

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000241.D
 Acq On : 16 Sep 2019 16:11
 Operator : HP/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 16 17:24:48 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	356474	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1350824	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	706740	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1244160	20.00	ng	0.00
76) Chrysene-d12	14.00	240	948008	20.00	ng	0.00
87) Perylene-d12	15.49	264	1090623	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	889022	39.77	ng	0.00
7) Phenol-d6	6.42	99	1106409	39.21	ng	0.00
23) Nitrobenzene-d5	7.35	82	903450	41.04	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	295162	49.55	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1857293	43.89	ng	0.00
79) Terphenyl-d14	12.93	244	2092094	48.10	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.51	88	188108	18.294	ng	99
3) Pyridine	3.26	79	500970	18.083	ng	99
4) n-Nitrosodimethylamine	3.19	42	142435	15.922	ng	98
6) Aniline	6.45	93	767203	18.785	ng	98
8) 2-Chlorophenol	6.57	128	480584	20.791	ng	99
9) Benzaldehyde	6.33	77	332348	19.098	ng	99
10) Phenol	6.43	94	637349	20.327	ng	98
11) bis(2-Chloroethyl)ether	6.52	93	466747	18.844	ng	97
12) 1,3-Dichlorobenzene	6.73	146	571646	21.202	ng	100
13) 1,4-Dichlorobenzene	6.80	146	571687	21.294	ng	99
14) 1,2-Dichlorobenzene	6.96	146	535974	21.728	ng	99
15) Benzyl Alcohol	6.93	79	401088	19.385	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	457516	17.177	ng	99
17) 2-Methylphenol	7.04	107	401406	20.220	ng	99
18) Hexachloroethane	7.30	117	208488	20.938	ng	99
19) n-Nitroso-di-n-propylamine	7.20	70	291909	18.175	ng	97
20) 3+4-Methylphenols	7.19	107	509782	20.590	ng	# 89
22) Acetophenone	7.19	105	657635	20.325	ng	96
24) Nitrobenzene	7.36	77	469268	19.676	ng	95
25) Isophorone	7.60	82	877375	18.862	ng	97
26) 2-Nitrophenol	7.69	139	230641	24.833	ng	99
27) 2,4-Dimethylphenol	7.72	122	394311	21.039	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	596233	19.712	ng	99
29) 2,4-Dichlorophenol	7.93	162	418477	21.715	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	483496	22.007	ng	100
31) Naphthalene	8.09	128	1398799	22.570	ng	99
32) Benzoic acid	7.81	122	250769	21.793	ng	96
33) 4-Chloroaniline	8.14	127	617361	21.120	ng	99
34) Hexachlorobutadiene	8.22	225	285060	23.027	ng	99
35) Caprolactam	8.49	113	136882	19.972	ng	99
36) 4-Chloro-3-methylphenol	8.62	107	422853	20.110	ng	97
37) 2-Methylnaphthalene	8.79	142	935825	21.607	ng	99
38) 1-Methylnaphthalene	8.89	142	862077	21.124	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	438401	21.915	ng	99

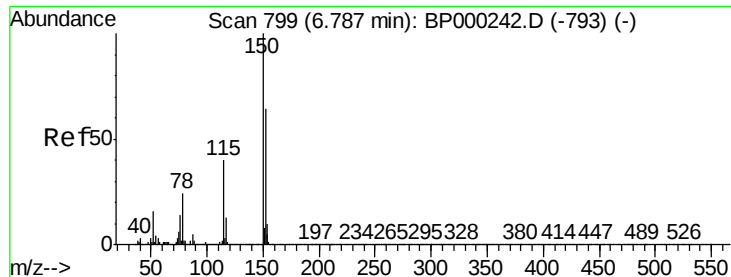
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000241.D
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 QLast Update : Mon Sep 16 17:15:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	239504	21.744	ng	100
43) 2,4,6-Trichlorophenol	9.06	196	293830	21.299	ng	99
44) 2,4,5-Trichlorophenol	9.10	196	301071	20.859	ng	100
46) 1,1'-Biphenyl	9.25	154	1101293	22.073	ng	100
47) 2-Chloronaphthalene	9.27	162	903245	21.809	ng	99
48) 2-Nitroaniline	9.37	65	221403	19.791	ng	99
49) Acenaphthylene	9.69	152	1396445	22.723	ng	99
50) Dimethylphthalate	9.55	163	1024462	21.272	ng	99
51) 2,6-Dinitrotoluene	9.61	165	217486	21.275	ng	99
52) Acenaphthene	9.87	154	858893	22.273	ng	100
53) 3-Nitroaniline	9.77	138	254258	20.820	ng	91
54) 2,4-Dinitrophenol	9.89	184	83298	25.806	ng	99
55) Dibenzofuran	10.04	168	1230881	22.479	ng	99
56) 4-Nitrophenol	9.93	139	186808	21.401	ng	98
57) 2,4-Dinitrotoluene	10.02	165	283028	21.687	ng	# 86
58) Fluorene	10.39	166	938756	22.779	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	257832	23.592	ng	100
60) Diethylphthalate	10.26	149	1012328	21.000	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	485089	22.646	ng	98
62) 4-Nitroaniline	10.39	138	252691	21.693	ng	98
63) Azobenzene	10.54	77	883959	19.149	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	110107	24.928	ng	96
66) n-Nitrosodiphenylamine	10.49	169	839056	22.700	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	301648	23.857	ng	99
68) Hexachlorobenzene	10.95	284	329783	23.937	ng	99
69) Atrazine	11.03	200	252021	23.434	ng	97
70) Pentachlorophenol	11.13	266	181215	24.275	ng	99
71) Phenanthrene	11.35	178	1423012	22.948	ng	100
72) Anthracene	11.40	178	1408773	22.998	ng	99
73) Carbazole	11.56	167	1319076	22.813	ng	99
74) Di-n-butylphthalate	11.90	149	1617885	23.076	ng	100
75) Fluoranthene	12.56	202	1502033	22.290	ng	97
77) Benzidine	12.67	184	758056	23.176	ng	98
78) Pyrene	12.79	202	1545081	22.154	ng	100
80) Butylbenzylphthalate	13.42	149	683097	21.983	ng	94
81) Benzo(a)anthracene	13.99	228	1301375	21.184	ng	99
82) 3,3'-Dichlorobenzidine	13.95	252	515569	22.750	ng	100
83) Chrysene	14.03	228	1280566	22.039	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	861076	21.293	ng	99
85) Di-n-octyl phthalate	14.61	149	1514954	21.259	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1343915	18.458	ng	99
88) Benzo(b)fluoranthene	15.05	252	1326760	19.916	ng	99
89) Benzo(k)fluoranthene	15.08	252	1177555	19.316	ng	99
90) Benzo(a)pyrene	15.42	252	1238164	20.590	ng	100
91) Dibenzo(a,h)anthracene	16.99	278	1091504	18.150	ng	99
92) Benzo(g,h,i)perylene	17.42	276	1054360	17.714	ng	98

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

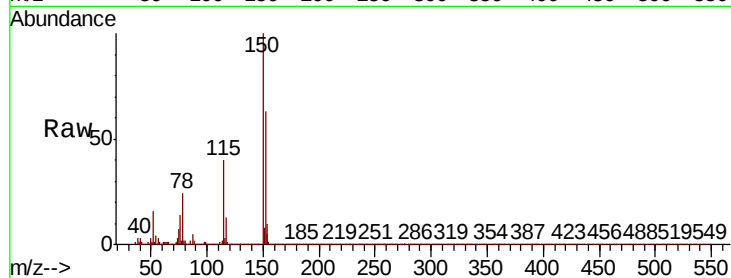


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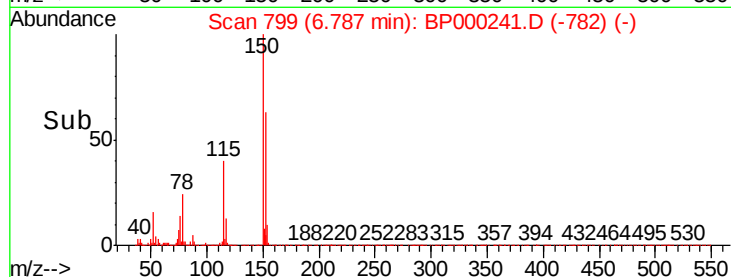
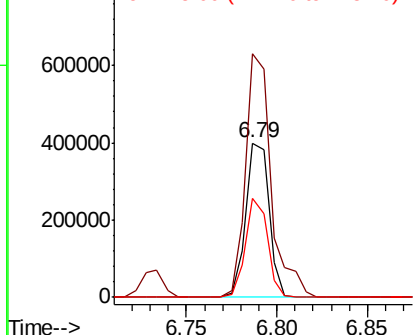
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.2	187.8
115	63.8	49.7	74.5



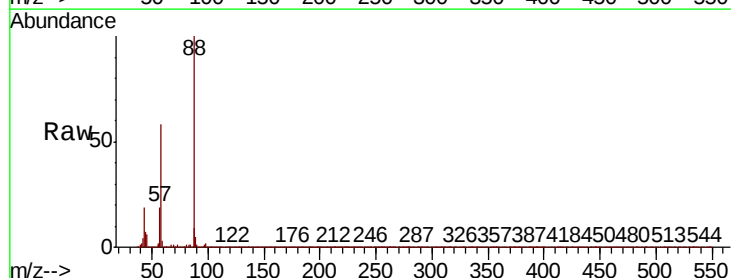
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



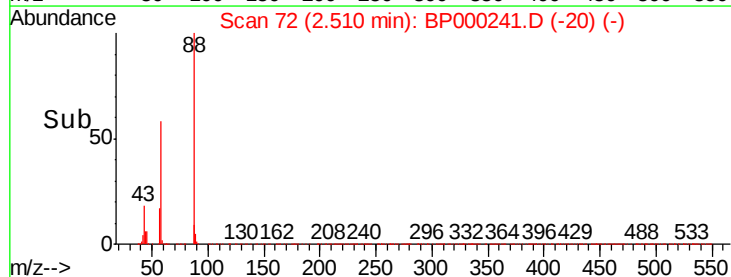
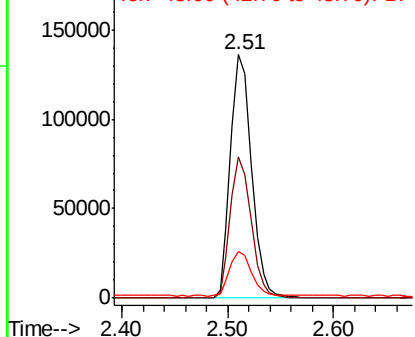
#2

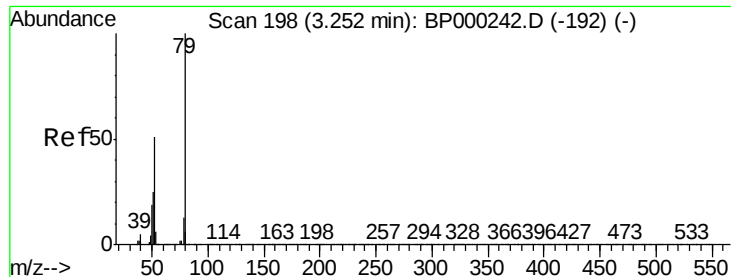
1,4-Dioxane
Concen: 18.294 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.01 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.5	45.4	68.2
43	19.3	15.0	22.6



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





#3

Pvridine

Concen: 18.083 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

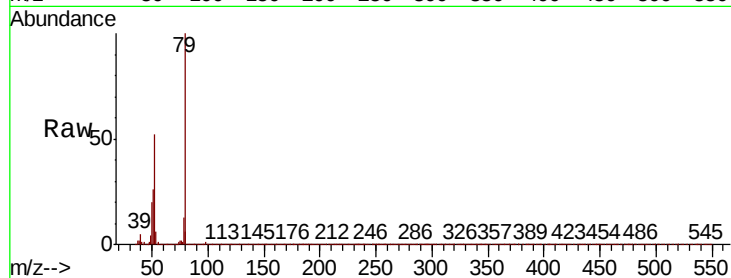
Tot Ion: 79 Resp: 500970

Ion Ratio Lower Upper

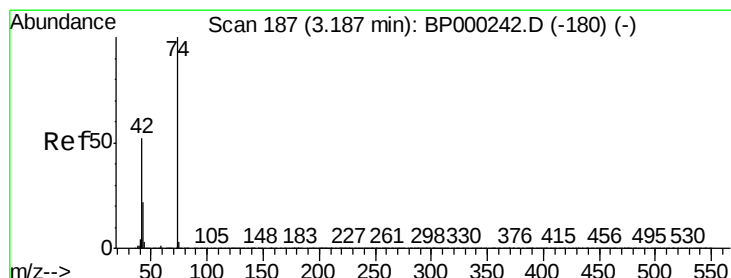
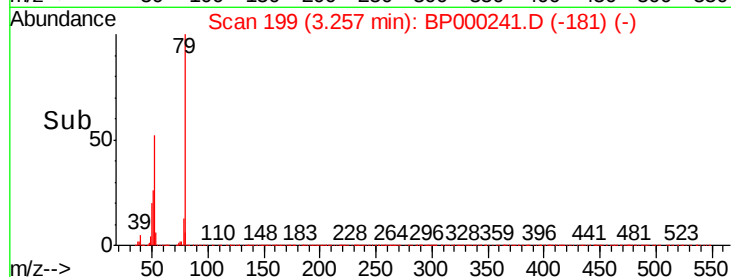
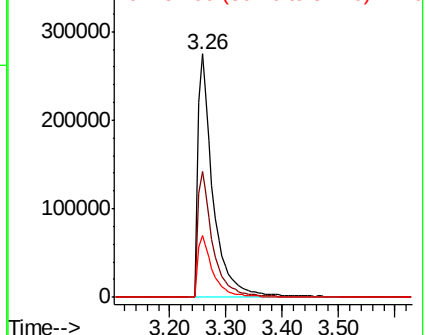
79 100

52 51.7 40.9 61.3

51 25.6 20.2 30.2



Abundance Ion 79.00 (78.70 to 79.70): BP0
Ion 52.00 (51.70 to 52.70): BP0
Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 15.922 ng

RT: 3.19 min Scan# 187

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

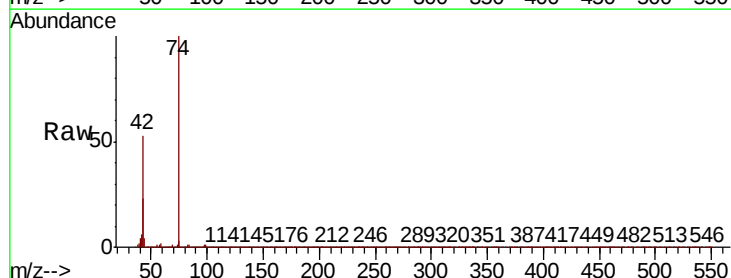
Tgt Ion: 42 Resp: 142435

Ion Ratio Lower Upper

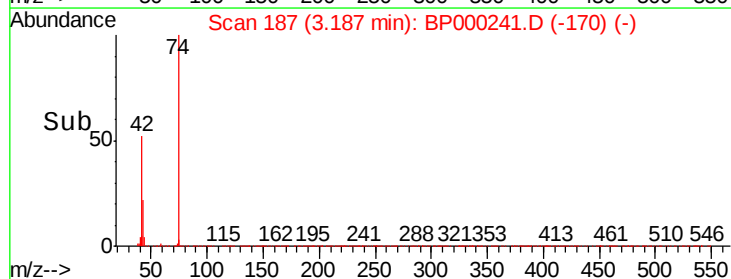
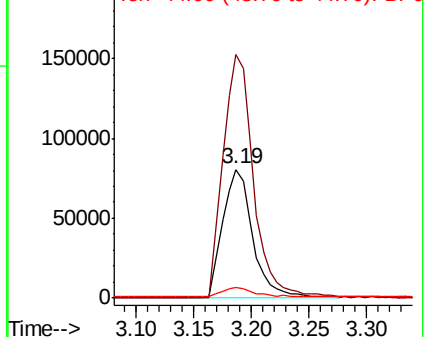
42 100

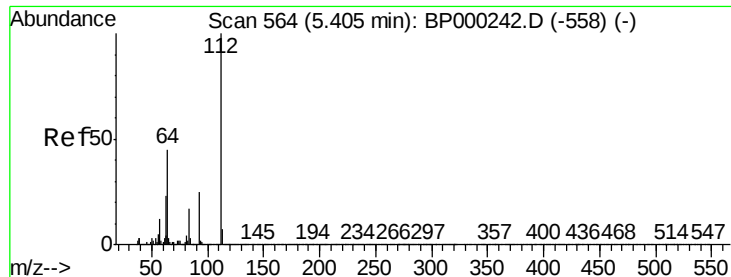
74 189.6 154.5 231.7

44 8.3 5.9 8.9



Abundance Ion 42.00 (41.70 to 42.70): BP0
Ion 74.00 (73.70 to 74.70): BP0
Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 39.769 ng

RT: 5.40 min Scan# 564

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampled :

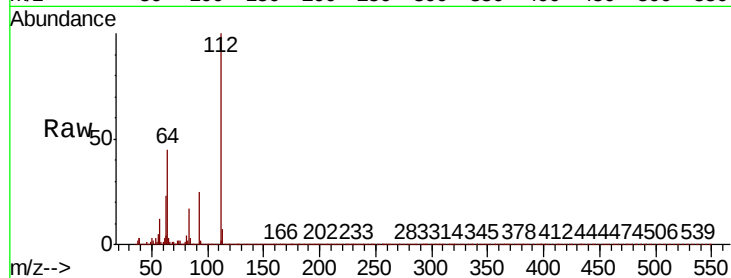
Tot Ion: 112 Resp: 889022

Ion Ratio Lower Upper

112 100

64 44.8 36.2 54.4

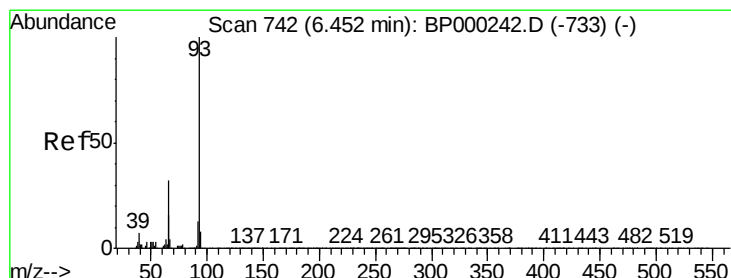
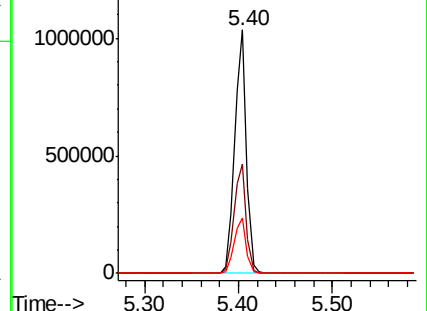
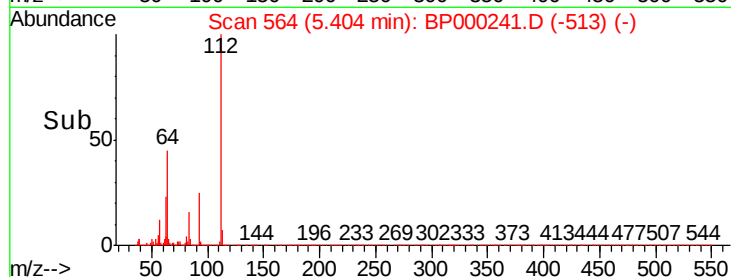
63 22.7 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 18.785 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

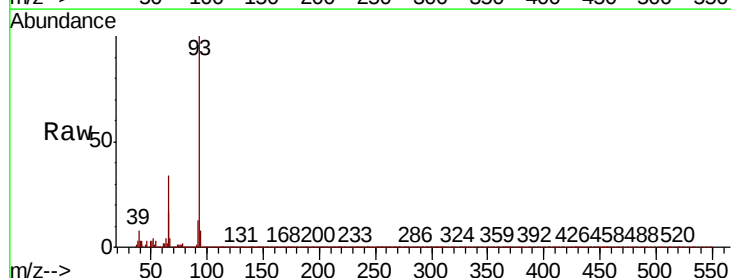
Tgt Ion: 93 Resp: 767203

Ion Ratio Lower Upper

93 100

66 33.9 26.2 39.2

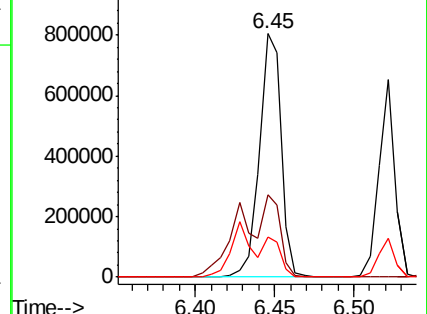
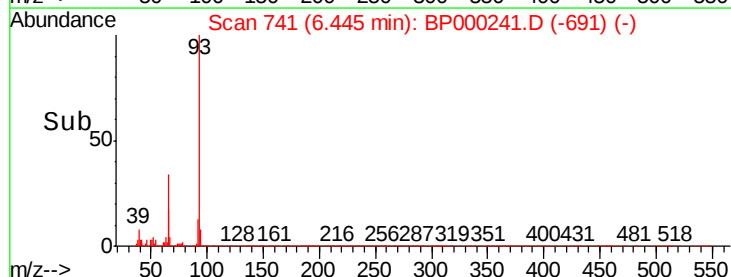
65 16.6 12.7 19.1

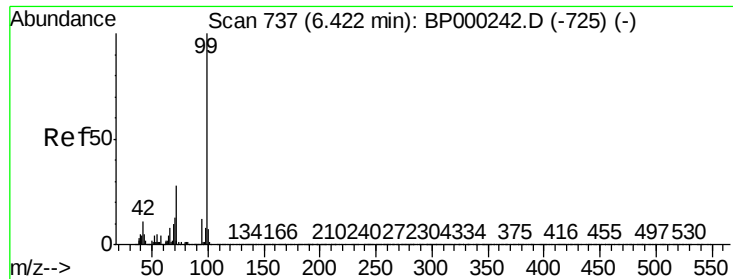


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 39.205 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

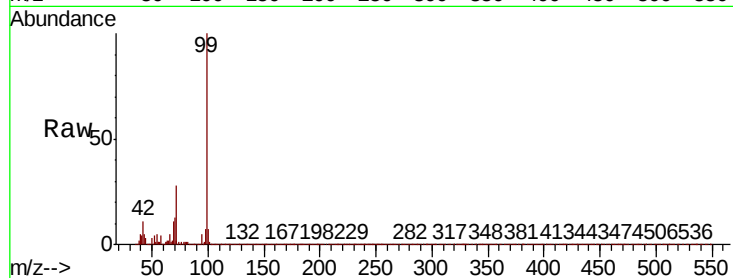
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1106409

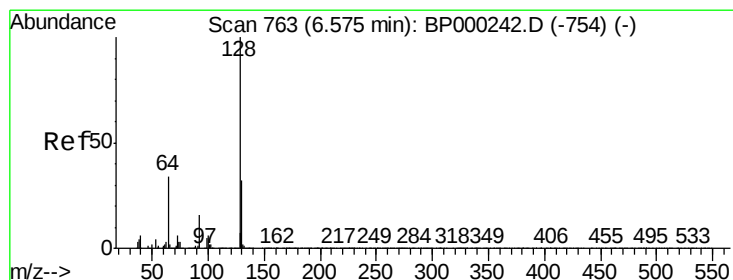
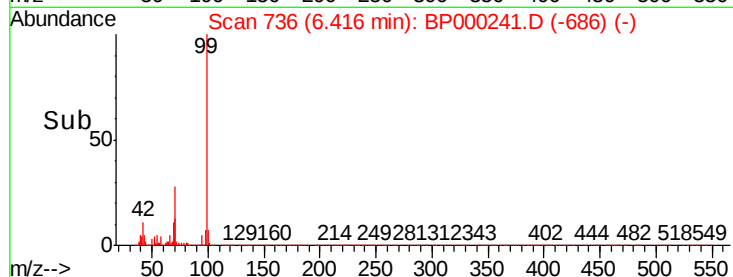
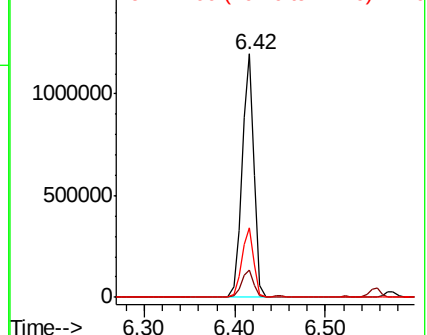
Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.5	12.7
71	28.4	22.6	34.0



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: 20.791 ng

RT: 6.57 min Scan# 763

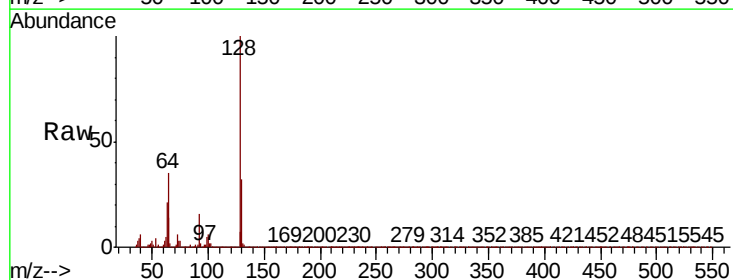
Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Tgt Ion: 128 Resp: 480584

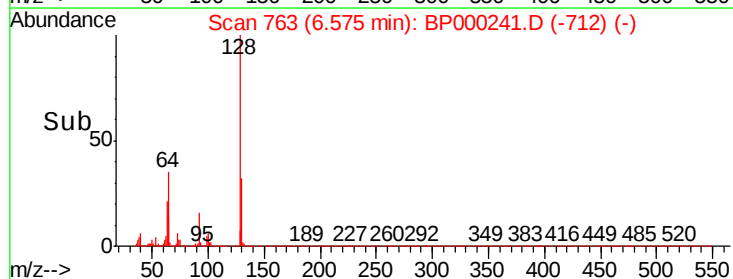
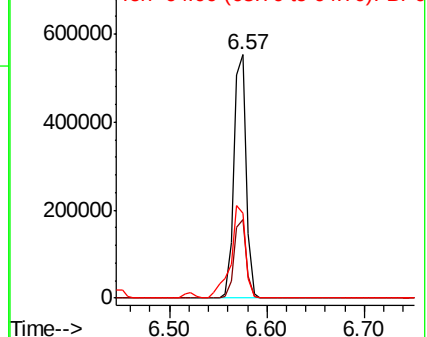
Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.5	52.5
64	35.1	16.0	56.0

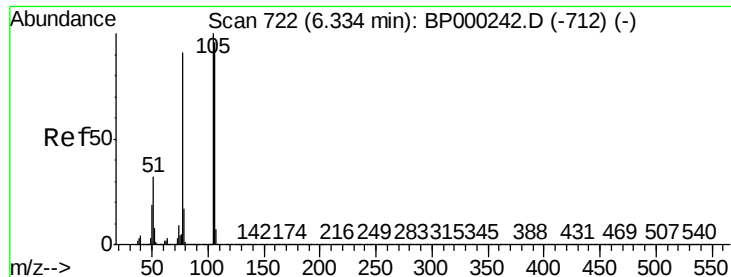


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 19.098 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

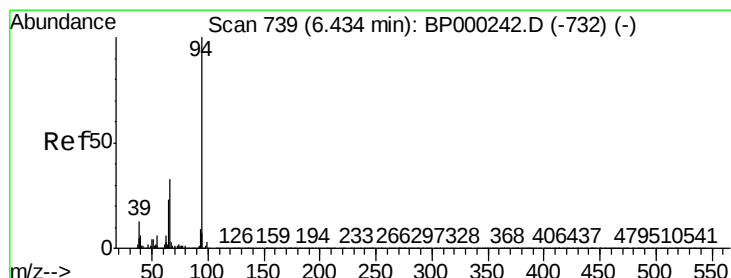
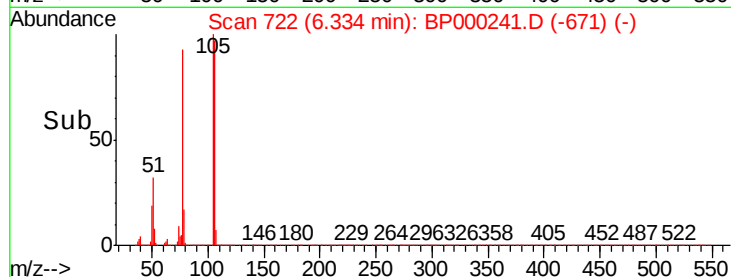
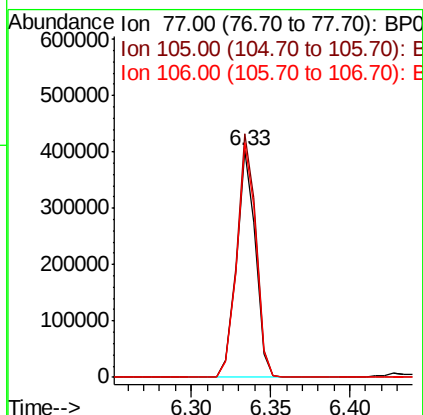
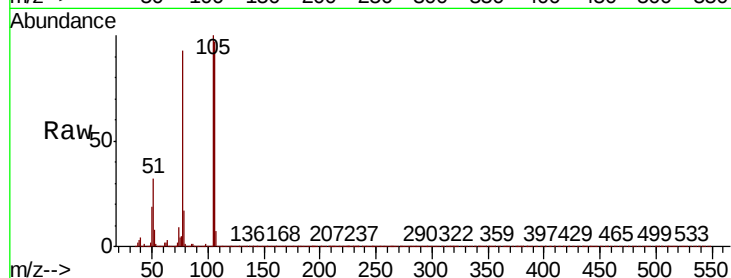
Tot Ion: 77 Resp: 332348

Ion Ratio Lower Upper

77 100

105 107.5 89.6 129.6

106 103.9 84.6 124.6



#10

Phenol

Concen: 20.327 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

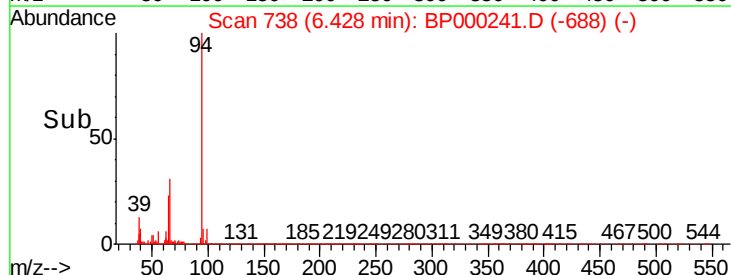
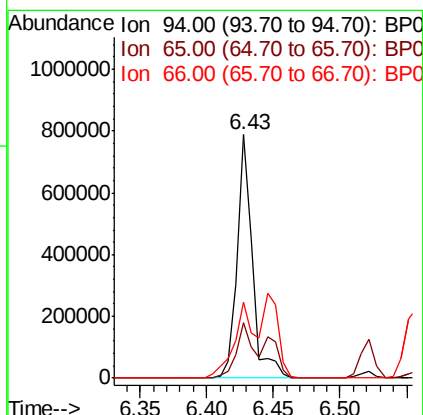
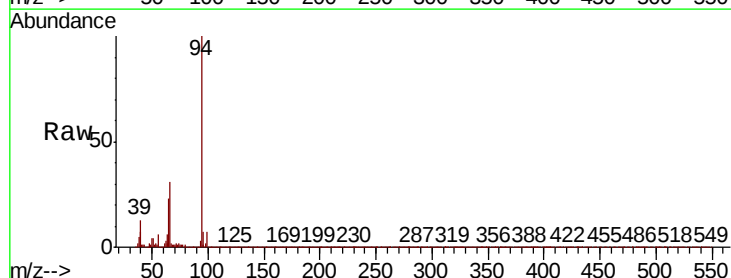
Tgt Ion: 94 Resp: 637349

