

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
 Data File : BP000274.D
 Acq On : 17 Sep 2019 15:48
 Operator : HP/JU
 Sample : K4918-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 18 05:51:52 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	348989	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1224593	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	648666	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1107984	20.00	ng	0.00
76) Chrysene-d12	14.02	240	680621	20.00	ng	0.02
87) Perylene-d12	15.50	264	751039	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2037935	100.81	ng	0.01
7) Phenol-d6	6.43	99	2557552	103.21	ng	0.00
23) Nitrobenzene-d5	7.35	82	1277924	67.33	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	730030	113.47	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2728012	75.69	ng	0.00
79) Terphenyl-d14	12.93	244	2680556	82.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	35	0.004	ng	# 1
3) Pyridine	3.26	79	42	0.002	ng	# 50
4) n-Nitrosodimethylamine	3.19	42	90	0.013	ng	# 1
6) Aniline	6.44	93	1951	0.057	ng	# 1
8) 2-Chlorophenol	6.75	128	91	0.004	ng	# 78
9) Benzaldehyde	6.34	77	1964	Below Cal		# 98
10) Phenol	6.44	94	36721	1.304	ng	# 83
11) bis(2-Chloroethyl)ether	6.50	93	544	0.025	ng	# 50
12) 1,3-Dichlorobenzene	6.73	146	180	0.007	ng	# 54
13) 1,4-Dichlorobenzene	6.79	146	115	0.004	ng	# 1
14) 1,2-Dichlorobenzene	6.95	146	351	0.015	ng	# 1
15) Benzyl Alcohol	6.95	79	23978	1.330	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	7.05	45	147	0.007	ng	# 1
17) 2-Methylphenol	7.05	107	4067	0.218	ng	# 96
18) Hexachloroethane	7.30	117	298	0.031	ng	# 51
19) n-Nitroso-di-n-propylamine	7.35	70	158977	12.134	ng	# 74
20) 3+4-Methylphenols	7.20	107	17984	0.798	ng	# 71
22) Acetophenone	7.19	105	3782	0.143	ng	# 82
24) Nitrobenzene	7.35	77	4966	0.252	ng	# 33
25) Isophorone	7.35	82	1275758	33.945	ng	# 63
26) 2-Nitrophenol	7.69	139	56	0.005	ng	# 1
27) 2,4-Dimethylphenol	7.73	122	6362	0.382	ng	# 91
28) bis(2-Chloroethoxy)methane	7.83	93	160	0.006	ng	# 1
29) 2,4-Dichlorophenol	7.93	162	125	0.007	ng	# 1
30) 1,2,4-Trichlorobenzene	8.01	180	32	0.002	ng	# 1
31) Naphthalene	8.09	128	718857	12.675	ng	# 99
32) Benzoic acid	7.77	122	2381	0.212	ng	# 86
33) 4-Chloroaniline	8.09	127	97195	3.787	ng	# 35
34) Hexachlorobutadiene	8.22	225	52	0.004	ng	# 32
35) Caprolactam	8.46	113	4093	0.674	ng	# 88
36) 4-Chloro-3-methylphenol	8.65	107	439	0.024	ng	# 70
37) 2-Methylnaphthalene	8.79	142	294003	7.583	ng	# 98
38) 1-Methylnaphthalene	8.89	142	320722	8.831	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	52	0.003	ng	# 51

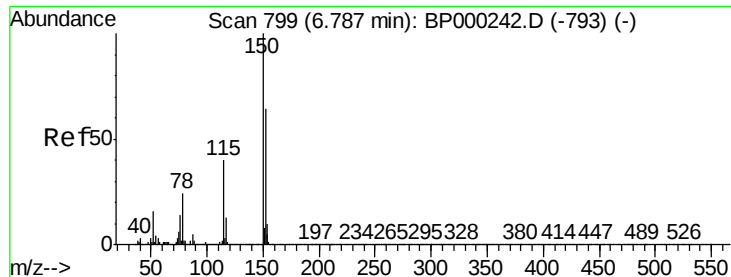
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	15	0.001	nq	76
43) 2,4,6-Trichlorophenol	9.06	196	52	0.004	nq #	22
44) 2,4,5-Trichlorophenol	9.12	196	52	0.004	nq #	1
46) 1,1'-Biphenyl	9.25	154	113851	2.537	nq	97
47) 2-Chloronaphthalene	9.26	162	552	0.015	nq #	1
48) 2-Nitroaniline	9.35	65	1360	0.142	nq #	33
49) Acenaphthylene	9.69	152	484663	8.565	nq	99
50) Dimethylphthalate	9.55	163	506241	11.455	nq	99
51) 2,6-Dinitrotoluene	9.55	165	7453	0.767	nq #	34
52) Acenaphthene	9.86	154	673681	18.867	nq	99
53) 3-Nitroaniline	9.86	138	1084	0.096	nq #	24
54) 2,4-Dinitrophenol	9.88	184	79	0.018	nq #	1
55) Dibenzofuran	10.04	168	964184	19.101	nq	98
56) 4-Nitrophenol	10.04	139	355616	42.390	nq #	14
57) 2,4-Dinitrotoluene	10.04	165	4684	0.369	nq #	1
58) Fluorene	10.38	166	758218	19.447	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.16	232	48	0.004	nq #	1
60) Diethylphthalate	10.25	149	1896	0.045	nq #	55
61) 4-Chlorophenyl-phenylether	10.38	204	141	0.007	nq #	1
62) 4-Nitroaniline	10.29	138	914	0.082	nq	95
63) Azobenzene	10.54	77	13009	0.361	nq #	1
65) 4,6-Dinitro-2-methylphenol	10.42	198	208	0.040	nq #	1
66) n-Nitrosodiphenylamine	10.50	169	38507	1.154	nq #	49
67) 4-Bromophenyl-phenylether	10.63	248	50142	4.002	nq #	1
68) Hexachlorobenzene	10.96	284	23	0.002	nq #	1
69) Atrazine	11.05	200	569	Below Cal	#	1
70) Pentachlorophenol	11.20	266	143	0.019	nq	92
71) Phenanthrene	11.42	178	2389000	43.027	nq	99
72) Anthracene	11.42	178	2389000	41.801	nq	100
73) Carbazole	11.56	167	1990722	38.678	nq	100
74) Di-n-butylphthalate	11.90	149	11453	0.176	nq #	64
75) Fluoranthene	12.58	202	12122592	203.328	nq	93
77) Benzidine	12.67	184	3535	0.145	nq #	1
78) Pyrene	12.82	202	10589684	207.960	nq #	90
80) Butylbenzylphthalate	13.41	149	1166	0.050	nq #	7
81) Benzo(a)anthracene	14.00	228	6944485	161.526	nq	93
82) 3,3'-Dichlorobenzidine	13.99	252	1993	0.115	nq #	1
83) Chrysene	14.05	228	5831737	138.150	nq	93
84) Bis(2-ethylhexyl)phthalate	13.85	149	15776	0.562	nq	97
85) Di-n-octyl phthalate	14.65	149	10623	0.204	nq #	72
86) Indeno(1,2,3-cd)pyrene	16.82	276	614218	11.937	nq	95
88) Benzo(b)fluoranthene	15.07	252	9747139	217.549	nq	96
89) Benzo(k)fluoranthene	15.07	252	9747139	249.399	nq	96
90) Benzo(a)pyrene	15.38	252	3756370	92.140	nq	97
91) Dibenzo(a,h)anthracene	17.01	278	833746	21.935	nq	95
92) Benzo(g,h,i)perylene	17.46	276	2885438	73.854	nq	97

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

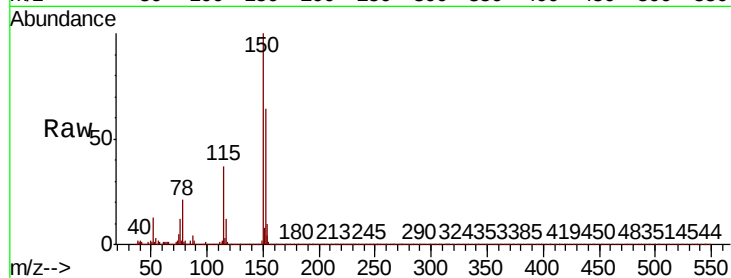


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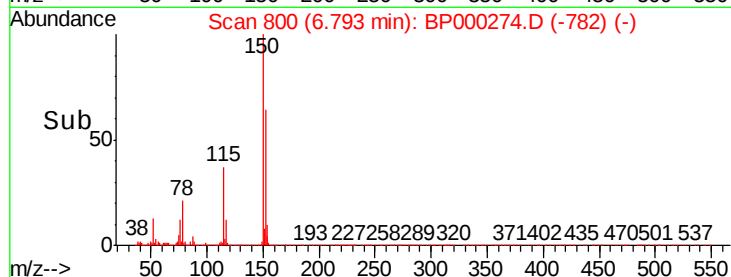
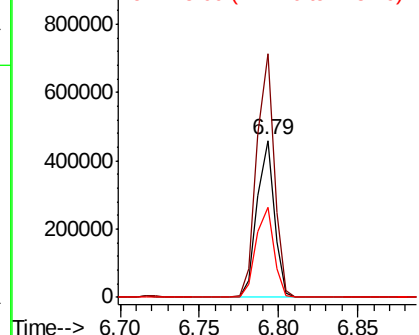
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.2	187.8
115	57.2	49.7	74.5



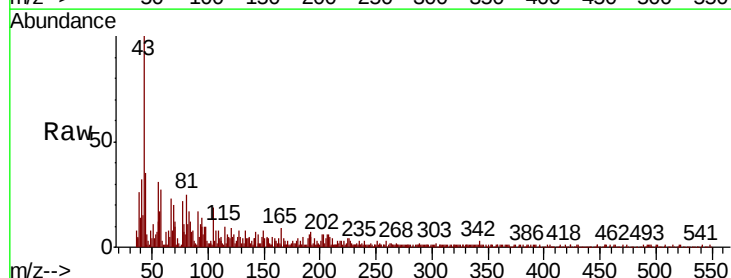
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



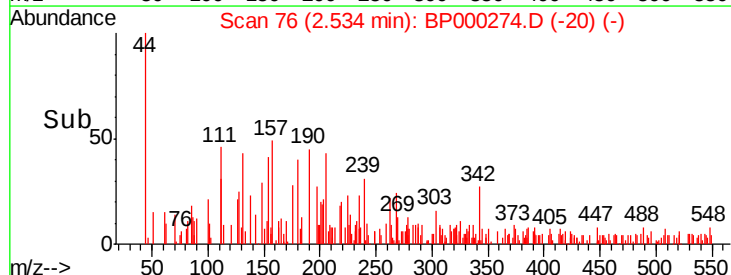
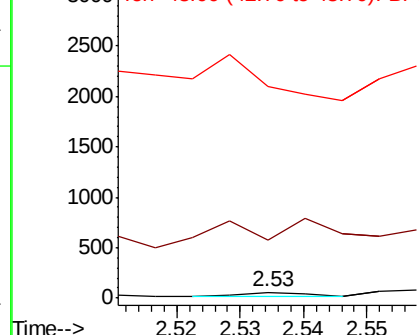
#2

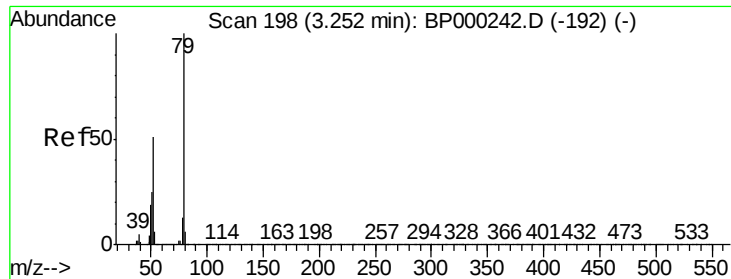
1,4-Dioxane
Concen: 0.004 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.03 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	442.9	45.4	68.2#
43	0.0	15.0	22.6#



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





#3

Pvridine

Concen: 0.002 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BP000274.D

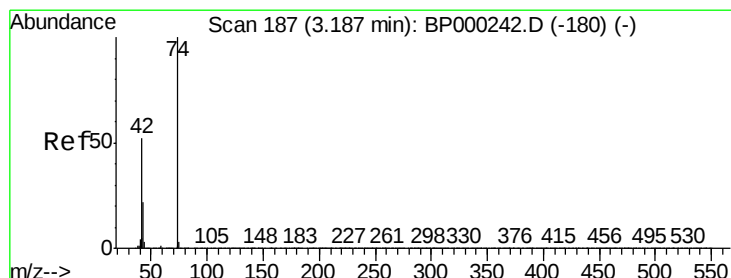
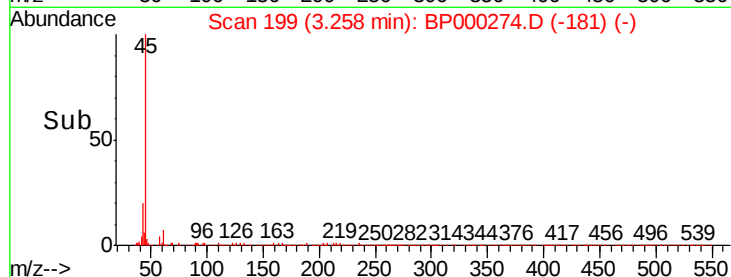
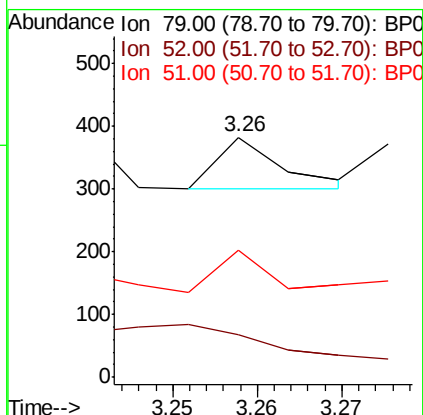
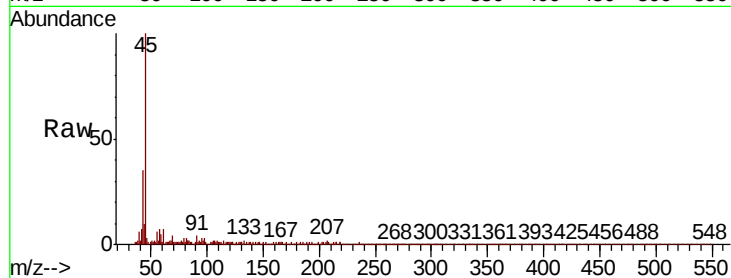
Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	79	Resp:	42
Ion	Ratio	Lower	Upper
79	100		
52	17.5	40.9	61.3#
51	52.9	20.2	30.2#



#4

n-Nitrosodimethylamine

Concen: 0.013 ng

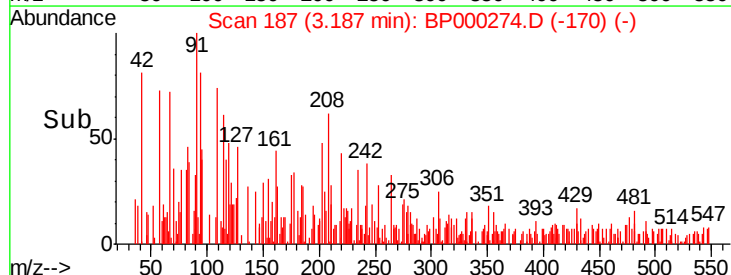
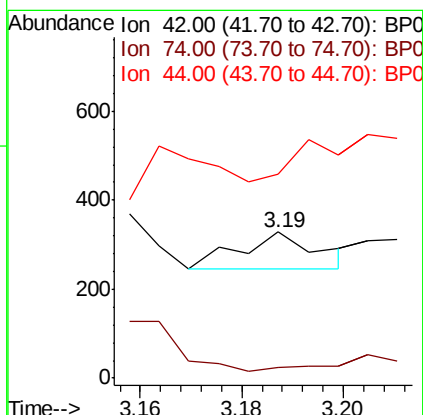
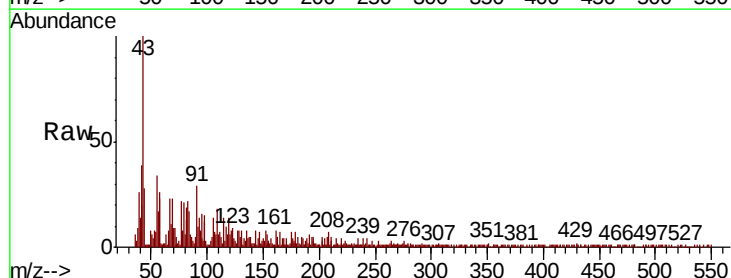
RT: 3.19 min Scan# 187

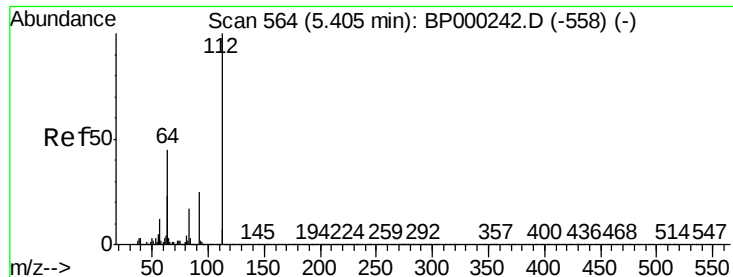
Delta R.T. 0.00 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Tgt Ion:	42	Resp:	90
Ion	Ratio	Lower	Upper
42	100		
74	7.6	154.5	231.7#
44	139.2	5.9	8.9#





#5

2-Fluorophenol

Concen: 100.811 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

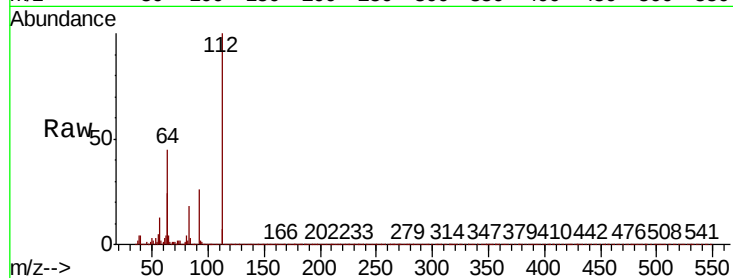
Tot Ion:112 Resp: 2037935

Ion Ratio Lower Upper

112 100

64 44.7 36.2 54.4

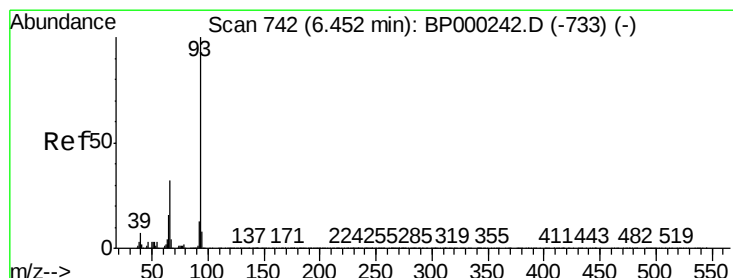
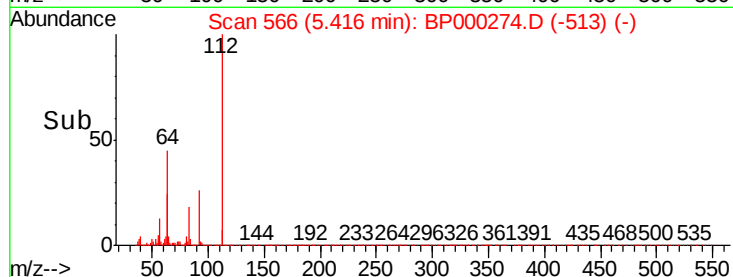
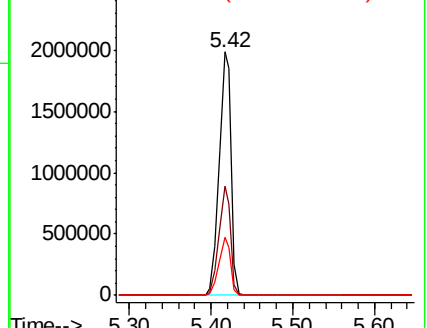
63 23.6 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 0.057 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

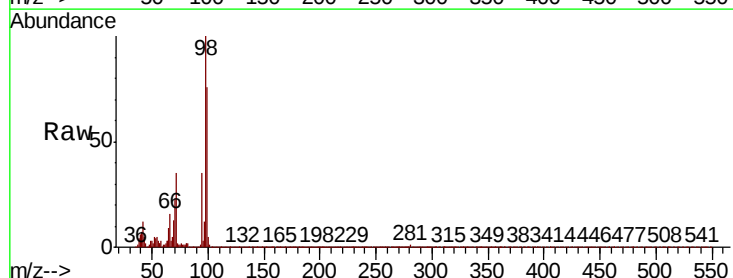
Tgt Ion: 93 Resp: 1951

Ion Ratio Lower Upper

93 100

66 1753.7 26.2 39.2#

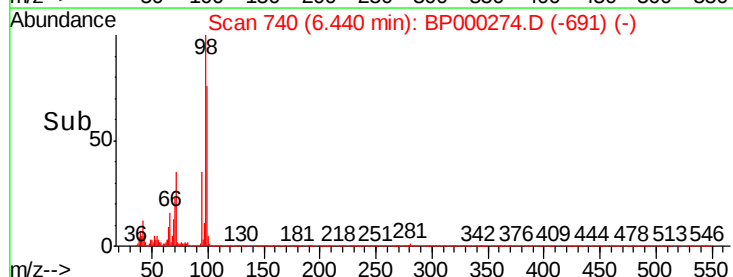
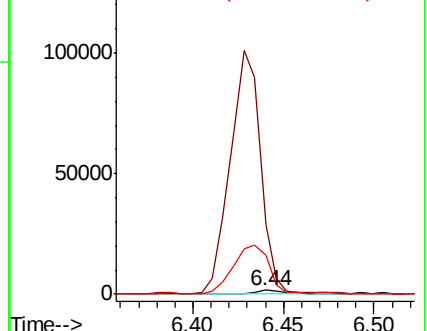
65 989.1 12.7 19.1#

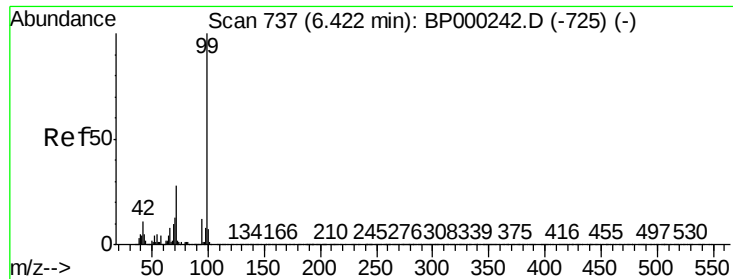


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 103.211 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

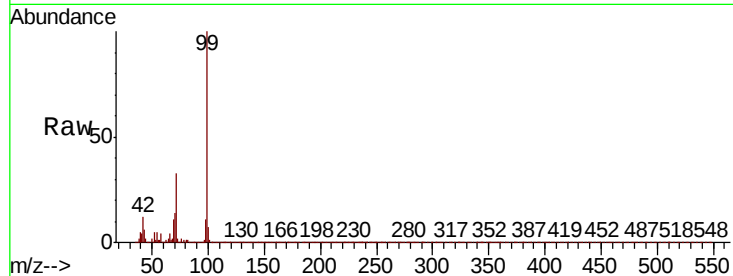
Tot Ion: 99 Resp: 2557552

Ion Ratio Lower Upper

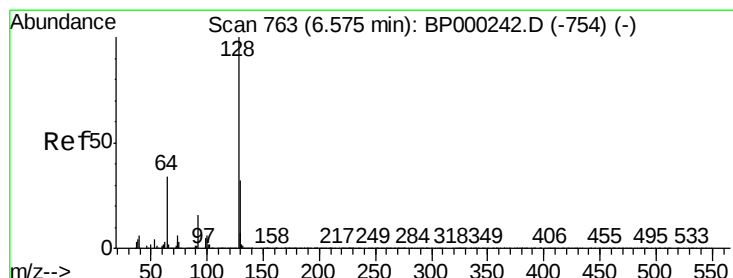
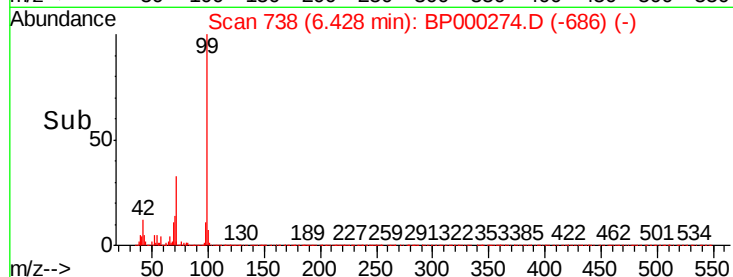
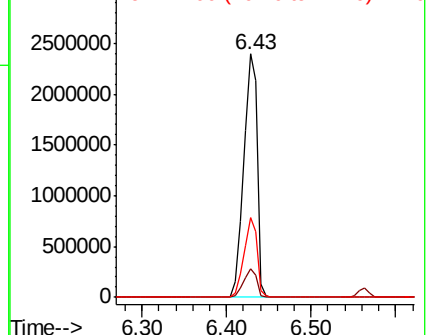
99 100

42 11.9 8.5 12.7

71 32.6 22.6 34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 0.004 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.17 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

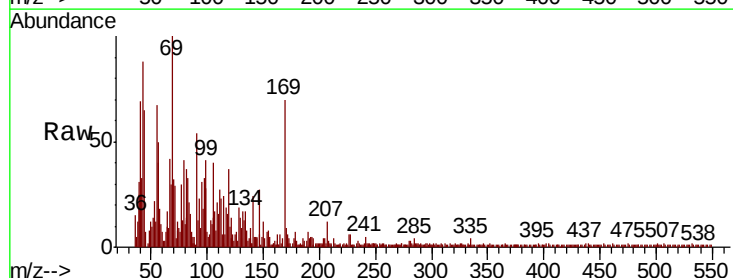
Tgt Ion: 128 Resp: 91

Ion Ratio Lower Upper

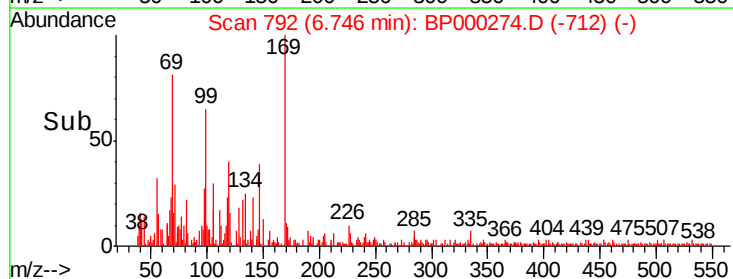
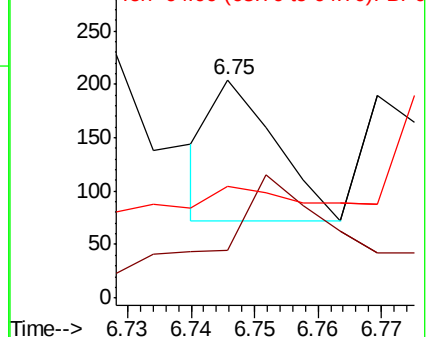
128 100

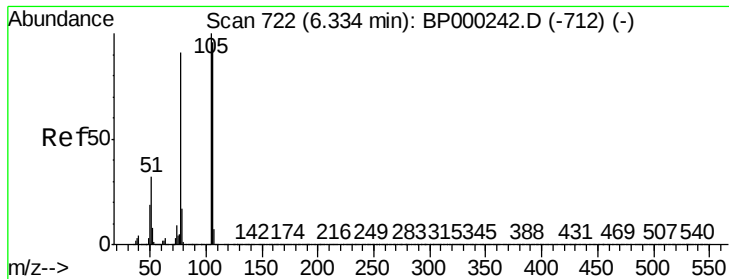
130 22.1 12.5 52.5

64 51.0 16.0 56.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: Below Cal

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampled :

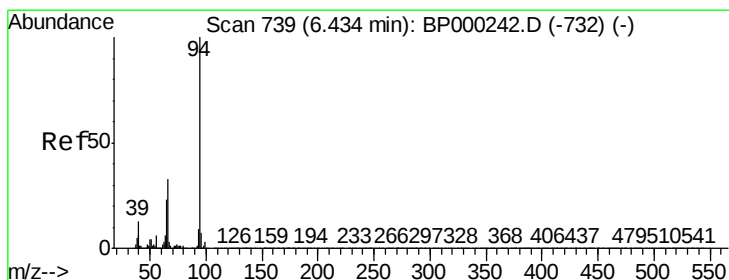
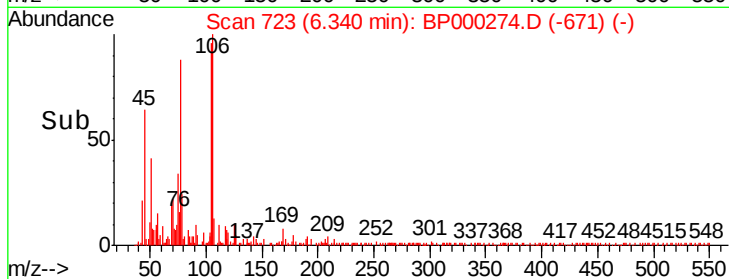
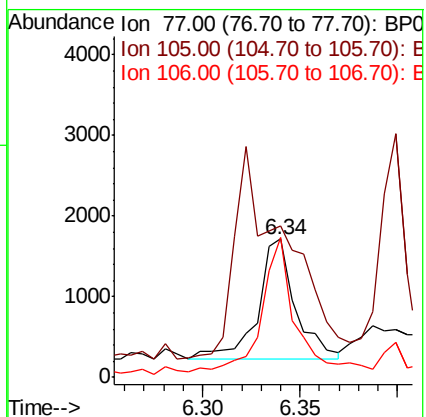
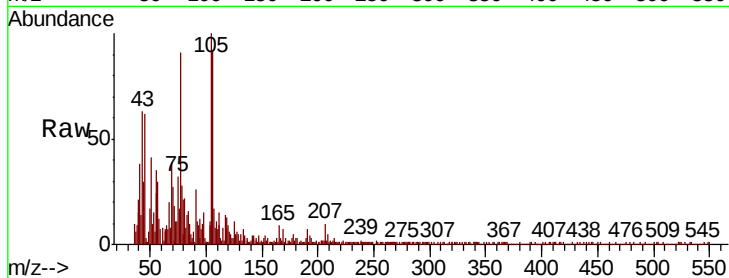
Tot Ion: 77 Resp: 1964

