

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000247.D
 Acq On : 16 Sep 2019 19:23
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 17 06:10:28 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 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	284019	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1071008	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	580820	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1029951	20.00	ng	0.00
76) Chrysene-d12	14.00	240	786208	20.00	ng	0.00
87) Perylene-d12	15.47	264	930408	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1395587	84.83	ng	0.00
7) Phenol-d6	6.42	99	1702292	84.41	ng	0.00
23) Nitrobenzene-d5	7.35	82	1418929	85.48	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	501766	87.10	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2920500	90.50	ng	0.00
79) Terphenyl-d14	12.93	244	3255094	86.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	299988	40.407	ng	98
3) Pyridine	3.24	79	800115	40.033	ng	100
4) n-Nitrosodimethylamine	3.18	42	221955	39.384	ng	100
6) Aniline	6.45	93	1167938	42.004	ng	99
8) 2-Chlorophenol	6.57	128	762693	43.051	ng	99
9) Benzaldehyde	6.33	77	450067	41.631	ng	99
10) Phenol	6.43	94	998305	43.570	ng	99
11) bis(2-Chloroethyl)ether	6.52	93	721643	41.129	ng	99
12) 1,3-Dichlorobenzene	6.73	146	912978	42.945	ng	99
13) 1,4-Dichlorobenzene	6.80	146	904610	42.767	ng	99
14) 1,2-Dichlorobenzene	6.96	146	855371	44.146	ng	99
15) Benzyl Alcohol	6.93	79	617871	42.101	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	689974	41.478	ng	99
17) 2-Methylphenol	7.04	107	628783	41.439	ng	99
18) Hexachloroethane	7.30	117	333852	42.651	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	442546	41.505	ng	96
20) 3+4-Methylphenols	7.19	107	774214	42.195	ng	96
22) Acetophenone	7.20	105	1007540	43.410	ng	97
24) Nitrobenzene	7.37	77	738422	42.828	ng	99
25) Isophorone	7.61	82	1357016	41.285	ng	98
26) 2-Nitrophenol	7.69	139	400417	43.807	ng	99
27) 2,4-Dimethylphenol	7.72	122	617027	42.379	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	924828	42.303	ng	99
29) 2,4-Dichlorophenol	7.93	162	671275	43.018	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	783762	43.819	ng	100
31) Naphthalene	8.09	128	2184631	44.043	ng	100
32) Benzoic acid	7.82	122	439766	44.733	ng	97
33) 4-Chloroaniline	8.14	127	957201	42.641	ng	98
34) Hexachlorobutadiene	8.22	225	466360	44.005	ng	99
35) Caprolactam	8.50	113	218480	41.158	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	668644	42.209	ng	98
37) 2-Methylnaphthalene	8.79	142	1490330	43.952	ng	100
38) 1-Methylnaphthalene	8.89	142	1395602	43.938	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	738776	44.487	ng	100

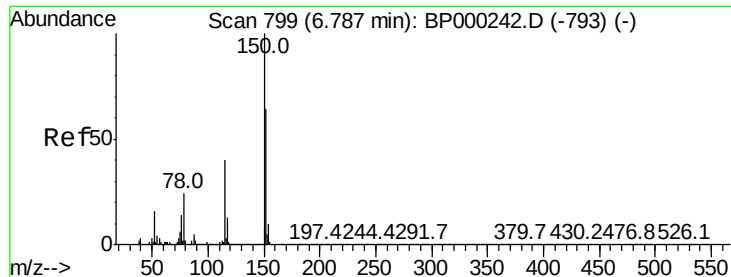
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	408550	42.843	ng	100
43) 2,4,6-Trichlorophenol	9.06	196	497555	43.299	ng	99
44) 2,4,5-Trichlorophenol	9.10	196	511510	43.472	ng	98
46) 1,1'-Biphenyl	9.25	154	1782112	44.353	ng	99
47) 2-Chloronaphthalene	9.27	162	1471306	43.652	ng	99
48) 2-Nitroaniline	9.37	65	360308	42.095	ng	98
49) Acenaphthylene	9.69	152	2226113	43.938	ng	100
50) Dimethylphthalate	9.55	163	1687701	42.649	ng	100
51) 2,6-Dinitrotoluene	9.61	165	372686	42.833	ng	97
52) Acenaphthene	9.87	154	1401127	43.823	ng	100
53) 3-Nitroaniline	9.78	138	423587	41.941	ng	98
54) 2,4-Dinitrophenol	9.89	184	169285	44.038	ng	97
55) Dibenzofuran	10.04	168	1991229	44.056	ng	99
56) 4-Nitrophenol	9.93	139	316428	42.124	ng	98
57) 2,4-Dinitrotoluene	10.02	165	495955	43.601	ng	# 88
58) Fluorene	10.39	166	1484147	42.513	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	419384	43.315	ng	100
60) Diethylphthalate	10.26	149	1630041	42.820	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	798279	44.547	ng	99
62) 4-Nitroaniline	10.39	138	415260	41.802	ng	98
63) Azobenzene	10.54	77	1377834	42.722	ng	100
65) 4,6-Dinitro-2-methylphenol	10.43	198	212380	43.854	ng	88
66) n-Nitrosodiphenylamine	10.49	169	1350855	43.569	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	505320	43.387	ng	99
68) Hexachlorobenzene	10.94	284	553816	43.495	ng	# 90
69) Atrazine	11.02	200	318443	38.100	ng	100
70) Pentachlorophenol	11.13	266	305375	44.036	ng	99
71) Phenanthrene	11.35	178	2281149	44.197	ng	99
72) Anthracene	11.40	178	2257668	42.496	ng	100
73) Carbazole	11.56	167	2097347	43.837	ng	100
74) Di-n-butylphthalate	11.90	149	2574410	42.510	ng	99
75) Fluoranthene	12.55	202	2473035	44.622	ng	99
77) Benzidine	12.67	184	1071215	38.150	ng	98
78) Pyrene	12.78	202	2485814	42.260	ng	100
80) Butylbenzylphthalate	13.41	149	1106891	40.953	ng	95
81) Benzo(a)anthracene	13.99	228	2165845	43.611	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	839711	42.072	ng	99
83) Chrysene	14.02	228	2098980	43.046	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1385919	42.716	ng	99
85) Di-n-octyl phthalate	14.60	149	2581494	42.929	ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	2557625	43.031	ng	99
88) Benzo(b)fluoranthene	15.05	252	2387660	43.017	ng	99
89) Benzo(k)fluoranthene	15.05	252	2387660	49.315	ng	99
90) Benzo(a)pyrene	15.42	252	2133519	42.244	ng	100
91) Dibenzo(a,h)anthracene	16.98	278	2046130	43.454	ng	100
92) Benzo(g,h,i)perylene	17.41	276	2078623	42.947	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

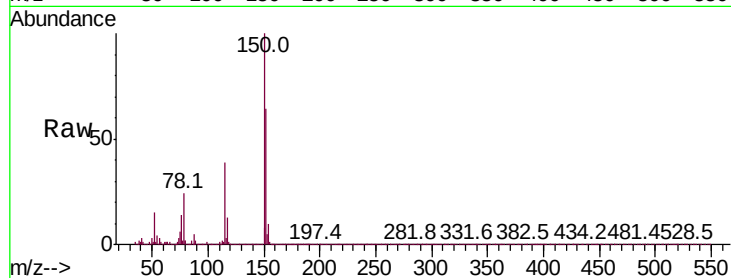
Tot Ion:152 Resp: 284019

Ion Ratio Lower Upper

152 100

150 156.2 125.2 187.8

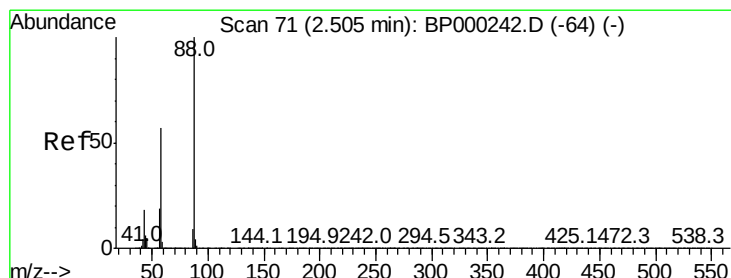
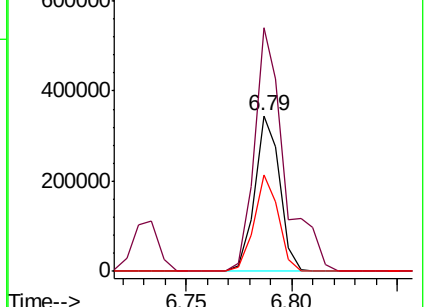
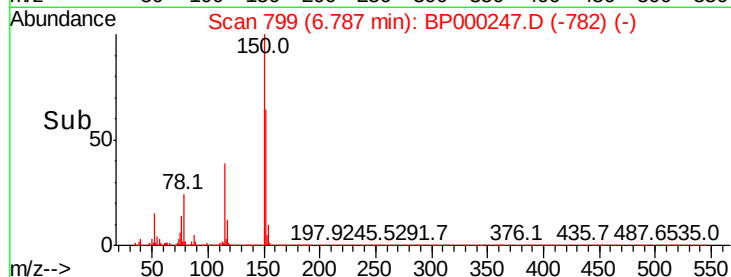
115 61.6 49.7 74.5



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: 40.407 ng

RT: 2.49 min Scan# 69

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

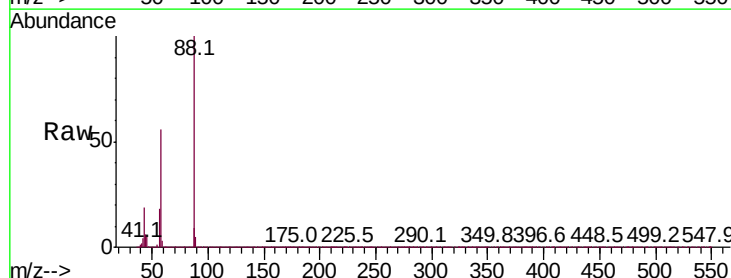
Tgt Ion: 88 Resp: 299988

Ion Ratio Lower Upper

88 100

58 55.3 45.4 68.2

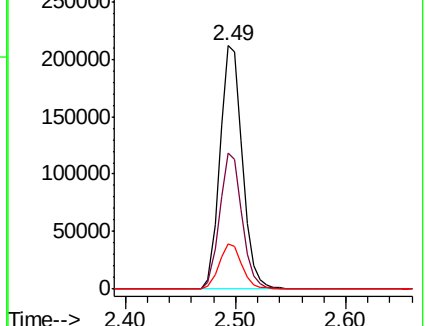
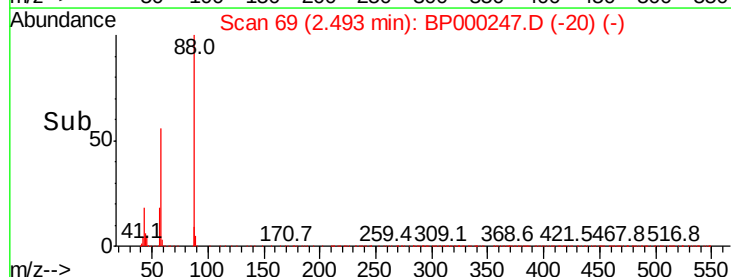
43 18.1 15.0 22.6

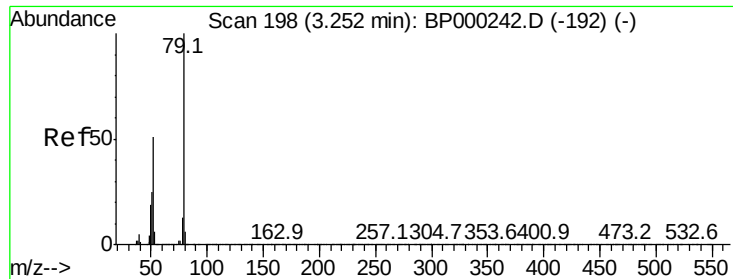


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 40.033 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

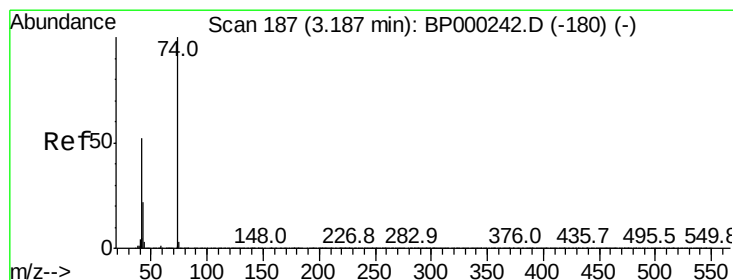
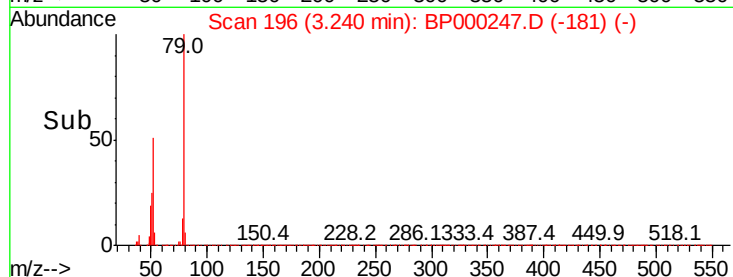
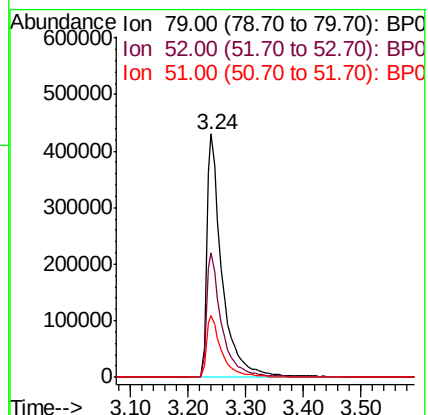
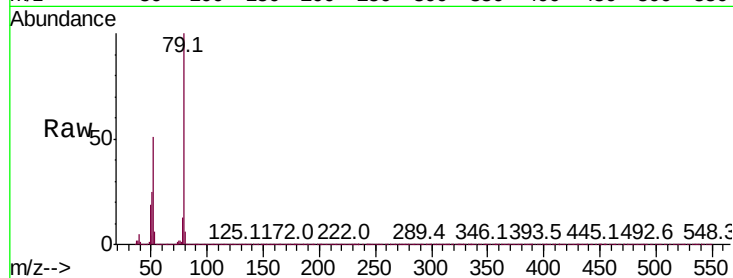
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 79 Resp: 800115

Ion	Ratio	Lower	Upper
79	100		
52	51.1	40.9	61.3
51	25.4	20.2	30.2



#4

n-Nitrosodimethylamine

Concen: 39.384 ng

RT: 3.18 min Scan# 185

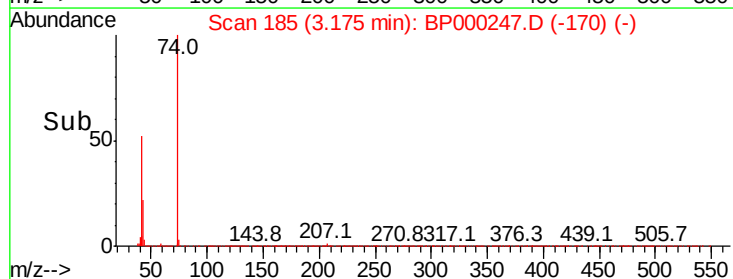
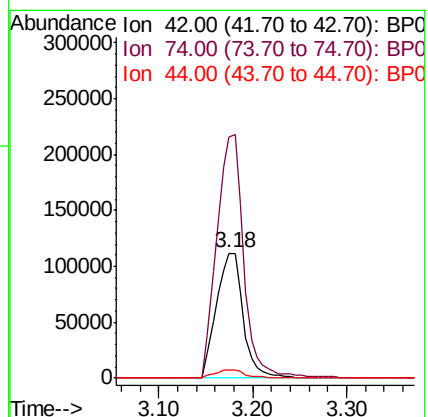
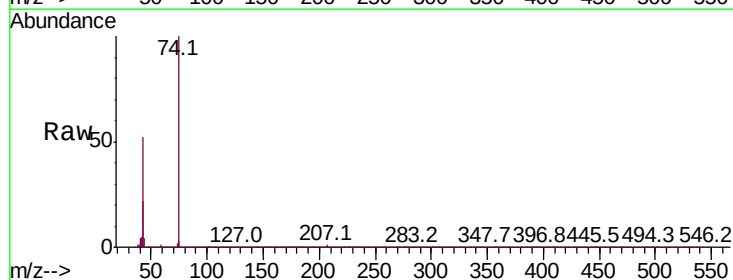
Delta R.T. -0.01 min

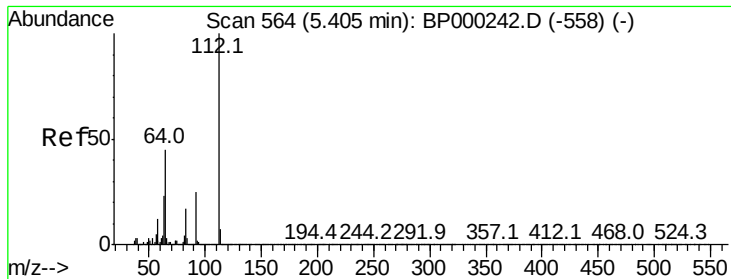
Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion: 42 Resp: 221955

Ion	Ratio	Lower	Upper
42	100		
74	192.9	154.5	231.7
44	6.8	5.9	8.9





#5

2-Fluorophenol

Concen: 84.828 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

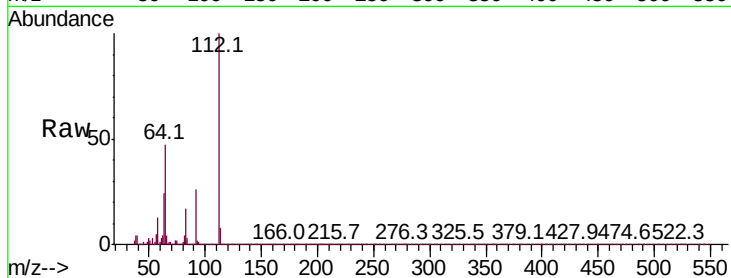
Instrument :

BNA_P

ClientSampleId :

Tot Ion:112 Resp: 1395587

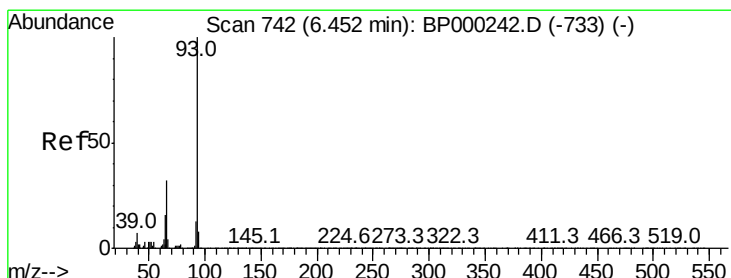
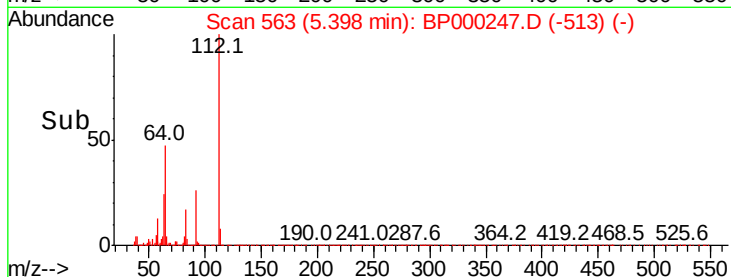
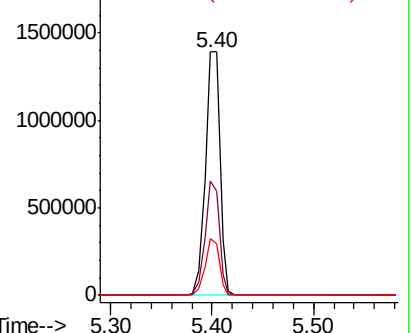
Ion	Ratio	Lower	Upper
112	100		
64	47.0	36.2	54.4
63	23.5	18.3	27.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 42.004 ng

RT: 6.45 min Scan# 742

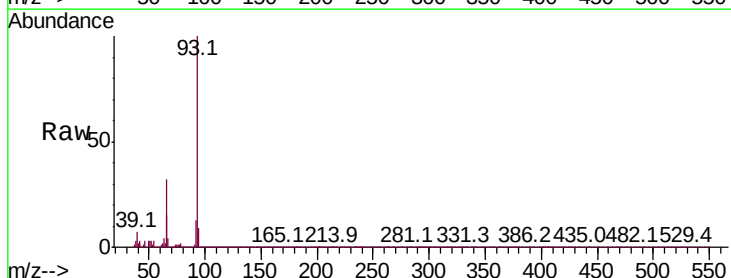
Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion: 93 Resp: 1167938

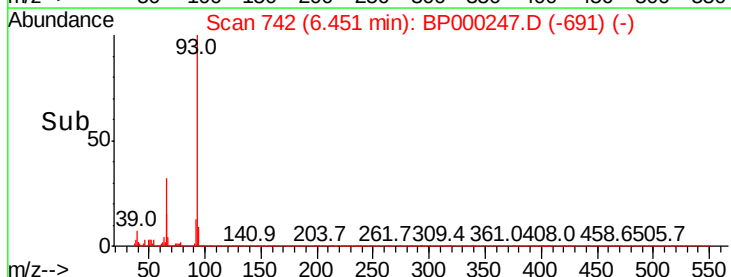
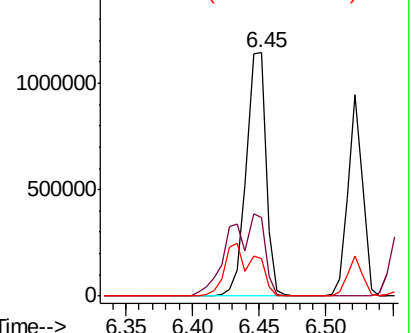
Ion	Ratio	Lower	Upper
93	100		
66	32.1	26.2	39.2
65	15.4	12.7	19.1

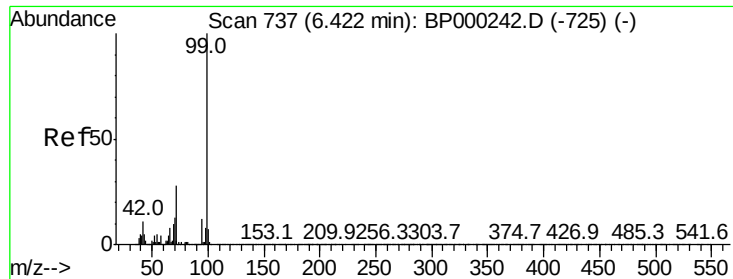


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 84.411 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

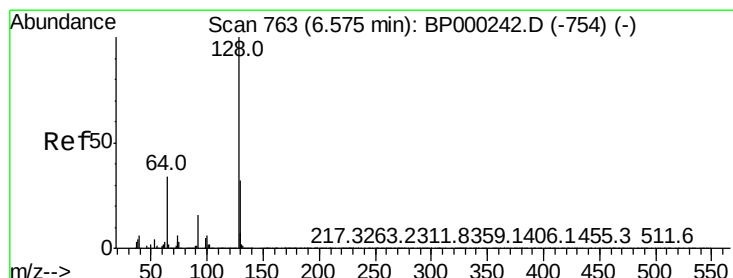
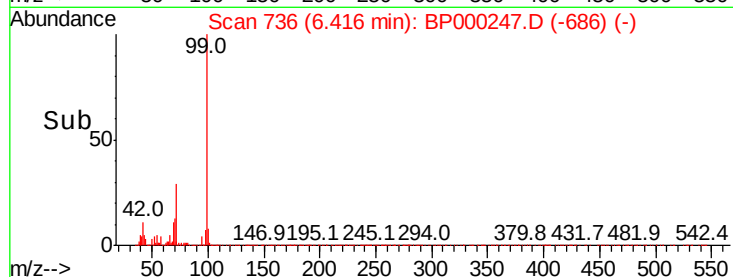
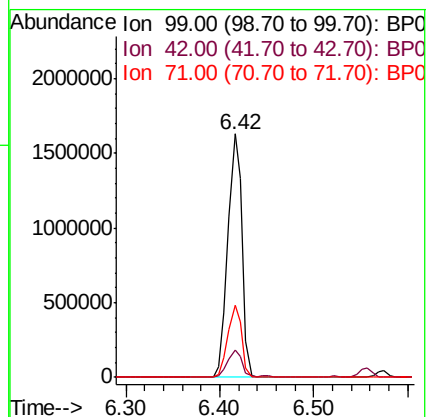
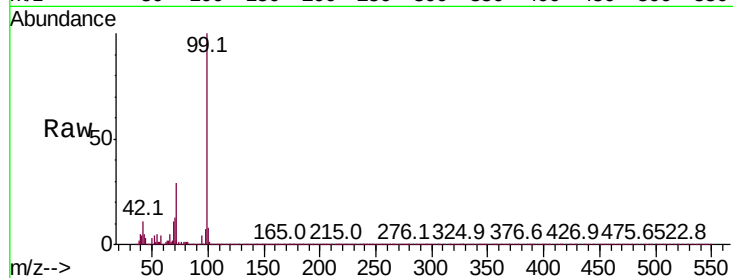
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1702292

Ion	Ratio	Lower	Upper
99	100		
42	11.4	8.5	12.7
71	29.4	22.6	34.0



#8

2-Chlorophenol

Concen: 43.051 ng

RT: 6.57 min Scan# 763

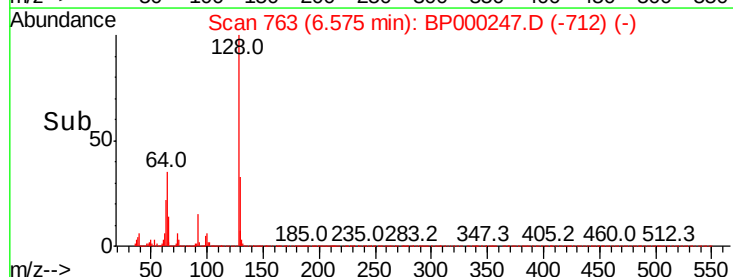
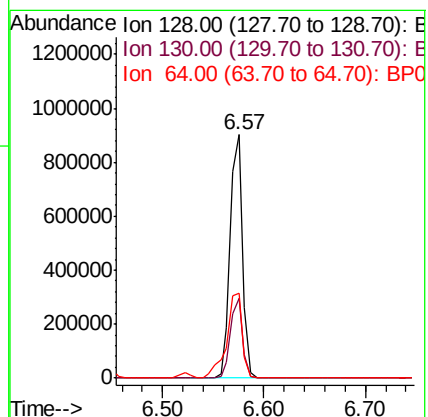
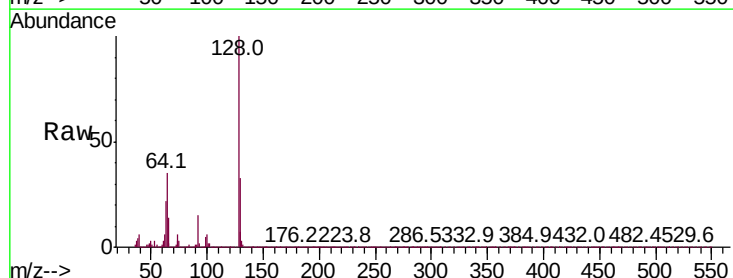
Delta R.T. -0.00 min

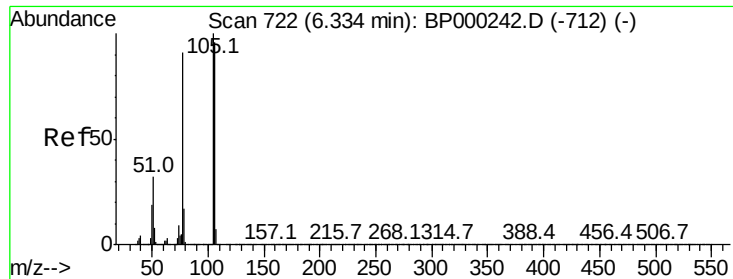
Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion: 128 Resp: 762693

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	34.9	16.0	56.0





#9

Benzaldehyde

Concen: 41.631 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

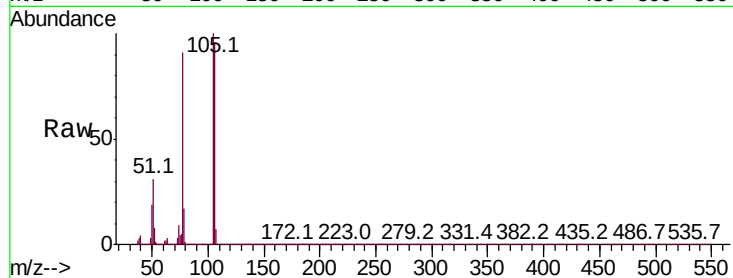
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 450067

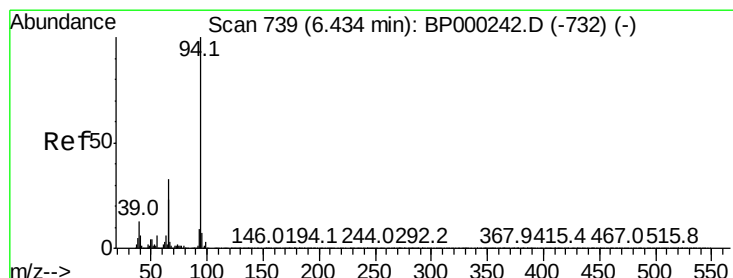
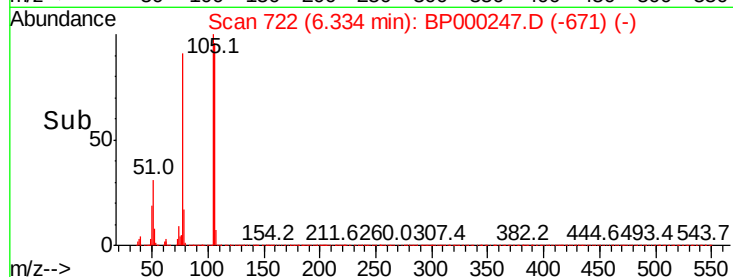
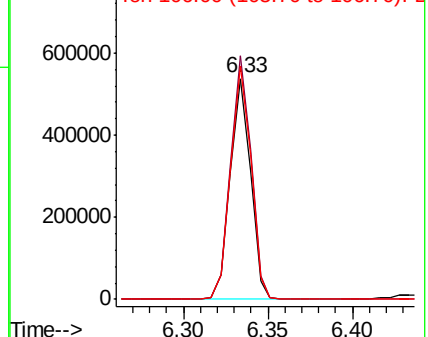
Ion	Ratio	Lower	Upper
77	100		
105	110.1	89.6	129.6
106	105.6	84.6	124.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 43.570 ng

RT: 6.43 min Scan# 739

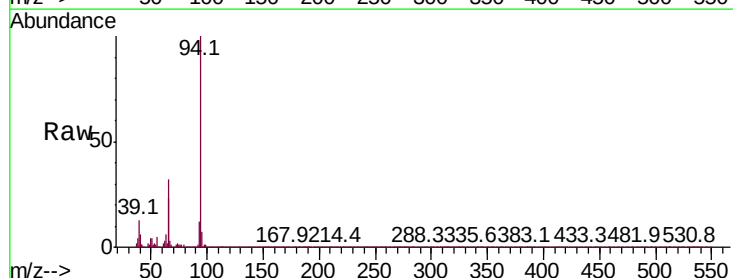
Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion: 94 Resp: 998305

