

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000433.D
 Acq On : 26 Sep 2019 19:35
 Operator : JU
 Sample : K5038-09MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 00:14:30 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	264328	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	959278	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	519769	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	920731	20.00	ng	0.00
76) Chrysene-d12	14.01	240	662718	20.00	ng	0.01
87) Perylene-d12	15.50	264	690891	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1577219	103.01	ng	0.02
7) Phenol-d6	6.44	99	2066464	110.10	ng	0.02
23) Nitrobenzene-d5	7.35	82	1173821	78.95	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	576651	111.85	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	2448039	84.77	ng	0.00
79) Terphenyl-d14	12.94	244	2647951	83.82	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.55	88	259752	37.594	ng	99
3) Pyridine	3.30	79	665228	35.763	ng	99
4) n-Nitrosodimethylamine	3.24	42	226441	43.173	ng	97
6) Aniline	6.45	93	533430	20.613	ng	# 1
8) 2-Chlorophenol	6.58	128	767554	46.553	ng	97
9) Benzaldehyde	6.33	77	488687	49.854	ng	97
10) Phenol	6.45	94	987721	46.320	ng	84
11) bis(2-Chloroethyl)ether	6.52	93	735138	45.019	ng	99
12) 1,3-Dichlorobenzene	6.73	146	835840	42.245	ng	99
13) 1,4-Dichlorobenzene	6.81	146	856798	43.524	ng	96
14) 1,2-Dichlorobenzene	6.96	146	787829	43.689	ng	99
15) Benzyl Alcohol	6.93	79	606964	44.439	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	619840	40.038	ng	89
17) 2-Methylphenol	7.06	107	632289	44.775	ng	95
18) Hexachloroethane	7.30	117	264979	36.374	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	433650	43.700	ng	98
20) 3+4-Methylphenols	7.21	107	853827	50.000	ng	# 69
22) Acetophenone	7.20	105	1053217	50.663	ng	# 97
24) Nitrobenzene	7.37	77	730099	47.277	ng	97
25) Isophorone	7.62	82	1339651	45.503	ng	99
26) 2-Nitrophenol	7.69	139	387061	47.278	ng	98
27) 2,4-Dimethylphenol	7.73	122	672616	51.577	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	892978	45.604	ng	100
29) 2,4-Dichlorophenol	7.94	162	680869	48.714	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	721668	45.047	ng	98
31) Naphthalene	8.10	128	2146454	48.314	ng	100
32) Benzoic acid	7.86	122	448076	50.887	ng	96
33) 4-Chloroaniline	8.15	127	197708	9.833	ng	99
34) Hexachlorobutadiene	8.22	225	419425	44.186	ng	99
35) Caprolactam	8.51	113	169279	35.603	ng	98
36) 4-Chloro-3-methylphenol	8.64	107	683382	48.164	ng	97
37) 2-Methylnaphthalene	8.79	142	1475755	48.591	ng	99
38) 1-Methylnaphthalene	8.89	142	1370314	48.166	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	733340	49.346	ng	99

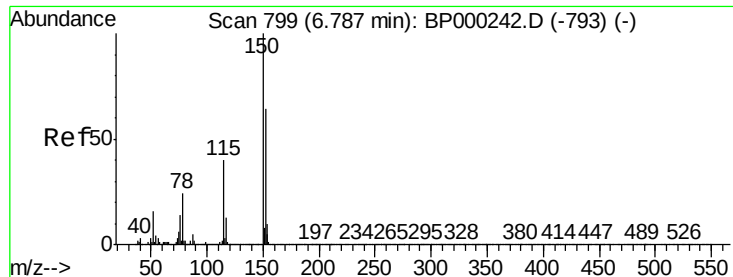
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	304944	35.734	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	494140	48.053	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	525639	49.920	ng	98
46) 1,1'-Biphenyl	9.26	154	1767121	49.146	ng	99
47) 2-Chloronaphthalene	9.28	162	1382573	45.838	ng	98
48) 2-Nitroaniline	9.38	65	356623	46.558	ng	91
49) Acenaphthylene	9.70	152	2256803	49.775	ng	100
50) Dimethylphthalate	9.56	163	1982839	55.993	ng	99
51) 2,6-Dinitrotoluene	9.62	165	364566	46.821	ng	90
52) Acenaphthene	9.88	154	1299377	45.414	ng	99
53) 3-Nitroaniline	9.79	138	248245	27.467	ng	97
54) 2,4-Dinitrophenol	9.90	184	148955	43.300	ng	97
55) Dibenzofuran	10.05	168	1962822	48.528	ng	100
56) 4-Nitrophenol	9.97	139	580780	86.398	ng	97
57) 2,4-Dinitrotoluene	10.03	165	465780	45.758	ng	# 88
58) Fluorene	10.39	166	1492692	47.780	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	427574	49.348	ng	97
60) Diethylphthalate	10.26	149	1575224	46.241	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	759908	47.386	ng	98
62) 4-Nitroaniline	10.41	138	371013	41.735	ng	97
63) Azobenzene	10.55	77	1313647	45.517	ng	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	108806	25.132	ng	88
66) n-Nitrosodiphenylamine	10.50	169	1341770	48.409	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	480096	46.111	ng	99
68) Hexachlorobenzene	10.95	284	507503	44.586	ng	98
69) Atrazine	11.04	200	383972	Below Cal		98
70) Pentachlorophenol	11.15	266	534702	86.251	ng	98
71) Phenanthrene	11.36	178	2319944	50.280	ng	100
72) Anthracene	11.42	178	2288742	48.191	ng	100
73) Carbazole	11.57	167	2055650	48.062	ng	100
74) Di-n-butylphthalate	11.91	149	2423275	44.761	ng	100
75) Fluoranthene	12.56	202	2665239	53.795	ng	99
77) Benzidine	12.69	184	1056067	44.619	ng	98
78) Pyrene	12.80	202	2752529	55.514	ng	99
80) Butylbenzylphthalate	13.42	149	1021190	44.823	ng	95
81) Benzo(a)anthracene	14.00	228	2210055	52.794	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	634248	37.699	ng	100
83) Chrysene	14.04	228	2132873	51.891	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1276681	46.681	ng	100
85) Di-n-octyl phthalate	14.62	149	2244902	44.288	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1268807	25.325	ng	# 91
88) Benzo(b)fluoranthene	15.07	252	2465360	59.816	ng	98
89) Benzo(k)fluoranthene	15.07	252	2465360	68.573	ng	98
90) Benzo(a)pyrene	15.45	252	2016672	53.773	ng	98
91) Dibenzo(a,h)anthracene	17.02	278	1005405	28.754	ng	# 94
92) Benzo(g,h,i)perylene	17.46	276	1018198	28.330	ng	# 92

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

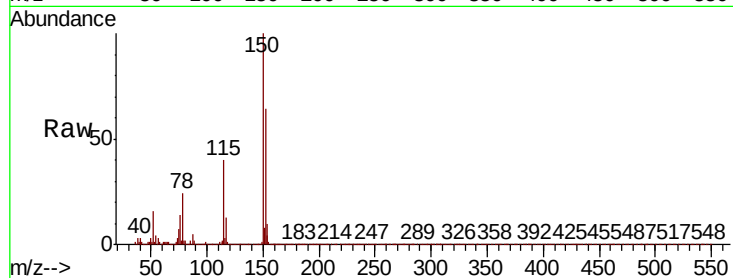


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.2	187.8
115	62.3	49.7	74.5

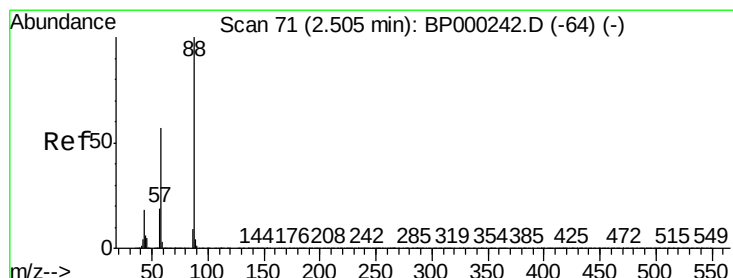
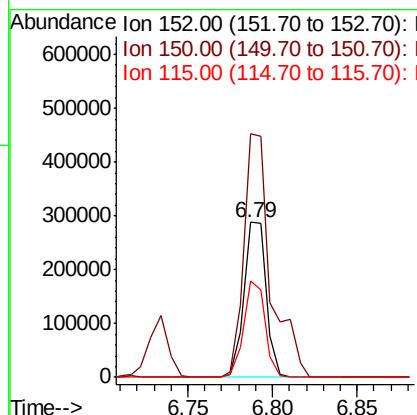
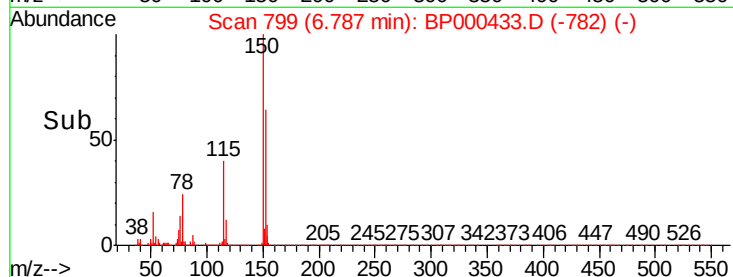


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

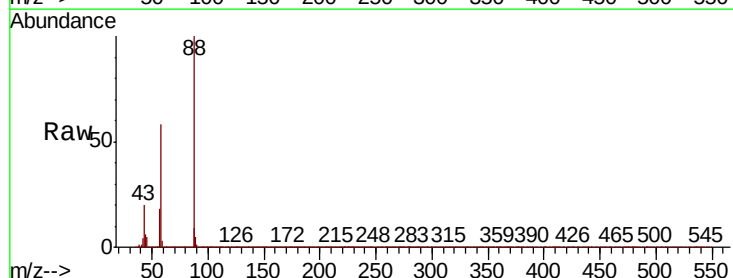
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.594 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.05 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.3	45.4	68.2
43	19.0	15.0	22.6

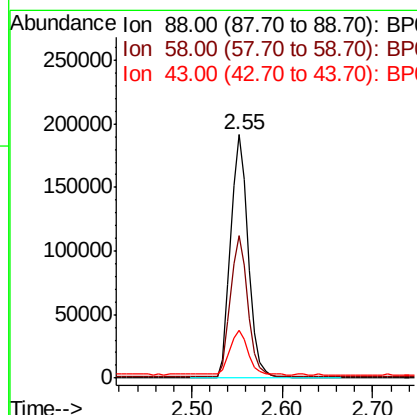
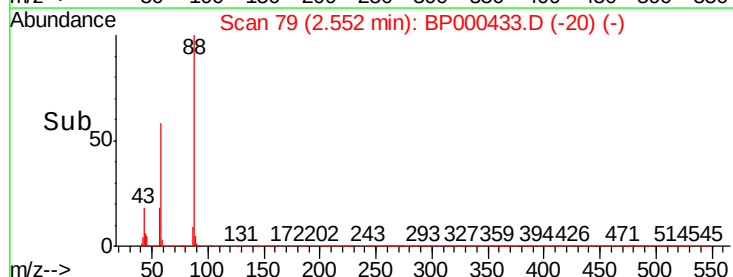


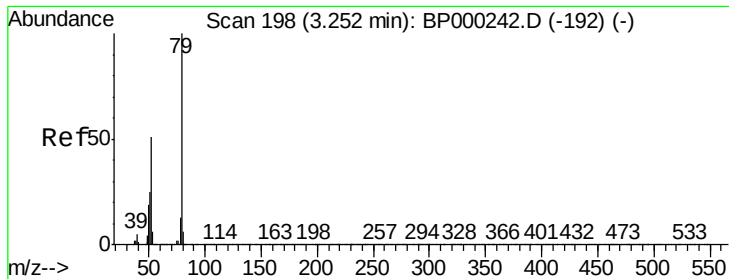
Abundance

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: 35.763 ng

RT: 3.30 min Scan# 207

Delta R.T. 0.05 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampleId :

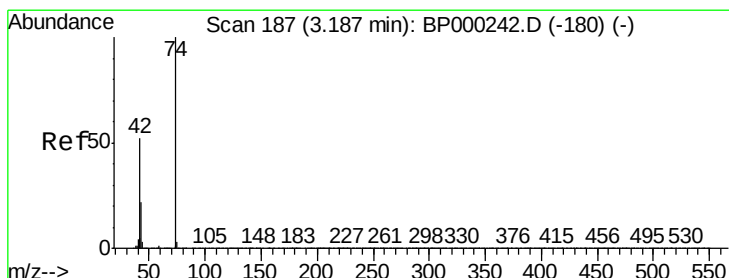
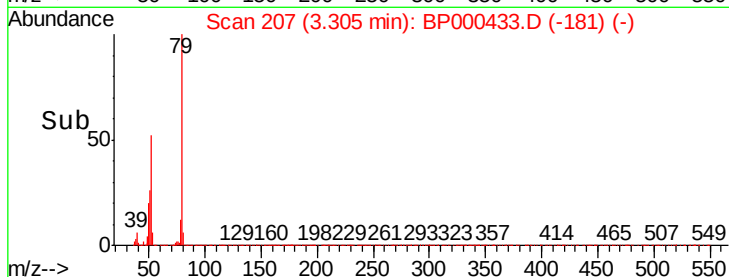
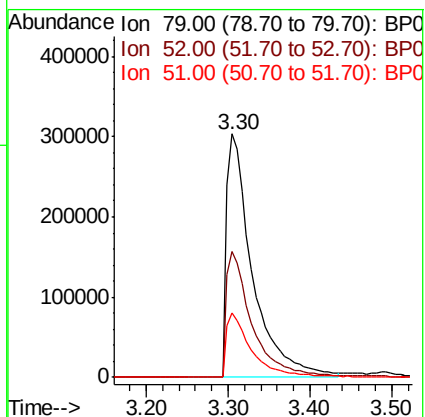
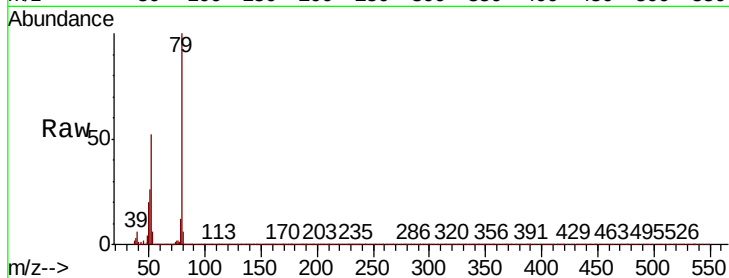
Tot Ion: 79 Resp: 665228

Ion Ratio Lower Upper

79 100

52 51.7 40.9 61.3

51 26.3 20.2 30.2



#4

n-Nitrosodimethylamine

Concen: 43.173 ng

RT: 3.24 min Scan# 196

Delta R.T. 0.05 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

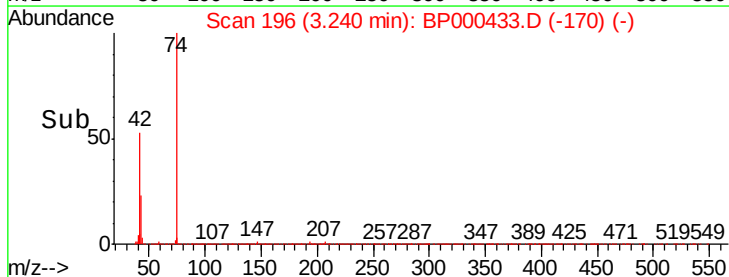
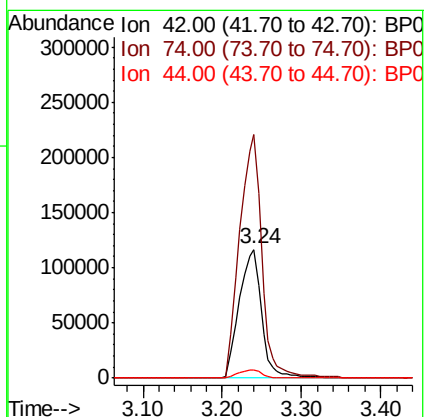
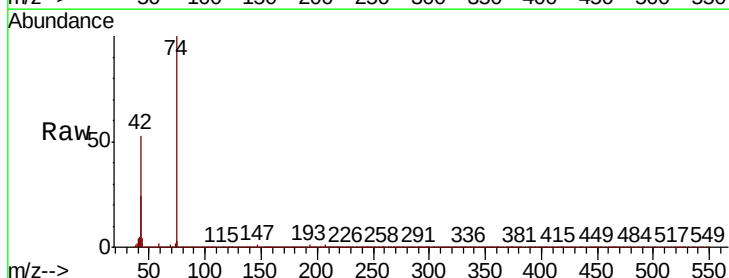
Tgt Ion: 42 Resp: 226441

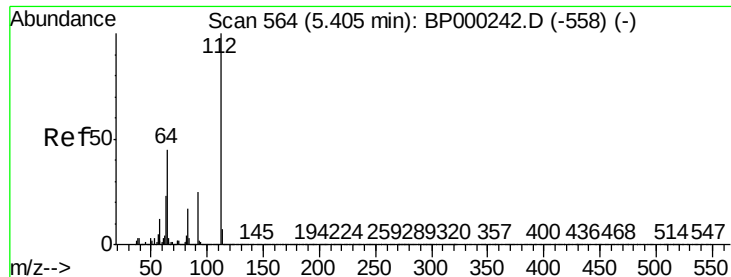
Ion Ratio Lower Upper

42 100

74 189.3 154.5 231.7

44 6.6 5.9 8.9





#5

2-Fluorophenol

Concen: 103.010 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampleId :

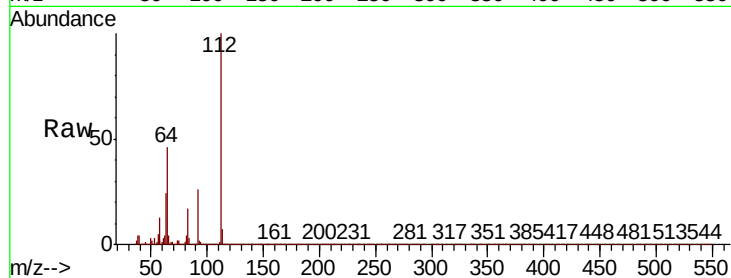
Tot Ion:112 Resp: 1577219

Ion Ratio Lower Upper

112 100

64 46.0 36.2 54.4

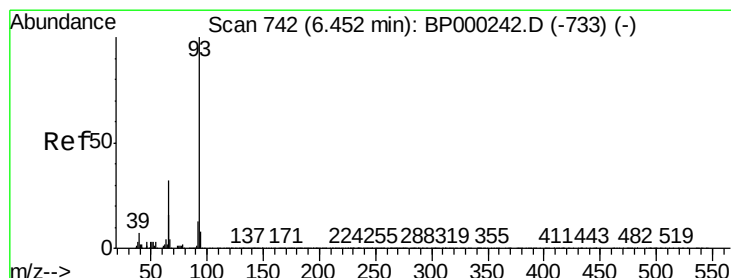
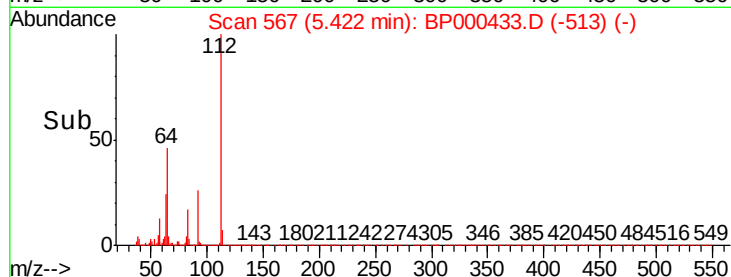
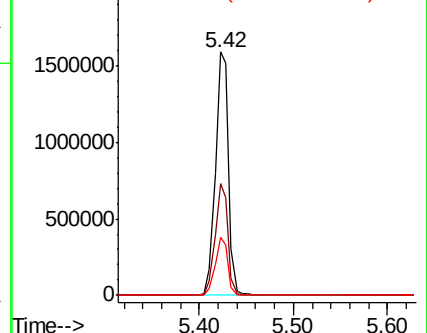
63 23.6 18.3 27.5



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: 20.613 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

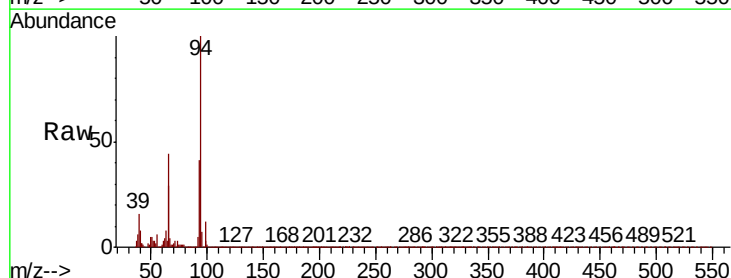
Tgt Ion: 93 Resp: 533430

Ion Ratio Lower Upper

93 100

66 105.6 26.2 39.2#

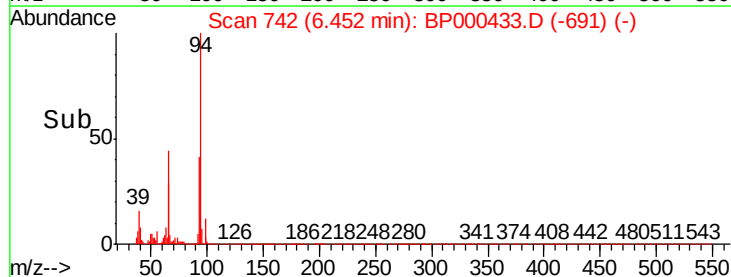
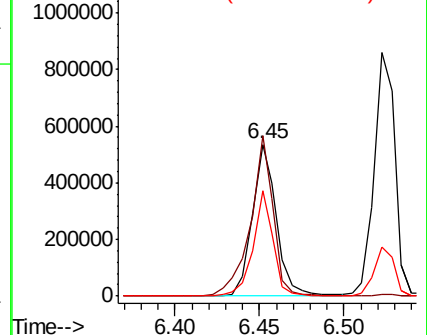
65 69.2 12.7 19.1#

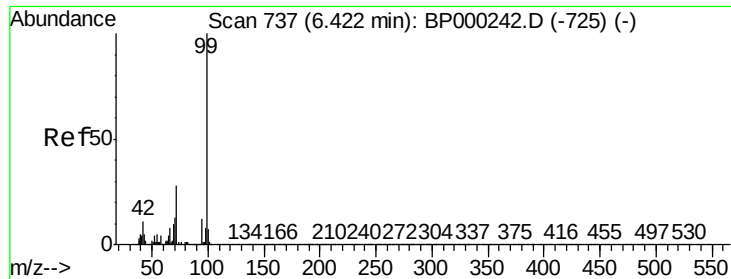


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 110.103 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampleId :

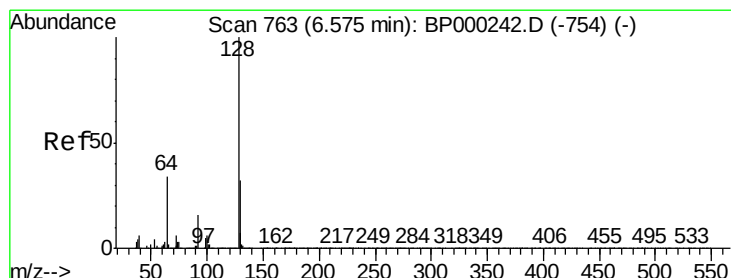
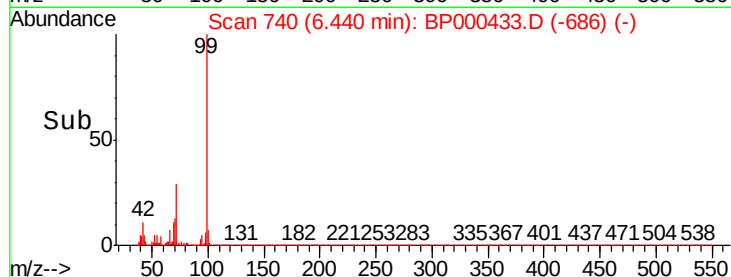
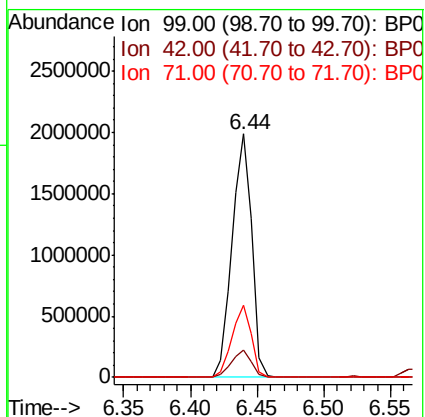
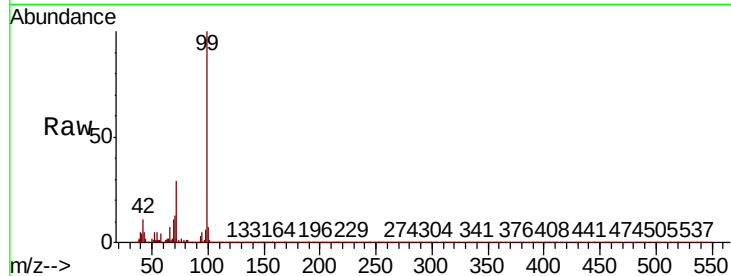
Tot Ion: 99 Resp: 2066464

Ion Ratio Lower Upper

99 100

42 11.0 8.5 12.7

71 29.5 22.6 34.0



#8

2-Chlorophenol

Concen: 46.553 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

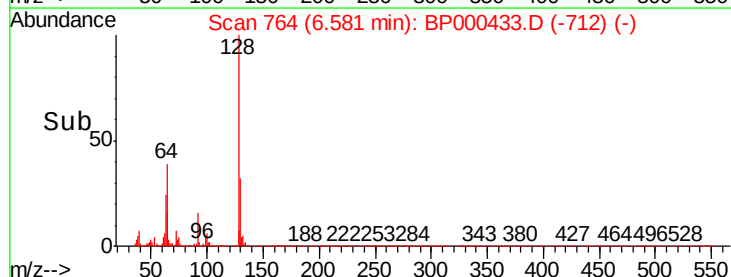
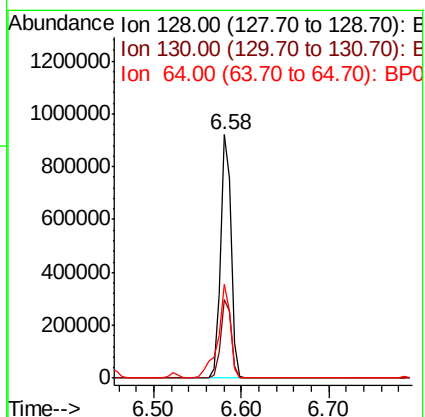
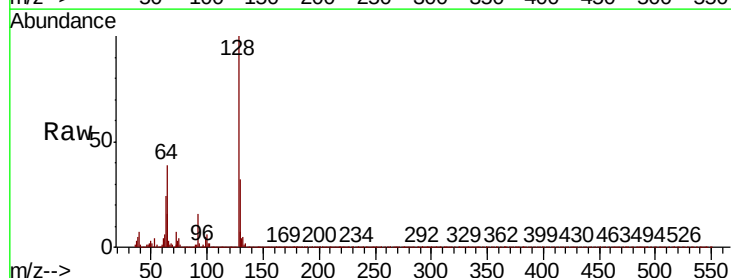
Tgt Ion: 128 Resp: 767554

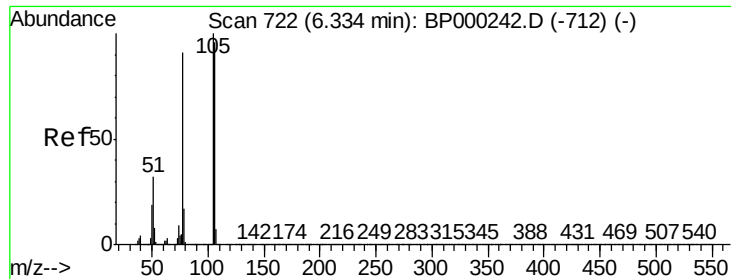
Ion Ratio Lower Upper

128 100

130 32.0 12.5 52.5

64 38.7 16.0 56.0





#9

Benzaldehyde

Concen: 49.854 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampleId :

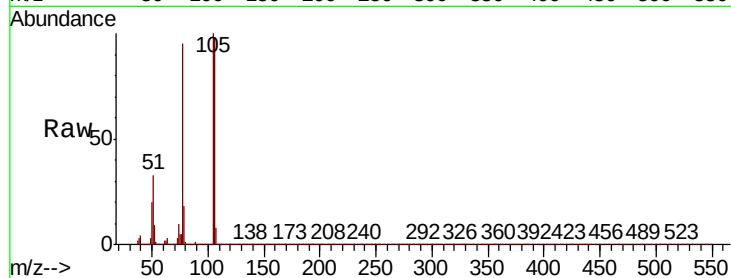
Tot Ion: 77 Resp: 488687

Ion Ratio Lower Upper

77 100

105 105.0 89.6 129.6

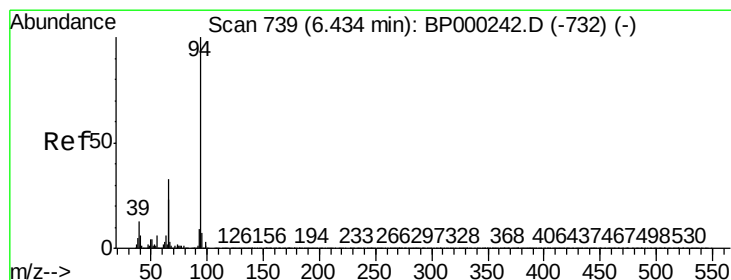
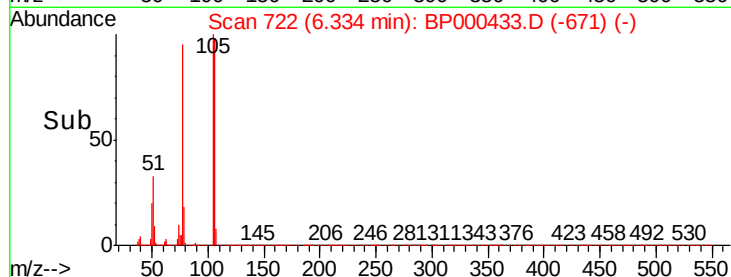
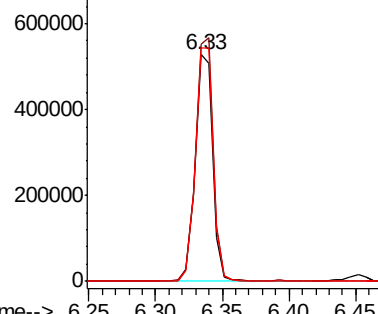
106 102.9 84.6 124.6



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: 46.320 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