Ion Ratio Lower Upper

77 100

105 109.3 89.6 129.6

106 100.6 84.6 124.6



#10

Phenol

Concen: 1.304 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

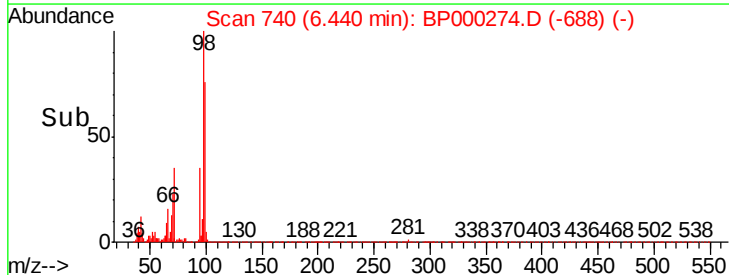
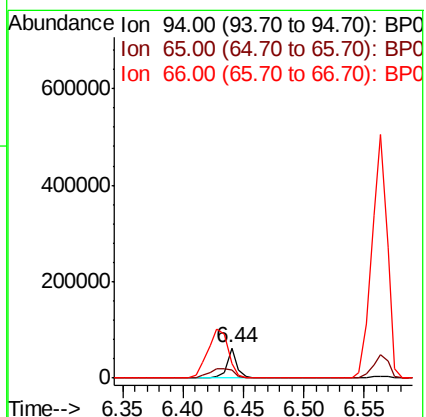
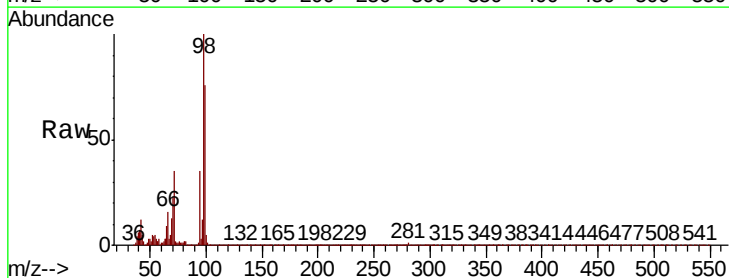
Tgt Ion: 94 Resp: 36721

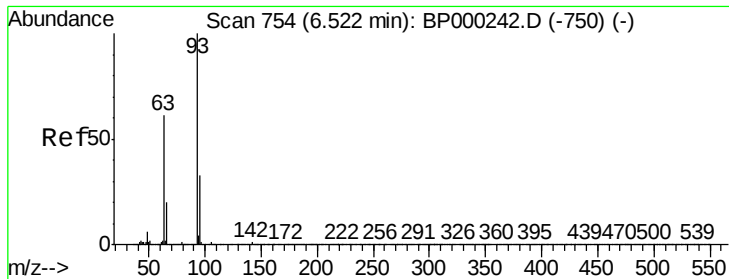
Ion Ratio Lower Upper

94 100

65 26.1 3.3 43.3

66 46.3 12.7 52.7





#11

bis(2-Chloroethyl)ether

Concen: 0.025 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

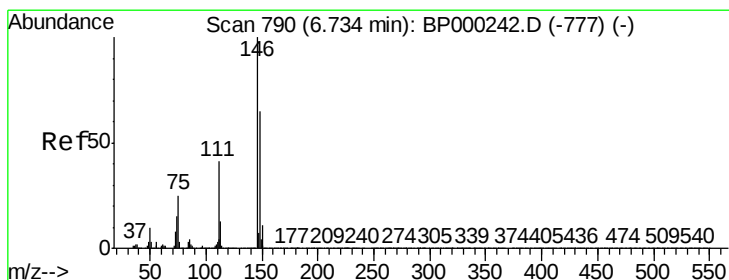
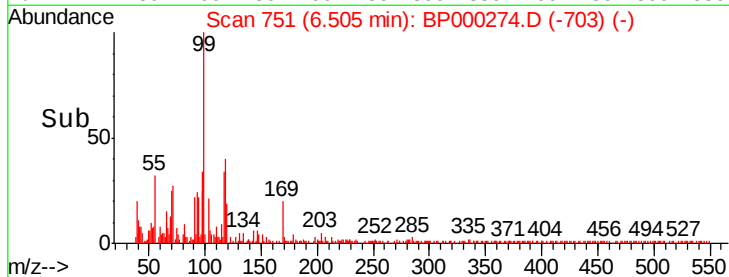
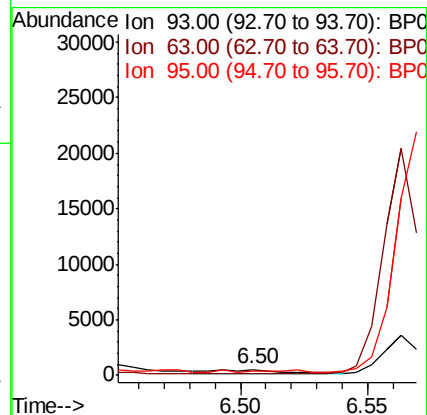
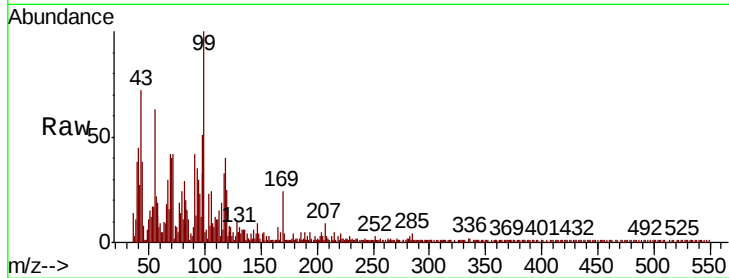
Tot Ion: 93 Resp: 544

Ion Ratio Lower Upper

93 100

63 27.5 41.0 81.0#

95 67.3 12.7 52.7#



#12

1,3-Dichlorobenzene

Concen: 0.007 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

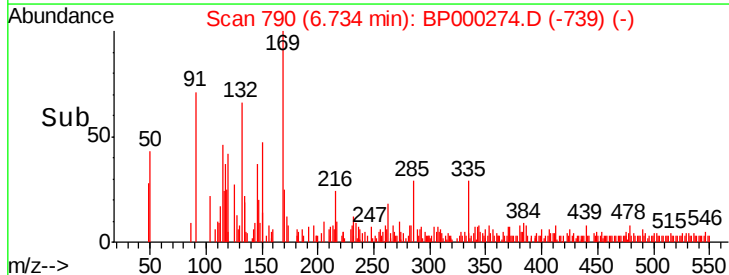
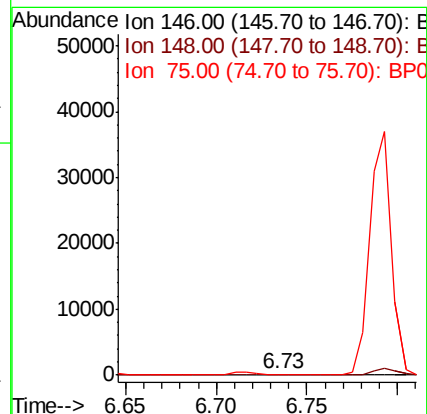
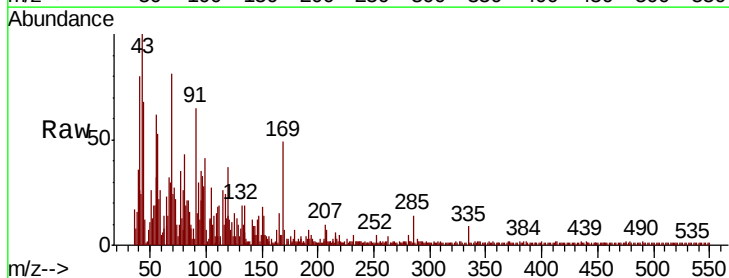
Tgt Ion: 146 Resp: 180

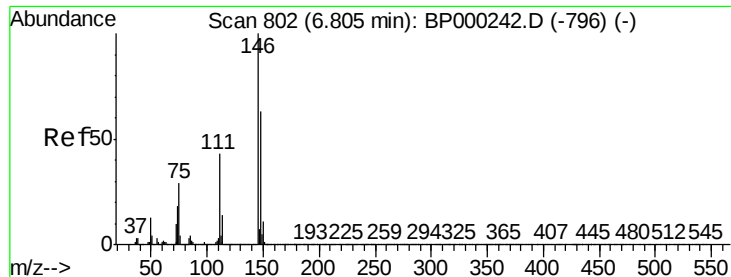
Ion Ratio Lower Upper

146 100

148 19.0 52.1 78.1#

75 32.2 20.2 30.4#

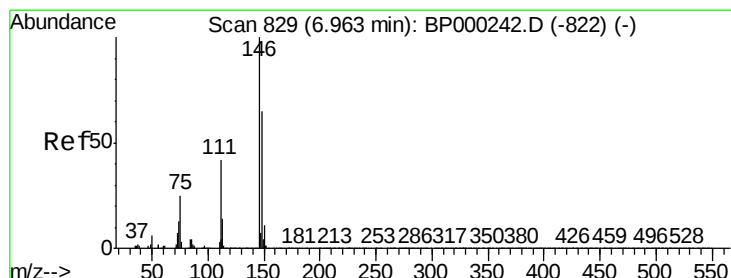
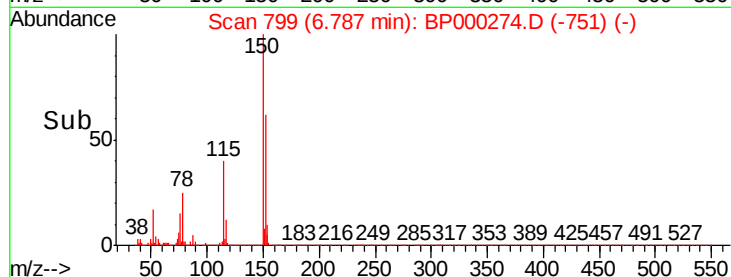
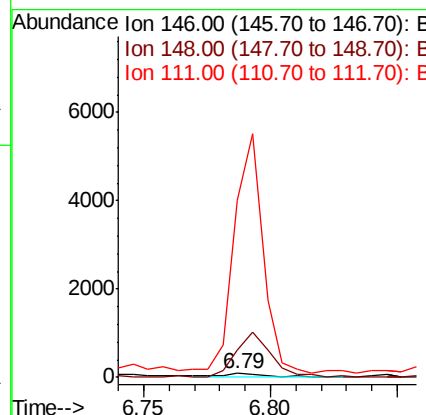
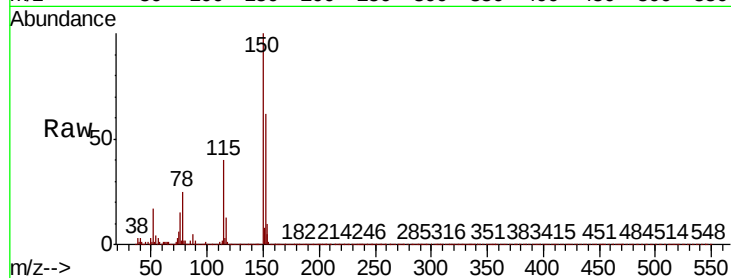




#13
1,4-Dichlorobenzene
Concen: 0.004 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.02 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

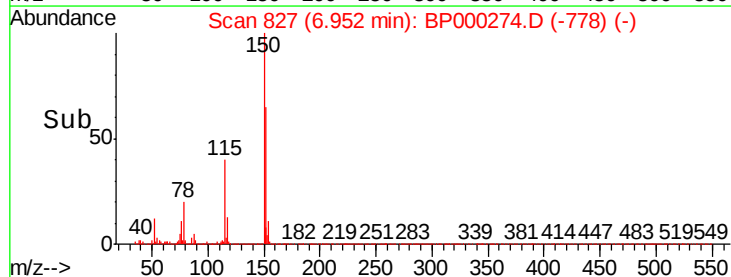
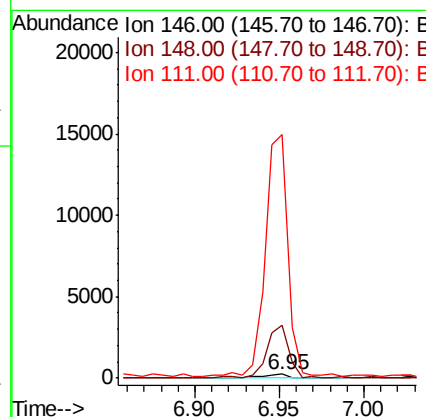
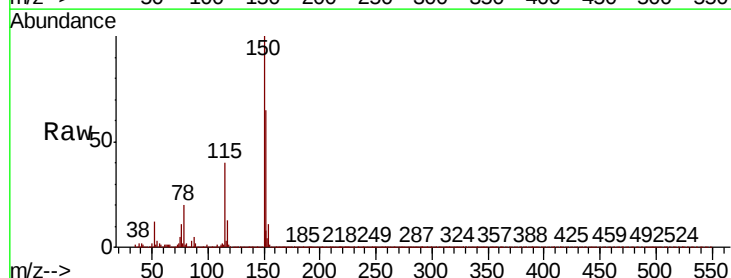
Instrument :
BNA_P
ClientSampleId :

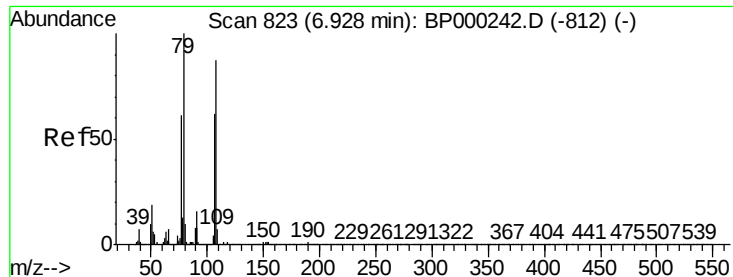
Tot Ion:146 Resp: 115
Ion Ratio Lower Upper
146 100
148 702.3 50.7 76.1#
111 4665.1 34.1 51.1#



#14
1,2-Dichlorobenzene
Concen: 0.015 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:146 Resp: 351
Ion Ratio Lower Upper
146 100
148 1380.0 51.7 77.5#
111 6363.4 33.4 50.2#





#15

Benzyl Alcohol

Concen: 1.330 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.02 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

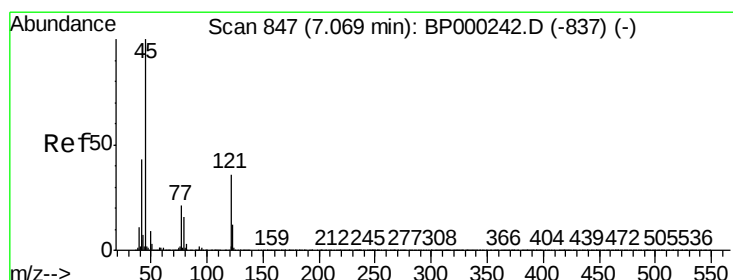
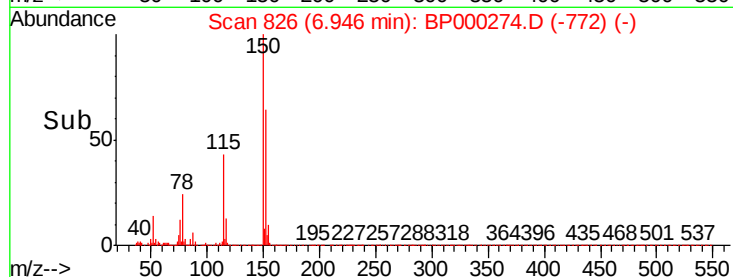
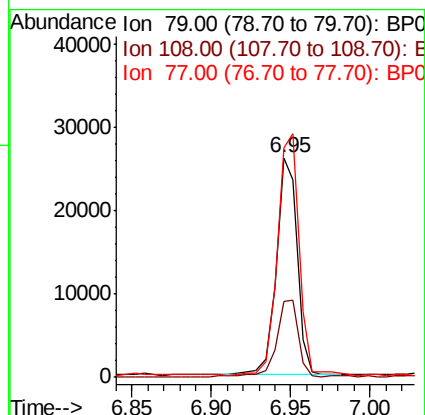
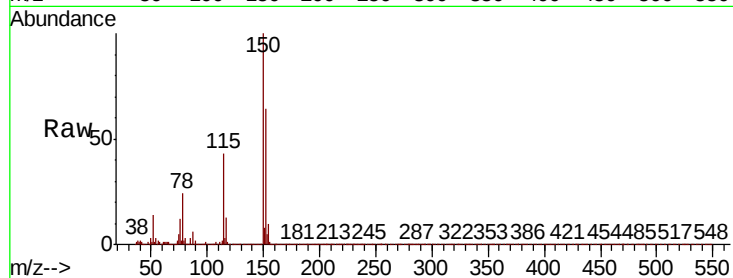
Tot Ion: 79 Resp: 23978

Ion Ratio Lower Upper

79 100

108 34.9 69.2 103.8#

77 104.5 48.7 73.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.007 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

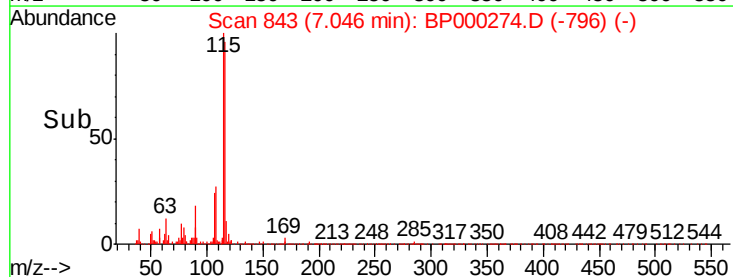
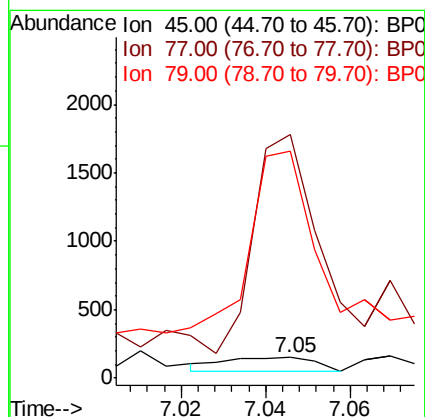
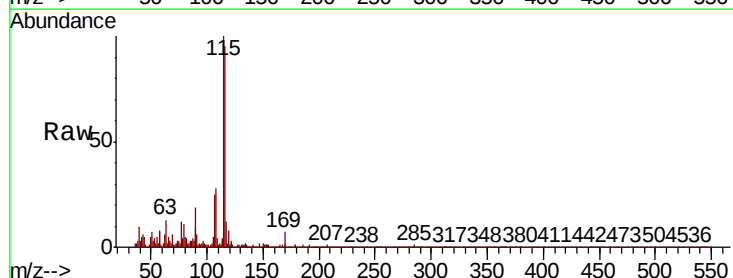
Tgt Ion: 45 Resp: 147

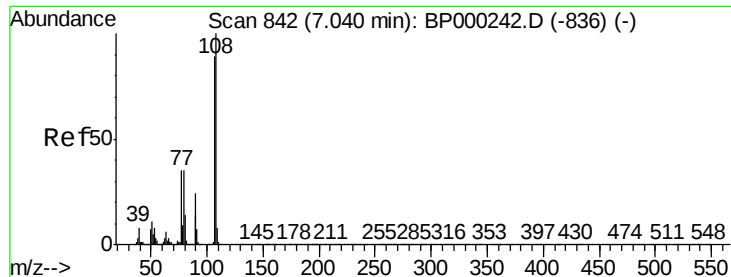
Ion Ratio Lower Upper

45 100

77 1178.1 0.7 40.7#

79 1097.4 0.0 36.4#





#17

2-Methylphenol

Concen: 0.218 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BP000274.D

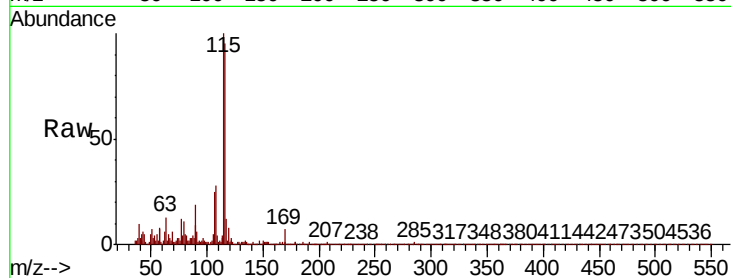
Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	107	Resp:	4067
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.1	135.1
77	46.2	31.5	47.3
79	43.1	32.2	48.2



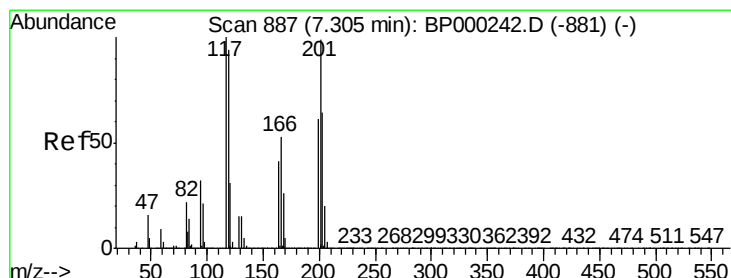
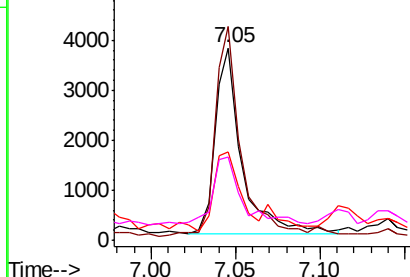
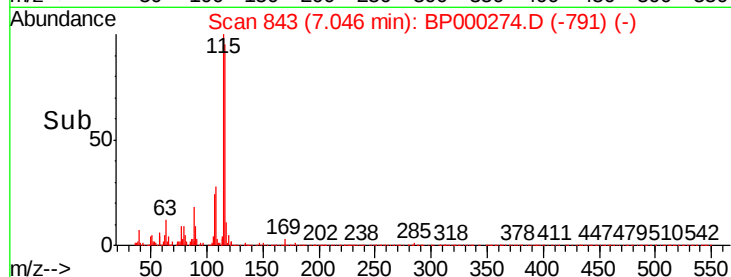
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 0.031 ng

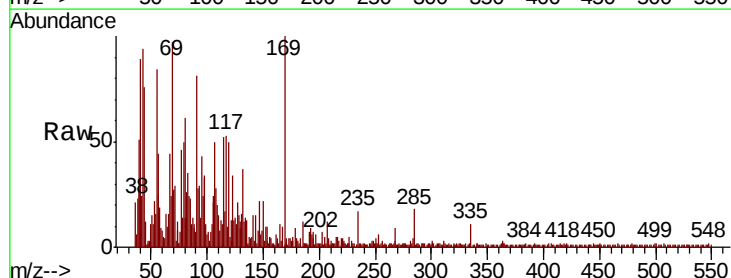
RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Tgt Ion:	117	Resp:	298
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.6	113.4
201	4.2	79.4	119.2#

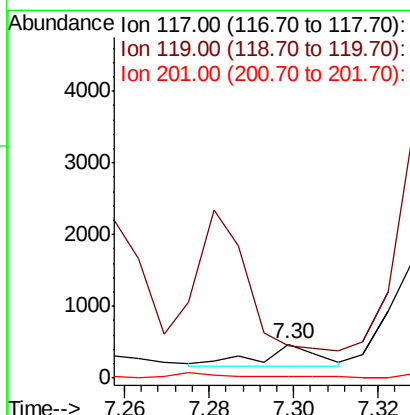
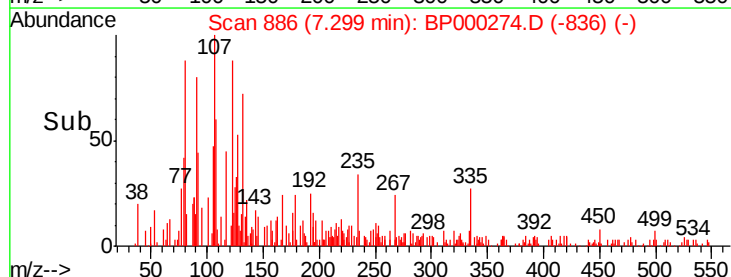


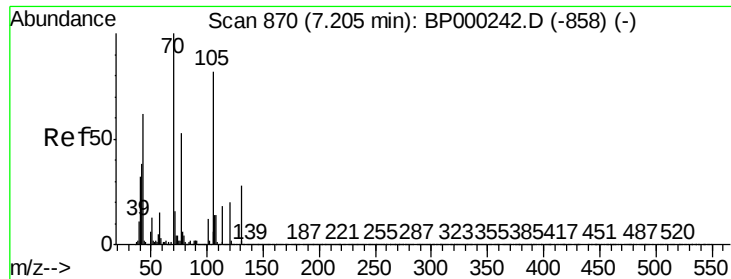
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

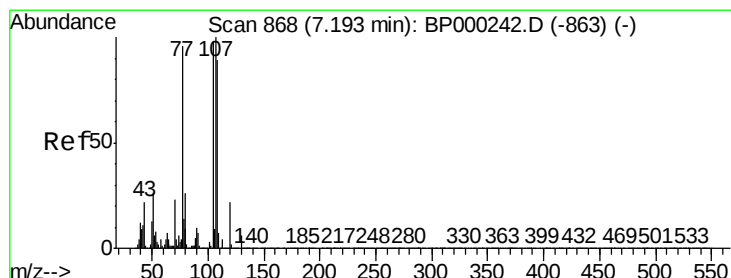
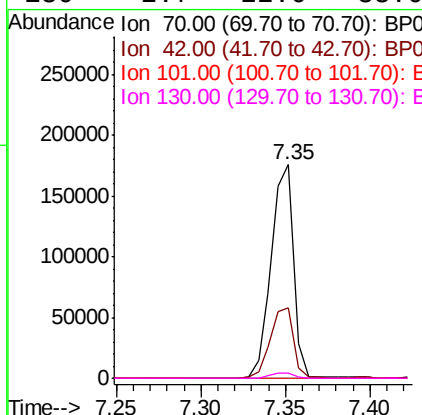
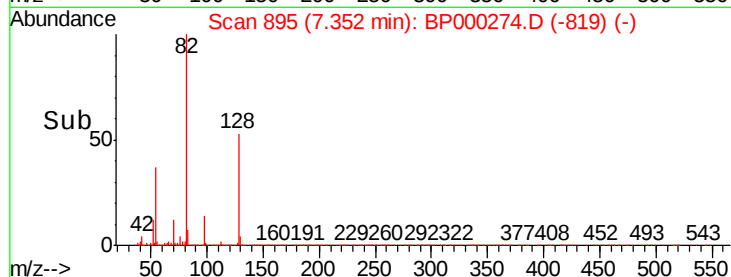
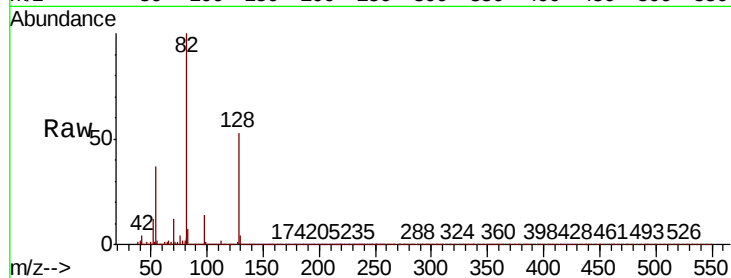




#19
n-Nitroso-di-n-propylamine
Concen: 12.134 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

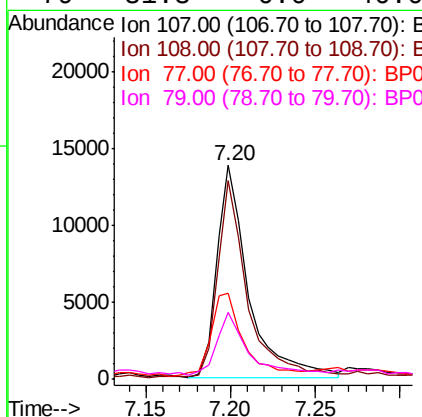
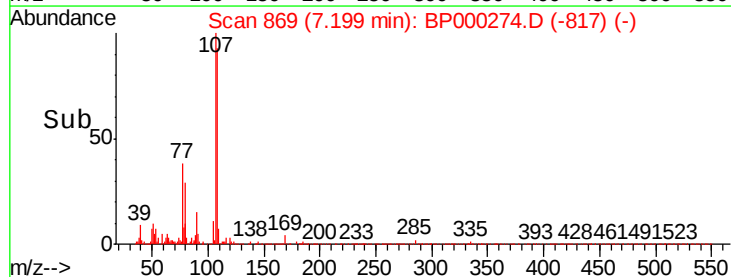
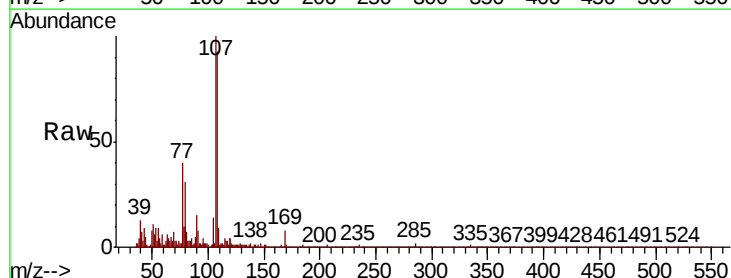
Instrument :
BNA_P
ClientSampled :

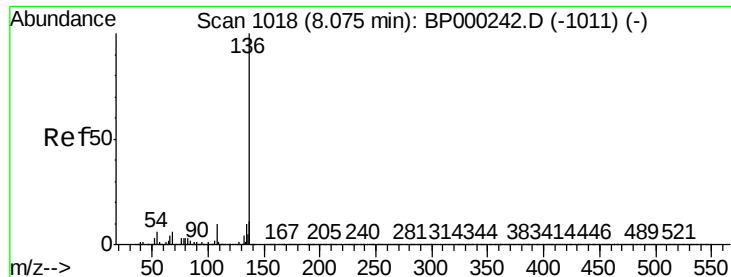
Tot Ion: 70 Resp: 158977
Ion Ratio Lower Upper
70 100
42 33.0 30.7 46.1
101 0.1 9.6 14.4#
130 2.7 22.0 33.0#



#20
3+4-Methylphenols
Concen: 0.798 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:107 Resp: 17984
Ion Ratio Lower Upper
107 100
108 92.6 68.8 108.8
77 39.9 75.7 115.7#
79 31.3 6.0 46.0

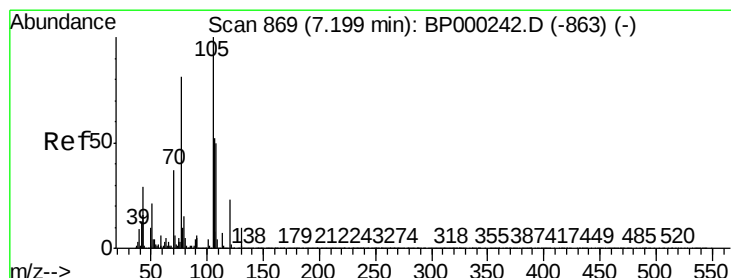
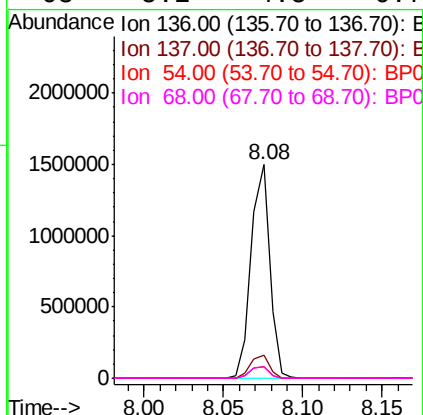
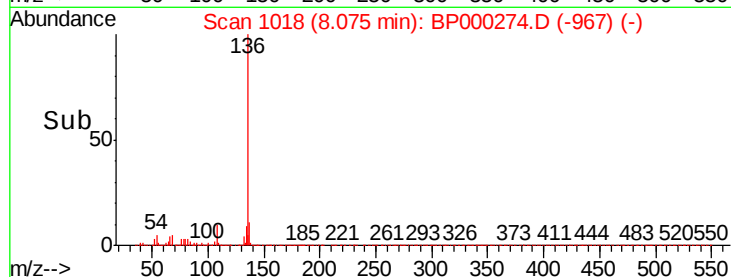
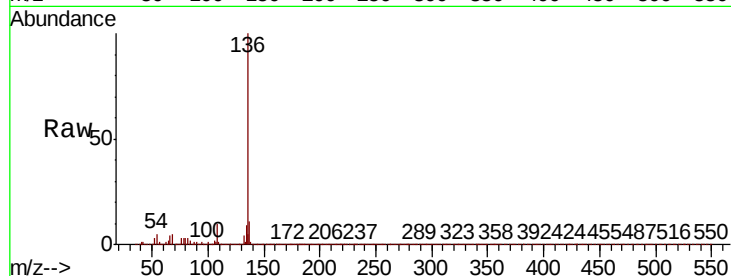