Ion Ratio Lower Upper

94 100

65 23.0 3.3 43.3

66 31.1 12.7 52.7

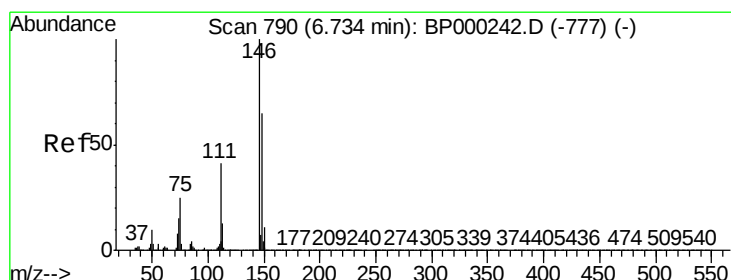
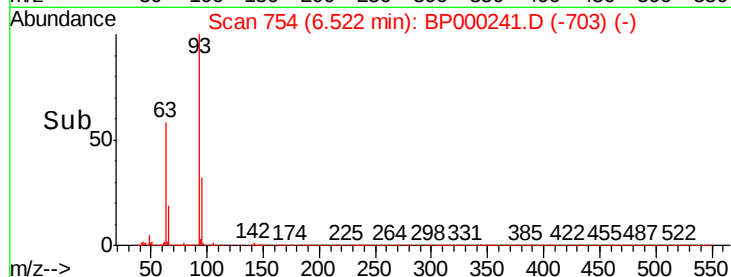
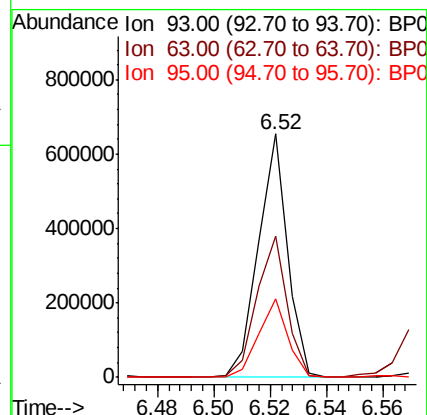
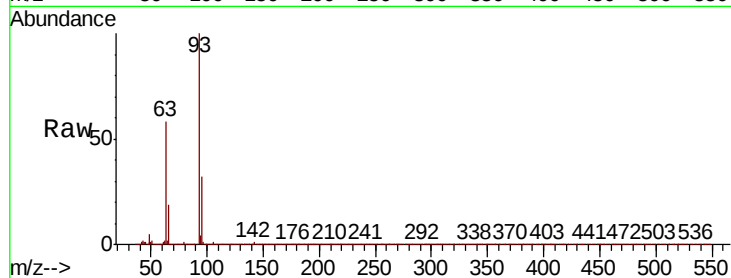




#11
bis(2-Chloroethyl)ether
Concen: 18.844 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

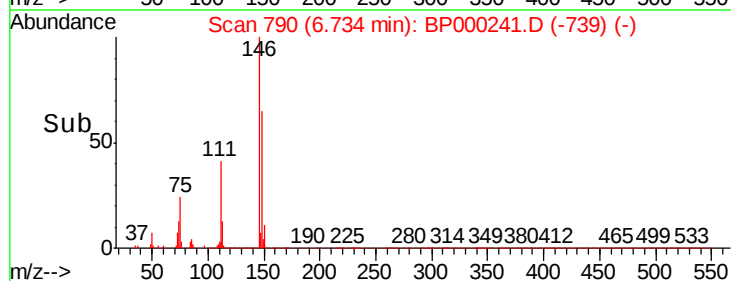
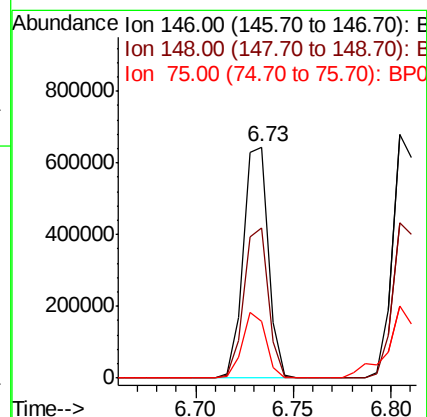
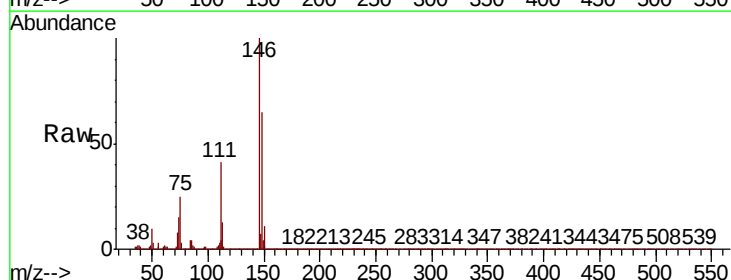
Instrument :
BNA_P
ClientSampleId :

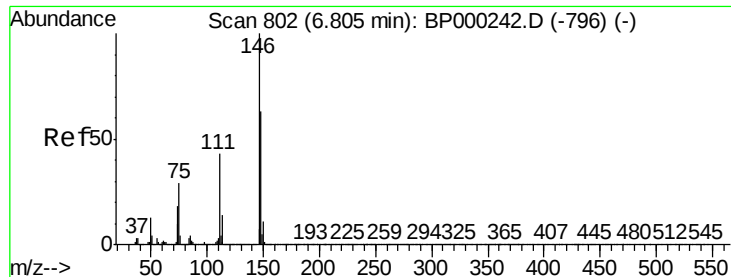
Tot Ion	Ratio	Lower	Upper
93	100		
63	58.2	41.0	81.0
95	32.4	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 21.202 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.1	78.1
75	24.6	20.2	30.4

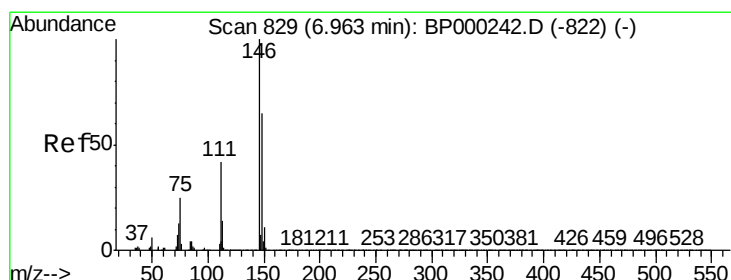
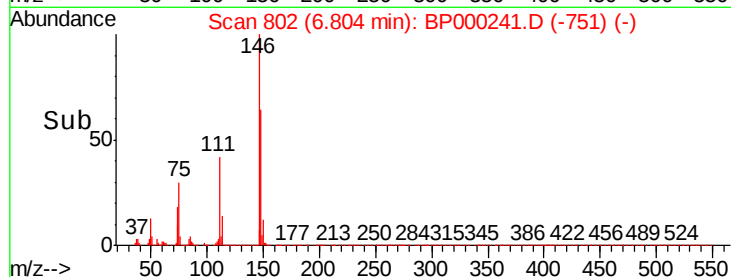
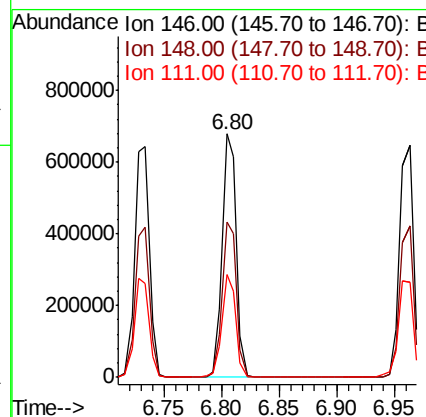
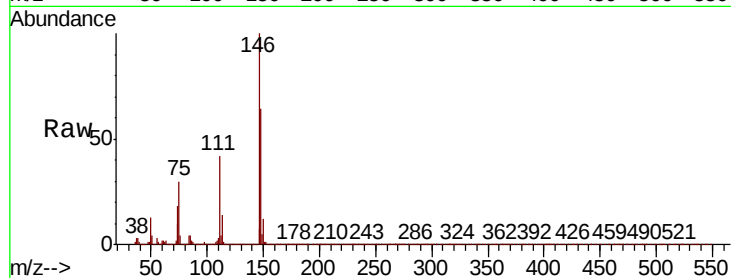




#13
1,4-Dichlorobenzene
Concen: 21.294 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

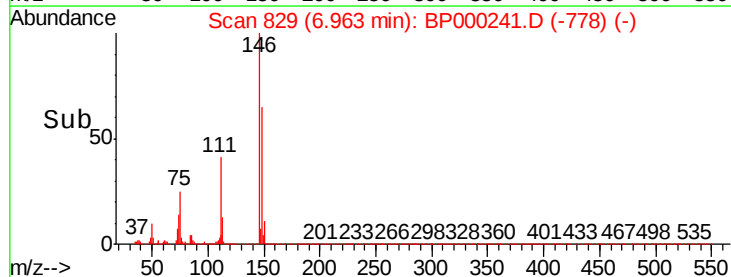
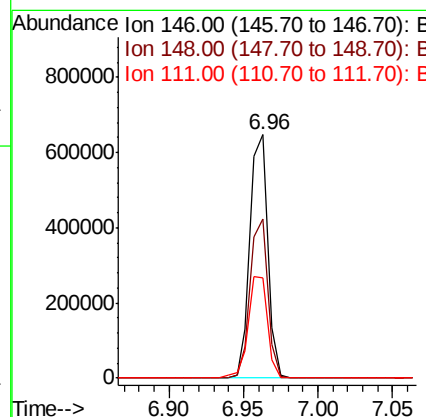
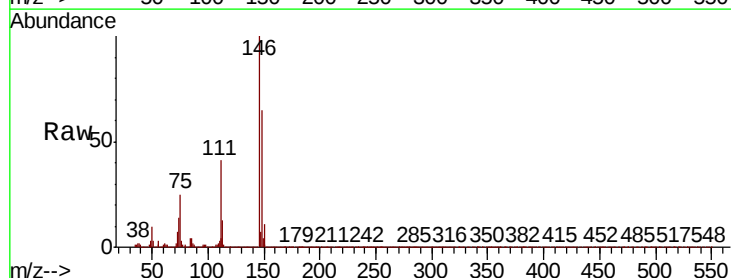
Instrument :
BNA_P
ClientSampled :

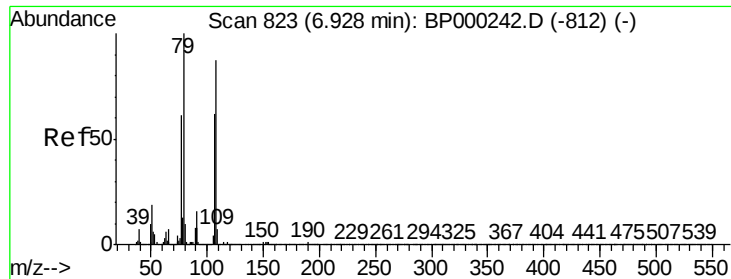
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.7	76.1
111	42.2	34.1	51.1



#14
1,2-Dichlorobenzene
Concen: 21.728 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.7	77.5
111	41.2	33.4	50.2





#15

Benzyl Alcohol

Concen: 19.385 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

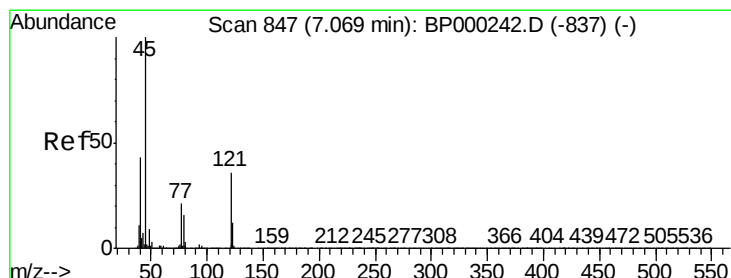
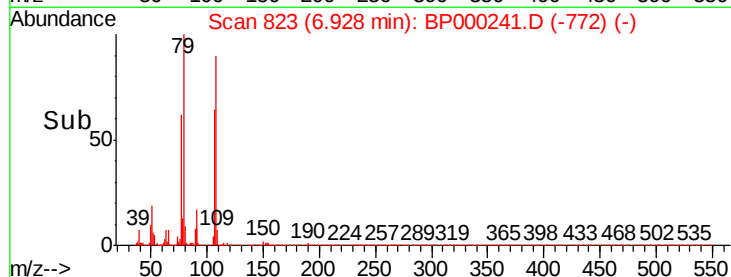
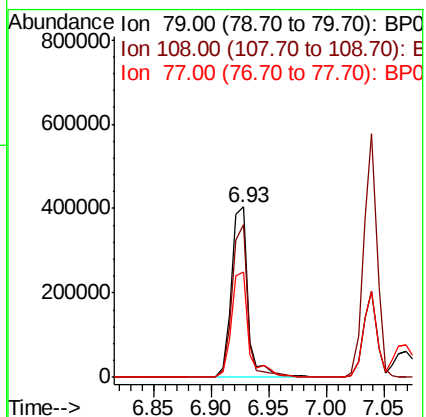
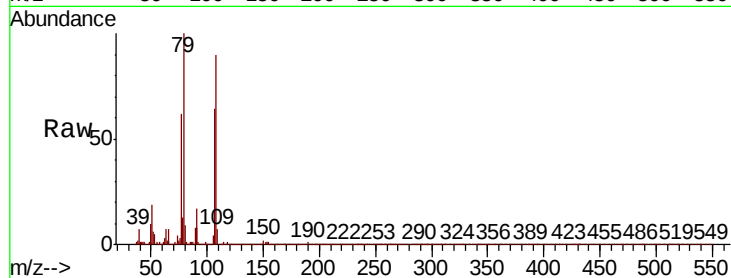
Tot Ion: 79 Resp: 401088

Ion Ratio Lower Upper

79 100

108 89.8 69.2 103.8

77 61.5 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.177 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

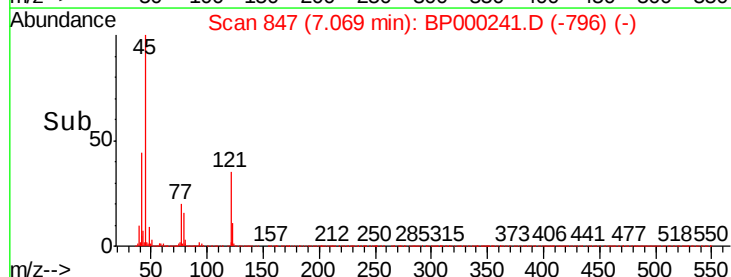
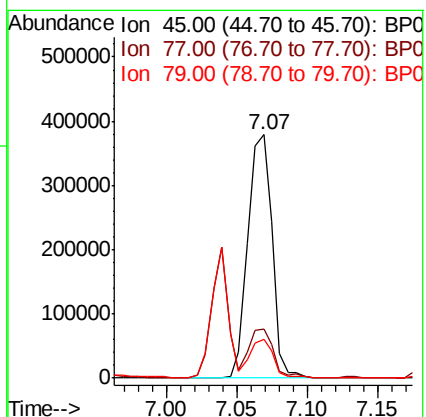
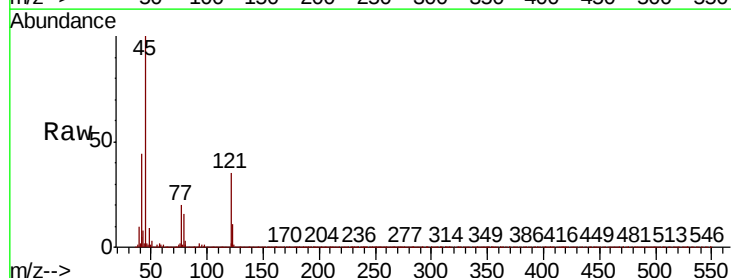
Tgt Ion: 45 Resp: 457516

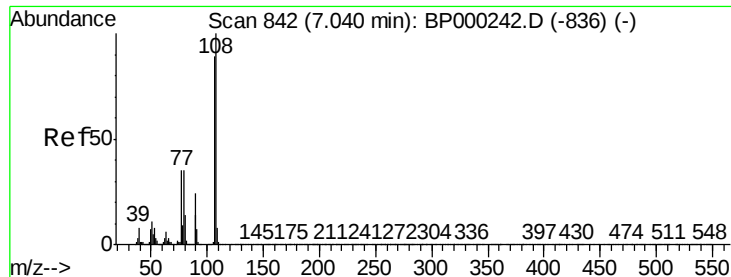
Ion Ratio Lower Upper

45 100

77 20.3 0.7 40.7

79 16.1 0.0 36.4





#17

2-Methylphenol

Concen: 20.220 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampled :

Tot Ion:107 Resp: 401406

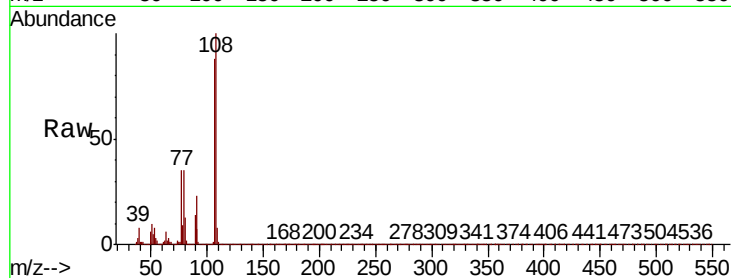
Ion Ratio Lower Upper

107 100

108 113.2 90.1 135.1

77 40.1 31.5 47.3

79 40.1 32.2 48.2

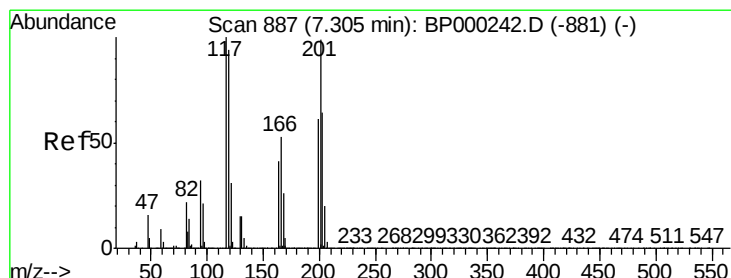
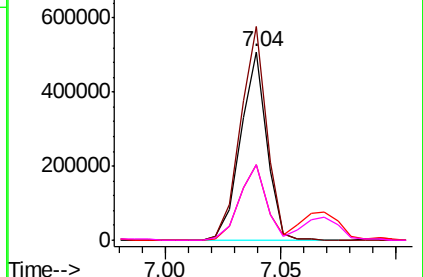
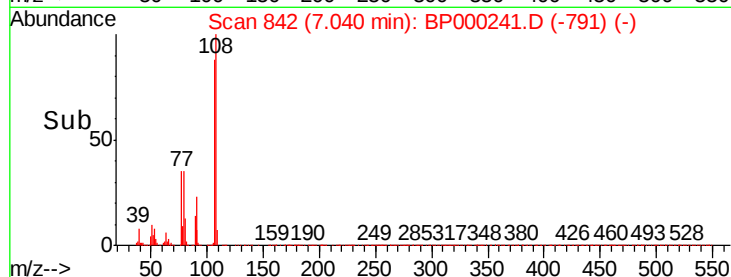


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 20.938 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

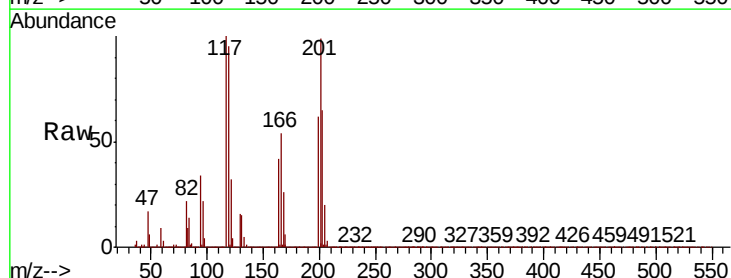
Tgt Ion:117 Resp: 208488

Ion Ratio Lower Upper

117 100

119 95.3 75.6 113.4

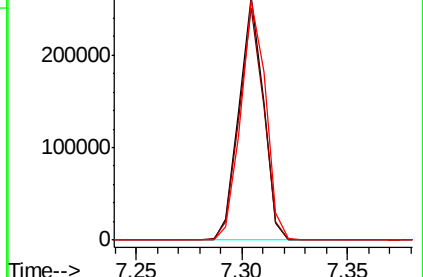
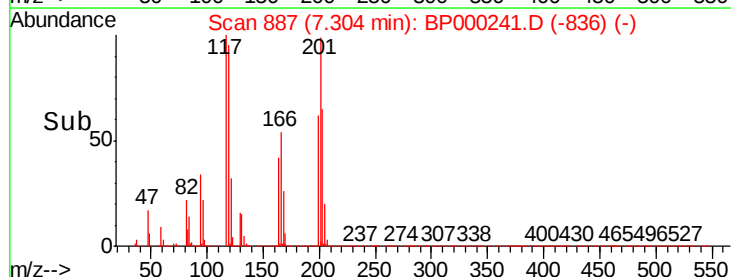
201 98.5 79.4 119.2

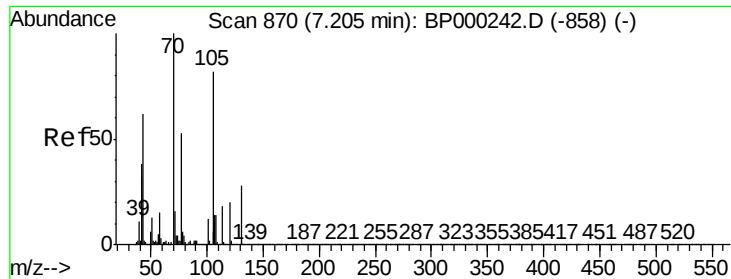


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

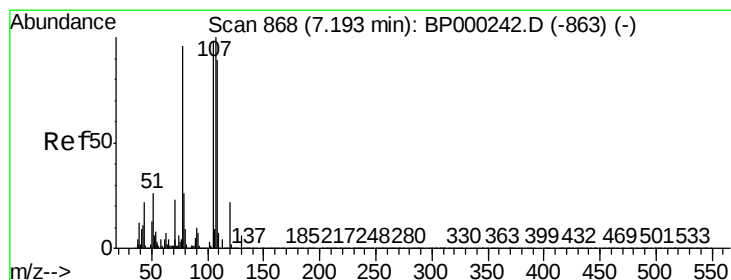
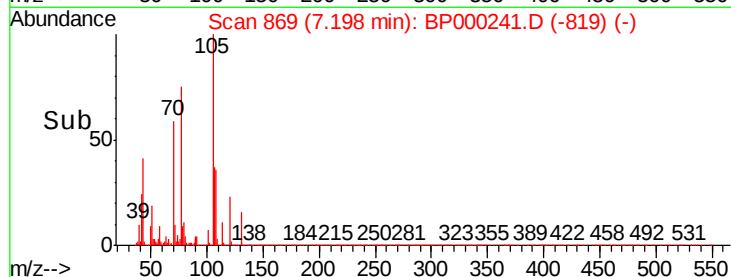
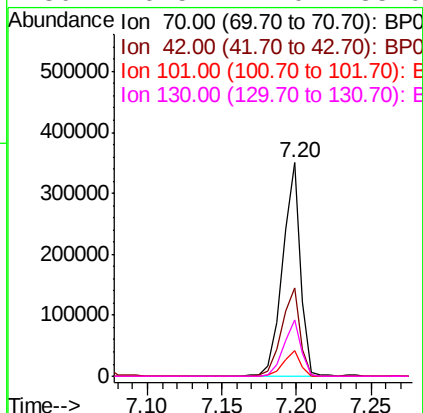
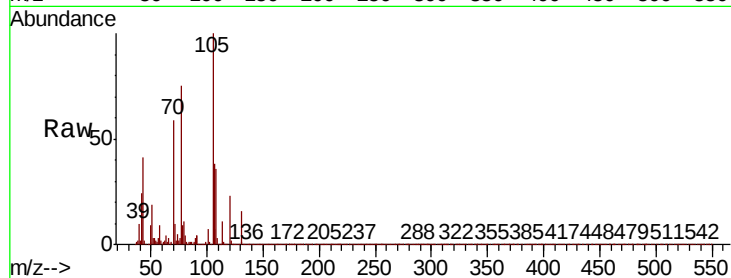




#19
n-Nitroso-di-n-propylamine
Concen: 18.175 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

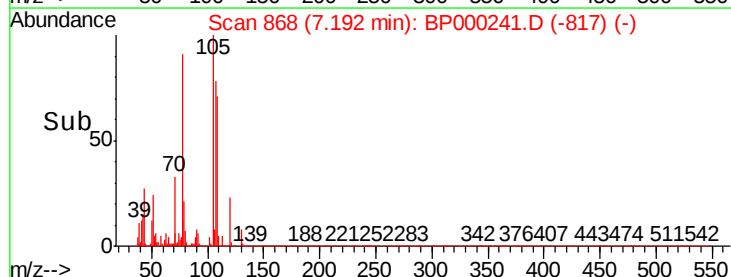
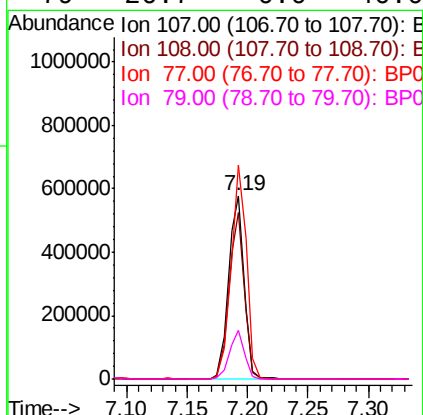
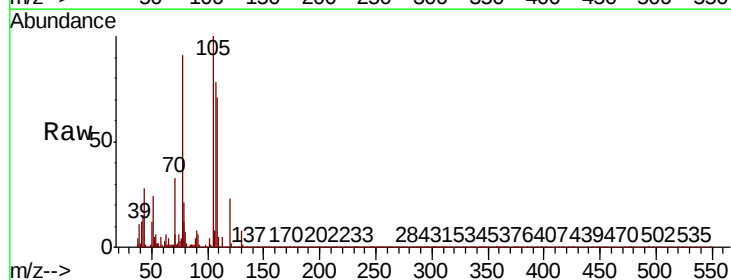
Instrument :
BNA_P
ClientSampleId :

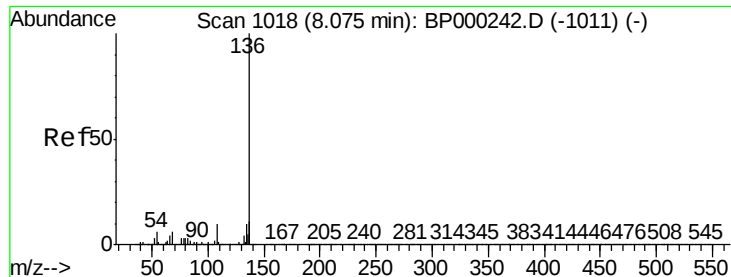
Tot Ion:	70	Resp:	291909
Ion	Ratio	Lower	Upper
70	100		
42	41.1	30.7	46.1
101	11.7	9.6	14.4
130	26.5	22.0	33.0



#20
3+4-Methylphenols
Concen: 20.590 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion:	107	Resp:	509782
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.8	108.8
77	116.6	75.7	115.7#
79	26.7	6.0	46.0

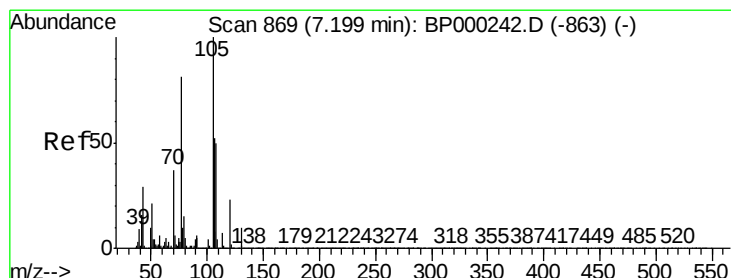
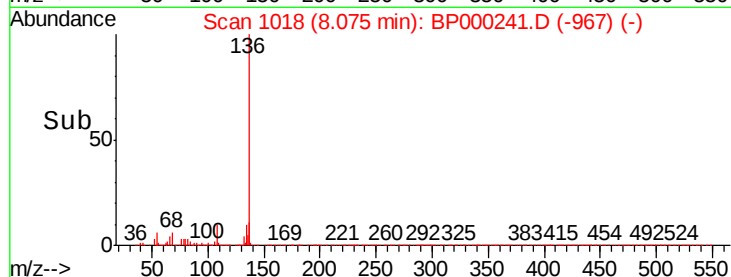
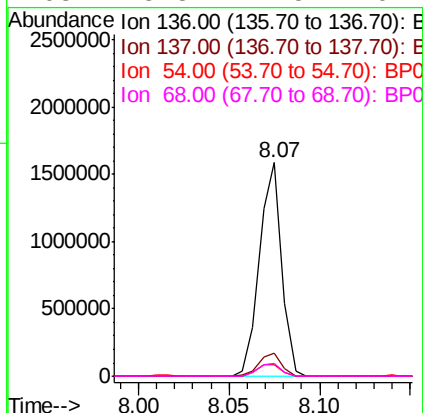
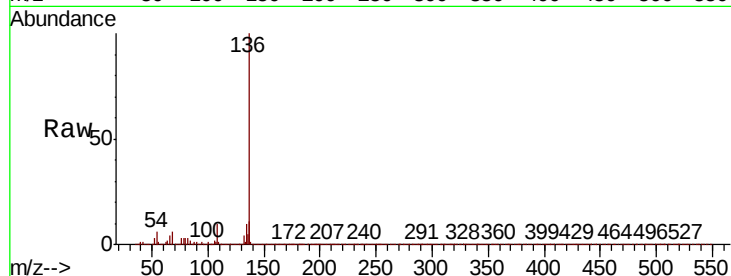




