

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
 Data File : BP000368.D
 Acq On : 23 Sep 2019 18:15
 Operator : HP/JU
 Sample : PB123244BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 24 04:21:26 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	220879	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	819409	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	453367	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	864961	20.00	ng	0.00
76) Chrysene-d12	14.00	240	690896	20.00	ng	0.00
87) Perylene-d12	15.47	264	851565	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1075180	84.03	ng	0.01
7) Phenol-d6	6.43	99	1358001	86.59	ng	0.00
23) Nitrobenzene-d5	7.35	82	1104437	86.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	478643	106.44	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2396671	95.14	ng	0.00
79) Terphenyl-d14	12.93	244	3026431	91.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	275734	47.757	ng	99
3) Pyridine	3.29	79	529603	34.073	ng	99
4) n-Nitrosodimethylamine	3.23	42	187577	42.798	ng	100
6) Aniline	6.45	93	604406	27.951	ng	96
8) 2-Chlorophenol	6.58	128	574422	41.693	ng	98
9) Benzaldehyde	6.34	77	365864	43.865	ng	94
10) Phenol	6.44	94	677764	38.036	ng	88
11) bis(2-Chloroethyl)ether	6.52	93	512338	37.547	ng	99
12) 1,3-Dichlorobenzene	6.73	146	638130	38.597	ng	99
13) 1,4-Dichlorobenzene	6.81	146	643314	39.108	ng	97
14) 1,2-Dichlorobenzene	6.96	146	597675	39.664	ng	100
15) Benzyl Alcohol	6.93	79	467742	40.982	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	452877	35.007	ng	96
17) 2-Methylphenol	7.05	107	472481	40.040	ng	98
18) Hexachloroethane	7.30	117	233433	38.347	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	316100	38.121	ng	99
20) 3+4-Methylphenols	7.20	107	575317	40.318	ng	95
22) Acetophenone	7.19	105	767578	43.226	ng	# 98
24) Nitrobenzene	7.37	77	541158	41.024	ng	99
25) Isophorone	7.61	82	1013164	40.288	ng	98
26) 2-Nitrophenol	7.69	139	306508	43.829	ng	97
27) 2,4-Dimethylphenol	7.73	122	507926	45.597	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	663173	39.649	ng	99
29) 2,4-Dichlorophenol	7.93	162	527080	44.148	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	580904	42.450	ng	100
31) Naphthalene	8.09	128	1638923	43.187	ng	99
32) Benzoic acid	7.83	122	244460	32.502	ng	99
33) 4-Chloroaniline	8.14	127	385207	22.429	ng	99
34) Hexachlorobutadiene	8.22	225	347467	42.854	ng	99
35) Caprolactam	8.50	113	138971	34.218	ng	91
36) 4-Chloro-3-methylphenol	8.63	107	525801	43.384	ng	98
37) 2-Methylnaphthalene	8.79	142	1129716	43.547	ng	99
38) 1-Methylnaphthalene	8.89	142	1054151	43.378	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	578009	44.591	ng	99

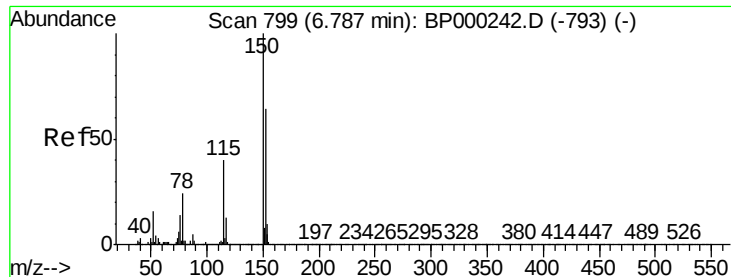
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
 Data File : BP000368.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	628772	84.472	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	388695	43.335	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	419793	45.707	ng	98
46) 1,1'-Biphenyl	9.25	154	1407493	44.877	ng	99
47) 2-Chloronaphthalene	9.28	162	1121825	42.640	ng	100
48) 2-Nitroaniline	9.37	65	269482	40.335	ng	98
49) Acenaphthylene	9.69	152	1756854	44.424	ng	100
50) Dimethylphthalate	9.55	163	1359589	44.016	ng	100
51) 2,6-Dinitrotoluene	9.62	165	311772	45.905	ng #	84
52) Acenaphthene	9.87	154	1040183	41.680	ng	99
53) 3-Nitroaniline	9.78	138	208957	26.506	ng	94
54) 2,4-Dinitrophenol	9.89	184	259554	86.502	ng	98
55) Dibenzofuran	10.04	168	1616115	45.808	ng	99
56) 4-Nitrophenol	9.95	139	473193	80.703	ng	94
57) 2,4-Dinitrotoluene	10.02	165	423491	47.697	ng	97
58) Fluorene	10.39	166	1212550	44.497	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	361250	47.800	ng	98
60) Diethylphthalate	10.26	149	1315256	44.264	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	649451	46.430	ng	100
62) 4-Nitroaniline	10.40	138	324189	41.809	ng	94
63) Azobenzene	10.54	77	1085779	43.131	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	186223	45.788	ng	95
66) n-Nitrosodiphenylamine	10.50	169	1129265	43.369	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	428644	43.824	ng	97
68) Hexachlorobenzene	10.95	284	457840	42.816	ng	99
69) Atrazine	11.03	200	373969	Below Cal		98
70) Pentachlorophenol	11.14	266	493395	84.720	ng	98
71) Phenanthrene	11.35	178	1915901	44.201	ng	100
72) Anthracene	11.40	178	1925591	43.159	ng	100
73) Carbazole	11.56	167	1787070	44.477	ng	100
74) Di-n-butylphthalate	11.90	149	2163641	42.543	ng	99
75) Fluoranthene	12.55	202	2170392	46.631	ng	97
77) Benzidine	12.67	184	987744	40.030	ng	98
78) Pyrene	12.78	202	2173473	42.048	ng	100
80) Butylbenzylphthalate	13.41	149	942918	39.699	ng	100
81) Benzo(a)anthracene	13.99	228	1865425	42.744	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	494999	28.222	ng	100
83) Chrysene	14.02	228	1826164	42.617	ng	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1206160	42.304	ng	99
85) Di-n-octyl phthalate	14.60	149	2224345	42.093	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2580820	49.411	ng	98
88) Benzo(b)fluoranthene	15.05	252	2149986	42.321	ng #	98
89) Benzo(k)fluoranthene	15.08	252	1811167	40.872	ng #	96
90) Benzo(a)pyrene	15.42	252	2144818	46.400	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	2104233	48.825	ng	98
92) Benzo(g,h,i)perylene	17.42	276	2215074	50.003	ng	98

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

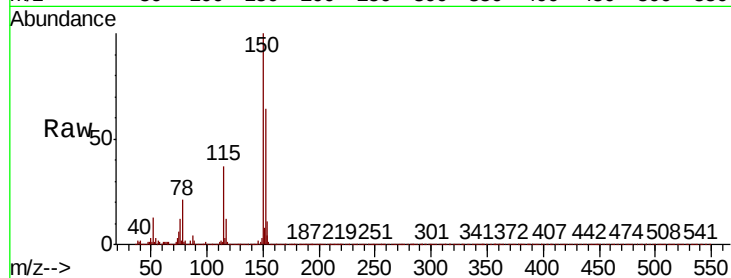


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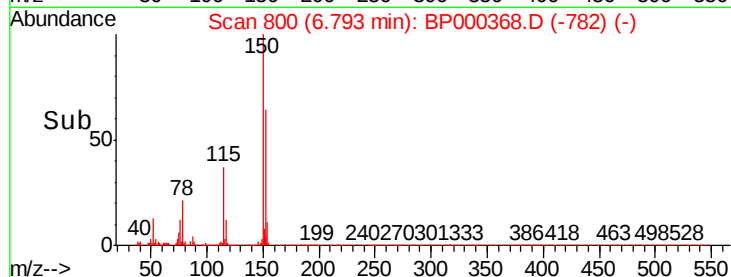
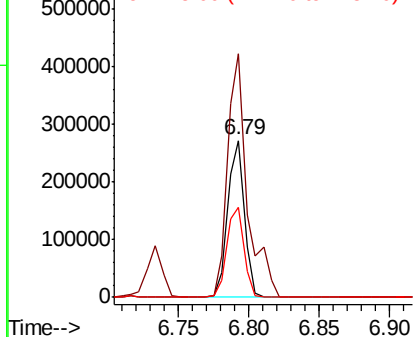
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.2	187.8
115	57.9	49.7	74.5



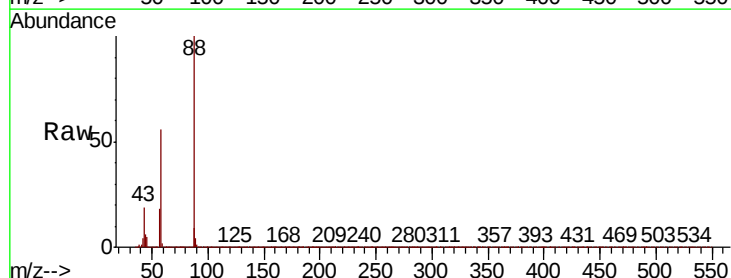
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



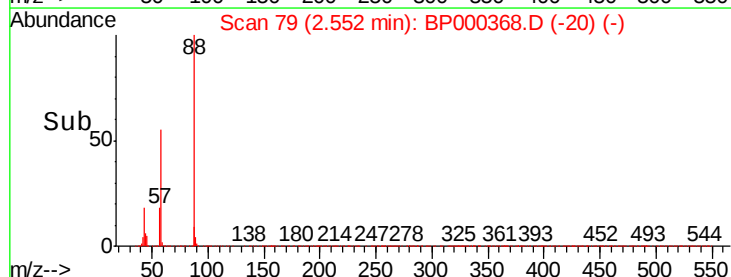
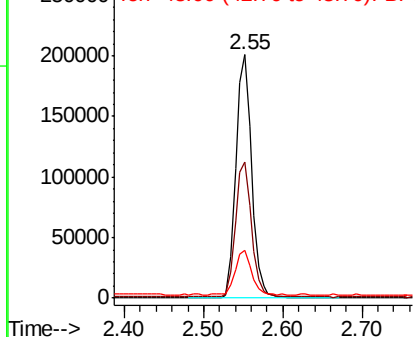
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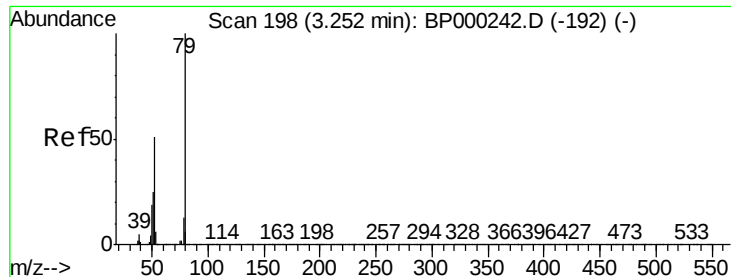
1,4-Dioxane
Concen: 47.757 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.05 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	45.4	68.2
43	18.4	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: 34.073 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.04 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

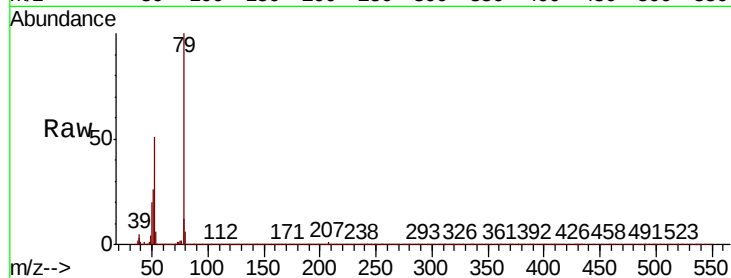
Tot Ion: 79 Resp: 529603

Ion Ratio Lower Upper

79 100

52 50.6 40.9 61.3

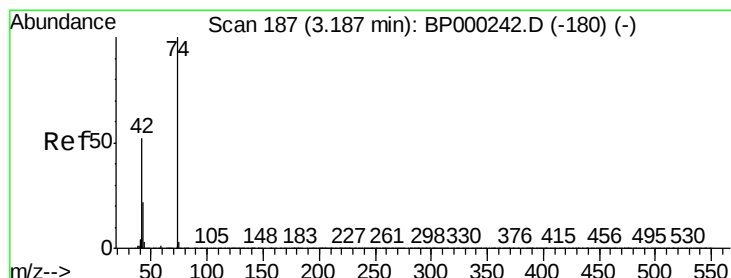
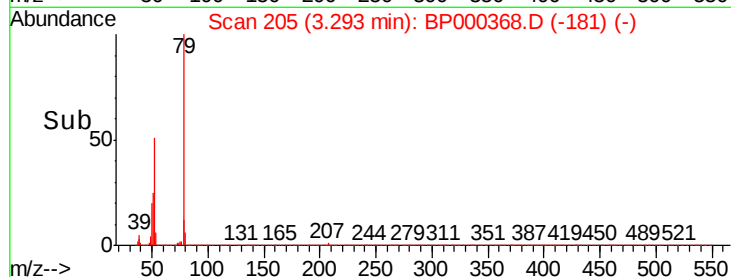
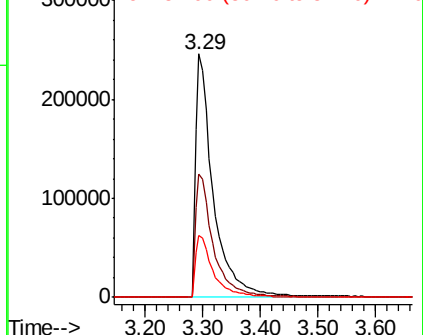
51 25.5 20.2 30.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 42.798 ng

RT: 3.23 min Scan# 195

Delta R.T. 0.05 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

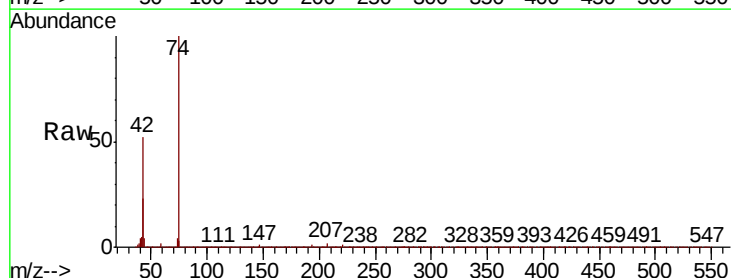
Tgt Ion: 42 Resp: 187577

Ion Ratio Lower Upper

42 100

74 192.9 154.5 231.7

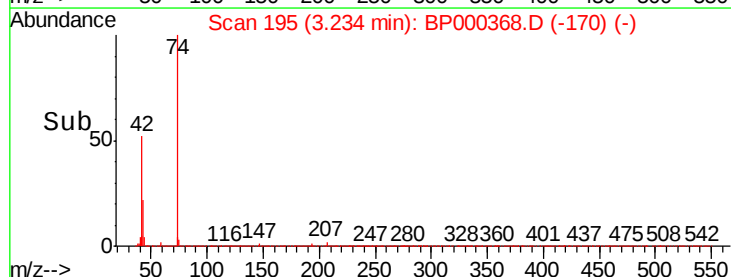
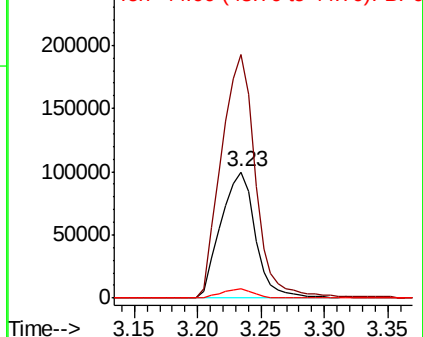
44 7.1 5.9 8.9

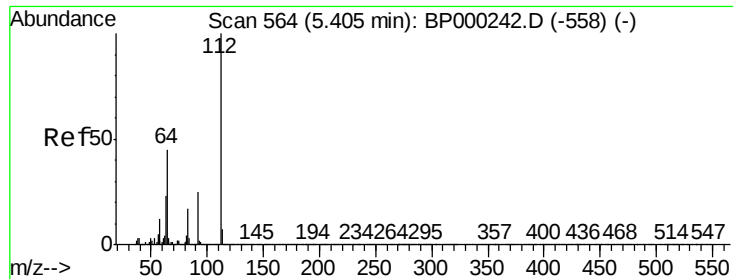


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 84.034 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

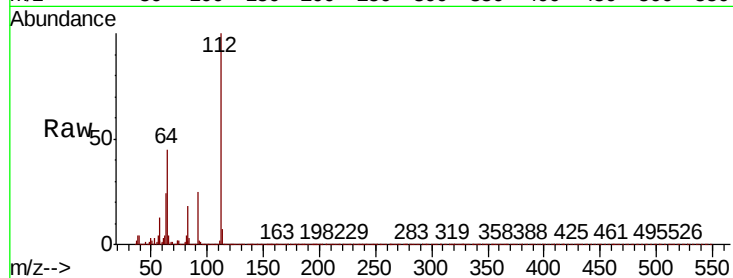
Tot Ion: 112 Resp: 1075180

Ion Ratio Lower Upper

112 100

64 45.3 36.2 54.4

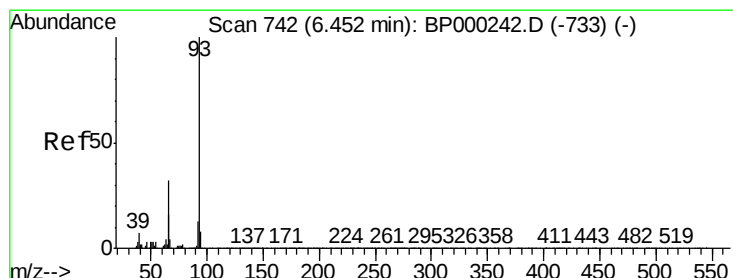
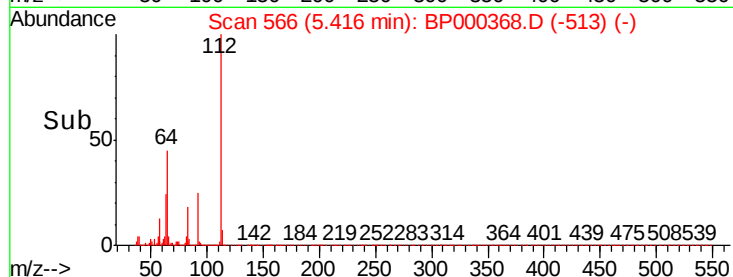
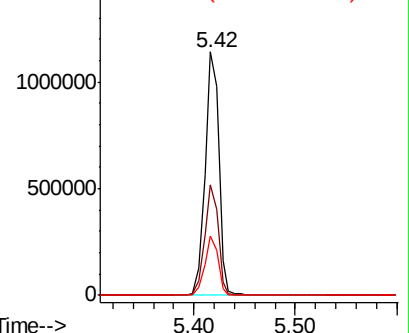
63 24.1 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 27.951 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

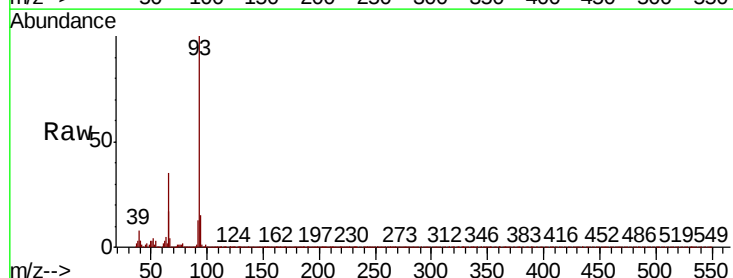
Tgt Ion: 93 Resp: 604406

Ion Ratio Lower Upper

93 100

66 34.8 26.2 39.2

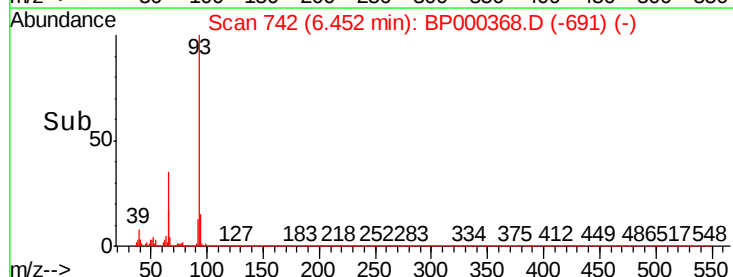
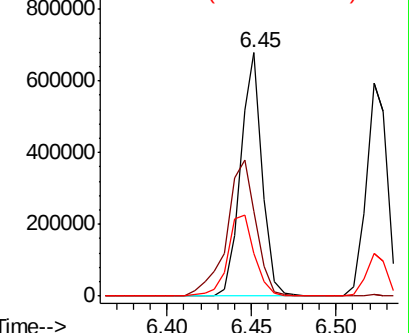
65 17.4 12.7 19.1

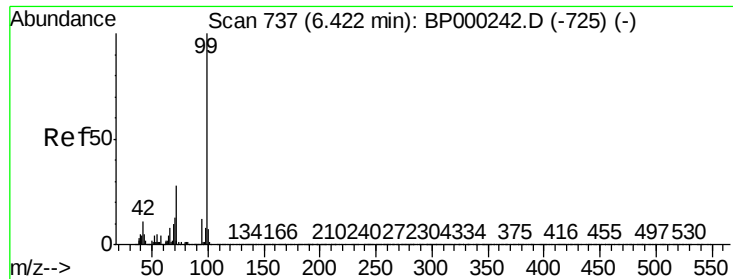


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 86.588 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

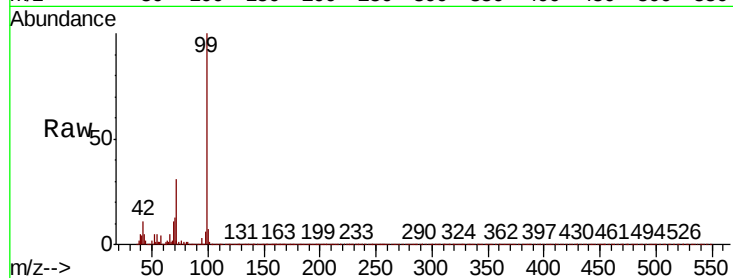
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1358001

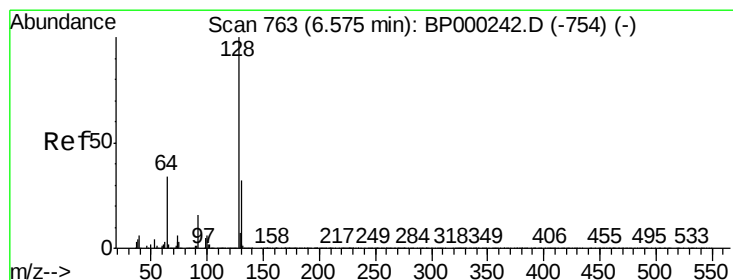
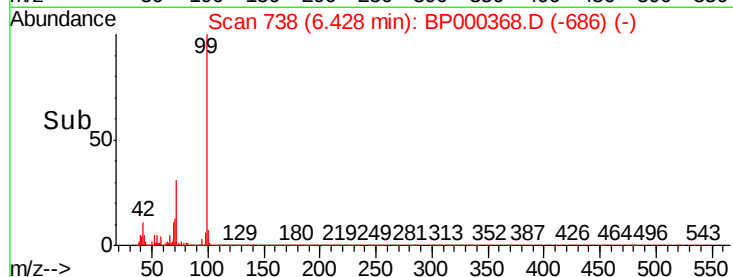
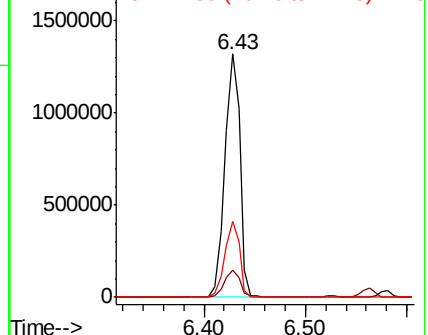
Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.5	12.7
71	31.3	22.6	34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 41.693 ng

RT: 6.58 min Scan# 764

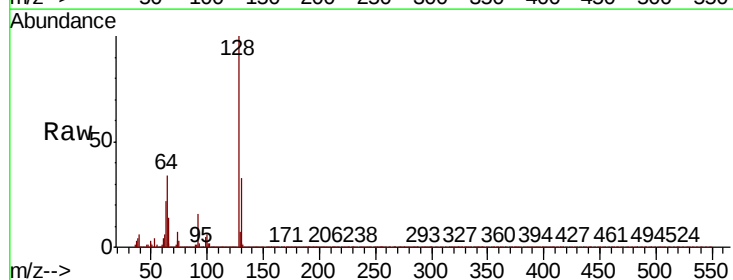
Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Tgt Ion: 128 Resp: 574422

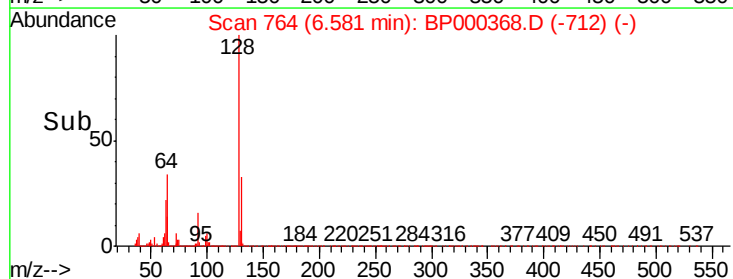
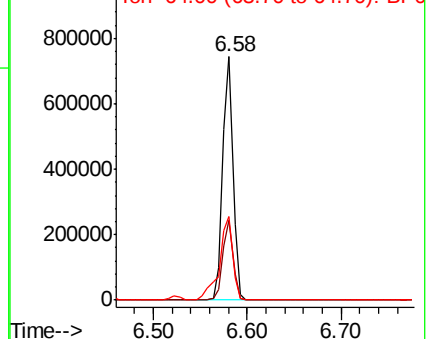
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	34.2	16.0	56.0

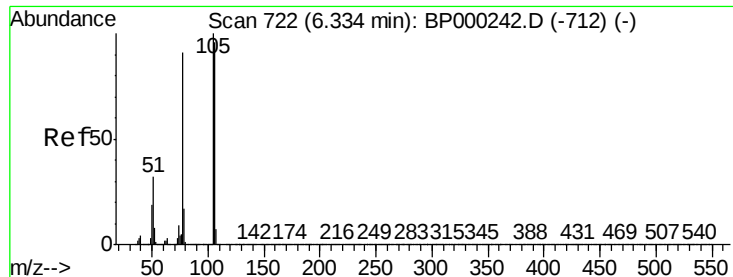


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 43.865 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

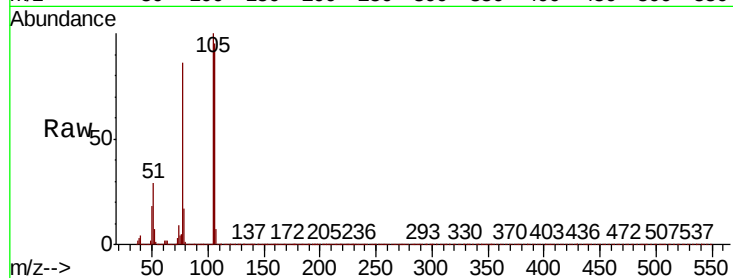
Tot Ion: 77 Resp: 365864

Ion Ratio Lower Upper

77 100

105 116.5 89.6 129.6

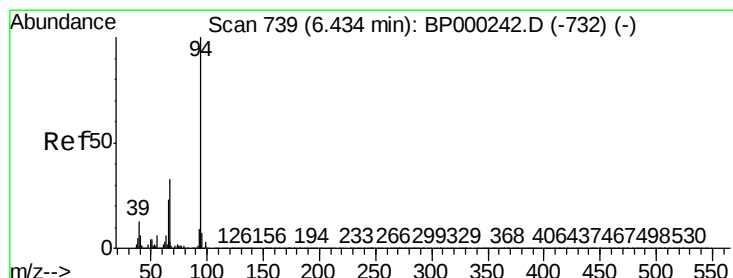
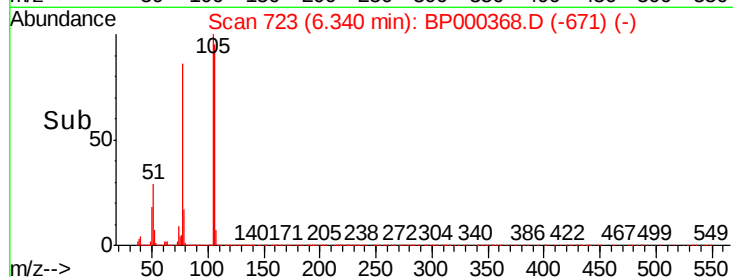
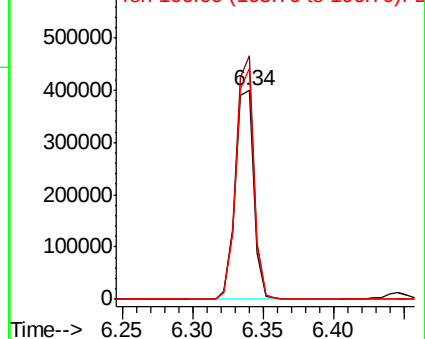
106 110.3 84.6 124.6



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: 38.036 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

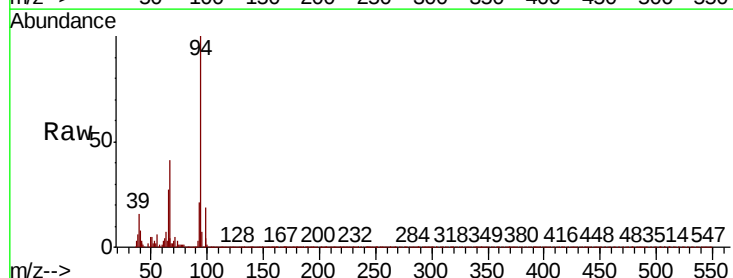
Tgt Ion: 94 Resp: 677764

Ion Ratio Lower Upper

94 100

65 26.8 3.3 43.3

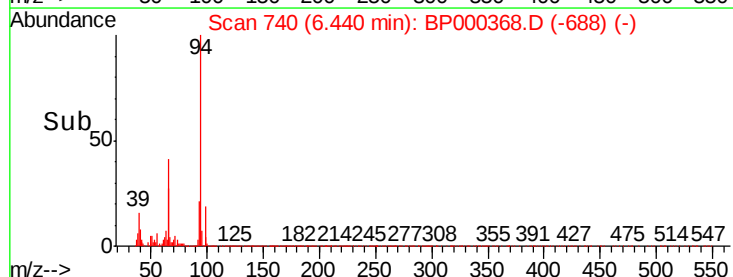
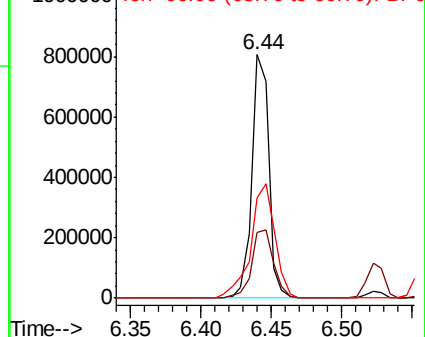
66 41.0 12.7 52.7



