

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092519\
 Data File : BP000406.D
 Acq On : 25 Sep 2019 13:40
 Operator : JU
 Sample : PB123345BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 25 23:27:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	206547	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	792973	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	432906	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	793607	20.00	ng	0.00
76) Chrysene-d12	14.00	240	442021	20.00	ng	0.00
87) Perylene-d12	15.49	264	483885	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1379359	115.29	ng	0.01
7) Phenol-d6	6.43	99	1662019	113.33	ng	0.00
23) Nitrobenzene-d5	7.35	82	889152	72.35	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	506876	118.05	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1920851	79.86	ng	0.00
79) Terphenyl-d14	12.93	244	1585553	75.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	221543	41.033	ng	99
3) Pyridine	3.28	79	532444	36.632	ng	99
4) n-Nitrosodimethylamine	3.20	42	173872	42.424	ng	98
6) Aniline	6.45	93	676505	33.456	ng	# 88
8) 2-Chlorophenol	6.58	128	578845	44.929	ng	99
9) Benzaldehyde	6.33	77	301787	37.785	ng	98
10) Phenol	6.44	94	724333	43.470	ng	87
11) bis(2-Chloroethyl)ether	6.52	93	538057	42.168	ng	98
12) 1,3-Dichlorobenzene	6.73	146	647800	41.901	ng	99
13) 1,4-Dichlorobenzene	6.80	146	657626	42.752	ng	98
14) 1,2-Dichlorobenzene	6.96	146	614177	43.587	ng	100
15) Benzyl Alcohol	6.93	79	458993	43.006	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	487761	40.320	ng	99
17) 2-Methylphenol	7.05	107	475443	43.086	ng	99
18) Hexachloroethane	7.30	117	231762	40.714	ng	91
19) n-Nitroso-di-n-propylamine	7.20	70	323768	41.755	ng	99
20) 3+4-Methylphenols	7.20	107	587945	44.062	ng	# 86
22) Acetophenone	7.19	105	776844	45.206	ng	99
24) Nitrobenzene	7.36	77	548799	42.990	ng	96
25) Isophorone	7.60	82	1010299	41.513	ng	99
26) 2-Nitrophenol	7.69	139	299935	44.319	ng	98
27) 2,4-Dimethylphenol	7.73	122	512713	47.561	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	674489	41.670	ng	99
29) 2,4-Dichlorophenol	7.93	162	510639	44.197	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	555528	41.949	ng	99
31) Naphthalene	8.09	128	1651214	44.961	ng	99
32) Benzoic acid	7.83	122	287229	39.461	ng	98
33) 4-Chloroaniline	8.14	127	458280	27.573	ng	98
34) Hexachlorobutadiene	8.22	225	321353	40.954	ng	99
35) Caprolactam	8.49	113	104169	26.504	ng	93
36) 4-Chloro-3-methylphenol	8.63	107	514037	43.827	ng	100
37) 2-Methylnaphthalene	8.79	142	1123631	44.756	ng	99
38) 1-Methylnaphthalene	8.89	142	1038821	44.172	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	556290	44.944	ng	99

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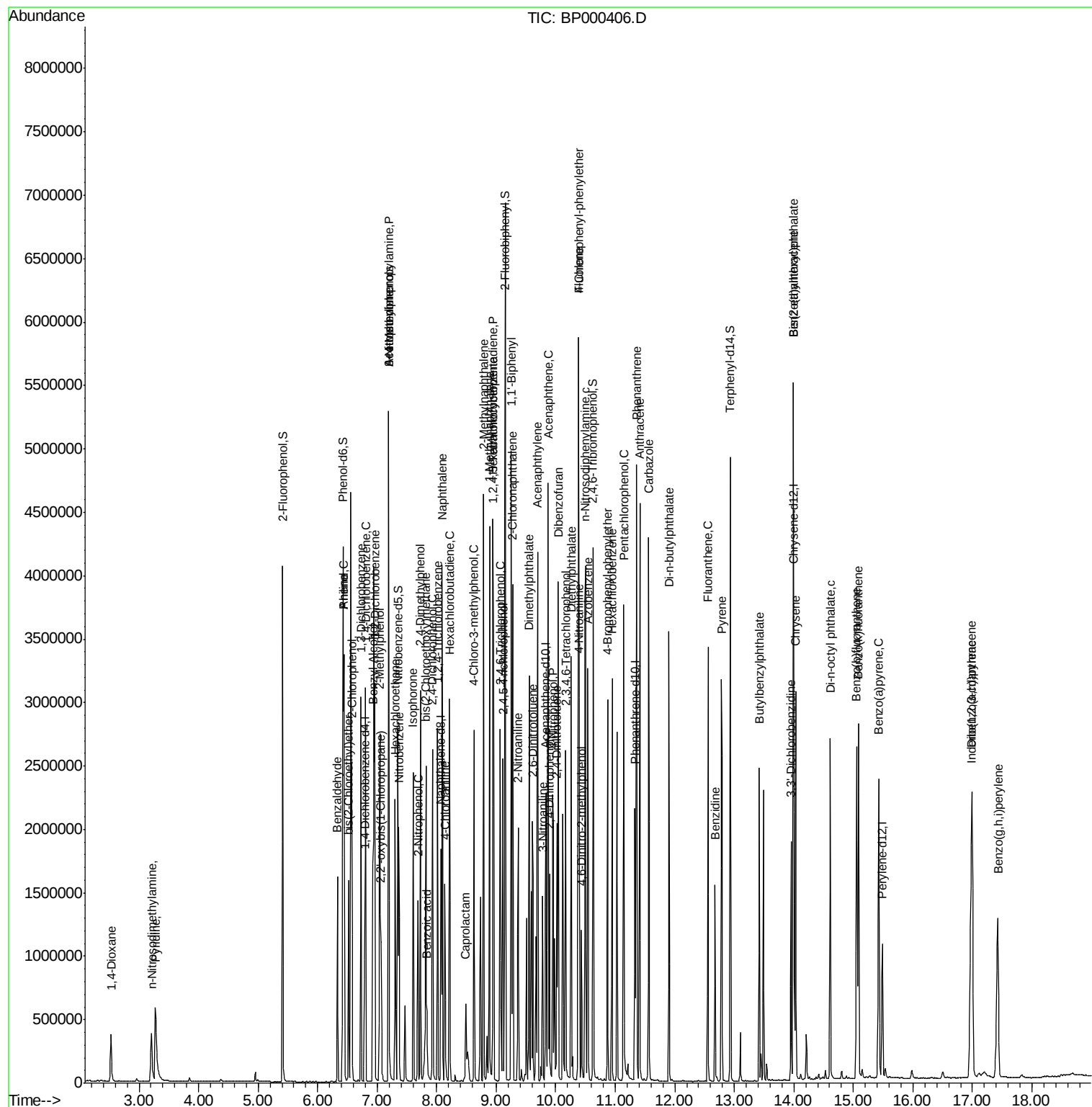
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	512495	72.105	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	370929	43.309	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	399414	45.544	ng	98
46) 1,1'-Biphenyl	9.25	154	1360980	45.445	ng	99
47) 2-Chloronaphthalene	9.28	162	1071140	42.638	ng	99
48) 2-Nitroaniline	9.37	65	263230	41.261	ng	97
49) Acenaphthylene	9.69	152	1706253	45.184	ng	100
50) Dimethylphthalate	9.55	163	1260825	42.748	ng	100
51) 2,6-Dinitrotoluene	9.61	165	291009	44.873	ng	98
52) Acenaphthene	9.87	154	1013869	42.545	ng	99
53) 3-Nitroaniline	9.78	138	225847	30.003	ng	99
54) 2,4-Dinitrophenol	9.89	184	226697	79.123	ng	100
55) Dibenzofuran	10.04	168	1515066	44.974	ng	100
56) 4-Nitrophenol	9.96	139	462025	82.522	ng	91
57) 2,4-Dinitrotoluene	10.02	165	388397	45.812	ng	96
58) Fluorene	10.39	166	1169203	44.935	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	322317	44.665	ng	99
60) Diethylphthalate	10.26	149	1235923	43.560	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	600550	44.963	ng	93
62) 4-Nitroaniline	10.40	138	317407	42.869	ng	97
63) Azobenzene	10.54	77	1059396	44.072	ng	99
65) 4,6-Dinitro-2-methylphenol	10.43	198	170163	45.601	ng	95
66) n-Nitrosodiphenylamine	10.50	169	1063987	44.536	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	373895	41.663	ng	97
68) Hexachlorobenzene	10.95	284	407395	41.524	ng	100
69) Atrazine	11.03	200	334377	Below Cal		99
70) Pentachlorophenol	11.14	266	430496	80.566	ng	99
71) Phenanthrene	11.36	178	1758280	44.212	ng	100
72) Anthracene	11.41	178	1775602	43.375	ng	100
73) Carbazole	11.56	167	1635443	44.363	ng	99
74) Di-n-butylphthalate	11.90	149	1802869	38.636	ng	100
75) Fluoranthene	12.56	202	1290767	30.226	ng	95
77) Benzidine	12.67	184	571676	36.213	ng	99
78) Pyrene	12.79	202	1322595	39.993	ng	99
80) Butylbenzylphthalate	13.42	149	550341	36.217	ng	96
81) Benzo(a)anthracene	13.99	228	1190550	42.639	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	391834	34.919	ng	99
83) Chrysene	14.03	228	1173977	42.823	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	736538	40.378	ng	99
85) Di-n-octyl phthalate	14.61	149	1326912	39.248	ng	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1421594	42.542	ng	# 93
88) Benzo(b)fluoranthene	15.06	252	1239655	42.944	ng	# 97
89) Benzo(k)fluoranthene	15.09	252	1252875	49.756	ng	# 97
90) Benzo(a)pyrene	15.43	252	1221773	46.515	ng	# 96
91) Dibenzo(a,h)anthracene	17.00	278	1184397	48.364	ng	# 95
92) Benzo(g,h,i)perylene	17.43	276	1176803	46.751	ng	# 94

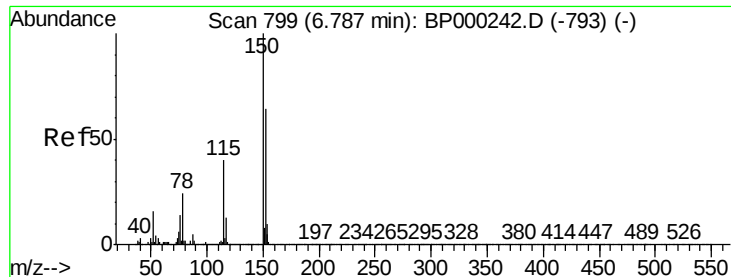
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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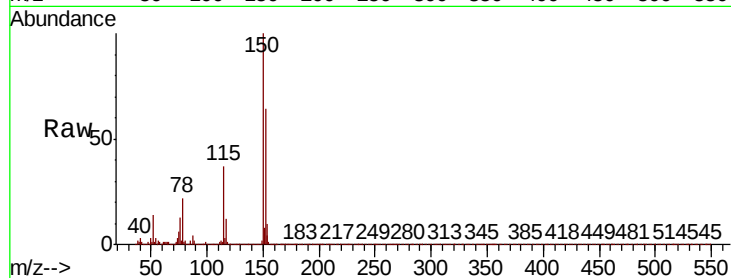


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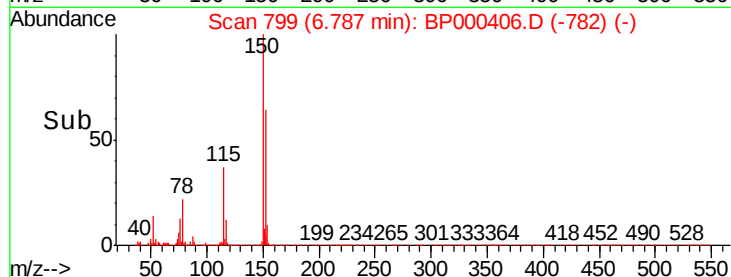
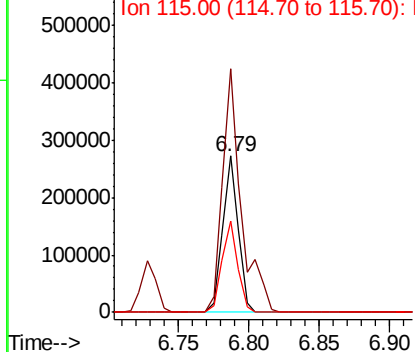
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.2	187.8
115	58.5	49.7	74.5



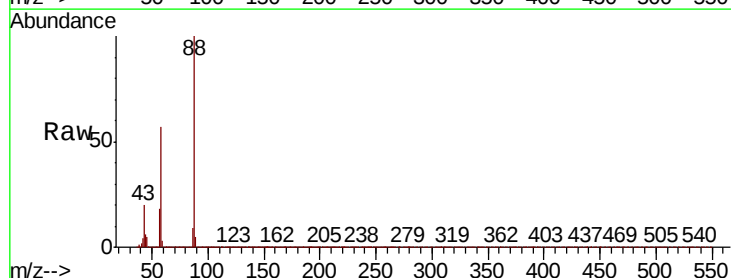
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



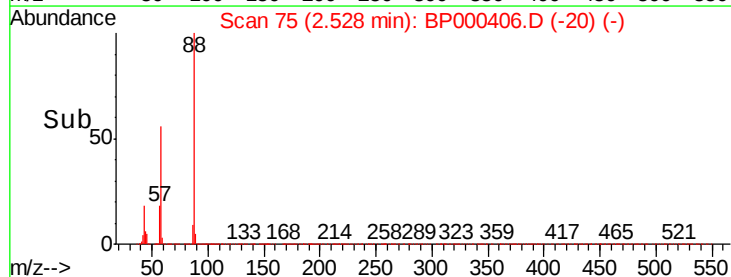
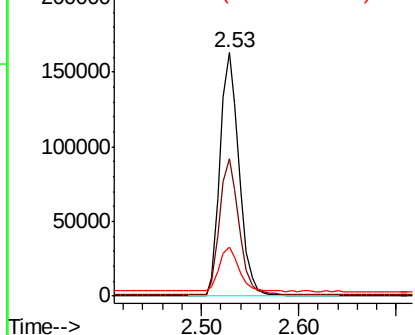
#2

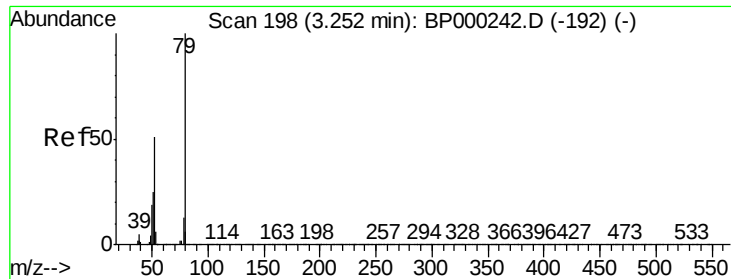
1,4-Dioxane
Concen: 41.033 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.02 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.2	45.4	68.2
43	19.8	15.0	22.6



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 36.632 ng

RT: 3.28 min Scan# 202

Delta R.T. 0.02 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Instrument :

BNA_P

ClientSampleId :

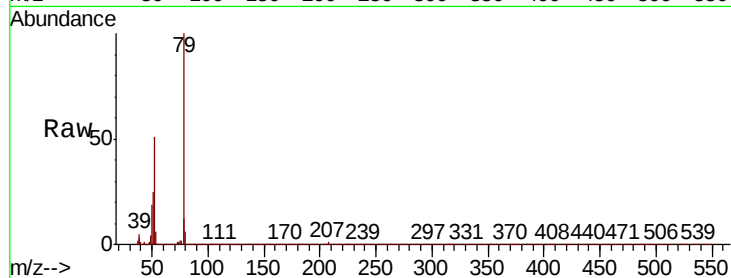
Tot Ion: 79 Resp: 532444

Ion Ratio Lower Upper

79 100

52 50.7 40.9 61.3

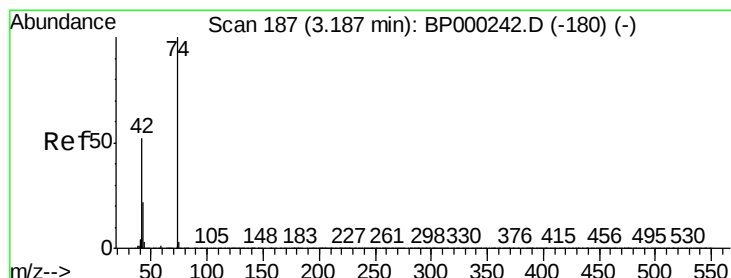
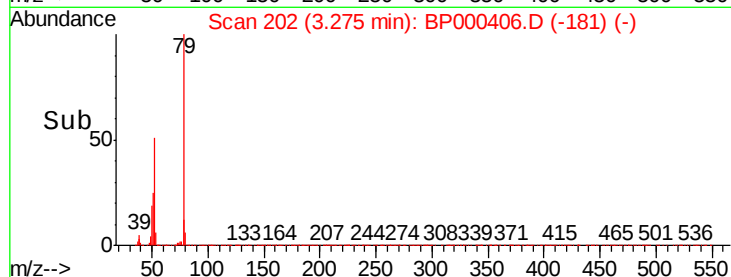
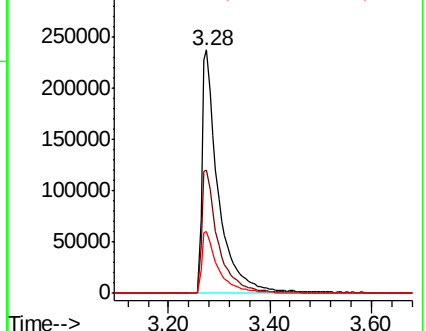
51 25.4 20.2 30.2



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: 42.424 ng

RT: 3.20 min Scan# 190

Delta R.T. 0.02 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

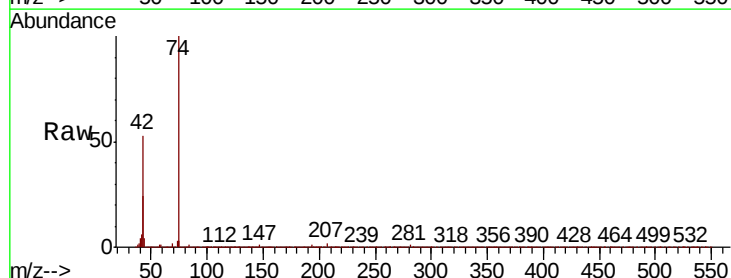
Tgt Ion: 42 Resp: 173872

Ion Ratio Lower Upper

42 100

74 190.5 154.5 231.7

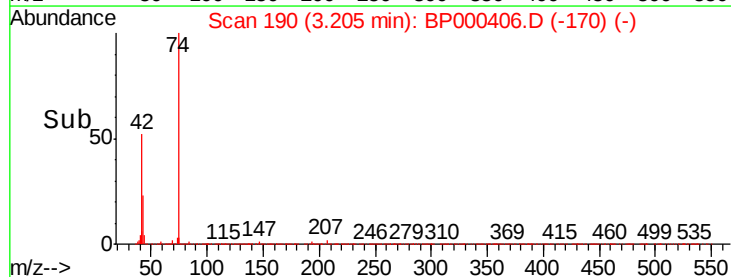
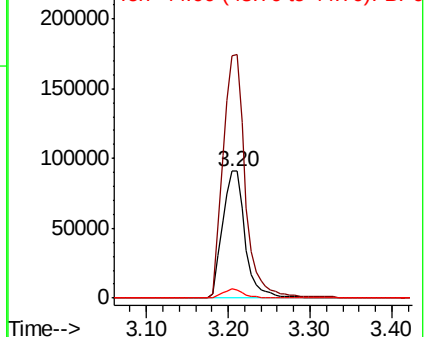
44 7.2 5.9 8.9

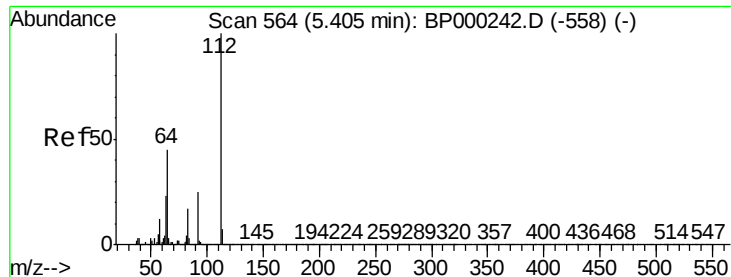


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 115.289 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Instrument :

BNA_P

ClientSampleId :

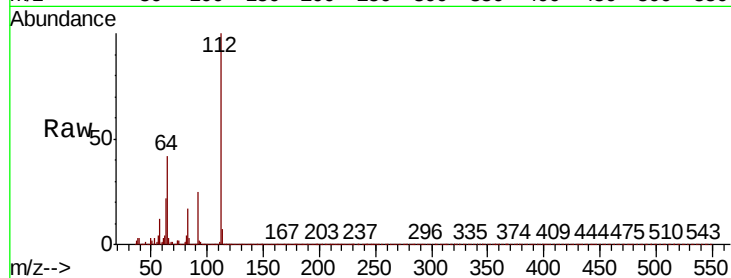
Tot Ion:112 Resp: 1379359

Ion Ratio Lower Upper

112 100

64 42.4 36.2 54.4

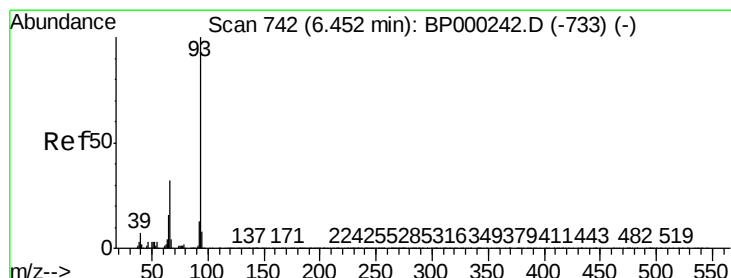
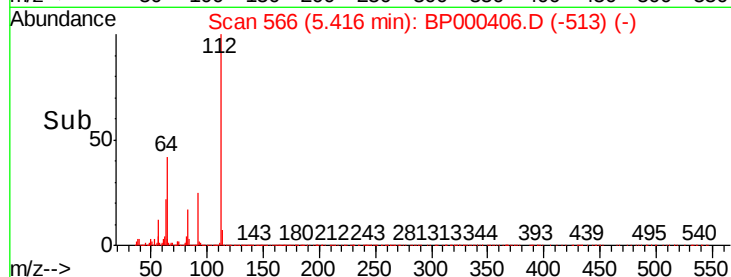
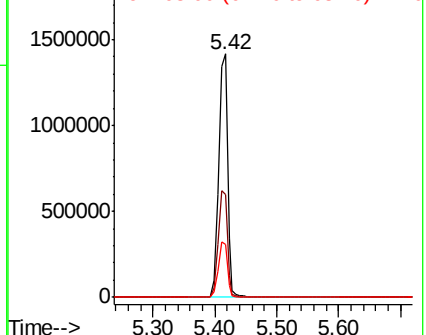
63 21.8 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 33.456 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

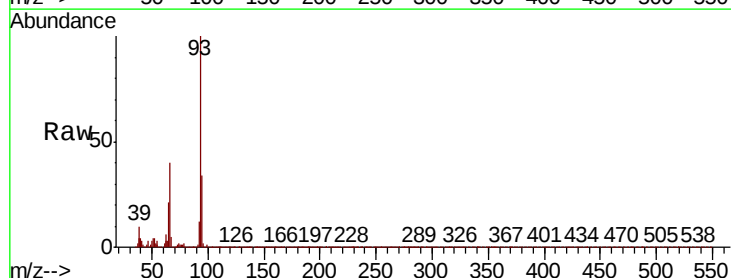
Tgt Ion: 93 Resp: 676505

Ion Ratio Lower Upper

93 100

66 39.5 26.2 39.2#

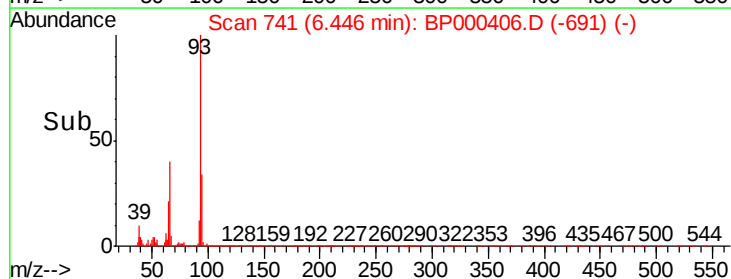
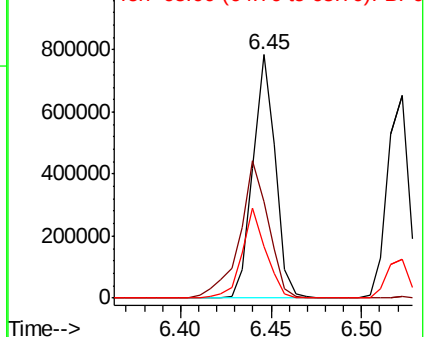
65 21.3 12.7 19.1#

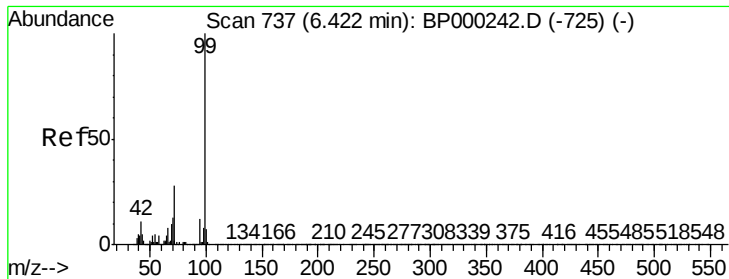


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 113.326 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

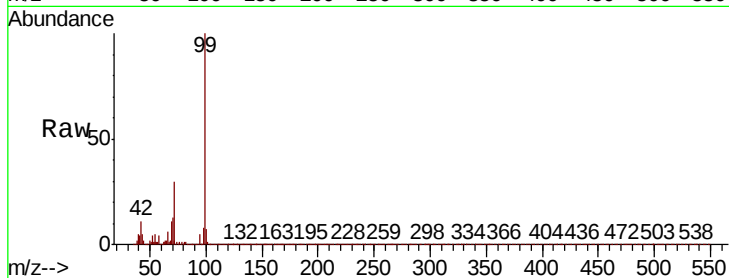
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1662019

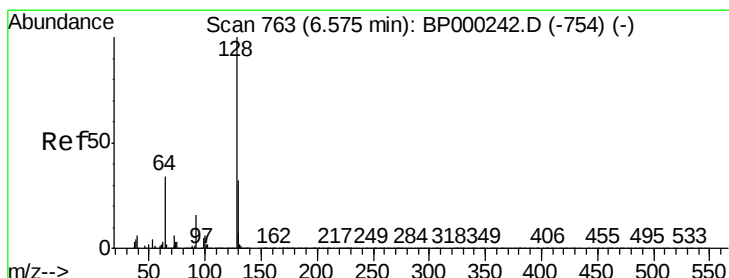
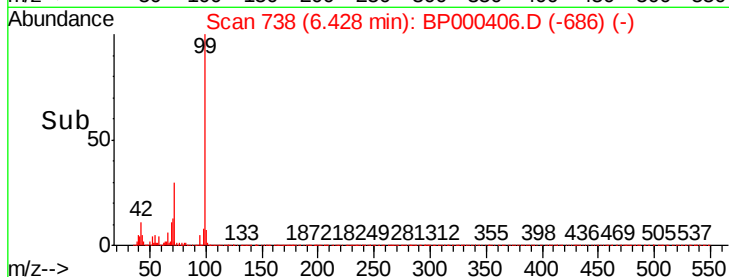
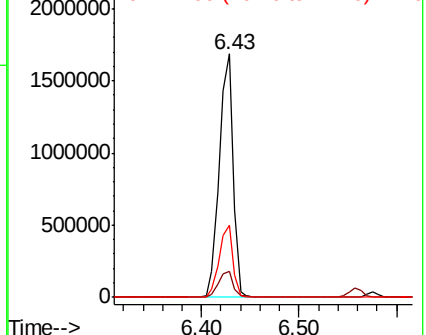
Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.5	12.7
71	29.6	22.6	34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 44.929 ng

RT: 6.58 min Scan# 763

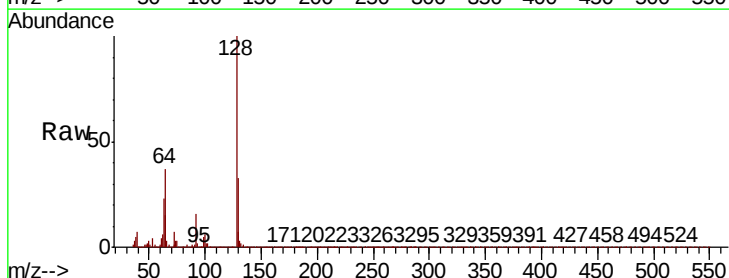
Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Tgt Ion: 128 Resp: 578845

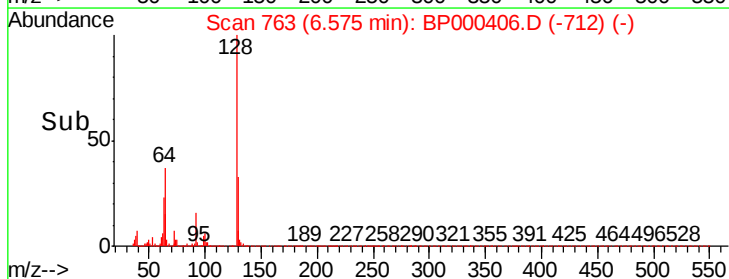
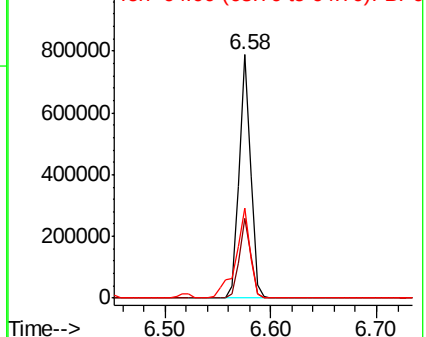
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.5	52.5
64	36.9	16.0	56.0

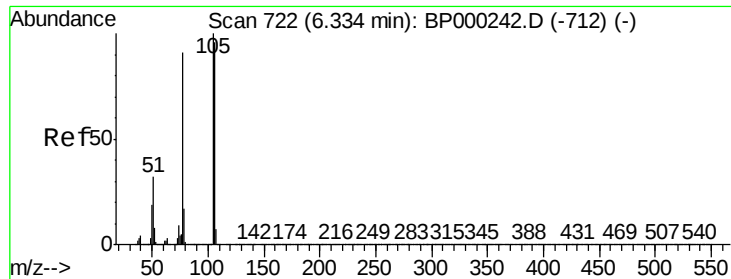


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 37.785 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Instrument :

BNA_P

ClientSampled :