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

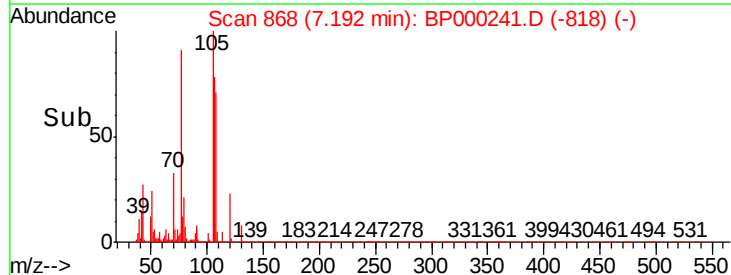
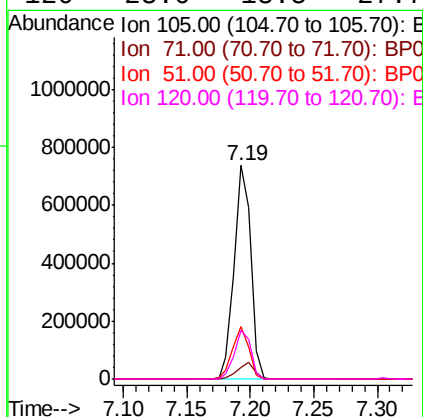
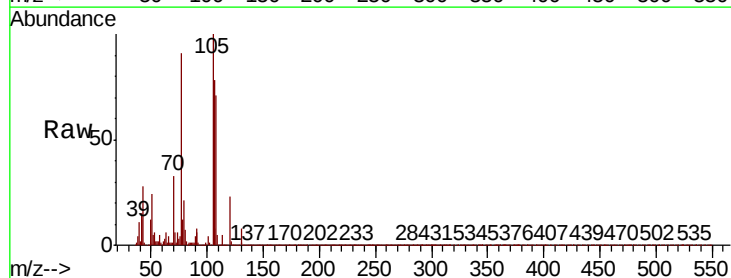
Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp: 1350824
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 5.7	4.5 6.7
68 5.8	4.5 6.7



#22
Acetophenone
Concen: 20.325 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt	Ion:105	Resp:	657635
Ion	Ratio	Lower	Upper
105	100		
71	5.7	5.2	7.8
51	24.3	16.6	24.8
120	23.0	18.5	27.7

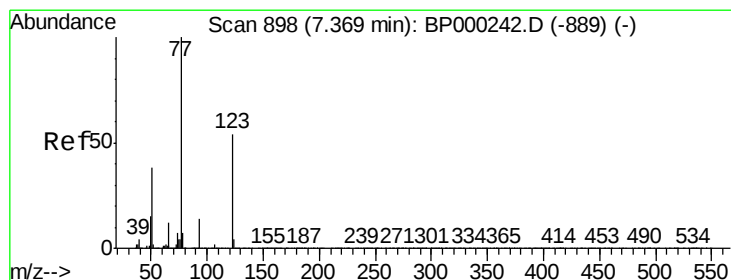
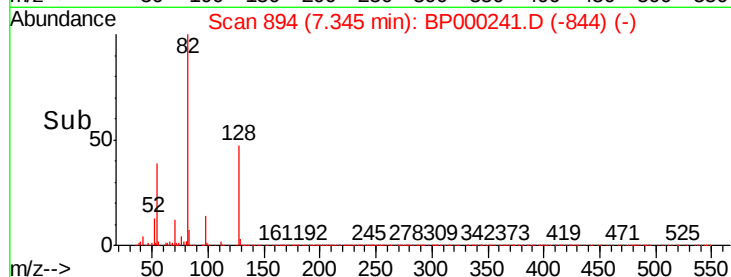
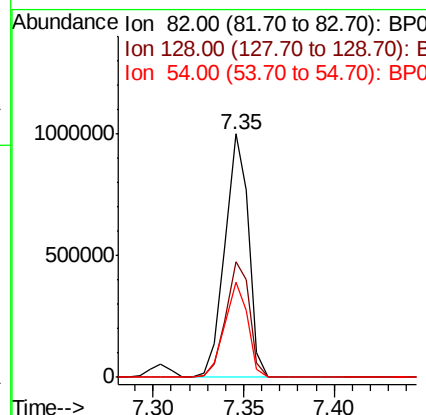
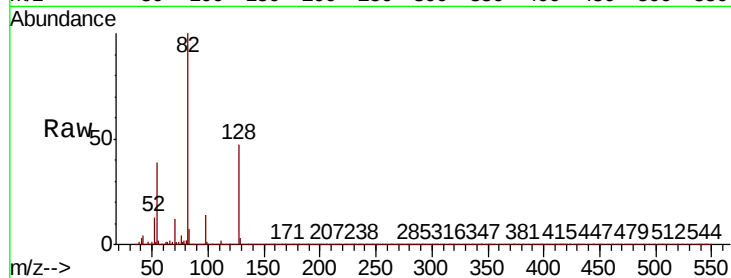




#23
Nitrobenzene-d5
Concen: 41.038 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

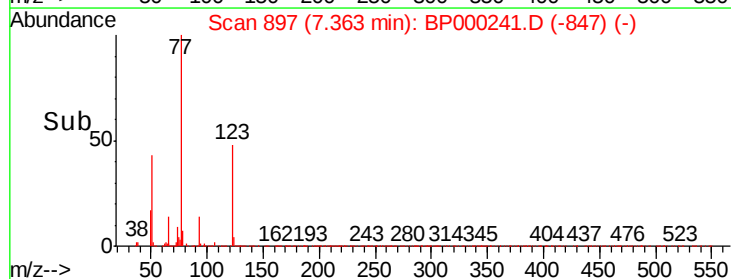
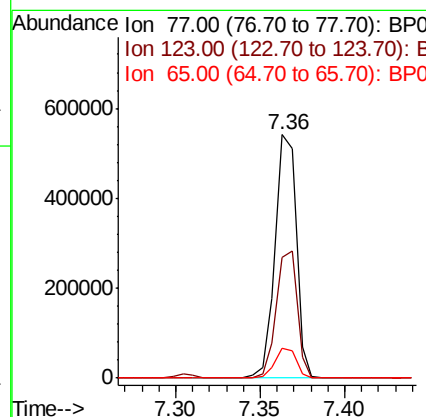
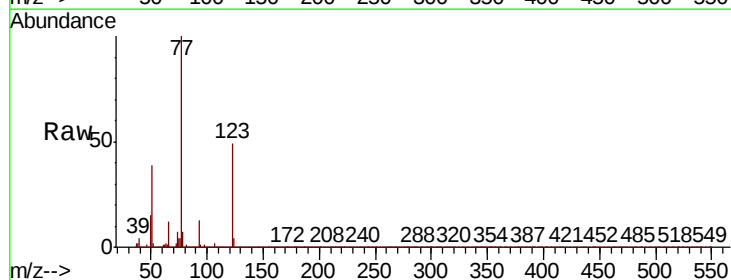
Instrument :
BNA_P
ClientSampleId :

Tot Ion	82	Resp	903450
Ion Ratio	Lower	Upper	
82	100		
128	47.5	40.7	61.1
54	38.9	30.1	45.1



#24
Nitrobenzene
Concen: 19.676 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion	77	Resp	469268
Ion Ratio	Lower	Upper	
77	100		
123	49.3	43.1	64.7
65	12.1	9.4	14.2





#25

Isophorone

Concen: 18.862 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

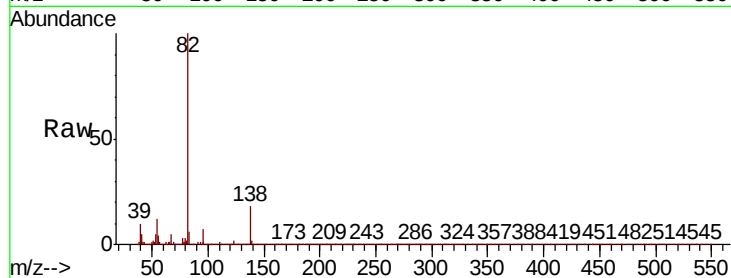
Tot Ion: 82 Resp: 877375

Ion Ratio Lower Upper

82 100

95 7.2 5.9 8.9

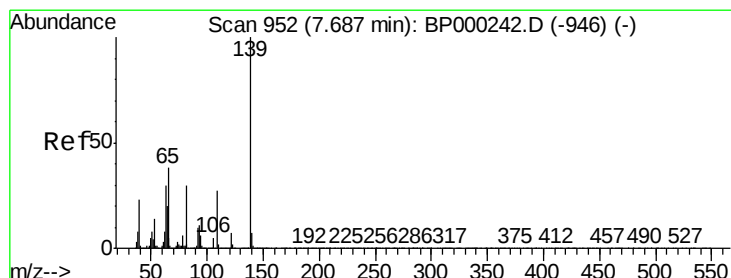
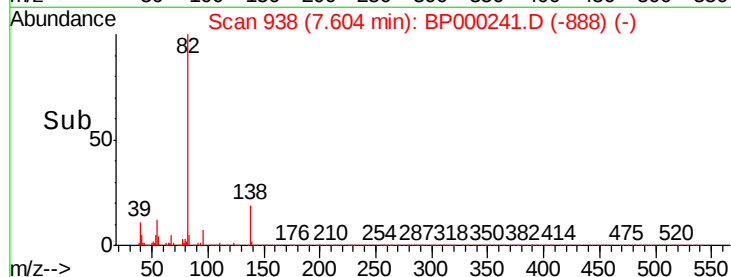
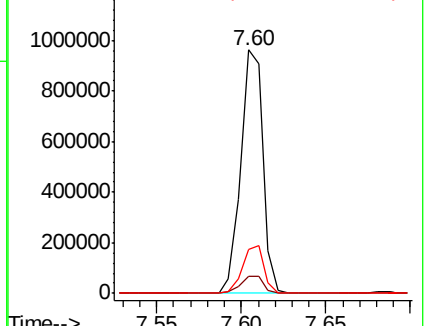
138 18.1 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 24.833 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

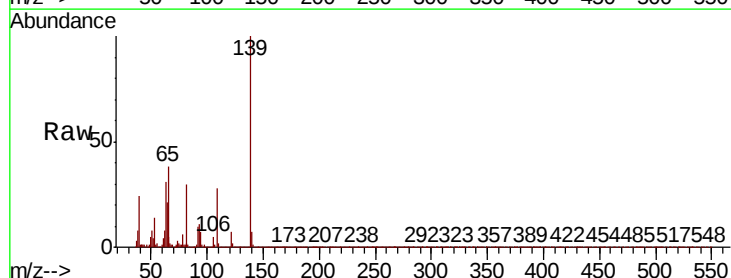
Tgt Ion: 139 Resp: 230641

Ion Ratio Lower Upper

139 100

109 27.9 21.8 32.6

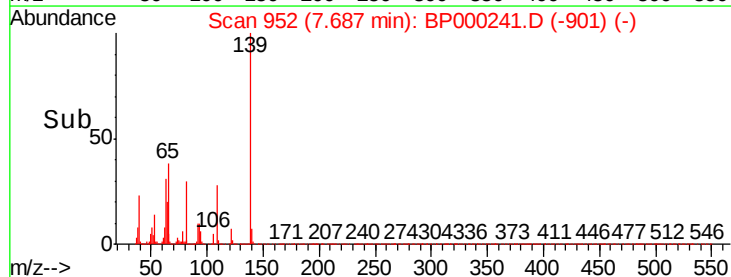
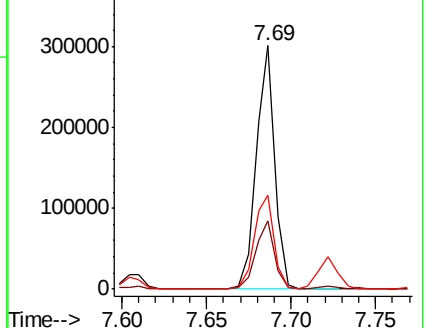
65 38.3 30.5 45.7

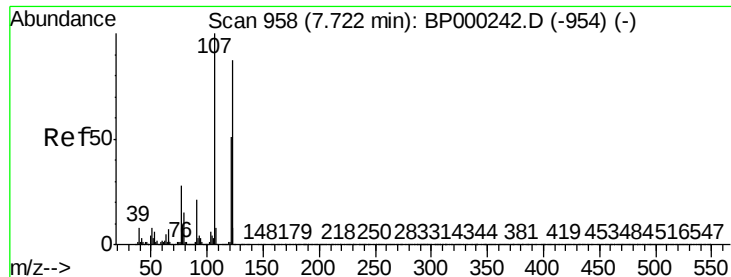


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 21.039 ng

RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BP000241.D

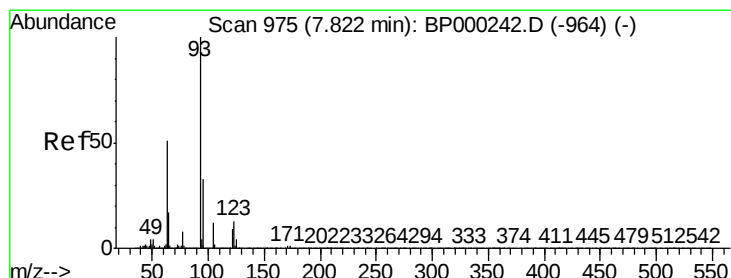
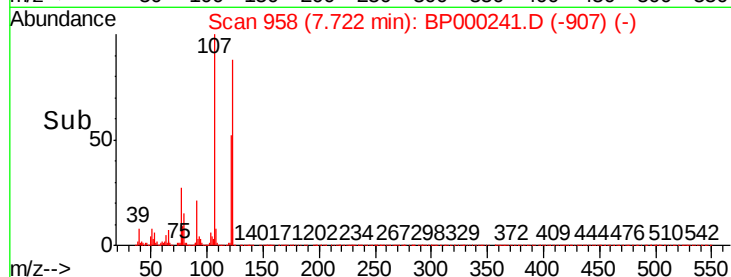
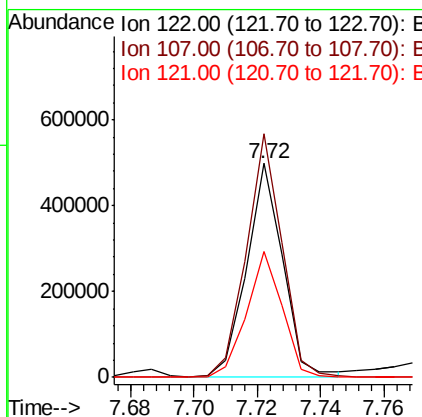
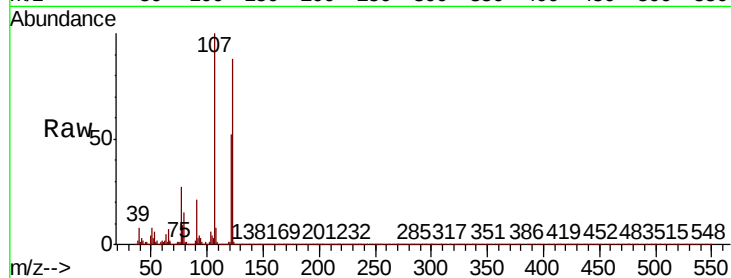
Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	122	Resp:	394311
Ion	Ratio	Lower	Upper
122	100		
107	114.0	91.5	137.3
121	58.9	46.9	70.3



#28

bis(2-Chloroethoxy)methane

Concen: 19.712 ng

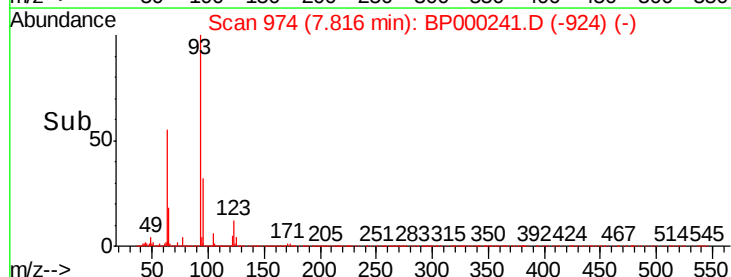
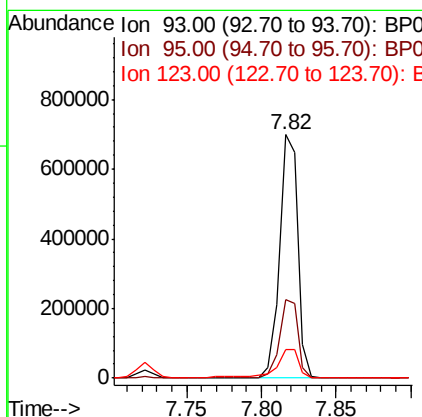
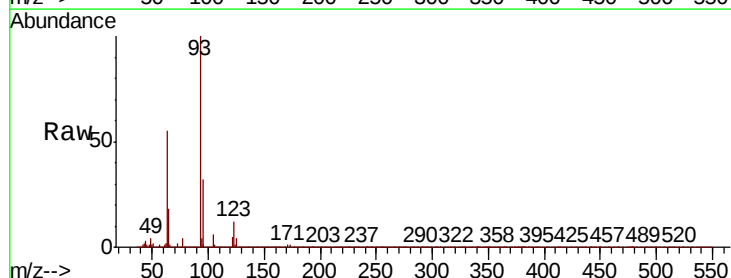
RT: 7.82 min Scan# 974

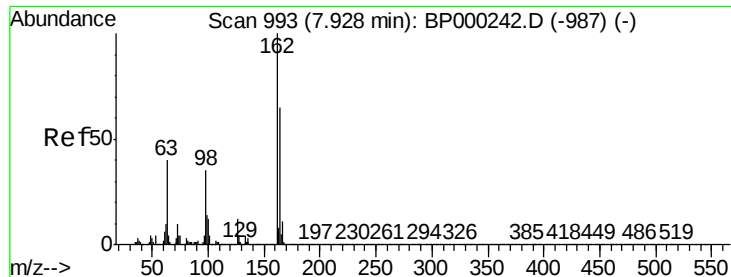
Delta R.T. -0.01 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Tgt Ion:	93	Resp:	596233
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	11.6	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 21.715 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

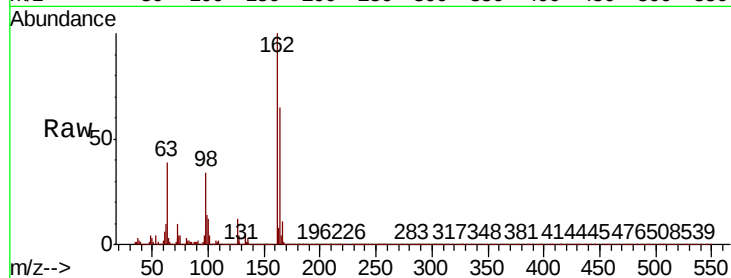
Tot Ion:162 Resp: 418477

Ion Ratio Lower Upper

162 100

164 65.5 44.5 84.5

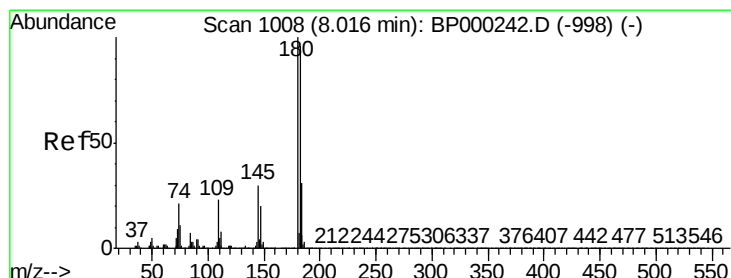
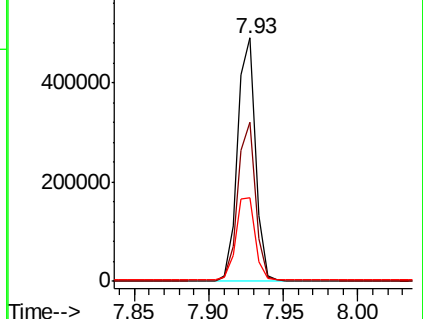
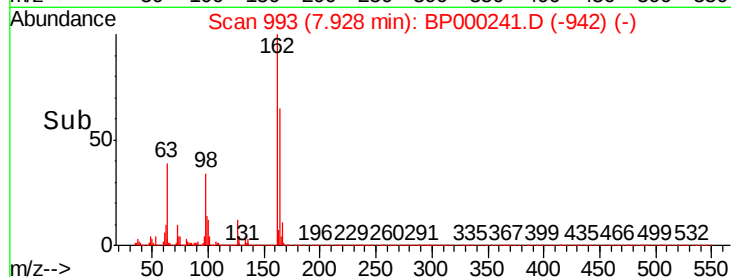
98 34.2 15.2 55.2



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): B



#30

1,2,4-Trichlorobenzene

Concen: 22.007 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

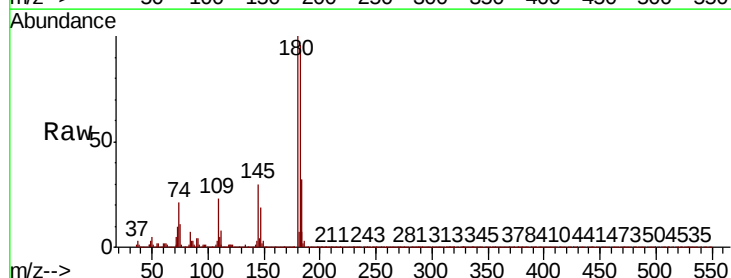
Tgt Ion:180 Resp: 483496

Ion Ratio Lower Upper

180 100

182 96.4 77.2 115.8

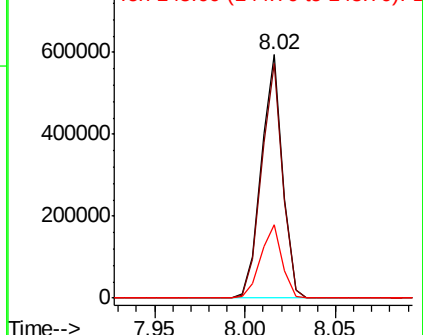
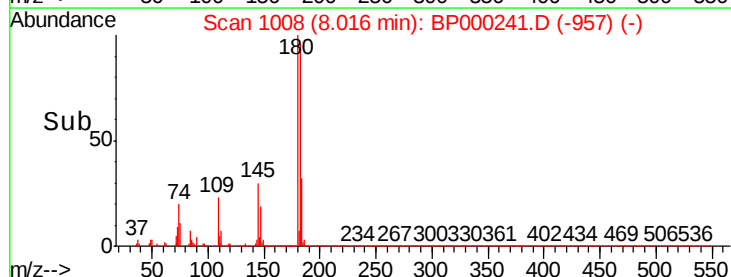
145 30.0 24.3 36.5

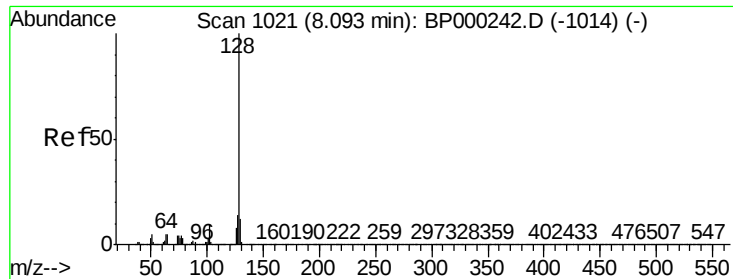


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

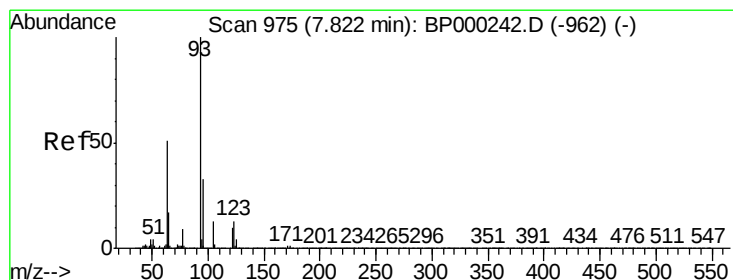
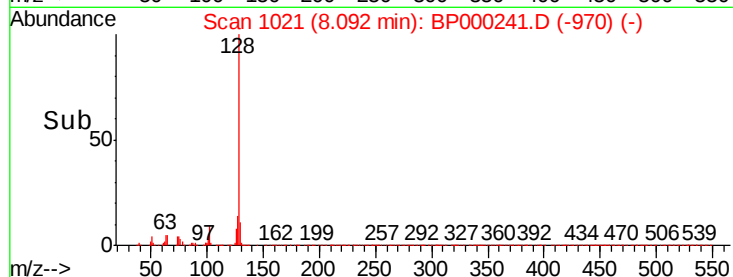
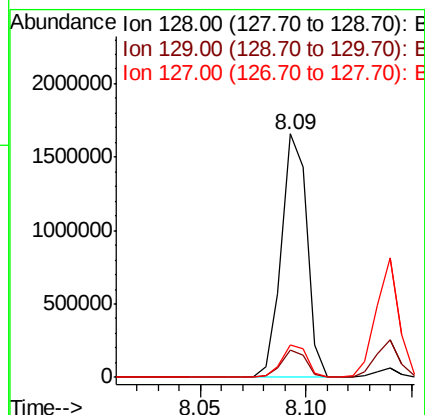
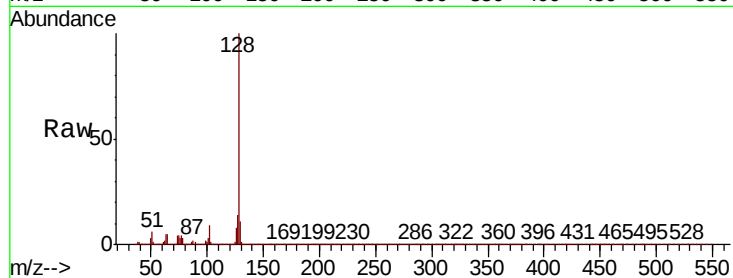




#31
Naphthalene
Concen: 22.570 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

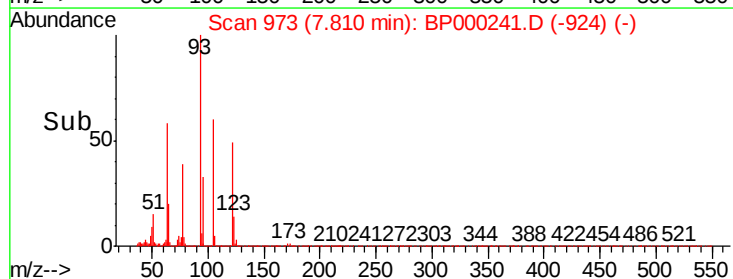
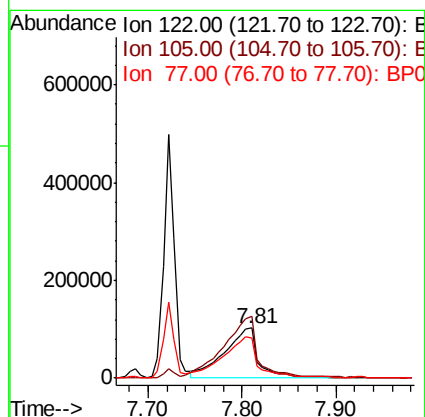
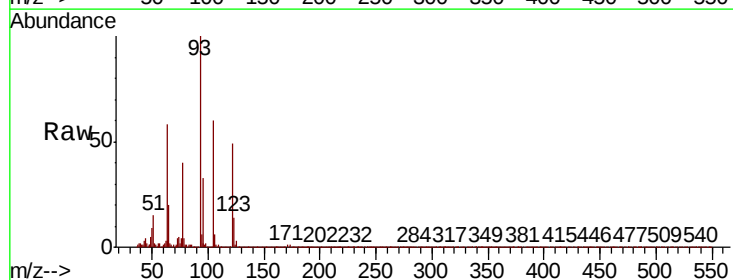
Instrument :
BNA_P
ClientSampleId :

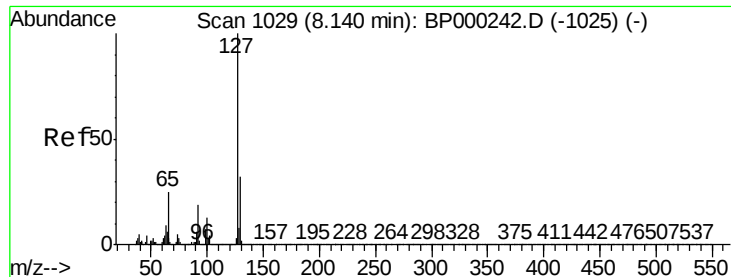
Tot Ion:128 Resp: 1398799
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.6 11.0 16.6



#32
Benzoic acid
Concen: 21.793 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion:122 Resp: 250769
Ion Ratio Lower Upper
122 100
105 122.5 105.4 145.4
77 80.8 65.3 105.3

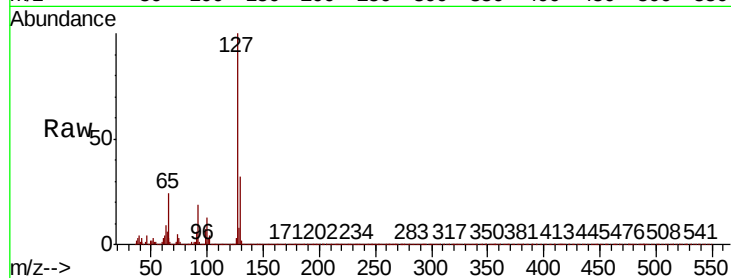




#33
4-Chloroaniline
Concen: 21.120 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	617361
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	23.8	19.9	29.9
92	18.7	15.4	23.0



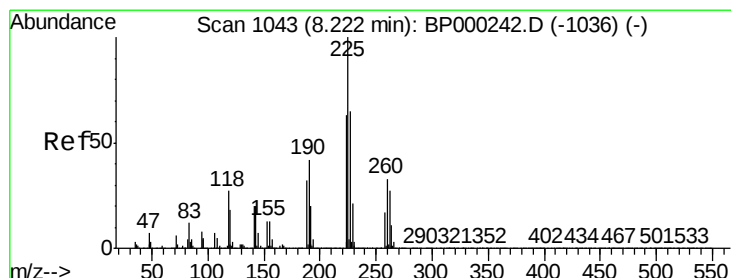
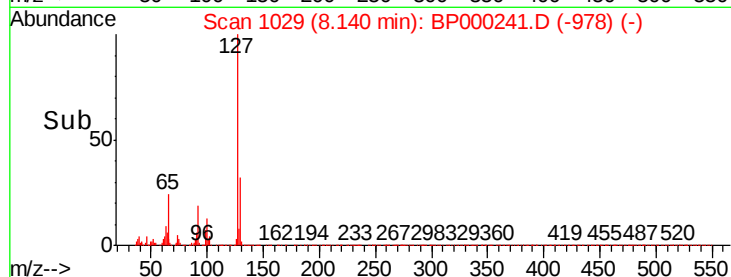
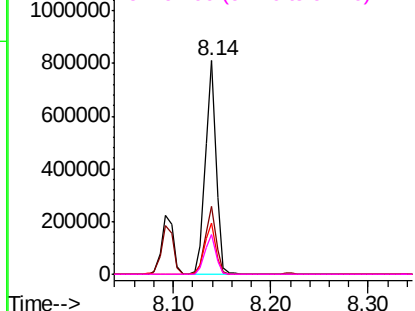
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