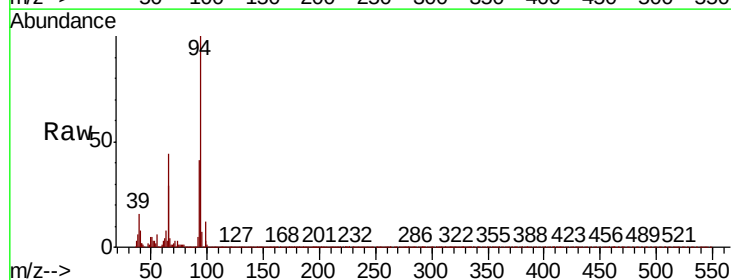
Tgt Ion: 94 Resp: 987721

Ion Ratio Lower Upper

94 100

65 28.5 3.3 43.3

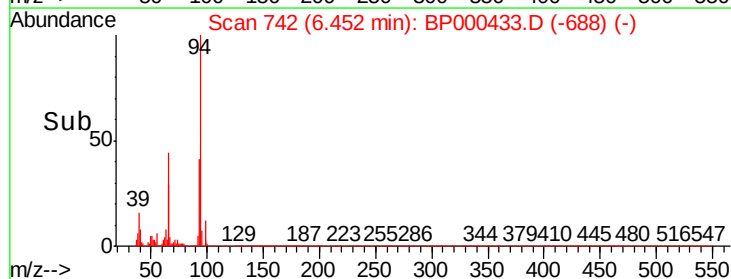
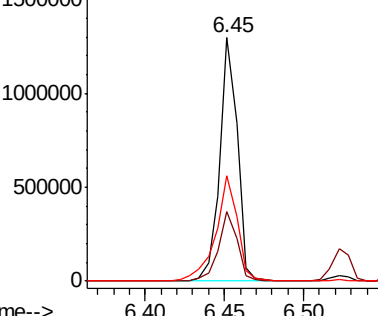
66 43.5 12.7 52.7

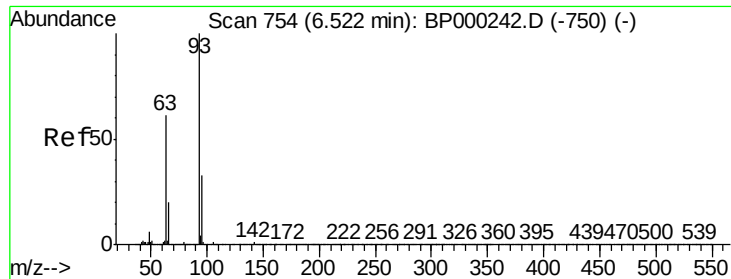


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

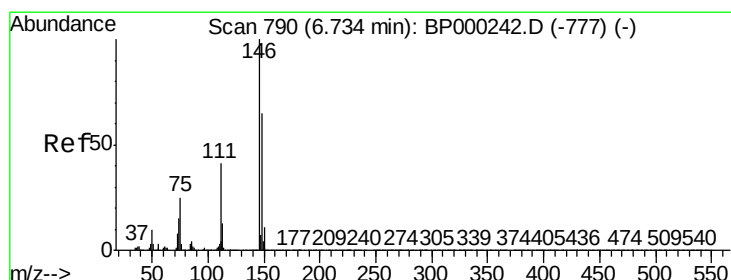
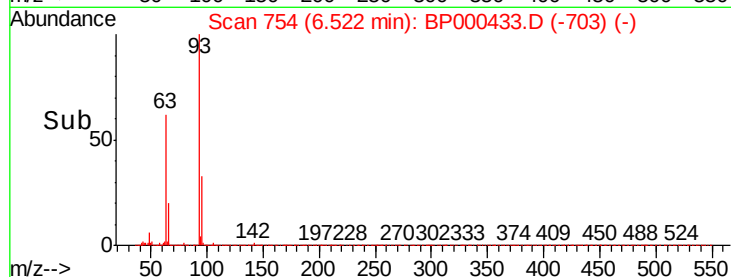
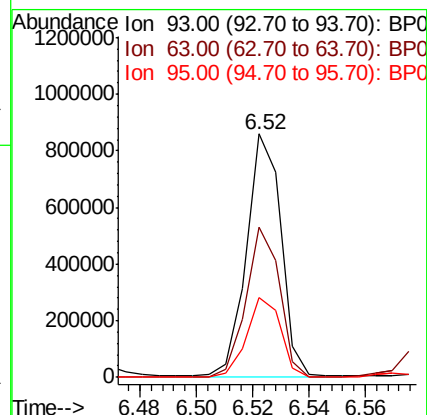
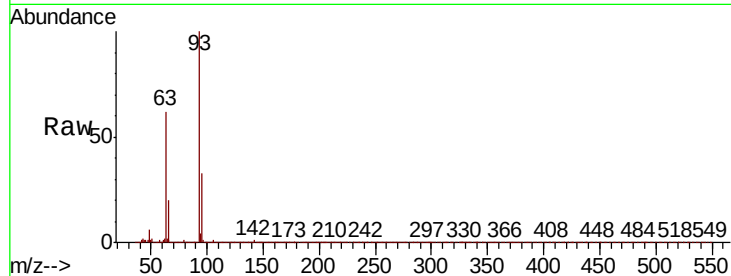




#11
bis(2-Chloroethyl)ether
Concen: 45.019 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

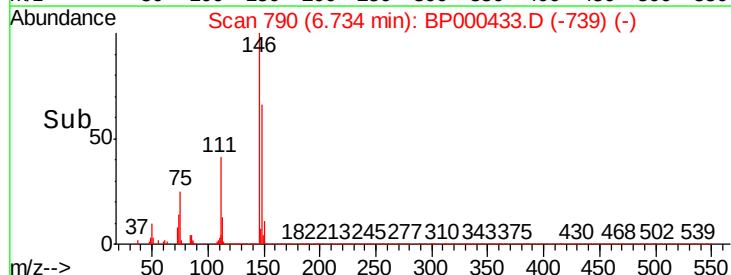
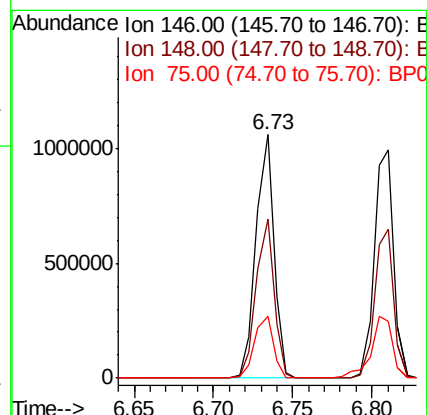
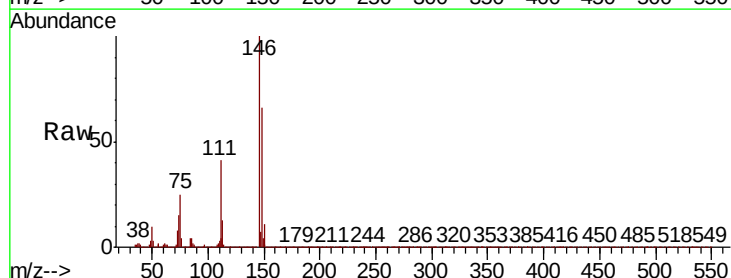
Instrument :
BNA_P
ClientSampled :

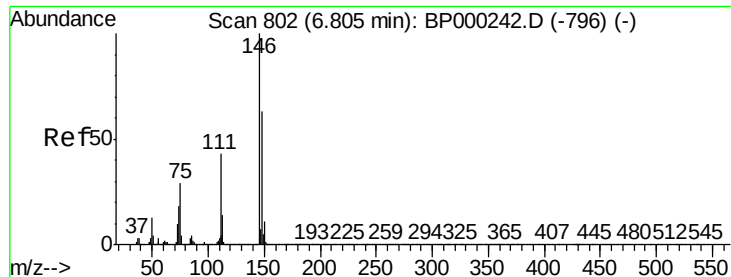
Tot Ion:	93	Resp:	735138
Ion	Ratio	Lower	Upper
93	100		
63	61.6	41.0	81.0
95	32.6	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.245 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:	146	Resp:	835840
Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.1	78.1
75	25.5	20.2	30.4

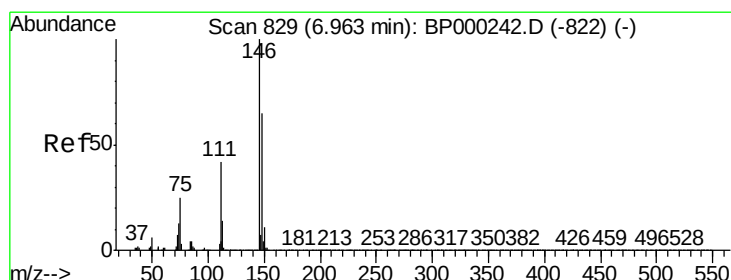
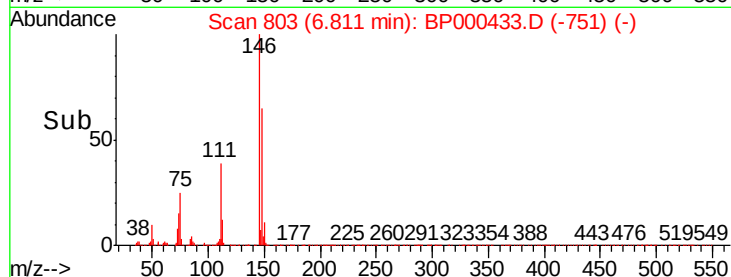
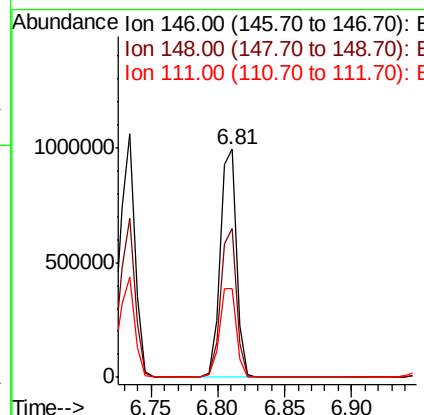
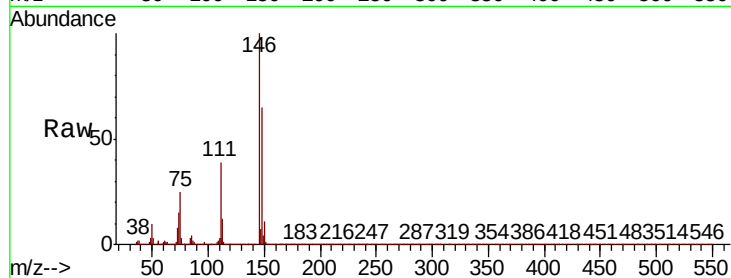




#13
1,4-Dichlorobenzene
Concen: 43.524 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

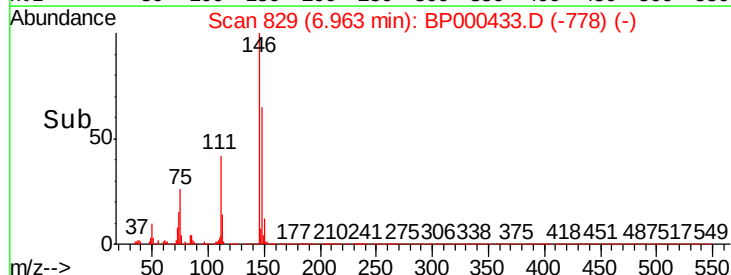
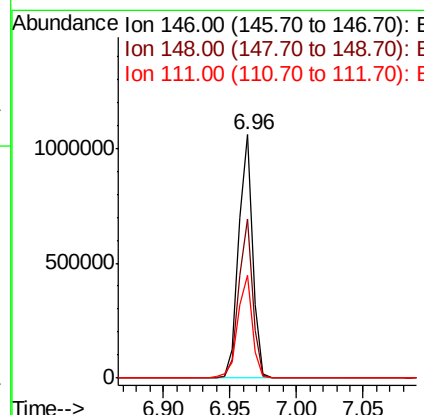
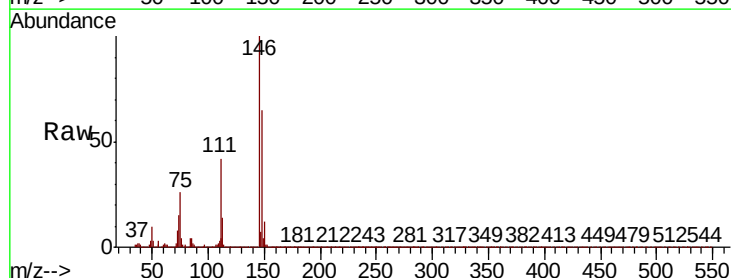
Instrument :
BNA_P
ClientSampleID :

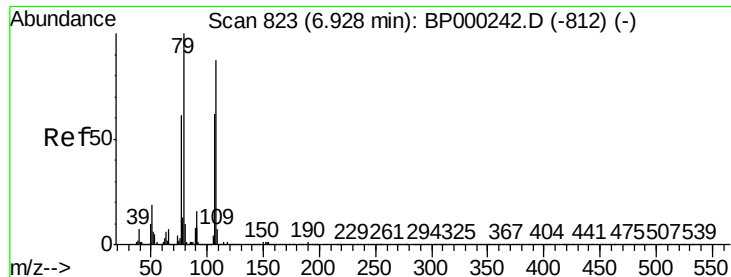
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.7	76.1
111	38.6	34.1	51.1



#14
1,2-Dichlorobenzene
Concen: 43.689 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.7	77.5
111	42.0	33.4	50.2





#15

Benzyl Alcohol

Concen: 44.439 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampled :

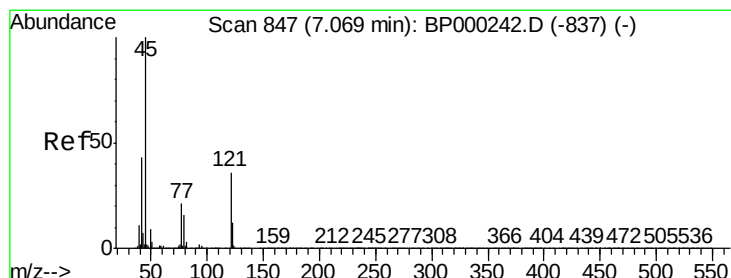
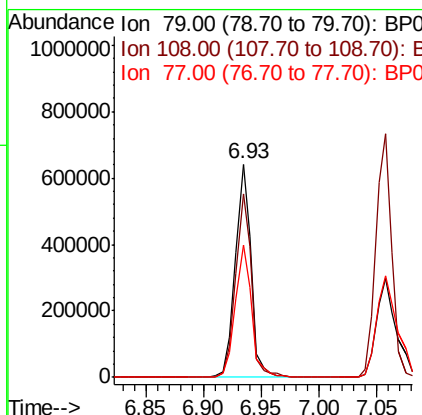
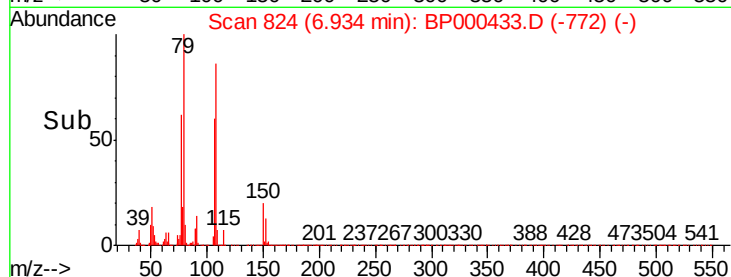
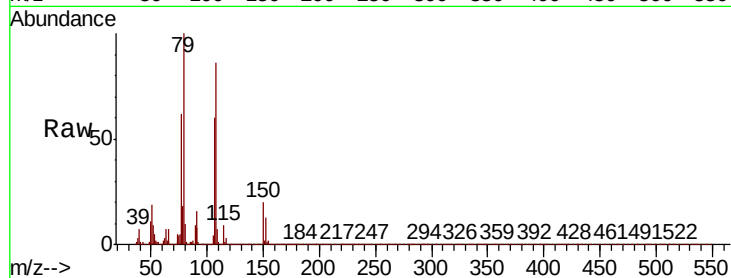
Tot Ion: 79 Resp: 606964

Ion Ratio Lower Upper

79 100

108 86.0 69.2 103.8

77 62.1 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.038 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

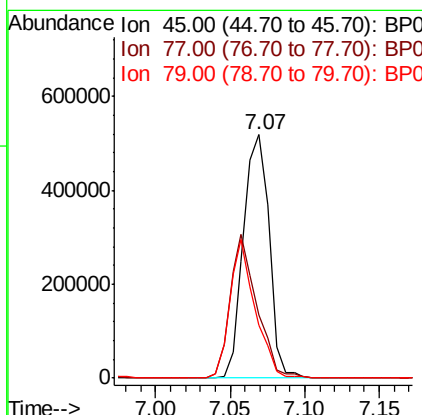
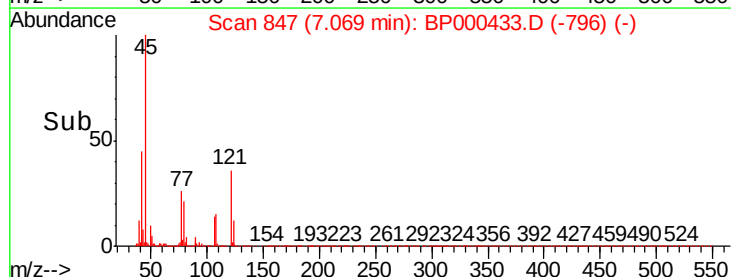
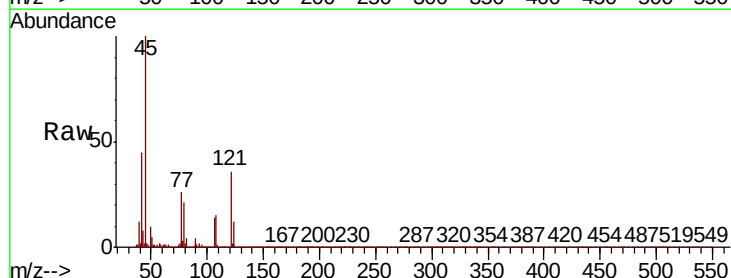
Tgt Ion: 45 Resp: 619840

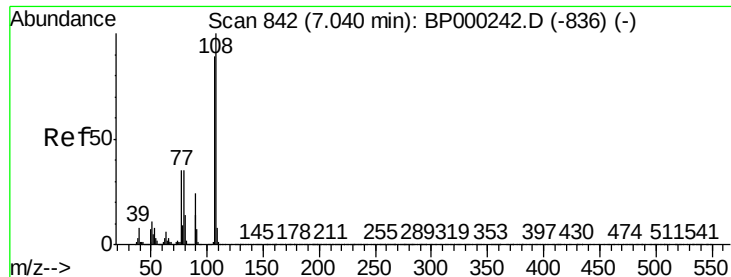
Ion Ratio Lower Upper

45 100

77 25.8 0.7 40.7

79 21.5 0.0 36.4

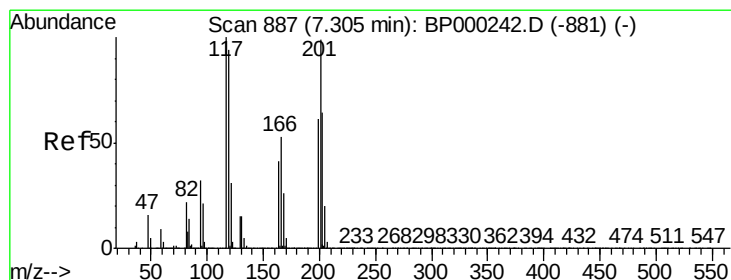
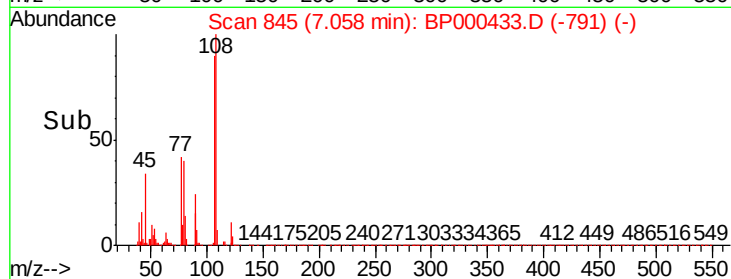
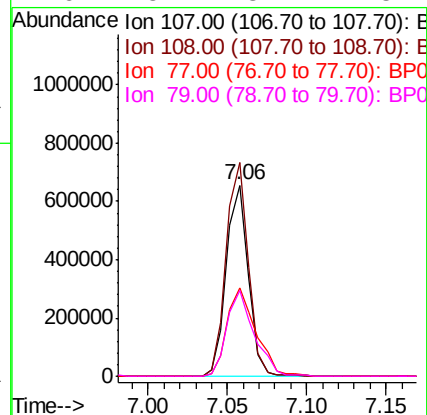
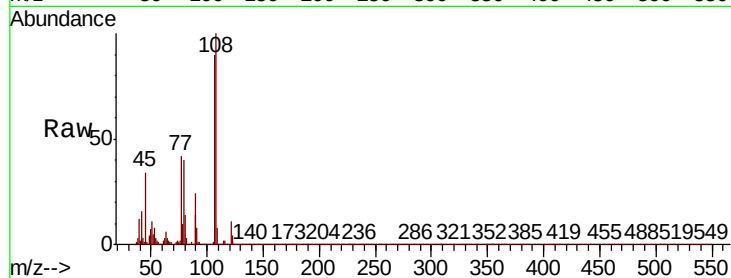




#17
2-Methylphenol
Concen: 44.775 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.02 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

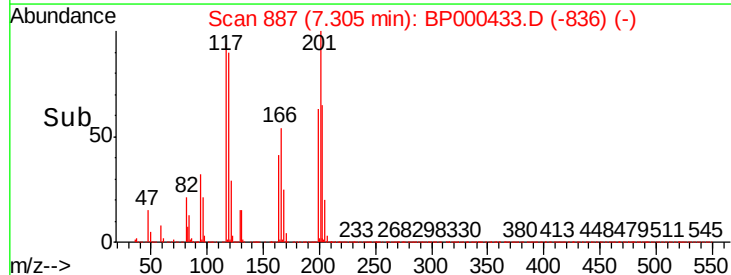
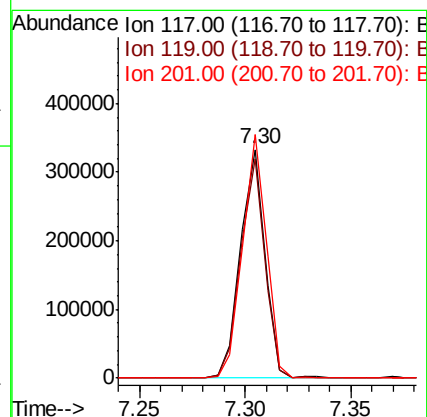
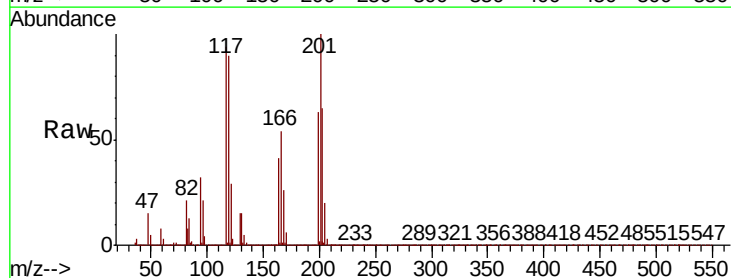
Instrument :
BNA_P
ClientSampled :

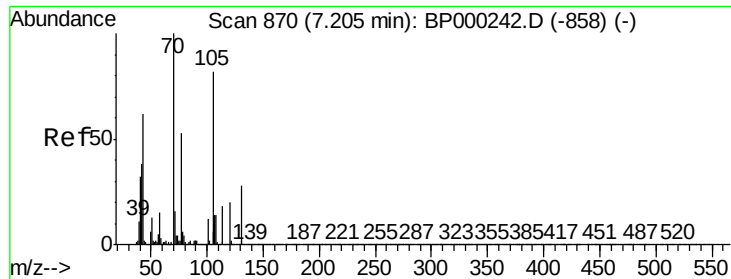
Tot Ion:	107	Resp:	632289
Ion	Ratio	Lower	Upper
107	100		
108	111.6	90.1	135.1
77	46.4	31.5	47.3
79	45.1	32.2	48.2



#18
Hexachloroethane
Concen: 36.374 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:	117	Resp:	264979
Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.6	113.4
201	106.5	79.4	119.2

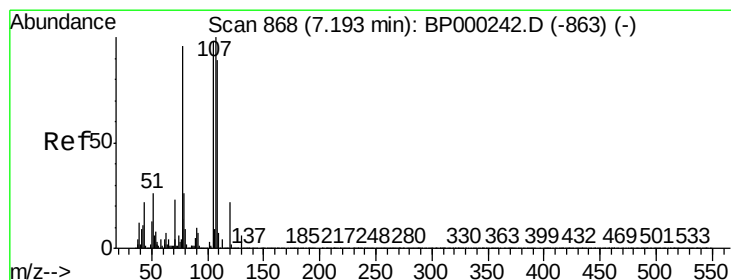
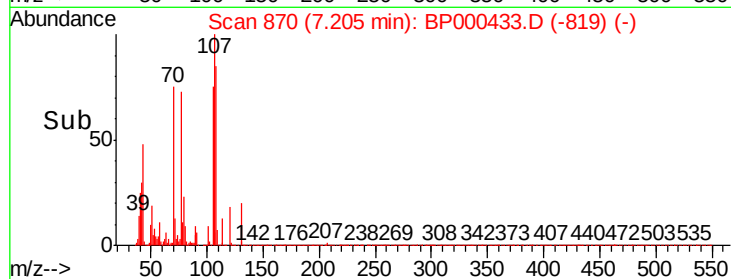
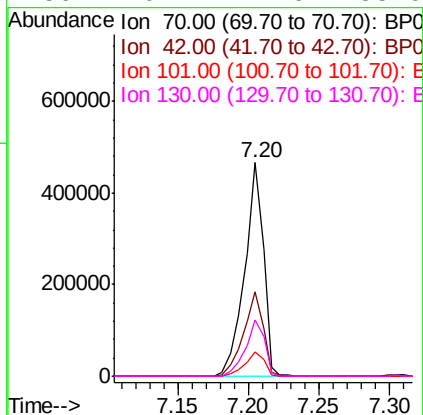
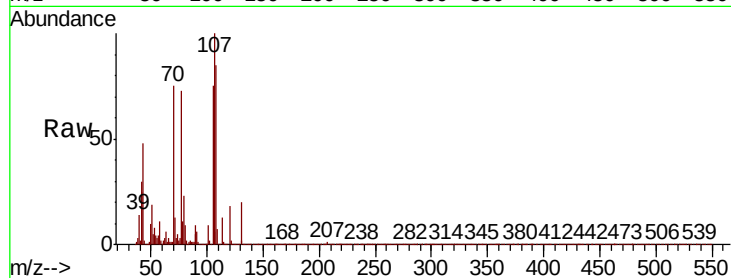




#19
n-Nitroso-di-n-propylamine
Concen: 43.700 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

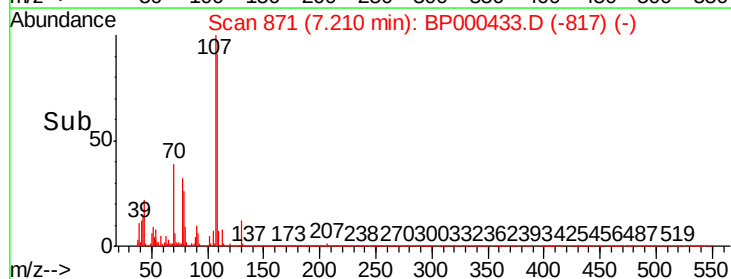
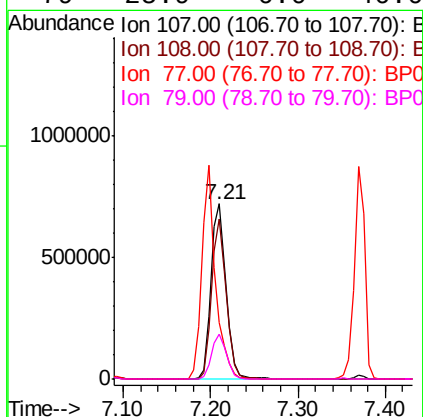
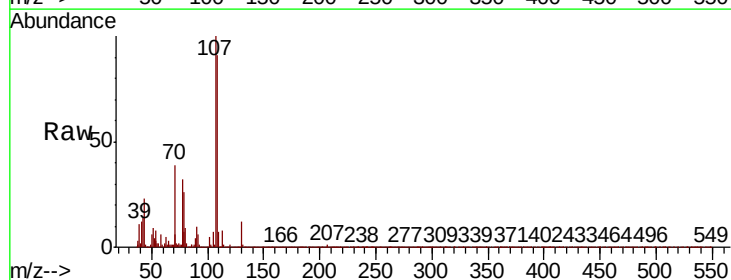
Instrument :
BNA_P
ClientSampleId :

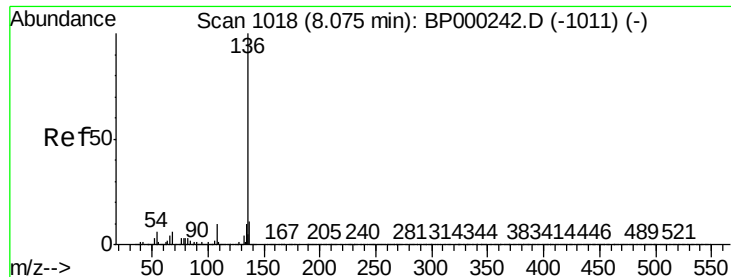
Tot Ion:	70	Resp:	433650
Ion	Ratio	Lower	Upper
70	100		
42	39.8	30.7	46.1
101	11.5	9.6	14.4
130	26.2	22.0	33.0



#20
3+4-Methylphenols
Concen: 50.000 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.02 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:	107	Resp:	853827
Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.8	108.8
77	32.1	75.7	115.7#
79	25.9	6.0	46.0

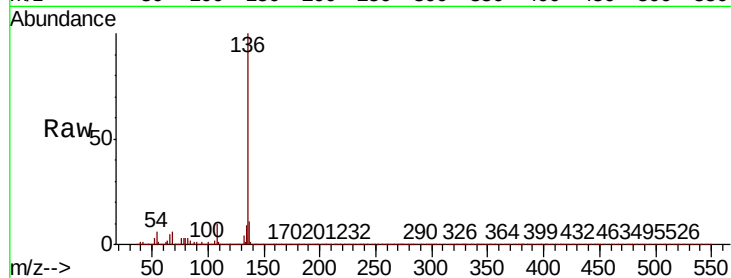




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	959278
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.6	13.0
54 5.7	4.5	6.7
68 5.7	4.5	6.7



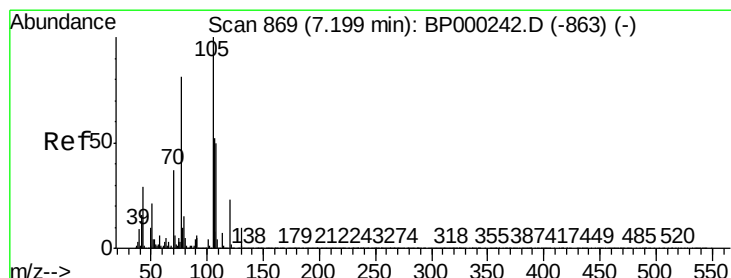
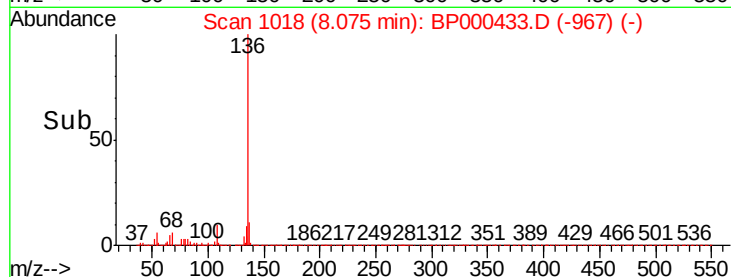
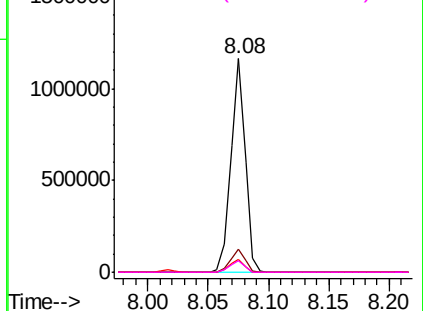
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