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

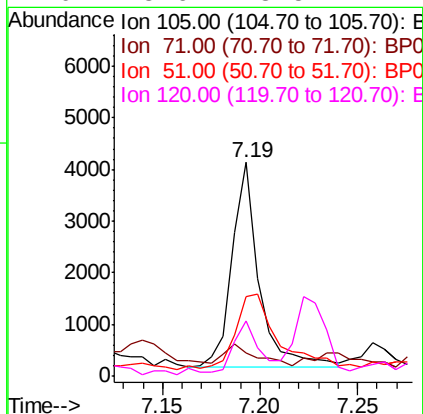
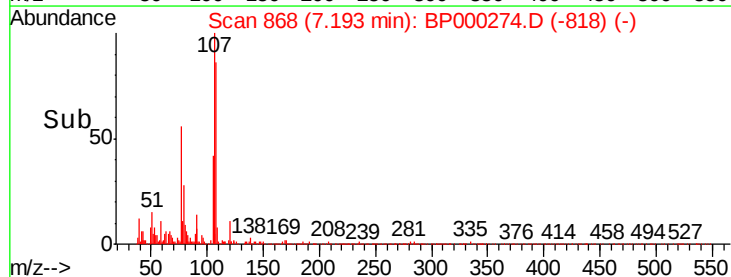
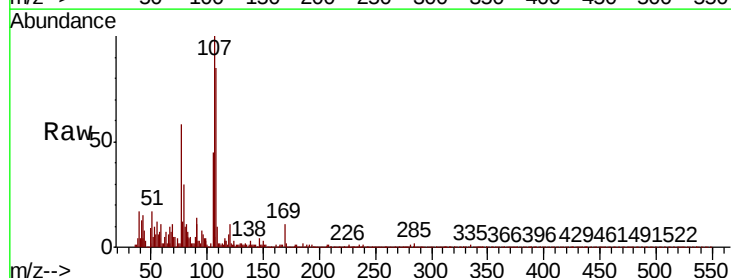
Instrument :
BNA_P
ClientSampleId :

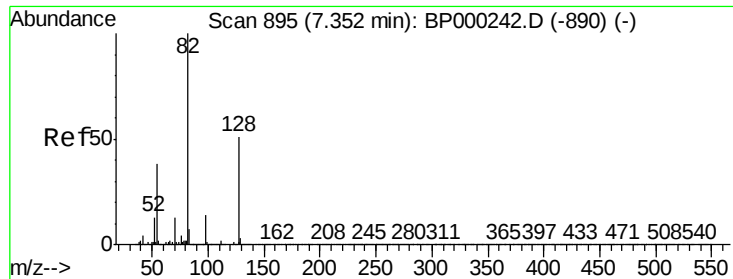
Tot Ion:136	Resp: 1224593
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 5.2	4.5 6.7
68 5.2	4.5 6.7



#22
Acetophenone
Concen: 0.143 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt	Ion:105	Resp:	3782
Ion	Ratio	Lower	Upper
105	100		
71	10.5	5.2	7.8#
51	37.1	16.6	24.8#
120	25.6	18.5	27.7

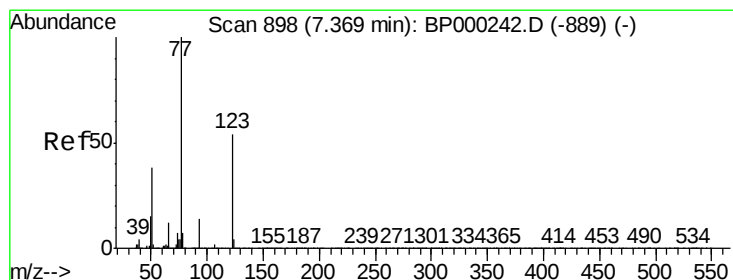
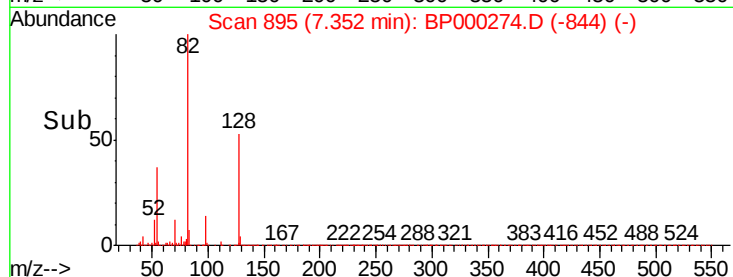
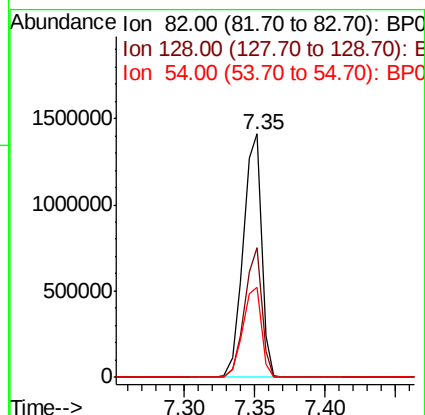
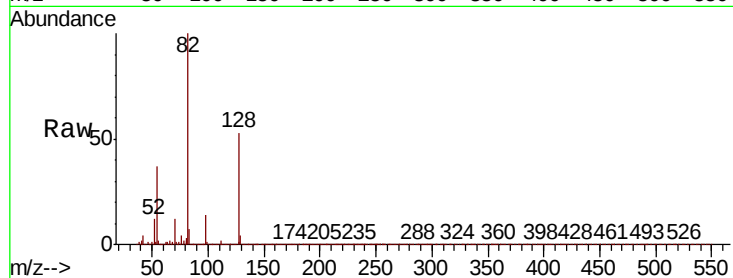




#23
Nitrobenzene-d5
Concen: 67.329 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

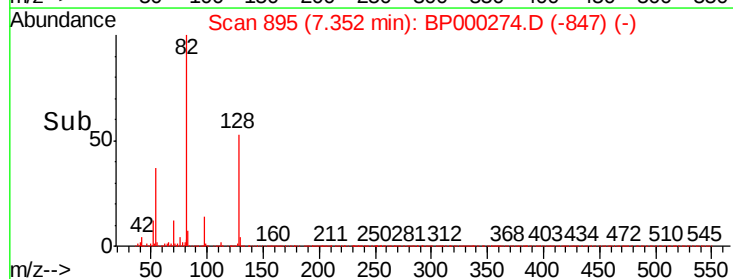
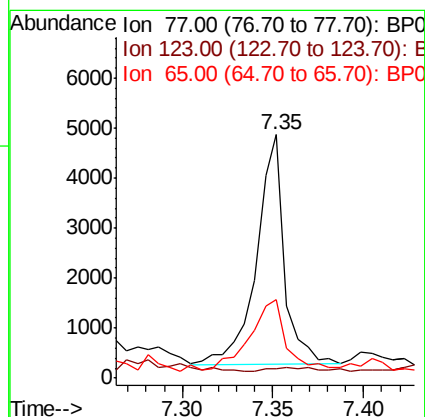
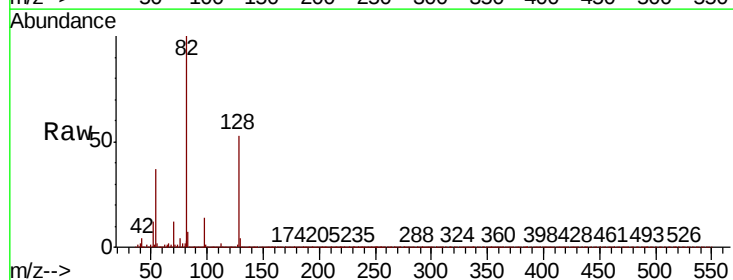
Instrument :
BNA_P
ClientSampleId :

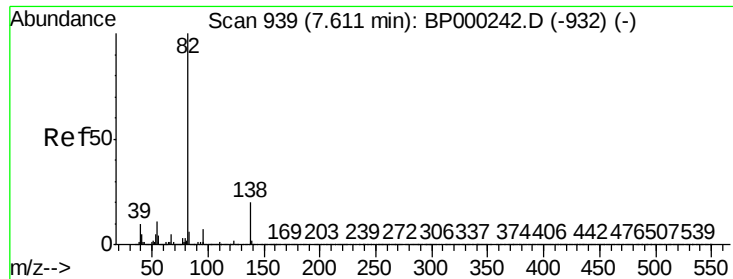
Tot Ion: 82 Resp: 1277924
Ion Ratio Lower Upper
82 100
128 53.2 40.7 61.1
54 36.8 30.1 45.1



#24
Nitrobenzene
Concen: 0.252 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.02 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion: 77 Resp: 4966
Ion Ratio Lower Upper
77 100
123 3.6 43.1 64.7#
65 32.4 9.4 14.2#





#25

Isophorone

Concen: 33.945 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

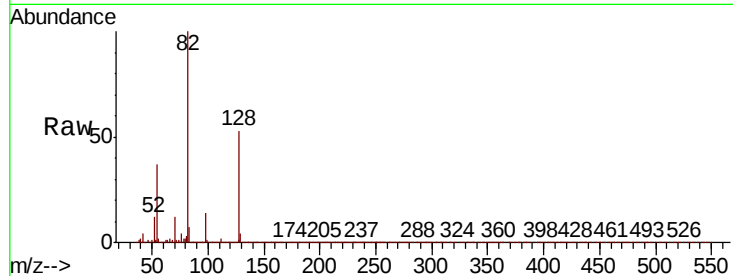
Tot Ion: 82 Resp: 1275758

Ion Ratio Lower Upper

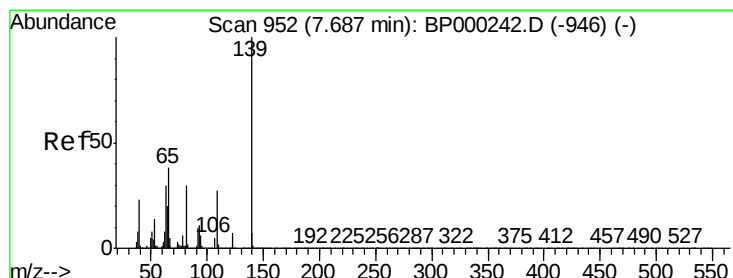
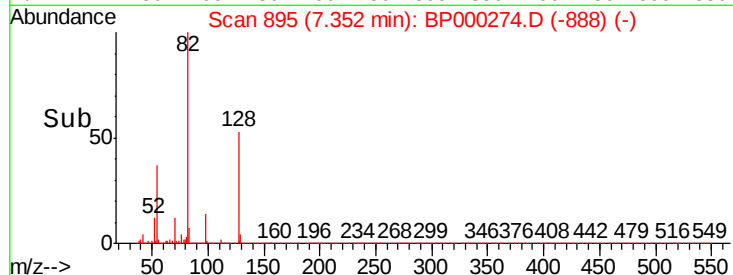
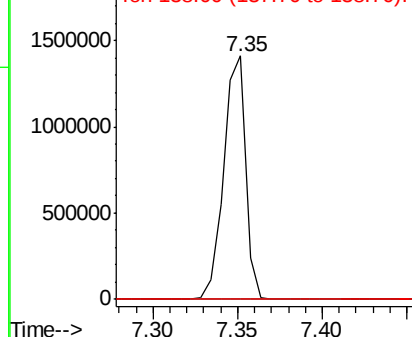
82 100

95 0.0 5.9 8.9#

138 0.0 15.9 23.9#



Abundance Ion 82.00 (81.70 to 82.70): BPO
Ion 95.00 (94.70 to 95.70): BPO
Ion 138.00 (137.70 to 138.70): BPO



#26

2-Nitrophenol

Concen: 0.005 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.01 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

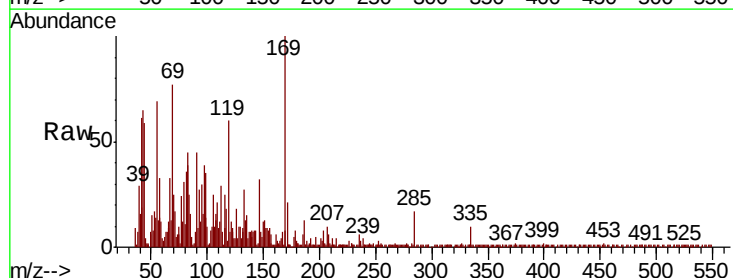
Tgt Ion: 139 Resp: 56

Ion Ratio Lower Upper

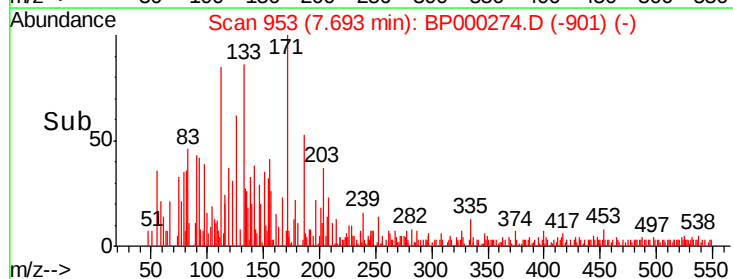
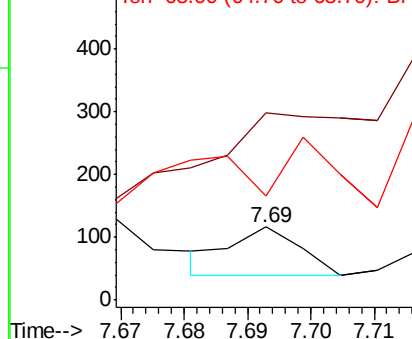
139 100

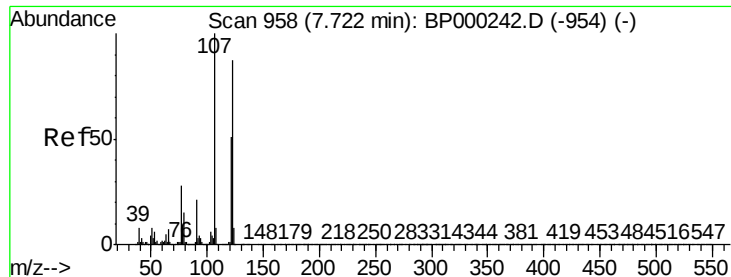
109 256.9 21.8 32.6#

65 143.1 30.5 45.7#



Abundance Ion 139.00 (138.70 to 139.70): BPO
Ion 109.00 (108.70 to 109.70): BPO
Ion 65.00 (64.70 to 65.70): BPO

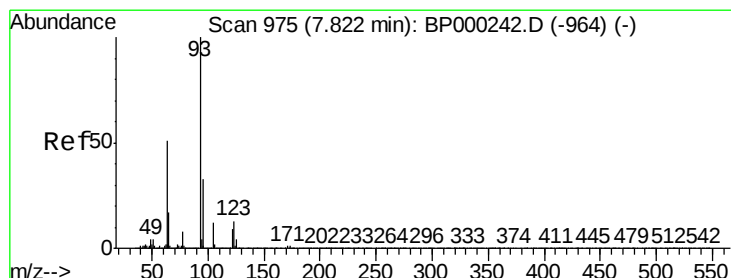
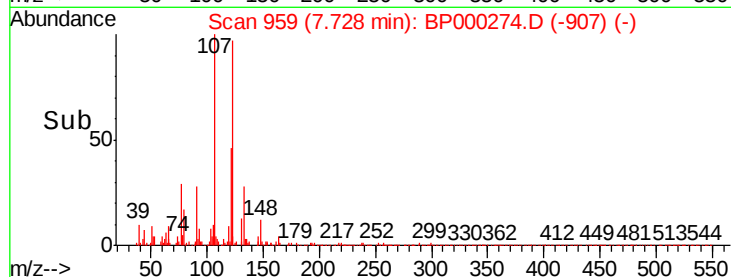
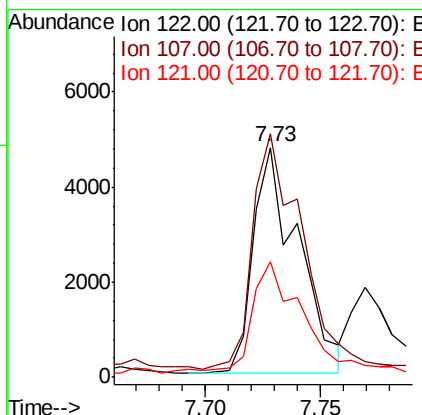
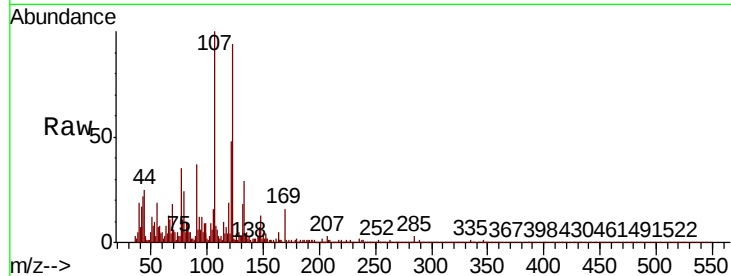




#27
2,4-Dimethylphenol
Concen: 0.382 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

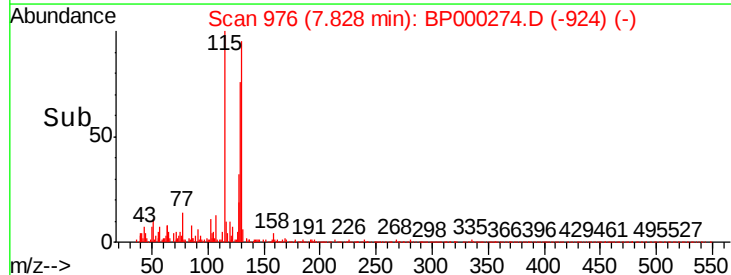
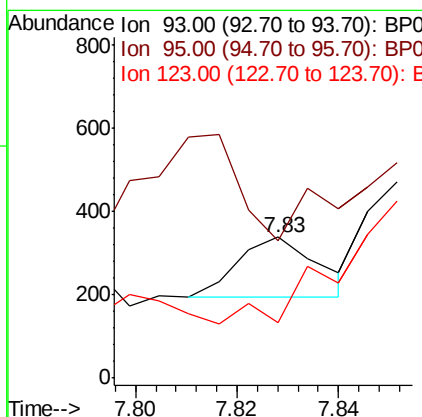
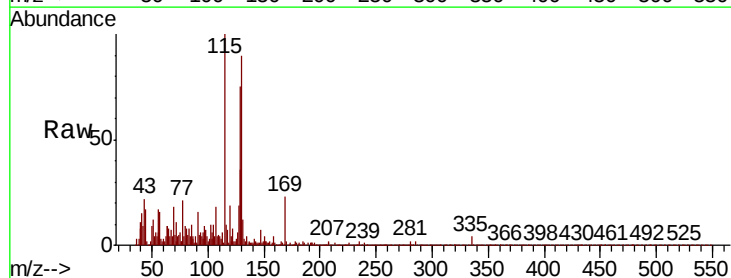
Instrument :
BNA_P
ClientSampleId :

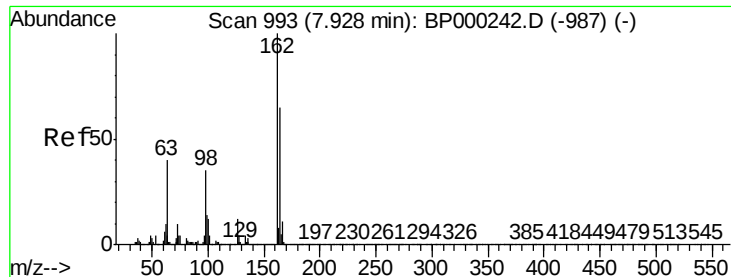
Tot Ion	Ratio	Lower	Upper
122	100		
107	105.9	91.5	137.3
121	50.4	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 0.006 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	97.3	26.2	39.4#
123	39.1	10.2	15.2#





#29

2,4-Dichlorophenol

Concen: 0.007 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

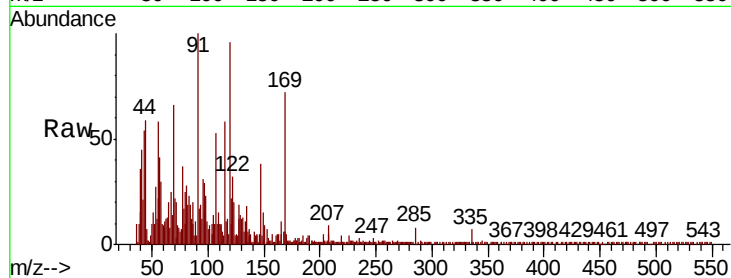
Tot Ion:162 Resp: 125

Ion Ratio Lower Upper

162 100

164 30.9 44.5 84.5#

98 446.9 15.2 55.2#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0

600

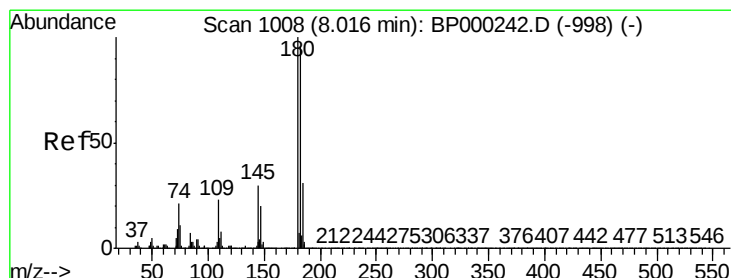
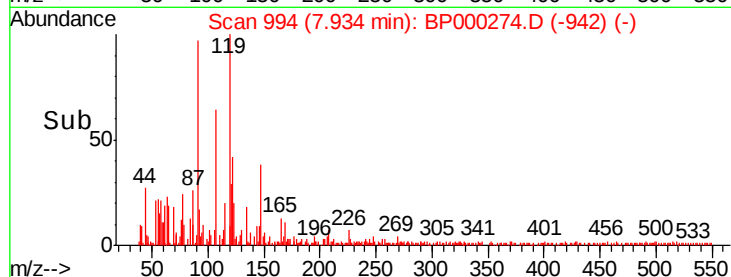
400

200

0

7.90 7.92 7.94 7.96

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 0.002 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

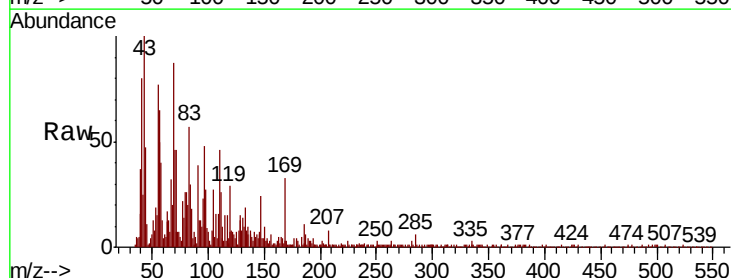
Tgt Ion:180 Resp: 32

Ion Ratio Lower Upper

180 100

182 0.0 77.2 115.8#

145 252.5 24.3 36.5#



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

250

200

150

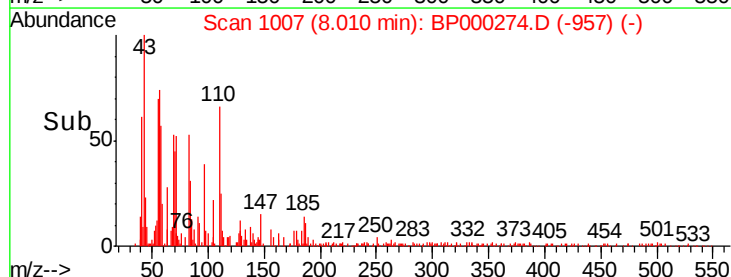
100

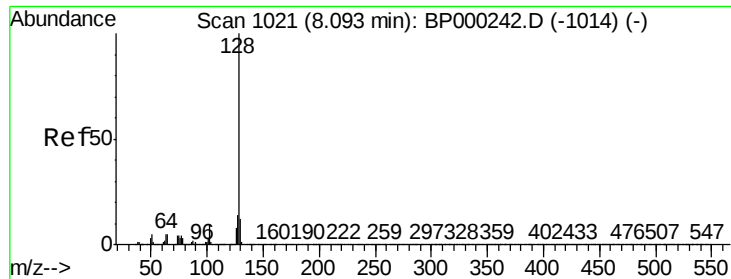
50

0

8.00 8.01 8.02 8.03

Time-->

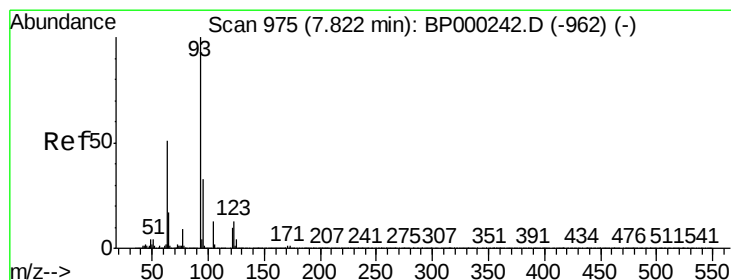
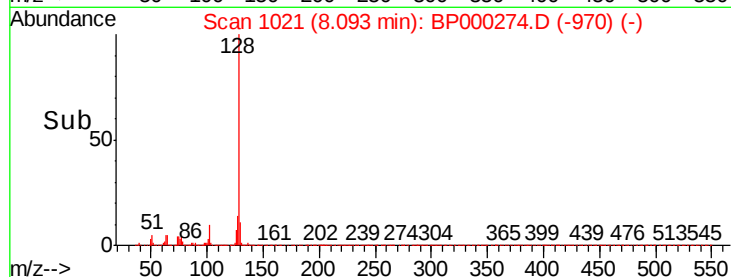
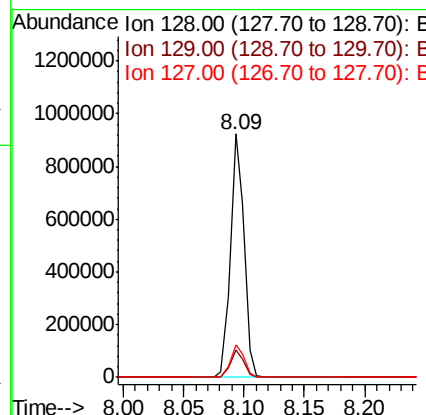
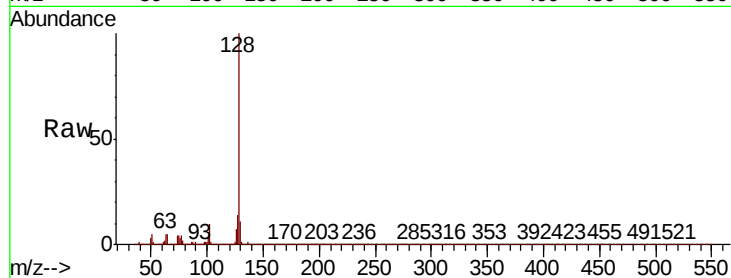




#31
Naphthalene
Concen: 12.675 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

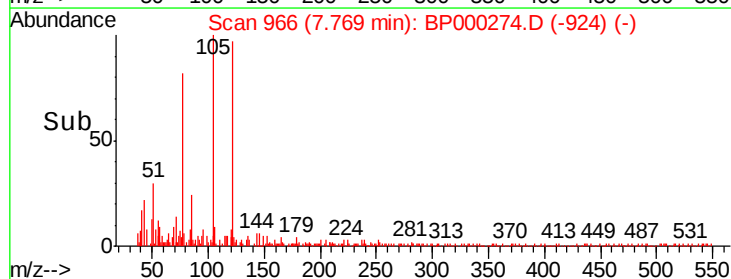
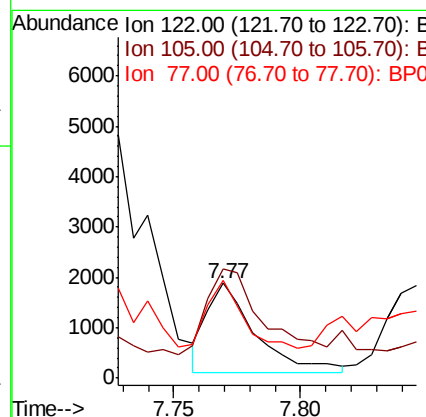
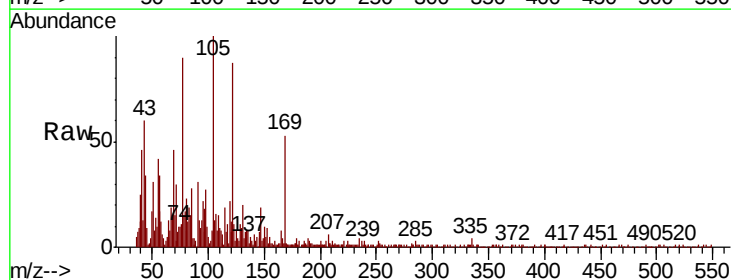
Instrument :
BNA_P
ClientSampleId :

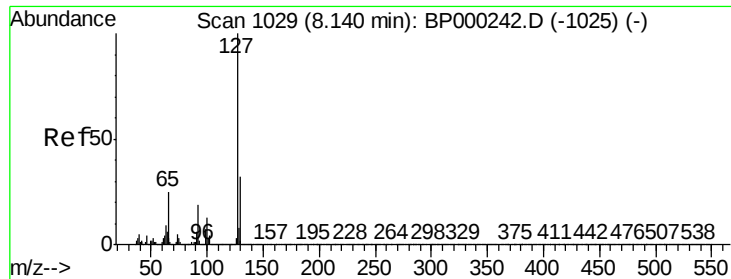
Tot Ion:	128	Resp:	718857
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.5	11.0	16.6



#32
Benzoic acid
Concen: 0.212 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.05 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:	122	Resp:	2381
Ion	Ratio	Lower	Upper
122	100		
105	114.4	105.4	145.4
77	103.0	65.3	105.3

