

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000242.D
 Acq On : 16 Sep 2019 16:36
 Operator : HP/JU
 Sample : SSTDICC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 16 17:24:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 17:15:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	279299	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1041434	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	557876	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	996398	20.00	ng	0.00
76) Chrysene-d12	14.00	240	749941	20.00	ng	0.00
87) Perylene-d12	15.48	264	868597	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1399282	79.89	ng	0.00
7) Phenol-d6	6.42	99	1698686	76.82	ng	0.00
23) Nitrobenzene-d5	7.35	82	1380542	81.34	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	473333	100.66	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2761839	82.68	ng	0.00
79) Terphenyl-d14	12.93	244	3053822	88.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.50	88	309437	38.408	ng	100
3) Pyridine	3.25	79	839329	38.668	ng	100
4) n-Nitrosodimethylamine	3.19	42	230675	32.911	ng	100
6) Aniline	6.45	93	1175994	36.750	ng	100
8) 2-Chlorophenol	6.58	128	742167	40.980	ng	100
9) Benzaldehyde	6.33	77	446341	32.735	ng	100
10) Phenol	6.43	94	979518	39.873	ng	100
11) bis(2-Chloroethyl)ether	6.52	93	728455	37.537	ng	100
12) 1,3-Dichlorobenzene	6.73	146	893091	42.277	ng	100
13) 1,4-Dichlorobenzene	6.80	146	893840	42.492	ng	100
14) 1,2-Dichlorobenzene	6.96	146	826759	42.777	ng	100
15) Benzyl Alcohol	6.93	79	619986	38.243	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	694886	33.297	ng	100
17) 2-Methylphenol	7.04	107	626953	40.308	ng	100
18) Hexachloroethane	7.30	117	329891	42.284	ng	100
19) n-Nitroso-di-n-propylamine	7.20	70	435206	34.584	ng	100
20) 3+4-Methylphenols	7.19	107	756332	38.988	ng	100
22) Acetophenone	7.20	105	974017	39.047	ng	100
24) Nitrobenzene	7.37	77	719186	39.114	ng	100
25) Isophorone	7.61	82	1330981	37.114	ng	100
26) 2-Nitrophenol	7.69	139	373081	52.103	ng	100
27) 2,4-Dimethylphenol	7.72	122	606992	42.009	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	907662	38.923	ng	100
29) 2,4-Dichlorophenol	7.93	162	649055	43.685	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	744730	43.968	ng	100
31) Naphthalene	8.09	128	2135205	44.686	ng	100
32) Benzoic acid	7.82	122	416067	46.900	ng	100
33) 4-Chloroaniline	8.14	127	931700	41.343	ng	100
34) Hexachlorobutadiene	8.22	225	440124	46.115	ng	100
35) Caprolactam	8.50	113	214668	40.627	ng	100
36) 4-Chloro-3-methylphenol	8.62	107	650499	40.127	ng	100
37) 2-Methylnaphthalene	8.79	142	1428642	42.784	ng	100
38) 1-Methylnaphthalene	8.89	142	1338885	42.555	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	688384	43.595	ng	100

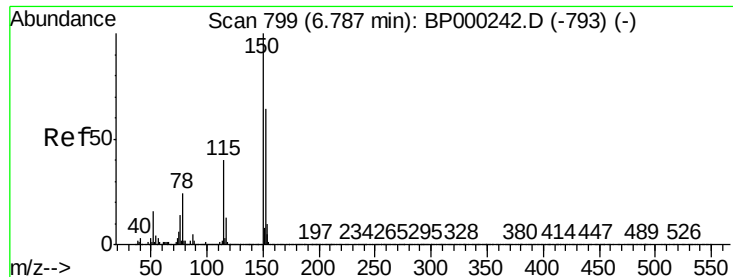
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000242.D
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 QLast Update : Mon Sep 16 17:15:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	394078	45.325	ng	100
43) 2,4,6-Trichlorophenol	9.06	196	468922	43.062	ng	100
44) 2,4,5-Trichlorophenol	9.10	196	482011	42.306	ng	100
46) 1,1'-Biphenyl	9.25	154	1696921	43.087	ng	100
47) 2-Chloronaphthalene	9.28	162	1409939	43.127	ng	100
48) 2-Nitroaniline	9.37	65	348445	39.459	ng	100
49) Acenaphthylene	9.69	152	2138851	44.091	ng	100
50) Dimethylphthalate	9.55	163	1622150	42.670	ng	100
51) 2,6-Dinitrotoluene	9.61	165	354050	43.877	ng	100
52) Acenaphthene	9.87	154	1335563	43.876	ng	100
53) 3-Nitroaniline	9.78	138	410017	42.534	ng	100
54) 2,4-Dinitrophenol	9.89	184	149934	58.844	ng	100
55) Dibenzofuran	10.04	168	1888288	43.686	ng	100
56) 4-Nitrophenol	9.93	139	311271	45.176	ng	100
57) 2,4-Dinitrotoluene	10.02	165	467565	45.387	ng	100
58) Fluorene	10.39	166	1410386	43.356	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	399064	46.259	ng	100
60) Diethylphthalate	10.26	149	1569592	41.248	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	751860	44.467	ng	100
62) 4-Nitroaniline	10.39	138	402286	43.752	ng	100
63) Azobenzene	10.54	77	1339424	36.757	ng	100
65) 4,6-Dinitro-2-methylphenol	10.43	198	193388	54.670	ng	100
66) n-Nitrosodiphenylamine	10.49	169	1299477	43.897	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	479074	47.311	ng	100
68) Hexachlorobenzene	10.95	284	524893	47.573	ng	100
69) Atrazine	11.02	200	314882	36.559	ng	100
70) Pentachlorophenol	11.13	266	286530	47.927	ng	100
71) Phenanthrene	11.35	178	2192115	44.140	ng	100
72) Anthracene	11.40	178	2185374	44.546	ng	100
73) Carbazole	11.56	167	2023376	43.695	ng	100
74) Di-n-butylphthalate	11.90	149	2502483	44.568	ng	100
75) Fluoranthene	12.55	202	2363779	43.800	ng	100
77) Benzidine	12.67	184	1103523	42.649	ng	100
78) Pyrene	12.79	202	2385650	43.241	ng	100
80) Butylbenzylphthalate	13.42	149	1093761	44.495	ng	100
81) Benzo(a)anthracene	13.99	228	2049544	42.175	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	823135	45.915	ng	100
83) Chrysene	14.03	228	2002949	43.575	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1343128	41.986	ng	100
85) Di-n-octyl phthalate	14.61	149	2523214	44.760	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	2351092	40.819	ng	100
88) Benzo(b)fluoranthene	15.05	252	2298367	43.320	ng	100
89) Benzo(k)fluoranthene	15.08	252	1888470	38.896	ng	100
90) Benzo(a)pyrene	15.42	252	2000351	41.767	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	1889070	39.442	ng	100
92) Benzo(g,h,i)perylene	17.42	276	1904050	40.165	ng	100

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

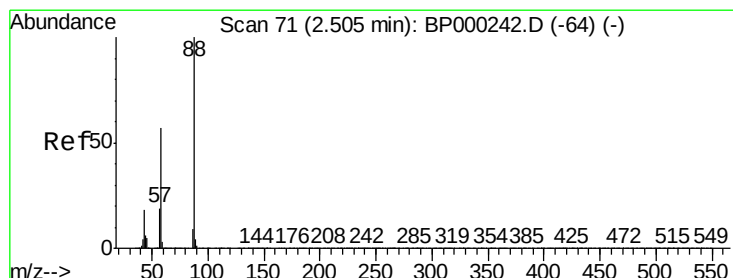
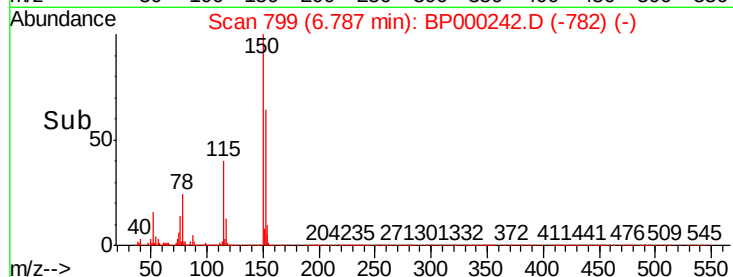
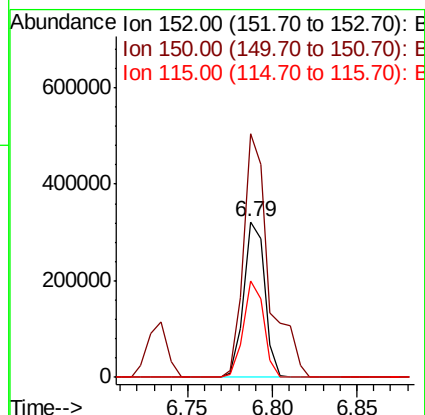
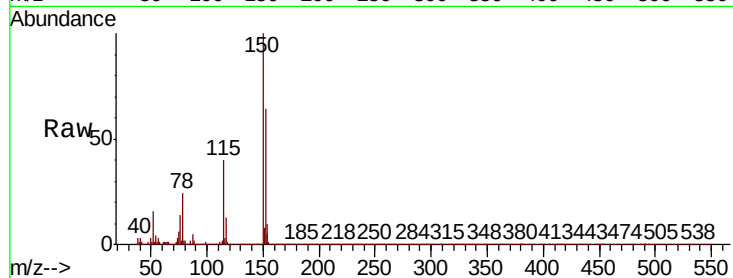


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Instrument :
BNA_P
ClientSampleId :

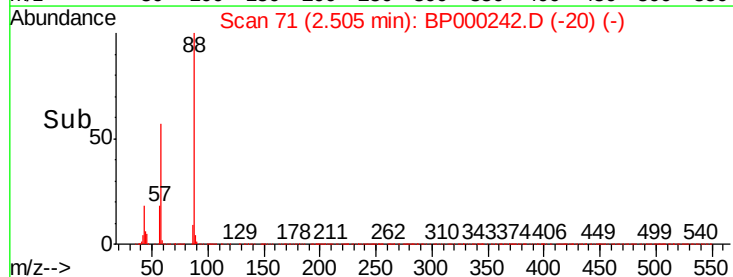
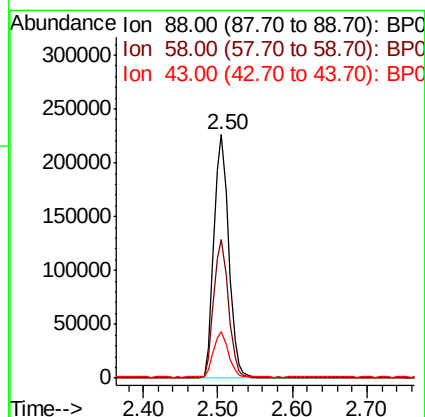
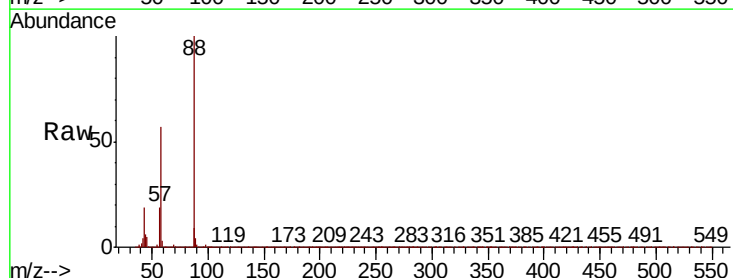
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.2	187.8
115	62.1	49.7	74.5

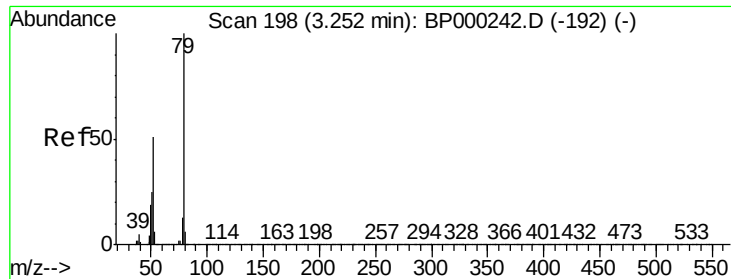


#2

1,4-Dioxane
Concen: 38.408 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.8	45.4	68.2
43	18.8	15.0	22.6

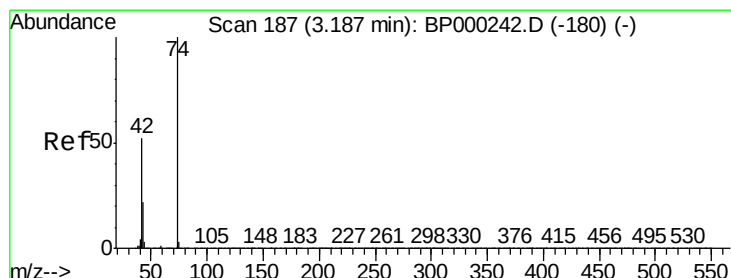
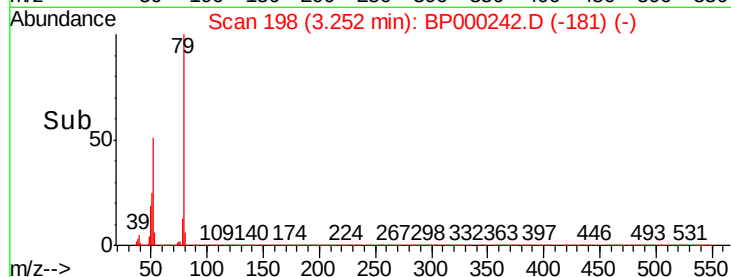
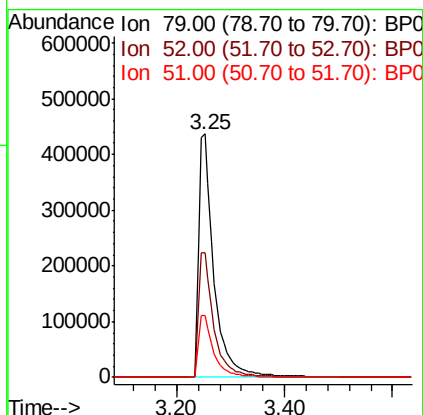
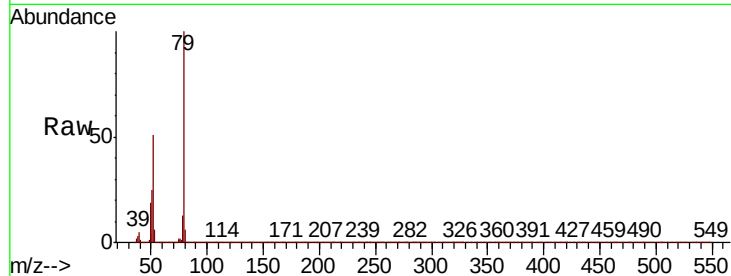




#3
 Pvridine
 Concen: 38.668 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

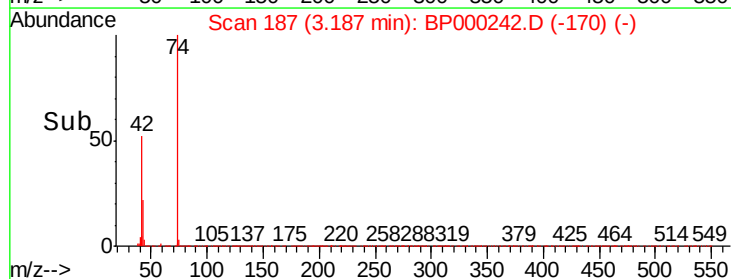
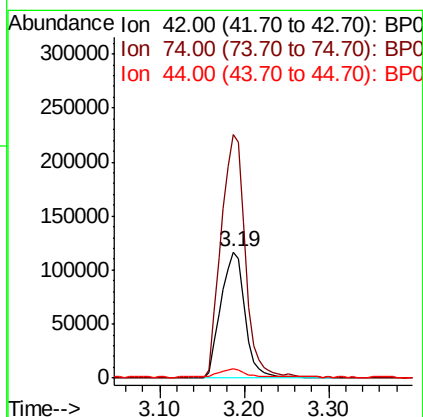
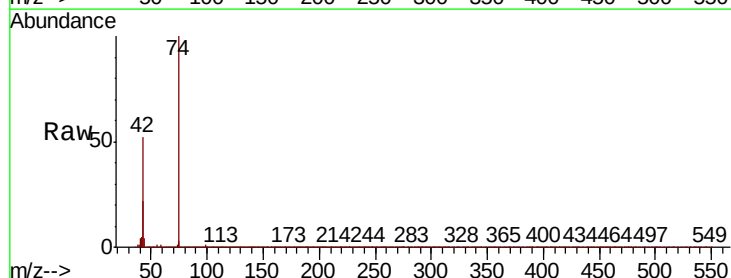
Instrument :
 BNA_P
 ClientSampled :

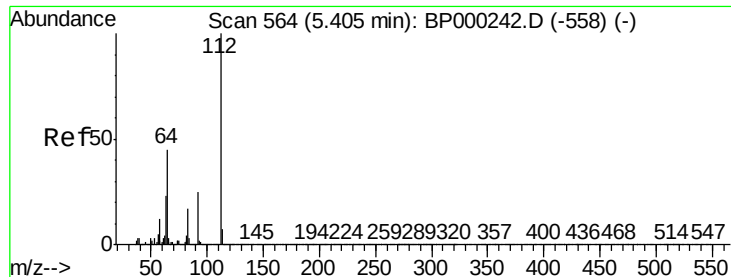
Tot Ion: 79 Resp: 839329
 Ion Ratio Lower Upper
 79 100
 52 51.1 40.9 61.3
 51 25.2 20.2 30.2



#4
 n-Nitrosodimethylamine
 Concen: 32.911 ng
 RT: 3.19 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

Tgt Ion: 42 Resp: 230675
 Ion Ratio Lower Upper
 42 100
 74 193.1 154.5 231.7
 44 7.4 5.9 8.9





#5

2-Fluorophenol

Concen: 79.890 ng

RT: 5.40 min Scan# 564

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Instrument :

BNA_P

ClientSampleId :

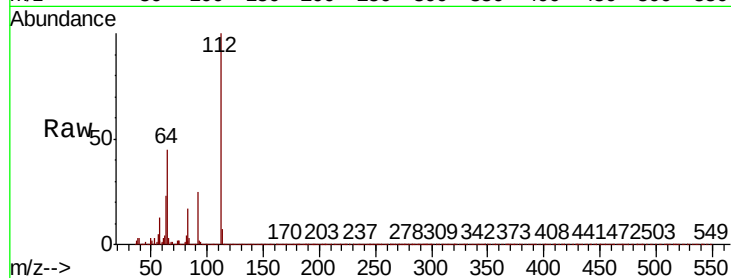
Tot Ion:112 Resp: 1399282

Ion Ratio Lower Upper

112 100

64 45.3 36.2 54.4

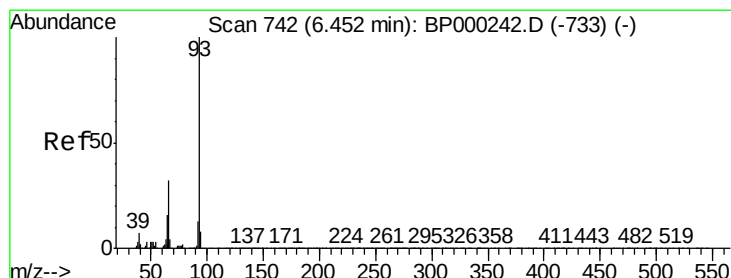
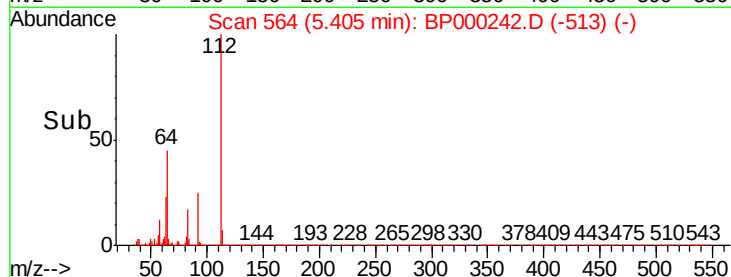
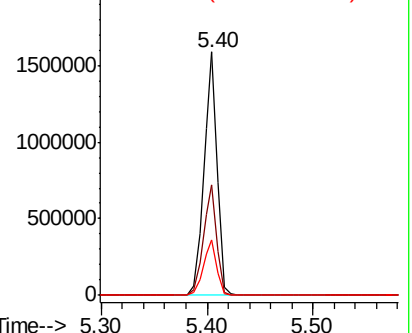
63 22.9 18.3 27.5



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: 36.750 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

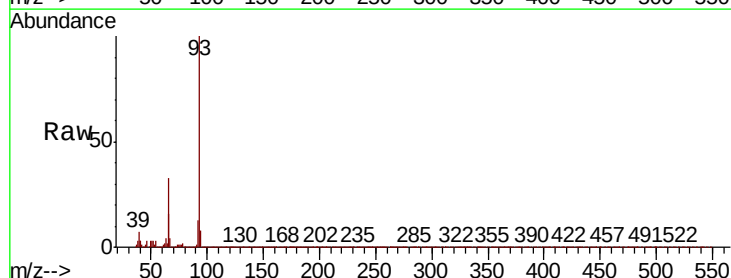
Tgt Ion: 93 Resp: 1175994

Ion Ratio Lower Upper

93 100

66 32.7 26.2 39.2

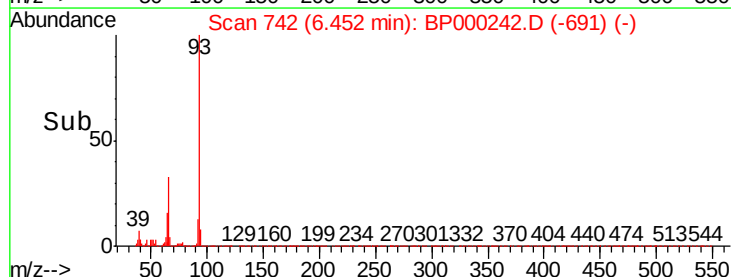
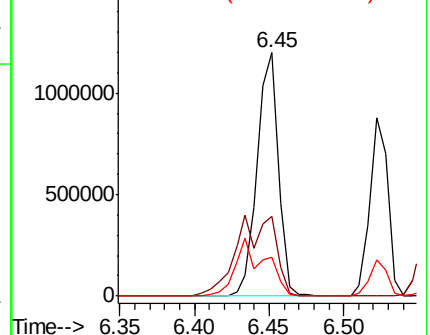
65 15.9 12.7 19.1

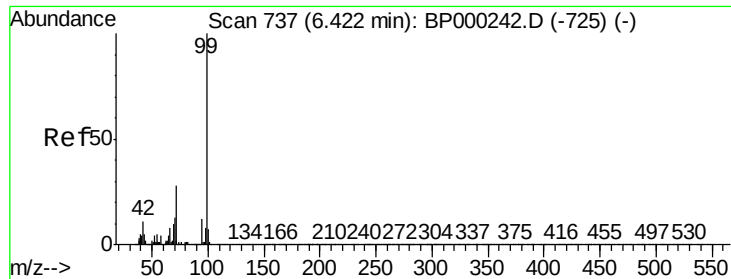


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 76.824 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

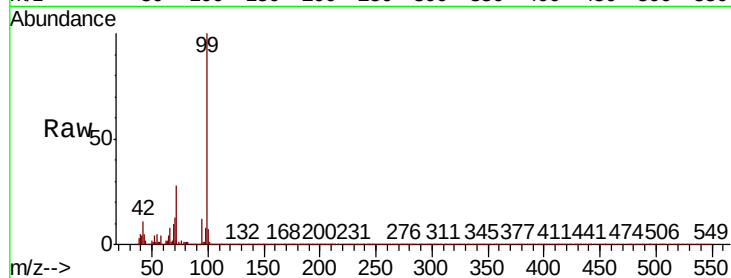
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1698686

Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.5	12.7
71	28.3	22.6	34.0

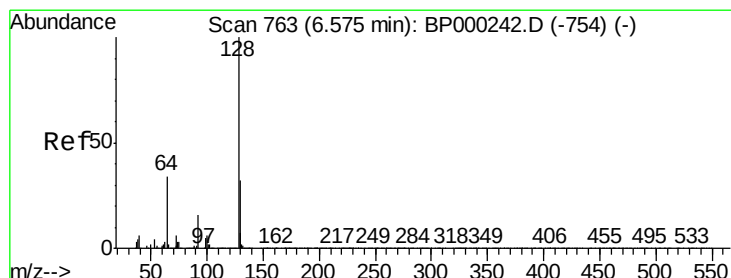
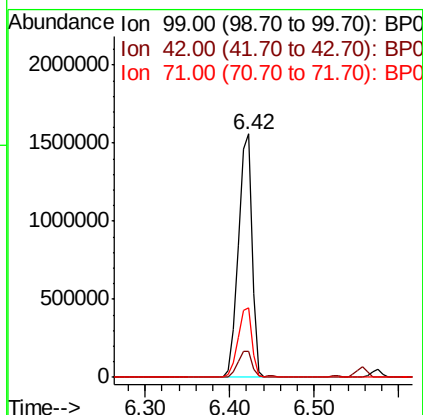
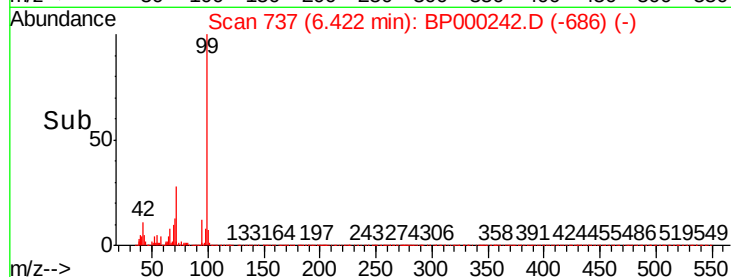


Abundance

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: 40.980 ng

RT: 6.58 min Scan# 763

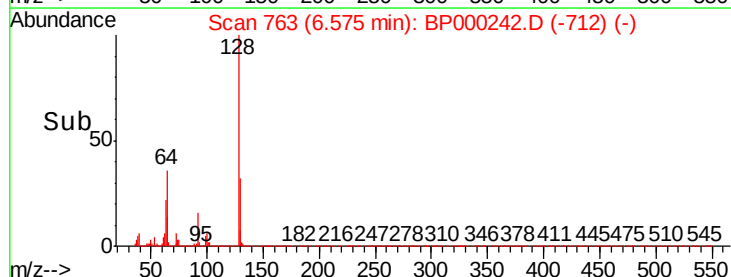
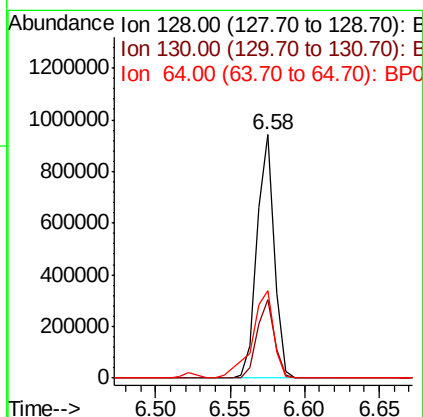
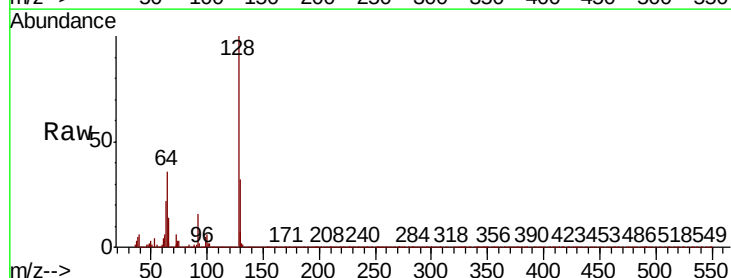
Delta R.T. 0.00 min

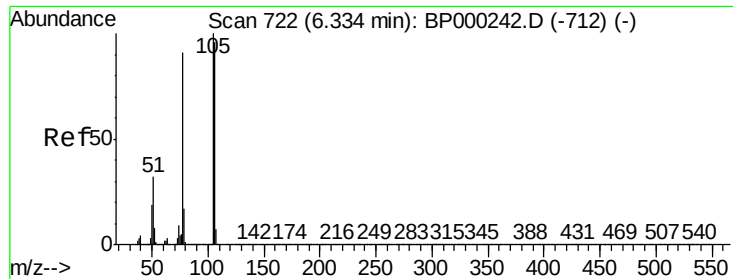
Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Tgt Ion: 128 Resp: 742167

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.5	52.5
64	36.0	16.0	56.0





#9

Benzaldehyde

Concen: 32.735 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Instrument :

BNA_P

ClientSampleId :

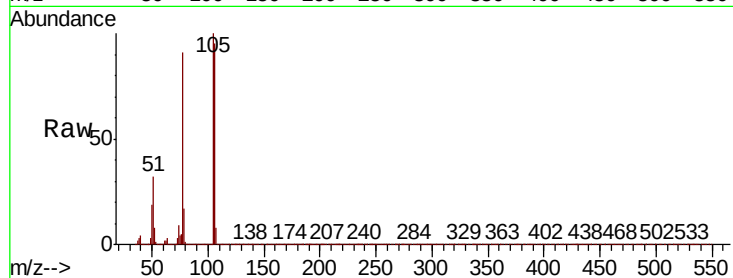
Tot Ion: 77 Resp: 446341

Ion Ratio Lower Upper

77 100

105 109.6 89.6 129.6

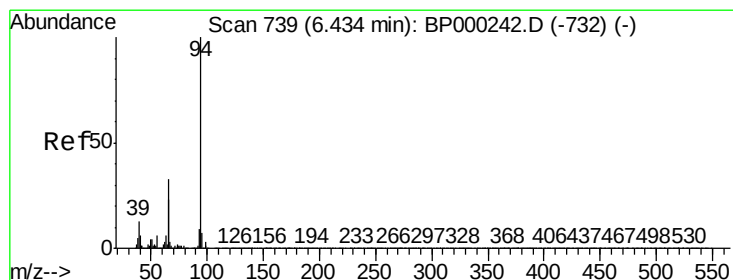
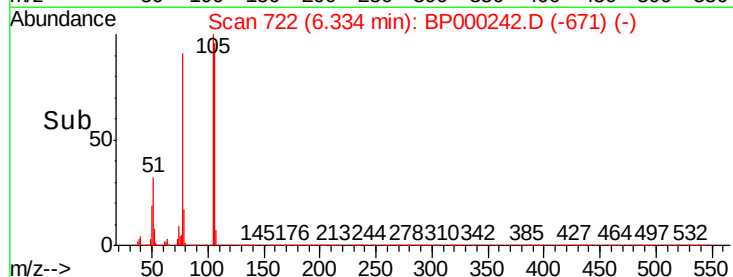
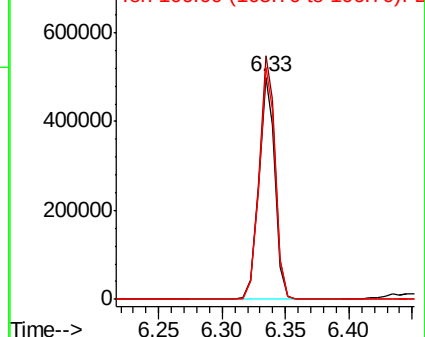
106 104.6 84.6 124.6



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: 39.873 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