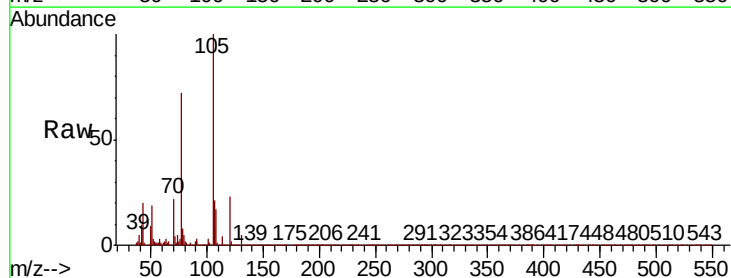
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22
Acetophenone
Concen: 50.663 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt	Ion:105	Resp:	1053217
Ion	Ratio	Lower	Upper
105	100		
71	3.8	5.2	7.8#
51	18.6	16.6	24.8
120	22.9	18.5	27.7



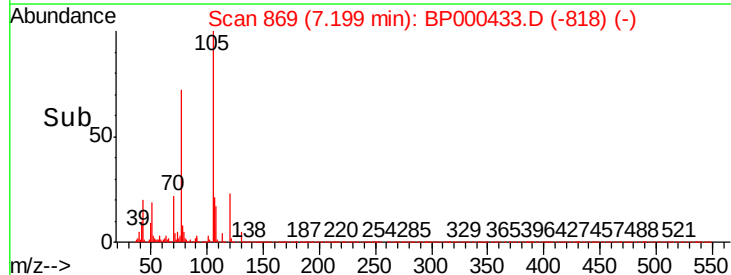
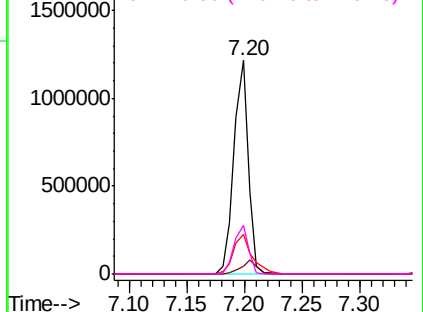
Abundance

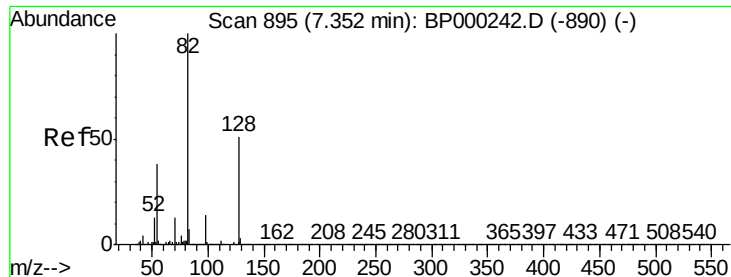
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

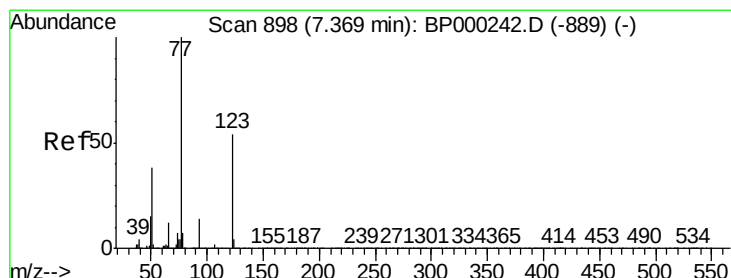
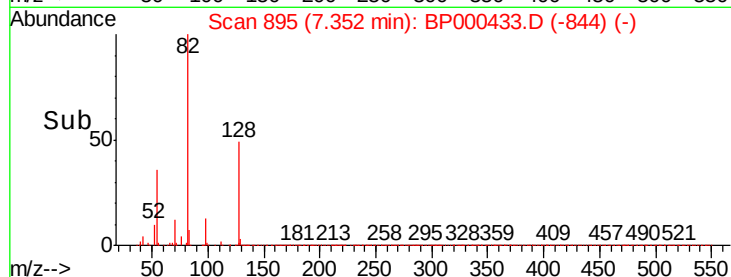
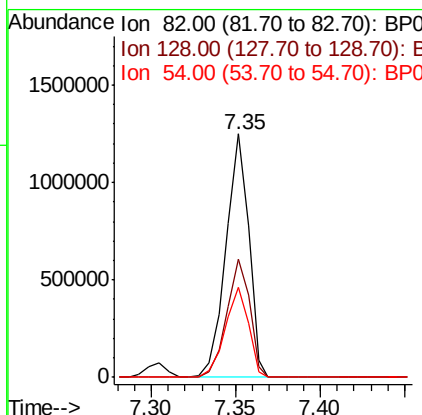
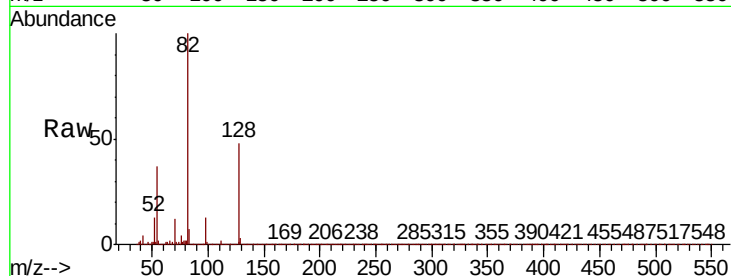




#23
 Nitrobenzene-d5
 Concen: 78.949 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000433.D
 Acq: 26 Sep 2019 19:35

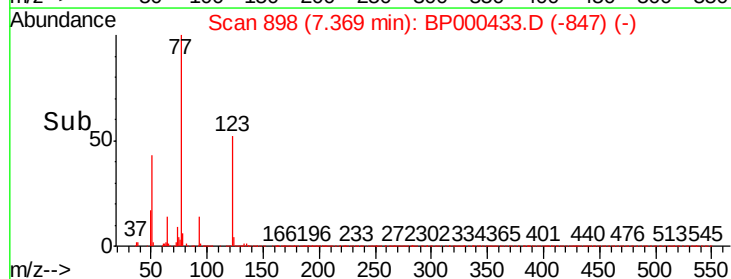
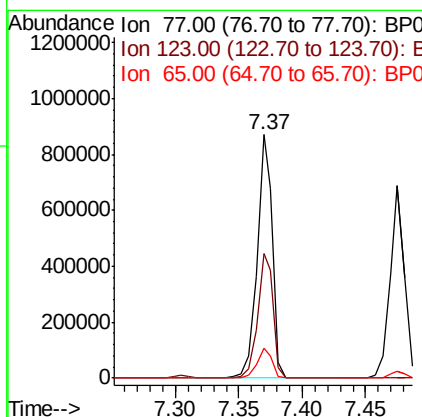
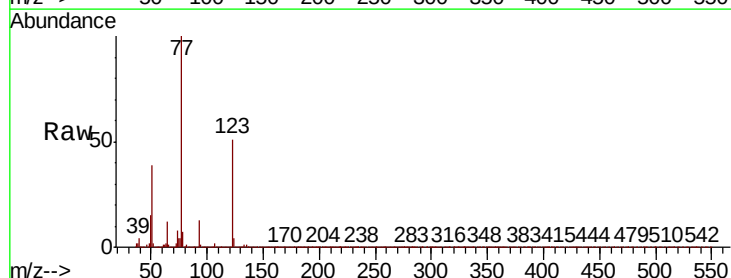
Instrument :
 BNA_P
 ClientSampleId :

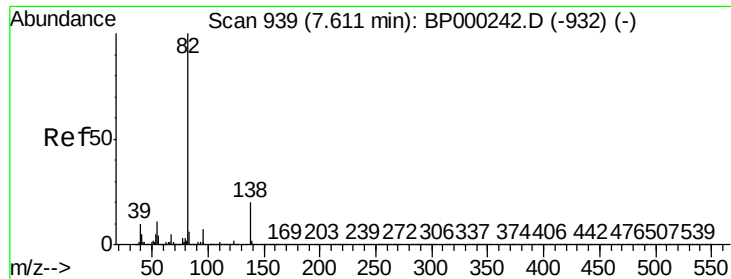
Tot Ion: 82 Resp: 1173821
 Ion Ratio Lower Upper
 82 100
 128 48.5 40.7 61.1
 54 37.2 30.1 45.1



#24
 Nitrobenzene
 Concen: 47.277 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BP000433.D
 Acq: 26 Sep 2019 19:35

Tgt Ion: 77 Resp: 730099
 Ion Ratio Lower Upper
 77 100
 123 51.3 43.1 64.7
 65 12.4 9.4 14.2





#25

Isophorone

Concen: 45.503 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampleId :

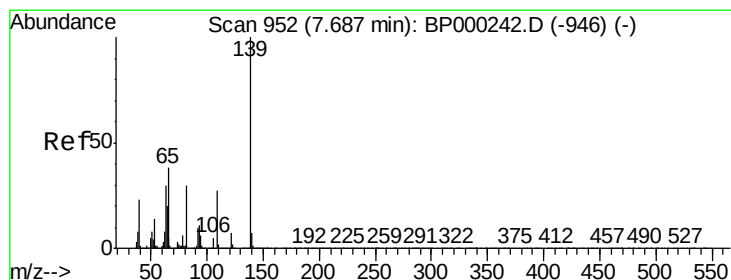
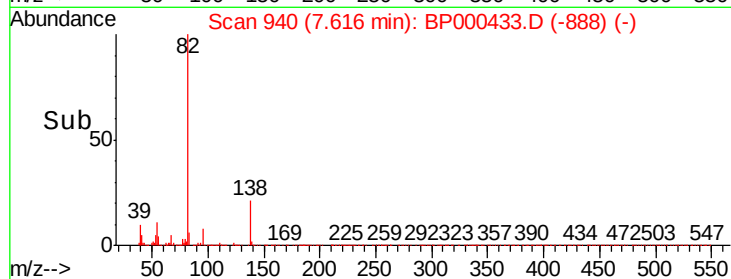
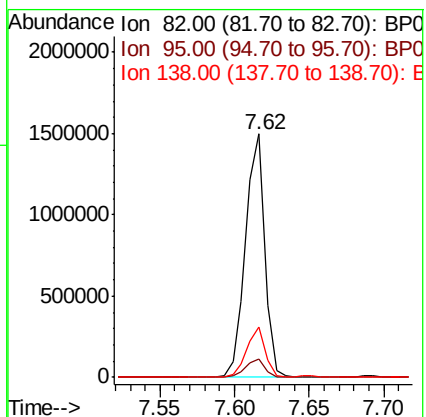
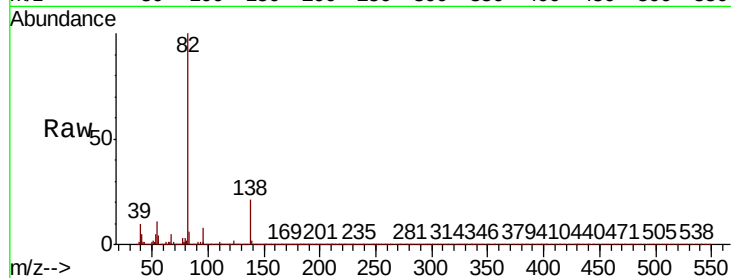
Tot Ion: 82 Resp: 1339651

Ion Ratio Lower Upper

82 100

95 7.5 5.9 8.9

138 20.6 15.9 23.9



#26

2-Nitrophenol

Concen: 47.278 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

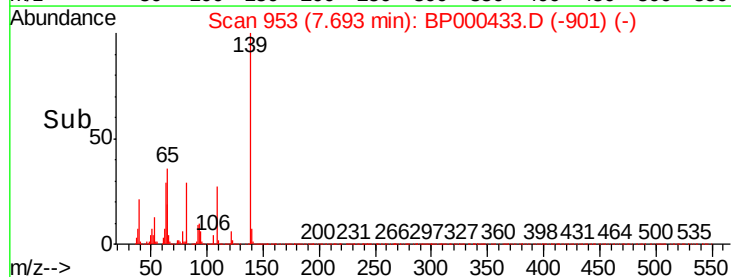
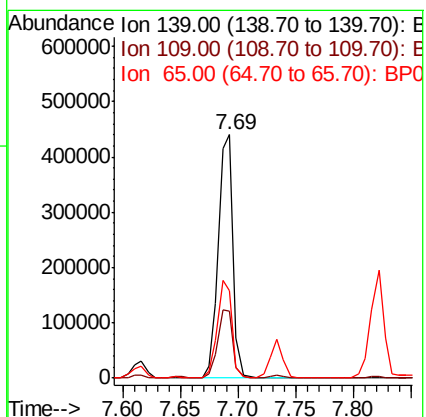
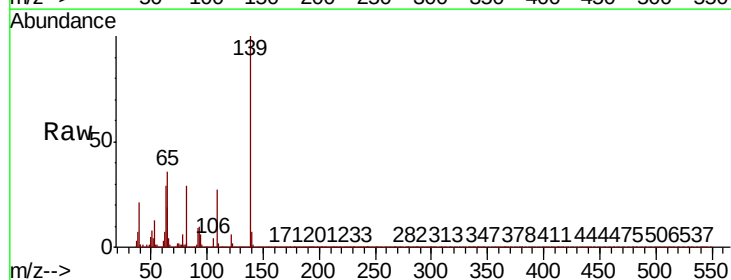
Tgt Ion: 139 Resp: 387061

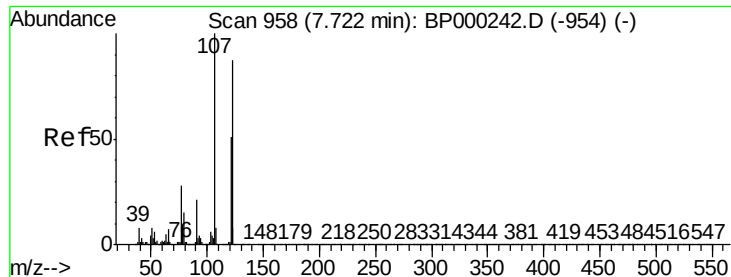
Ion Ratio Lower Upper

139 100

109 27.4 21.8 32.6

65 35.8 30.5 45.7

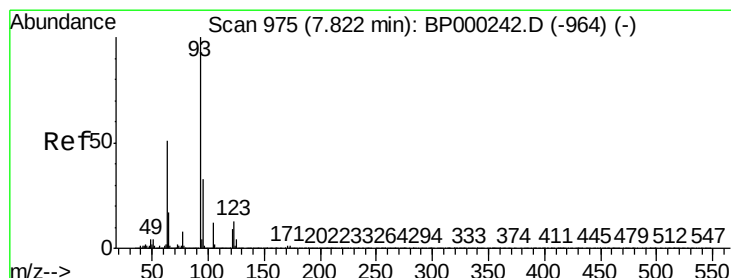
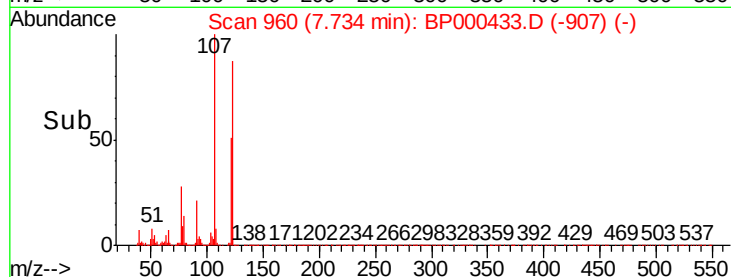
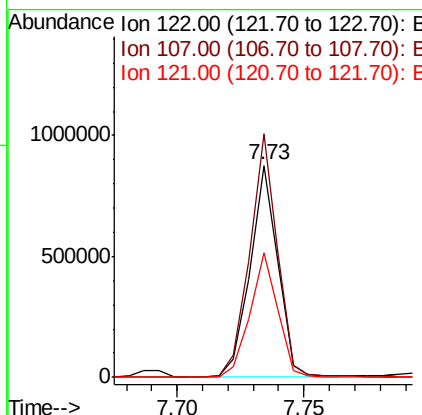
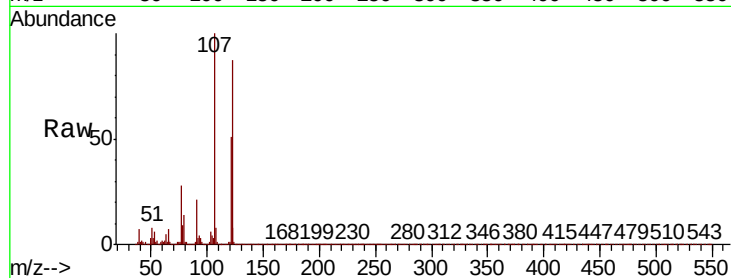




#27
2,4-Dimethylphenol
Concen: 51.577 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

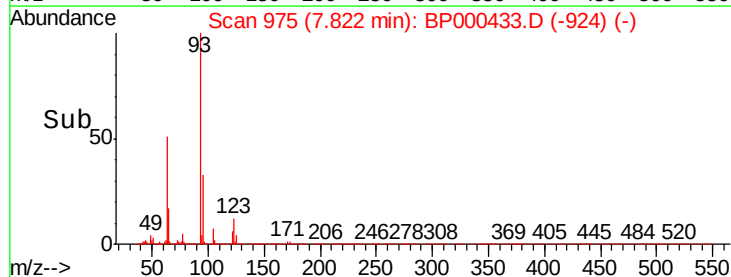
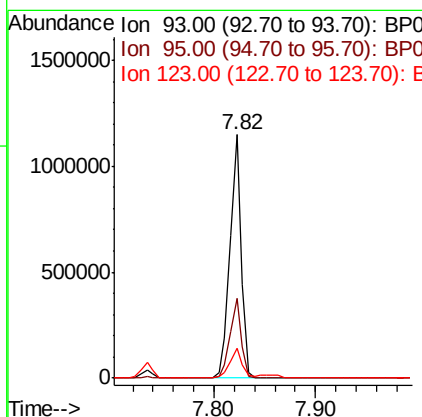
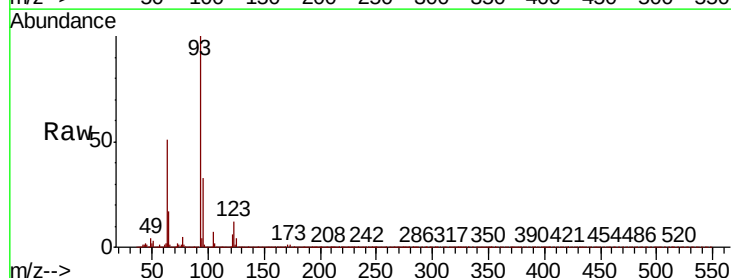
Instrument :
BNA_P
ClientSampleId :

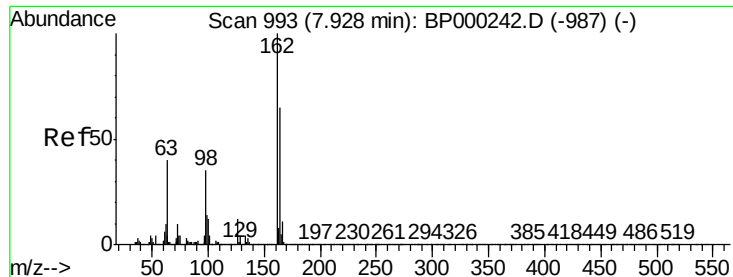
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.8	91.5	137.3
121	58.8	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 45.604 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	12.1	10.2	15.2

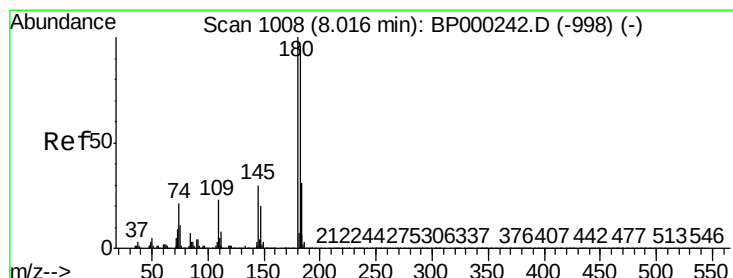
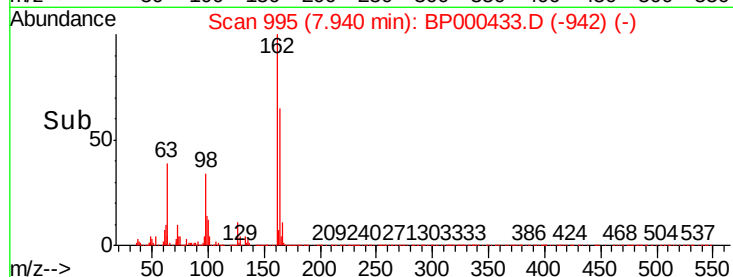
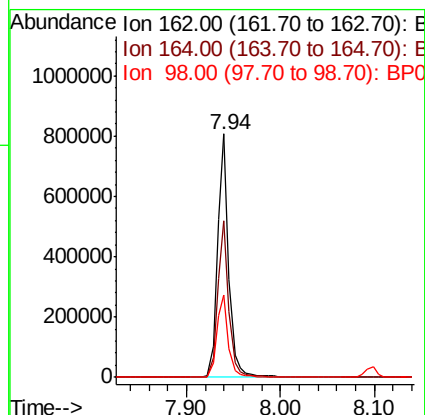
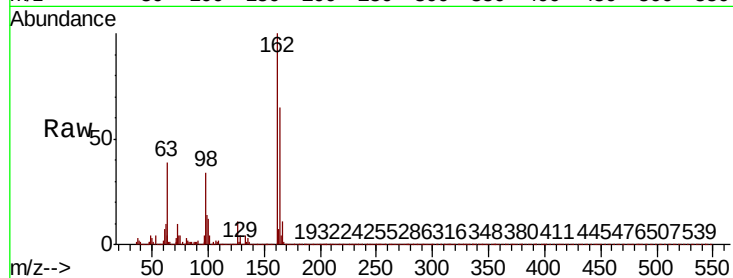




#29
2,4-Dichlorophenol
Concen: 48.714 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

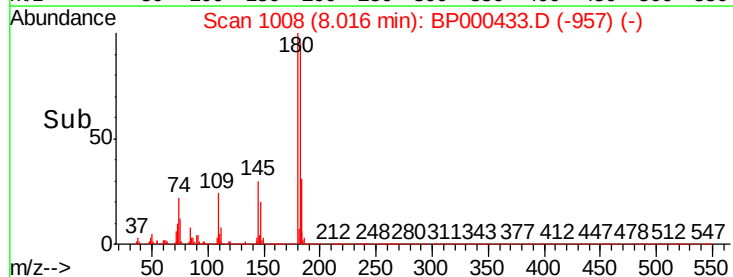
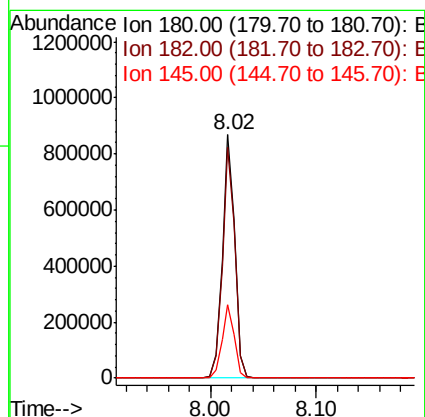
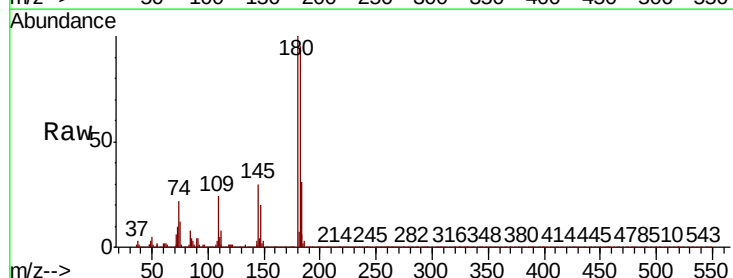
Instrument :
BNA_P
ClientSampled :

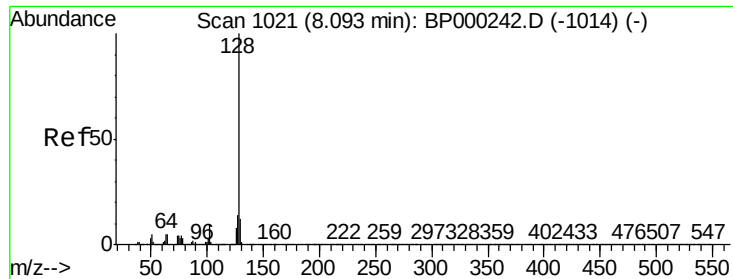
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.5	84.5
98	33.7	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 45.047 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	77.2	115.8
145	29.9	24.3	36.5

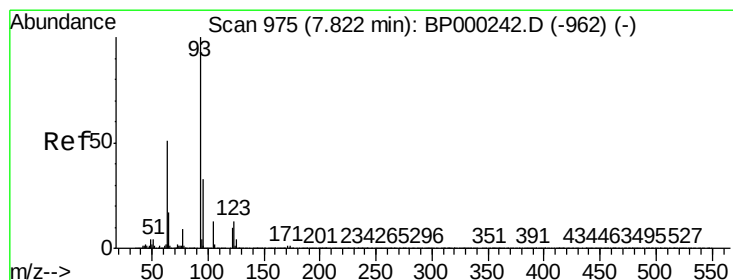
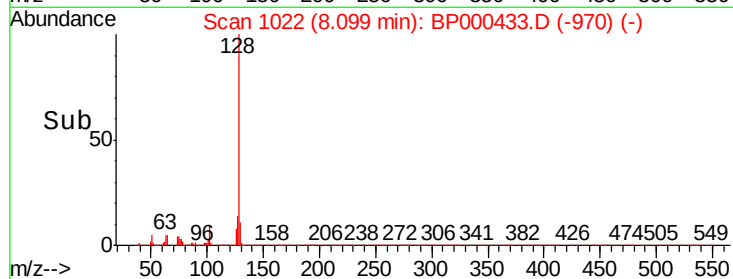
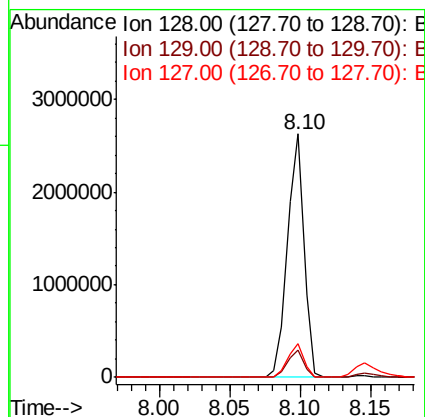
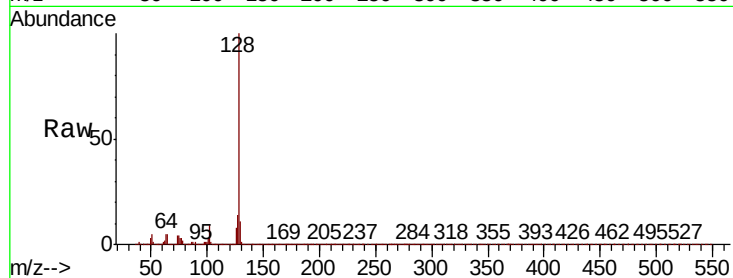




#31
Naphthalene
Concen: 48.314 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

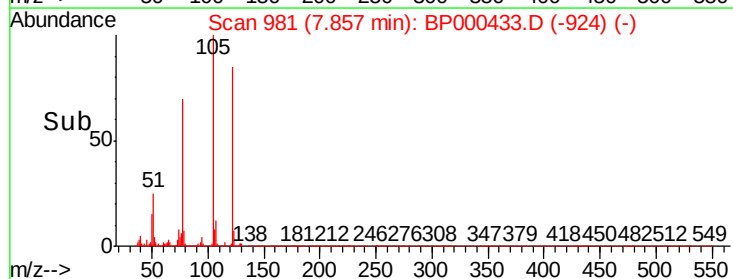
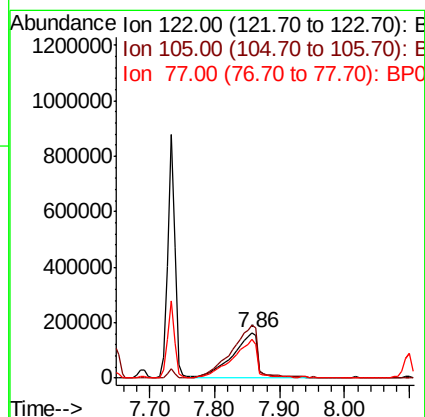
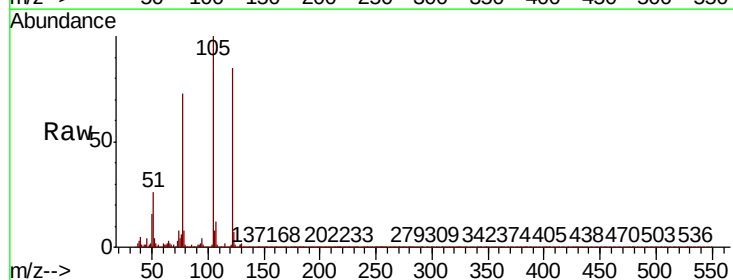
Instrument :
BNA_P
ClientSampleId :

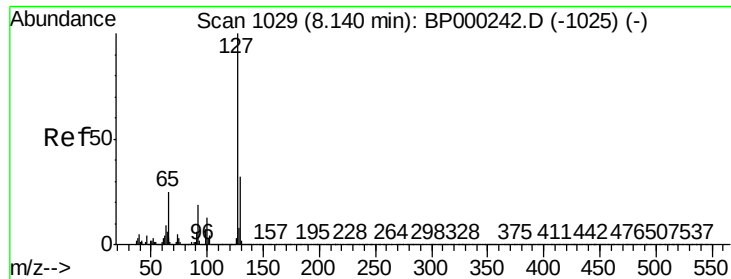
Tot Ion:128 Resp: 2146454
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.7 11.0 16.6



#32
Benzoic acid
Concen: 50.887 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.04 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:122 Resp: 448076
Ion Ratio Lower Upper
122 100
105 117.2 105.4 145.4
77 85.0 65.3 105.3

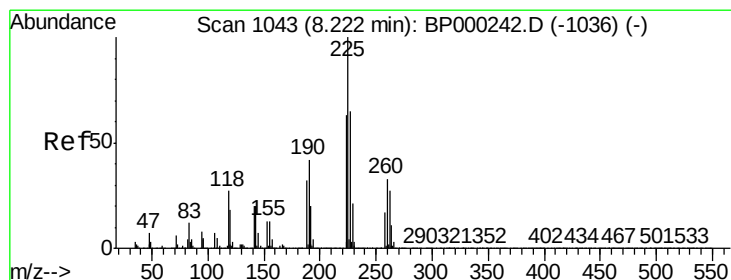
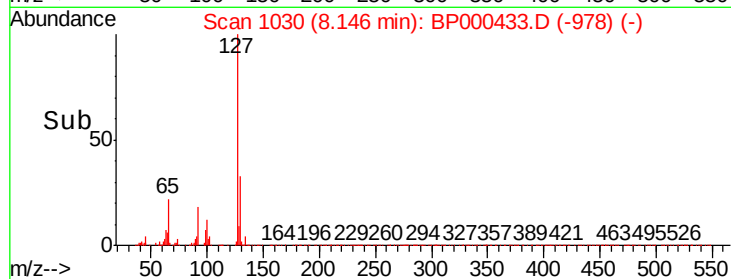
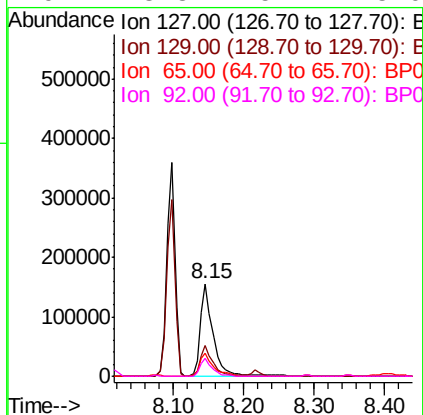
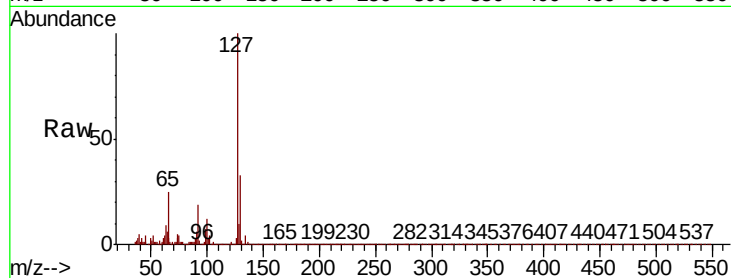