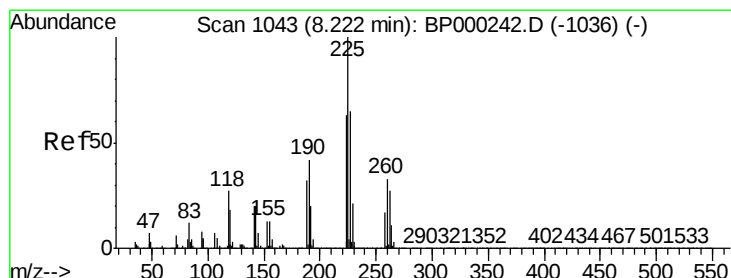
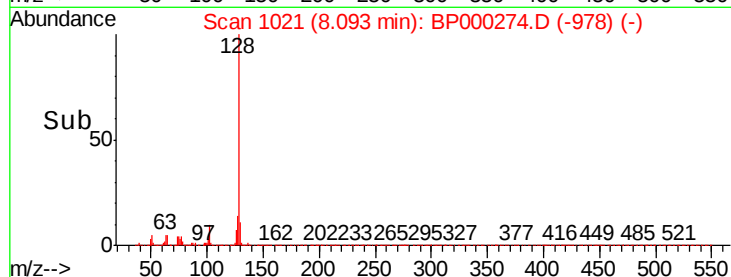
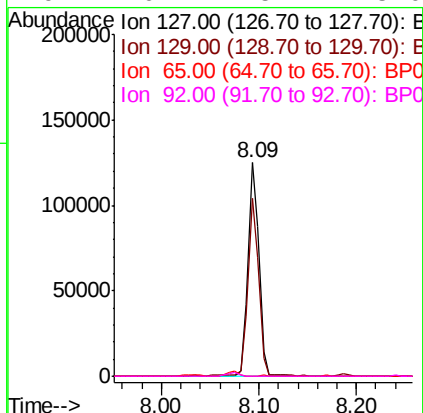
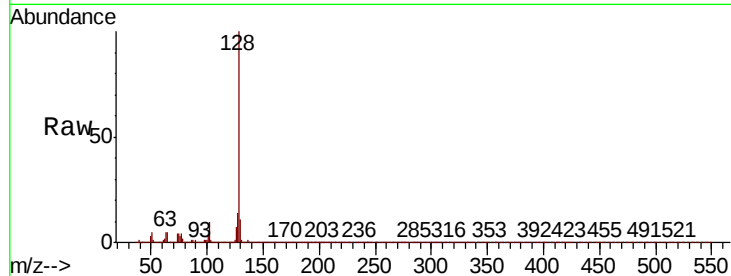




#33
4-Chloroaniline
Concen: 3.787 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.05 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

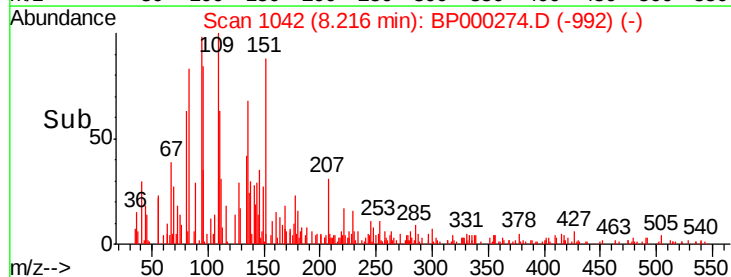
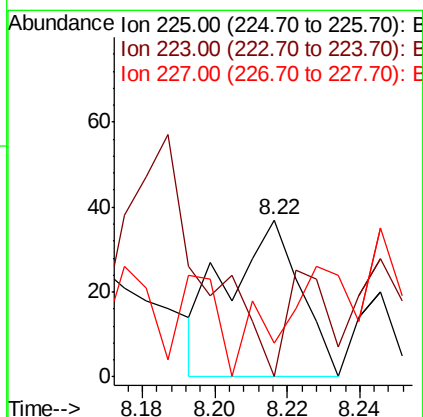
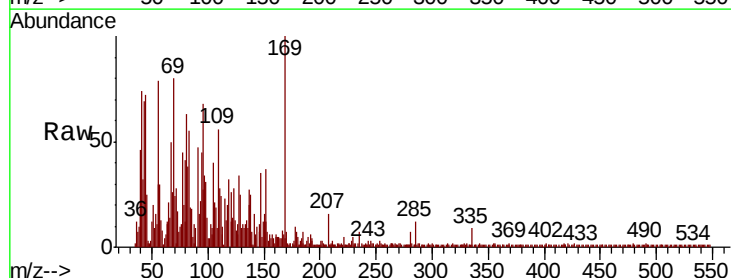
Instrument :
BNA_P
ClientSampleId :

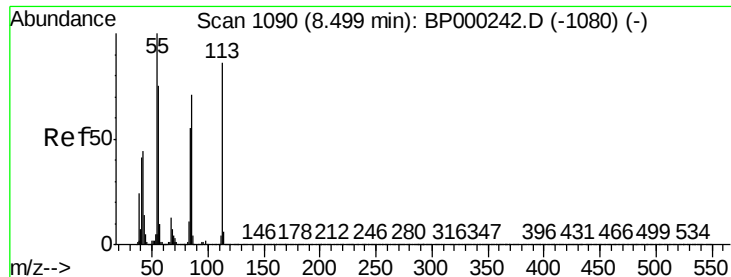
Tot Ion:	127	Resp:	97195
Ion Ratio	Lower	Upper	
127	100		
129	83.1	25.7	38.5#
65	0.0	19.9	29.9#
92	0.2	15.4	23.0#



#34
Hexachlorobutadiene
Concen: 0.004 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:	225	Resp:	52
Ion Ratio	Lower	Upper	
225	100		
223	0.0	50.2	75.2#
227	21.6	51.8	77.6#

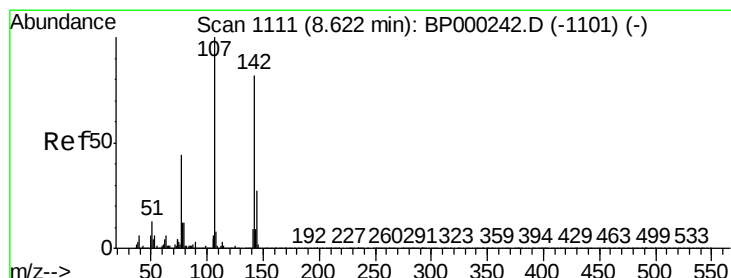
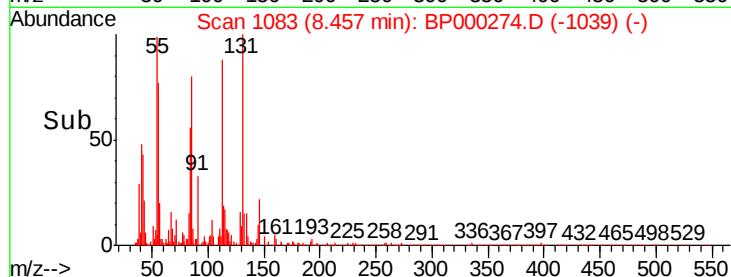
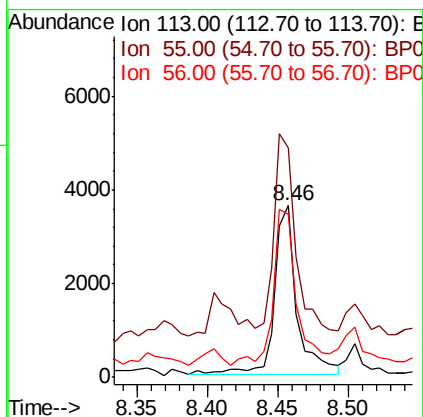
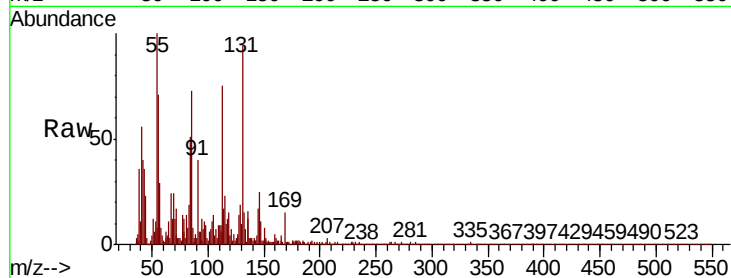




#35
Caprolactam
Concen: 0.674 ng
RT: 8.46 min Scan# 1083
Delta R.T. -0.04 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

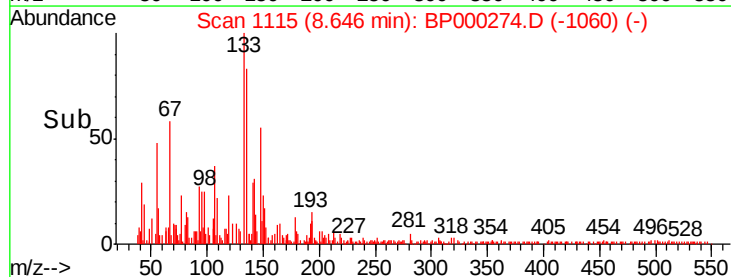
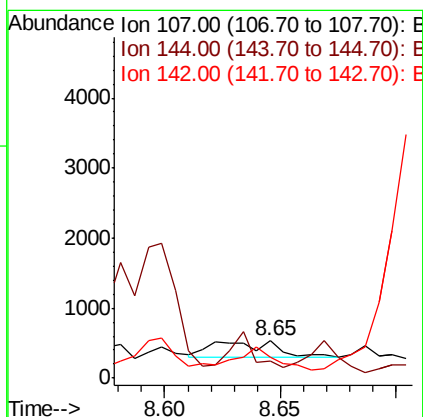
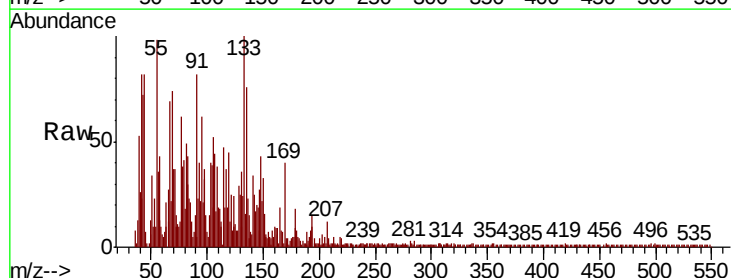
Instrument :
BNA_P
ClientSampleId :

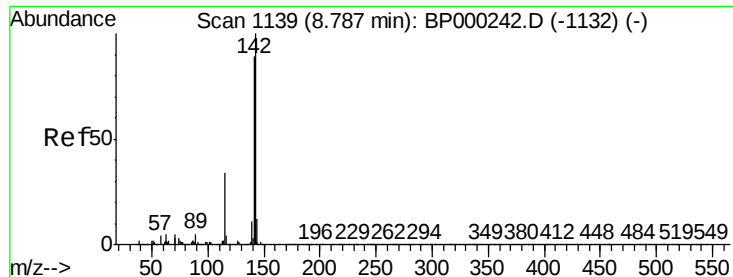
Tot Ion:113 Resp: 4093
Ion Ratio Lower Upper
113 100
55 134.0 96.8 136.8
56 94.9 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 0.024 ng
RT: 8.65 min Scan# 1115
Delta R.T. 0.02 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:107 Resp: 439
Ion Ratio Lower Upper
107 100
144 45.2 21.5 32.3#
142 56.7 65.7 98.5#

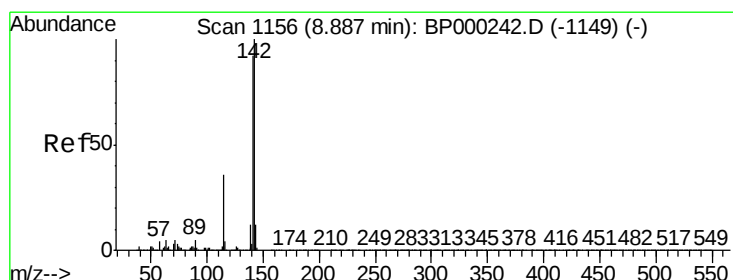
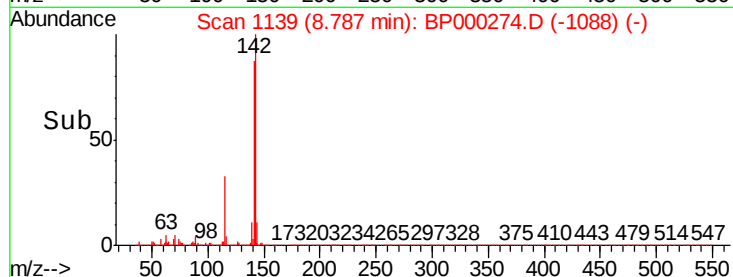
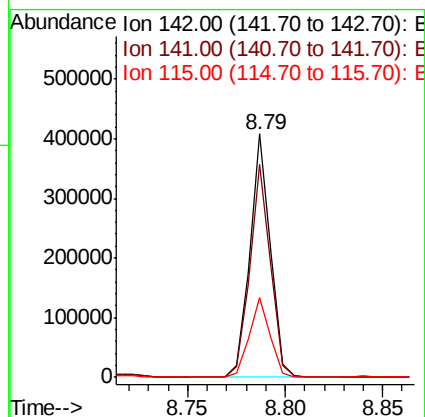
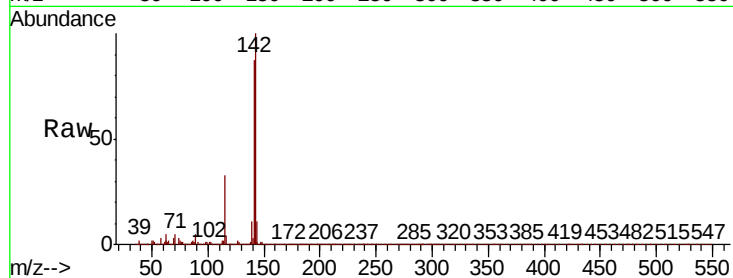




#37
2-Methylnaphthalene
Concen: 7.583 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

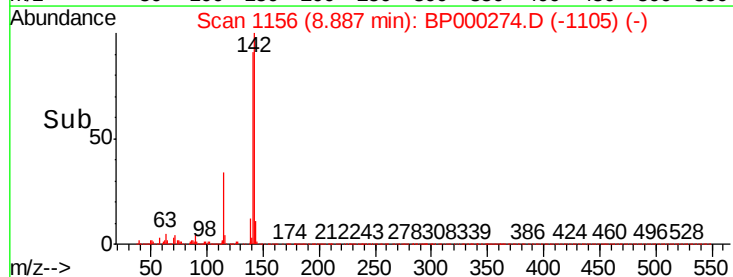
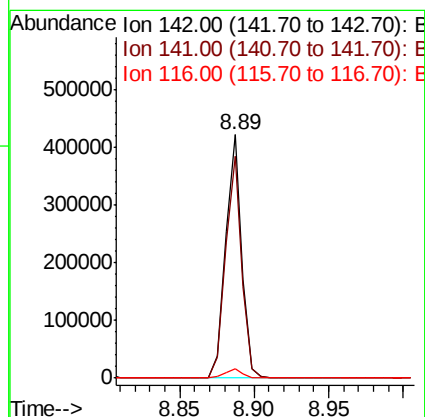
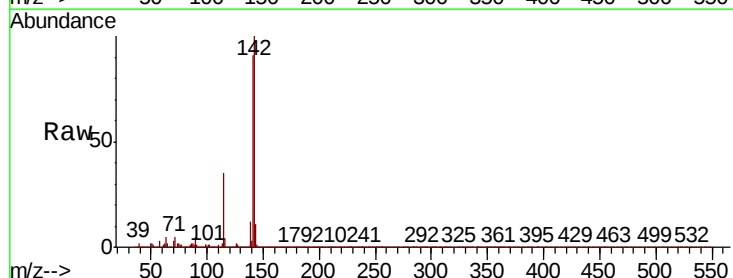
Instrument :
BNA_P
ClientSampleId :

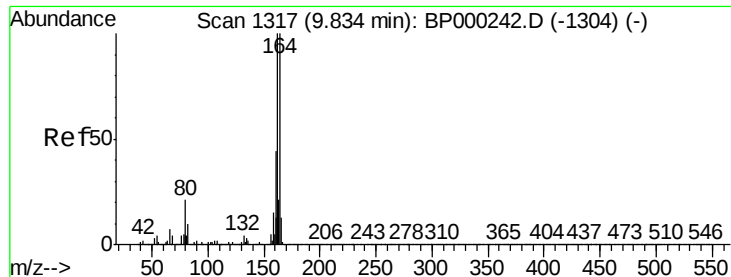
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	71.3	106.9
115	32.9	27.2	40.8



#38
1-Methylnaphthalene
Concen: 8.831 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.9	110.9
116	3.8	3.0	4.6

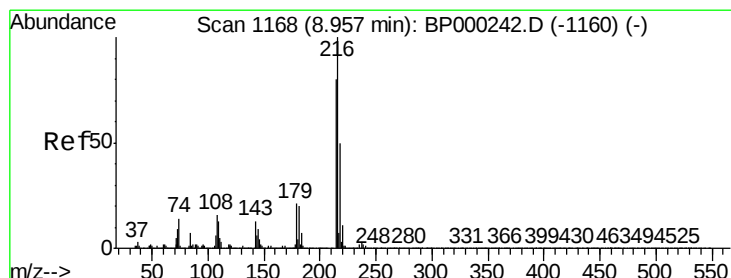
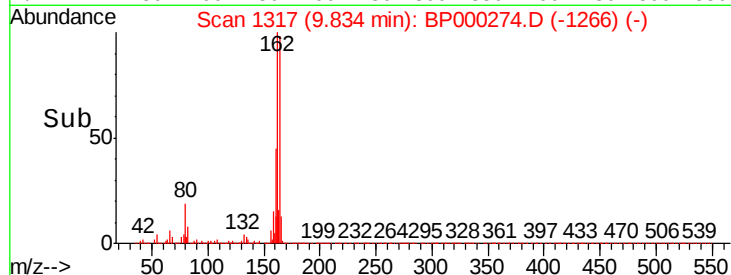
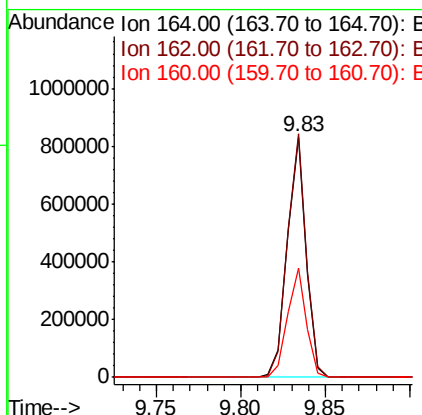
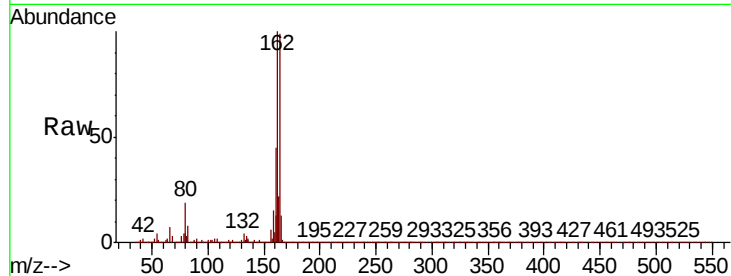




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

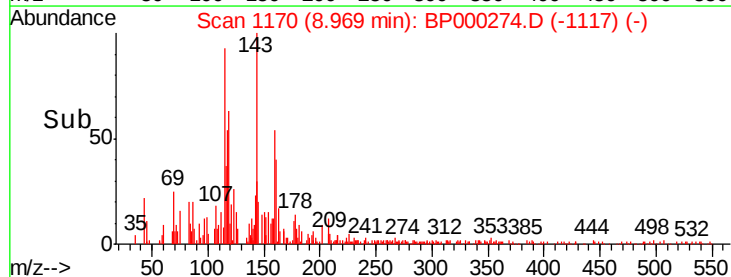
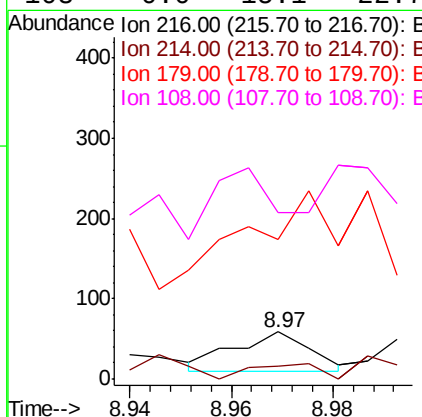
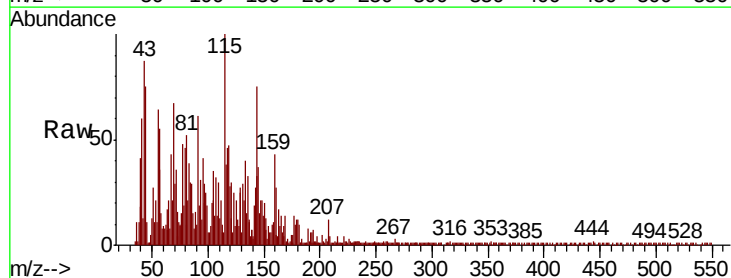
Instrument :
BNA_P
ClientSampleId :

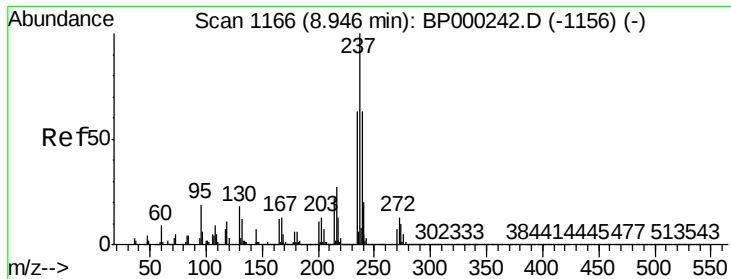
Tot Ion:164 Resp: 648666
Ion Ratio Lower Upper
164 100
162 101.3 79.9 119.9
160 45.5 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.003 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:216 Resp: 52
Ion Ratio Lower Upper
216 100
214 34.6 63.6 95.4#
179 0.0 17.0 25.4#
108 0.0 15.1 22.7#





#41

Hexachlorocyclopentadiene

Concen: 0.001 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.08 min

Lab File: BP000274.D

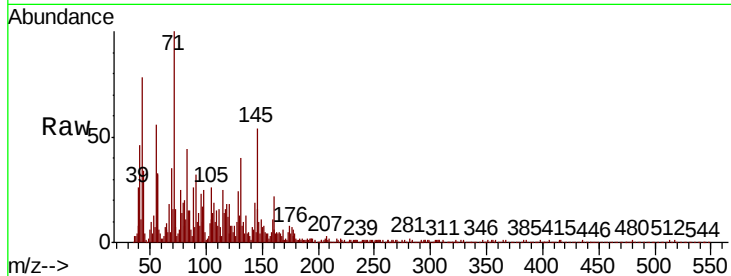
Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

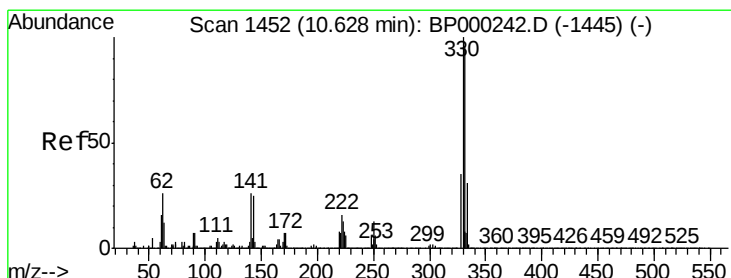
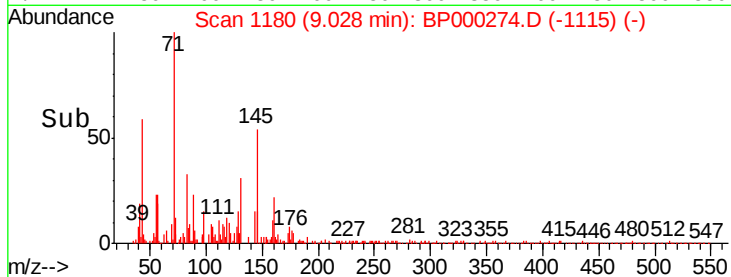
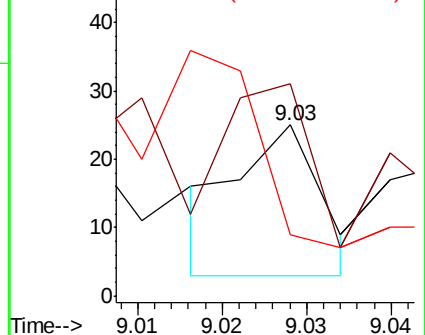
Tot Ion:	237	Resp:	15
Ion	Ratio	Lower	Upper
237	100		
235	81.6	43.5	83.5
272	23.7	0.0	33.0



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: 113.466 ng

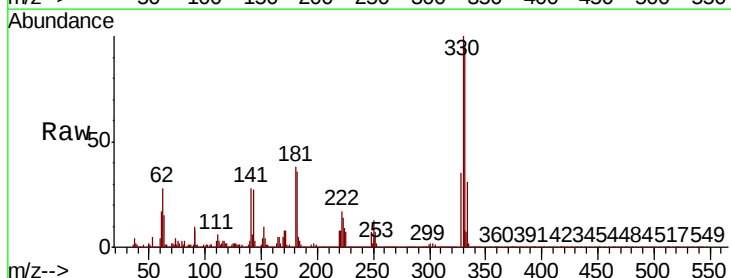
RT: 10.63 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

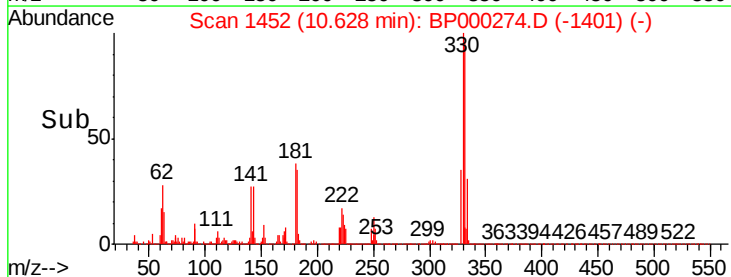
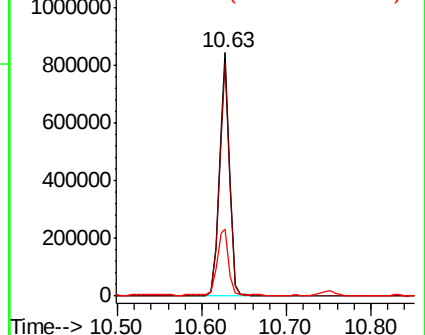
Tgt Ion:	330	Resp:	730030
Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.6	115.0
141	30.7	26.5	39.7

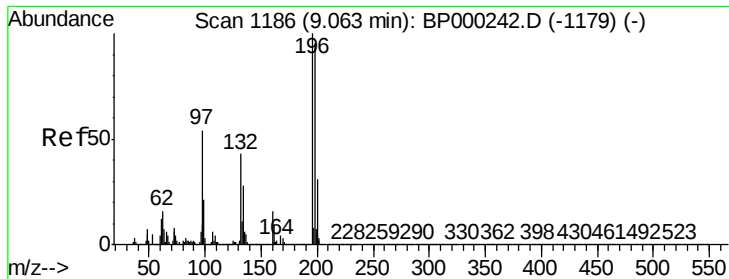


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 0.004 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.01 min

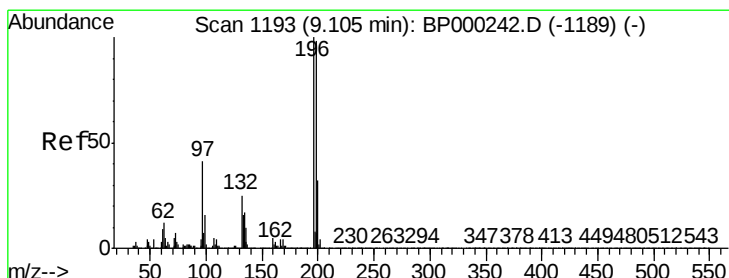
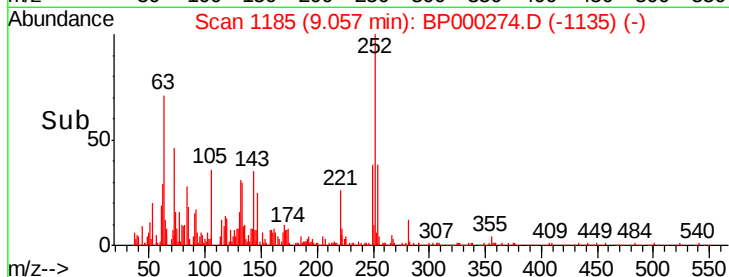
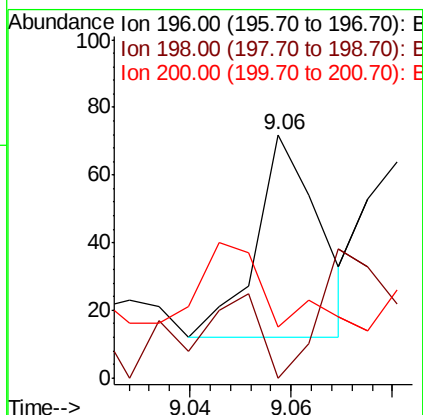
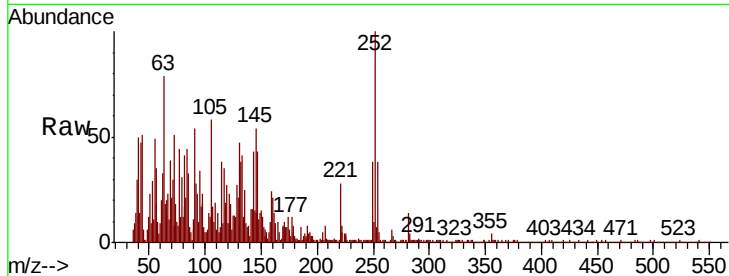
Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :
BNA_P
ClientSampled :

Tot Ion:196 Resp: 52

Ion	Ratio	Lower	Upper
196	100		
198	0.0	76.0	114.0#
200	20.8	24.6	37.0#



#44

2,4,5-Trichlorophenol

Concen: 0.004 ng

RT: 9.12 min Scan# 1195

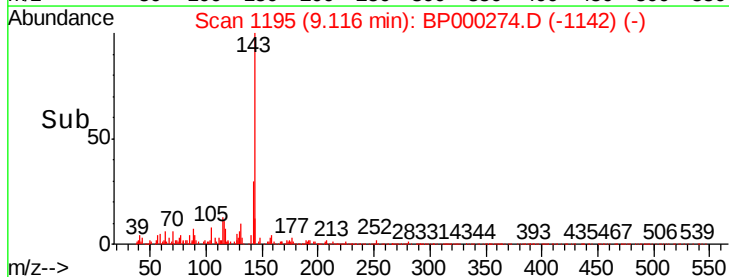
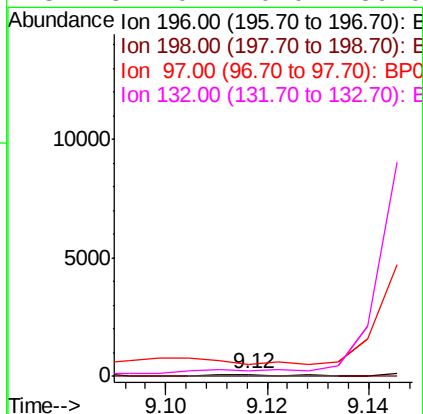
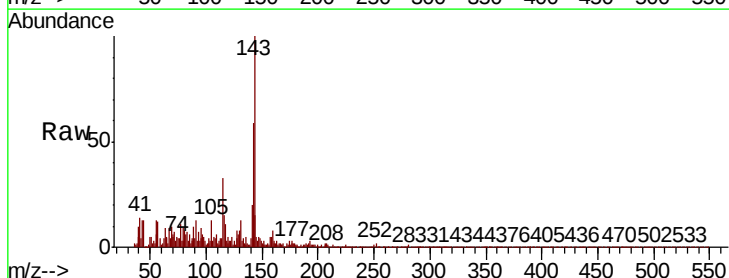
Delta R.T. 0.01 min