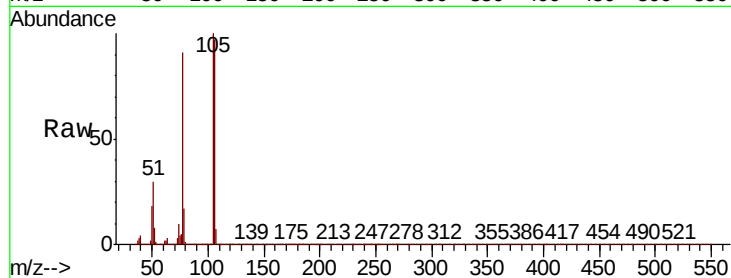
Tot Ion: 77 Resp: 301787

Ion Ratio Lower Upper

77 100

105 110.2 89.6 129.6

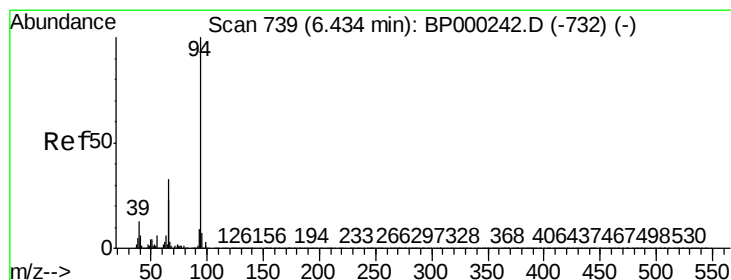
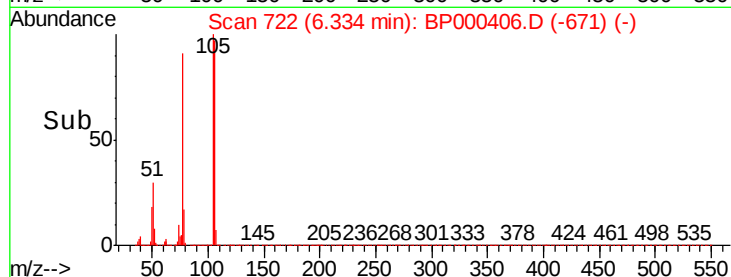
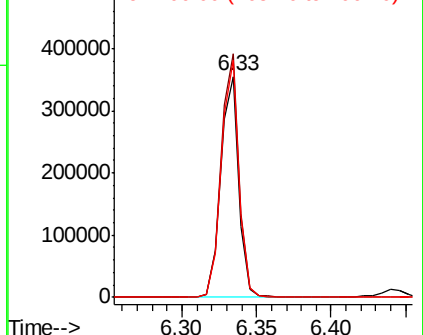
106 107.4 84.6 124.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 43.470 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

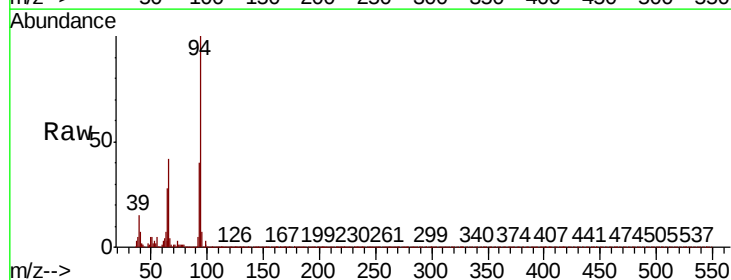
Tgt Ion: 94 Resp: 724333

Ion Ratio Lower Upper

94 100

65 27.6 3.3 43.3

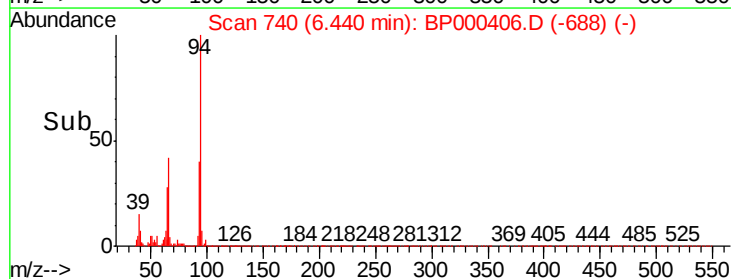
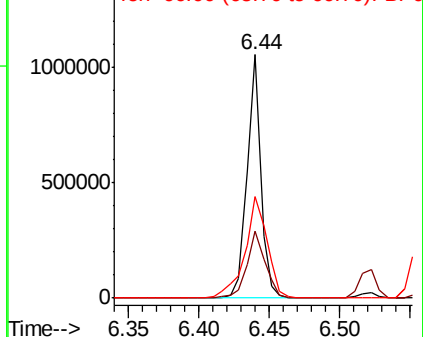
66 41.9 12.7 52.7

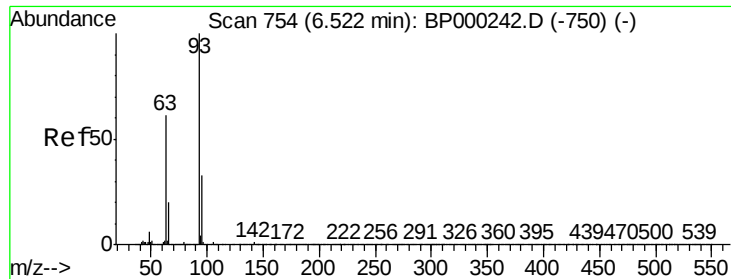


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

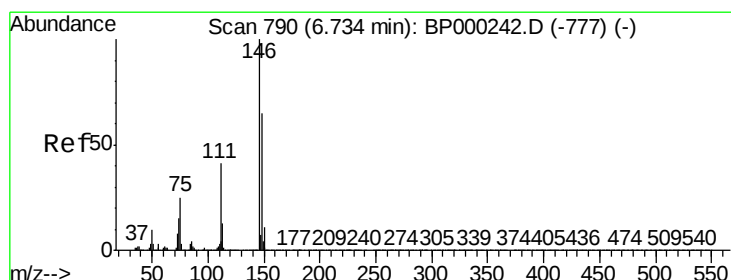
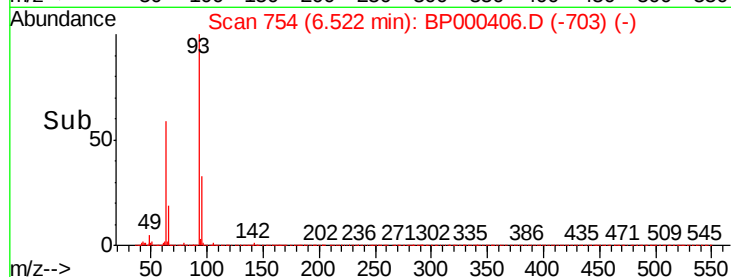
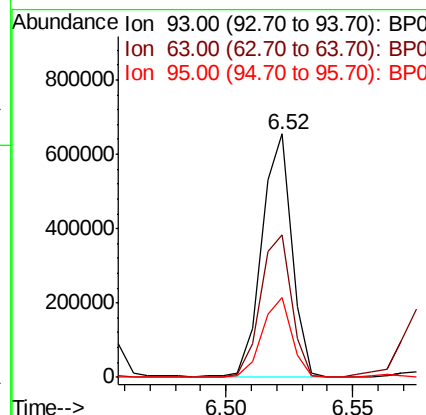
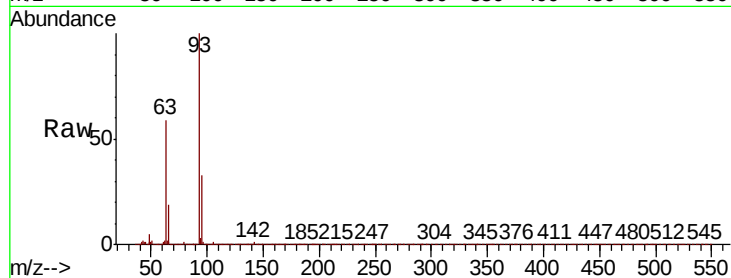




#11
bis(2-Chloroethyl)ether
Concen: 42.168 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

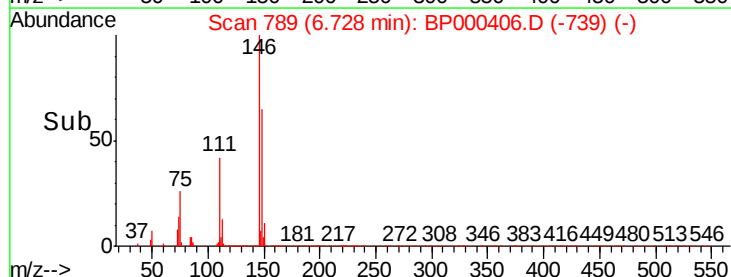
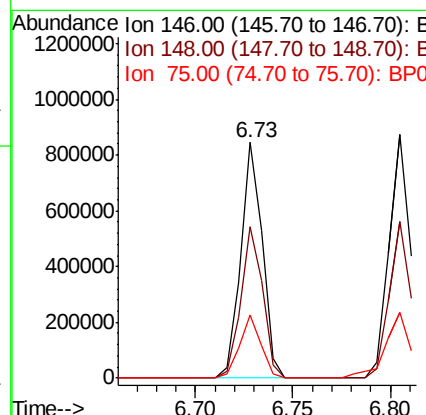
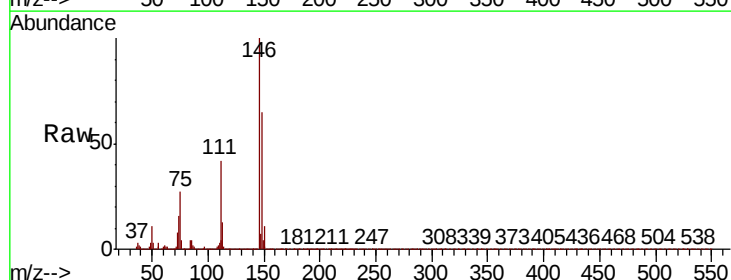
Instrument :
BNA_P
ClientSampled :

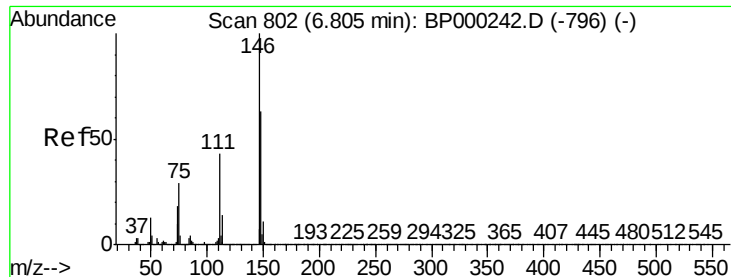
Tot Ion:	93	Resp:	538057
Ion	Ratio	Lower	Upper
93	100		
63	58.6	41.0	81.0
95	32.8	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 41.901 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:	146	Resp:	647800
Ion	Ratio	Lower	Upper
146	100		
148	64.6	52.1	78.1
75	27.0	20.2	30.4

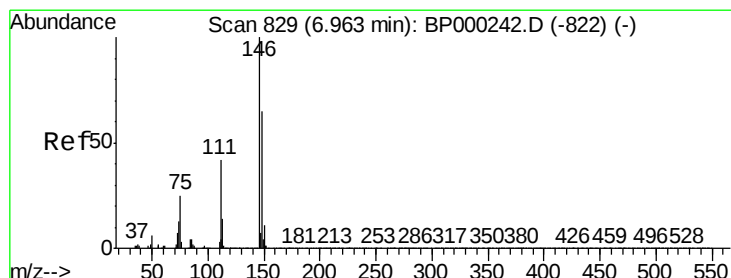
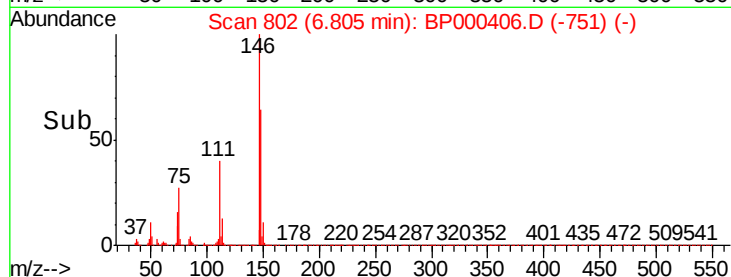
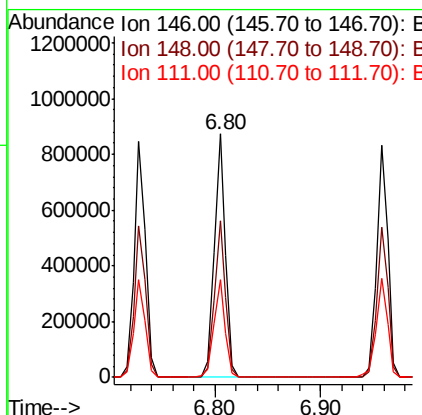
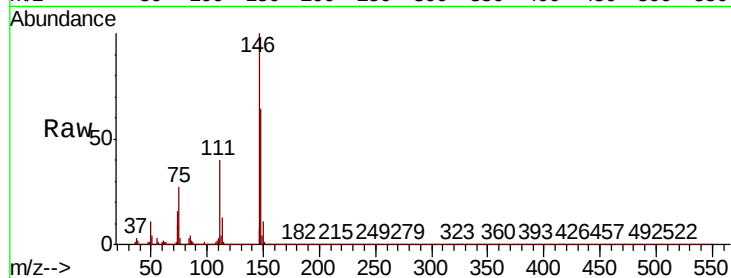




#13
 1,4-Dichlorobenzene
 Concen: 42.752 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

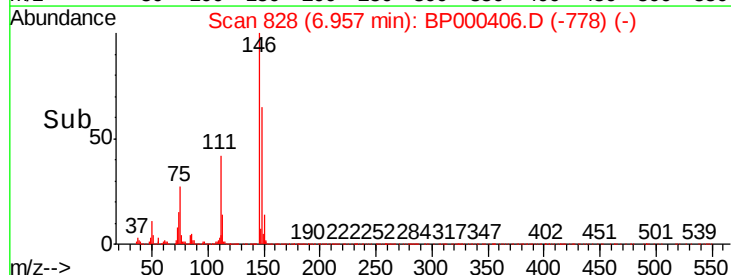
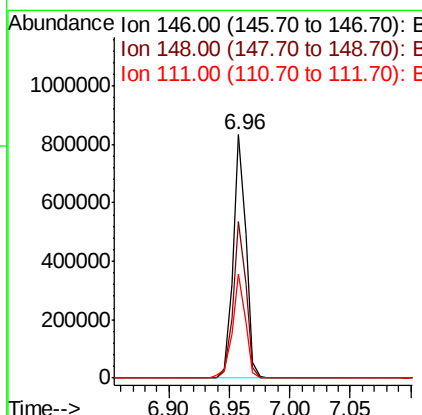
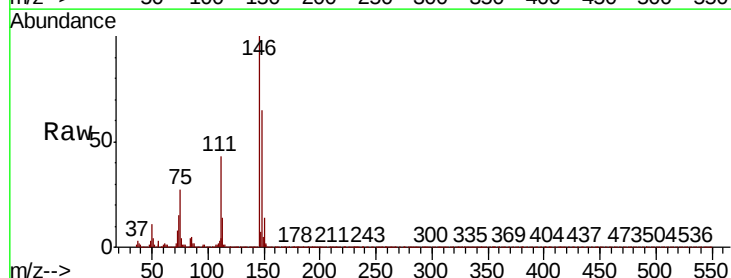
Instrument :
 BNA_P
 ClientSampled :

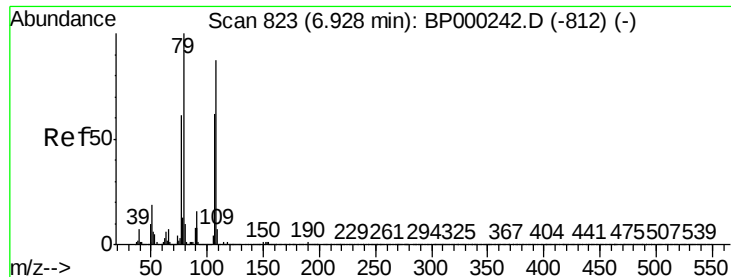
Tot Ion:146 Resp: 657626
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.7 76.1
 111 39.9 34.1 51.1



#14
 1,2-Dichlorobenzene
 Concen: 43.587 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

Tgt Ion:146 Resp: 614177
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.7 77.5
 111 42.5 33.4 50.2





#15

Benzyl Alcohol

Concen: 43.006 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Instrument :

BNA_P

ClientSampleId :

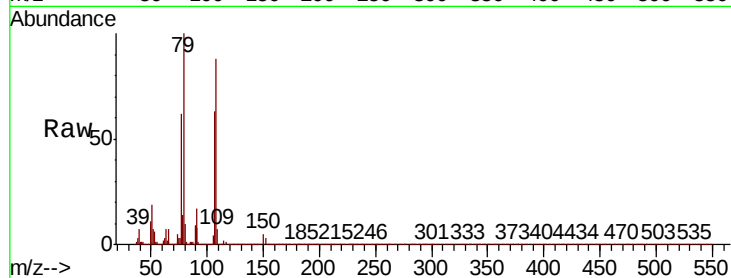
Tot Ion: 79 Resp: 458993

Ion Ratio Lower Upper

79 100

108 88.4 69.2 103.8

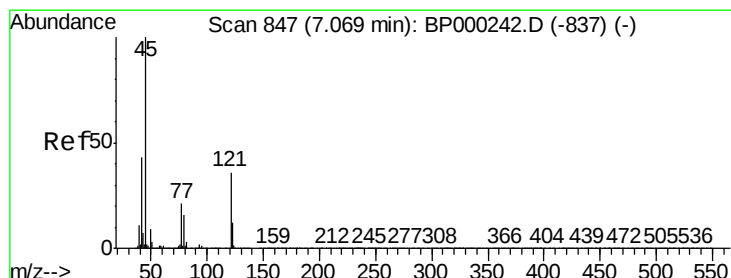
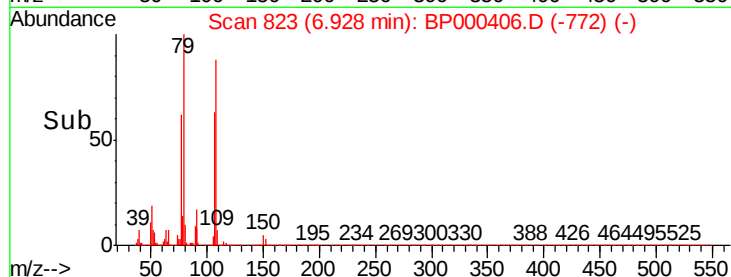
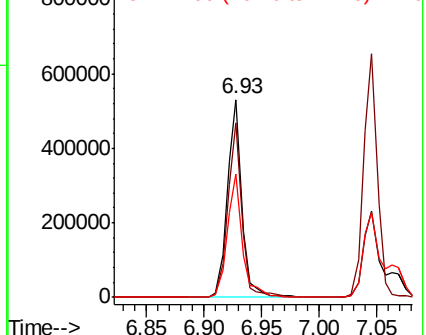
77 62.2 48.7 73.1



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: 40.320 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

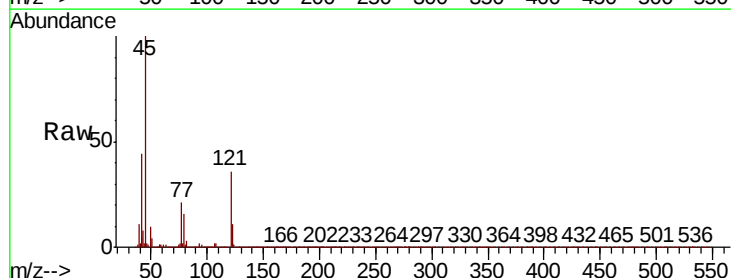
Tgt Ion: 45 Resp: 487761

Ion Ratio Lower Upper

45 100

77 21.3 0.7 40.7

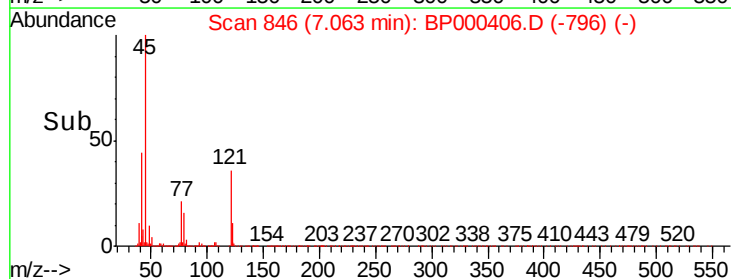
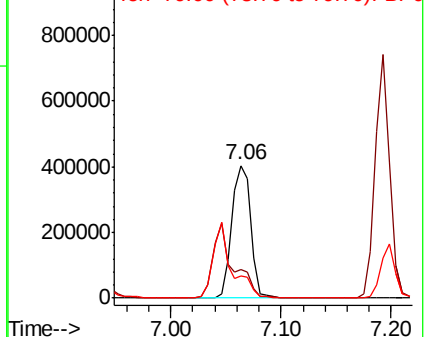
79 16.4 0.0 36.4

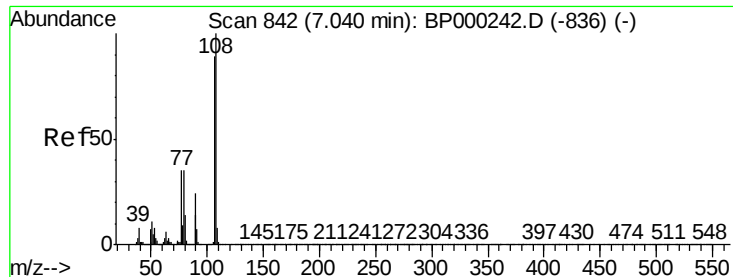


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0





#17

2-Methylphenol

Concen: 43.086 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Instrument :

BNA_P

ClientSampled :

Tot Ion:107 Resp: 475443

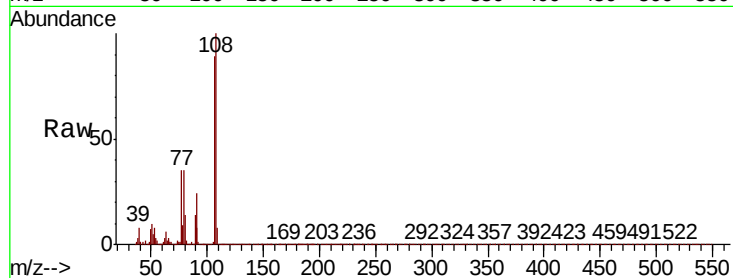
Ion Ratio Lower Upper

107 100

108 111.9 90.1 135.1

77 39.0 31.5 47.3

79 39.5 32.2 48.2

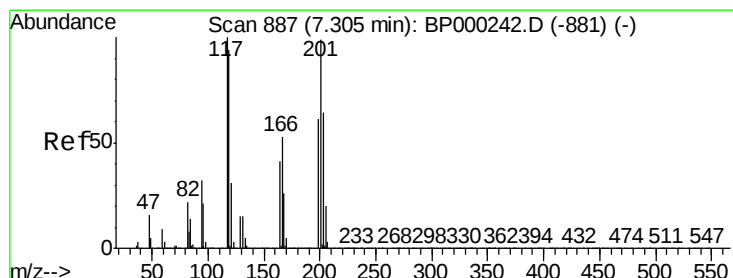
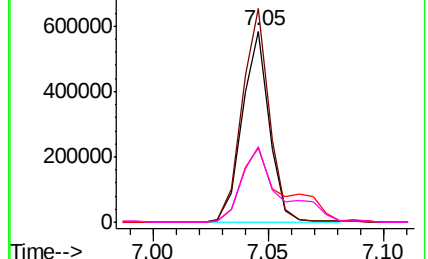
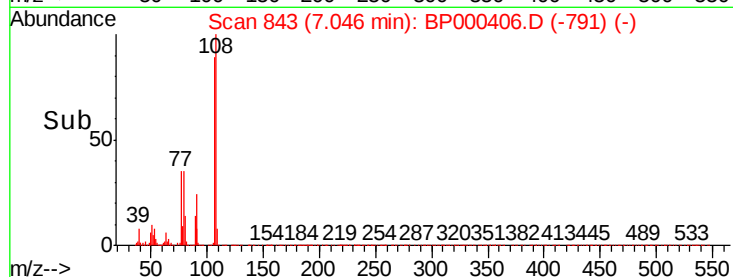


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 40.714 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

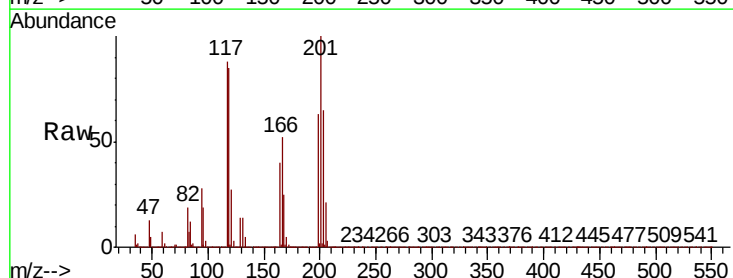
Tgt Ion:117 Resp: 231762

Ion Ratio Lower Upper

117 100

119 96.7 75.6 113.4

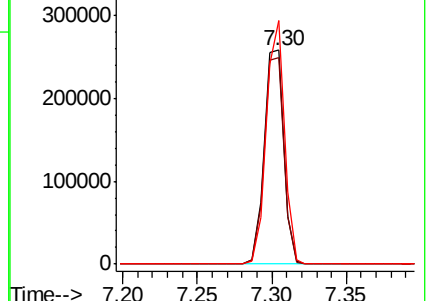
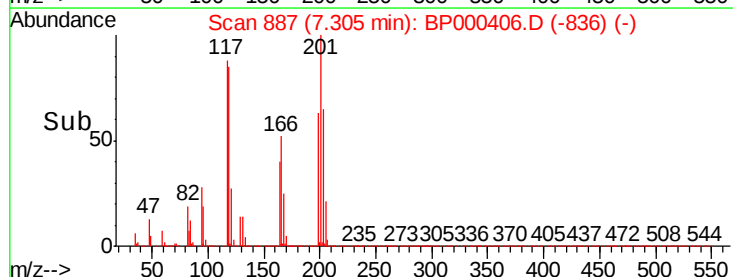
201 113.9 79.4 119.2

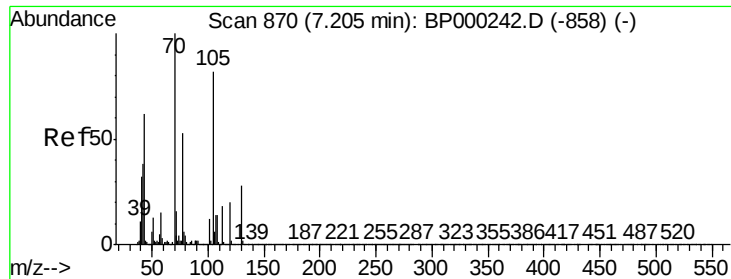


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

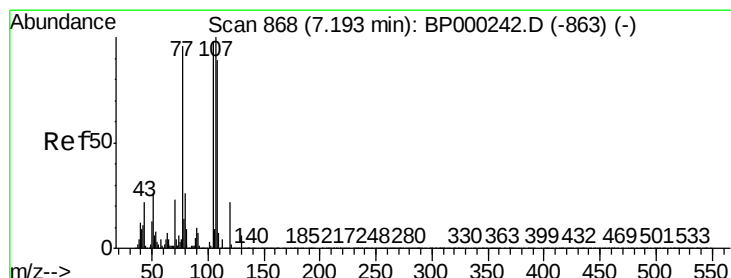
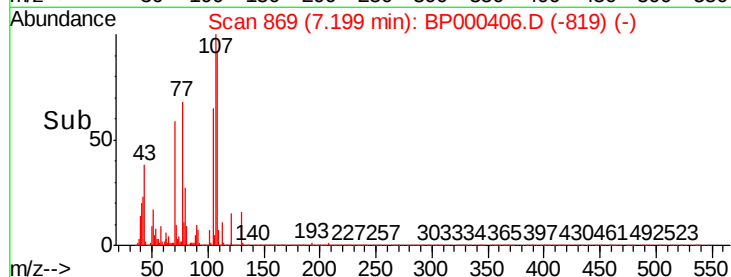
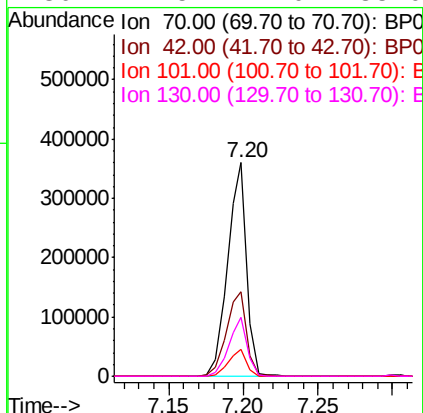
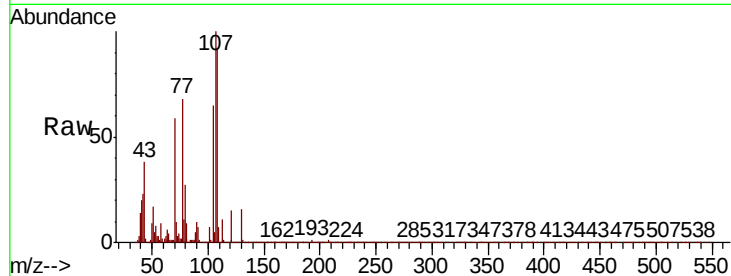




#19
n-Nitroso-di-n-propylamine
Concen: 41.755 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

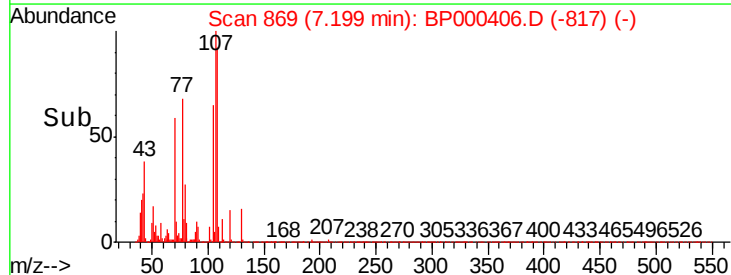
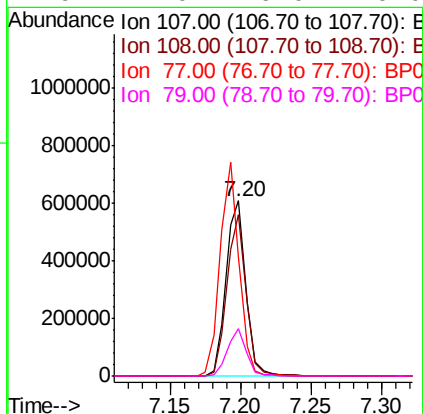
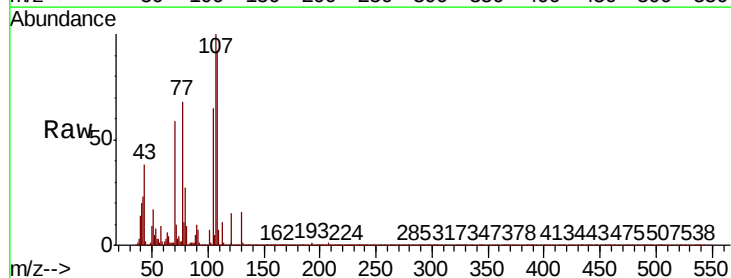
Instrument :
BNA_P
ClientSampleId :

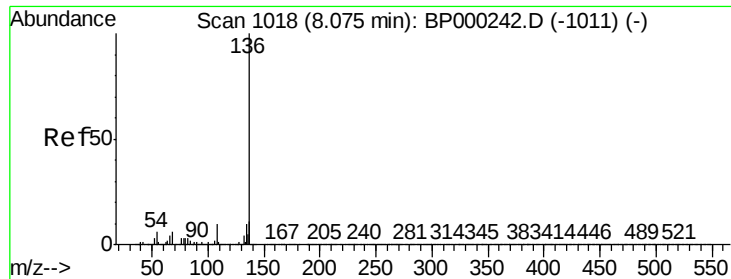
Tot Ion:	70	Resp:	323768
Ion	Ratio	Lower	Upper
70	100		
42	39.3	30.7	46.1
101	12.3	9.6	14.4
130	27.5	22.0	33.0