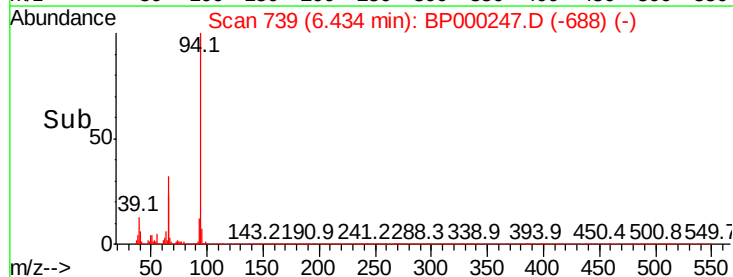
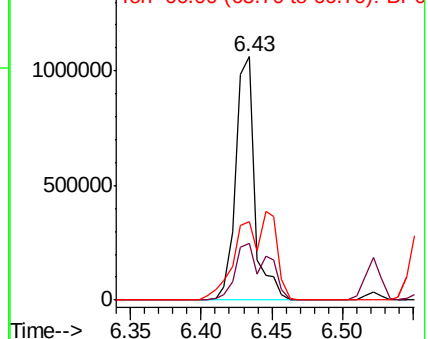
Ion	Ratio	Lower	Upper
94	100		
65	23.1	3.3	43.3
66	32.1	12.7	52.7

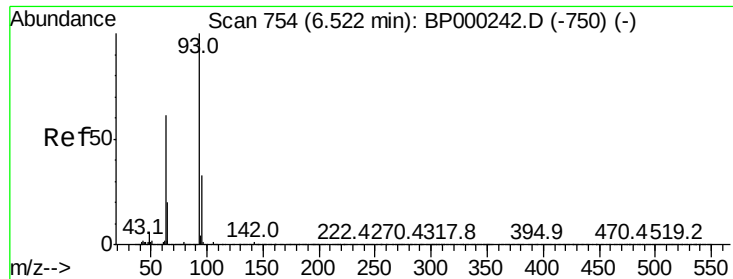


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

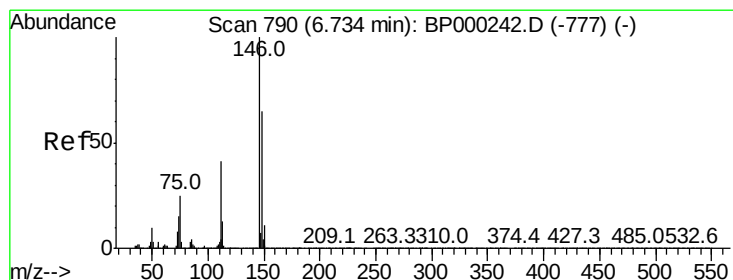
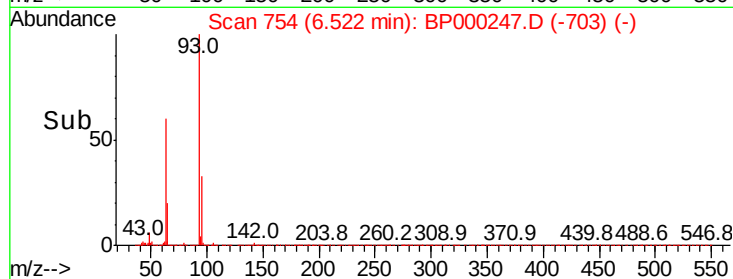
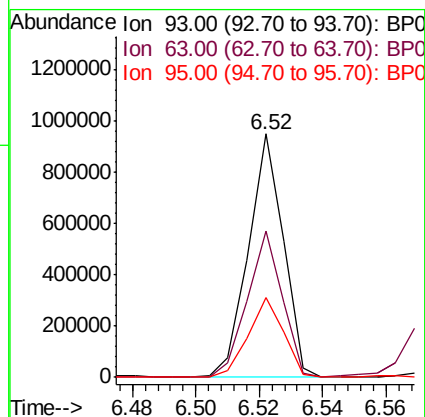
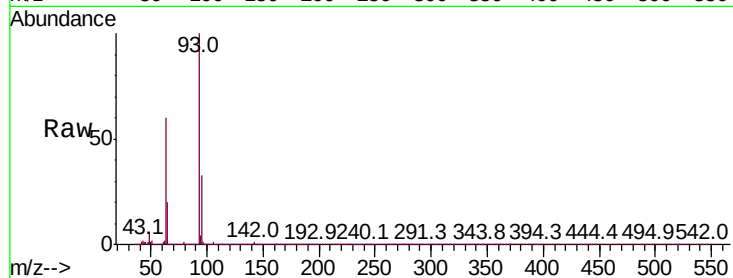




#11
bis(2-Chloroethyl)ether
Concen: 41.129 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

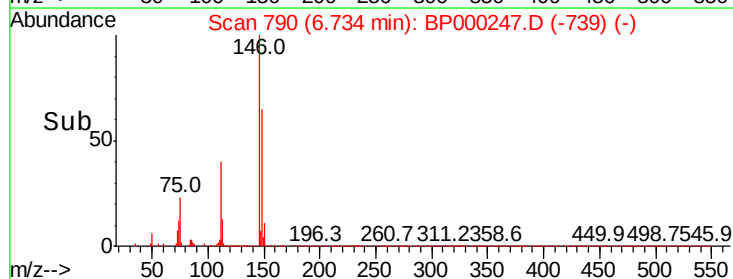
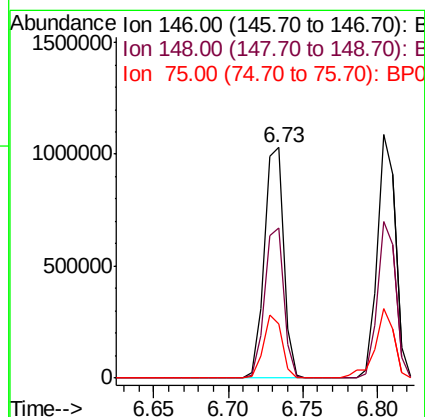
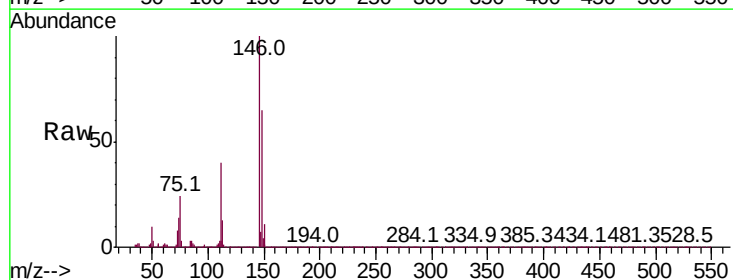
Instrument :
BNA_P
ClientSampleId :

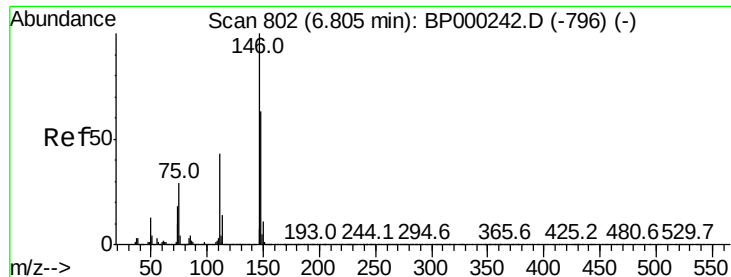
Tot Ion	Ratio	Lower	Upper
93	100		
63	60.3	41.0	81.0
95	32.8	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.945 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.1	78.1
75	23.7	20.2	30.4





#13

1,4-Dichlorobenzene

Concen: 42.767 ng

RT: 6.80 min Scan# 802

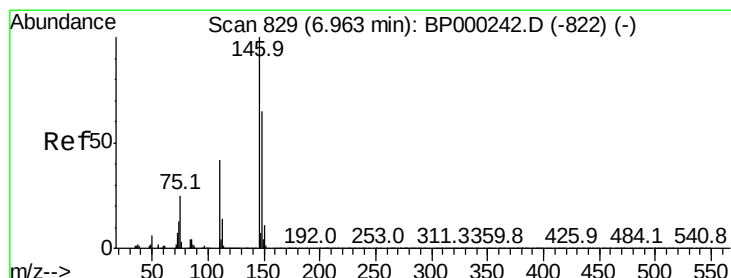
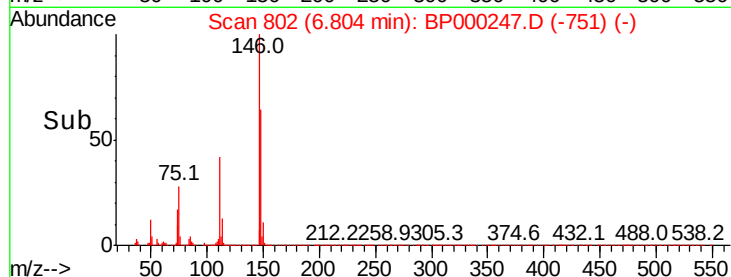
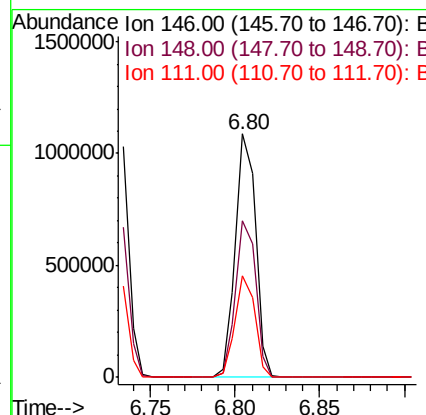
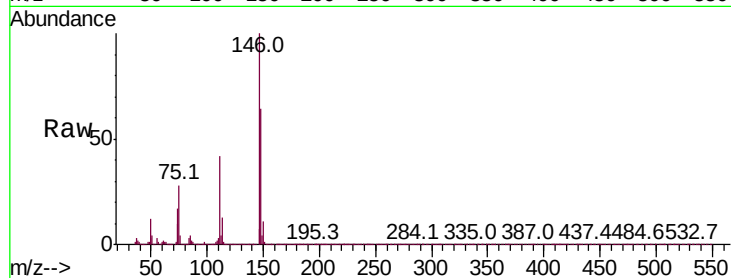
Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
111	41.9	34.1	51.1



#14

1,2-Dichlorobenzene

Concen: 44.146 ng

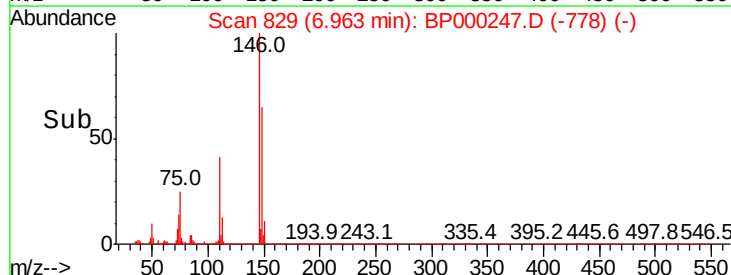
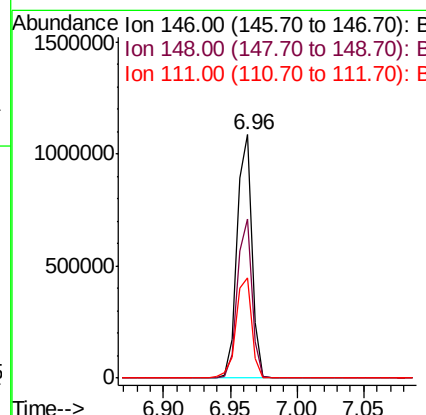
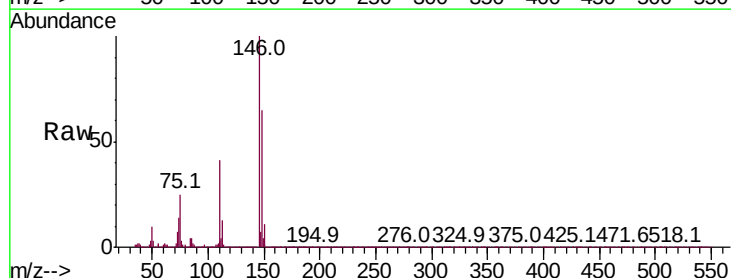
RT: 6.96 min Scan# 829

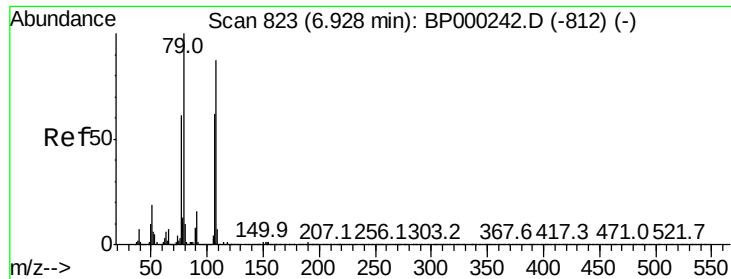
Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

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

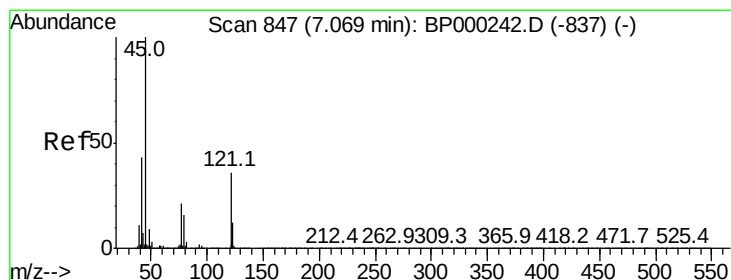
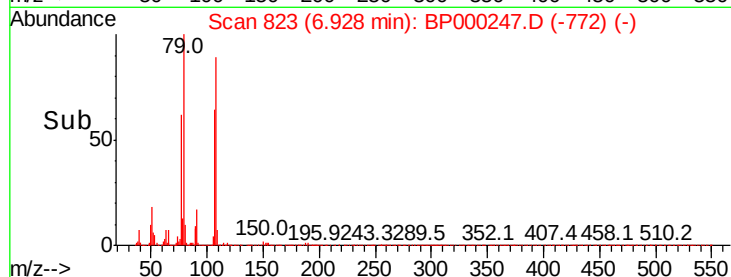
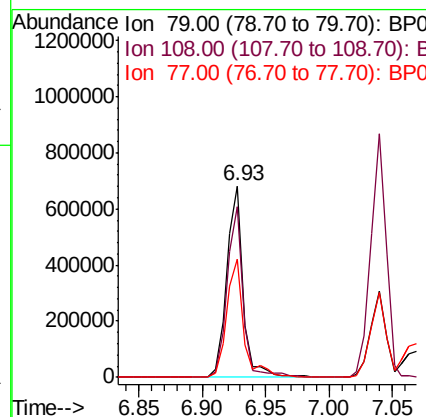
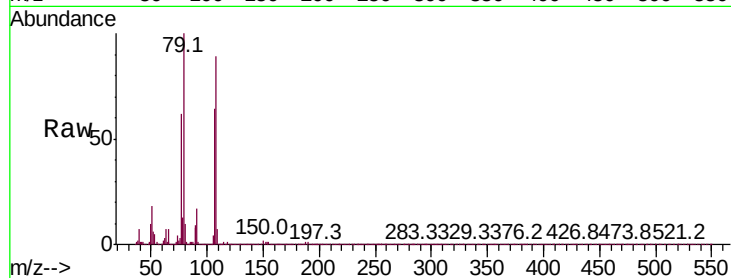




#15
Benzyl Alcohol
Concen: 42.101 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

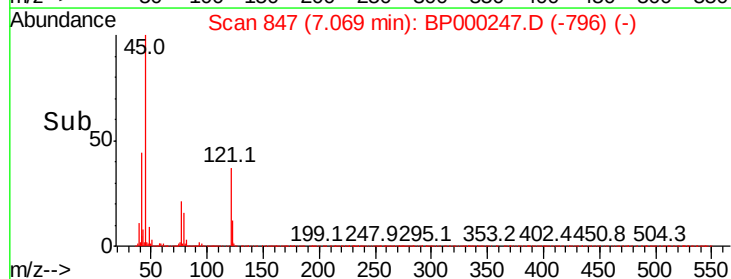
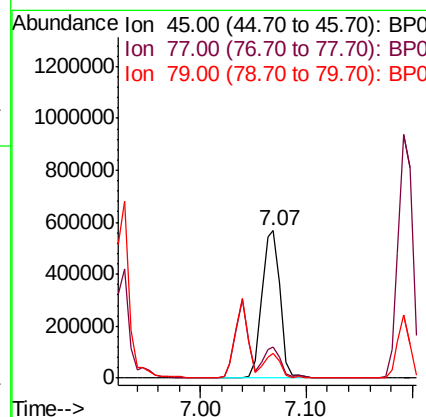
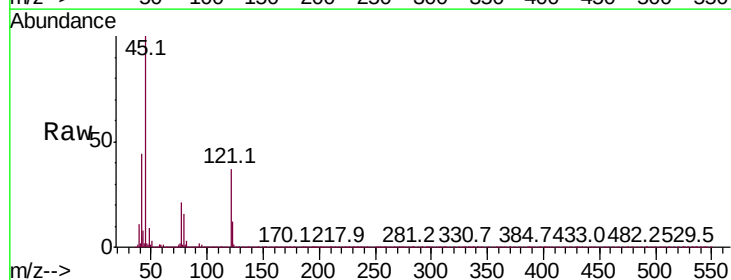
Instrument :
BNA_P
ClientSampled :

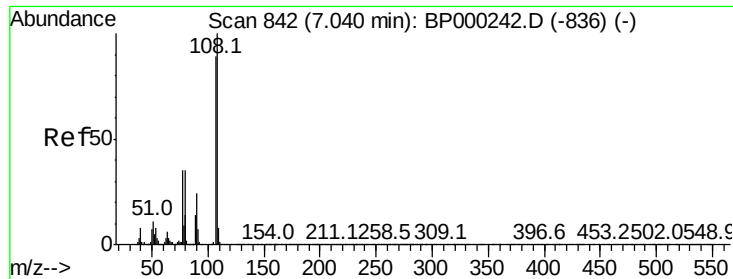
Tot Ion: 79 Resp: 617871
Ion Ratio Lower Upper
79 100
108 89.1 69.2 103.8
77 61.7 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.478 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion: 45 Resp: 689974
Ion Ratio Lower Upper
45 100
77 21.2 0.7 40.7
79 16.5 0.0 36.4

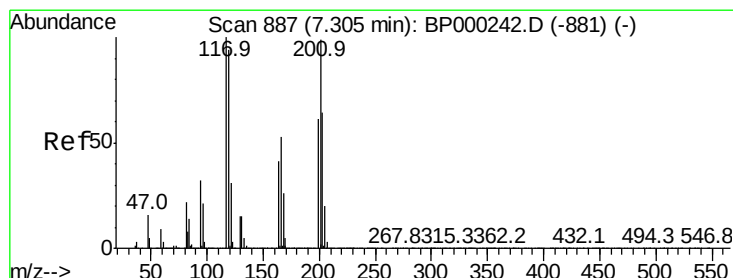
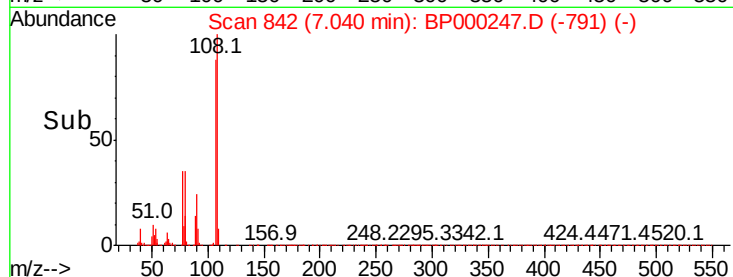
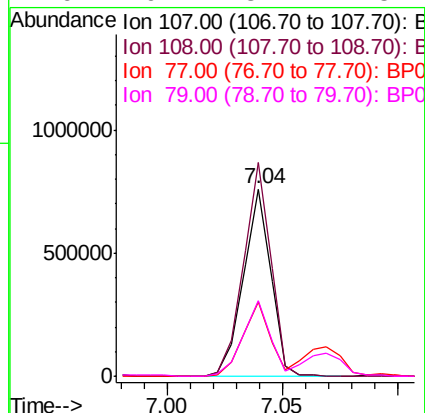
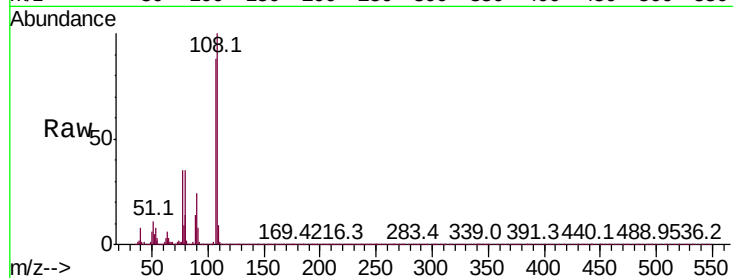




#17
2-Methylphenol
Concen: 41.439 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

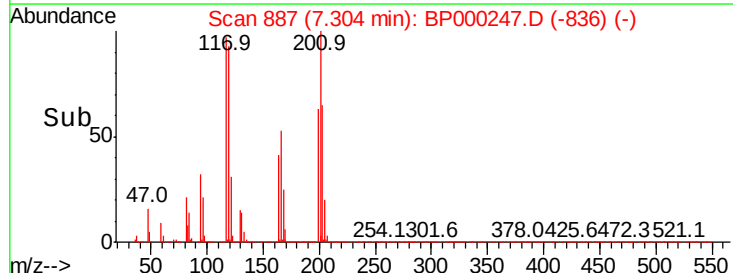
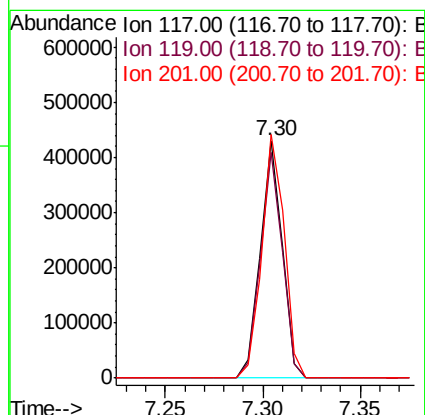
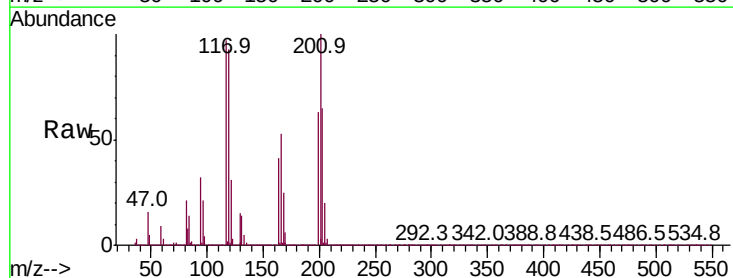
Instrument :
BNA_P
ClientSampleId :

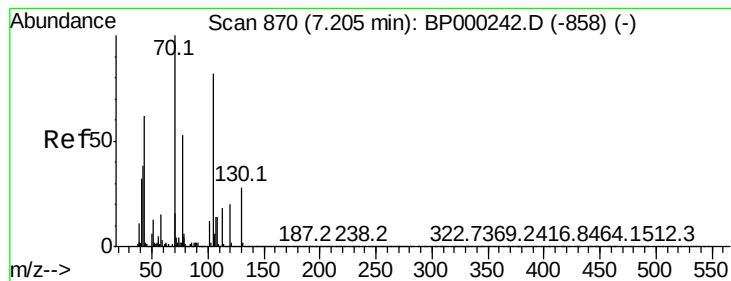
Tot Ion:	107	Resp:	628783
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.1	135.1
77	39.8	31.5	47.3
79	40.1	32.2	48.2



#18
Hexachloroethane
Concen: 42.651 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion:	117	Resp:	333852
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.6	113.4
201	102.6	79.4	119.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.505 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 70 Resp: 442546

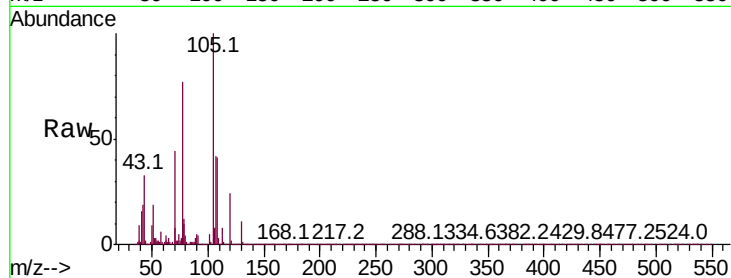
Ion Ratio Lower Upper

70 100

42 42.0 30.7 46.1

101 11.8 9.6 14.4

130 25.9 22.0 33.0



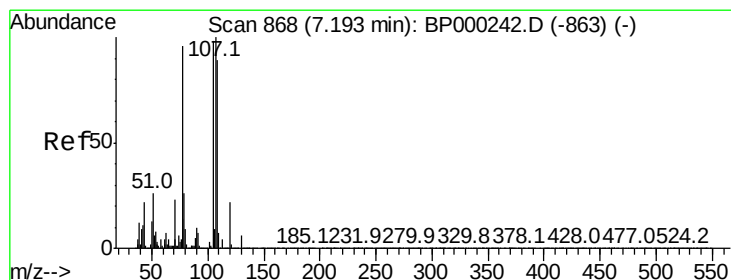
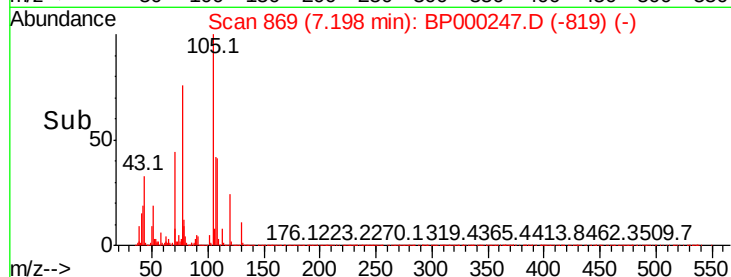
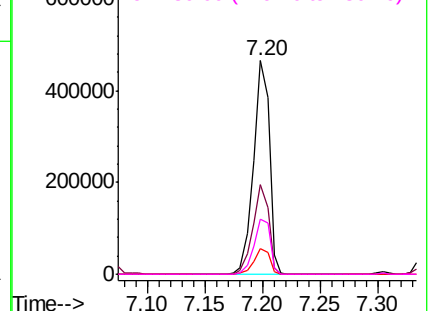
Abundance

Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.195 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:107 Resp: 774214

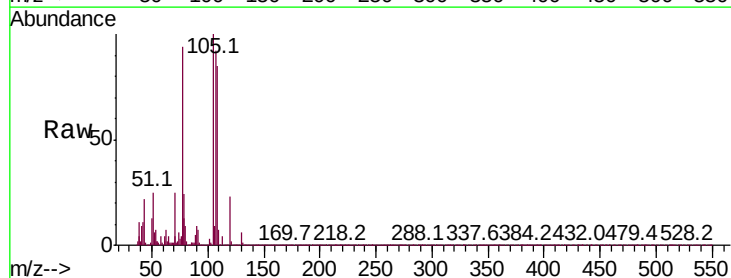
Ion Ratio Lower Upper

107 100

108 91.6 68.8 108.8

77 101.8 75.7 115.7

79 26.1 6.0 46.0



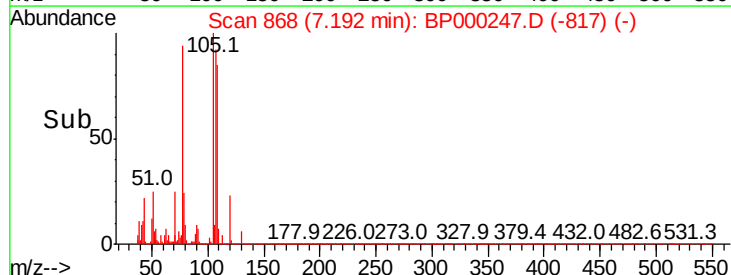
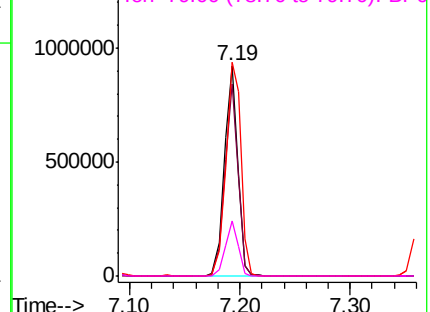
Abundance

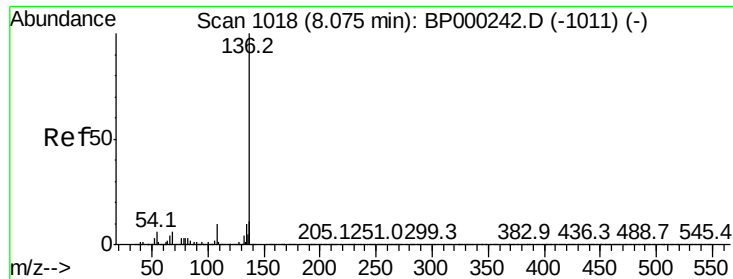
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 1071008

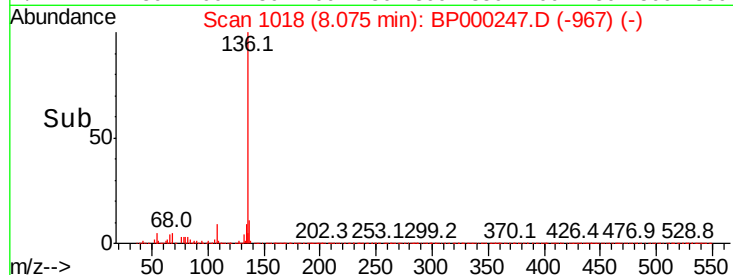
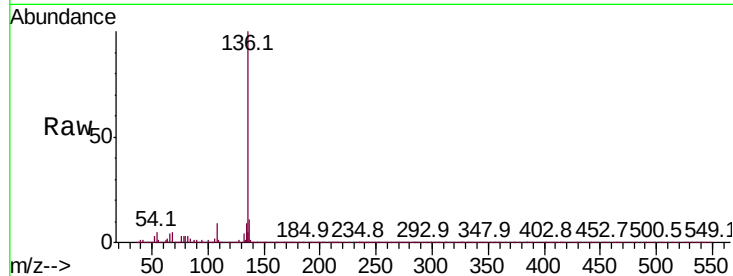
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.4	4.5	6.7
68	5.4	4.5	6.7

136 100

137 10.7 8.6 13.0

54 5.4 4.5 6.7

68 5.4 4.5 6.7

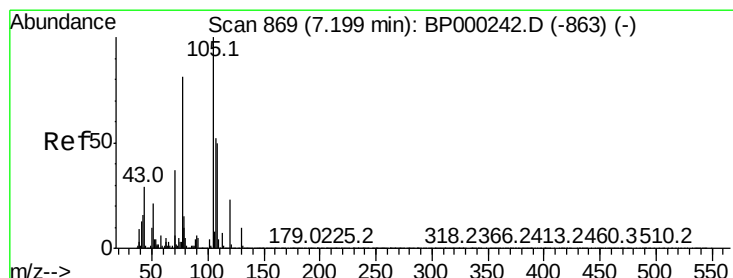
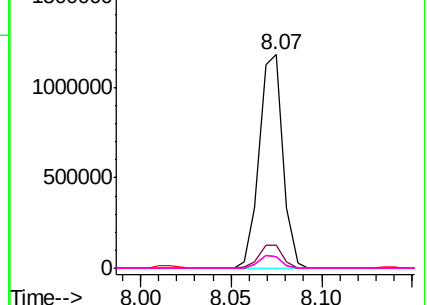