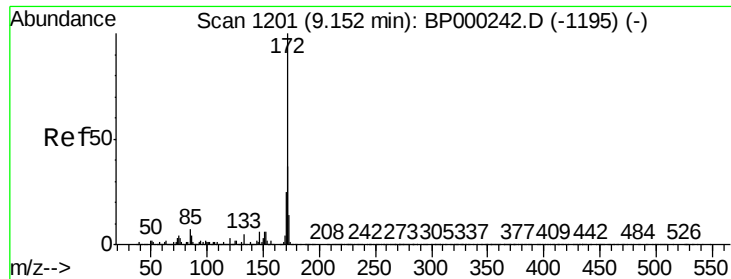
Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Tgt Ion:196 Resp: 52

Ion	Ratio	Lower	Upper
196	100		
198	17.3	78.1	117.1#
97	682.7	33.3	49.9#
132	312.0	20.0	30.0#

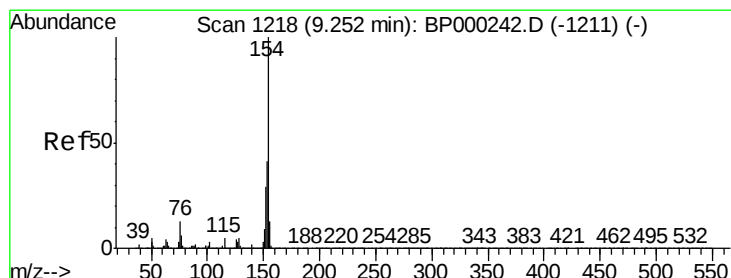
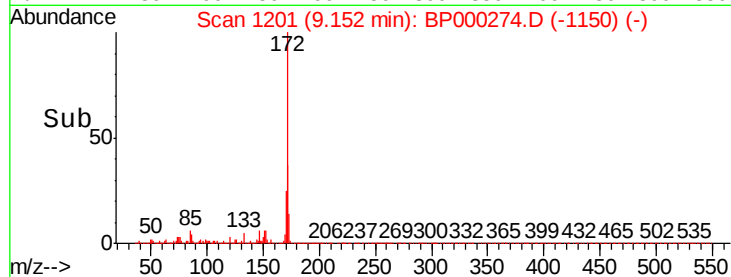
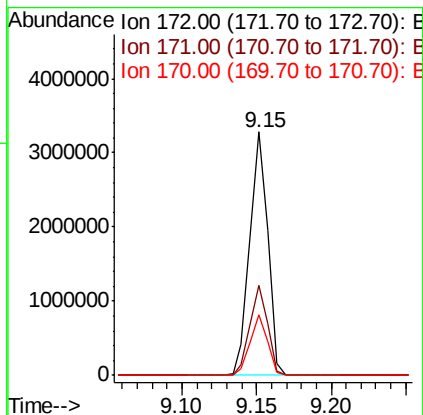
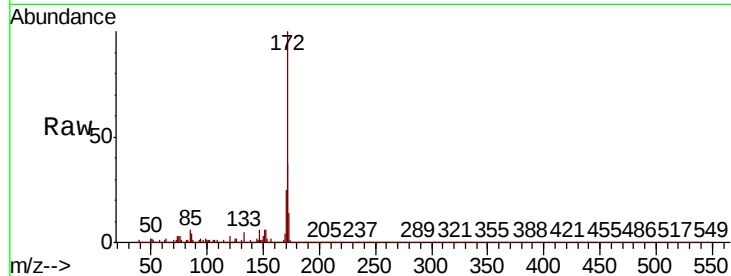




#45
2-Fluorobiphenyl
Concen: 75.692 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

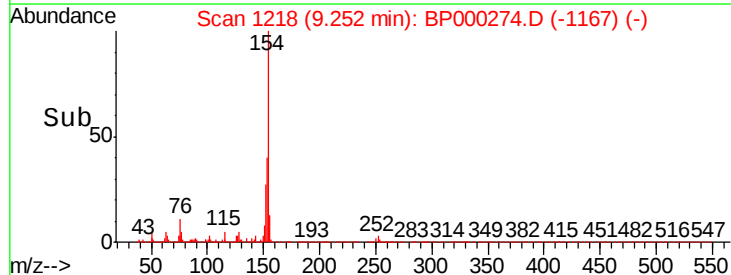
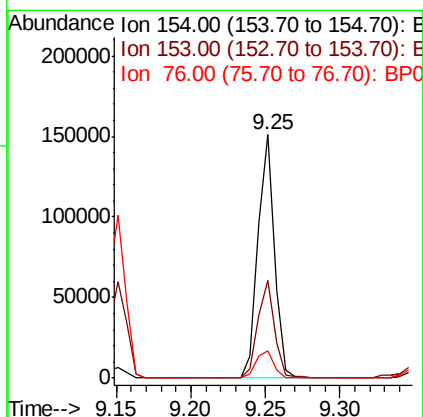
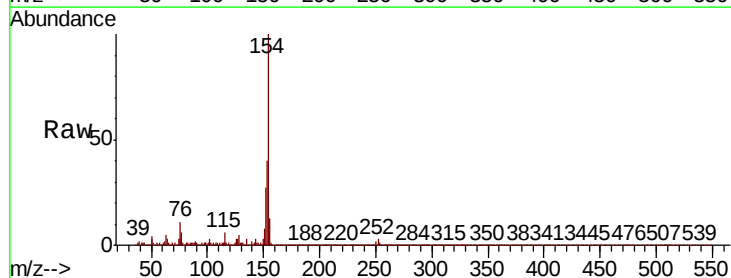
Instrument :
BNA_P
ClientSampleId :

Tot Ion:172 Resp: 2728012
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.8 19.8 29.6



#46
1,1'-Biphenyl
Concen: 2.537 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:154 Resp: 113851
Ion Ratio Lower Upper
154 100
153 40.3 21.4 61.4
76 11.1 0.0 33.4

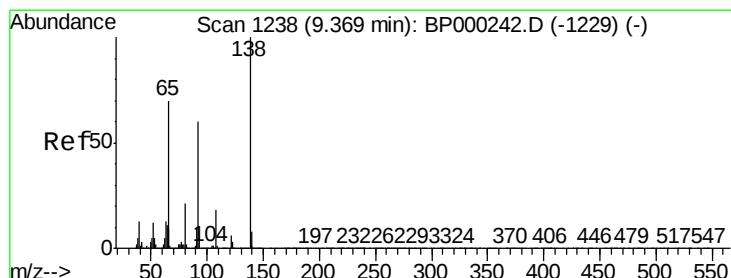
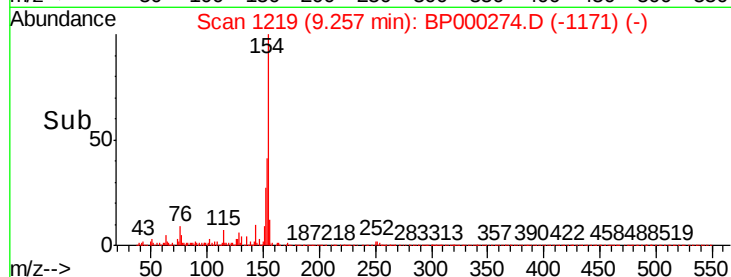
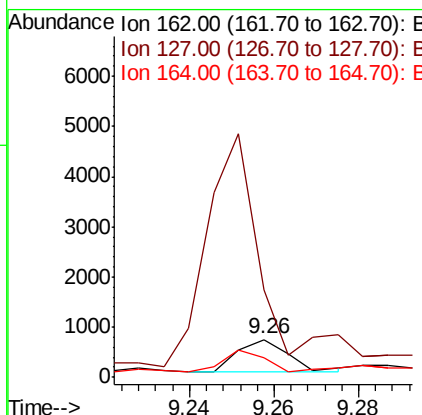
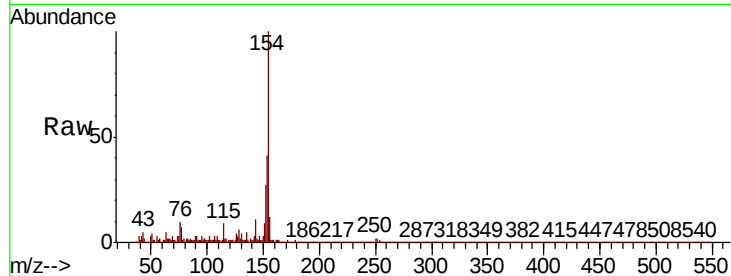




#47
2-Chloronaphthalene
Concen: 0.015 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

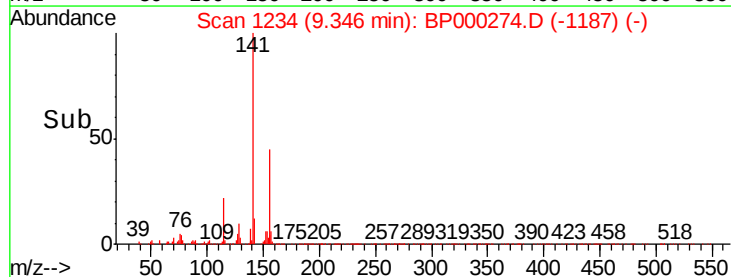
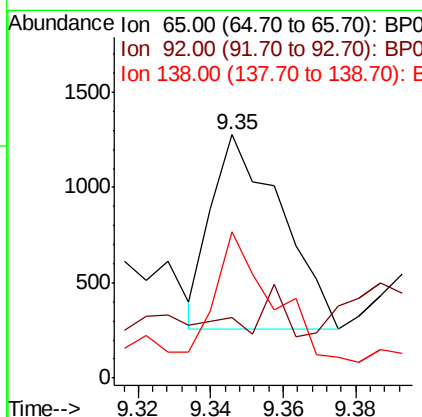
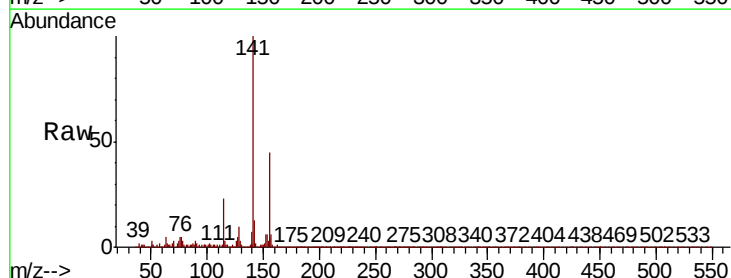
Instrument :
BNA_P
ClientSampleId :

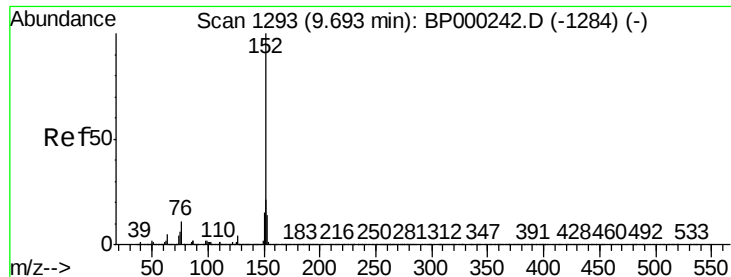
Tot Ion: 162 Resp: 552
Ion Ratio Lower Upper
162 100
127 232.2 32.4 48.6#
164 52.8 26.3 39.5#



#48
2-Nitroaniline
Concen: 0.142 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.02 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion: 65 Resp: 1360
Ion Ratio Lower Upper
65 100
92 24.6 68.7 103.1#
138 60.3 114.4 171.6#





#49

Acenaphthylene

Concen: 8.565 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

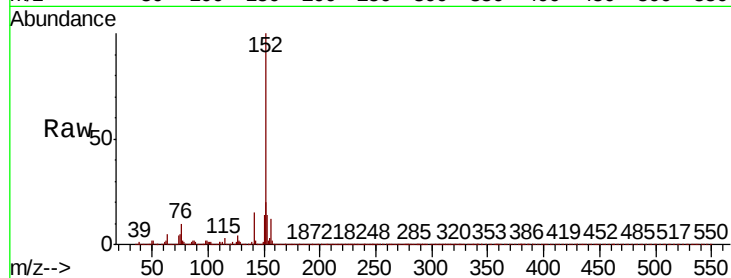
Tot Ion:152 Resp: 484663

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

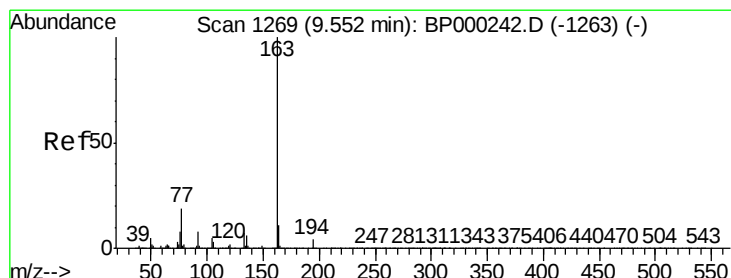
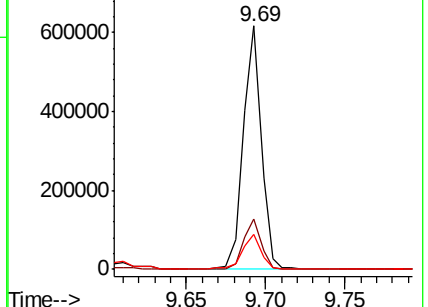
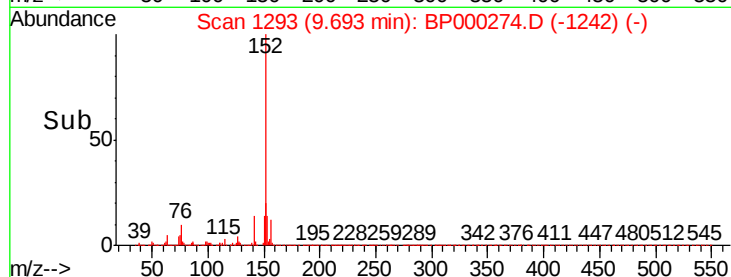
153 14.4 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 11.455 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

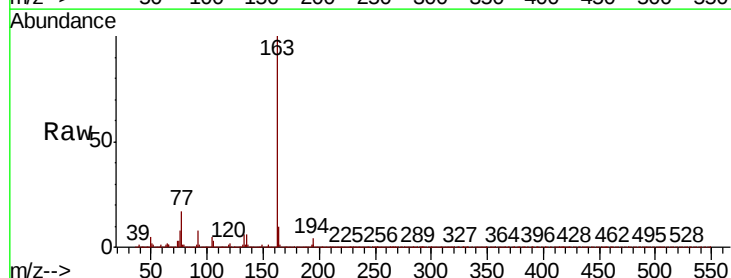
Tgt Ion:163 Resp: 506241

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

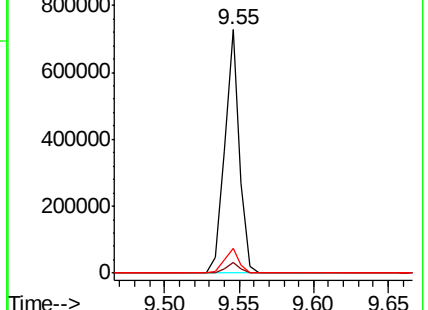
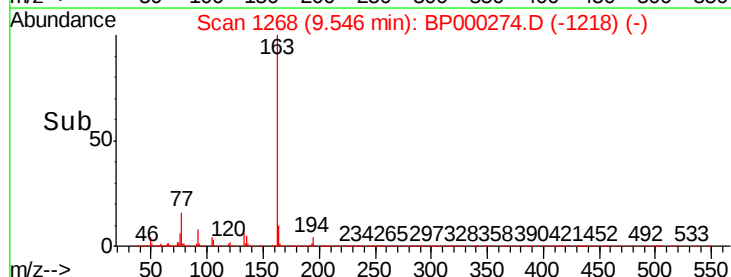
164 10.0 8.5 12.7

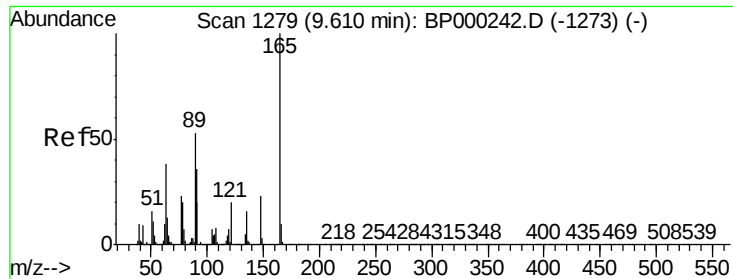


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

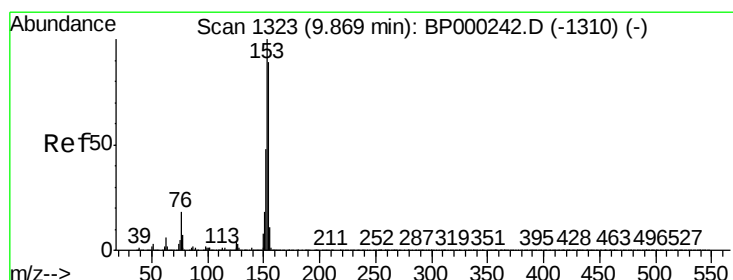
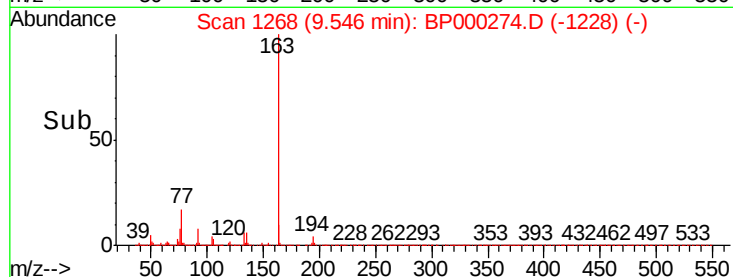
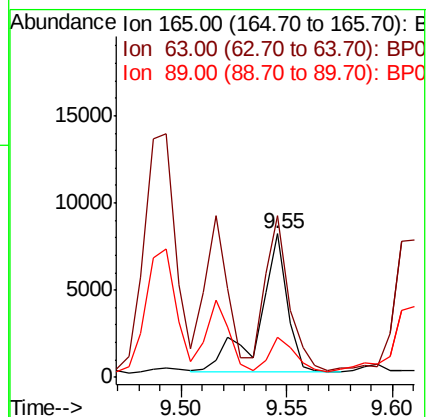
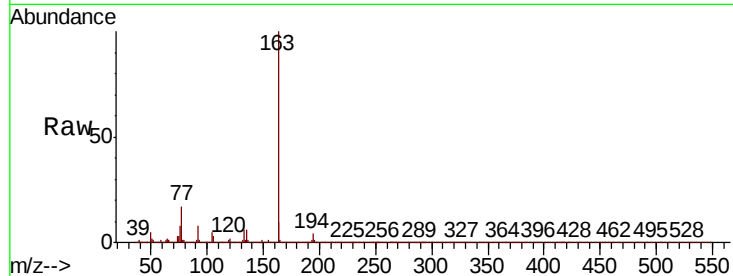




#51
 2,6-Dinitrotoluene
 Concen: 0.767 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.06 min
 Lab File: BP000274.D
 Acq: 17 Sep 2019 15:48

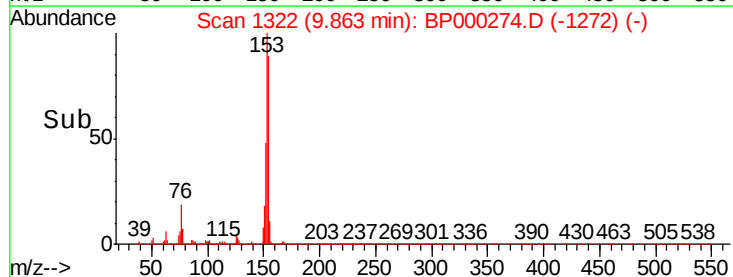
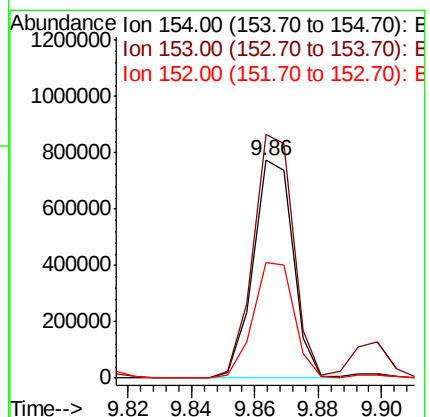
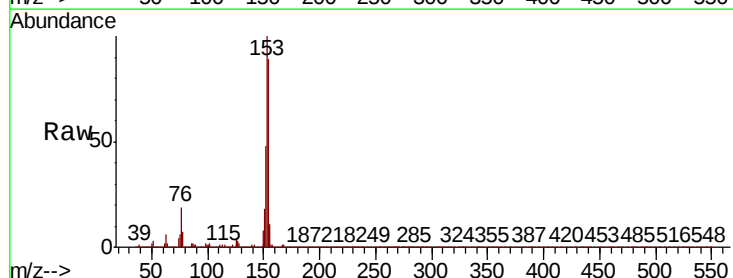
Instrument :
 BNA_P
 ClientSampleId :

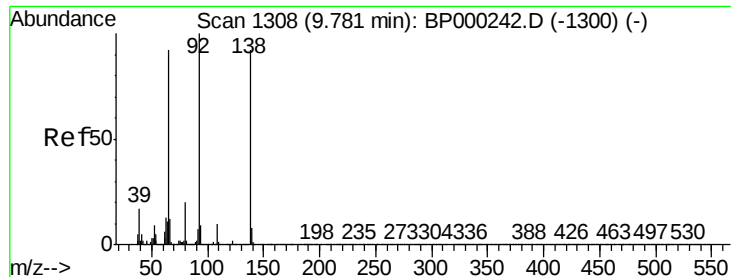
Tot Ion:165 Resp: 7453
 Ion Ratio Lower Upper
 165 100
 63 112.2 35.8 53.8#
 89 28.4 42.6 63.8#



#52
 Acenaphthene
 Concen: 18.867 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BP000274.D
 Acq: 17 Sep 2019 15:48

Tgt Ion:154 Resp: 673681
 Ion Ratio Lower Upper
 154 100
 153 111.8 89.8 134.6
 152 53.2 43.4 65.0

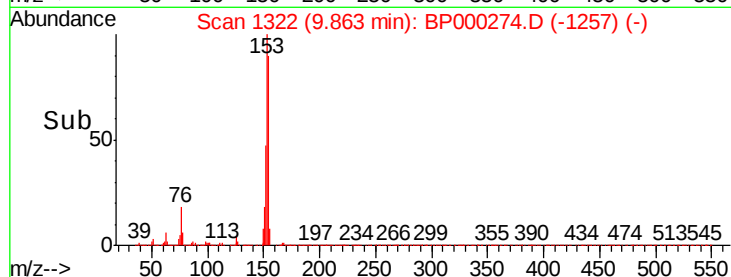
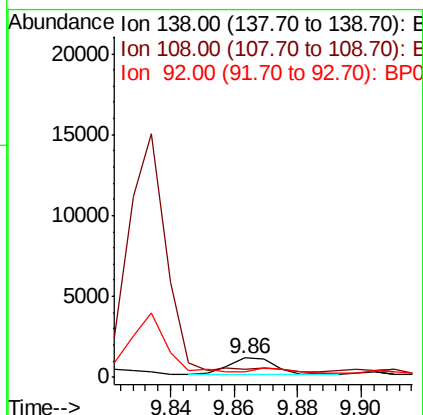
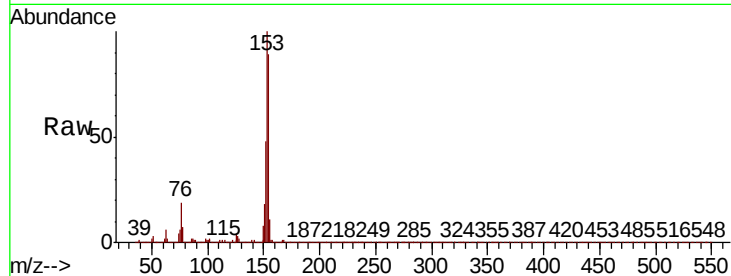




#53
3-Nitroaniline
Concen: 0.096 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.08 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

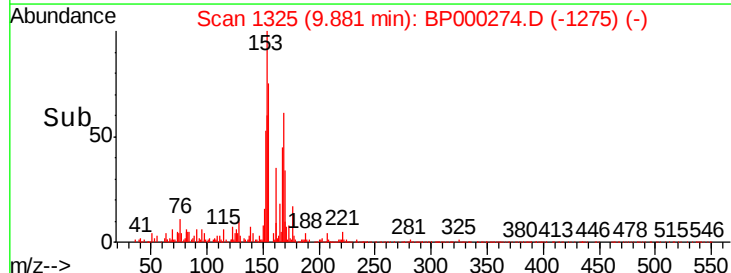
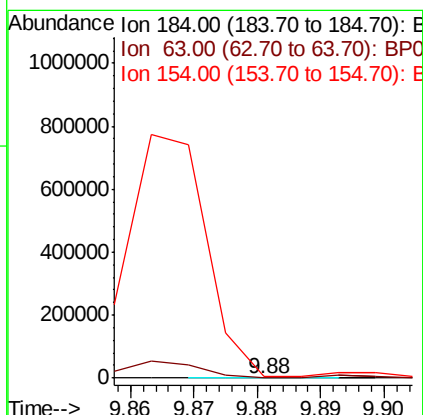
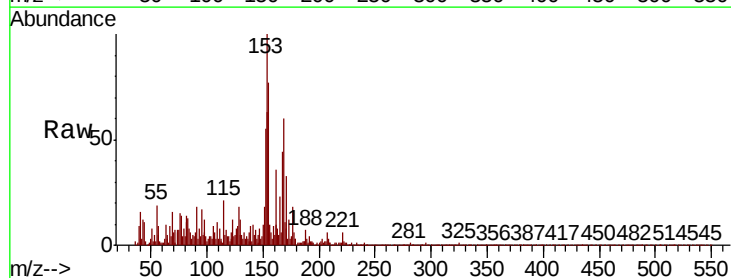
Instrument :
BNA_P
ClientSampleId :

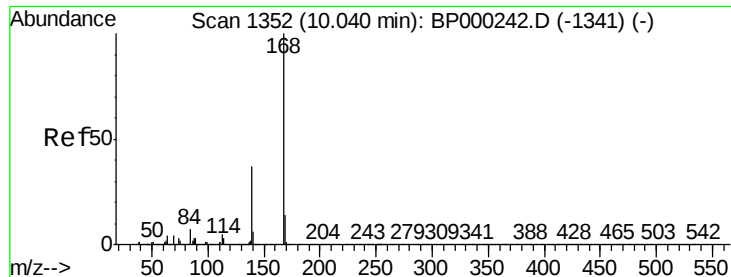
Tot Ion:138 Resp: 1084
Ion Ratio Lower Upper
138 100
108 41.9 9.1 13.7#
92 29.6 86.7 130.1#



#54
2,4-Dinitrophenol
Concen: 0.018 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:184 Resp: 79
Ion Ratio Lower Upper
184 100
63 940.5 39.5 59.3#
154 6070.2 48.8 73.2#

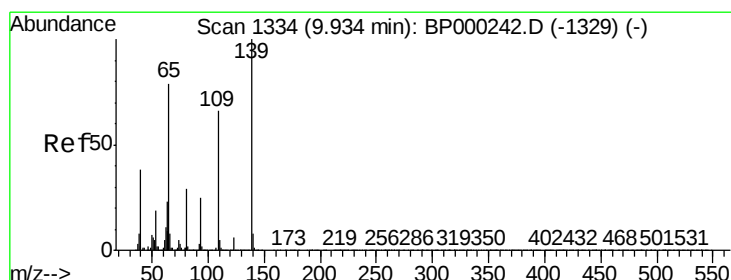
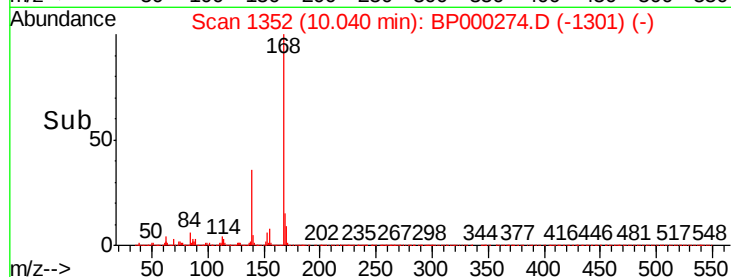
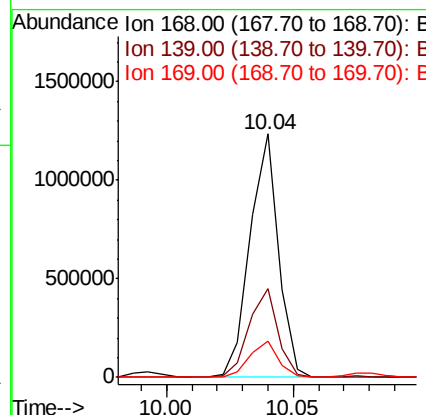
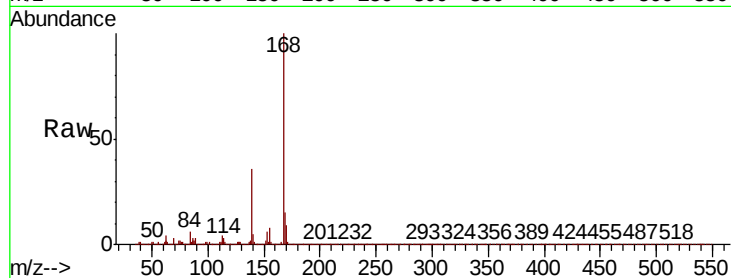




#55
Dibenzofuran
Concen: 19.101 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

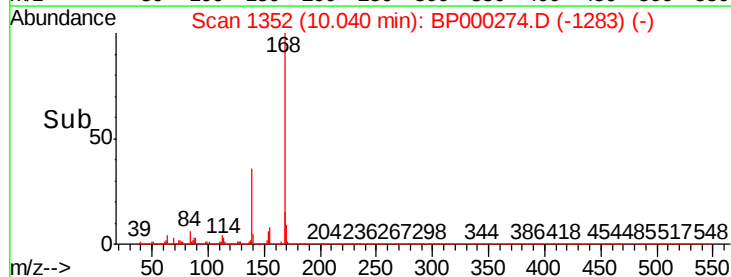
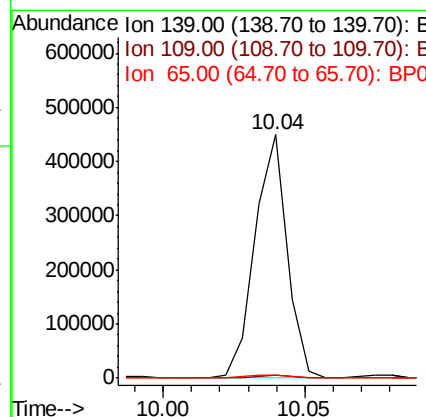
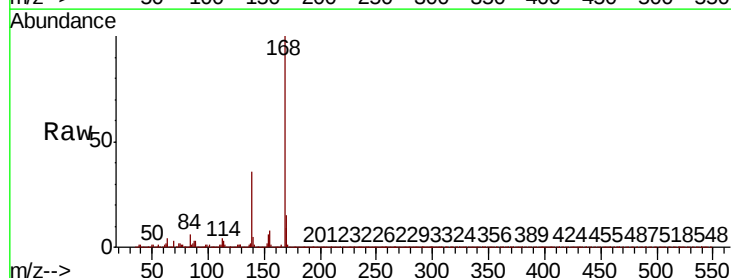
Instrument :
BNA_P
ClientSampleId :