#33
4-Chloroaniline
Concen: 9.833 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

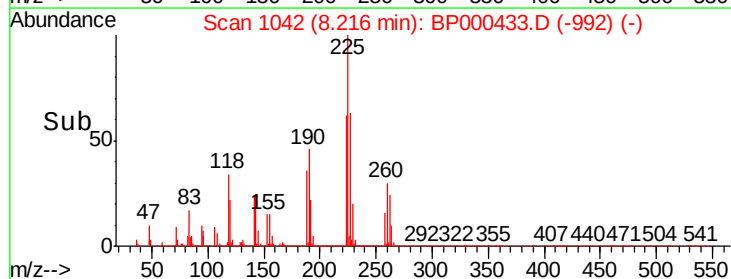
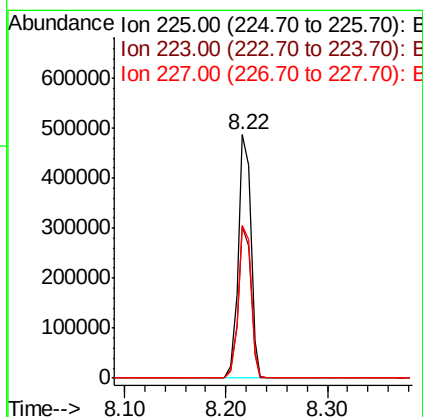
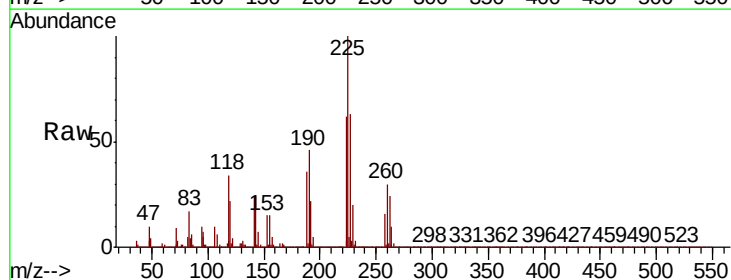
Instrument :
BNA_P
ClientSampleId :

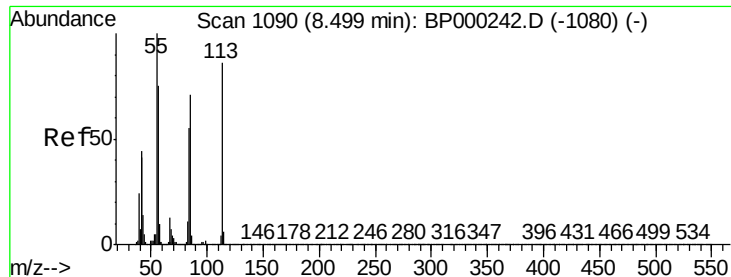
Tot Ion:	127	Resp:	197708
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.7	38.5
65	24.6	19.9	29.9
92	18.8	15.4	23.0



#34
Hexachlorobutadiene
Concen: 44.186 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:	225	Resp:	419425
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.2
227	62.8	51.8	77.6

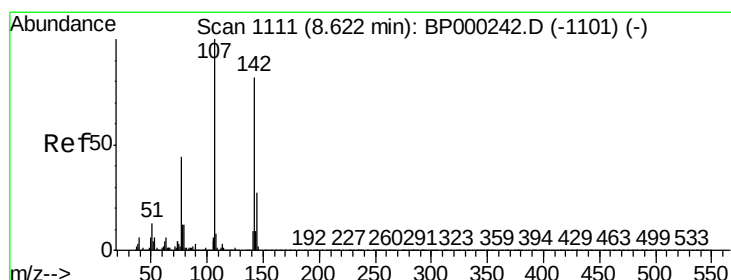
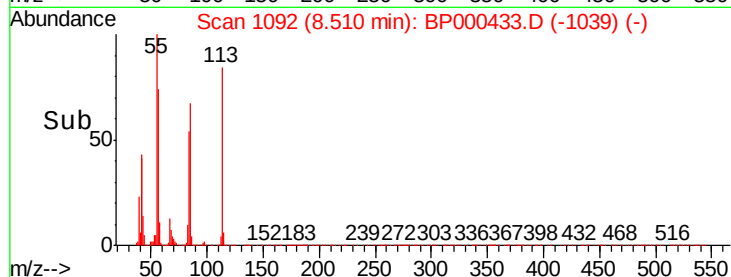
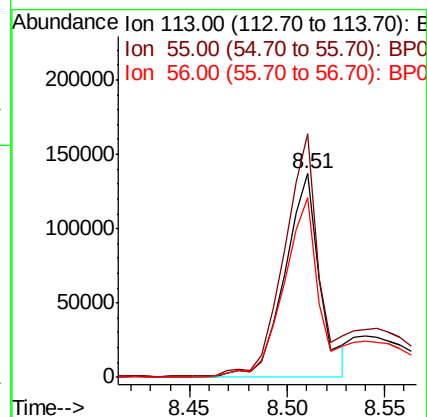
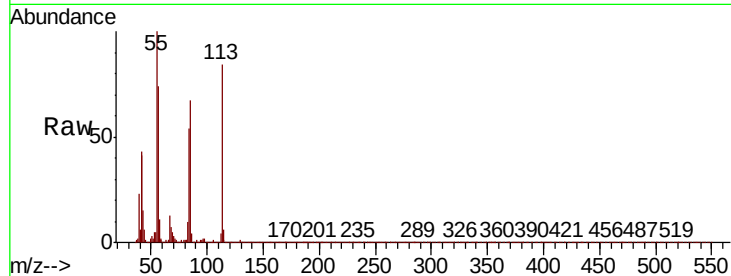




#35
Caprolactam
Concen: 35.603 ng
RT: 8.51 min Scan# 1092
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

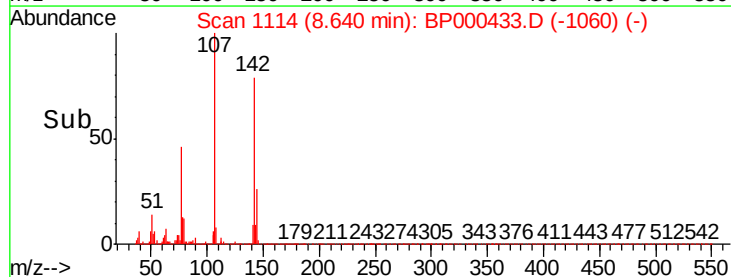
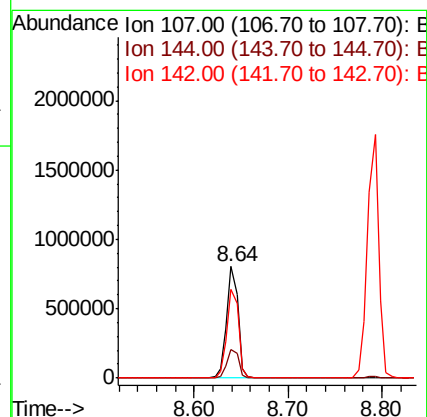
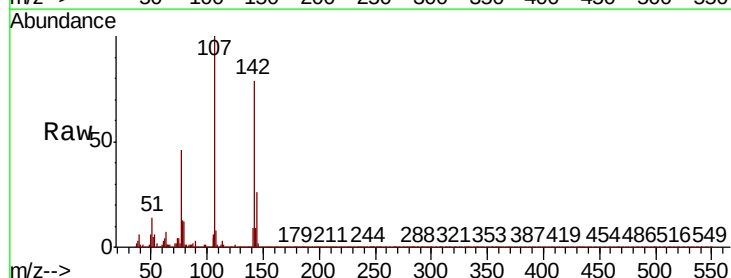
Instrument :
BNA_P
ClientSampleId :

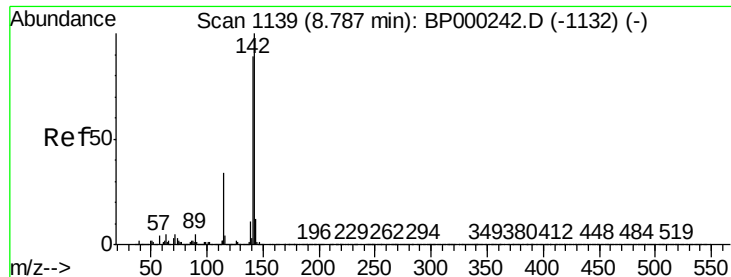
Tot Ion:113 Resp: 169279
Ion Ratio Lower Upper
113 100
55 119.5 96.8 136.8
56 87.9 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 48.164 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:107 Resp: 683382
Ion Ratio Lower Upper
107 100
144 25.9 21.5 32.3
142 79.1 65.7 98.5

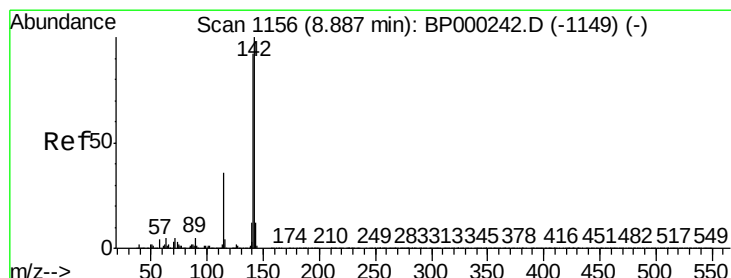
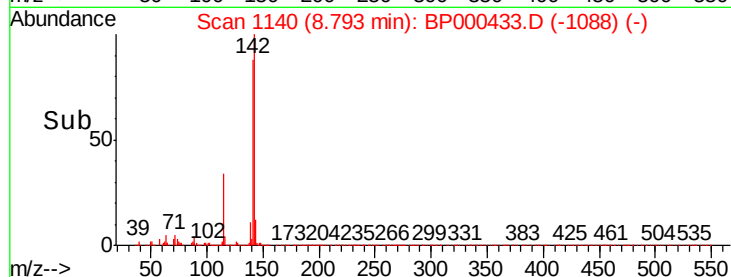
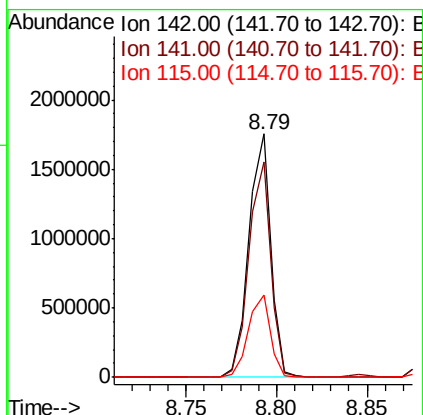
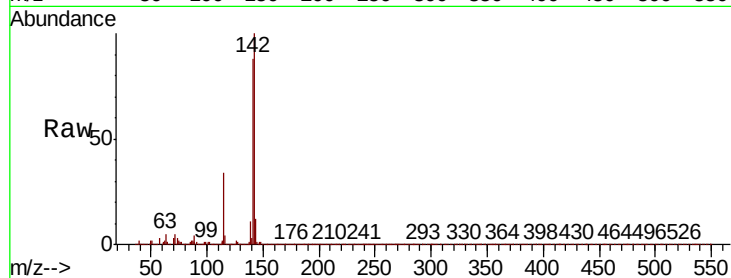




#37
2-Methylnaphthalene
Concen: 48.591 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

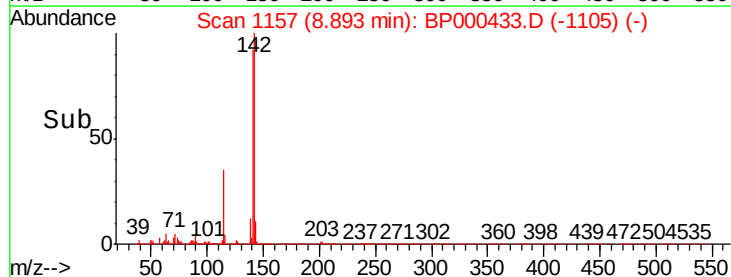
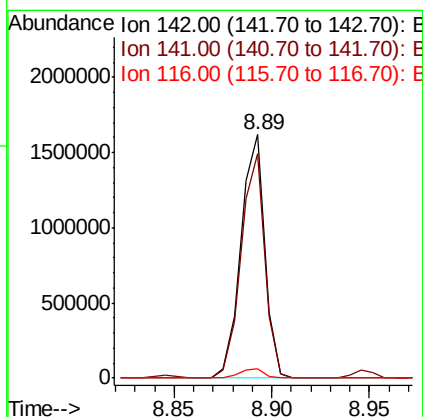
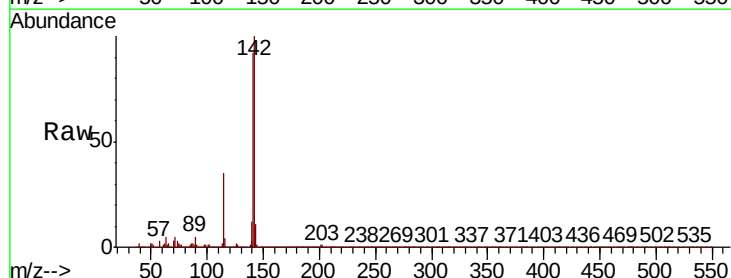
Instrument :
BNA_P
ClientSampleId :

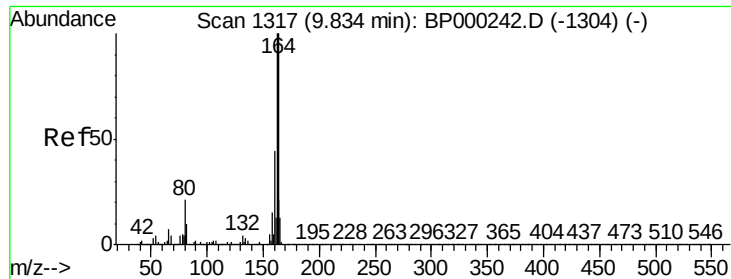
Tot Ion:142 Resp: 1475755
Ion Ratio Lower Upper
142 100
141 88.3 71.3 106.9
115 34.0 27.2 40.8



#38
1-Methylnaphthalene
Concen: 48.166 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:142 Resp: 1370314
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9
116 3.6 3.0 4.6

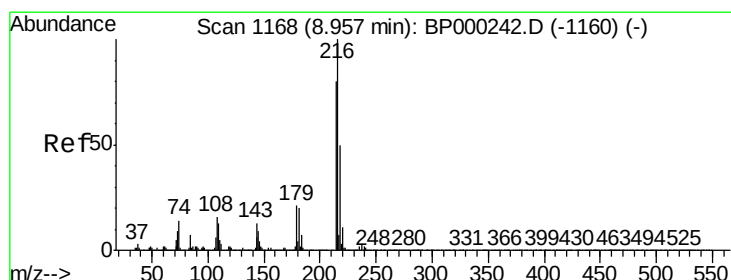
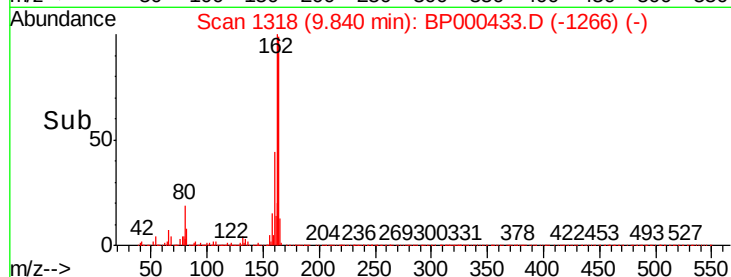
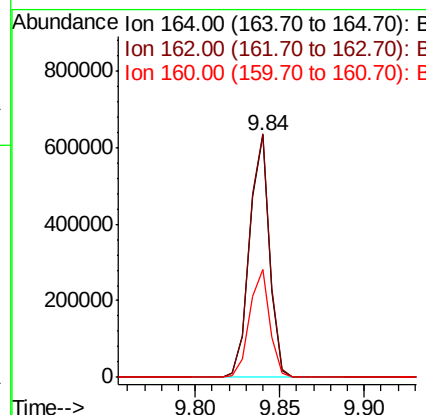
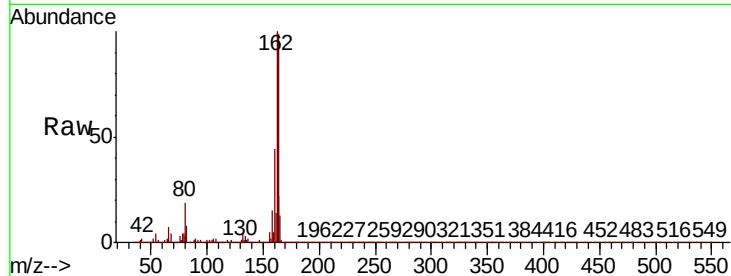




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

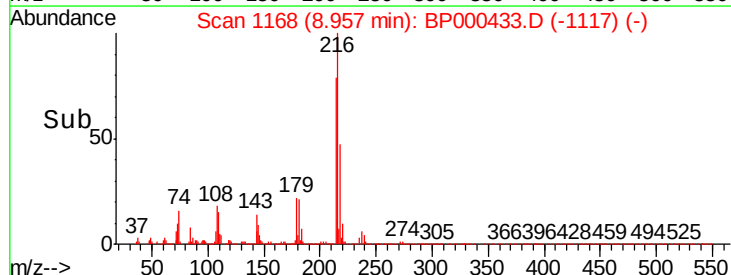
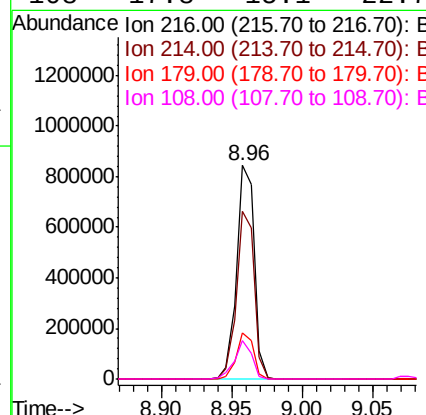
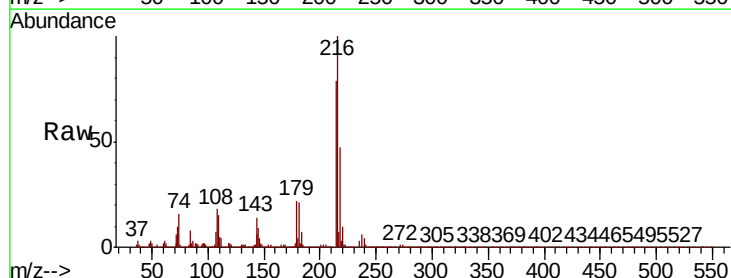
Instrument :
BNA_P
ClientSampleId :

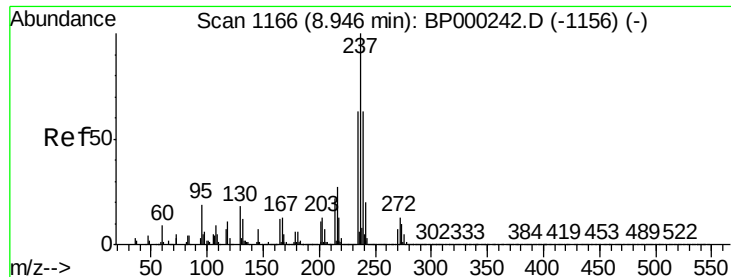
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.9	119.9
160	44.5	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.346 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.6	95.4
179	20.8	17.0	25.4
108	17.8	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 35.734 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampleId :

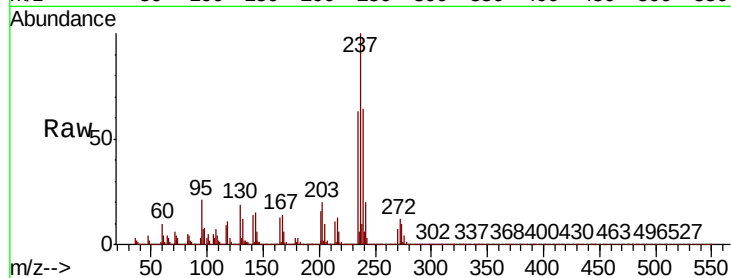
Tot Ion:237 Resp: 304944

Ion Ratio Lower Upper

237 100

235 62.8 43.5 83.5

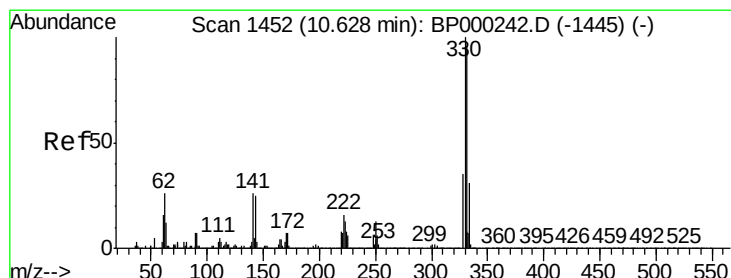
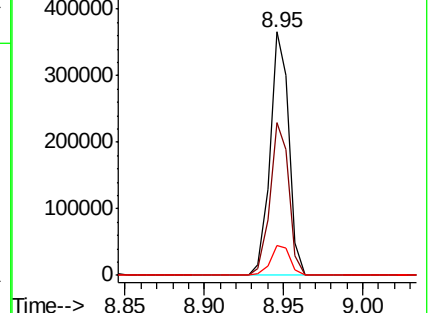
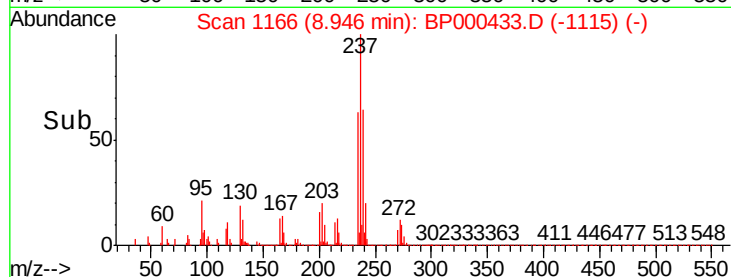
272 12.5 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.854 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

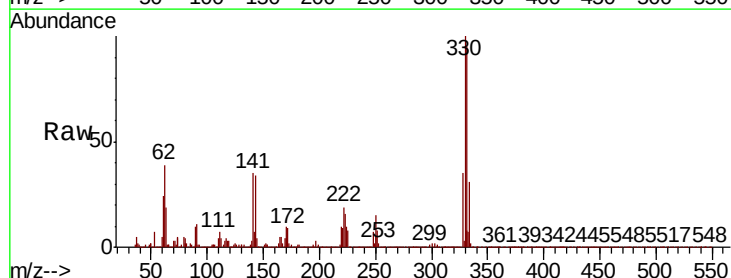
Tgt Ion:330 Resp: 576651

Ion Ratio Lower Upper

330 100

332 95.4 76.6 115.0

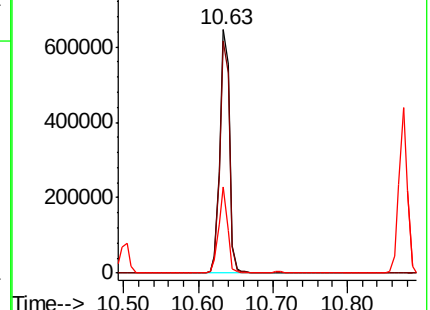
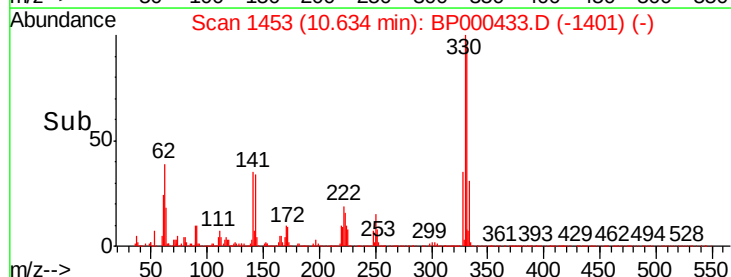
141 32.5 26.5 39.7

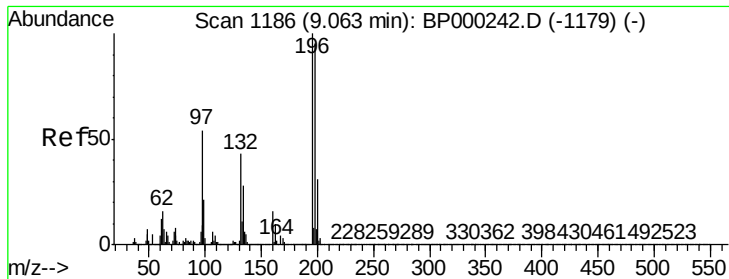


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

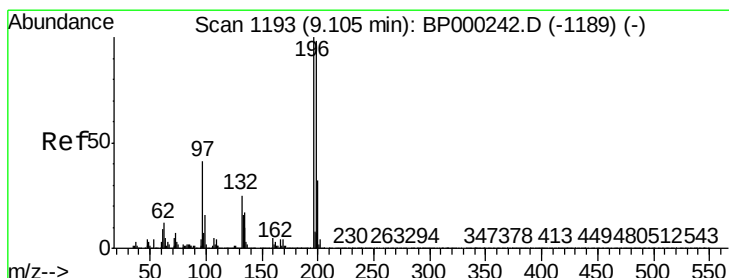
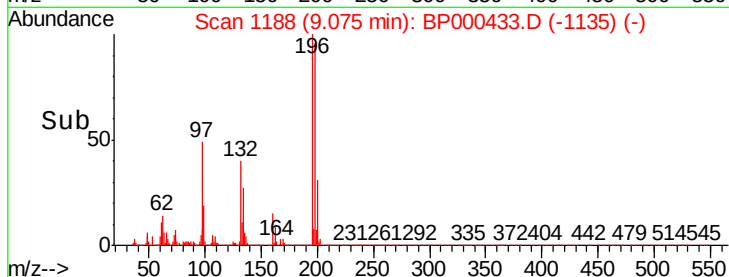
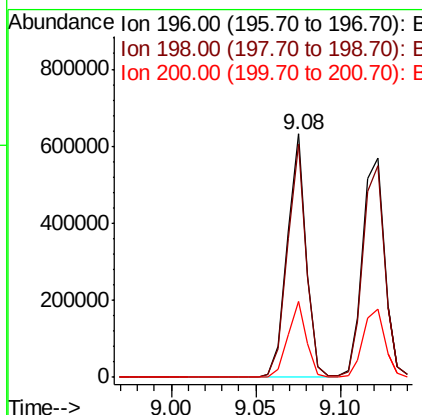
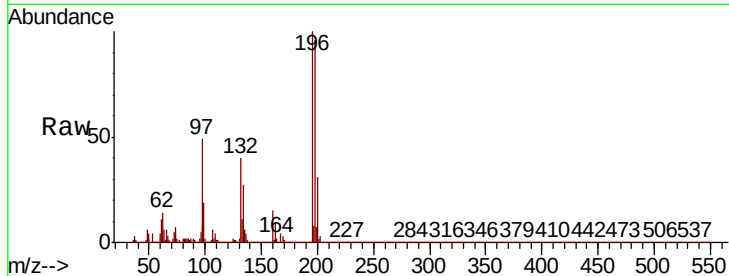




#43
2,4,6-Trichlorophenol
Concen: 48.053 ng
RT: 9.08 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

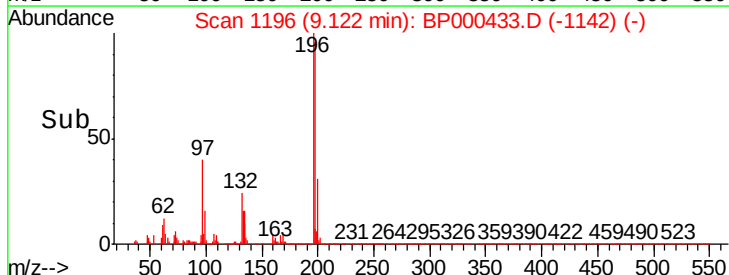
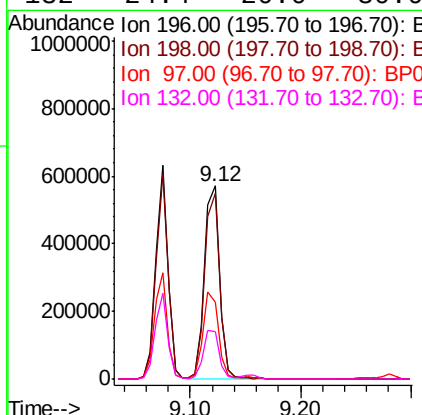
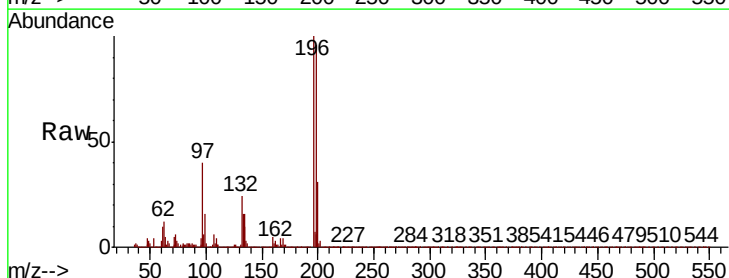
Instrument :
BNA_P
ClientSampleId :

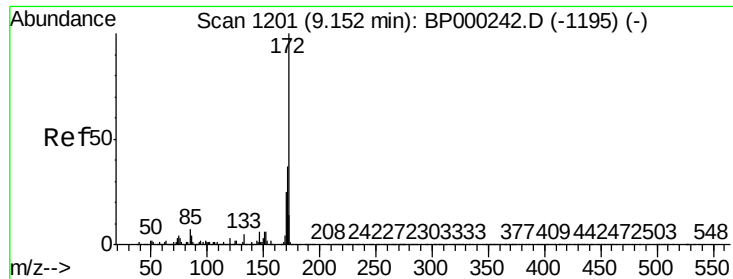
Tot Ion:196 Resp: 494140
Ion Ratio Lower Upper
196 100
198 95.9 76.0 114.0
200 31.1 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 49.920 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.02 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:196 Resp: 525639
Ion Ratio Lower Upper
196 100
198 96.4 78.1 117.1
97 40.1 33.3 49.9
132 24.4 20.0 30.0