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 43.410 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:105 Resp: 1007540

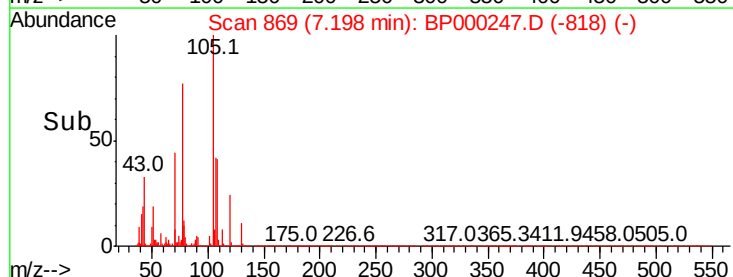
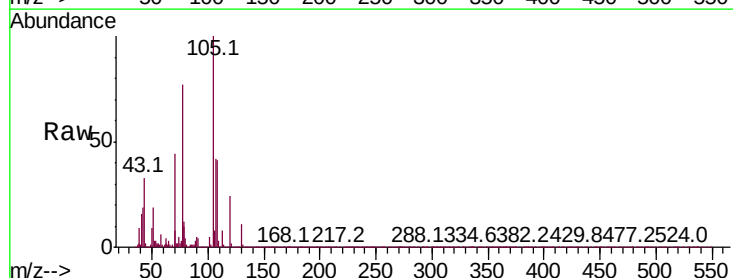
Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.2	7.8
51	18.9	16.6	24.8
120	23.6	18.5	27.7

105 100

71 7.6 5.2 7.8

51 18.9 16.6 24.8

120 23.6 18.5 27.7

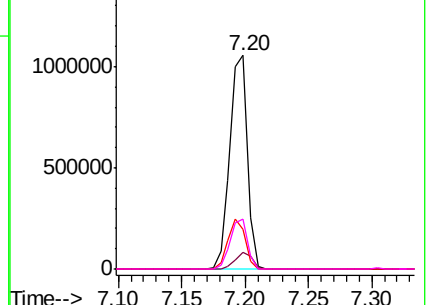


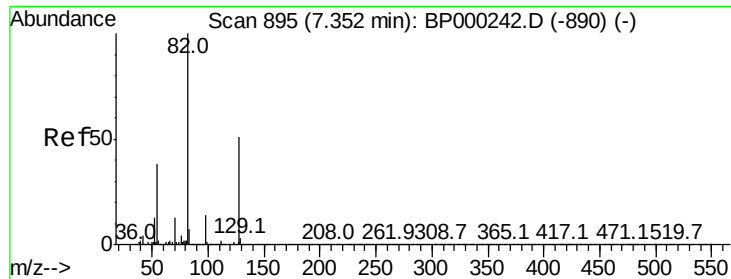
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E



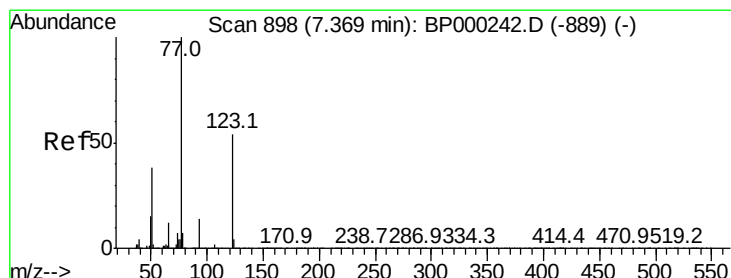
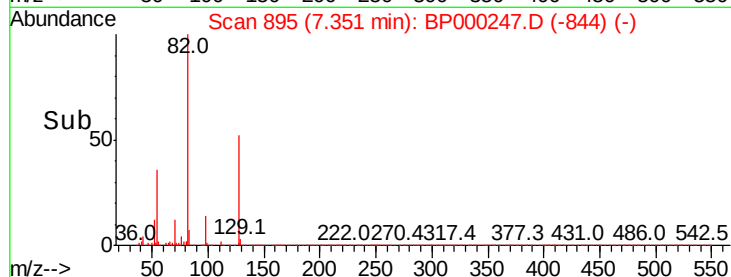
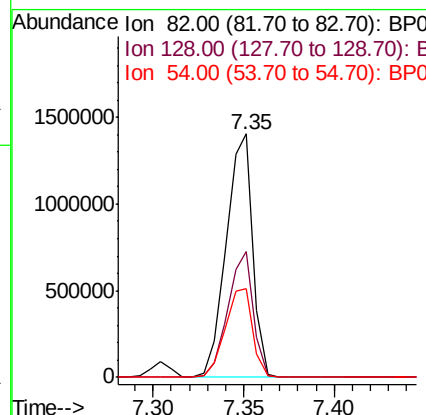
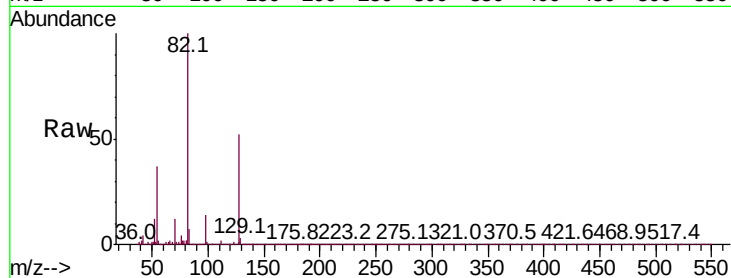


#23
 Nitrobenzene-d5
 Concen: 85.479 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000247.D
 Acq: 16 Sep 2019 19:23

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion: 82 Resp: 1418929

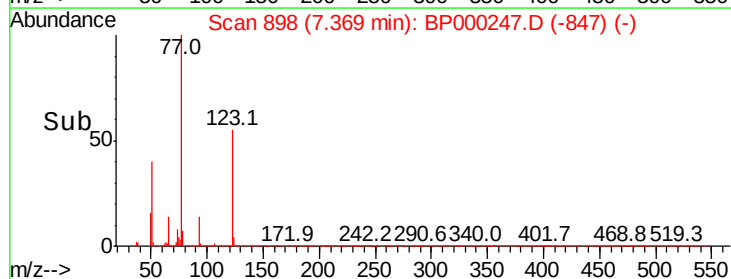
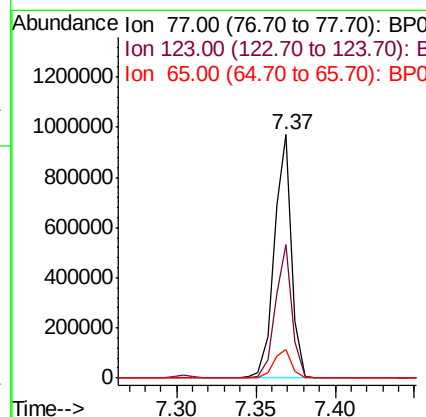
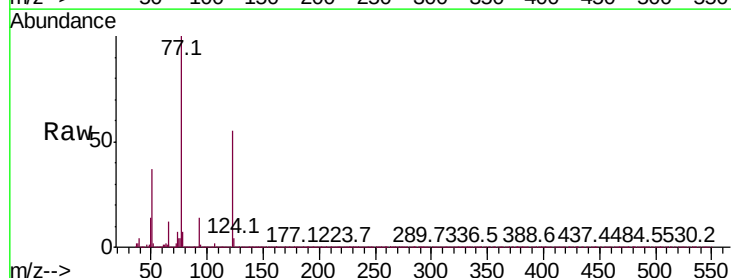
Ion	Ratio	Lower	Upper
82	100		
128	51.7	40.7	61.1
54	36.6	30.1	45.1

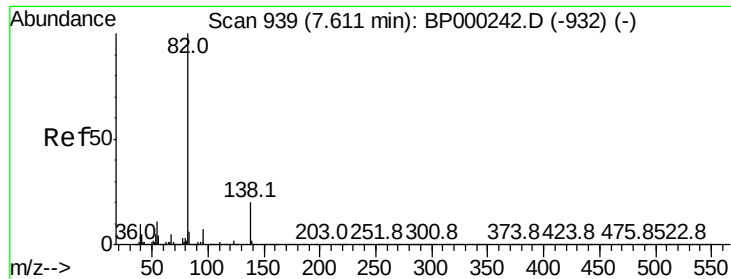


#24
 Nitrobenzene
 Concen: 42.828 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BP000247.D
 Acq: 16 Sep 2019 19:23

Tgt Ion: 77 Resp: 738422

Ion	Ratio	Lower	Upper
77	100		
123	55.1	43.1	64.7
65	11.9	9.4	14.2





#25

Isophorone

Concen: 41.285 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

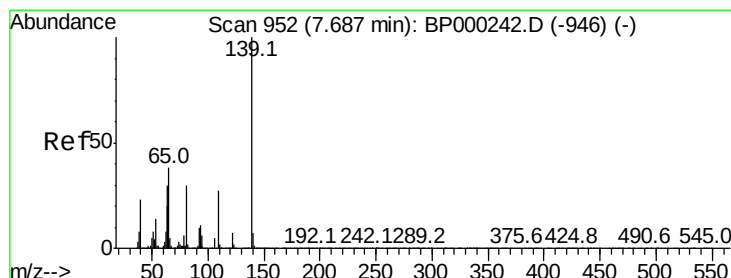
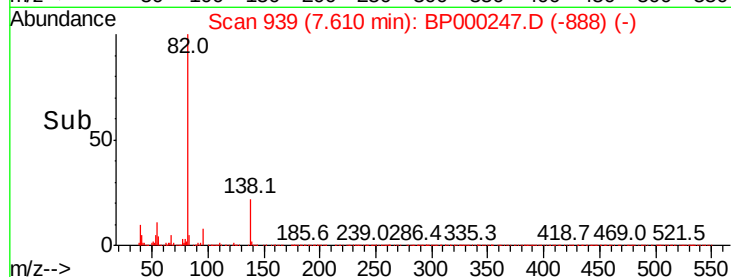
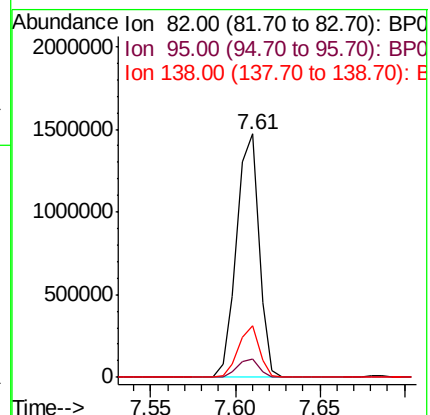
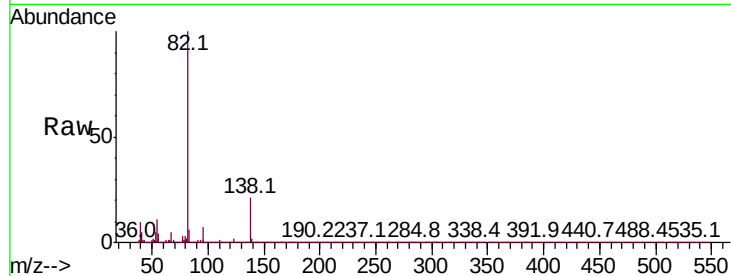
Tot Ion: 82 Resp: 1357016

Ion Ratio Lower Upper

82 100

95 7.4 5.9 8.9

138 21.1 15.9 23.9



#26

2-Nitrophenol

Concen: 43.807 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

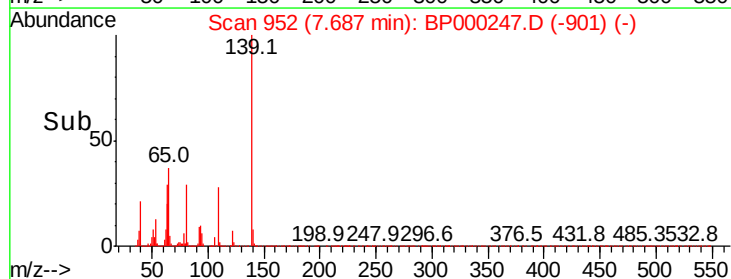
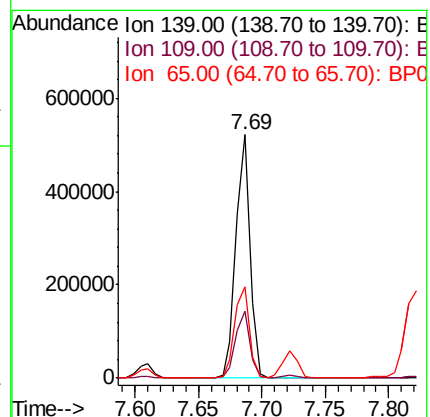
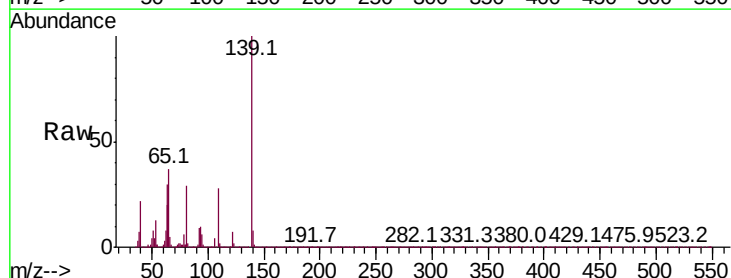
Tgt Ion: 139 Resp: 400417

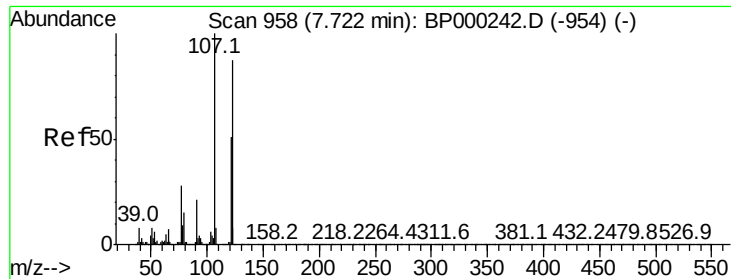
Ion Ratio Lower Upper

139 100

109 27.6 21.8 32.6

65 37.3 30.5 45.7

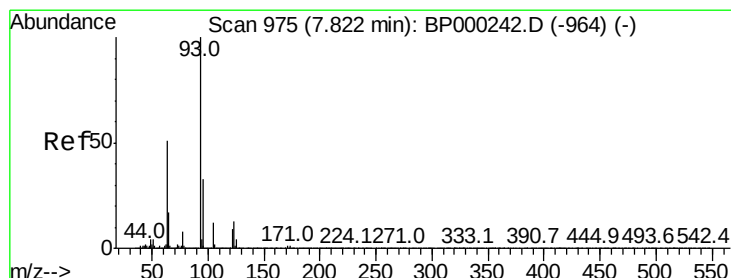
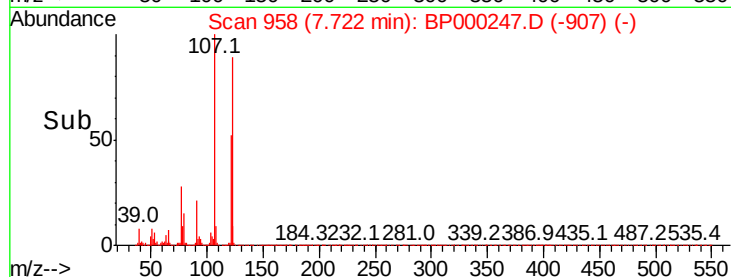
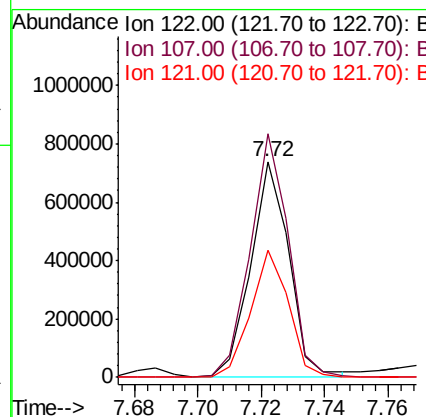
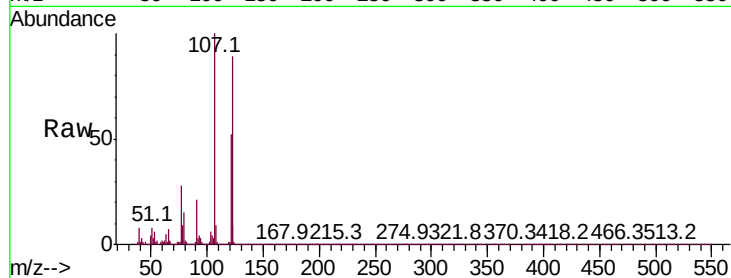




#27
2,4-Dimethylphenol
Concen: 42.379 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

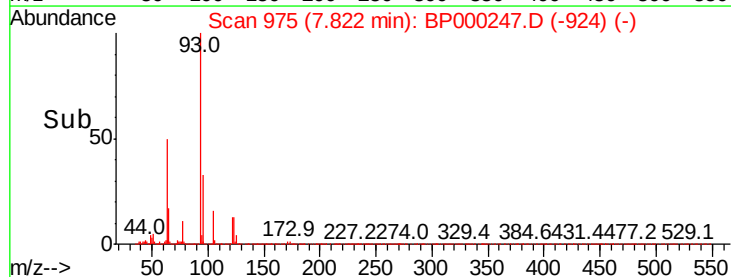
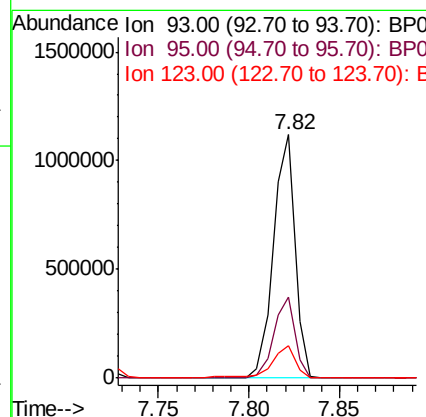
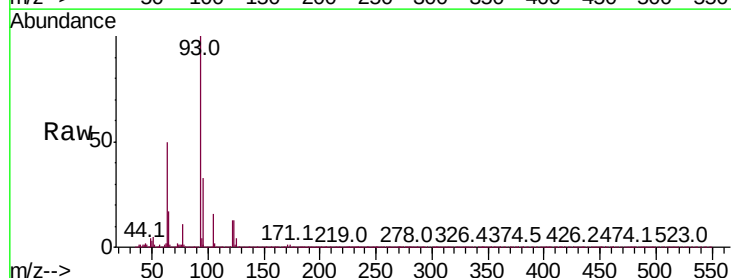
Instrument :
BNA_P
ClientSampleId :

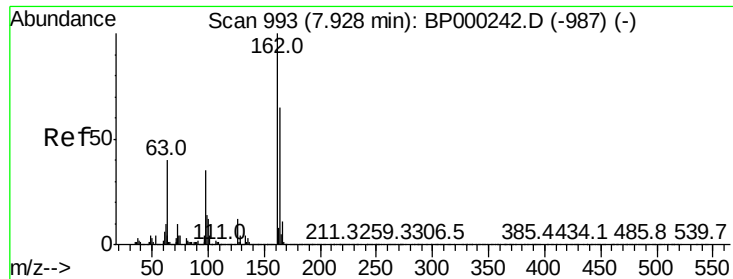
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	91.5	137.3
121	58.7	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.303 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.2	39.4
123	13.4	10.2	15.2





#29

2,4-Dichlorophenol

Concen: 43.018 ng

RT: 7.93 min Scan# 993

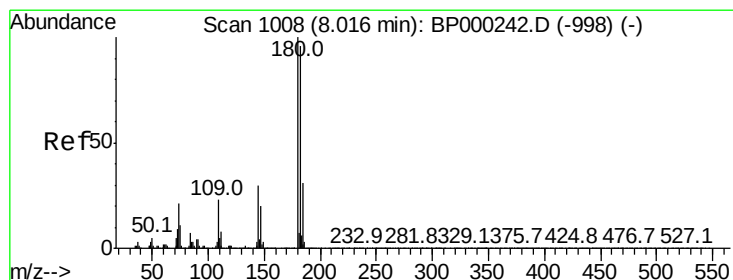
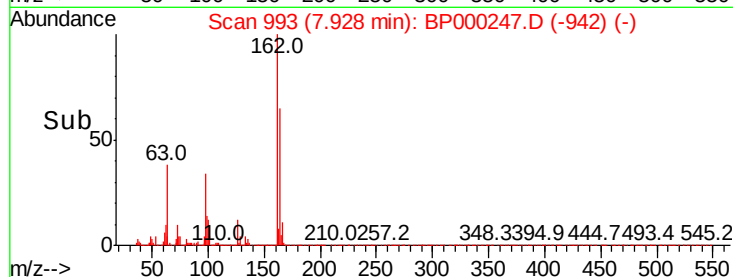
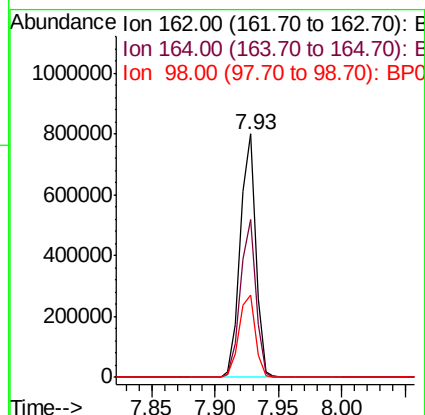
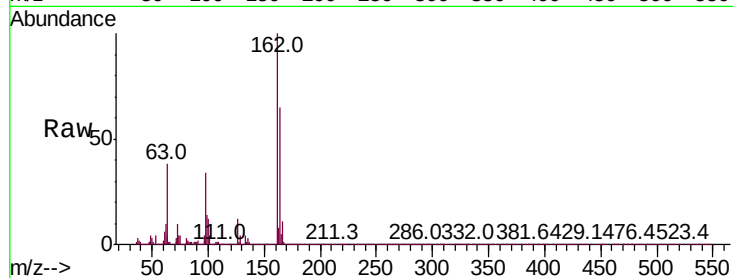
Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.5	84.5
98	33.9	15.2	55.2



#30

1,2,4-Trichlorobenzene

Concen: 43.819 ng

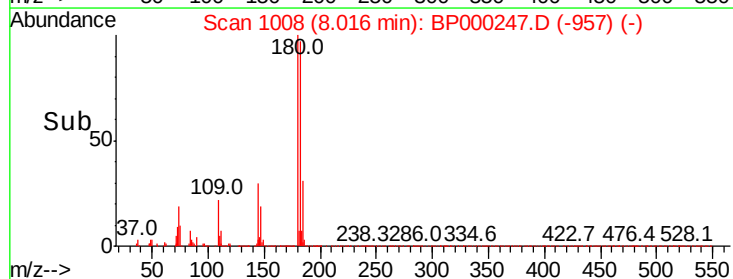
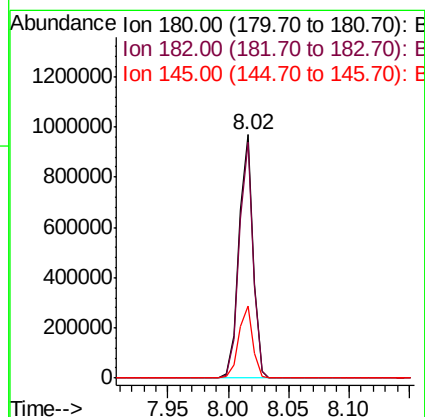
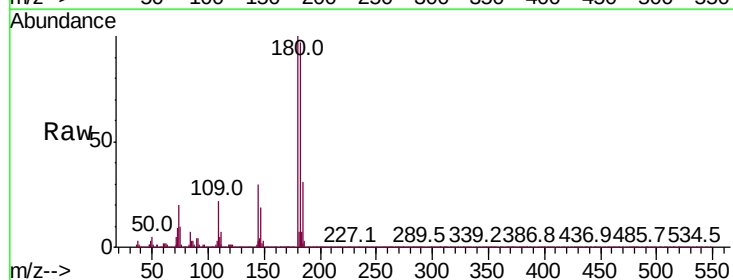
RT: 8.02 min Scan# 1008

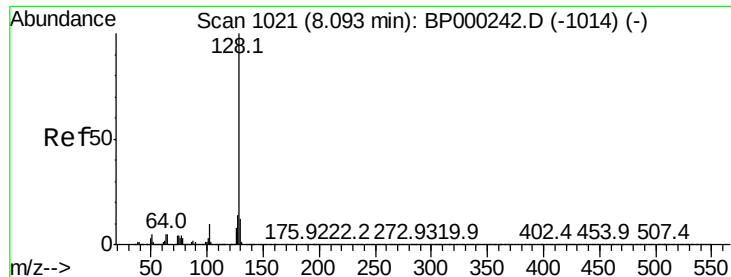
Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.2	115.8
145	29.8	24.3	36.5





#31

Naphthalene

Concen: 44.043 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

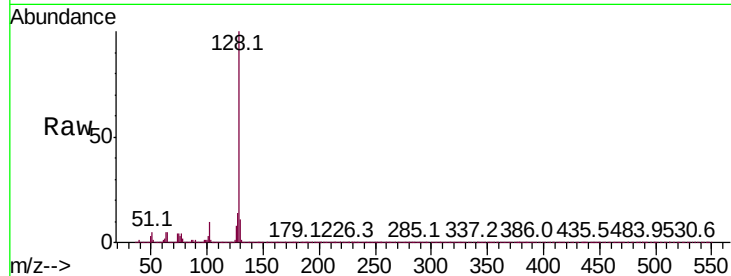
Tot Ion:128 Resp: 2184631

Ion Ratio Lower Upper

128 100

129 11.5 9.2 13.8

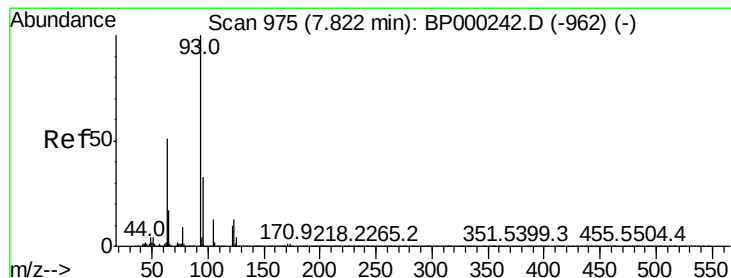
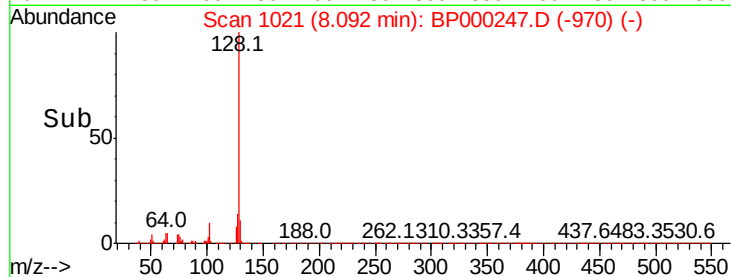
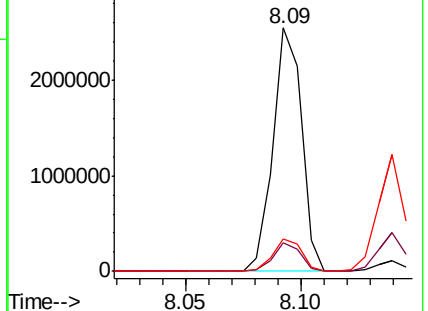
127 13.6 11.0 16.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.733 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

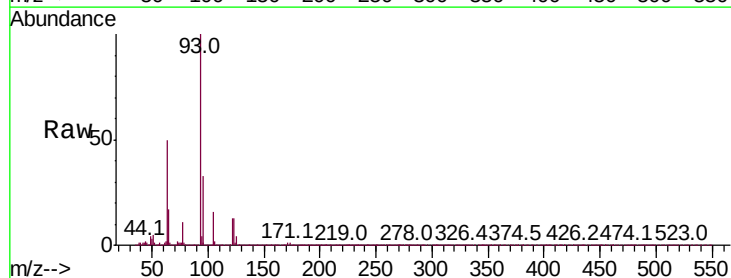
Tgt Ion:122 Resp: 439766

Ion Ratio Lower Upper

122 100

105 123.4 105.4 145.4

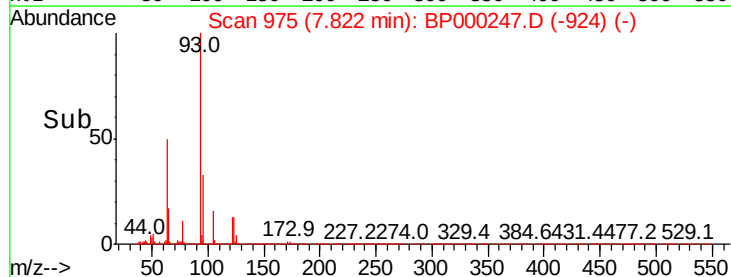
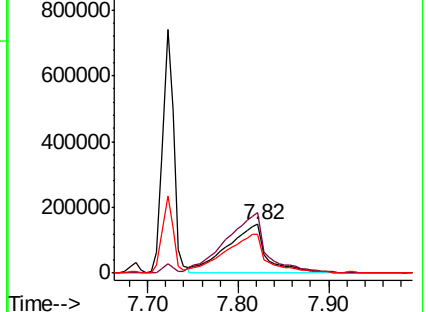
77 81.0 65.3 105.3

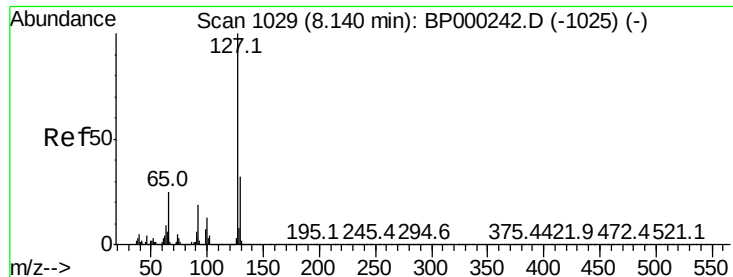


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BPO

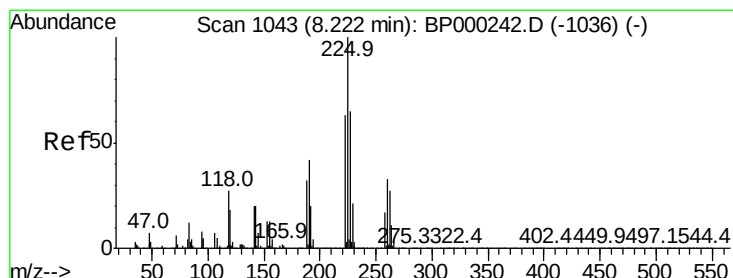
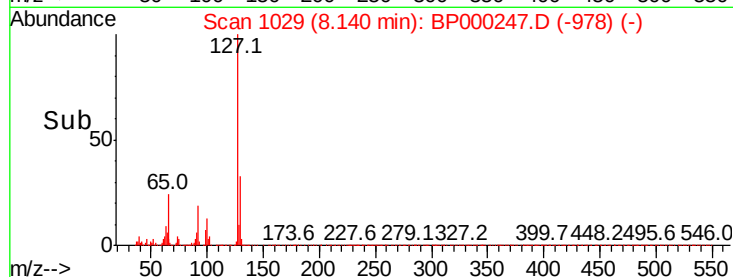
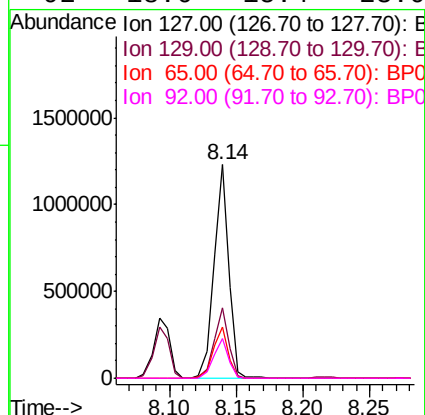
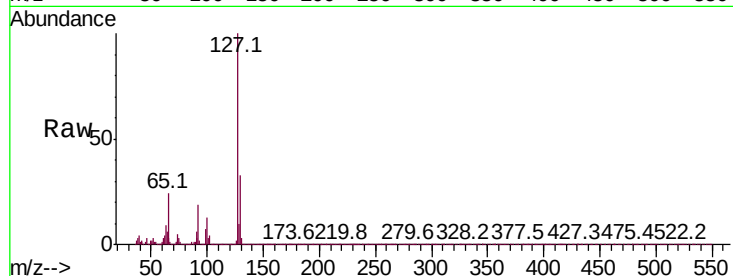