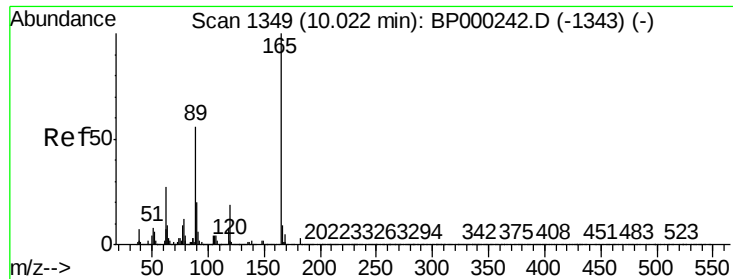
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.0	45.0
169	14.7	11.0	16.6



#56
4-Nitrophenol
Concen: 42.390 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.11 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	1.0	46.2	86.2#
65	1.4	59.4	99.4#





#57

2,4-Dinitrotoluene

Concen: 0.369 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.02 min

Lab File: BP000274.D

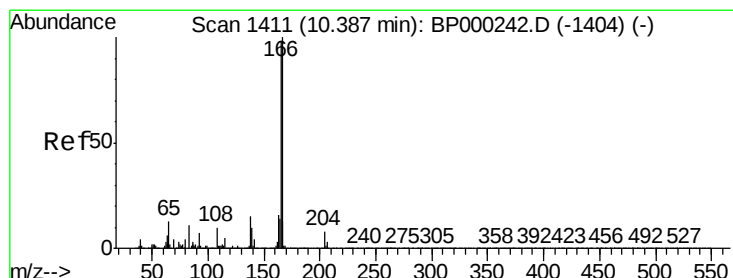
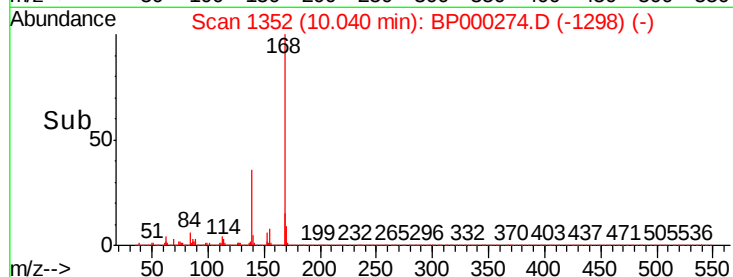
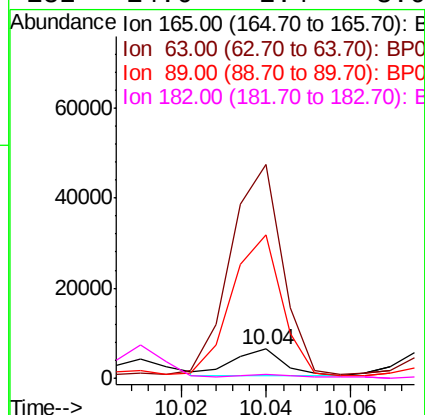
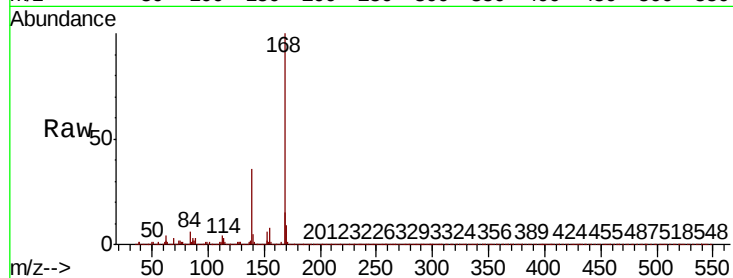
Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165	Resp:	4684
Ion Ratio	Lower	Upper
165	100	
63	734.0	21.7 32.5#
89	493.6	45.0 67.6#
182	14.6	2.4 3.6#



#58

Fluorene

Concen: 19.447 ng

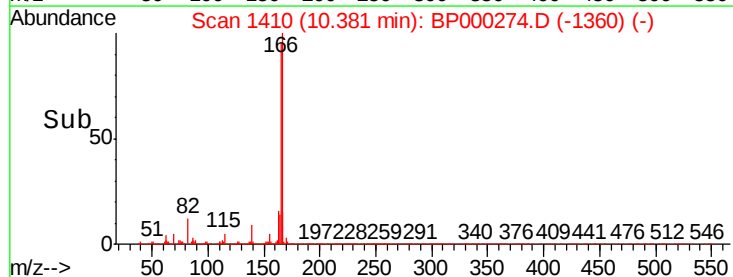
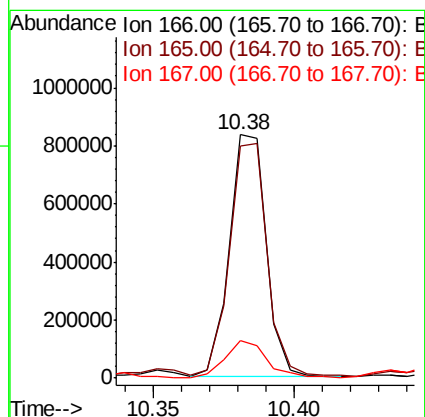
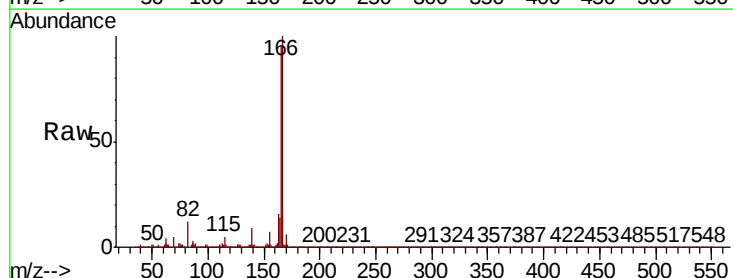
RT: 10.38 min Scan# 1410

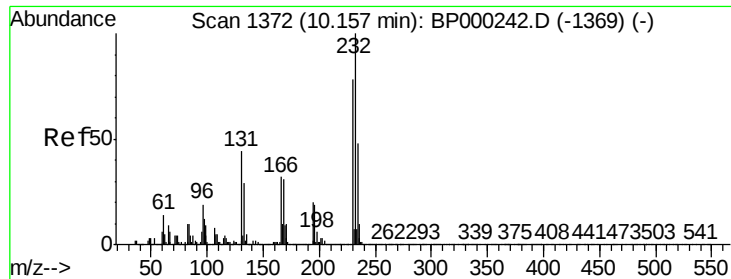
Delta R.T. -0.01 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Tgt Ion:166	Resp:	758218
Ion Ratio	Lower	Upper
166	100	
165	95.4	78.2 117.2
167	15.2	10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 0.004 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

Tot Ion:232 Resp: 48

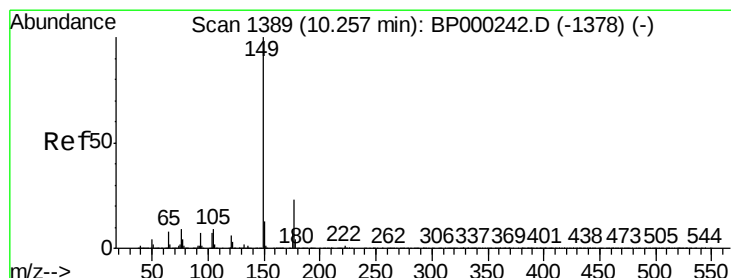
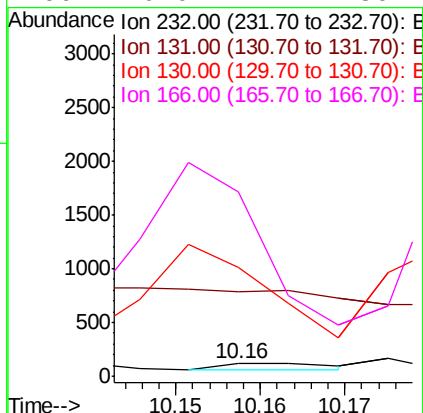
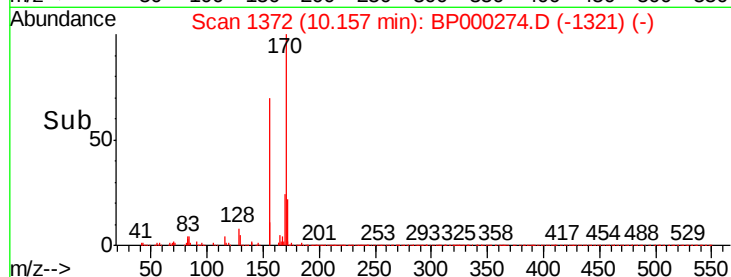
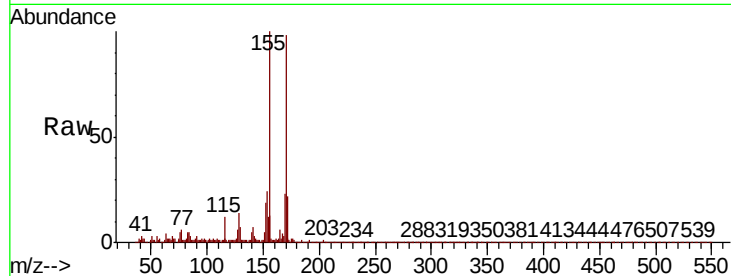
Ion Ratio Lower Upper

232 100

131 1989.6 33.6 50.4#

130 1927.1 1.8 2.6#

166 0.0 24.2 36.2#



#60

Diethylphthalate

Concen: 0.045 ng

RT: 10.25 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

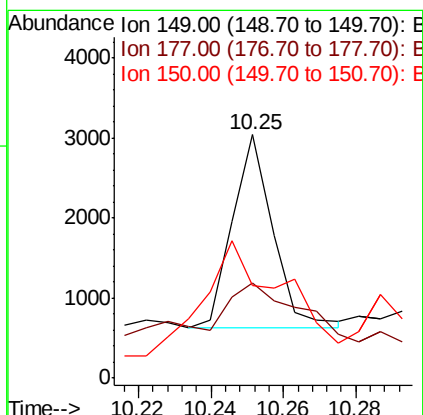
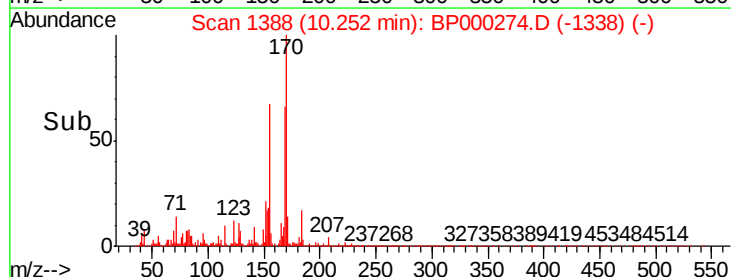
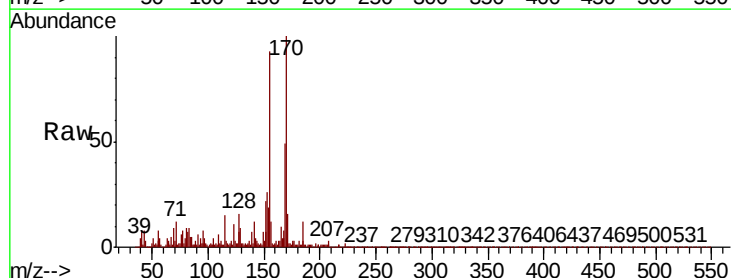
Tgt Ion:149 Resp: 1896

Ion Ratio Lower Upper

149 100

177 39.2 18.1 27.1#

150 38.0 10.3 15.5#

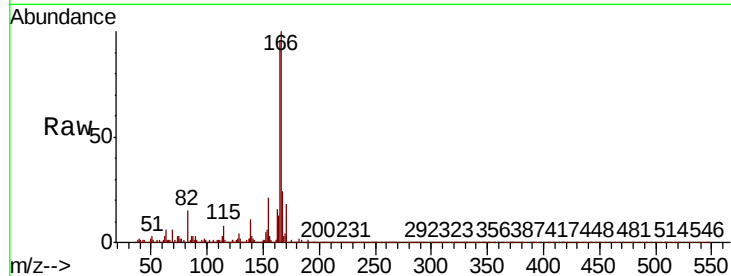




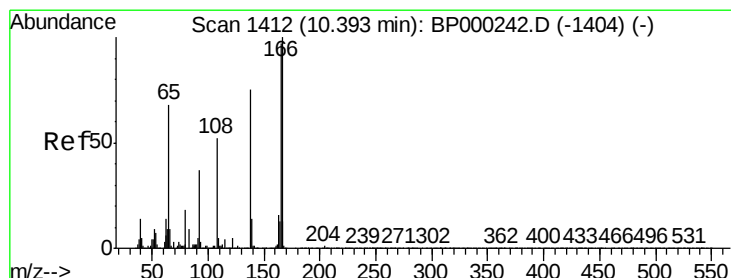
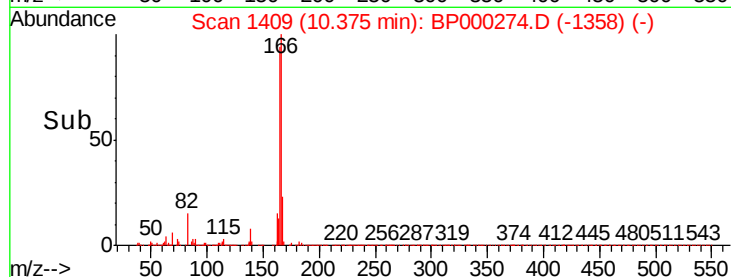
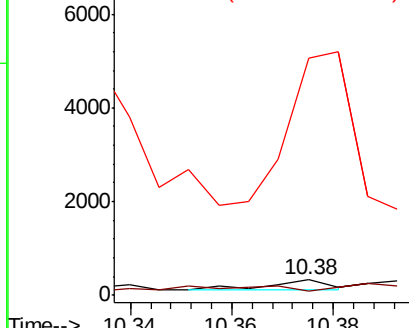
#61
4-Chlorophenyl-phenylether
Concen: 0.007 ng
RT: 10.38 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Instrument :
BNA_P
ClientSampleId :

Tot Ion:204 Resp: 141
Ion Ratio Lower Upper
204 100
206 29.5 26.3 39.5
141 1553.2 48.6 72.8#

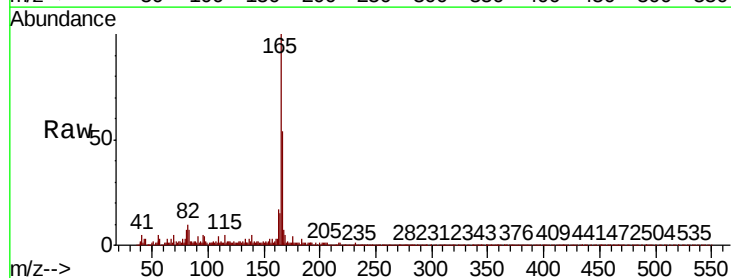


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

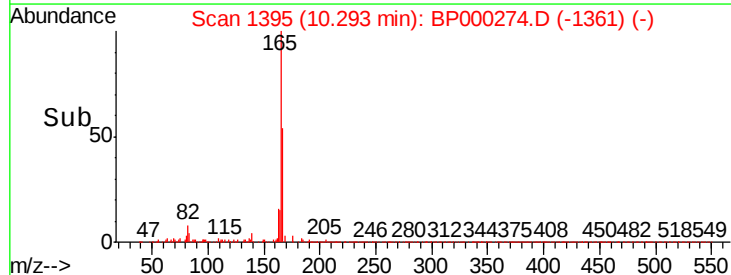
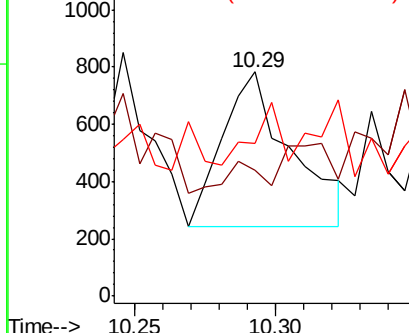


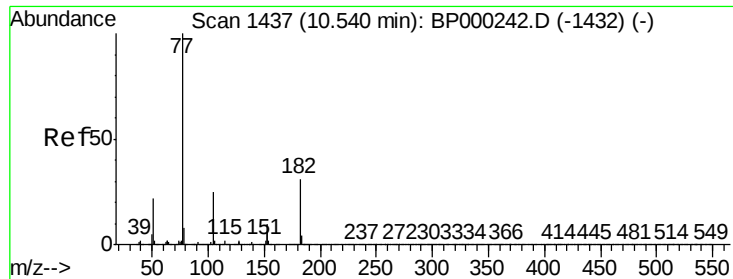
#62
4-Nitroaniline
Concen: 0.082 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.10 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:138 Resp: 914
Ion Ratio Lower Upper
138 100
92 56.3 30.1 70.1
108 67.9 49.5 89.5



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

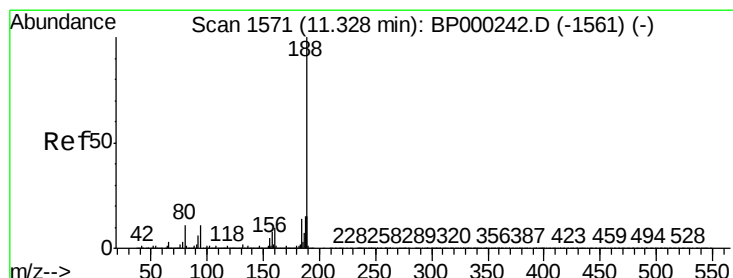
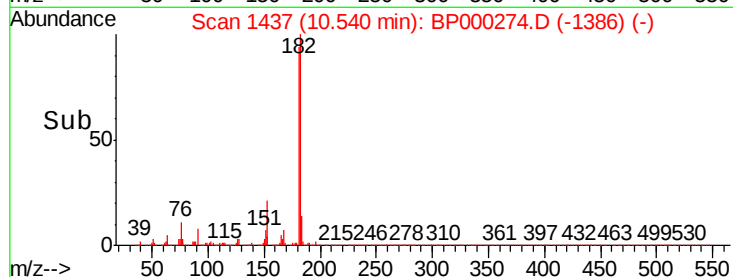
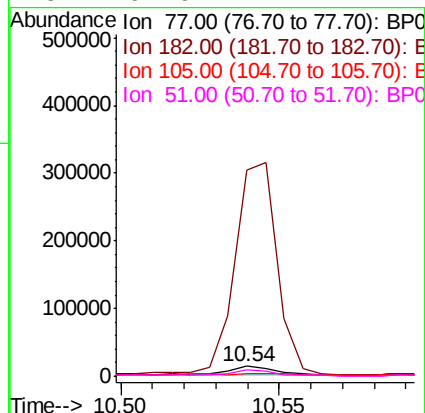
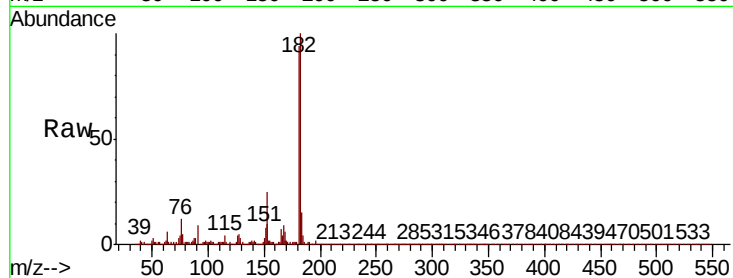




#63
Azobenzene
Concen: 0.361 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

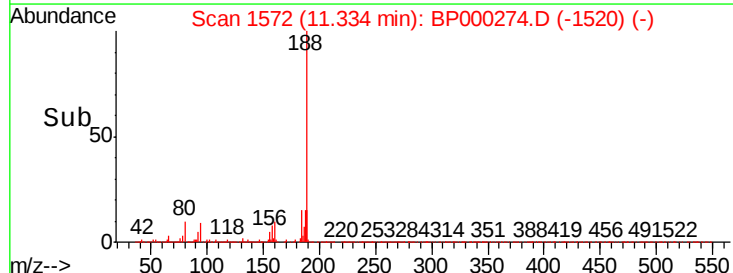
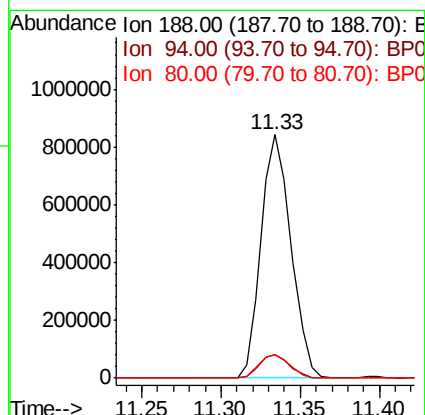
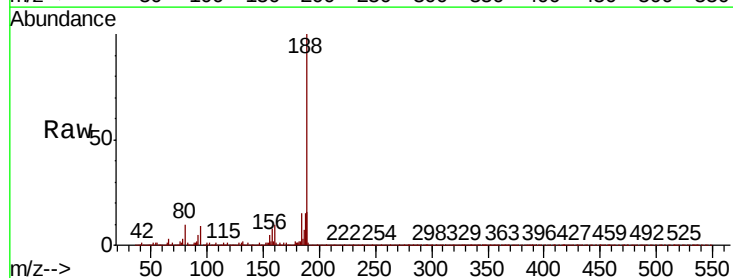
Instrument :
BNA_P
ClientSampleId :

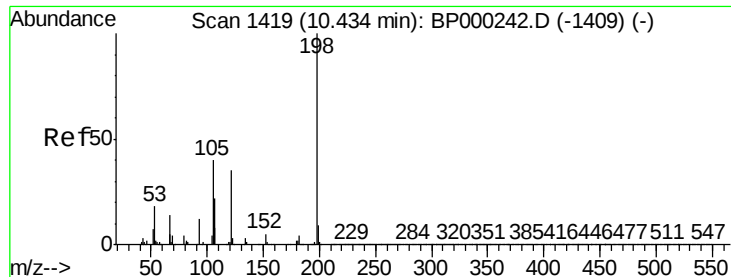
Tot Ion: 77 Resp: 13009
Ion Ratio Lower Upper
77 100
182 2108.8 11.1 51.1#
105 25.0 4.7 44.7
51 67.6 2.2 42.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion: 188 Resp: 1107984
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.7 8.6 13.0

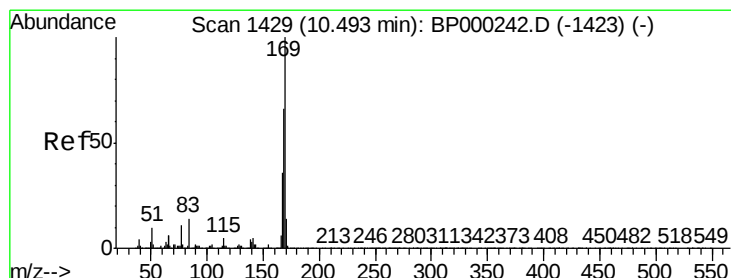
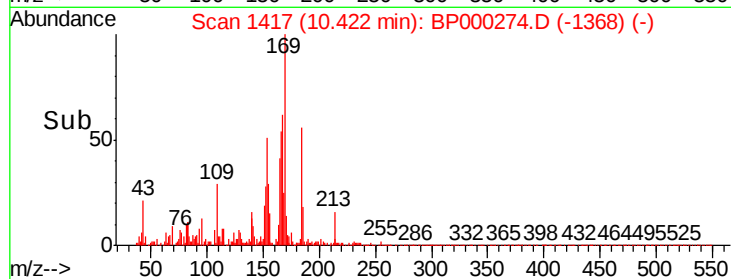
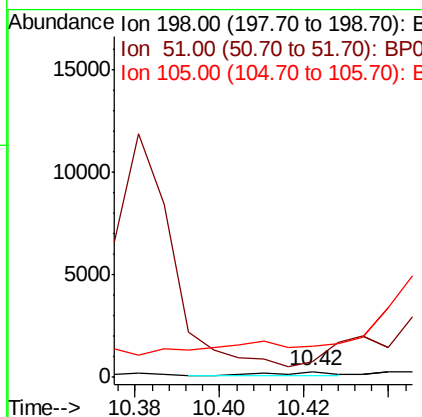
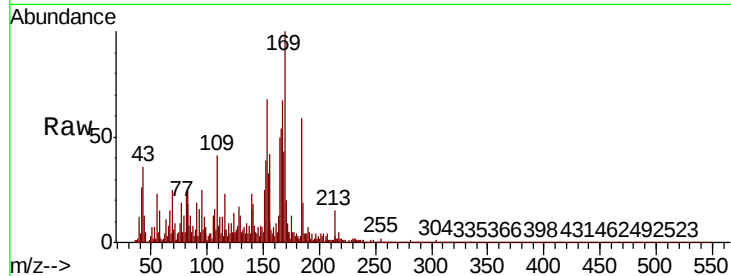




#65
4,6-Dinitro-2-methylphenol
Concen: 0.040 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

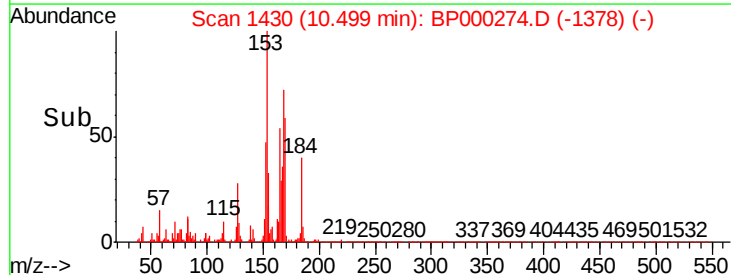
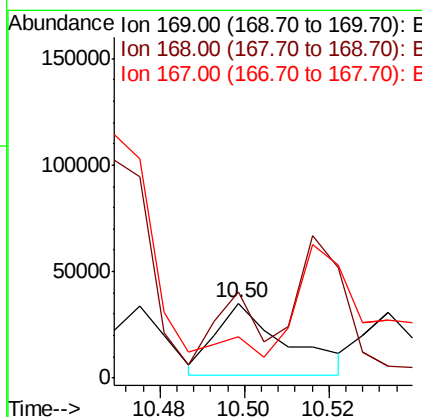
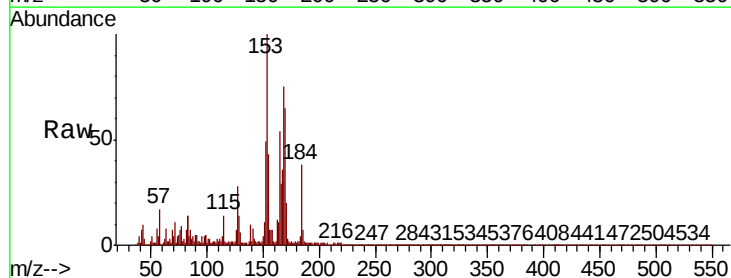
Instrument :
BNA_P
ClientSampleId :

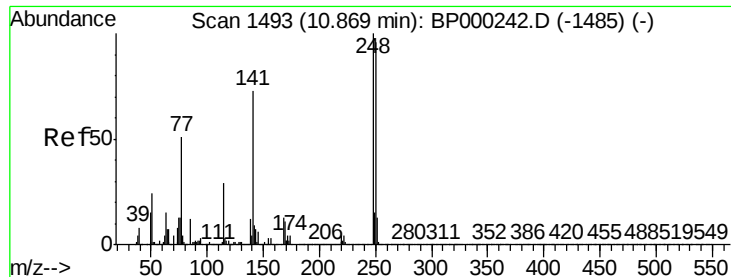
Tot Ion:198 Resp: 208
Ion Ratio Lower Upper
198 100
51 281.2 7.4 47.4#
105 544.3 20.2 60.2#



#66
n-Nitrosodiphenylamine
Concen: 1.154 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:169 Resp: 38507
Ion Ratio Lower Upper
169 100
168 115.0 52.9 79.3#
167 55.5 29.0 43.6#

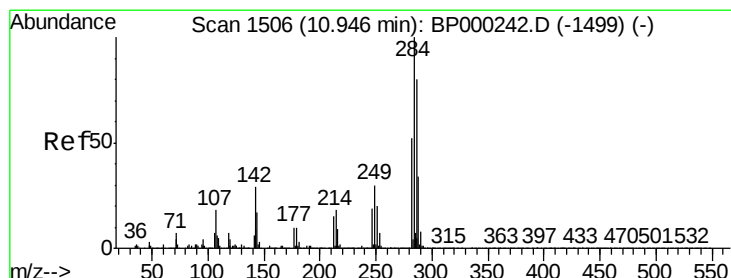
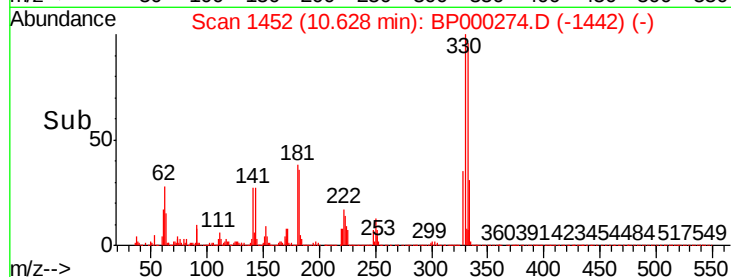
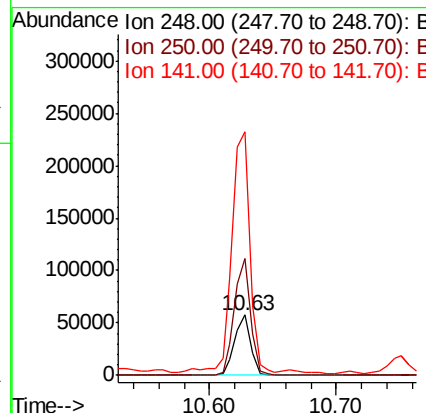
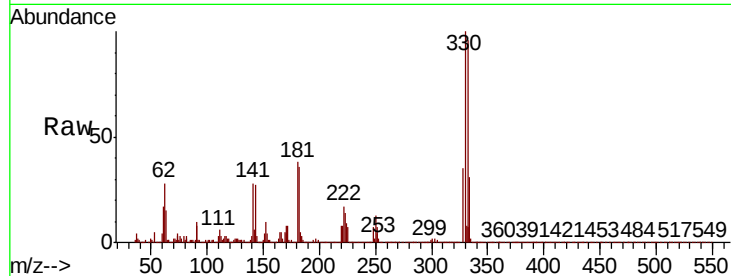




#67
4-Bromophenyl-phenylether
Concen: 4.002 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