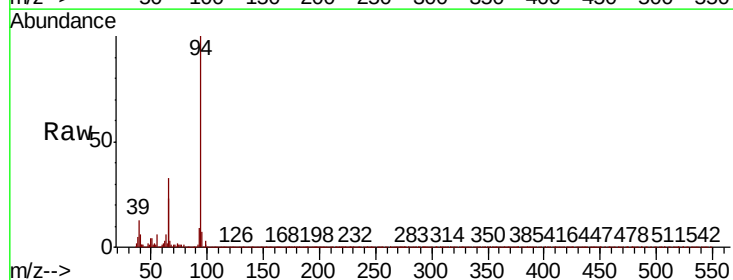
Tgt Ion: 94 Resp: 979518

Ion Ratio Lower Upper

94 100

65 23.3 3.3 43.3

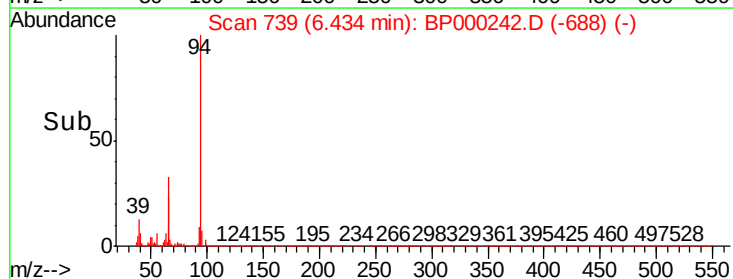
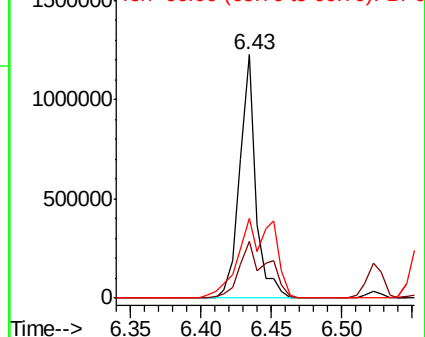
66 32.7 12.7 52.7

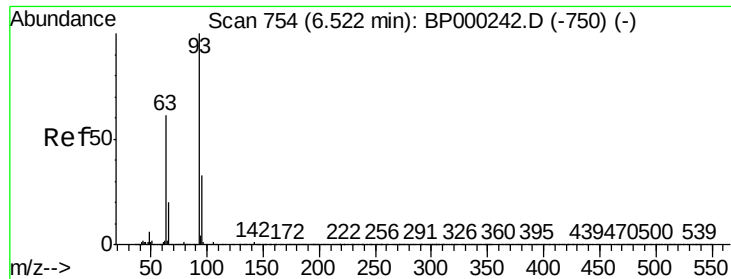


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



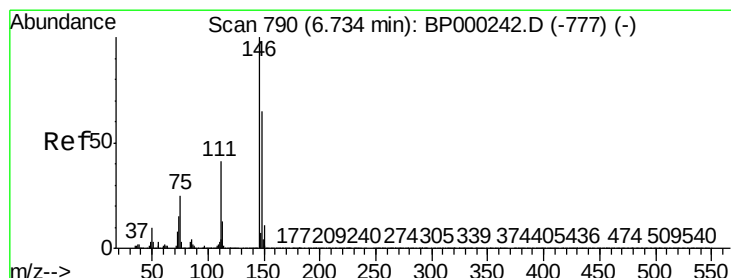
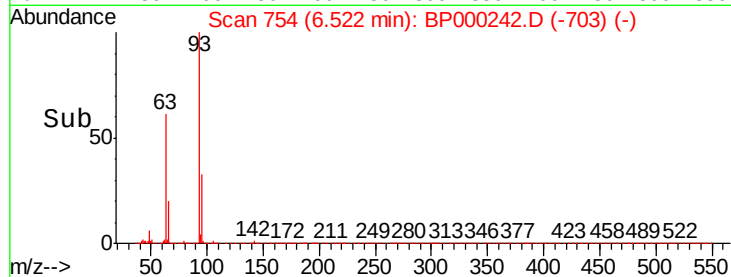
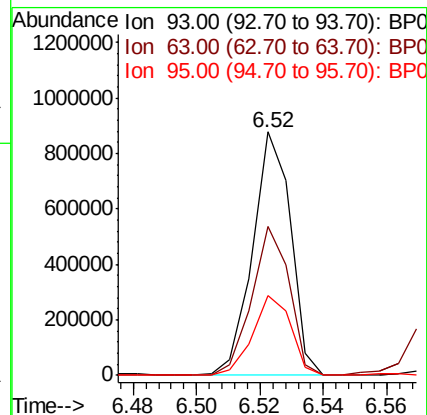
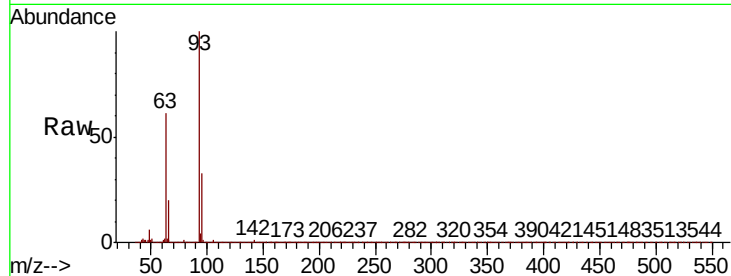


#11

bis(2-Chloroethyl)ether
Concen: 37.537 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Instrument :
BNA_P
ClientSampleId :

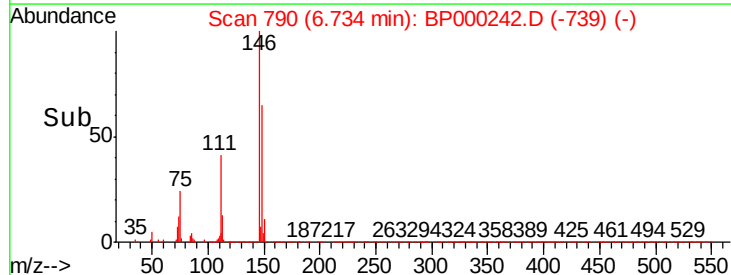
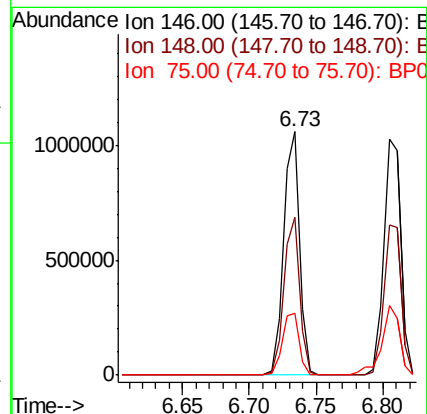
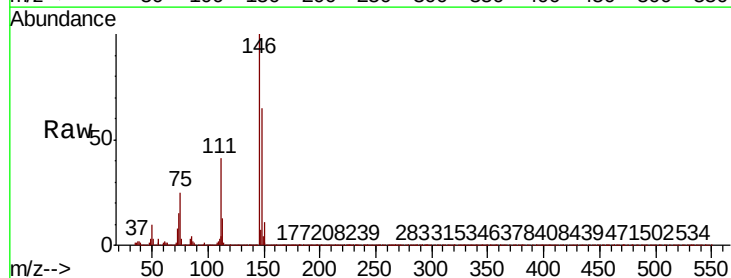
Tot Ion:	93	Resp:	728455
Ion	Ratio	Lower	Upper
93	100		
63	61.0	41.0	81.0
95	32.7	12.7	52.7

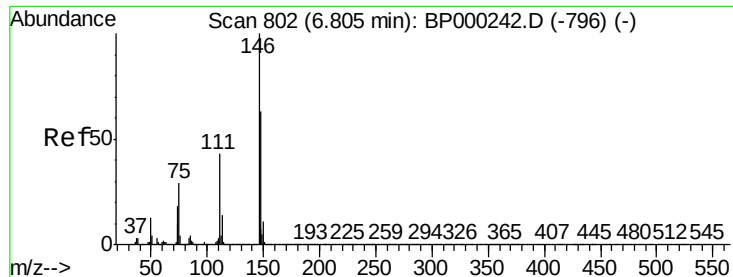


#12

1,3-Dichlorobenzene
Concen: 42.277 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:	146	Resp:	893091
Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
75	25.3	20.2	30.4

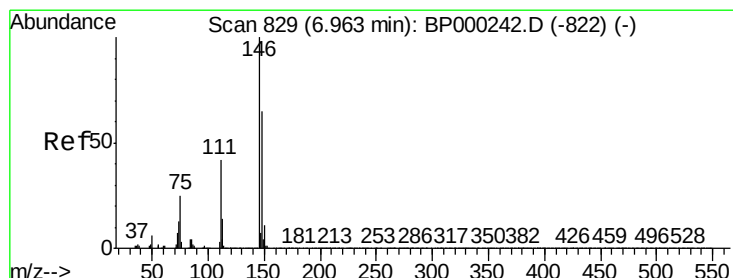
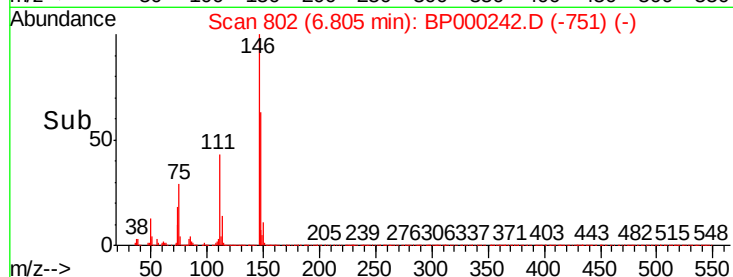
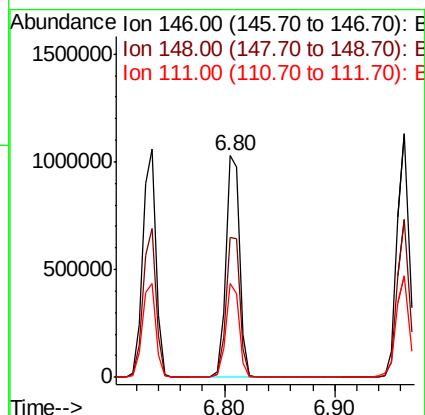
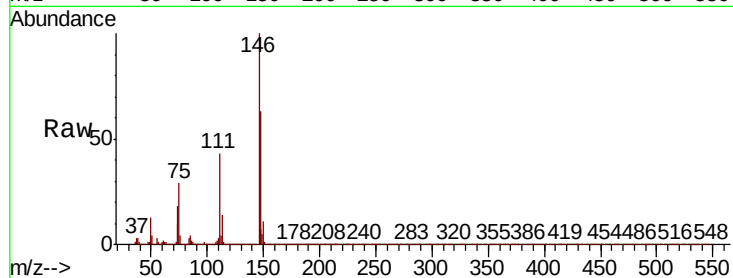




#13
1,4-Dichlorobenzene
Concen: 42.492 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

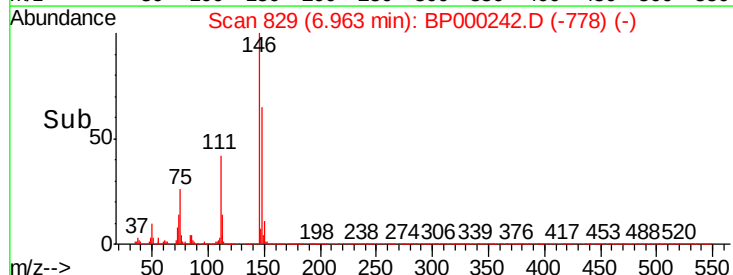
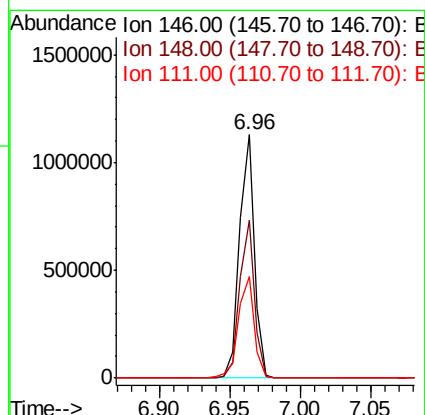
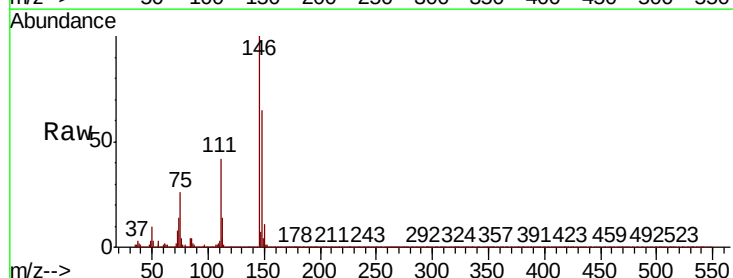
Instrument :
BNA_P
ClientSampleId :

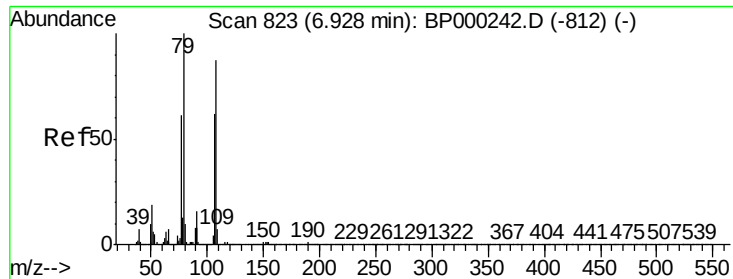
Tot Ion:146 Resp: 893840
Ion Ratio Lower Upper
146 100
148 63.4 50.7 76.1
111 42.6 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 42.777 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:146 Resp: 826759
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
111 41.8 33.4 50.2

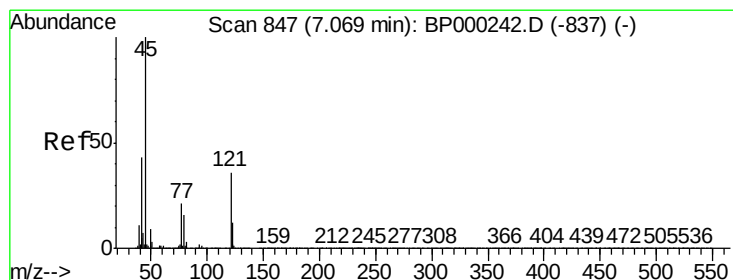
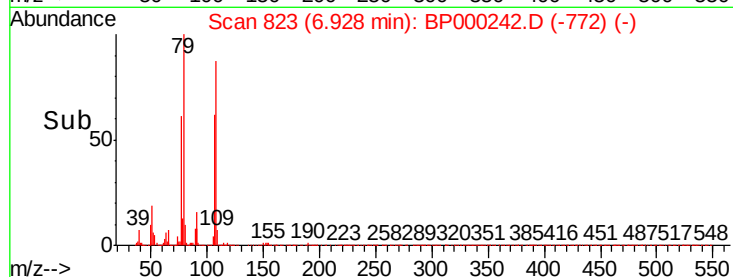
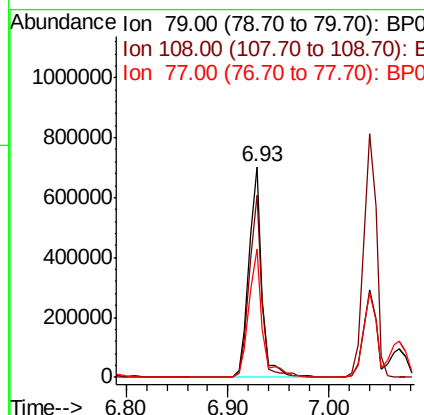
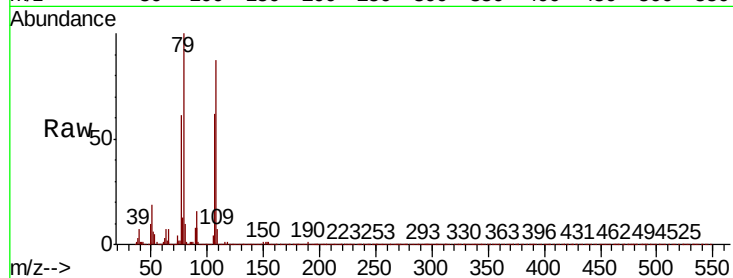




#15
Benzyl Alcohol
Concen: 38.243 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

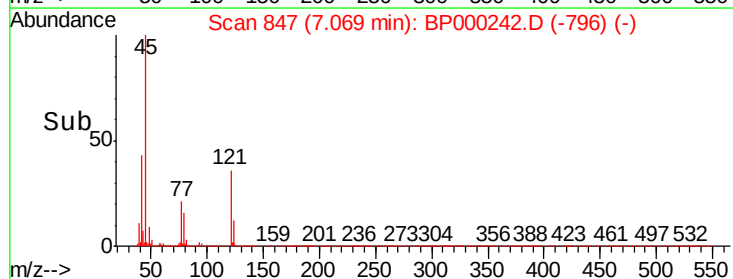
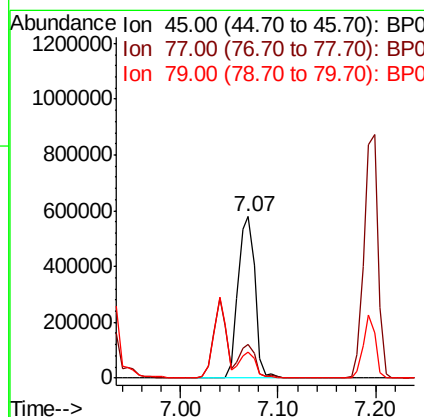
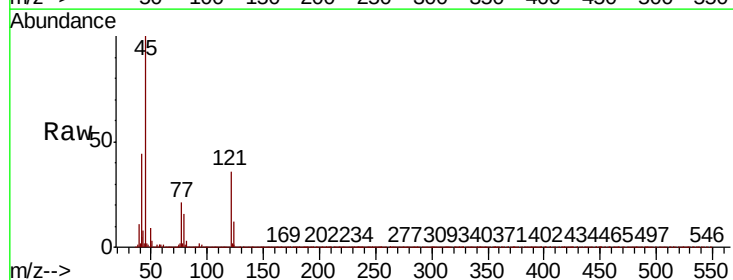
Instrument :
BNA_P
ClientSampled :

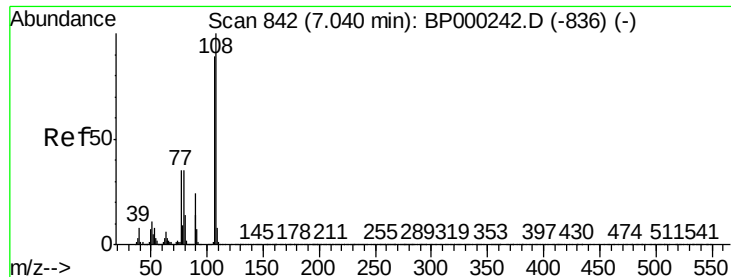
Tot Ion	Ratio	Lower	Upper
79	100		
108	86.5	69.2	103.8
77	60.9	48.7	73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.297 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.7	0.7	40.7
79	16.4	0.0	36.4

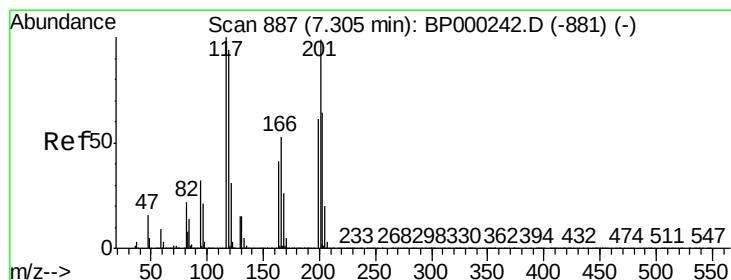
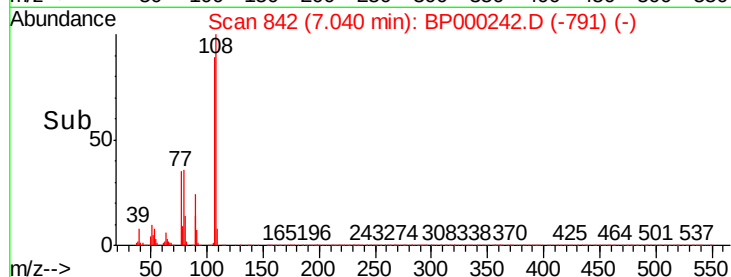
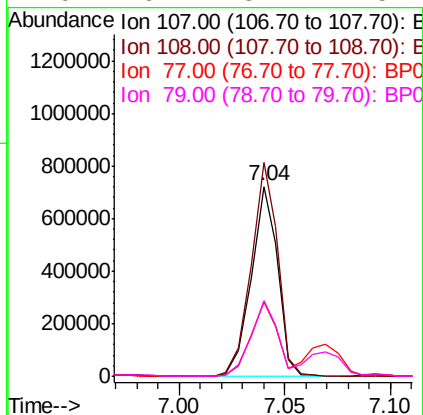
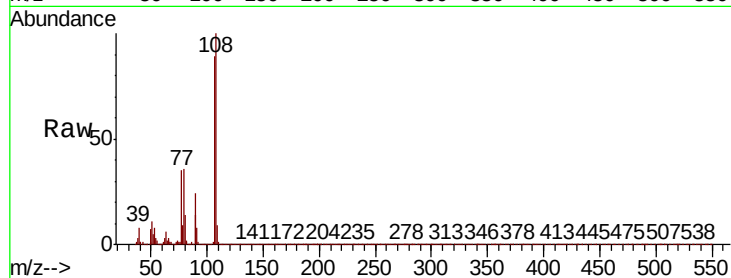




#17
2-Methylphenol
Concen: 40.308 ng
RT: 7.04 min Scan# 842
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

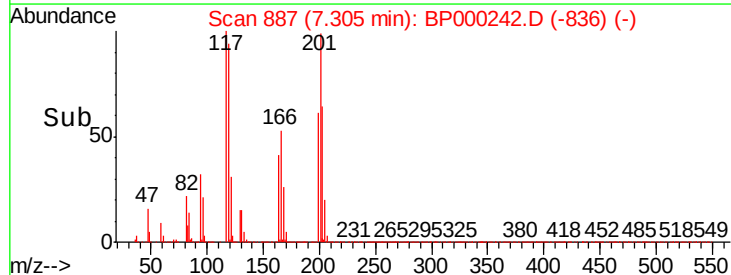
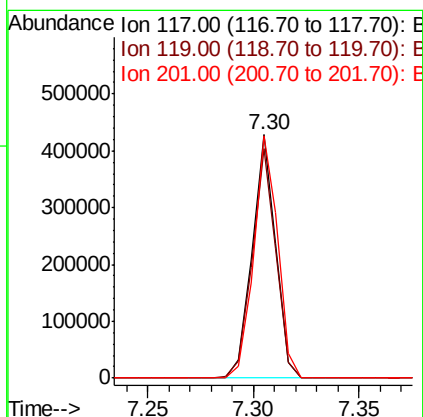
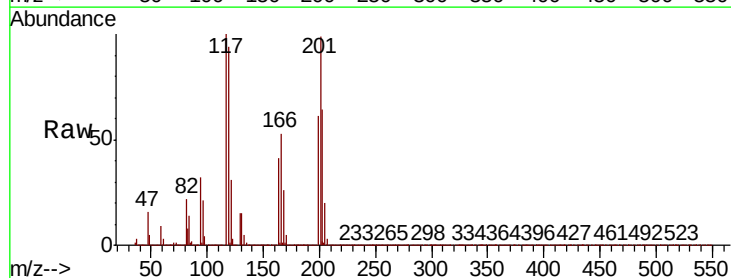
Instrument :
BNA_P
ClientSampleId :

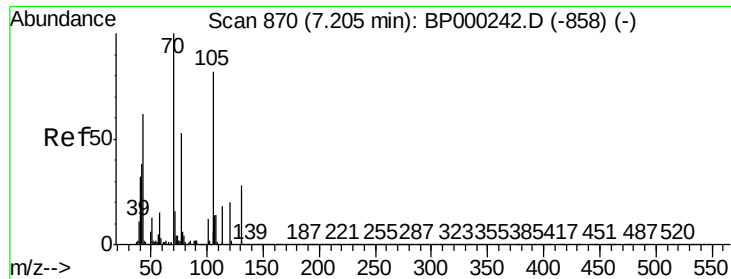
Tot Ion:	107	Resp:	626953
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.1	135.1
77	39.4	31.5	47.3
79	40.2	32.2	48.2



#18
Hexachloroethane
Concen: 42.284 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:	117	Resp:	329891
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.6	113.4
201	99.3	79.4	119.2

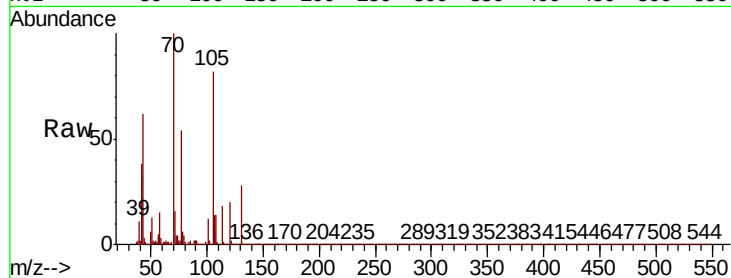




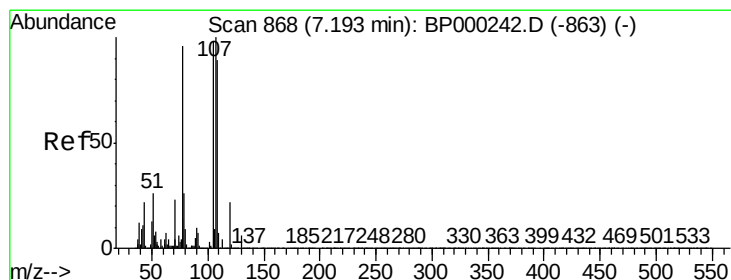
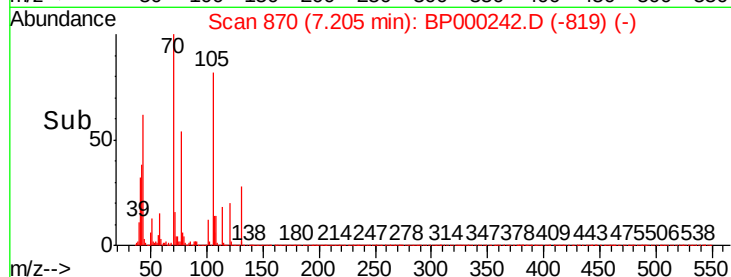
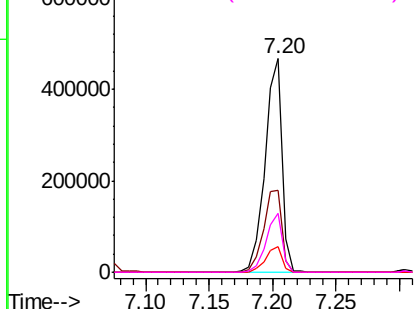
#19
n-Nitroso-di-n-propylamine
Concen: 34.584 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	70	Resp:	435206
Ion	Ratio	Lower	Upper
70	100		
42	38.4	30.7	46.1
101	12.0	9.6	14.4
130	27.5	22.0	33.0

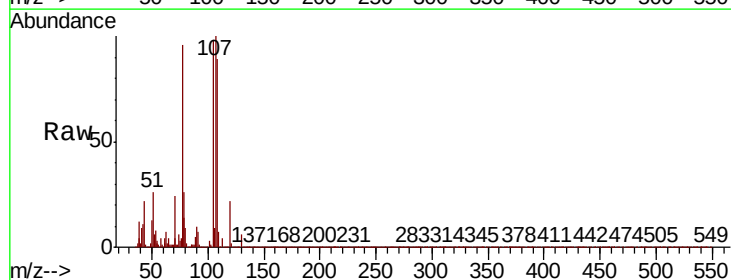


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

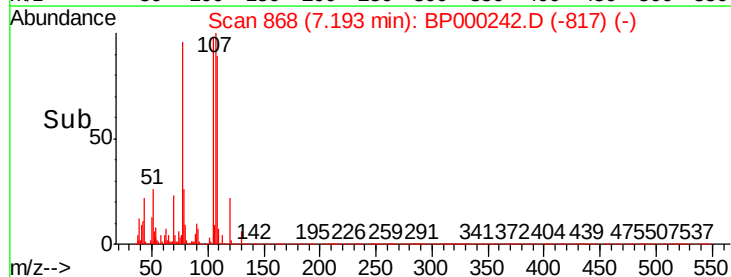
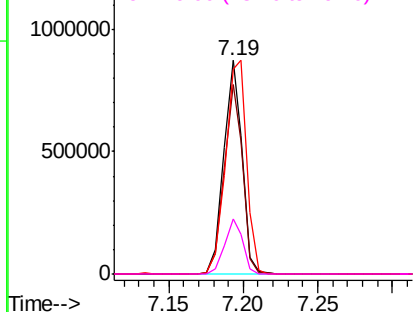


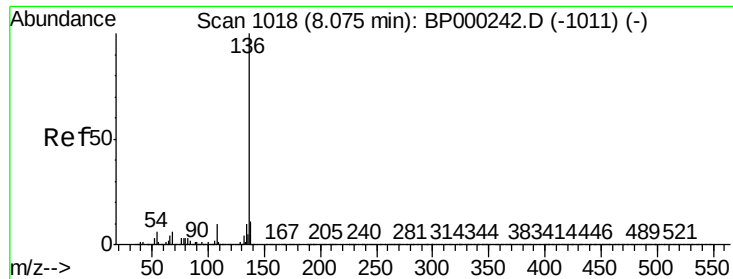
#20
3+4-Methylphenols
Concen: 38.988 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:	107	Resp:	756332
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.8	108.8
77	95.7	75.7	115.7
79	26.0	6.0	46.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

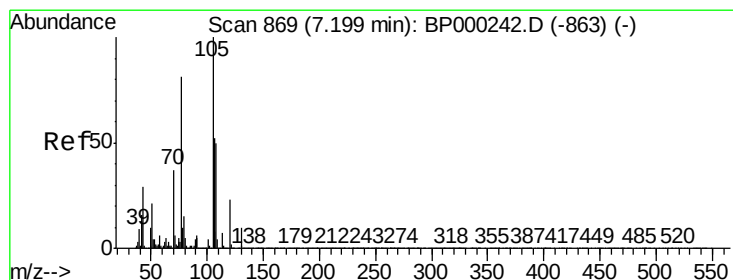
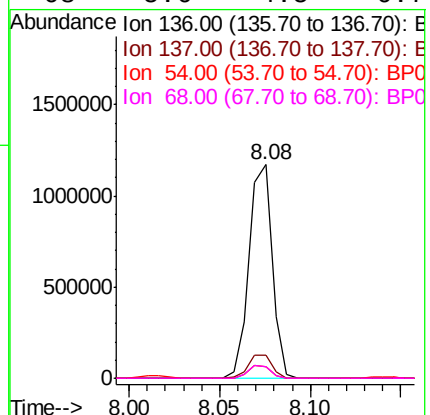
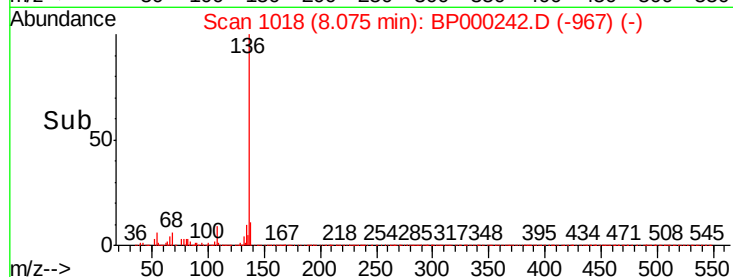
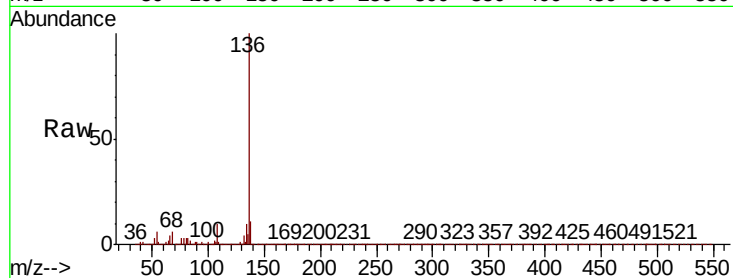