#33
4-Chloroaniline
Concen: 42.641 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

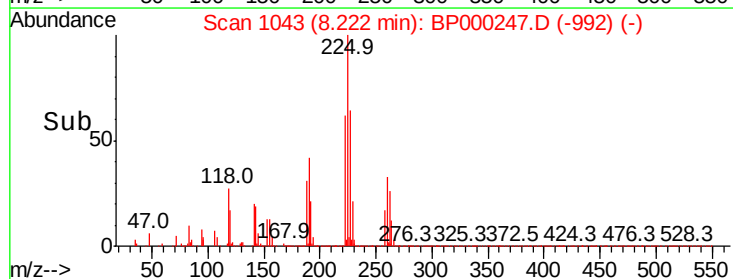
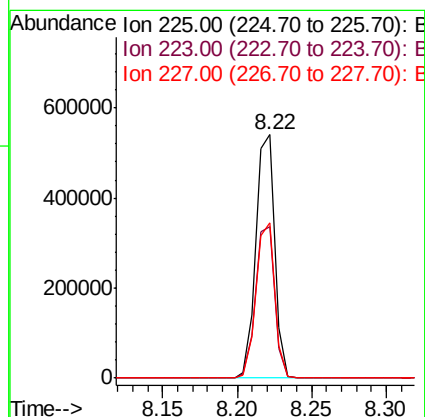
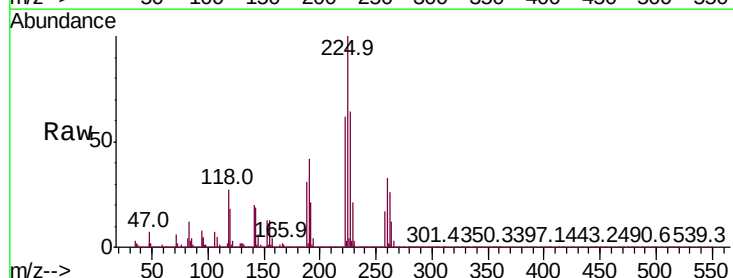
Instrument :
BNA_P
ClientSampleId :

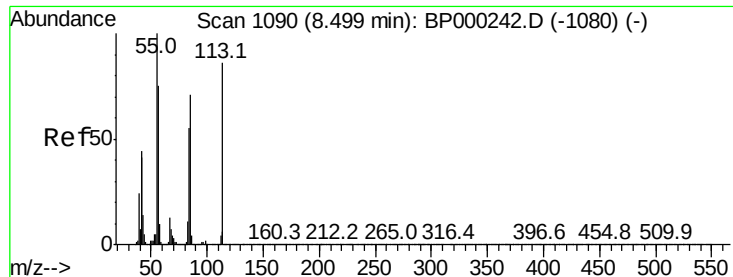
Tot Ion:127	Resp:	957201
Ion Ratio	Lower	Upper
127	100	
129	32.8	25.7 38.5
65	23.7	19.9 29.9
92	18.6	15.4 23.0



#34
Hexachlorobutadiene
Concen: 44.005 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion:225	Resp:	466360
Ion Ratio	Lower	Upper
225	100	
223	62.2	50.2 75.2
227	63.6	51.8 77.6

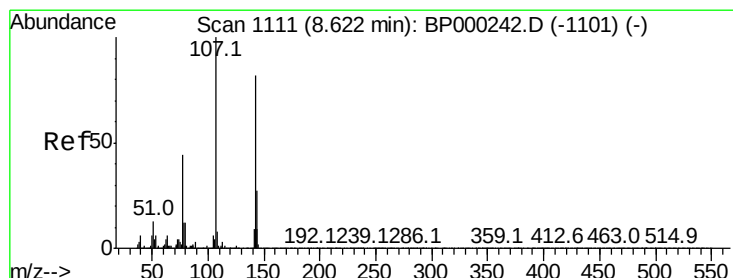
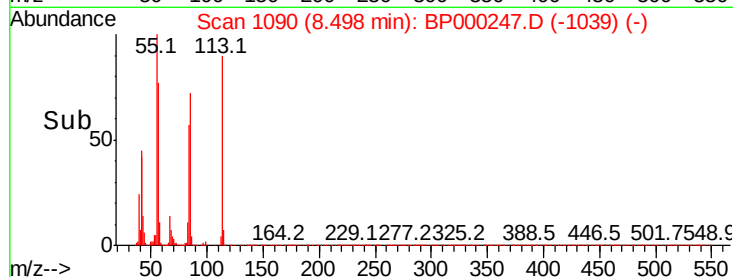
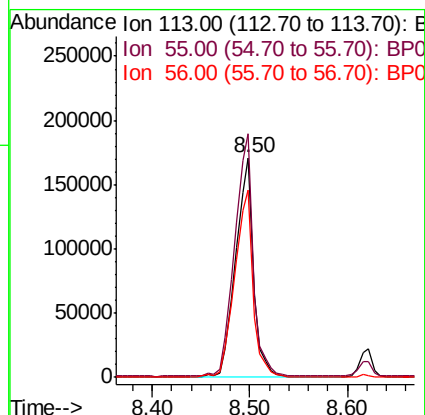
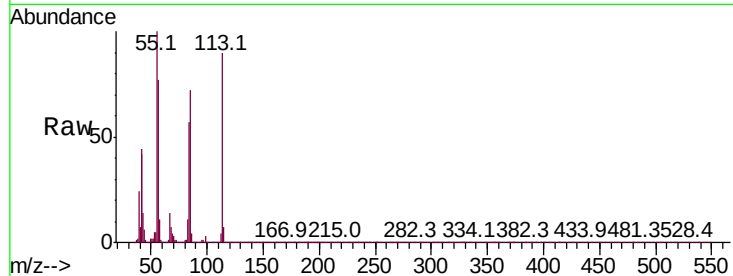




#35
Caprolactam
Concen: 41.158 ng
RT: 8.50 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

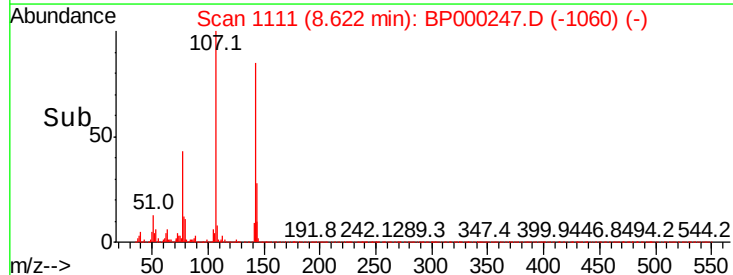
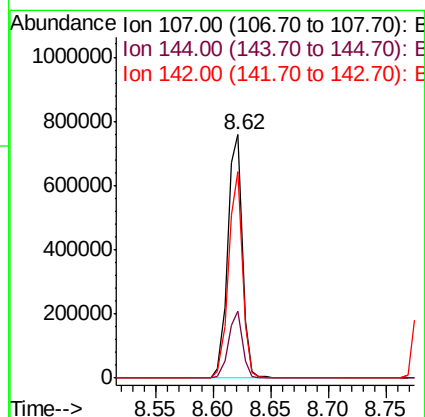
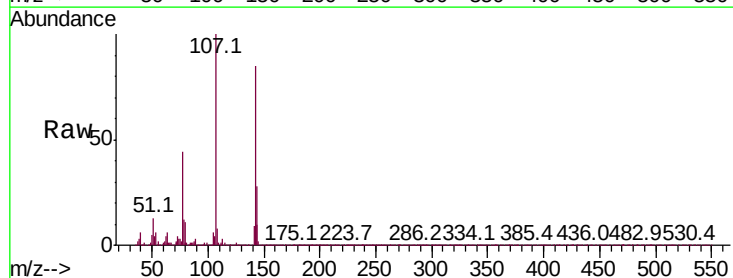
Instrument :
BNA_P
ClientSampleId :

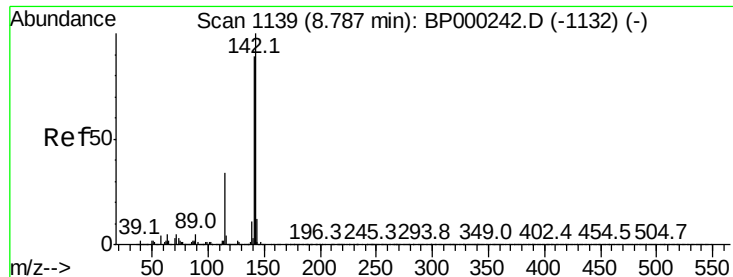
Tot Ion:113 Resp: 218480
Ion Ratio Lower Upper
113 100
55 111.0 96.8 136.8
56 85.5 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 42.209 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion:107 Resp: 668644
Ion Ratio Lower Upper
107 100
144 27.6 21.5 32.3
142 84.6 65.7 98.5





#37

2-Methylnaphthalene

Concen: 43.952 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

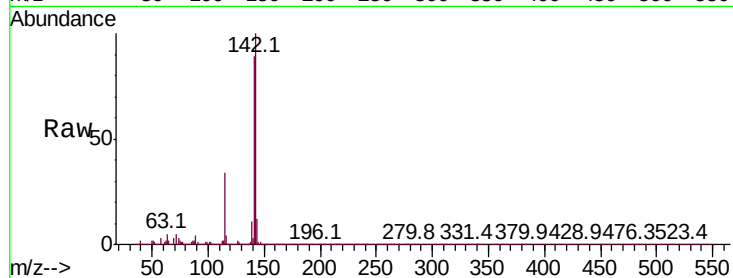
Tot Ion:142 Resp: 1490330

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	34.2	27.2	40.8

142 100

141 88.9 71.3 106.9

115 34.2 27.2 40.8

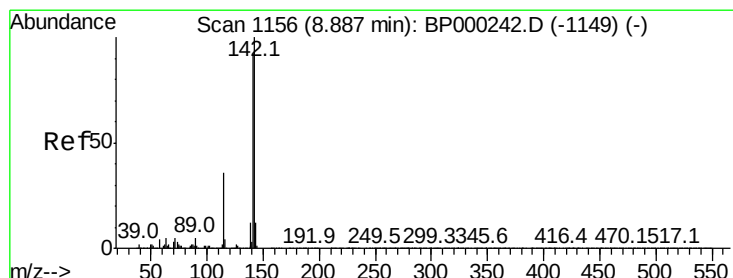
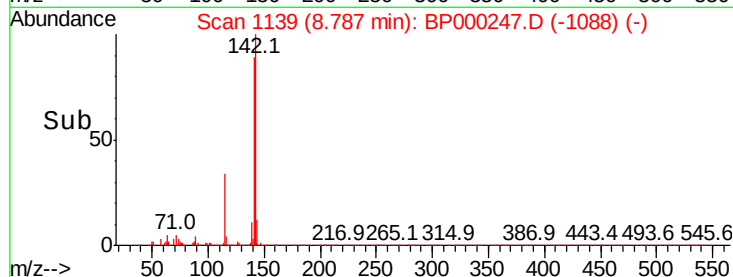
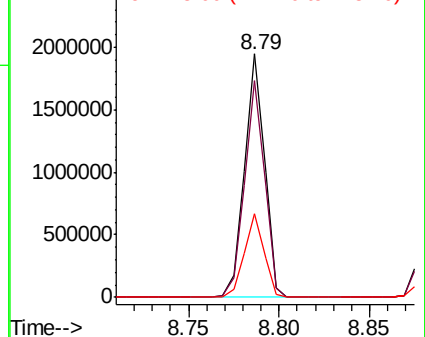


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.938 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

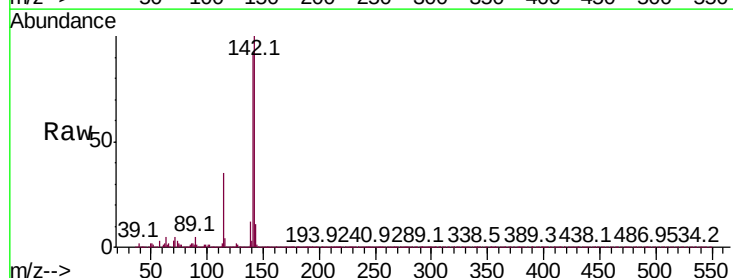
Tgt Ion:142 Resp: 1395602

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.9	110.9
116	3.8	3.0	4.6

142 100

141 92.2 73.9 110.9

116 3.8 3.0 4.6

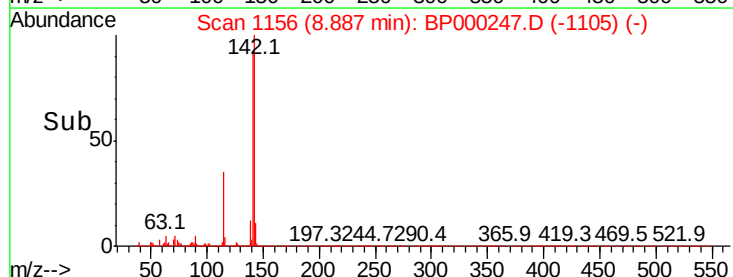
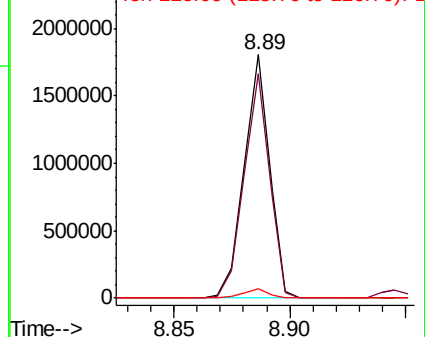


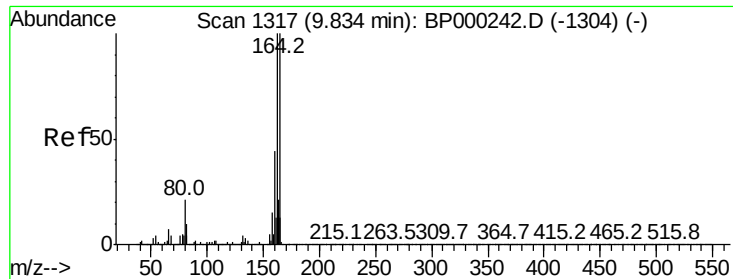
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BP000247.D

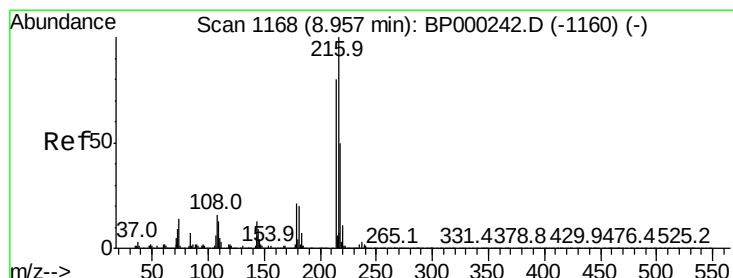
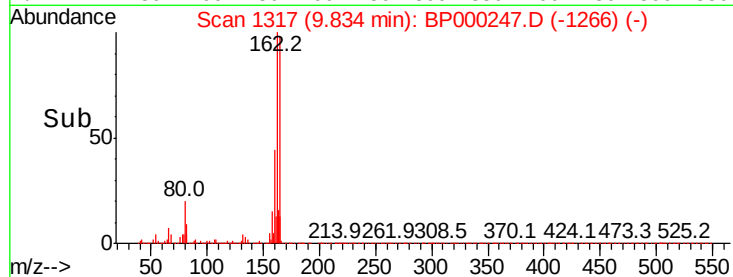
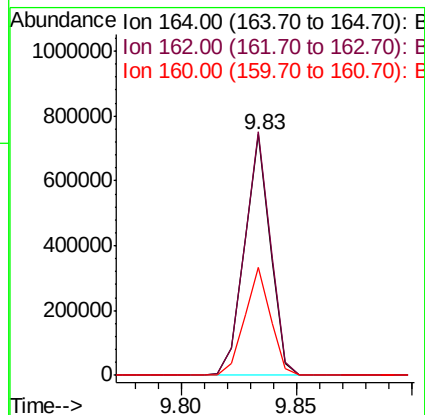
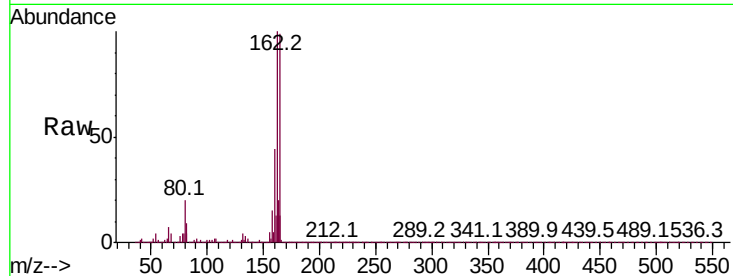
Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	164	Resp:	580820
Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.9	119.9
160	44.8	35.6	53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.487 ng

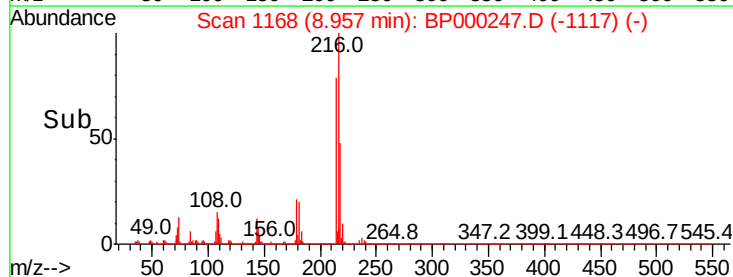
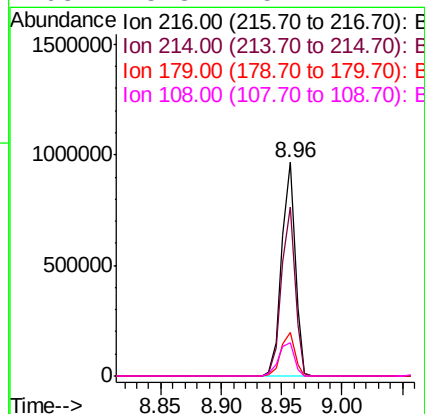
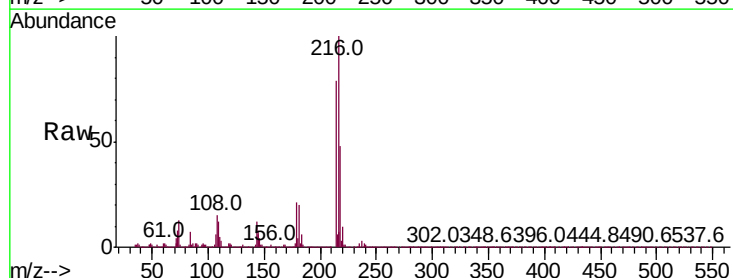
RT: 8.96 min Scan# 1168

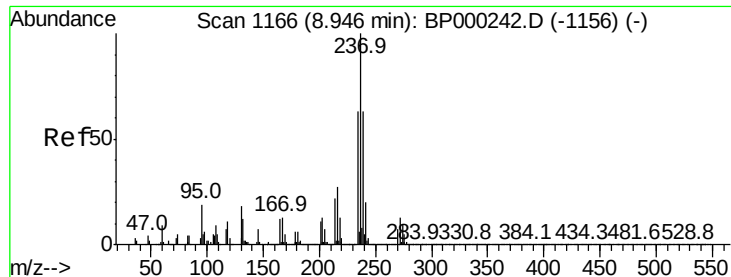
Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:	216	Resp:	738776
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.6	95.4
179	20.9	17.0	25.4
108	18.3	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 42.843 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

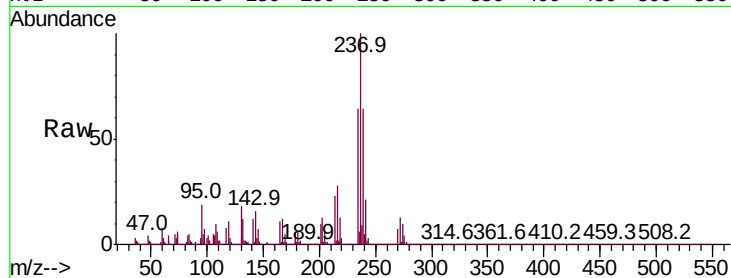
Tot Ion:237 Resp: 408550

Ion Ratio Lower Upper

237 100

235 63.5 43.5 83.5

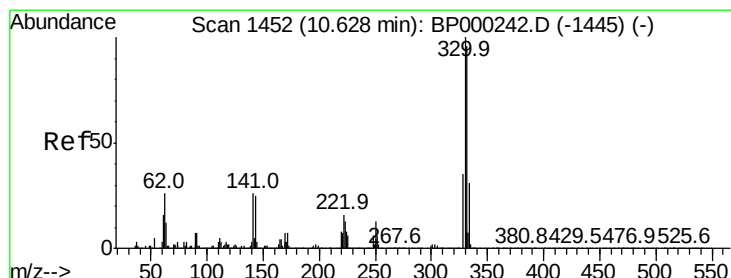
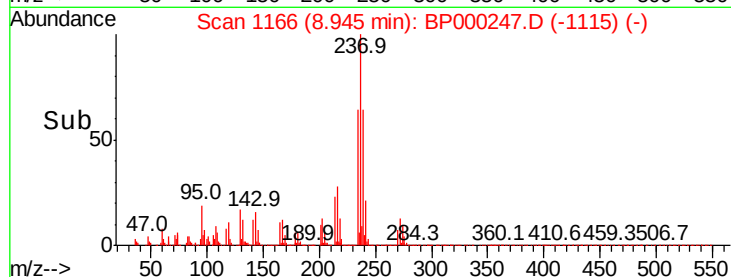
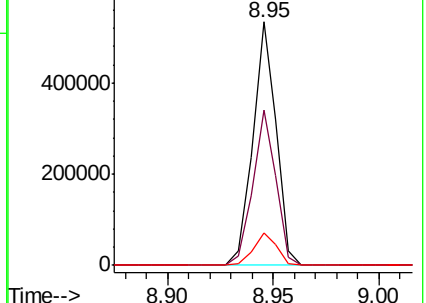
272 13.1 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.098 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

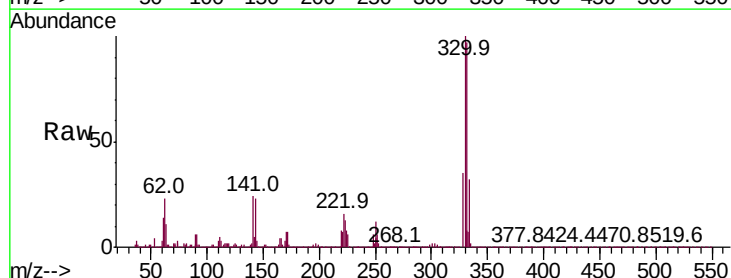
Tgt Ion:330 Resp: 501766

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

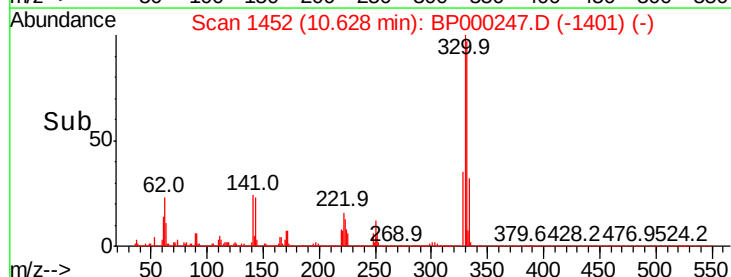
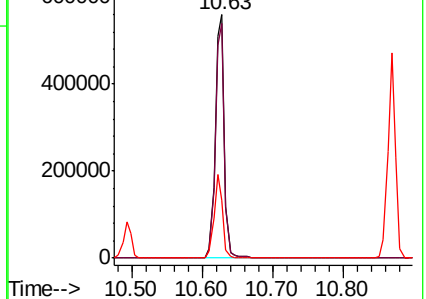
141 32.4 26.5 39.7

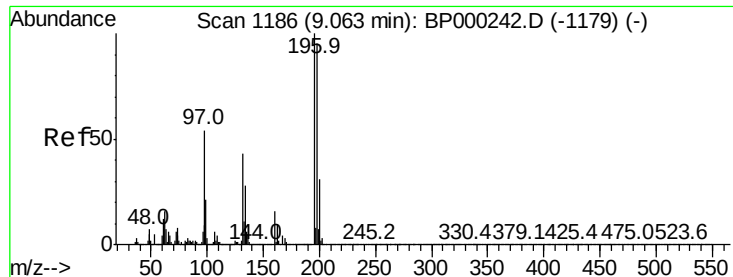


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

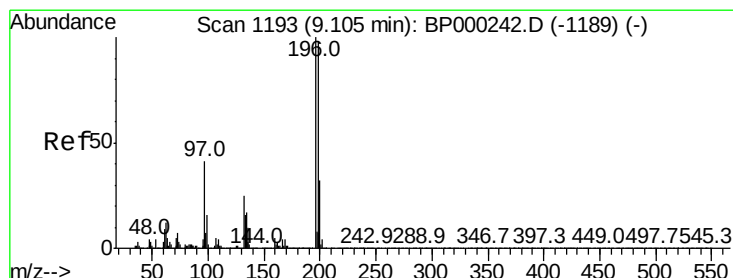
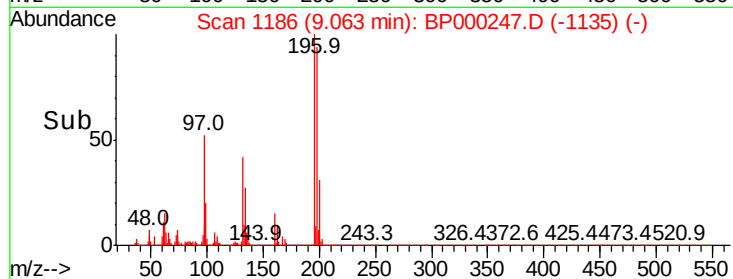
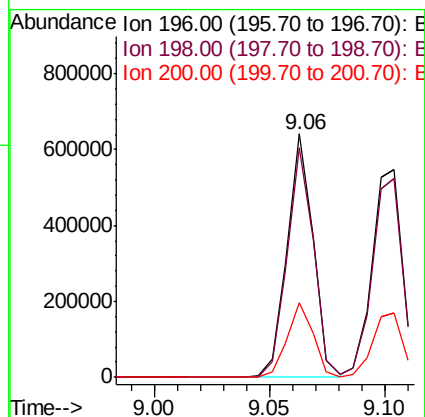
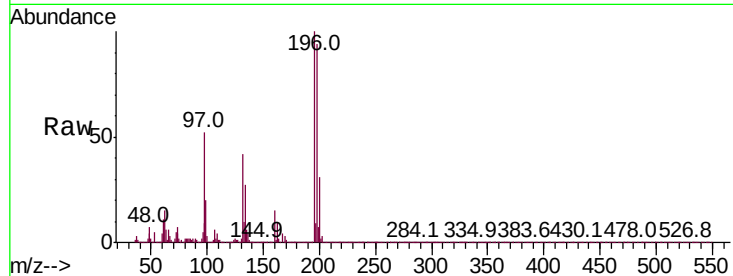




#43
 2,4,6-Trichlorophenol
 Concen: 43.299 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BP000247.D
 Acq: 16 Sep 2019 19:23

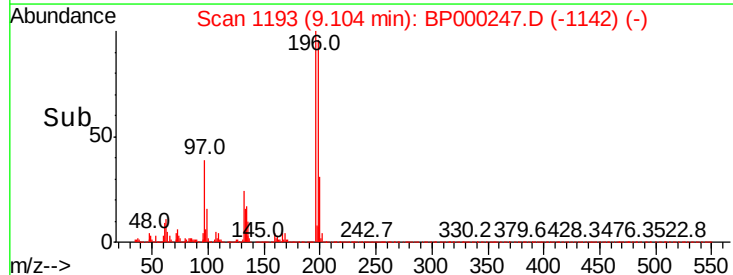
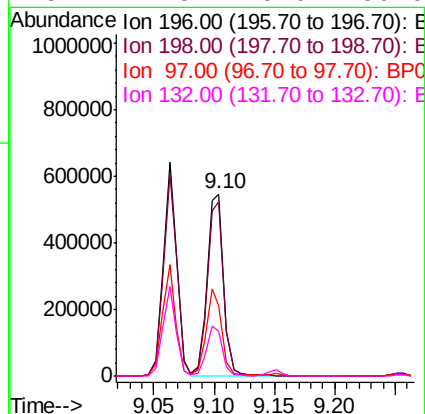
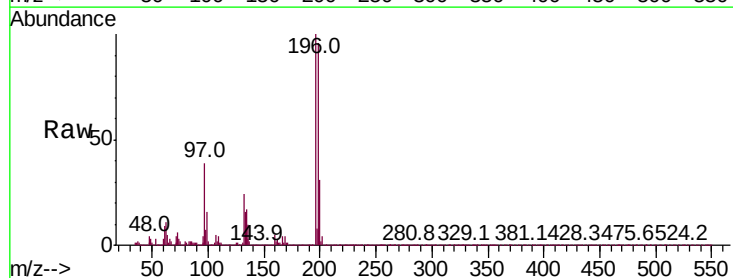
Instrument :
 BNA_P
 ClientSampleId :

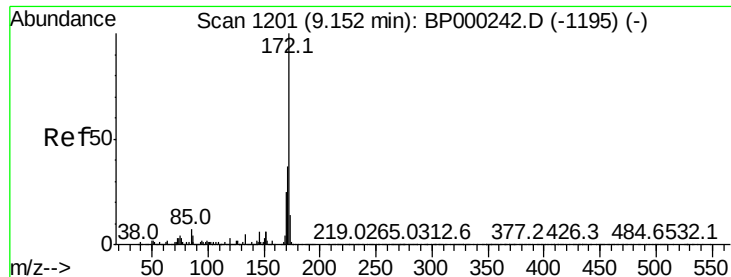
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.4	76.0	114.0
200	30.7	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.472 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BP000247.D
 Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	78.1	117.1
97	38.8	33.3	49.9
132	24.3	20.0	30.0