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

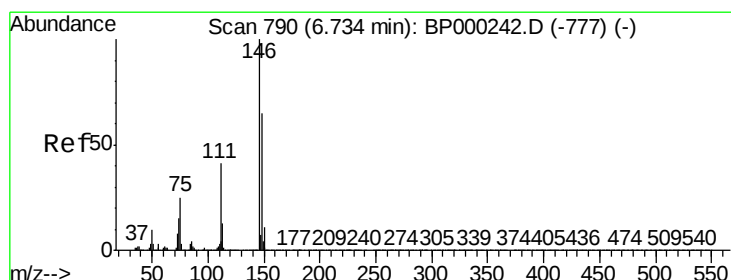
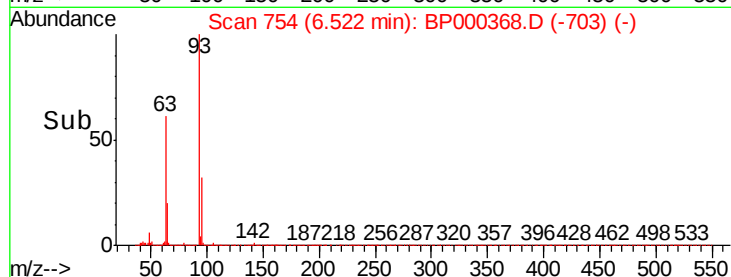
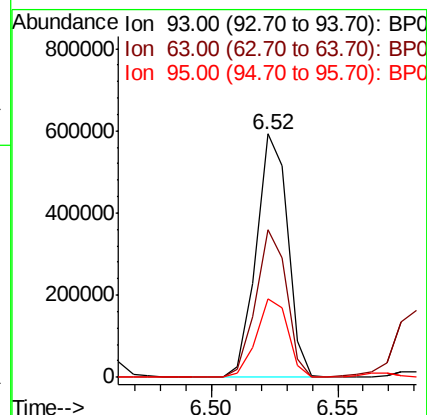
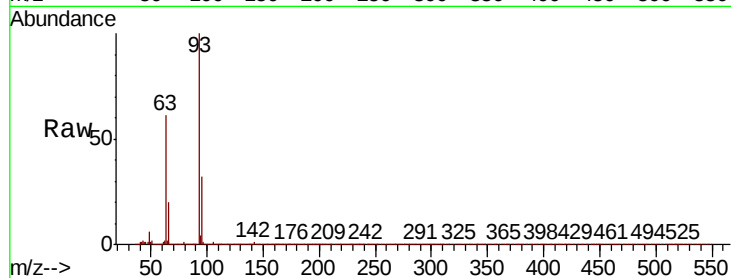




#11
bis(2-Chloroethyl)ether
Concen: 37.547 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

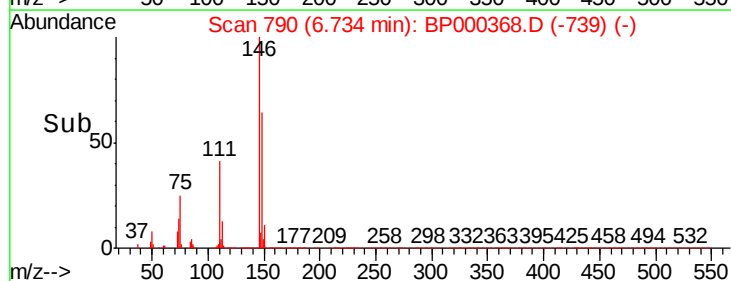
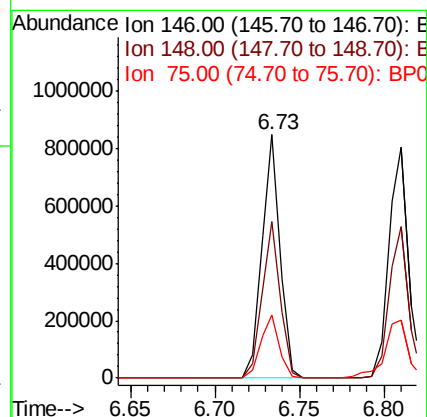
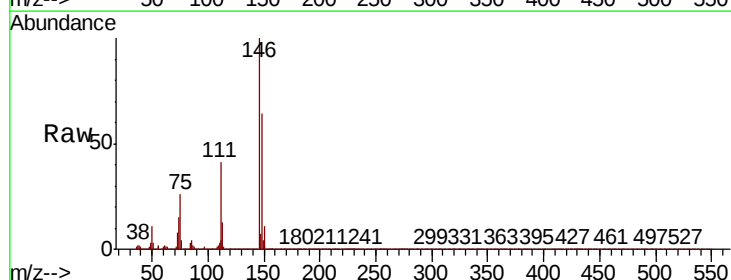
Instrument :
BNA_P
ClientSampleId :

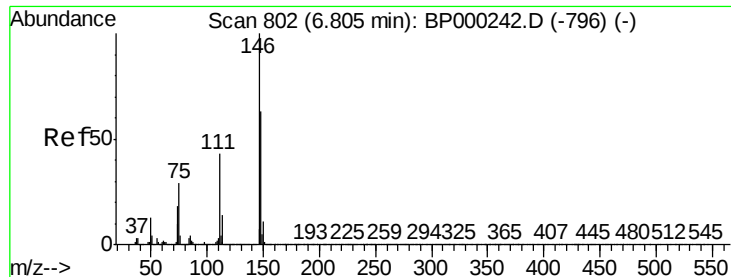
Tot Ion:	93	Resp:	512338
Ion	Ratio	Lower	Upper
93	100		
63	60.8	41.0	81.0
95	32.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 38.597 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:	146	Resp:	638130
Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
75	25.7	20.2	30.4

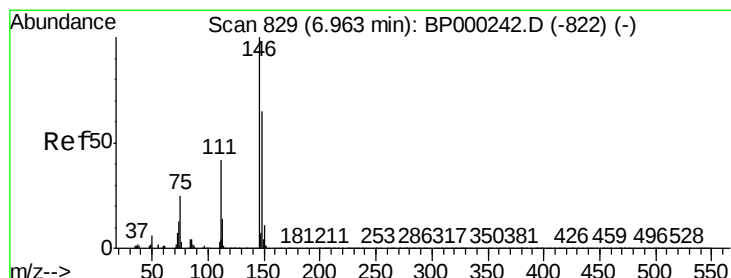
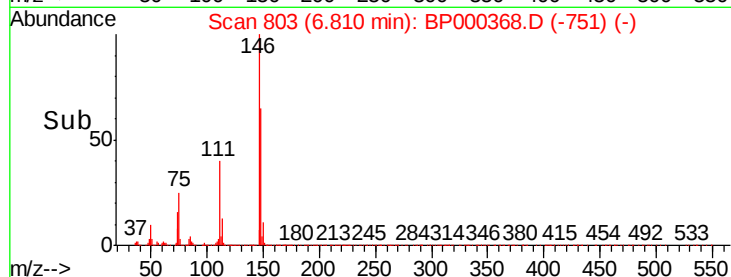
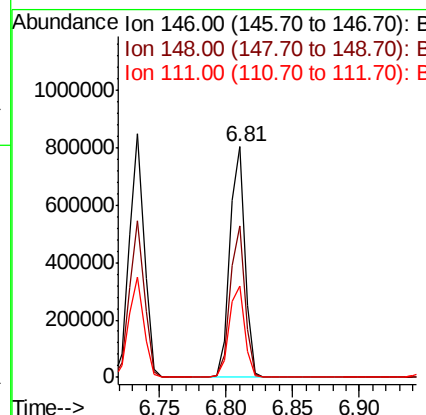
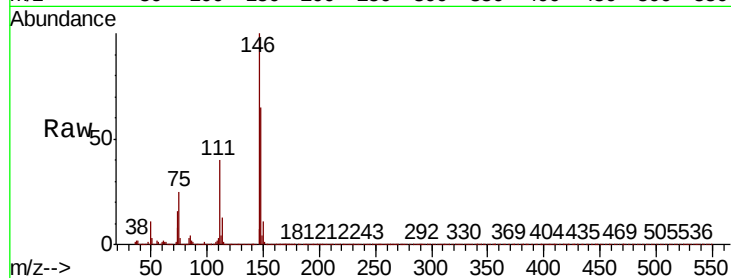




#13
1,4-Dichlorobenzene
Concen: 39.108 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

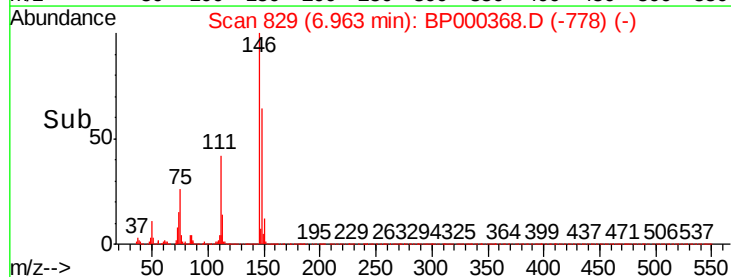
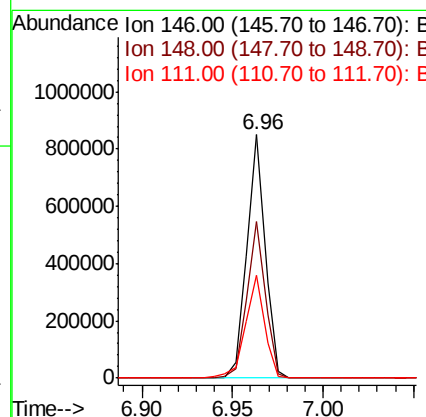
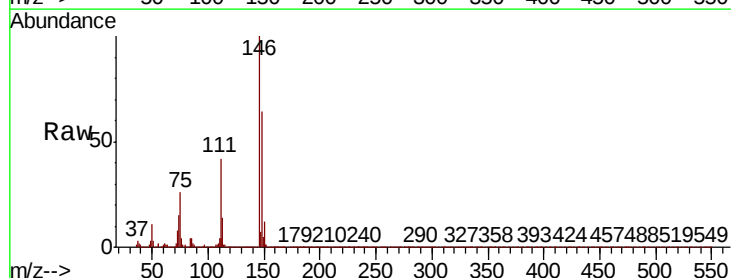
Instrument :
BNA_P
ClientSampleId :

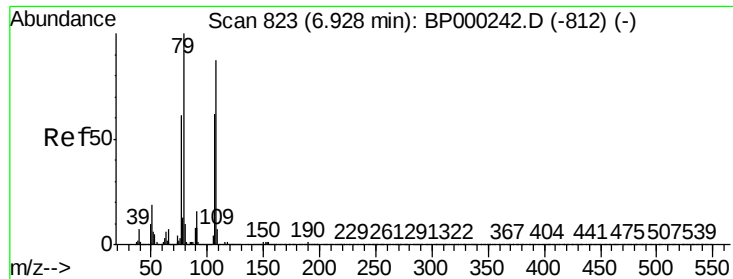
Tot Ion:146 Resp: 643314
Ion Ratio Lower Upper
146 100
148 65.4 50.7 76.1
111 39.7 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 39.664 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:146 Resp: 597675
Ion Ratio Lower Upper
146 100
148 64.5 51.7 77.5
111 42.3 33.4 50.2

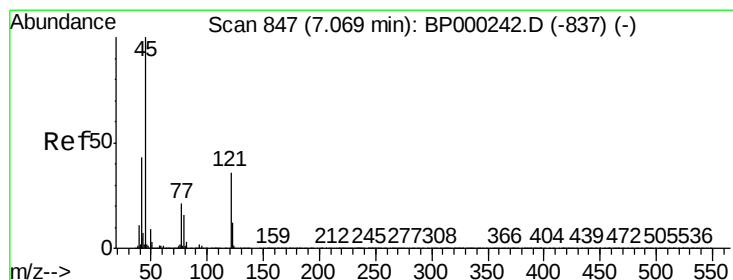
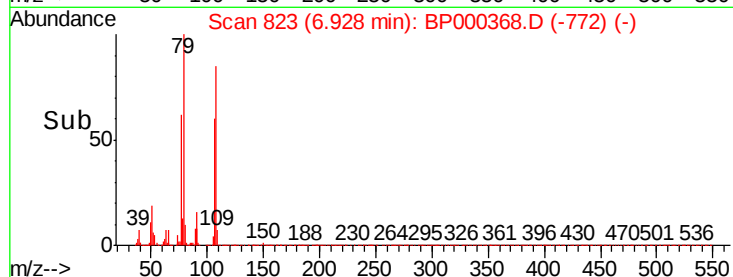
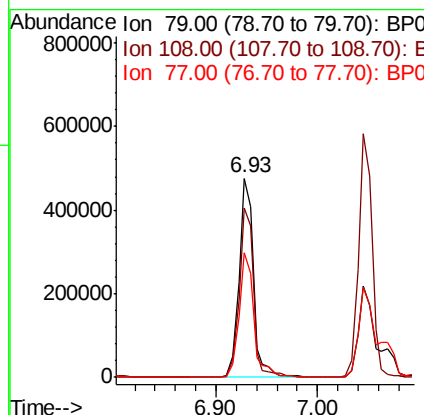
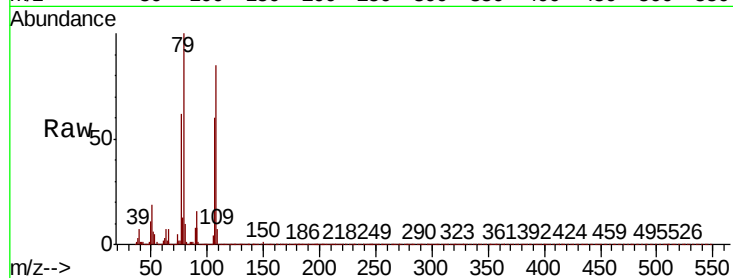




#15
Benzyl Alcohol
Concen: 40.982 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

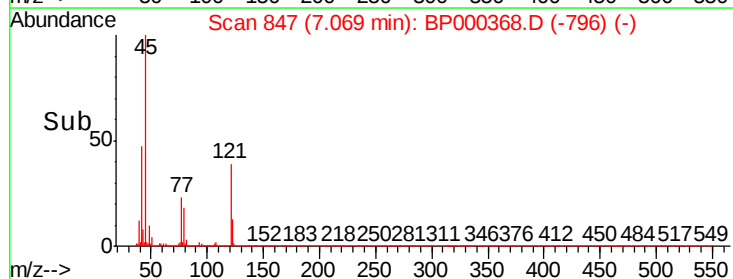
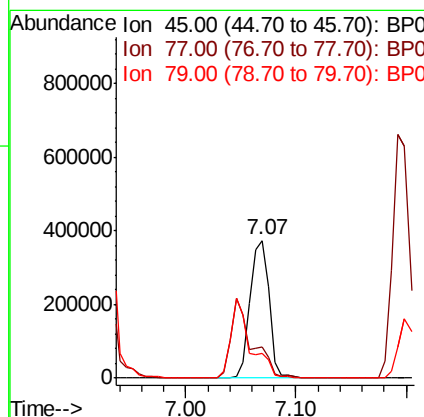
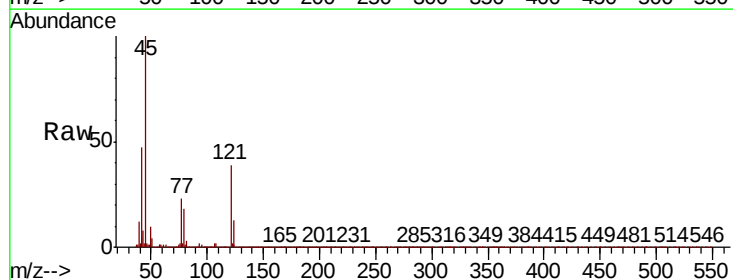
Instrument :
BNA_P
ClientSampleId :

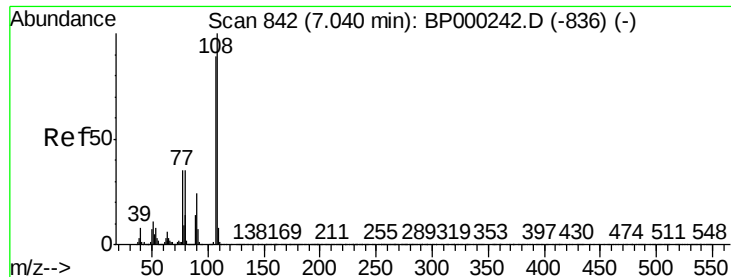
Tot Ion	Ratio	Lower	Upper
79	100		
108	84.7	69.2	103.8
77	62.3	48.7	73.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.007 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.7	0.7	40.7
79	18.3	0.0	36.4





#17

2-Methylphenol

Concen: 40.040 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 472481

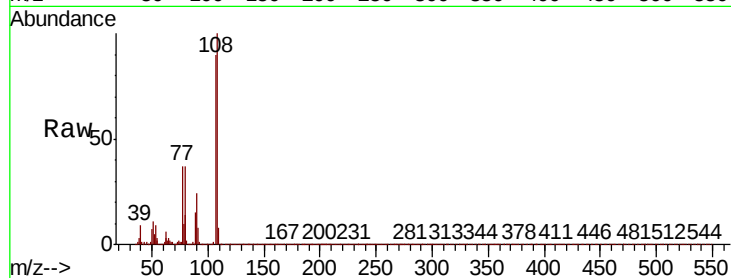
Ion Ratio Lower Upper

107 100

108 111.7 90.1 135.1

77 41.5 31.5 47.3

79 41.7 32.2 48.2

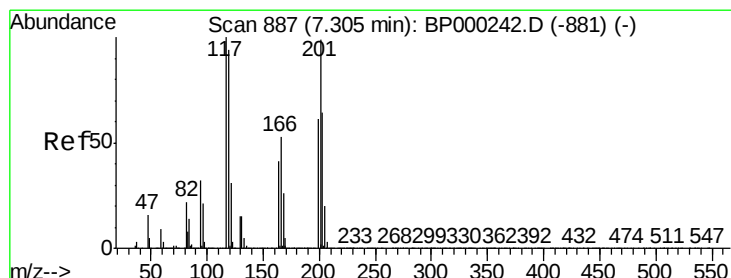
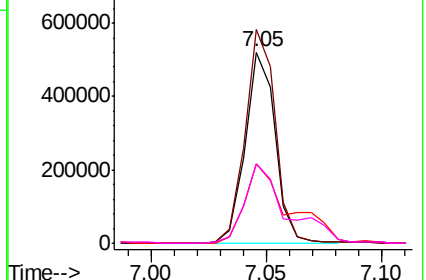
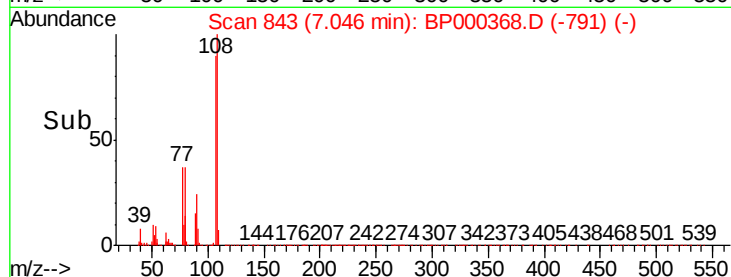


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 38.347 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

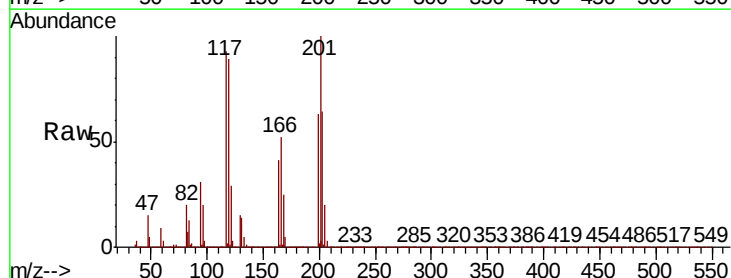
Tgt Ion:117 Resp: 233433

Ion Ratio Lower Upper

117 100

119 96.6 75.6 113.4

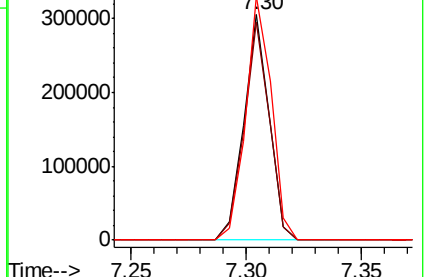
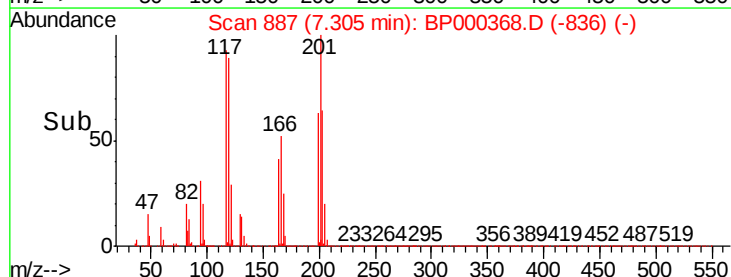
201 108.0 79.4 119.2

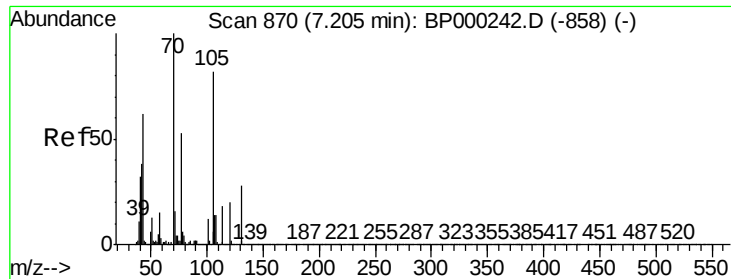


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

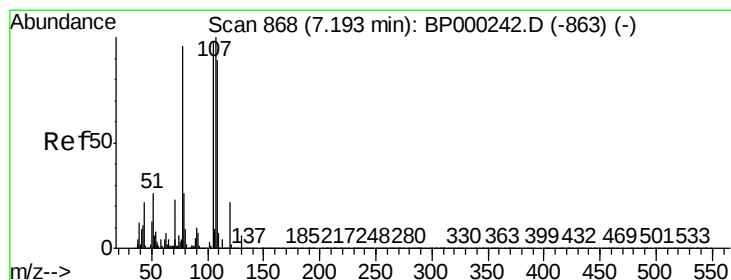
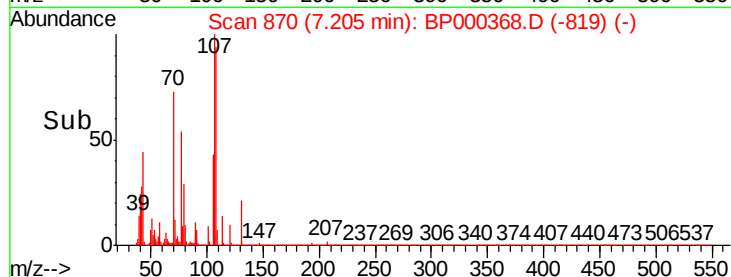
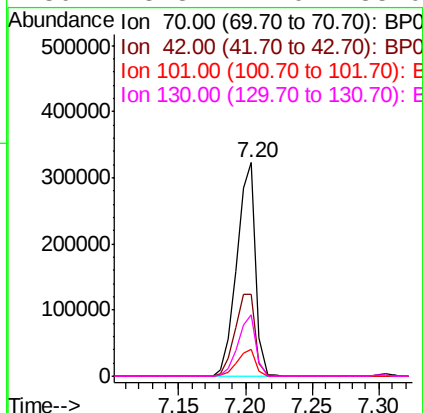
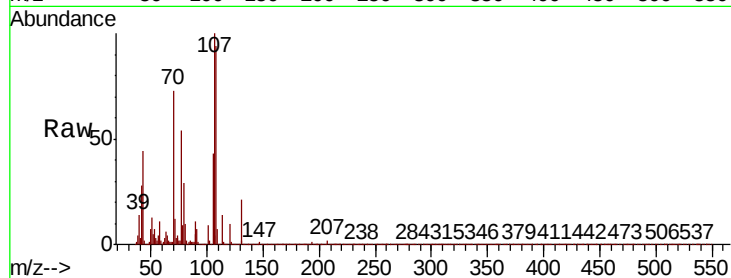




#19
n-Nitroso-di-n-propylamine
Concen: 38.121 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

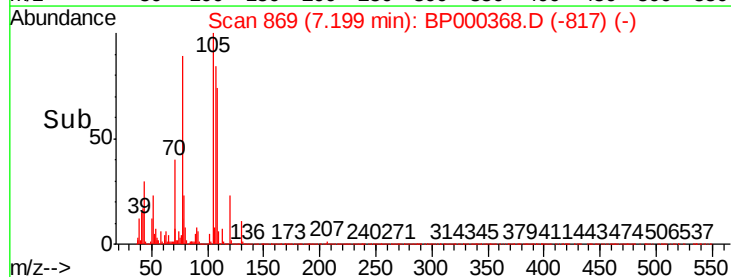
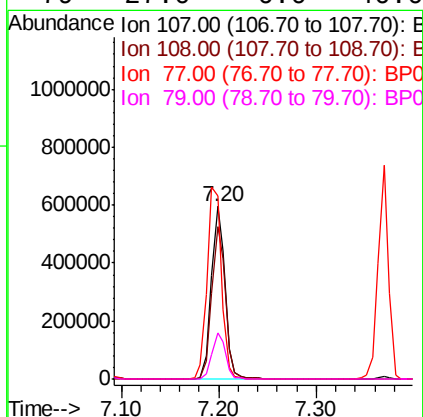
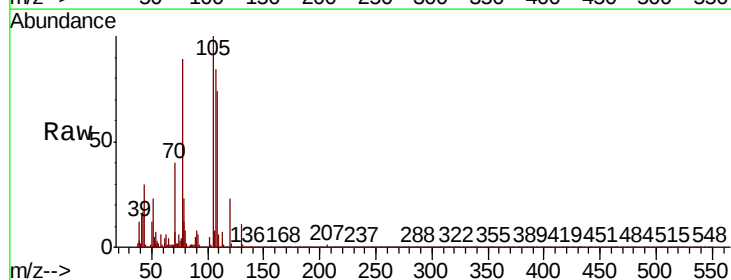
Instrument :
BNA_P
ClientSampled :

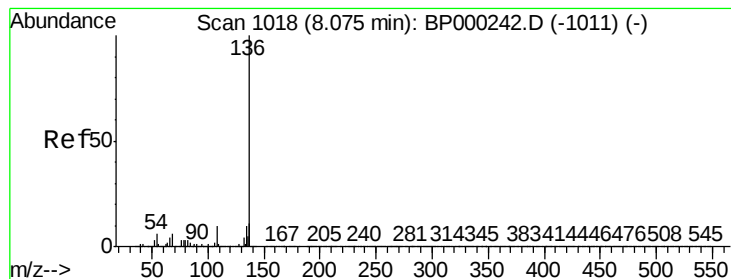
Tot Ion:	70	Resp:	316100
Ion	Ratio	Lower	Upper
70	100		
42	38.4	30.7	46.1
101	12.4	9.6	14.4
130	28.8	22.0	33.0



#20
3+4-Methylphenols
Concen: 40.318 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:	107	Resp:	575317
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.8	108.8
77	105.9	75.7	115.7
79	27.0	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: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 819409

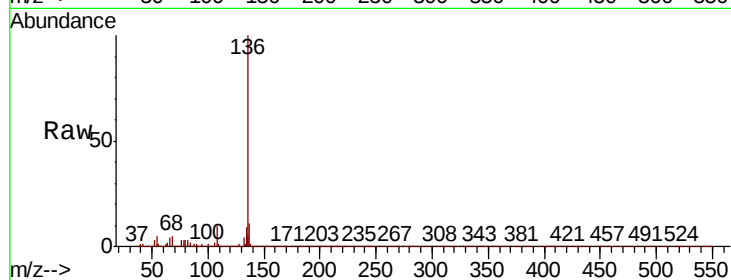
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 4.9 4.5 6.7

68 5.2 4.5 6.7



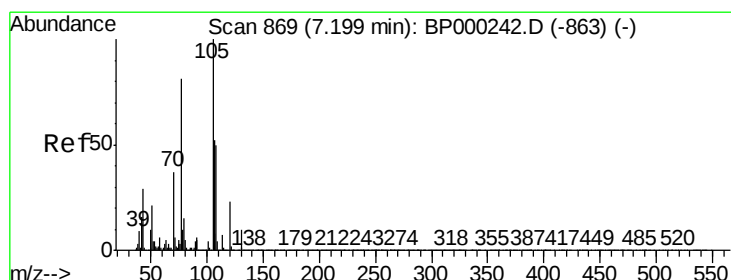
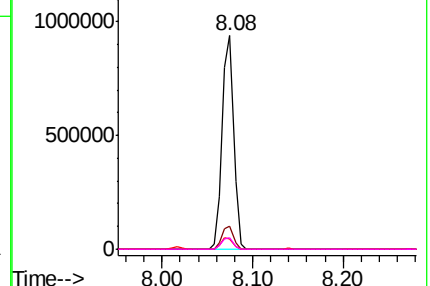
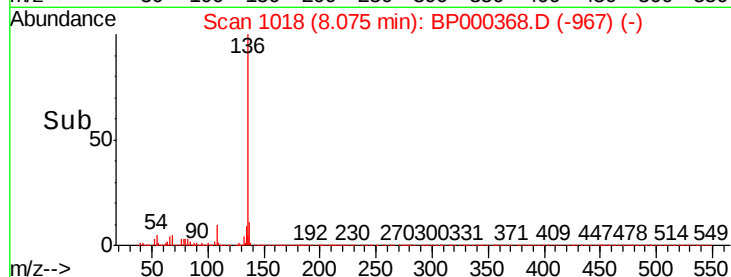
Abundance

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: 43.226 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Tgt Ion:105 Resp: 767578