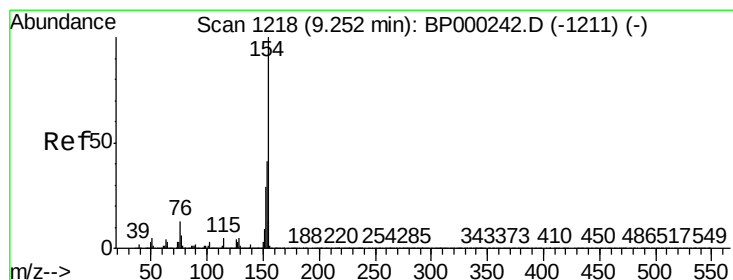
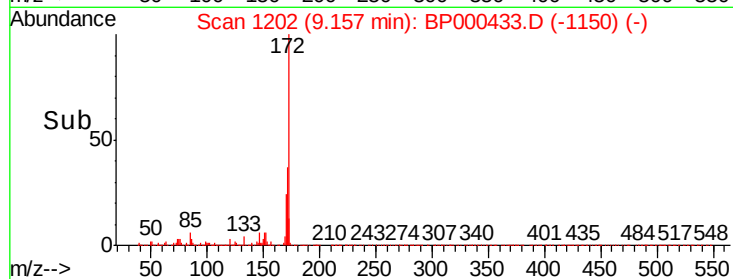
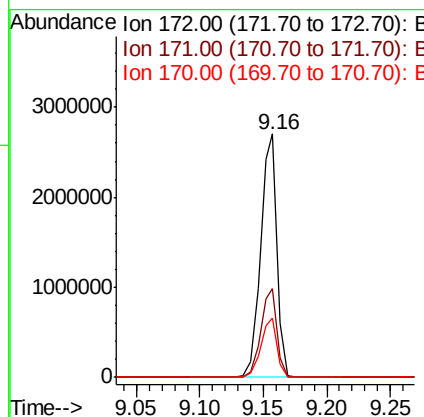
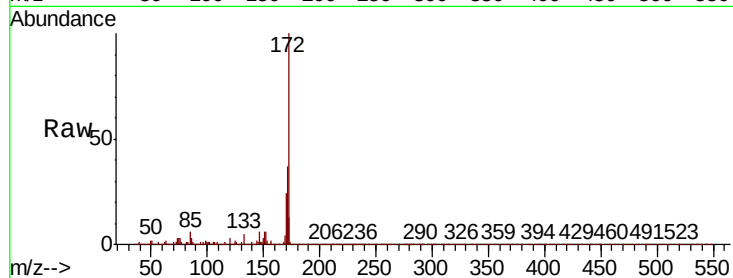




#45
2-Fluorobiphenyl
Concen: 84.768 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

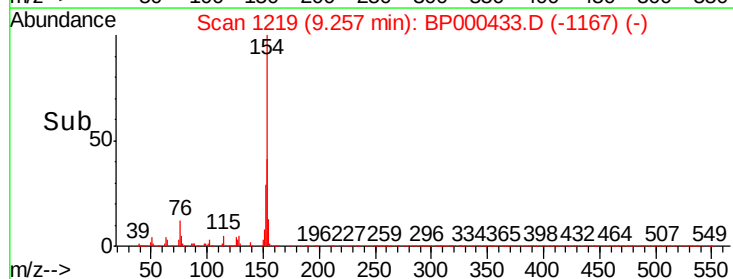
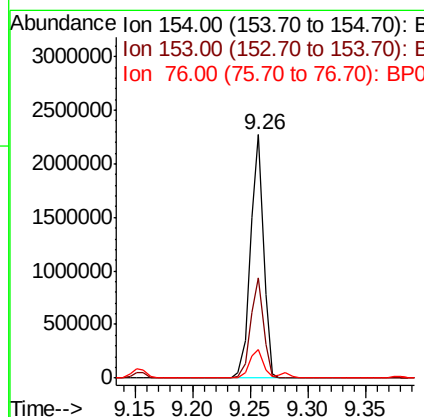
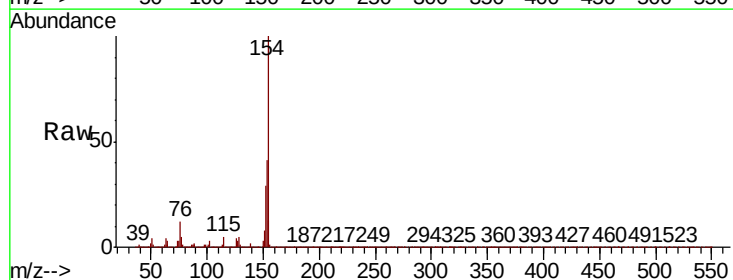
Instrument :
BNA_P
ClientSampleId :

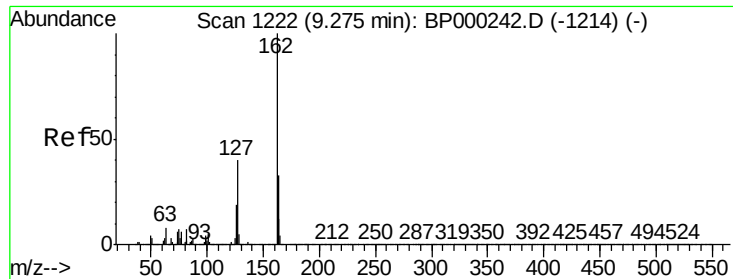
Tot Ion:172 Resp: 2448039
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.4 19.8 29.6



#46
1,1'-Biphenyl
Concen: 49.146 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:154 Resp: 1767121
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 11.9 0.0 33.4





#47

2-Chloronaphthalene

Concen: 45.838 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampled :

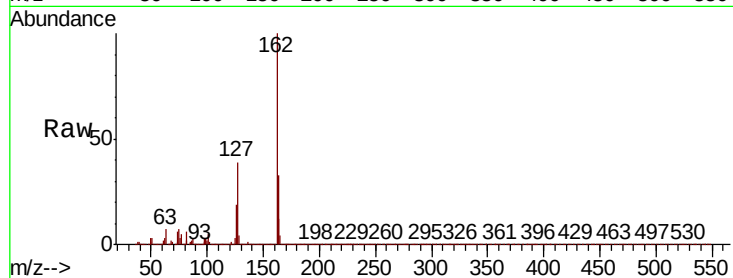
Tot Ion:162 Resp: 1382573

Ion Ratio Lower Upper

162 100

127 39.2 32.4 48.6

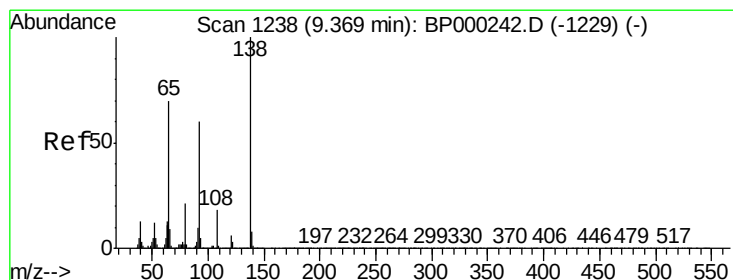
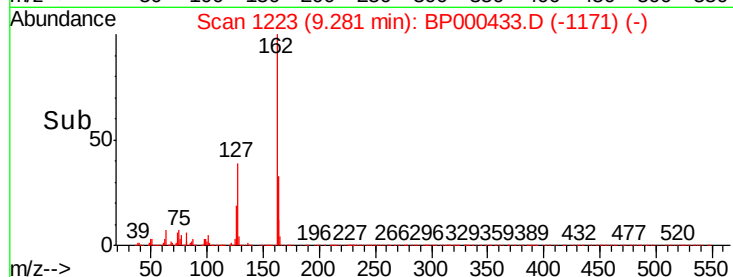
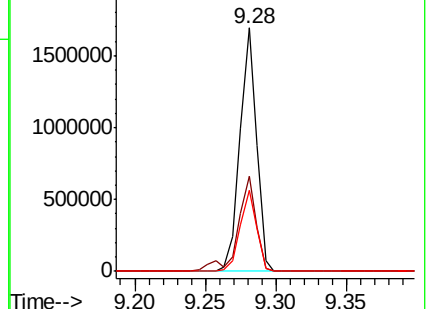
164 33.5 26.3 39.5



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: 46.558 ng

RT: 9.38 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

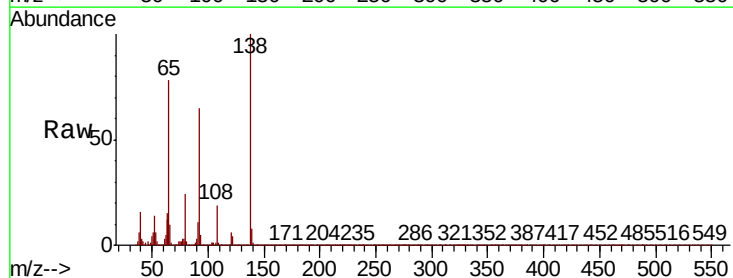
Tgt Ion: 65 Resp: 356623

Ion Ratio Lower Upper

65 100

92 82.9 68.7 103.1

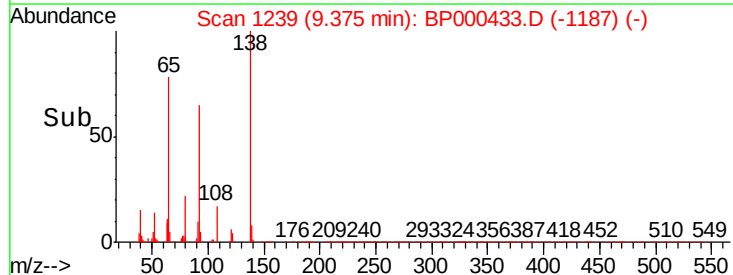
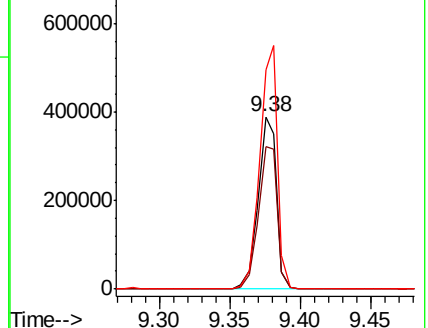
138 127.5 114.4 171.6

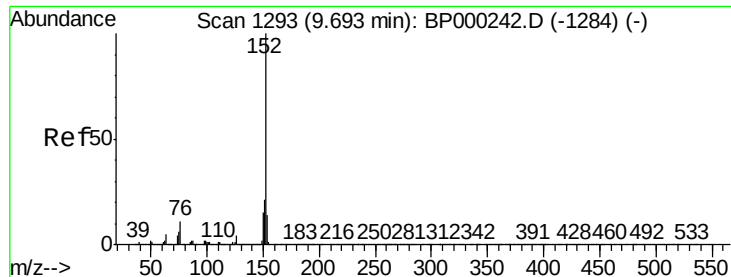


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.775 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

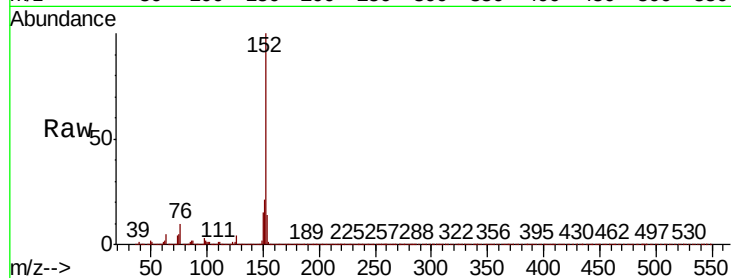
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 2256803

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	13.8	11.0	16.4

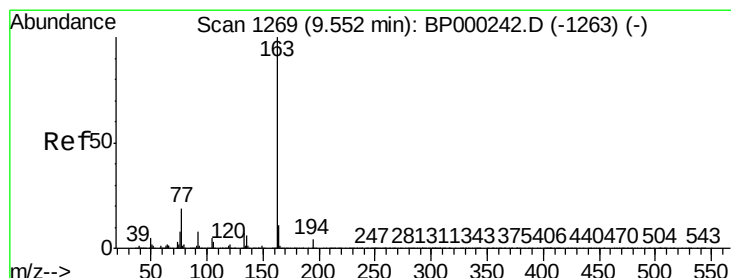
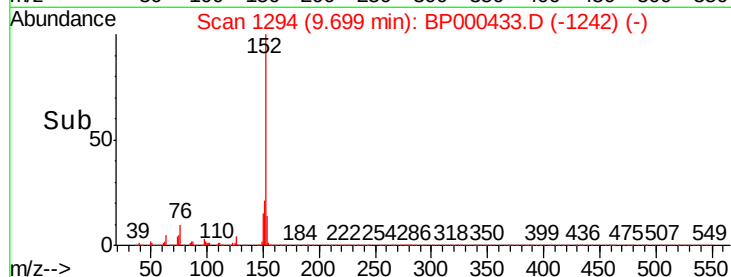
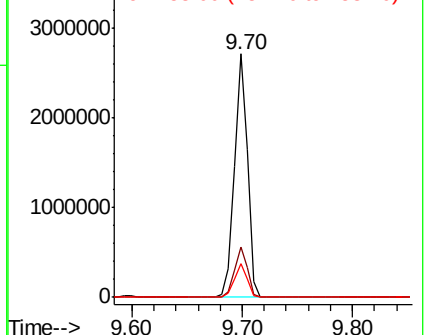


Abundance

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: 55.993 ng

RT: 9.56 min Scan# 1271

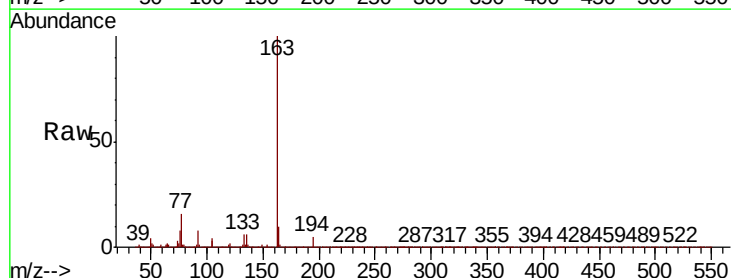
Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Tgt Ion:163 Resp: 1982839

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.1	8.5	12.7

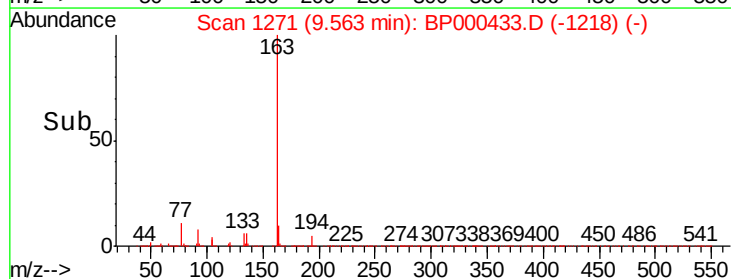
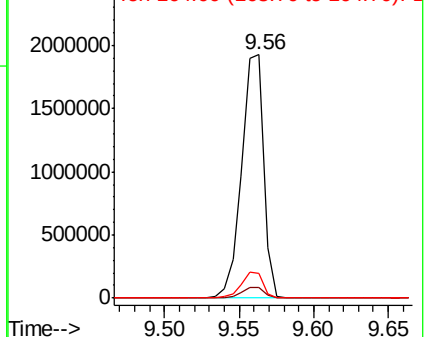


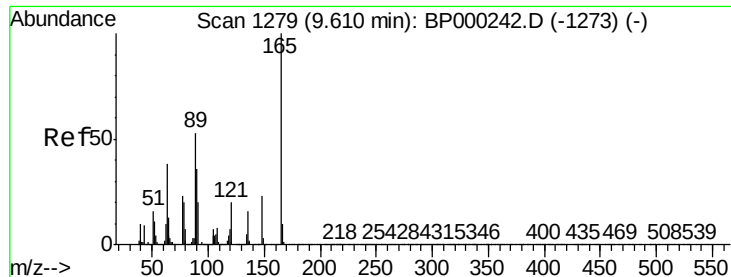
Abundance

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: 46.821 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampleId :

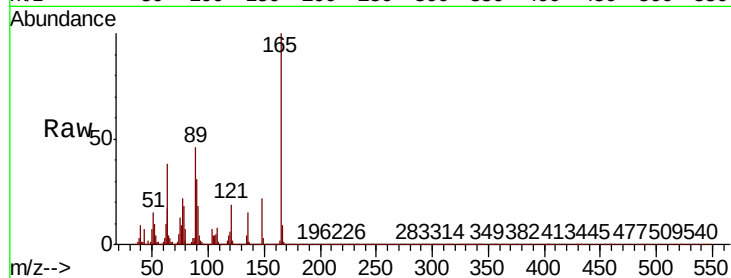
Tot Ion:165 Resp: 364566

Ion Ratio Lower Upper

165 100

63 37.5 35.8 53.8

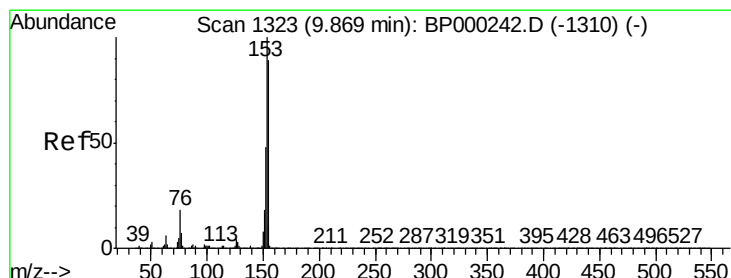
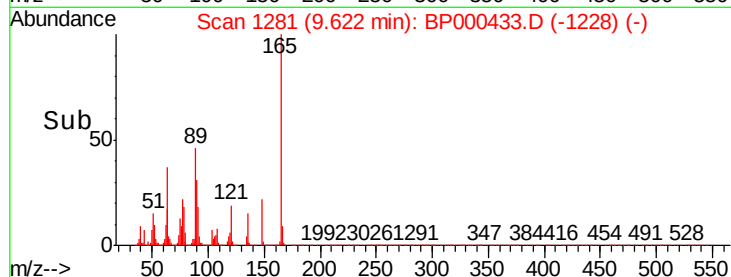
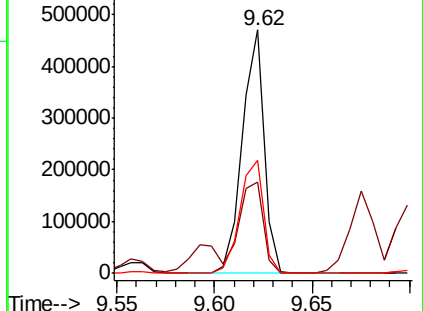
89 46.4 42.6 63.8



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



#52

Acenaphthene

Concen: 45.414 ng

RT: 9.88 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

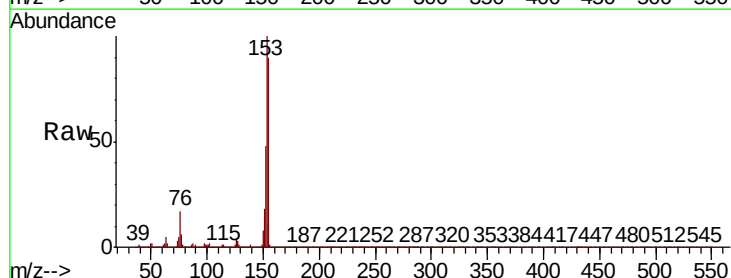
Tgt Ion:154 Resp: 1299377

Ion Ratio Lower Upper

154 100

153 111.7 89.8 134.6

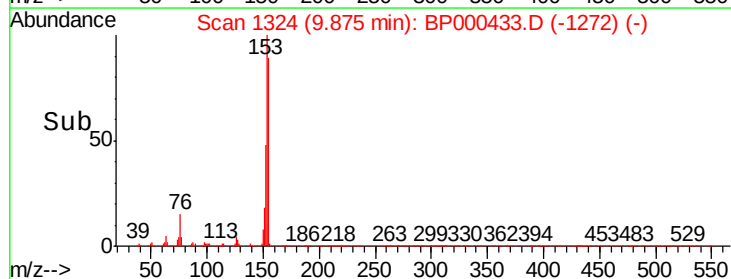
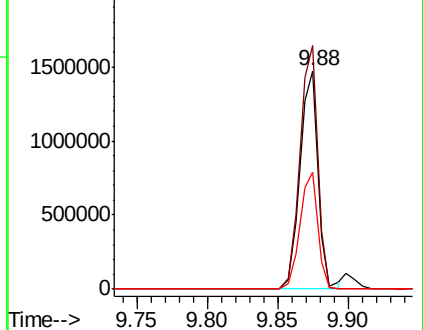
152 53.6 43.4 65.0

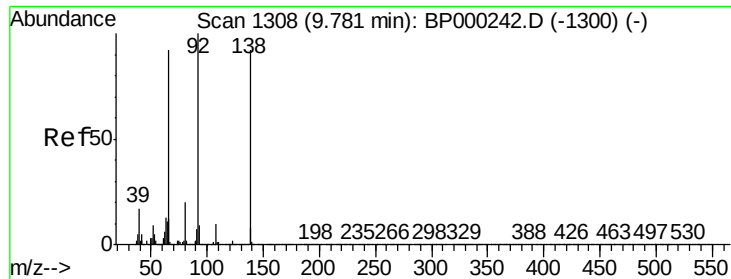


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

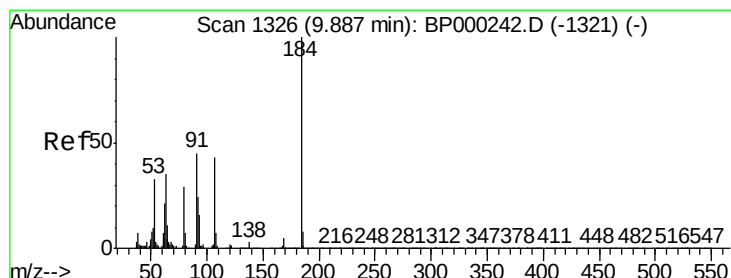
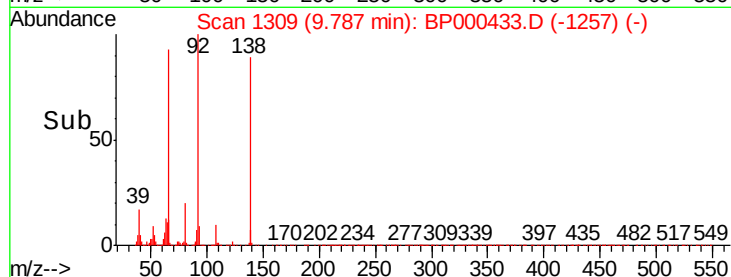
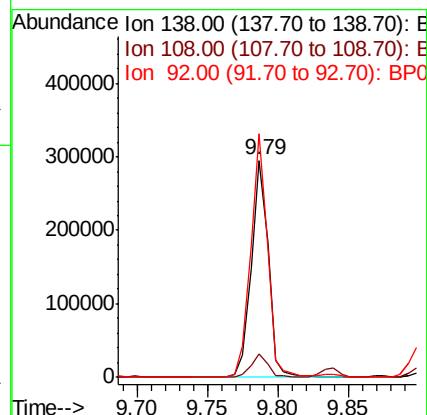
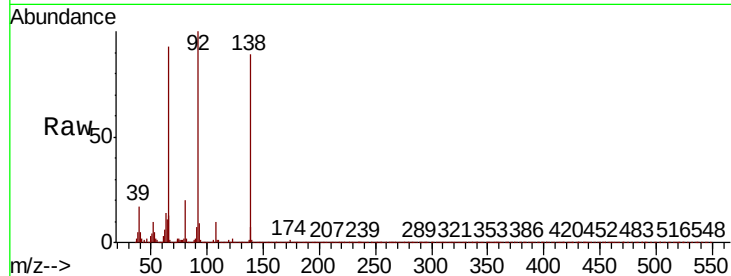




#53
3-Nitroaniline
Concen: 27.467 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

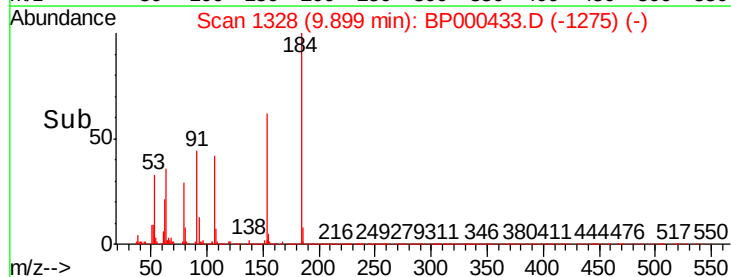
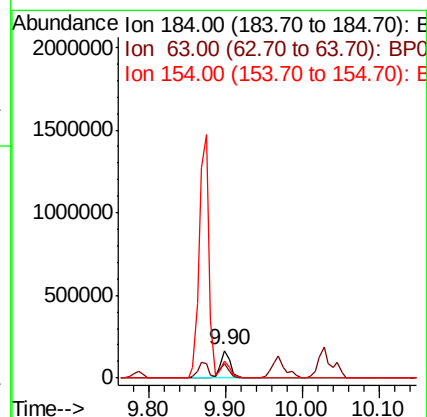
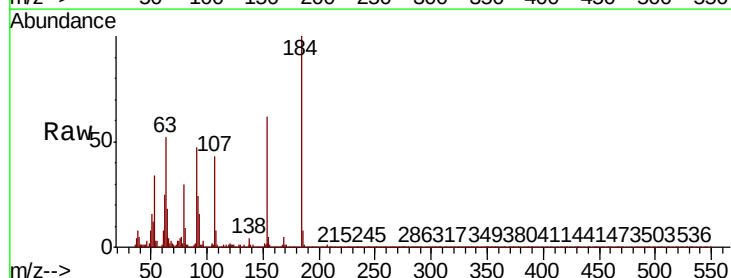
Instrument :
BNA_P
ClientSampleId :

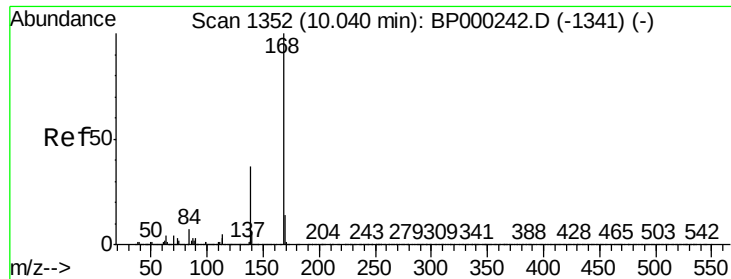
Tot Ion:138 Resp: 248245
Ion Ratio Lower Upper
138 100
108 11.0 9.1 13.7
92 112.1 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 43.300 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:184 Resp: 148955
Ion Ratio Lower Upper
184 100
63 51.9 39.5 59.3
154 62.4 48.8 73.2

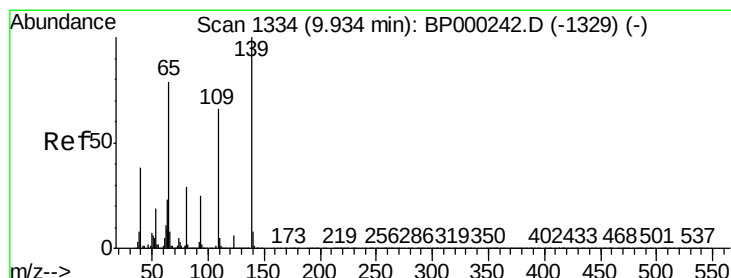
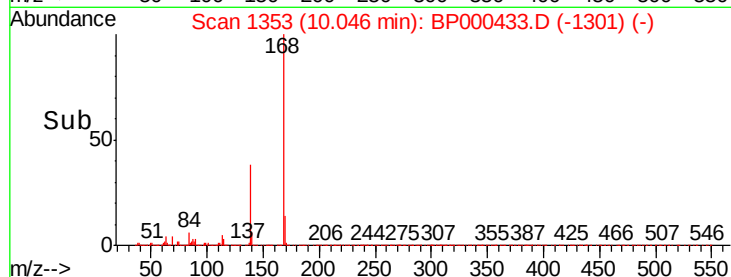
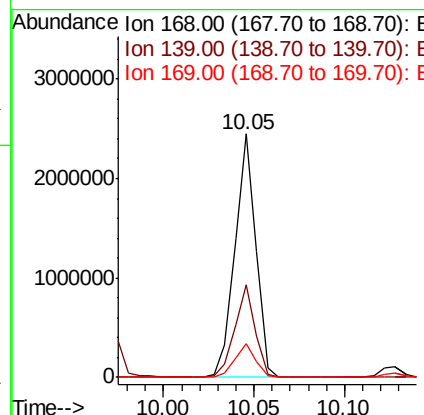
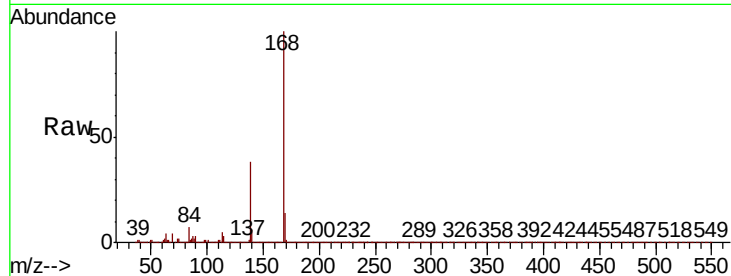




#55
Dibenzofuran
Concen: 48.528 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

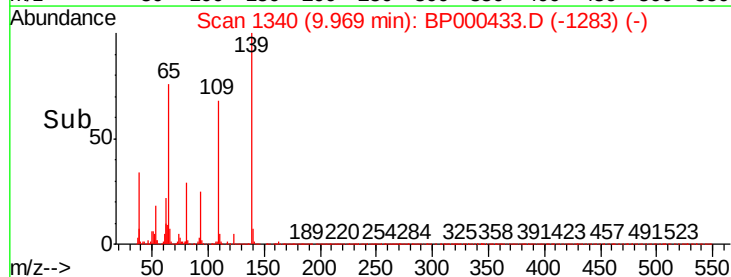
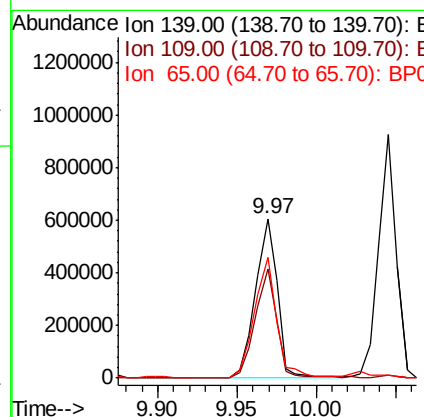
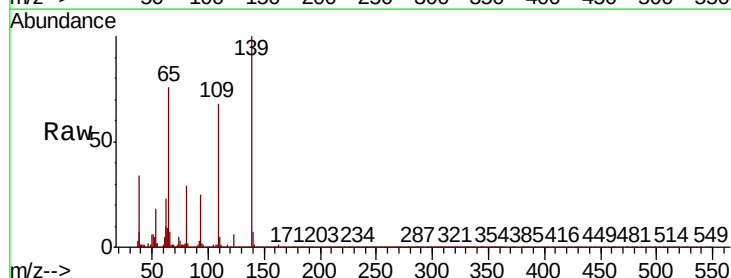
Instrument :
BNA_P
ClientSampleId :

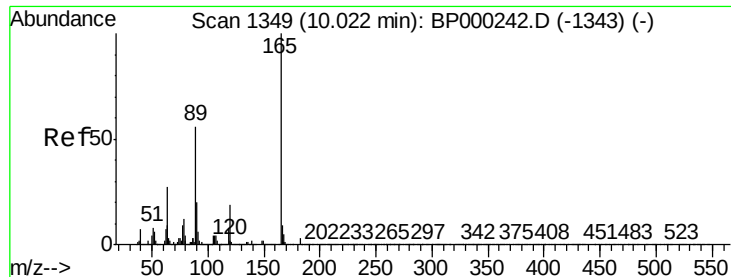
Tot Ion:168 Resp: 1962822
Ion Ratio Lower Upper
168 100
139 37.8 30.0 45.0
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 86.398 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.04 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:139 Resp: 580780
Ion Ratio Lower Upper
139 100
109 68.1 46.2 86.2
65 75.7 59.4 99.4