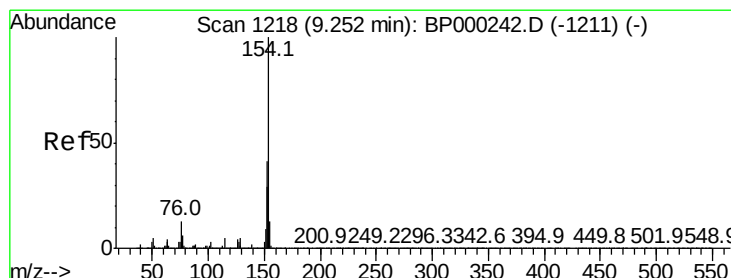
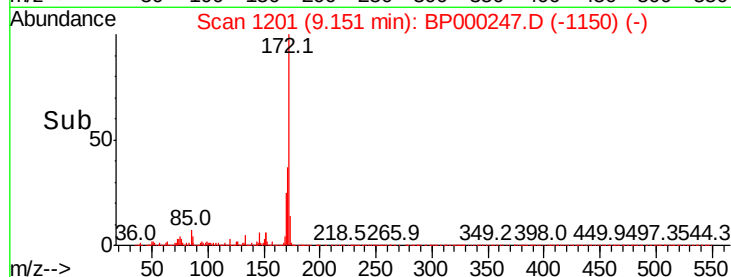
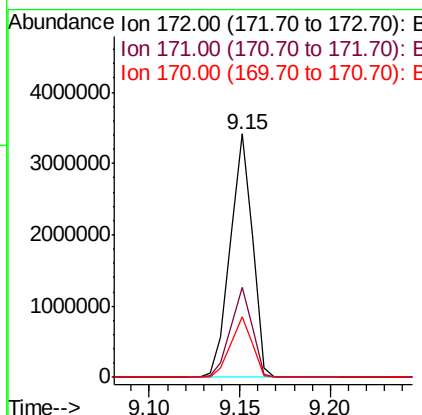
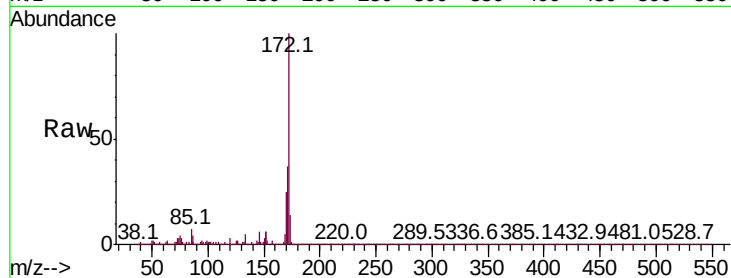




#45
2-Fluorobiphenyl
Concen: 90.499 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

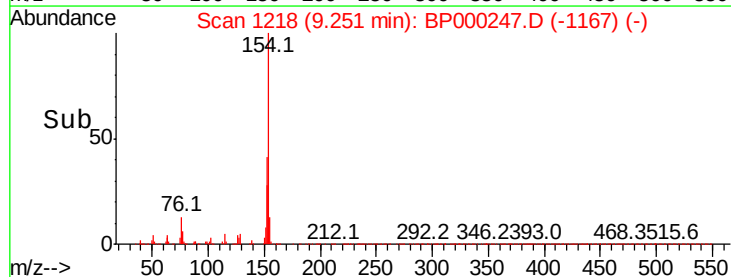
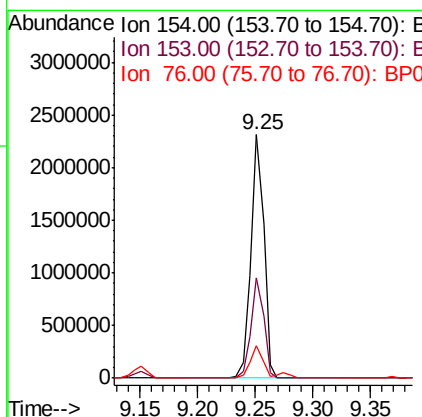
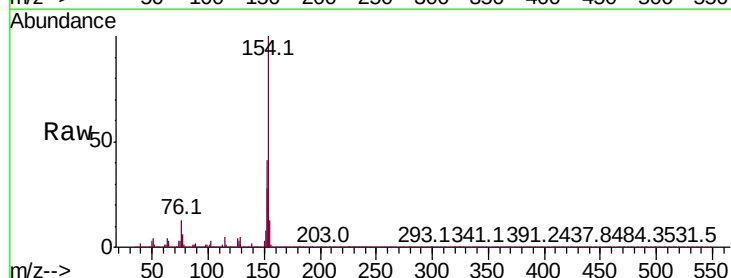
Instrument :
BNA_P
ClientSampleId :

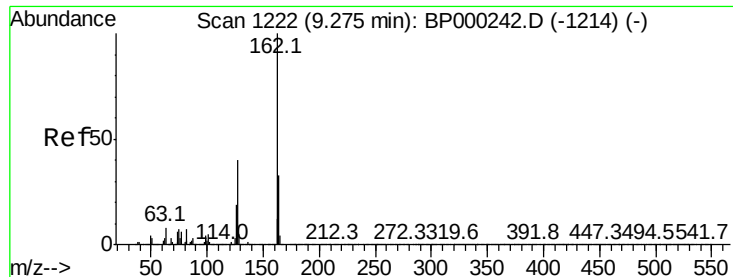
Tot Ion:172 Resp: 2920500
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.9 19.8 29.6



#46
1,1'-Biphenyl
Concen: 44.353 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion:154 Resp: 1782112
Ion Ratio Lower Upper
154 100
153 41.1 21.4 61.4
76 13.1 0.0 33.4





#47

2-Chloronaphthalene

Concen: 43.652 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

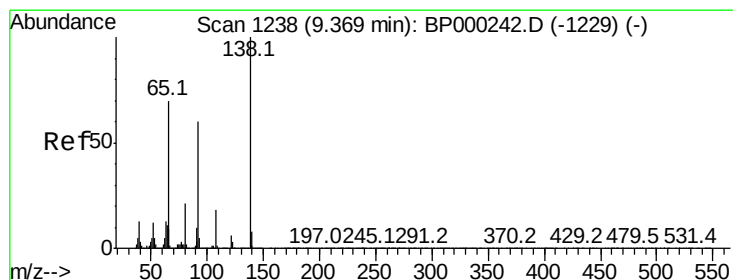
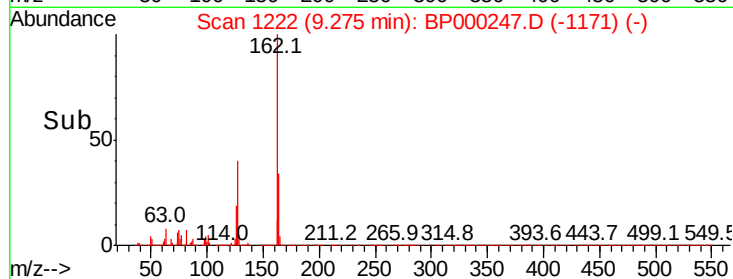
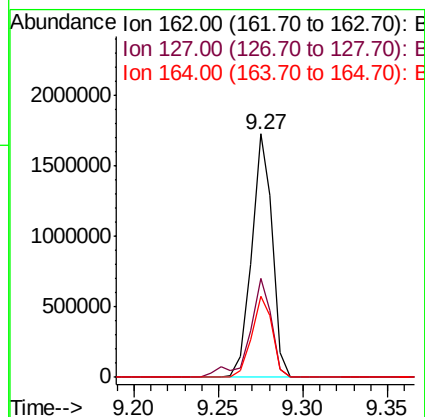
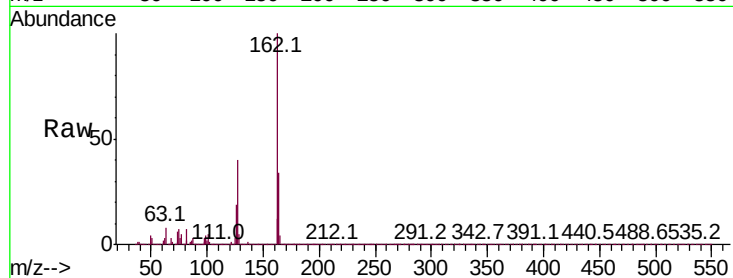
Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :

Tot Ion:162 Resp: 1471306

Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.4	48.6
164	33.5	26.3	39.5



#48

2-Nitroaniline

Concen: 42.095 ng

RT: 9.37 min Scan# 1238

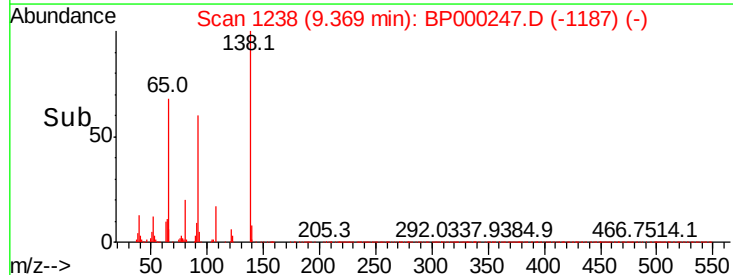
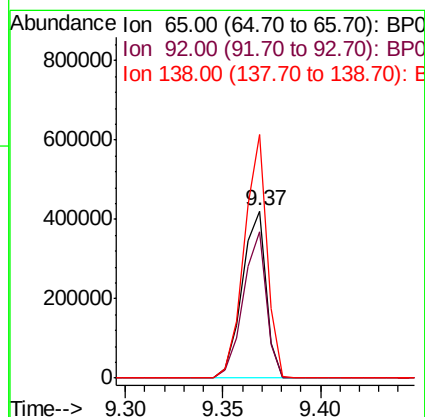
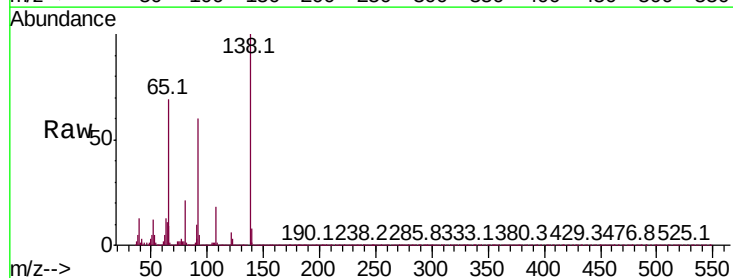
Delta R.T. -0.00 min

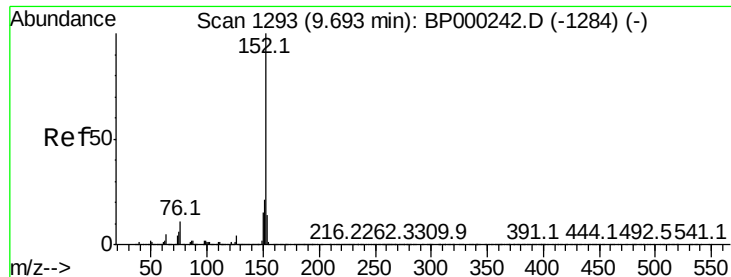
Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion: 65 Resp: 360308

Ion	Ratio	Lower	Upper
65	100		
92	87.1	68.7	103.1
138	145.4	114.4	171.6





#49

Acenaphthylene

Concen: 43.938 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

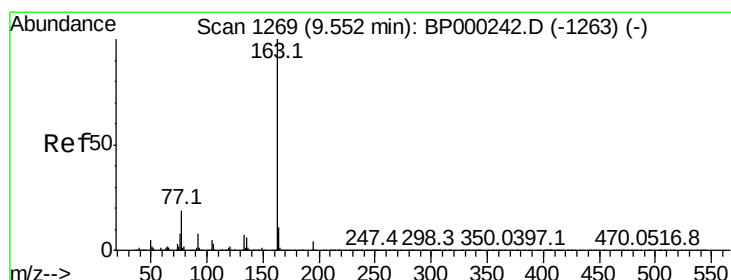
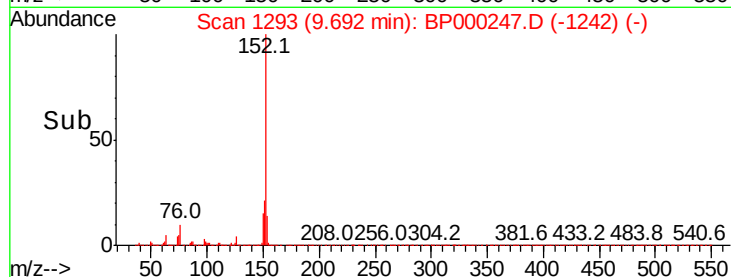
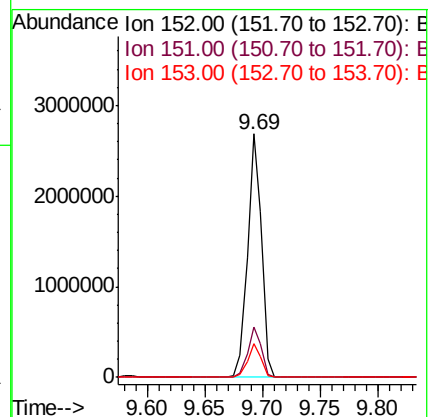
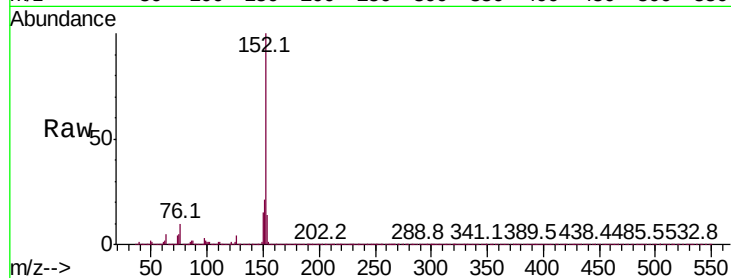
Tot Ion:152 Resp: 2226113

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

153 13.6 11.0 16.4



#50

Dimethylphthalate

Concen: 42.649 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

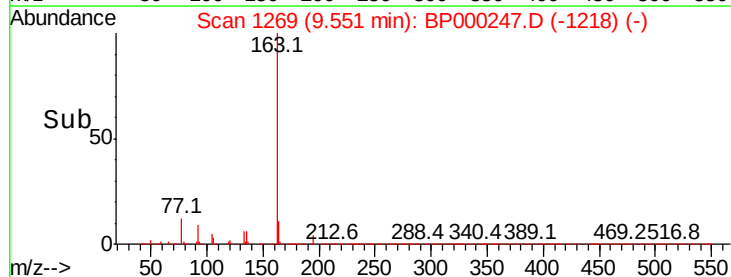
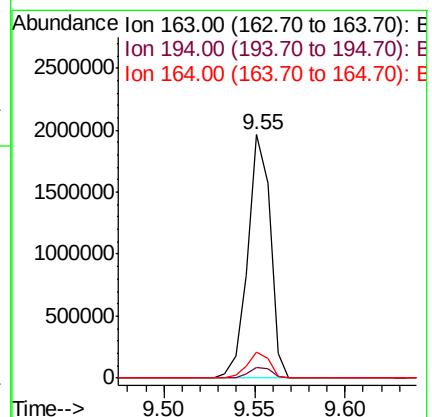
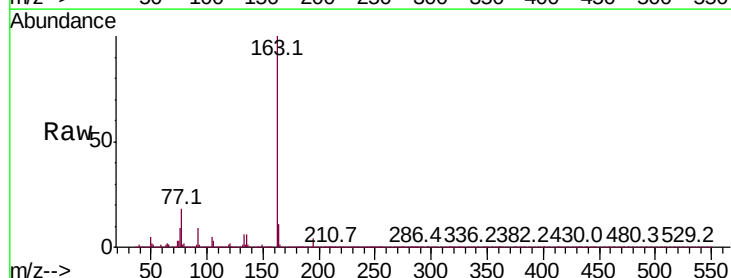
Tgt Ion:163 Resp: 1687701

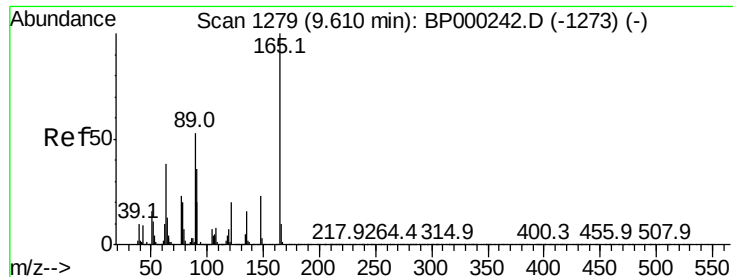
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 10.6 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 42.833 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampled :

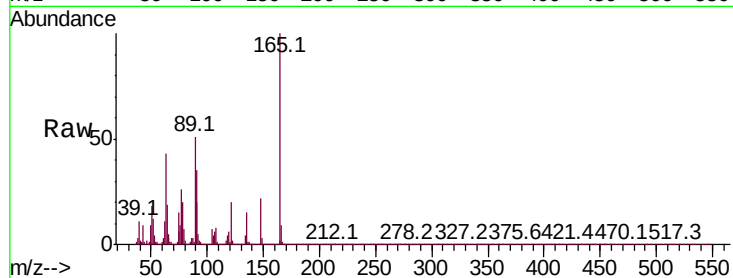
Tot Ion:165 Resp: 372686

Ion Ratio Lower Upper

165 100

63 43.1 35.8 53.8

89 50.9 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

600000

500000

400000

300000

200000

100000

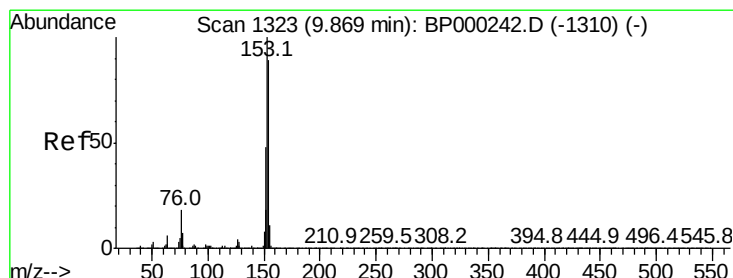
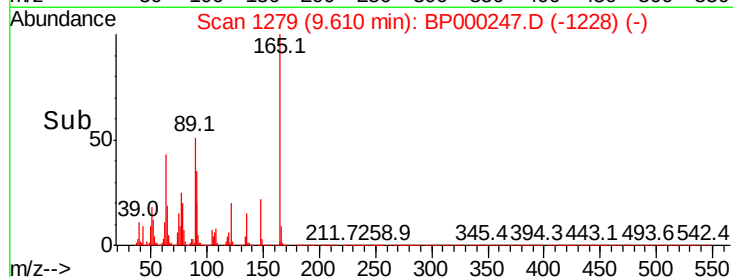
0

9.55

9.60

9.65

Time-->



#52

Acenaphthene

Concen: 43.823 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

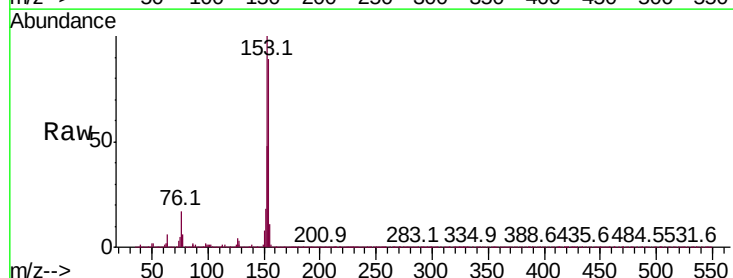
Tgt Ion:154 Resp: 1401127

Ion Ratio Lower Upper

154 100

153 112.4 89.8 134.6

152 53.7 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

2500000

2000000

1500000

1000000

500000

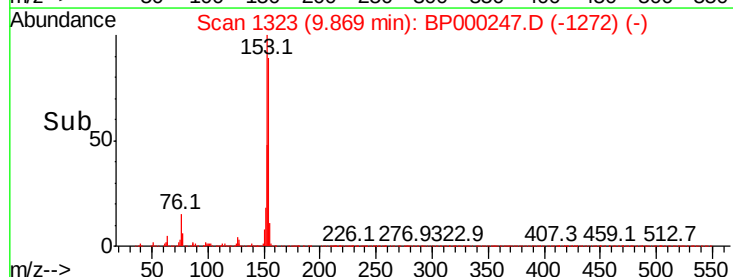
0

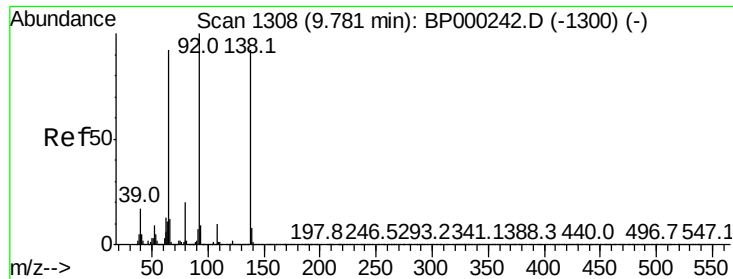
9.80

9.90

10.00

Time-->

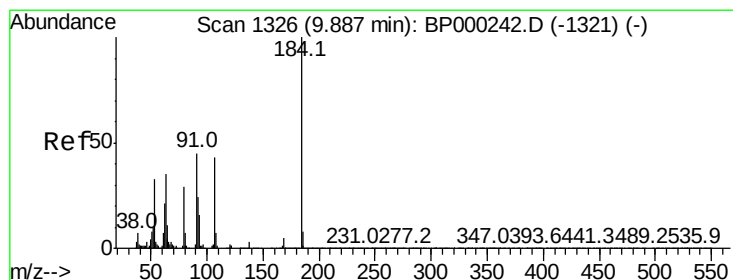
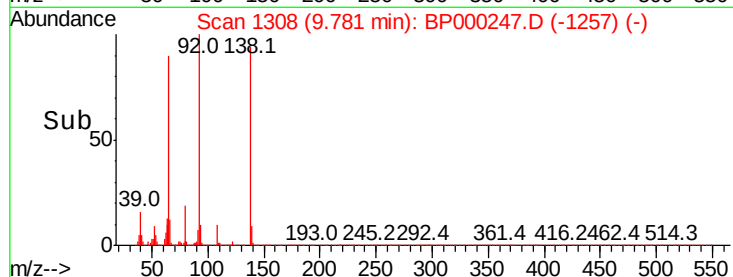
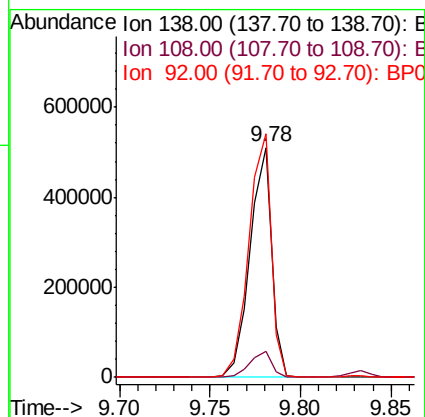
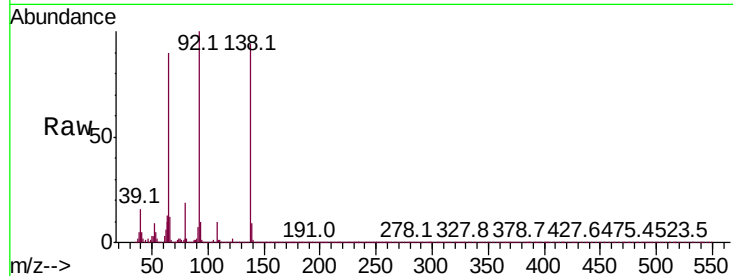




#53
3-Nitroaniline
Concen: 41.941 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

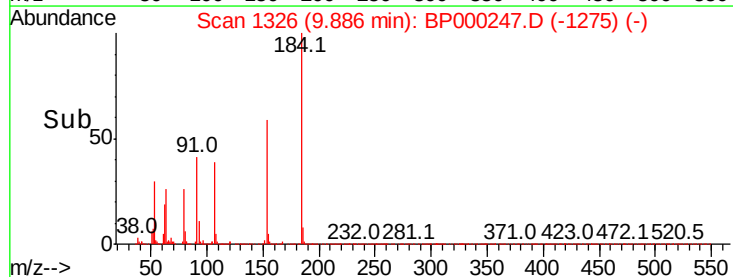
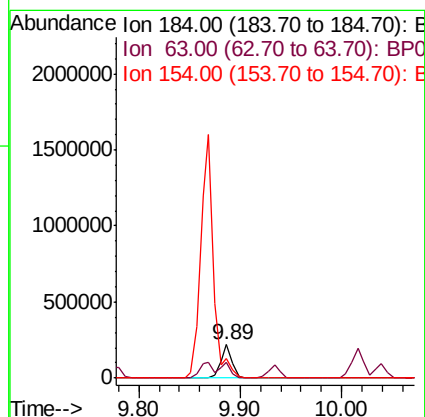
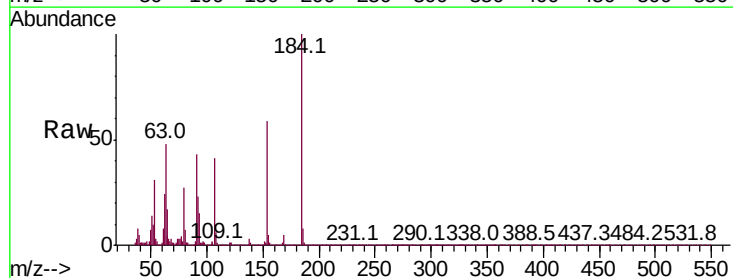
Instrument :
BNA_P
ClientSampleId :

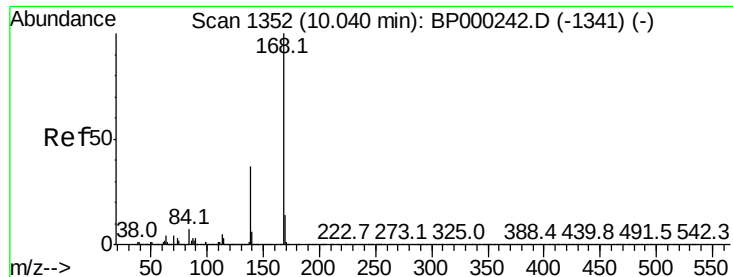
Tot Ion:138 Resp: 423587
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 106.0 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 44.038 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion:184 Resp: 169285
Ion Ratio Lower Upper
184 100
63 47.7 39.5 59.3
154 59.0 48.8 73.2





#55

Dibenzofuran

Concen: 44.056 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

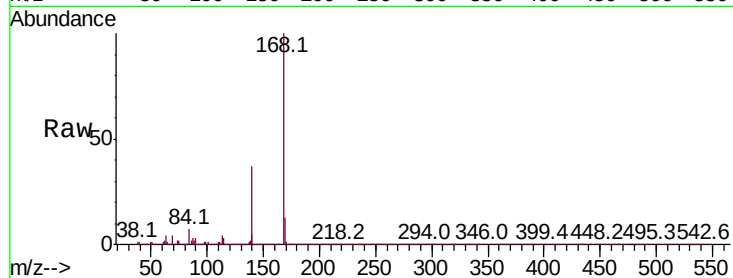
Tot Ion:168 Resp: 1991229

Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.0	45.0
169	13.4	11.0	16.6

168 100

139 37.2 30.0 45.0

169 13.4 11.0 16.6

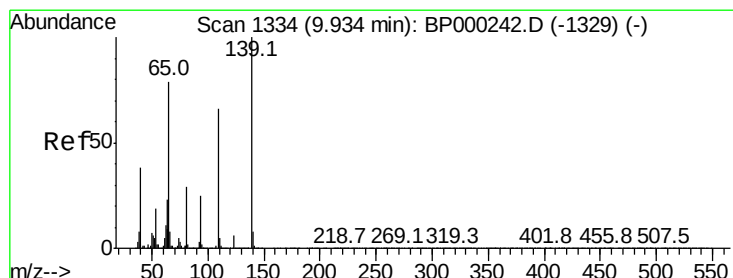
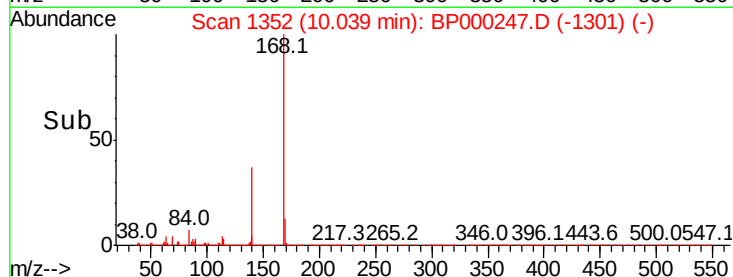
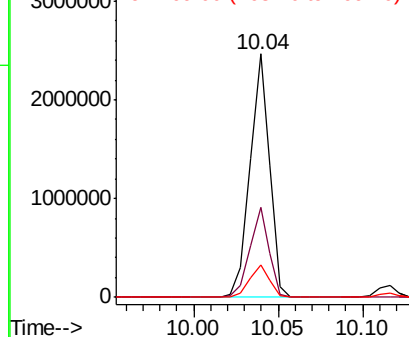


Abundance

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: 42.124 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

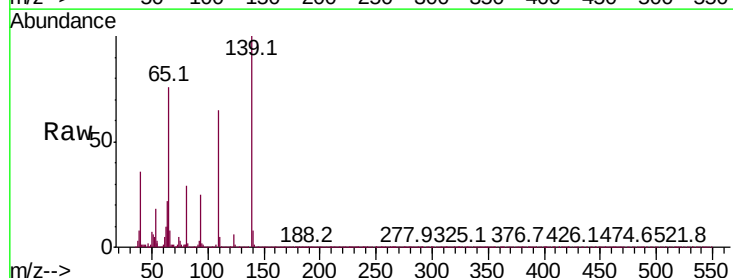
Tgt Ion:139 Resp: 316428

Ion	Ratio	Lower	Upper
139	100		
109	65.4	46.2	86.2
65	76.5	59.4	99.4

139 100

109 65.4 46.2 86.2

65 76.5 59.4 99.4

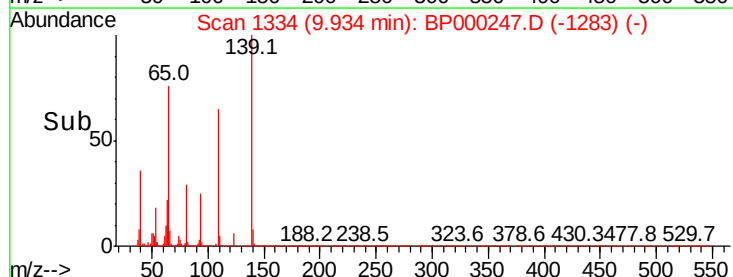
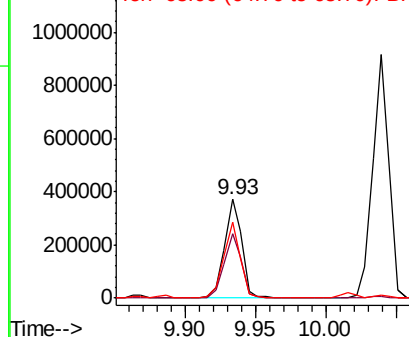