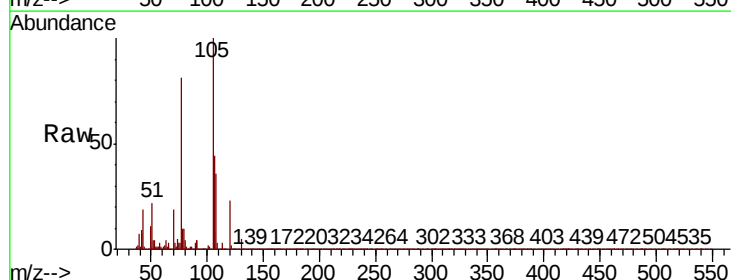
Ion Ratio Lower Upper

105 100

71 3.2 5.2 7.8#

51 21.6 16.6 24.8

120 23.2 18.5 27.7



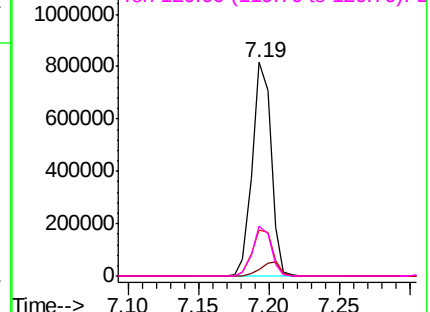
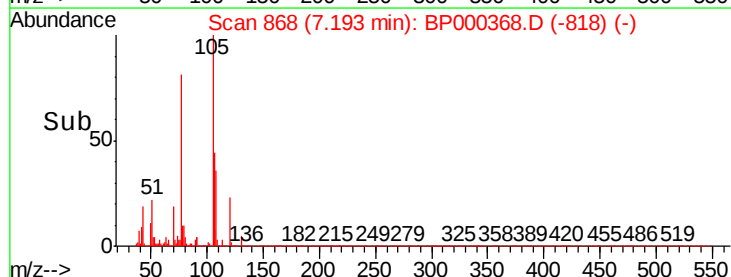
Abundance

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



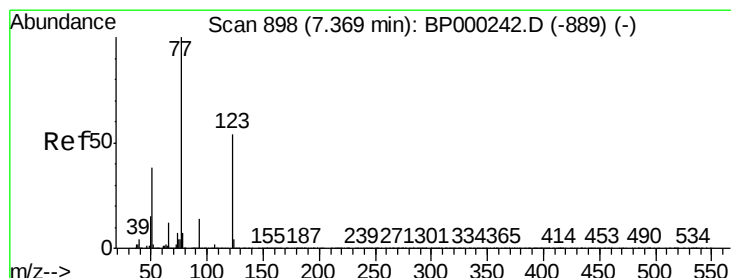
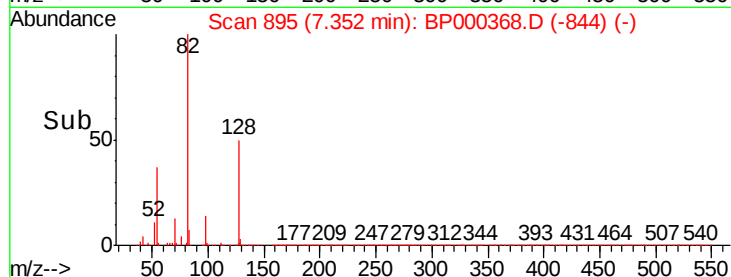
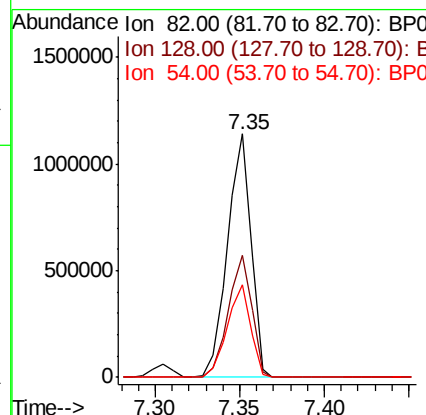
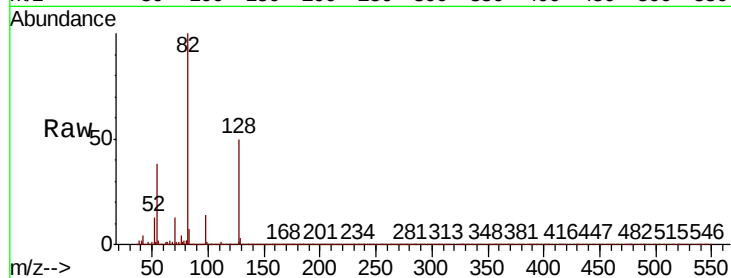


#23
 Nitrobenzene-d5
 Concen: 86.962 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion: 82 Resp: 1104437

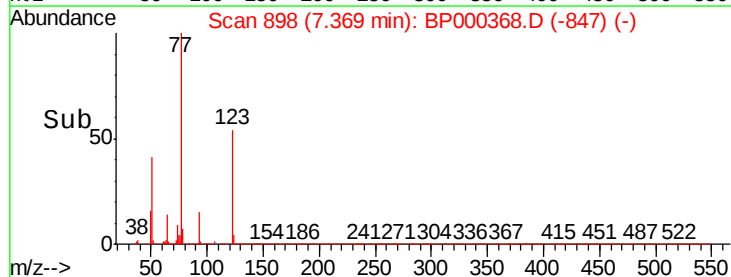
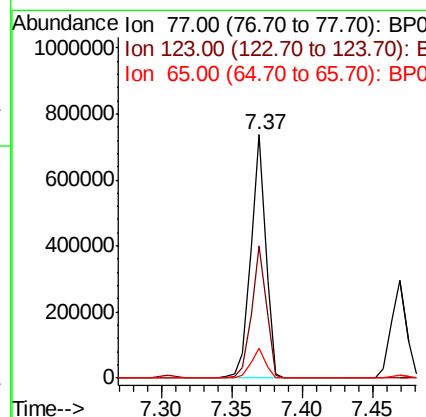
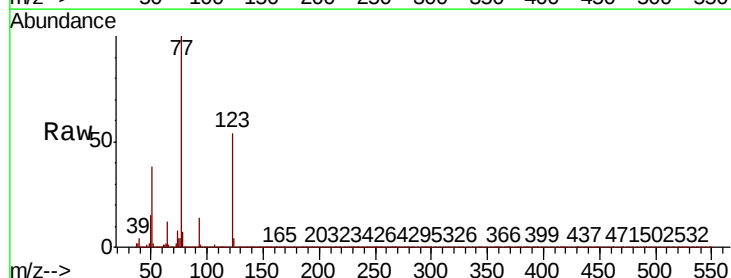
Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.7	61.1
54	37.9	30.1	45.1



#24
 Nitrobenzene
 Concen: 41.024 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Tgt Ion: 77 Resp: 541158

Ion	Ratio	Lower	Upper
77	100		
123	54.4	43.1	64.7
65	12.3	9.4	14.2





#25

Isophorone

Concen: 40.288 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

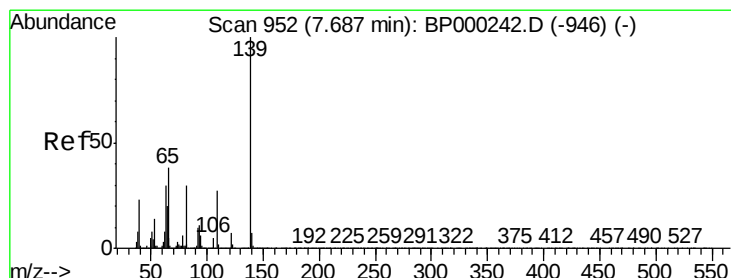
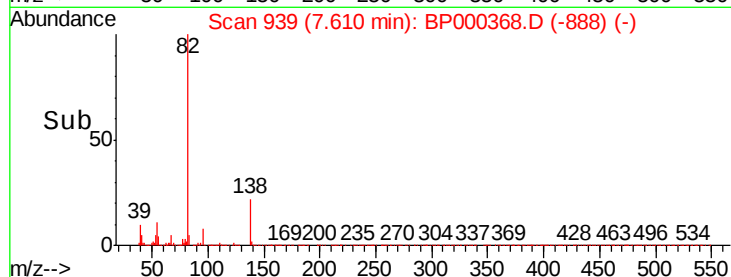
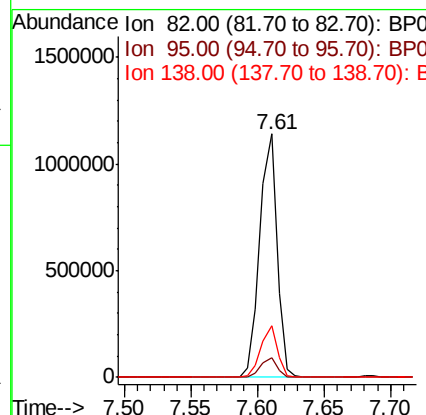
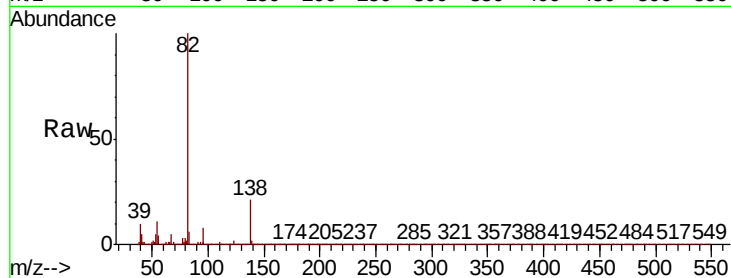
Tot Ion: 82 Resp: 1013164

Ion Ratio Lower Upper

82 100

95 8.0 5.9 8.9

138 21.0 15.9 23.9



#26

2-Nitrophenol

Concen: 43.829 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

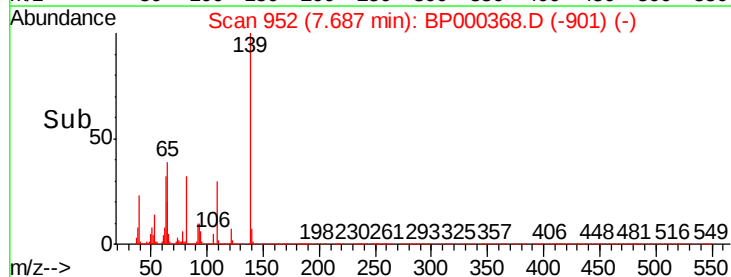
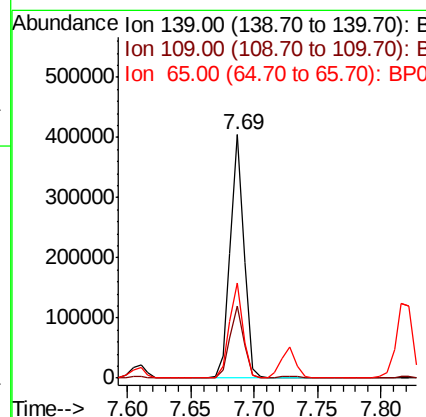
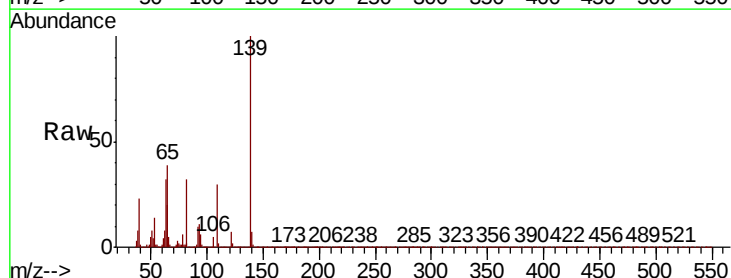
Tgt Ion: 139 Resp: 306508

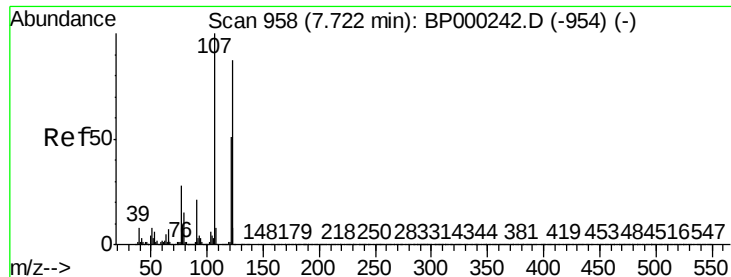
Ion Ratio Lower Upper

139 100

109 29.7 21.8 32.6

65 39.0 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 45.597 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampled :

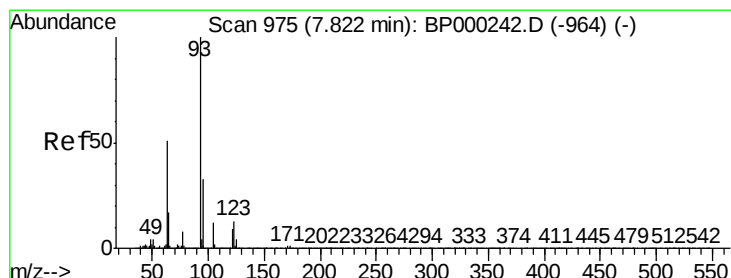
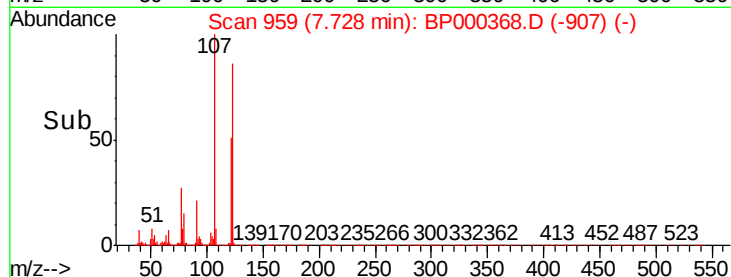
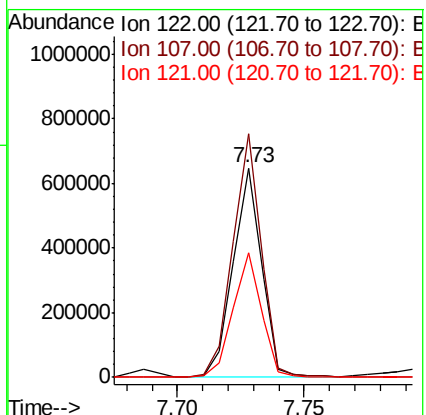
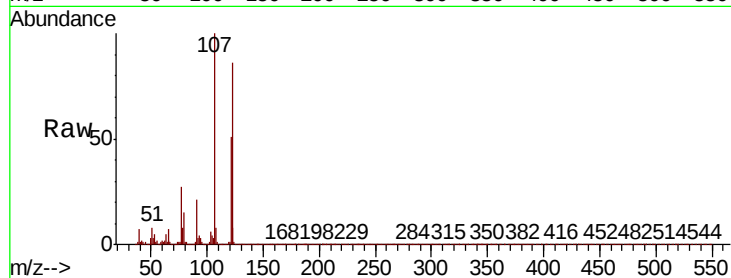
Tot Ion:122 Resp: 507926

Ion Ratio Lower Upper

122 100

107 116.1 91.5 137.3

121 59.2 46.9 70.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.649 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

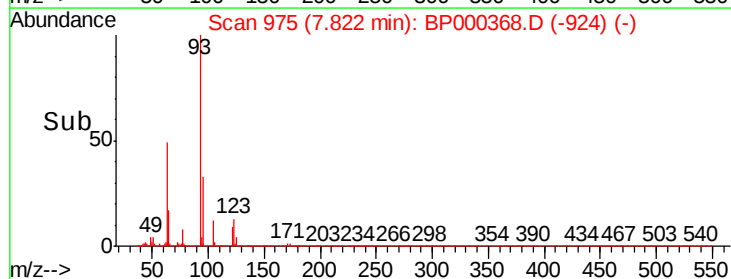
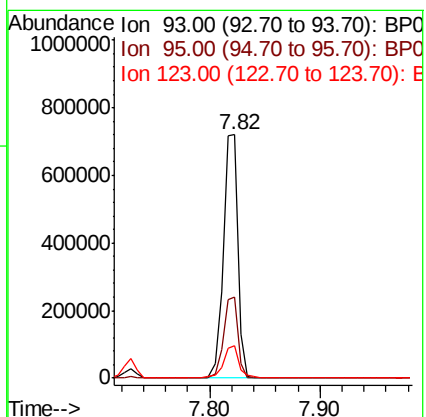
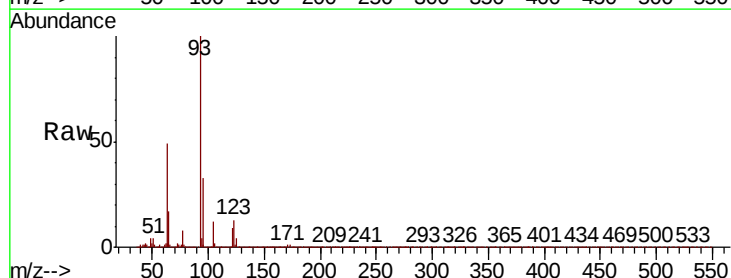
Tgt Ion: 93 Resp: 663173

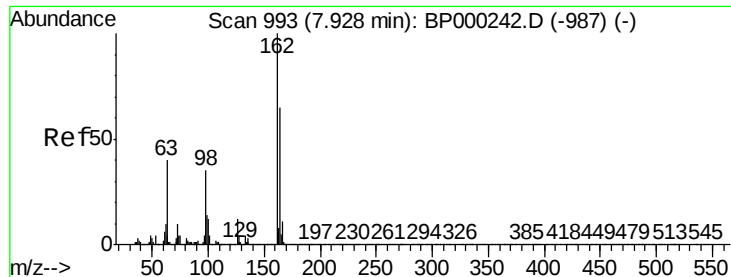
Ion Ratio Lower Upper

93 100

95 33.2 26.2 39.4

123 13.4 10.2 15.2





#29

2,4-Dichlorophenol

Concen: 44.148 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

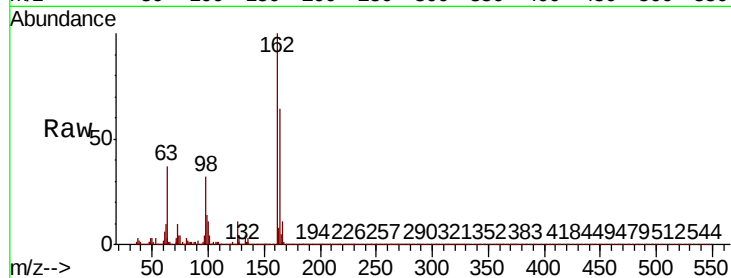
Tot Ion:162 Resp: 527080

Ion Ratio Lower Upper

162 100

164 64.5 44.5 84.5

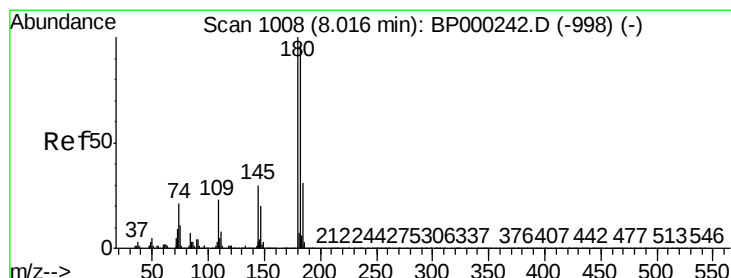
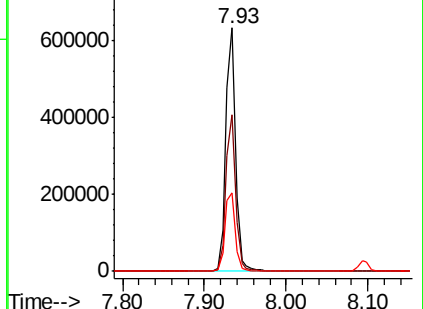
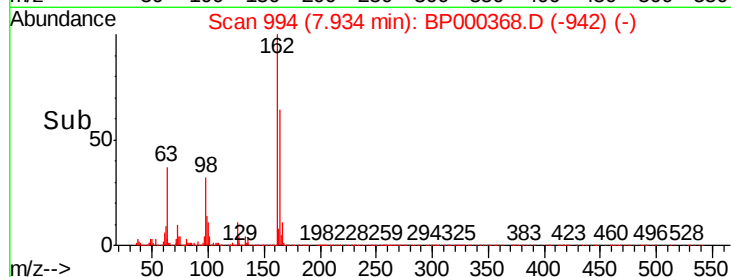
98 32.5 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.450 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

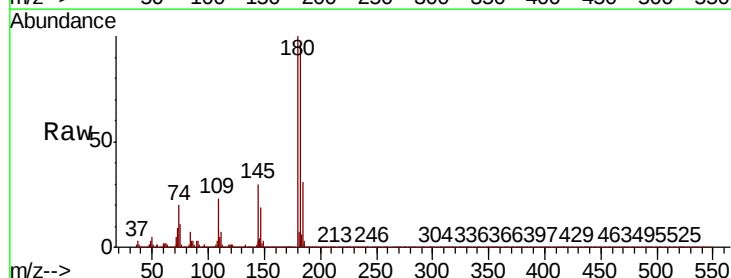
Tgt Ion:180 Resp: 580904

Ion Ratio Lower Upper

180 100

182 96.5 77.2 115.8

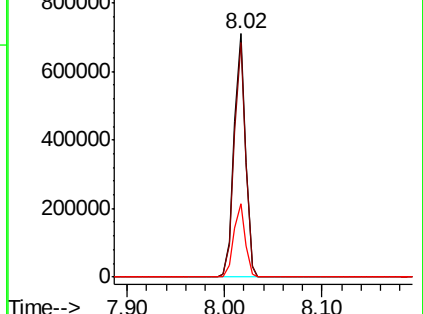
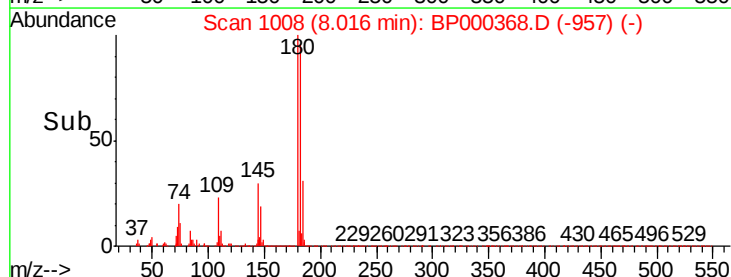
145 29.9 24.3 36.5

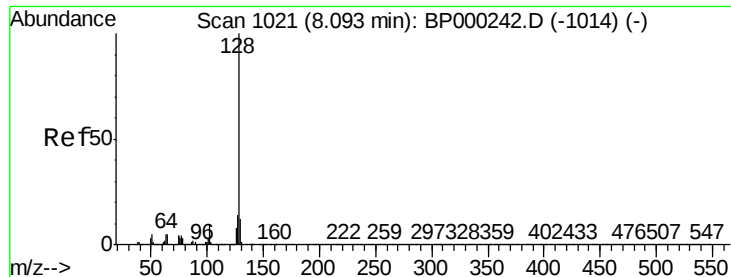


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

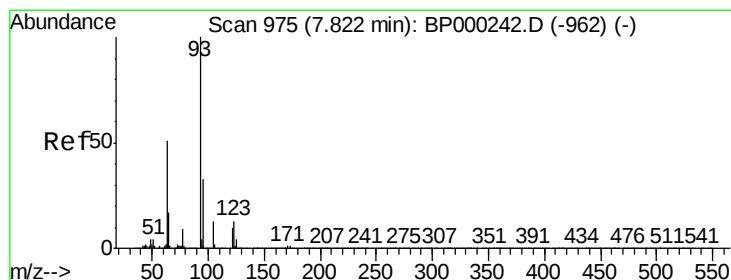
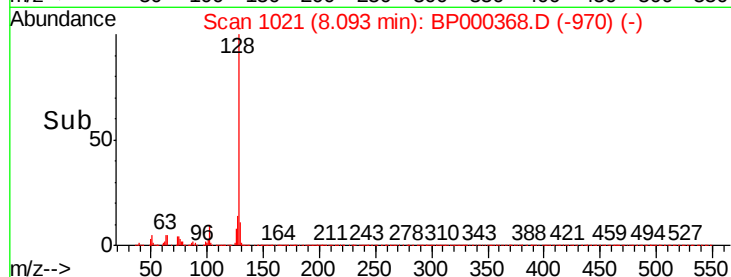
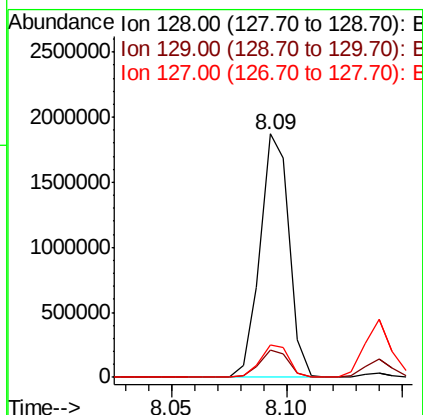
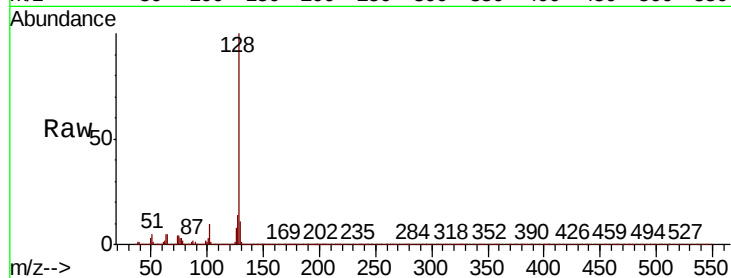




#31
Naphthalene
Concen: 43.187 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

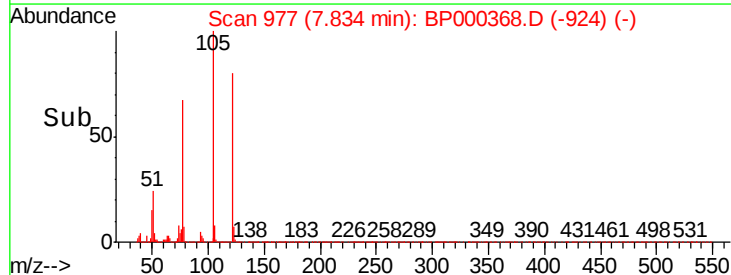
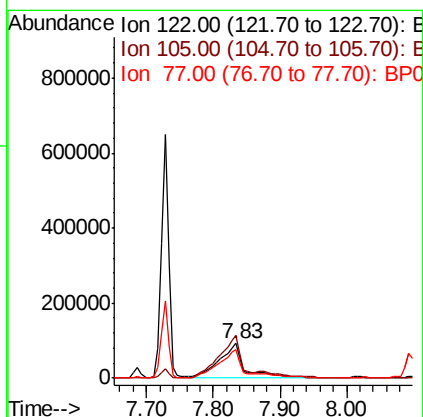
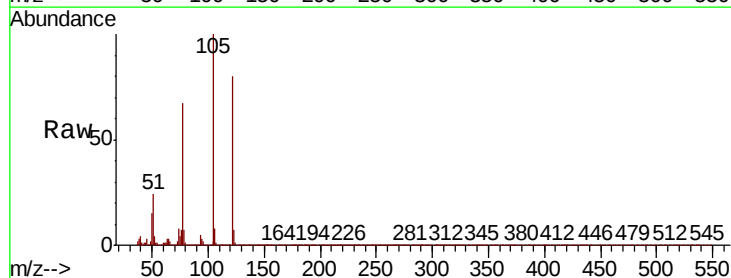
Instrument :
BNA_P
ClientSampled :

Tot Ion:128 Resp: 1638923
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 13.5 11.0 16.6



#32
Benzoic acid
Concen: 32.502 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:122 Resp: 244460
Ion Ratio Lower Upper
122 100
105 124.9 105.4 145.4
77 84.1 65.3 105.3

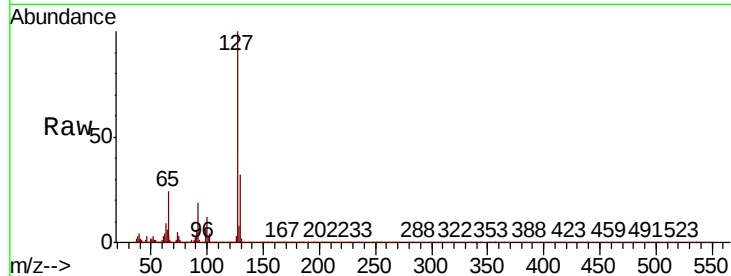




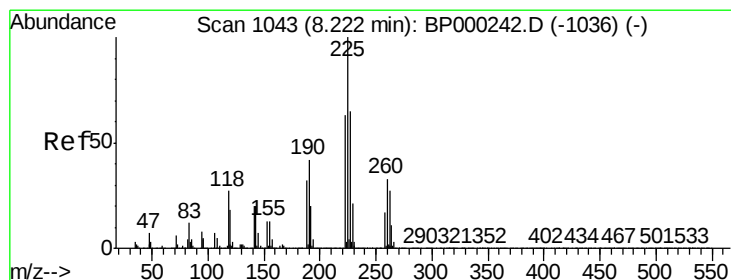
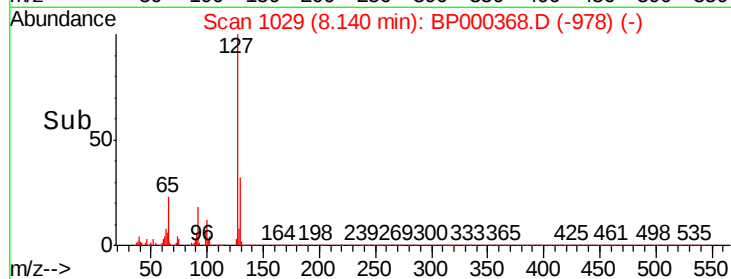
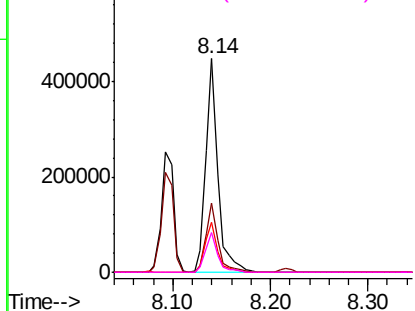
#33
4-Chloroaniline
Concen: 22.429 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	385207
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	23.6	19.9	29.9
92	18.5	15.4	23.0