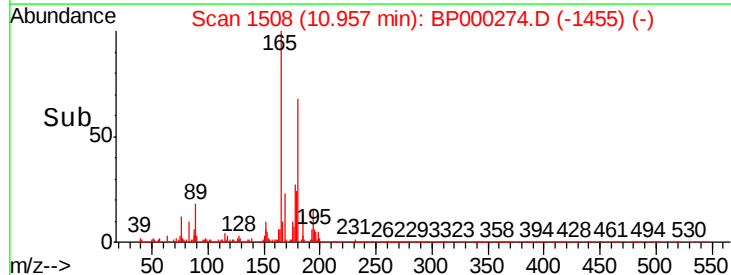
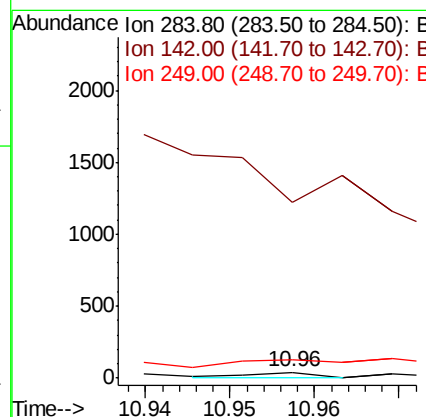
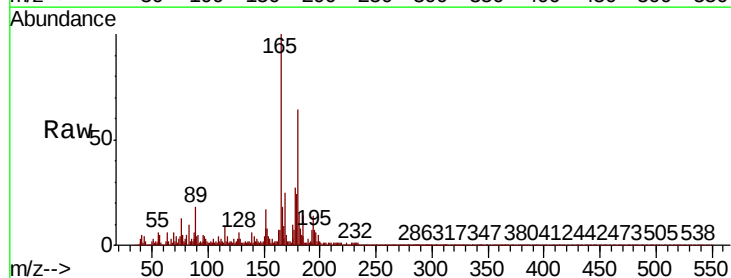
Instrument :
BNA_P
ClientSampleId :

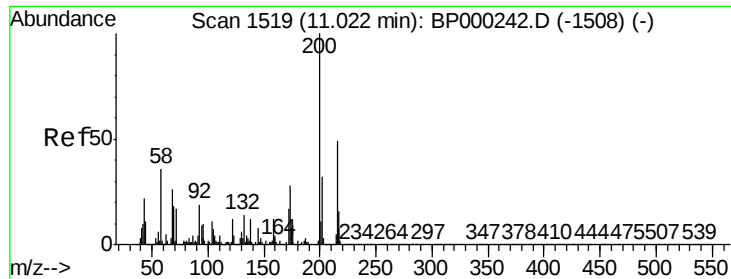
Tot Ion:248 Resp: 50142
Ion Ratio Lower Upper
248 100
250 195.1 77.0 115.4#
141 405.0 58.5 87.7#



#68
Hexachlorobenzene
Concen: 0.002 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:284 Resp: 23
Ion Ratio Lower Upper
284 100
142 2902.4 23.6 35.4#
249 311.9 24.3 36.5#

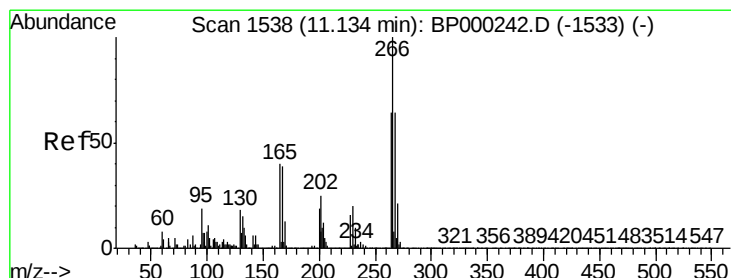
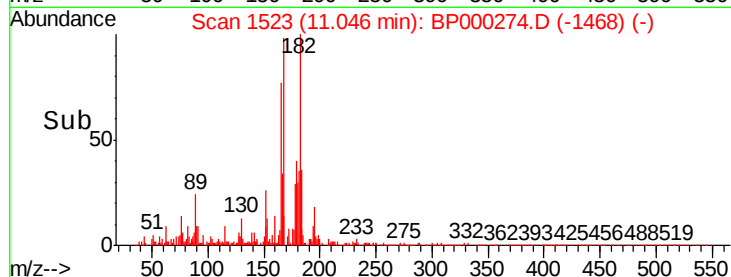
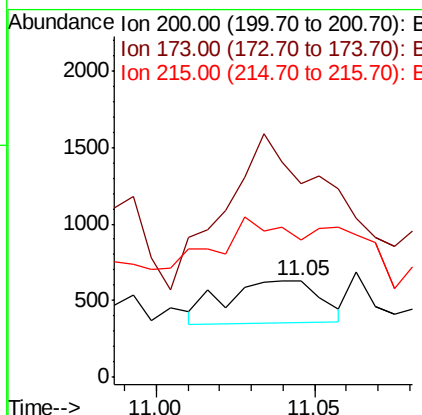
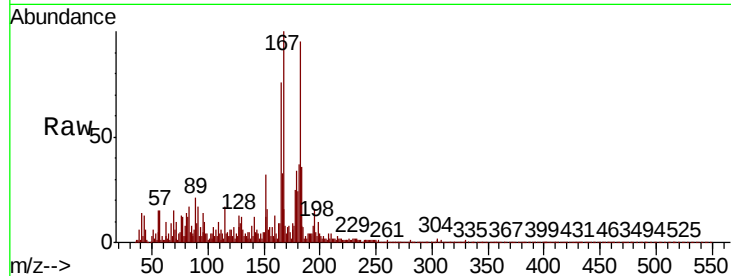




#69
Atrazine
Concen: Below Cal
RT: 11.05 min Scan# 1523
Delta R.T. 0.02 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

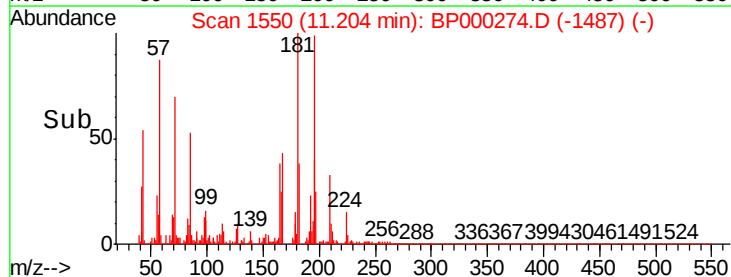
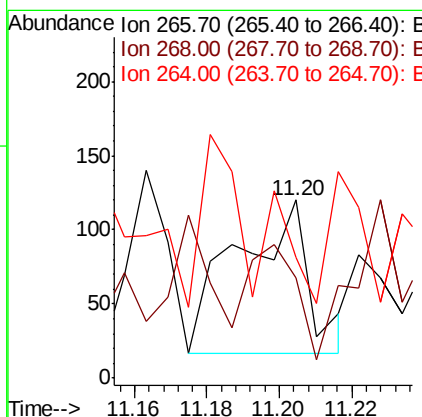
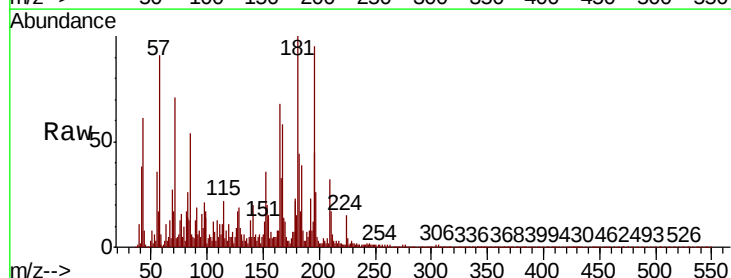
Instrument :
BNA_P
ClientSampleId :

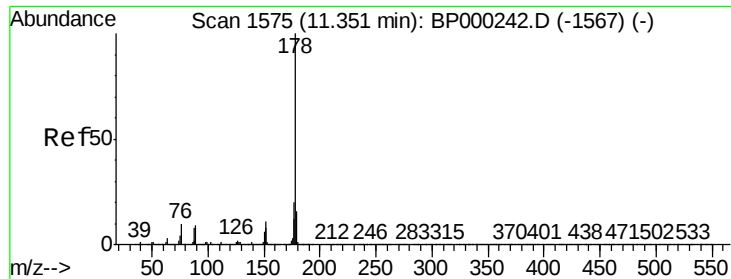
Tot Ion:200 Resp: 569
Ion Ratio Lower Upper
200 100
173 200.3 7.6 47.6#
215 141.9 28.6 68.6#



#70
Pentachlorophenol
Concen: 0.019 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.07 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:266 Resp: 143
Ion Ratio Lower Upper
266 100
268 56.7 51.6 77.4
264 67.5 50.8 76.2

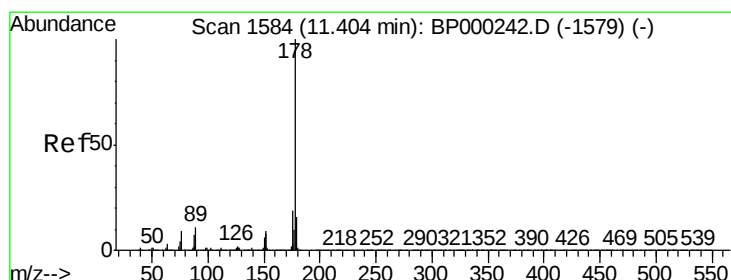
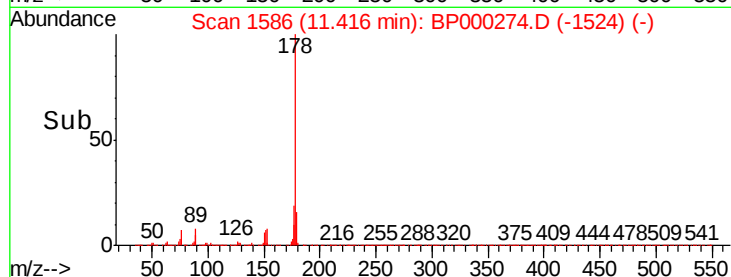
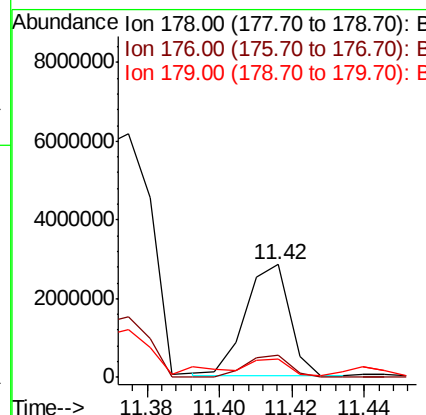
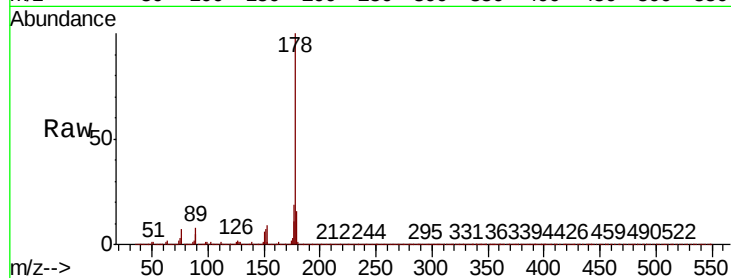




#71
Phenanthrene
Concen: 43.027 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.06 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

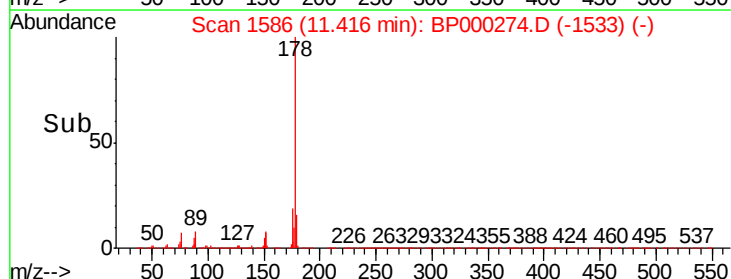
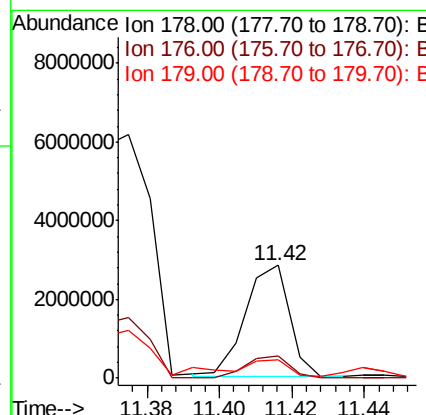
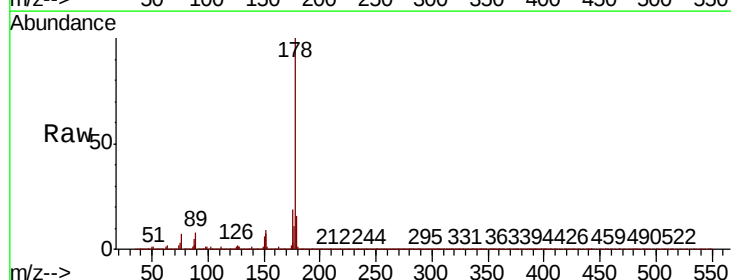
Instrument :
BNA_P
ClientSampleId :

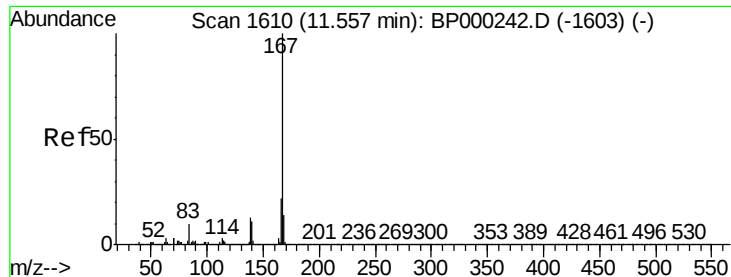
Tot Ion:178 Resp: 2389000
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 16.0 12.7 19.1



#72
Anthracene
Concen: 41.801 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:178 Resp: 2389000
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.0 12.7 19.1

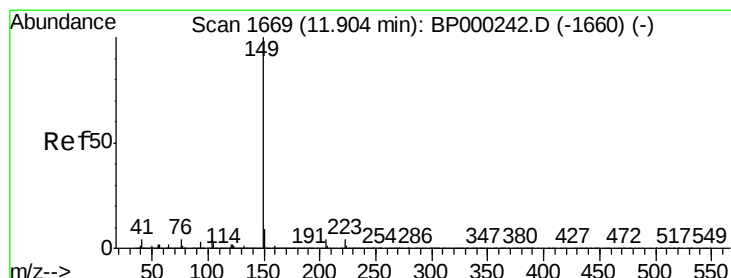
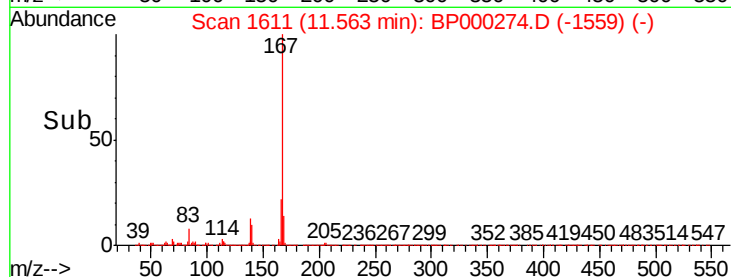
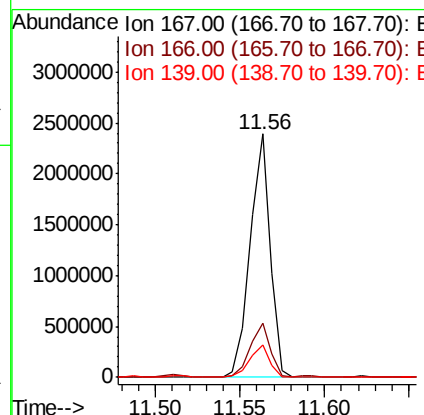
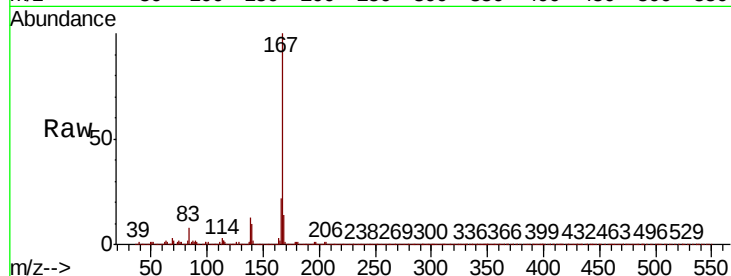




#73
 Carbazole
 Concen: 38.678 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BP000274.D
 Acq: 17 Sep 2019 15:48

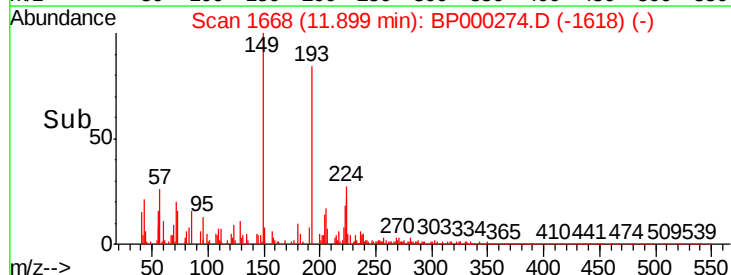
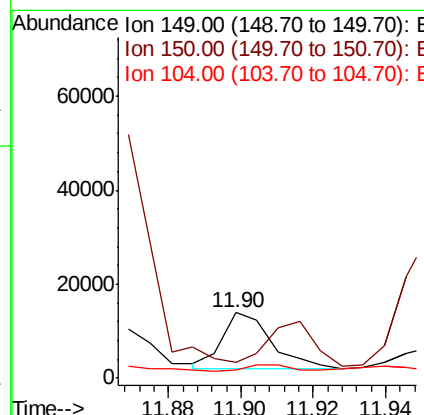
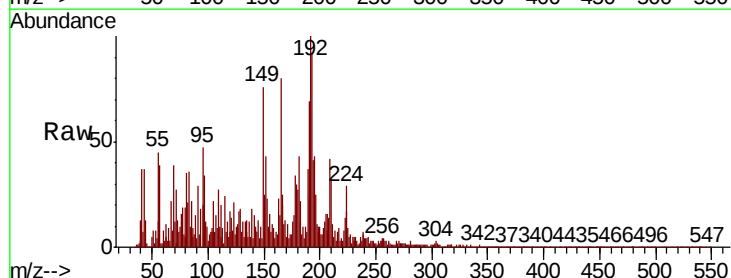
Instrument :
 BNA_P
 ClientSampleId :

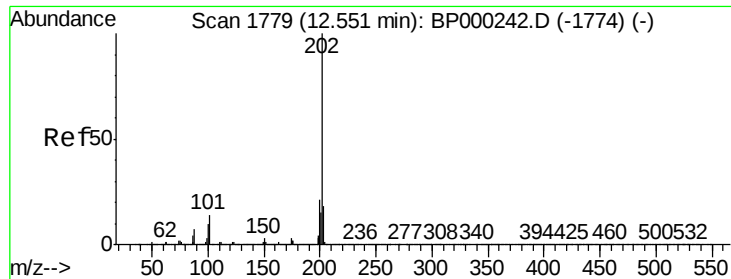
Tot Ion:167 Resp: 1990722
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 13.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 0.176 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000274.D
 Acq: 17 Sep 2019 15:48

Tgt Ion:149 Resp: 11453
 Ion Ratio Lower Upper
 149 100
 150 24.5 7.4 11.2#
 104 12.3 3.5 5.3#

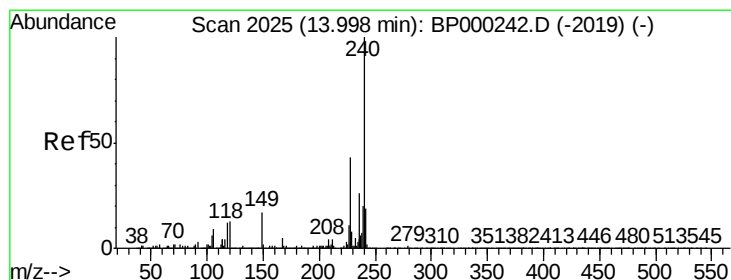
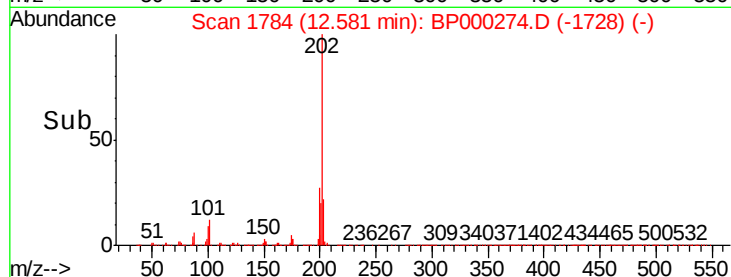
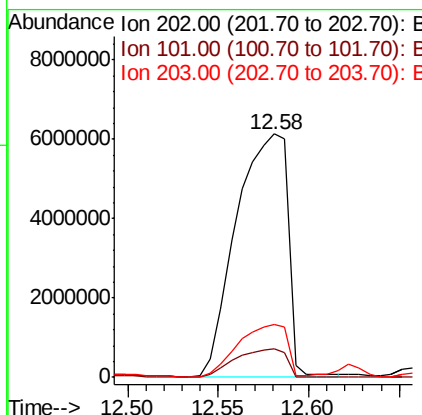
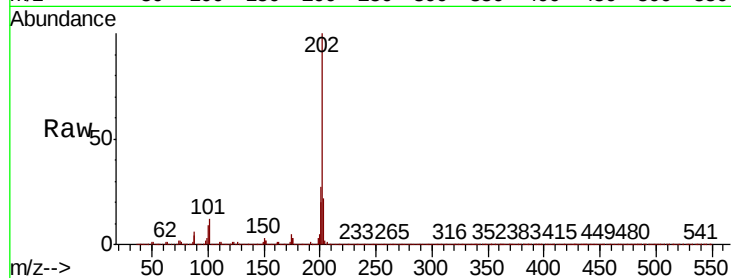




#75
 Fluoranthene
 Concen: 203.328 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. 0.03 min
 Lab File: BP000274.D
 Acq: 17 Sep 2019 15:48

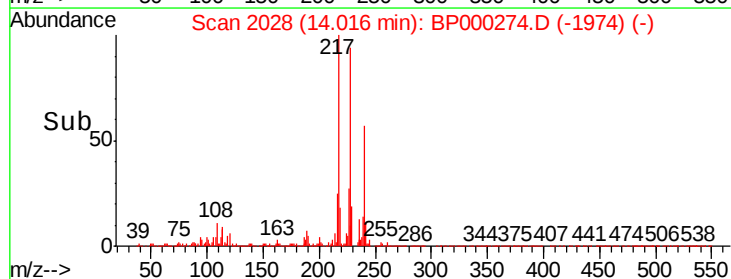
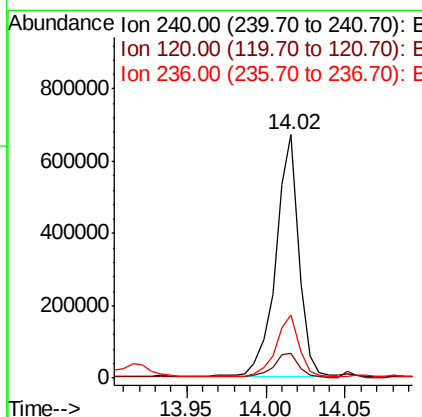
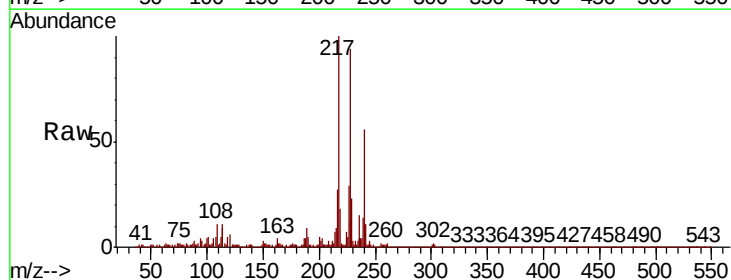
Instrument :
 BNA_P
 ClientSampleId :

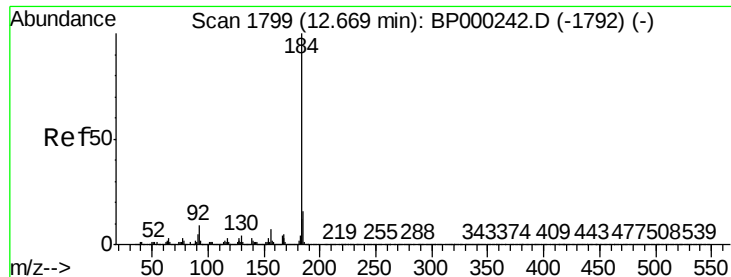
Tot Ion:202 Resp:12122592
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 33.9
 203 21.8 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.02 min
 Lab File: BP000274.D
 Acq: 17 Sep 2019 15:48

Tgt Ion:240 Resp: 680621
 Ion Ratio Lower Upper
 240 100
 120 10.1 10.4 15.6#
 236 25.8 21.0 31.6





#77

Benzidine

Concen: 0.145 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

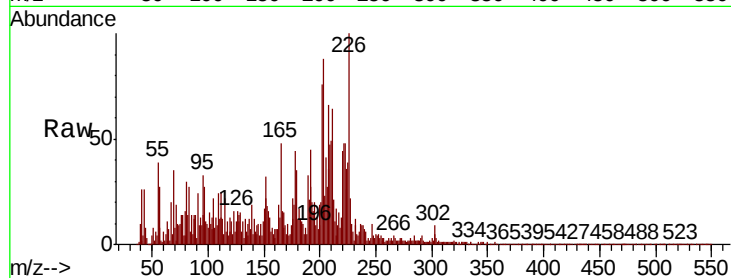
Tot Ion:184 Resp: 3535

Ion Ratio Lower Upper

184 100

185 87.2 12.7 19.1#

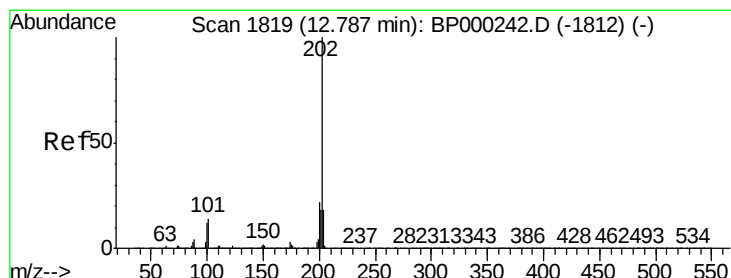
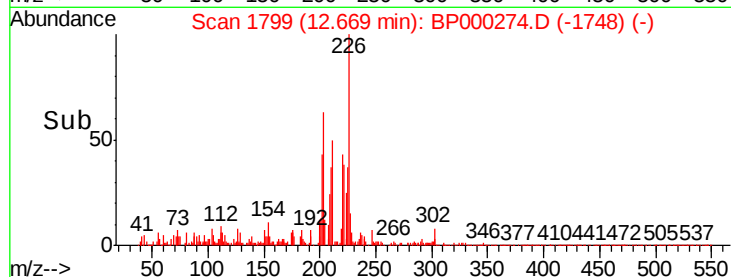
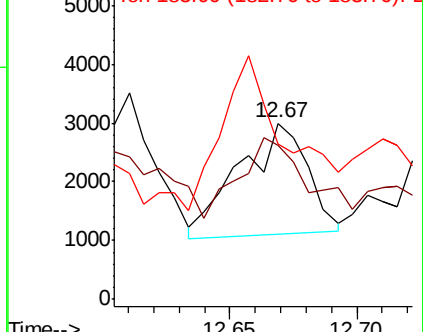
183 88.1 9.5 14.3#



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: 207.960 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.03 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

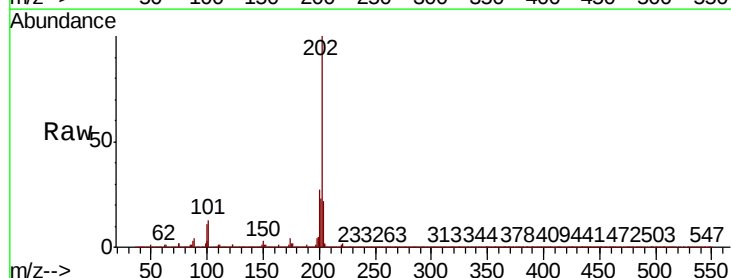
Tgt Ion:202 Resp:10589684

Ion Ratio Lower Upper

202 100

200 27.1 17.5 26.3#

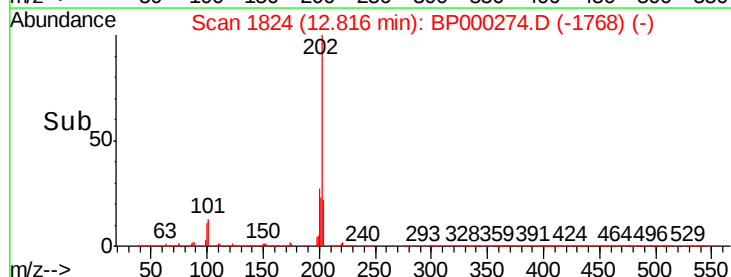
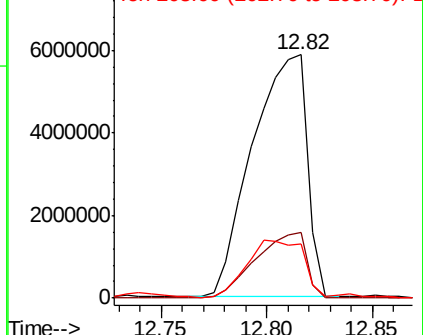
203 22.1 14.3 21.5#

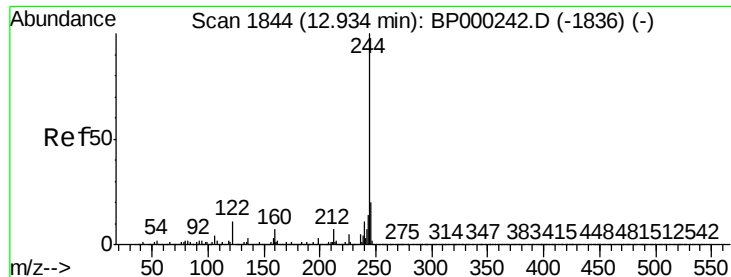


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.621 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

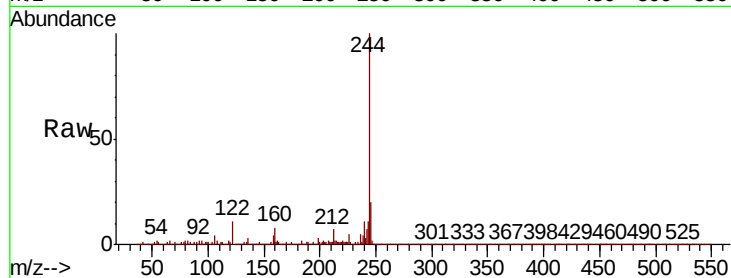
Tot Ion:244 Resp: 2680556

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

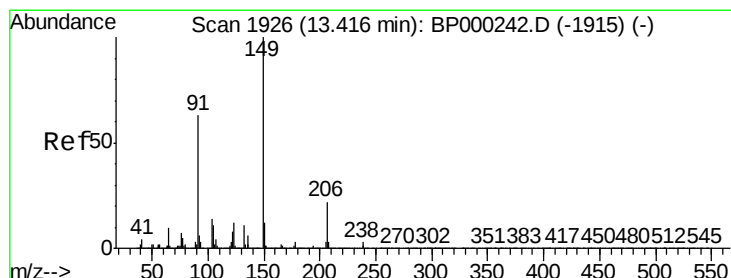
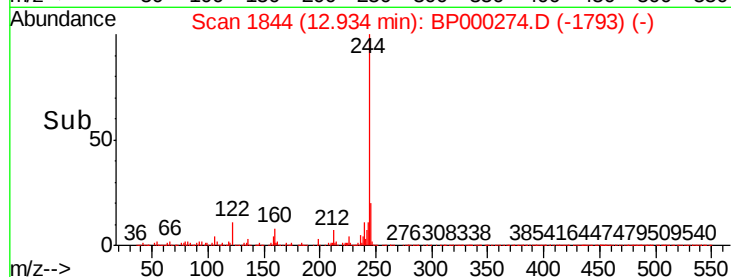
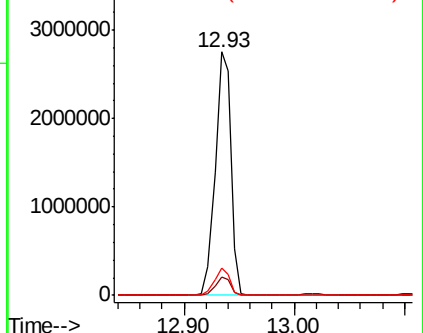
122 11.2 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.050 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