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

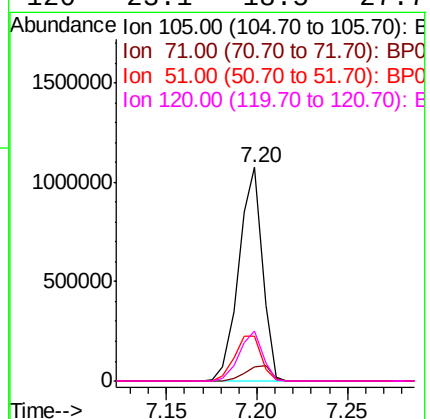
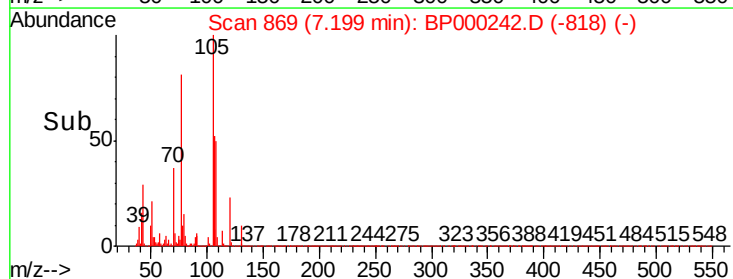
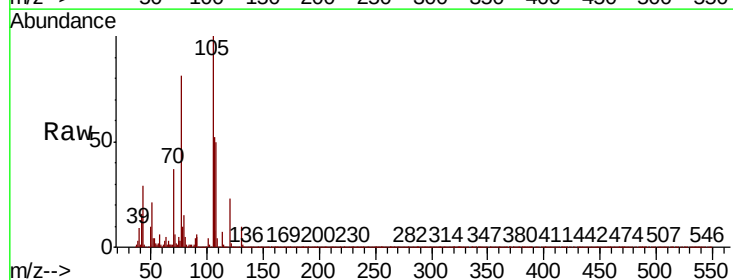
Instrument :
BNA_P
ClientSampleId :

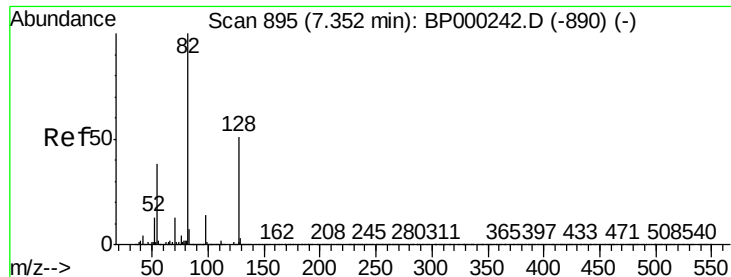
Tot Ion:136	Resp: 1041434
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 5.6	4.5 6.7
68 5.6	4.5 6.7



#22
Acetophenone
Concen: 39.047 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt	Ion:105	Resp:	974017
Ion	Ratio	Lower	Upper
105	100		
71	6.5	5.2	7.8
51	20.7	16.6	24.8
120	23.1	18.5	27.7

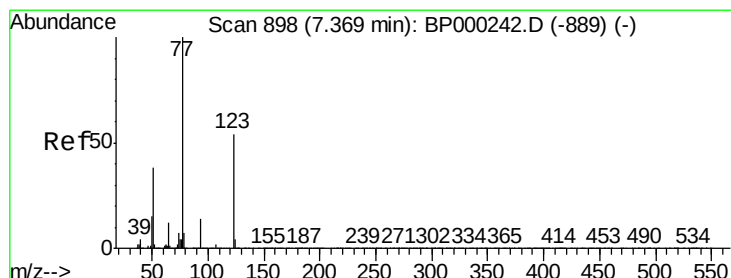
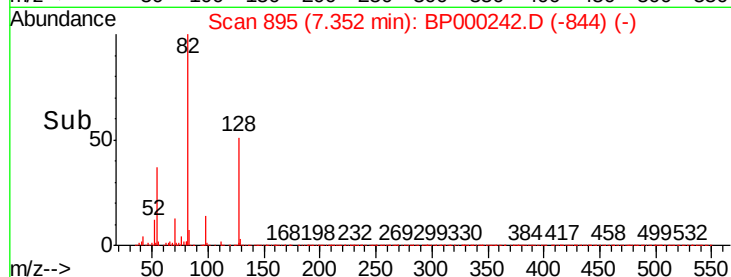
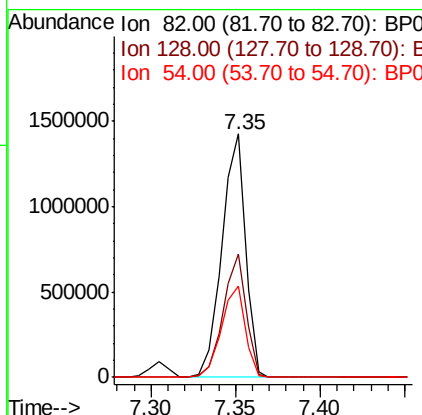
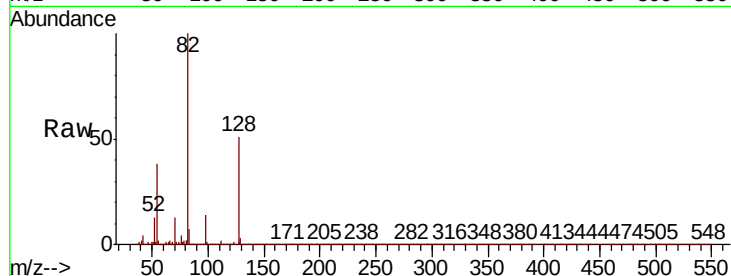




#23
 Nitrobenzene-d5
 Concen: 81.340 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

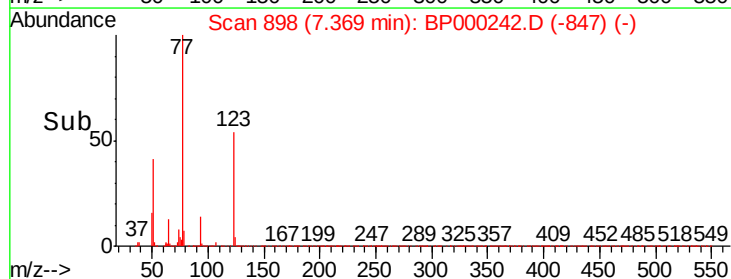
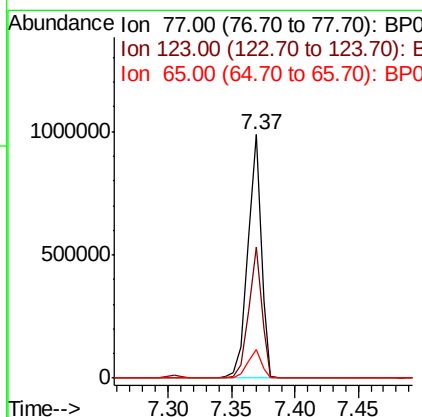
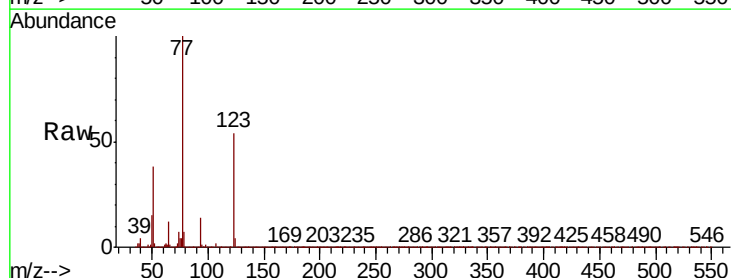
Instrument :
 BNA_P
 ClientSampleId :

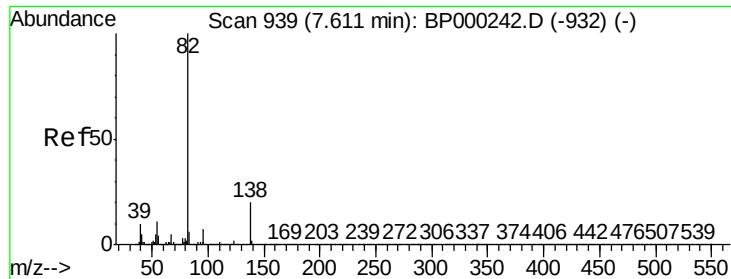
Tot Ion: 82 Resp: 1380542
 Ion Ratio Lower Upper
 82 100
 128 50.9 40.7 61.1
 54 37.6 30.1 45.1



#24
 Nitrobenzene
 Concen: 39.114 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

Tgt Ion: 77 Resp: 719186
 Ion Ratio Lower Upper
 77 100
 123 53.9 43.1 64.7
 65 11.8 9.4 14.2





#25

Isophorone

Concen: 37.114 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

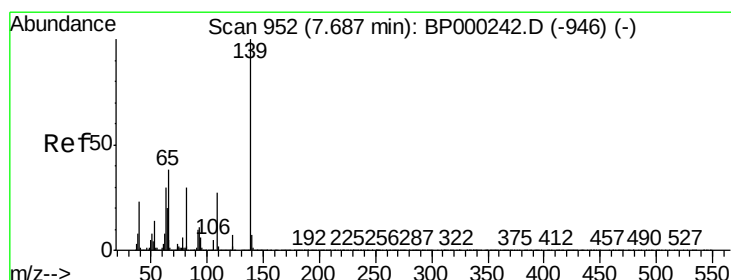
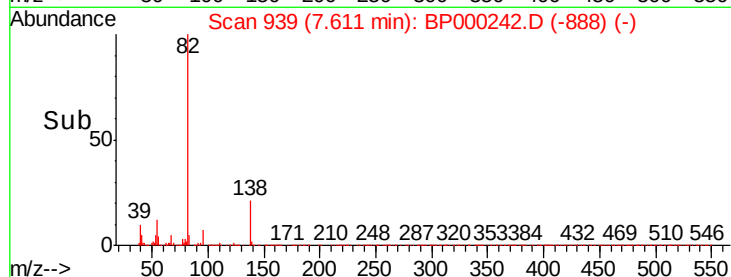
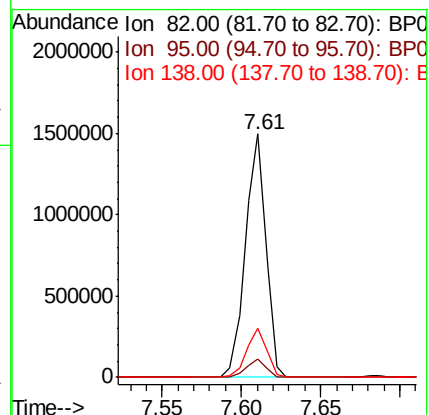
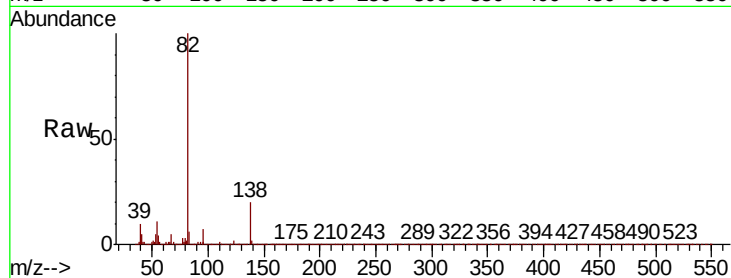
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 82 Resp: 1330981

Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.9	8.9
138	19.9	15.9	23.9



#26

2-Nitrophenol

Concen: 52.103 ng

RT: 7.69 min Scan# 952

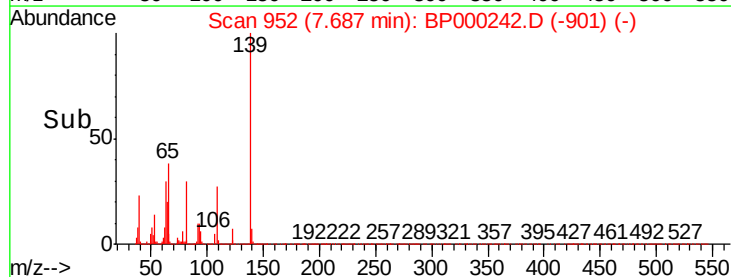
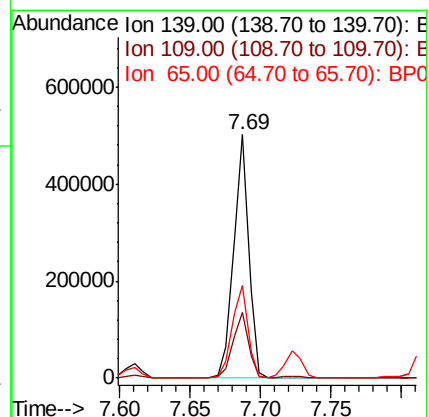
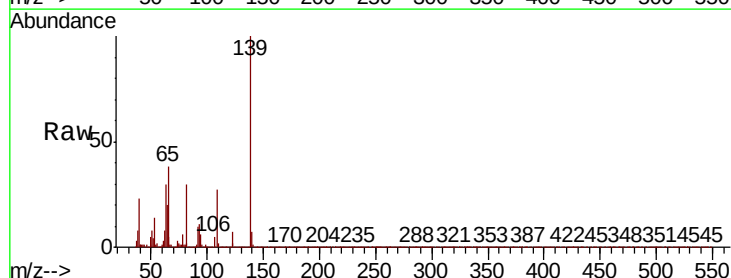
Delta R.T. 0.00 min

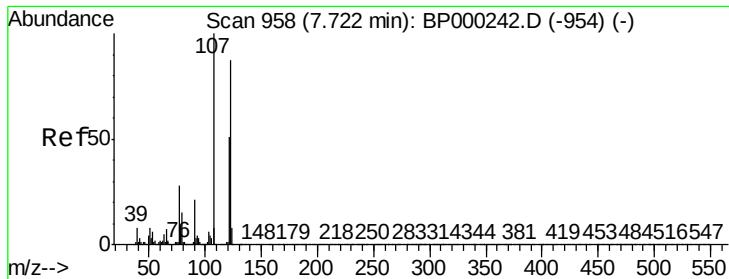
Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Tgt Ion: 139 Resp: 373081

Ion	Ratio	Lower	Upper
139	100		
109	27.2	21.8	32.6
65	38.1	30.5	45.7

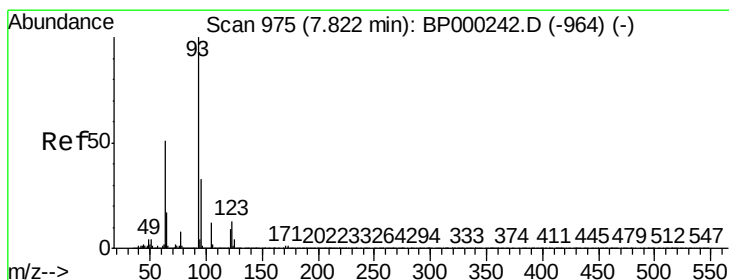
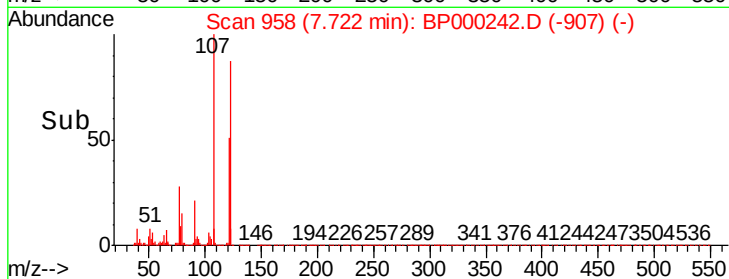
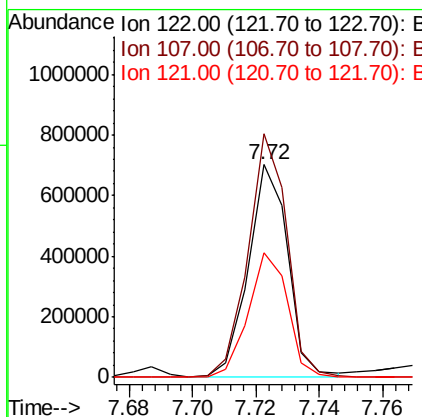
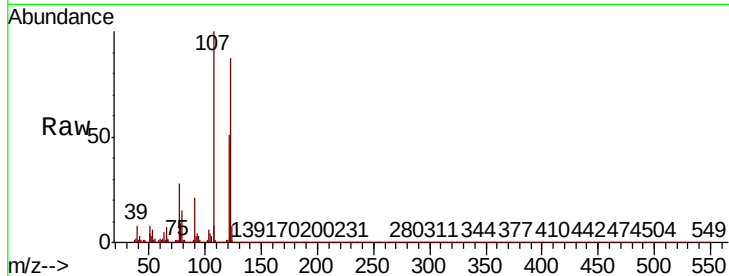




#27
2,4-Dimethylphenol
Concen: 42.009 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

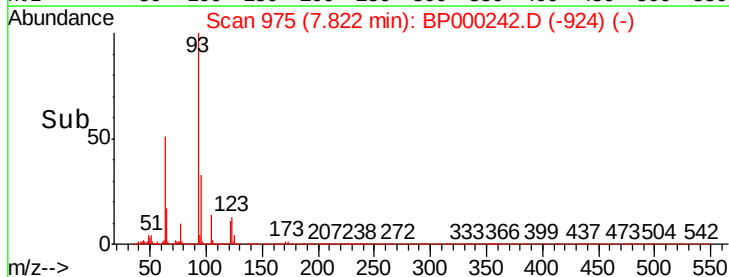
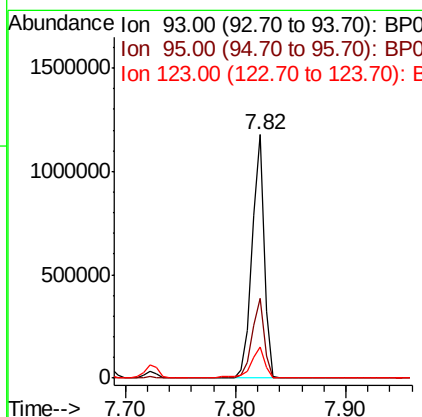
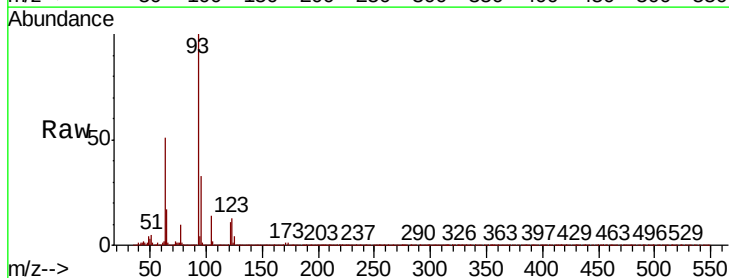
Instrument :
BNA_P
ClientSampled :

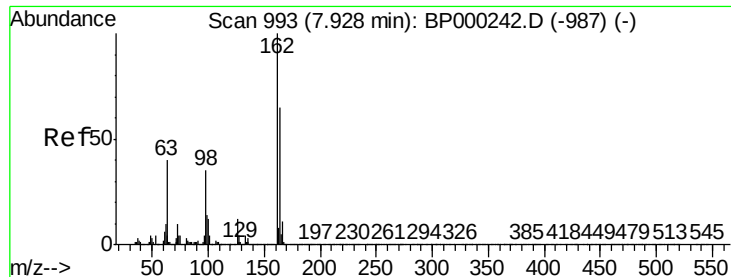
Tot Ion	Ratio	Lower	Upper
122	100		
107	114.4	91.5	137.3
121	58.6	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 38.923 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.7	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 43.685 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Instrument :

BNA_P

ClientSampleId :

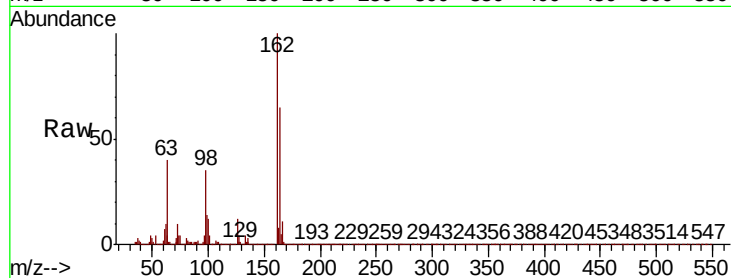
Tot Ion:162 Resp: 649055

Ion Ratio Lower Upper

162 100

164 64.5 44.5 84.5

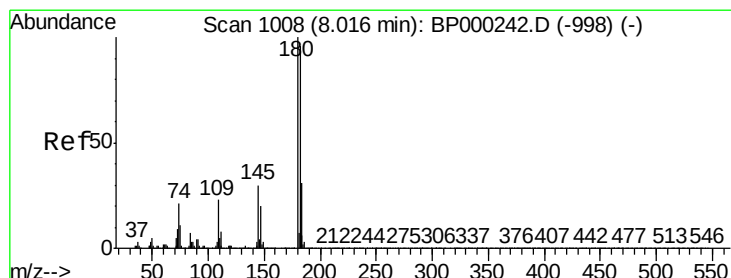
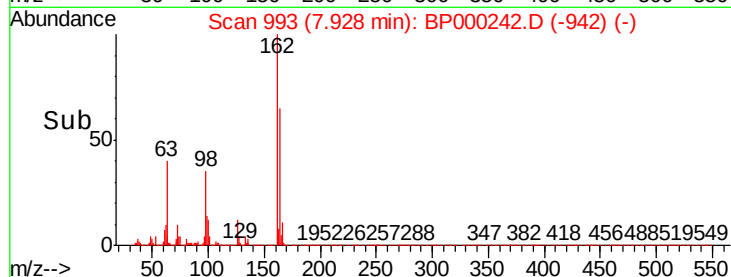
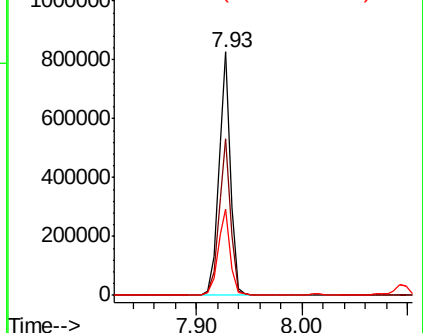
98 35.2 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30

1,2,4-Trichlorobenzene

Concen: 43.968 ng

RT: 8.02 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

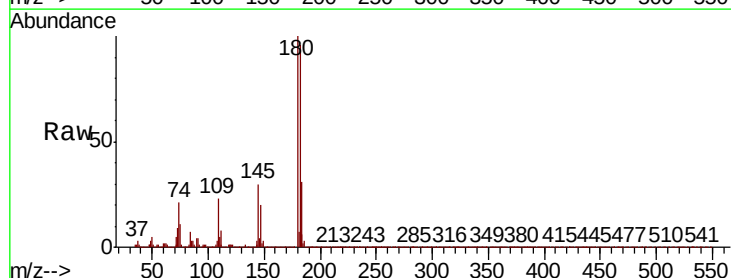
Tgt Ion:180 Resp: 744730

Ion Ratio Lower Upper

180 100

182 96.5 77.2 115.8

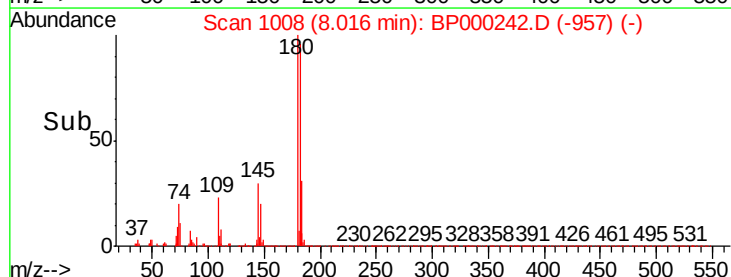
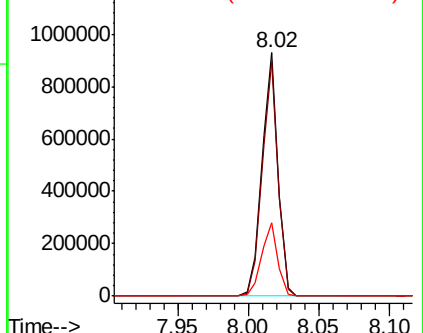
145 30.4 24.3 36.5

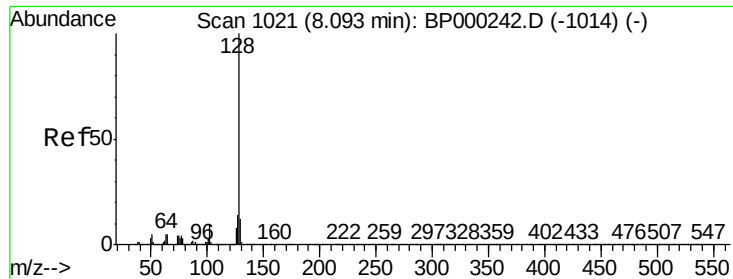


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

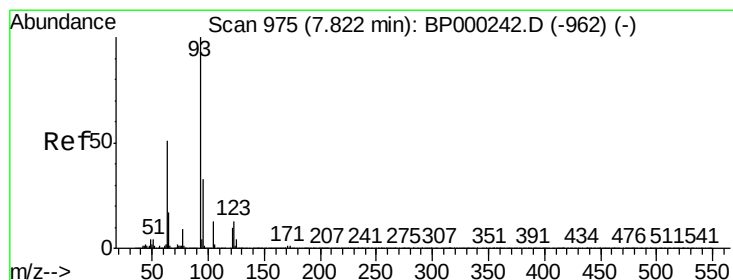
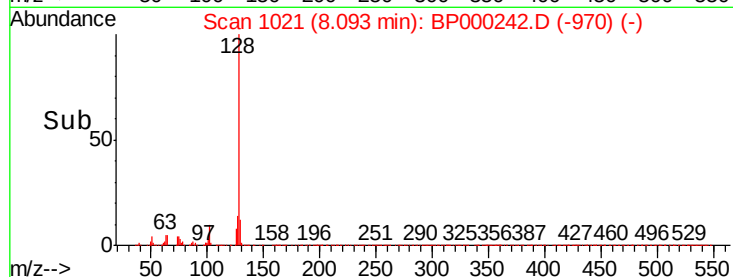
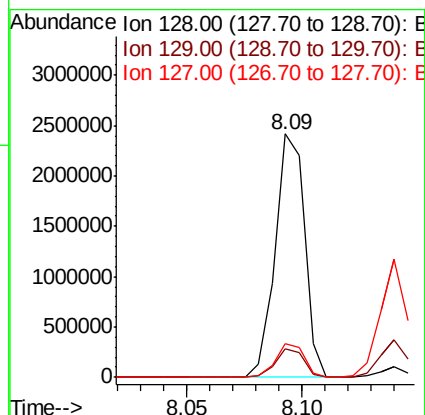
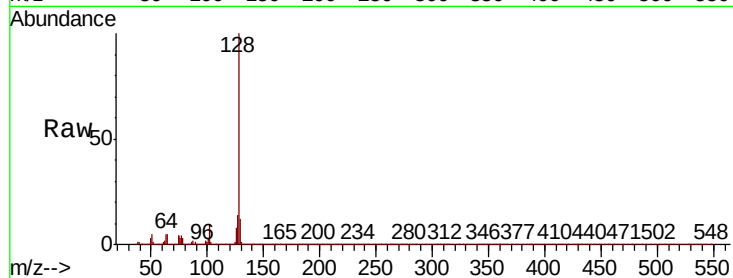




#31
Naphthalene
Concen: 44.686 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

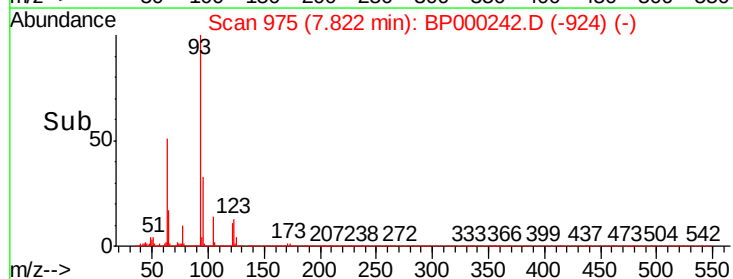
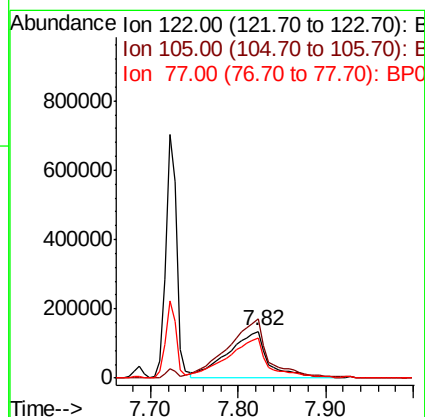
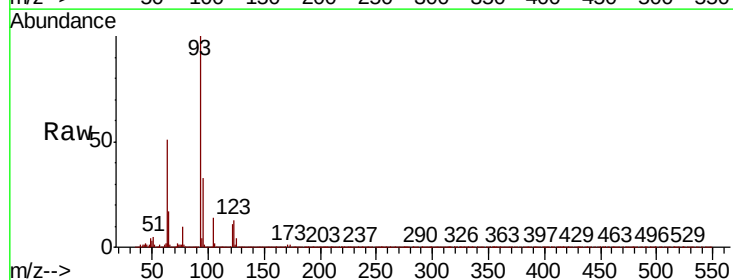
Instrument :
BNA_P
ClientSampleId :

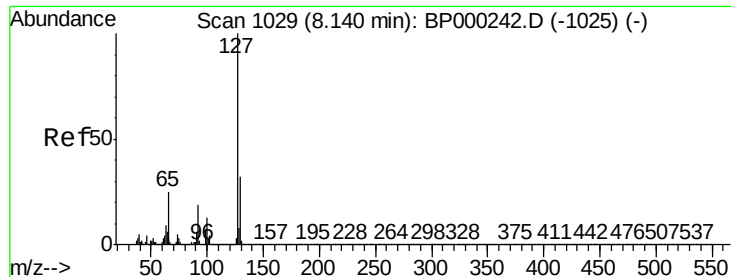
Tot Ion:128 Resp: 2135205
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.8 11.0 16.6



#32
Benzoic acid
Concen: 46.900 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:122 Resp: 416067
Ion Ratio Lower Upper
122 100
105 125.4 105.4 145.4
77 85.3 65.3 105.3