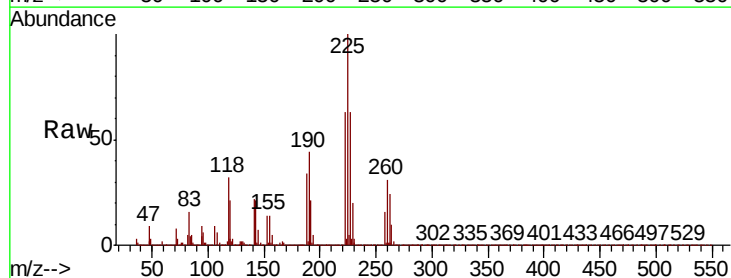


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

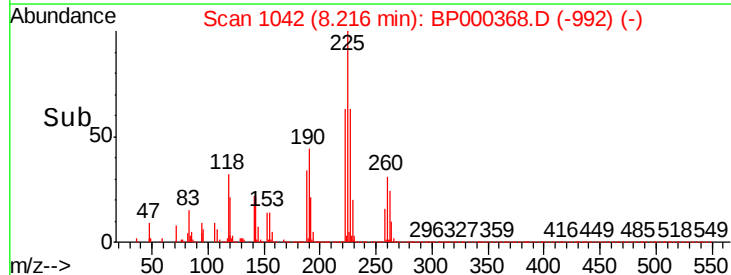
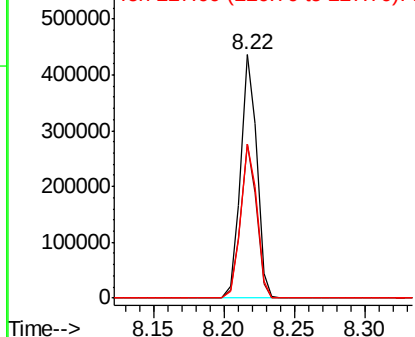


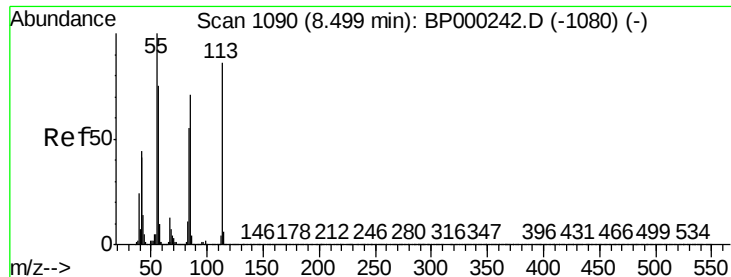
#34
Hexachlorobutadiene
Concen: 42.854 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:	225	Resp:	347467
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.2
227	63.0	51.8	77.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

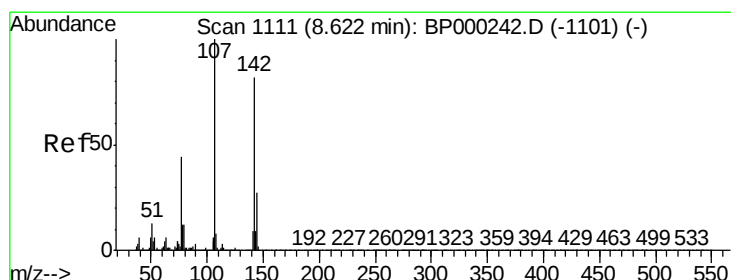
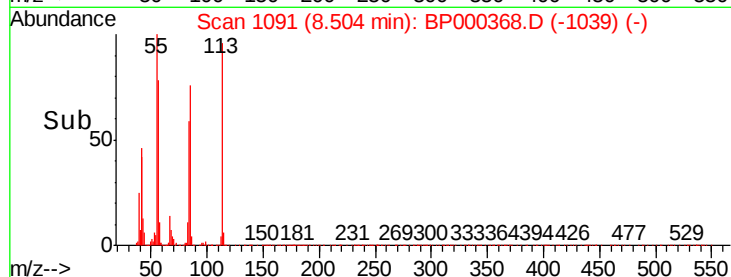
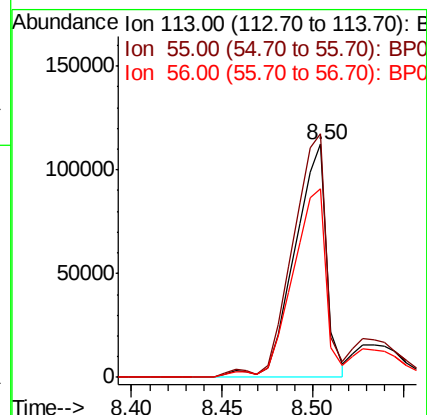
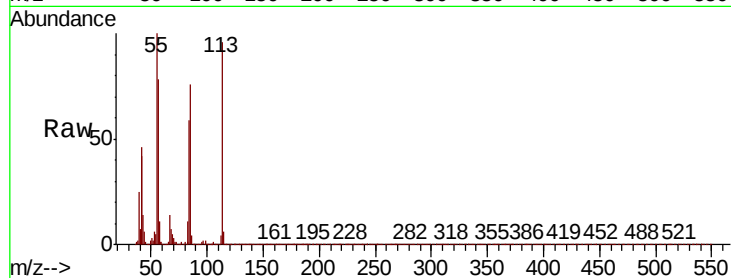




#35
 Caprolactam
 Concen: 34.218 ng
 RT: 8.50 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

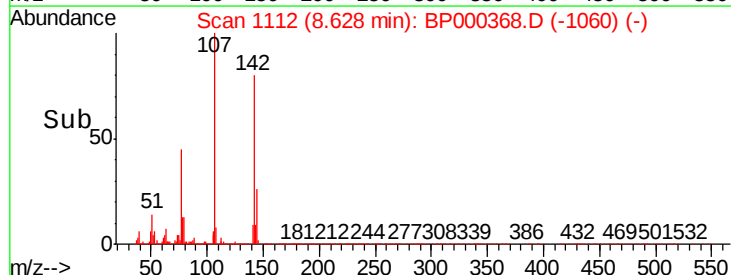
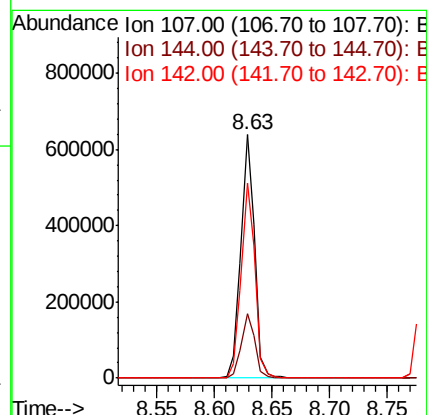
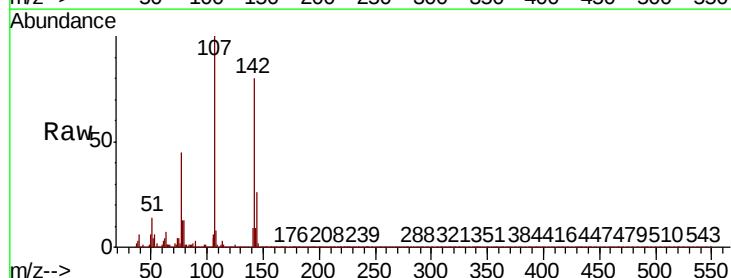
Instrument :
 BNA_P
 ClientSampleId :

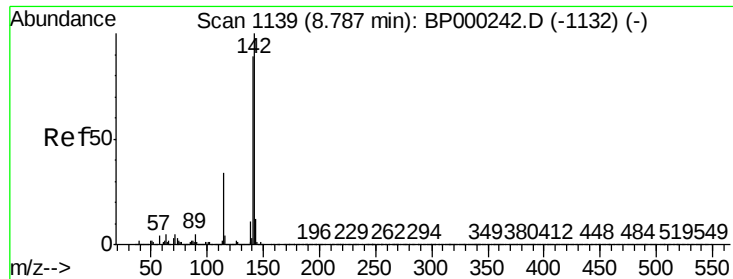
Tot Ion:113 Resp: 138971
 Ion Ratio Lower Upper
 113 100
 55 104.6 96.8 136.8
 56 81.1 67.5 107.5



#36
 4-Chloro-3-methylphenol
 Concen: 43.384 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Tgt Ion:107 Resp: 525801
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.5 32.3
 142 79.9 65.7 98.5



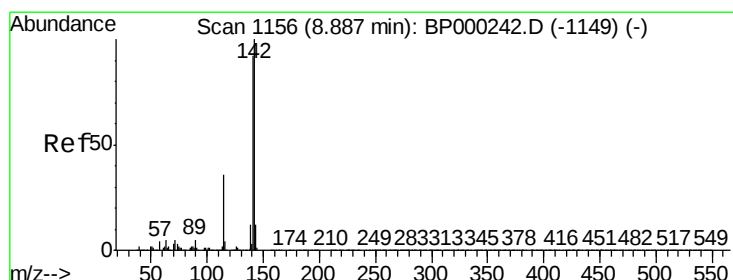
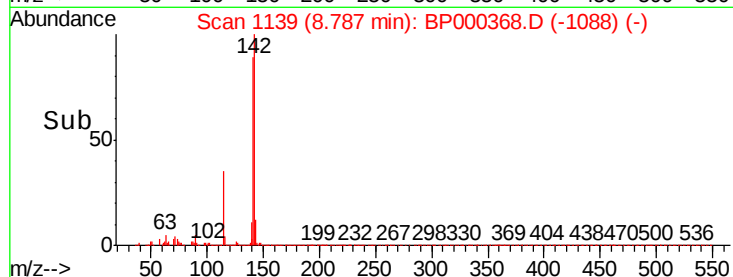
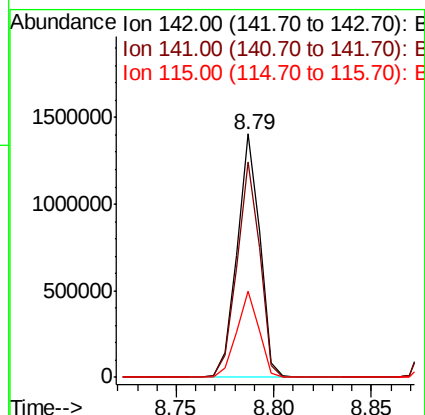
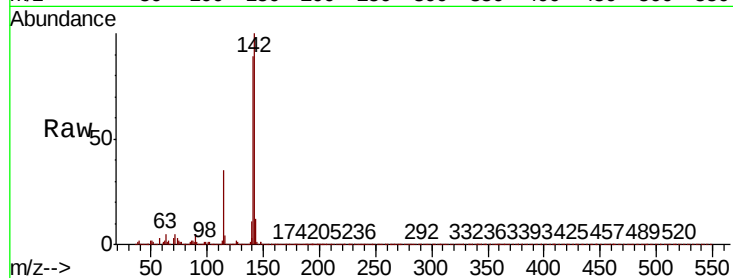


#37
 2-Methylnaphthalene
 Concen: 43.547 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:142 Resp: 1129716

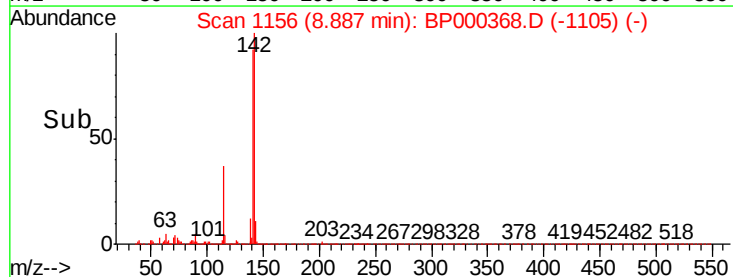
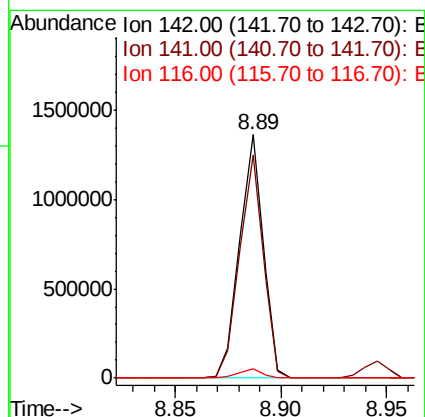
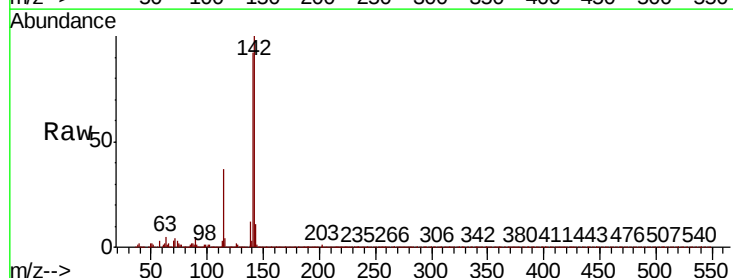
Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	35.5	27.2	40.8

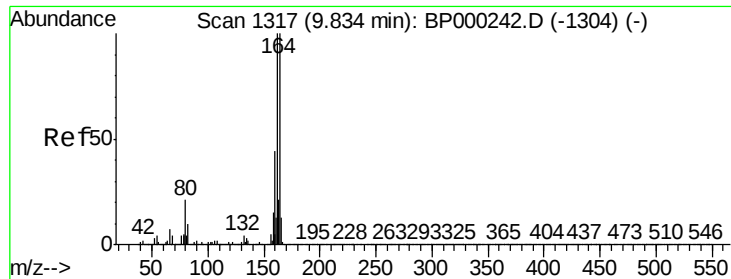


#38
 1-Methylnaphthalene
 Concen: 43.378 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Tgt Ion:142 Resp: 1054151

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.9	110.9
116	3.9	3.0	4.6

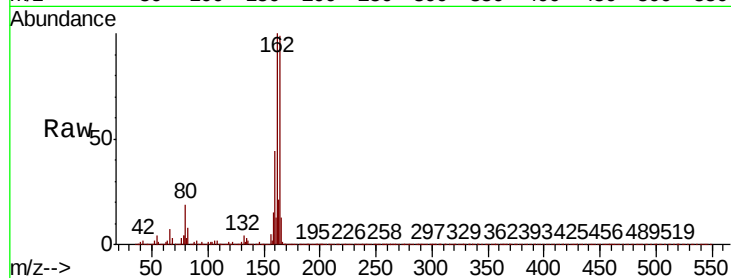




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.9	119.9
160	44.6	35.6	53.4

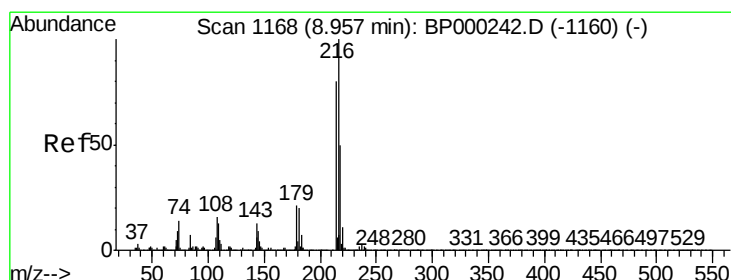
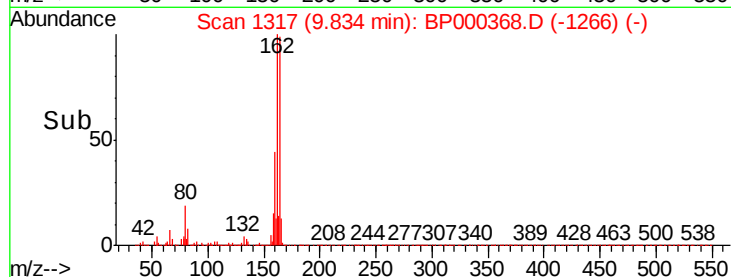
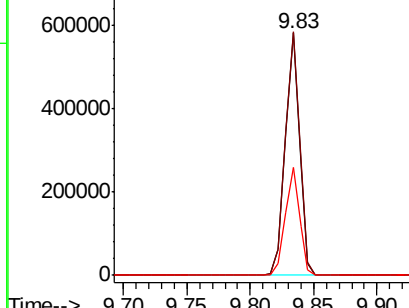


Abundance

Ion 164.00 (163.70 to 164.70): E

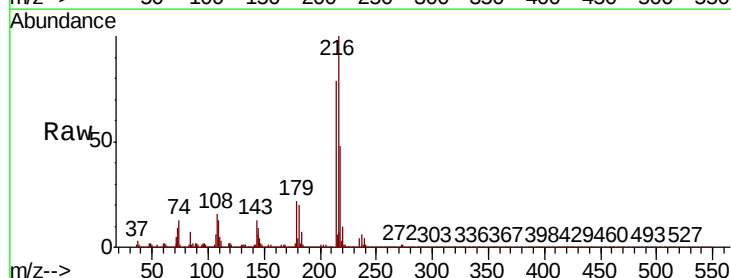
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.591 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.6	95.4
179	21.0	17.0	25.4
108	19.1	15.1	22.7



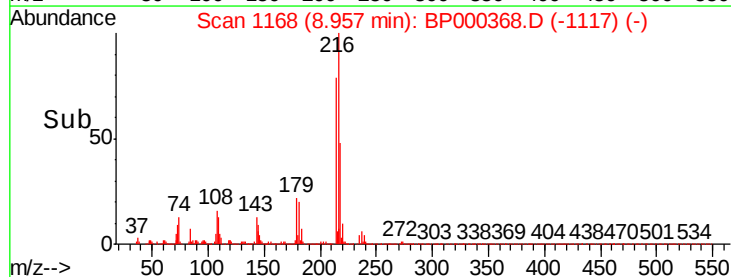
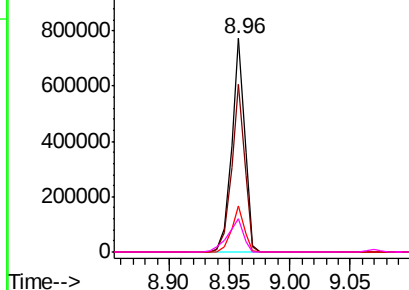
Abundance

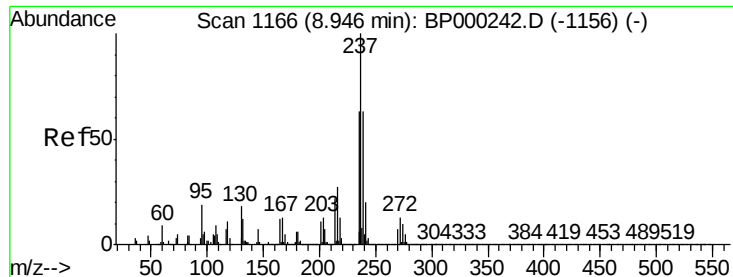
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

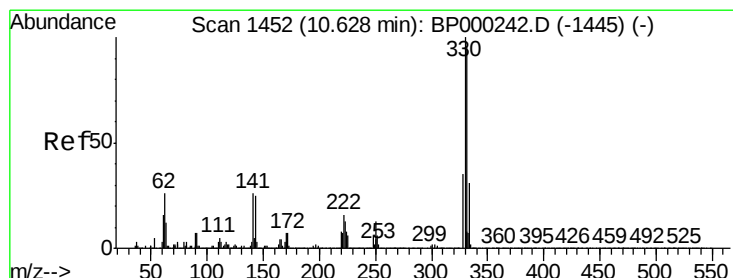
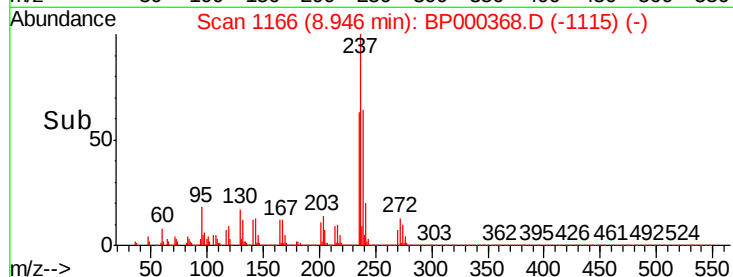
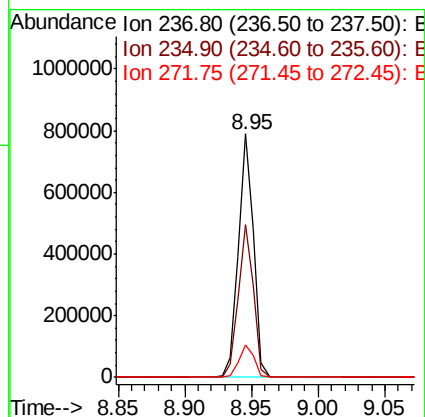
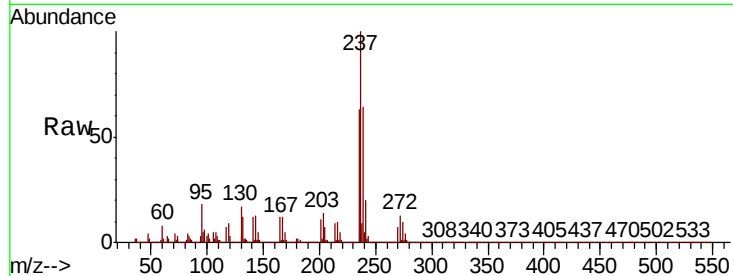




#41
Hexachlorocyclopentadiene
Concen: 84.472 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

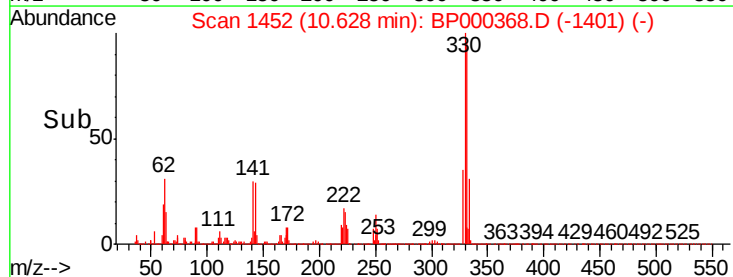
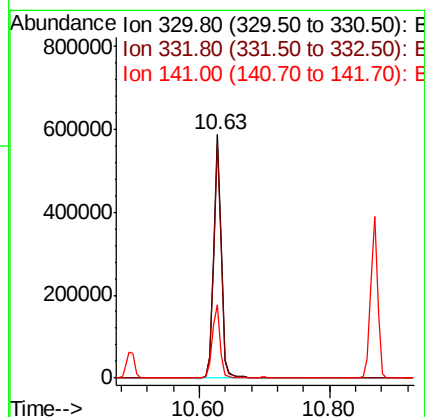
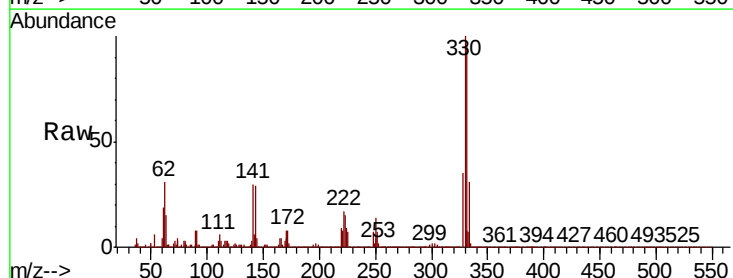
Instrument :
BNA_P
ClientSampleId :

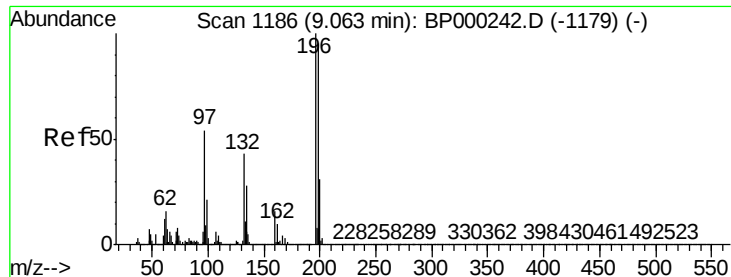
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.9	43.5	83.5
272	13.5	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 106.441 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	30.7	26.5	39.7

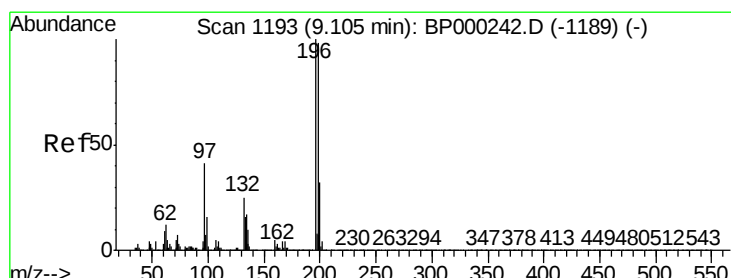
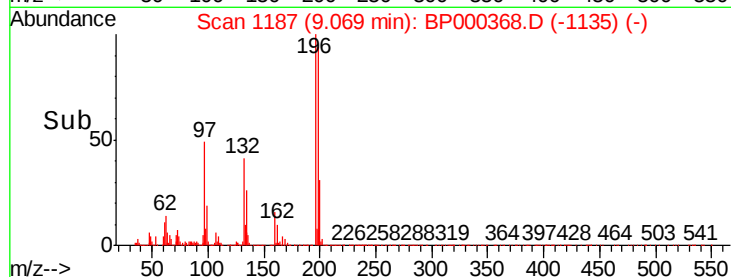
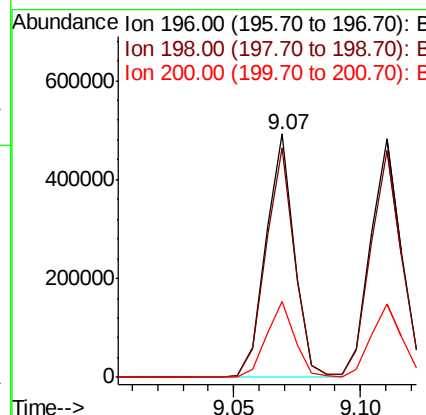
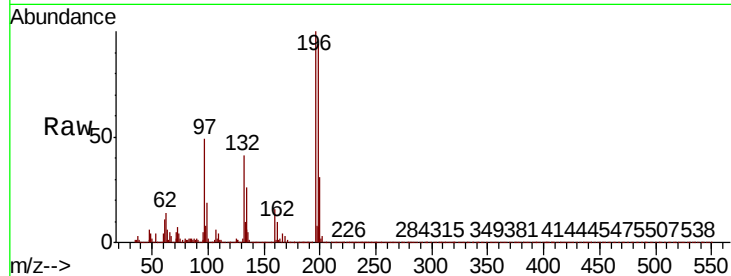




#43
 2,4,6-Trichlorophenol
 Concen: 43.335 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

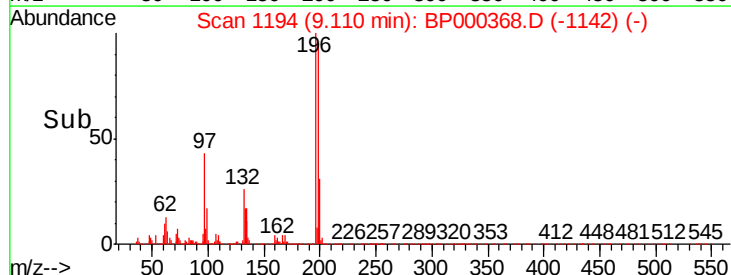
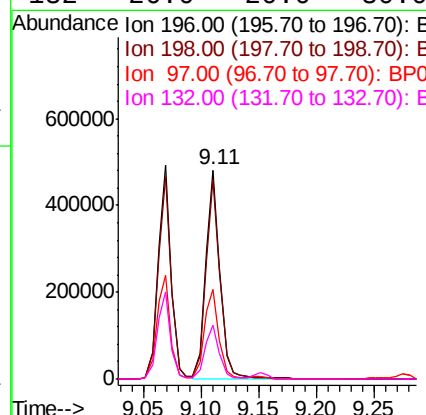
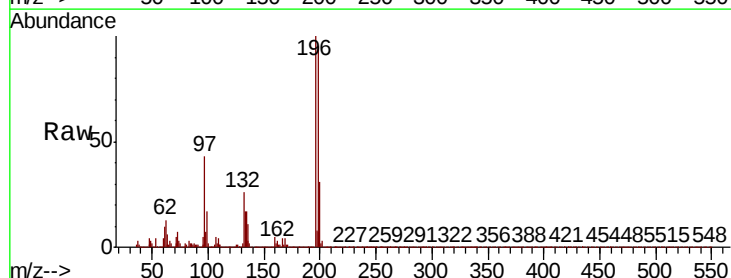
Instrument :
 BNA_P
 ClientSampleId :

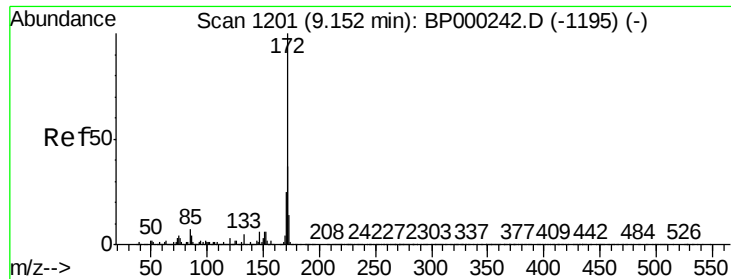
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.0	114.0
200	31.2	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.707 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	78.1	117.1
97	43.2	33.3	49.9
132	26.0	20.0	30.0

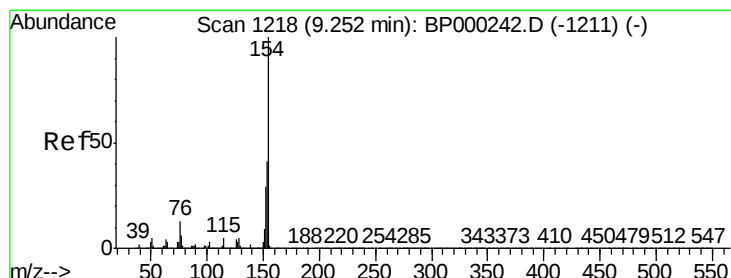
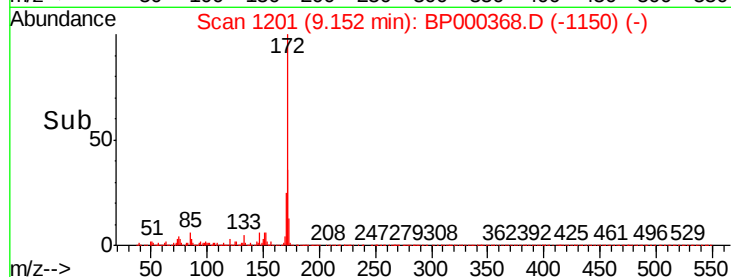
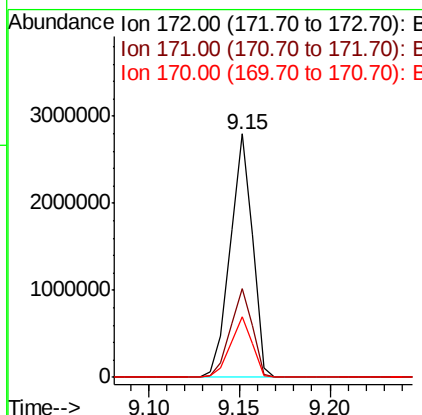
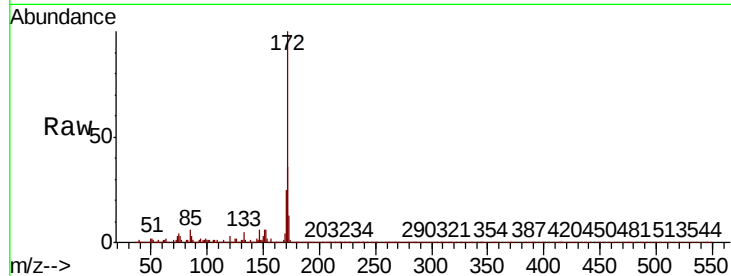