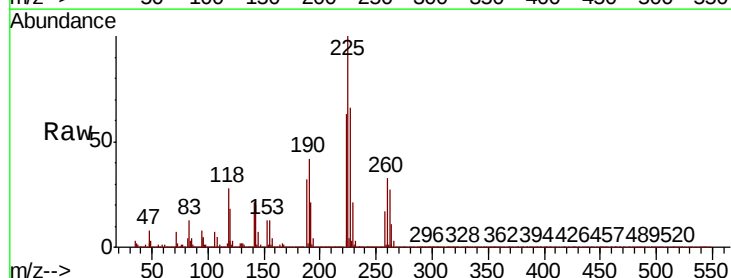
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 23.027 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion:	225	Resp:	285060
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	65.9	51.8	77.6

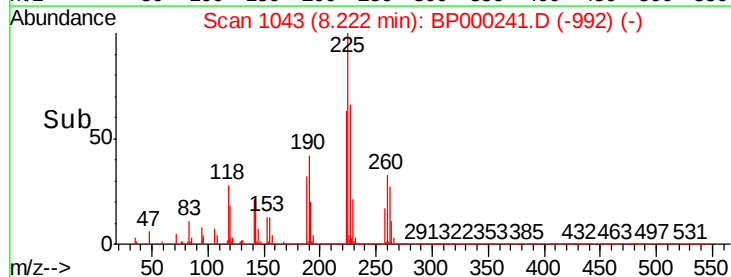
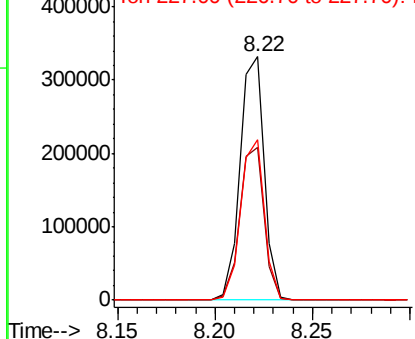


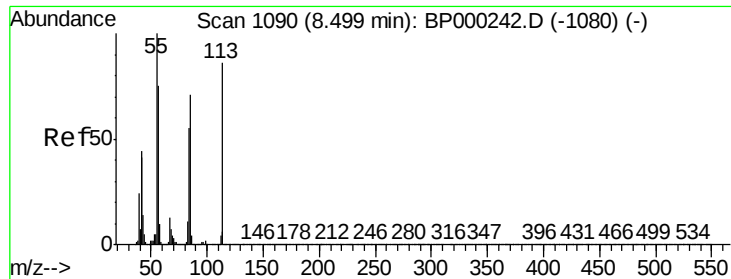
Abundance

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

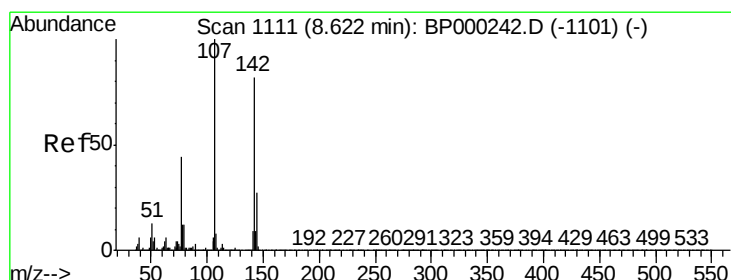
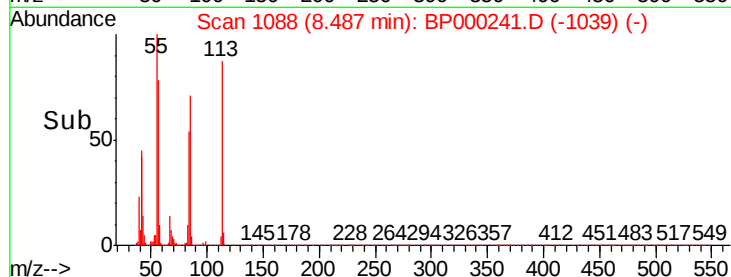
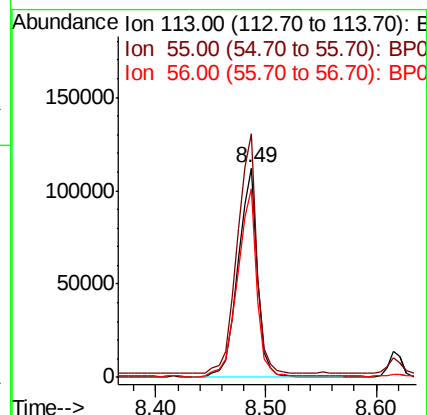
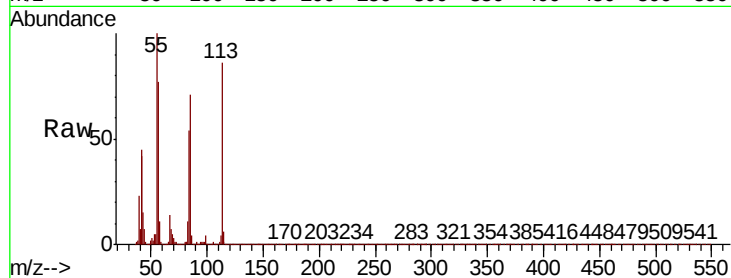




#35
Caprolactam
Concen: 19.972 ng
RT: 8.49 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

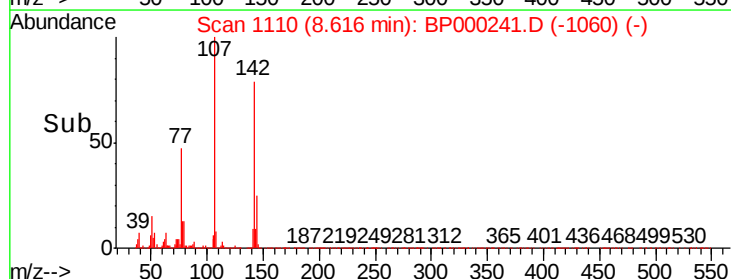
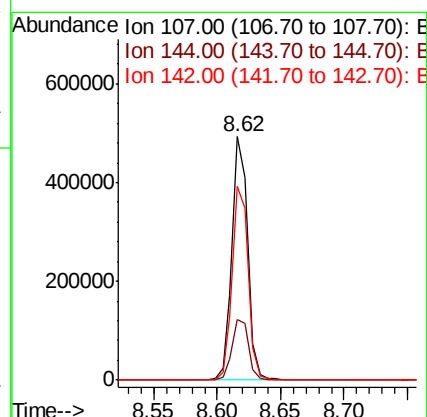
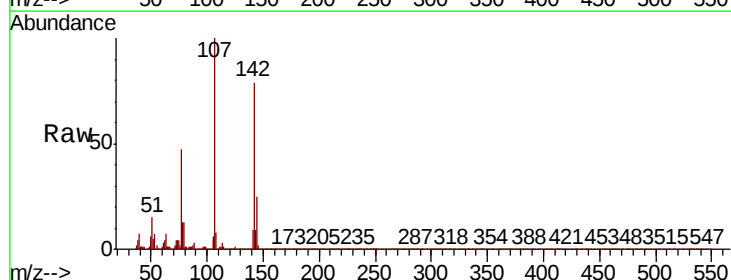
Instrument :
BNA_P
ClientSampleId :

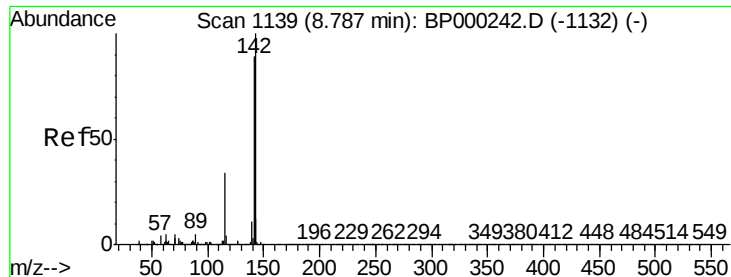
Tot Ion	Ratio	Lower	Upper
113	100		
55	116.3	96.8	136.8
56	90.1	67.5	107.5



#36
4-Chloro-3-methylphenol
Concen: 20.110 ng
RT: 8.62 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	21.5	32.3
142	79.3	65.7	98.5

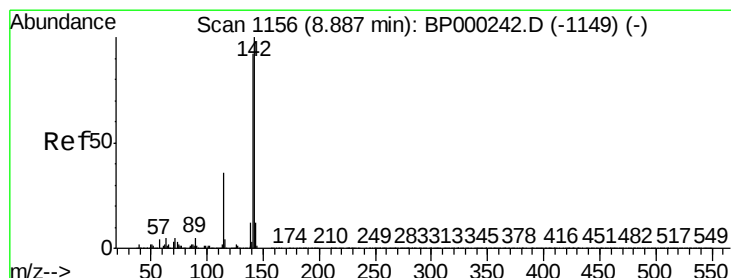
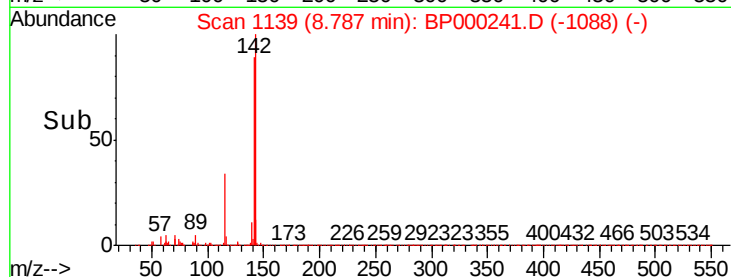
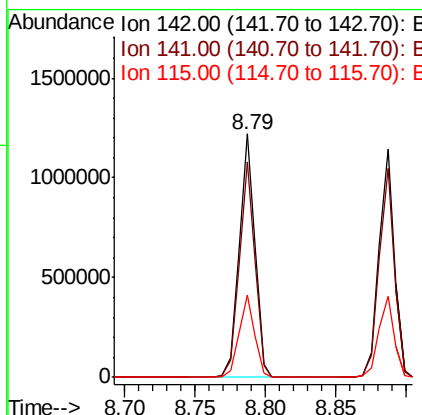
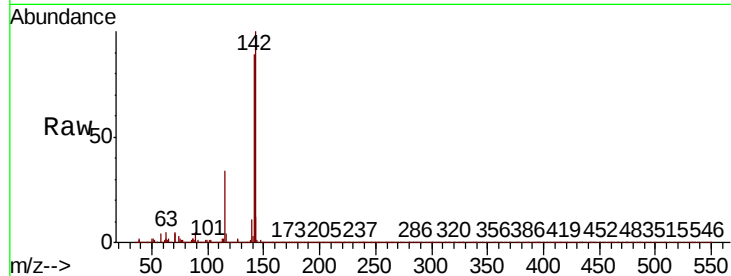




#37
 2-Methylnaphthalene
 Concen: 21.607 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BP000241.D
 Acq: 16 Sep 2019 16:11

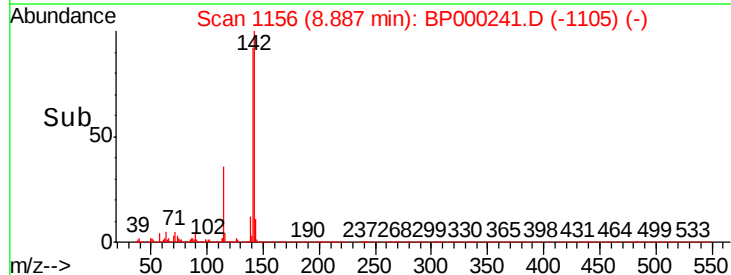
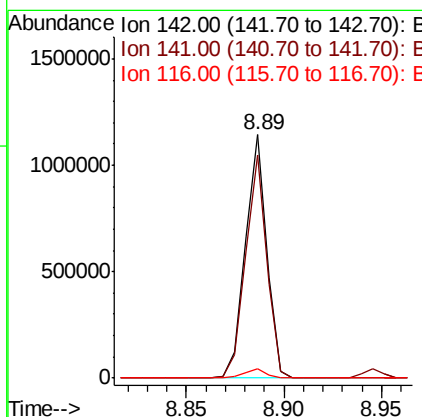
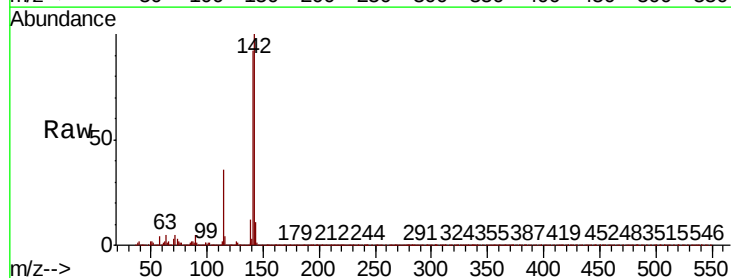
Instrument :
 BNA_P
 ClientSampleId :

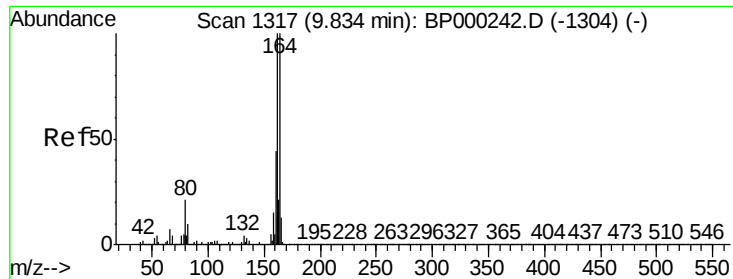
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.3	106.9
115	33.7	27.2	40.8



#38
 1-Methylnaphthalene
 Concen: 21.124 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BP000241.D
 Acq: 16 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9
116	3.7	3.0	4.6

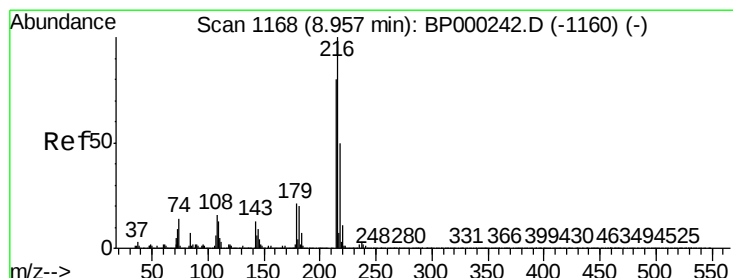
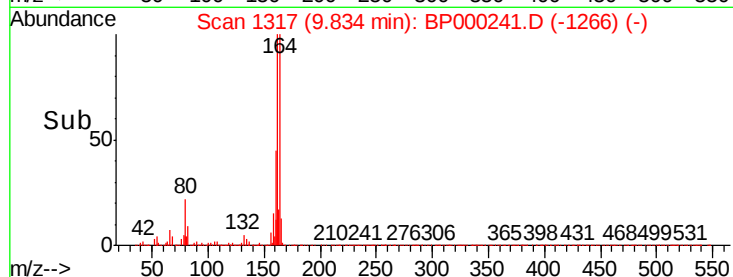
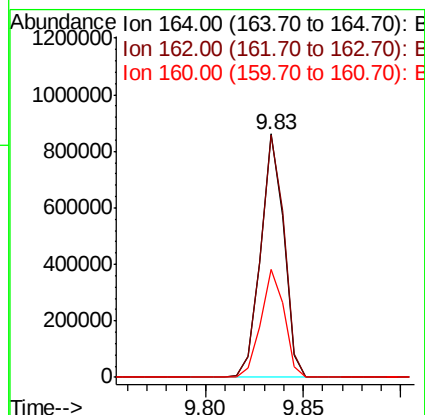
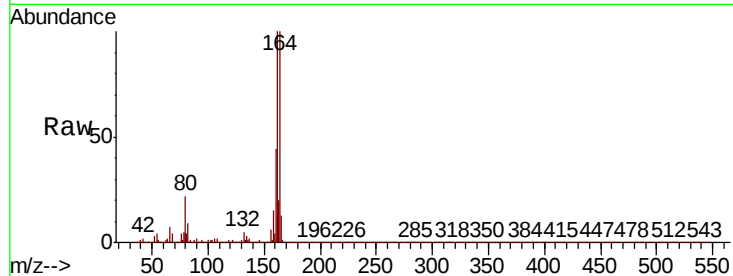




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

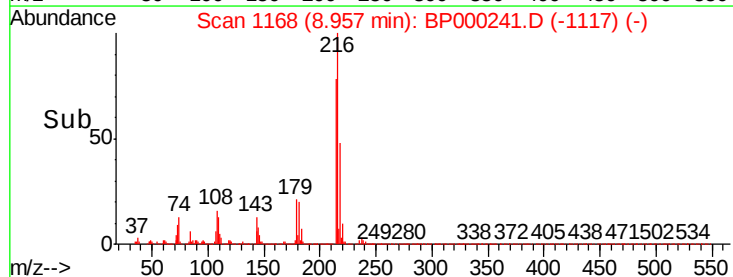
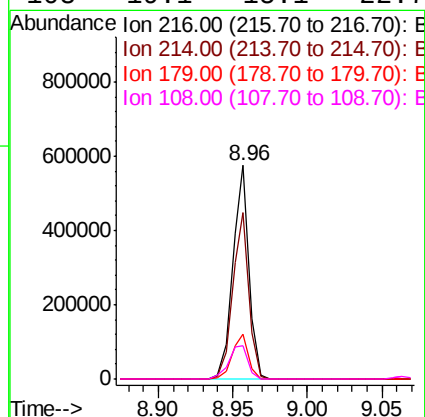
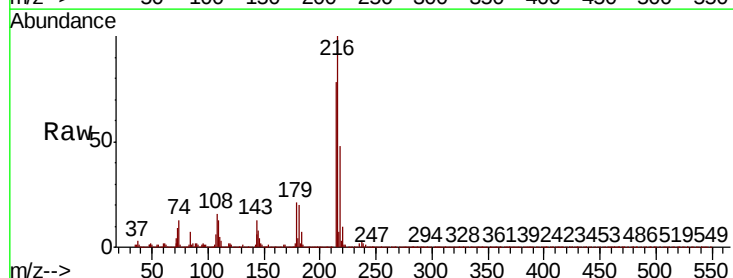
Instrument :
BNA_P
ClientSampleId :

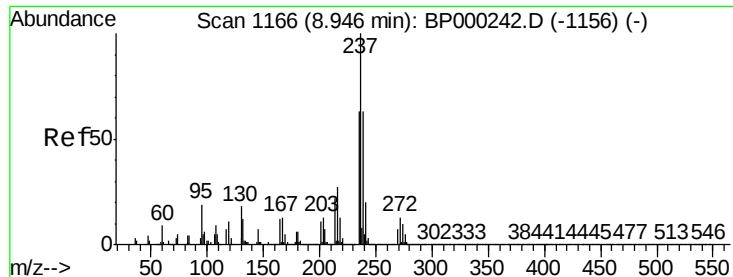
Tot Ion:164 Resp: 706740
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 44.4 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.915 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion:216 Resp: 438401
Ion Ratio Lower Upper
216 100
214 78.6 63.6 95.4
179 21.3 17.0 25.4
108 19.1 15.1 22.7

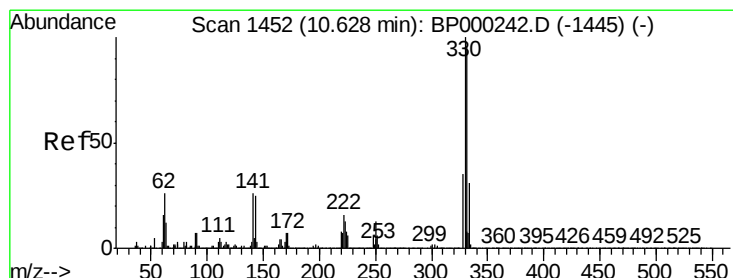
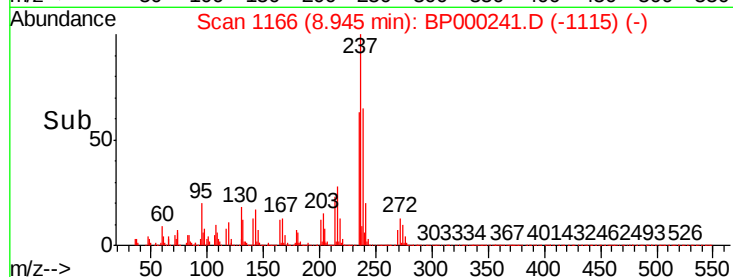
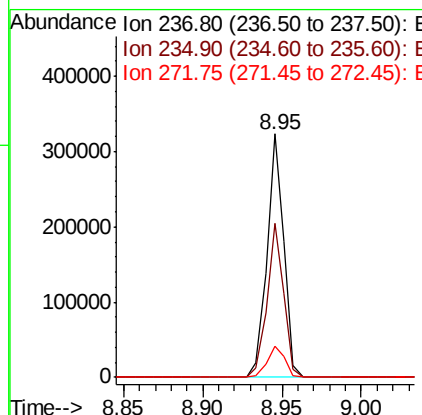
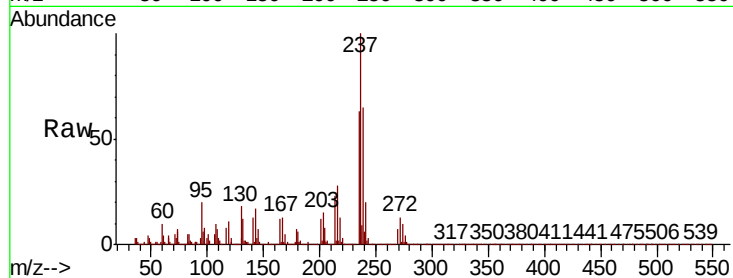




#41
Hexachlorocyclopentadiene
Concen: 21.744 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

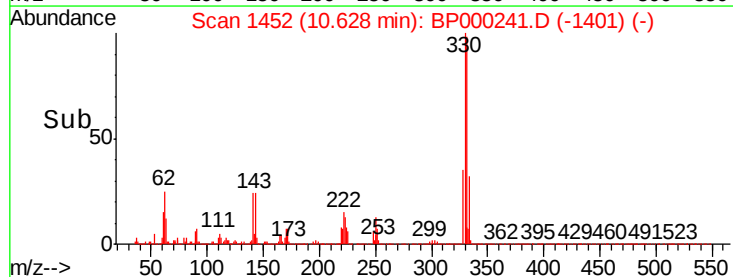
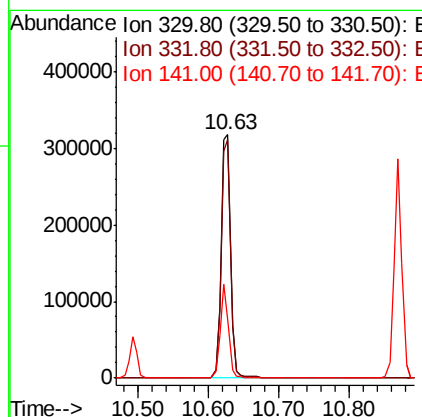
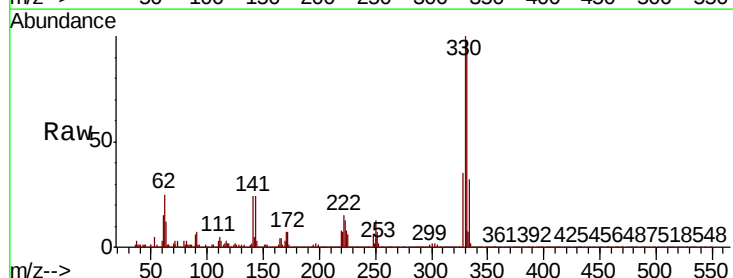
Instrument :
BNA_P
ClientSampleId :

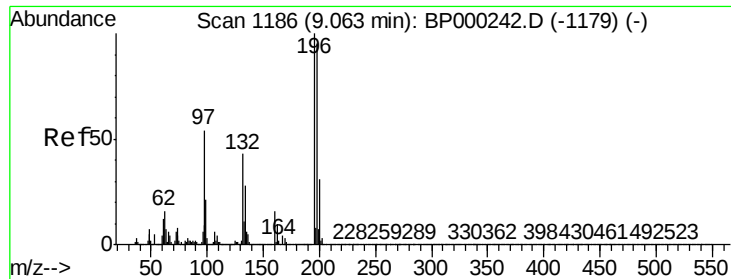
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.2	43.5	83.5
272	12.9	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 49.548 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	34.1	26.5	39.7

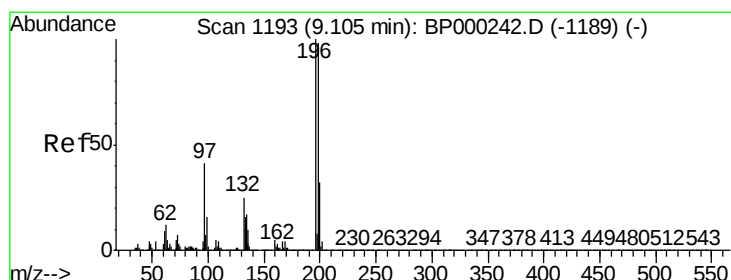
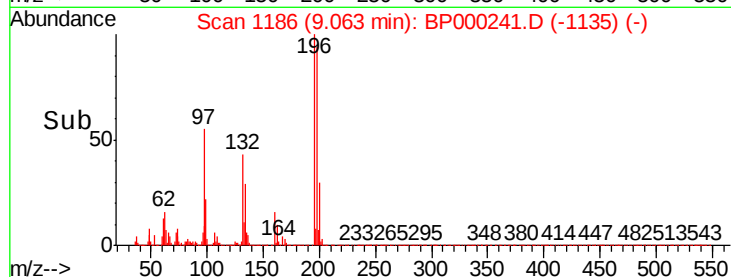
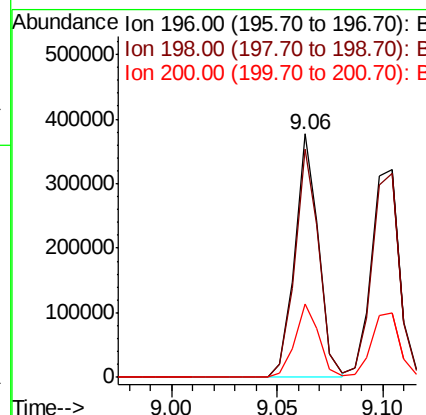
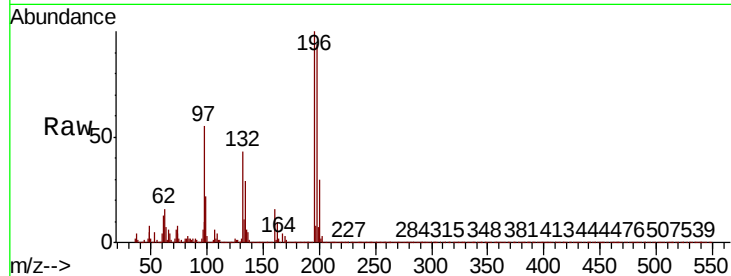




#43
 2,4,6-Trichlorophenol
 Concen: 21.299 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BP000241.D
 Acq: 16 Sep 2019 16:11

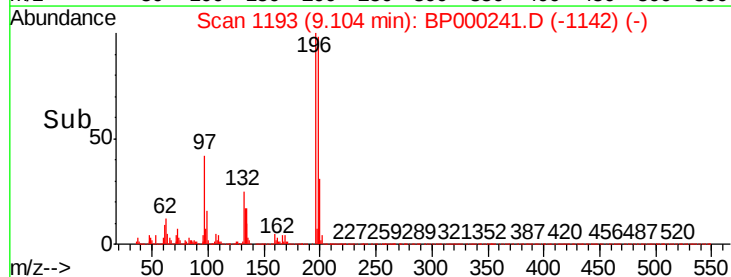
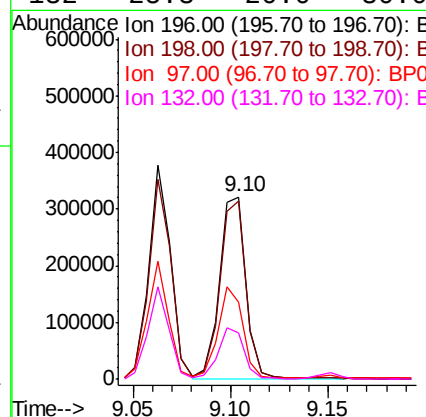
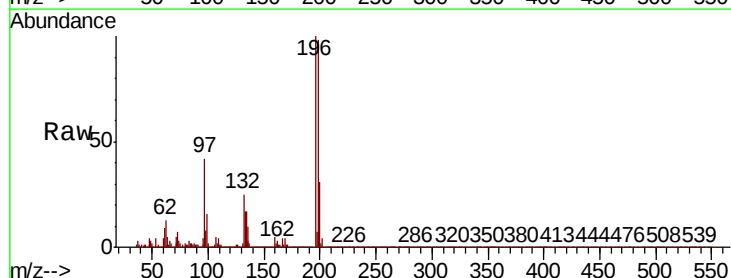
Instrument :
 BNA_P
 ClientSampled :

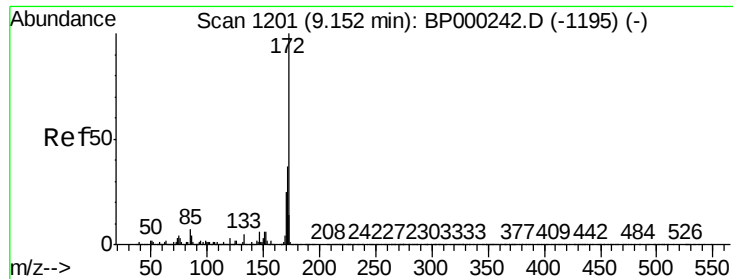
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.8	76.0	114.0
200	29.9	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 20.859 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BP000241.D
 Acq: 16 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	78.1	117.1
97	41.9	33.3	49.9
132	25.3	20.0	30.0