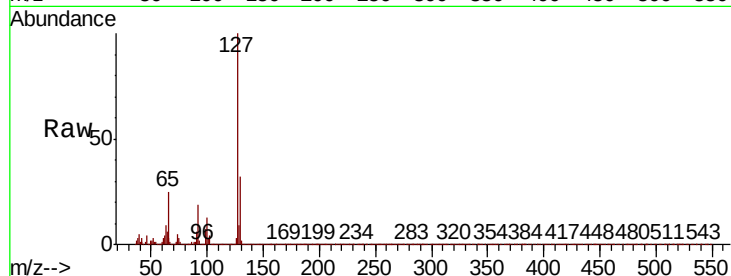




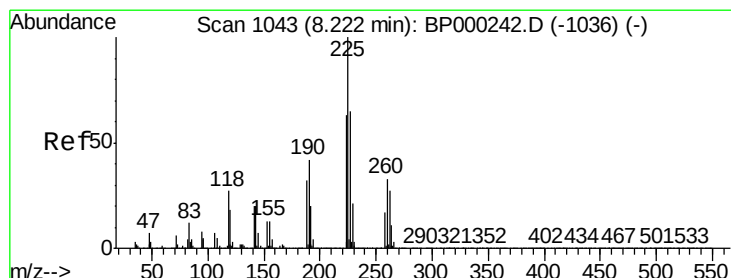
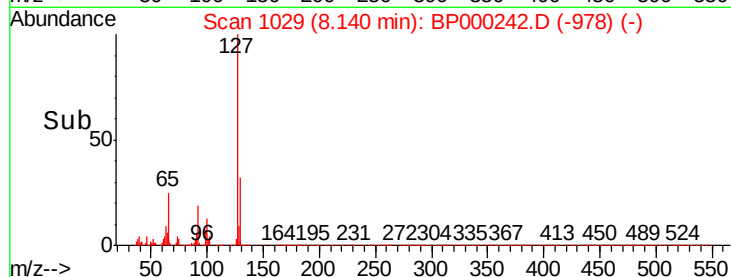
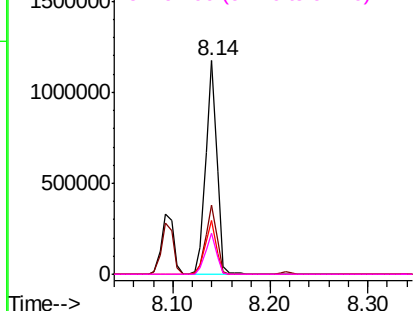
#33
4-Chloroaniline
Concen: 41.343 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	931700
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	24.9	19.9	29.9
92	19.2	15.4	23.0

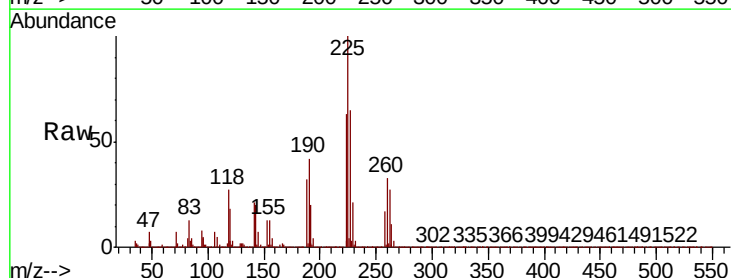


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

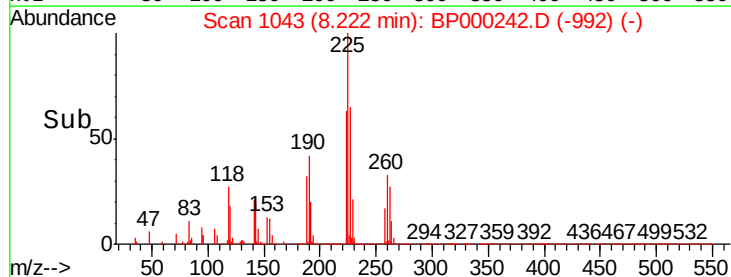
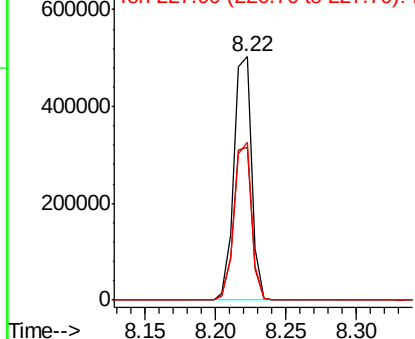


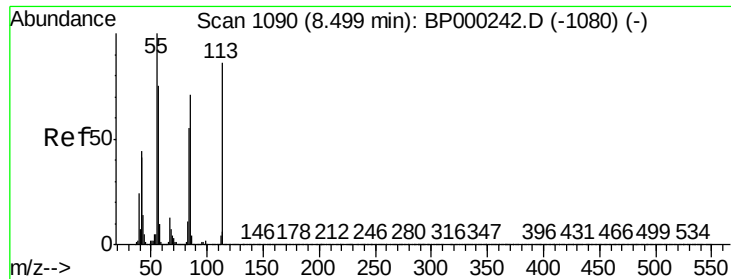
#34
Hexachlorobutadiene
Concen: 46.115 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:	225	Resp:	440124
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	64.7	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

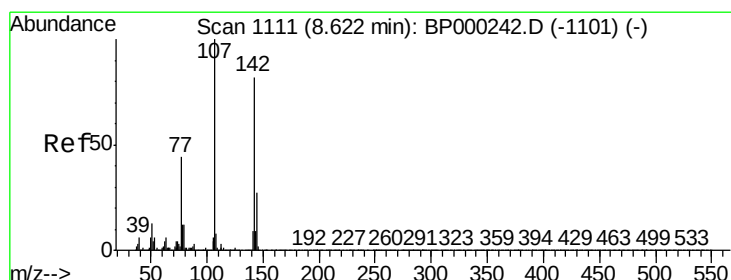
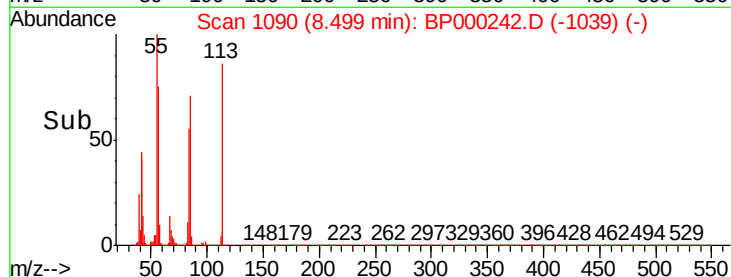
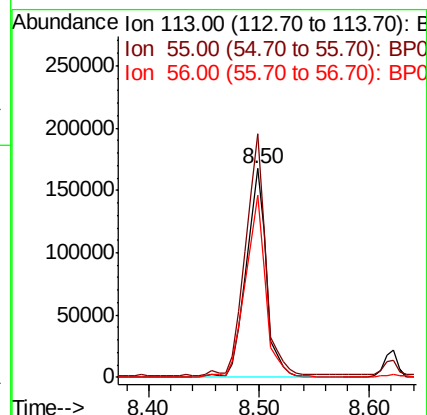
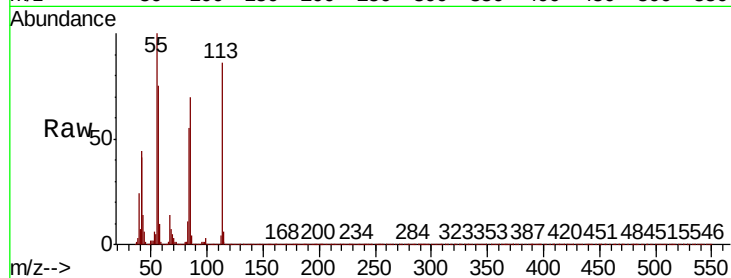




#35
Caprolactam
Concen: 40.627 ng
RT: 8.50 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

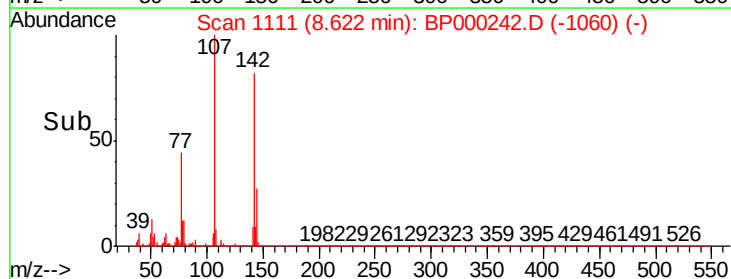
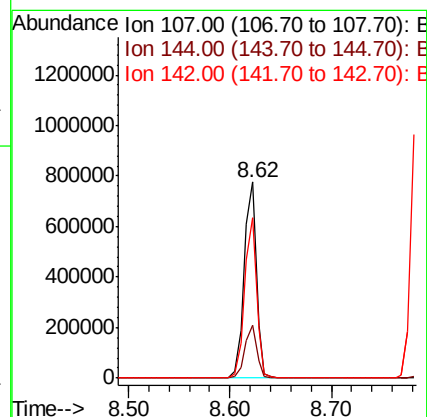
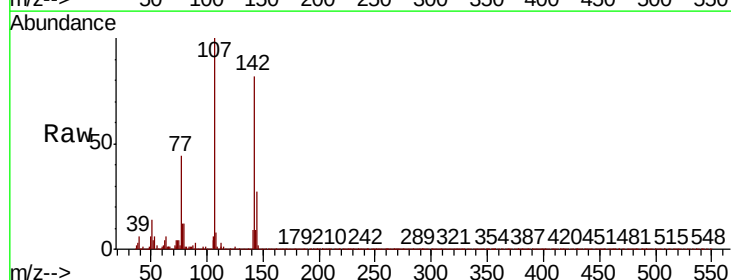
Instrument :
BNA_P
ClientSampled :

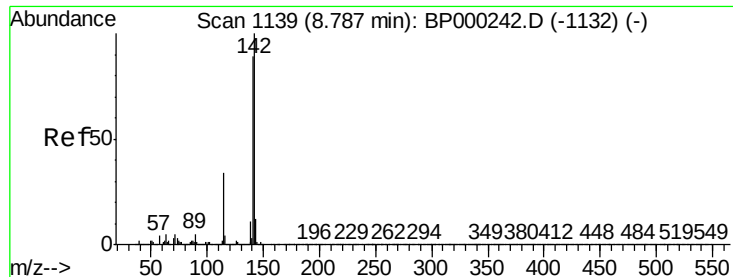
Tot Ion:113 Resp: 214668
Ion Ratio Lower Upper
113 100
55 116.8 96.8 136.8
56 87.5 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 40.127 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:107 Resp: 650499
Ion Ratio Lower Upper
107 100
144 26.9 21.5 32.3
142 82.1 65.7 98.5

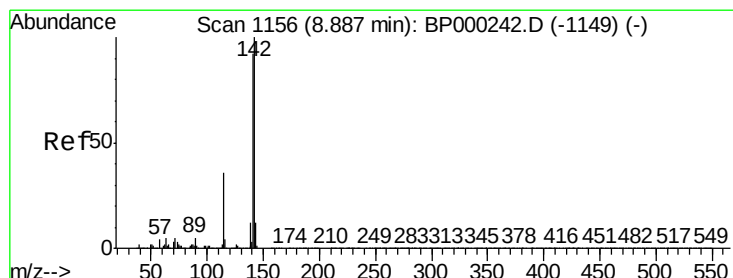
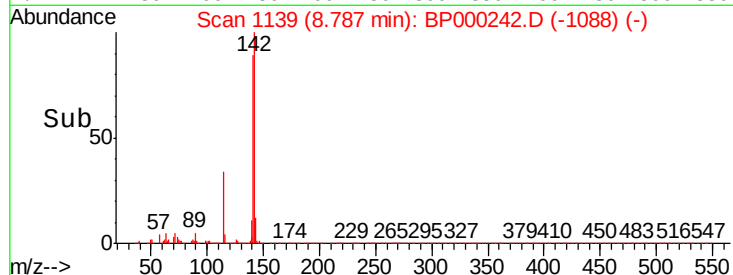
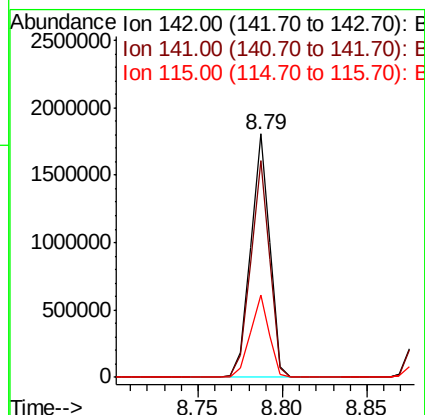
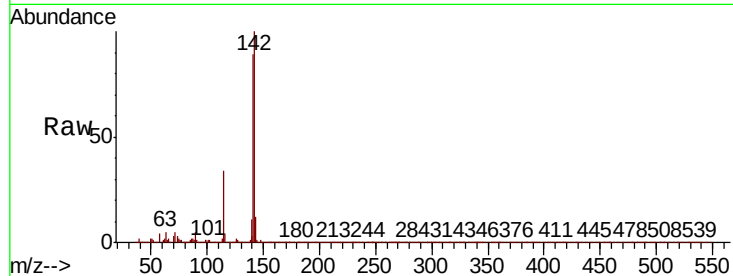




#37
2-Methylnaphthalene
Concen: 42.784 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

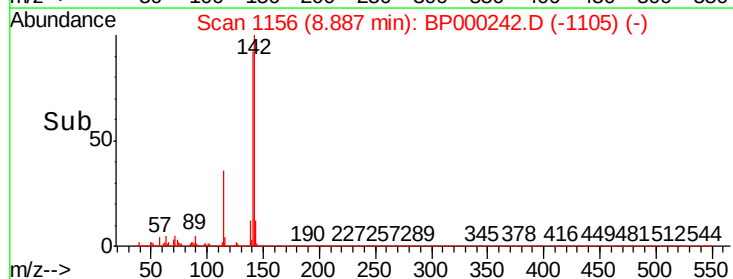
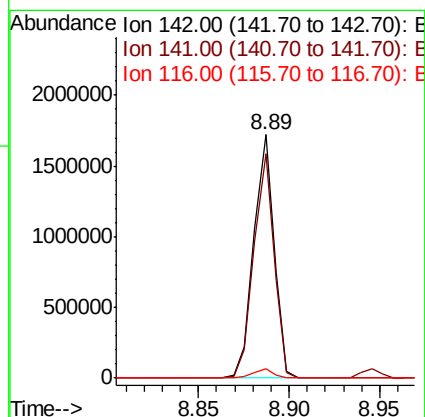
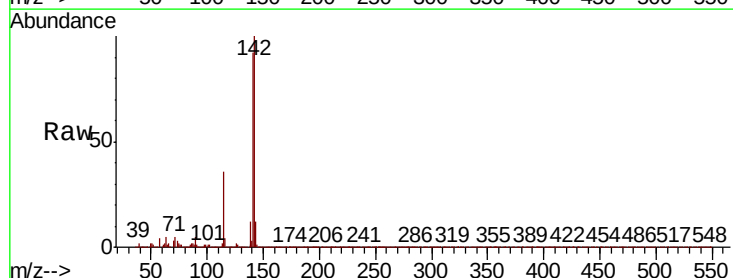
Instrument :
BNA_P
ClientSampleId :

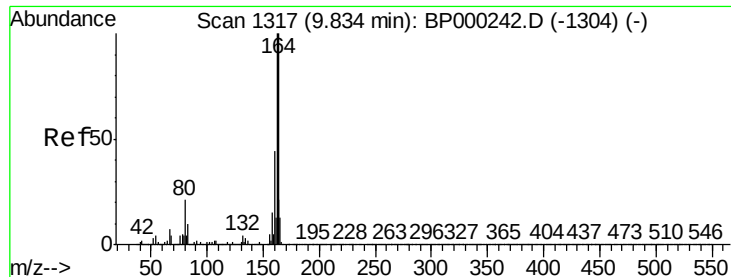
Tot Ion:142 Resp: 1428642
Ion Ratio Lower Upper
142 100
141 89.1 71.3 106.9
115 34.0 27.2 40.8



#38
1-Methylnaphthalene
Concen: 42.555 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:142 Resp: 1338885
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9
116 3.8 3.0 4.6

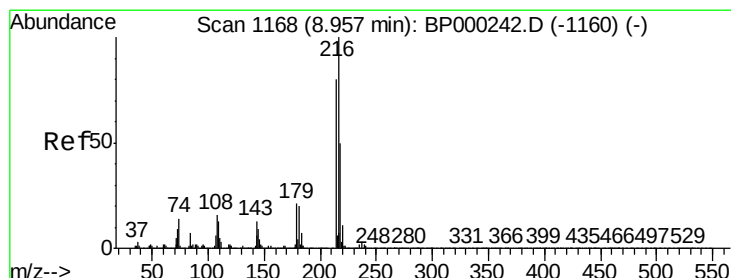
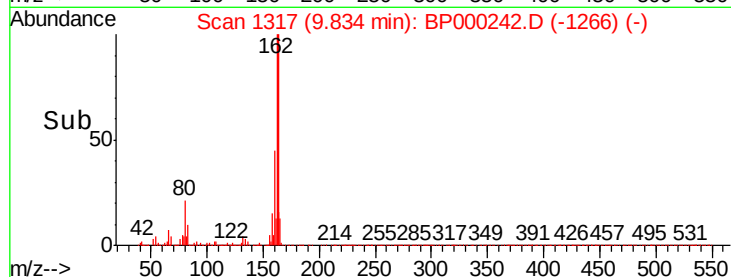
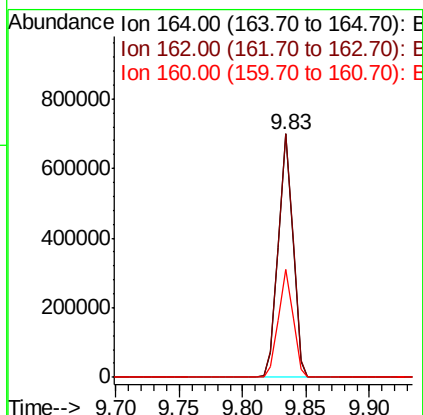
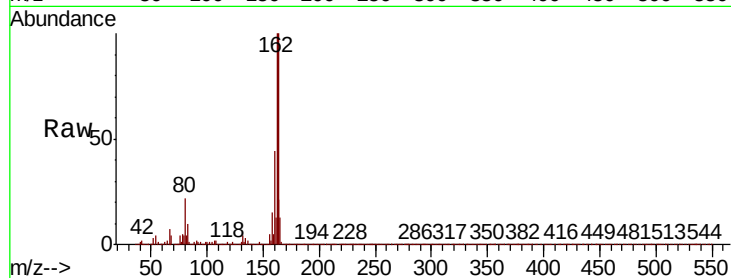




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

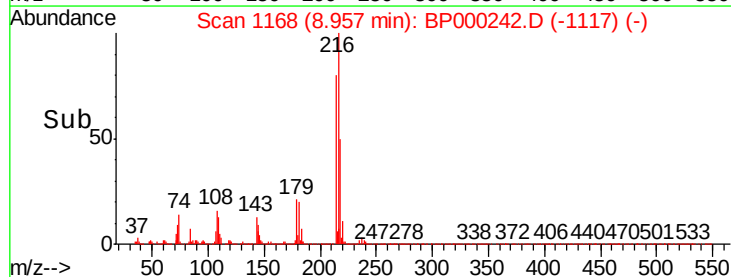
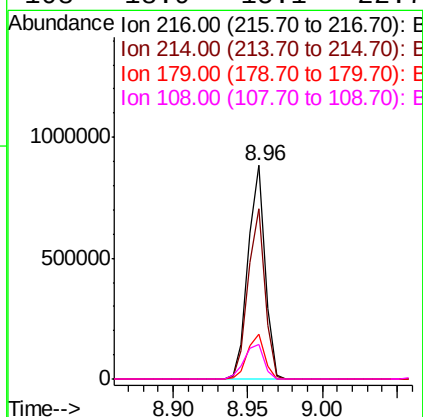
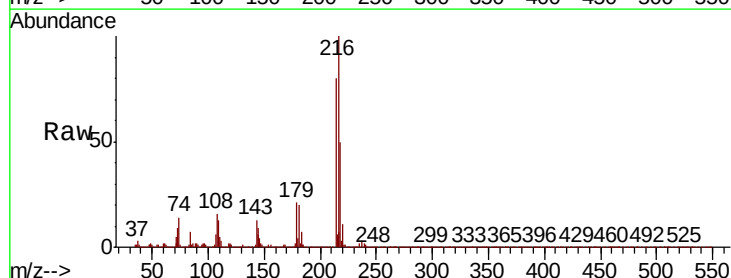
Instrument :
BNA_P
ClientSampleId :

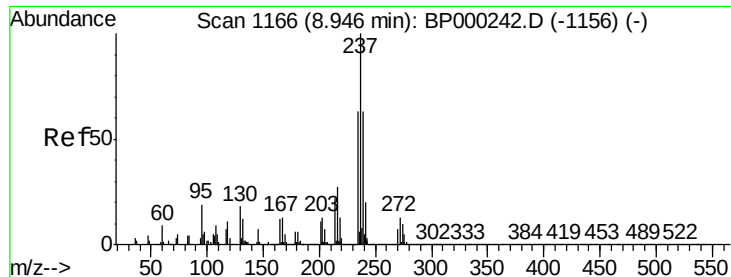
Tot Ion:164	Resp:	557876
Ion	Ratio	Lower Upper
164	100	
162	99.9	79.9 119.9
160	44.5	35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.595 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:216	Resp:	688384
Ion	Ratio	Lower Upper
216	100	
214	79.5	63.6 95.4
179	21.2	17.0 25.4
108	18.9	15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 45.325 ng

RT: 8.95 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Instrument :

BNA_P

ClientSampleId :

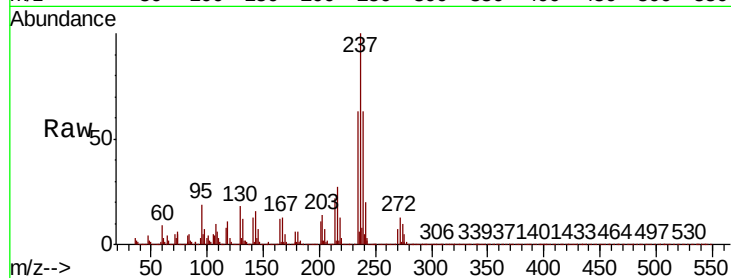
Tot Ion:237 Resp: 394078

Ion Ratio Lower Upper

237 100

235 63.5 43.5 83.5

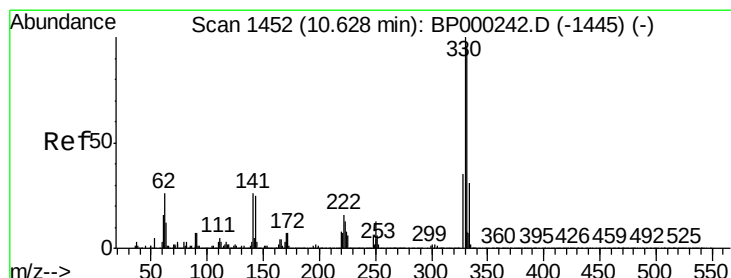
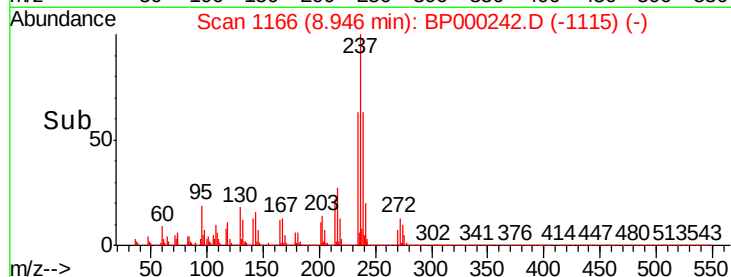
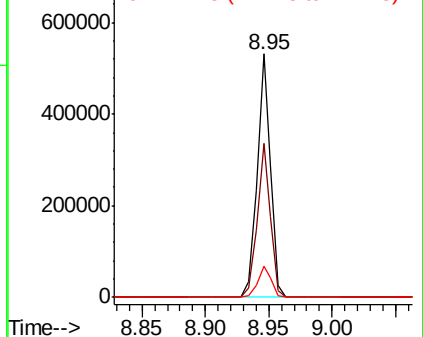
272 13.0 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 100.659 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

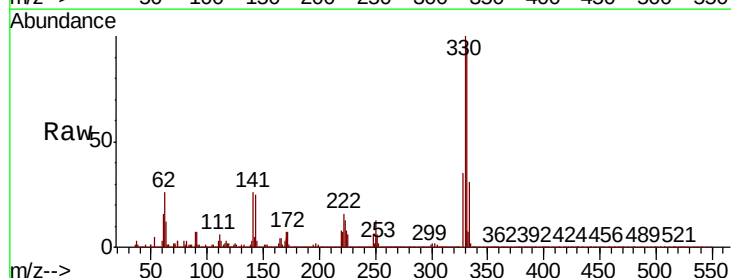
Tgt Ion:330 Resp: 473333

Ion Ratio Lower Upper

330 100

332 95.8 76.6 115.0

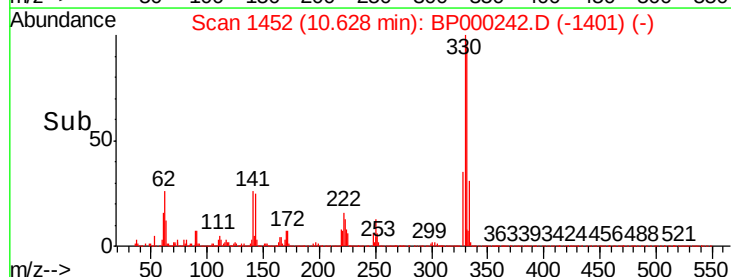
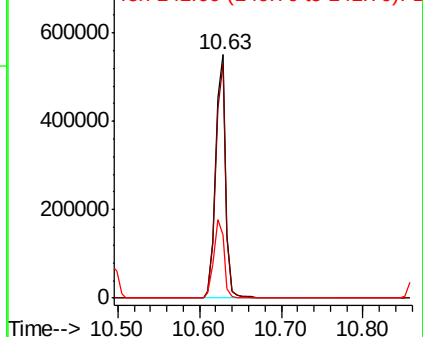
141 33.1 26.5 39.7

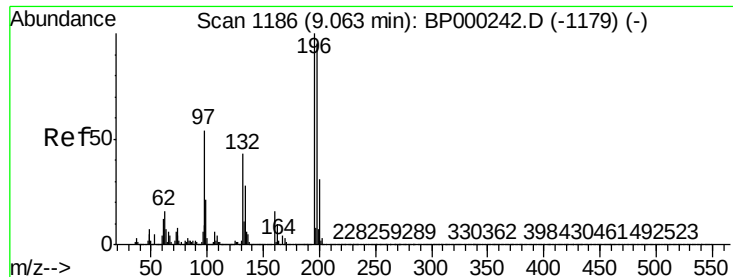


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

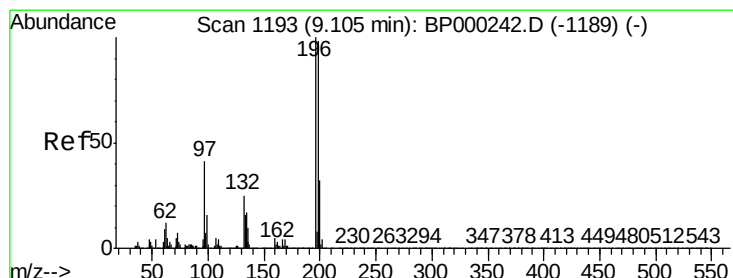
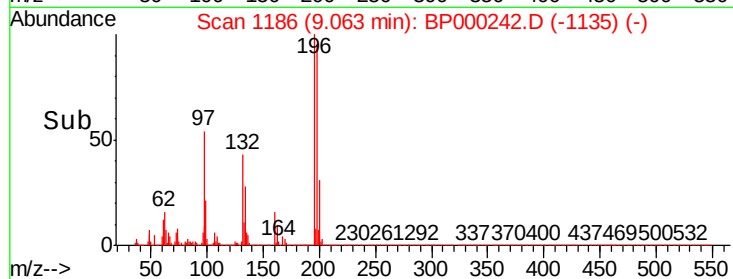
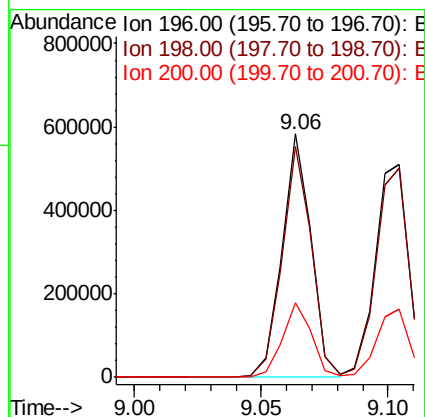
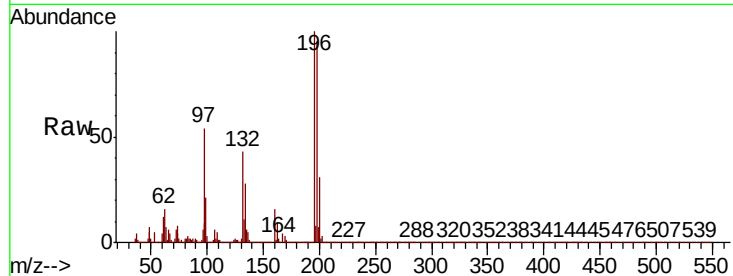




#43
 2,4,6-Trichlorophenol
 Concen: 43.062 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

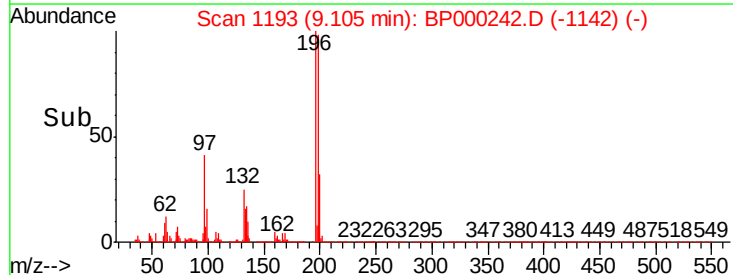
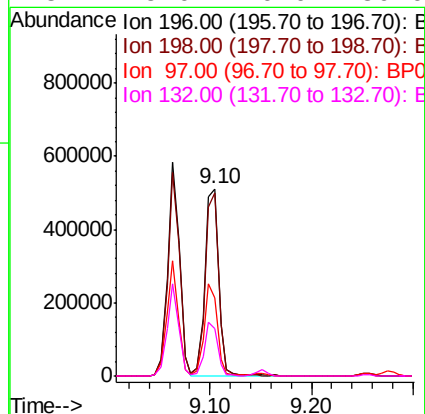
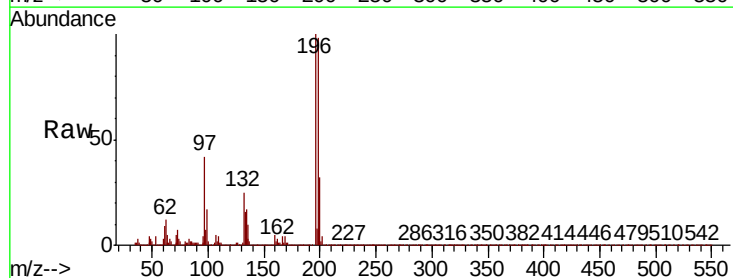
Instrument :
 BNA_P
 ClientSampleId :

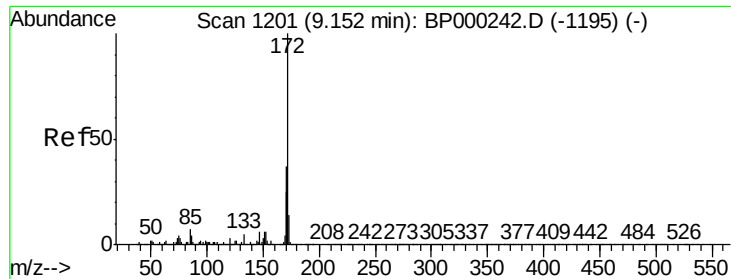
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.0	114.0
200	30.8	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.306 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.6	78.1	117.1
97	41.6	33.3	49.9
132	25.0	20.0	30.0