#45
2-Fluorobiphenyl
Concen: 95.145 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

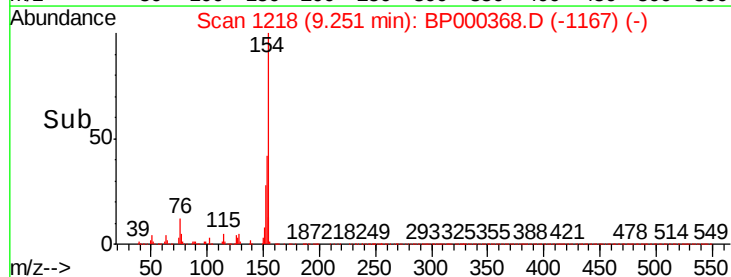
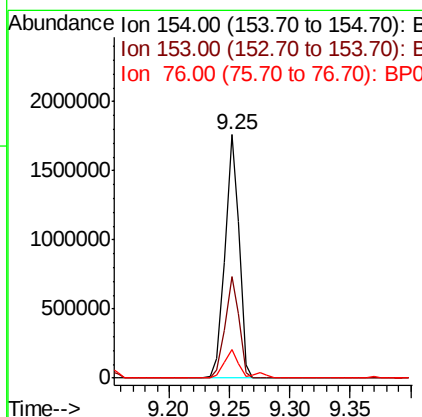
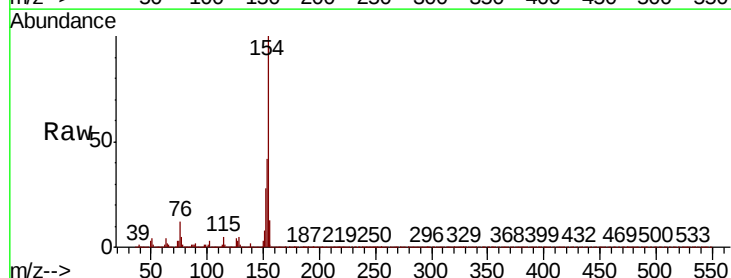
Instrument :
BNA_P
ClientSampleId :

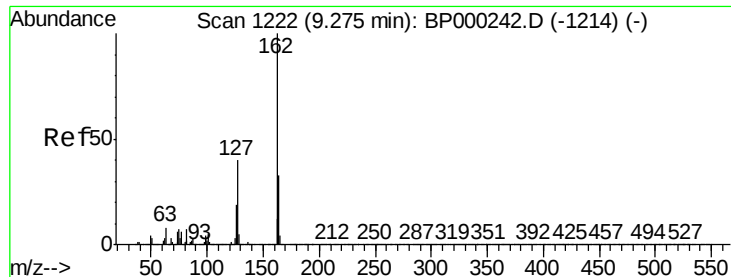
Tot Ion:172 Resp: 2396671
Ion Ratio Lower Upper
172 100
171 36.3 29.8 44.6
170 24.7 19.8 29.6



#46
1,1'-Biphenyl
Concen: 44.877 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:154 Resp: 1407493
Ion Ratio Lower Upper
154 100
153 41.7 21.4 61.4
76 11.5 0.0 33.4





#47

2-Chloronaphthalene

Concen: 42.640 ng

RT: 9.28 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

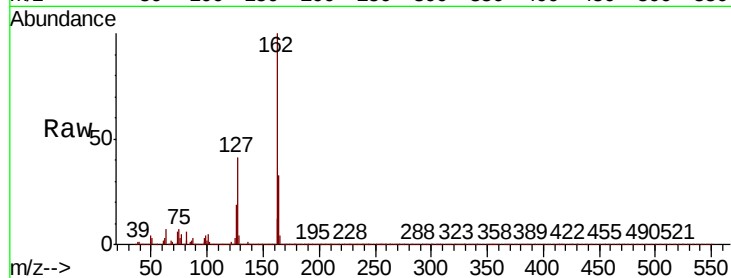
Tot Ion:162 Resp: 1121825

Ion Ratio Lower Upper

162 100

127 40.6 32.4 48.6

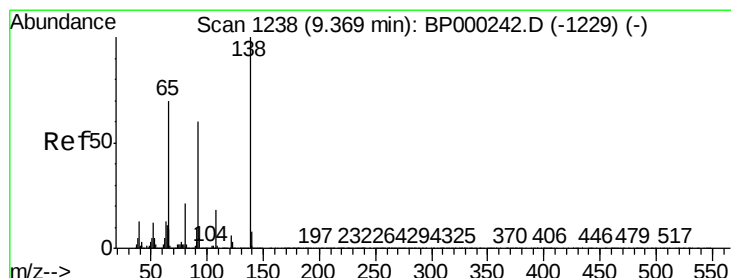
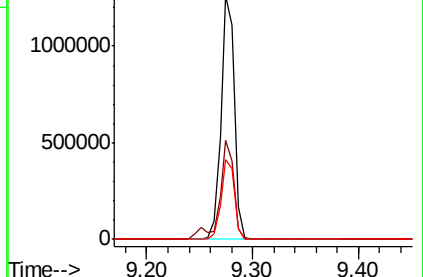
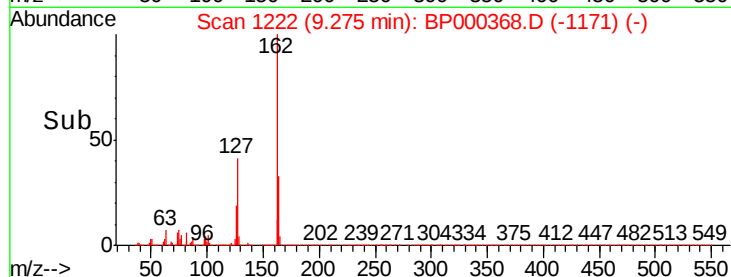
164 33.0 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.335 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

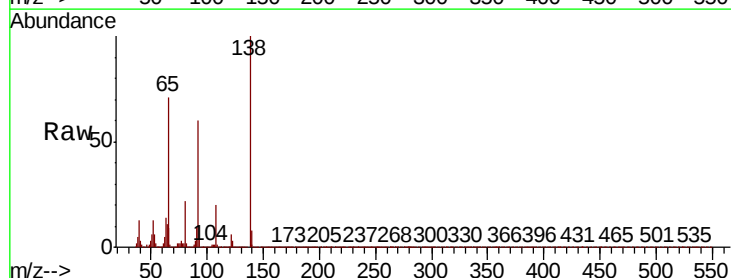
Tgt Ion: 65 Resp: 269482

Ion Ratio Lower Upper

65 100

92 84.6 68.7 103.1

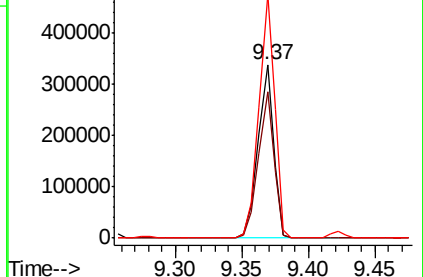
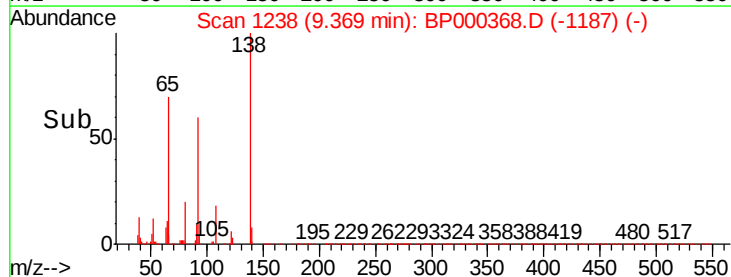
138 140.5 114.4 171.6

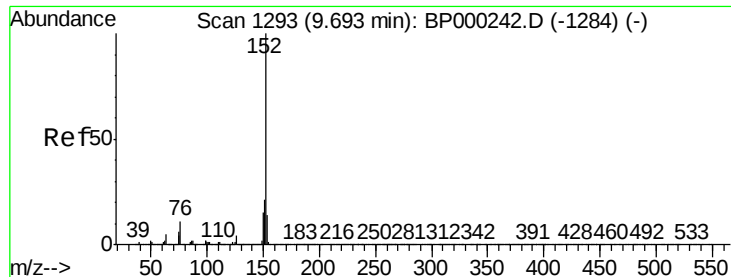


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.424 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

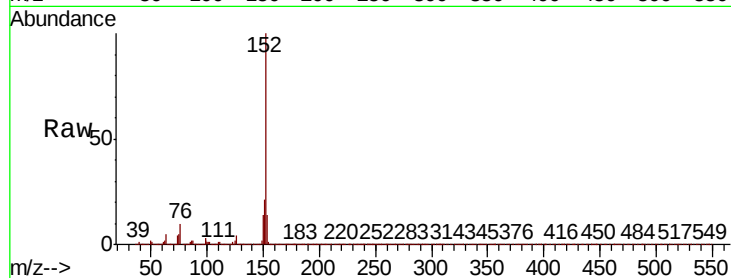
Tot Ion:152 Resp: 1756854

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

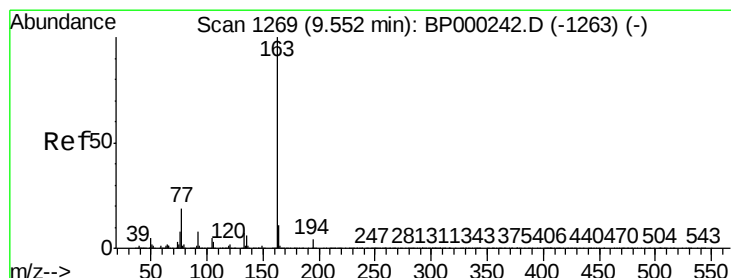
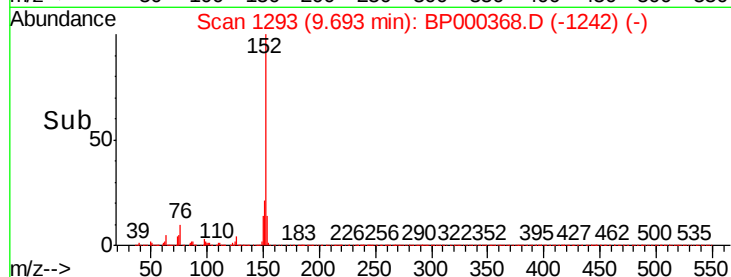
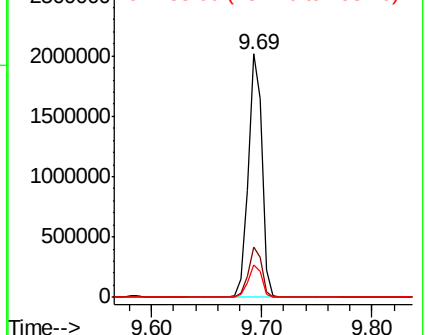
153 13.5 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.016 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

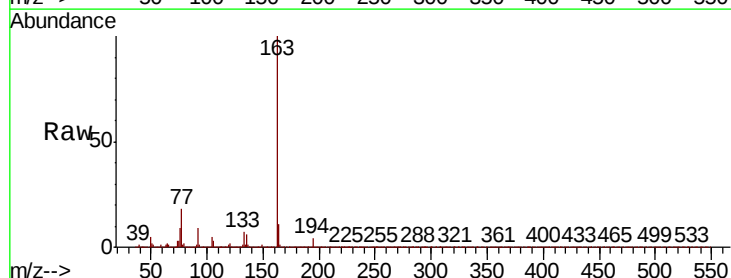
Tgt Ion:163 Resp: 1359589

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

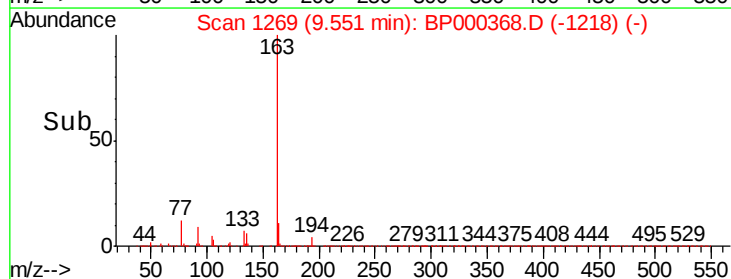
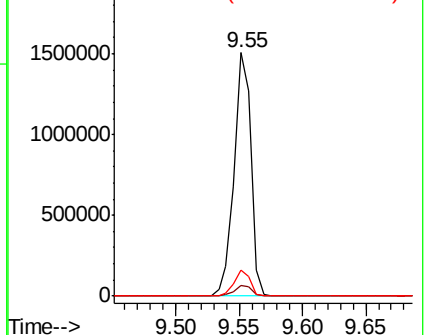
164 10.6 8.5 12.7

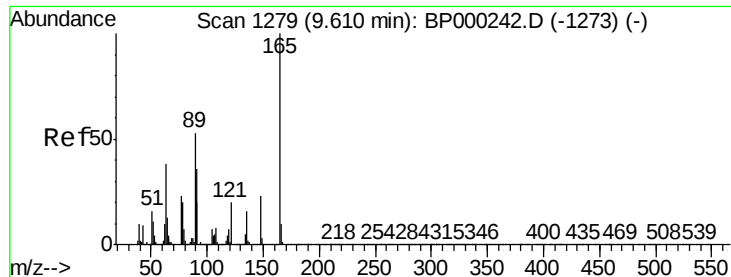


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.905 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

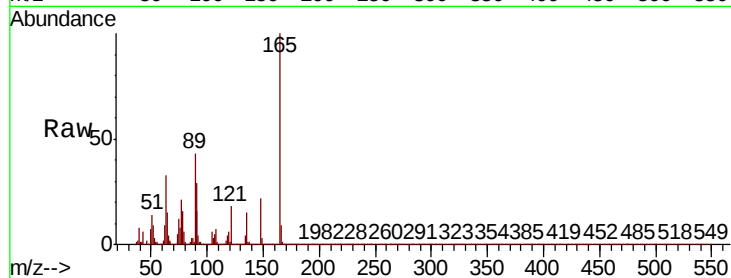
Tot Ion:165 Resp: 311772

Ion Ratio Lower Upper

165 100

63 33.2 35.8 53.8#

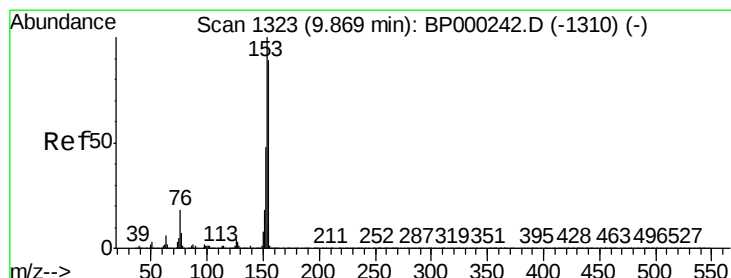
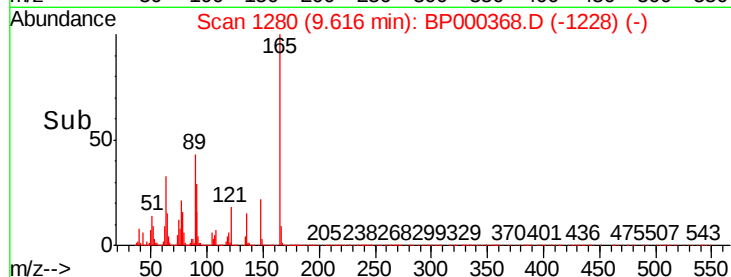
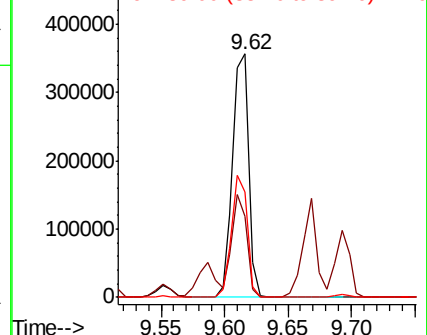
89 43.4 42.6 63.8



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: 41.680 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

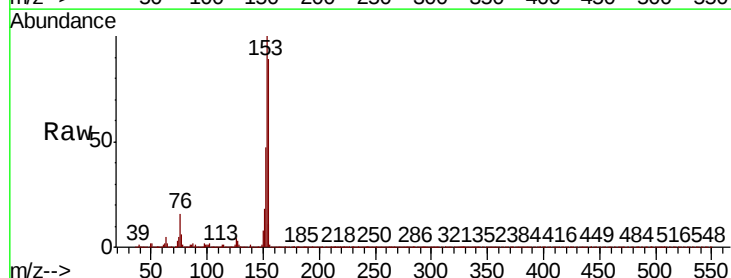
Tgt Ion:154 Resp: 1040183

Ion Ratio Lower Upper

154 100

153 112.1 89.8 134.6

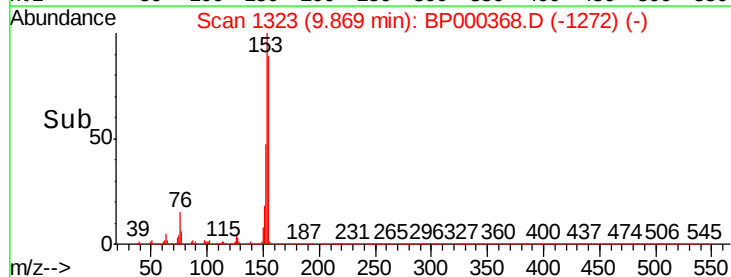
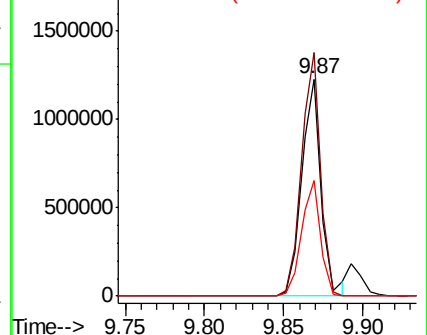
152 53.1 43.4 65.0

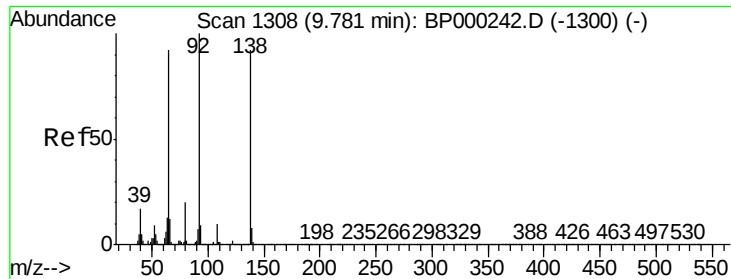


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

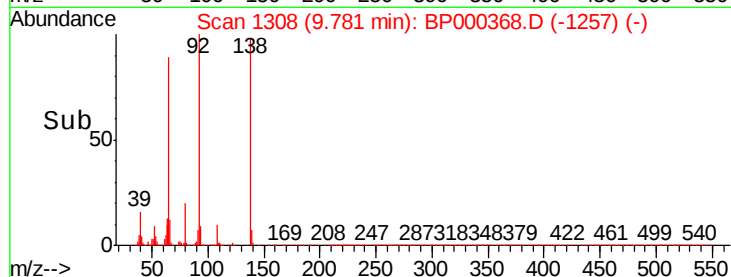
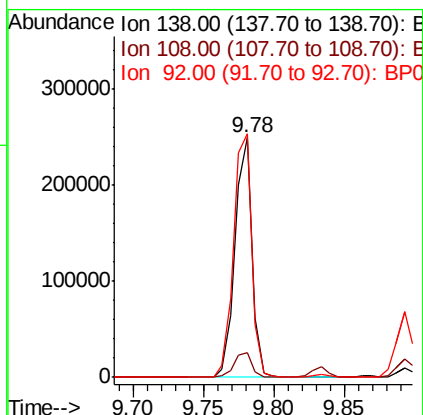
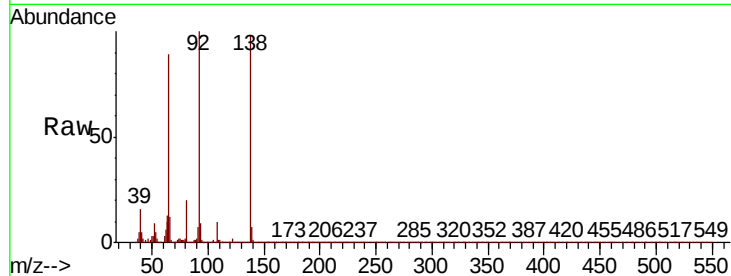




#53
3-Nitroaniline
Concen: 26.506 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

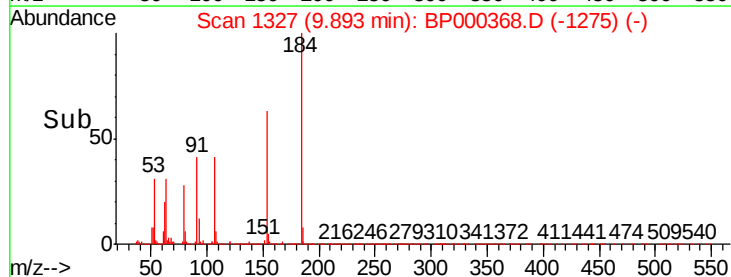
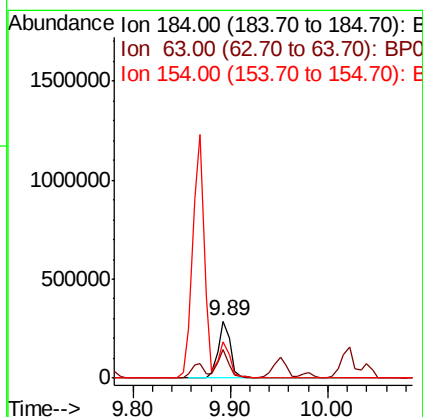
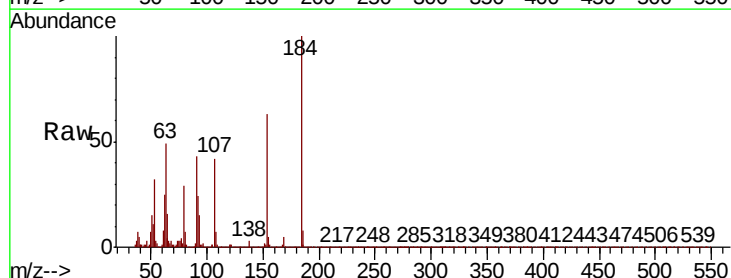
Instrument :
BNA_P
ClientSampleId :

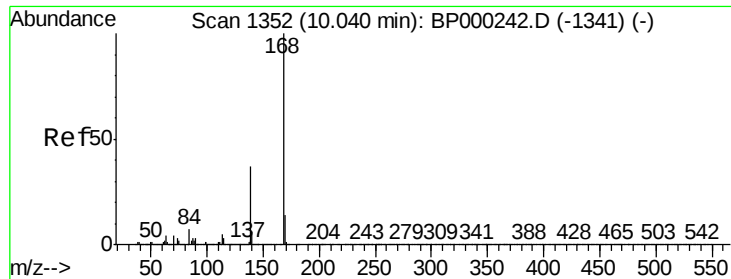
Tot Ion:138 Resp: 208957
Ion Ratio Lower Upper
138 100
108 10.5 9.1 13.7
92 101.8 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 86.502 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:184 Resp: 259554
Ion Ratio Lower Upper
184 100
63 49.2 39.5 59.3
154 63.1 48.8 73.2

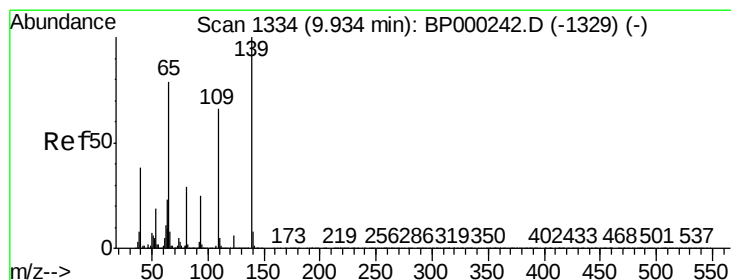
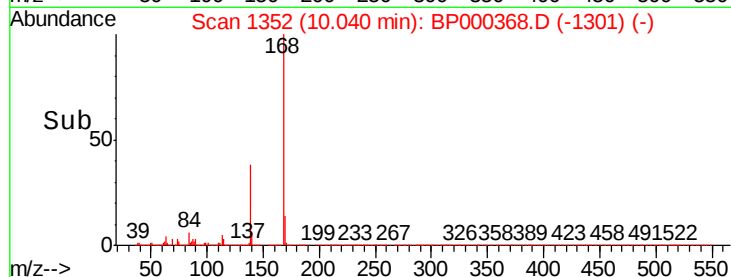
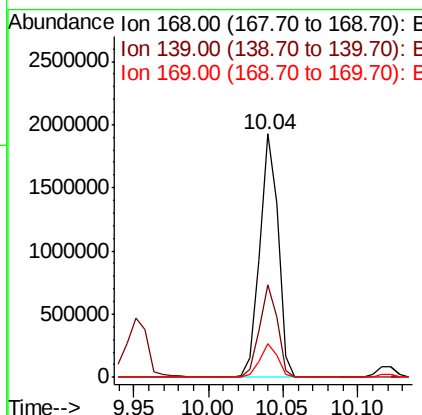
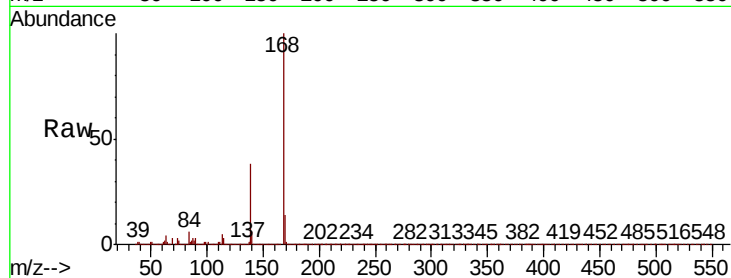




#55
Dibenzofuran
Concen: 45.808 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

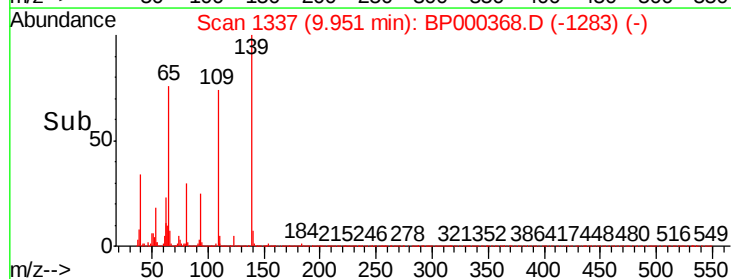
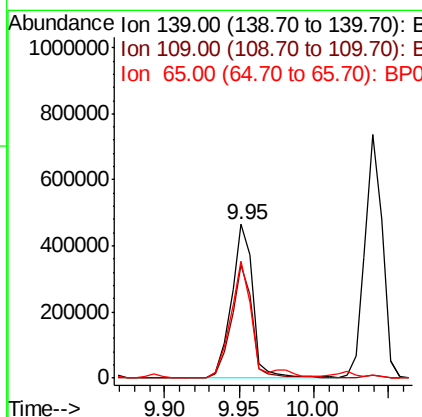
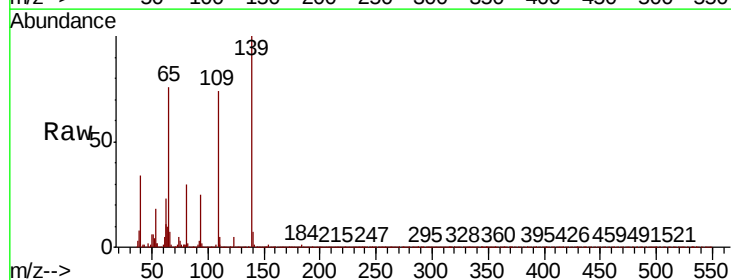
Instrument :
BNA_P
ClientSampleId :

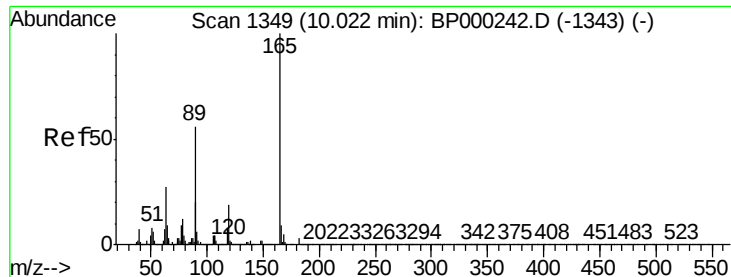
Tot Ion:168 Resp: 1616115
Ion Ratio Lower Upper
168 100
139 38.2 30.0 45.0
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 80.703 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:139 Resp: 473193
Ion Ratio Lower Upper
139 100
109 73.8 46.2 86.2
65 76.2 59.4 99.4

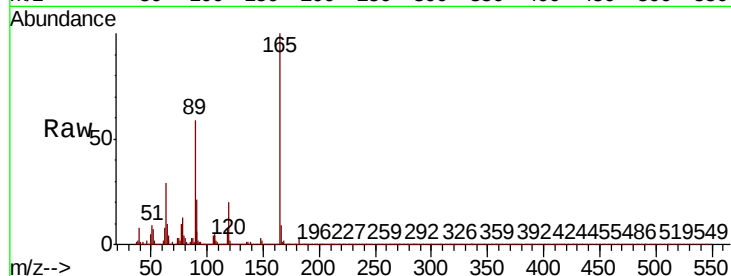




#57
2,4-Dinitrotoluene
Concen: 47.697 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	28.9	21.7	32.5
89	58.6	45.0	67.6
182	3.0	2.4	3.6