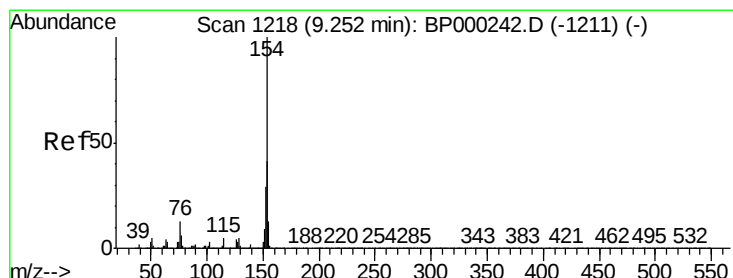
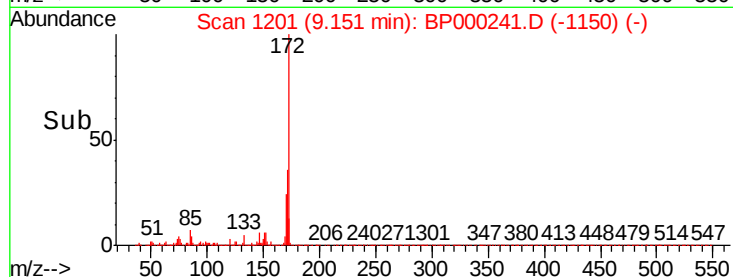
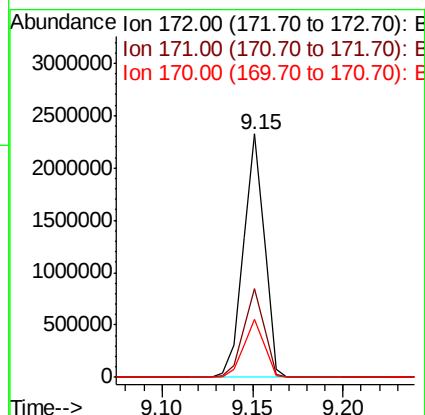
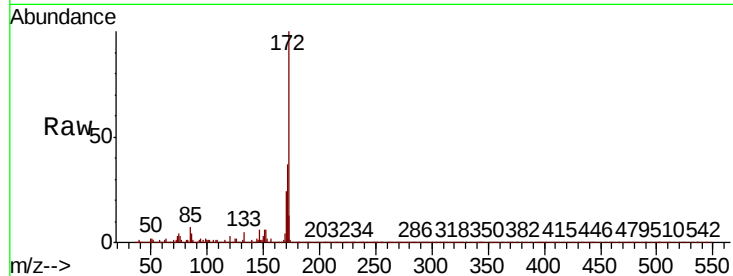




#45
2-Fluorobiphenyl
Concen: 43.887 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

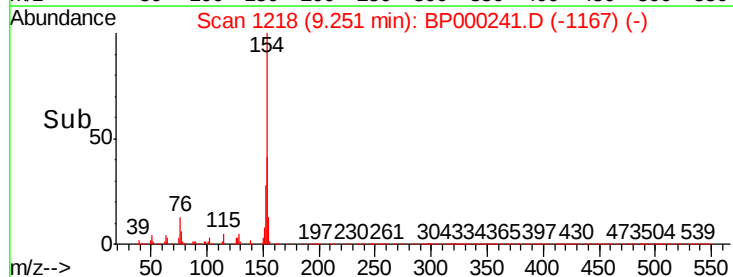
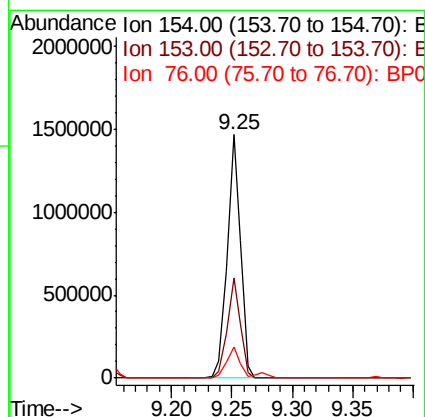
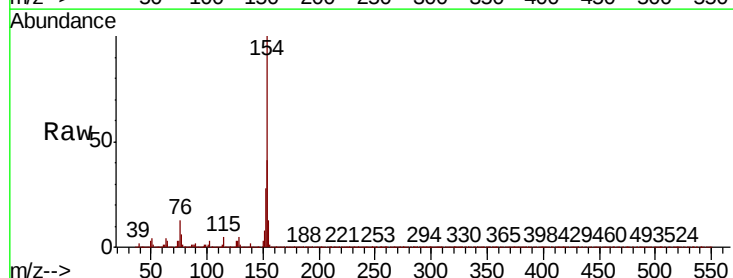
Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 1857293
Ion Ratio Lower Upper
172 100
171 36.5 29.8 44.6
170 23.9 19.8 29.6



#46
1,1'-Biphenyl
Concen: 22.073 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion:154 Resp: 1101293
Ion Ratio Lower Upper
154 100
153 41.3 21.4 61.4
76 13.0 0.0 33.4





#47

2-Chloronaphthalene

Concen: 21.809 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampled :

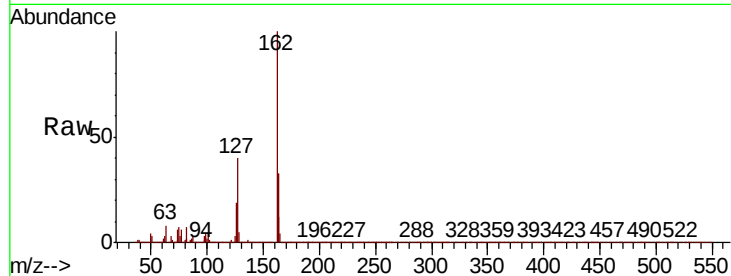
Tot Ion:162 Resp: 903245

Ion Ratio Lower Upper

162 100

127 39.8 32.4 48.6

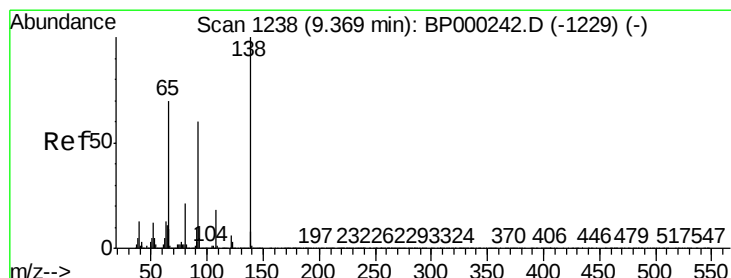
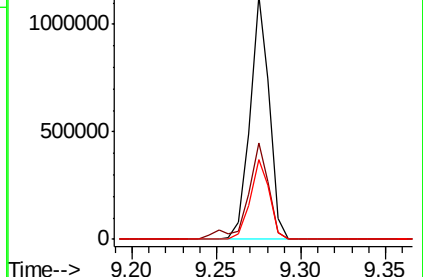
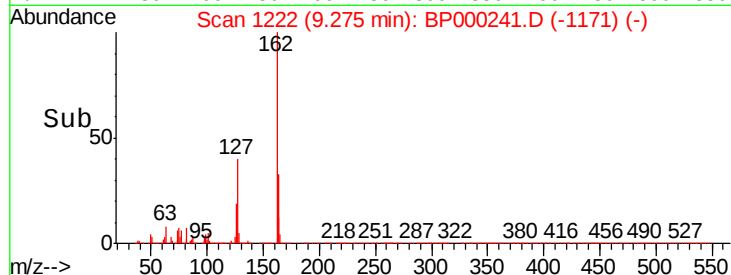
164 32.8 26.3 39.5



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: 19.791 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

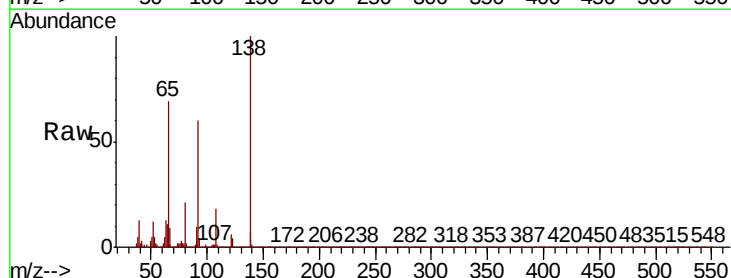
Tgt Ion: 65 Resp: 221403

Ion Ratio Lower Upper

65 100

92 86.7 68.7 103.1

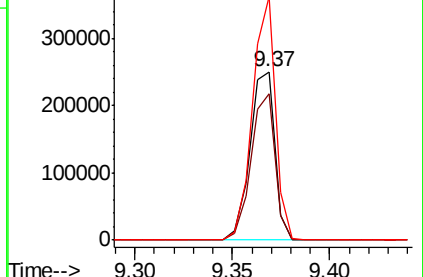
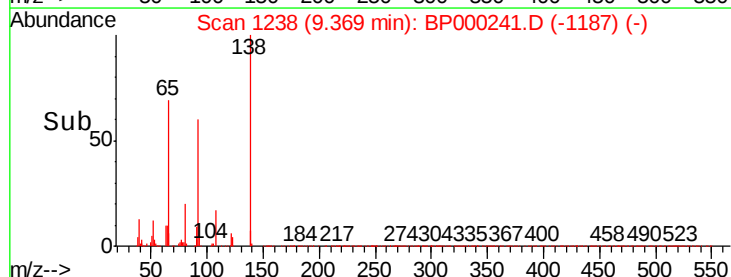
138 144.5 114.4 171.6

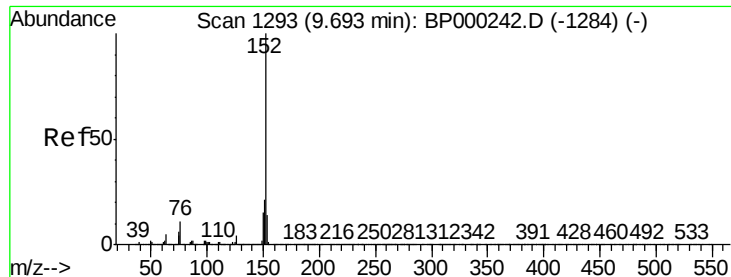


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 22.723 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

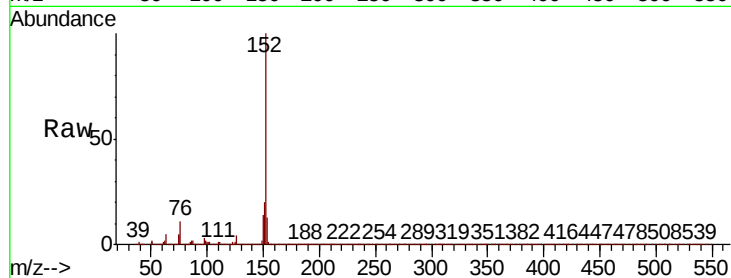
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1396445

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.3	11.0	16.4

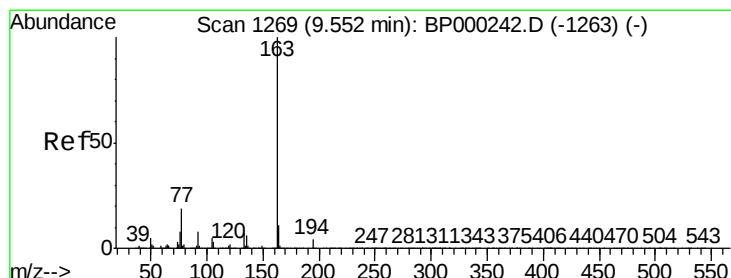
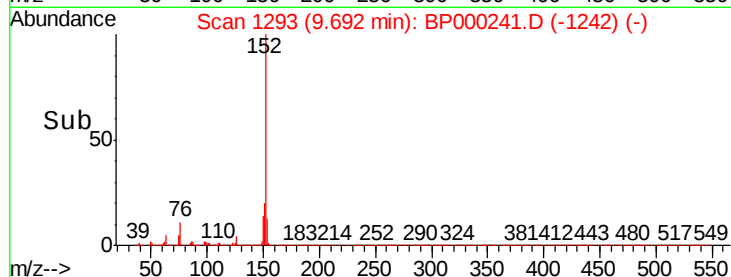
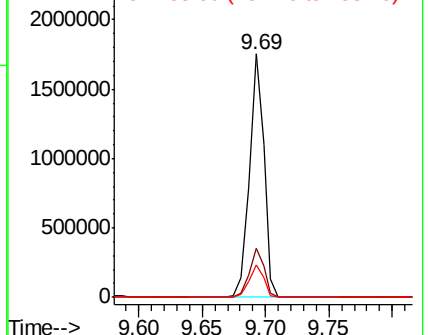


Abundance

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: 21.272 ng

RT: 9.55 min Scan# 1269

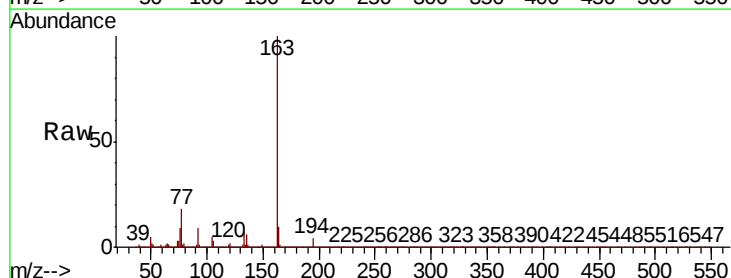
Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Tgt Ion:163 Resp: 1024462

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.2	8.5	12.7

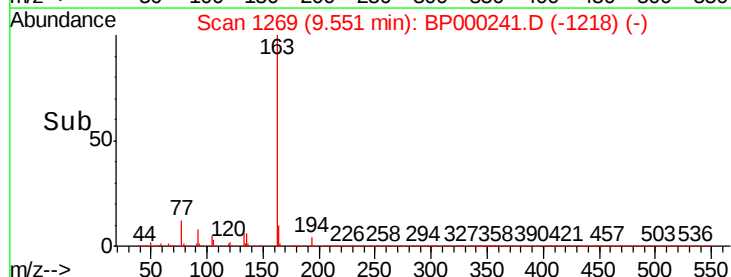
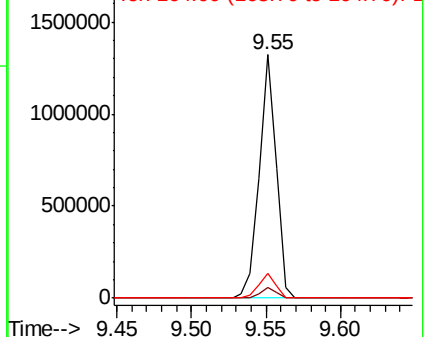


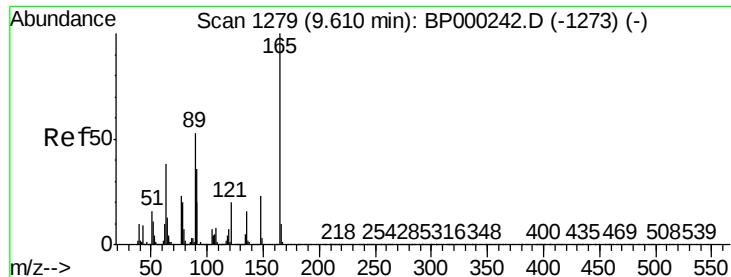
Abundance

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

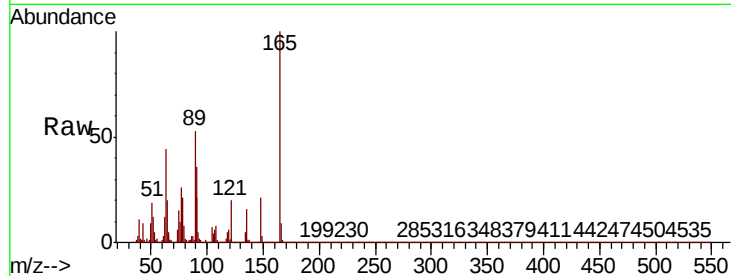




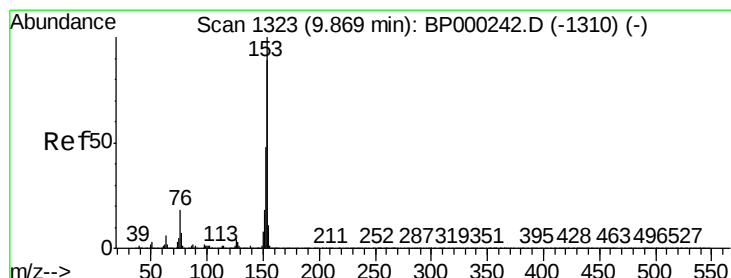
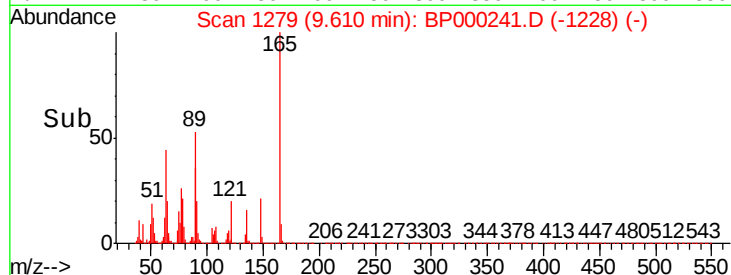
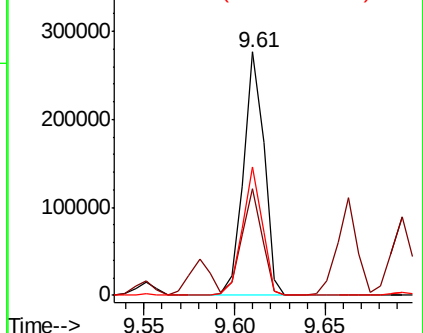
#51
2,6-Dinitrotoluene
Concen: 21.275 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.6	35.8	53.8
89	52.6	42.6	63.8

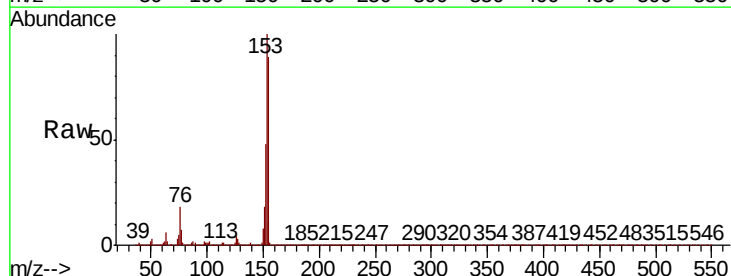


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

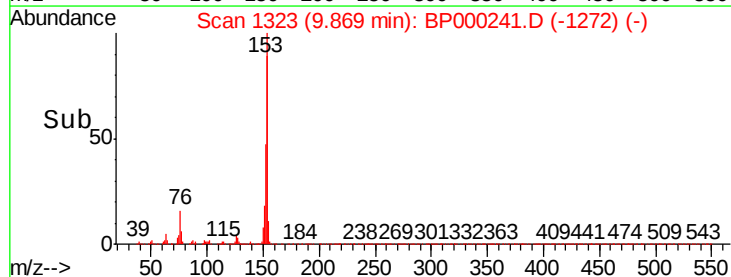
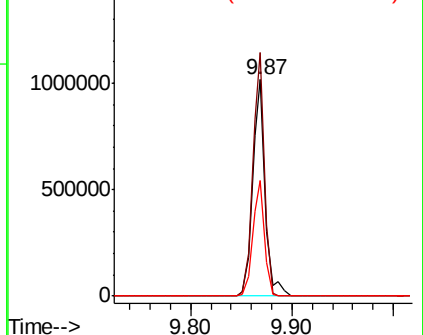


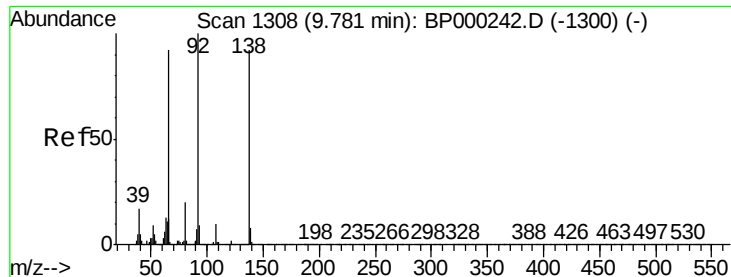
#52
Acenaphthene
Concen: 22.273 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.8	134.6
152	53.5	43.4	65.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

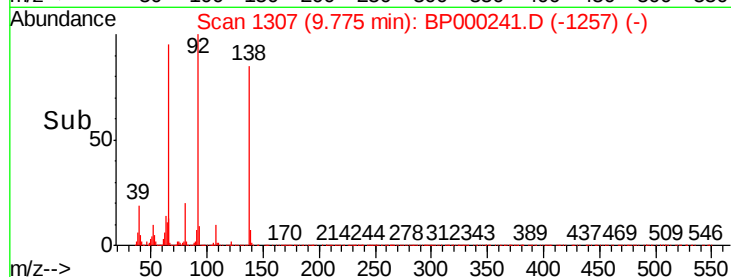
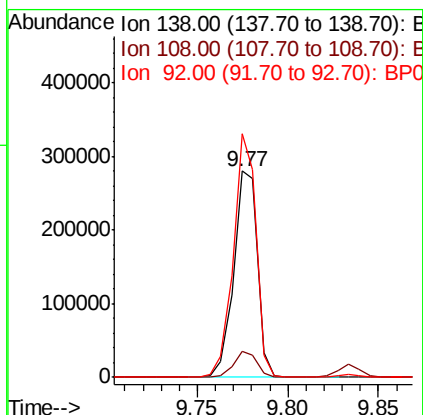
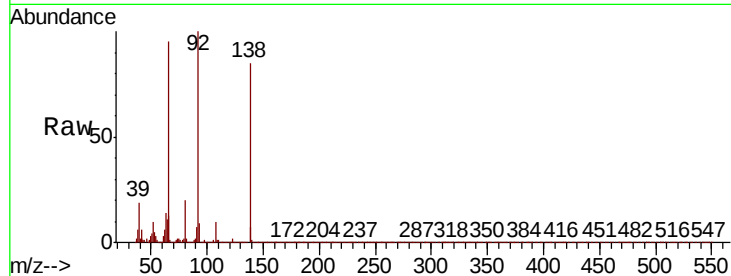




#53
3-Nitroaniline
Concen: 20.820 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

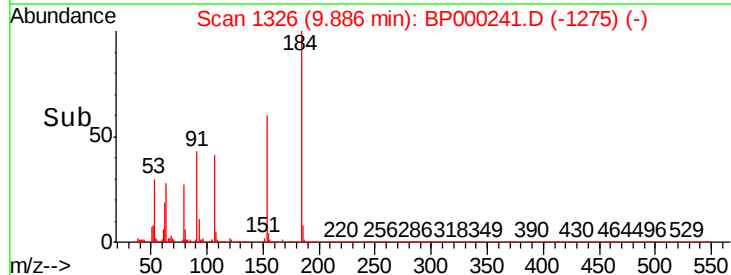
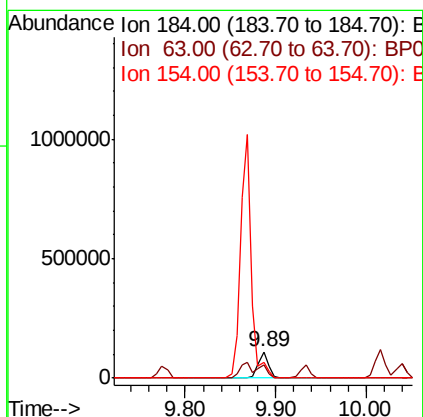
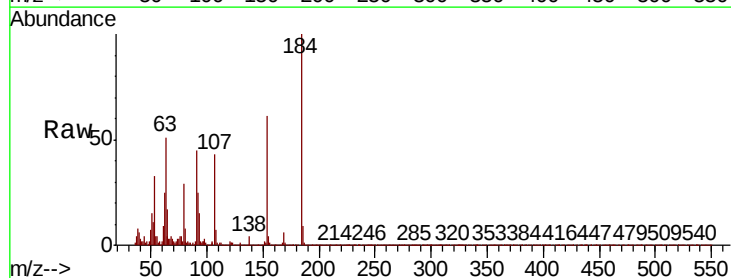
Instrument :
BNA_P
ClientSampled :

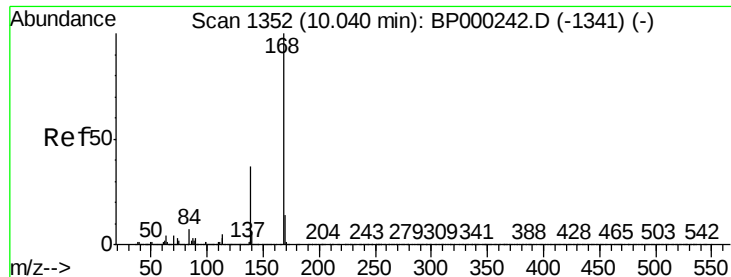
Tot Ion:138 Resp: 254258
Ion Ratio Lower Upper
138 100
108 12.4 9.1 13.7
92 118.0 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 25.806 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion:184 Resp: 83298
Ion Ratio Lower Upper
184 100
63 50.7 39.5 59.3
154 60.8 48.8 73.2





#55

Dibenzofuran

Concen: 22.479 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

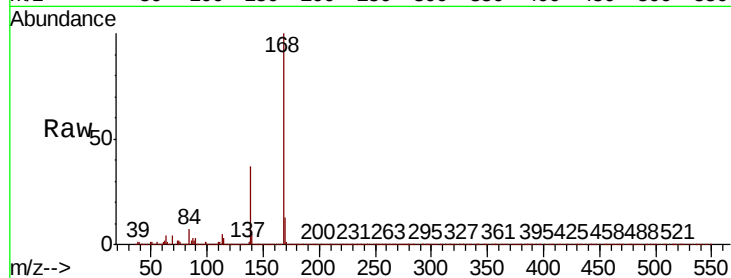
Tot Ion:168 Resp: 1230881

Ion Ratio Lower Upper

168 100

139 36.9 30.0 45.0

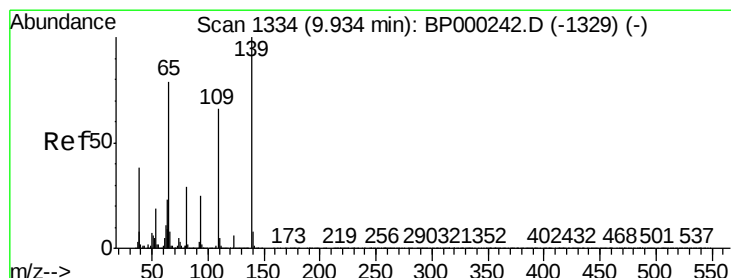
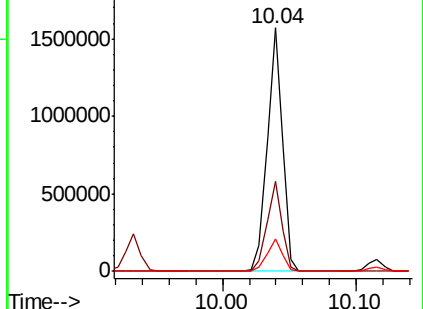
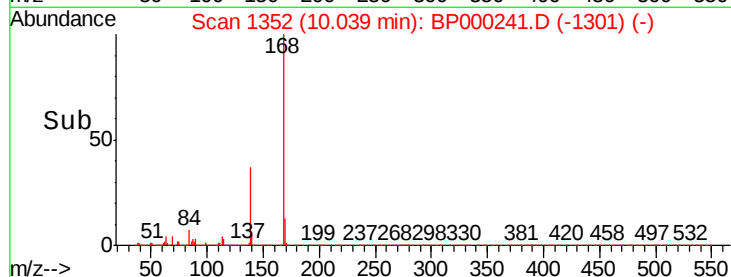
169 13.4 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 21.401 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

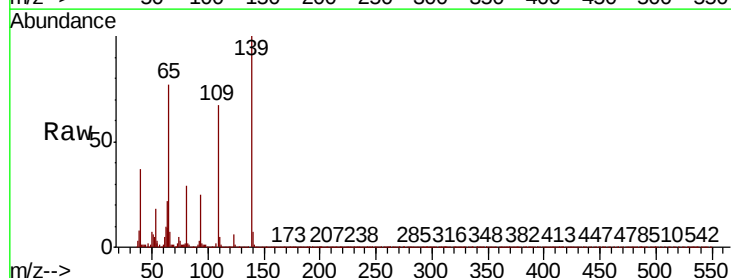
Tgt Ion:139 Resp: 186808

Ion Ratio Lower Upper

139 100

109 67.0 46.2 86.2

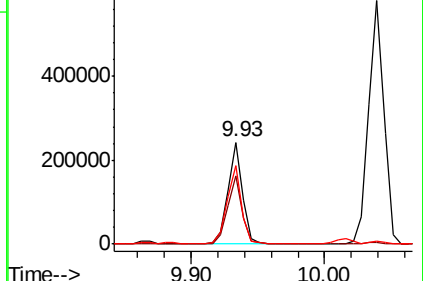
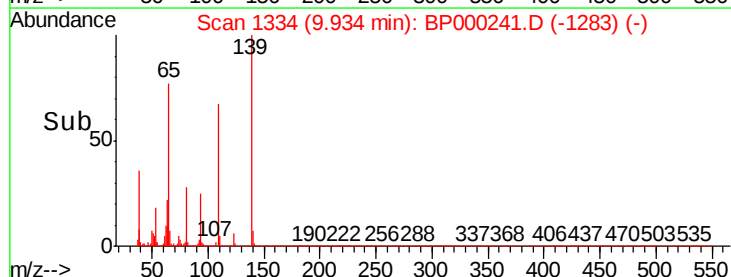
65 77.2 59.4 99.4

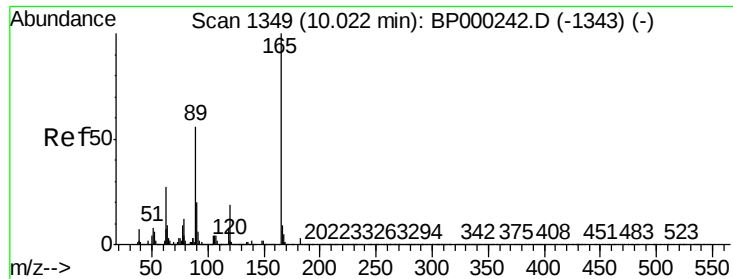


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

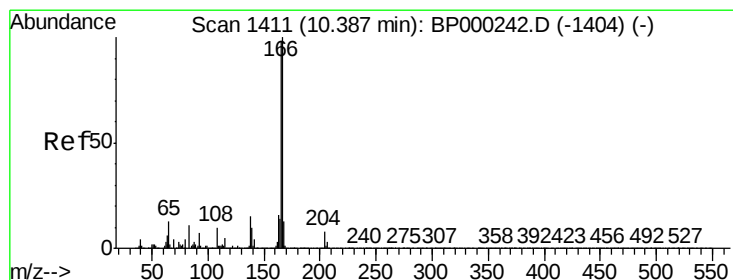
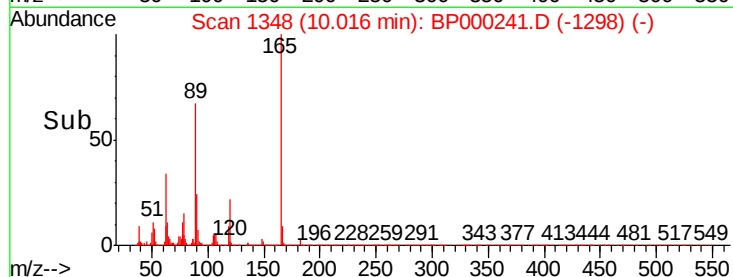
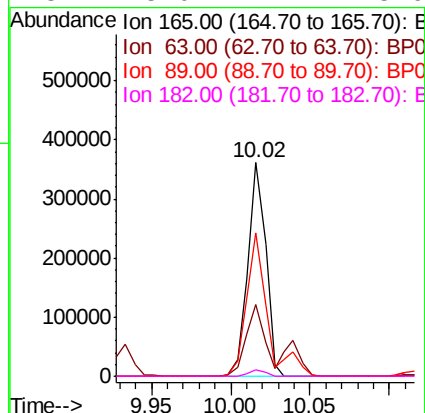
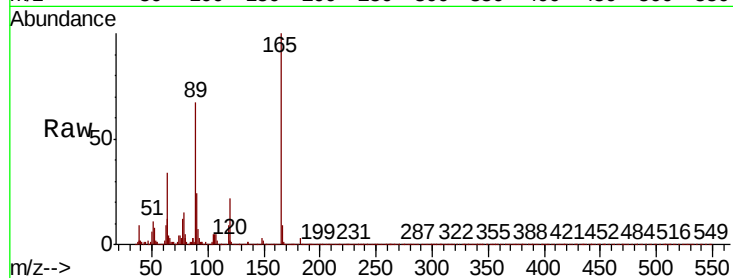