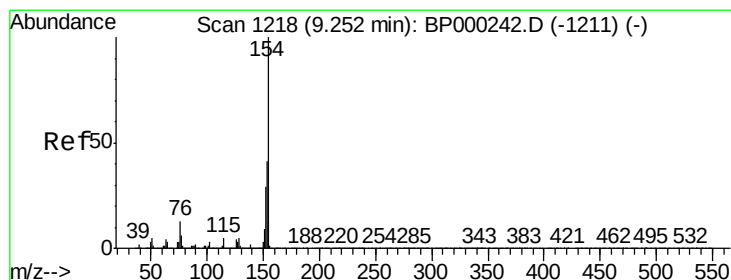
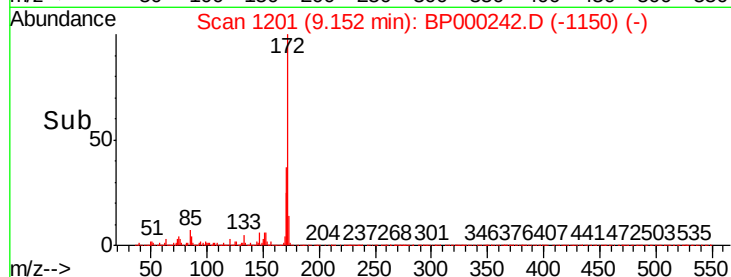
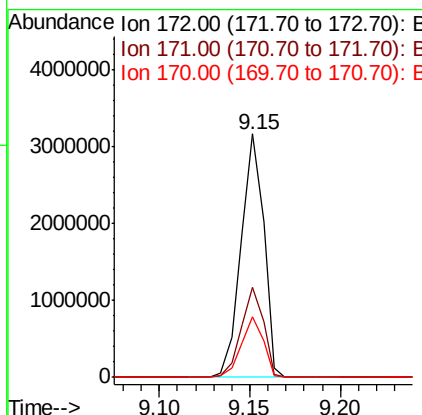
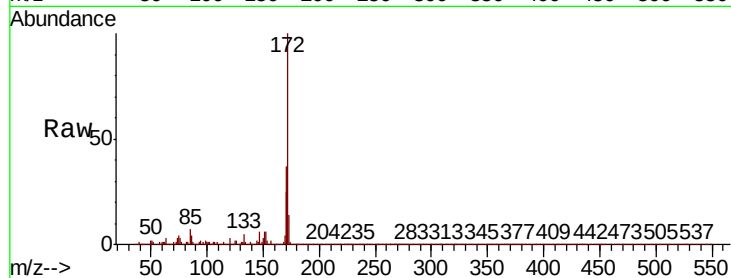




#45
2-Fluorobiphenyl
Concen: 82.675 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

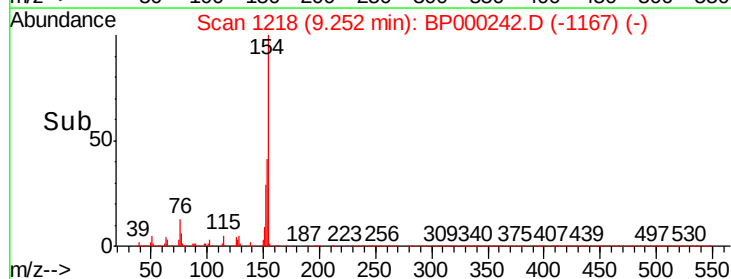
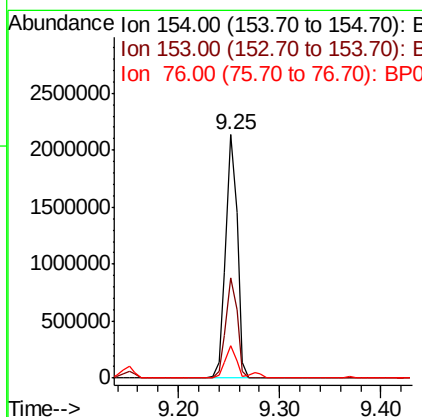
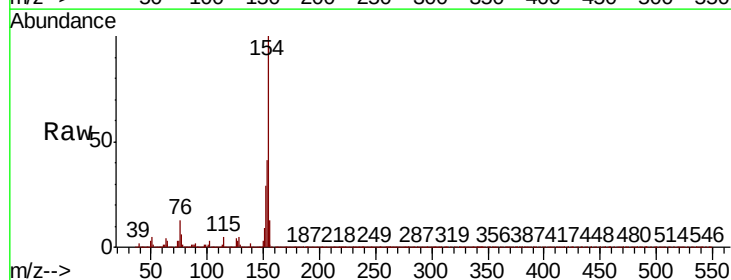
Instrument :
BNA_P
ClientSampleId :

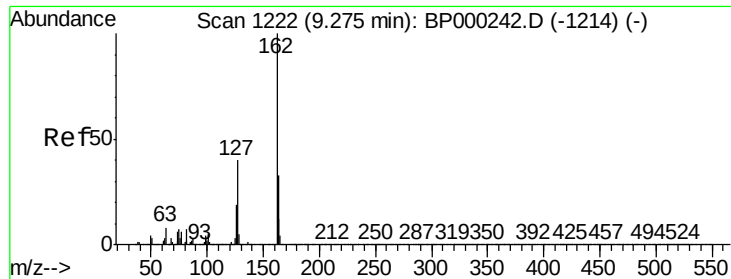
Tot Ion:172 Resp: 2761839
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 24.7 19.8 29.6



#46
1,1'-Biphenyl
Concen: 43.087 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:154 Resp: 1696921
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 13.4 0.0 33.4





#47

2-Chloronaphthalene

Concen: 43.127 ng

RT: 9.28 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Instrument :

BNA_P

ClientSampleId :

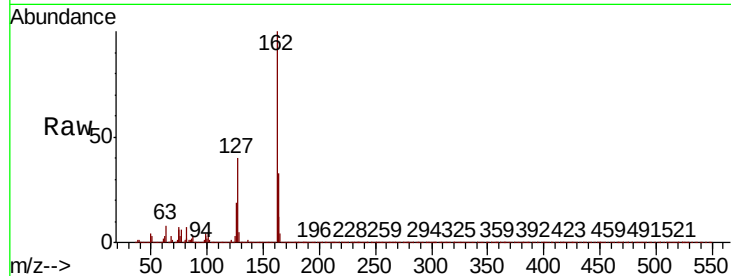
Tot Ion:162 Resp: 1409939

Ion Ratio Lower Upper

162 100

127 40.5 32.4 48.6

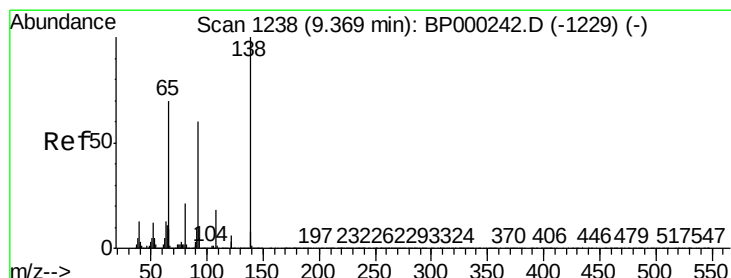
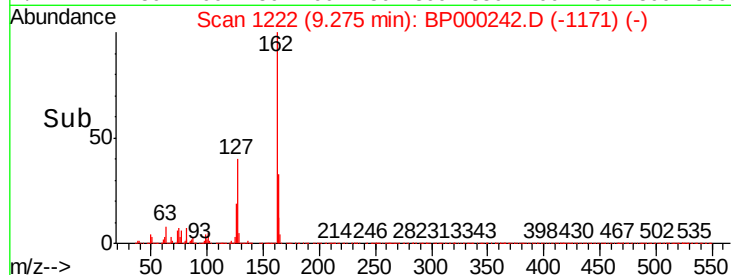
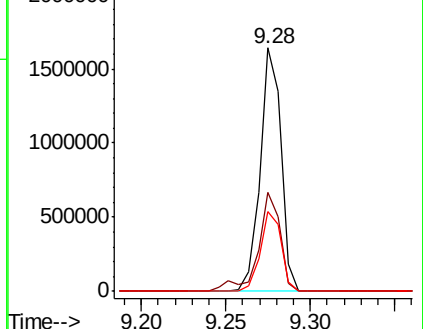
164 32.9 26.3 39.5



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: 39.459 ng

RT: 9.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

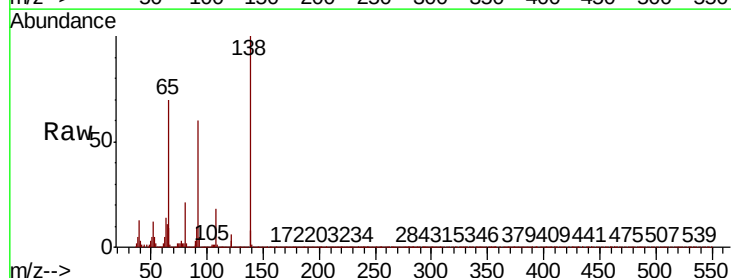
Tgt Ion: 65 Resp: 348445

Ion Ratio Lower Upper

65 100

92 85.9 68.7 103.1

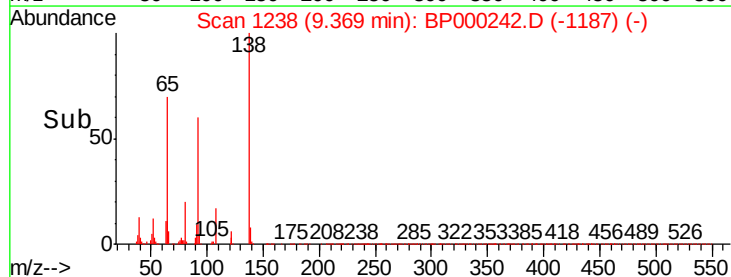
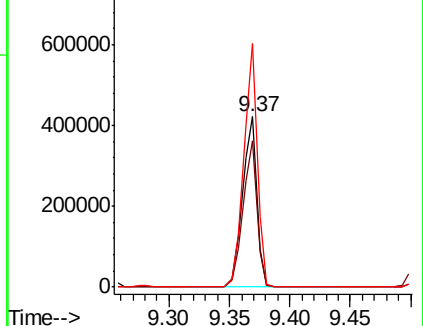
138 143.0 114.4 171.6

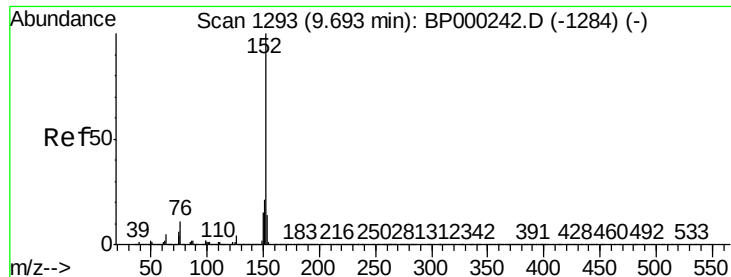


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.091 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

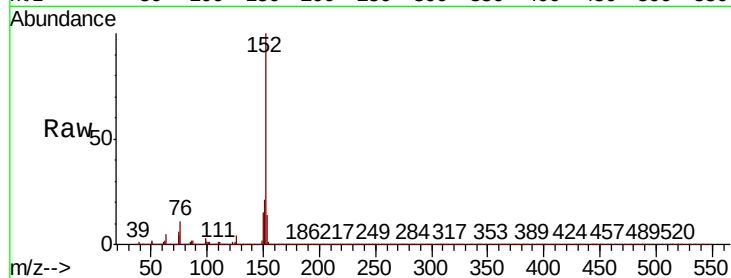
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 2138851

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.7	11.0	16.4

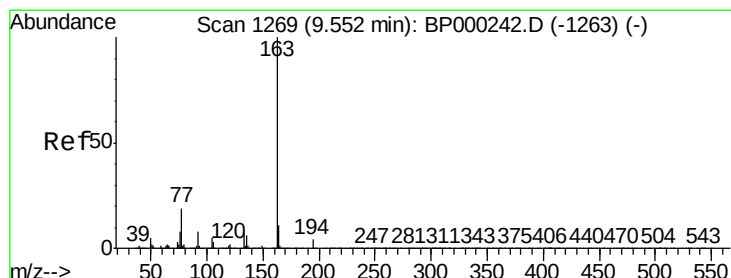
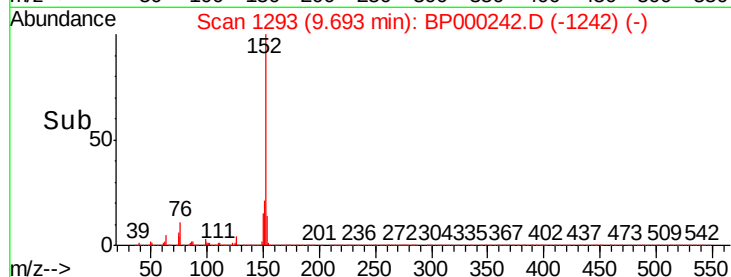
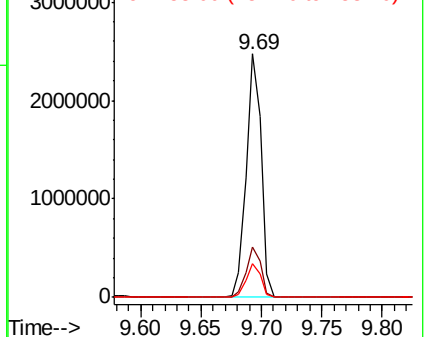


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.670 ng

RT: 9.55 min Scan# 1269

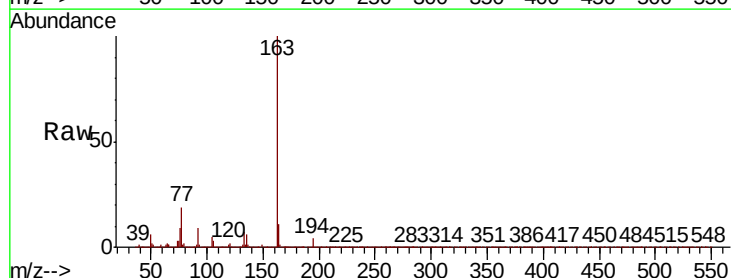
Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Tgt Ion:163 Resp: 1622150

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.6	8.5	12.7

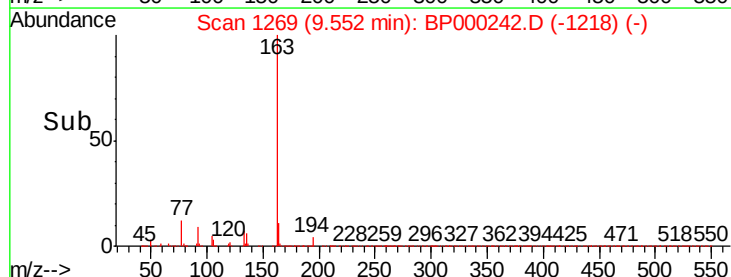
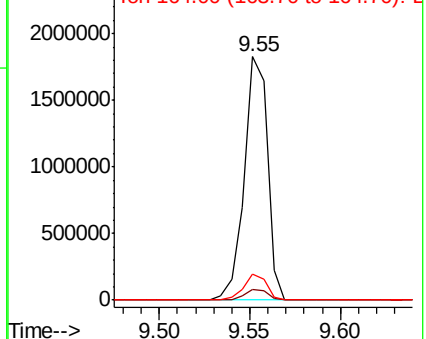


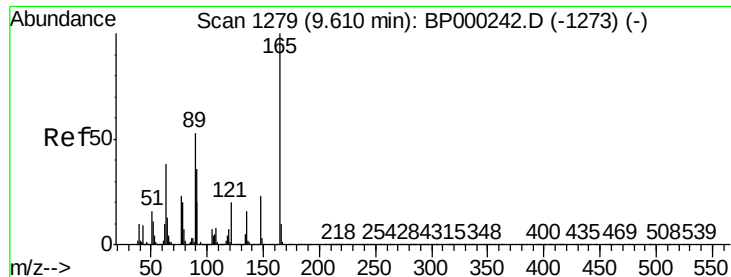
Abundance

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

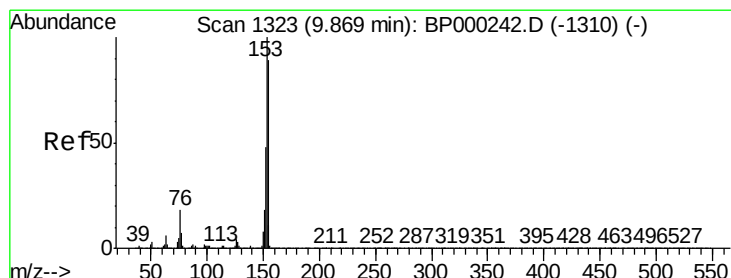
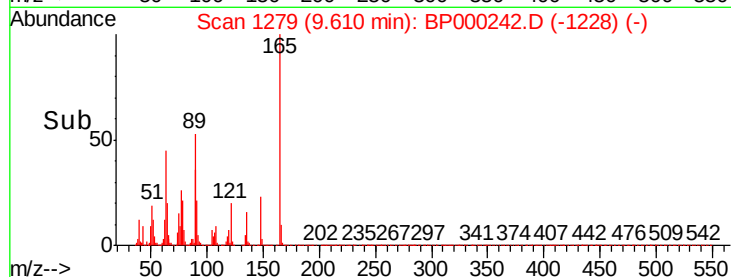
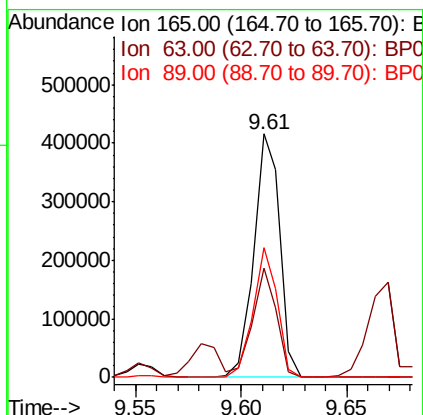
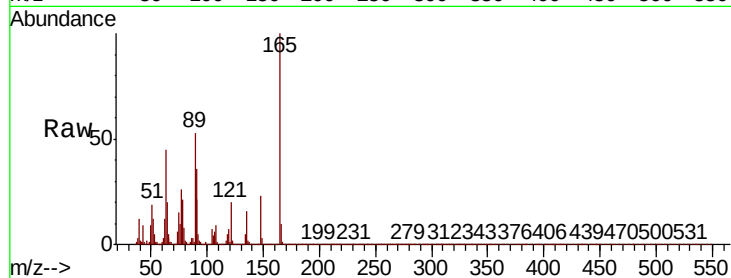




#51
 2,6-Dinitrotoluene
 Concen: 43.877 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

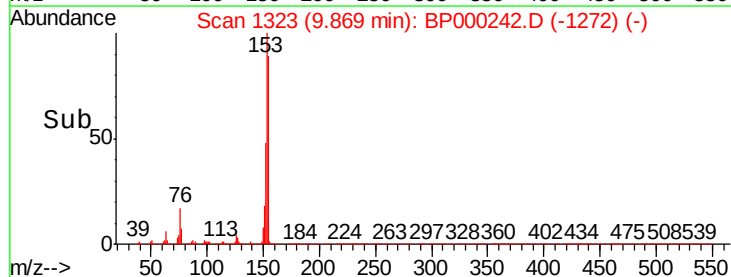
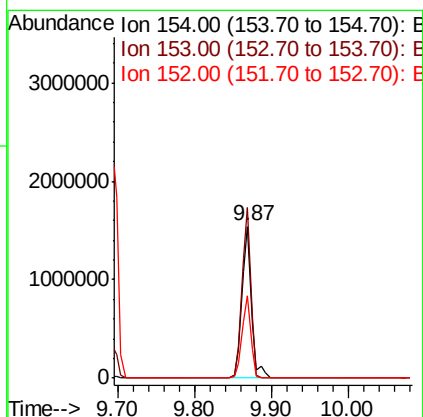
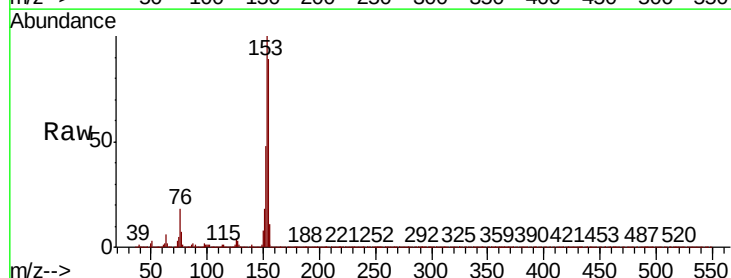
Instrument :
 BNA_P
 ClientSampleId :

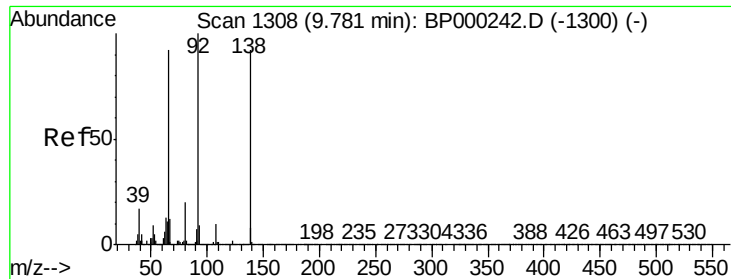
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.8	35.8	53.8
89	53.2	42.6	63.8



#52
 Acenaphthene
 Concen: 43.876 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.8	134.6
152	54.2	43.4	65.0

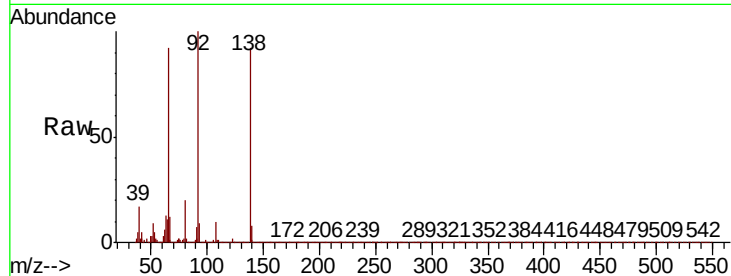




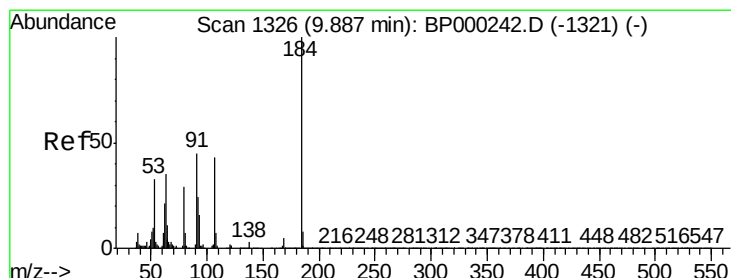
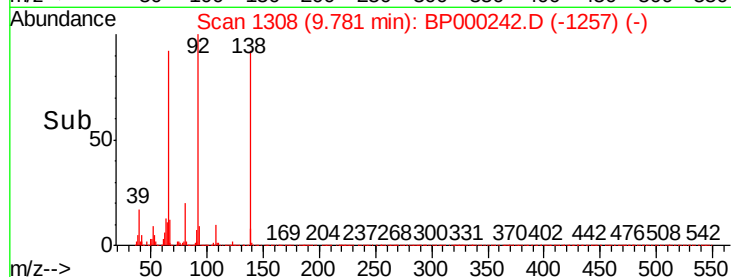
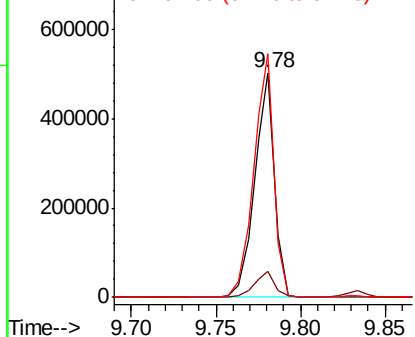
#53
 3-Nitroaniline
 Concen: 42.534 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:138 Resp: 410017
 Ion Ratio Lower Upper
 138 100
 108 11.4 9.1 13.7
 92 108.4 86.7 130.1

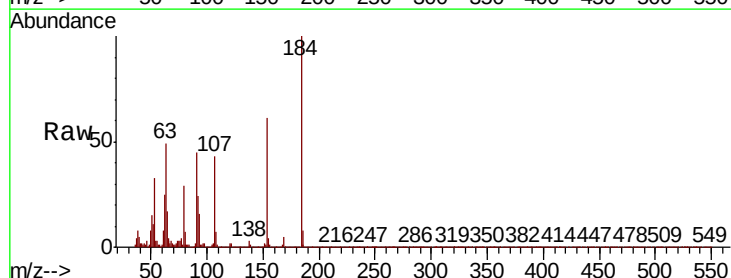


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BP0

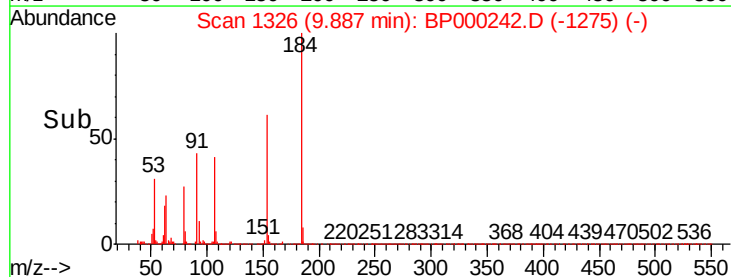
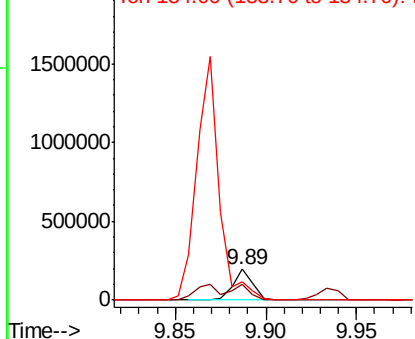


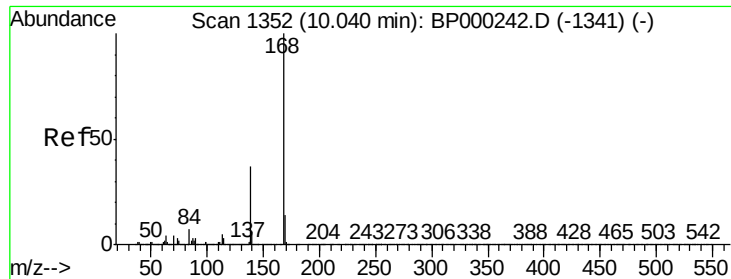
#54
 2,4-Dinitrophenol
 Concen: 58.844 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

Tgt Ion:184 Resp: 149934
 Ion Ratio Lower Upper
 184 100
 63 49.4 39.5 59.3
 154 61.0 48.8 73.2



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BP0
 Ion 154.00 (153.70 to 154.70): E

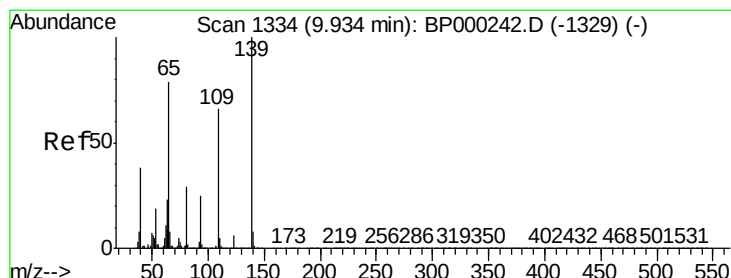
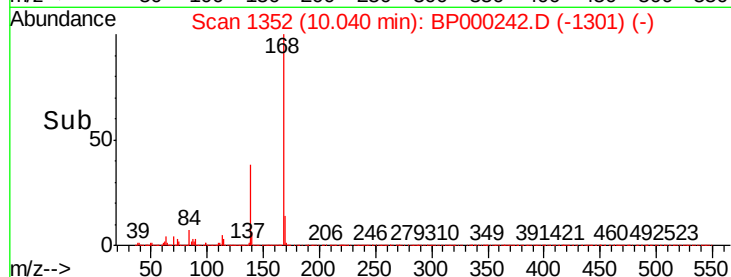
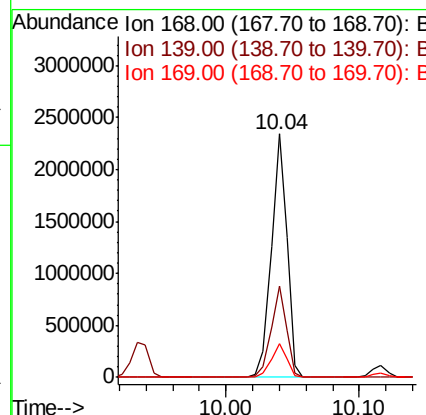
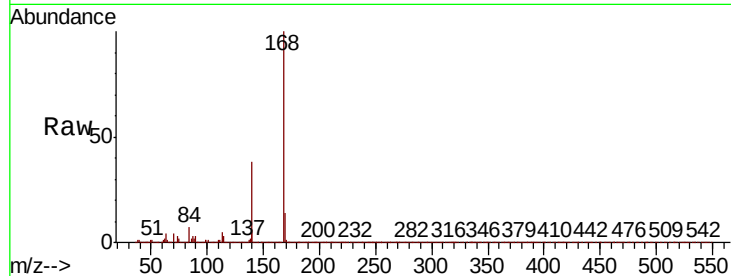




#55
Dibenzofuran
Concen: 43.686 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

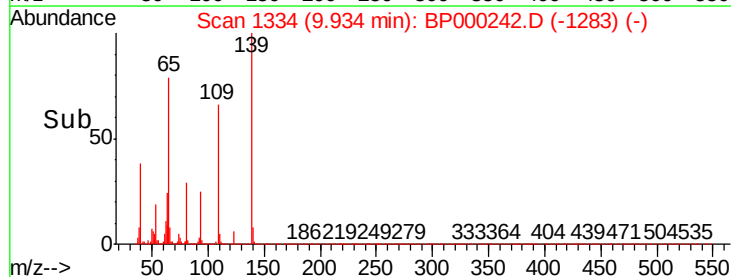
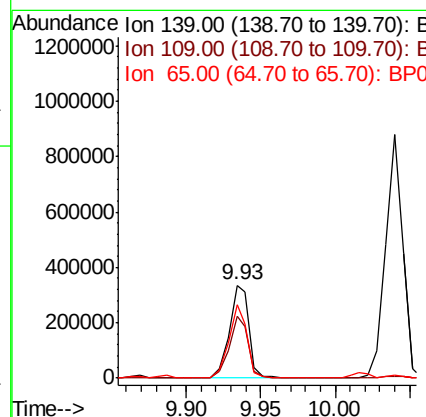
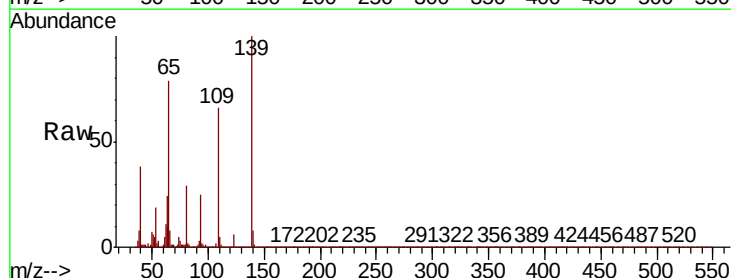
Instrument :
BNA_P
ClientSampleId :