#20
3+4-Methylphenols
Concen: 44.062 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:	107	Resp:	587945
Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.8	108.8
77	68.4	75.7	115.7#
79	27.0	6.0	46.0

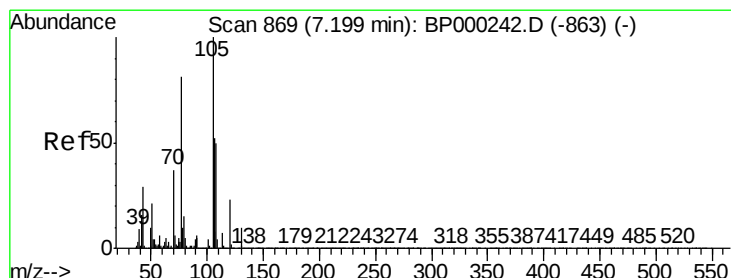
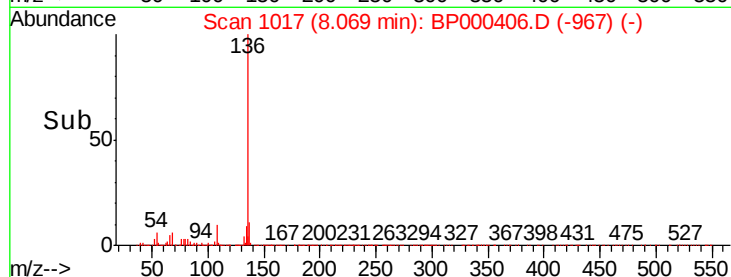
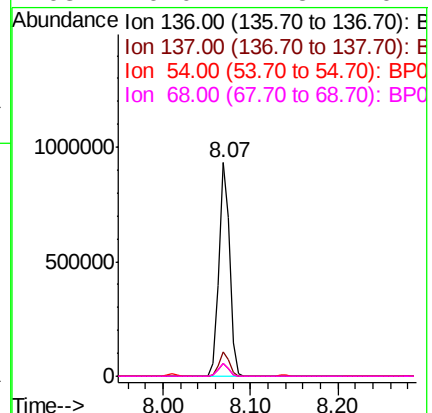
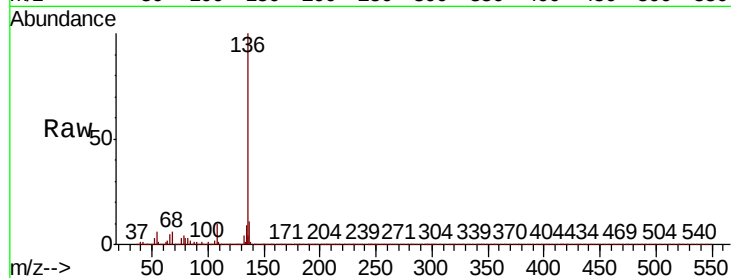




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

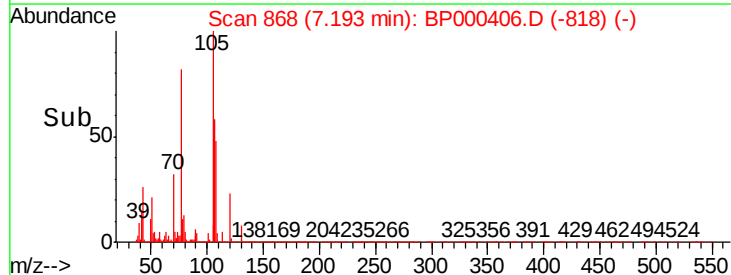
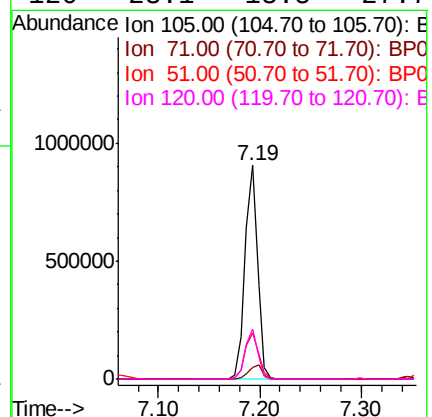
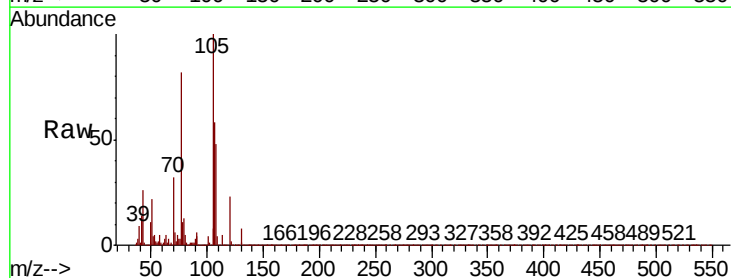
Instrument :
BNA_P
ClientSampleId :

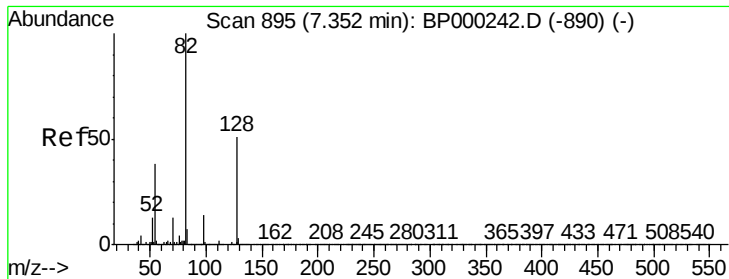
Tot Ion:136	Resp:	792973
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.6 13.0
54	6.0	4.5 6.7
68	6.0	4.5 6.7



#22
Acetophenone
Concen: 45.206 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:105	Resp:	776844
Ion Ratio	Lower	Upper
105	100	
71	5.5	5.2 7.8
51	21.5	16.6 24.8
120	23.1	18.5 27.7

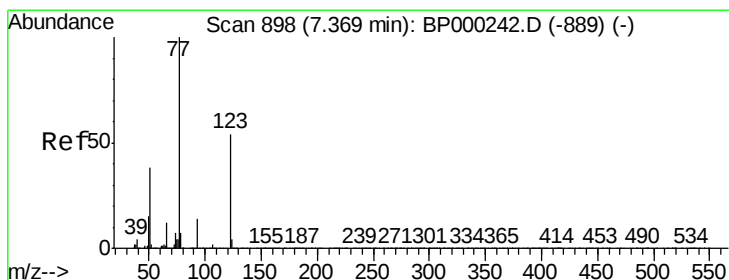
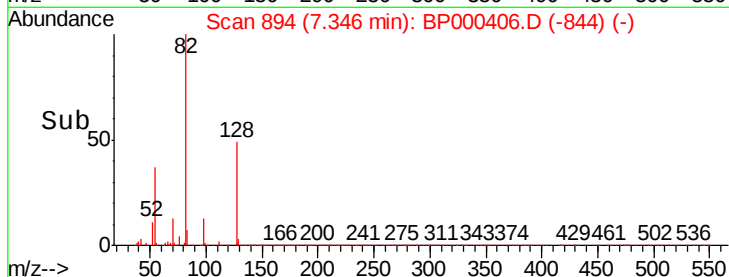
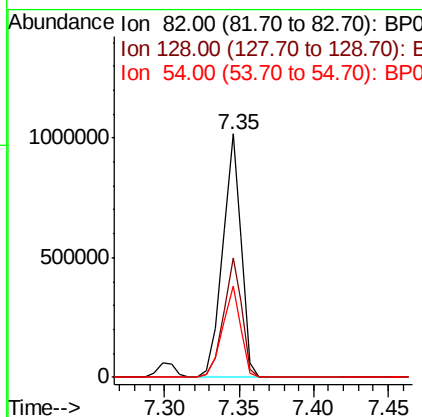
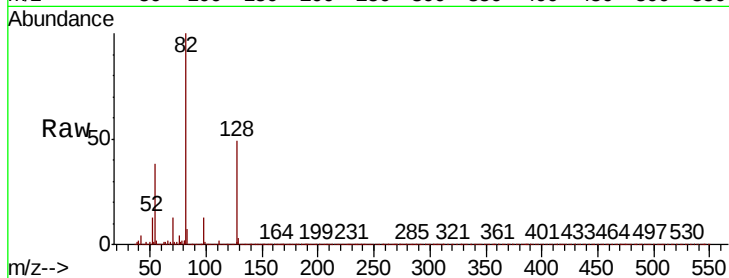




#23
 Nitrobenzene-d5
 Concen: 72.345 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

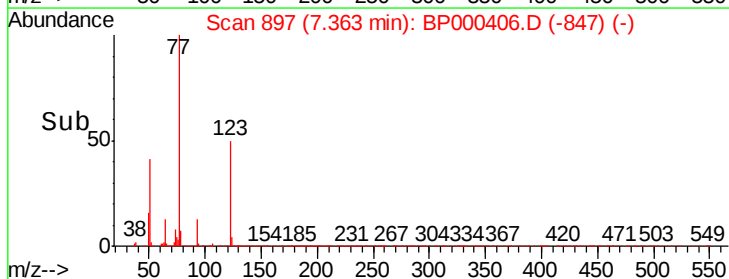
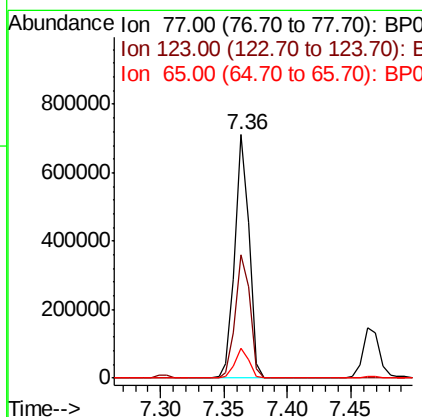
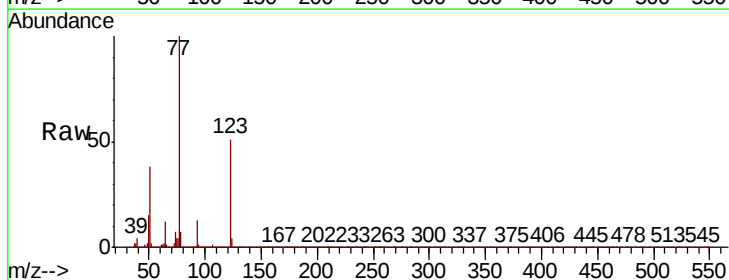
Instrument :
 BNA_P
 ClientSampled :

Tot Ion	82	Resp	889152
Ion Ratio	Lower	Upper	
82	100		
128	49.3	40.7	61.1
54	37.6	30.1	45.1



#24
 Nitrobenzene
 Concen: 42.990 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

Tgt Ion	77	Resp	548799
Ion Ratio	Lower	Upper	
77	100		
123	50.8	43.1	64.7
65	12.1	9.4	14.2





#25

Isophorone

Concen: 41.513 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Instrument :

BNA_P

ClientSampleId :

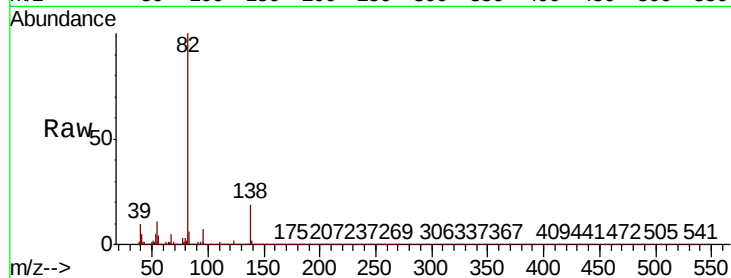
Tot Ion: 82 Resp: 1010299

Ion Ratio Lower Upper

82 100

95 7.4 5.9 8.9

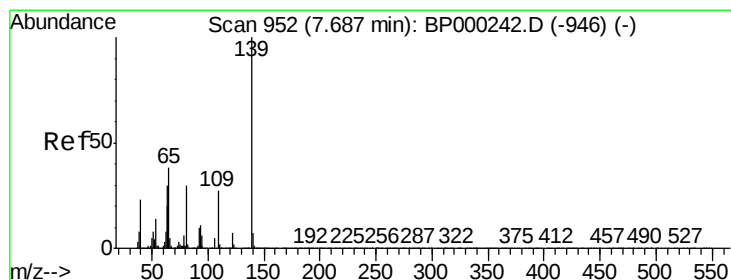
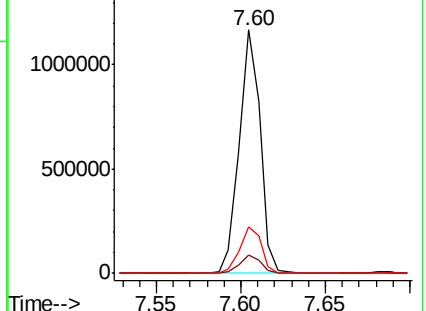
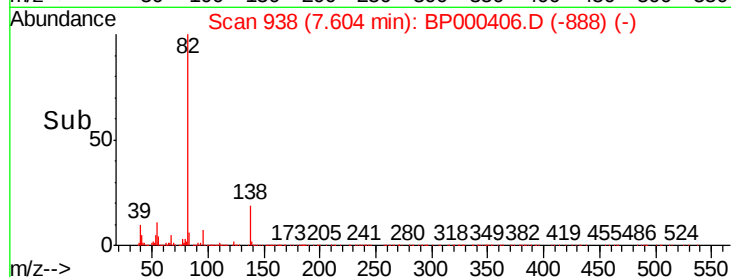
138 19.0 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 44.319 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

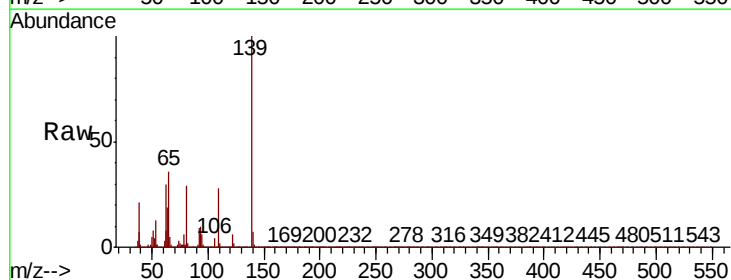
Tgt Ion: 139 Resp: 299935

Ion Ratio Lower Upper

139 100

109 27.6 21.8 32.6

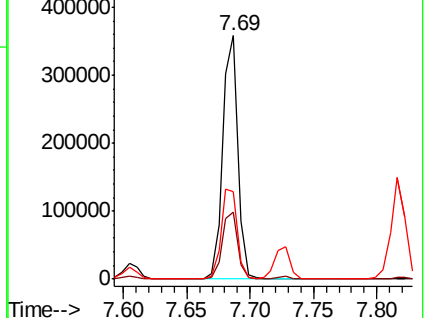
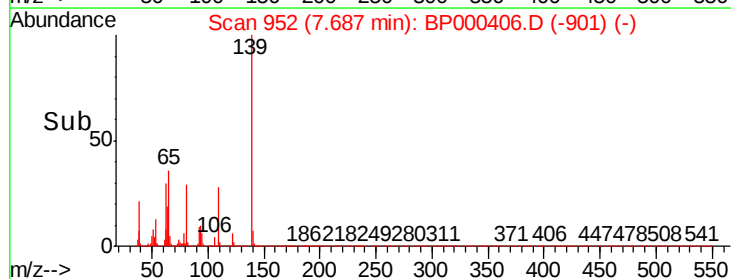
65 36.0 30.5 45.7

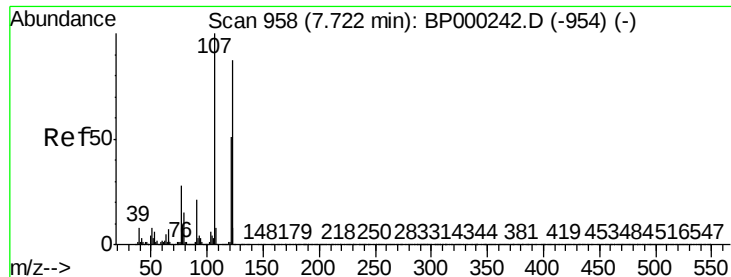


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 47.561 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BP000406.D

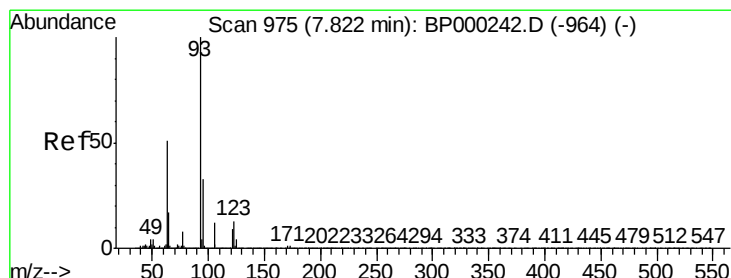
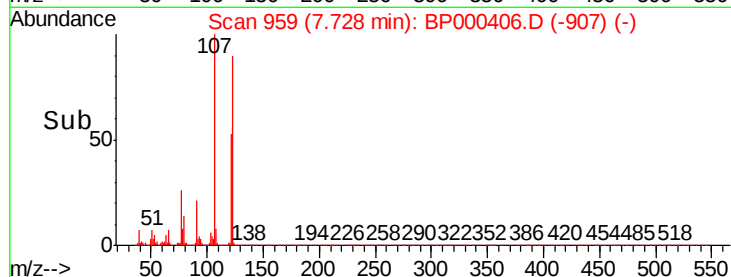
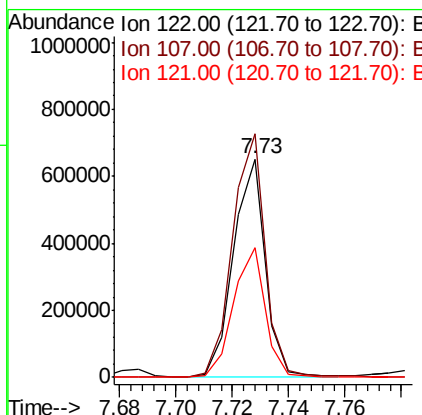
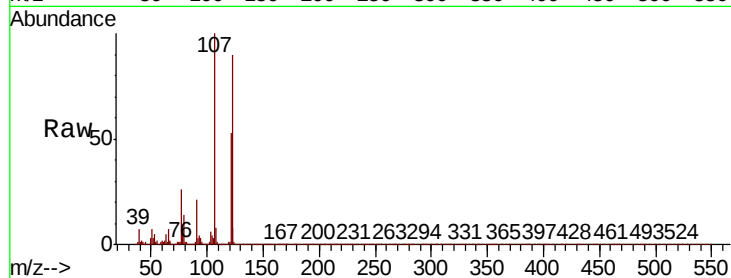
Acq: 25 Sep 2019 13:40

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	122	Resp:	512713
Ion	Ratio	Lower	Upper
122	100		
107	111.6	91.5	137.3
121	59.4	46.9	70.3



#28

bis(2-Chloroethoxy)methane

Concen: 41.670 ng

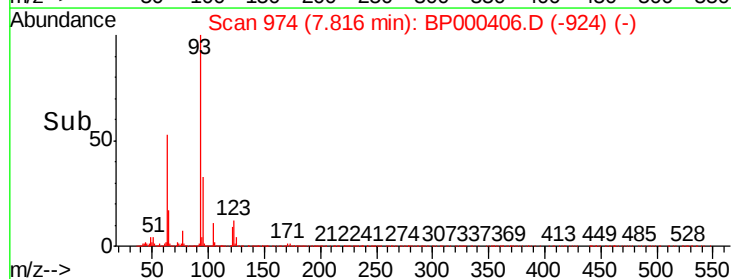
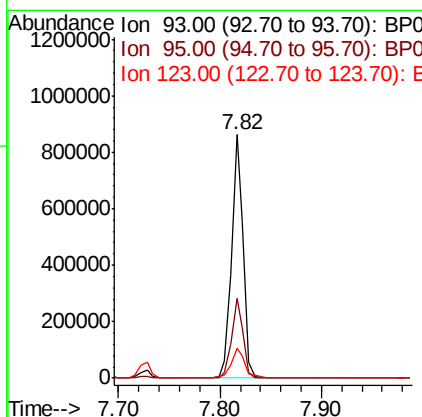
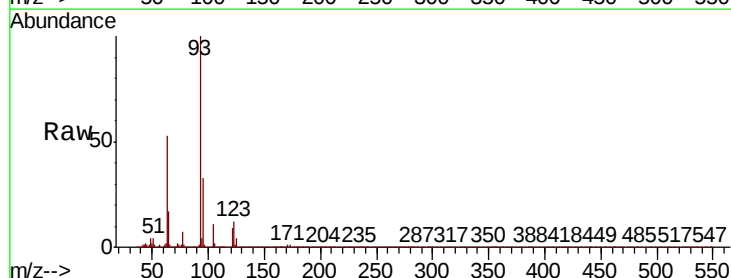
RT: 7.82 min Scan# 974

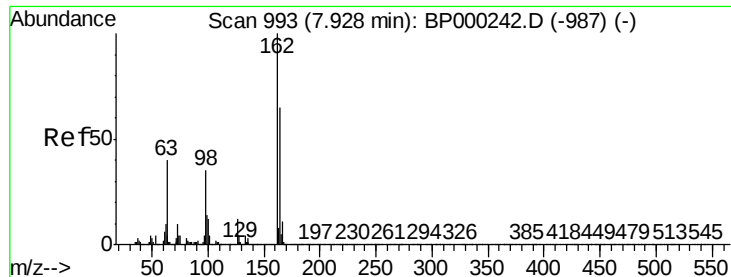
Delta R.T. -0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Tgt Ion:	93	Resp:	674489
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.2	39.4
123	12.3	10.2	15.2

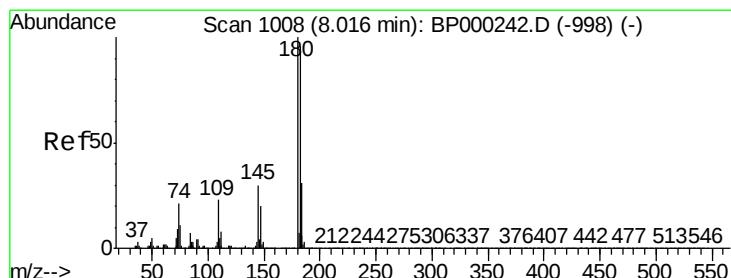
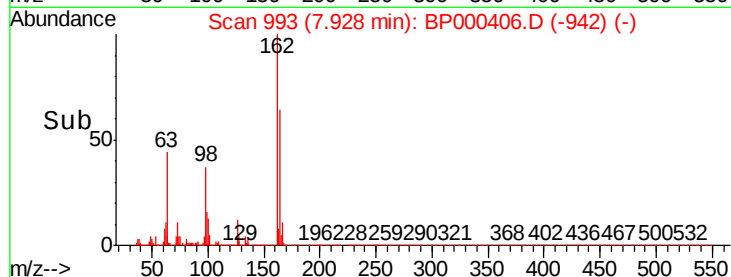
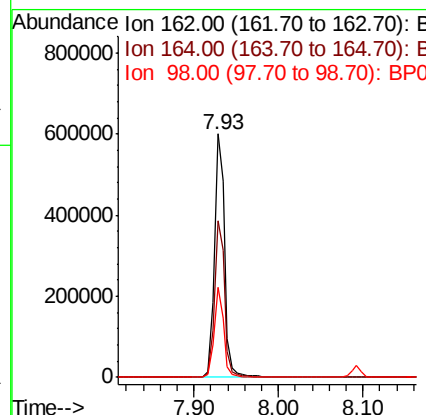
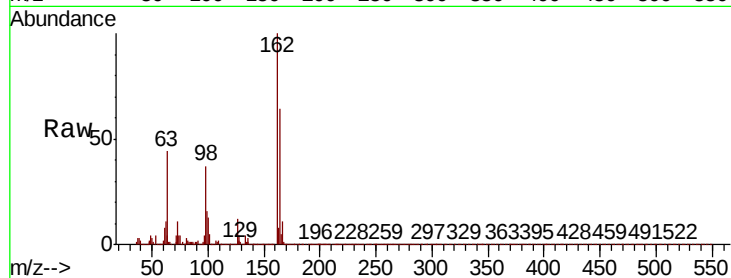




#29
 2,4-Dichlorophenol
 Concen: 44.197 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

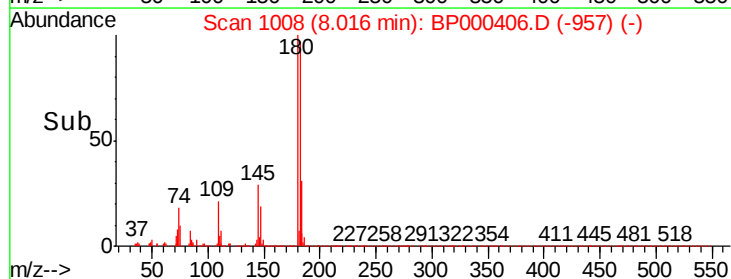
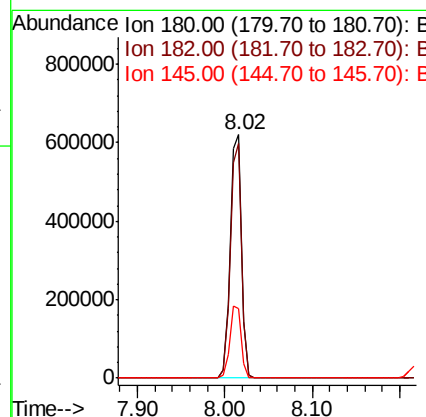
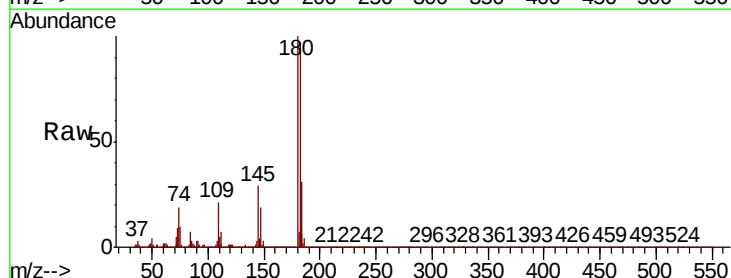
Instrument :
 BNA_P
 ClientSampleId :

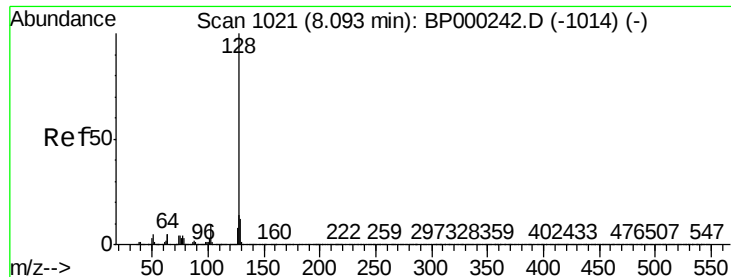
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.5	84.5
98	36.8	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 41.949 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.2	115.8
145	28.5	24.3	36.5

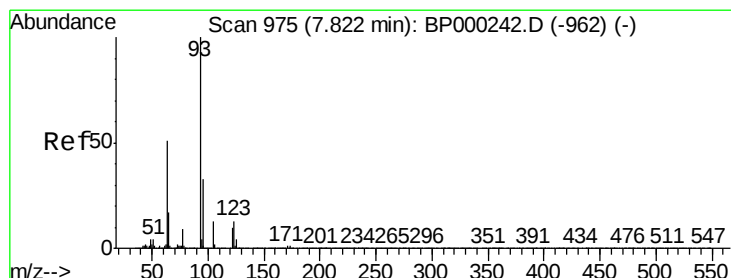
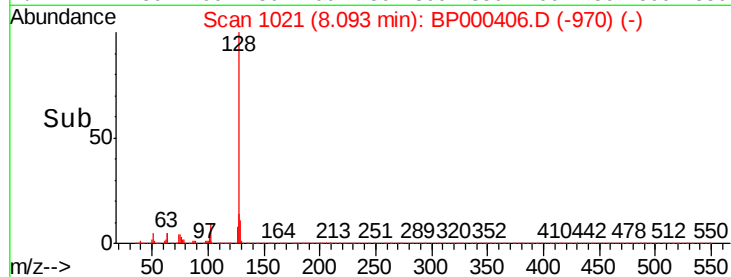
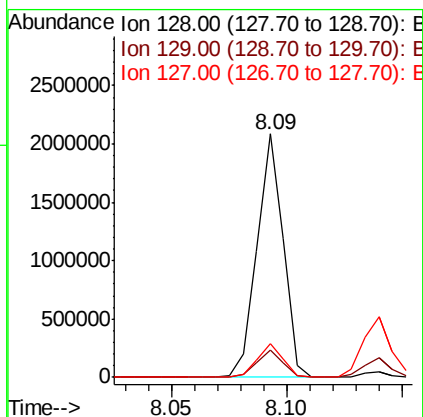
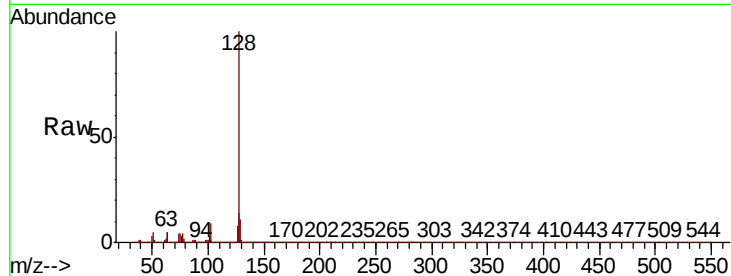




#31
Naphthalene
Concen: 44.961 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

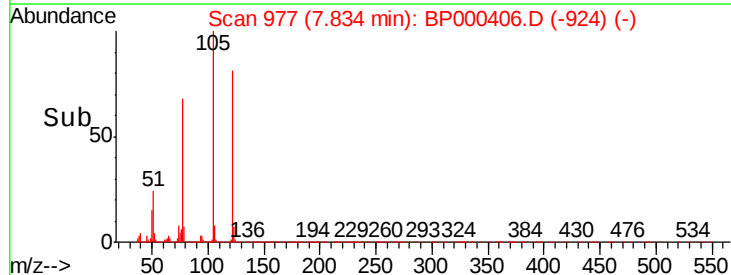
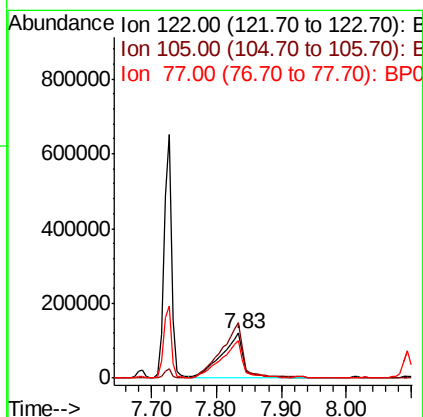
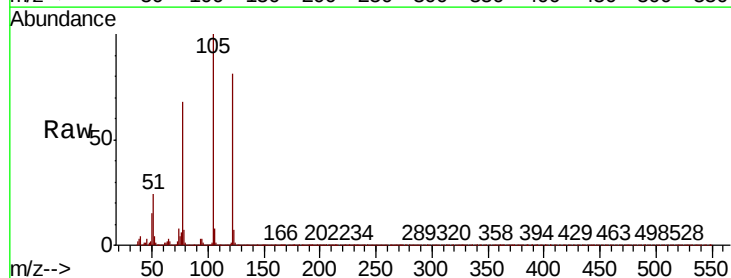
Instrument :
BNA_P
ClientSampled :