#57
2,4-Dinitrotoluene
Concen: 21.687 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

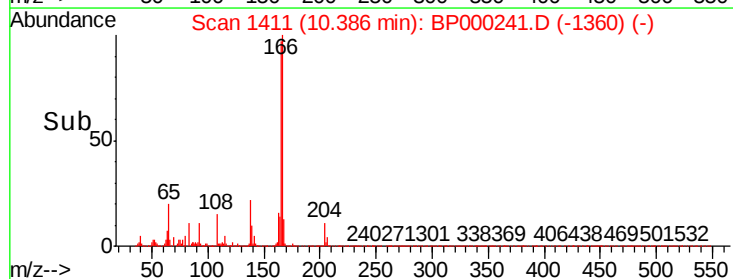
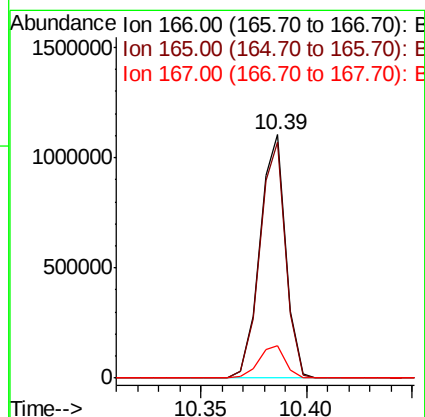
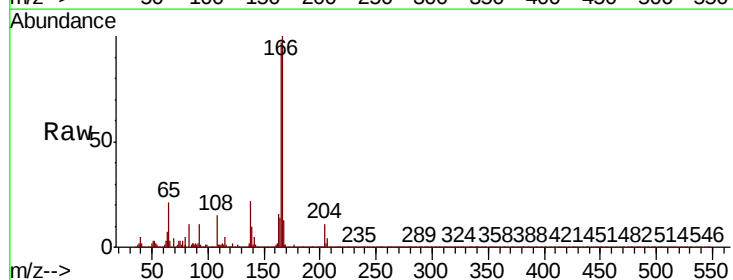
Instrument :
BNA_P
ClientSampleId :

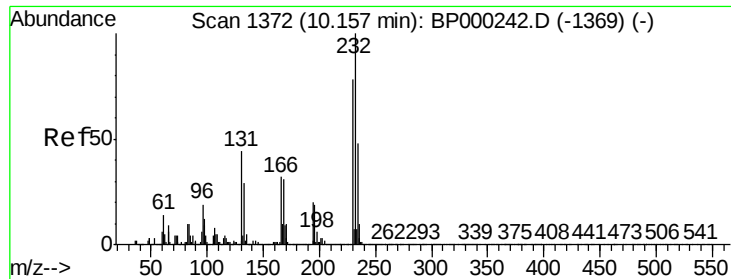
Tot Ion:165	Resp:	283028
Ion Ratio	Lower	Upper
165	100	
63	33.6	21.7 32.5#
89	67.3	45.0 67.6
182	3.0	2.4 3.6



#58
Fluorene
Concen: 22.779 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion:166	Resp:	938756
Ion Ratio	Lower	Upper
166	100	
165	97.0	78.2 117.2
167	13.2	10.7 16.1

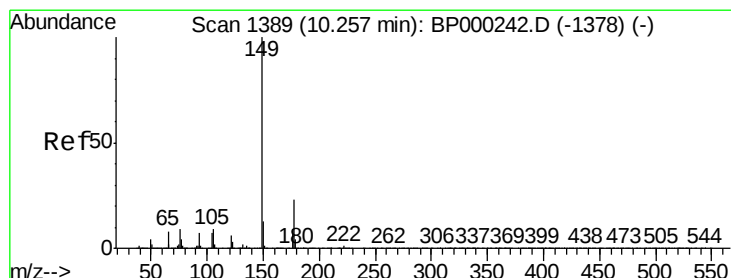
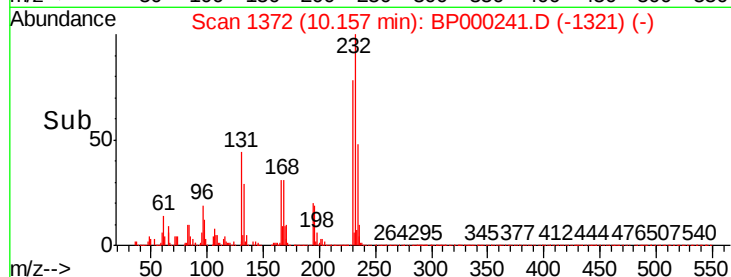
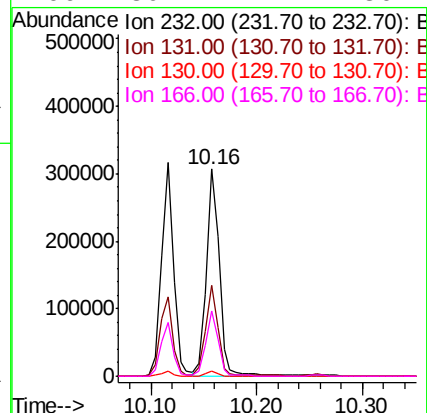
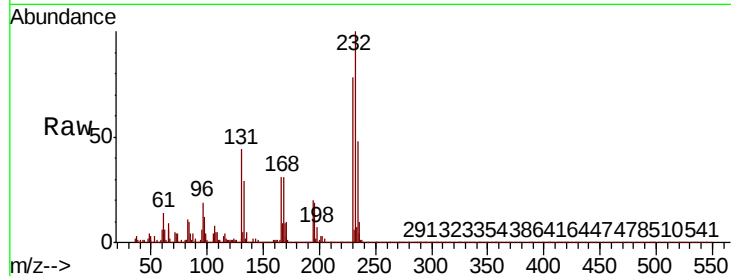




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 23.592 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.00 min
 Lab File: BP000241.D
 Acq: 16 Sep 2019 16:11

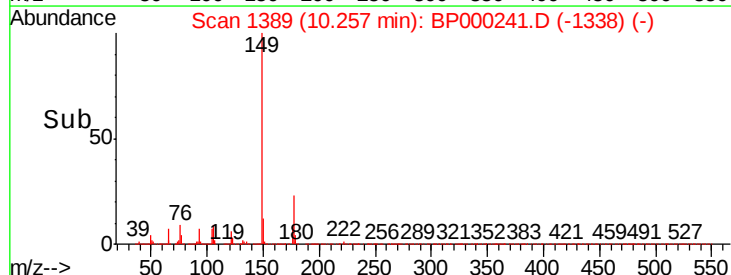
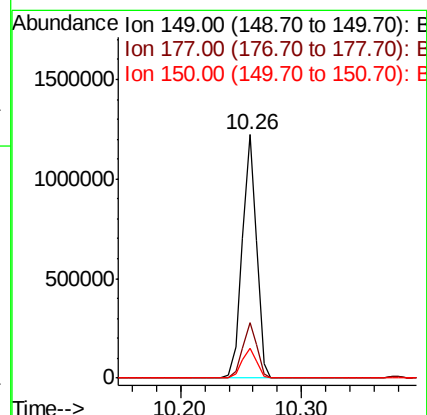
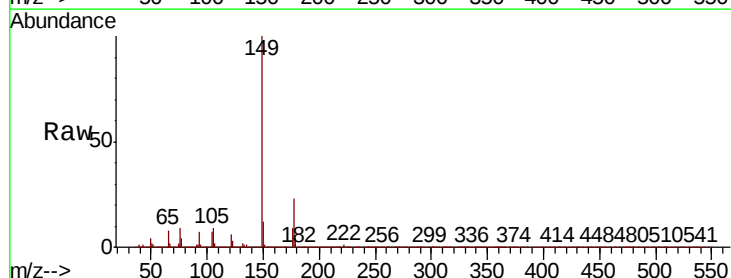
Instrument :
 BNA_P
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.8	33.6	50.4
130	2.2	1.8	2.6
166	30.1	24.2	36.2



#60
 Diethylphthalate
 Concen: 21.000 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BP000241.D
 Acq: 16 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.1	27.1
150	12.5	10.3	15.5

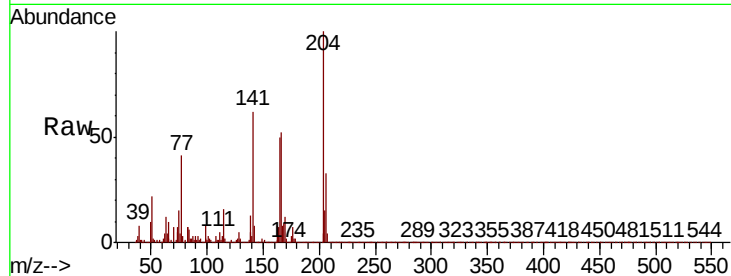




#61
4-Chlorophenyl-phenylether
Concen: 22.646 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	62.3	48.6	72.8

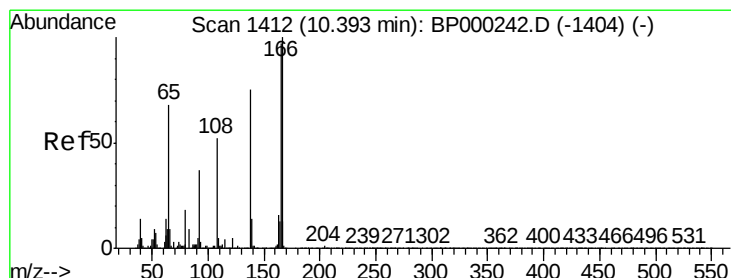
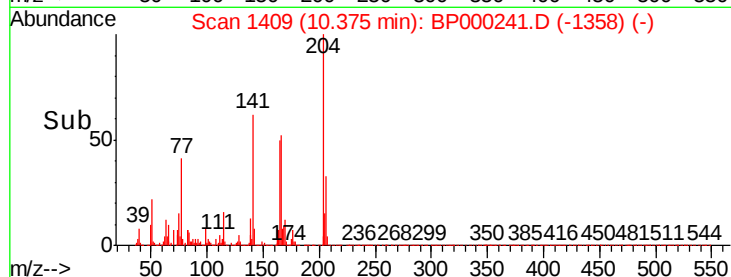
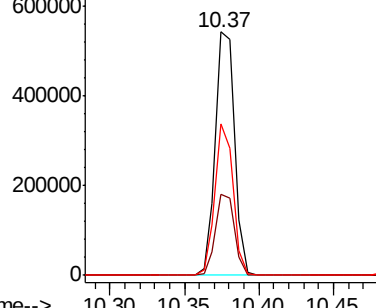


Abundance

Ion 204.00 (203.70 to 204.70): E

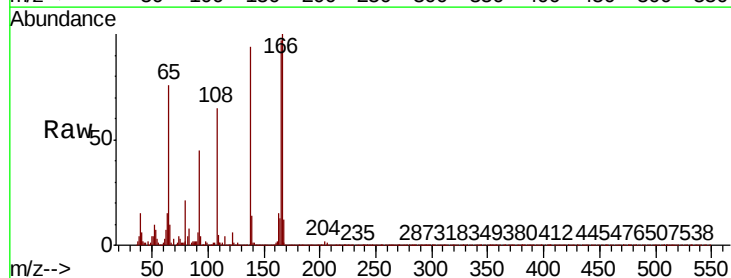
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 21.693 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	30.1	70.1
108	68.6	49.5	89.5

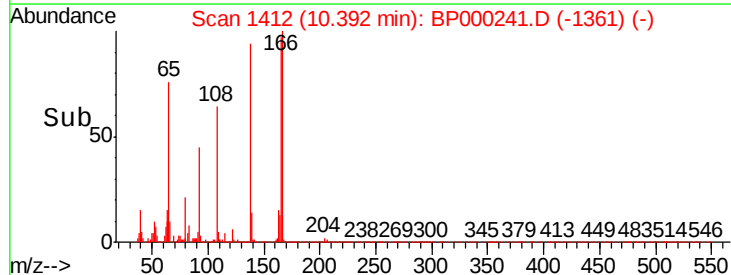
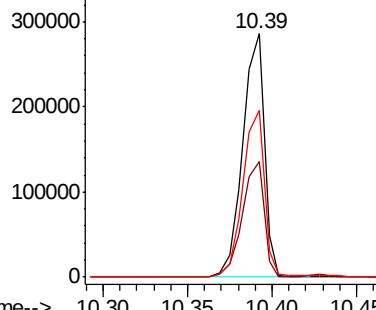


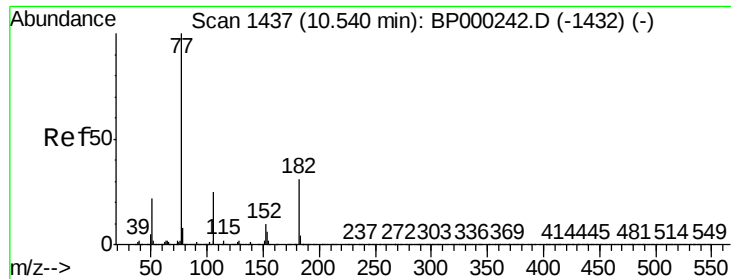
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

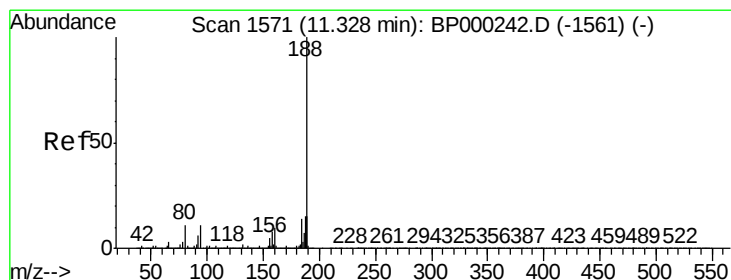
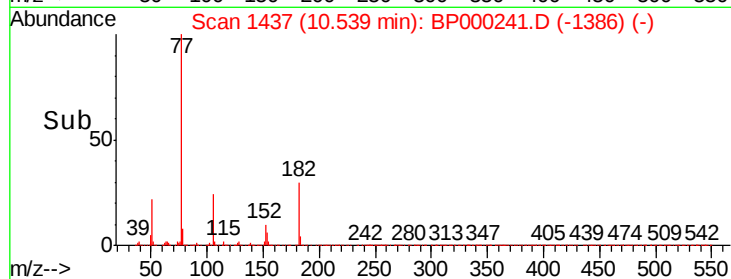
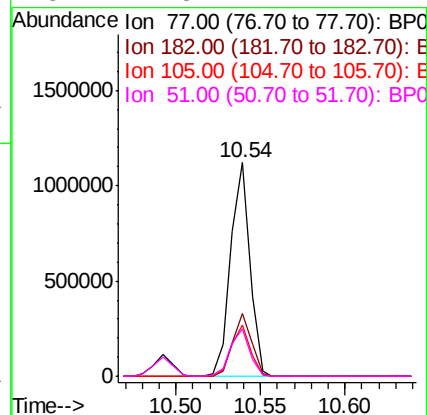
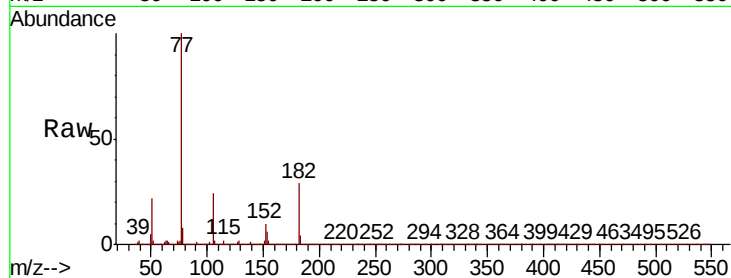




#63
Azobenzene
Concen: 19.149 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

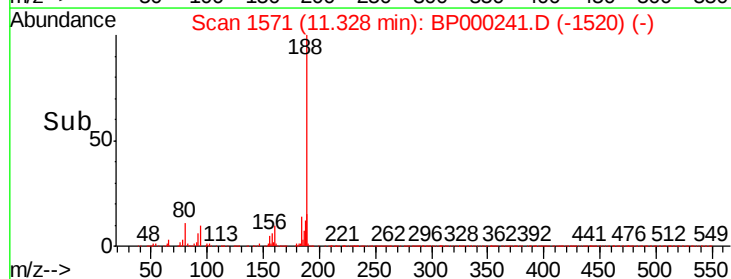
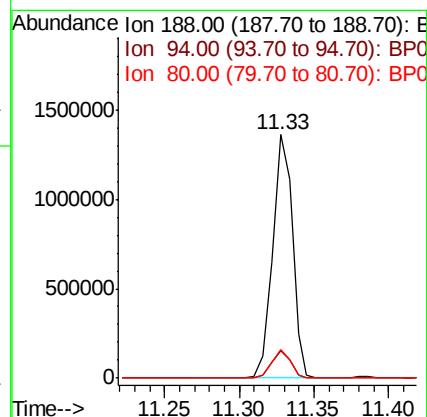
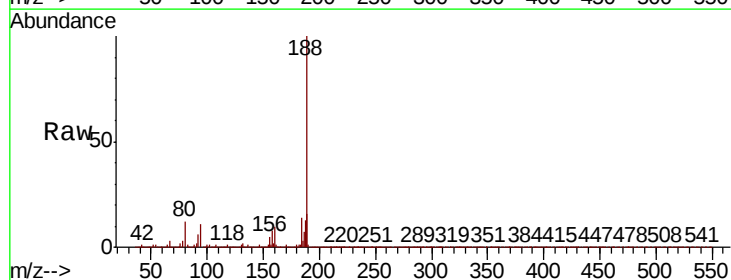
Instrument :
BNA_P
ClientSampleId :

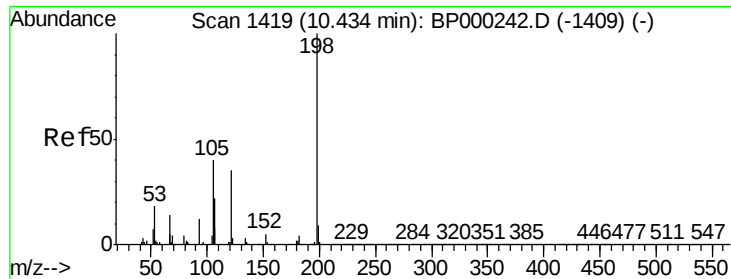
Tot Ion	Ratio	Lower	Upper
77	100		
182	29.5	11.1	51.1
105	24.0	4.7	44.7
51	22.3	2.2	42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	11.5	8.6	13.0

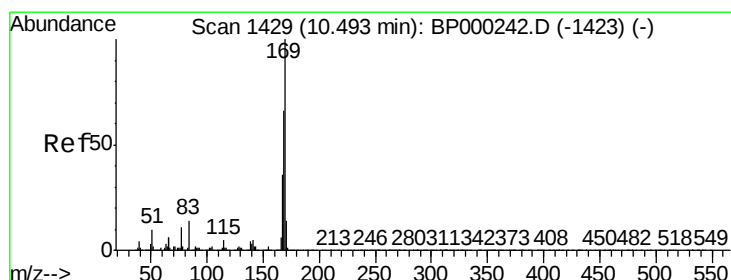
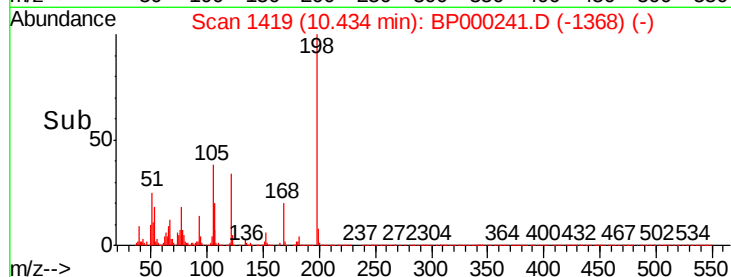
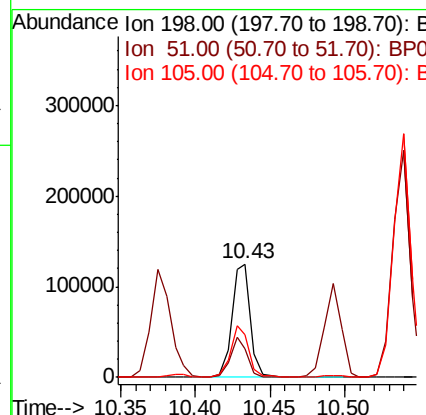
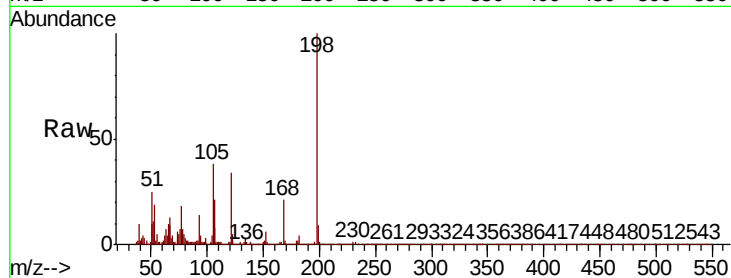




#65
4,6-Dinitro-2-methylphenol
Concen: 24.928 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

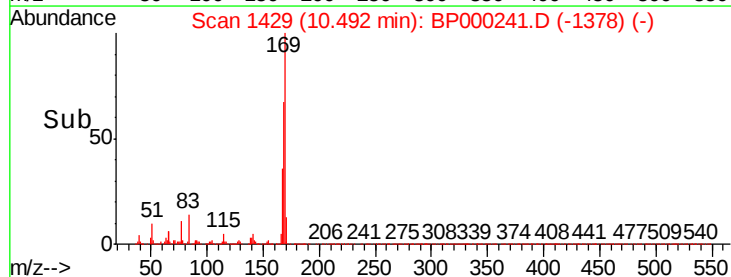
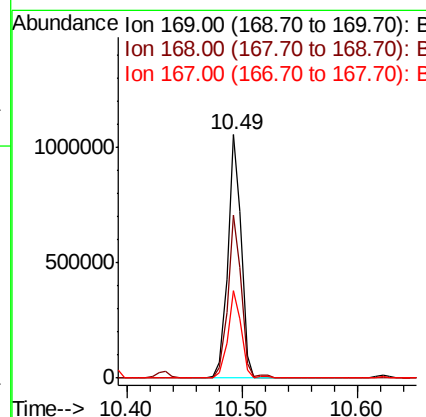
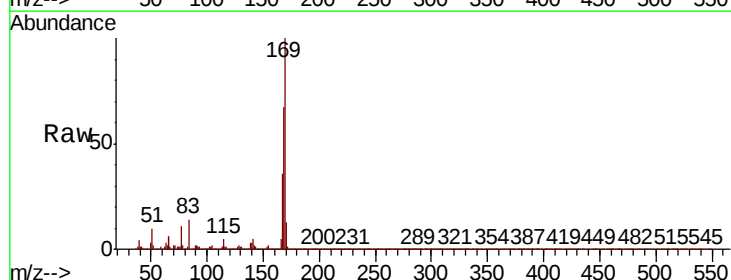
Instrument :
BNA_P
ClientSampleID :

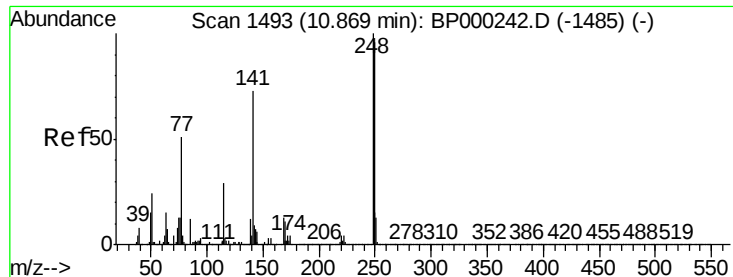
Tot Ion:198 Resp: 110107
Ion Ratio Lower Upper
198 100
51 24.9 7.4 47.4
105 37.8 20.2 60.2



#66
n-Nitrosodiphenylamine
Concen: 22.700 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion:169 Resp: 839056
Ion Ratio Lower Upper
169 100
168 66.7 52.9 79.3
167 35.8 29.0 43.6

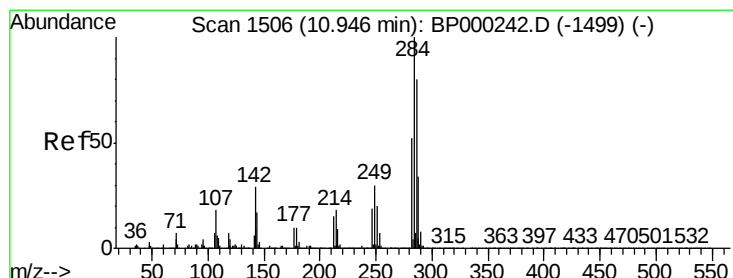
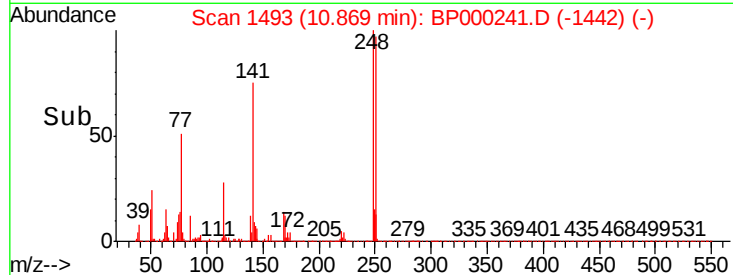
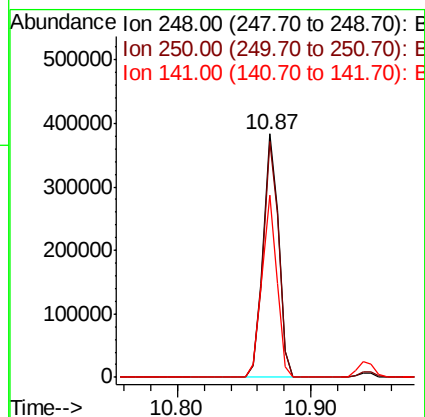
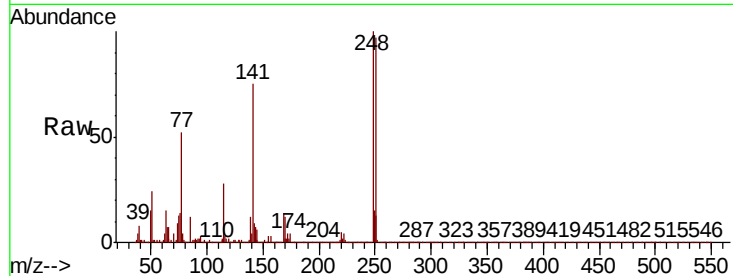




#67
4-Bromophenyl-phenylether
Concen: 23.857 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

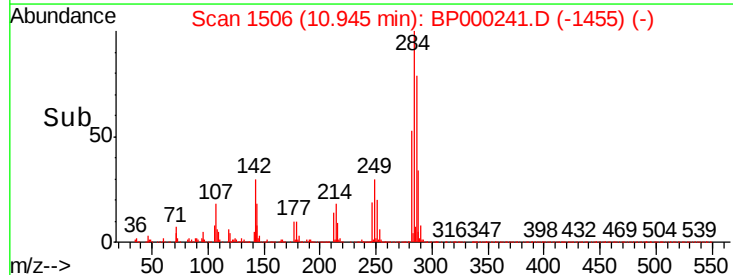
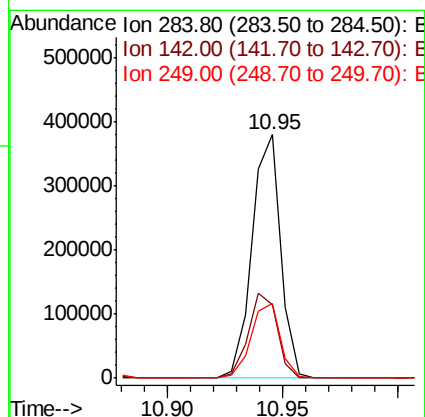
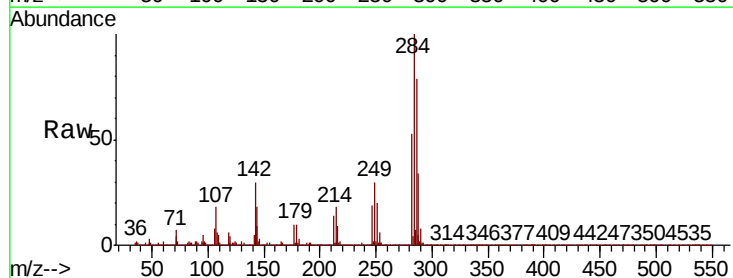
Instrument :
BNA_P
ClientSampleId :

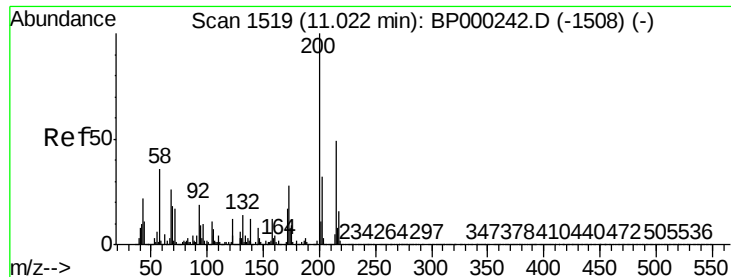
Tot Ion:248 Resp: 301648
Ion Ratio Lower Upper
248 100
250 97.2 77.0 115.4
141 74.7 58.5 87.7



#68
Hexachlorobenzene
Concen: 23.937 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion:284 Resp: 329783
Ion Ratio Lower Upper
284 100
142 30.4 23.6 35.4
249 30.4 24.3 36.5