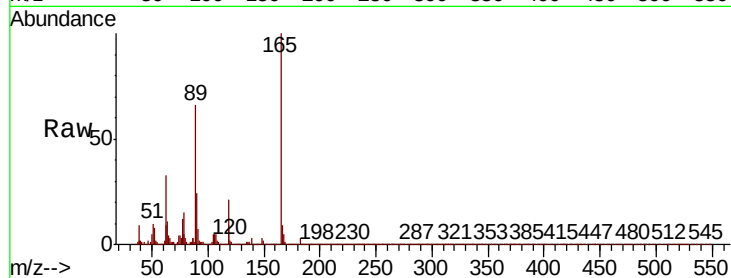




#57
2,4-Dinitrotoluene
Concen: 45.758 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	32.7	21.7	32.5#
89	65.6	45.0	67.6
182	3.1	2.4	3.6

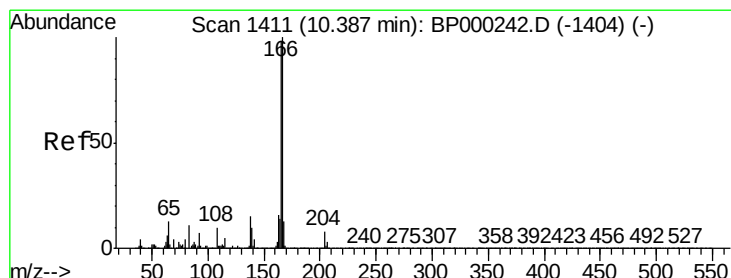
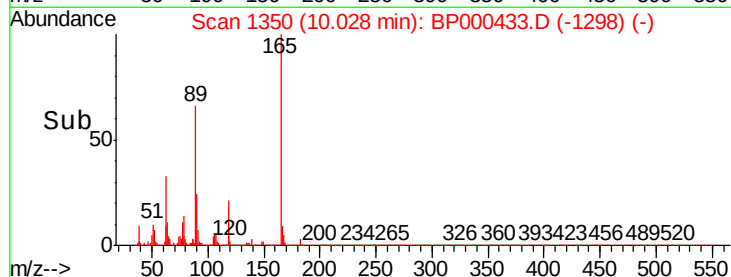
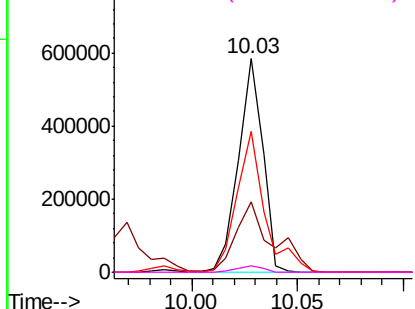


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

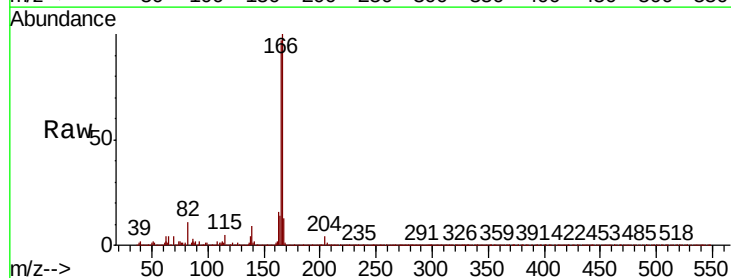
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.780 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

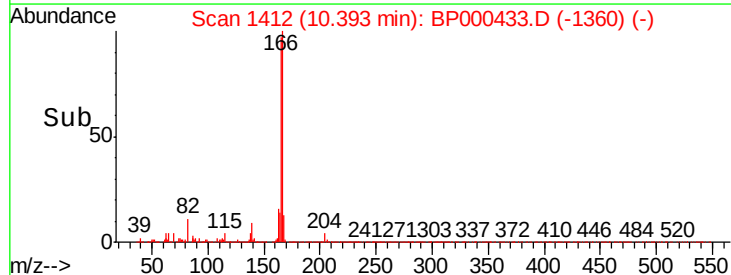
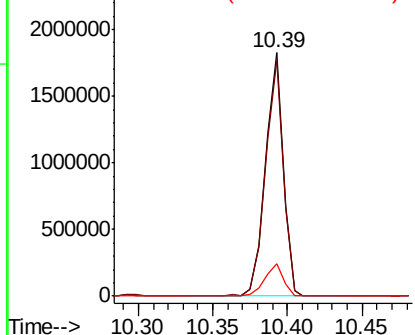
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.2	117.2
167	13.5	10.7	16.1

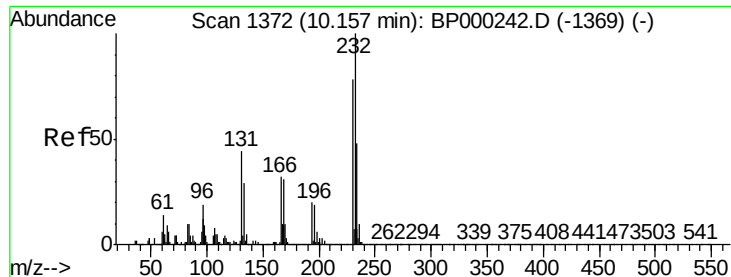


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

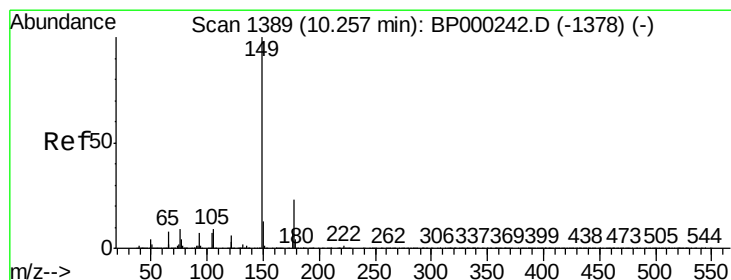
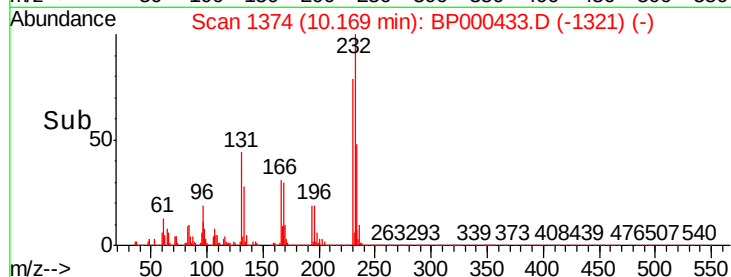
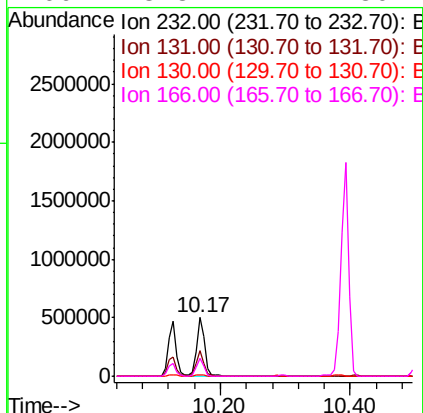
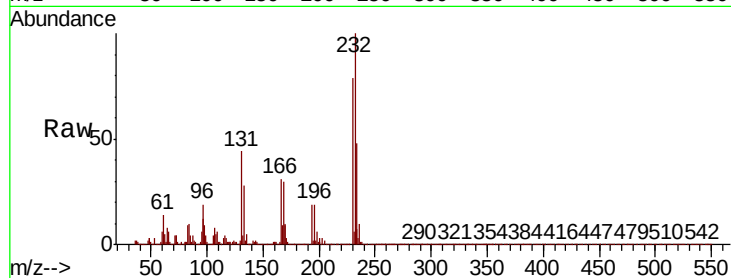




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.348 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

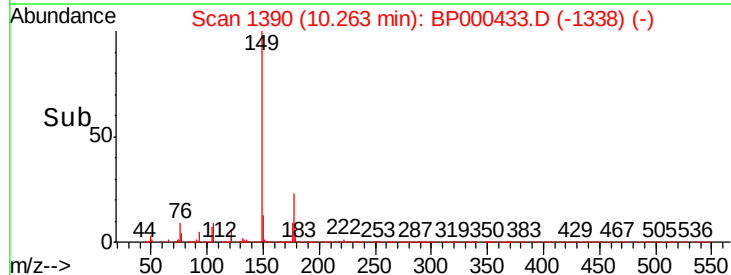
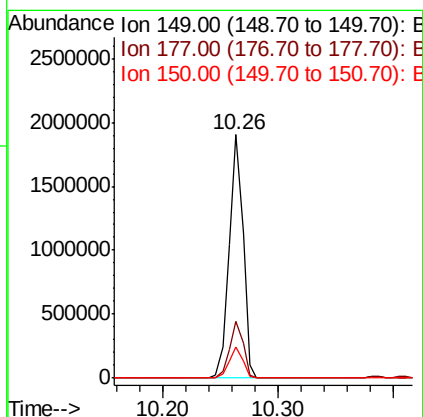
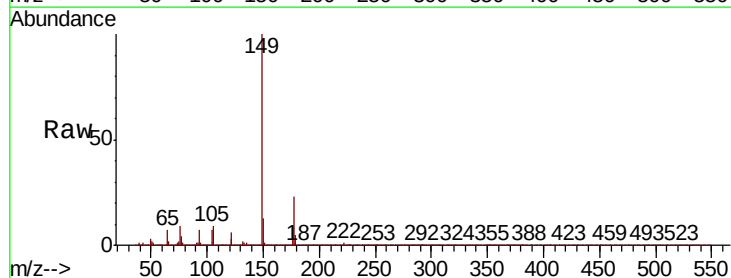
Instrument :
BNA_P
ClientSampleID :

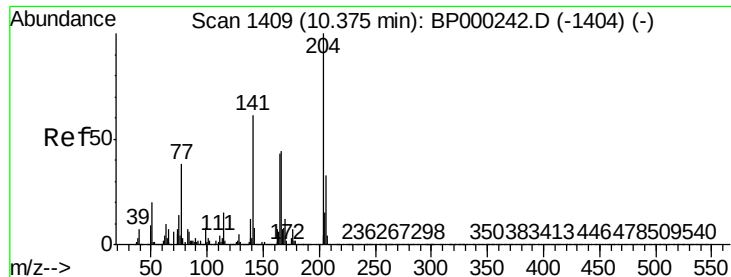
Tot Ion:	232	Resp:	427574
Ion	Ratio	Lower	Upper
232	100		
131	40.0	33.6	50.4
130	2.2	1.8	2.6
166	28.8	24.2	36.2



#60
Diethylphthalate
Concen: 46.241 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:	149	Resp:	1575224
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.1	27.1
150	12.8	10.3	15.5

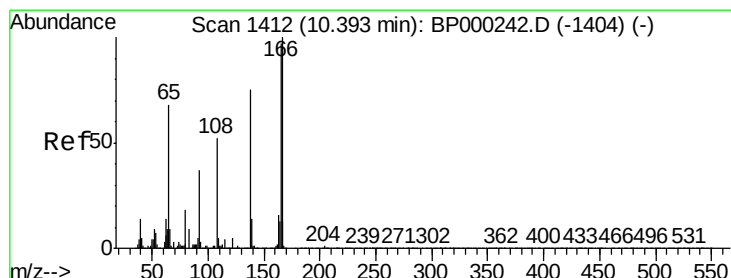
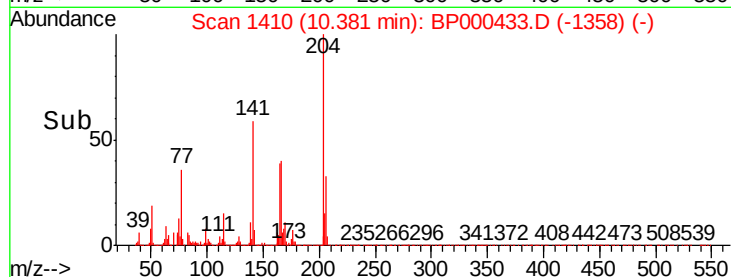
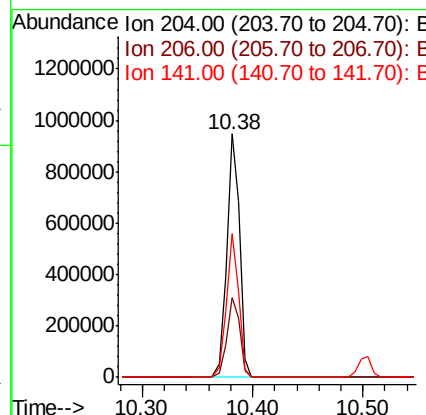
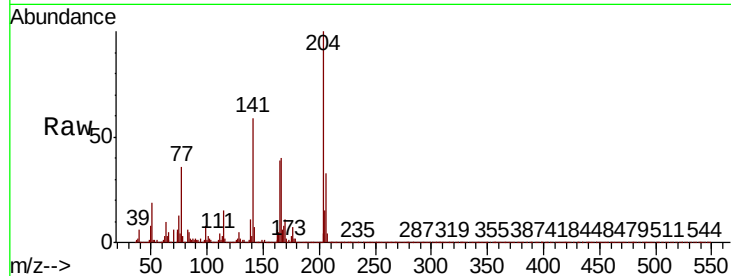




#61
4-Chlorophenyl-phenylether
Concen: 47.386 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

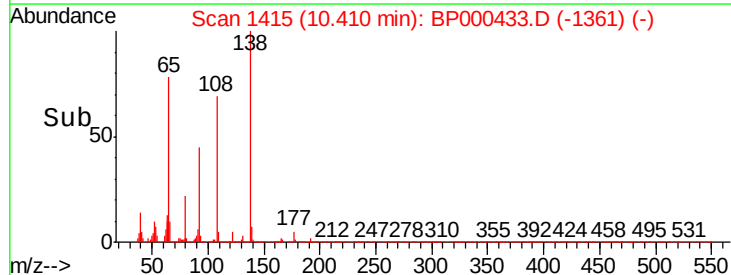
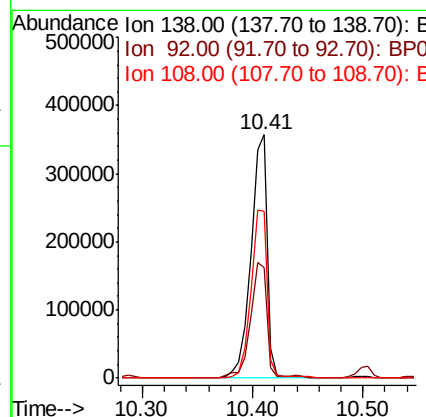
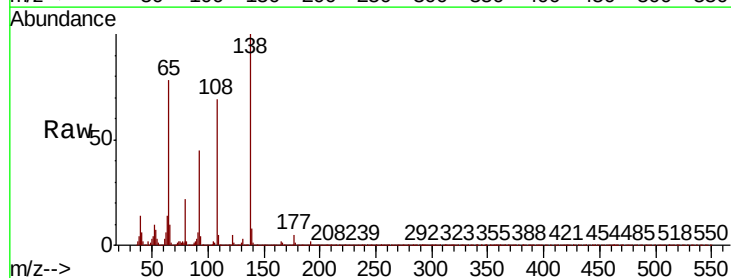
Instrument :
BNA_P
ClientSampled :

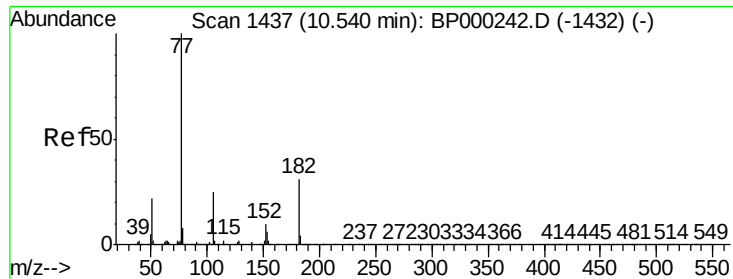
Tot Ion:204 Resp: 759908
Ion Ratio Lower Upper
204 100
206 32.7 26.3 39.5
141 59.0 48.6 72.8



#62
4-Nitroaniline
Concen: 41.735 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.02 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:138 Resp: 371013
Ion Ratio Lower Upper
138 100
92 45.4 30.1 70.1
108 68.8 49.5 89.5

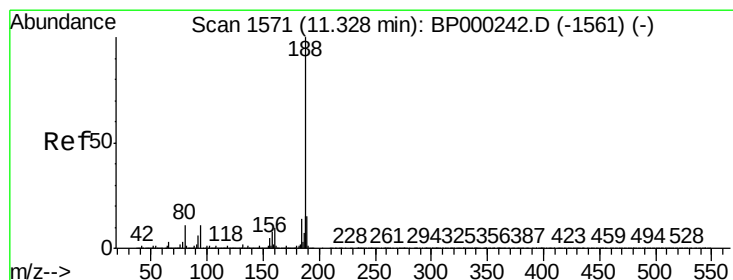
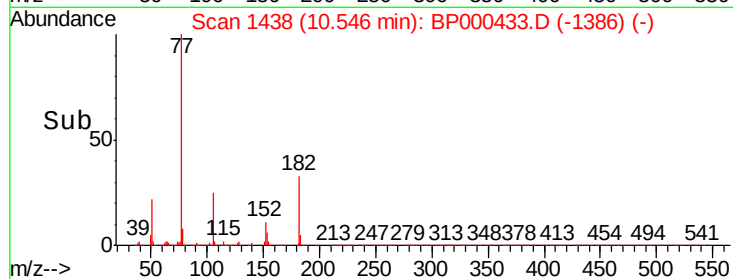
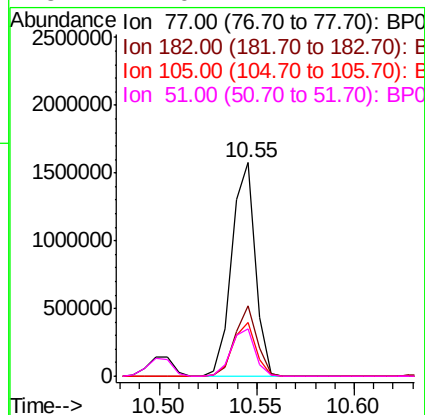
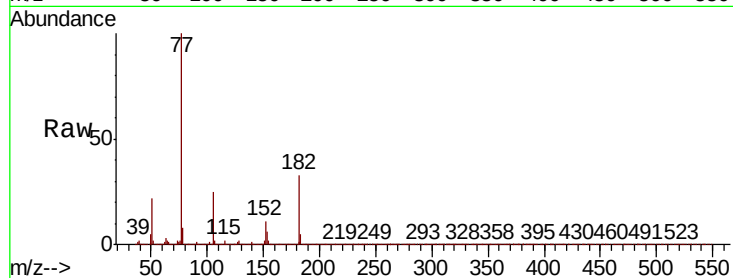




#63
Azobenzene
Concen: 45.517 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

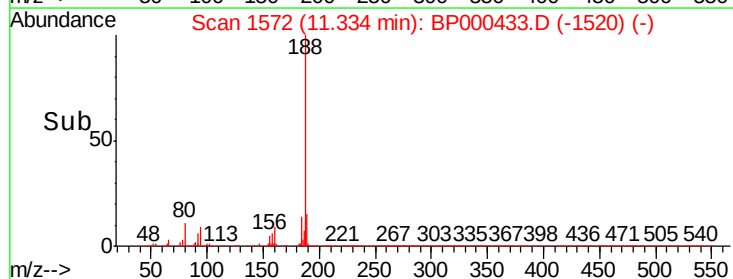
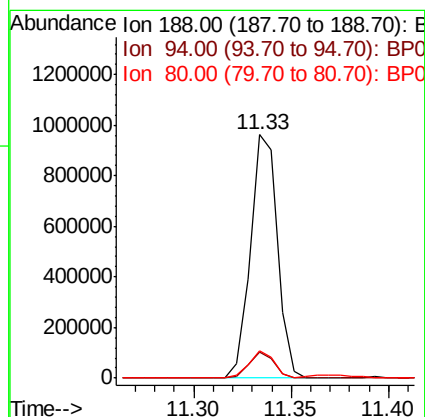
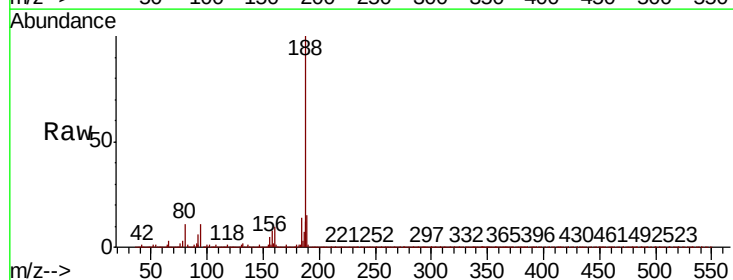
Instrument :
BNA_P
ClientSampled :

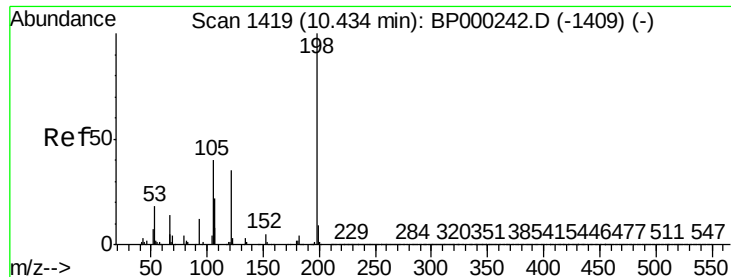
Tot Ion:	77	Resp:	1313647
Ion	Ratio	Lower	Upper
77	100		
182	33.1	11.1	51.1
105	25.1	4.7	44.7
51	22.0	2.2	42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:	188	Resp:	920731
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.1	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 25.132 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampled :

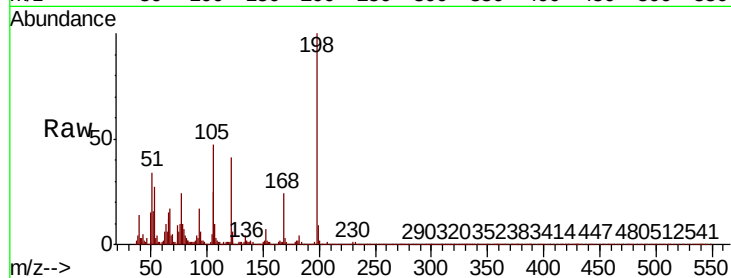
Tot Ion:198 Resp: 108806

Ion Ratio Lower Upper

198 100

51 34.2 7.4 47.4

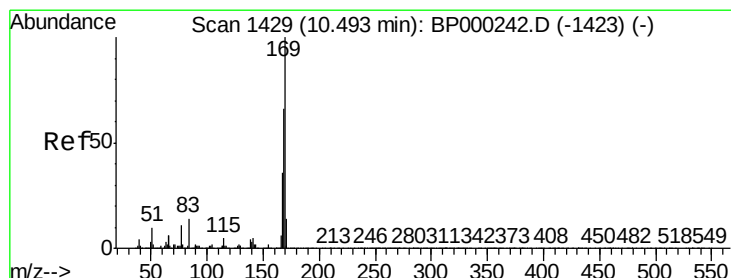
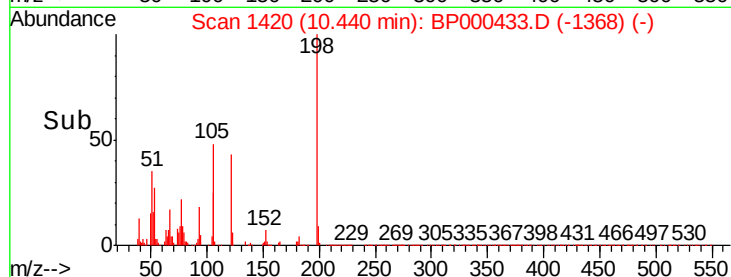
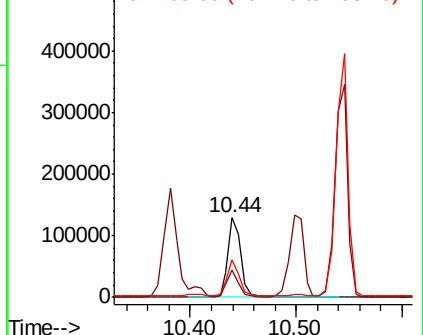
105 47.3 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.409 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

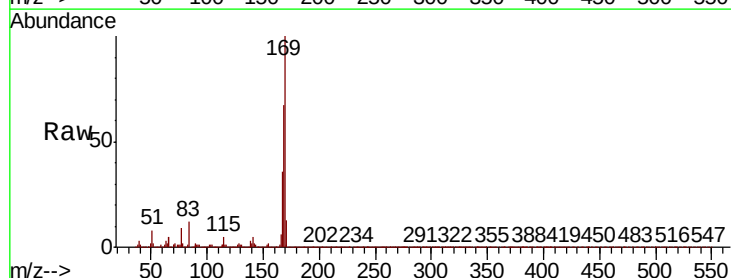
Tgt Ion:169 Resp: 1341770

Ion Ratio Lower Upper

169 100

168 66.6 52.9 79.3

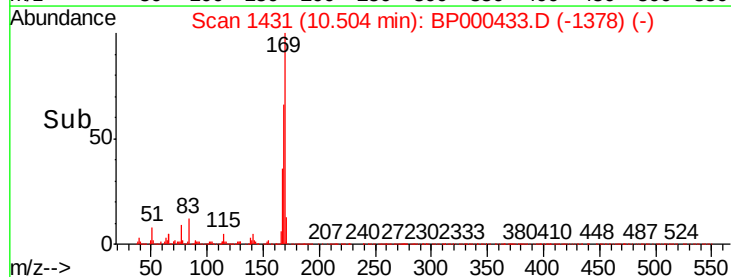
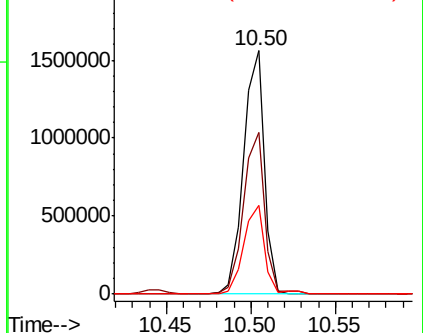
167 36.4 29.0 43.6

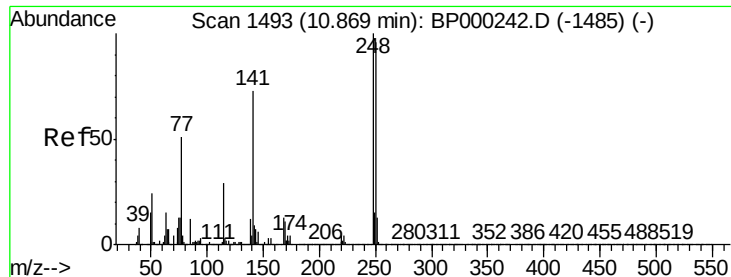


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

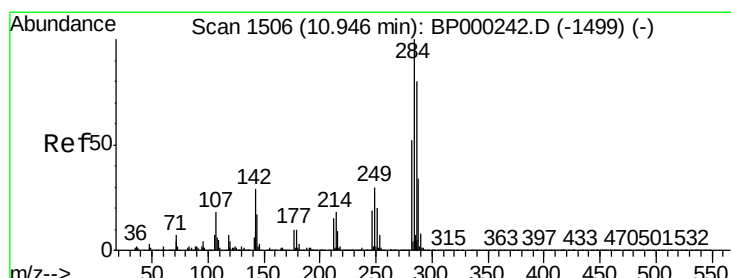
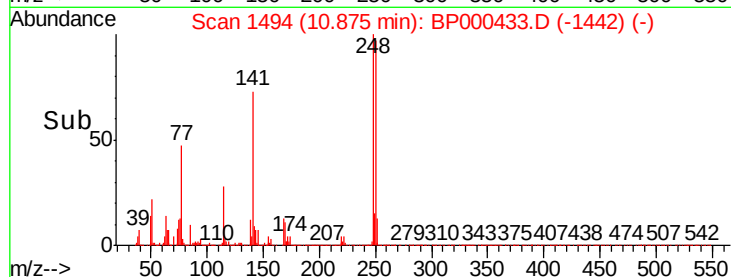
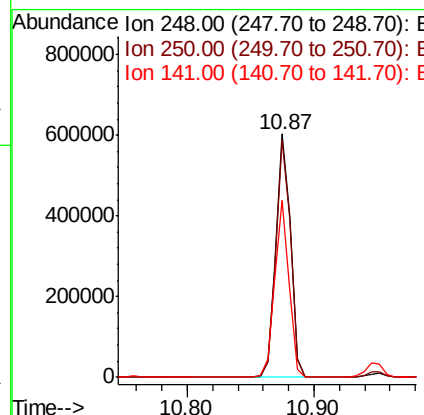
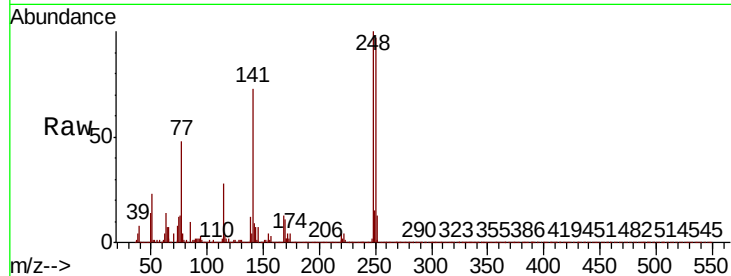




#67
4-Bromophenyl-phenylether
Concen: 46.111 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

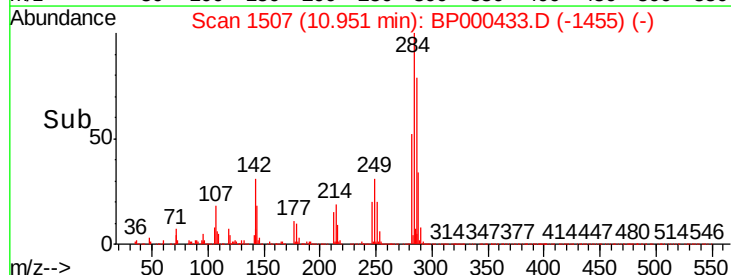
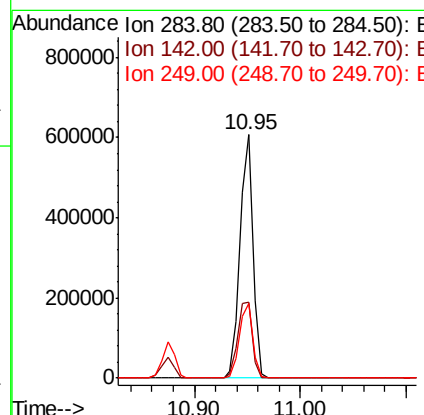
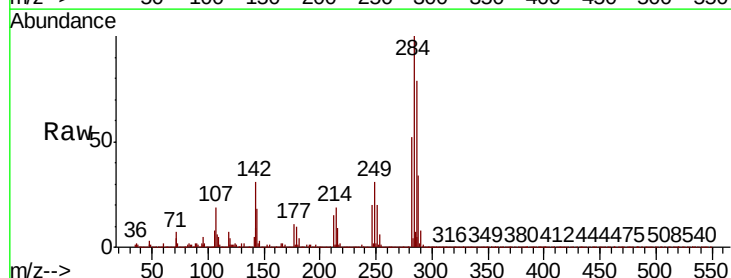
Instrument :
BNA_P
ClientSampleId :