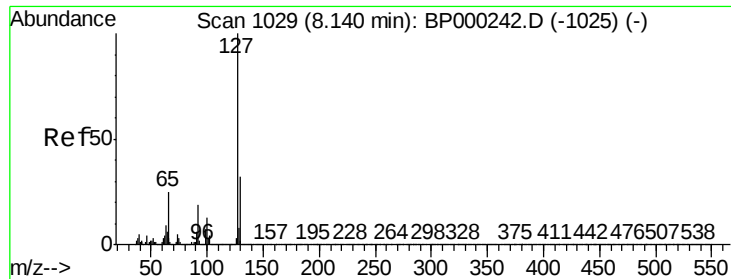
Tot Ion:128 Resp: 1651214
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.6 11.0 16.6



#32
Benzoic acid
Concen: 39.461 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:122 Resp: 287229
Ion Ratio Lower Upper
122 100
105 123.2 105.4 145.4
77 84.0 65.3 105.3

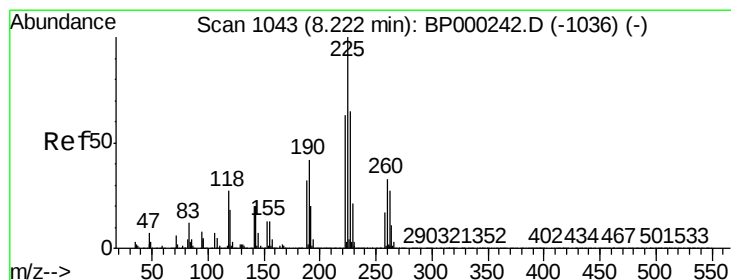
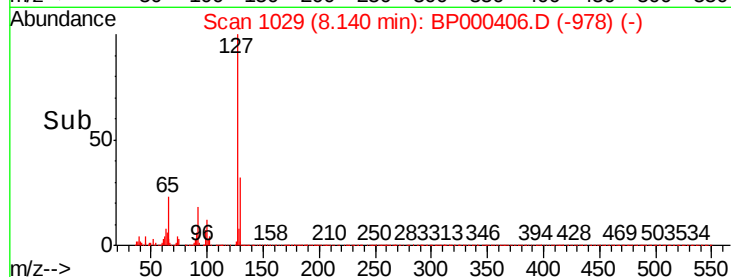
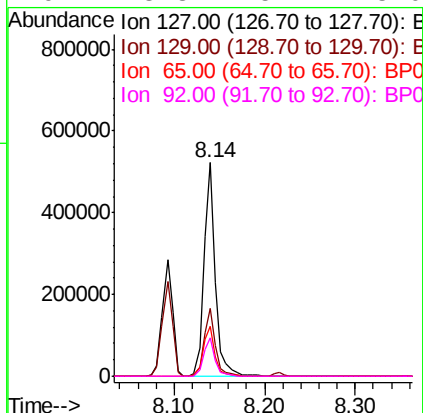
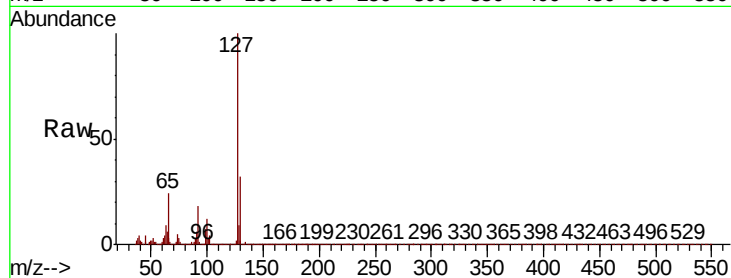




#33
4-Chloroaniline
Concen: 27.573 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

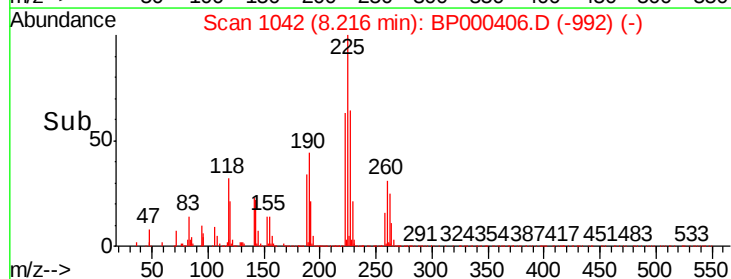
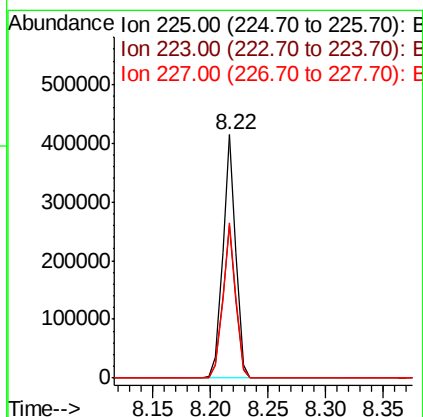
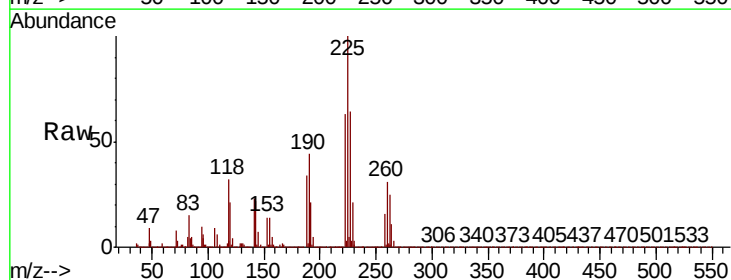
Instrument :
BNA_P
ClientSampleId :

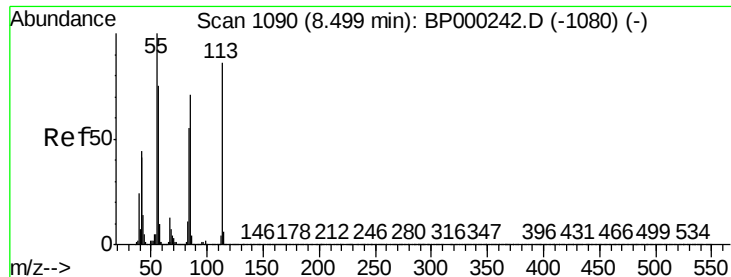
Tot Ion:127	Resp:	458280
Ion	Ratio	Lower Upper
127	100	
129	31.8	25.7 38.5
65	23.6	19.9 29.9
92	18.3	15.4 23.0



#34
Hexachlorobutadiene
Concen: 40.954 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:225	Resp:	321353
Ion	Ratio	Lower Upper
225	100	
223	62.8	50.2 75.2
227	63.9	51.8 77.6

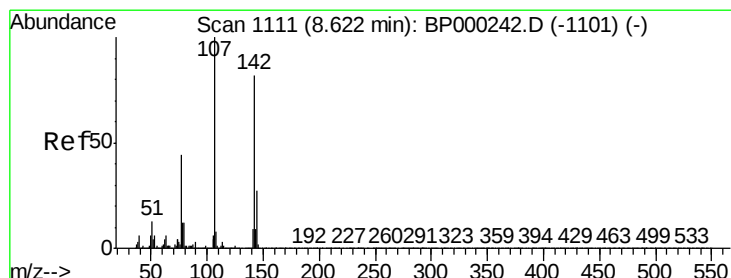
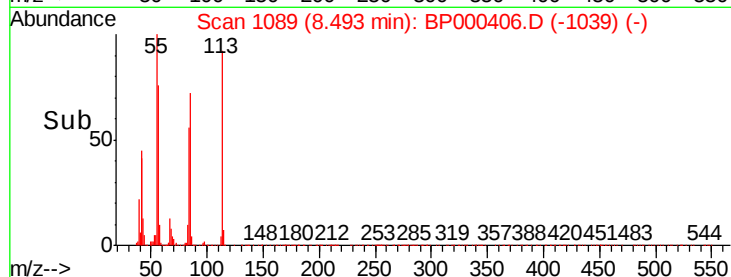
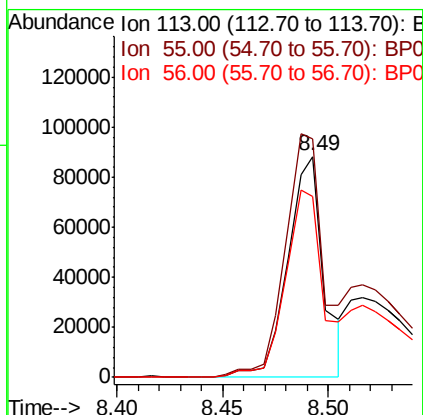
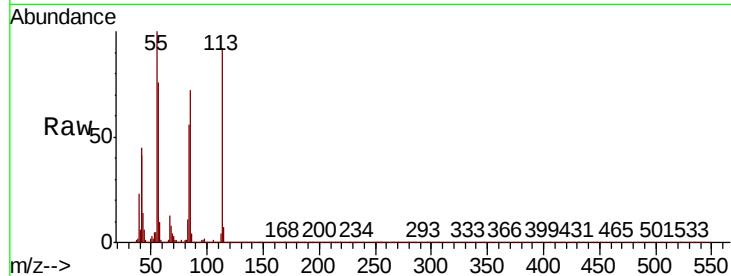




#35
Caprolactam
Concen: 26.504 ng
RT: 8.49 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

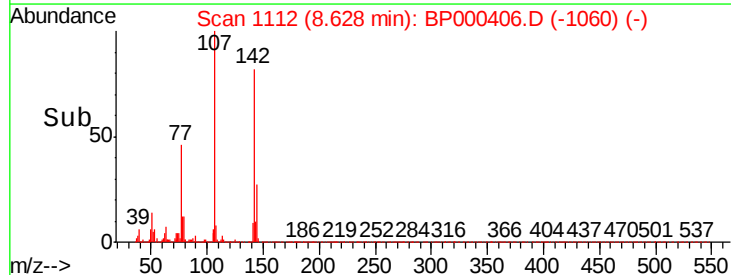
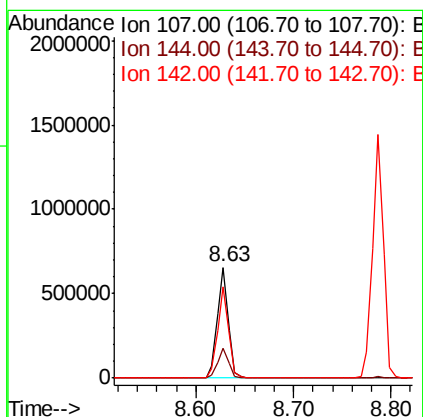
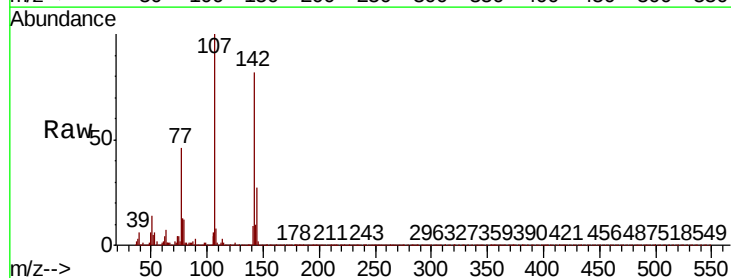
Instrument :
BNA_P
ClientSampleId :

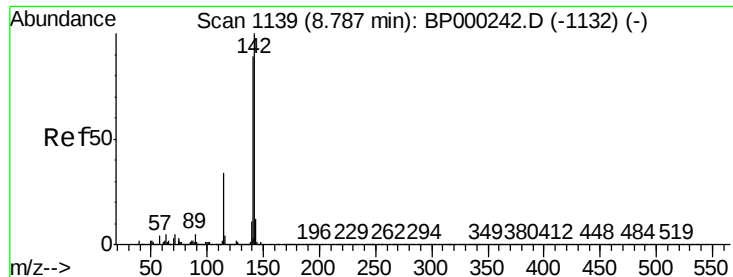
Tot Ion:113 Resp: 104169
Ion Ratio Lower Upper
113 100
55 108.3 96.8 136.8
56 81.9 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 43.827 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:107 Resp: 514037
Ion Ratio Lower Upper
107 100
144 26.6 21.5 32.3
142 81.9 65.7 98.5

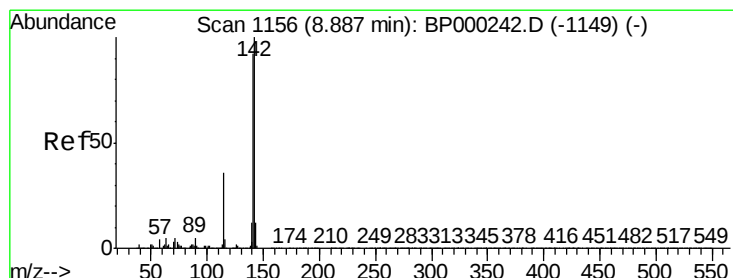
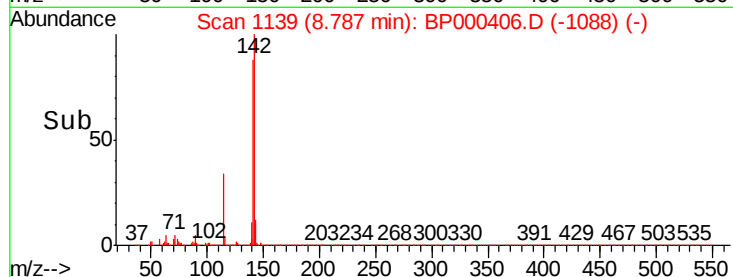
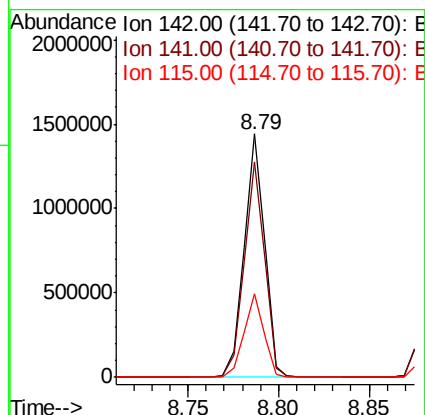
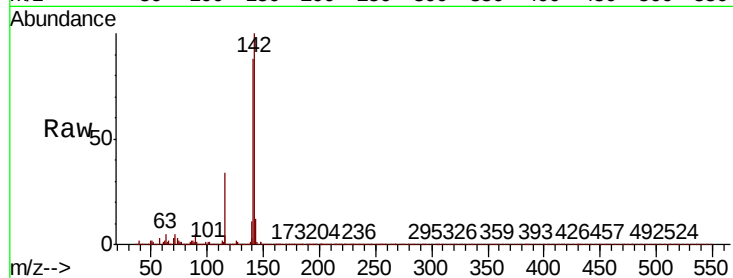




#37
2-Methylnaphthalene
Concen: 44.756 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

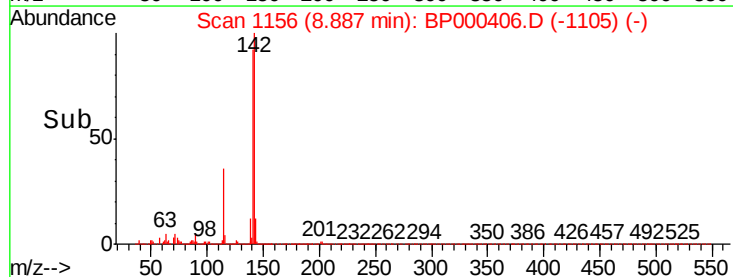
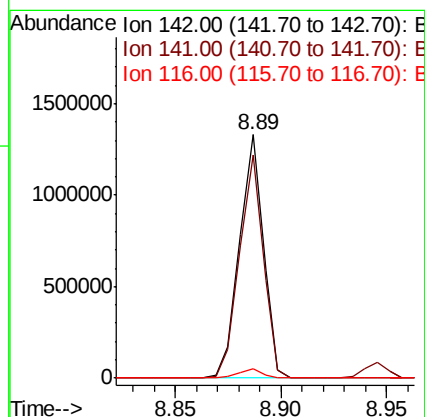
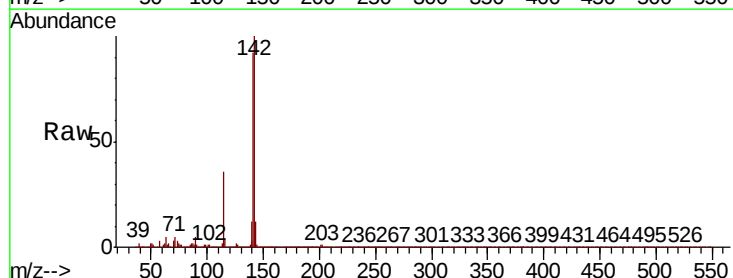
Instrument :
BNA_P
ClientSampleId :

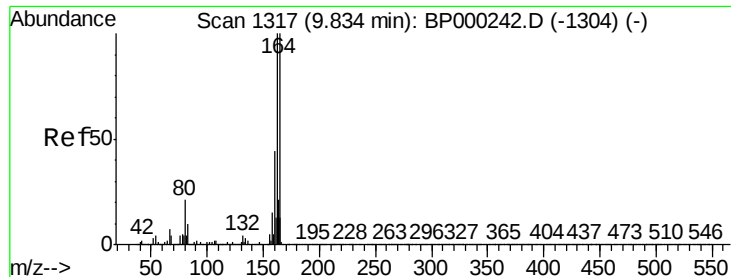
Tot Ion:142 Resp: 1123631
Ion Ratio Lower Upper
142 100
141 88.3 71.3 106.9
115 34.5 27.2 40.8



#38
1-Methylnaphthalene
Concen: 44.172 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:142 Resp: 1038821
Ion Ratio Lower Upper
142 100
141 91.7 73.9 110.9
116 3.6 3.0 4.6

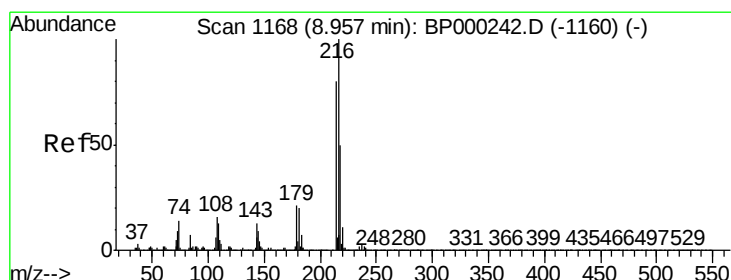
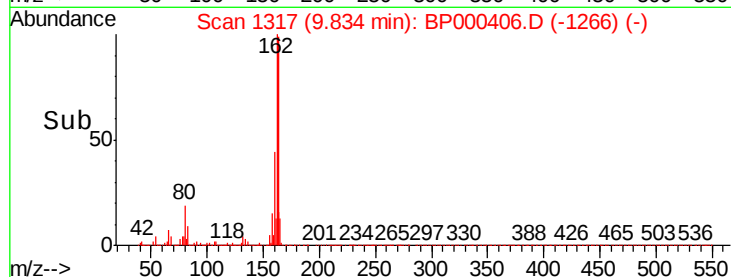
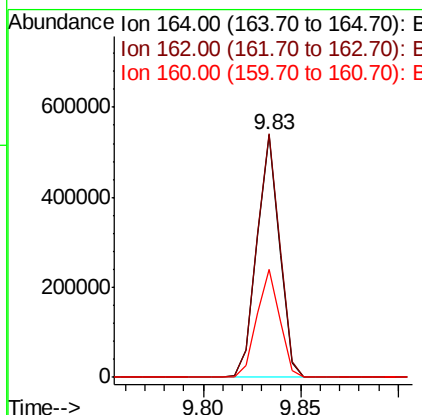
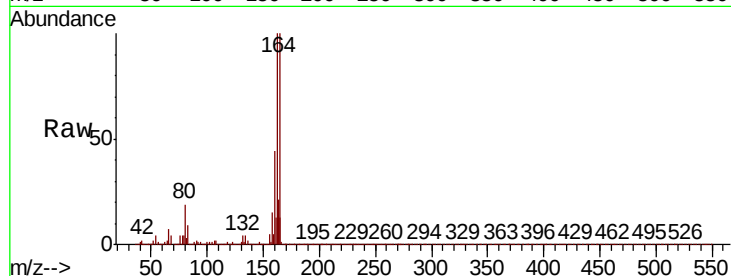




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

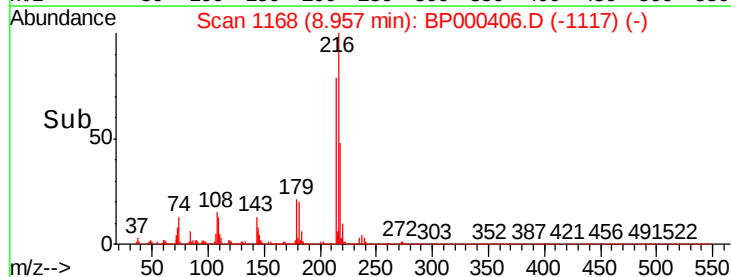
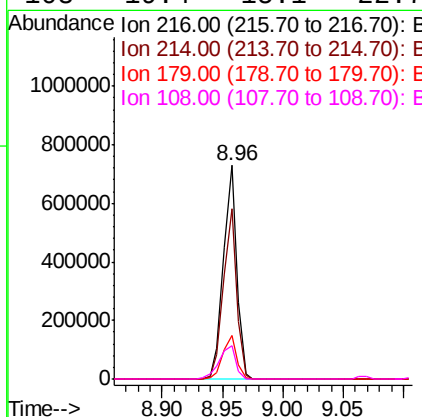
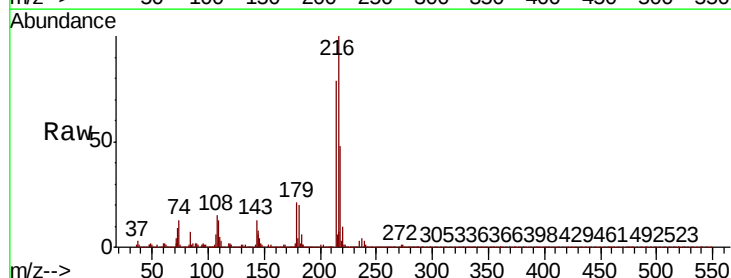
Instrument :
BNA_P
ClientSampleId :

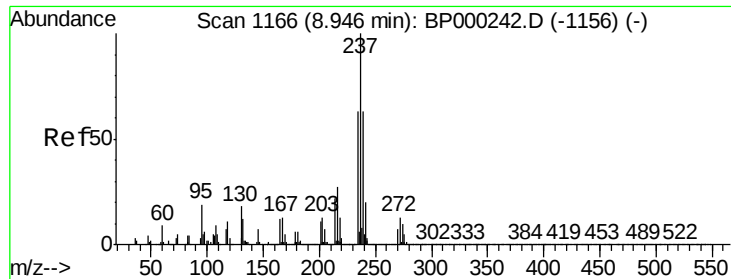
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.9	119.9
160	44.3	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.944 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.6	95.4
179	20.8	17.0	25.4
108	19.4	15.1	22.7

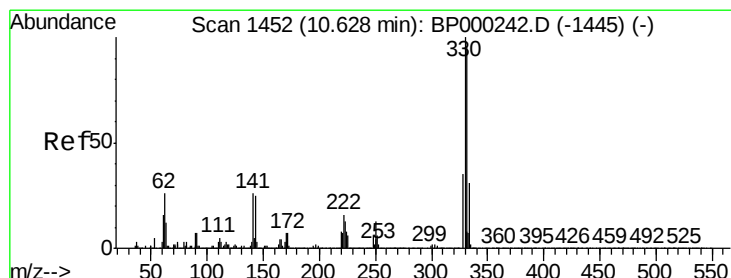
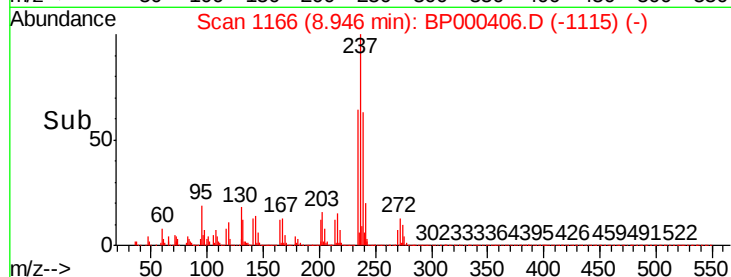
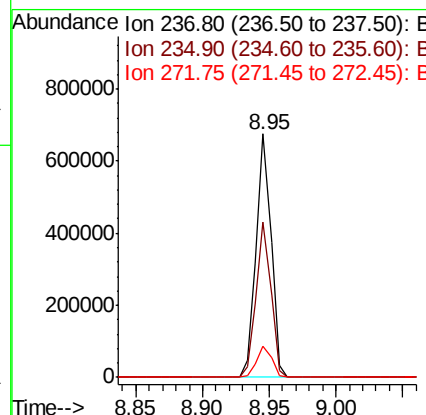
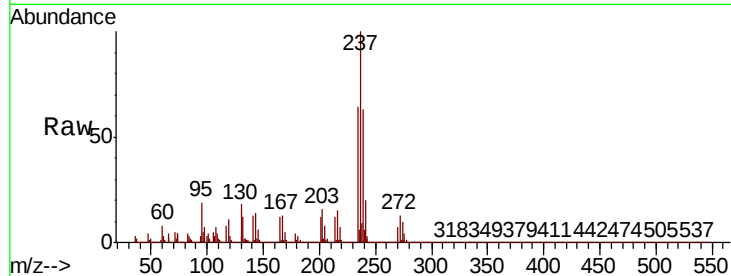




#41
Hexachlorocyclopentadiene
Concen: 72.105 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

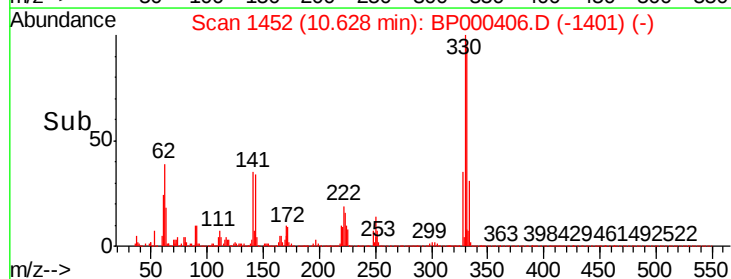
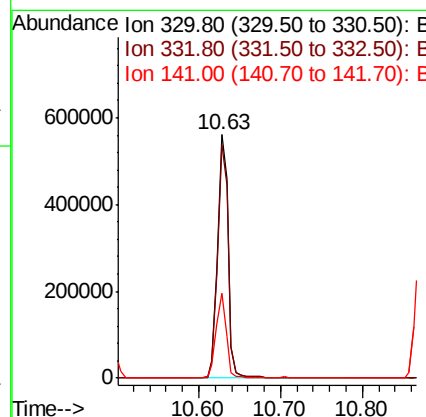
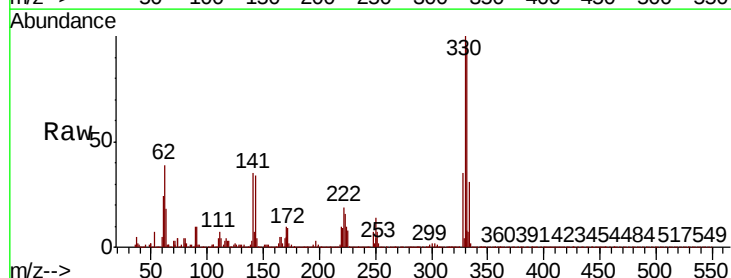
Instrument :
BNA_P
ClientSampleId :

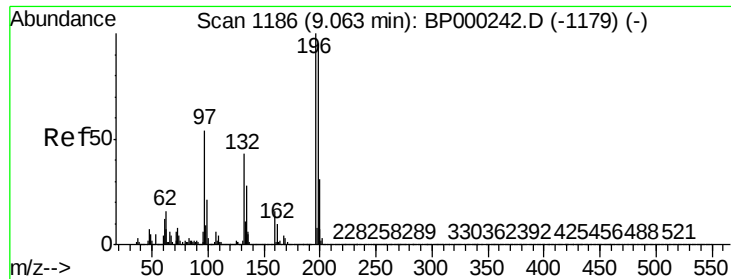
Tot Ion	Ratio	Lower	Upper
237	100		
235	64.0	43.5	83.5
272	12.9	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 118.047 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	32.9	26.5	39.7

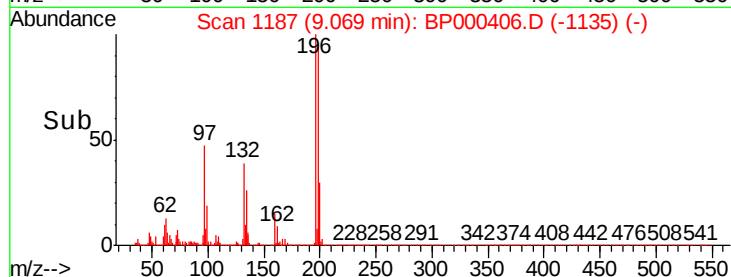
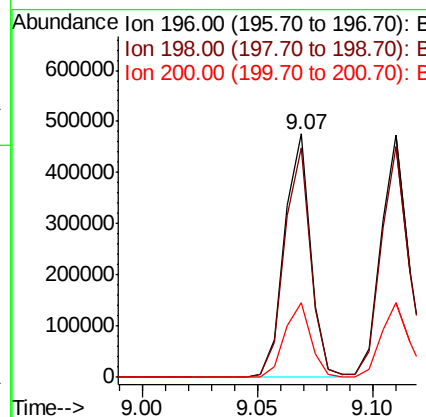
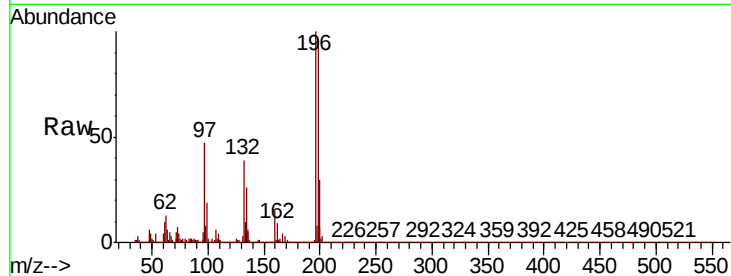




#43
 2,4,6-Trichlorophenol
 Concen: 43.309 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

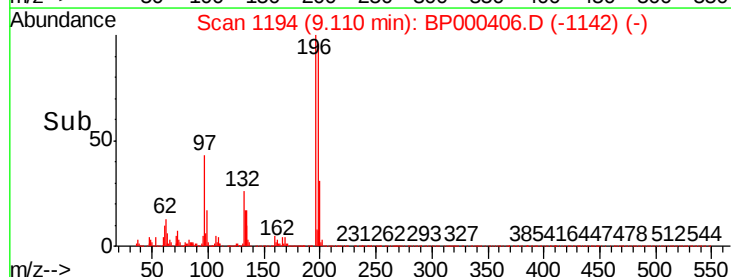
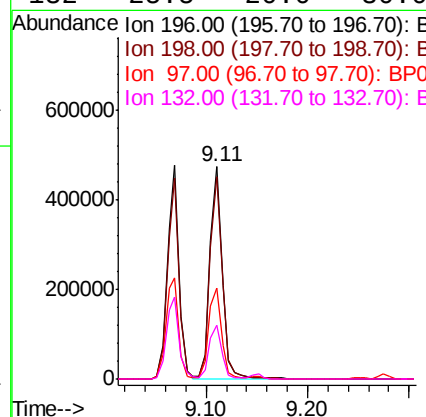
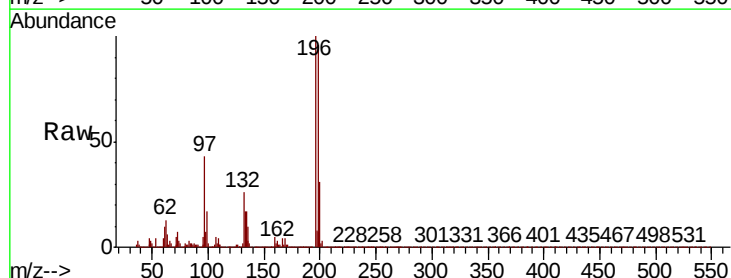
Instrument :
 BNA_P
 ClientSampleId :