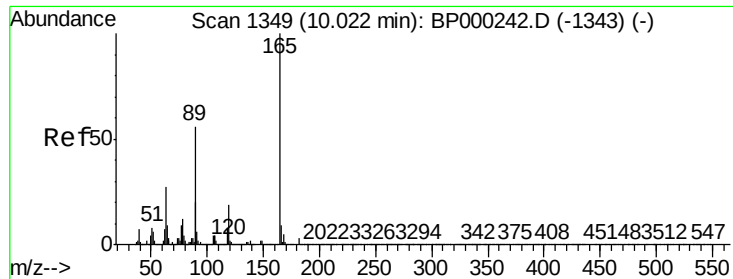
Tot Ion:168 Resp: 1888288
Ion Ratio Lower Upper
168 100
139 37.5 30.0 45.0
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 45.176 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:139 Resp: 311271
Ion Ratio Lower Upper
139 100
109 66.2 46.2 86.2
65 79.4 59.4 99.4

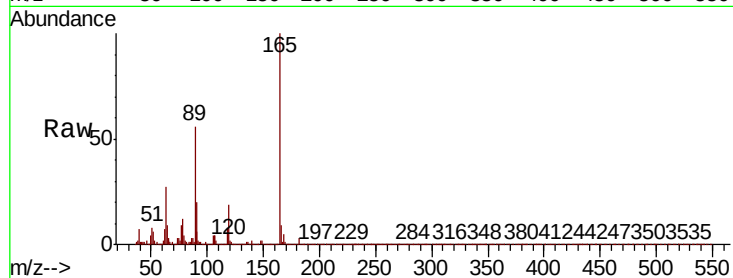




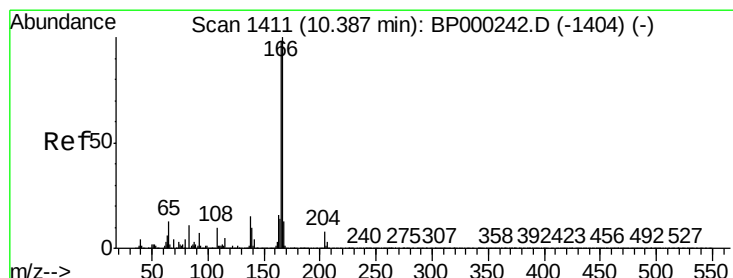
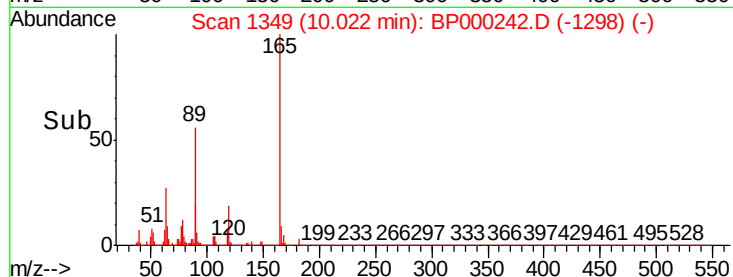
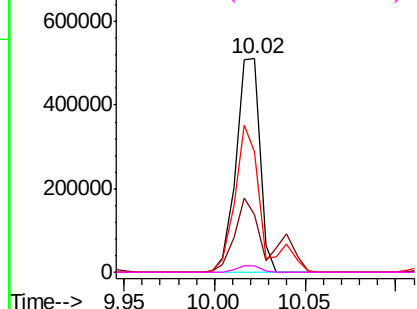
#57
2,4-Dinitrotoluene
Concen: 45.387 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165	Resp:	467565
Ion	Ratio	Lower Upper
165	100	
63	27.1	21.7 32.5
89	56.3	45.0 67.6
182	3.0	2.4 3.6

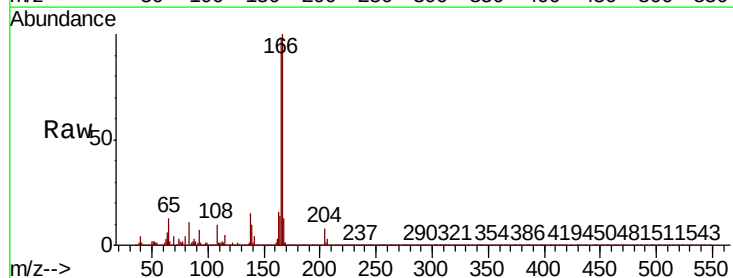


Abundance Ion 165.00 (164.70 to 165.70): E
800000
Ion 63.00 (62.70 to 63.70): BP
Ion 89.00 (88.70 to 89.70): BP
Ion 182.00 (181.70 to 182.70): E

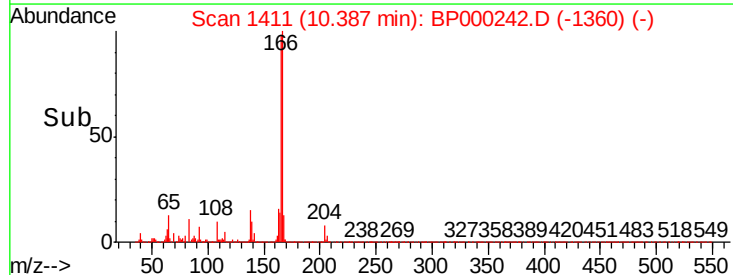
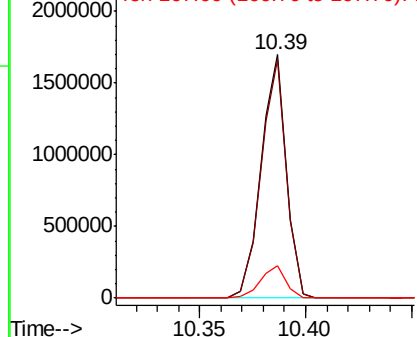


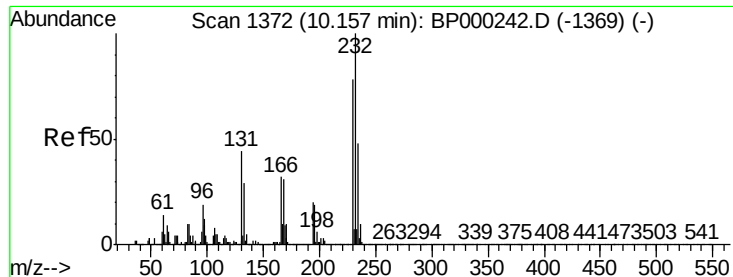
#58
Fluorene
Concen: 43.356 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:166	Resp:	1410386
Ion	Ratio	Lower Upper
166	100	
165	97.7	78.2 117.2
167	13.4	10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E
2000000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

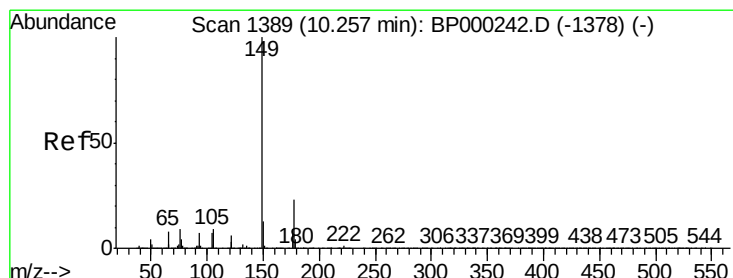
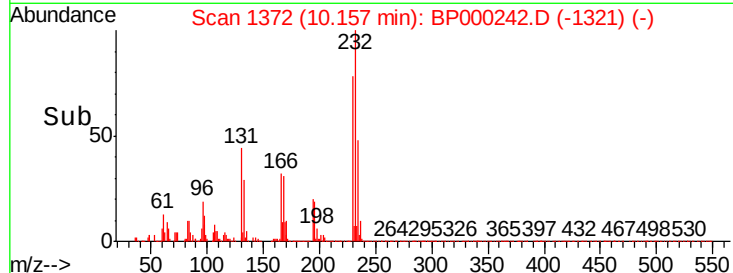
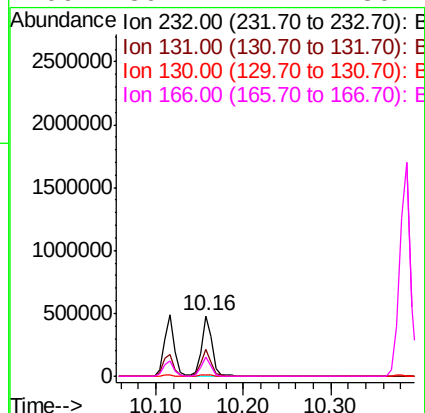
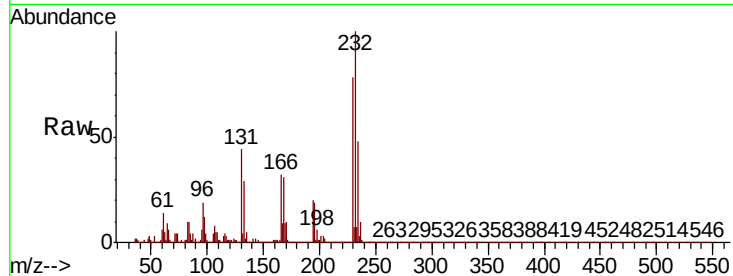




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.259 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

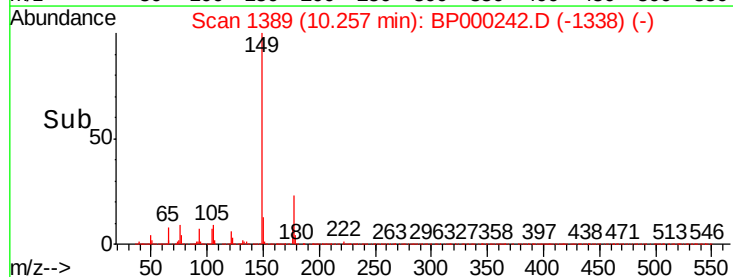
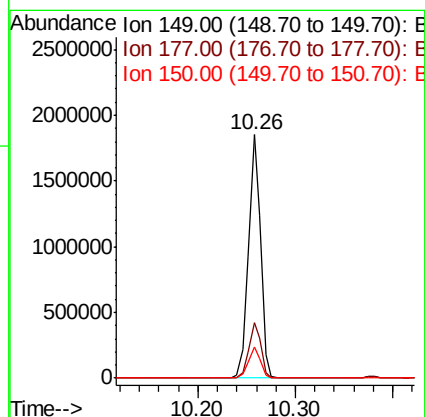
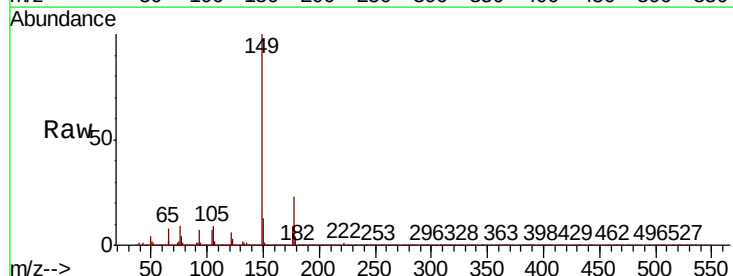
Instrument :
 BNA_P
 ClientSampleId :

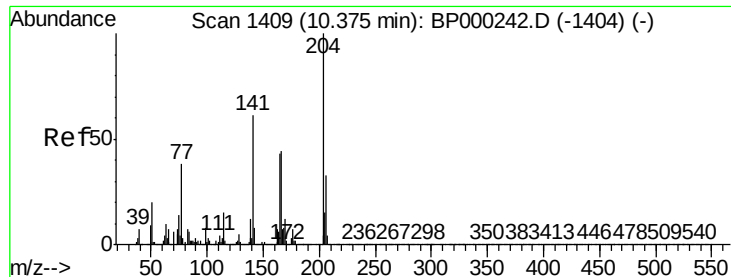
Tot Ion:232	Resp:	399064
Ion Ratio	Lower	Upper
232	100	
131	42.0	33.6 50.4
130	2.2	1.8 2.6
166	30.2	24.2 36.2



#60
 Diethylphthalate
 Concen: 41.248 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

Tgt Ion:149	Resp:	1569592
Ion Ratio	Lower	Upper
149	100	
177	22.6	18.1 27.1
150	12.9	10.3 15.5

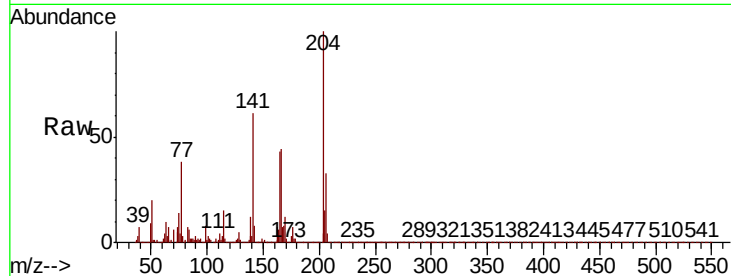




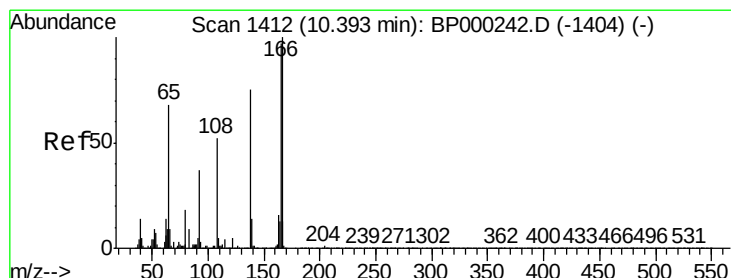
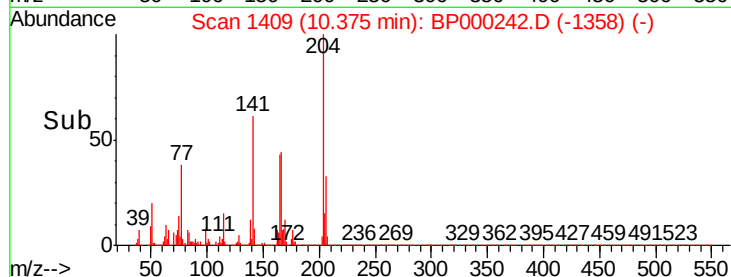
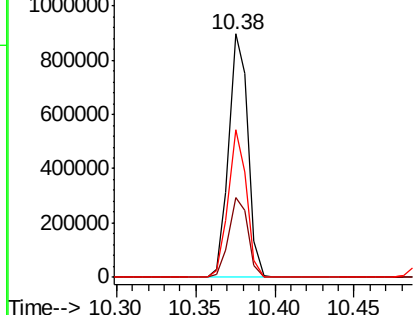
#61
4-Chlorophenyl-phenylether
Concen: 44.467 ng
RT: 10.38 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Instrument :
BNA_P
ClientSampled :

Tot Ion:204 Resp: 751860
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 60.7 48.6 72.8

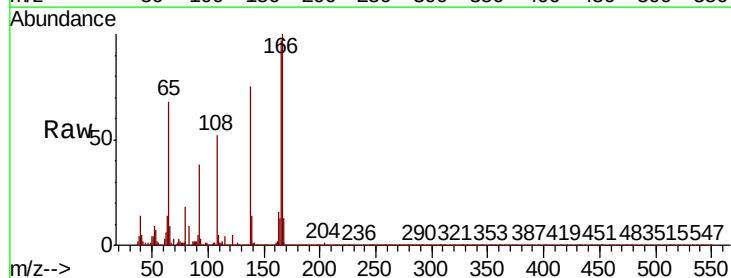


Abundance Ion 204.00 (203.70 to 204.70): E
1200000 Ion 206.00 (205.70 to 206.70): E
1000000 Ion 141.00 (140.70 to 141.70): E

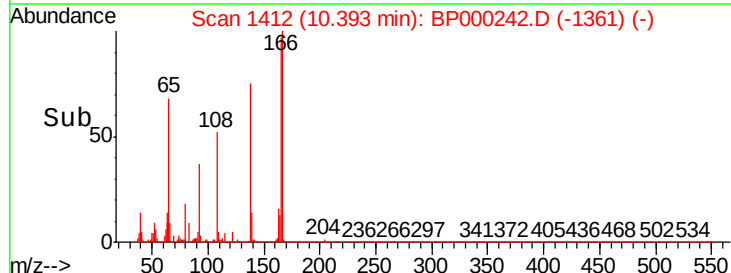
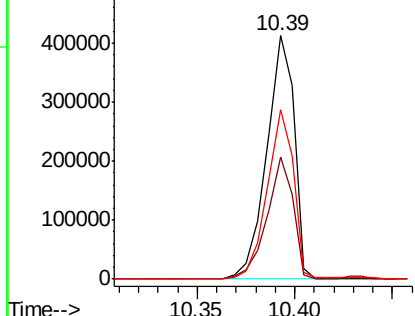


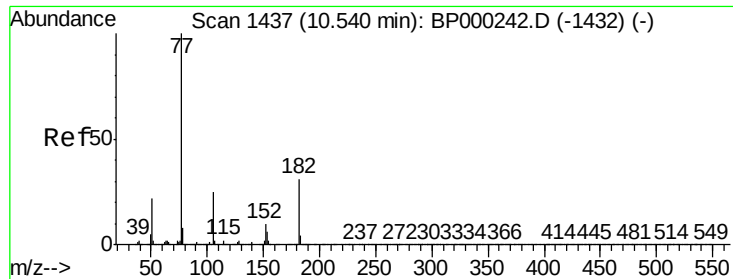
#62
4-Nitroaniline
Concen: 43.752 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:138 Resp: 402286
Ion Ratio Lower Upper
138 100
92 50.1 30.1 70.1
108 69.5 49.5 89.5



Abundance Ion 138.00 (137.70 to 138.70): E
500000 Ion 92.00 (91.70 to 92.70): BP0
400000 Ion 108.00 (107.70 to 108.70): E

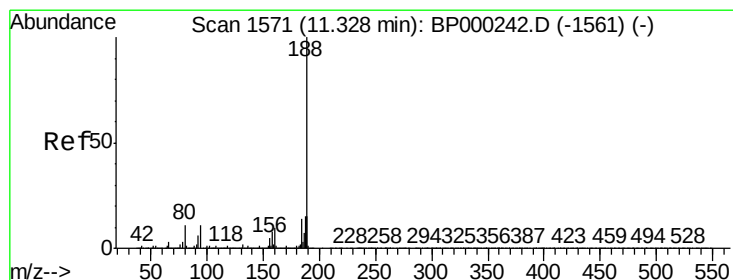
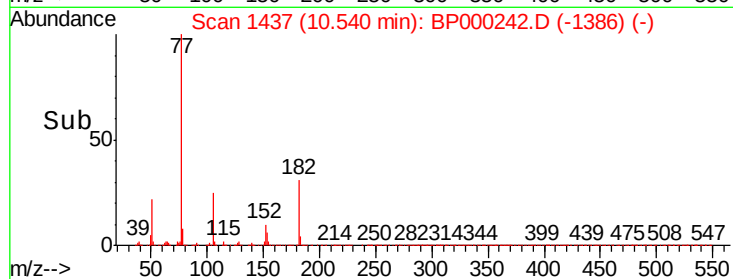
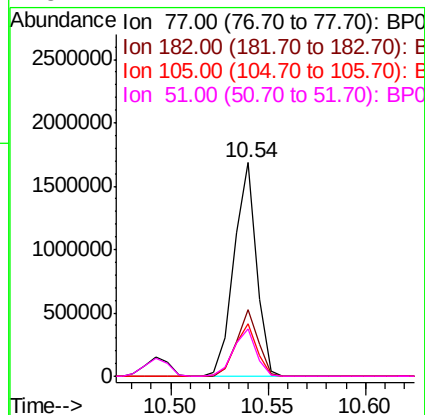
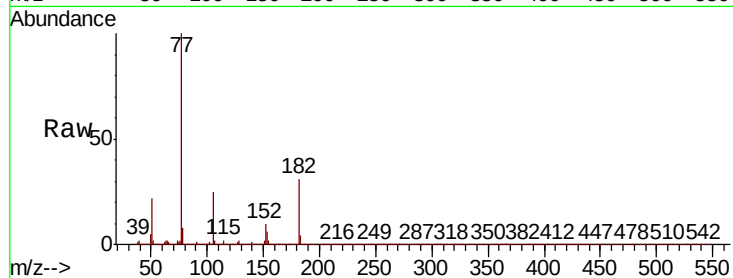




#63
Azobenzene
Concen: 36.757 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

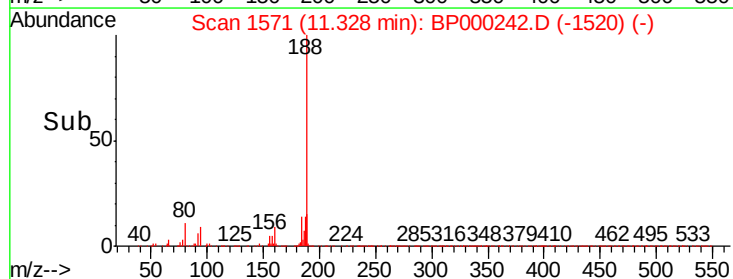
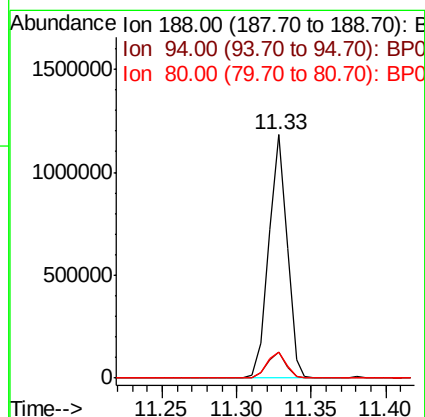
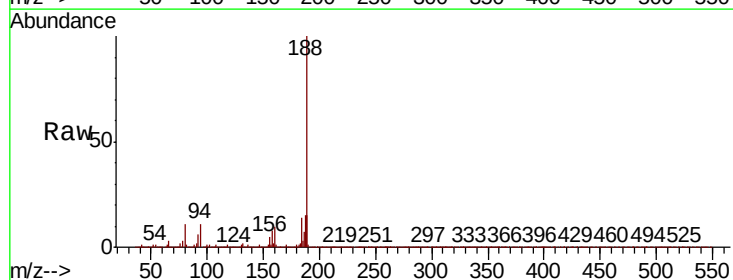
Instrument :
BNA_P
ClientSampled :

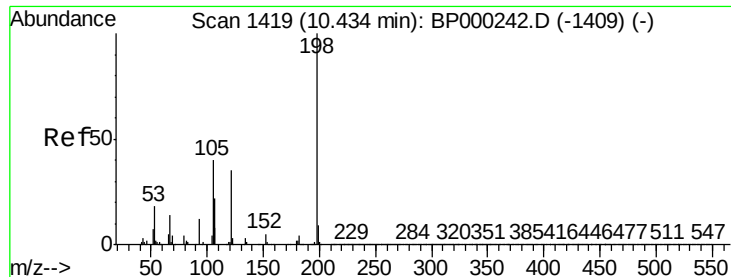
Tot Ion: 77 Resp: 1339424
Ion Ratio Lower Upper
77 100
182 31.1 11.1 51.1
105 24.7 4.7 44.7
51 22.2 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:188 Resp: 996398
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 10.8 8.6 13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 54.670 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Instrument :

BNA_P

ClientSampleId :

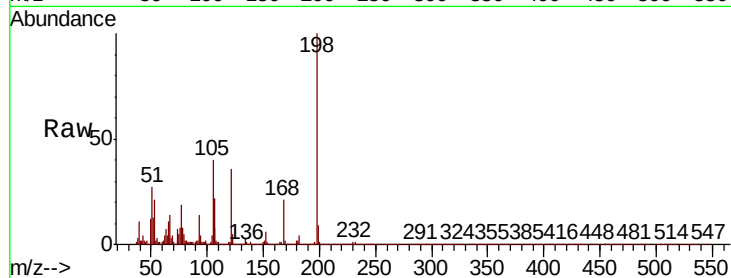
Tot Ion:198 Resp: 193388

Ion Ratio Lower Upper

198 100

51 27.4 7.4 47.4

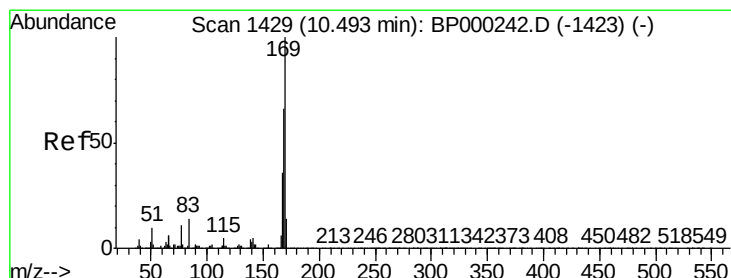
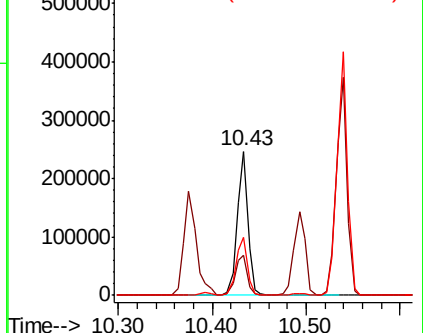
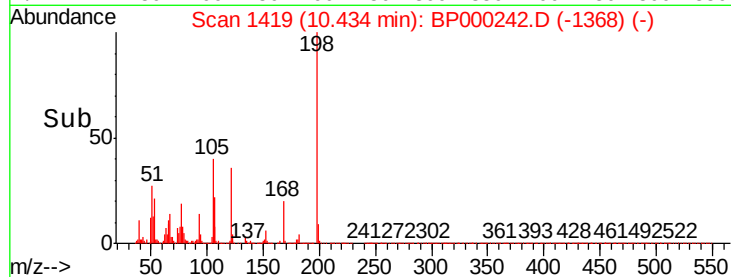
105 40.2 20.2 60.2



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: 43.897 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

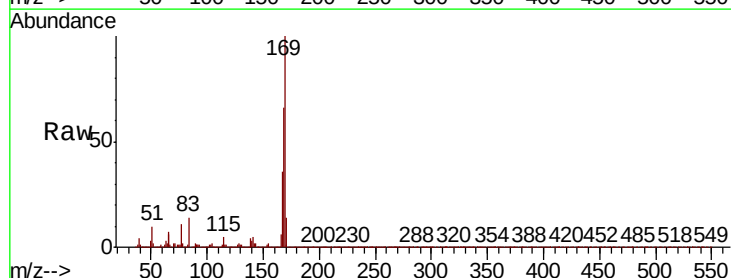
Tgt Ion:169 Resp: 1299477

Ion Ratio Lower Upper

169 100

168 66.1 52.9 79.3

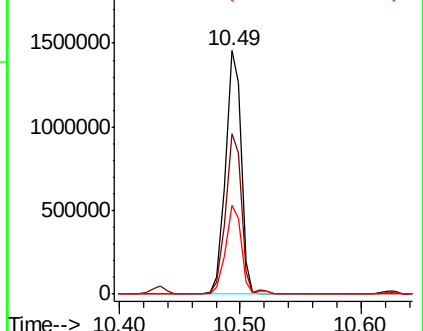
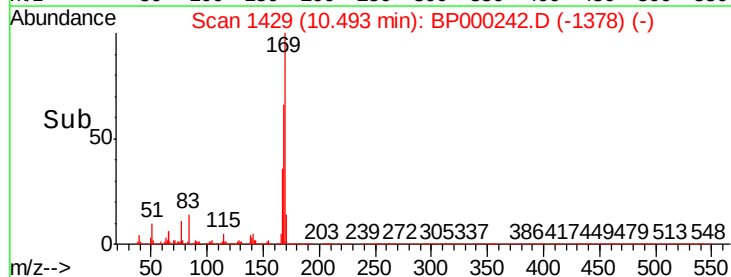
167 36.3 29.0 43.6

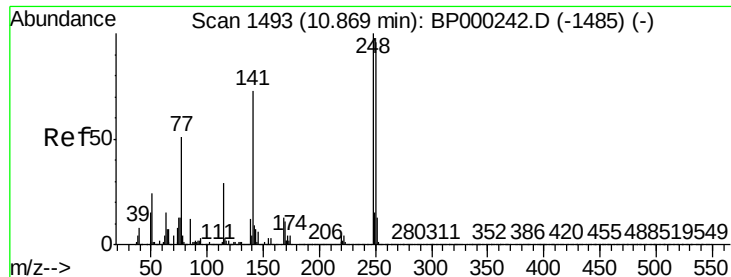


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

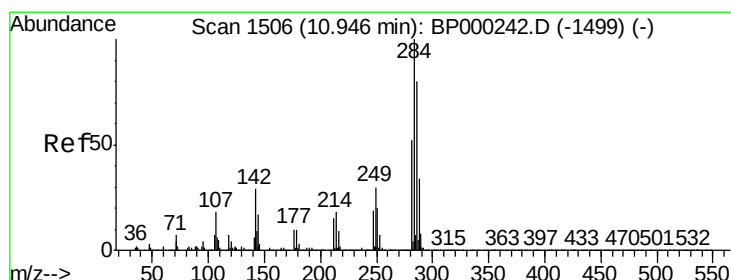
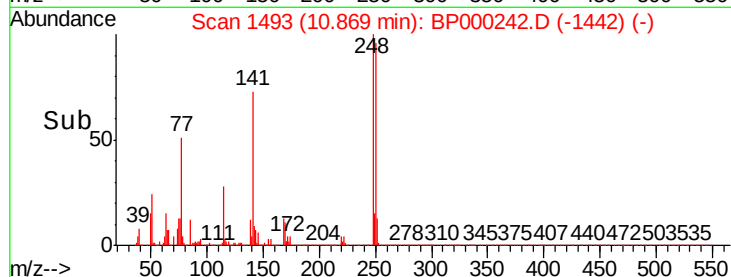
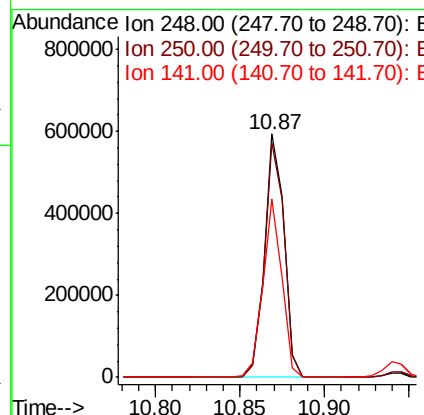
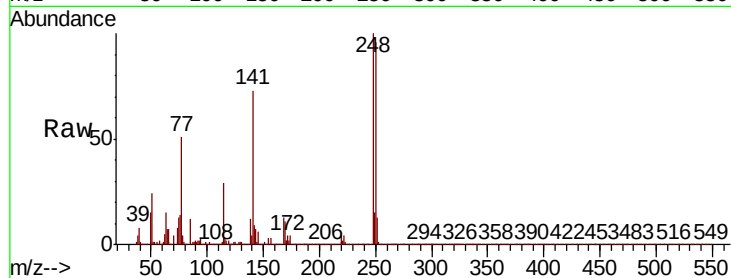




#67
4-Bromophenyl-phenylether
Concen: 47.311 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