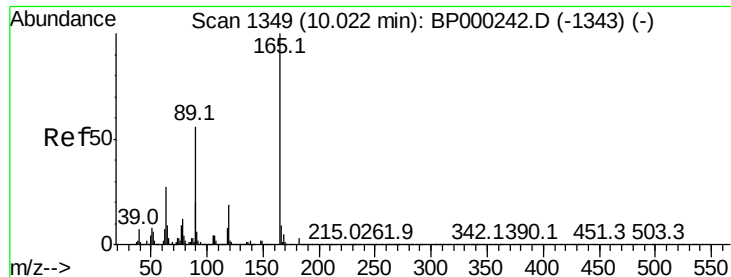
Abundance

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

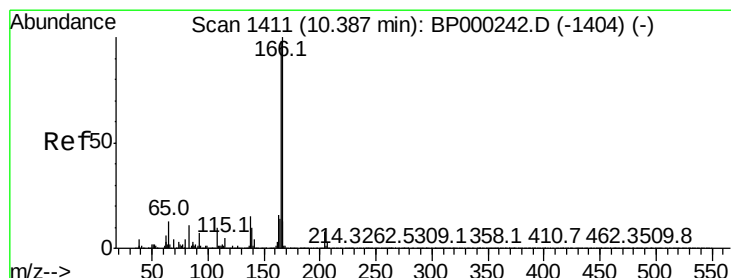
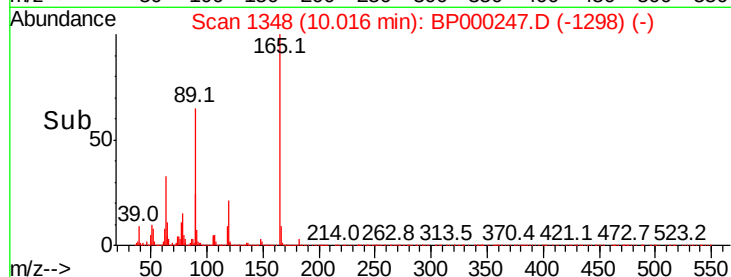
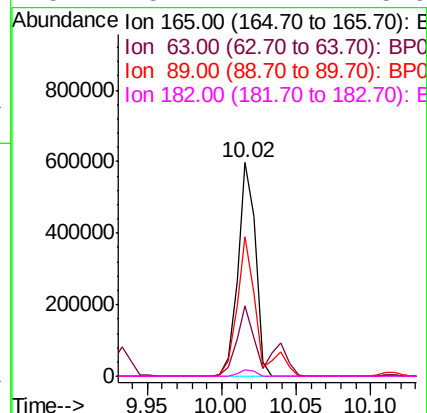
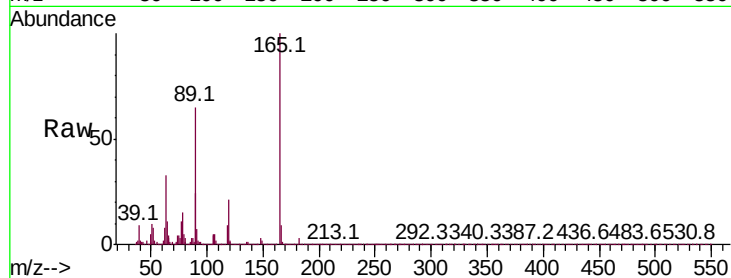




#57
2,4-Dinitrotoluene
Concen: 43.601 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

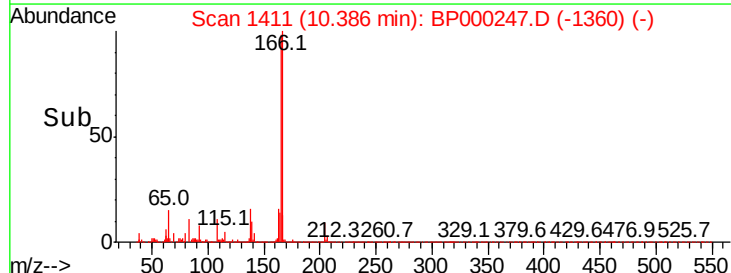
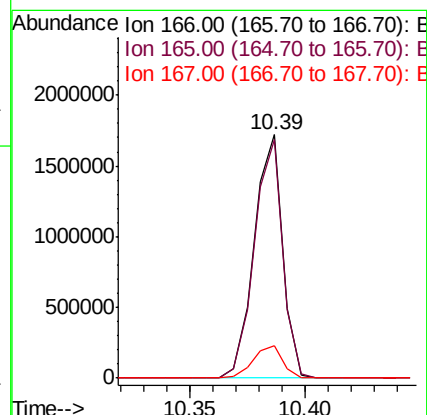
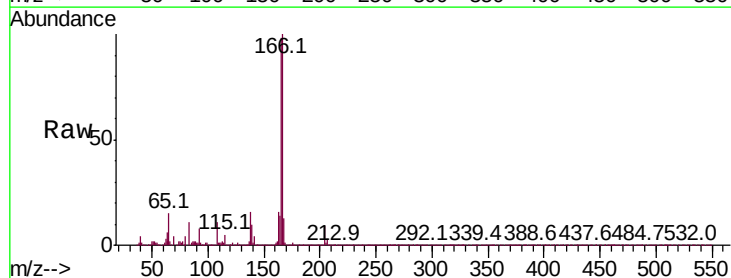
Instrument :
BNA_P
ClientSampled :

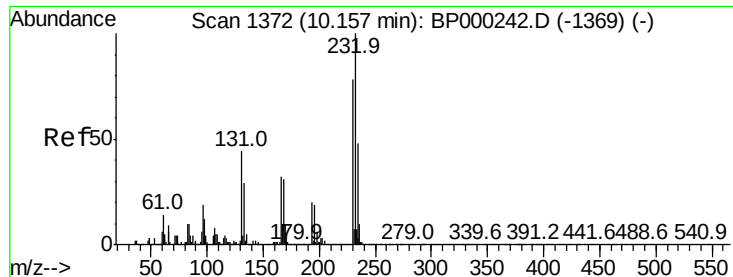
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.1	21.7	32.5#
89	65.2	45.0	67.6
182	3.1	2.4	3.6



#58
Fluorene
Concen: 42.513 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.2
167	13.3	10.7	16.1

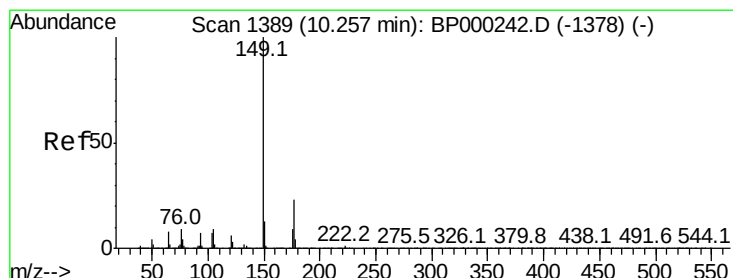
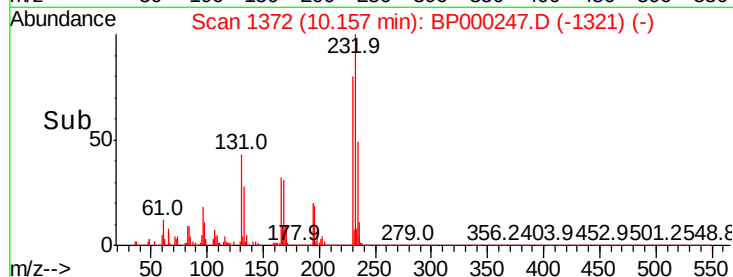
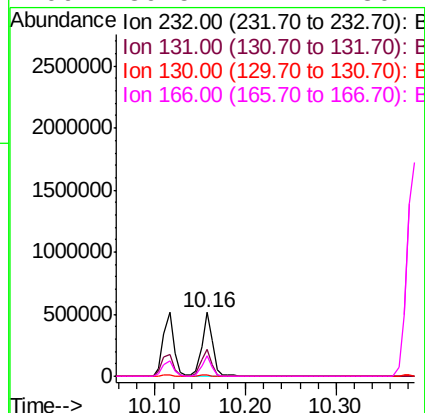
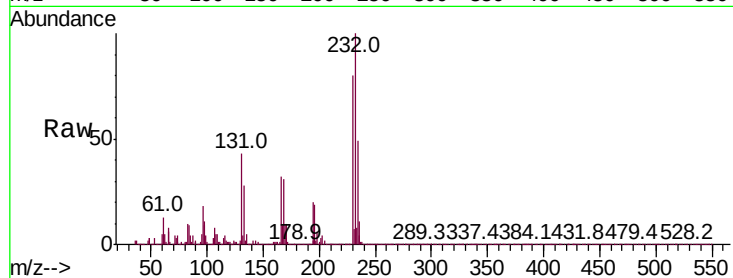




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.315 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

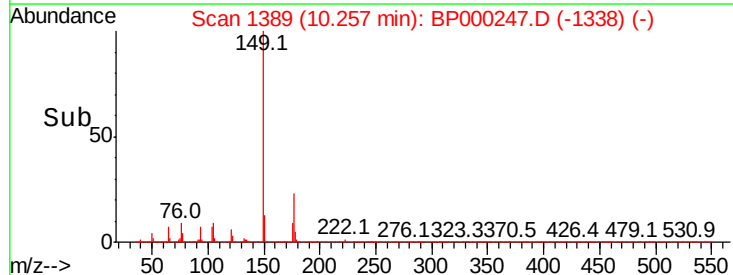
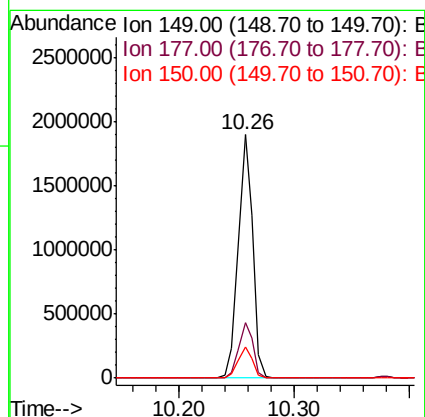
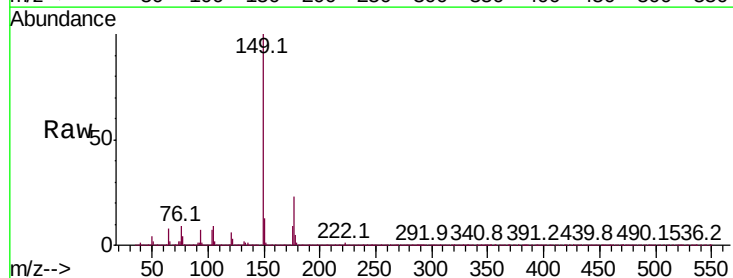
Instrument :
BNA_P
ClientSampleId :

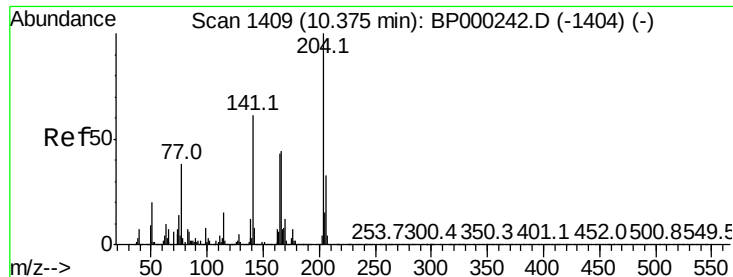
Tot Ion:	232	Resp:	419384
Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.6	50.4
130	2.2	1.8	2.6
166	30.5	24.2	36.2



#60
Diethylphthalate
Concen: 42.820 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion:	149	Resp:	1630041
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.1	27.1
150	12.7	10.3	15.5

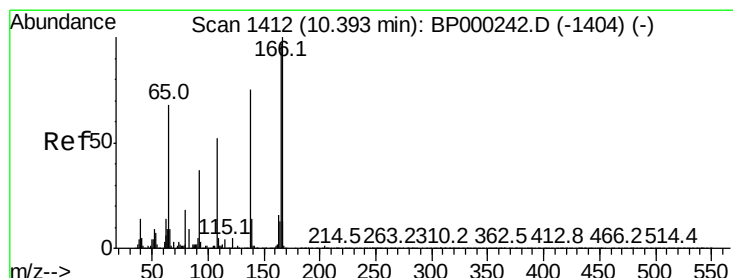
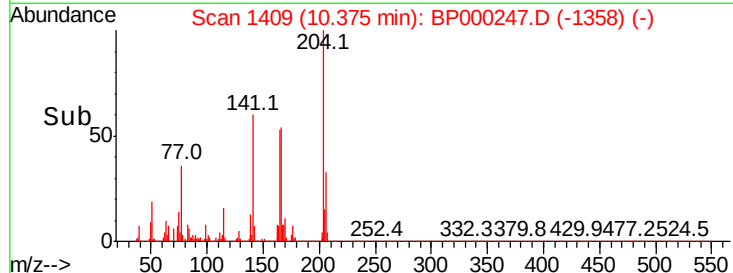
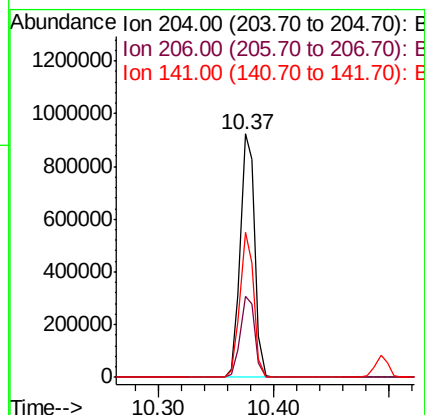
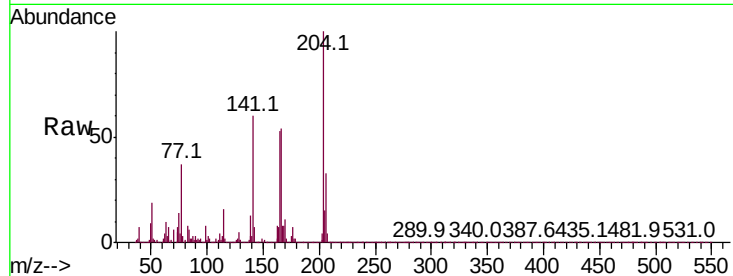




#61
4-Chlorophenyl-phenylether
Concen: 44.547 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

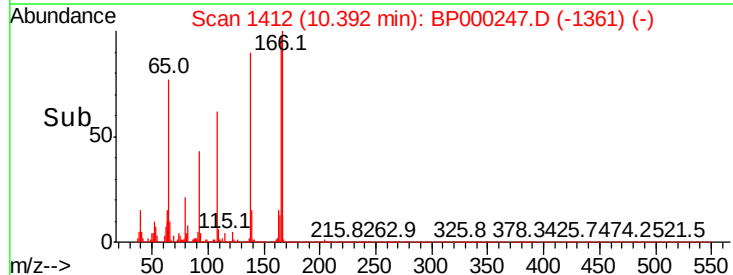
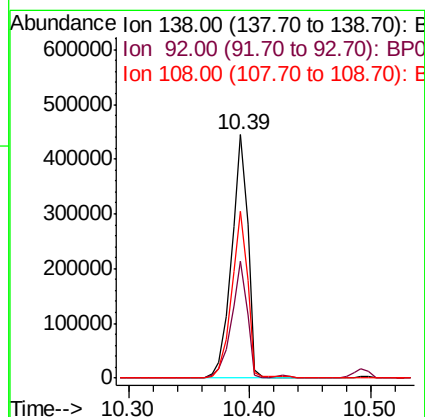
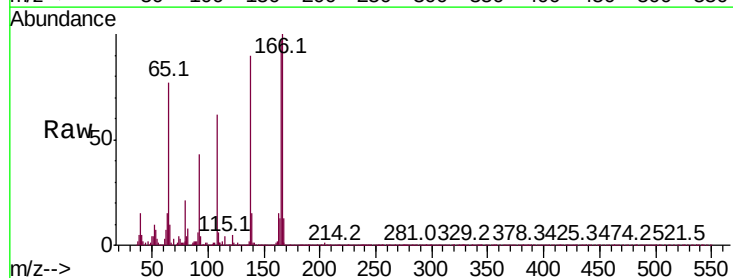
Instrument :
BNA_P
ClientSampled :

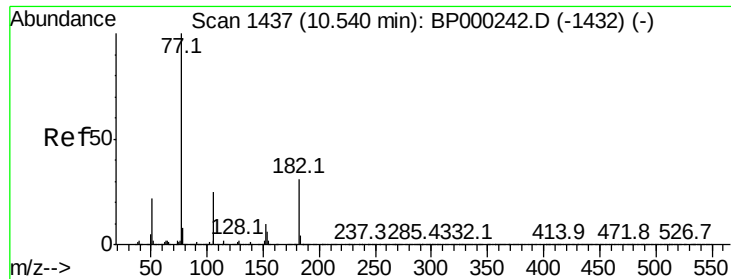
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	59.8	48.6	72.8



#62
4-Nitroaniline
Concen: 41.802 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	30.1	70.1
108	68.7	49.5	89.5

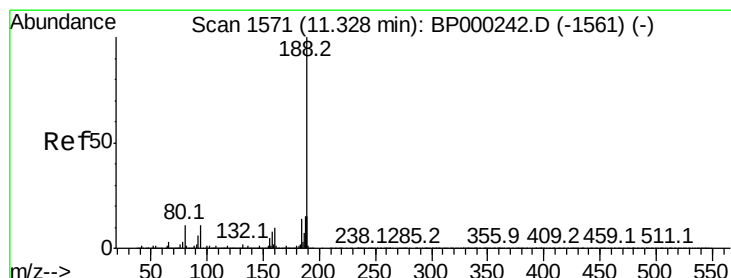
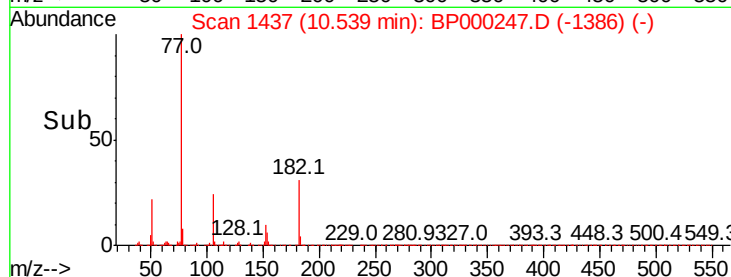
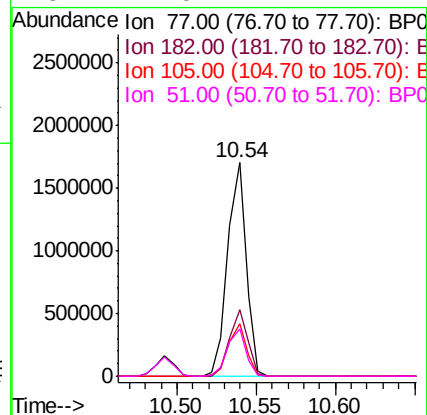
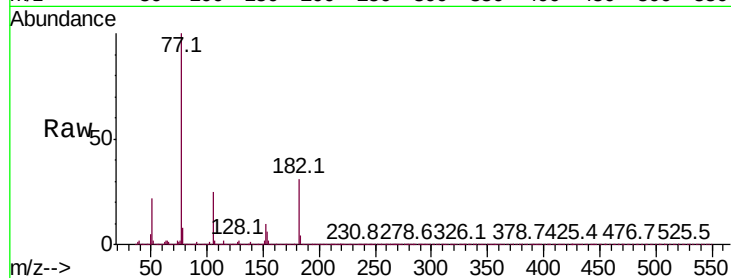




#63
Azobenzene
Concen: 42.722 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

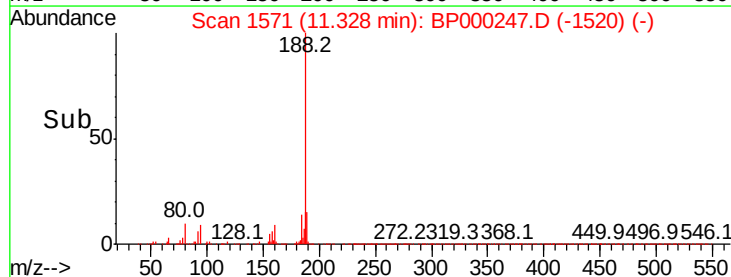
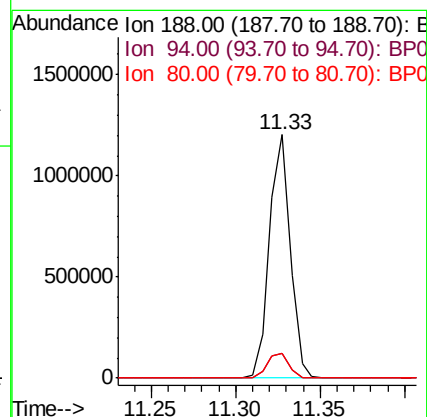
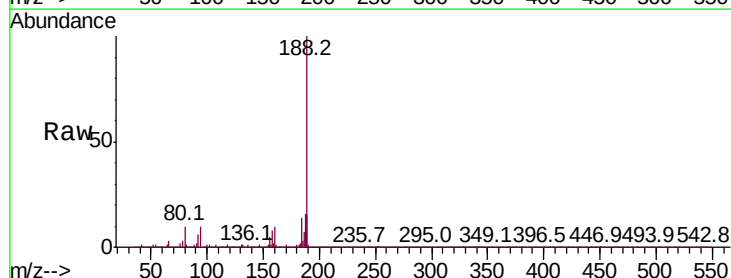
Instrument :
BNA_P
ClientSampleId :

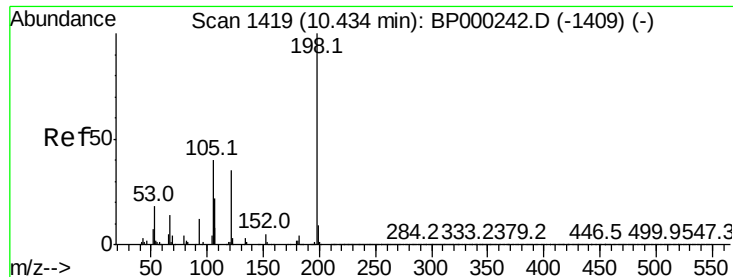
Tot Ion: 77 Resp: 1377834
Ion Ratio Lower Upper
77 100
182 31.1 11.1 51.1
105 24.6 4.7 44.7
51 22.0 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion: 188 Resp: 1029951
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.1 8.6 13.0

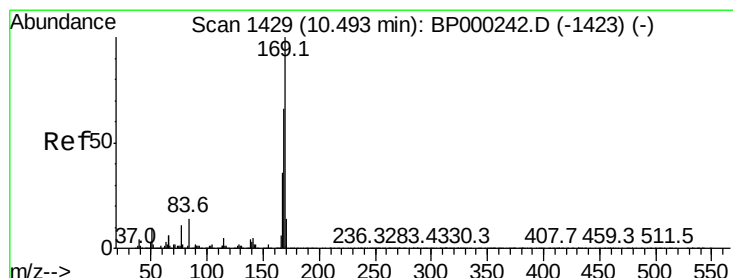
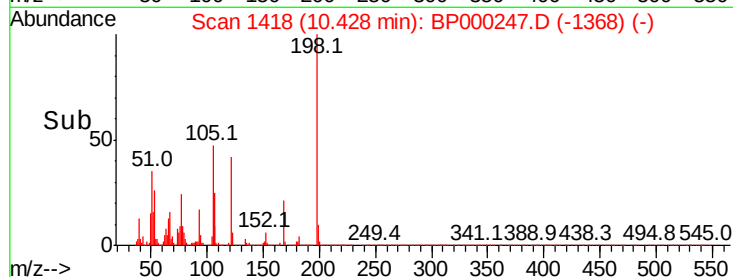
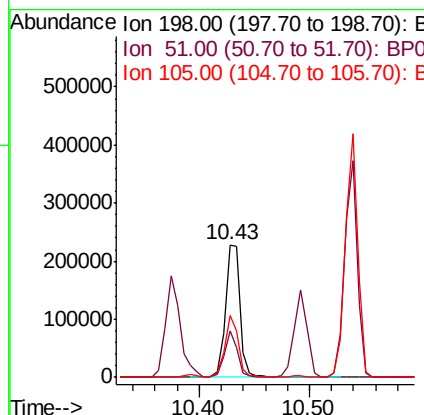
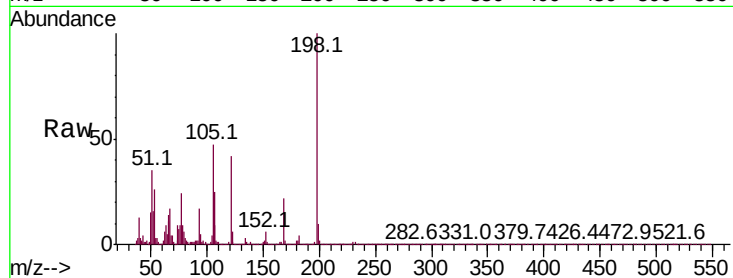




#65
4,6-Dinitro-2-methylphenol
Concen: 43.854 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

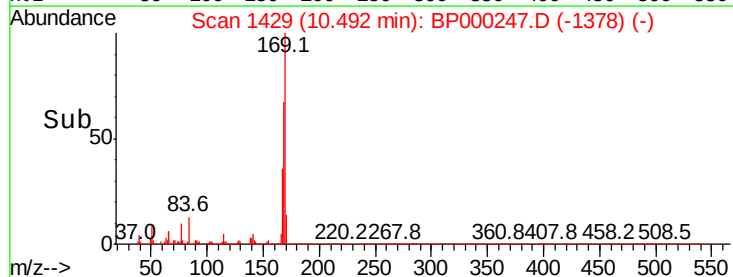
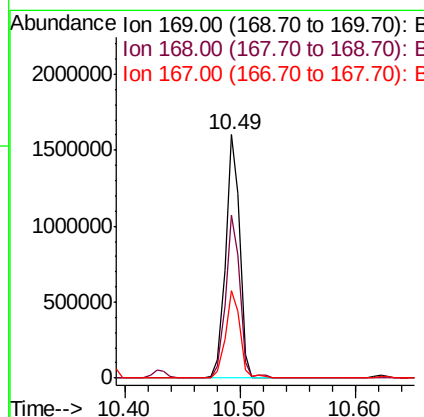
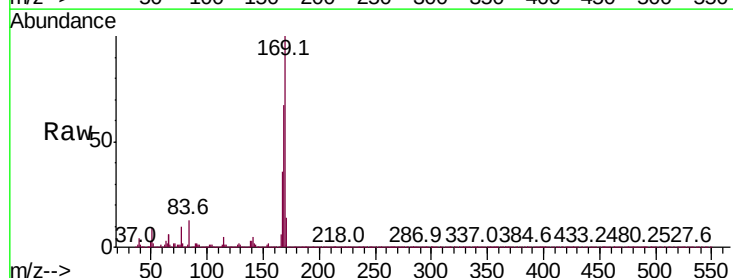
Instrument :
BNA_P
ClientSampleId :

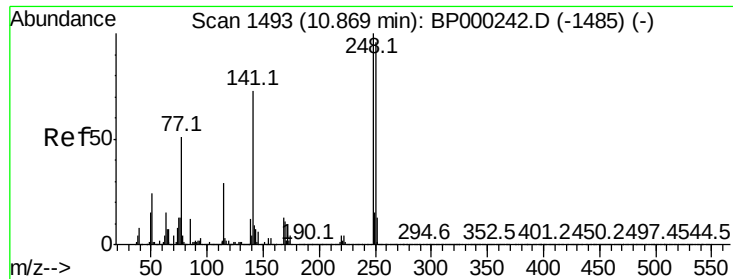
Tot Ion:198 Resp: 212380
Ion Ratio Lower Upper
198 100
51 34.6 7.4 47.4
105 46.9 20.2 60.2



#66
n-Nitrosodiphenylamine
Concen: 43.569 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion:169 Resp: 1350855
Ion Ratio Lower Upper
169 100
168 66.7 52.9 79.3
167 36.0 29.0 43.6

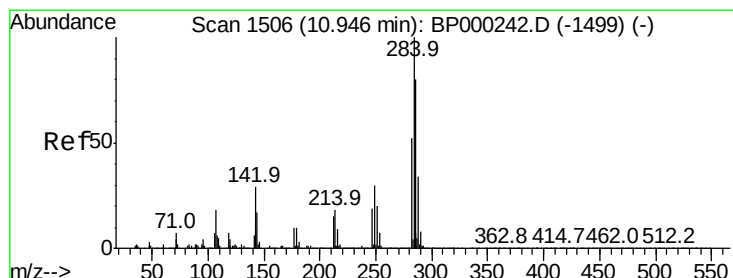
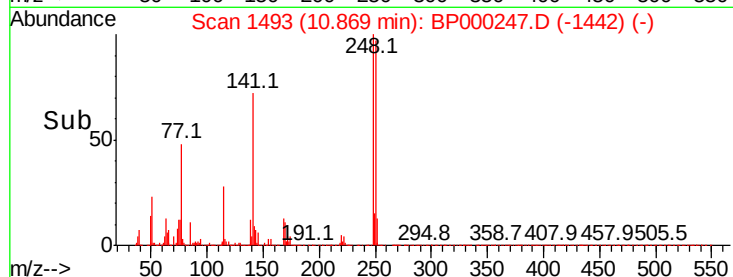
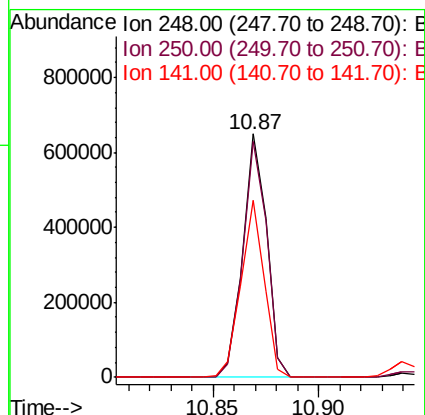
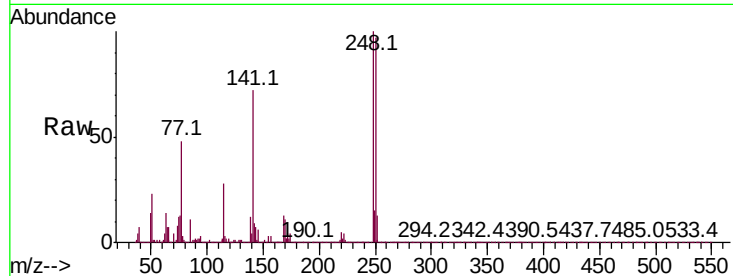




#67
4-Bromophenyl-phenylether
Concen: 43.387 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

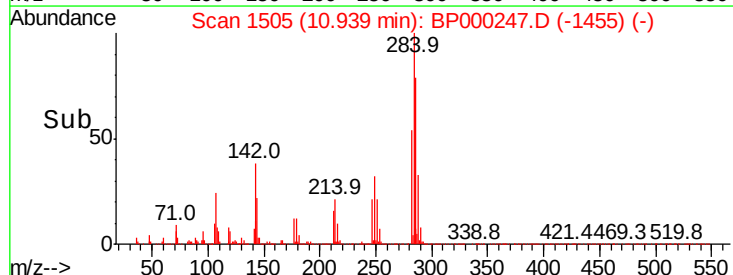
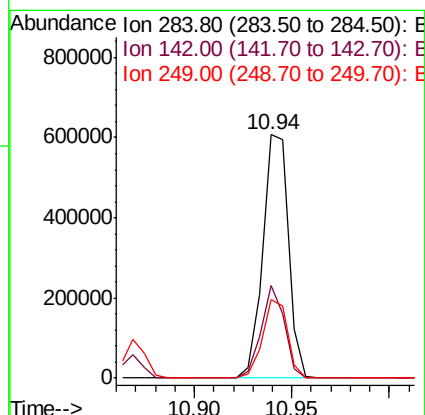
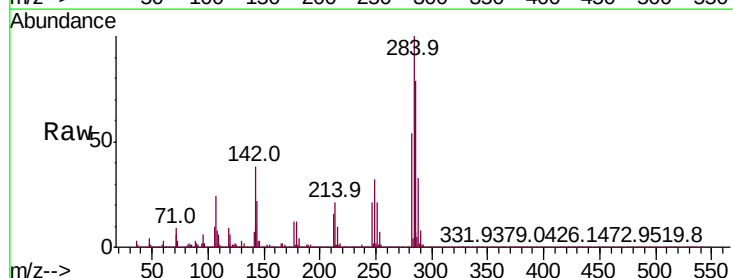
Instrument :
BNA_P
ClientSampled :