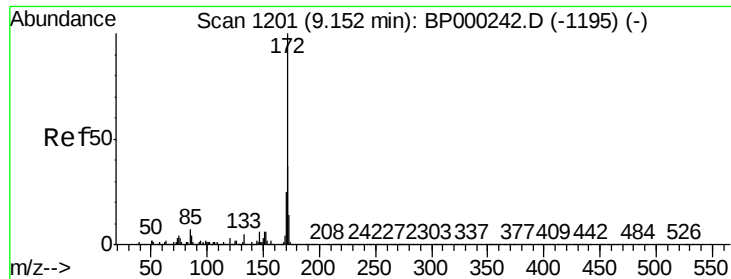
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.0	114.0
200	30.4	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.544 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	78.1	117.1
97	42.7	33.3	49.9
132	25.5	20.0	30.0

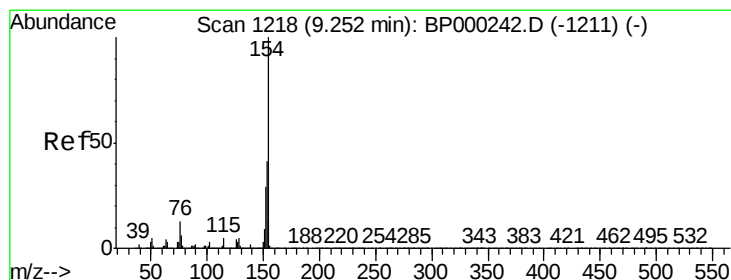
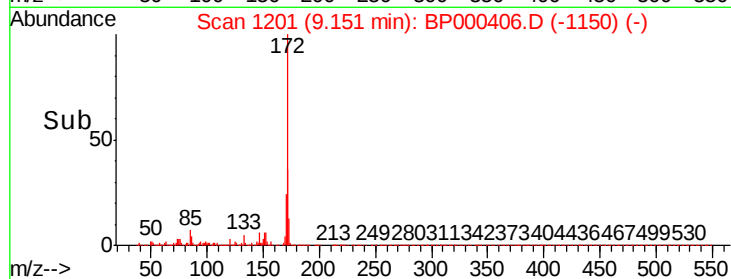
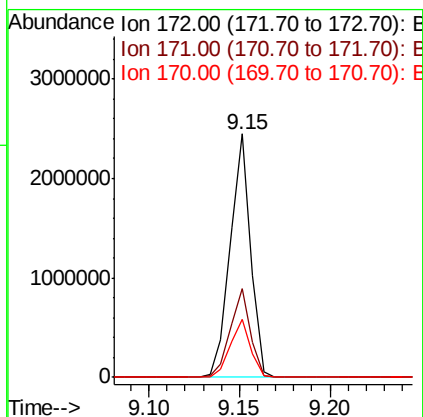
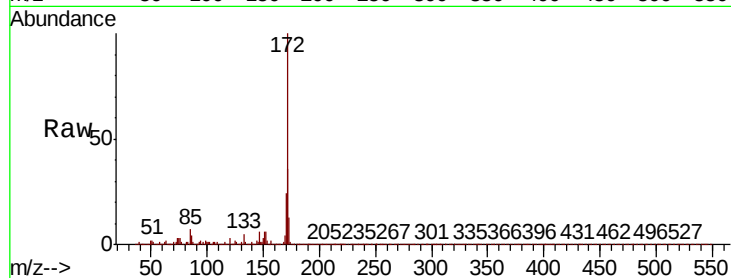




#45
2-Fluorobiphenyl
Concen: 79.859 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

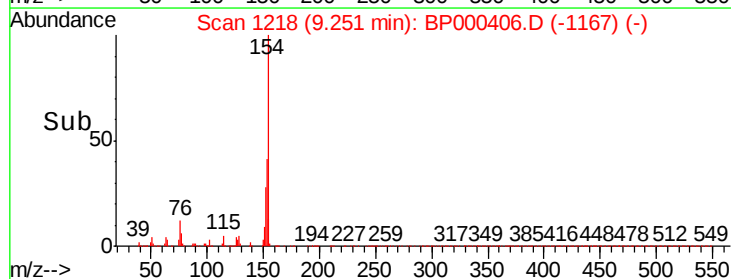
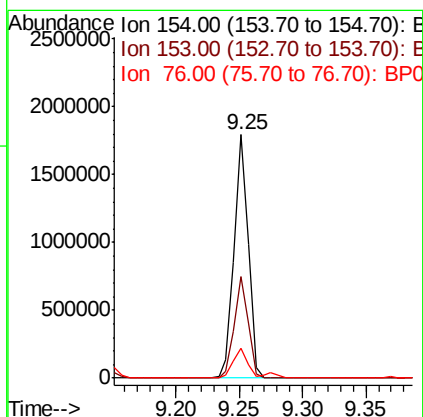
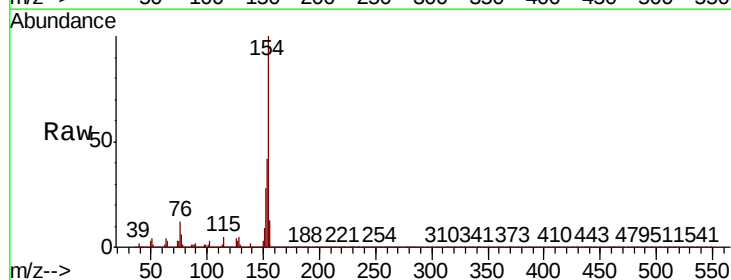
Instrument :
BNA_P
ClientSampleId :

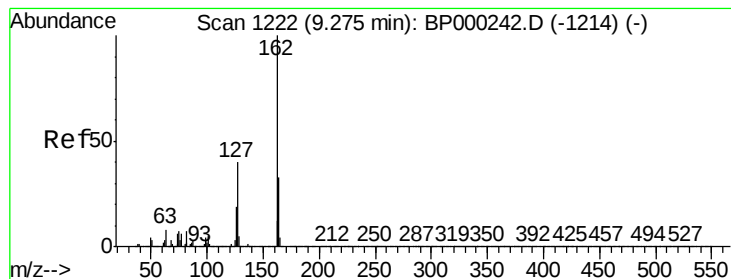
Tot Ion:172 Resp: 1920851
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 23.9 19.8 29.6



#46
1,1'-Biphenyl
Concen: 45.445 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:154 Resp: 1360980
Ion Ratio Lower Upper
154 100
153 41.5 21.4 61.4
76 12.4 0.0 33.4





#47

2-Chloronaphthalene

Concen: 42.638 ng

RT: 9.28 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

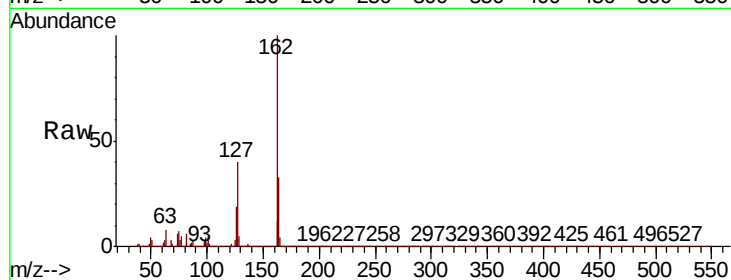
Instrument :

BNA_P

ClientSampleId :

Tot Ion:162 Resp: 1071140

Ion	Ratio	Lower	Upper
162	100		
127	39.5	32.4	48.6
164	33.2	26.3	39.5

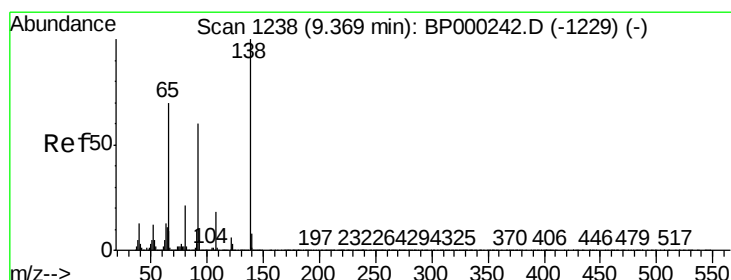
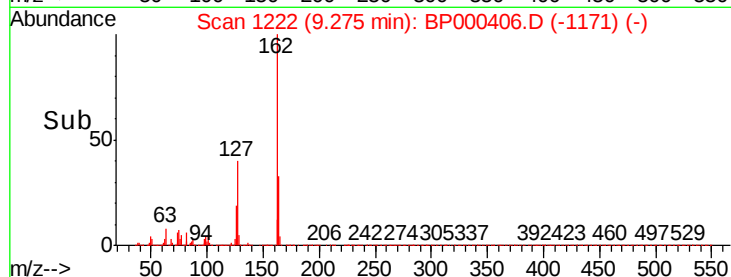
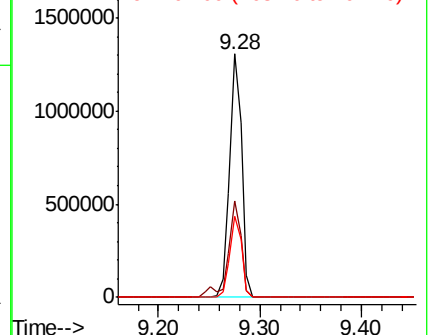


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 41.261 ng

RT: 9.37 min Scan# 1238

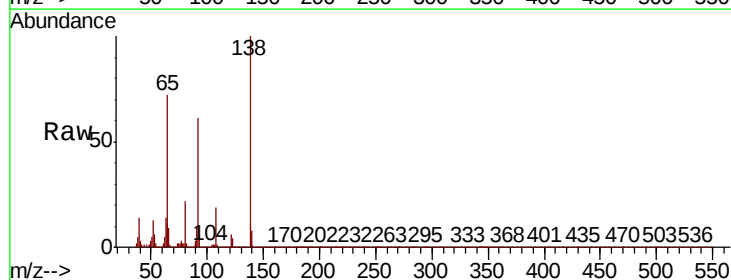
Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Tgt Ion: 65 Resp: 263230

Ion	Ratio	Lower	Upper
65	100		
92	85.2	68.7	103.1
138	138.5	114.4	171.6

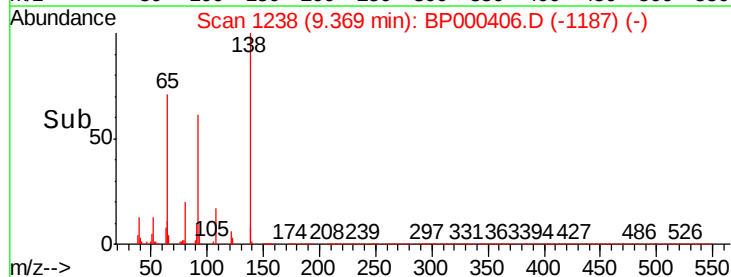
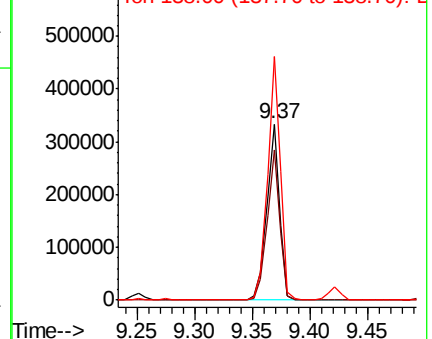


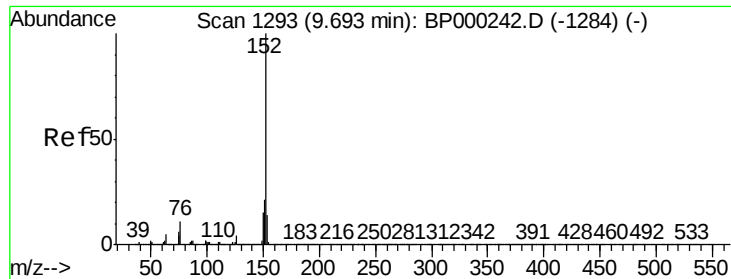
Abundance

Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.184 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Instrument :

BNA_P

ClientSampleId :

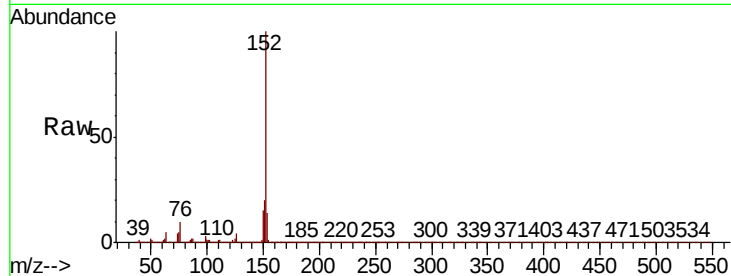
Tot Ion:152 Resp: 1706253

Ion Ratio Lower Upper

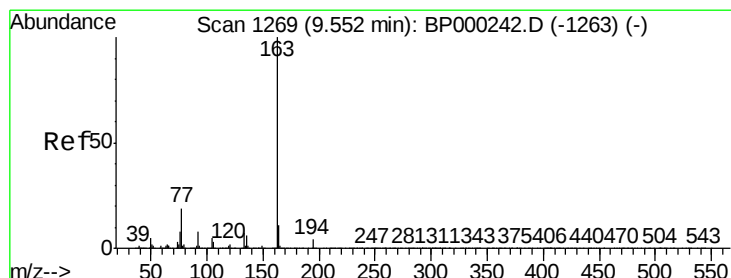
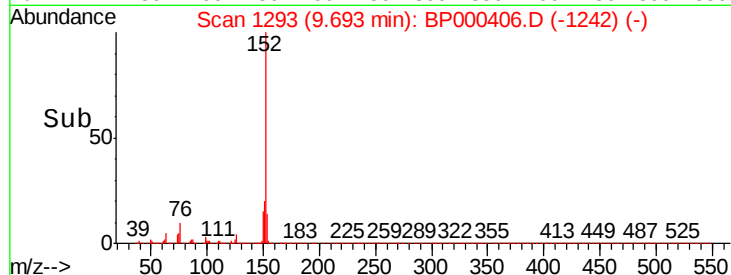
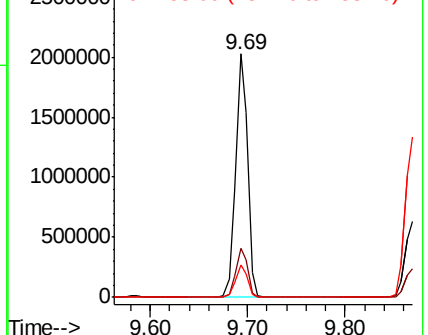
152 100

151 20.3 16.4 24.6

153 13.6 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.748 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

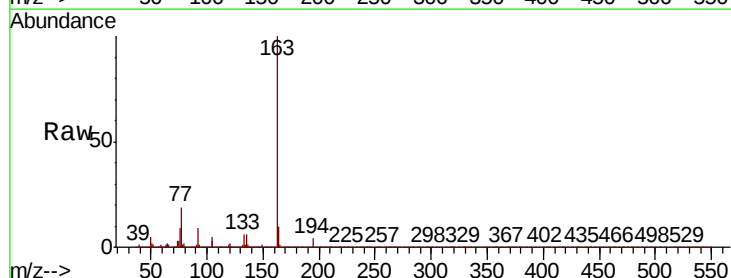
Tgt Ion:163 Resp: 1260825

Ion Ratio Lower Upper

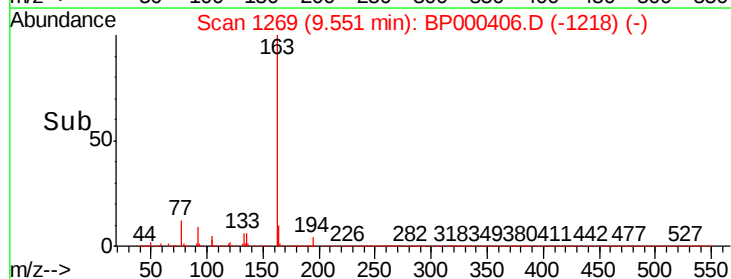
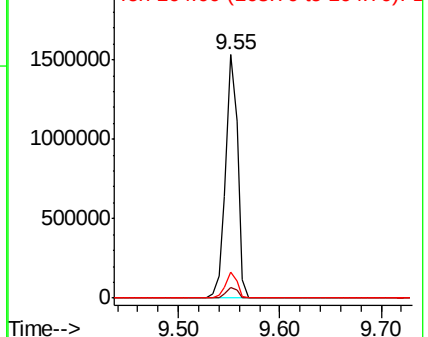
163 100

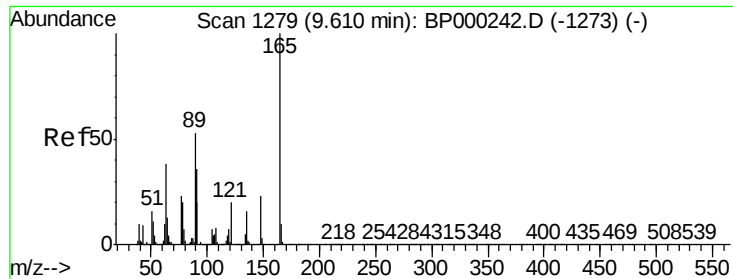
194 4.1 3.4 5.0

164 10.5 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

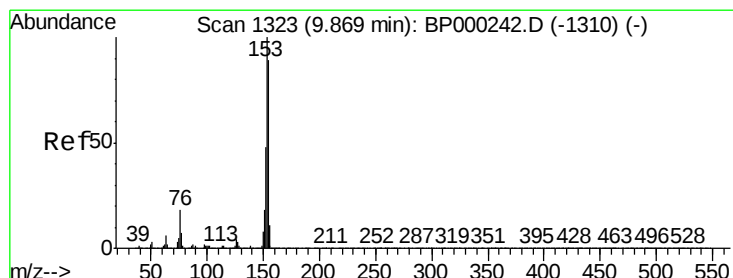
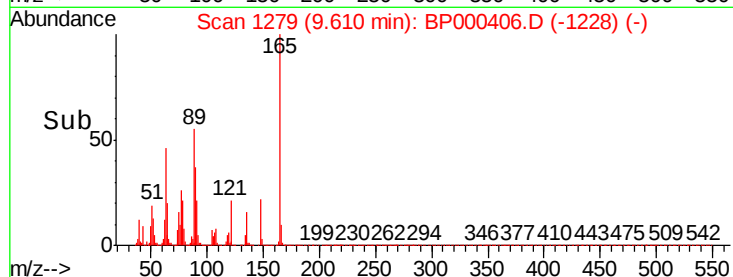
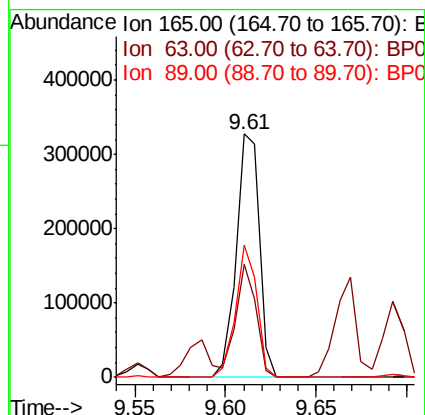
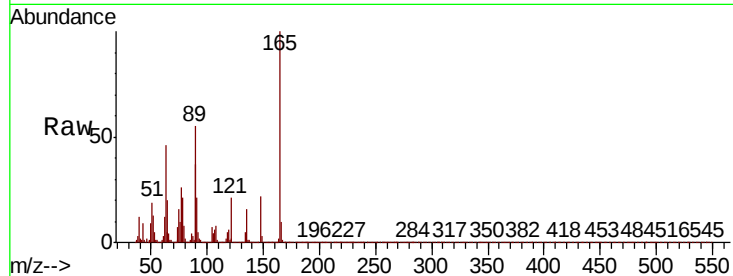




#51
 2,6-Dinitrotoluene
 Concen: 44.873 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

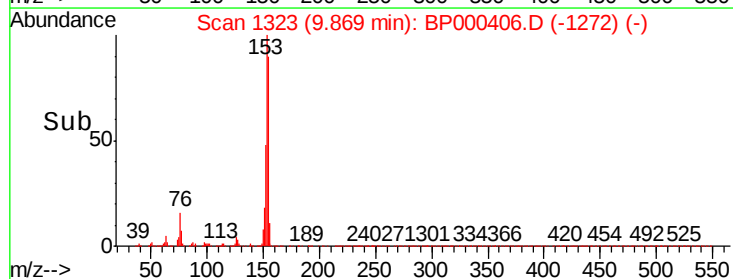
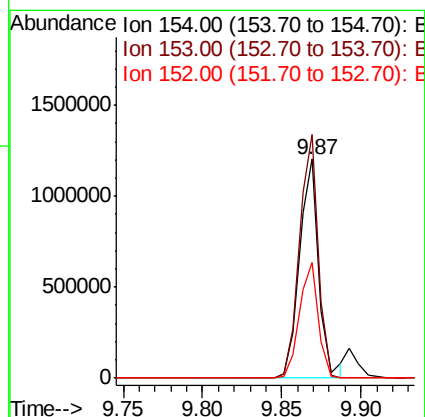
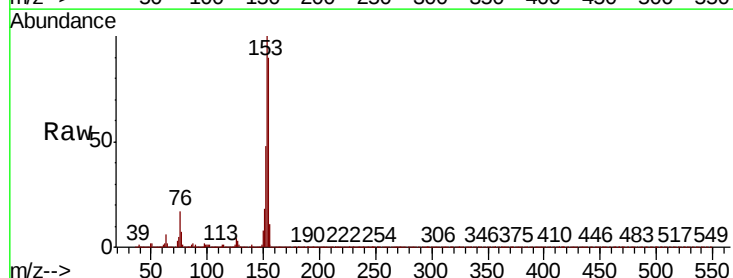
Instrument :
 BNA_P
 ClientSampled :

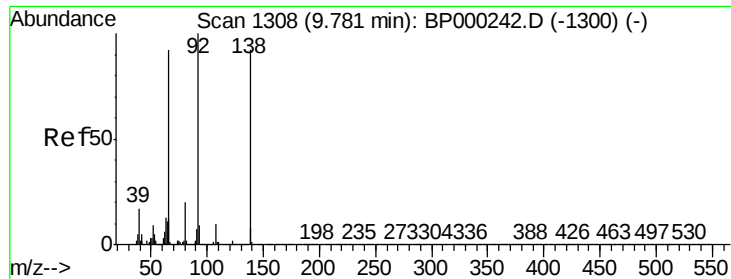
Tot Ion	165	Resp	291009
Ion Ratio	Lower	Upper	
165	100		
63	46.3	35.8	53.8
89	54.6	42.6	63.8



#52
 Acenaphthene
 Concen: 42.545 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

Tgt Ion	154	Resp	1013869
Ion Ratio	Lower	Upper	
154	100		
153	111.3	89.8	134.6
152	53.0	43.4	65.0

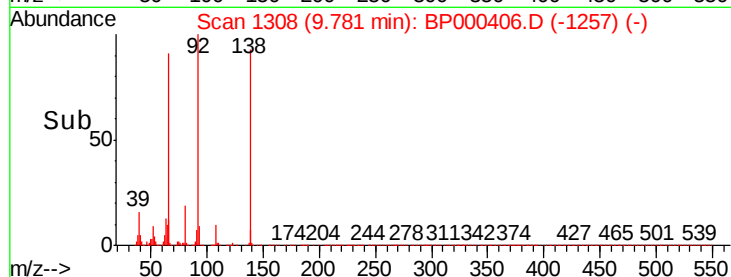
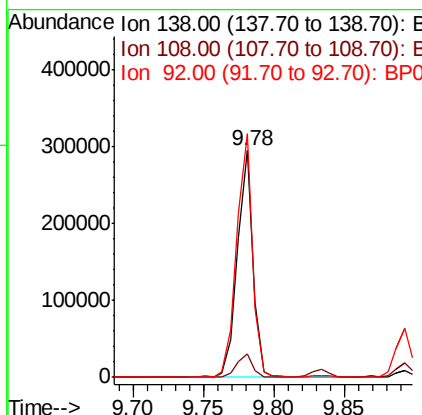
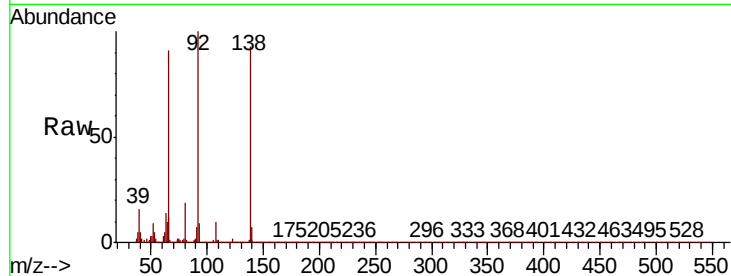




#53
3-Nitroaniline
Concen: 30.003 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

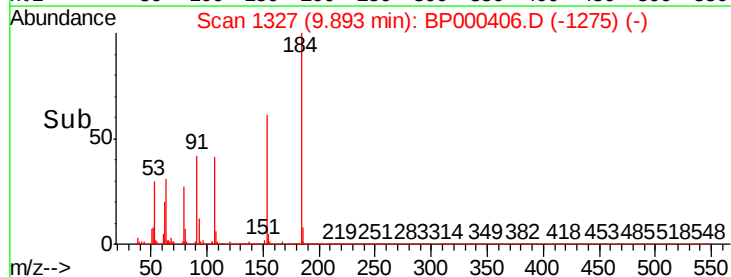
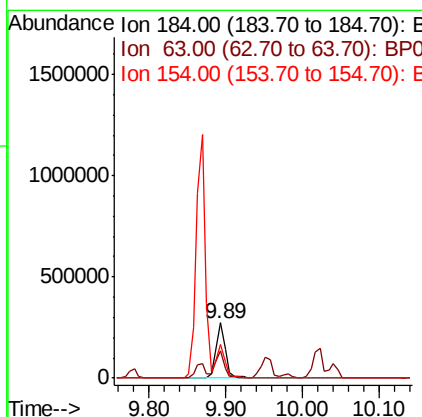
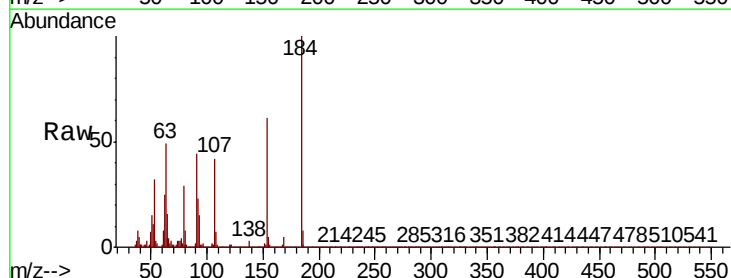
Instrument :
BNA_P
ClientSampleId :

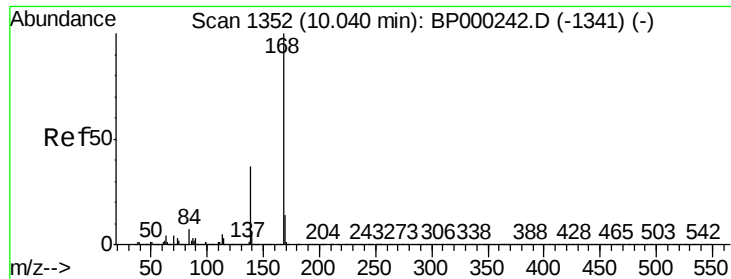
Tot Ion:138 Resp: 225847
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 107.4 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 79.123 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:184 Resp: 226697
Ion Ratio Lower Upper
184 100
63 49.5 39.5 59.3
154 61.5 48.8 73.2

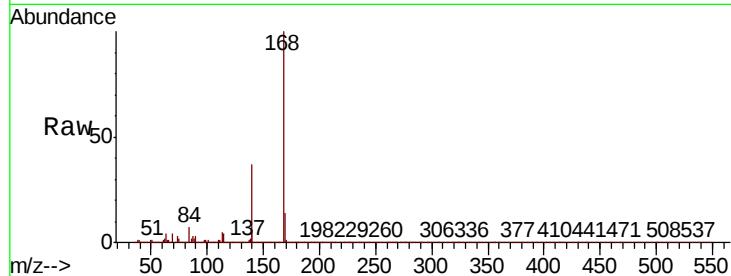




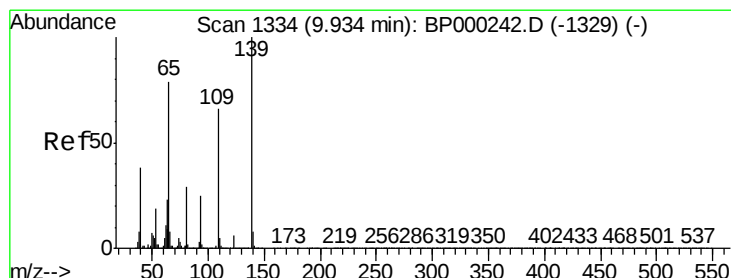
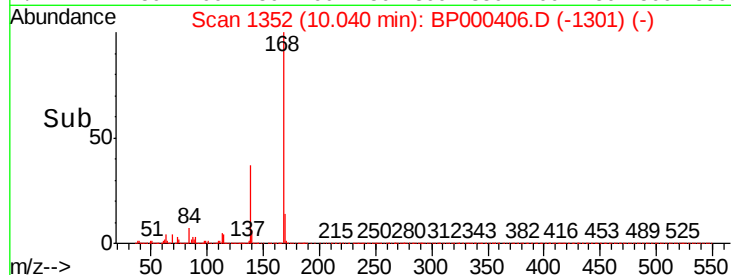
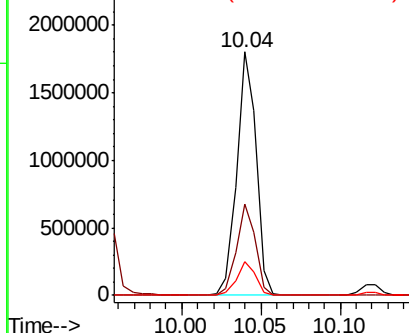
#55
Dibenzofuran
Concen: 44.974 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion:168 Resp: 1515066
Ion Ratio Lower Upper
168 100
139 37.3 30.0 45.0
169 13.8 11.0 16.6

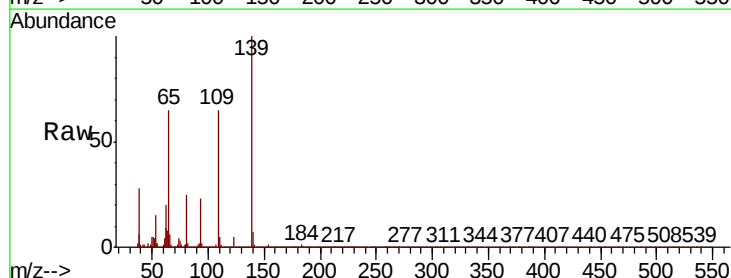


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

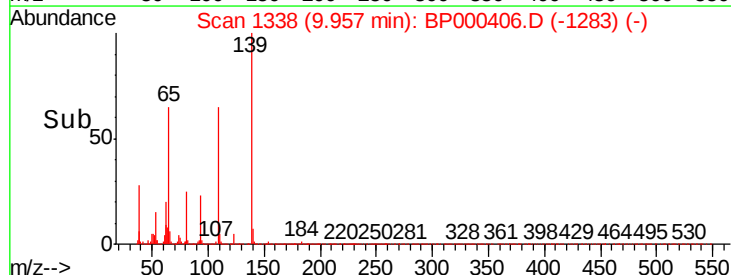
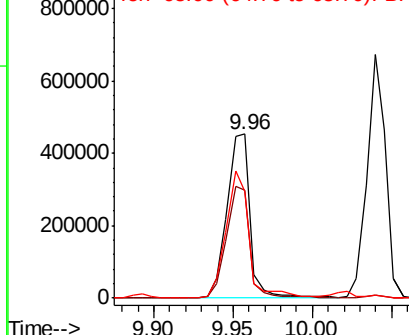