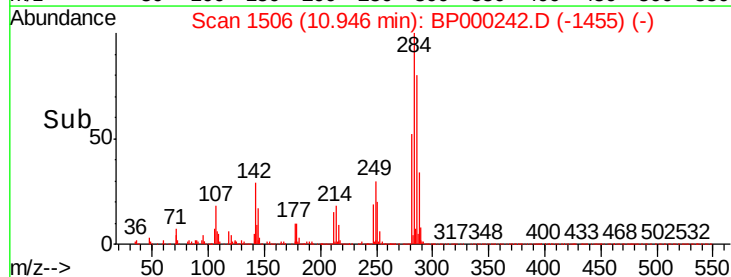
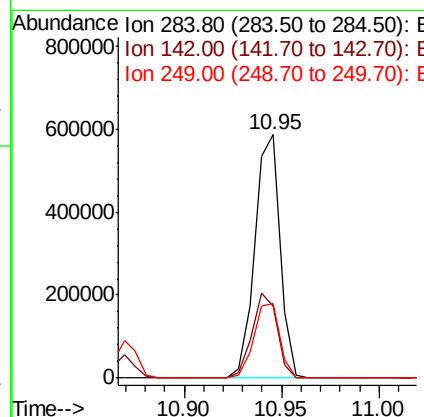
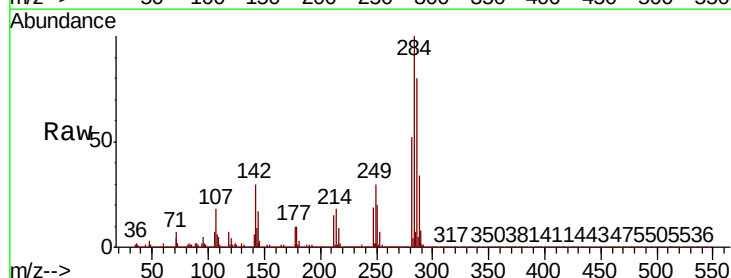
Instrument :
BNA_P
ClientSampleId :

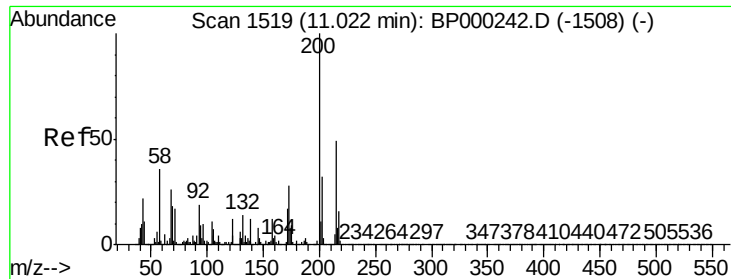
Tot Ion:248 Resp: 479074
Ion Ratio Lower Upper
248 100
250 96.2 77.0 115.4
141 73.1 58.5 87.7



#68
Hexachlorobenzene
Concen: 47.573 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:284 Resp: 524893
Ion Ratio Lower Upper
284 100
142 29.5 23.6 35.4
249 30.4 24.3 36.5





#69

Atrazine

Concen: 36.559 ng

RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Instrument :

BNA_P

ClientSampled :

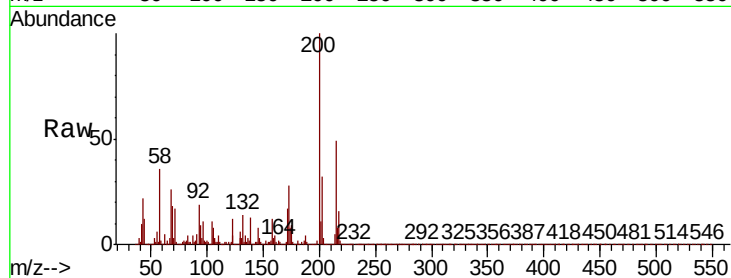
Tot Ion:200 Resp: 314882

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

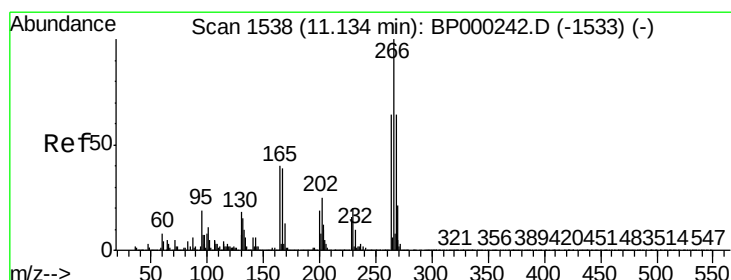
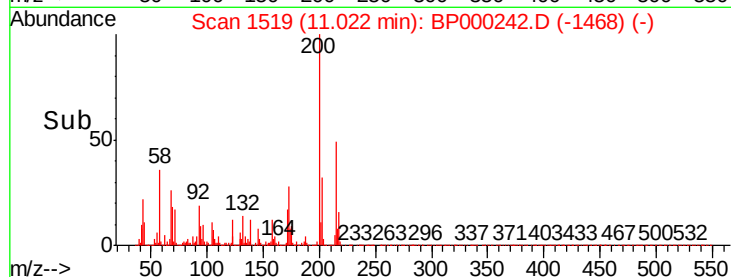
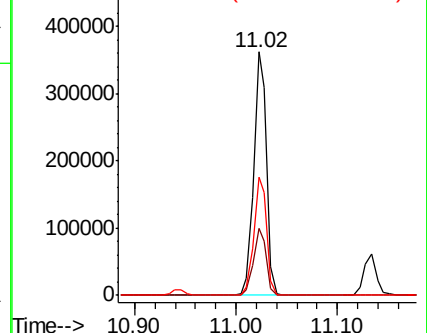
215 48.6 28.6 68.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 47.927 ng

RT: 11.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

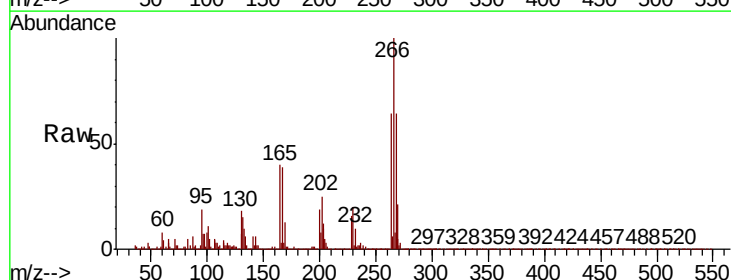
Tgt Ion:266 Resp: 286530

Ion Ratio Lower Upper

266 100

268 64.5 51.6 77.4

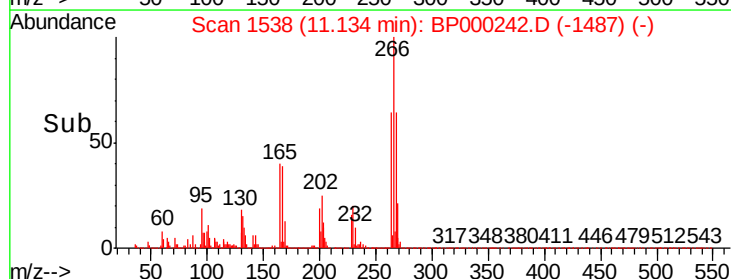
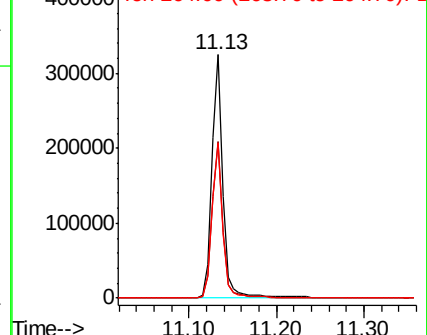
264 63.5 50.8 76.2

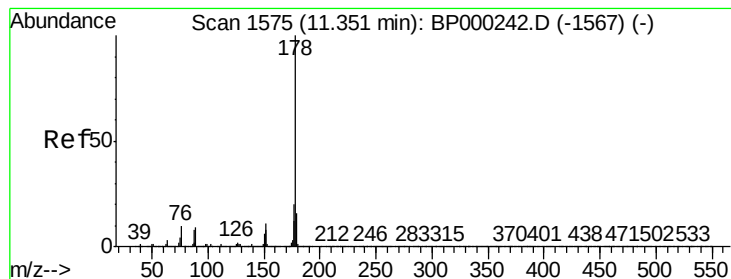


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 44.140 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Instrument :

BNA_P

ClientSampleId :

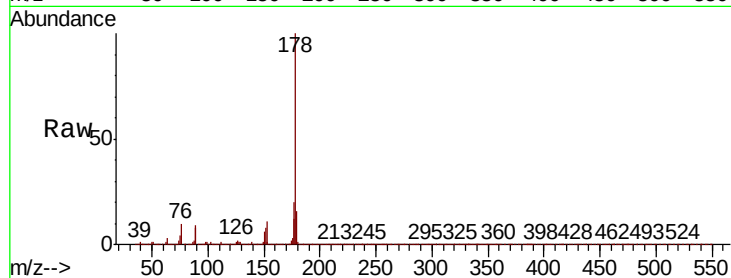
Tot Ion:178 Resp: 2192115

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.9	12.7	19.1

178 100

176 19.8 15.8 23.8

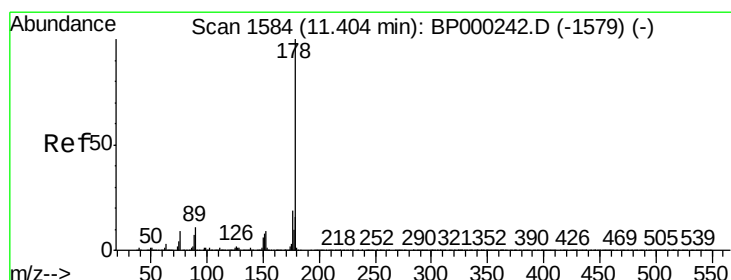
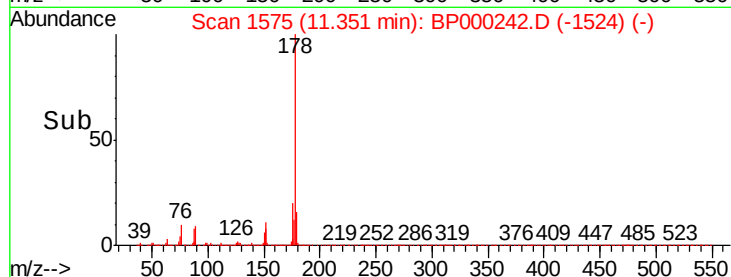
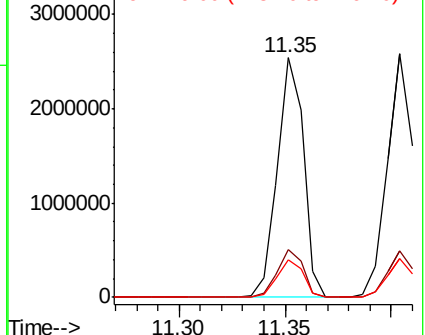
179 15.9 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.546 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

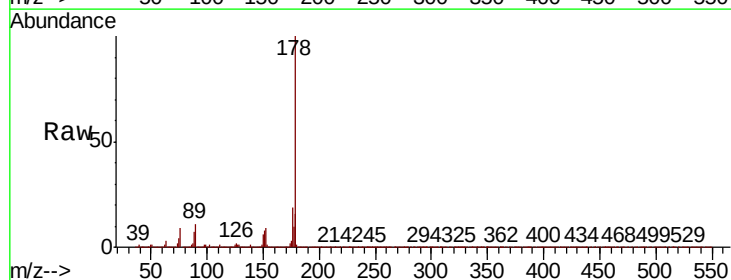
Tgt Ion:178 Resp: 2185374

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.9	12.7	19.1

178 100

176 19.2 15.4 23.0

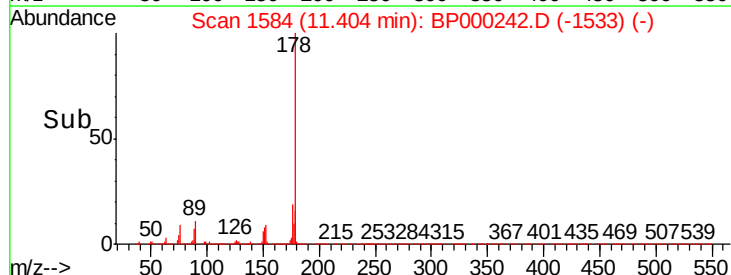
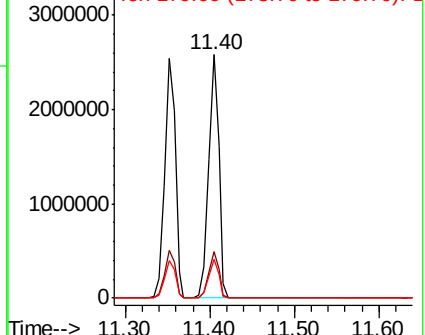
179 15.9 12.7 19.1

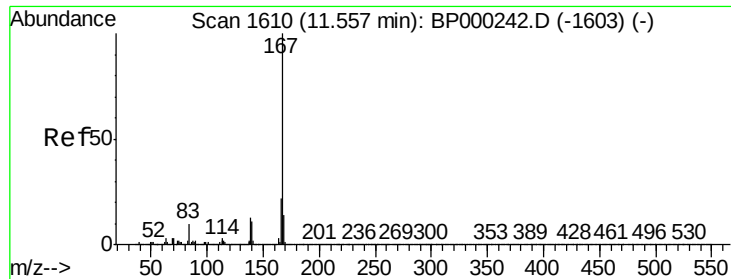


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

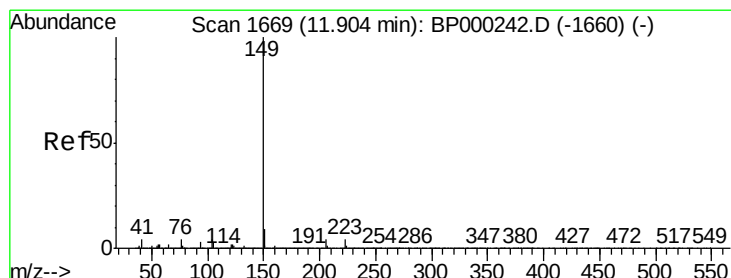
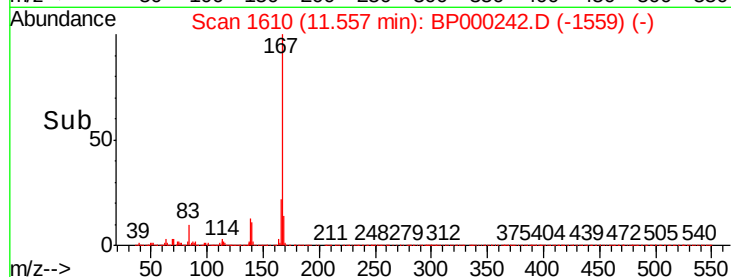
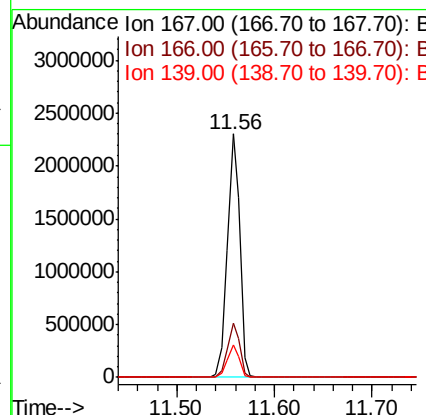
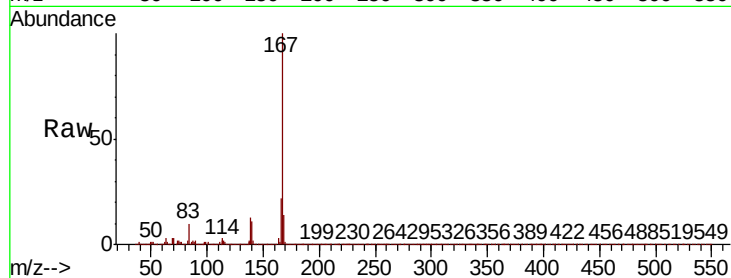




#73
 Carbazole
 Concen: 43.695 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

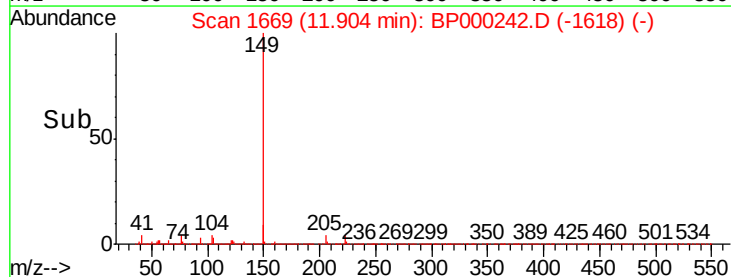
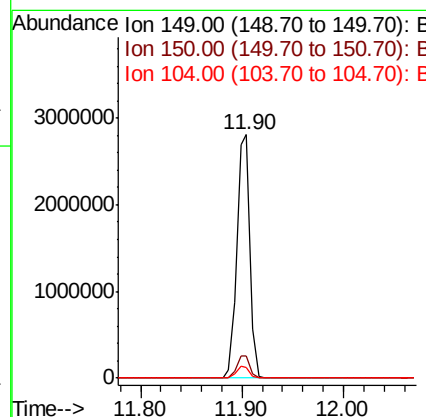
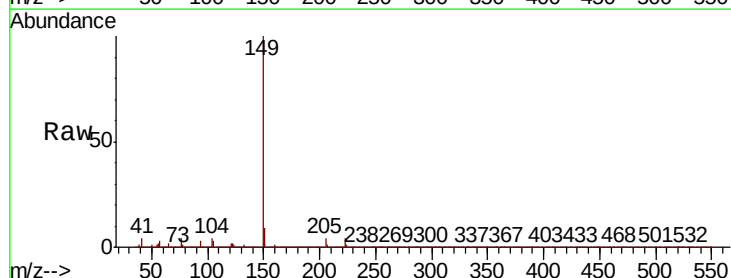
Instrument :
 BNA_P
 ClientSampleId :

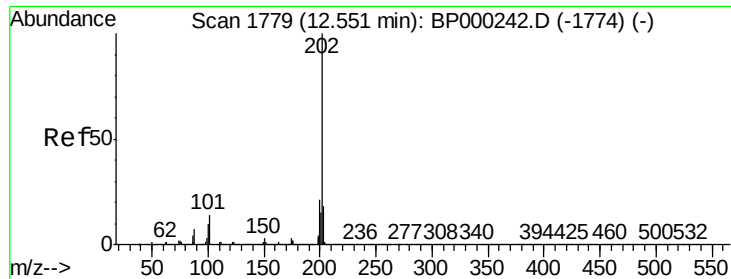
Tot Ion:167 Resp: 2023376
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.8
 139 13.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 44.568 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

Tgt Ion:149 Resp: 2502483
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.4 3.5 5.3

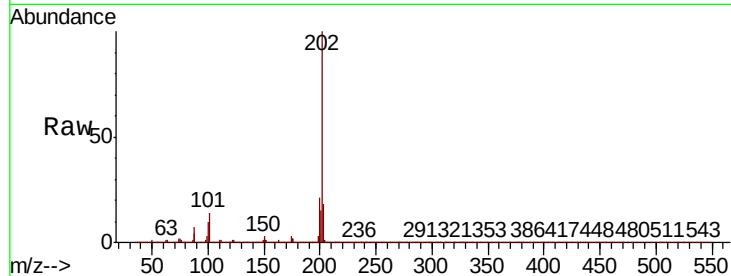




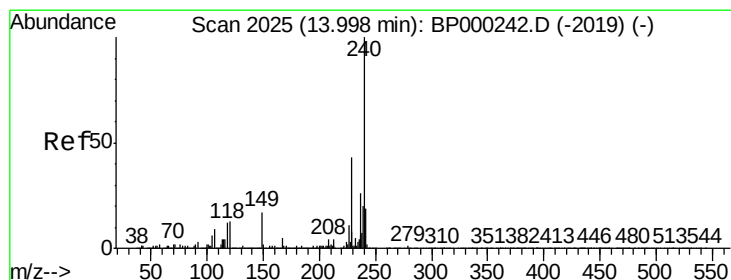
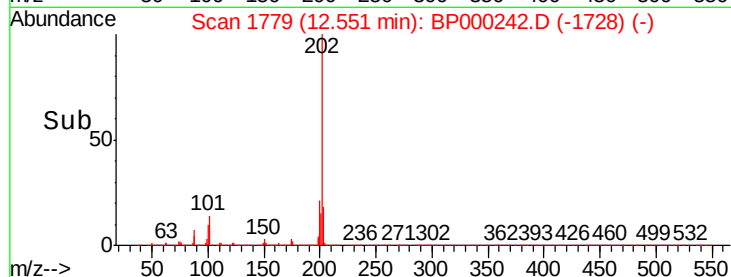
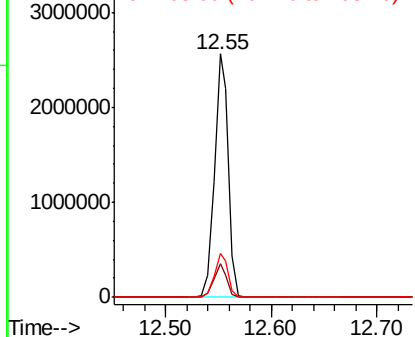
#75
Fluoranthene
Concen: 43.800 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Instrument :
BNA_P
ClientSampleId :

Tot Ion:202 Resp: 2363779
Ion Ratio Lower Upper
202 100
101 13.9 0.0 33.9
203 18.0 0.0 38.0

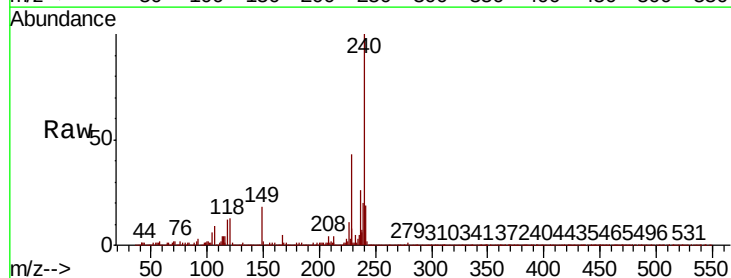


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

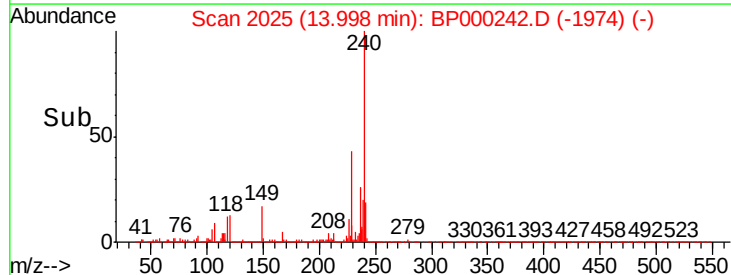
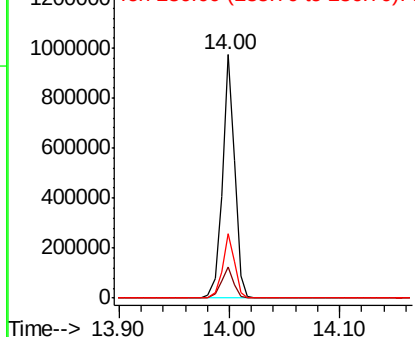


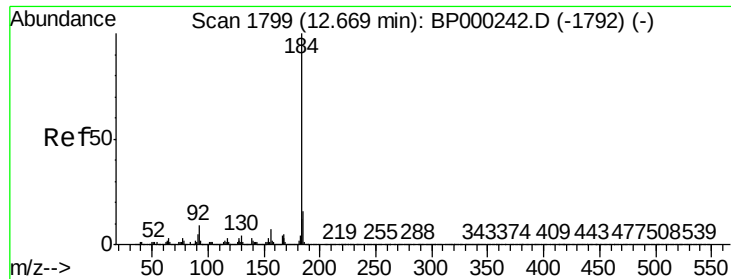
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:240 Resp: 749941
Ion Ratio Lower Upper
240 100
120 13.0 10.4 15.6
236 26.3 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.649 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

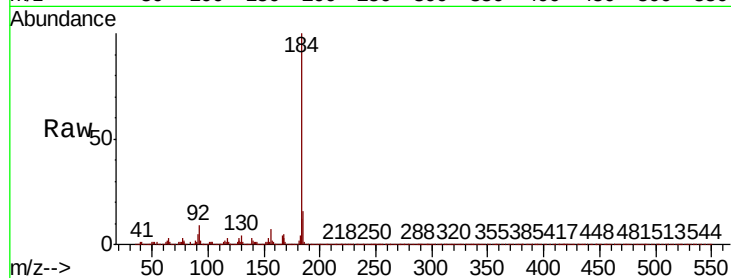
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 1103523

Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.7	19.1
183	11.9	9.5	14.3

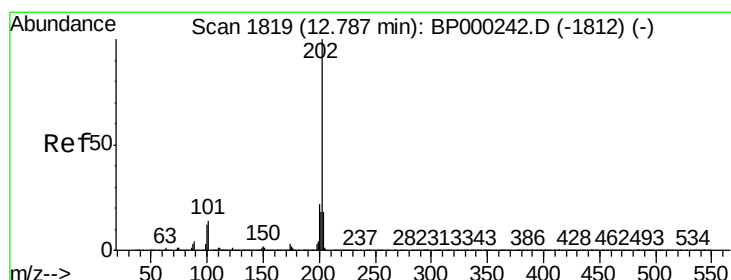
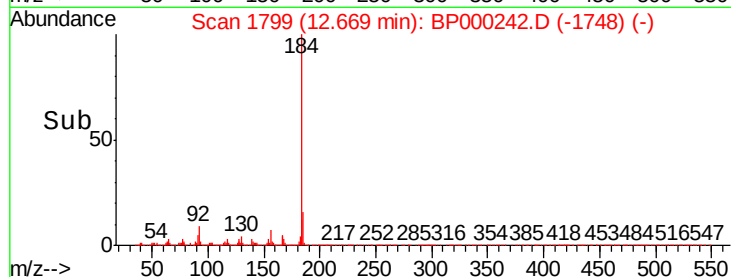
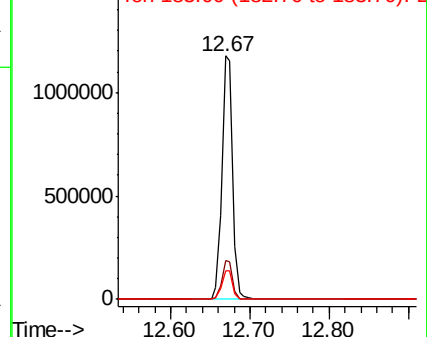


Abundance

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: 43.241 ng

RT: 12.79 min Scan# 1819

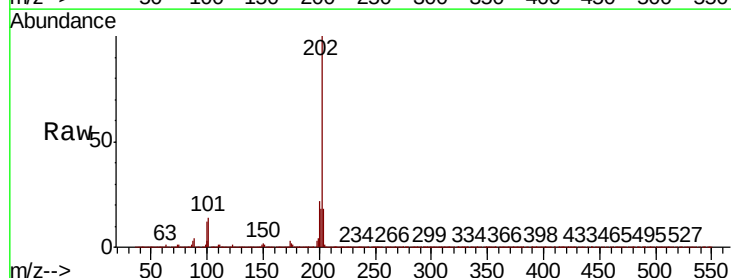
Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Tgt Ion:202 Resp: 2385650

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	17.9	14.3	21.5

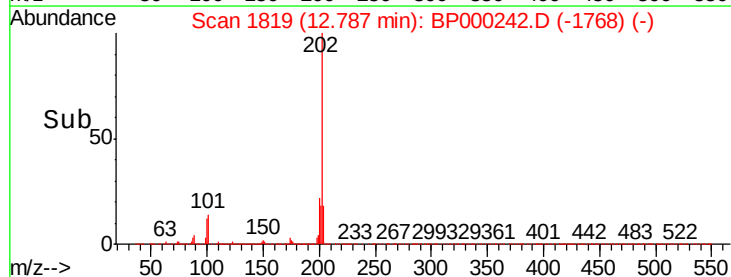
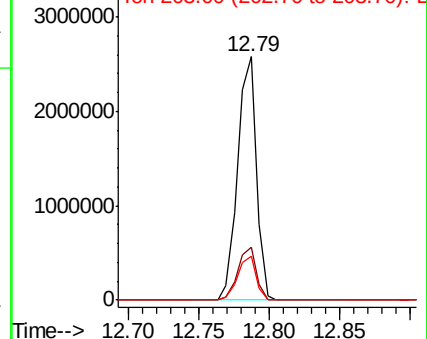


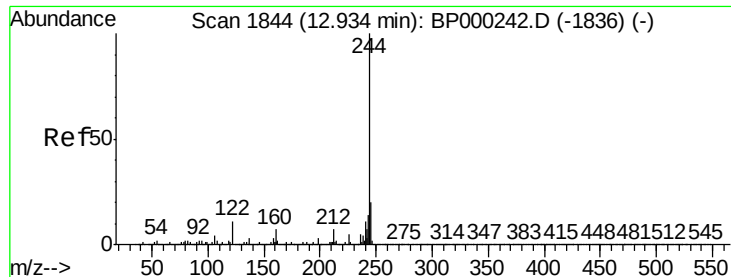
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.755 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

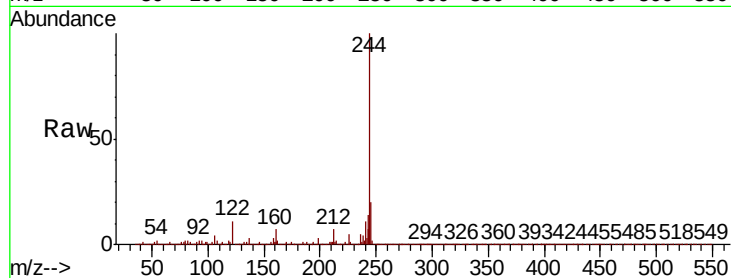
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 3053822

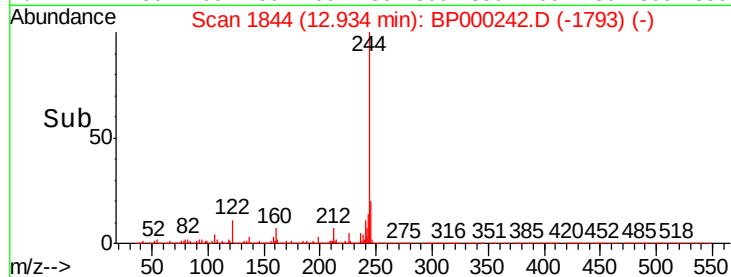
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	11.2	9.0	13.4



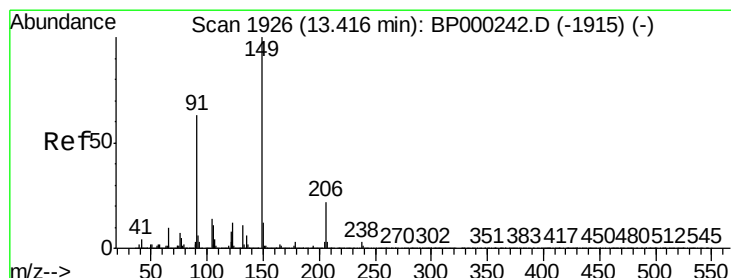
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90 13.00 13.10



#80

Butylbenzylphthalate

Concen: 44.495 ng

RT: 13.42 min Scan# 1926

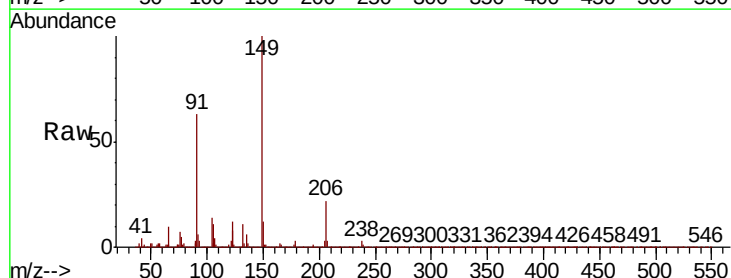
Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Tgt Ion:149 Resp: 1093761