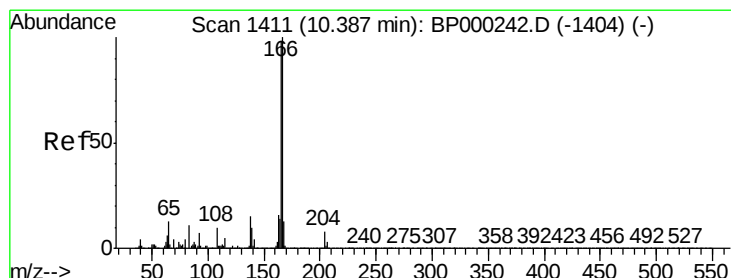
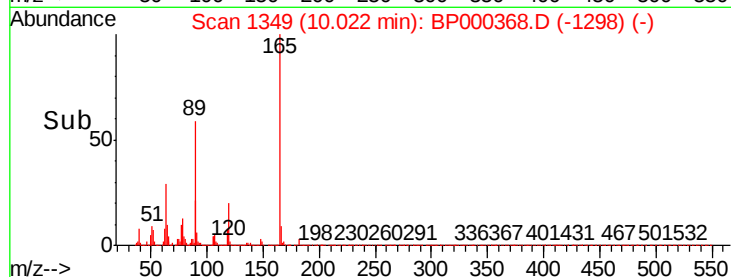
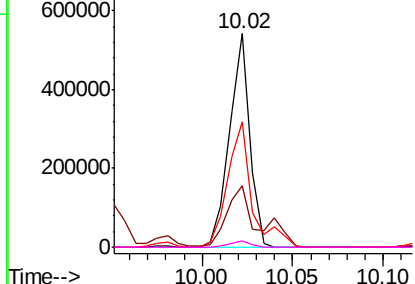
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

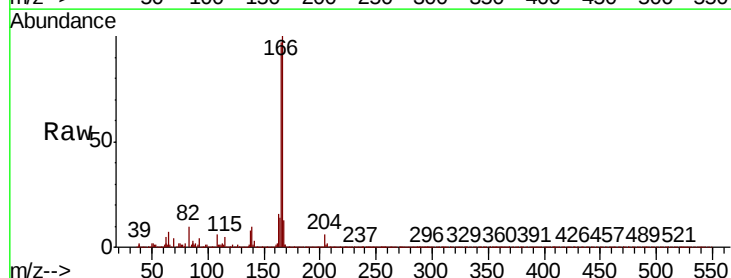
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 44.497 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.2	117.2
167	13.3	10.7	16.1

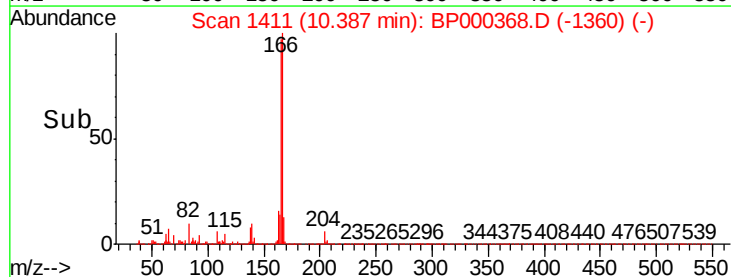
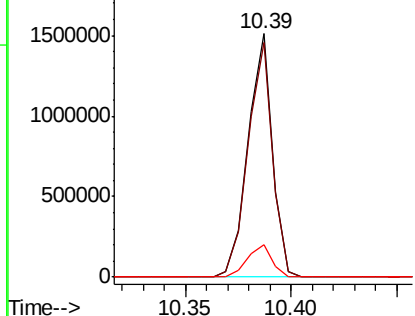


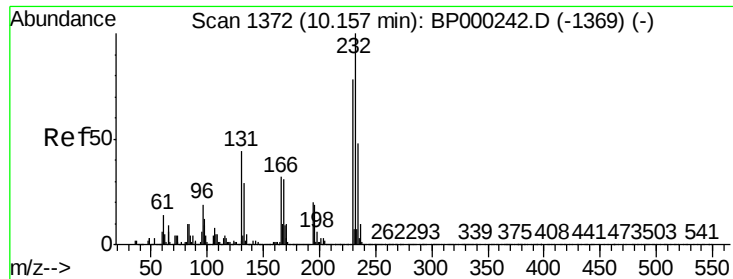
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

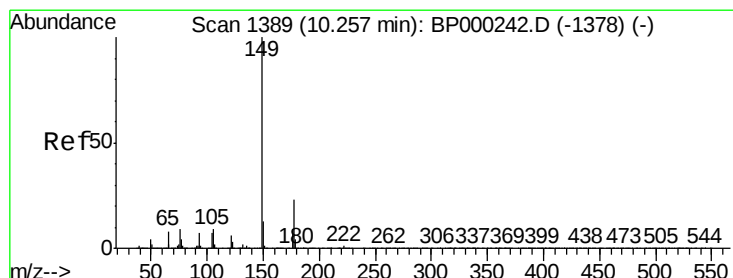
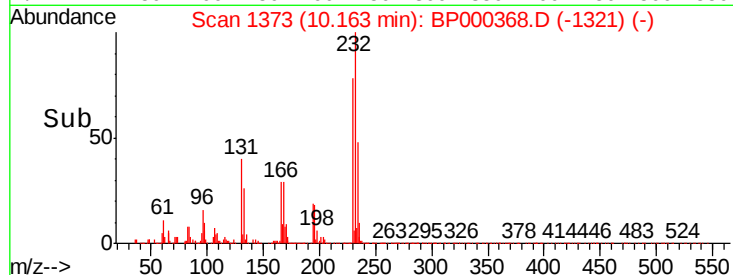
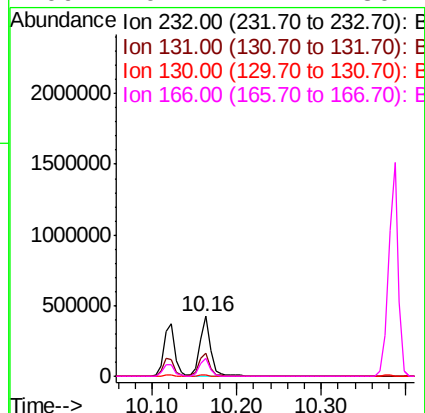
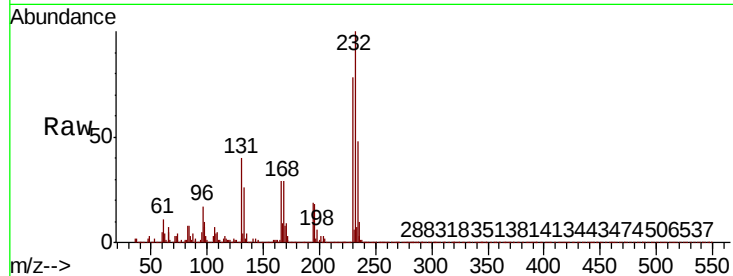




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.800 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

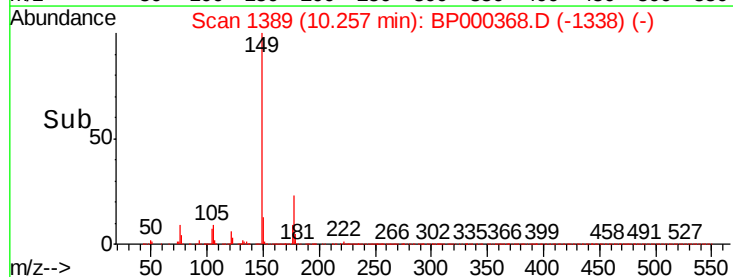
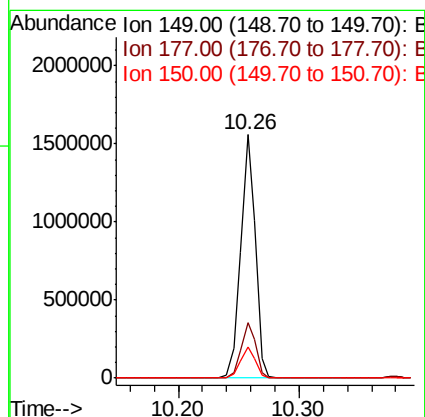
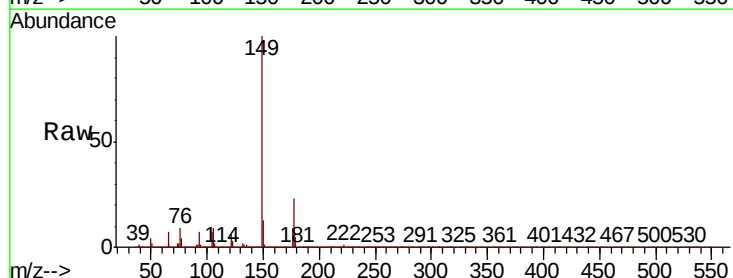
Instrument :
BNA_P
ClientSampleId :

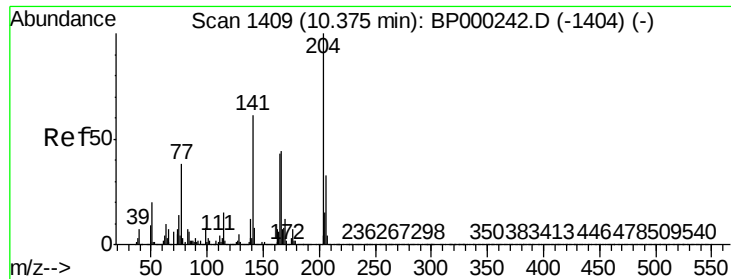
Tot Ion:232	Resp:	361250
Ion Ratio	Lower	Upper
232	100	
131	40.5	33.6 50.4
130	2.2	1.8 2.6
166	29.4	24.2 36.2



#60
Diethylphthalate
Concen: 44.264 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:149	Resp:	1315256
Ion Ratio	Lower	Upper
149	100	
177	23.0	18.1 27.1
150	13.0	10.3 15.5

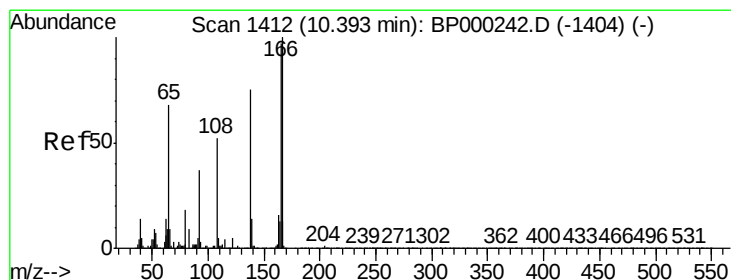
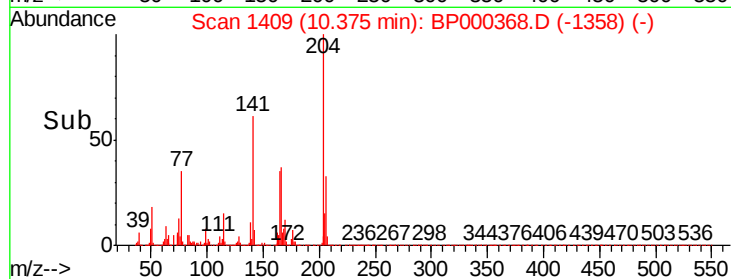
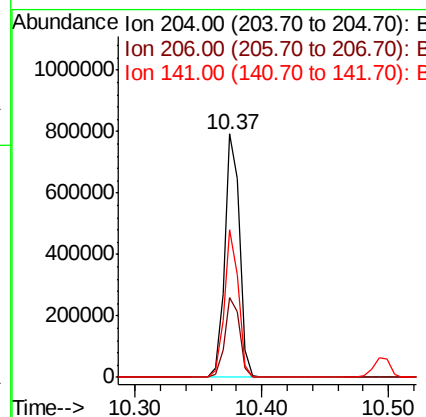
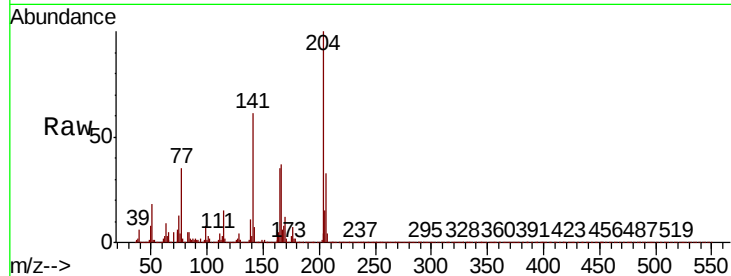




#61
4-Chlorophenyl-phenylether
Concen: 46.430 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

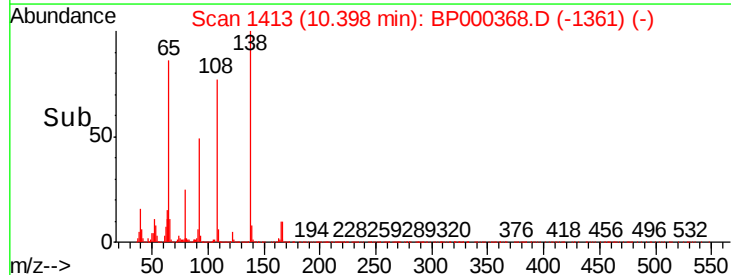
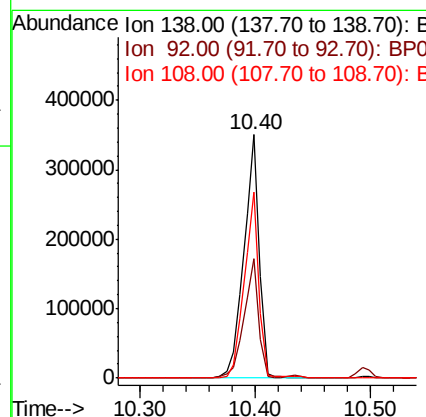
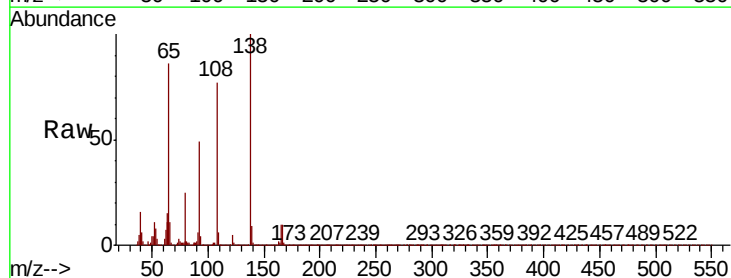
Instrument :
BNA_P
ClientSampled :

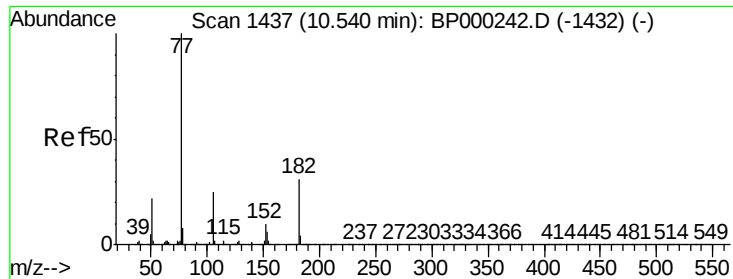
Tot Ion:204 Resp: 649451
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 60.8 48.6 72.8



#62
4-Nitroaniline
Concen: 41.809 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:138 Resp: 324189
Ion Ratio Lower Upper
138 100
92 48.8 30.1 70.1
108 76.6 49.5 89.5

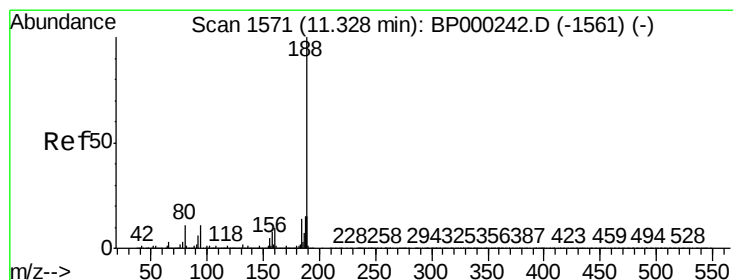
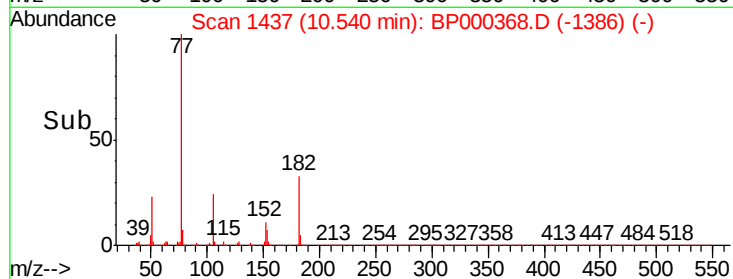
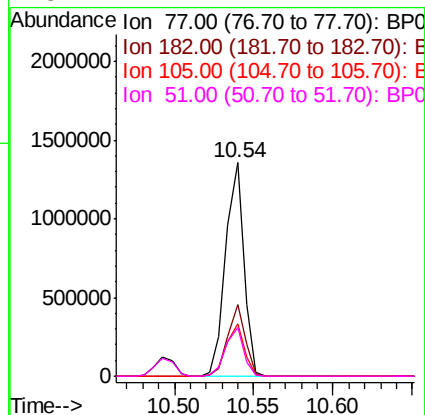
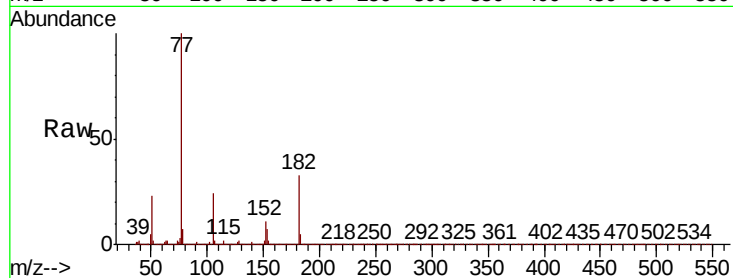




#63
Azobenzene
Concen: 43.131 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

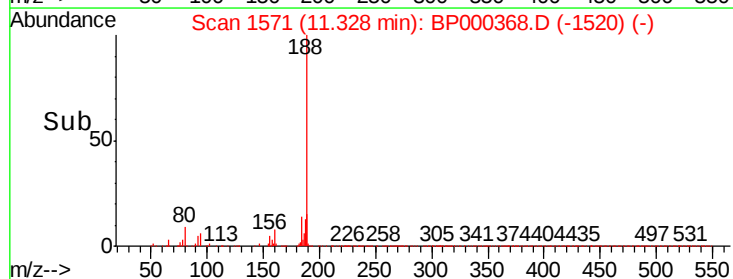
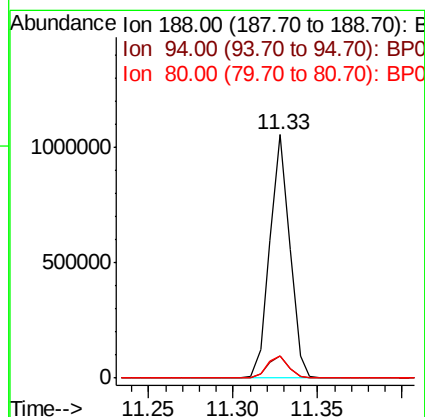
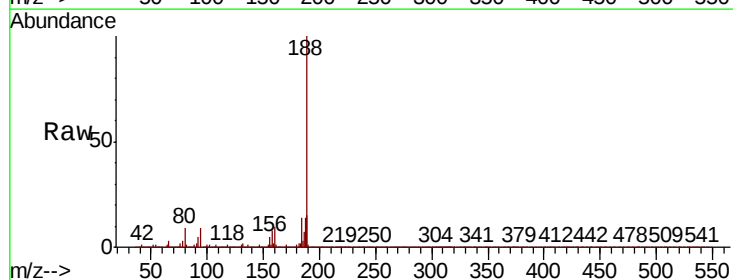
Instrument :
BNA_P
ClientSampleId :

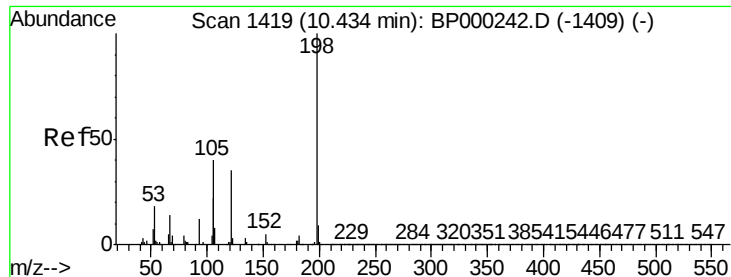
Tot Ion: 77 Resp: 1085779
Ion Ratio Lower Upper
77 100
182 33.4 11.1 51.1
105 24.5 4.7 44.7
51 22.7 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:188 Resp: 864961
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.3 8.6 13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 45.788 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

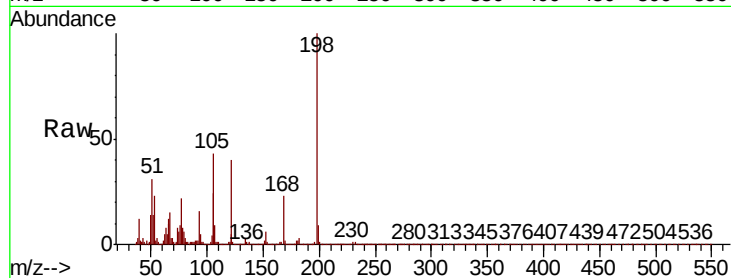
Tot Ion:198 Resp: 186223

Ion Ratio Lower Upper

198 100

51 30.6 7.4 47.4

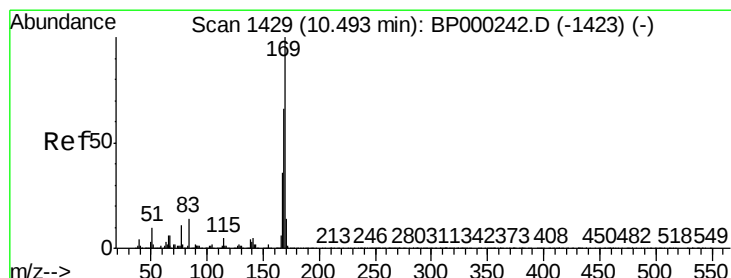
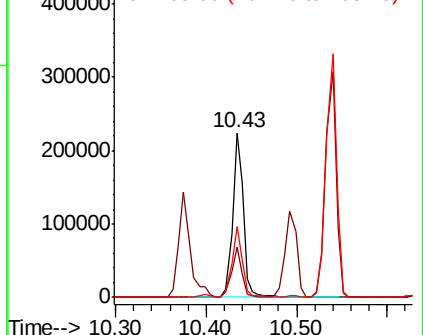
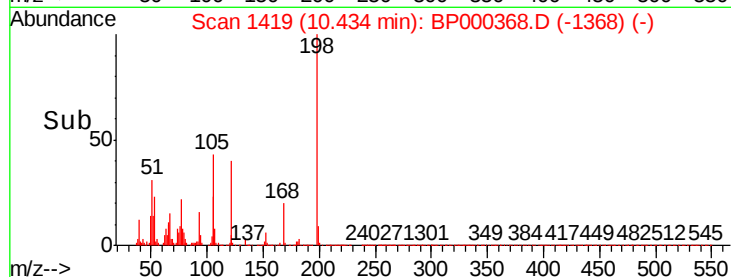
105 42.9 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.369 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

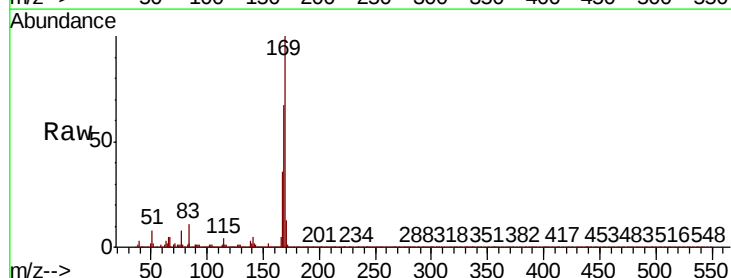
Tgt Ion:169 Resp: 1129265

Ion Ratio Lower Upper

169 100

168 67.4 52.9 79.3

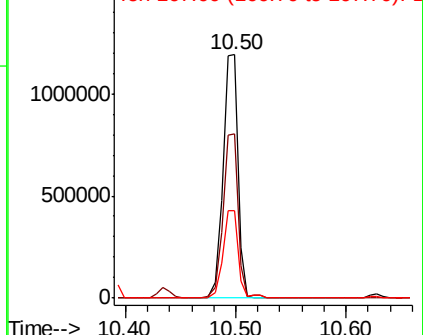
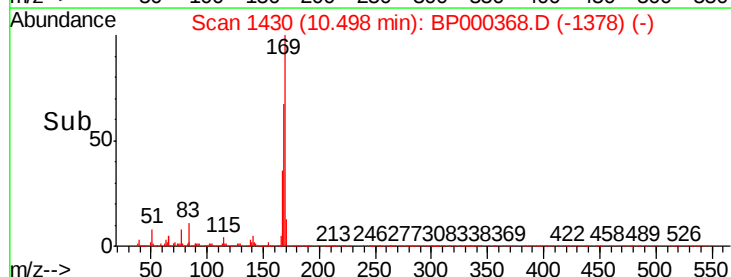
167 36.1 29.0 43.6

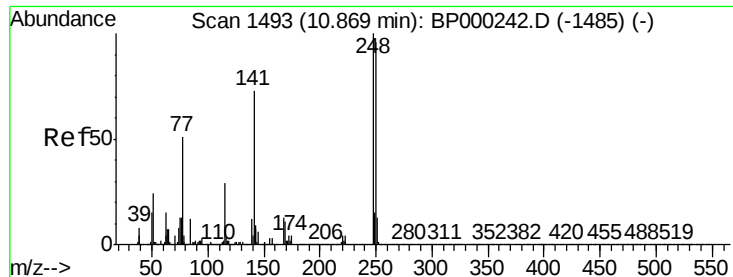


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

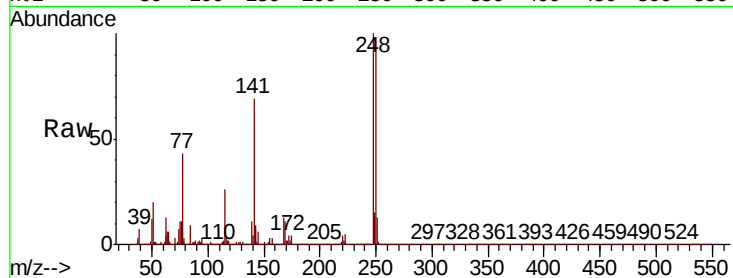




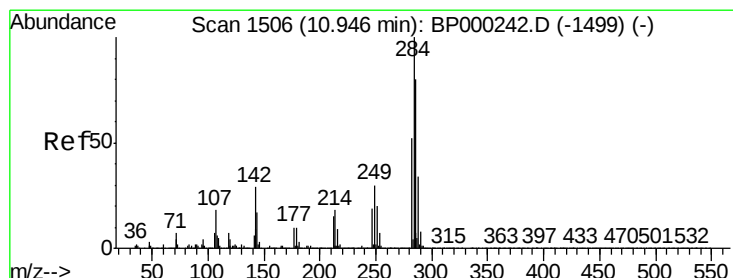
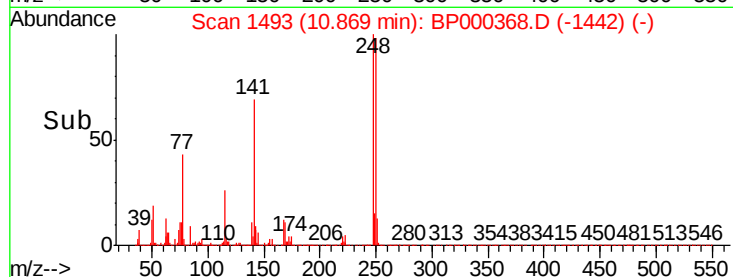
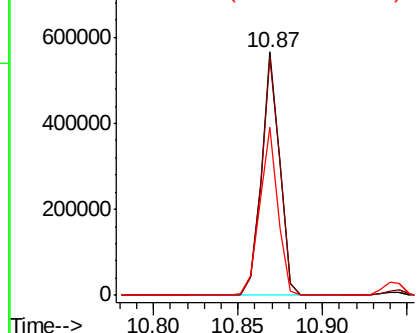
#67
4-Bromophenyl-phenylether
Concen: 43.824 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 428644
Ion Ratio Lower Upper
248 100
250 98.0 77.0 115.4
141 68.9 58.5 87.7

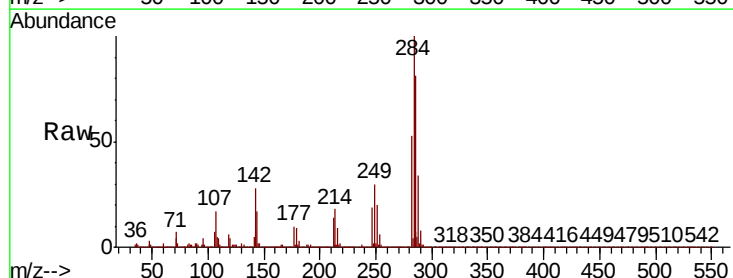


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

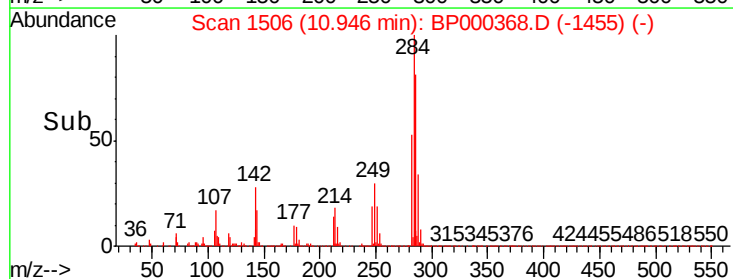
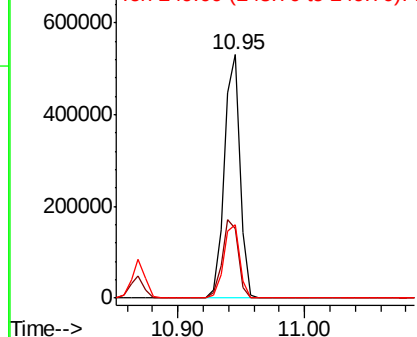