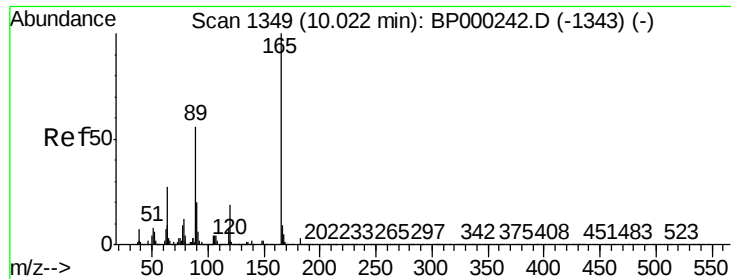
#56
4-Nitrophenol
Concen: 82.522 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:139 Resp: 462025
Ion Ratio Lower Upper
139 100
109 65.4 46.2 86.2
65 65.2 59.4 99.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BPO





#57

2,4-Dinitrotoluene

Concen: 45.812 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165 Resp: 388397

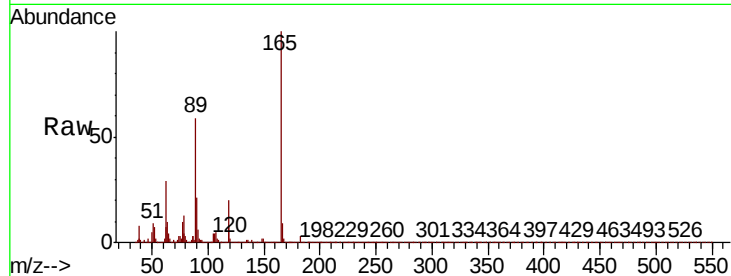
Ion	Ratio	Lower	Upper
165	100		
63	29.0	21.7	32.5
89	59.0	45.0	67.6
182	3.1	2.4	3.6

165 100

63 29.0 21.7 32.5

89 59.0 45.0 67.6

182 3.1 2.4 3.6

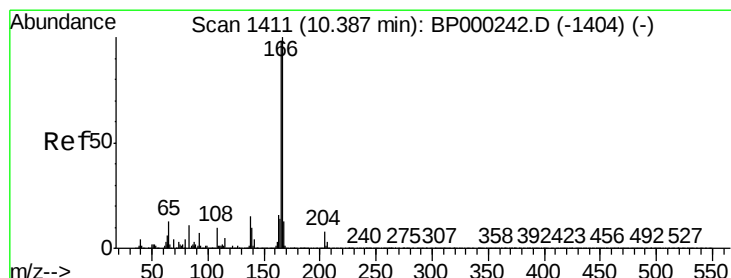
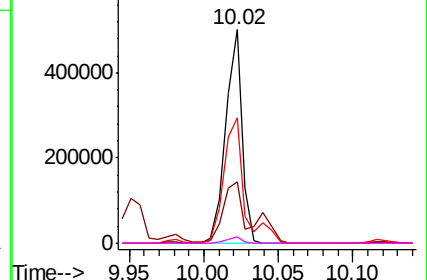
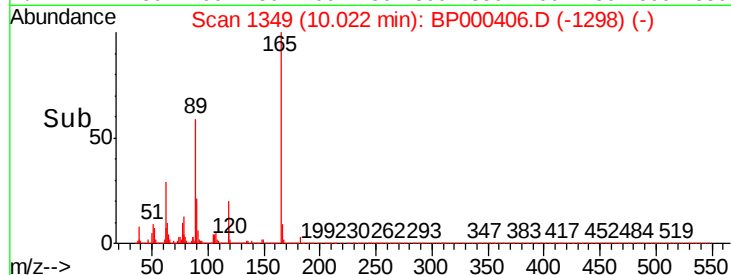


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.935 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

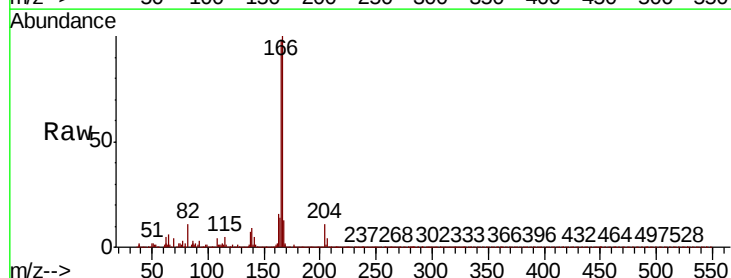
Tgt Ion:166 Resp: 1169203

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.2
167	13.3	10.7	16.1

166 100

165 97.7 78.2 117.2

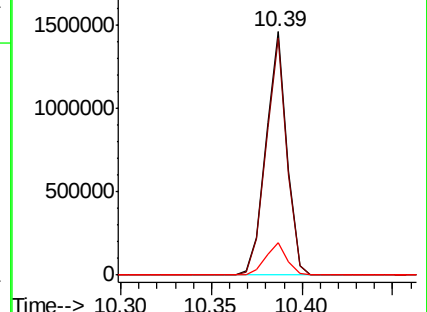
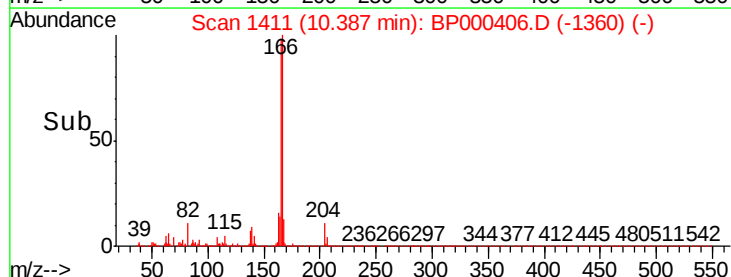
167 13.3 10.7 16.1

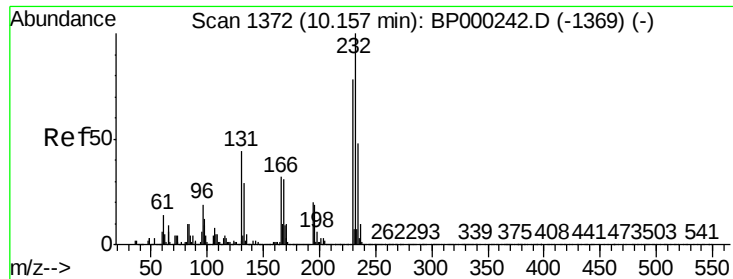


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

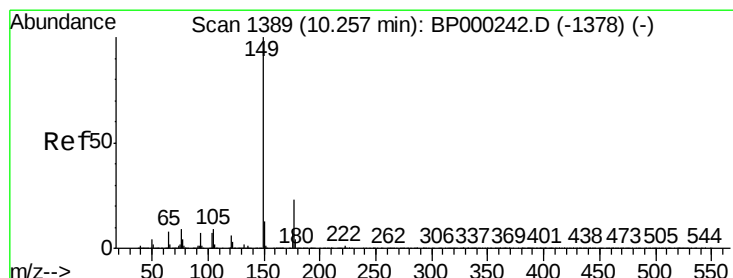
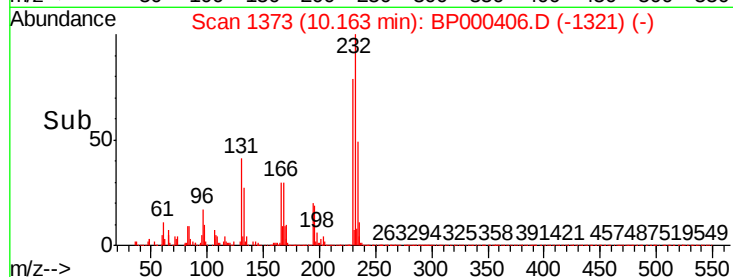
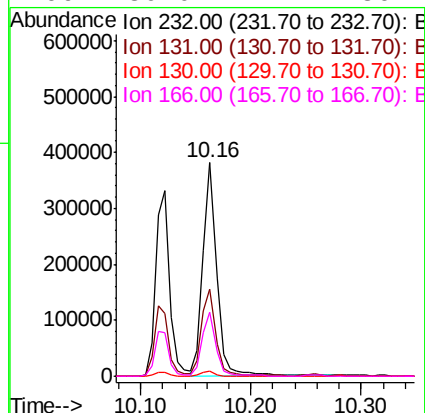
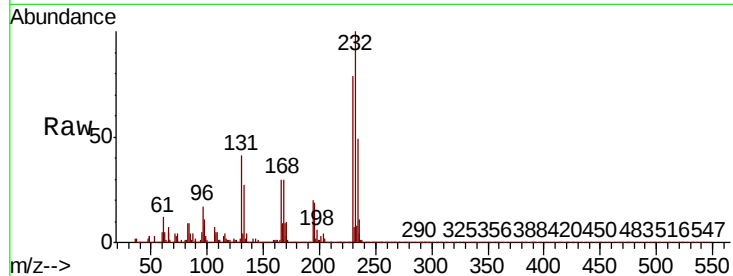




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.665 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.01 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

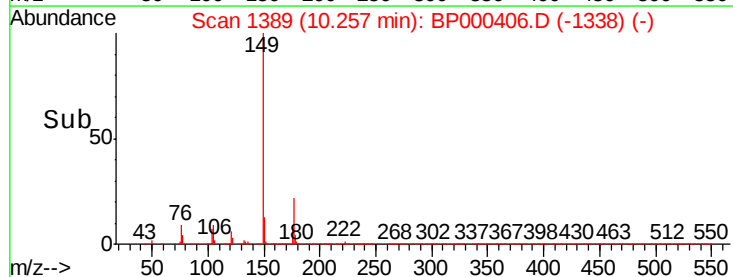
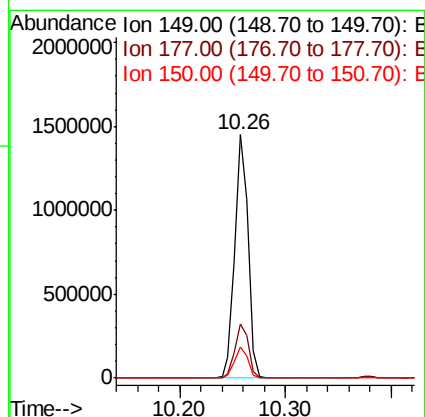
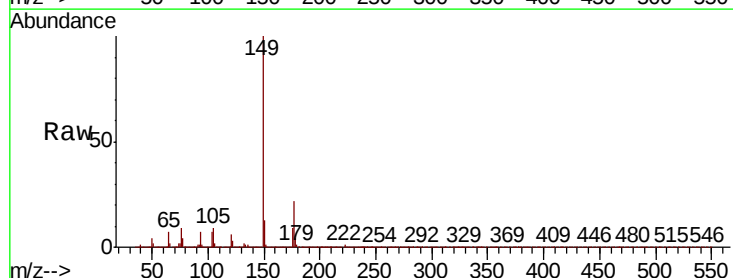
Instrument :
 BNA_P
 ClientSampled :

Tot Ion:232	Resp:	322317
Ion Ratio	Lower	Upper
232	100	
131	42.9	33.6 50.4
130	2.3	1.8 2.6
166	30.0	24.2 36.2



#60
 Diethylphthalate
 Concen: 43.560 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

Tgt Ion:149	Resp:	1235923
Ion Ratio	Lower	Upper
149	100	
177	22.4	18.1 27.1
150	12.6	10.3 15.5

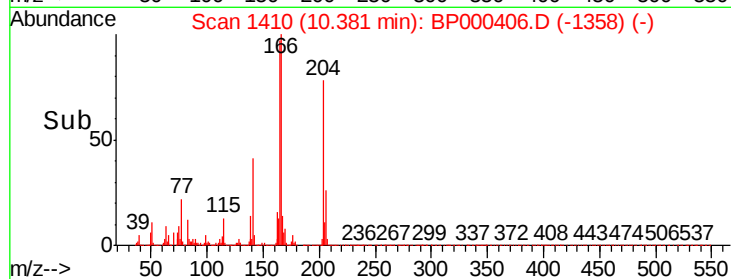
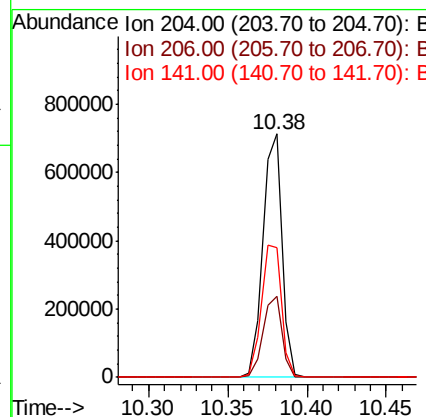
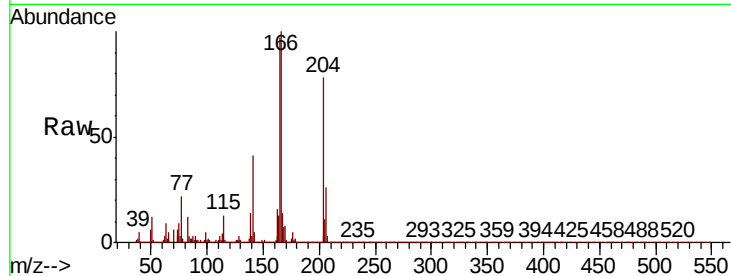




#61
4-Chlorophenyl-phenylether
Concen: 44.963 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

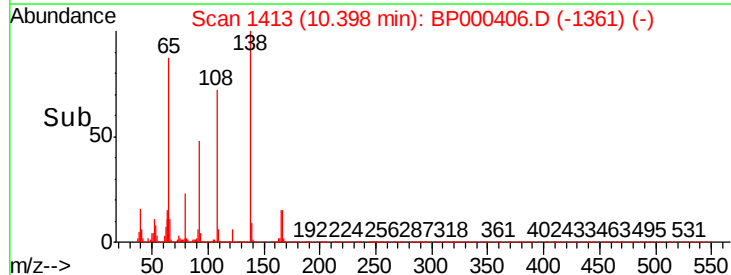
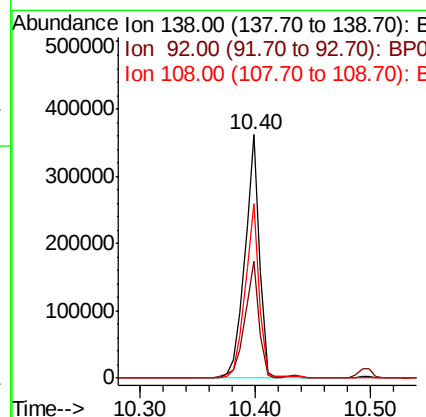
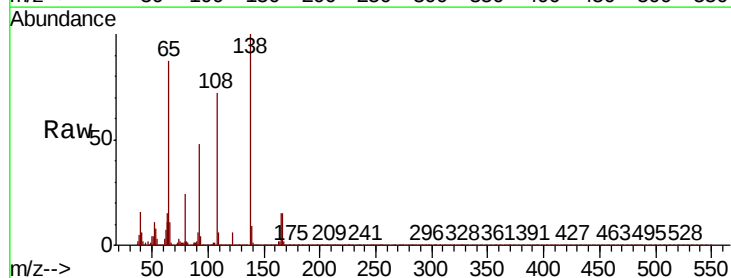
Instrument :
BNA_P
ClientSampled :

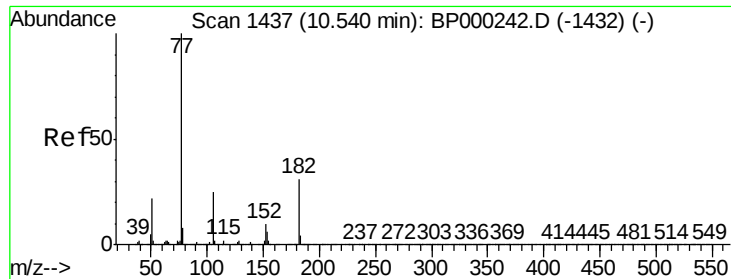
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	53.1	48.6	72.8



#62
4-Nitroaniline
Concen: 42.869 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	30.1	70.1
108	71.7	49.5	89.5

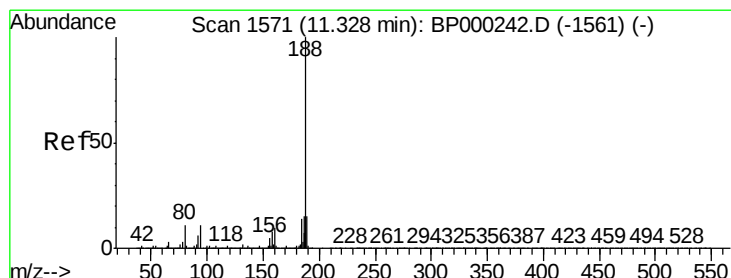
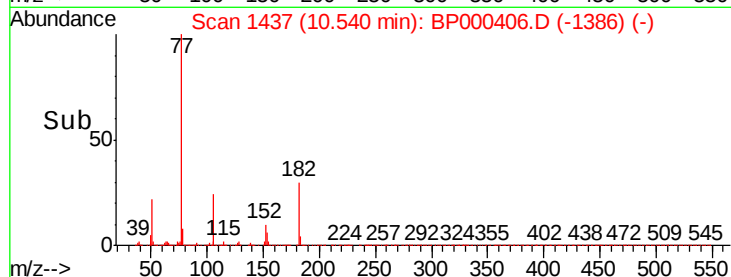
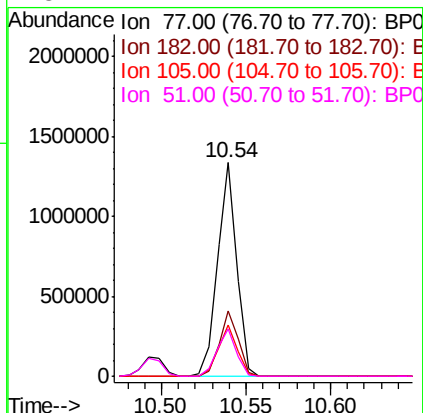
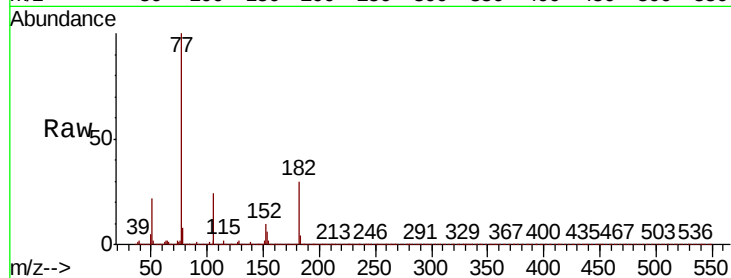




#63
Azobenzene
Concen: 44.072 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

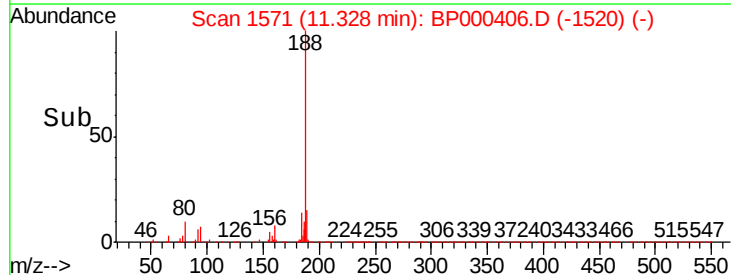
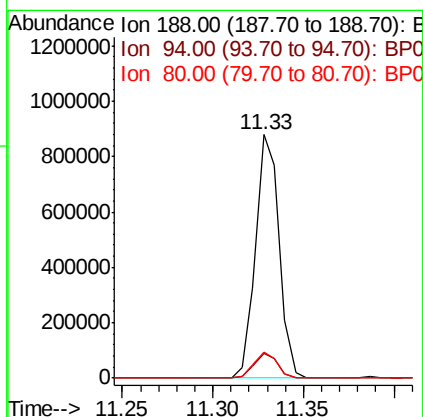
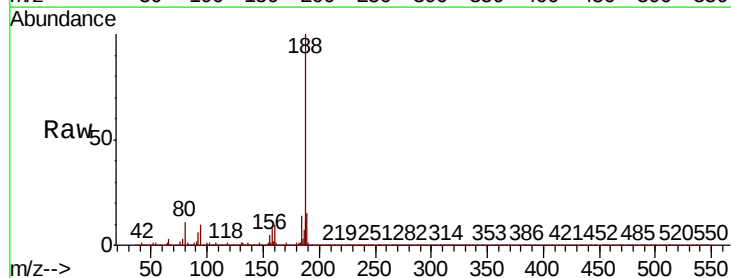
Instrument :
BNA_P
ClientSampleId :

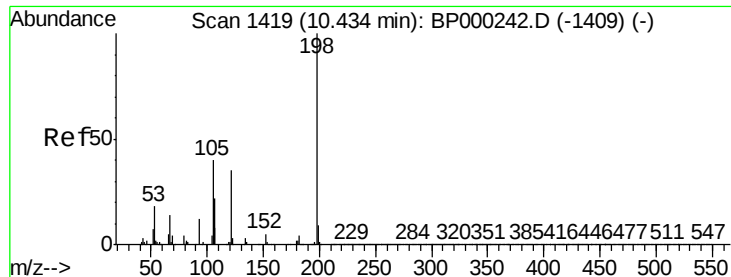
Tot Ion: 77 Resp: 1059396
Ion Ratio Lower Upper
77 100
182 30.4 11.1 51.1
105 24.1 4.7 44.7
51 22.1 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion: 188 Resp: 793607
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.8 8.6 13.0

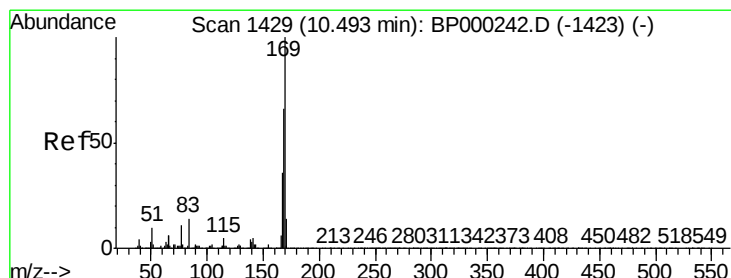
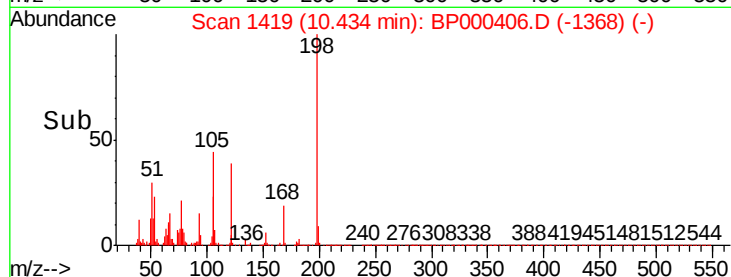
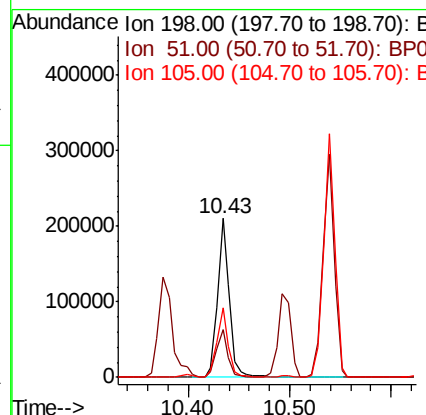
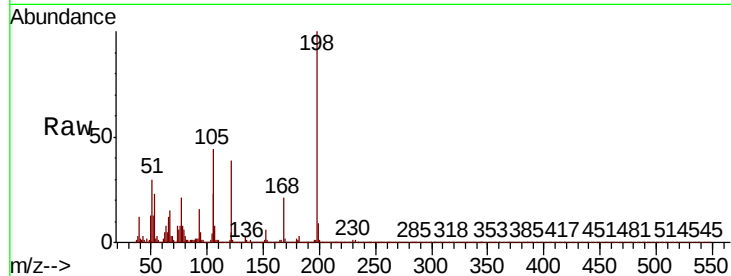




#65
4,6-Dinitro-2-methylphenol
Concen: 45.601 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

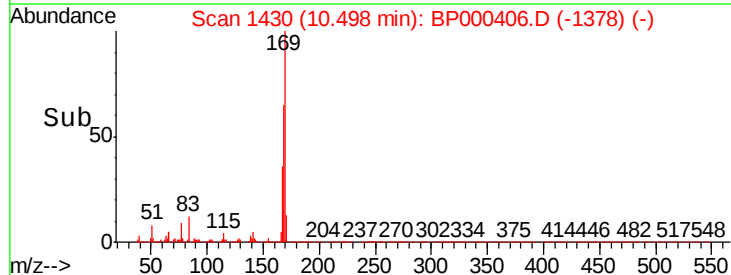
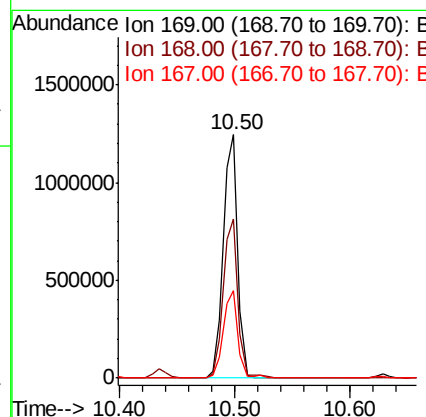
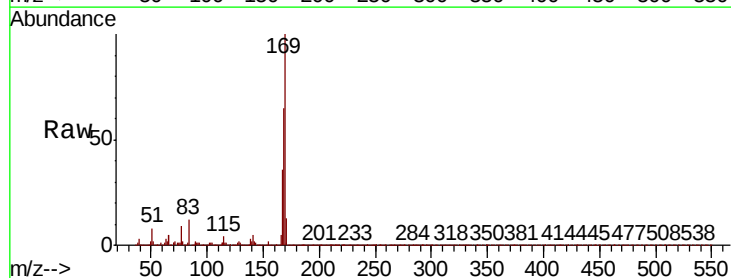
Instrument :
BNA_P
ClientSampleId :

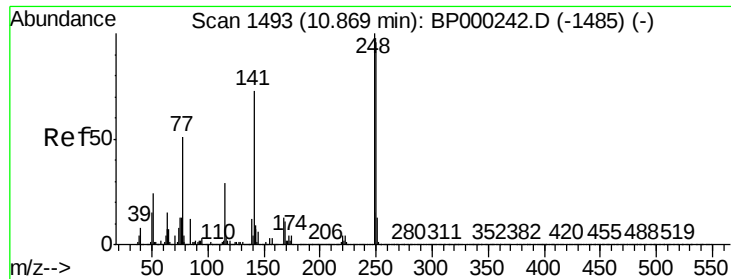
Tot Ion:198 Resp: 170163
Ion Ratio Lower Upper
198 100
51 29.9 7.4 47.4
105 43.7 20.2 60.2



#66
n-Nitrosodiphenylamine
Concen: 44.536 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:169 Resp: 1063987
Ion Ratio Lower Upper
169 100
168 65.2 52.9 79.3
167 35.9 29.0 43.6

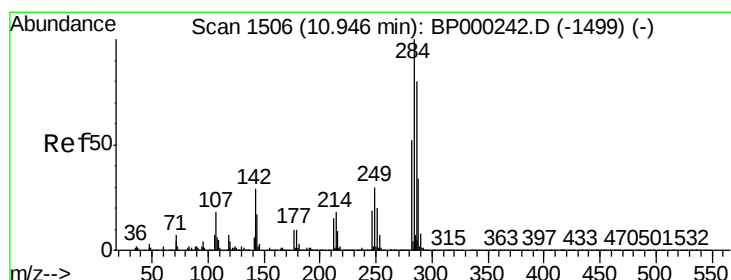
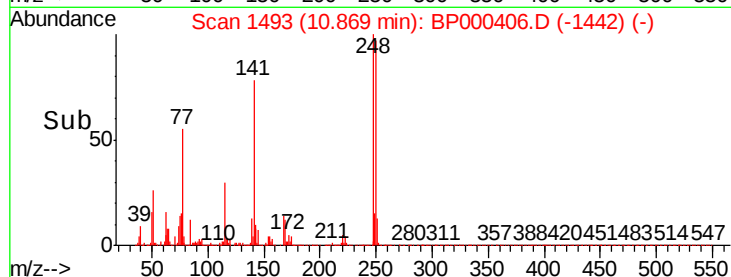
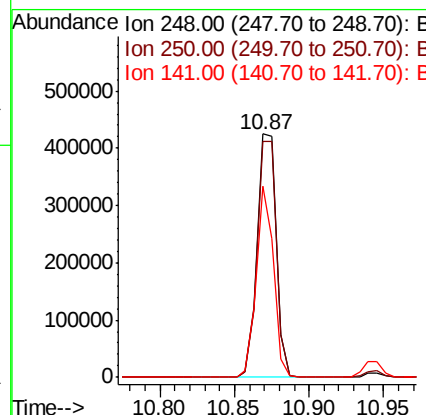
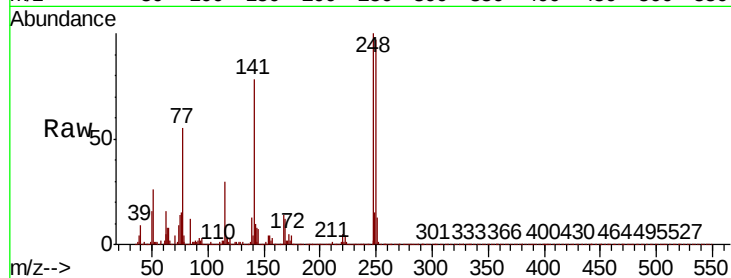




#67
4-Bromophenyl-phenylether
Concen: 41.663 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

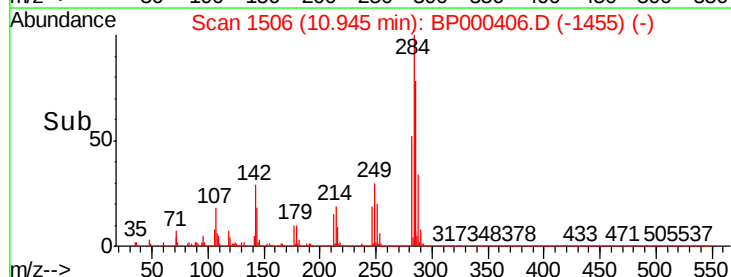
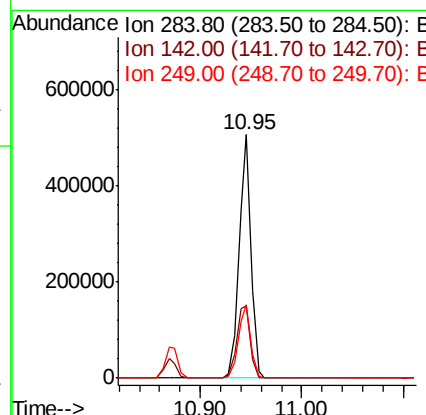
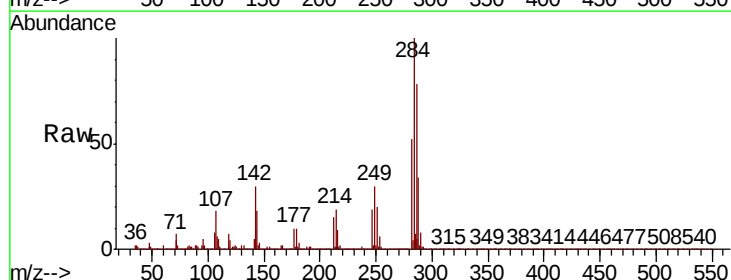
Instrument :
BNA_P
ClientSampleId :