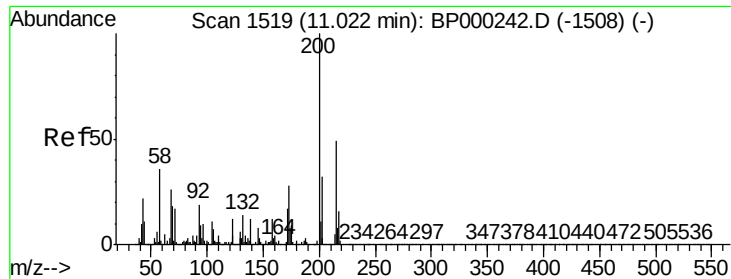
Tot Ion:248 Resp: 480096
Ion Ratio Lower Upper
248 100
250 97.3 77.0 115.4
141 72.8 58.5 87.7



#68
Hexachlorobenzene
Concen: 44.586 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:284 Resp: 507503
Ion Ratio Lower Upper
284 100
142 31.0 23.6 35.4
249 30.7 24.3 36.5

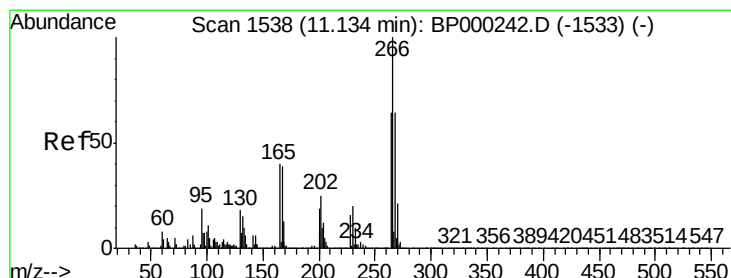
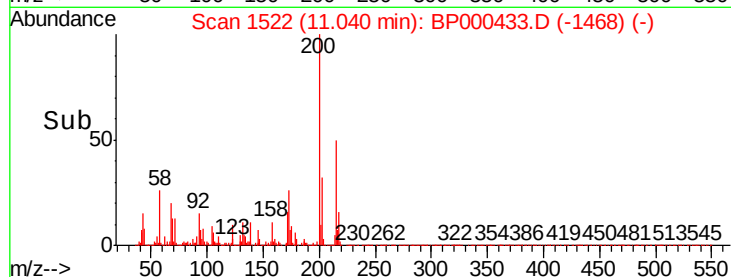
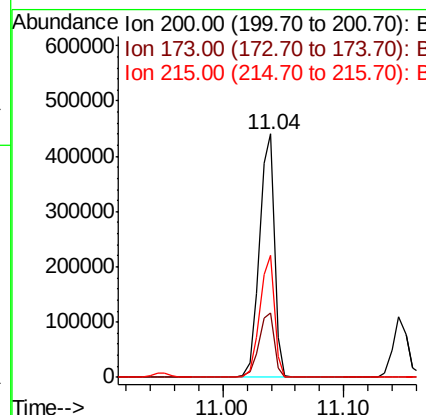
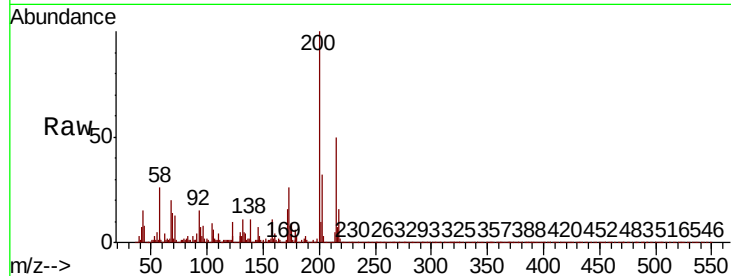




#69
Atrazine
Concen: Below Cal
RT: 11.04 min Scan# 1522
Delta R.T. 0.02 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

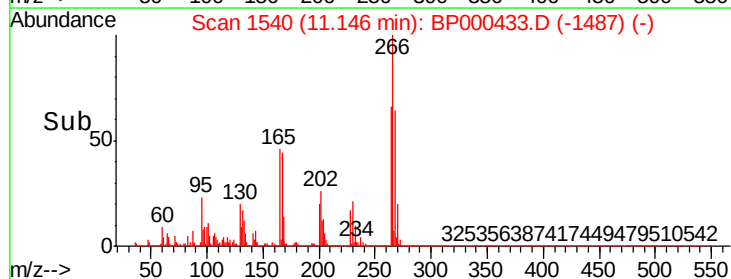
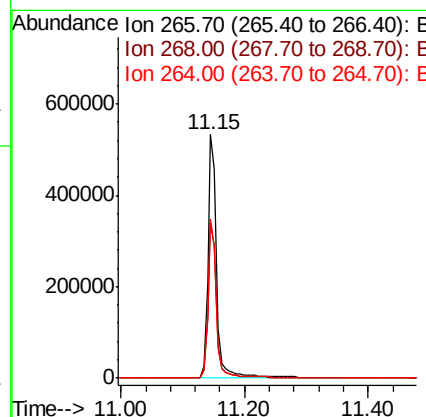
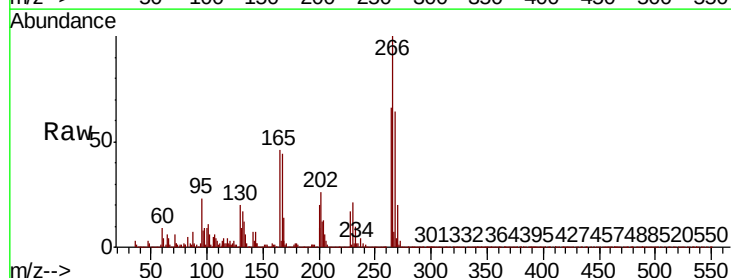
Instrument :
BNA_P
ClientSampled :

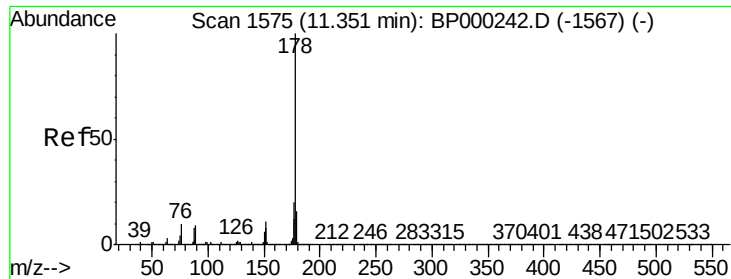
Tot Ion:200 Resp: 383972
Ion Ratio Lower Upper
200 100
173 26.4 7.6 47.6
215 50.2 28.6 68.6



#70
Pentachlorophenol
Concen: 86.251 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:266 Resp: 534702
Ion Ratio Lower Upper
266 100
268 63.7 51.6 77.4
264 65.6 50.8 76.2





#71

Phenanthrene

Concen: 50.280 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampleId :

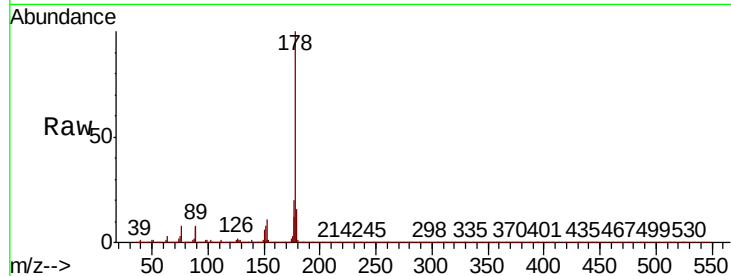
Tot Ion:178 Resp: 2319944

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.9	12.7	19.1

178 100

176 20.1 15.8 23.8

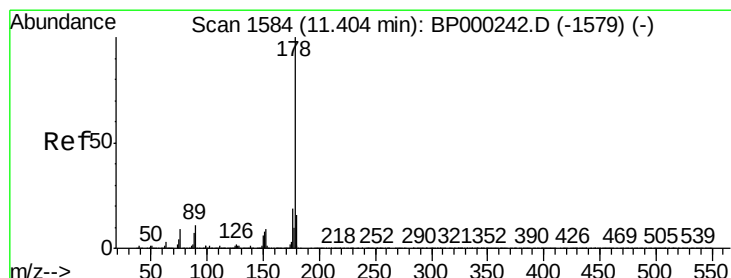
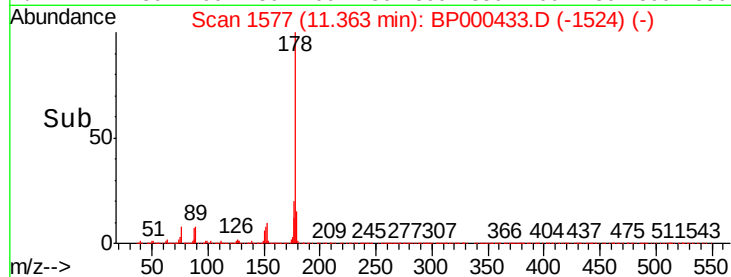
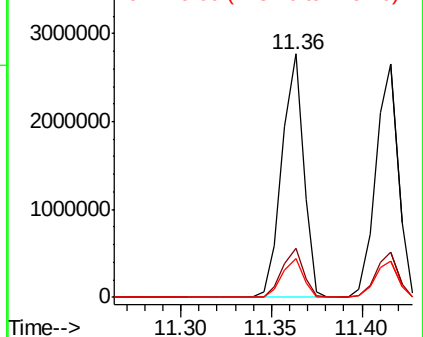
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.191 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

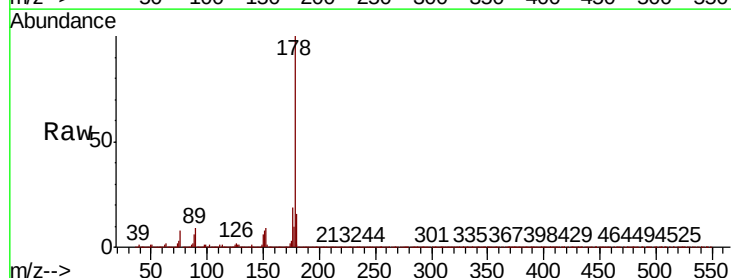
Tgt Ion:178 Resp: 2288742

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	15.8	12.7	19.1

178 100

176 19.5 15.4 23.0

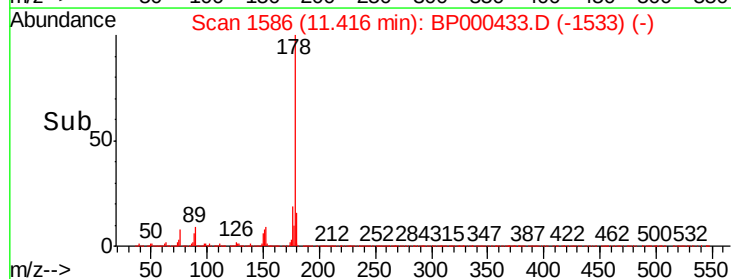
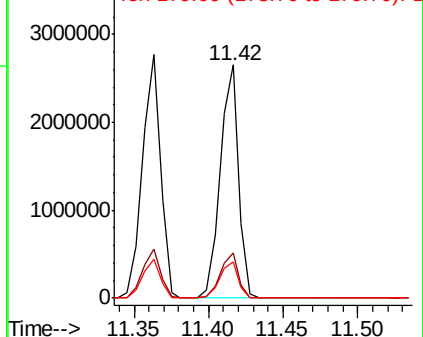
179 15.8 12.7 19.1

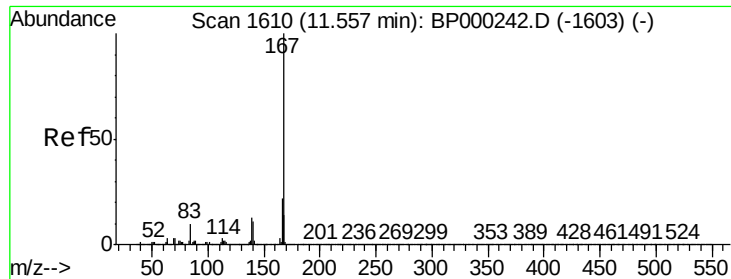


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

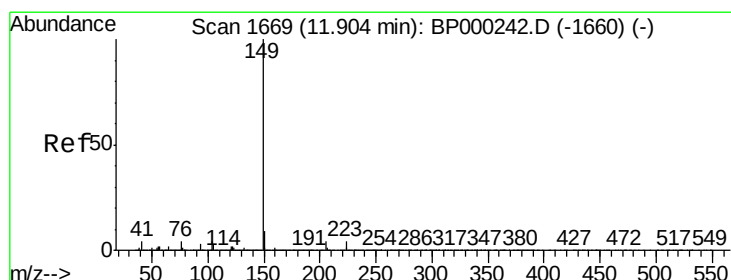
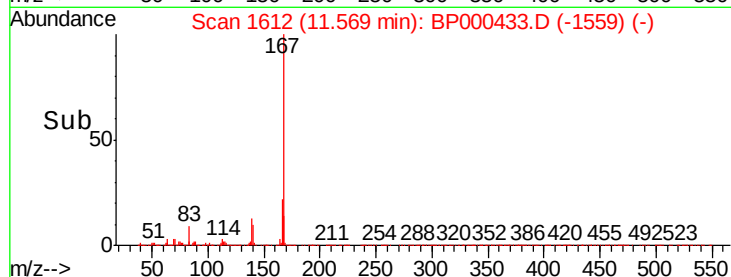
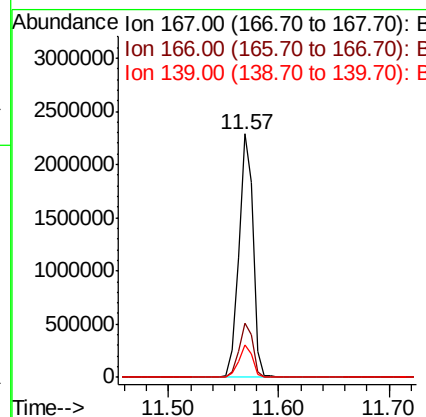
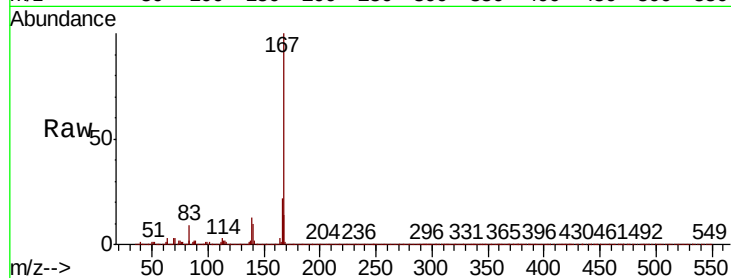




#73
 Carbazole
 Concen: 48.062 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BP000433.D
 Acq: 26 Sep 2019 19:35

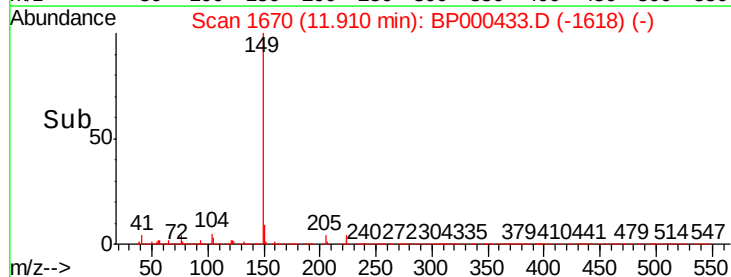
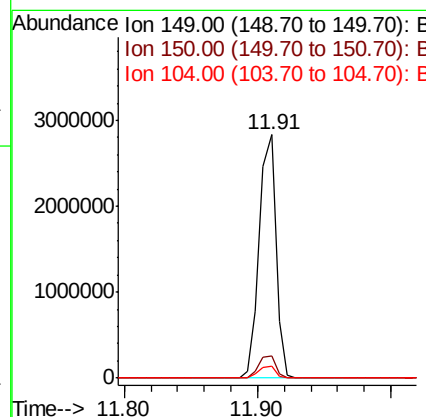
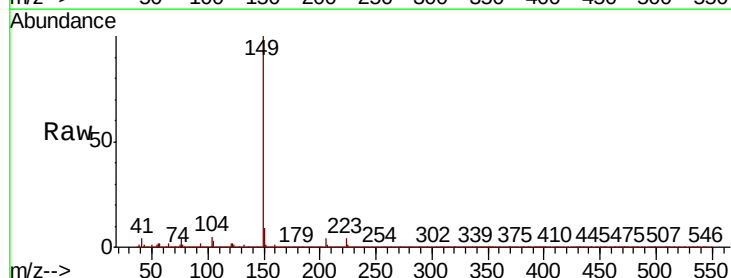
Instrument :
 BNA_P
 ClientSampleId :

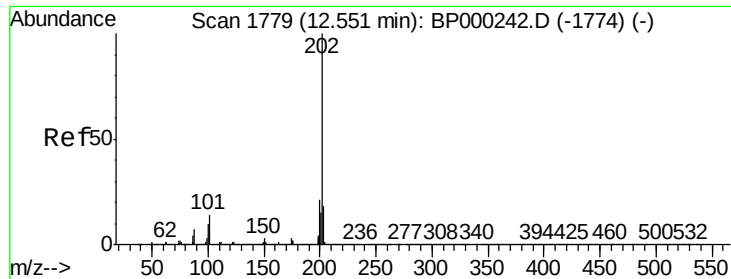
Tot Ion:167 Resp: 2055650
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 44.761 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.01 min
 Lab File: BP000433.D
 Acq: 26 Sep 2019 19:35

Tgt Ion:149 Resp: 2423275
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.7 3.5 5.3





#75

Fluoranthene

Concen: 53.795 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampleId :

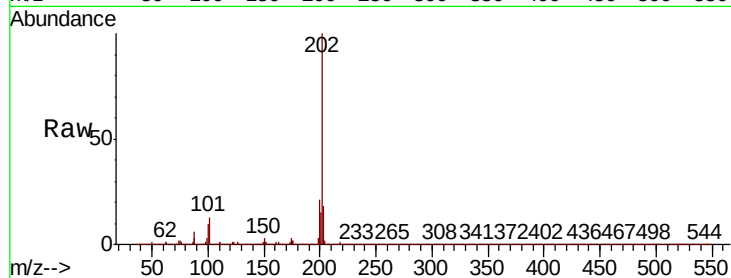
Tot Ion:202 Resp: 2665239

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.9

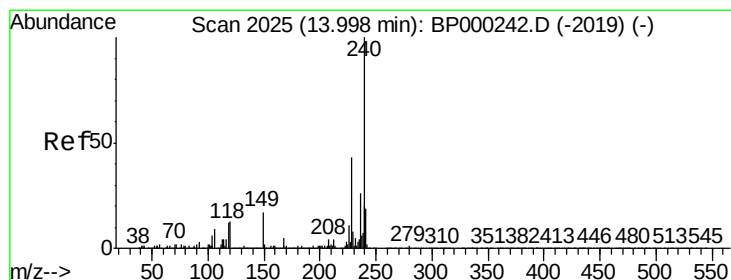
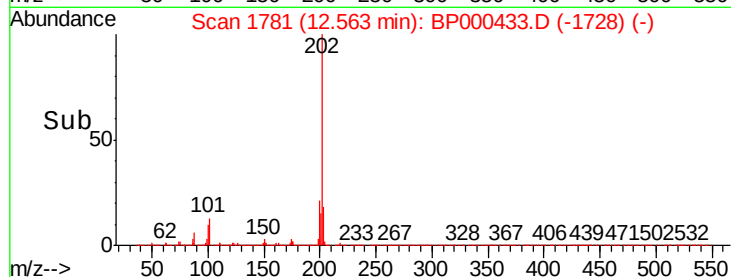
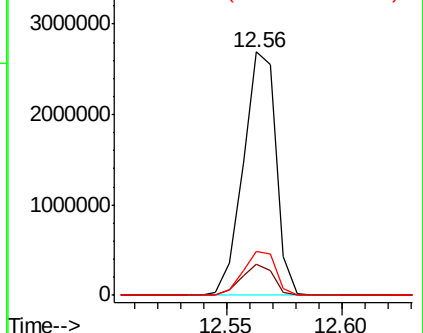
203 18.2 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

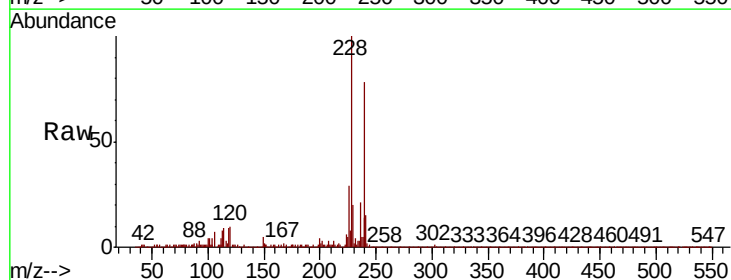
Tgt Ion:240 Resp: 662718

Ion Ratio Lower Upper

240 100

120 13.0 10.4 15.6

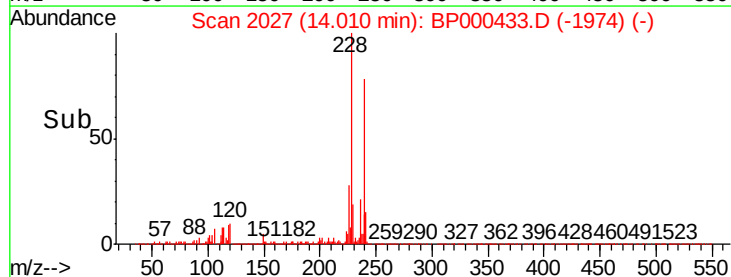
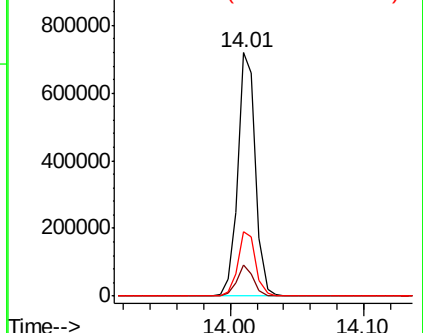
236 26.3 21.0 31.6

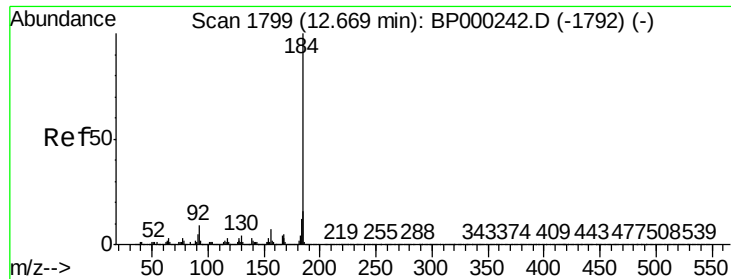


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

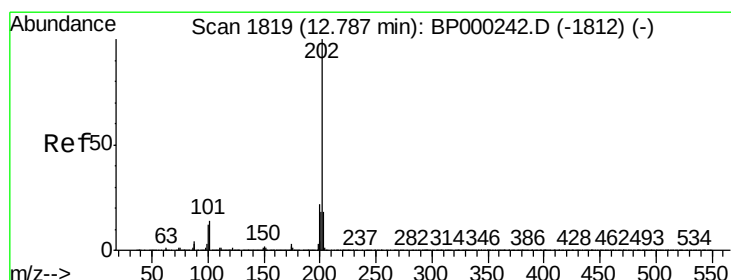
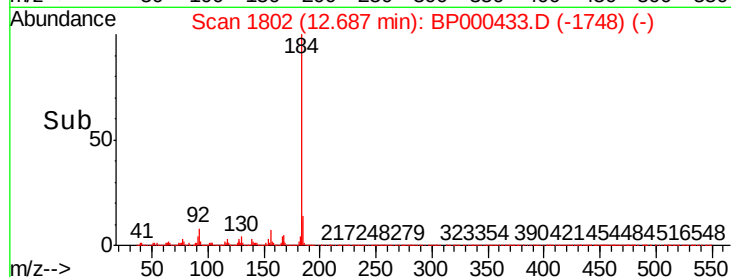
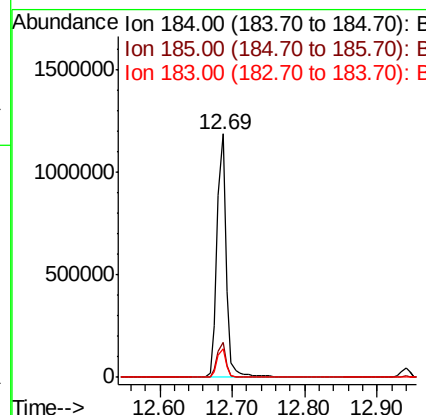
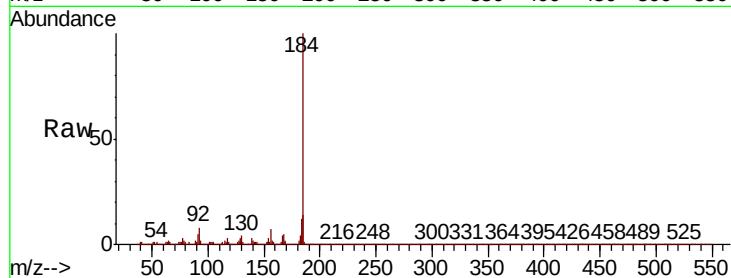




#77
Benzidine
Concen: 44.619 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.02 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

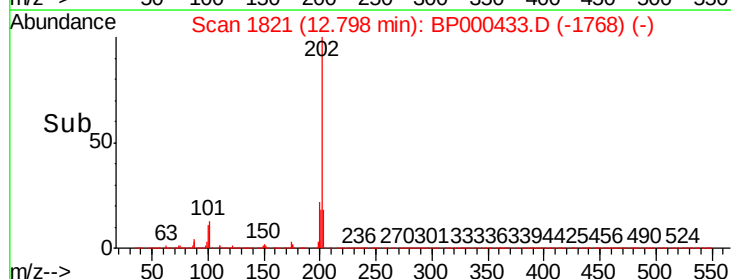
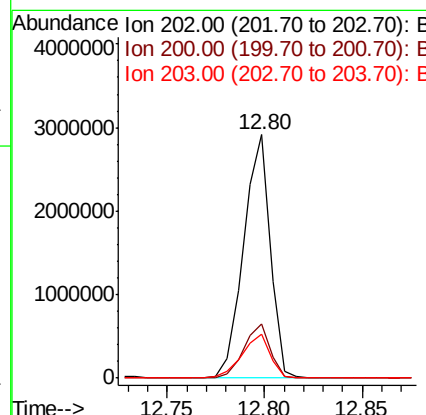
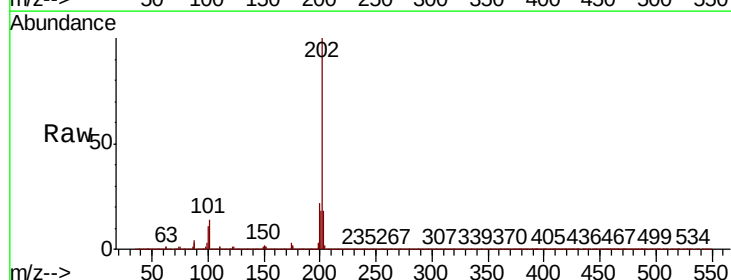
Instrument :
BNA_P
ClientSampleId :

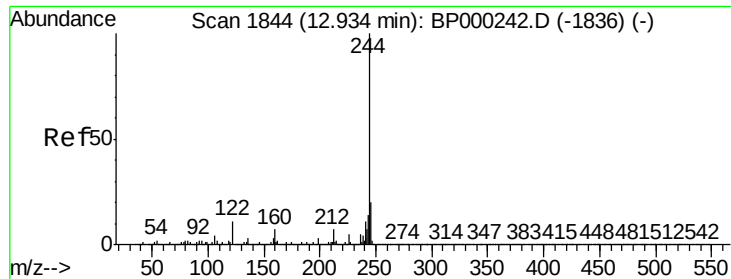
Tot Ion:184 Resp: 1056067
Ion Ratio Lower Upper
184 100
185 14.2 12.7 19.1
183 11.9 9.5 14.3



#78
Pyrene
Concen: 55.514 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:202 Resp: 2752529
Ion Ratio Lower Upper
202 100
200 22.4 17.5 26.3
203 18.0 14.3 21.5

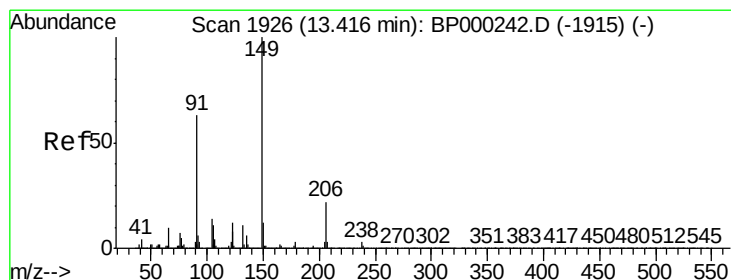
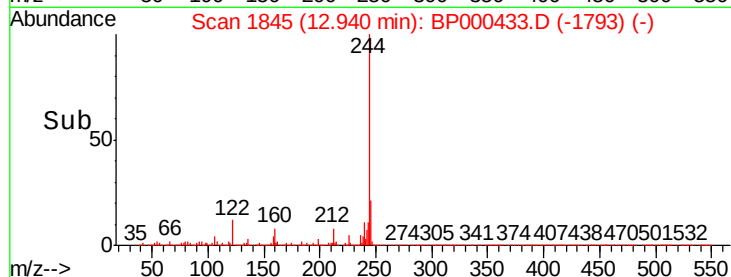
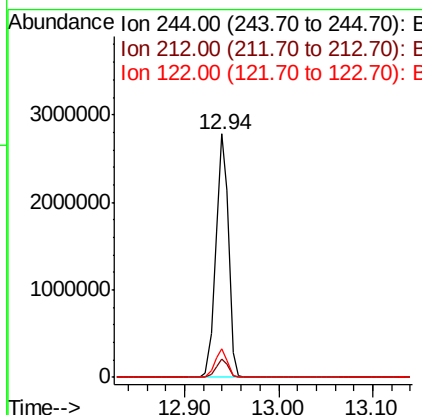
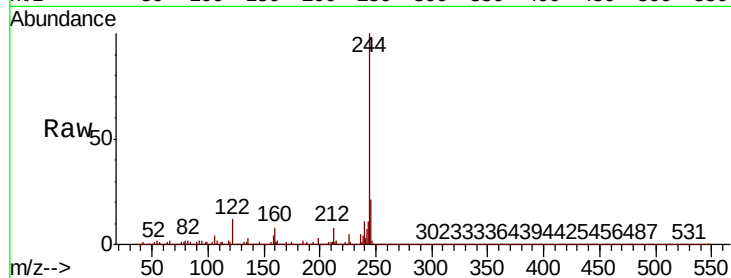




#79
 Terphenyl-d14
 Concen: 83.821 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. 0.01 min
 Lab File: BP000433.D
 Acq: 26 Sep 2019 19:35

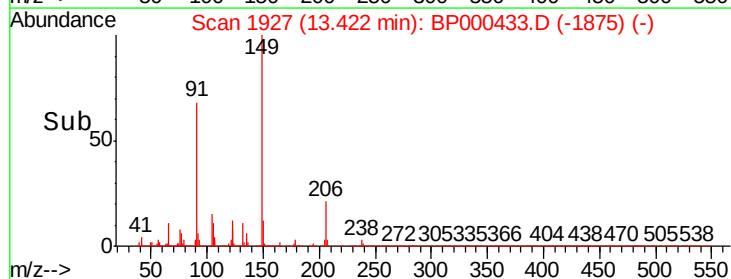
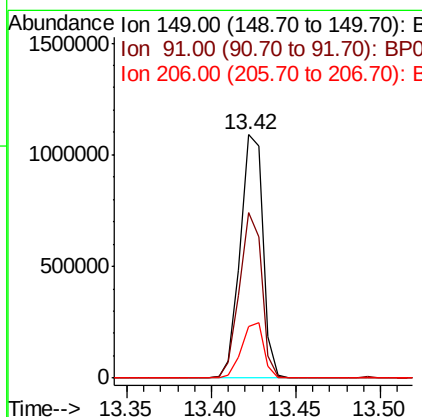
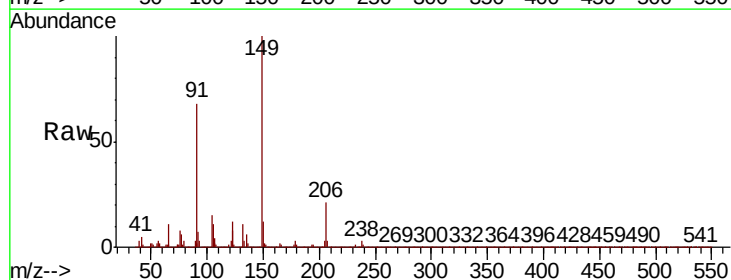
Instrument :
 BNA_P
 ClientSampleId :