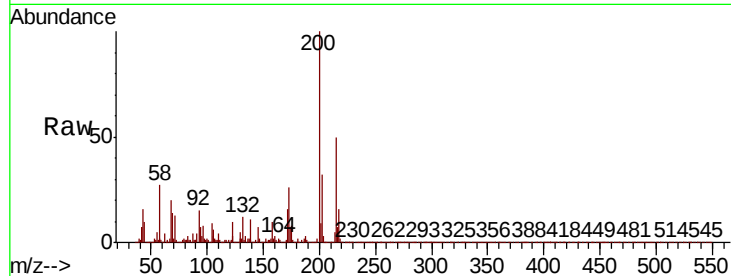




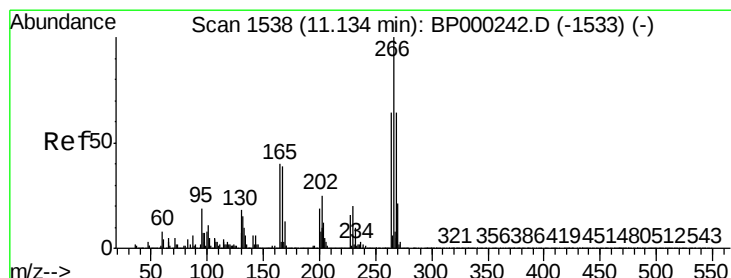
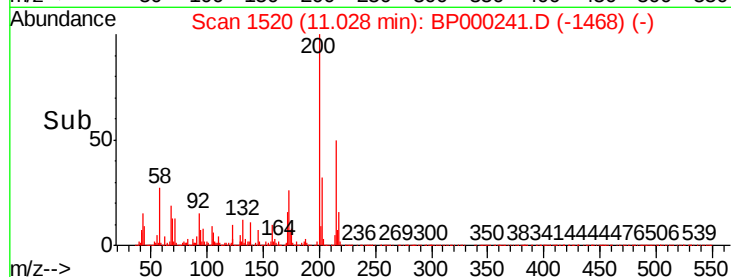
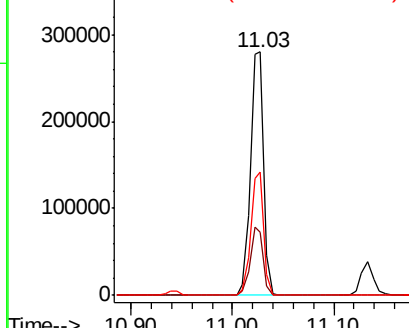
#69
Atrazine
Concen: 23.434 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Instrument :
BNA_P
ClientSampleId :

Tot Ion:200 Resp: 252021
Ion Ratio Lower Upper
200 100
173 25.8 7.6 47.6
215 50.5 28.6 68.6

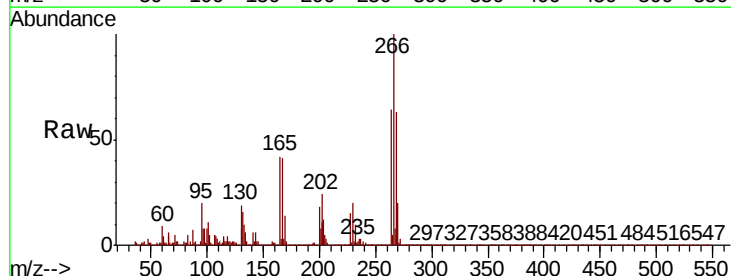


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

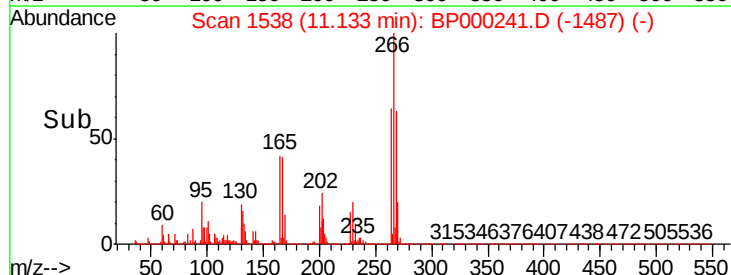
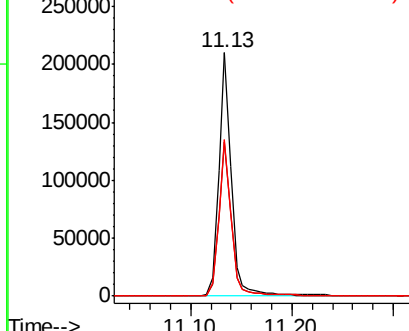


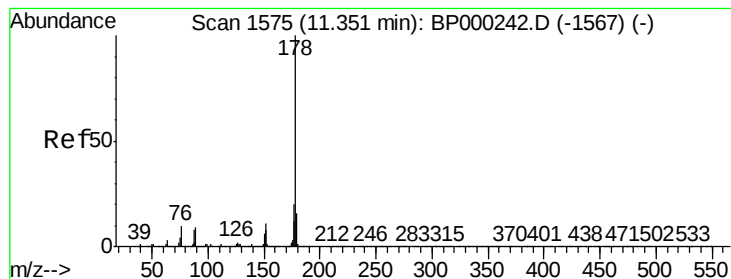
#70
Pentachlorophenol
Concen: 24.275 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion:266 Resp: 181215
Ion Ratio Lower Upper
266 100
268 63.1 51.6 77.4
264 64.4 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: 22.948 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

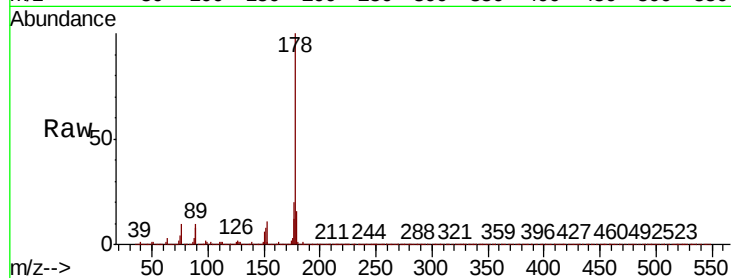
Tot Ion:178 Resp: 1423012

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

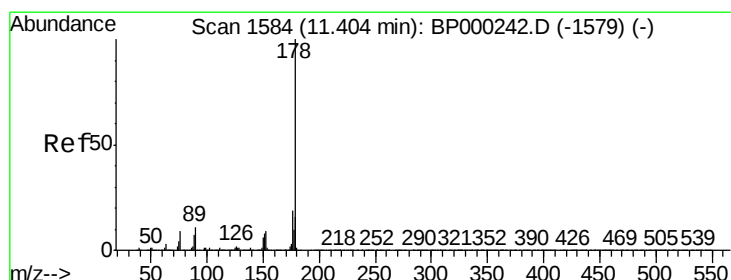
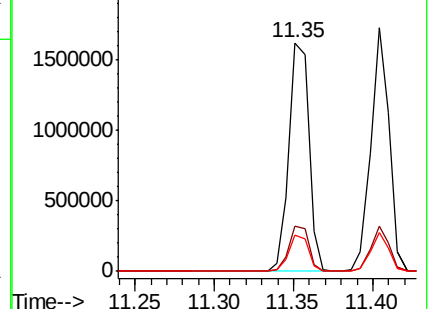
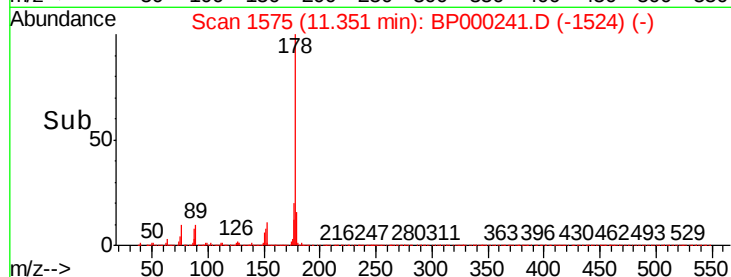
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 22.998 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

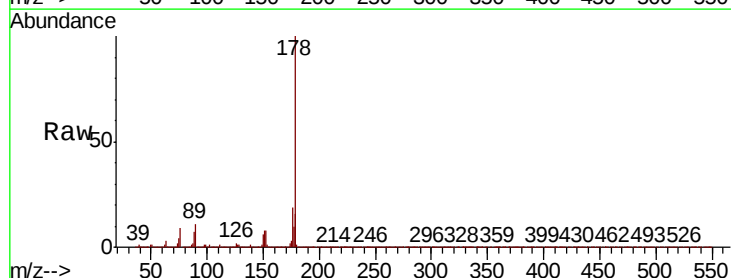
Tgt Ion:178 Resp: 1408773

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

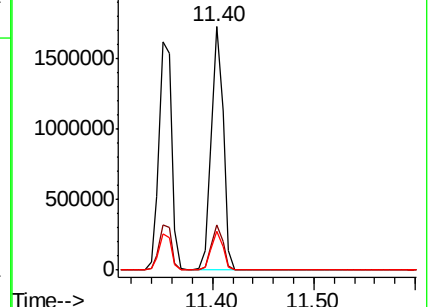
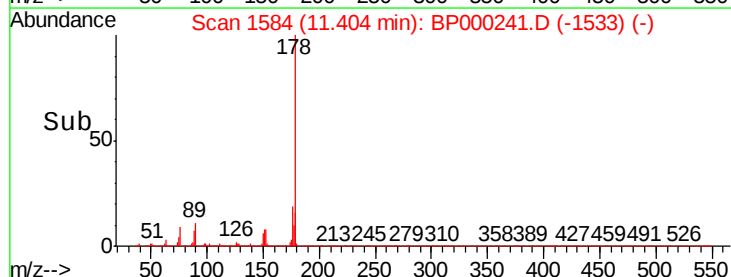
179 15.8 12.7 19.1

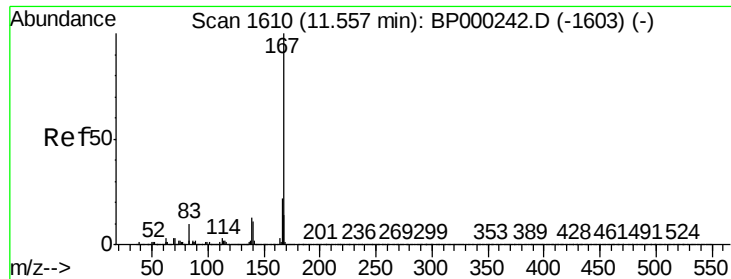


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

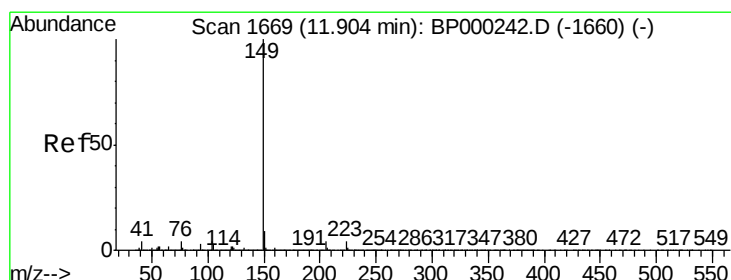
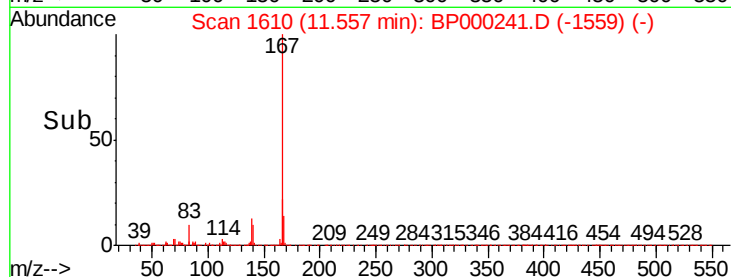
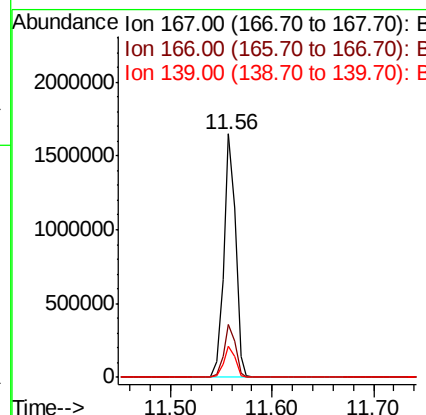
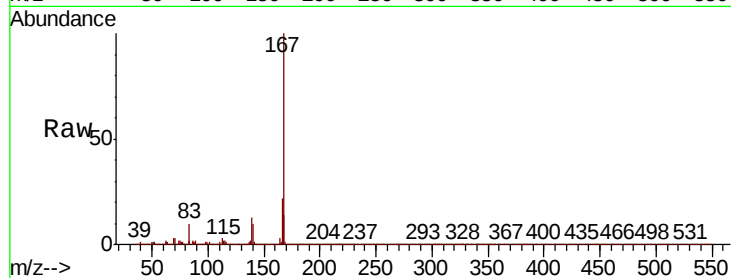




#73
 Carbazole
 Concen: 22.813 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BP000241.D
 Acq: 16 Sep 2019 16:11

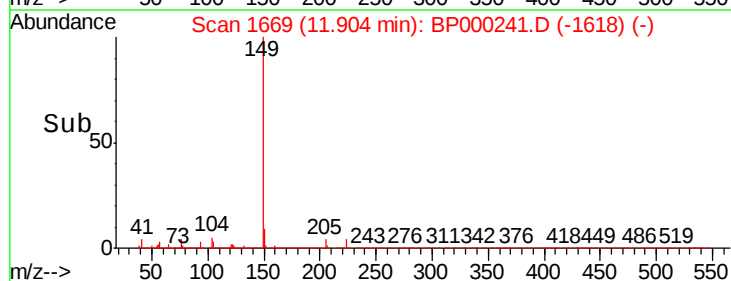
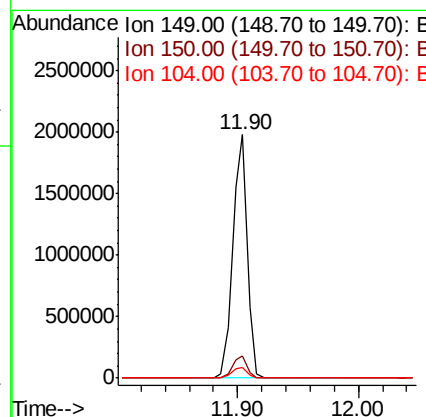
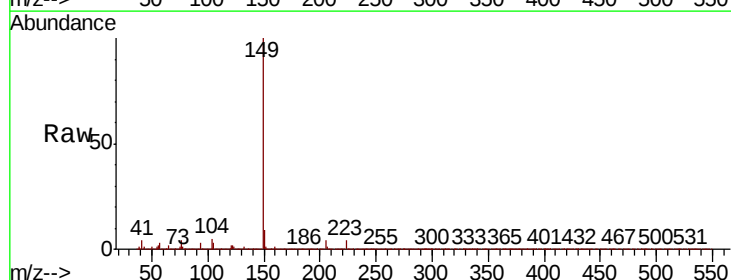
Instrument :
 BNA_P
 ClientSampleId :

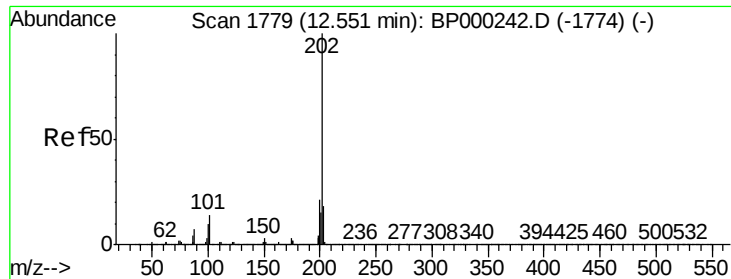
Tot Ion:167 Resp: 1319076
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.0 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 23.076 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BP000241.D
 Acq: 16 Sep 2019 16:11

Tgt Ion:149 Resp: 1617885
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.6 3.5 5.3





#75

Fluoranthene

Concen: 22.290 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

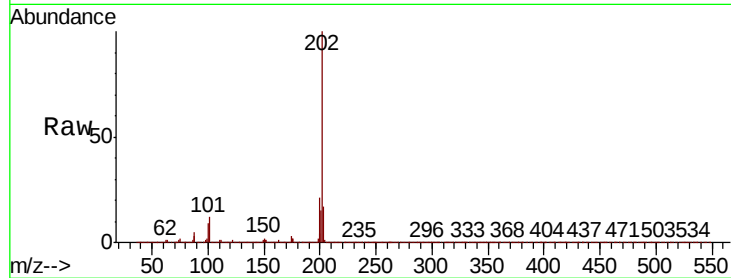
Tot Ion:202 Resp: 1502033

Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.9

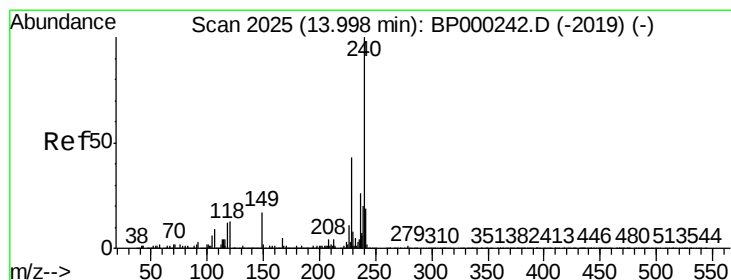
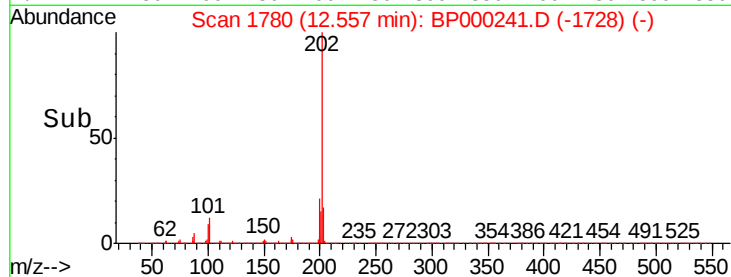
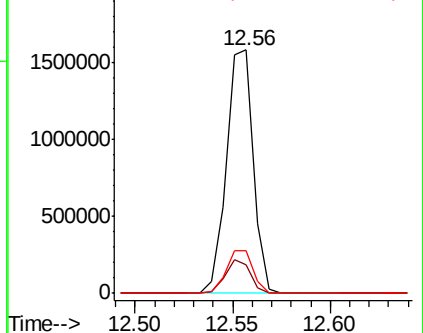
203 17.5 0.0 38.0



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# 2026

Delta R.T. 0.01 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

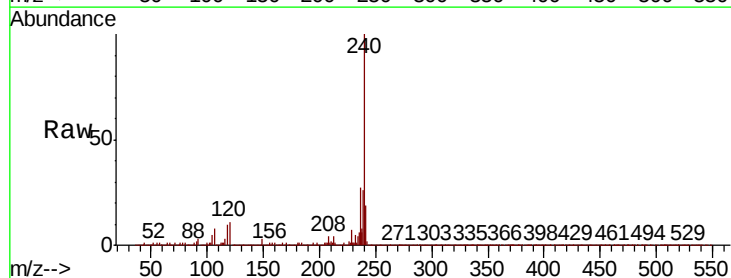
Tgt Ion:240 Resp: 948008

Ion Ratio Lower Upper

240 100

120 11.2 10.4 15.6

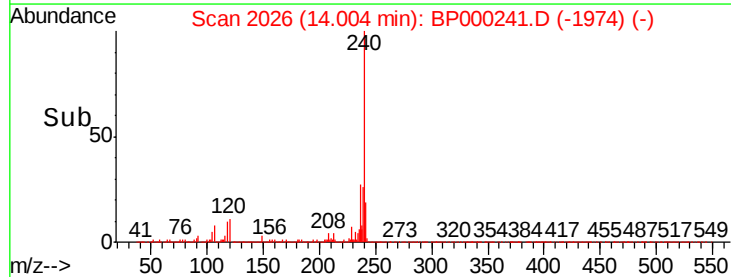
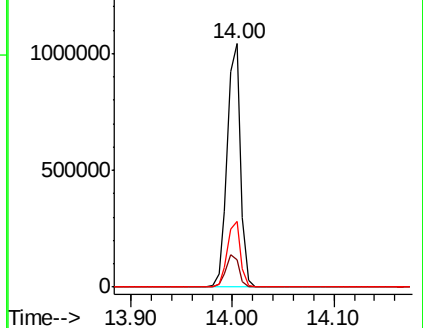
236 26.7 21.0 31.6

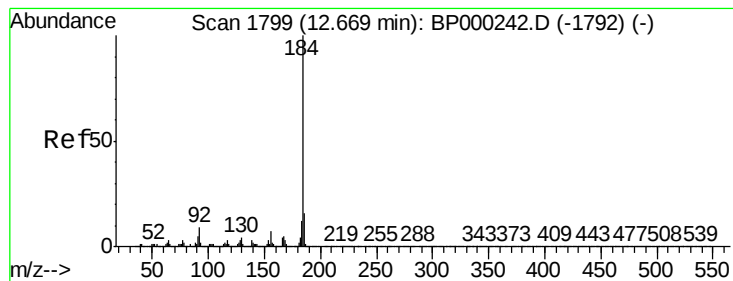


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.176 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

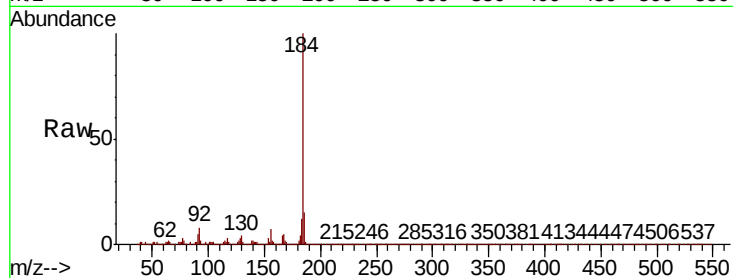
Tot Ion:184 Resp: 758056

Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.7	19.1
183	12.0	9.5	14.3

184 100

185 14.7 12.7 19.1

183 12.0 9.5 14.3

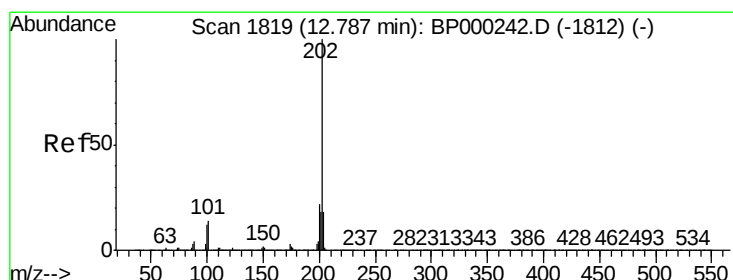
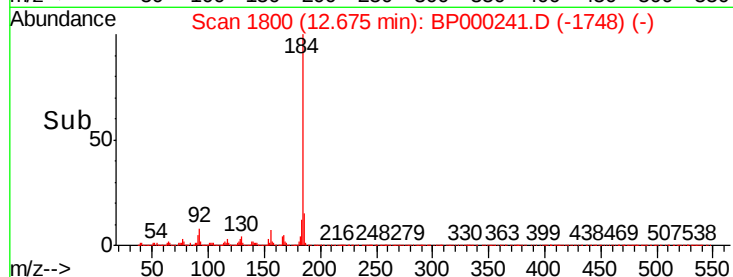
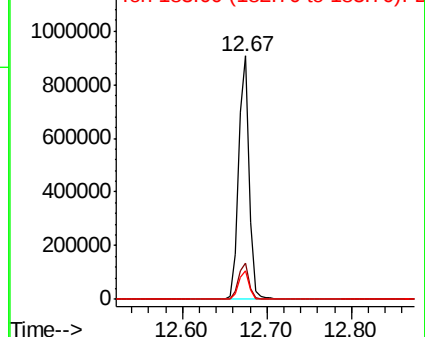


Abundance

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: 22.154 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

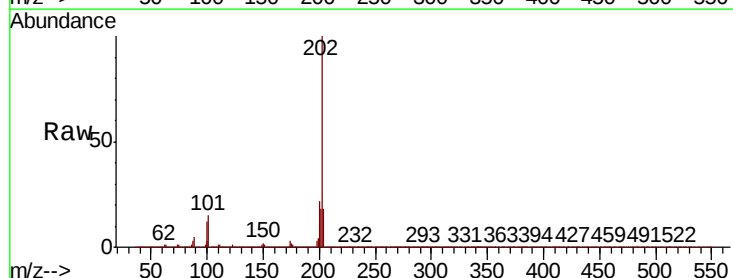
Tgt Ion:202 Resp: 1545081

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	17.6	14.3	21.5

202 100

200 21.8 17.5 26.3

203 17.6 14.3 21.5

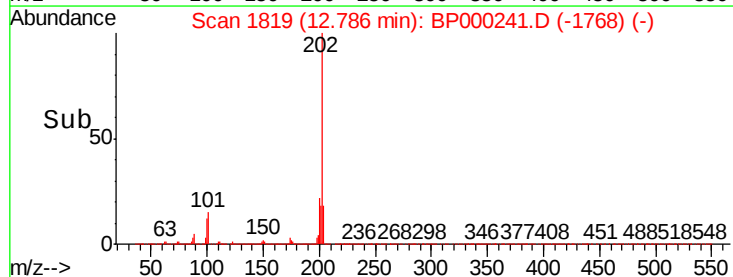
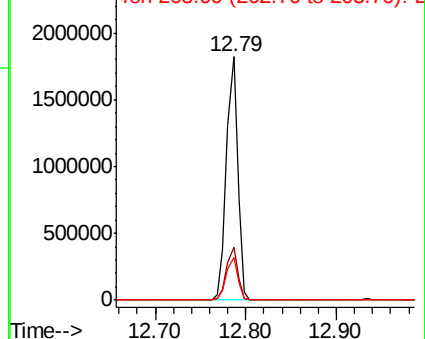


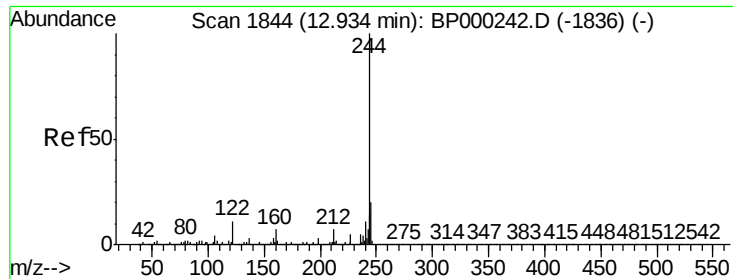
Abundance

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: 48.100 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

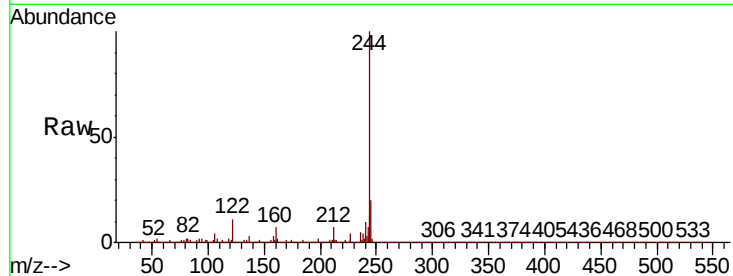
Tot Ion:244 Resp: 2092094

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

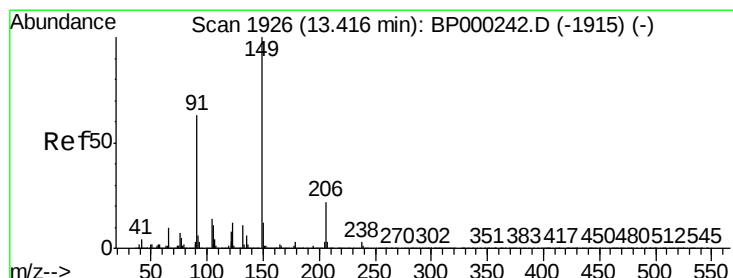
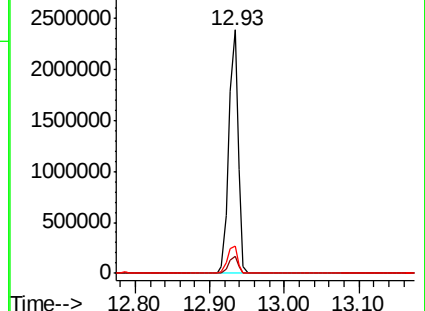
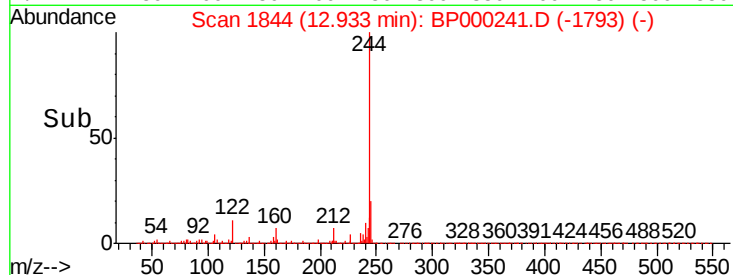
122 11.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 21.983 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

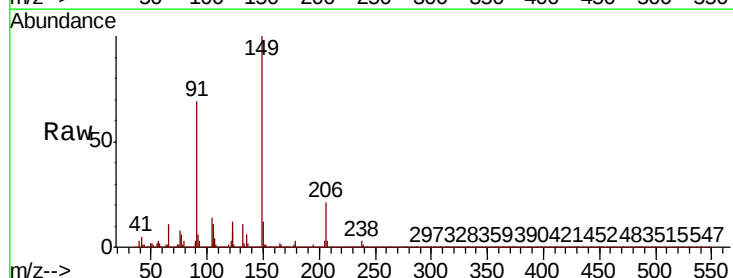
Tgt Ion:149 Resp: 683097

Ion Ratio Lower Upper

149 100

91 68.5 50.6 76.0

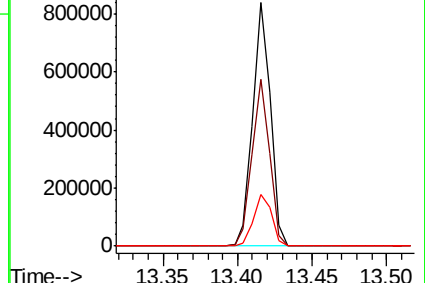
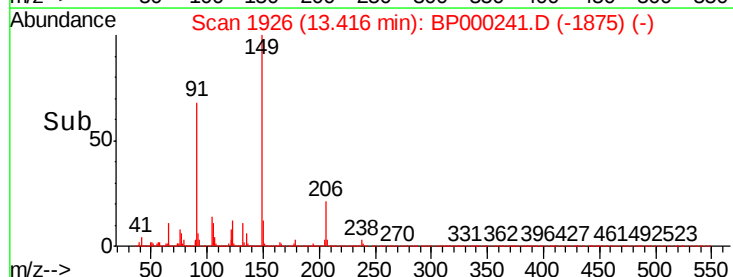
206 21.2 17.8 26.6