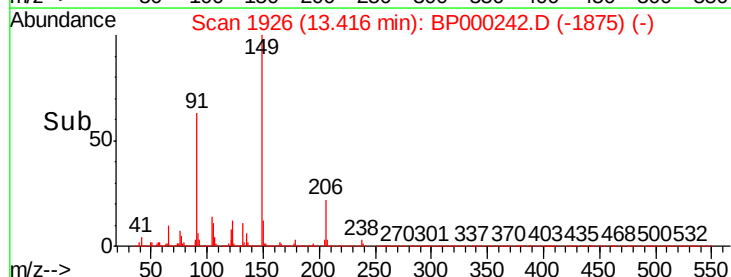
Ion	Ratio	Lower	Upper
149	100		
91	63.3	50.6	76.0
206	22.2	17.8	26.6



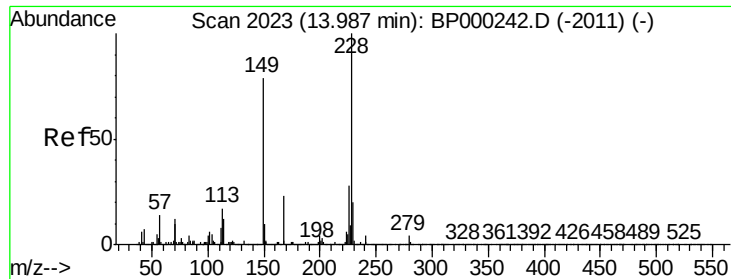
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E



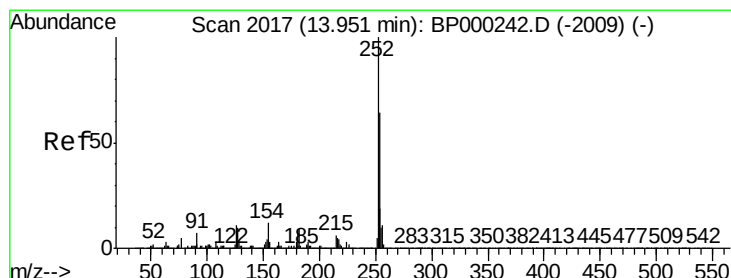
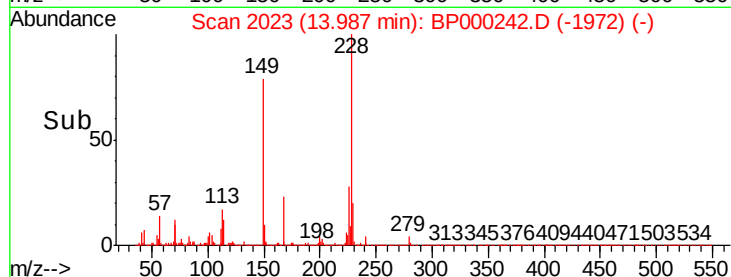
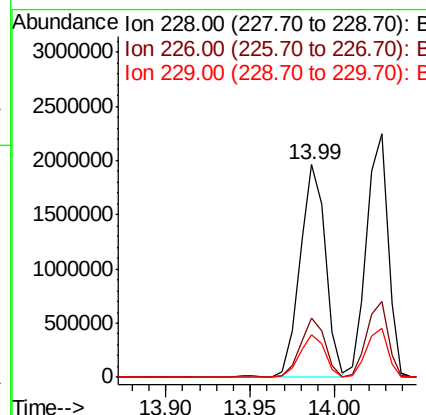
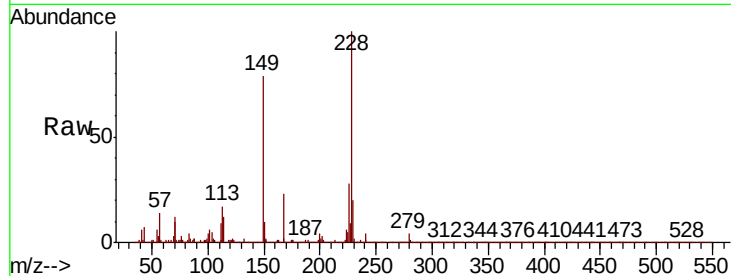
Time--> 13.30 13.35 13.40 13.45



#81
Benzo(a)anthracene
Concen: 42.175 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

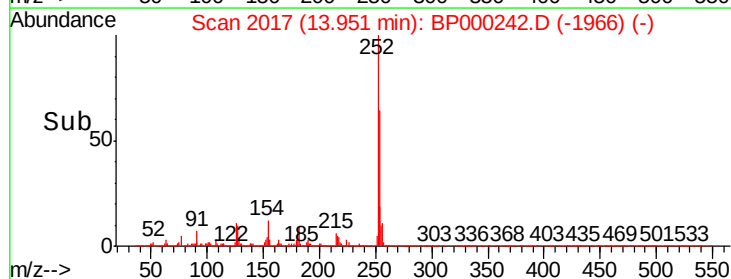
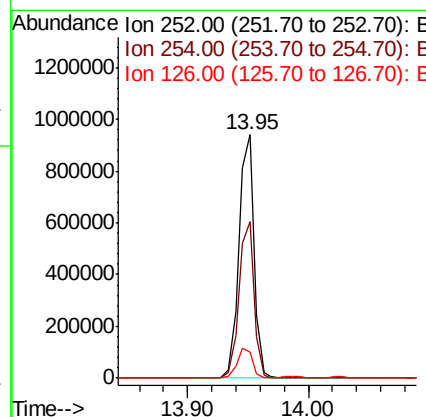
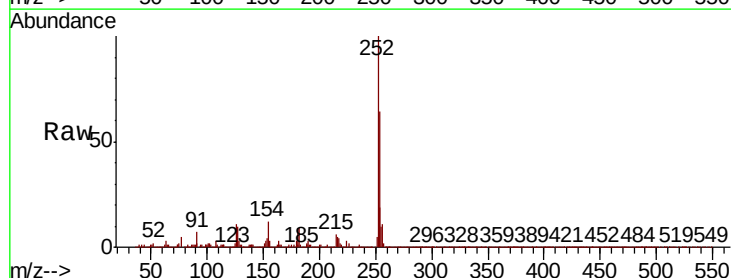
Instrument :
BNA_P
ClientSampleId :

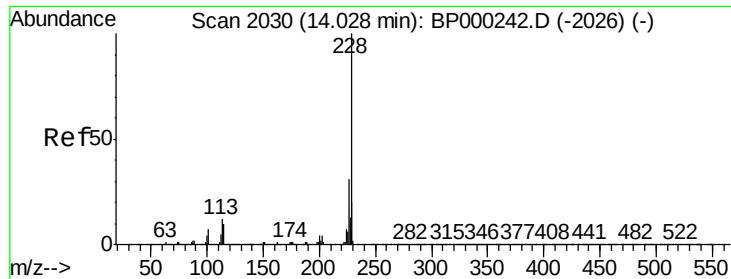
Tot Ion:228 Resp: 2049544
Ion Ratio Lower Upper
228 100
226 27.8 22.2 33.4
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 45.915 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:252 Resp: 823135
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 10.5 8.4 12.6

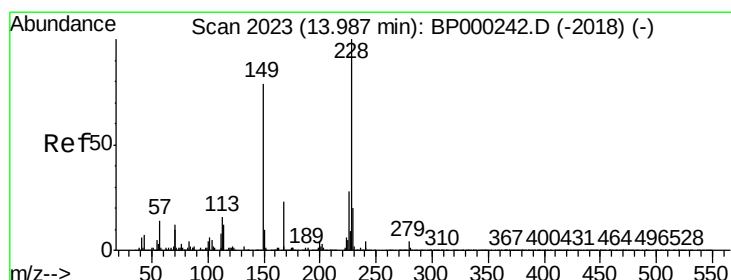
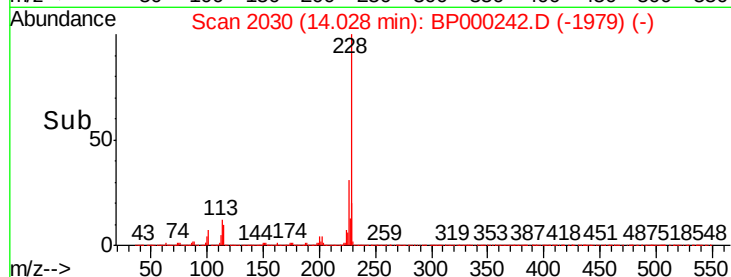
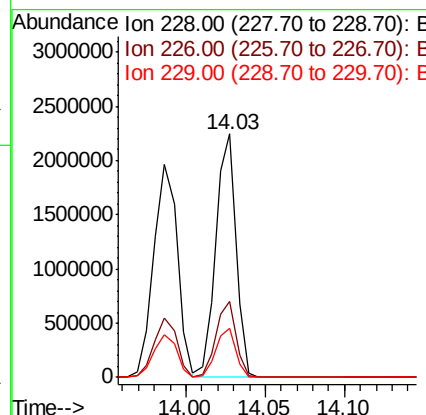
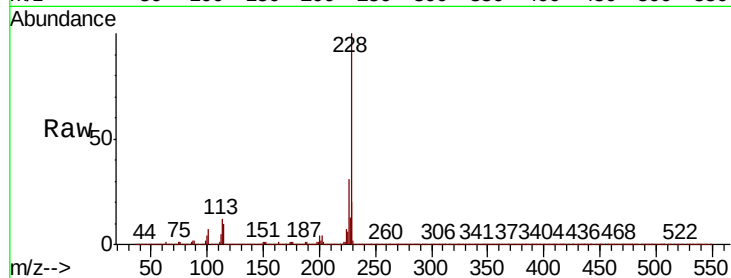




#83
 Chrysene
 Concen: 43.575 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

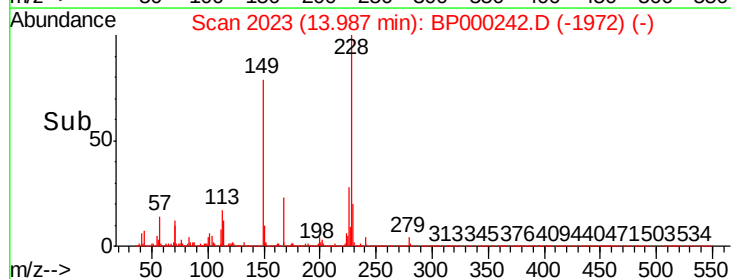
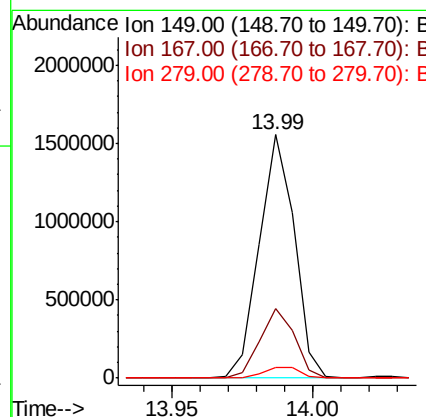
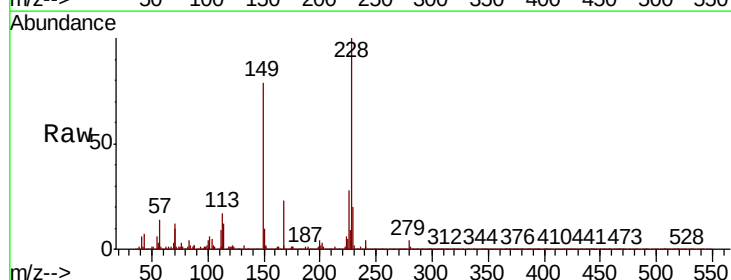
Instrument :
 BNA_P
 ClientSampleId :

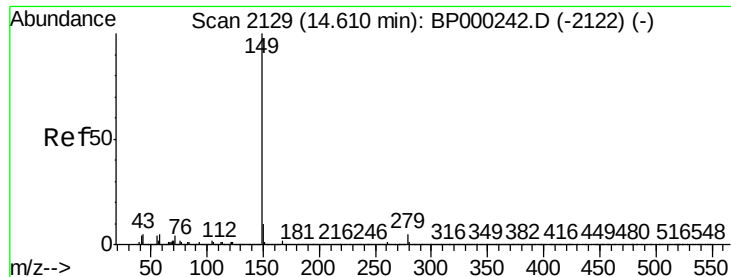
Tot Ion:228 Resp: 2002949
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.2 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.986 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BP000242.D
 Acq: 16 Sep 2019 16:36

Tgt Ion:149 Resp: 1343128
 Ion Ratio Lower Upper
 149 100
 167 28.7 23.0 34.4
 279 4.6 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 44.760 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Instrument :

BNA_P

ClientSampleId :

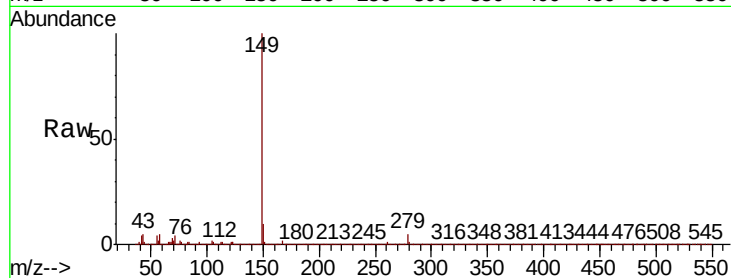
Tot Ion:149 Resp: 2523214

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

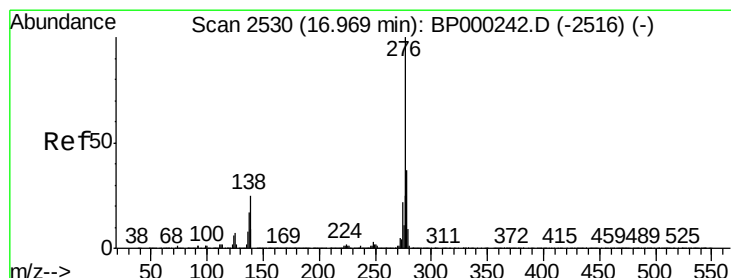
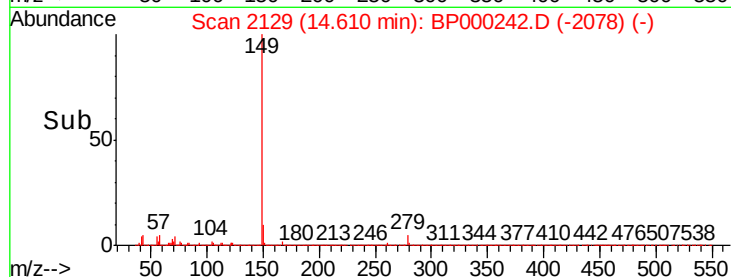
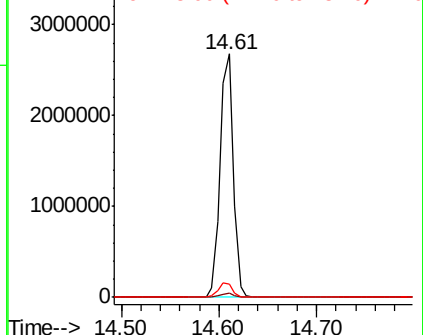
43 6.3 5.0 7.6



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: 40.819 ng

RT: 16.97 min Scan# 2530

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

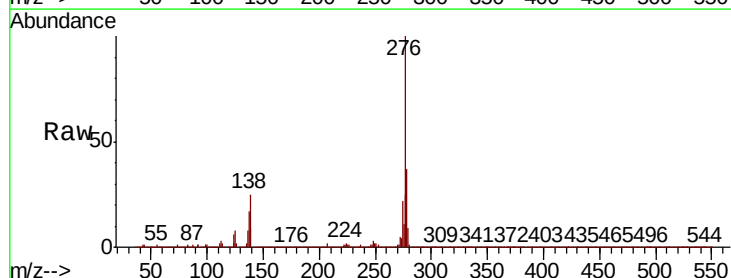
Tgt Ion:276 Resp: 2351092

Ion Ratio Lower Upper

276 100

138 28.2 22.6 33.8

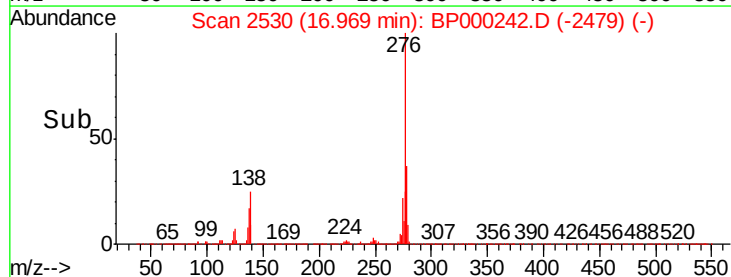
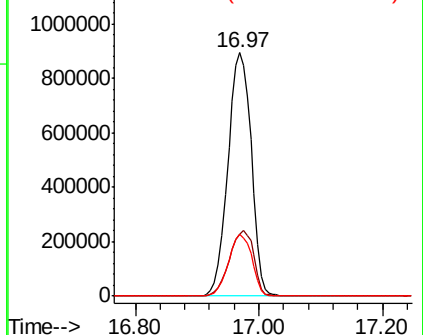
277 25.5 20.4 30.6

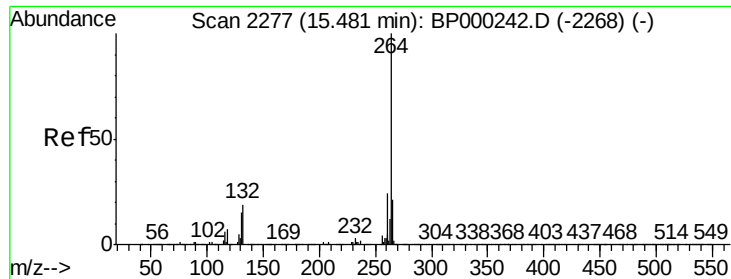


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

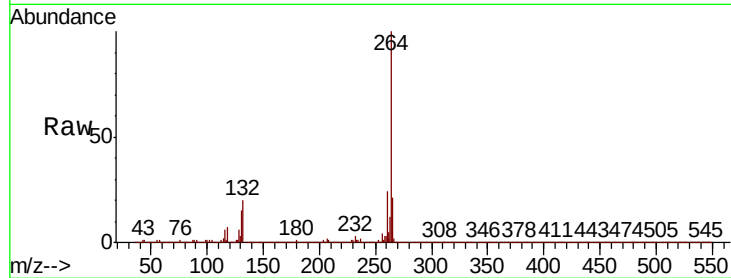
Instrument :

BNA_P

ClientSampled :

Tot Ion:264 Resp: 868597

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.5	17.2	25.8

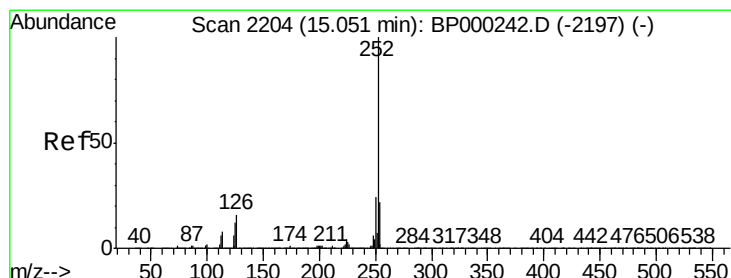
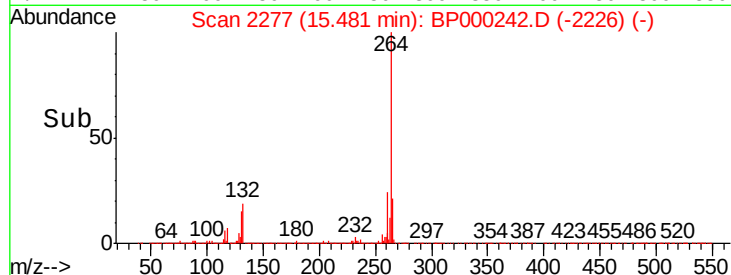
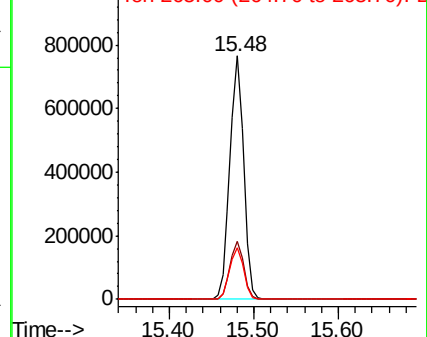


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.320 ng

RT: 15.05 min Scan# 2204

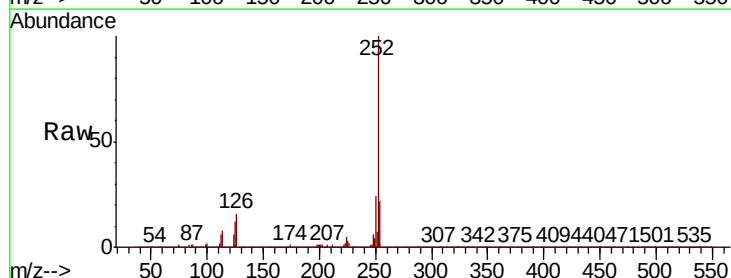
Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Tgt Ion:252 Resp: 2298367

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.9	9.5	14.3

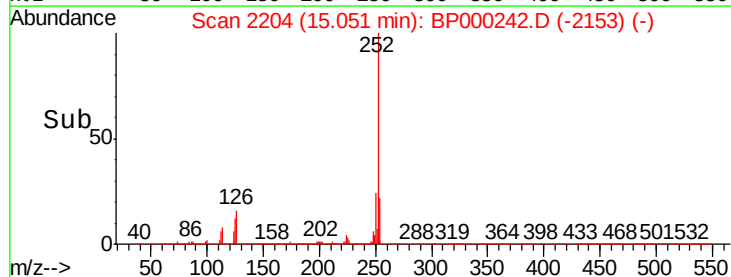
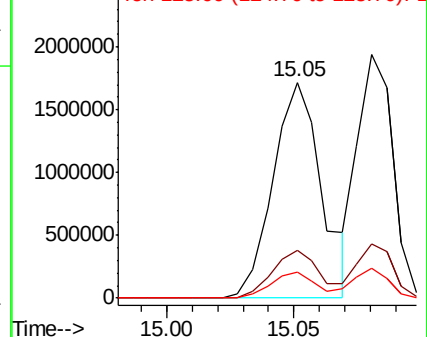


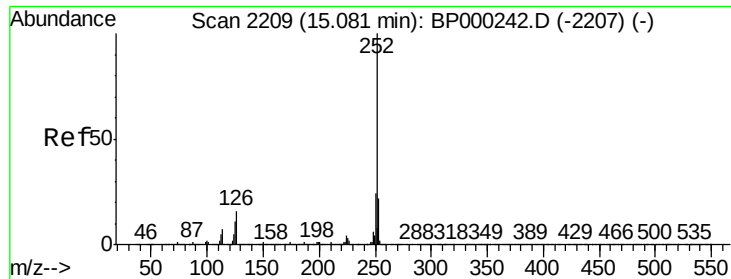
Abundance

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

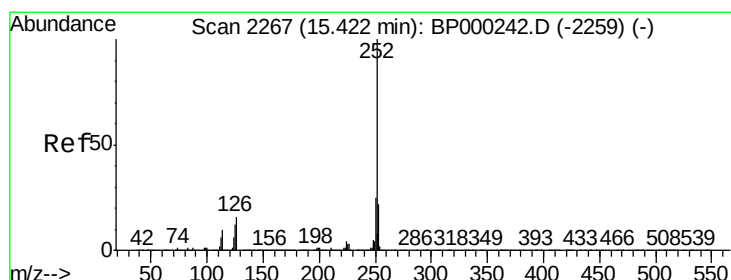
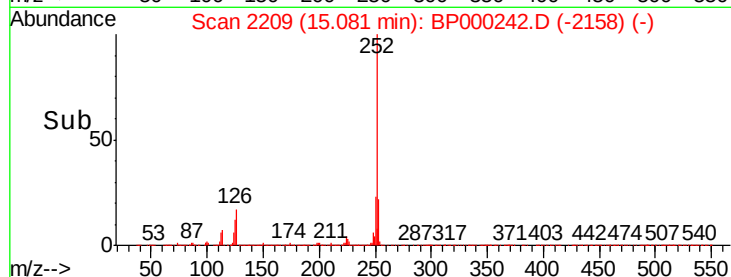
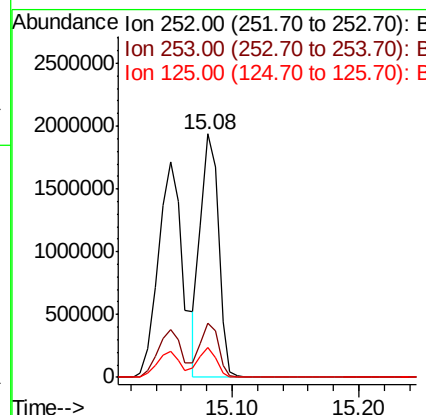
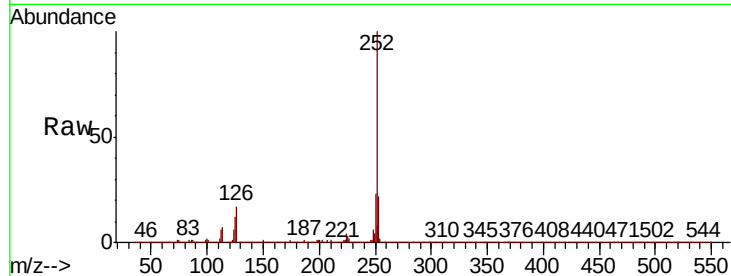




#89
Benzo(k)fluoranthene
Concen: 38.896 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

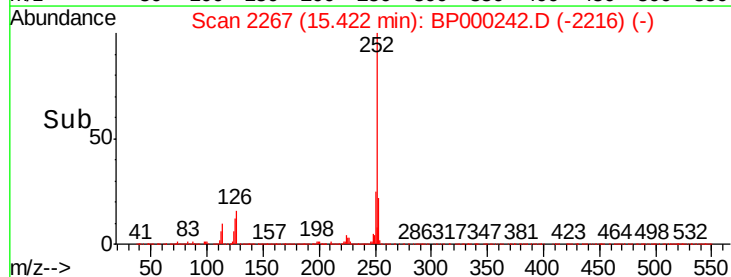
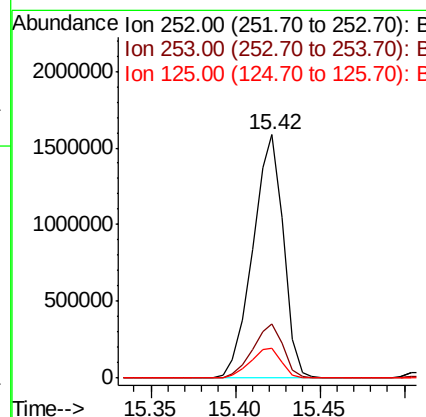
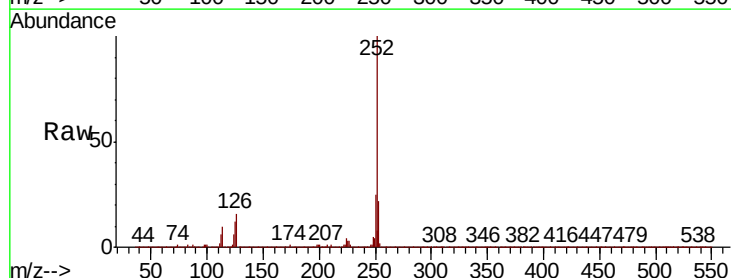
Instrument :
BNA_P
ClientSampled :

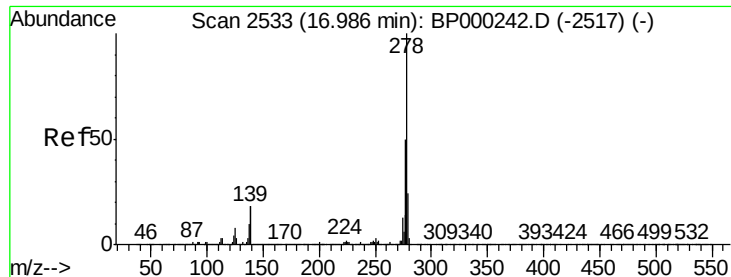
Tot Ion:252 Resp: 1888470
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 12.0 9.6 14.4



#90
Benzo(a)pyrene
Concen: 41.767 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BP000242.D
Acq: 16 Sep 2019 16:36

Tgt Ion:252 Resp: 2000351
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.5 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 39.442 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

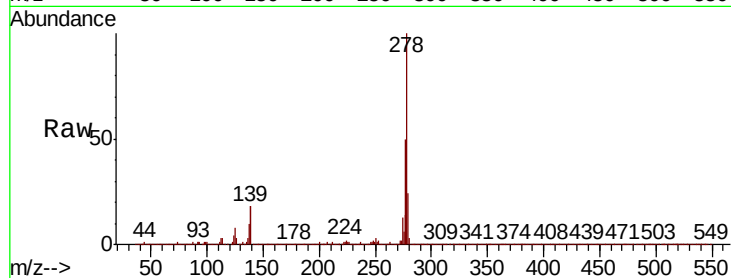
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 1889070

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.5	21.7
279	23.8	19.0	28.6

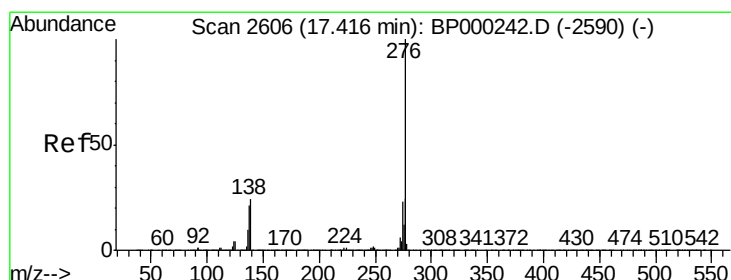
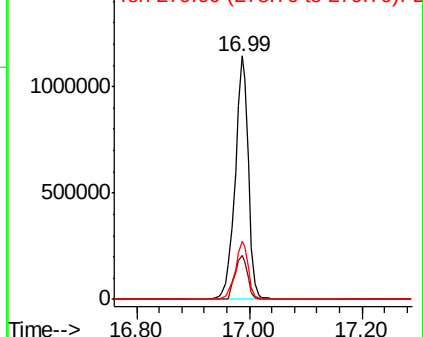
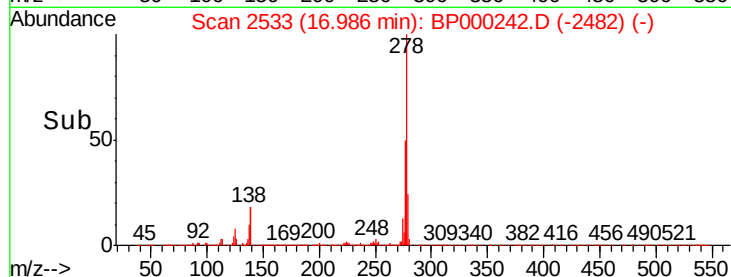


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.165 ng

RT: 17.42 min Scan# 2606

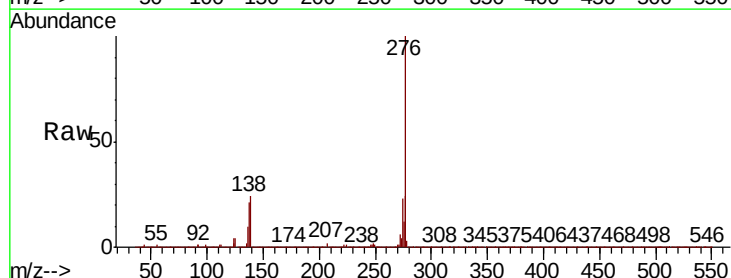
Delta R.T. 0.00 min

Lab File: BP000242.D

Acq: 16 Sep 2019 16:36

Tgt Ion:276 Resp: 1904050

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	24.4	19.5	29.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