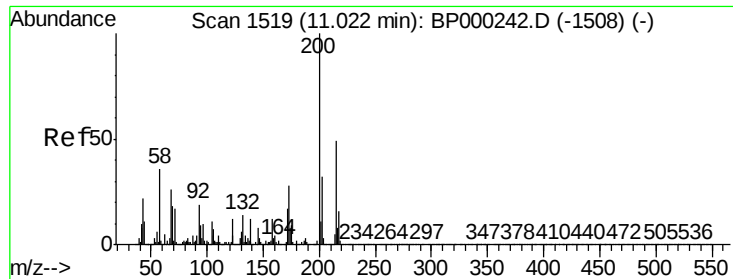
Tot Ion:248 Resp: 373895
Ion Ratio Lower Upper
248 100
250 96.7 77.0 115.4
141 78.3 58.5 87.7



#68
Hexachlorobenzene
Concen: 41.524 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:284 Resp: 407395
Ion Ratio Lower Upper
284 100
142 29.6 23.6 35.4
249 30.2 24.3 36.5





#69

Atrazine

Concen: Below Cal

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

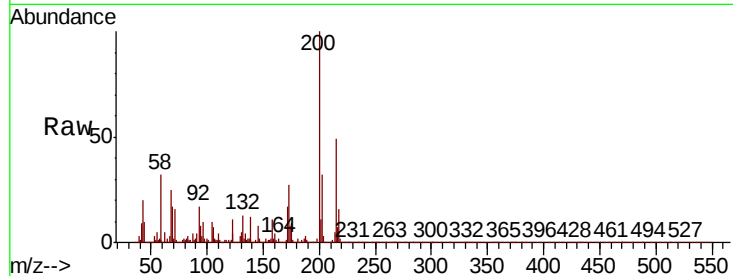
Instrument :

BNA_P

ClientSampled :

Tot Ion:200 Resp: 334377

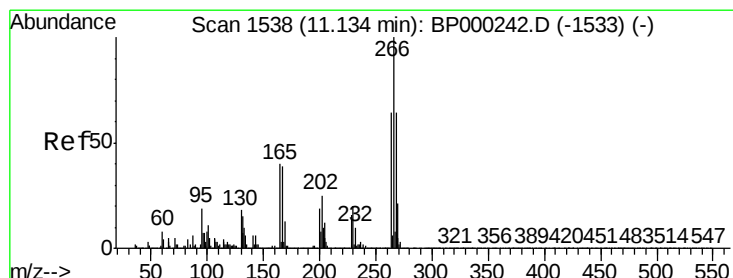
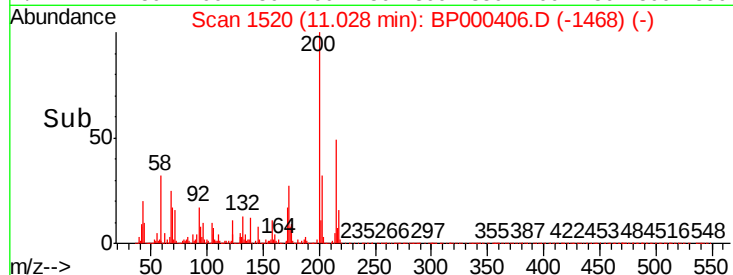
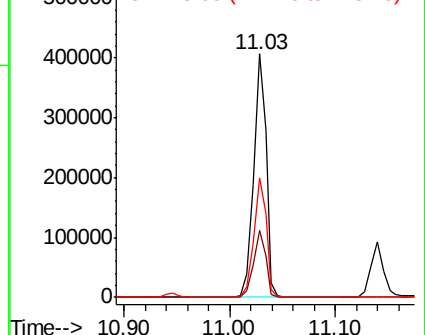
Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.6	47.6
215	49.1	28.6	68.6



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: 80.566 ng

RT: 11.14 min Scan# 1539

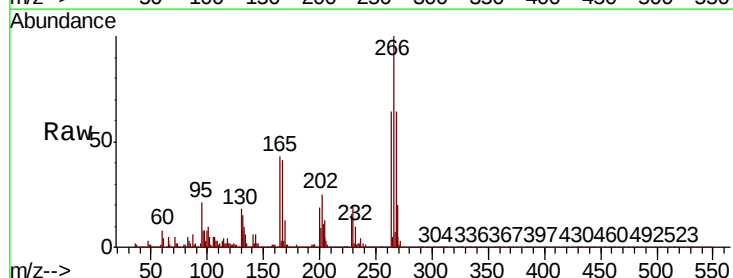
Delta R.T. 0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Tgt Ion:266 Resp: 430496

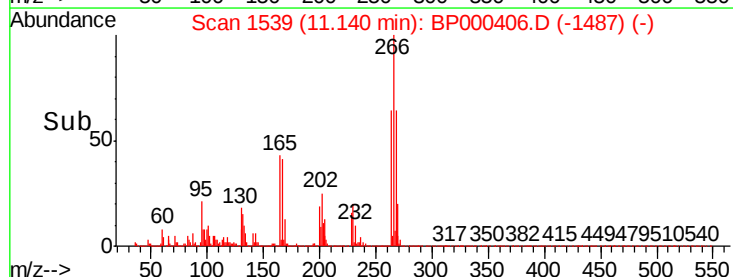
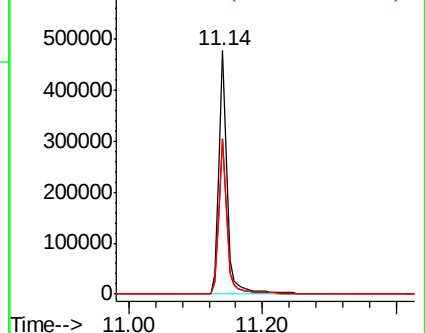
Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.6	77.4
264	63.6	50.8	76.2

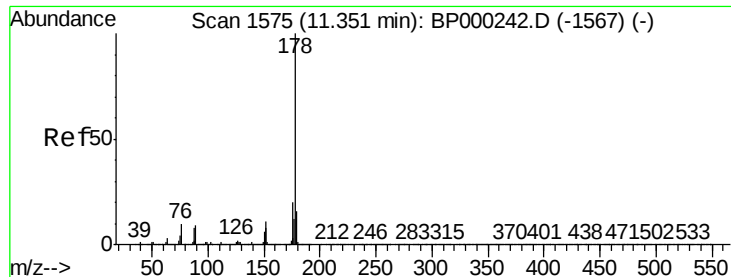


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.212 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Instrument :

BNA_P

ClientSampled :

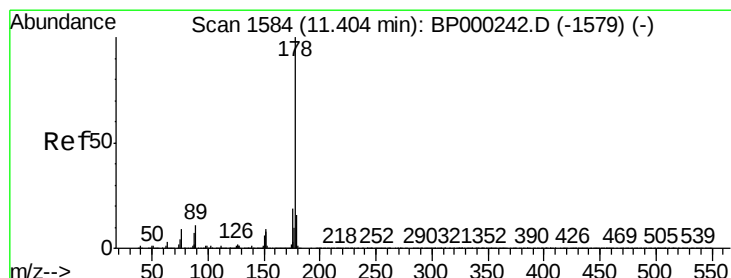
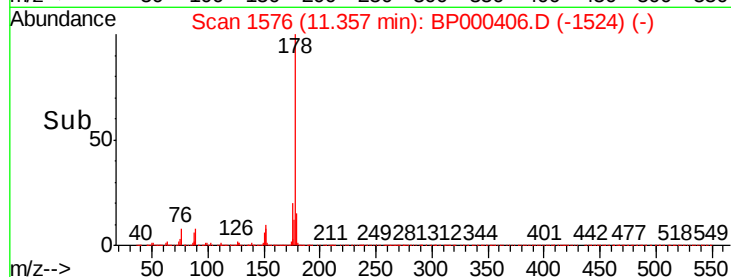
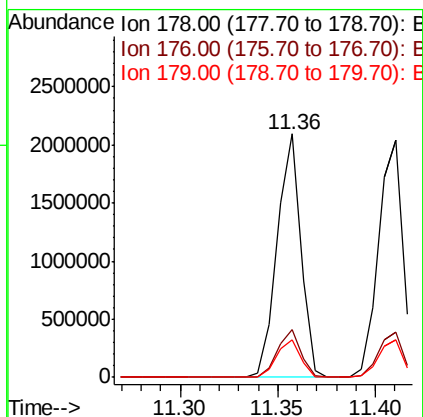
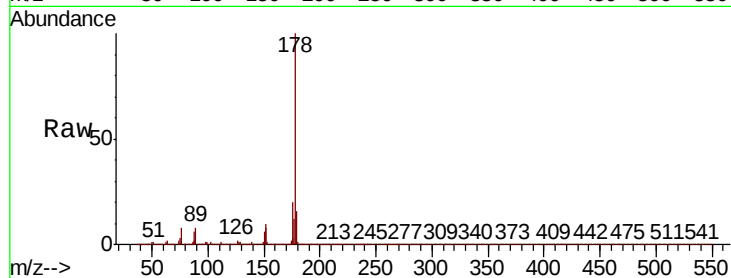
Tot Ion:178 Resp: 1758280

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.5	12.7	19.1

178 100

176 19.7 15.8 23.8

179 15.5 12.7 19.1



#72

Anthracene

Concen: 43.375 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

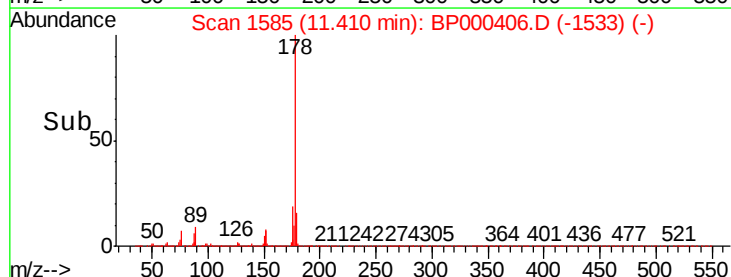
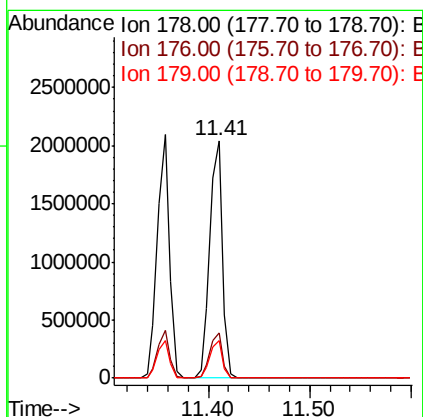
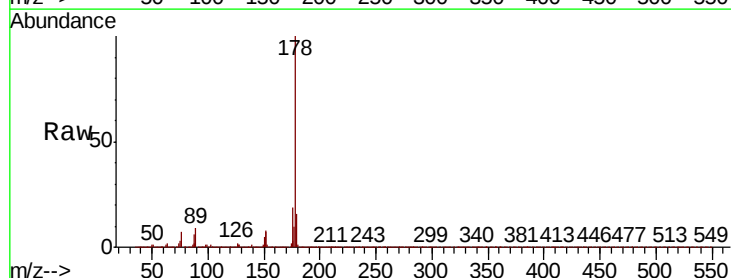
Tgt Ion:178 Resp: 1775602

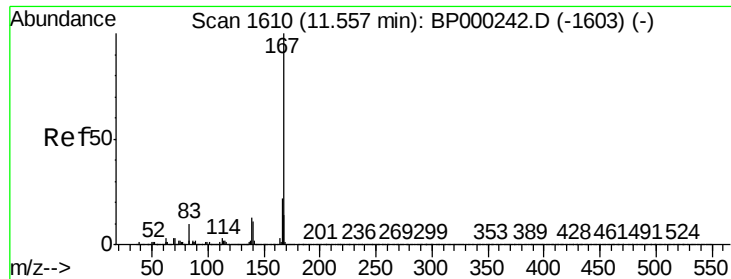
Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.6	12.7	19.1

178 100

176 19.2 15.4 23.0

179 15.6 12.7 19.1

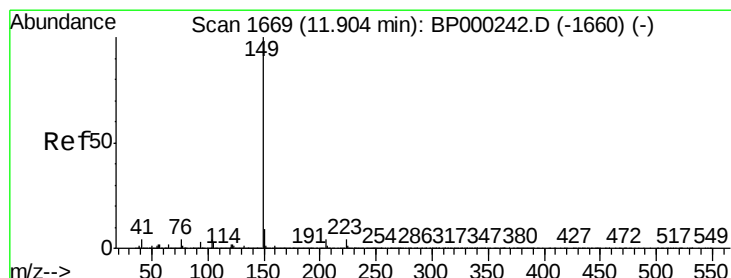
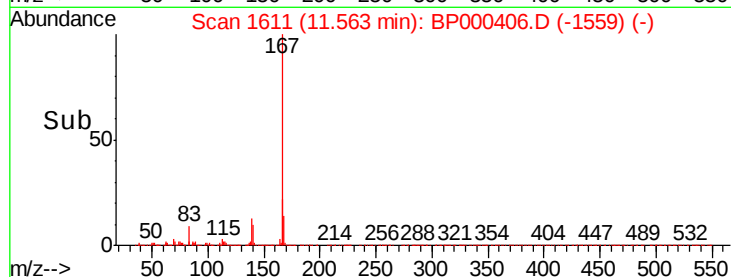
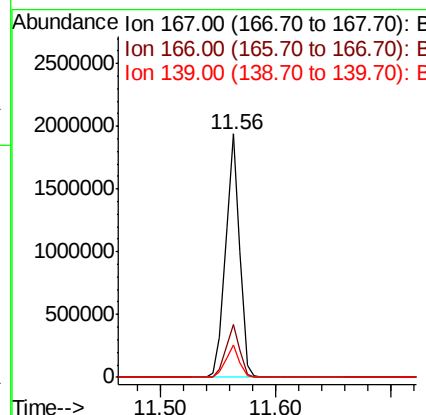
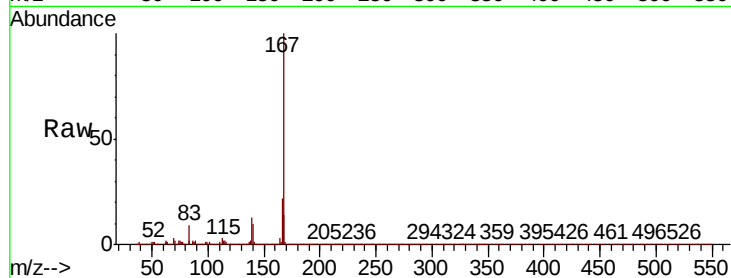




#73
 Carbazole
 Concen: 44.363 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

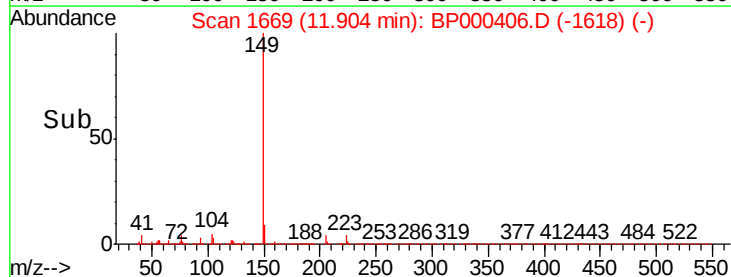
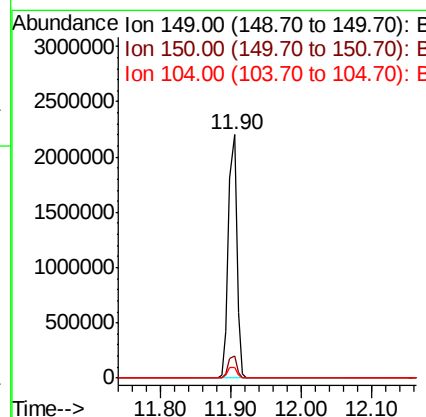
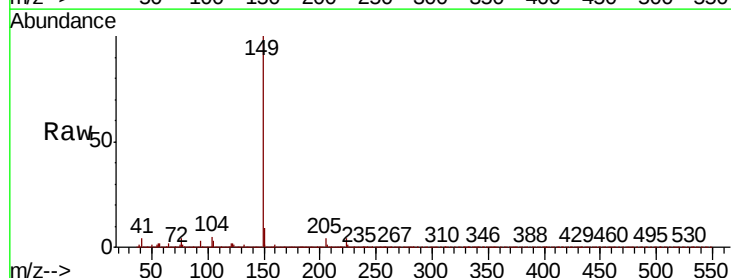
Instrument :
 BNA_P
 ClientSampleId :

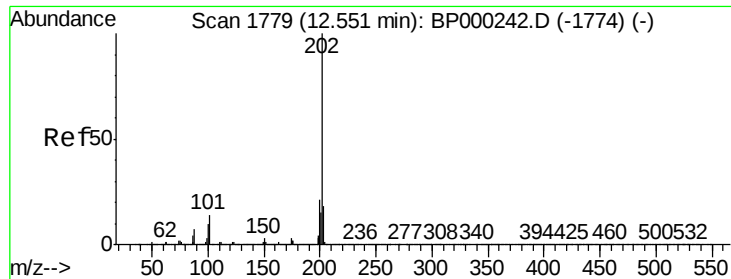
Tot Ion:167 Resp: 1635443
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 38.636 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BP000406.D
 Acq: 25 Sep 2019 13:40

Tgt Ion:149 Resp: 1802869
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.6 3.5 5.3

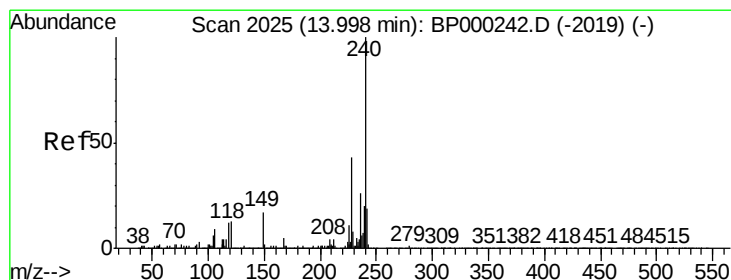
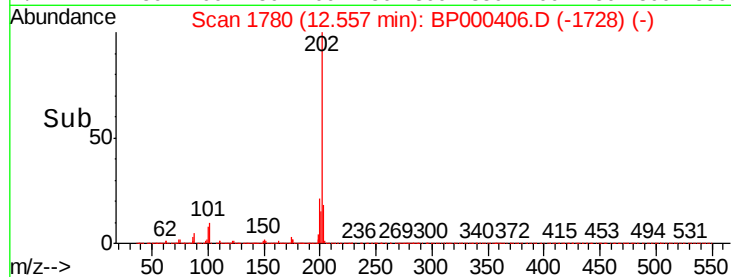
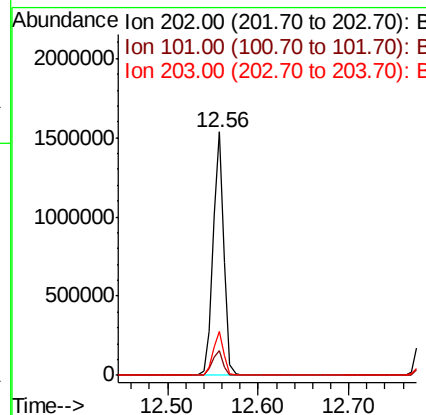
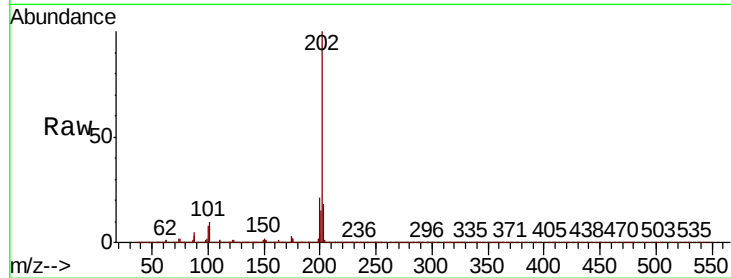




#75
Fluoranthene
Concen: 30.226 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

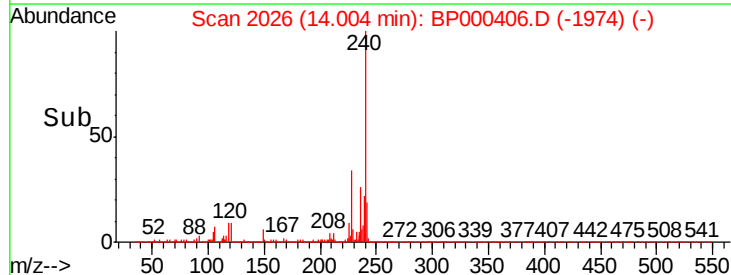
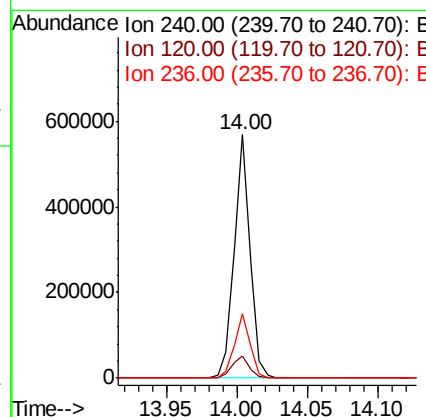
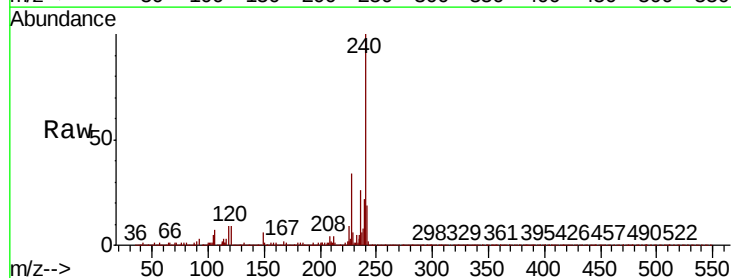
Instrument :
BNA_P
ClientSampleId :

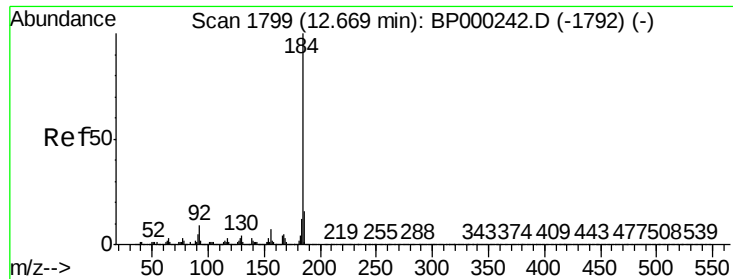
Tot Ion:202 Resp: 1290767
Ion Ratio Lower Upper
202 100
101 9.9 0.0 33.9
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:240 Resp: 442021
Ion Ratio Lower Upper
240 100
120 9.3 10.4 15.6#
236 26.5 21.0 31.6





#77

Benzidine

Concen: 36.213 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

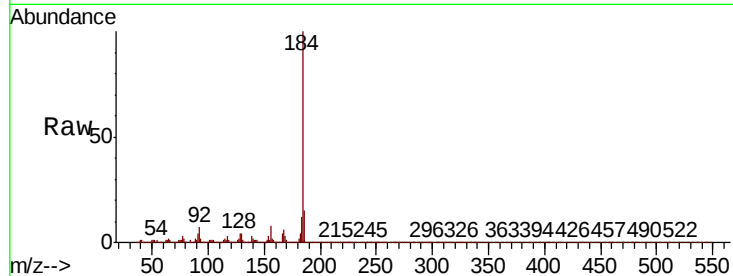
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 571676

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.7	19.1
183	12.2	9.5	14.3

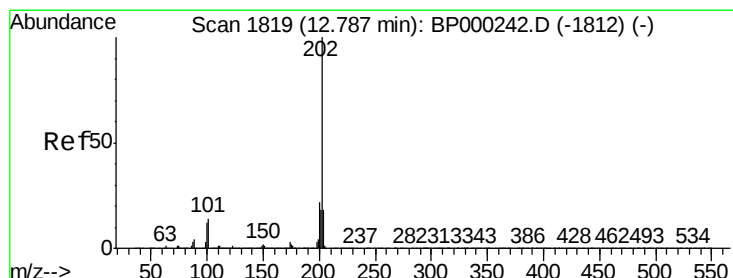
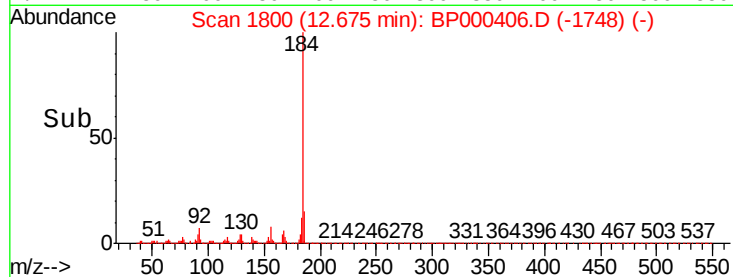
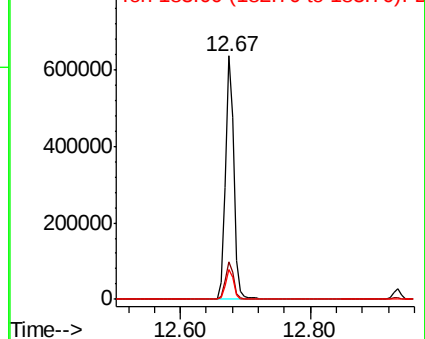


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.993 ng

RT: 12.79 min Scan# 1819

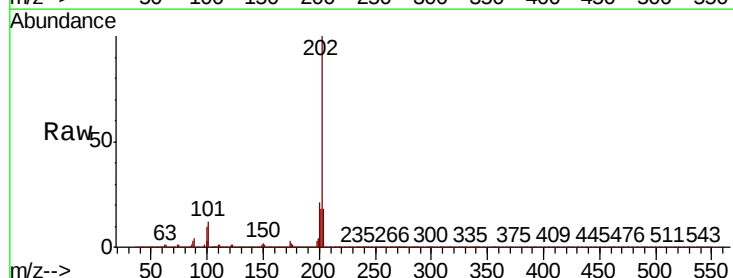
Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Tgt Ion:202 Resp: 1322595

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.5	26.3
203	17.7	14.3	21.5

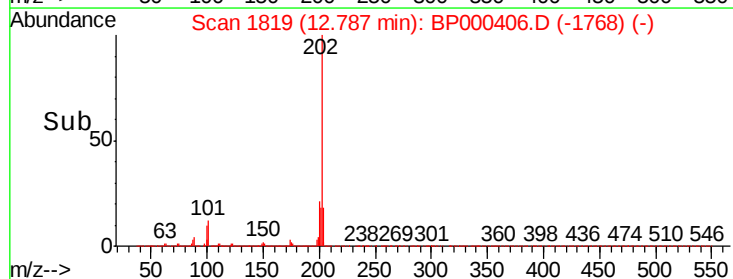
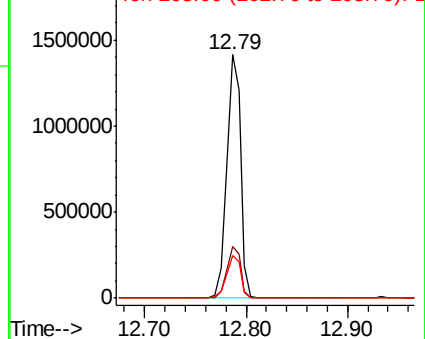


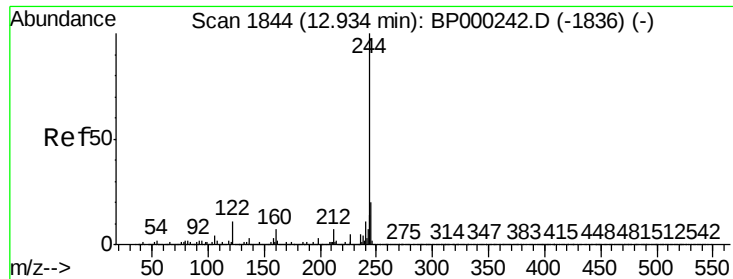
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.251 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Instrument :

BNA_P

ClientSampled :

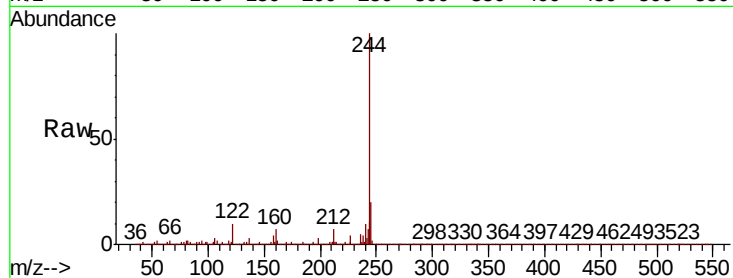
Tot Ion:244 Resp: 1585553

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

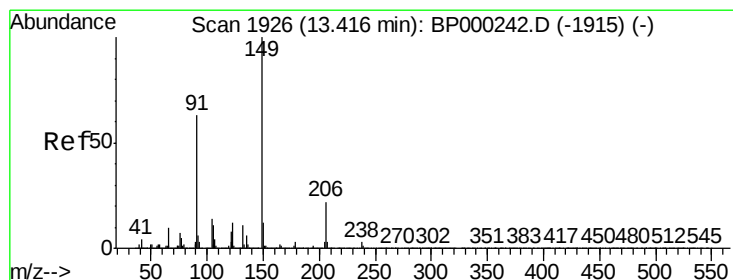
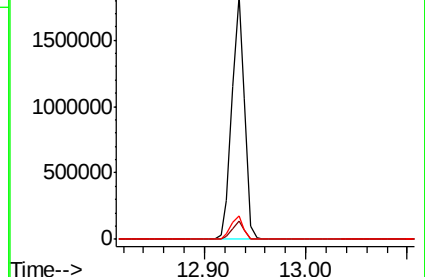
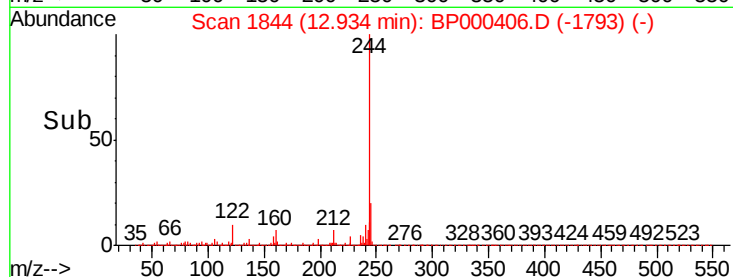
122 9.5 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 36.217 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