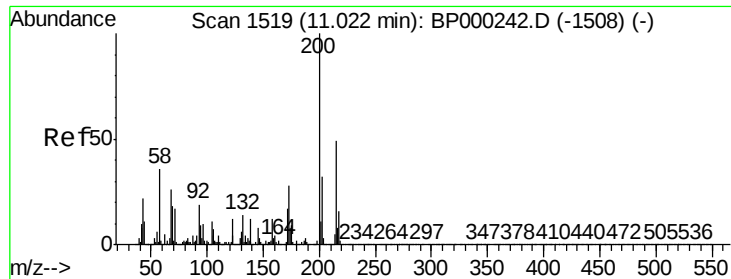
#68
Hexachlorobenzene
Concen: 42.816 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:284 Resp: 457840
Ion Ratio Lower Upper
284 100
142 28.5 23.6 35.4
249 30.4 24.3 36.5



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

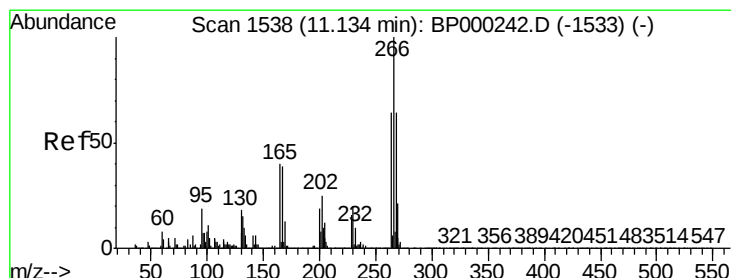
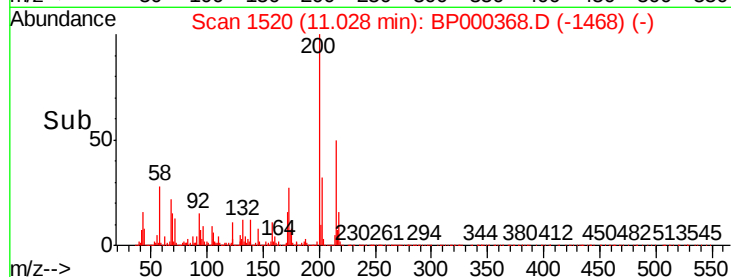
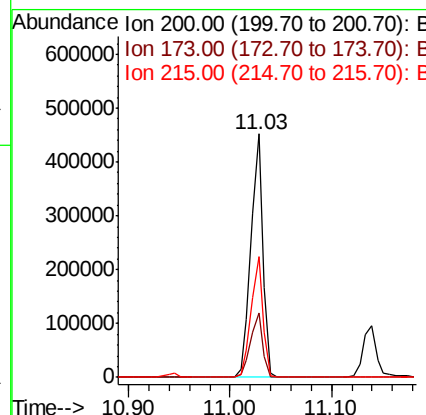
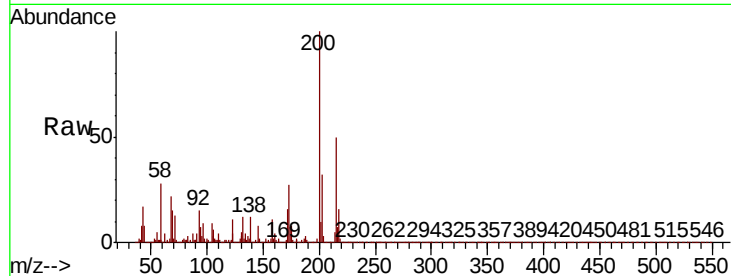




#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

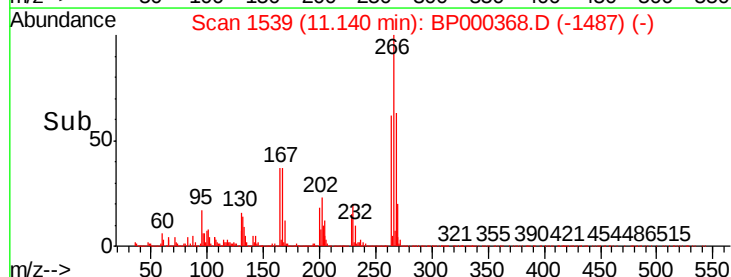
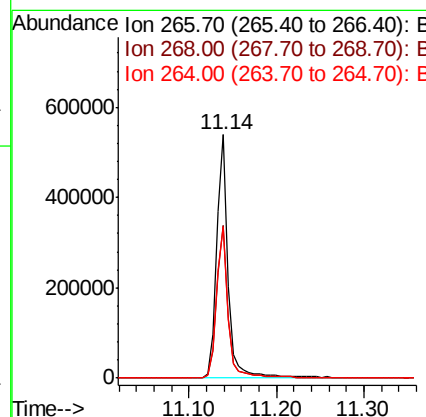
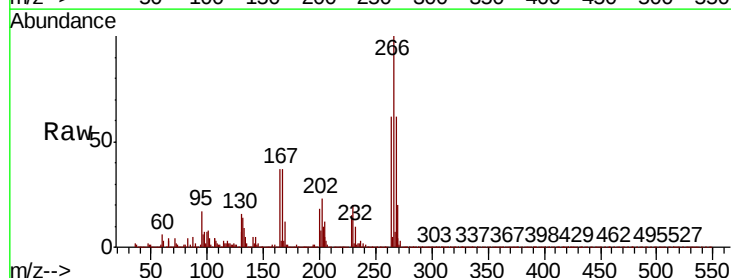
Instrument :
BNA_P
ClientSampleId :

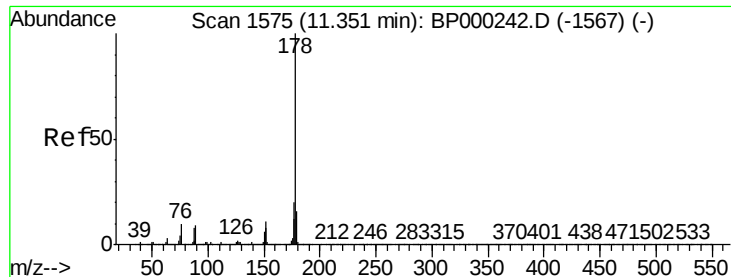
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.6	47.6
215	49.8	28.6	68.6



#70
Pentachlorophenol
Concen: 84.720 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	51.6	77.4
264	62.0	50.8	76.2

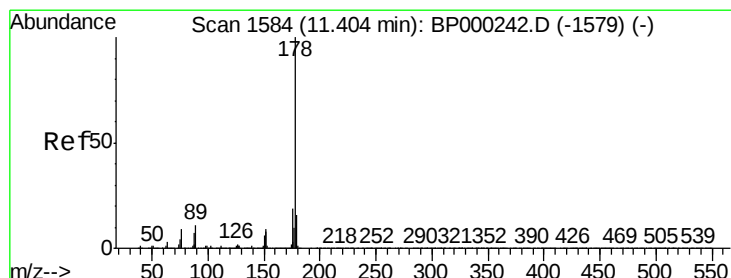
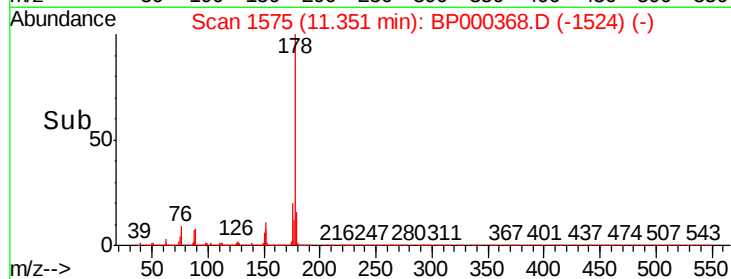
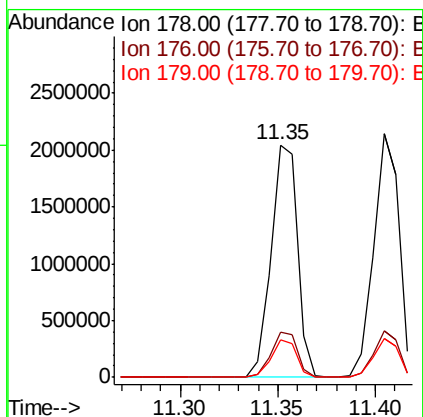
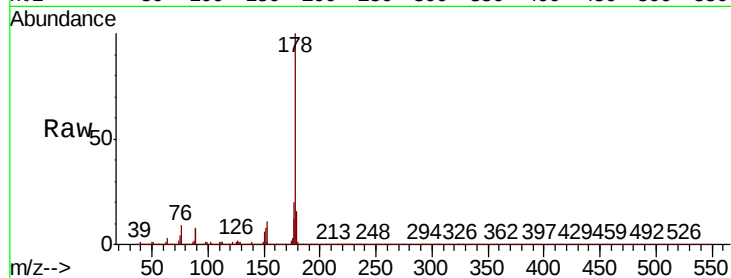




#71
Phenanthrene
Concen: 44.201 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

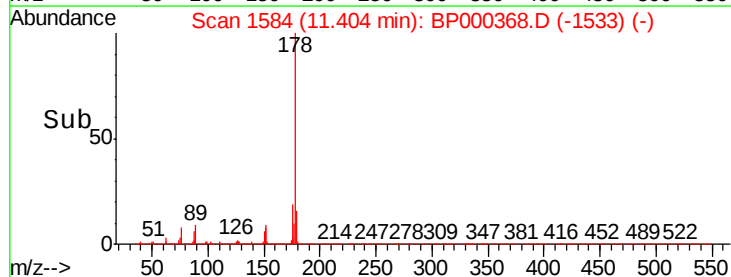
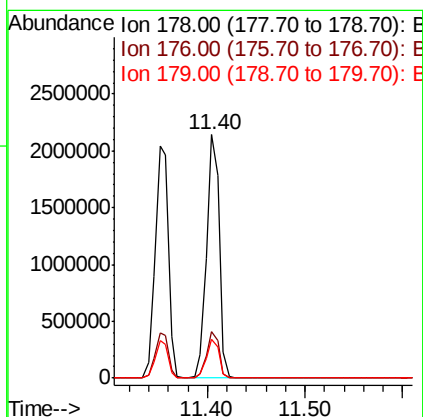
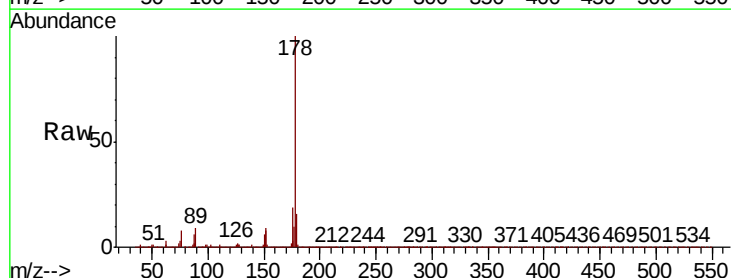
Instrument :
BNA_P
ClientSampled :

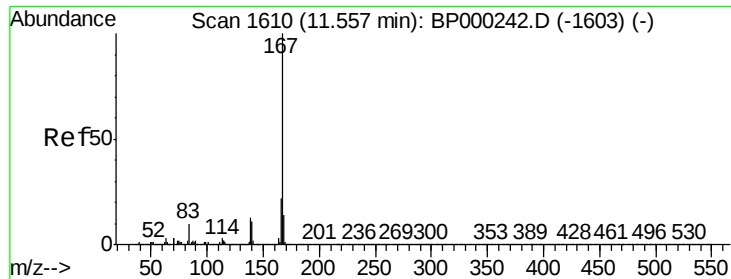
Tot Ion:178 Resp: 1915901
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 16.0 12.7 19.1



#72
Anthracene
Concen: 43.159 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:178 Resp: 1925591
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 16.1 12.7 19.1



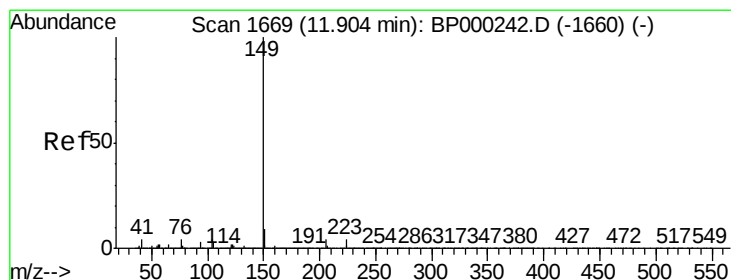
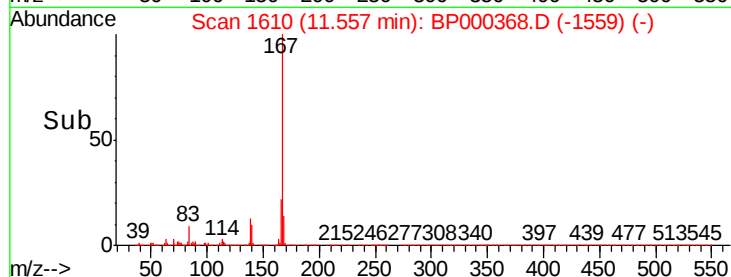
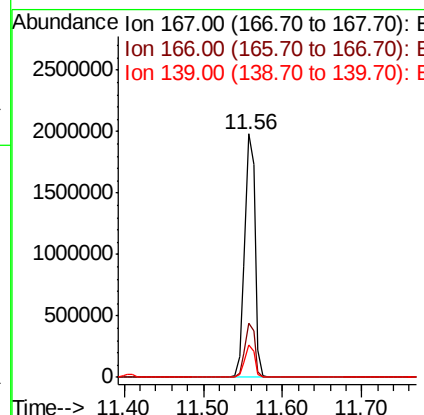
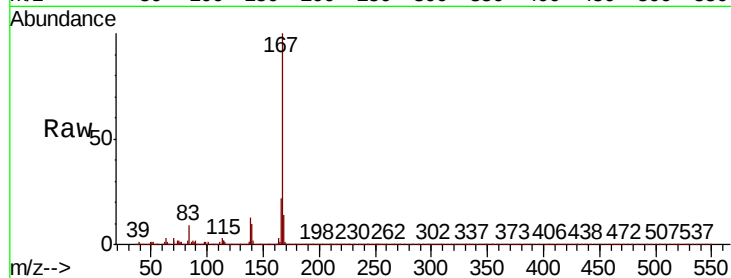


#73
 Carbazole
 Concen: 44.477 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 1787070

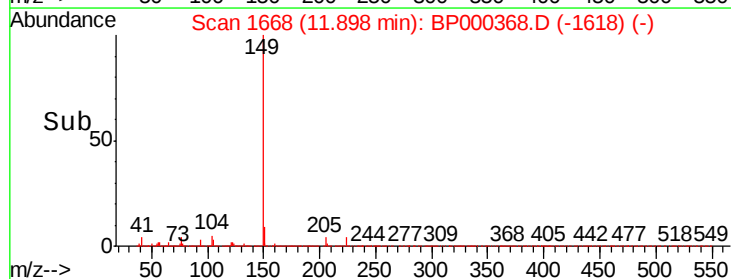
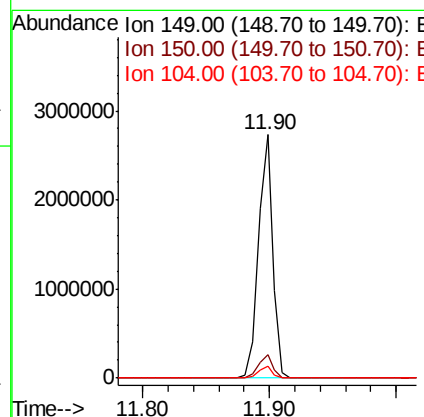
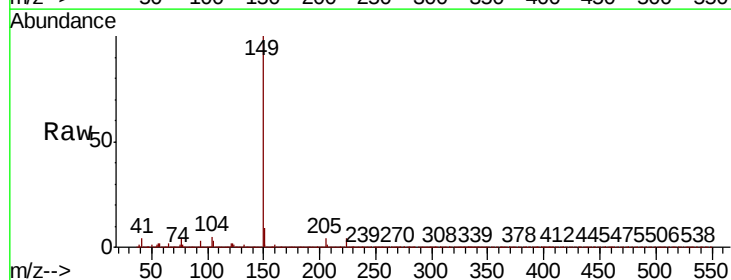
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	13.2	10.8	16.2

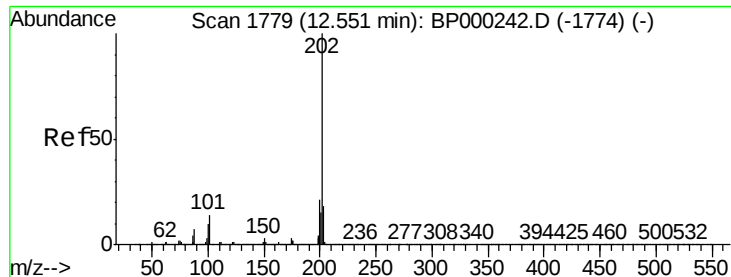


#74
 Di-n-butylphthalate
 Concen: 42.543 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Tgt Ion:149 Resp: 2163641

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.8	3.5	5.3





#75

Fluoranthene

Concen: 46.631 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

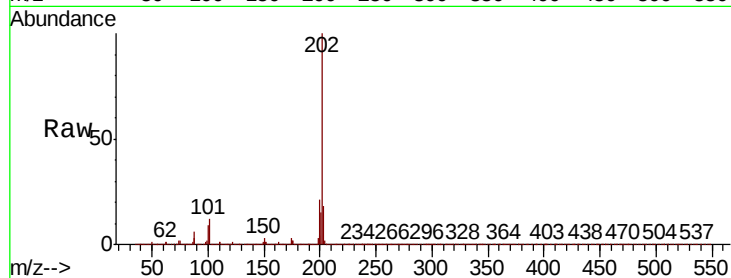
Tot Ion:202 Resp: 2170392

Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.9

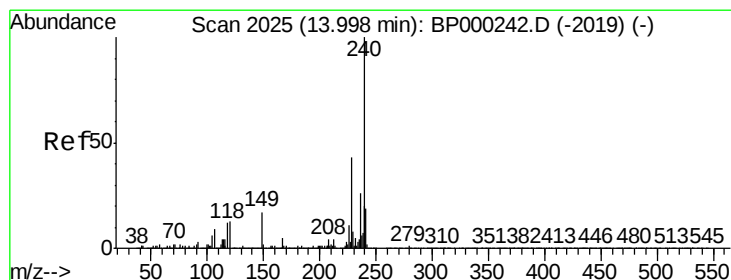
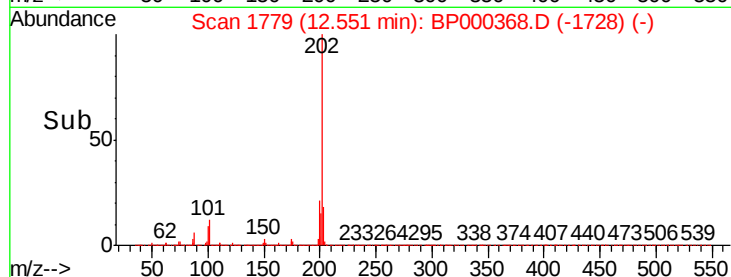
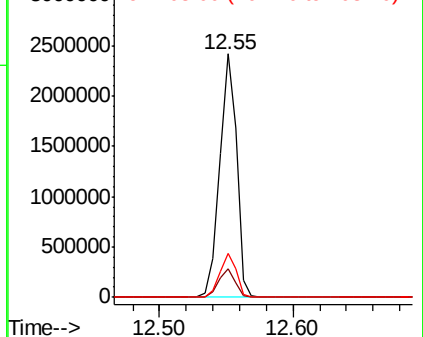
203 17.9 0.0 38.0



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: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

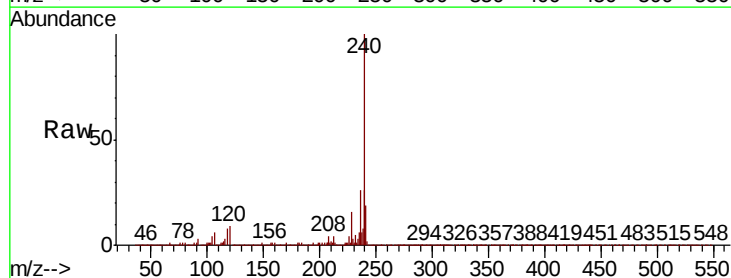
Tgt Ion:240 Resp: 690896

Ion Ratio Lower Upper

240 100

120 9.4 10.4 15.6#

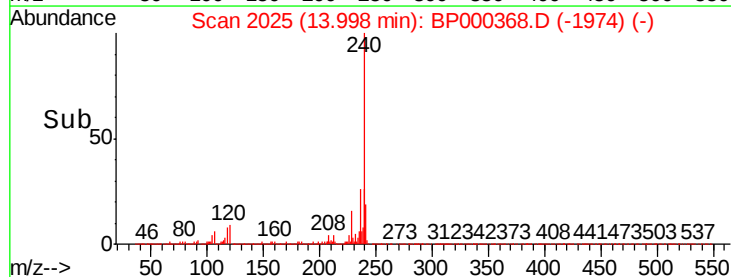
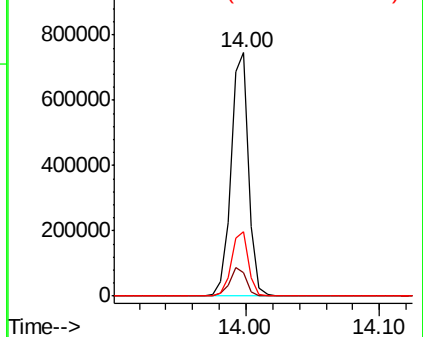
236 26.3 21.0 31.6

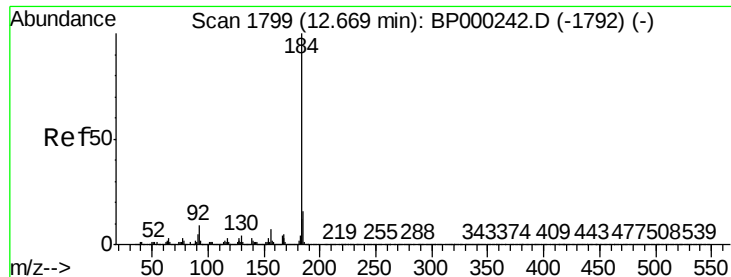


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.030 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

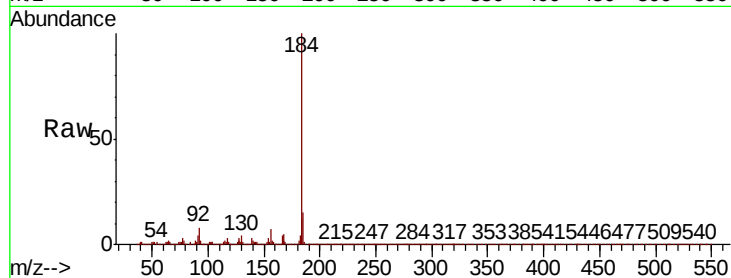
Tot Ion:184 Resp: 987744

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.7	19.1
183	12.2	9.5	14.3

184 100

185 14.9 12.7 19.1

183 12.2 9.5 14.3

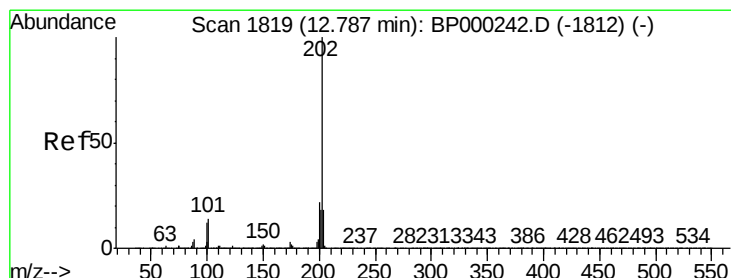
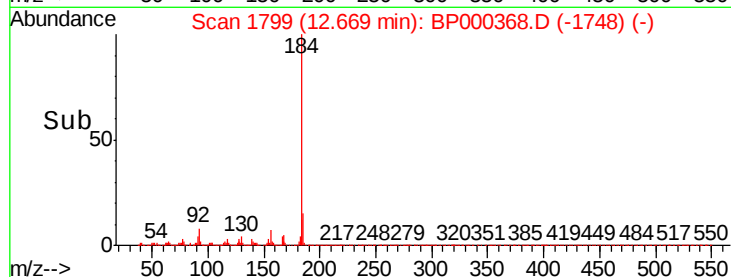
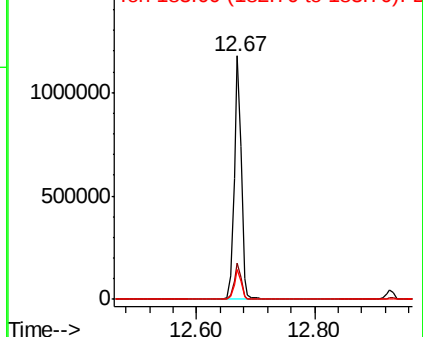


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.048 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

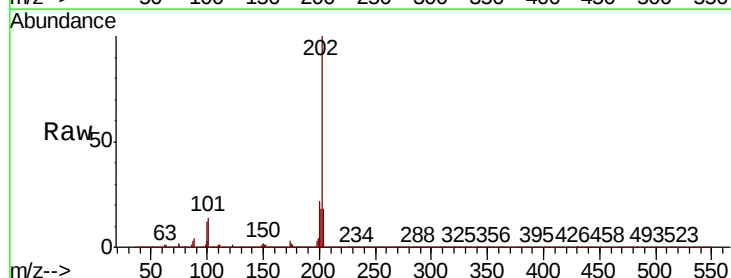
Tgt Ion:202 Resp: 2173473

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	18.1	14.3	21.5

202 100

200 21.8 17.5 26.3

203 18.1 14.3 21.5

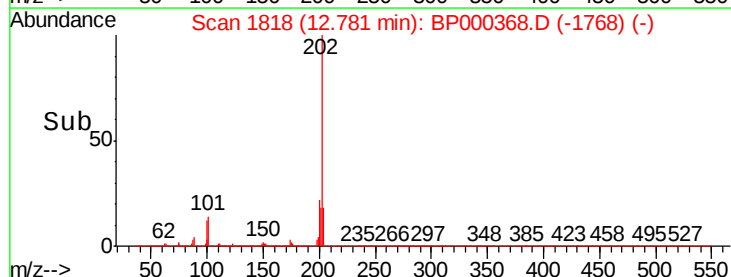
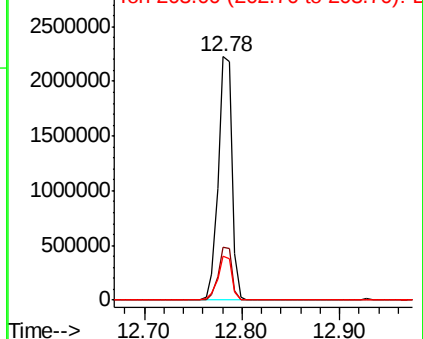


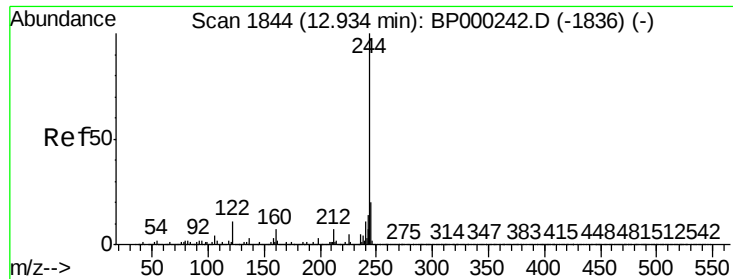
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 91.895 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

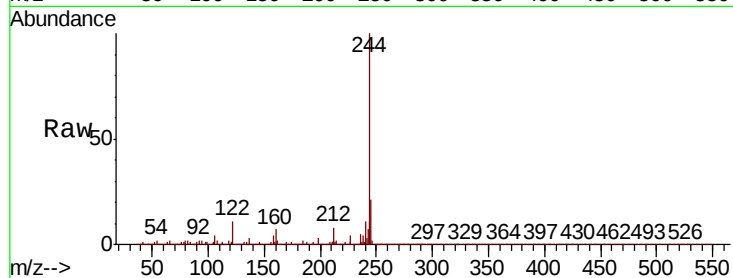
Tot Ion:244 Resp: 3026431

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

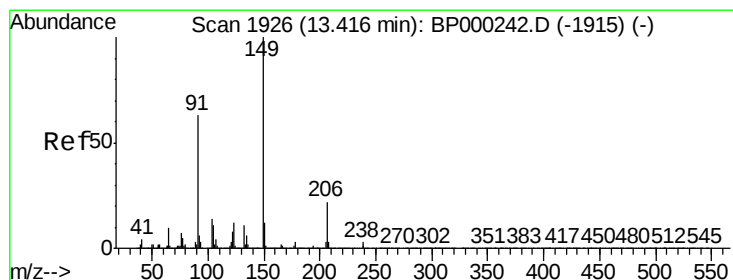
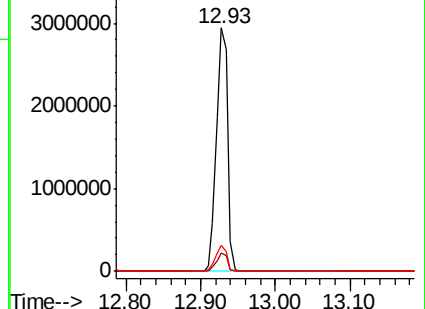
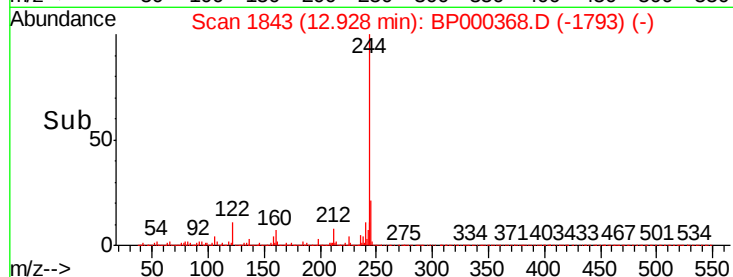
122 10.6 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.699 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