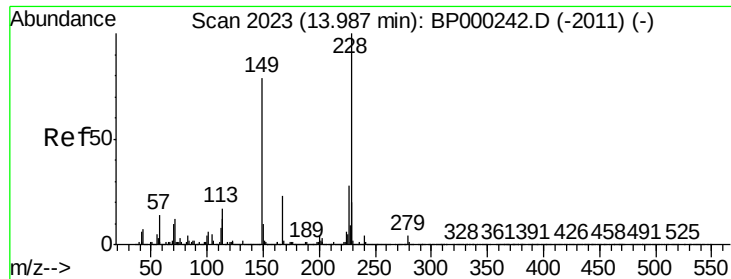
Tot Ion:244 Resp: 2647951
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 11.8 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 44.823 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. 0.01 min
 Lab File: BP000433.D
 Acq: 26 Sep 2019 19:35

Tgt Ion:149 Resp: 1021190
 Ion Ratio Lower Upper
 149 100
 91 68.3 50.6 76.0
 206 21.0 17.8 26.6





#81

Benzo(a)anthracene

Concen: 52.794 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.02 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampleId :

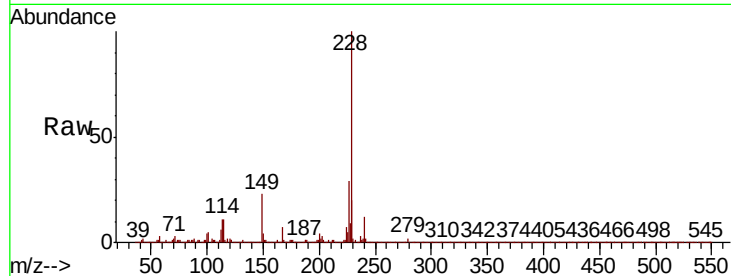
Tot Ion:228 Resp: 2210055

Ion Ratio Lower Upper

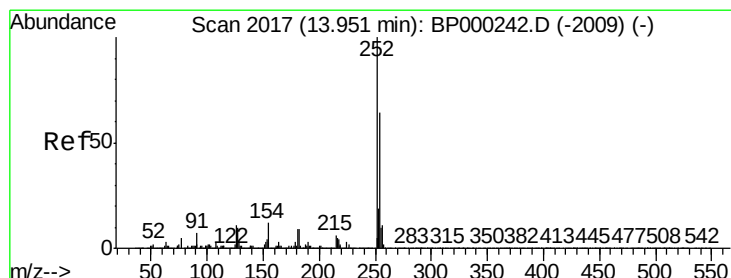
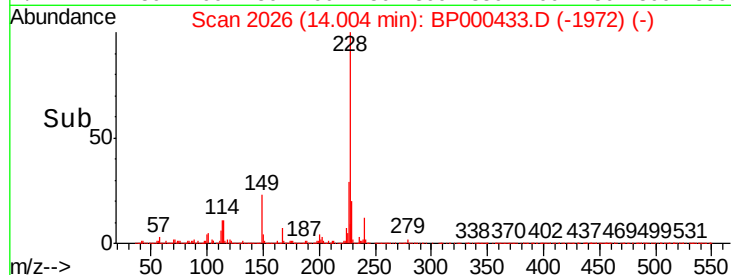
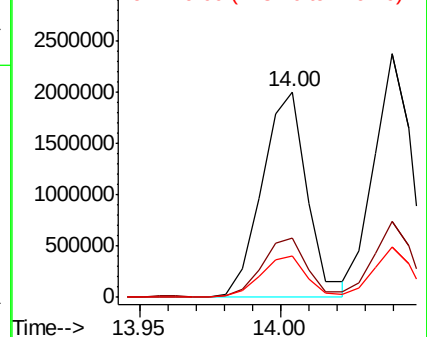
228 100

226 29.0 22.2 33.4

229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.699 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

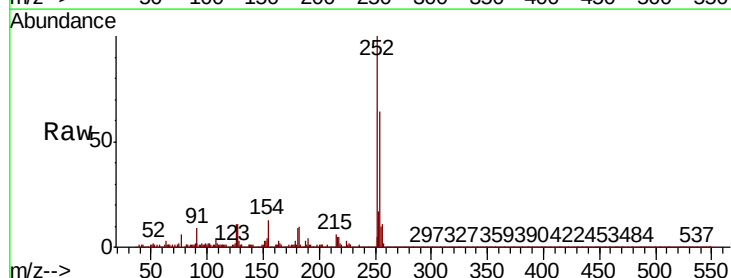
Tgt Ion:252 Resp: 634248

Ion Ratio Lower Upper

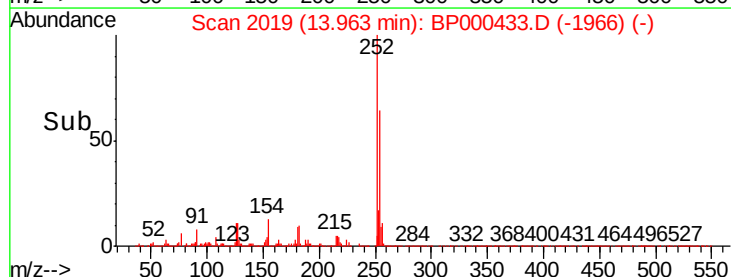
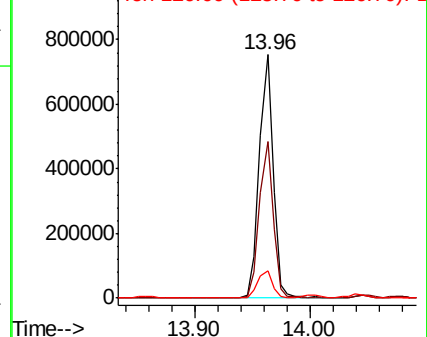
252 100

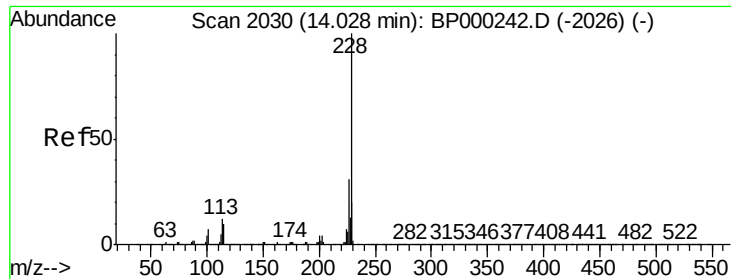
254 64.3 51.5 77.3

126 11.0 8.4 12.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

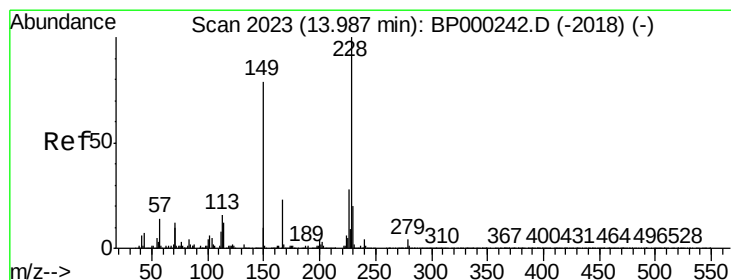
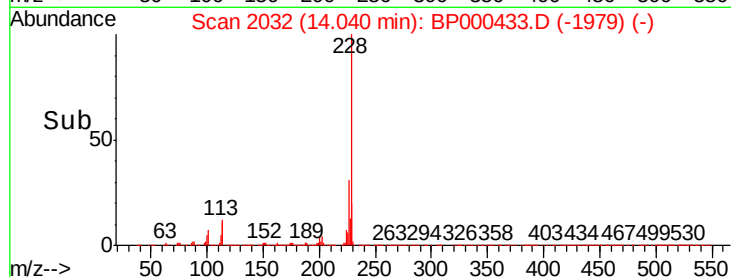
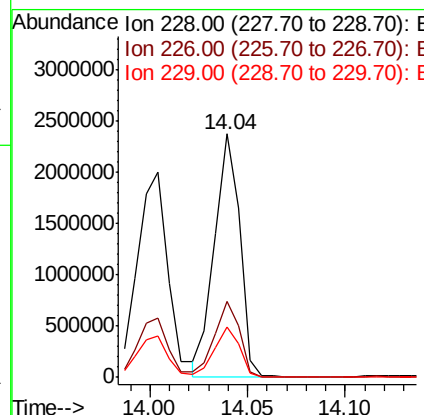
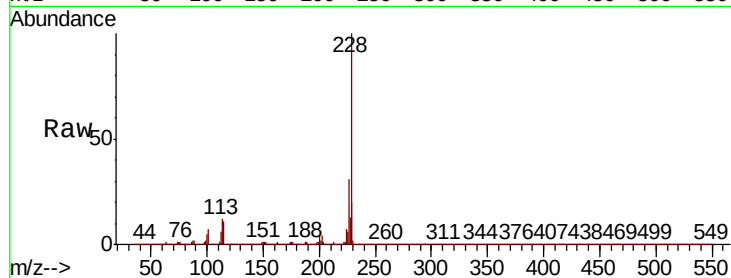




#83
 Chrysene
 Concen: 51.891 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BP000433.D
 Acq: 26 Sep 2019 19:35

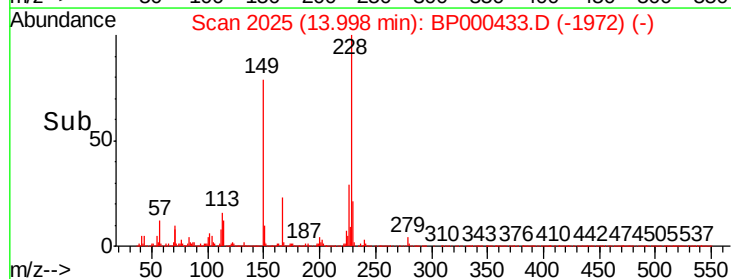
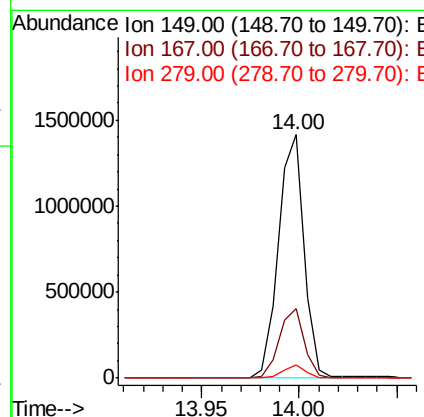
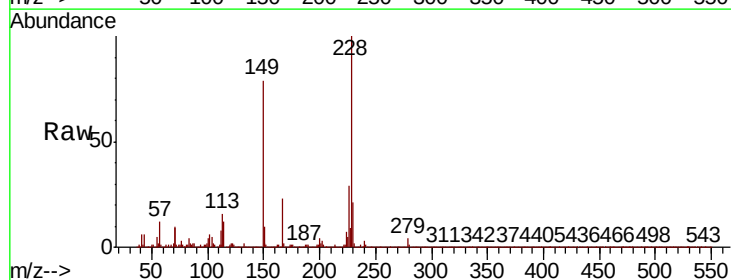
Instrument :
 BNA_P
 ClientSampled :

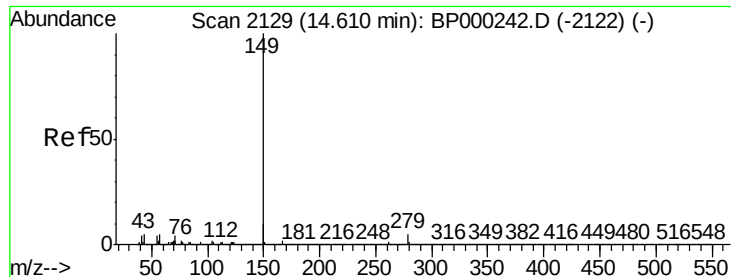
Tot Ion:228 Resp: 2132873
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.5 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.681 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BP000433.D
 Acq: 26 Sep 2019 19:35

Tgt Ion:149 Resp: 1276681
 Ion Ratio Lower Upper
 149 100
 167 28.8 23.0 34.4
 279 5.3 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 44.288 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampleId :

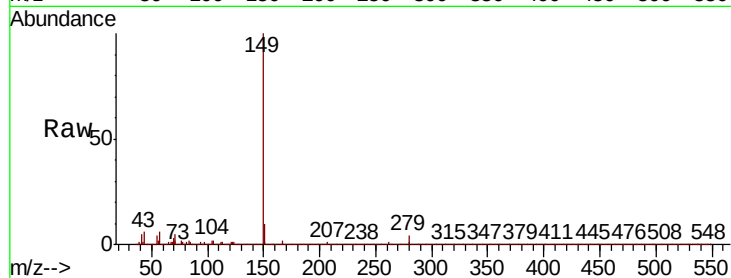
Tot Ion:149 Resp: 2244902

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

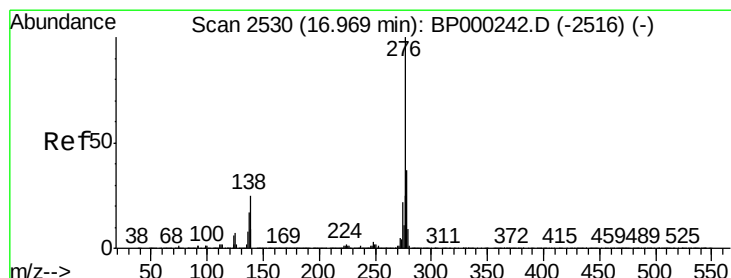
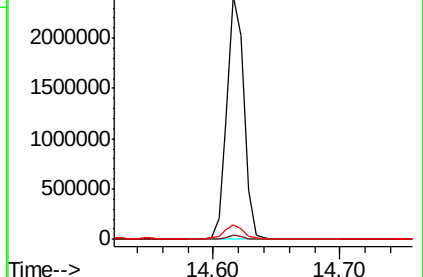
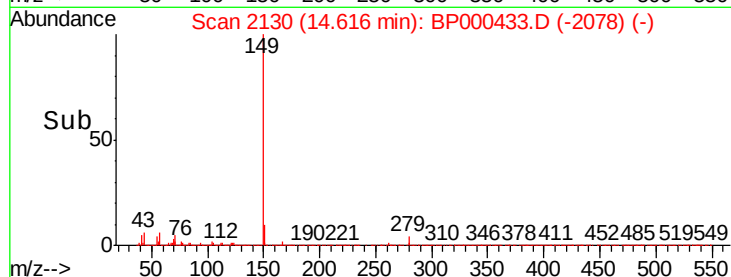
43 5.7 5.0 7.6



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: 25.325 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.04 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

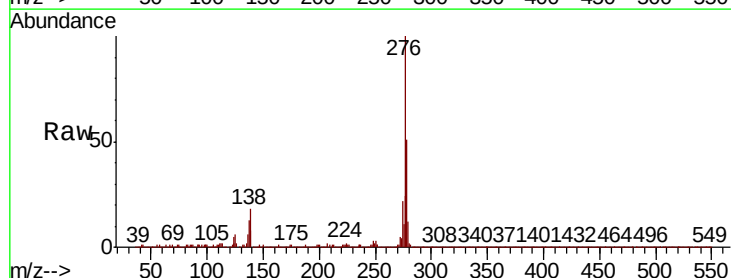
Tgt Ion:276 Resp: 1268807

Ion Ratio Lower Upper

276 100

138 19.2 22.6 33.8#

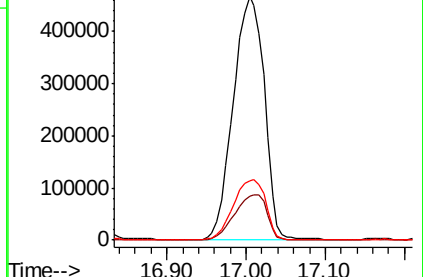
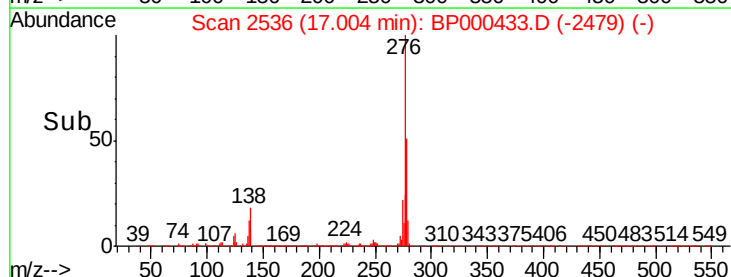
277 25.7 20.4 30.6

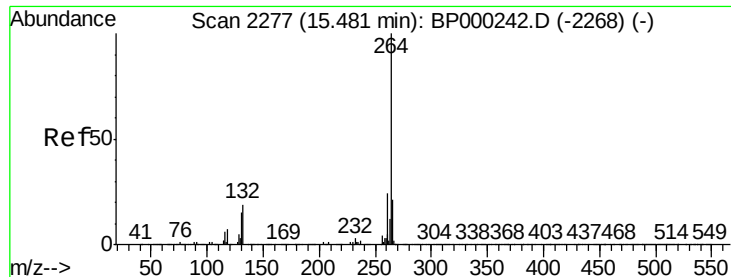


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.50 min Scan# 2281

Delta R.T. 0.02 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

Instrument :

BNA_P

ClientSampleId :

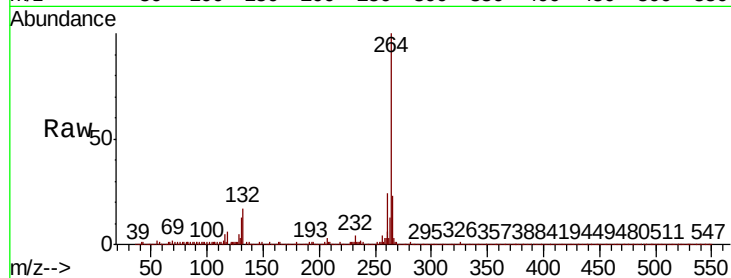
Tot Ion:264 Resp: 690891

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

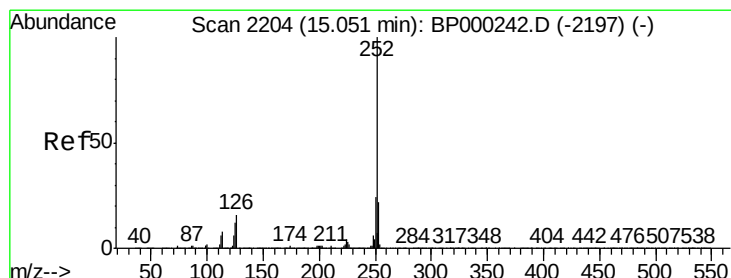
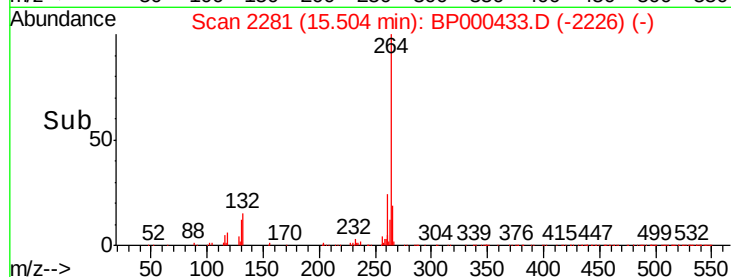
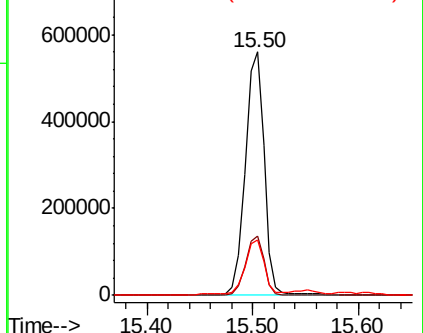
265 22.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 59.816 ng

RT: 15.07 min Scan# 2208

Delta R.T. 0.02 min

Lab File: BP000433.D

Acq: 26 Sep 2019 19:35

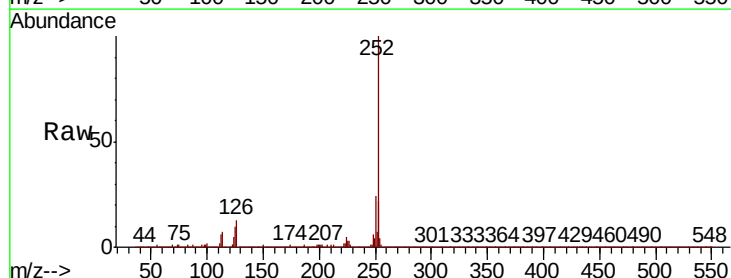
Tgt Ion:252 Resp: 2465360

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

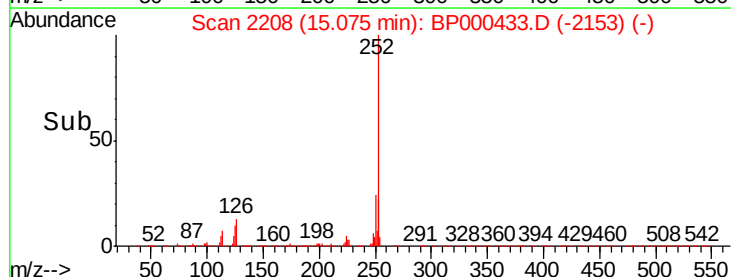
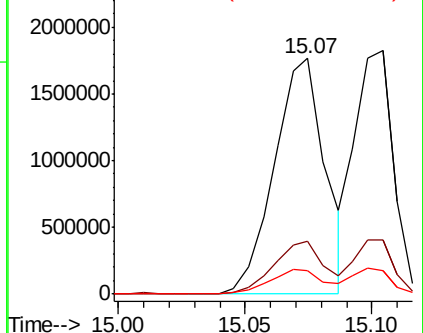
125 10.0 9.5 14.3

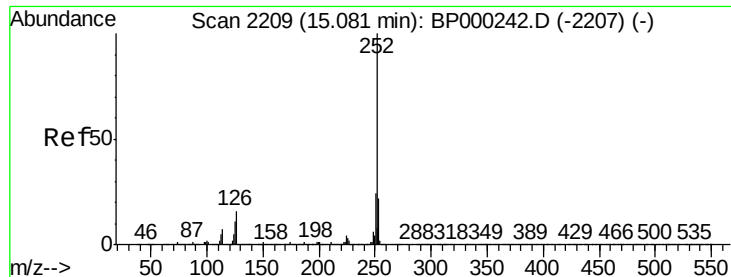


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

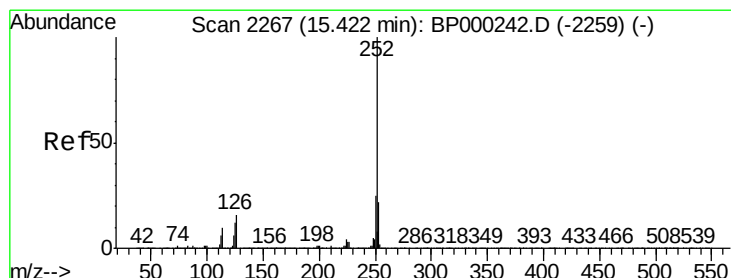
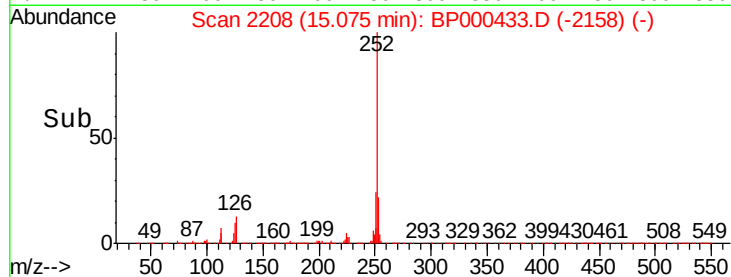
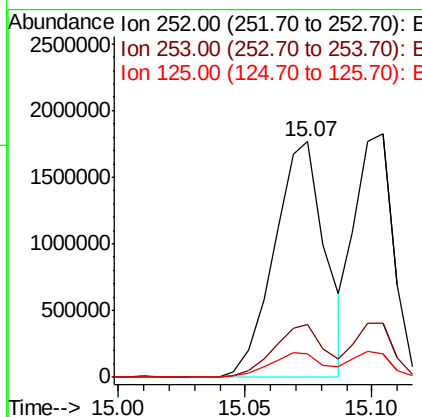
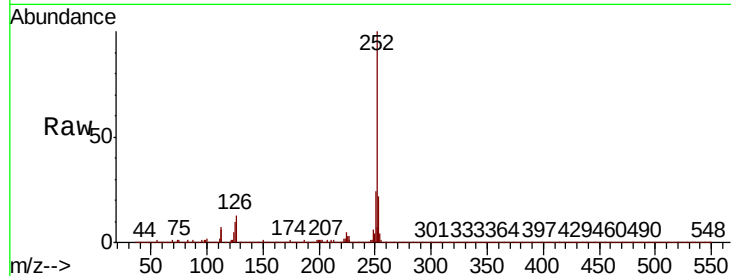




#89
Benzo(k)fluoranthene
Concen: 68.573 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

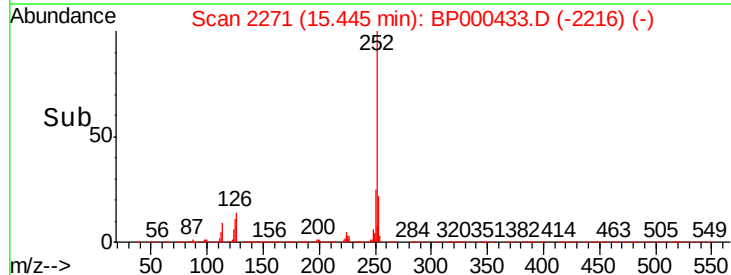
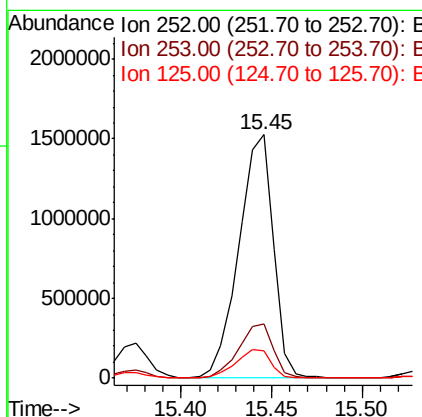
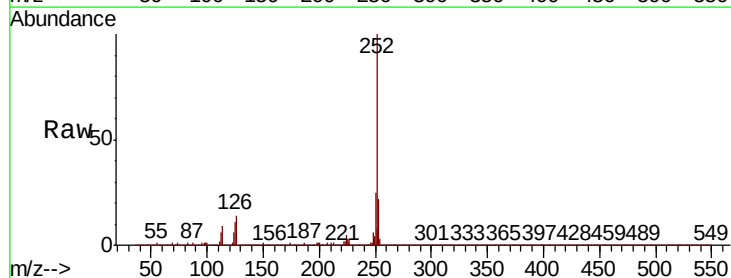
Instrument :
BNA_P
ClientSampled :

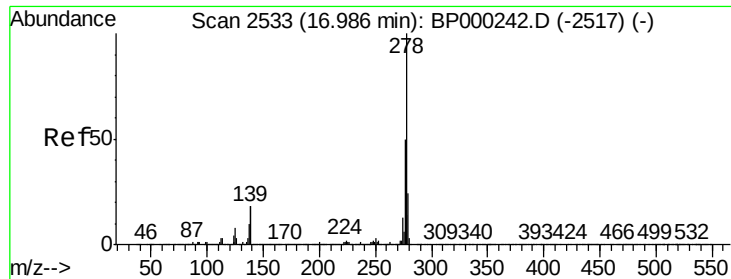
Tot Ion:252 Resp: 2465360
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 10.0 9.6 14.4



#90
Benzo(a)pyrene
Concen: 53.773 ng
RT: 15.45 min Scan# 2271
Delta R.T. 0.02 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:252 Resp: 2016672
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 11.0 10.0 15.0



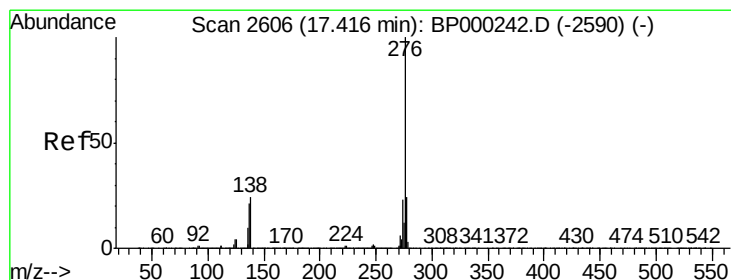
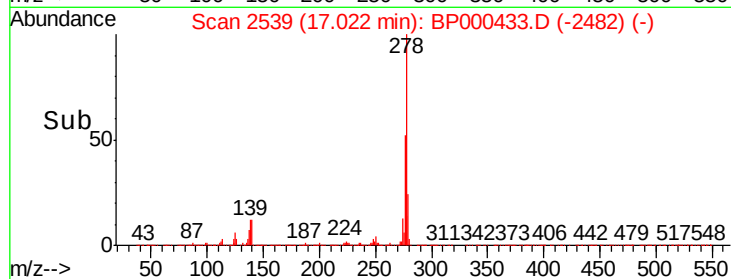
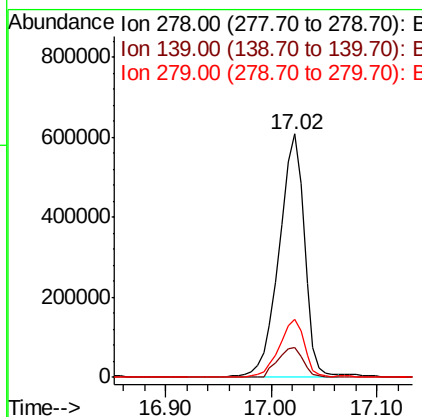
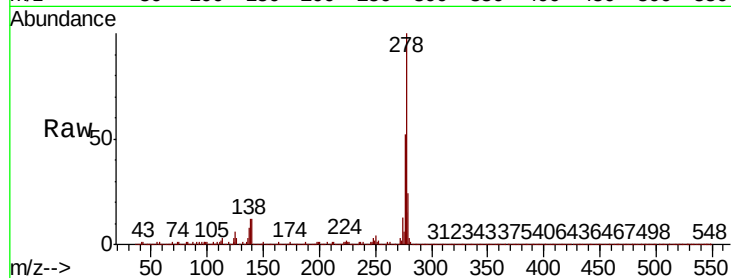


#91
Dibenzo(a,h)anthracene
Concen: 28.754 ng
RT: 17.02 min Scan# 2539
Delta R.T. 0.04 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1005405

Ion	Ratio	Lower	Upper
278	100		
139	12.3	14.5	21.7#
279	23.8	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 28.330 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.04 min
Lab File: BP000433.D
Acq: 26 Sep 2019 19:35

Tgt Ion:276 Resp: 1018198

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	16.8	19.5	29.3#