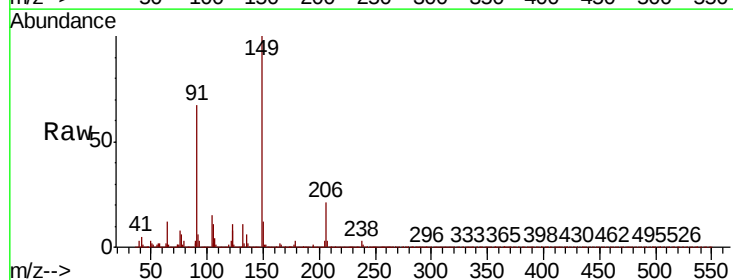
Tgt Ion:149 Resp: 550341

Ion Ratio Lower Upper

149 100

91 66.6 50.6 76.0

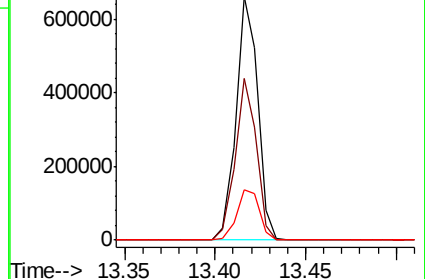
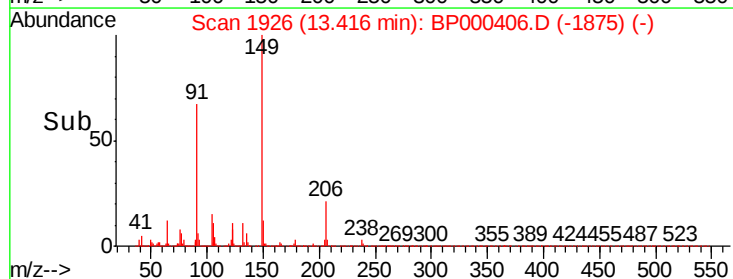
206 20.9 17.8 26.6

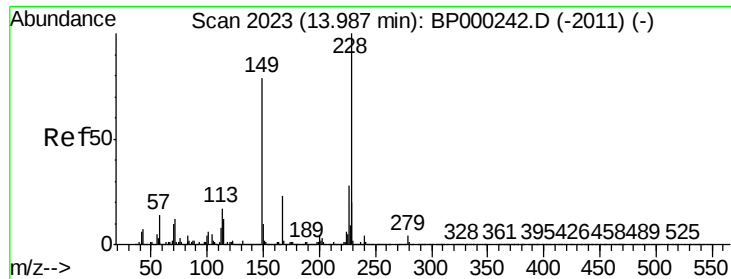


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

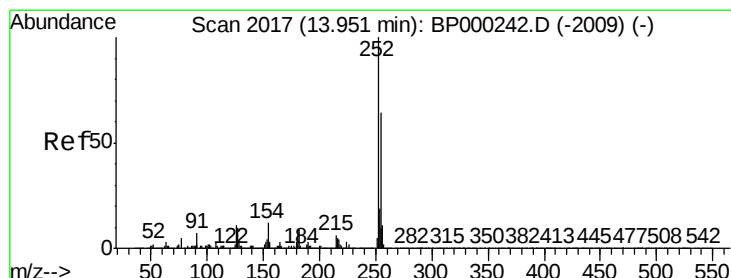
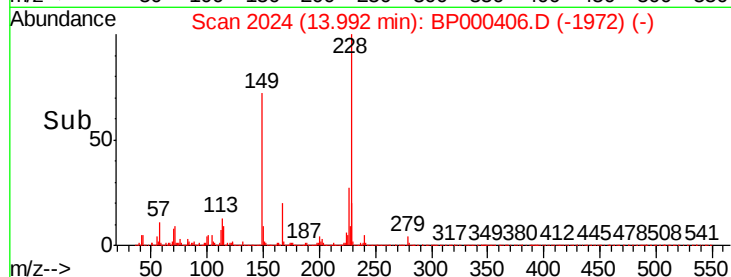
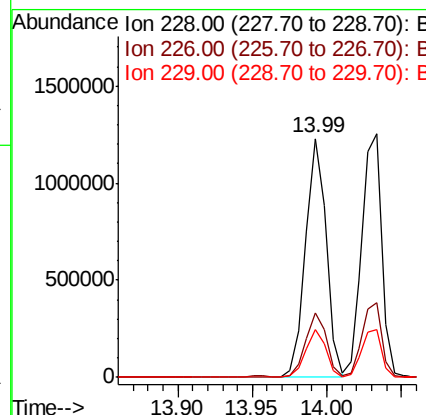
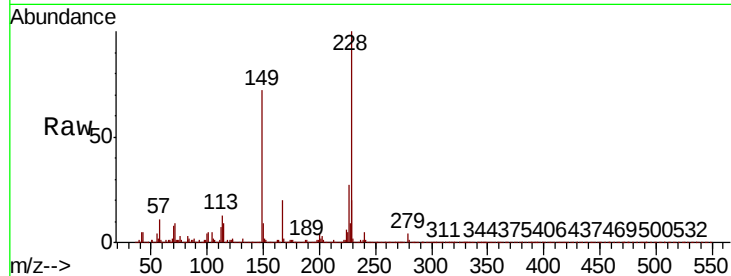




#81
Benzo(a)anthracene
Concen: 42.639 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

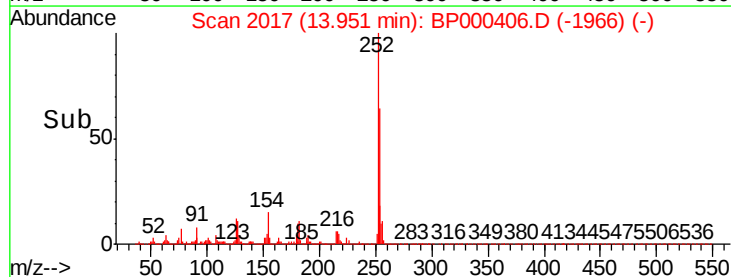
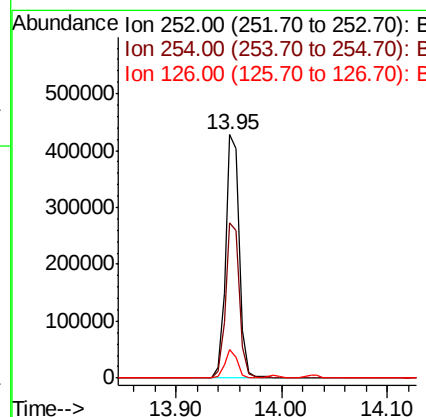
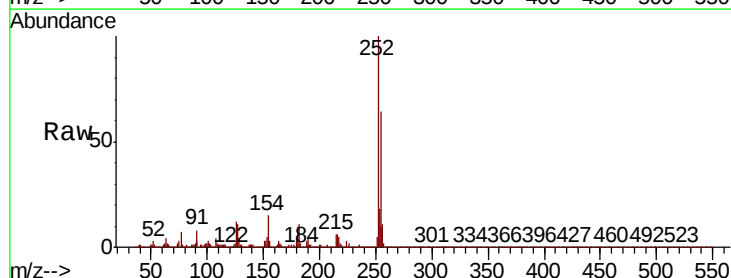
Instrument :
BNA_P
ClientSampleId :

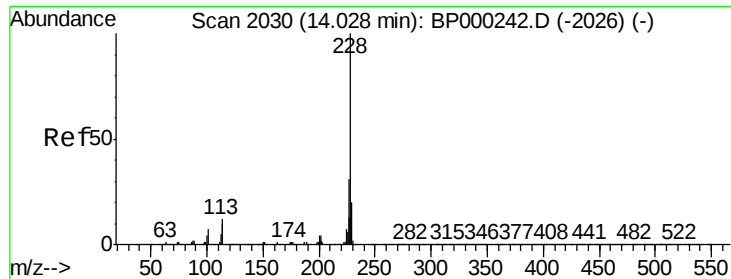
Tot Ion:228 Resp: 1190550
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.4
229 19.8 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 34.919 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:252 Resp: 391834
Ion Ratio Lower Upper
252 100
254 63.8 51.5 77.3
126 11.9 8.4 12.6





#83

Chrysene

Concen: 42.823 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Instrument :

BNA_P

ClientSampleId :

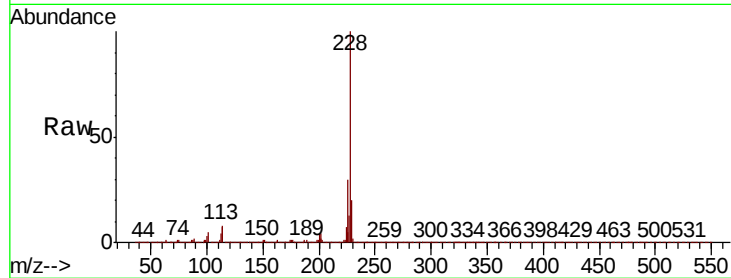
Tot Ion:228 Resp: 1173977

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.9	37.3
229	19.7	16.2	24.2

228 100

226 30.4 24.9 37.3

229 19.7 16.2 24.2

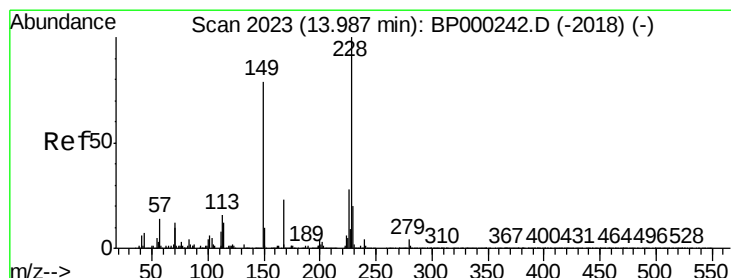
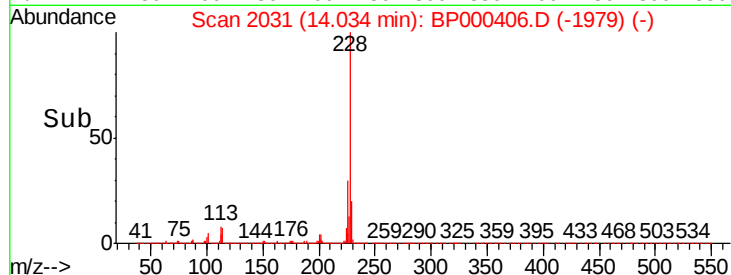
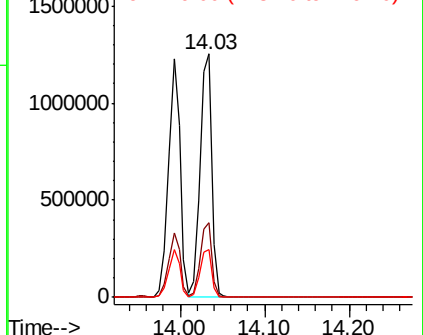


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.378 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

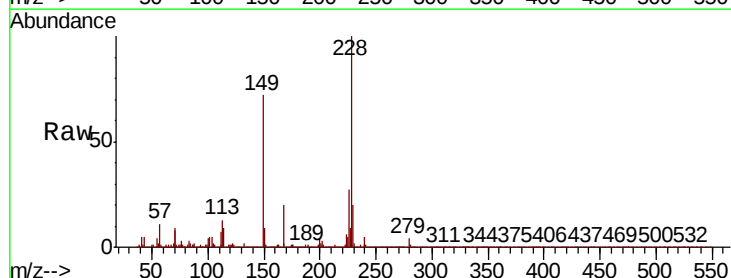
Tgt Ion:149 Resp: 736538

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.4
279	5.4	3.7	5.5

149 100

167 28.1 23.0 34.4

279 5.4 3.7 5.5

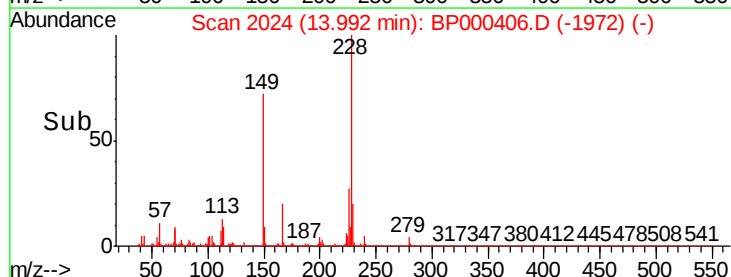
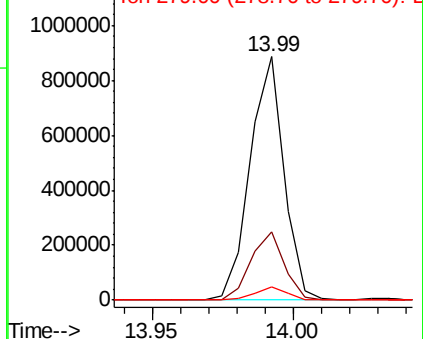


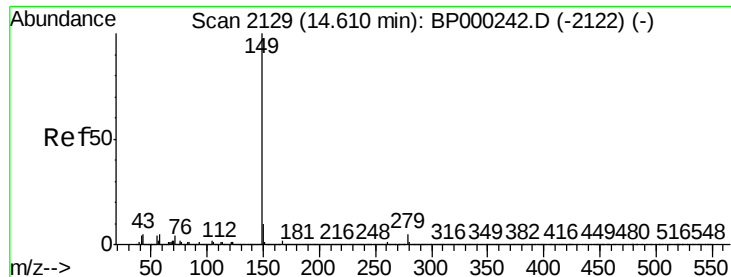
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.248 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

Instrument :

BNA_P

ClientSampleId :

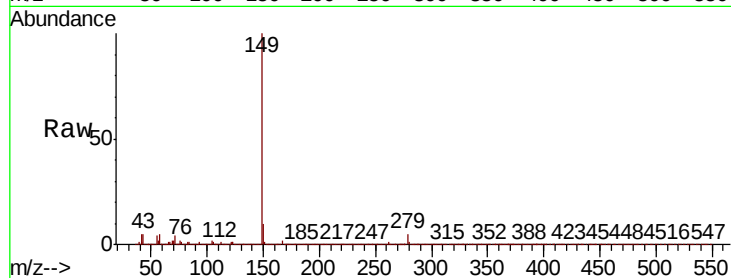
Tot Ion:149 Resp: 1326912

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

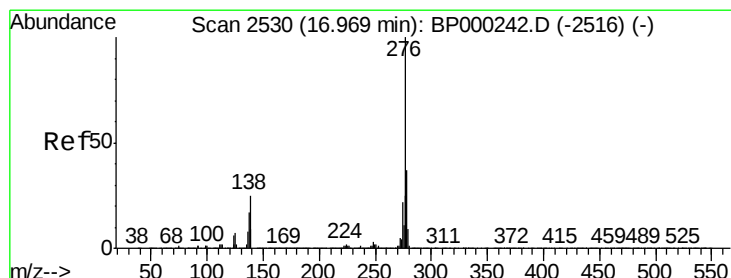
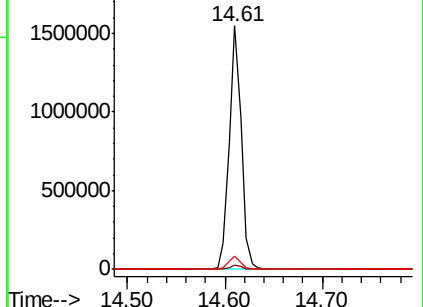
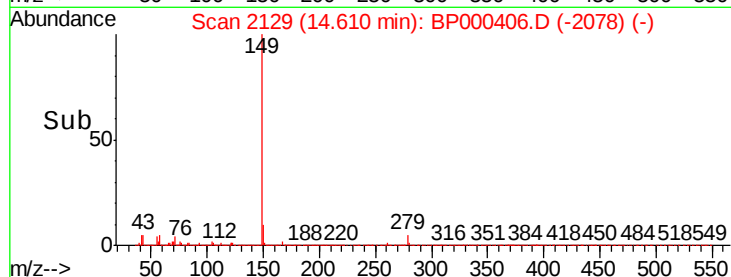
43 5.4 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.542 ng

RT: 16.98 min Scan# 2532

Delta R.T. 0.01 min

Lab File: BP000406.D

Acq: 25 Sep 2019 13:40

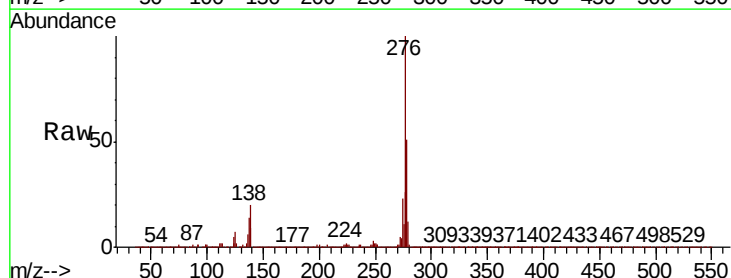
Tgt Ion:276 Resp: 1421594

Ion Ratio Lower Upper

276 100

138 21.8 22.6 33.8#

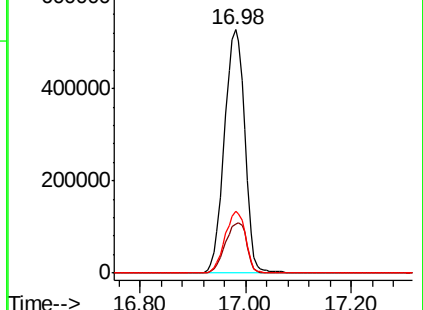
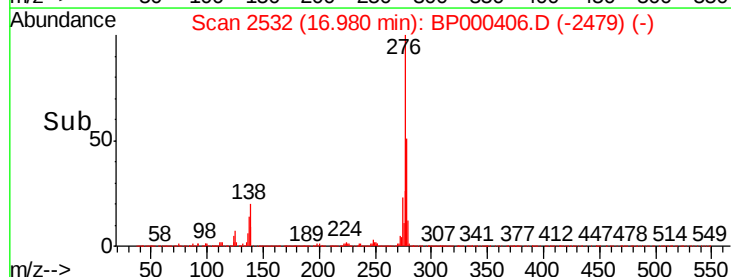
277 25.7 20.4 30.6

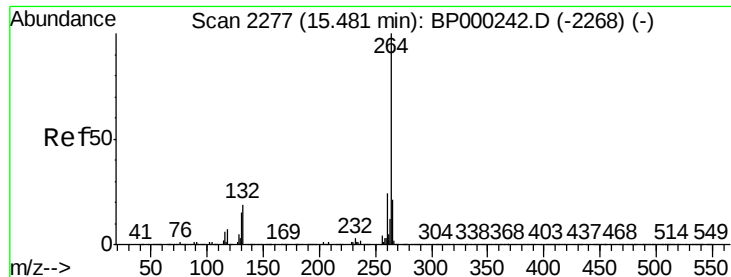


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

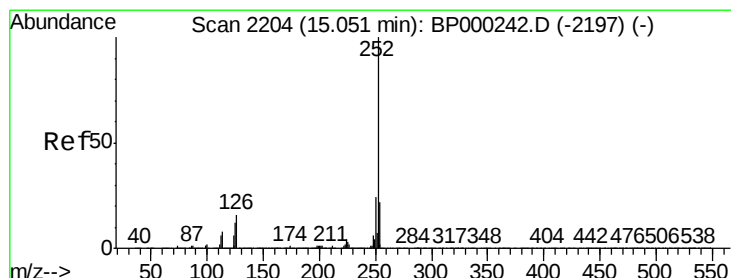
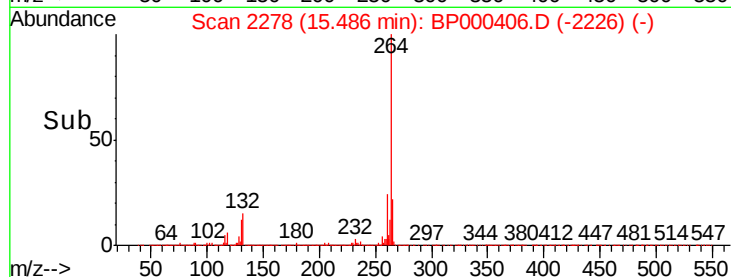
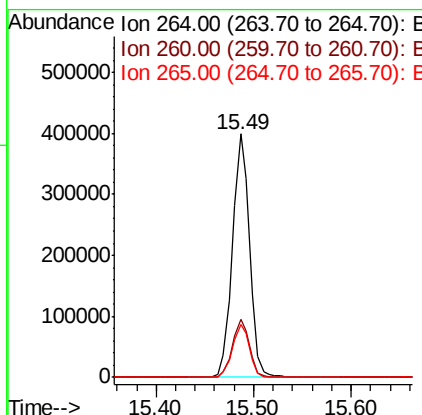
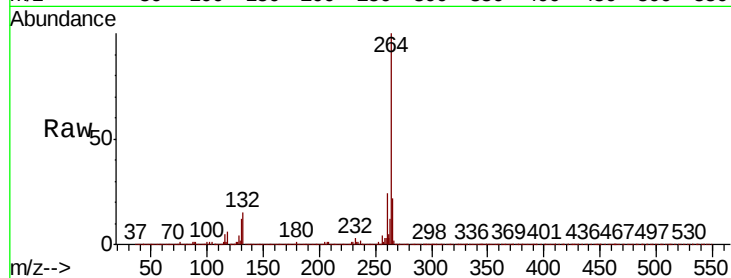




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

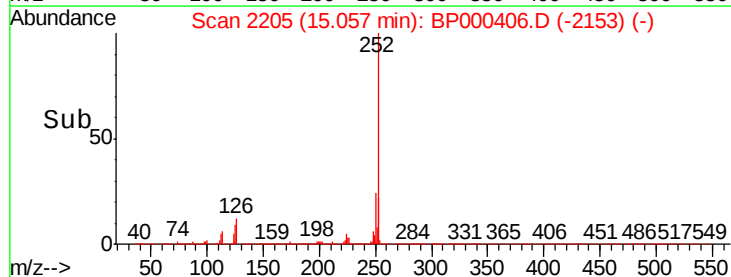
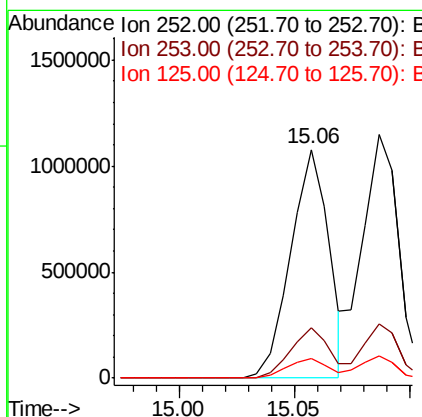
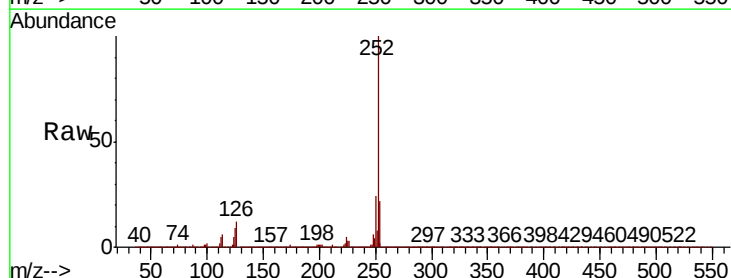
Instrument :
BNA_P
ClientSampled :

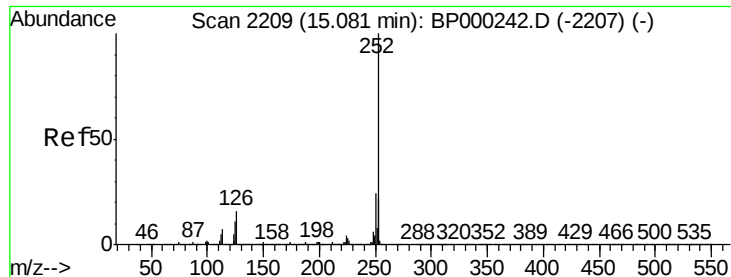
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.6	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 42.944 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	8.9	9.5	14.3

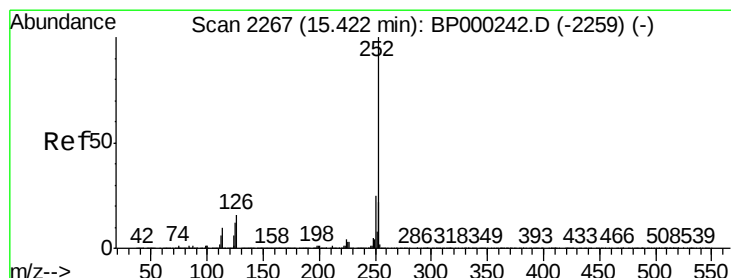
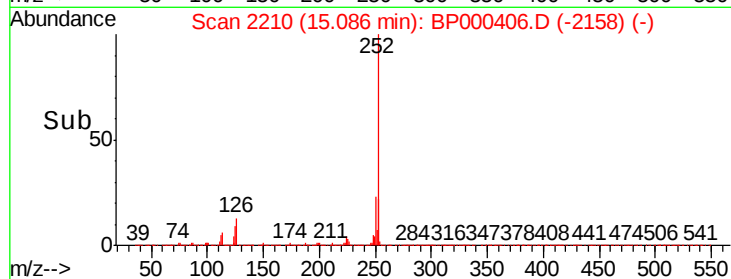
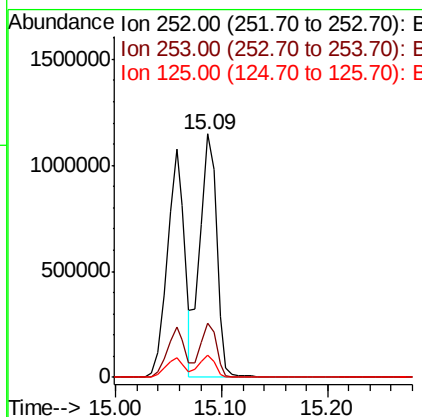
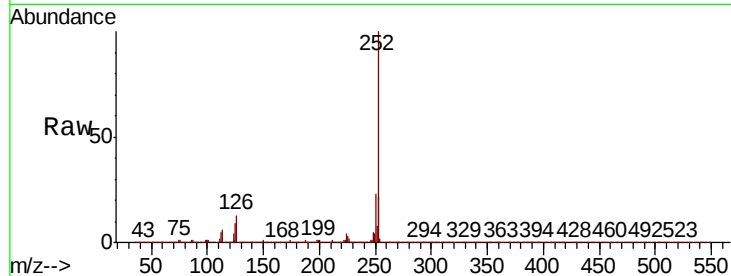




#89
Benzo(k)fluoranthene
Concen: 49.756 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

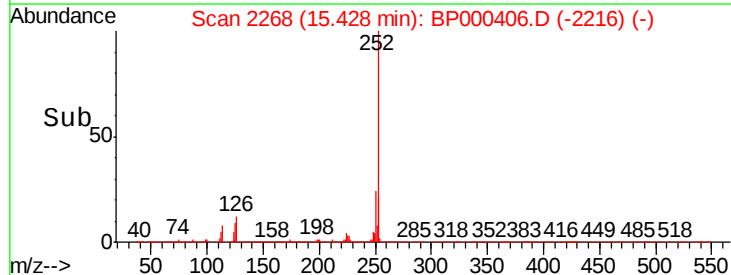
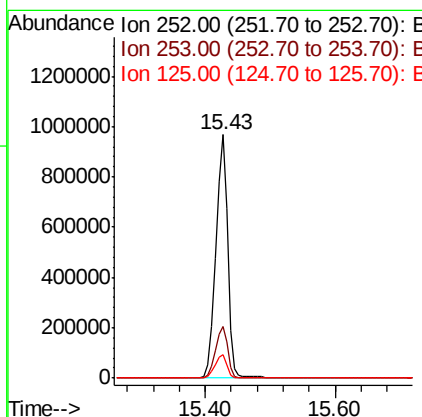
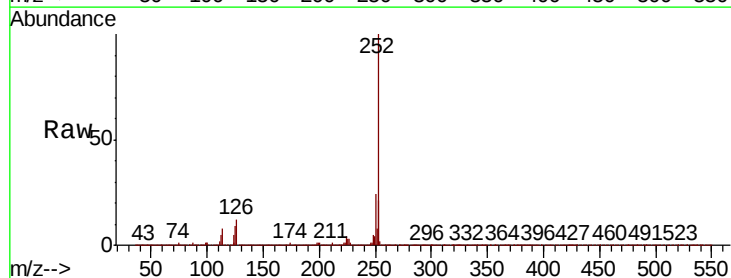
Instrument :
BNA_P
ClientSampleId :

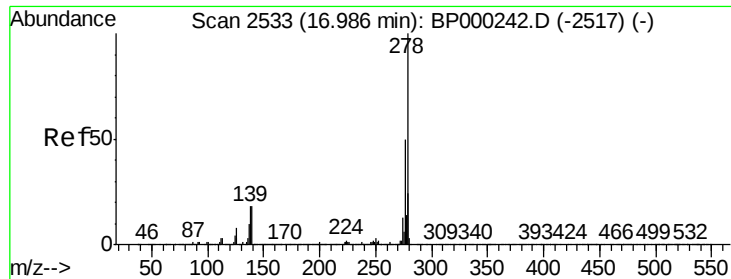
Tot Ion:252 Resp: 1252875
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.2 9.6 14.4#



#90
Benzo(a)pyrene
Concen: 46.515 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:252 Resp: 1221773
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 9.5 10.0 15.0#



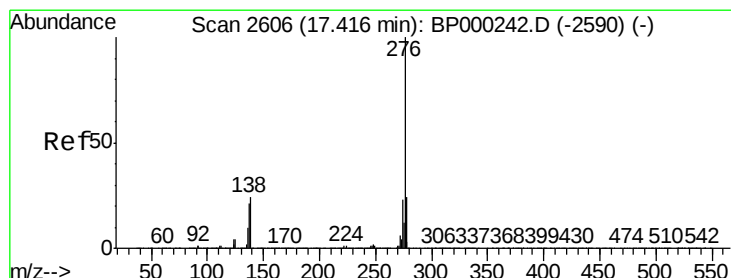
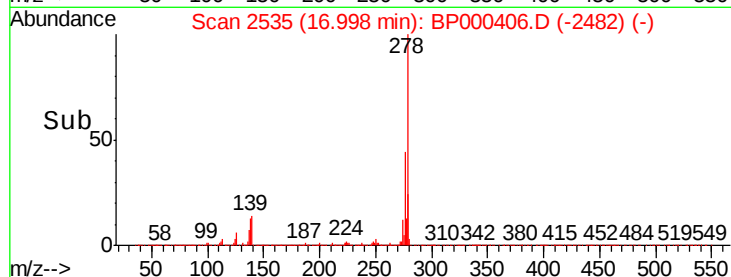
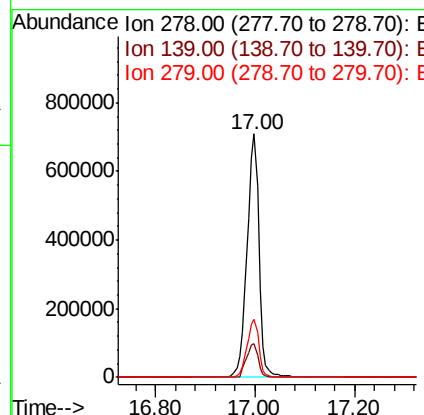
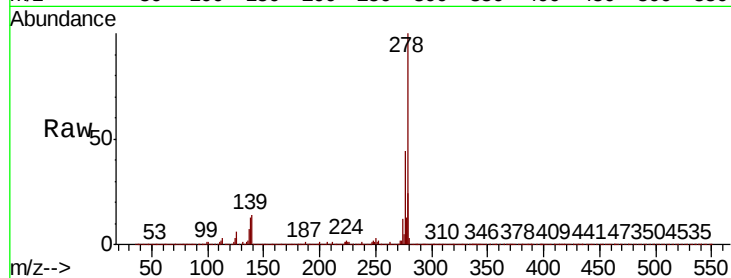


#91
Dibenzo(a,h)anthracene
Concen: 48.364 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1184397

Ion	Ratio	Lower	Upper
278	100		
139	13.6	14.5	21.7#
279	23.6	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 46.751 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BP000406.D
Acq: 25 Sep 2019 13:40

Tgt Ion:276 Resp: 1176803

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	18.6	19.5	29.3#