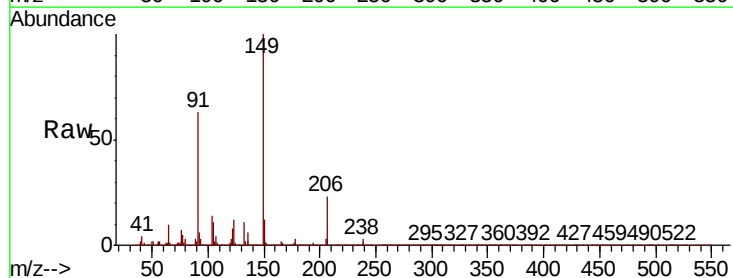
Tgt Ion:149 Resp: 942918

Ion Ratio Lower Upper

149 100

91 63.3 50.6 76.0

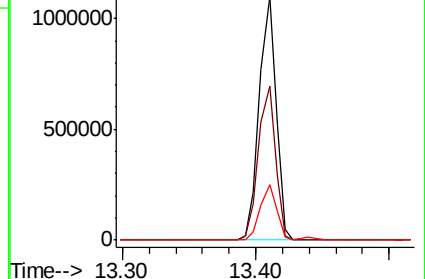
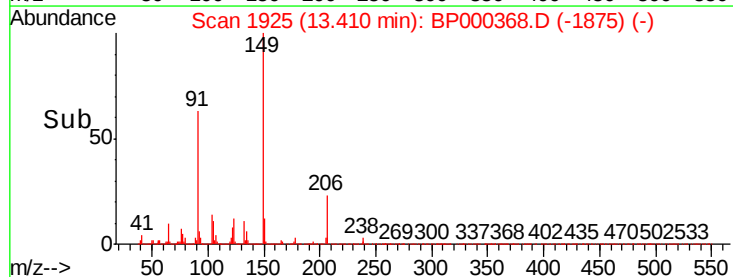
206 22.8 17.8 26.6

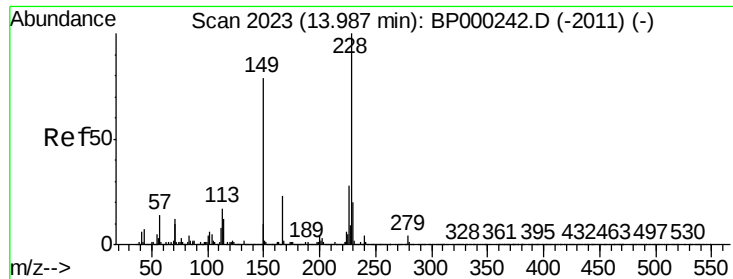


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

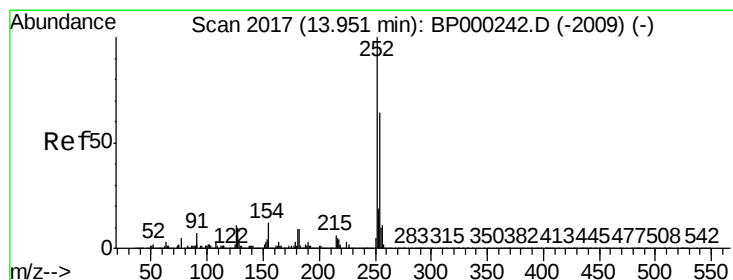
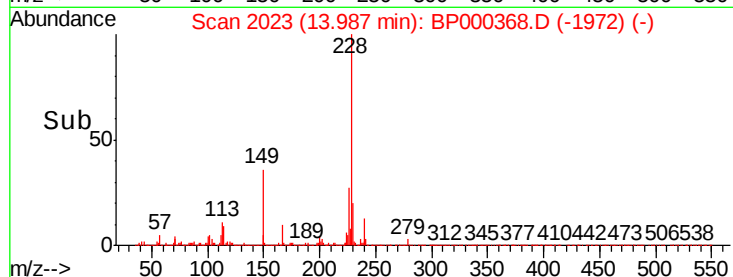
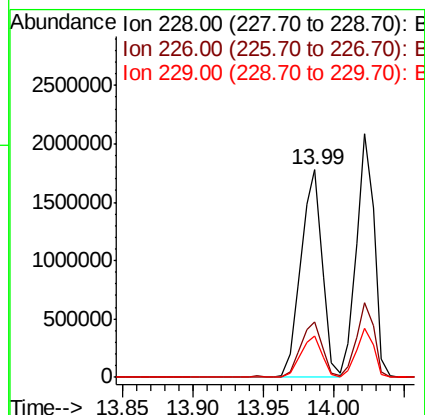
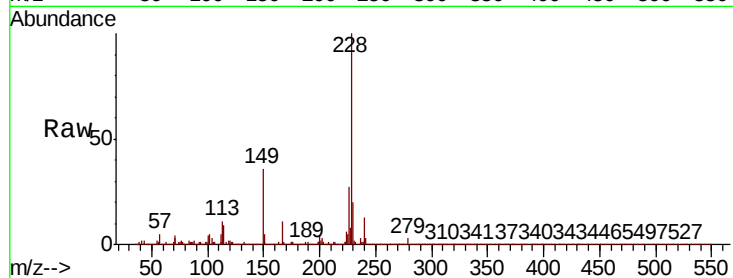




#81
Benzo(a)anthracene
Concen: 42.744 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

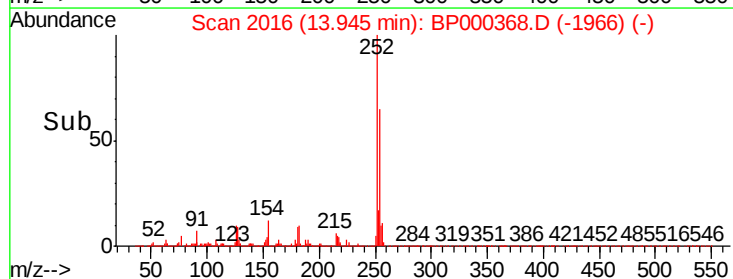
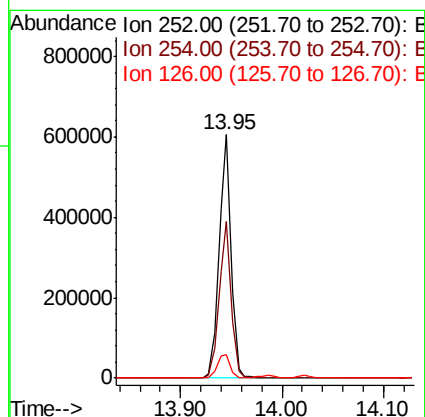
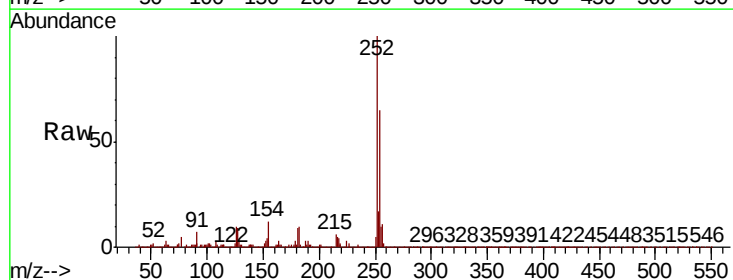
Instrument :
BNA_P
ClientSampleId :

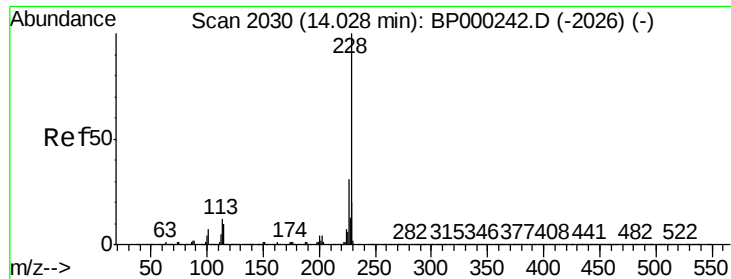
Tot Ion:228 Resp: 1865425
Ion Ratio Lower Upper
228 100
226 27.0 22.2 33.4
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 28.222 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:252 Resp: 494999
Ion Ratio Lower Upper
252 100
254 64.6 51.5 77.3
126 9.8 8.4 12.6





#83

Chrysene

Concen: 42.617 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

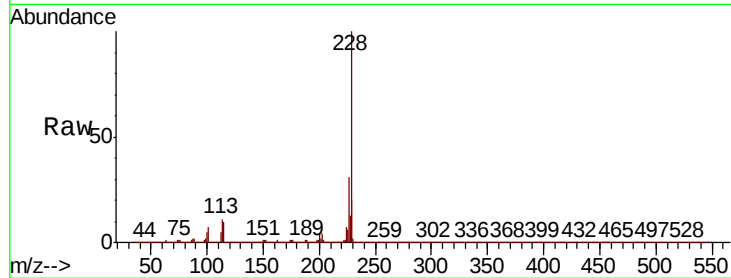
Tot Ion:228 Resp: 1826164

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

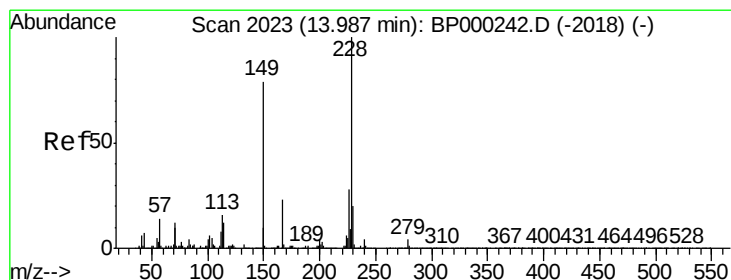
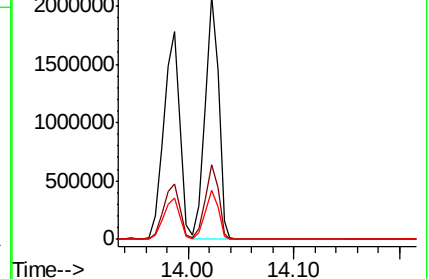
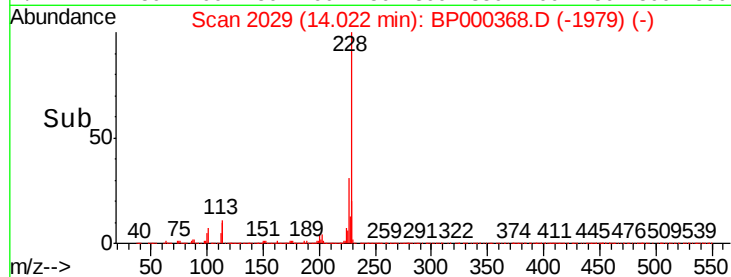
229 20.2 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.304 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

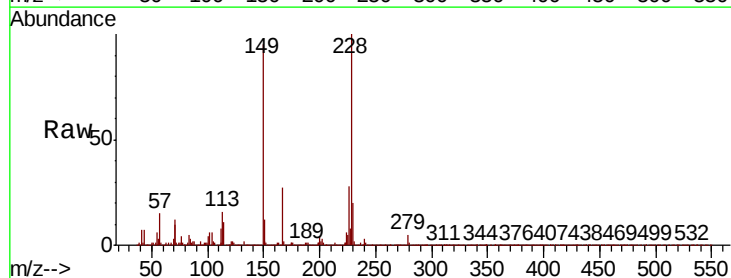
Tgt Ion:149 Resp: 1206160

Ion Ratio Lower Upper

149 100

167 29.0 23.0 34.4

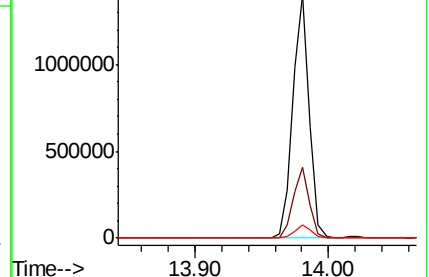
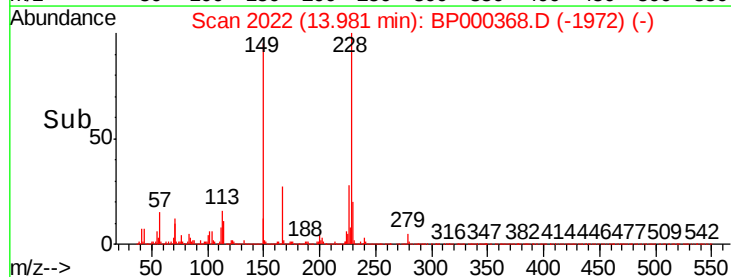
279 5.4 3.7 5.5

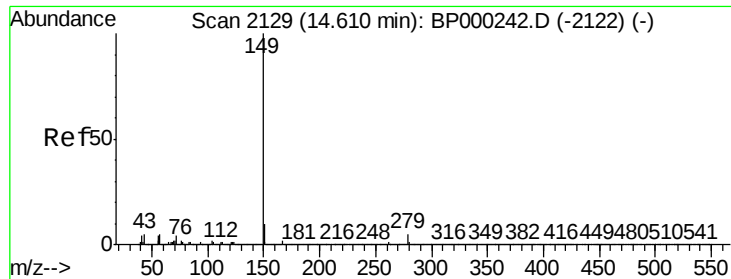


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.093 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

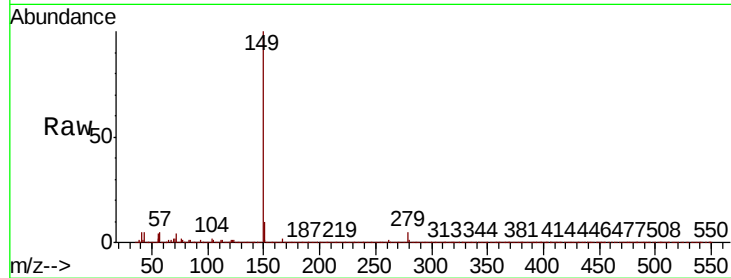
Tot Ion:149 Resp: 2224345

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

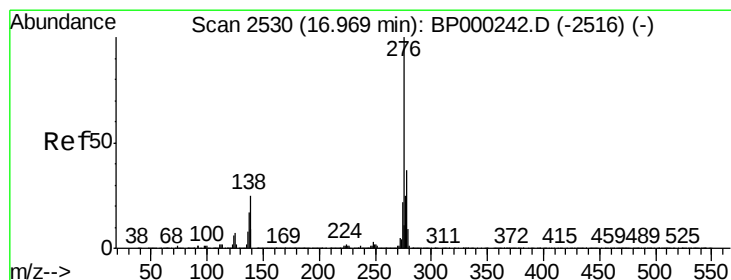
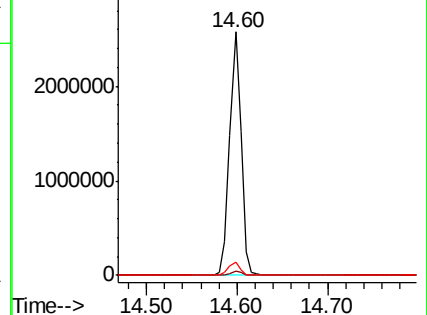
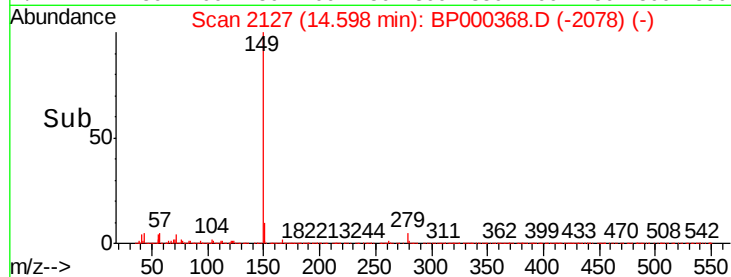
43 5.5 5.0 7.6



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: 49.411 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

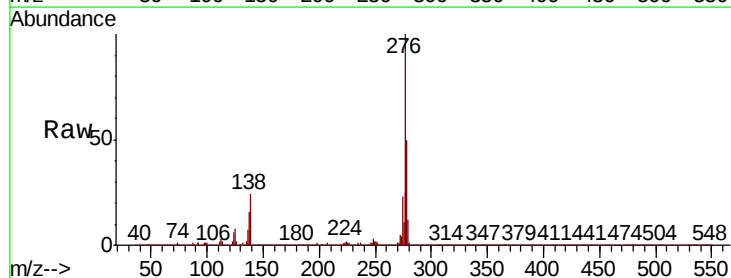
Tgt Ion:276 Resp: 2580820

Ion Ratio Lower Upper

276 100

138 26.0 22.6 33.8

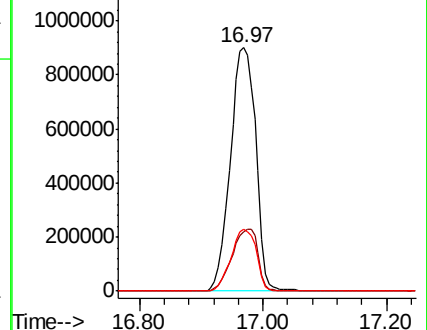
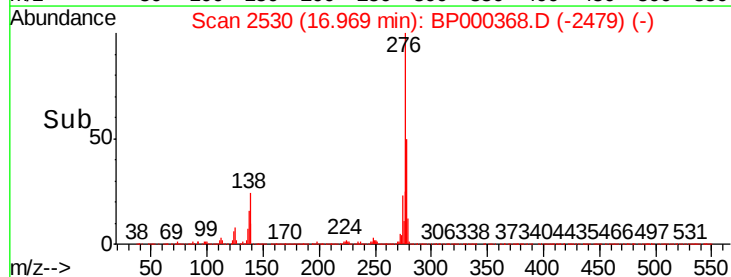
277 25.5 20.4 30.6

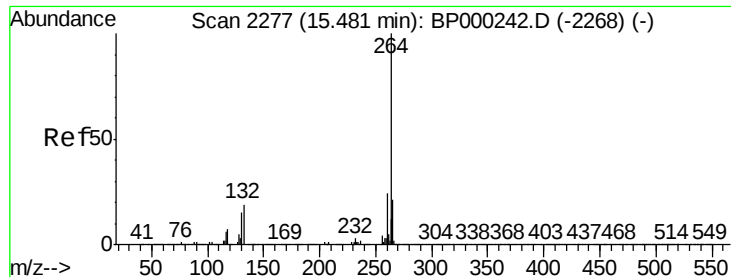


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampled :

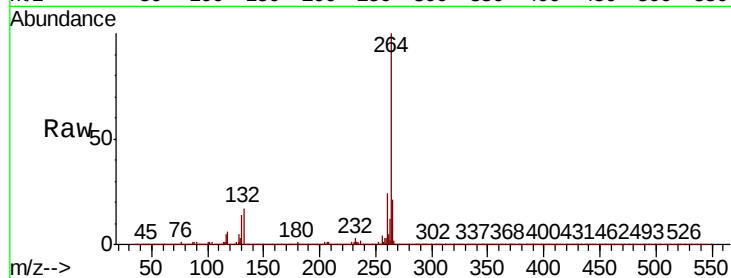
Tot Ion:264 Resp: 851565

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

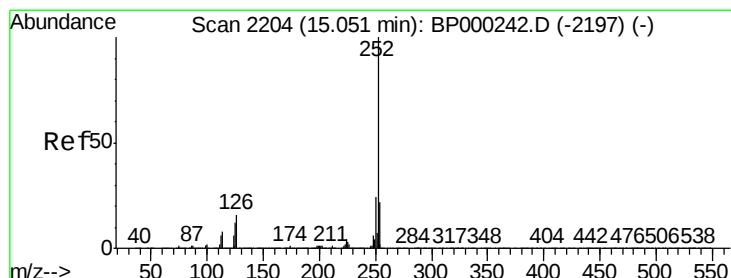
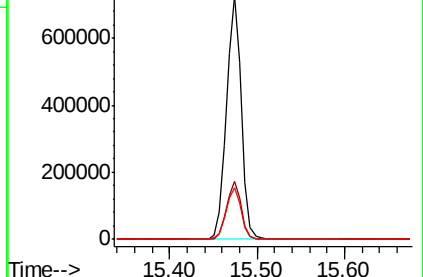
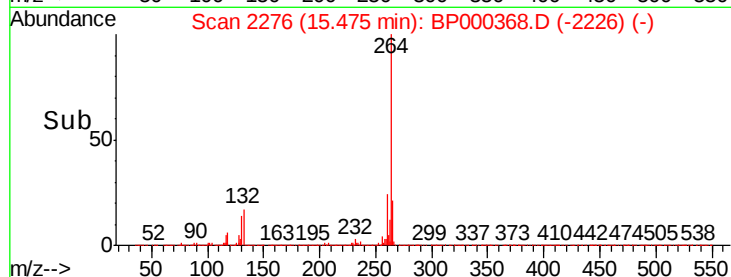
265 21.1 17.2 25.8



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: 42.321 ng

RT: 15.05 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

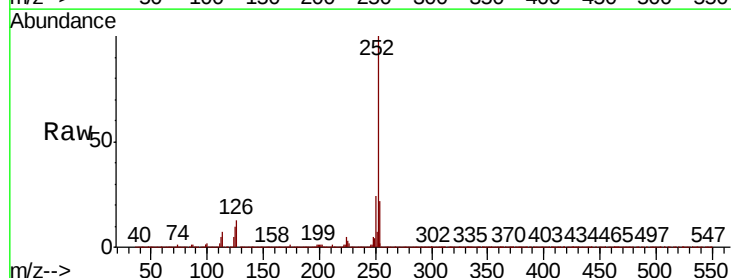
Tgt Ion:252 Resp: 2149986

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

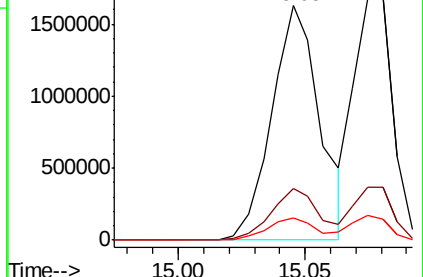
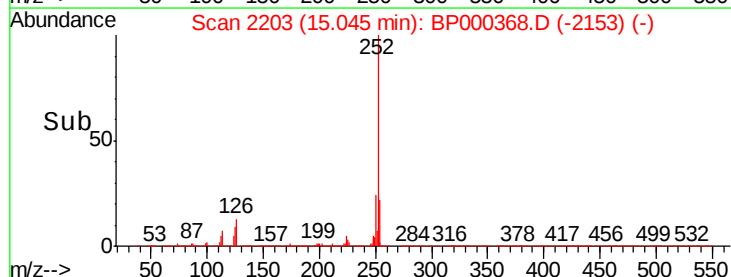
125 9.5 9.5 14.3#

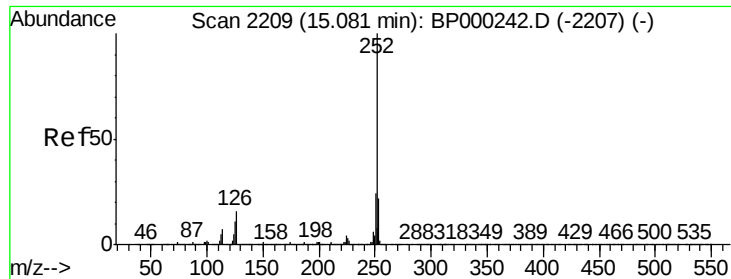


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

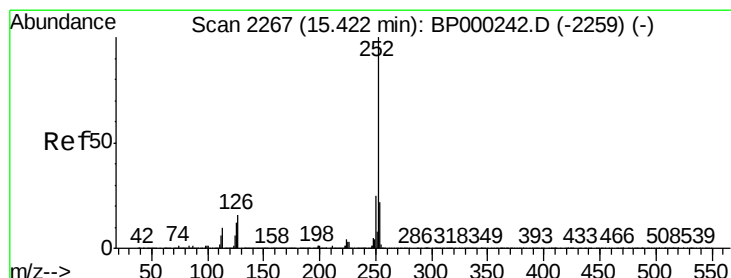
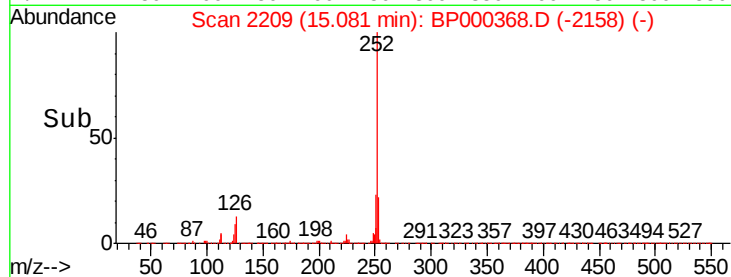
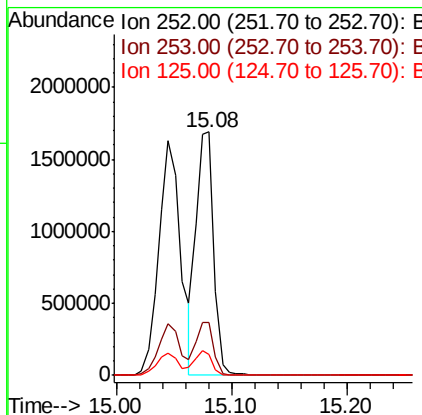
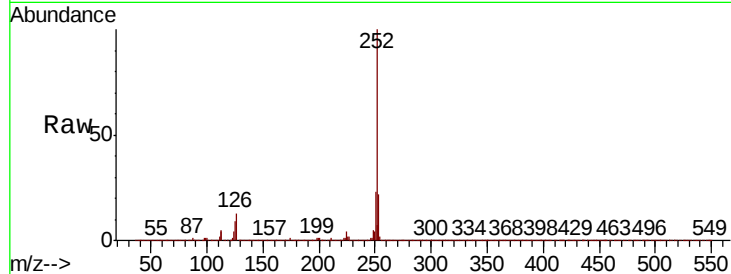




#89
Benzo(k)fluoranthene
Concen: 40.872 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

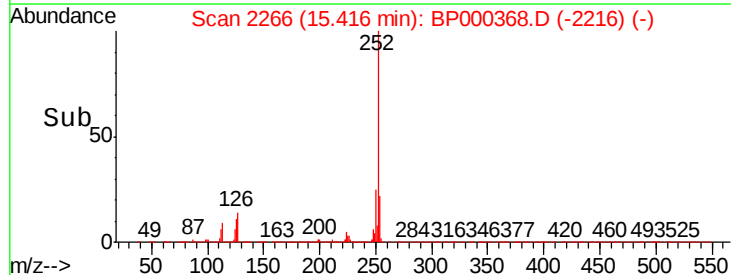
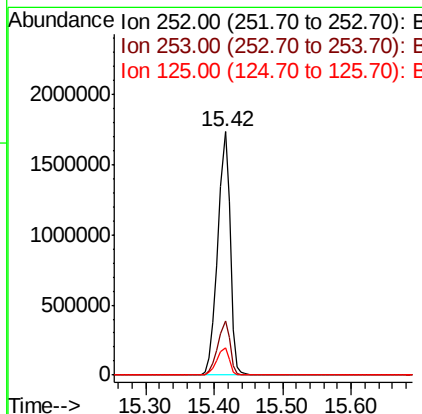
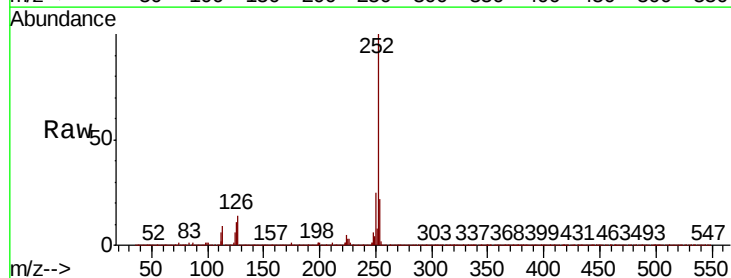
Instrument :
BNA_P
ClientSampleId :

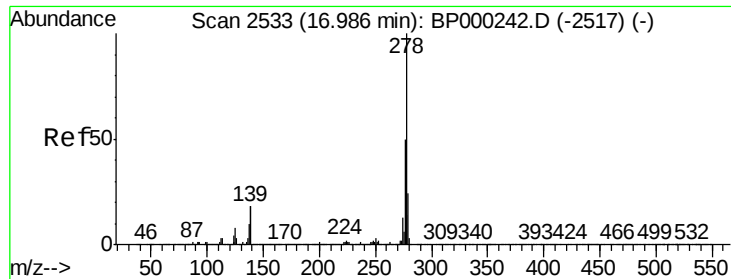
Tot Ion:252 Resp: 1811167
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 8.7 9.6 14.4#



#90
Benzo(a)pyrene
Concen: 46.400 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:252 Resp: 2144818
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 11.4 10.0 15.0



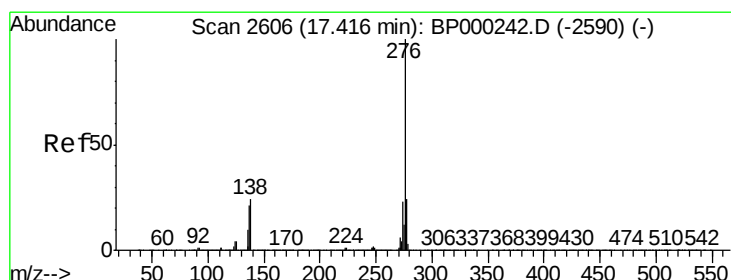
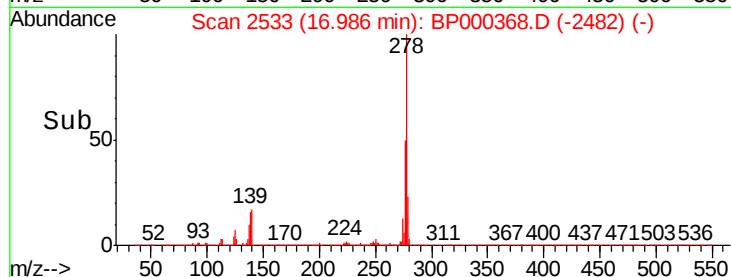
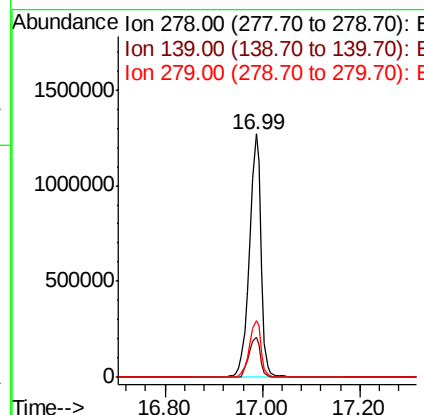
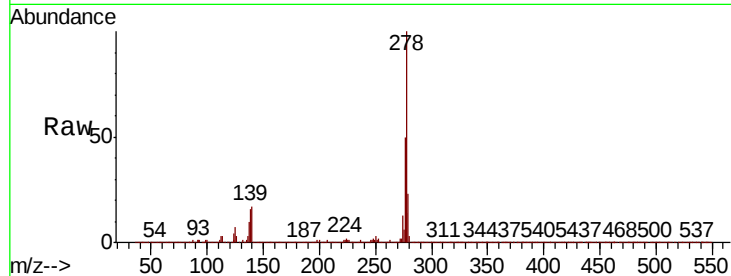


#91
Dibenzo(a,h)anthracene
Concen: 48.825 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 2104233

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.5	21.7
279	23.3	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 50.003 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion:276 Resp: 2215074

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	22.7	19.5	29.3