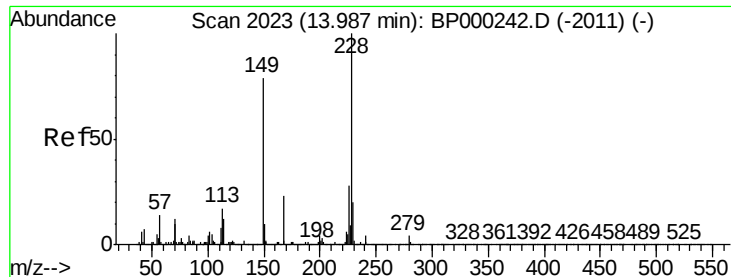


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

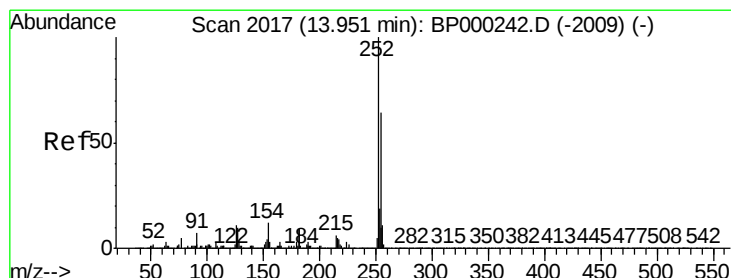
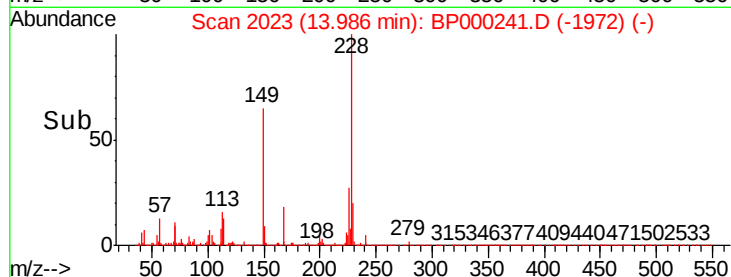
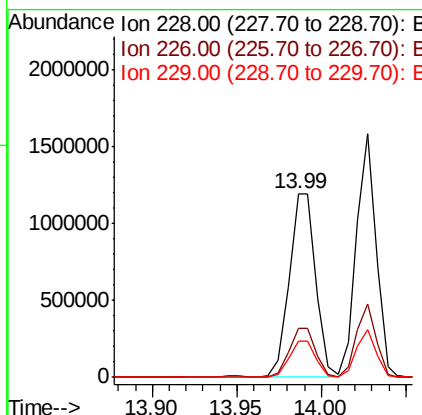
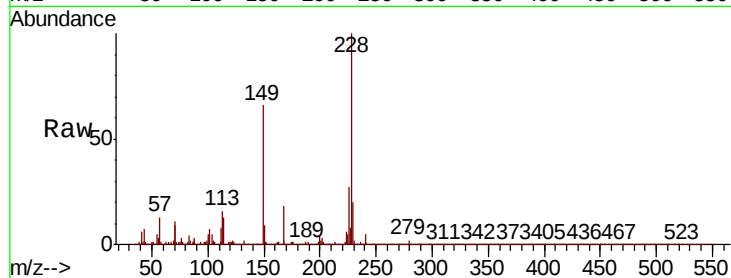




#81
Benzo(a)anthracene
Concen: 21.184 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

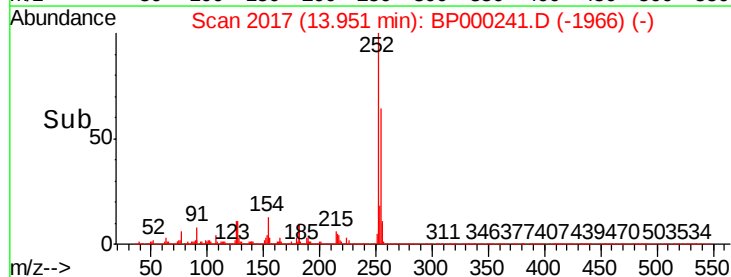
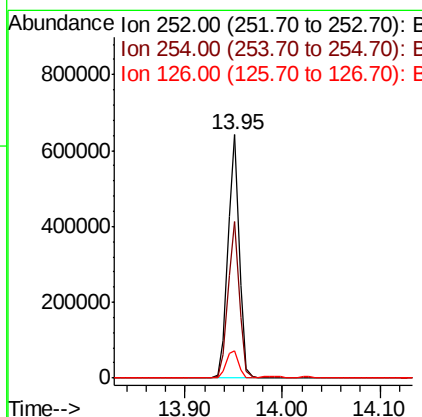
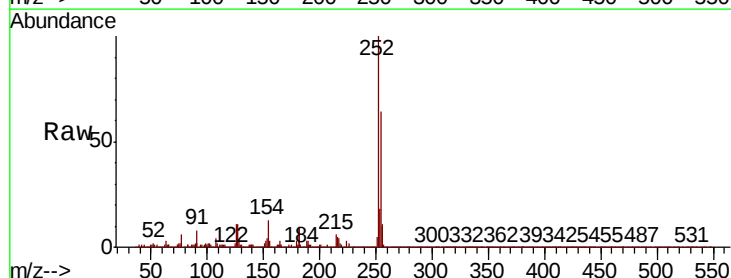
Instrument :
BNA_P
ClientSampleId :

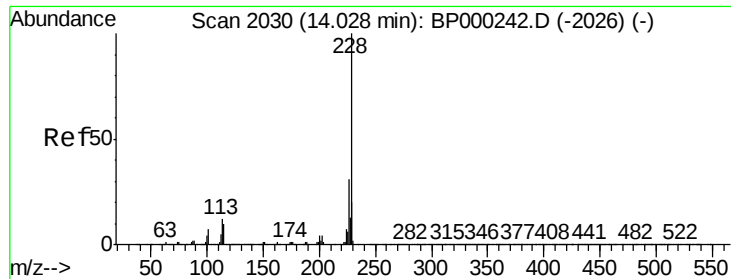
Tot Ion:228 Resp: 1301375
Ion Ratio Lower Upper
228 100
226 26.9 22.2 33.4
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 22.750 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion:252 Resp: 515569
Ion Ratio Lower Upper
252 100
254 64.4 51.5 77.3
126 11.3 8.4 12.6





#83

Chrysene

Concen: 22.039 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

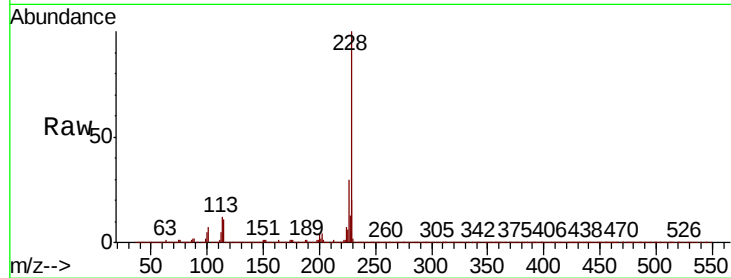
Tot Ion:228 Resp: 1280566

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	19.9	16.2	24.2

228 100

226 30.0 24.9 37.3

229 19.9 16.2 24.2

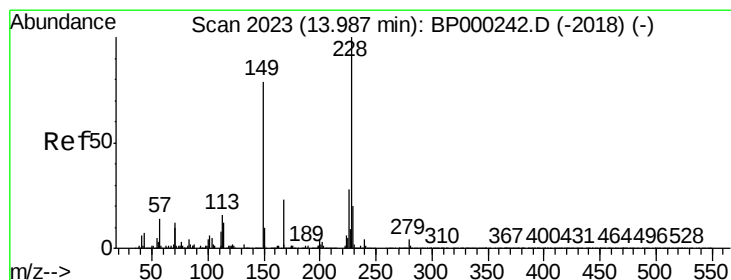
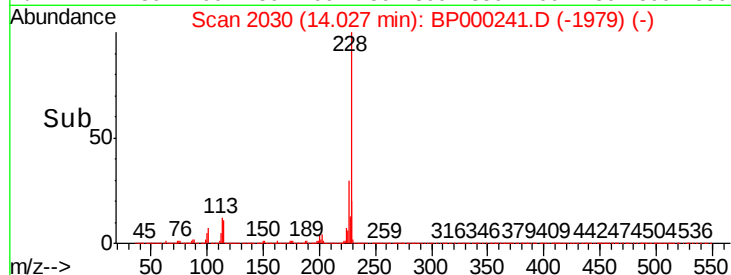
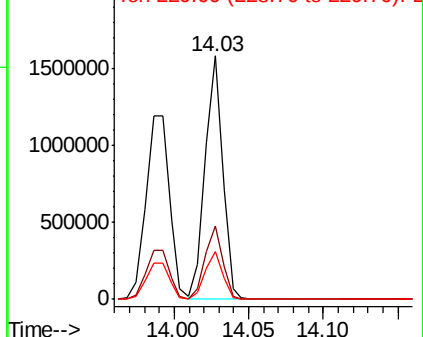


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.293 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

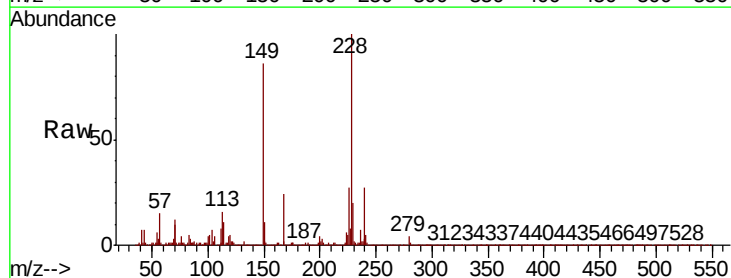
Tgt Ion:149 Resp: 861076

Ion	Ratio	Lower	Upper
149	100		
167	28.0	23.0	34.4
279	4.9	3.7	5.5

149 100

167 28.0 23.0 34.4

279 4.9 3.7 5.5

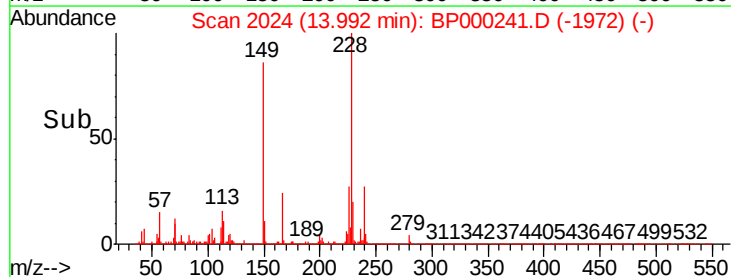
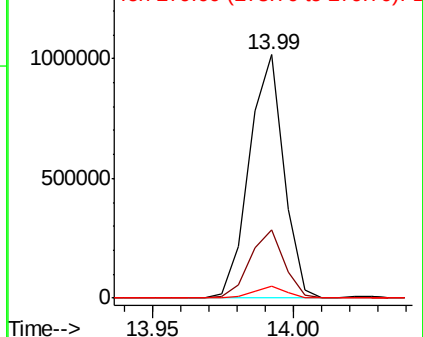


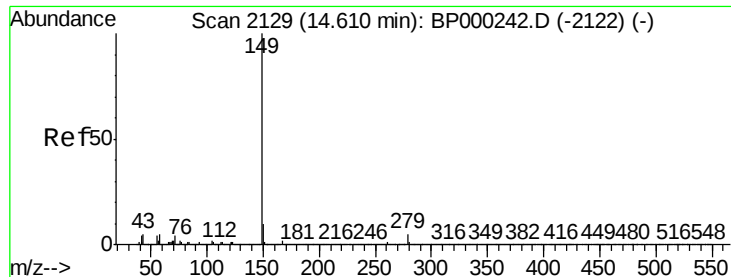
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 21.259 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

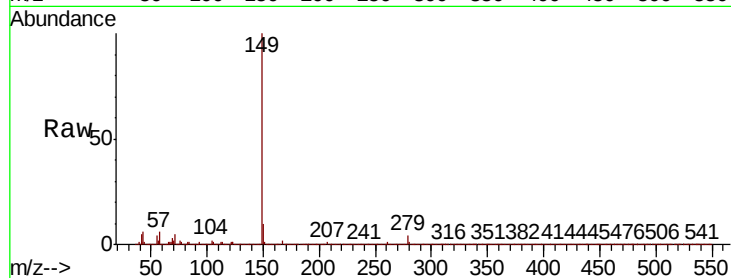
Tot Ion:149 Resp: 1514954

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

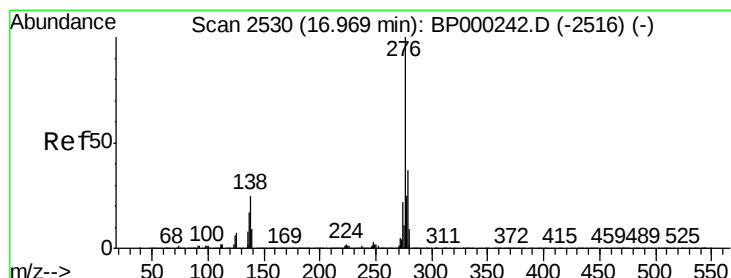
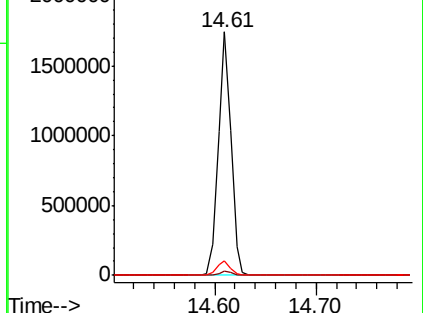
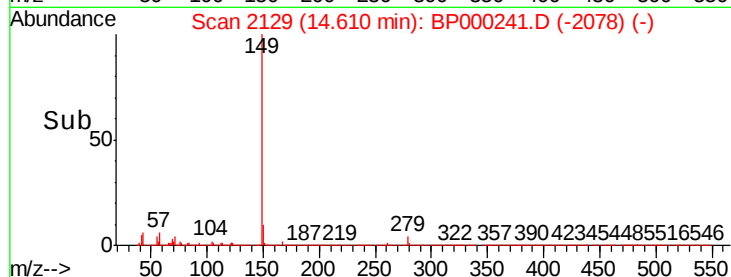
43 6.0 5.0 7.6



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: 18.458 ng

RT: 16.97 min Scan# 2530

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

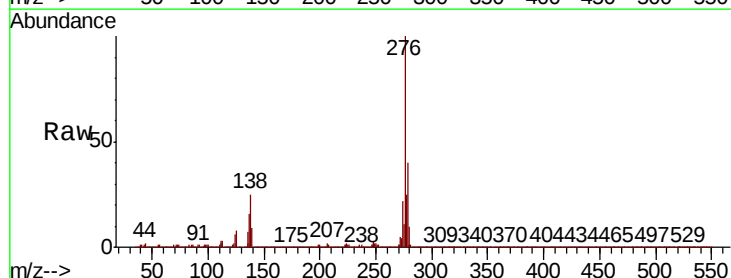
Tgt Ion:276 Resp: 1343915

Ion Ratio Lower Upper

276 100

138 27.8 22.6 33.8

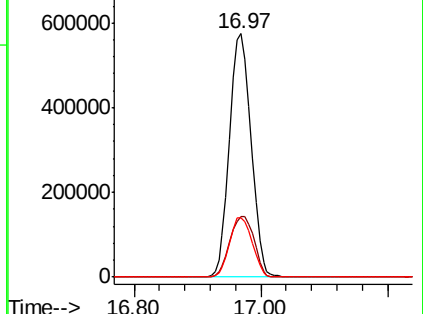
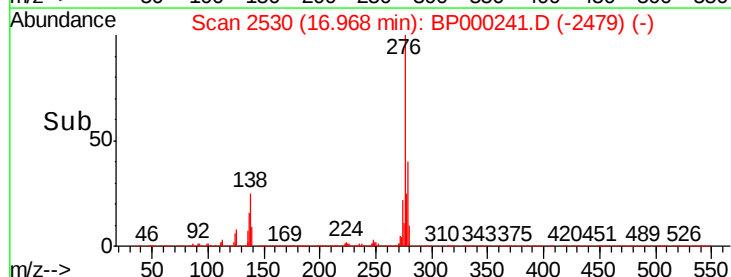
277 25.6 20.4 30.6

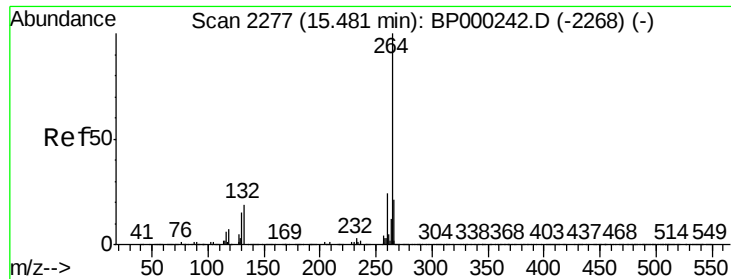


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. 0.01 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Instrument :

BNA_P

ClientSampleId :

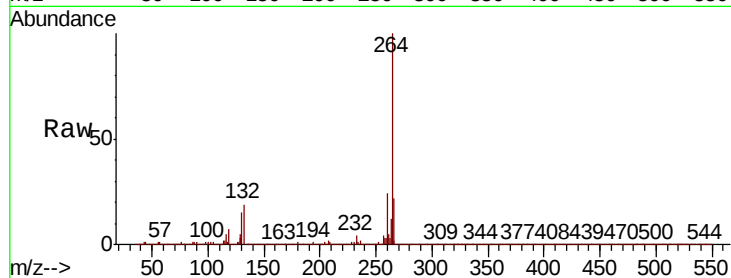
Tot Ion:264 Resp: 1090623

Ion Ratio Lower Upper

264 100

260 23.9 18.9 28.3

265 21.5 17.2 25.8

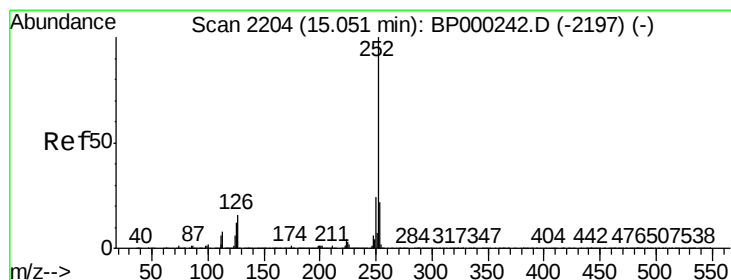
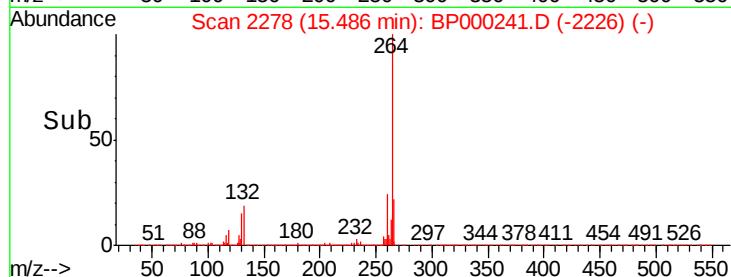
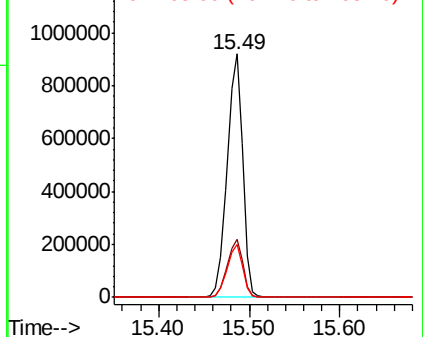


Abundance

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: 19.916 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

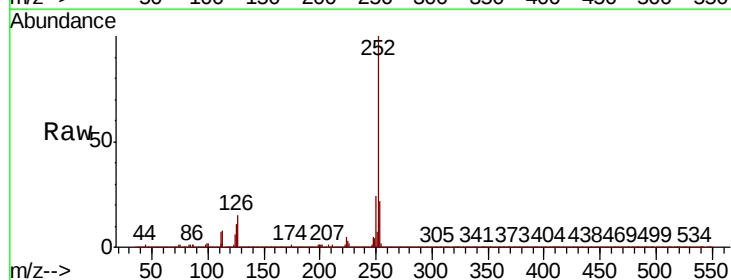
Tgt Ion:252 Resp: 1326760

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 11.5 9.5 14.3

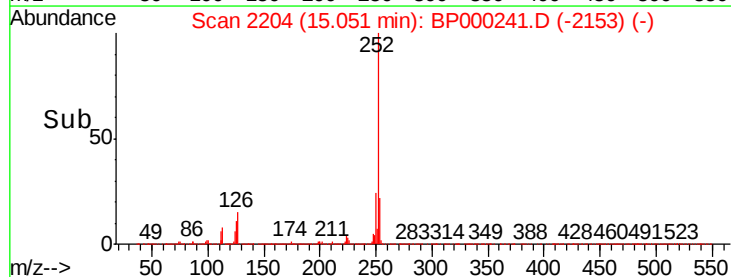
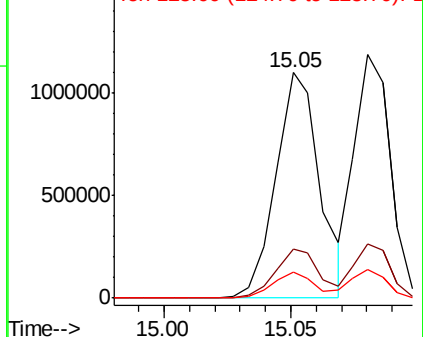


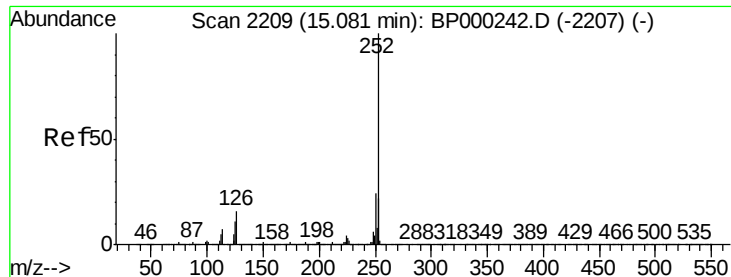
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

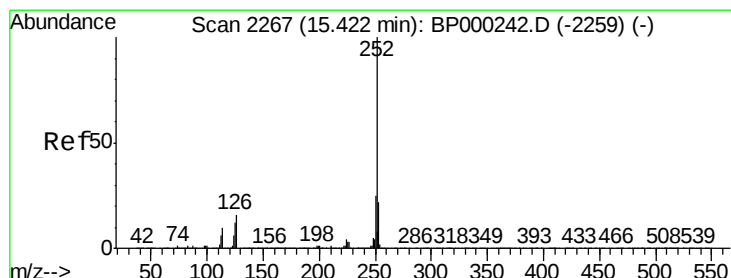
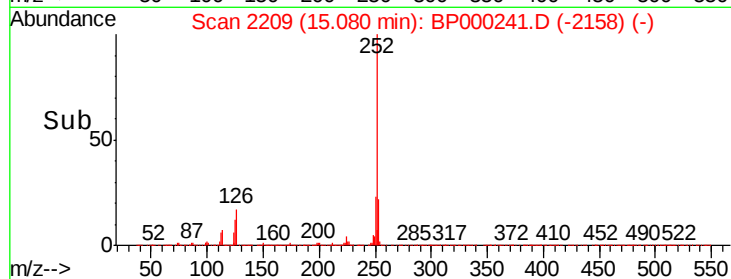
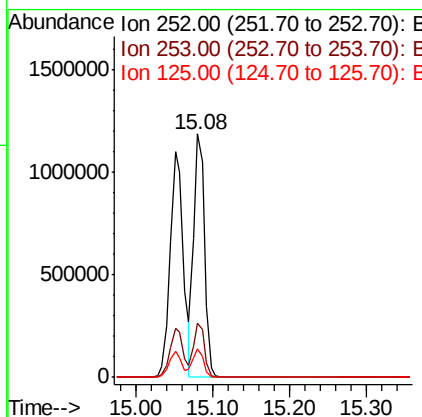
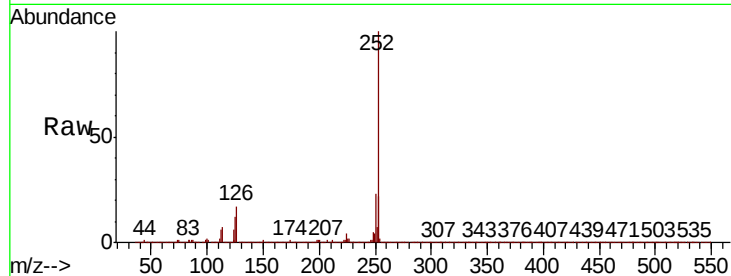




#89
Benzo(k)fluoranthene
Concen: 19.316 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

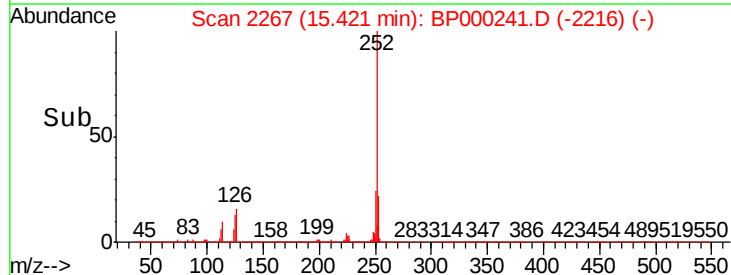
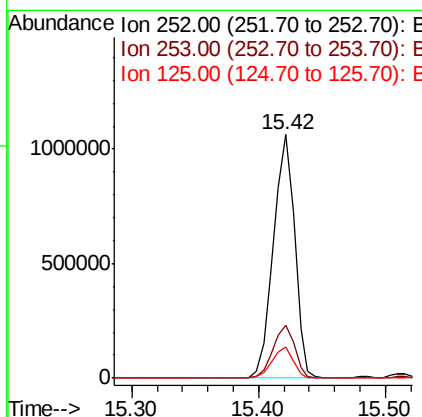
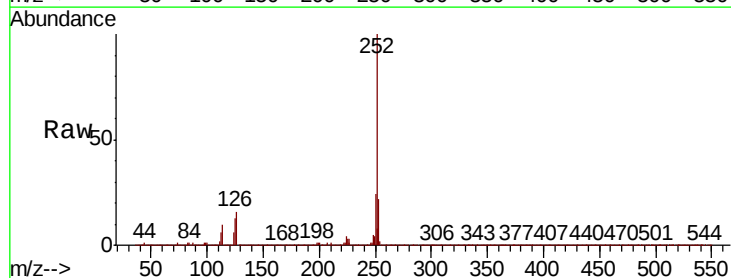
Instrument :
BNA_P
ClientSampleId :

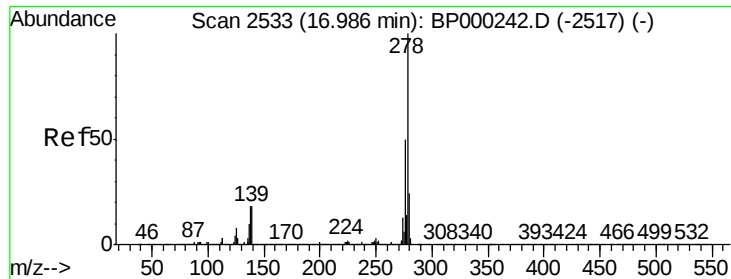
Tot Ion:252 Resp: 1177555
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.8 9.6 14.4



#90
Benzo(a)pyrene
Concen: 20.590 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BP000241.D
Acq: 16 Sep 2019 16:11

Tgt Ion:252 Resp: 1238164
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 12.6 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 18.150 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

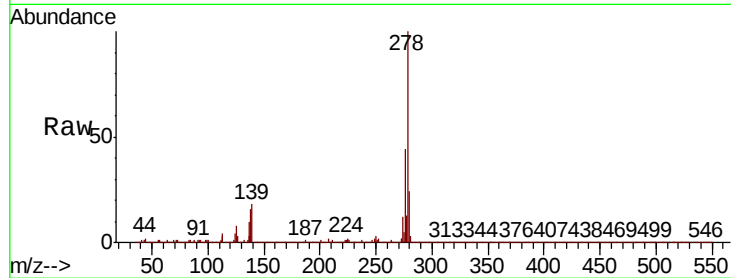
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 1091504

Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.5	21.7
279	23.5	19.0	28.6

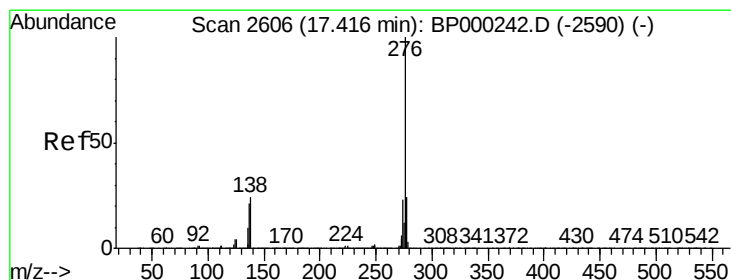
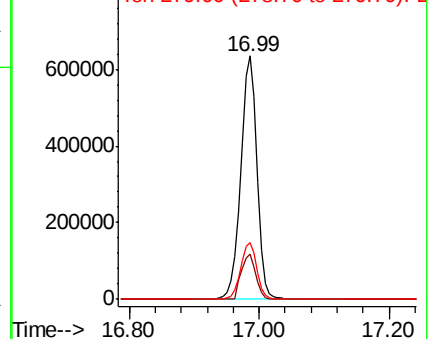
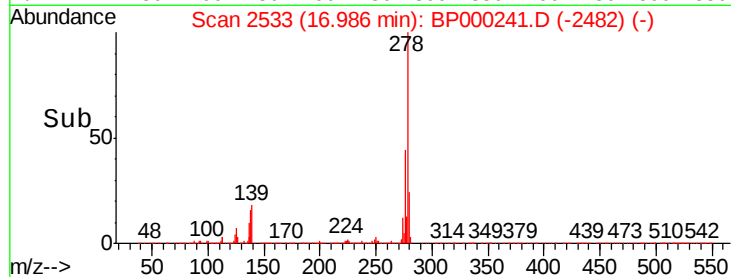


Abundance

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: 17.714 ng

RT: 17.42 min Scan# 2606

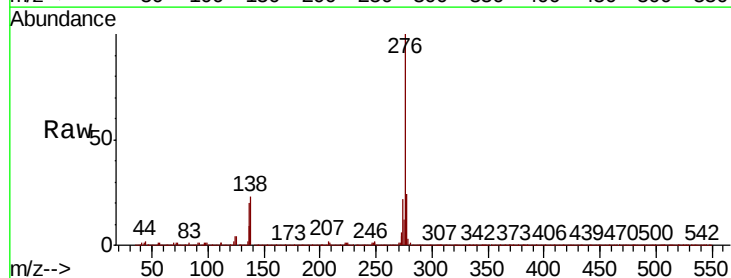
Delta R.T. -0.00 min

Lab File: BP000241.D

Acq: 16 Sep 2019 16:11

Tgt Ion:276 Resp: 1054360

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	22.9	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