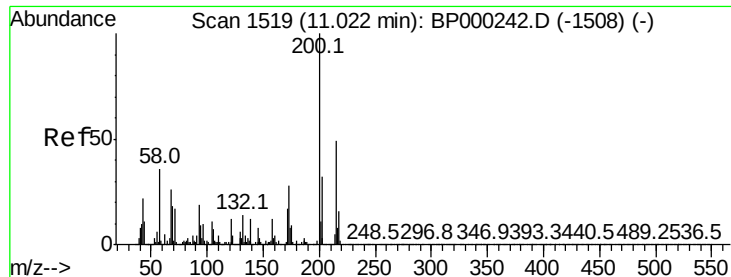
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.0	115.4
141	72.5	58.5	87.7



#68
Hexachlorobenzene
Concen: 43.495 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	23.6	35.4#
249	32.5	24.3	36.5





#69

Atrazine

Concen: 38.100 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

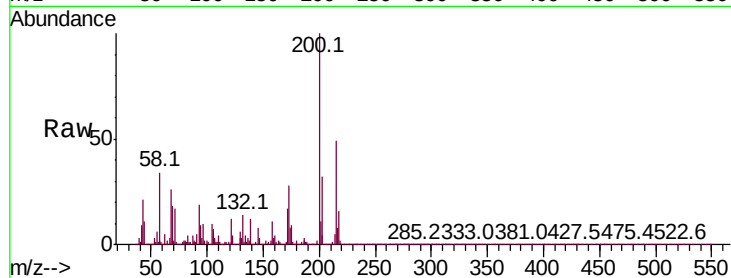
Tot Ion:200 Resp: 318443

Ion Ratio Lower Upper

200 100

173 27.7 7.6 47.6

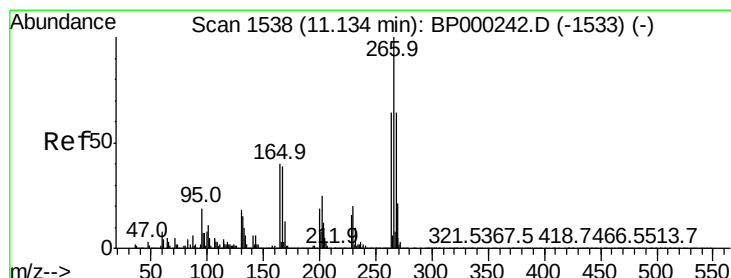
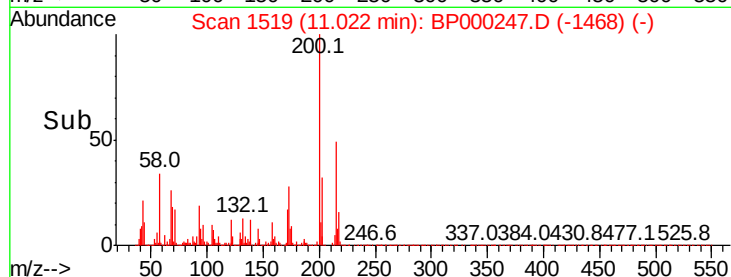
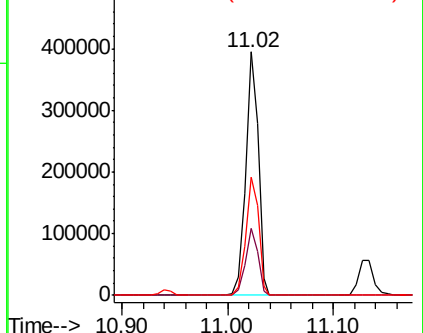
215 48.7 28.6 68.6



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: 44.036 ng

RT: 11.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

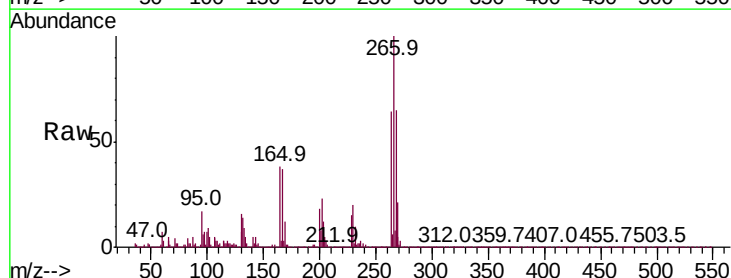
Tgt Ion:266 Resp: 305375

Ion Ratio Lower Upper

266 100

268 65.3 51.6 77.4

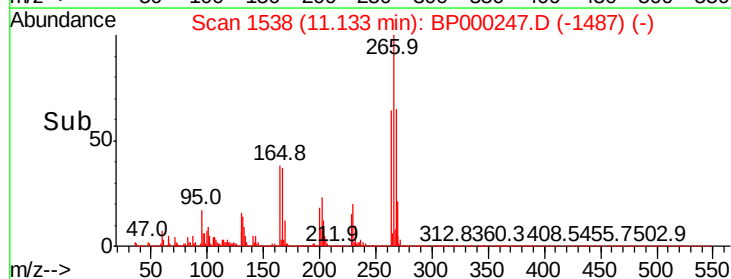
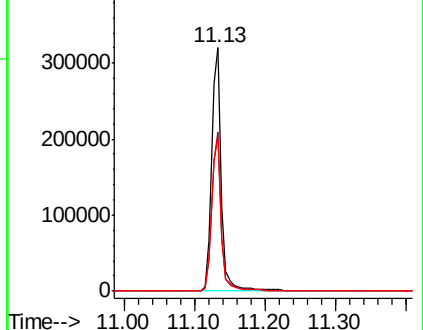
264 63.5 50.8 76.2

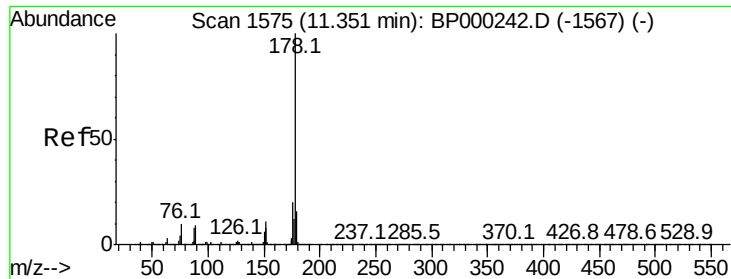


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

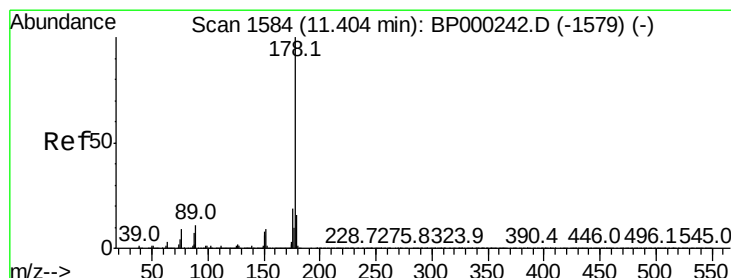
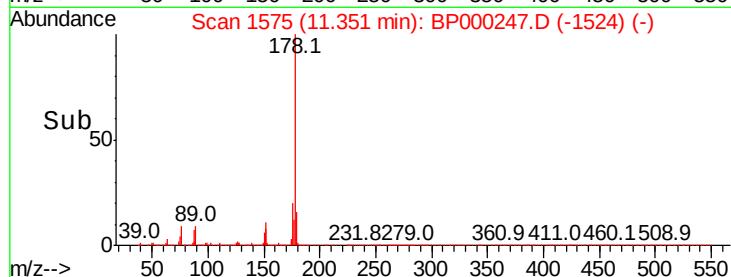
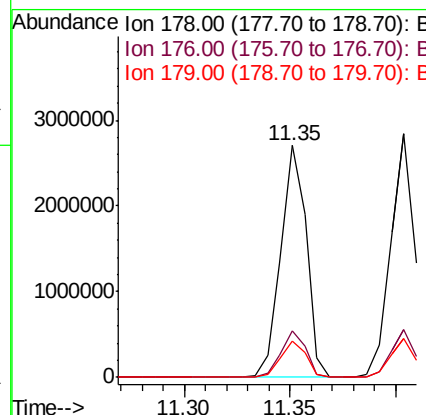
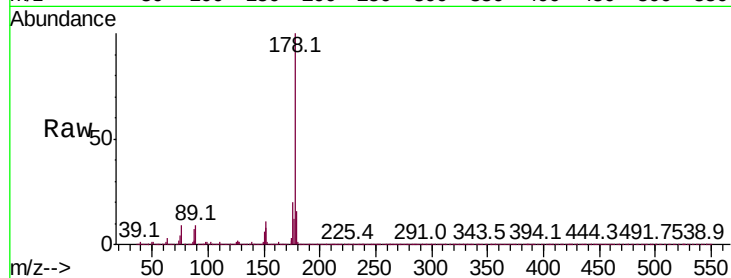




#71
Phenanthrene
Concen: 44.197 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

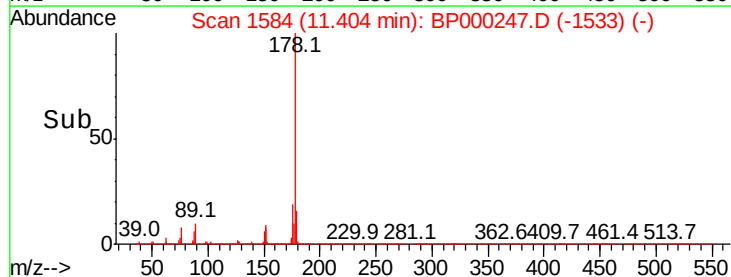
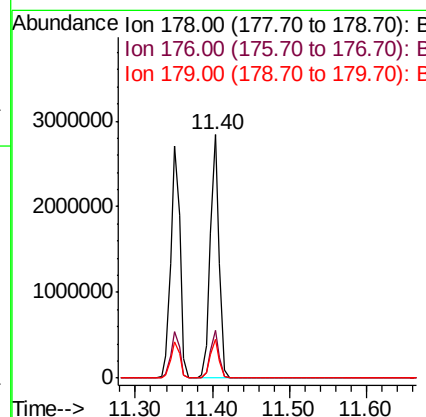
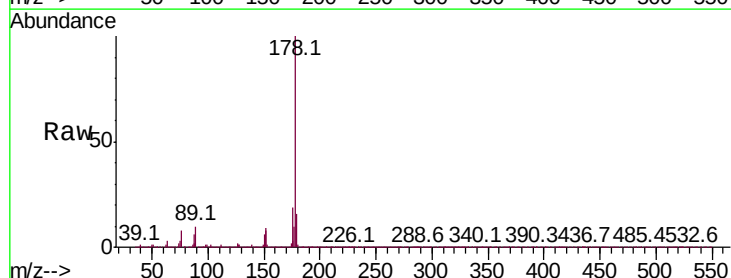
Instrument :
BNA_P
ClientSampleId :

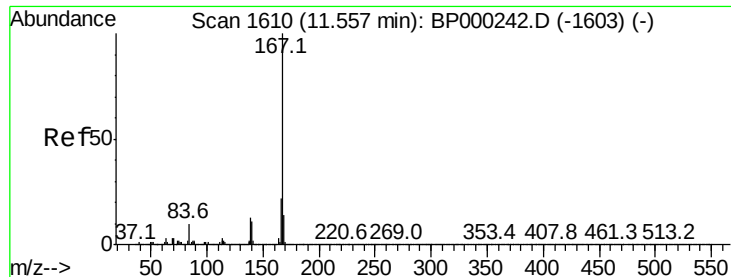
Tot Ion:178 Resp: 2281149
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 15.7 12.7 19.1



#72
Anthracene
Concen: 42.496 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion:178 Resp: 2257668
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 16.0 12.7 19.1





#73

Carbazole

Concen: 43.837 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

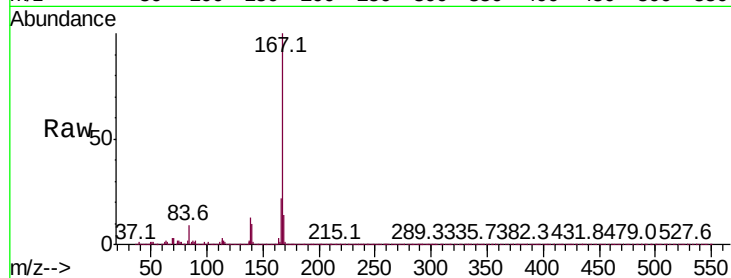
Instrument :

BNA_P

ClientSampleId :

Tot Ion:167 Resp: 2097347

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	13.1	10.8	16.2

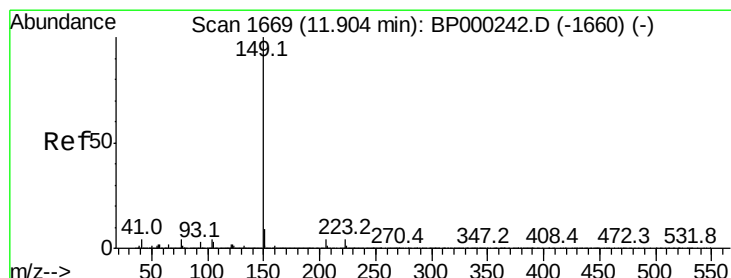
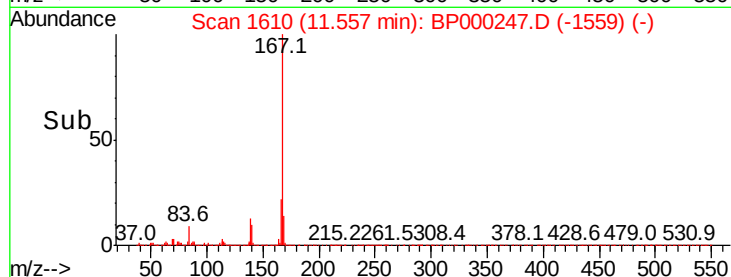
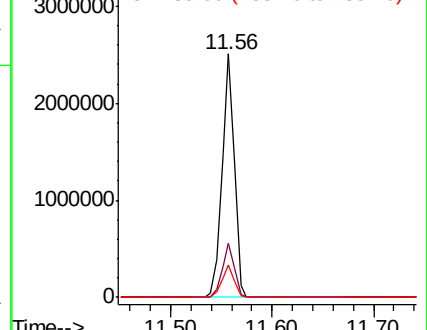


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.510 ng

RT: 11.90 min Scan# 1668

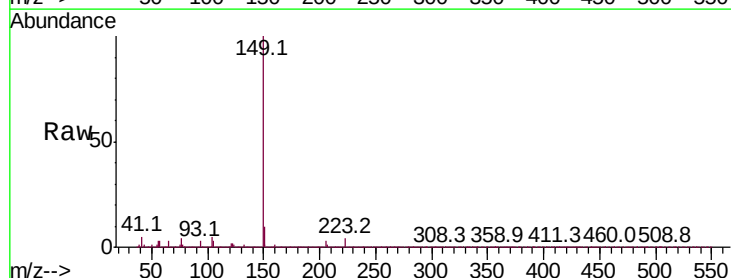
Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:149 Resp: 2574410

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	4.9	3.5	5.3

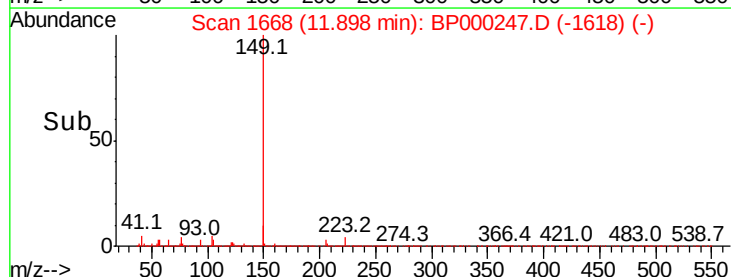
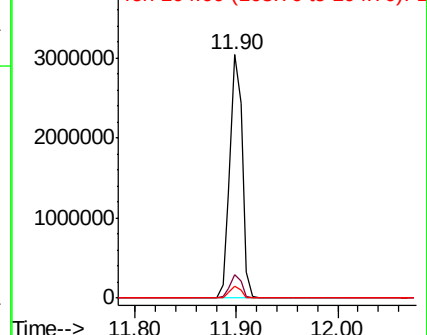


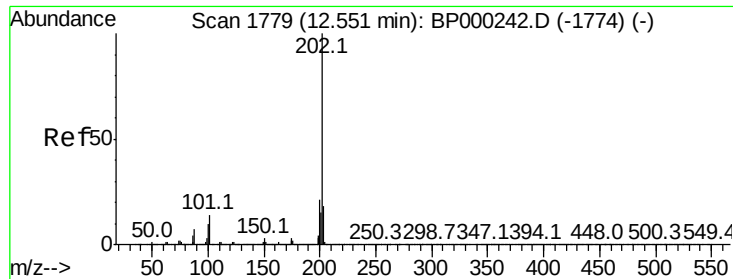
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.622 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

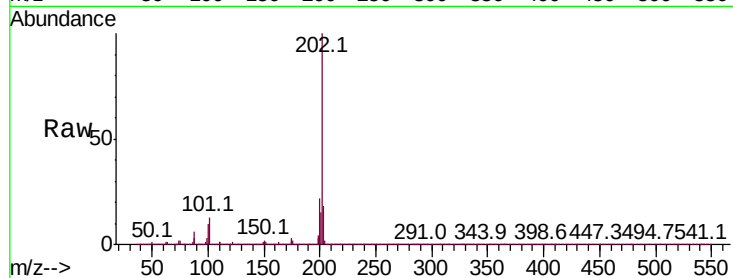
Tot Ion:202 Resp: 2473035

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.9

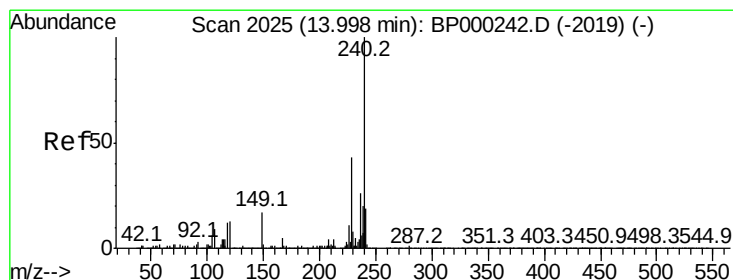
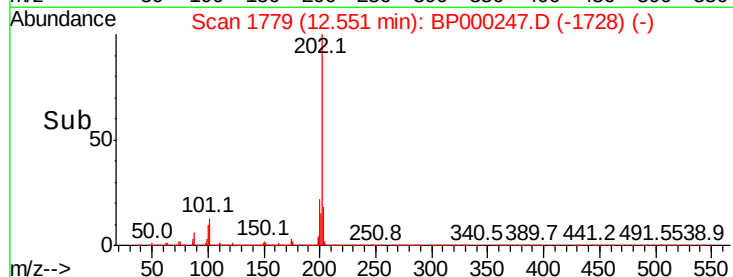
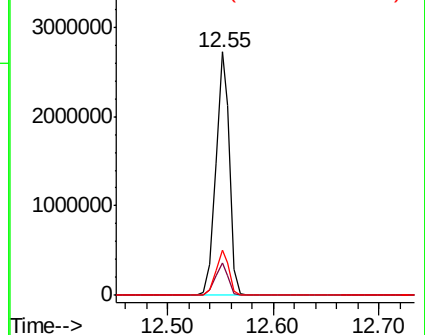
203 18.4 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

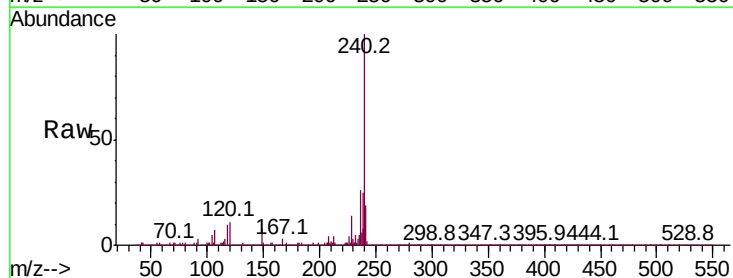
Tgt Ion:240 Resp: 786208

Ion Ratio Lower Upper

240 100

120 10.9 10.4 15.6

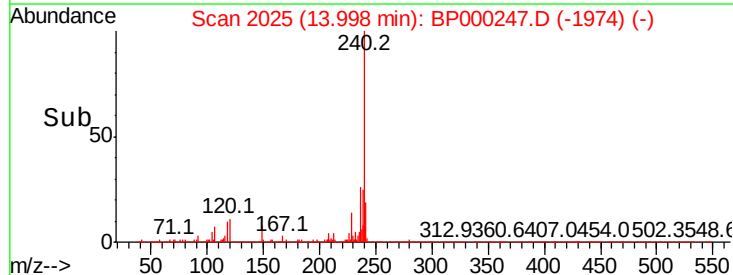
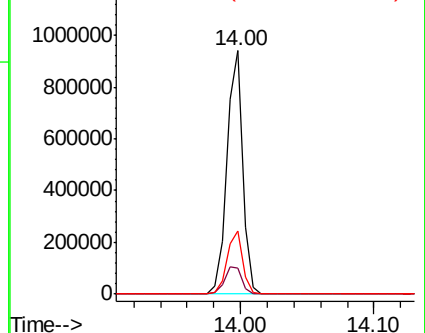
236 26.2 21.0 31.6

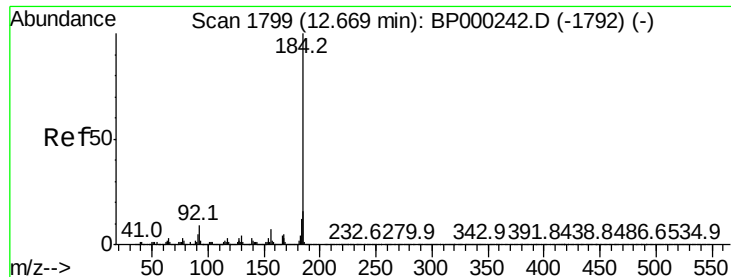


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.150 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

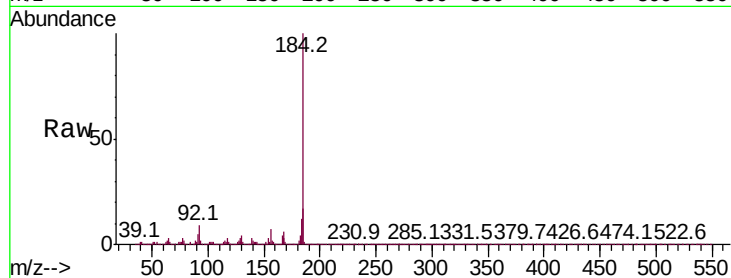
Tot Ion:184 Resp: 1071215

Ion	Ratio	Lower	Upper
184	100		
185	17.3	12.7	19.1
183	12.0	9.5	14.3

184 100

185 17.3 12.7 19.1

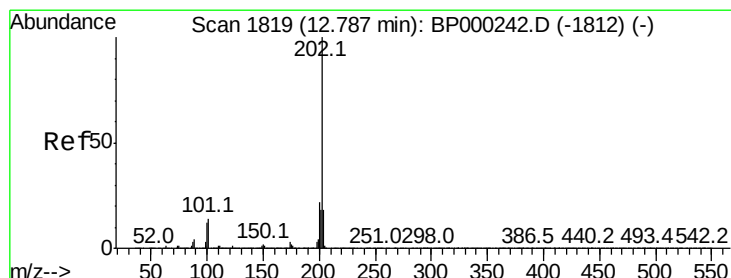
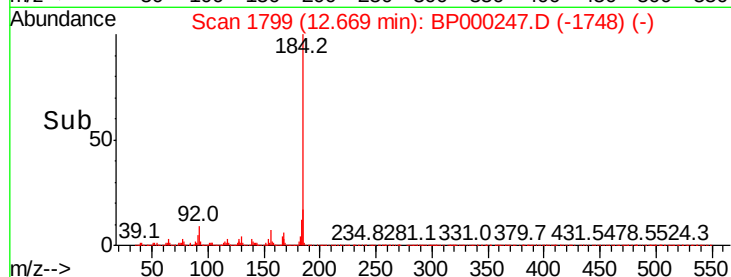
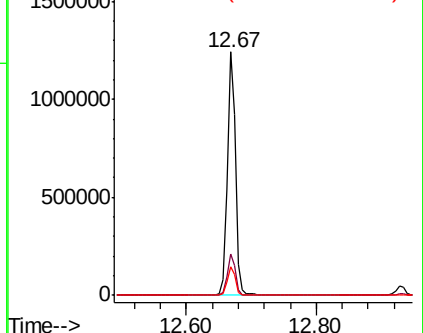
183 12.0 9.5 14.3



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: 42.260 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

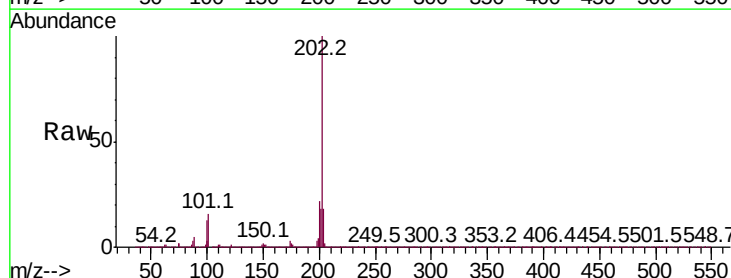
Tgt Ion:202 Resp: 2485814

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.5	26.3
203	18.2	14.3	21.5

202 100

200 22.0 17.5 26.3

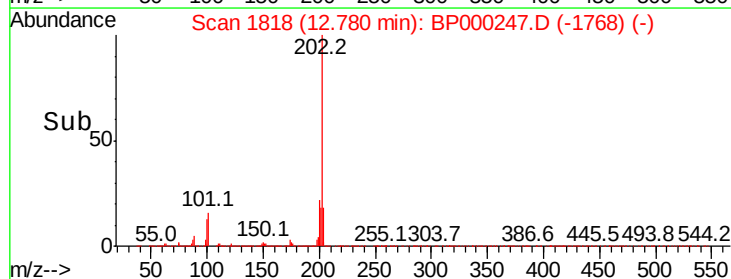
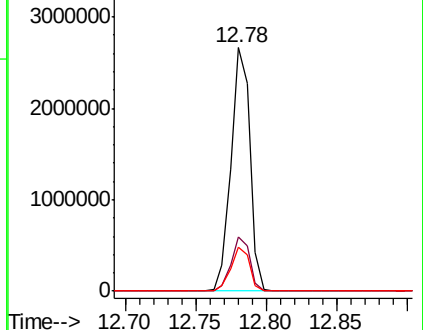
203 18.2 14.3 21.5

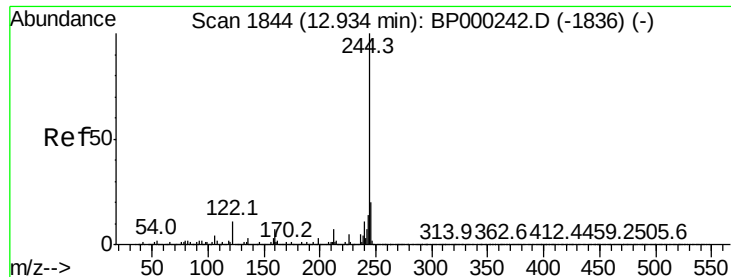


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



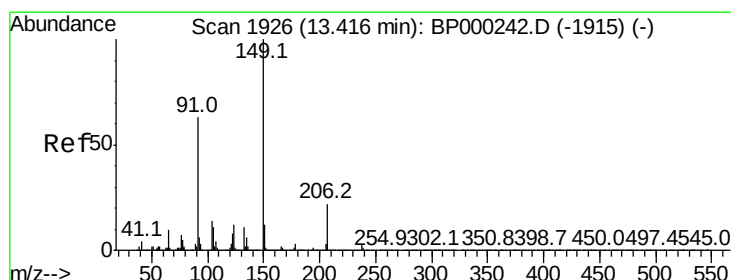
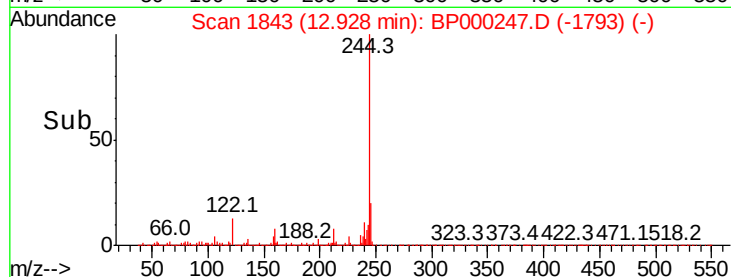
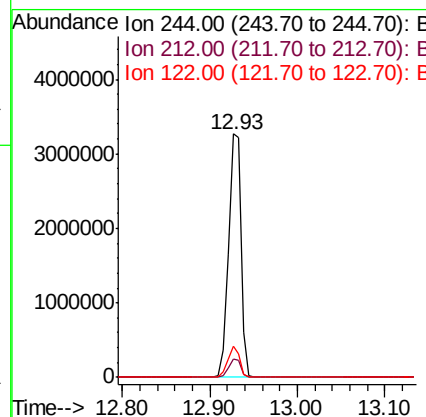
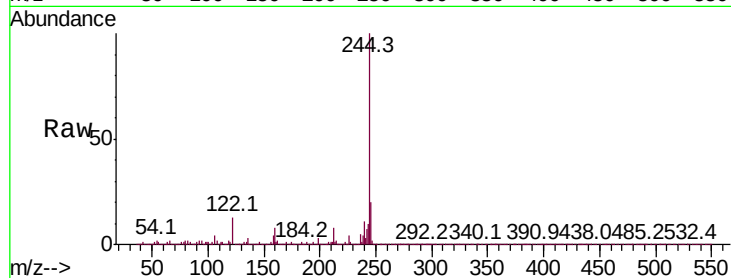


#79
 Terphenyl-d14
 Concen: 86.856 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000247.D
 Acq: 16 Sep 2019 19:23

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 3255094

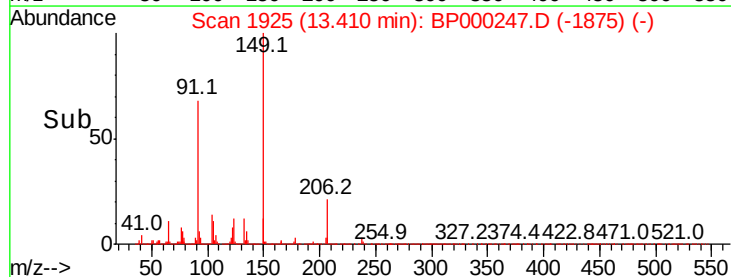
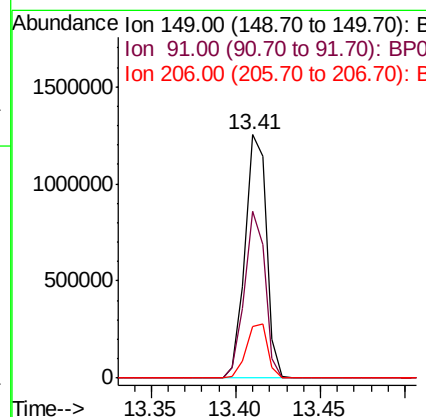
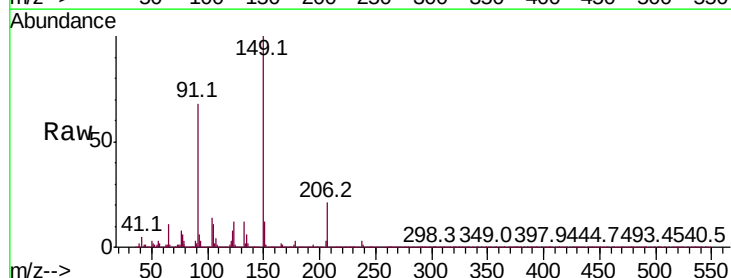
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	12.6	9.0	13.4

