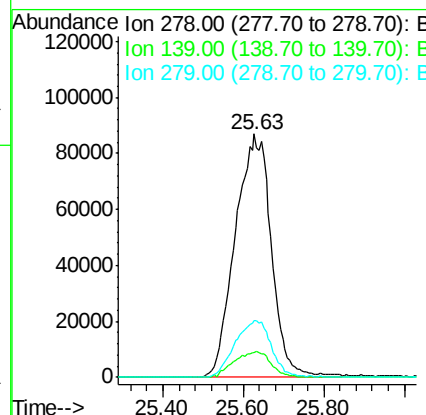
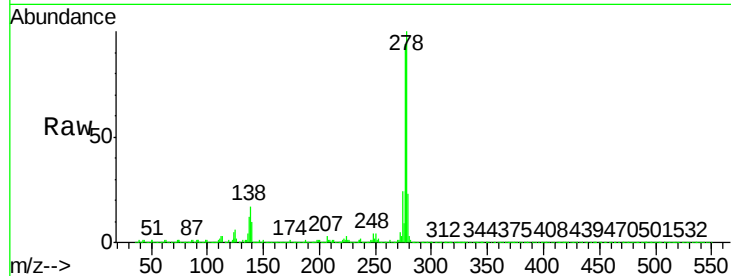




#91
Dibenzo(a,h)anthracene
Concen: 45.851 ng
RT: 25.63 min Scan# 3883
Delta R.T. 0.10 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.1	6.7	10.1
279	23.2	18.6	28.0



#92
Benzo(g,h,i)perylene
Concen: 44.783 ng
RT: 26.36 min Scan# 4007
Delta R.T. 0.16 min
Lab File: BP001709.D
Acq: 28 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	14.8	9.4	14.2