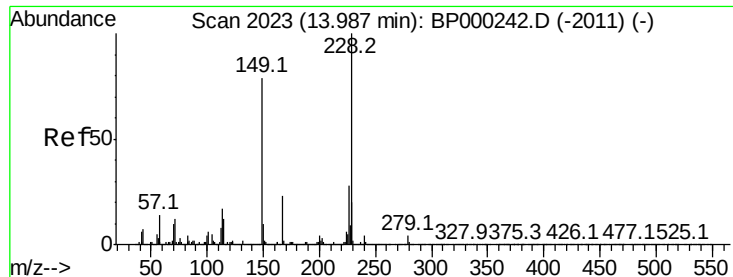


#80
 Butylbenzylphthalate
 Concen: 40.953 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BP000247.D
 Acq: 16 Sep 2019 19:23

Tgt Ion:149 Resp: 1106891

Ion	Ratio	Lower	Upper
149	100		
91	68.4	50.6	76.0
206	21.3	17.8	26.6

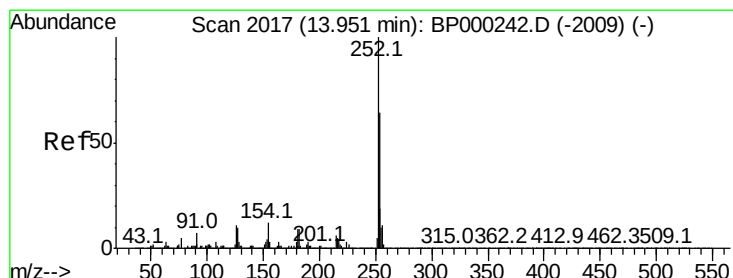
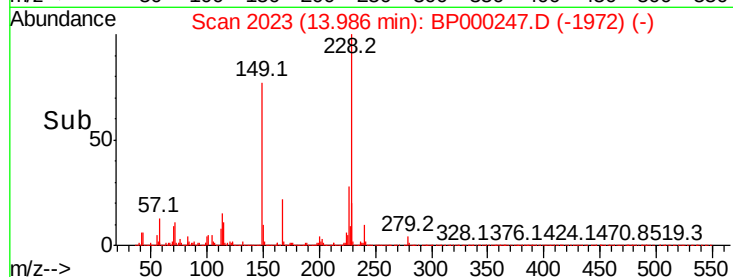
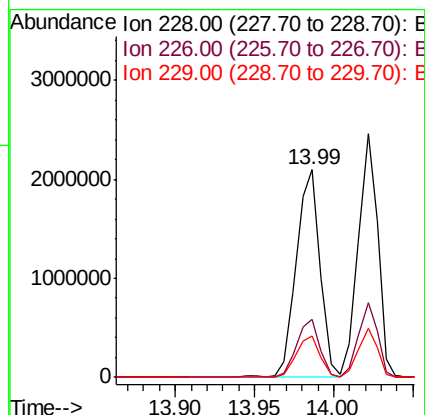
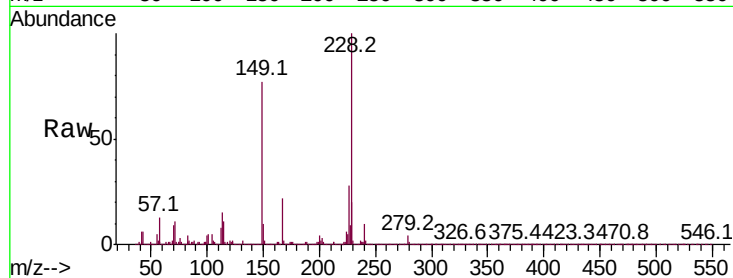




#81
Benzo(a)anthracene
Concen: 43.611 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

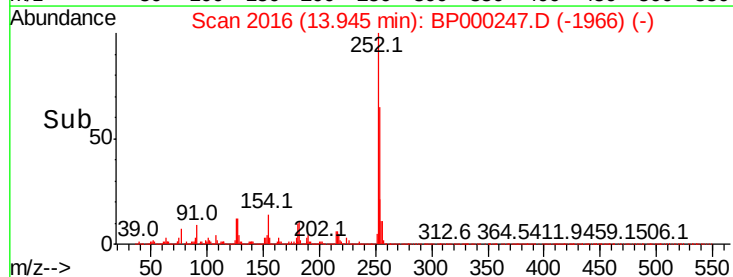
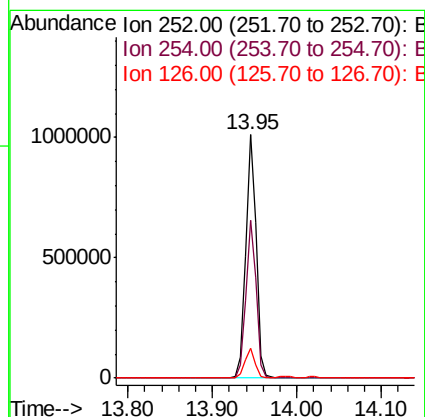
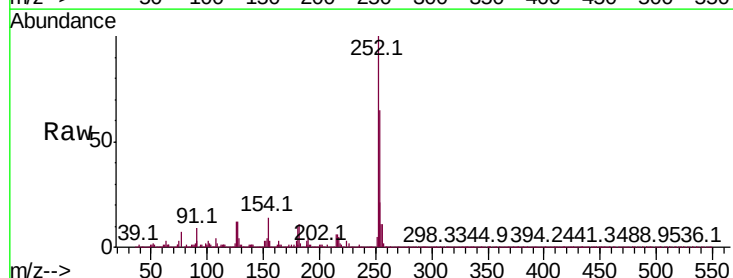
Instrument :
BNA_P
ClientSampled :

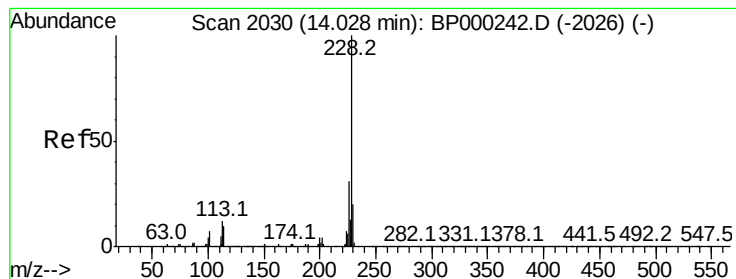
Tot Ion:228 Resp: 2165845
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.4
229 19.9 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 42.072 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion:252 Resp: 839711
Ion Ratio Lower Upper
252 100
254 64.7 51.5 77.3
126 12.4 8.4 12.6





#83

Chrysene

Concen: 43.046 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

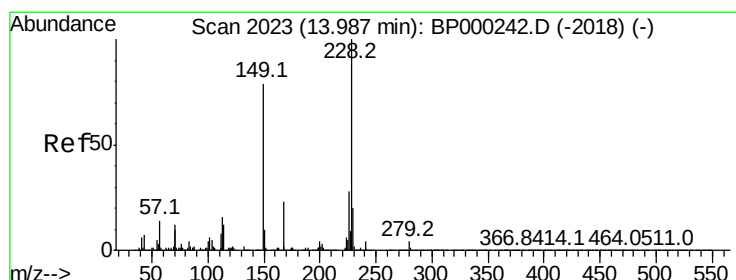
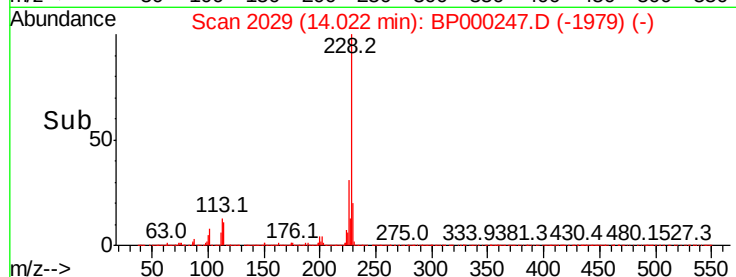
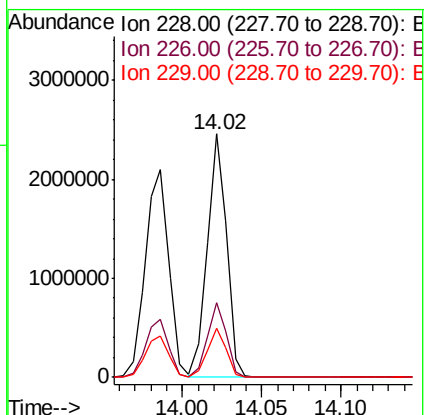
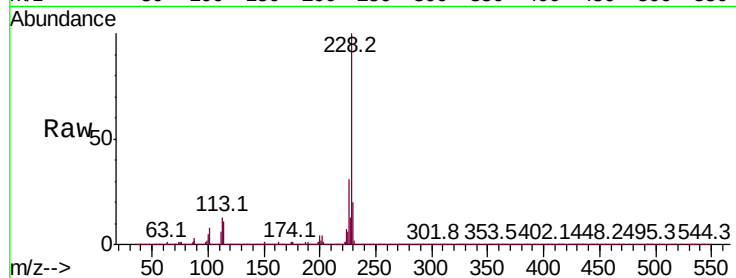
Tot Ion:228 Resp: 2098980

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.2	16.2	24.2

228 100

226 30.9 24.9 37.3

229 20.2 16.2 24.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.716 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

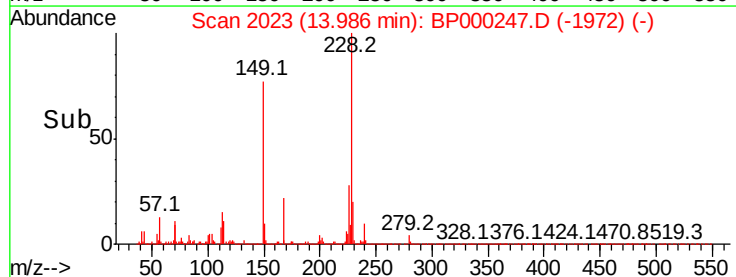
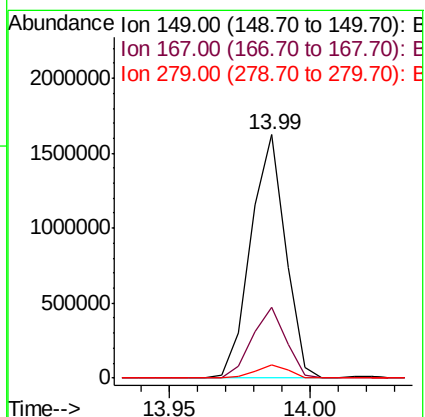
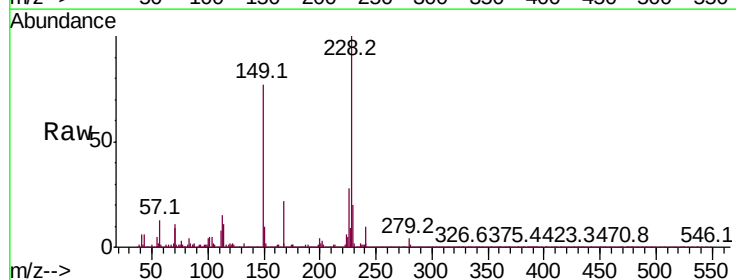
Tgt Ion:149 Resp: 1385919

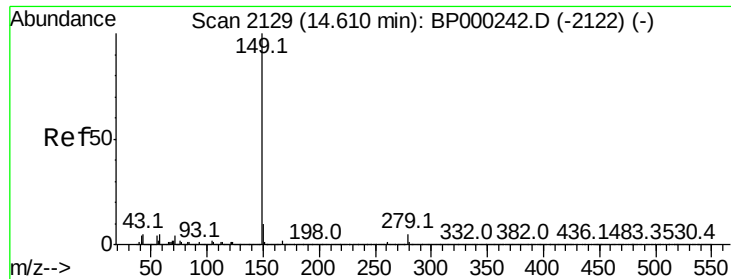
Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.4
279	5.2	3.7	5.5

149 100

167 28.9 23.0 34.4

279 5.2 3.7 5.5

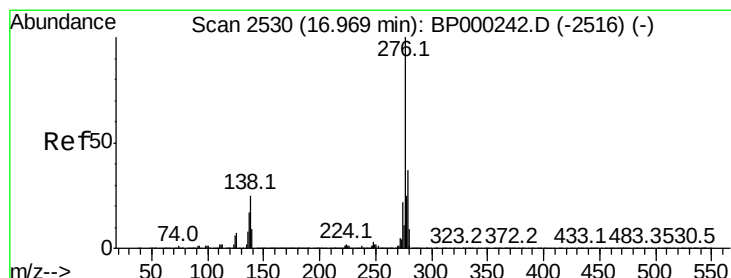
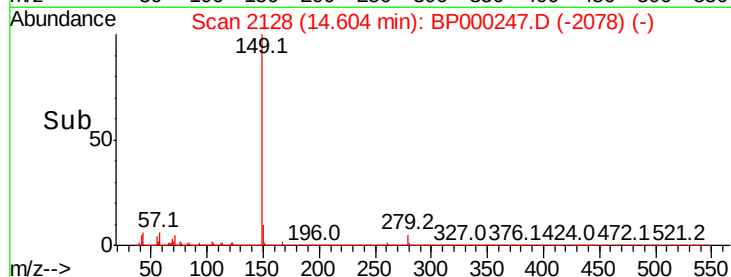
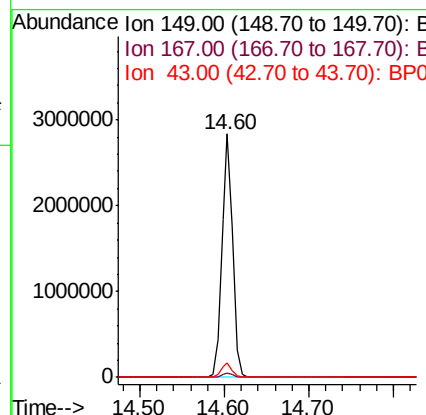
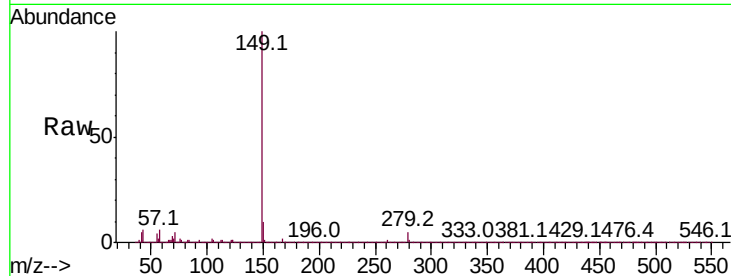




#85
Di-n-octyl phthalate
Concen: 42.929 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

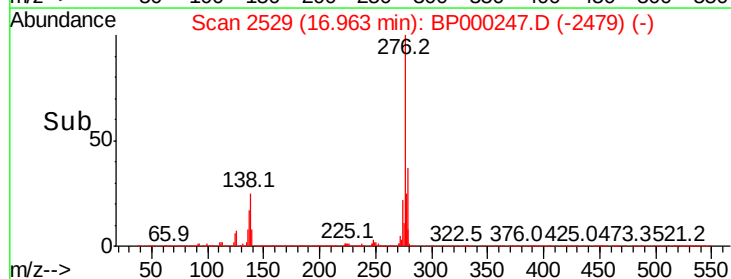
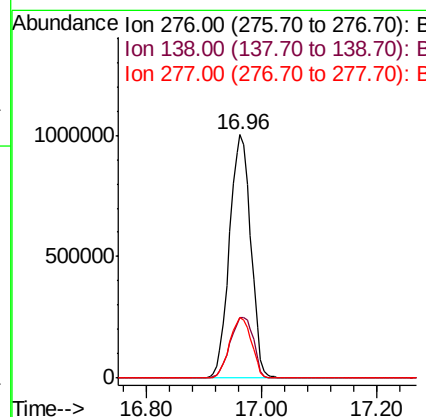
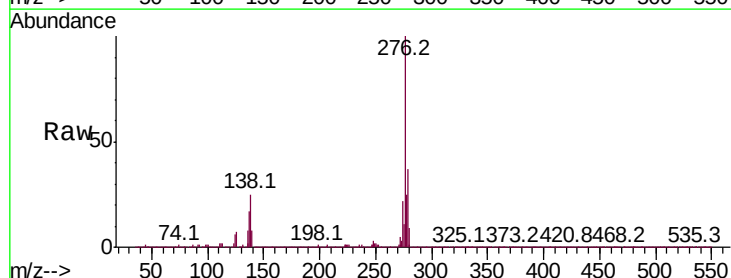
Instrument :
BNA_P
ClientSampleId :

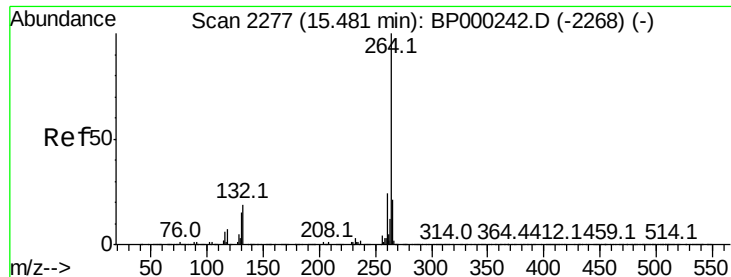
Tot Ion:149 Resp: 2581494
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 6.2 5.0 7.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 43.031 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion:276 Resp: 2557625
Ion Ratio Lower Upper
276 100
138 27.5 22.6 33.8
277 25.5 20.4 30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampled :

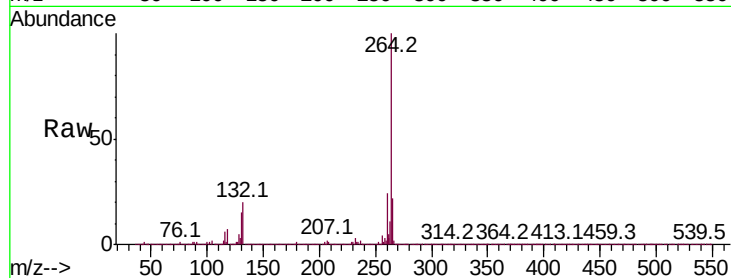
Tot Ion:264 Resp: 930408

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

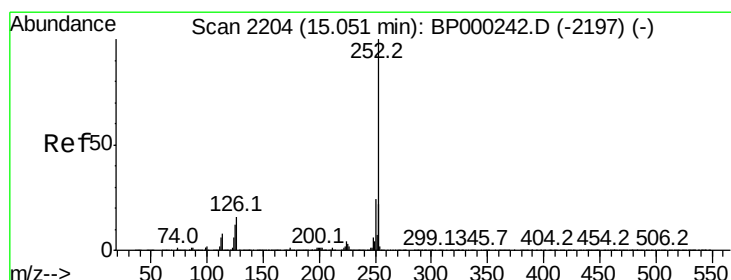
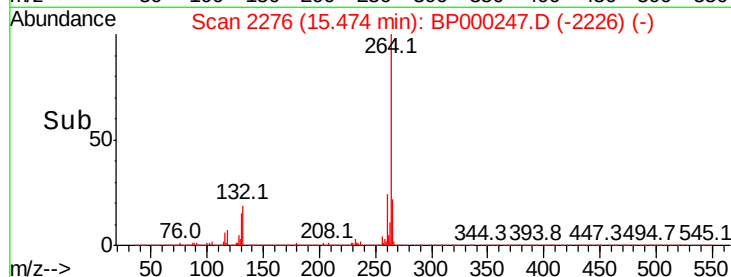
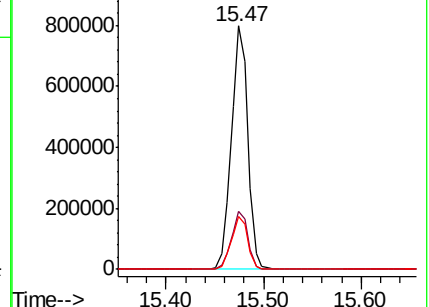
265 21.7 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.017 ng

RT: 15.05 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

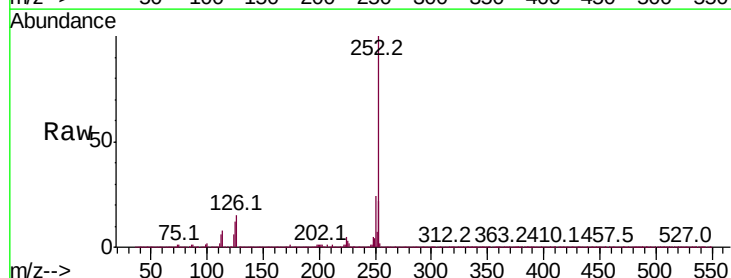
Tgt Ion:252 Resp: 2387660

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

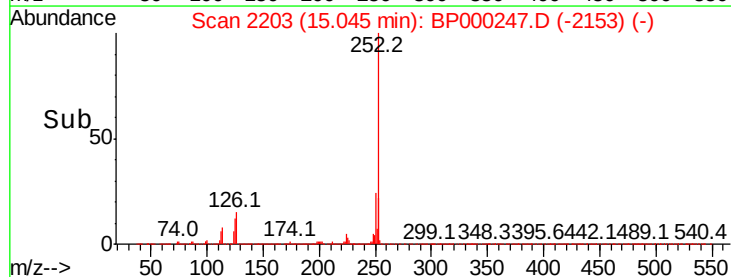
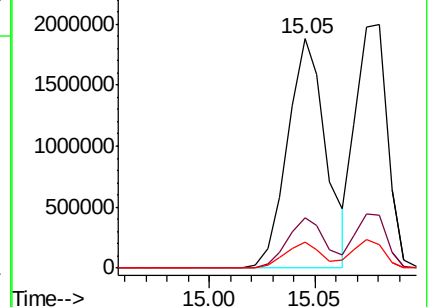
125 11.5 9.5 14.3

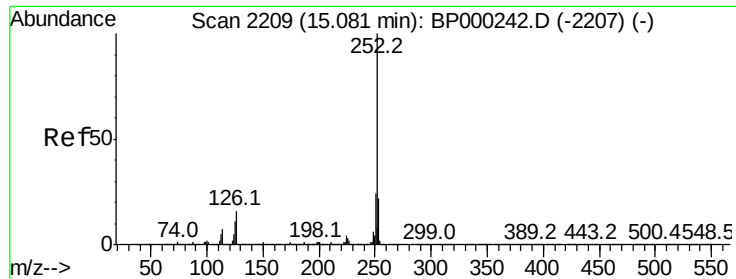


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.315 ng

RT: 15.05 min Scan# 2203

Delta R.T. -0.04 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

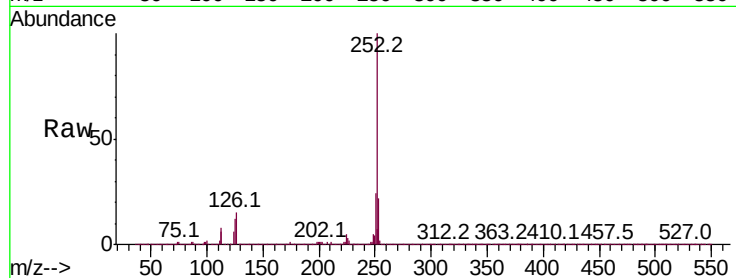
Instrument :

BNA_P

ClientSampleId :

Tot Ion:252 Resp: 2387660

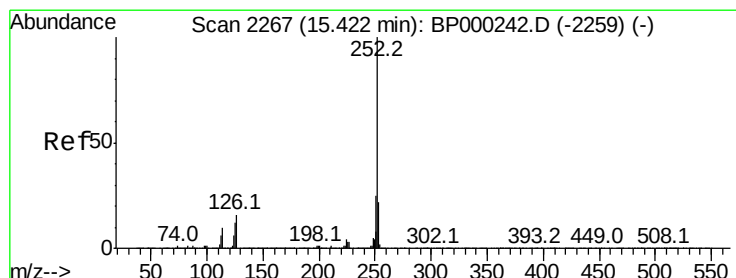
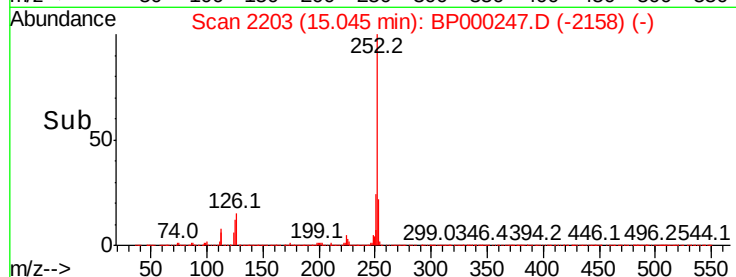
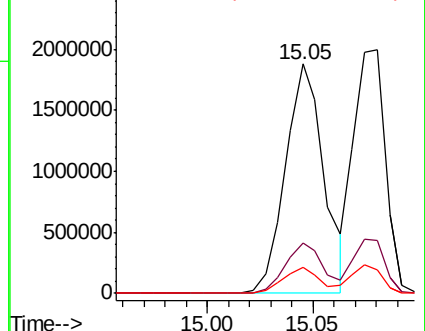
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	11.5	9.6	14.4



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



#90

Benzo(a)pyrene

Concen: 42.244 ng

RT: 15.42 min Scan# 2266

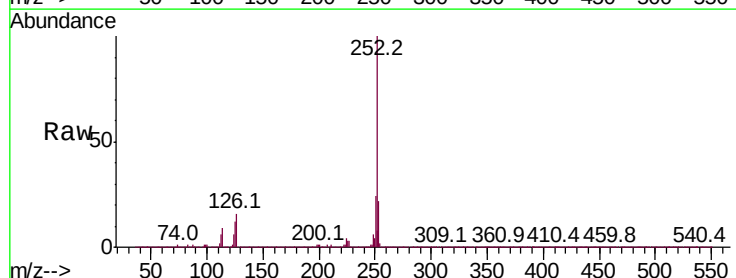
Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:252 Resp: 2133519

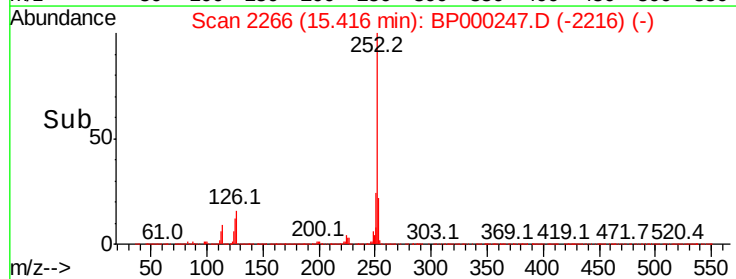
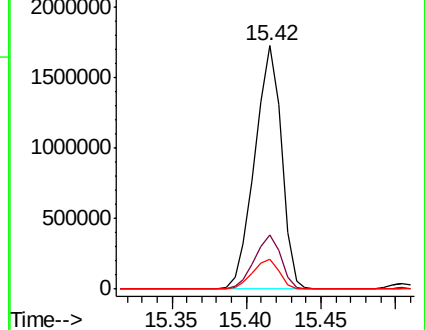
Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	12.2	10.0	15.0

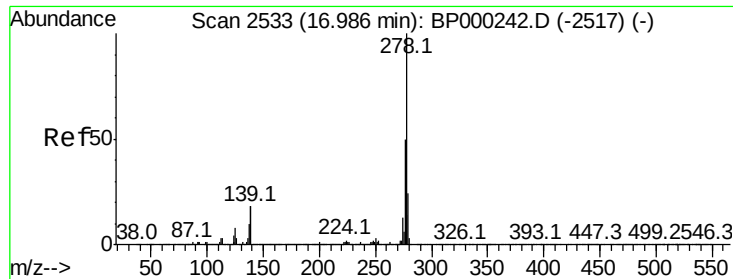


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.454 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

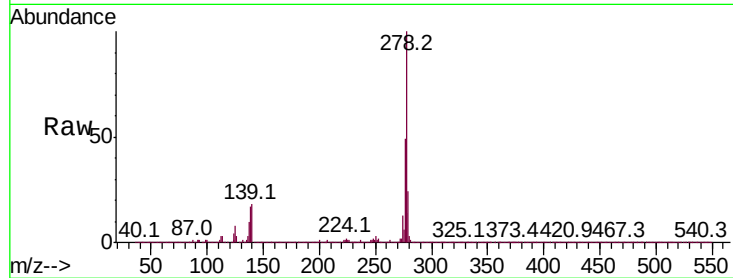
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 2046130

Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.5	21.7
279	24.1	19.0	28.6

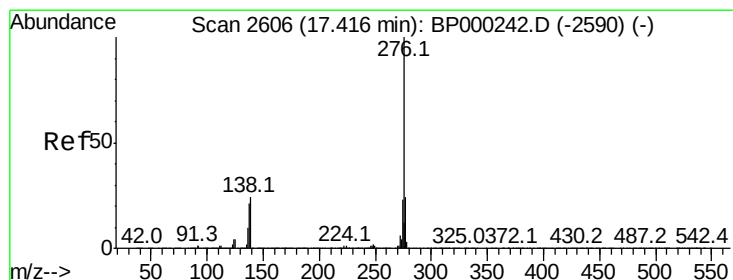
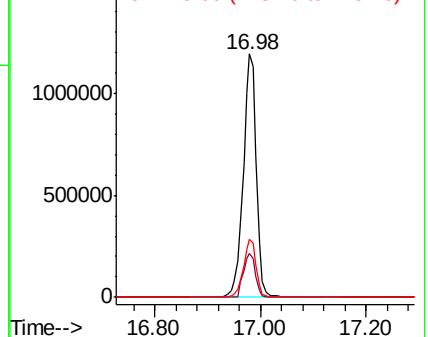
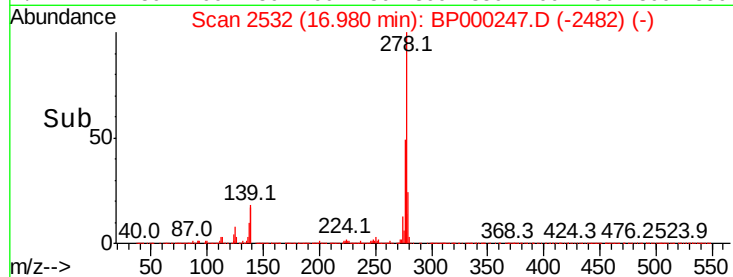


Abundance

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: 42.947 ng

RT: 17.41 min Scan# 2605

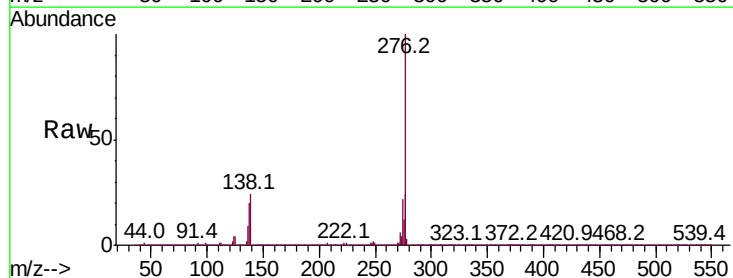
Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:276 Resp: 2078623

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	23.7	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