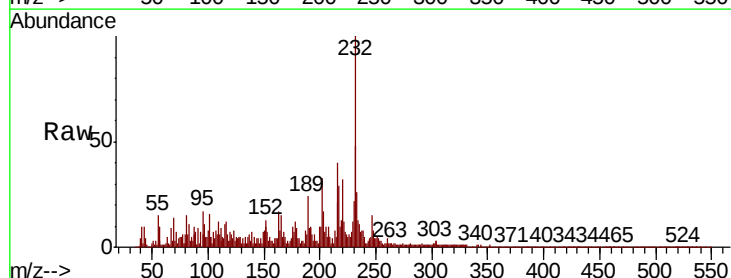
Tgt Ion:149 Resp: 1166

Ion Ratio Lower Upper

149 100

91 134.3 50.6 76.0#

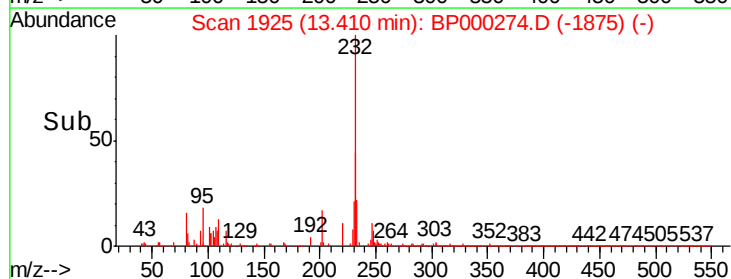
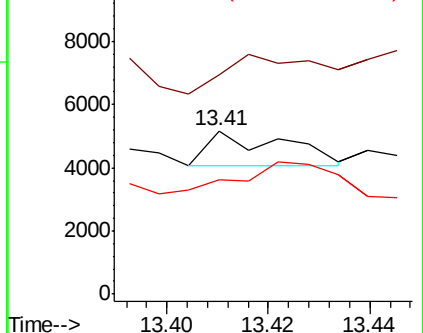
206 69.9 17.8 26.6#

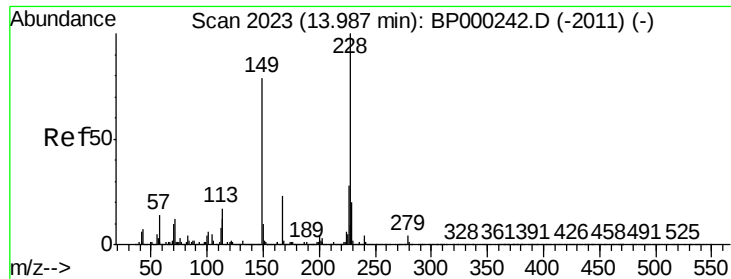


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 161.526 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.02 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampled :

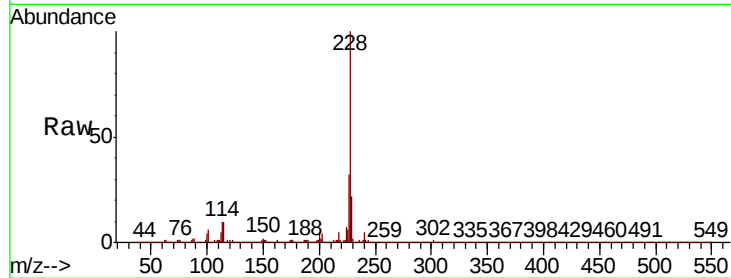
Tot Ion:228 Resp: 6944485

Ion Ratio Lower Upper

228 100

226 31.9 22.2 33.4

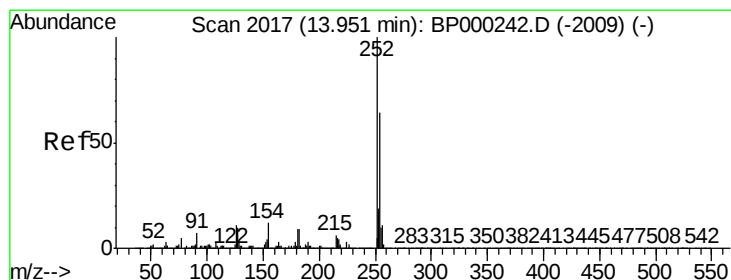
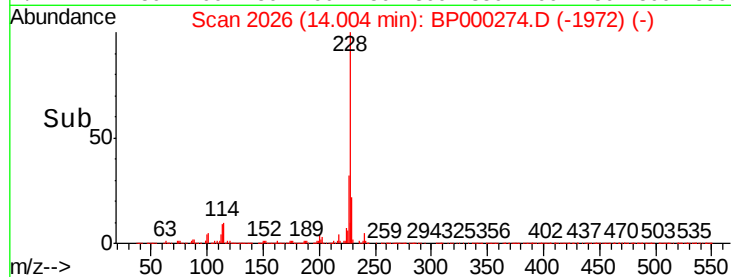
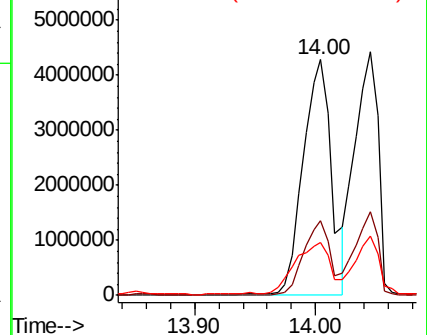
229 22.4 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 0.115 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.04 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

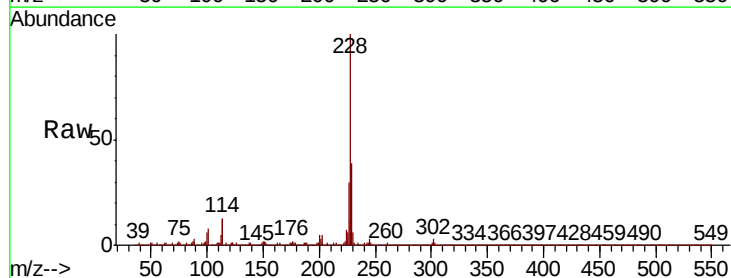
Tgt Ion:252 Resp: 1993

Ion Ratio Lower Upper

252 100

254 33.6 51.5 77.3#

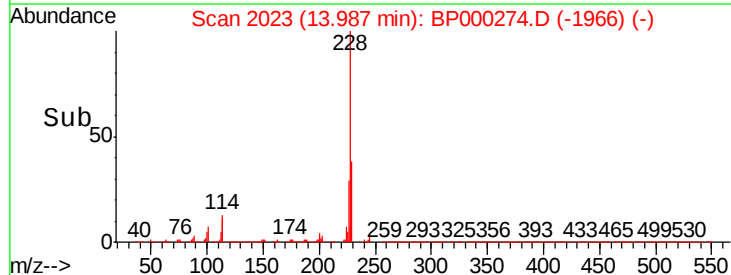
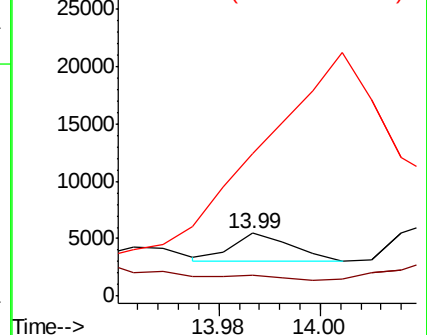
126 226.9 8.4 12.6#

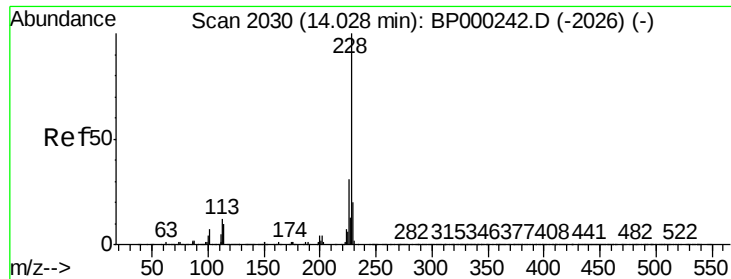


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 138.150 ng

RT: 14.05 min Scan# 2033

Delta R.T. 0.02 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampled :

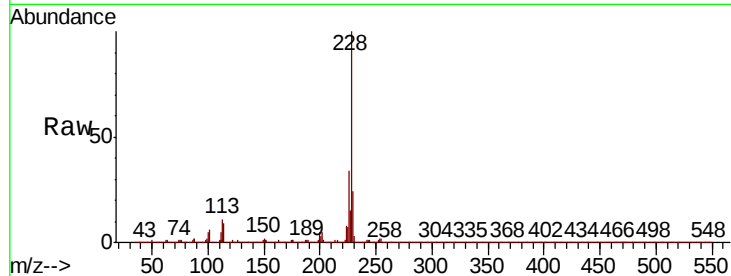
Tot Ion:228 Resp: 5831737

Ion Ratio Lower Upper

228 100

226 34.3 24.9 37.3

229 24.1 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

6000000 Ion 226.00 (225.70 to 226.70): E

5000000 Ion 229.00 (228.70 to 229.70): E

4000000

3000000

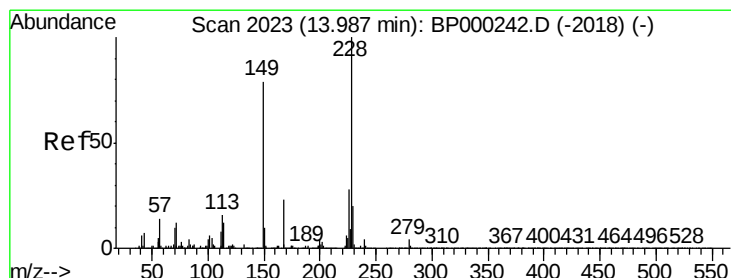
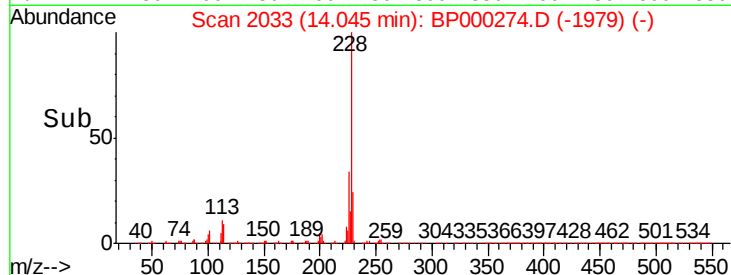
2000000

1000000

0

14.00 14.05 14.10

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.562 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.14 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

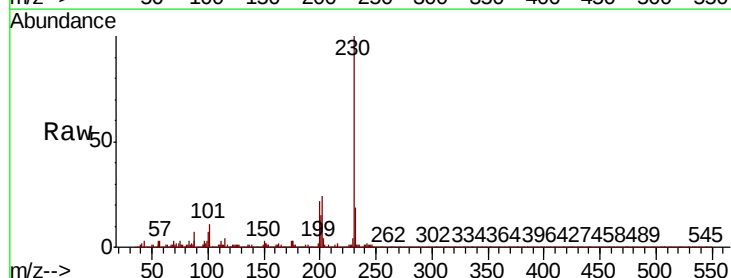
Tgt Ion:149 Resp: 15776

Ion Ratio Lower Upper

149 100

167 26.9 23.0 34.4

279 4.1 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

30000 Ion 167.00 (166.70 to 167.70): E

25000 Ion 279.00 (278.70 to 279.70): E

20000

15000

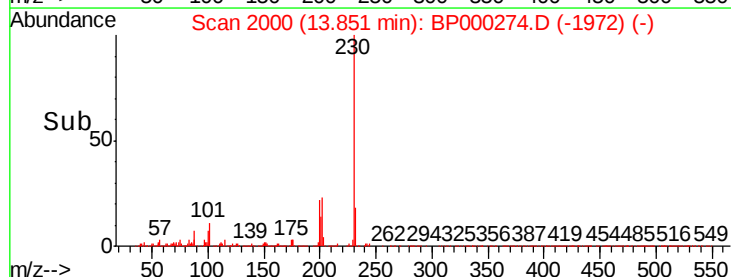
10000

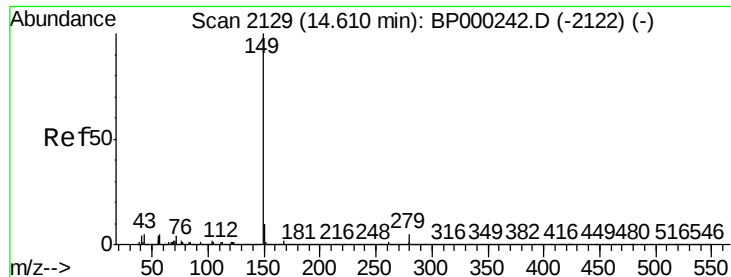
5000

0

13.85

Time-->





#85

Di-n-octyl phthalate

Concen: 0.204 ng

RT: 14.65 min Scan# 2135

Delta R.T. 0.04 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampled :

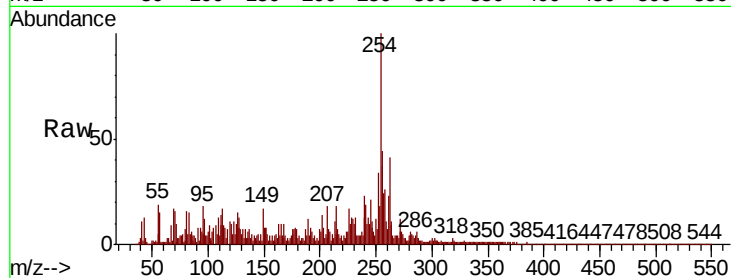
Tot Ion:149 Resp: 10623

Ion Ratio Lower Upper

149 100

167 44.0 1.4 2.0#

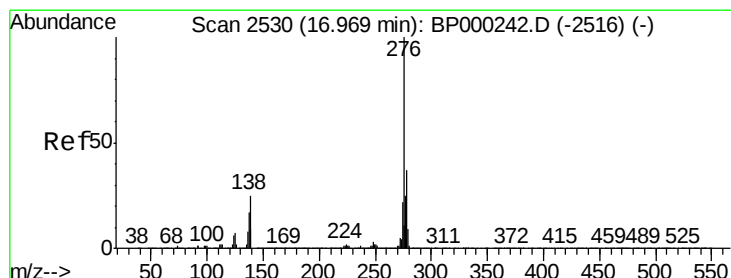
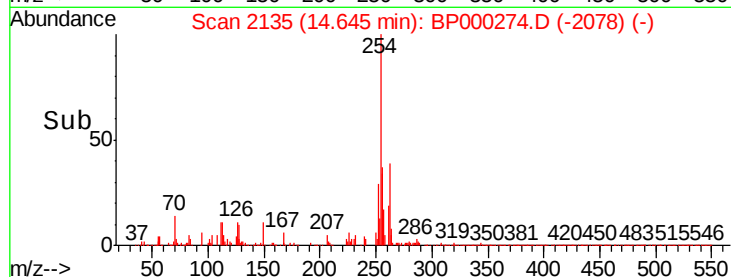
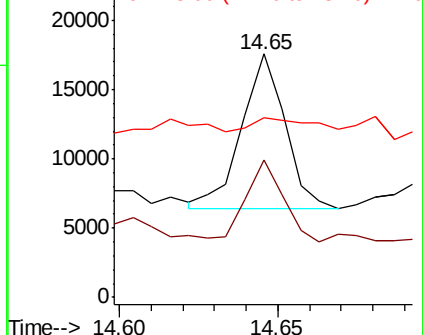
43 7.6 5.0 7.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 11.937 ng

RT: 16.82 min Scan# 2505

Delta R.T. -0.15 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

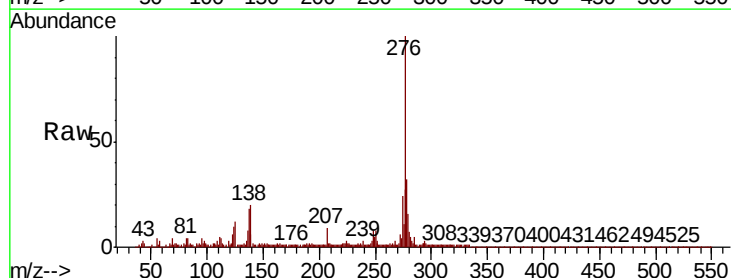
Tgt Ion:276 Resp: 614218

Ion Ratio Lower Upper

276 100

138 23.8 22.6 33.8

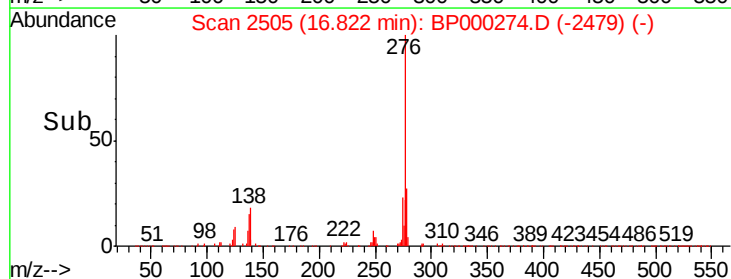
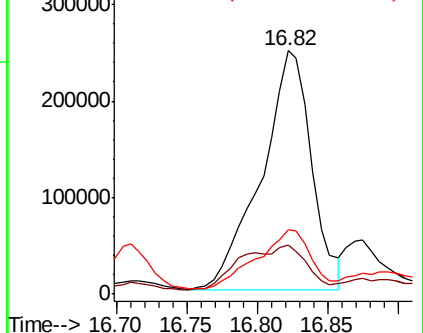
277 26.4 20.4 30.6

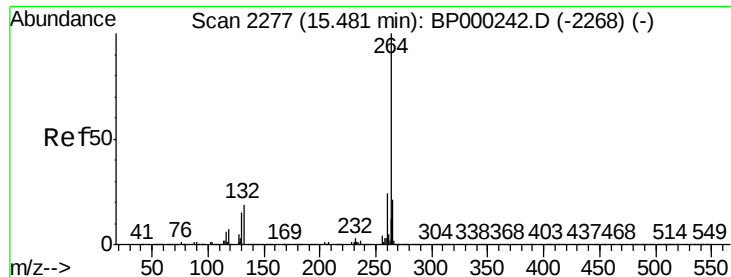


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

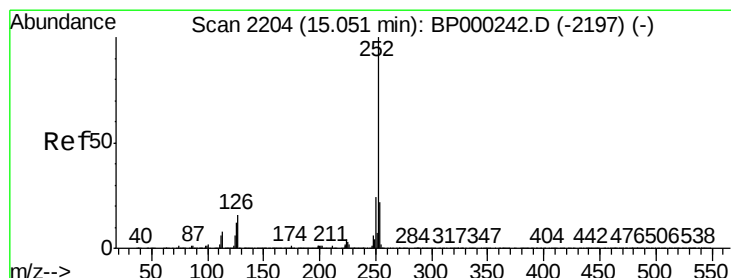
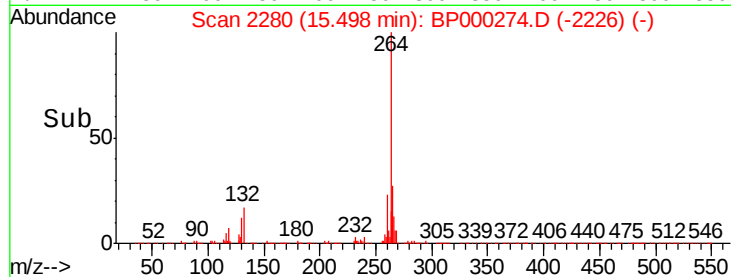
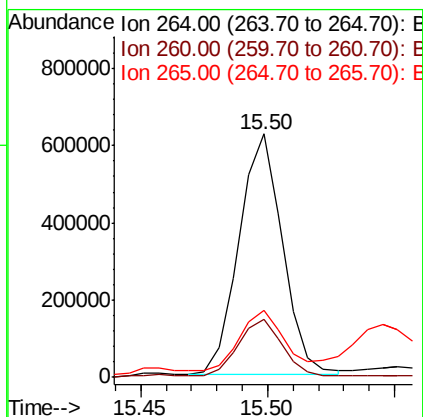
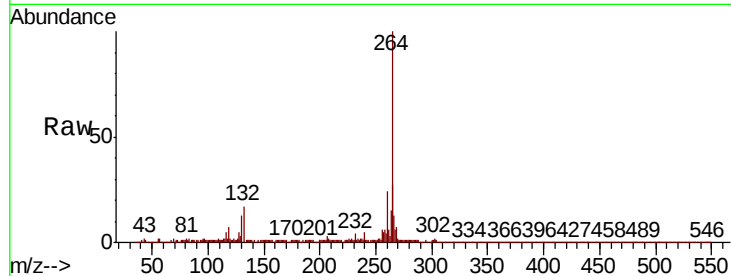




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

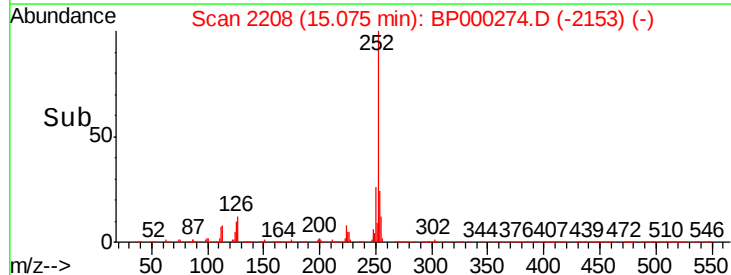
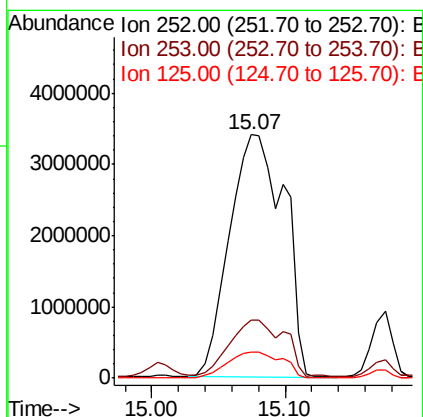
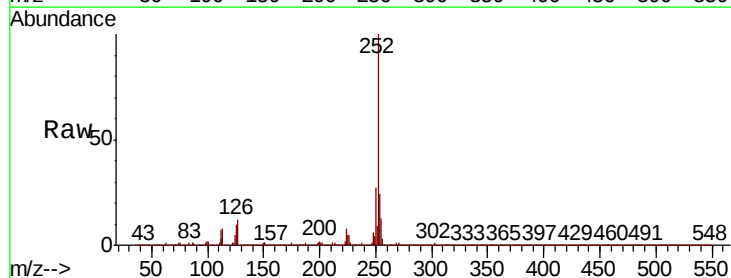
Instrument :
BNA_P
ClientSampleId :

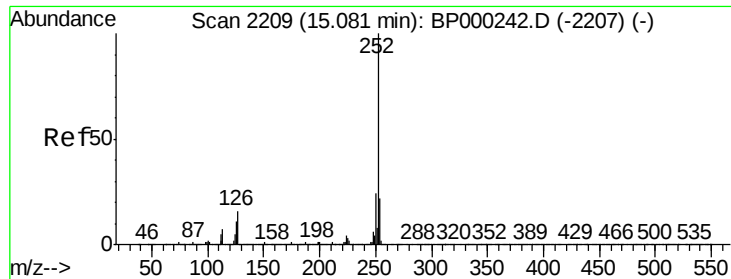
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	27.4	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 217.549 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.02 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.8	26.6
125	10.5	9.5	14.3

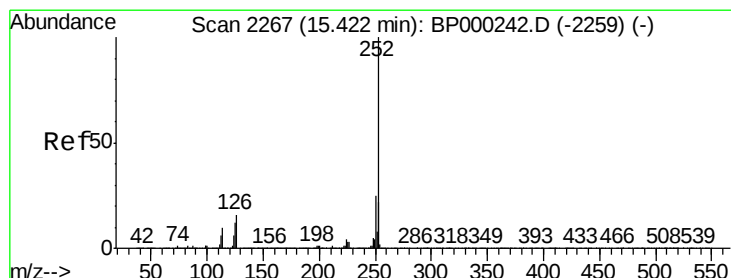
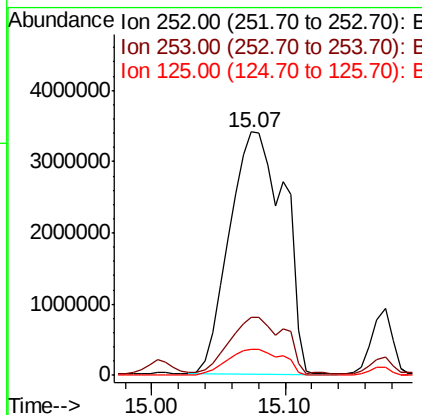
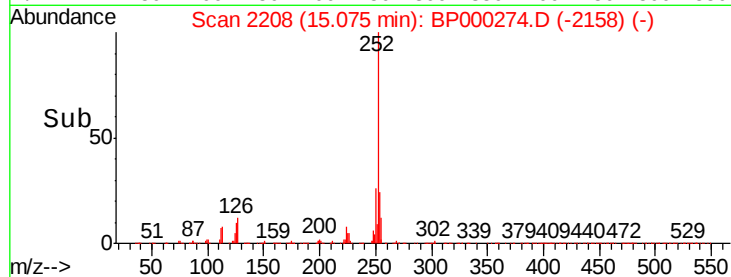
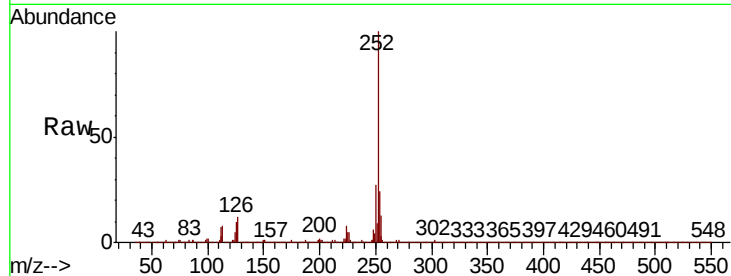




#89
Benzo(k)fluoranthene
Concen: 249.399 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

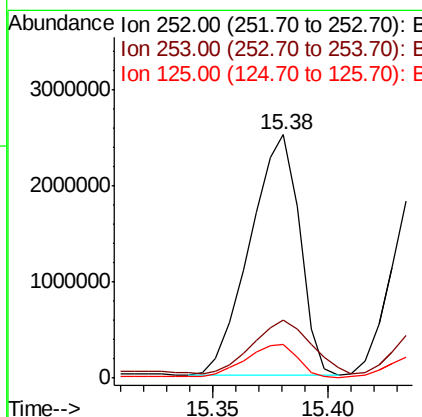
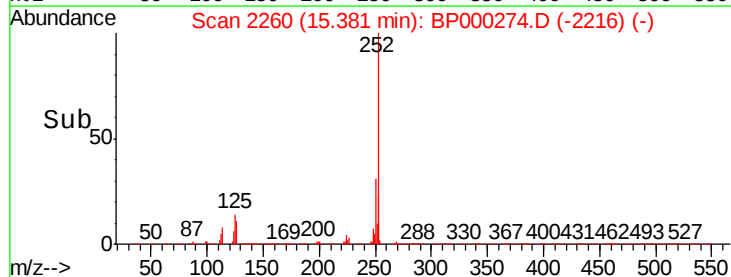
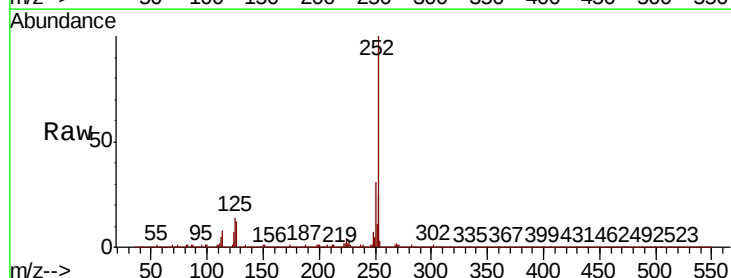
Instrument :
BNA_P
ClientSampled :

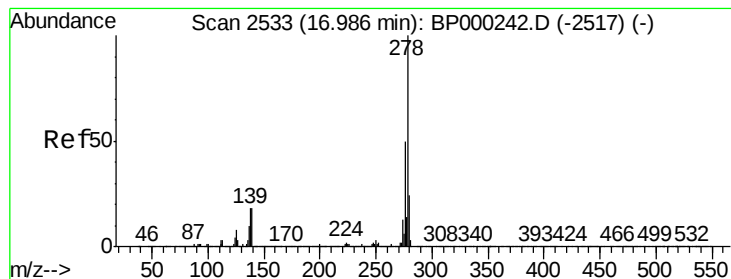
Tot Ion:252 Resp: 9747139
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 10.5 9.6 14.4



#90
Benzo(a)pyrene
Concen: 92.140 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BP000274.D
Acq: 17 Sep 2019 15:48

Tgt Ion:252 Resp: 3756370
Ion Ratio Lower Upper
252 100
253 23.8 17.7 26.5
125 13.7 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 21.935 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.02 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

Instrument :

BNA_P

ClientSampleId :

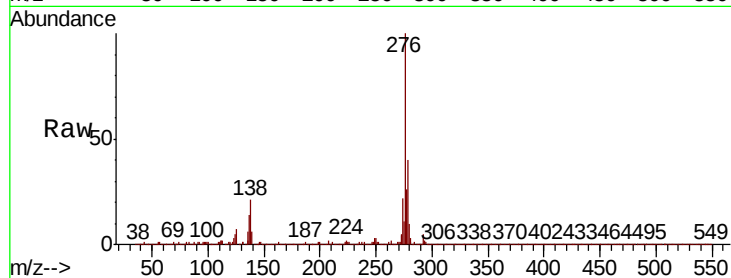
Tot Ion:278 Resp: 833746

Ion Ratio Lower Upper

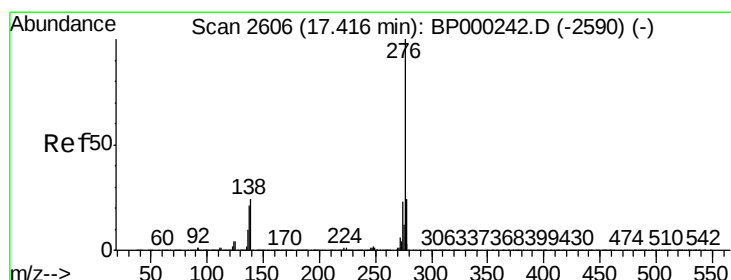
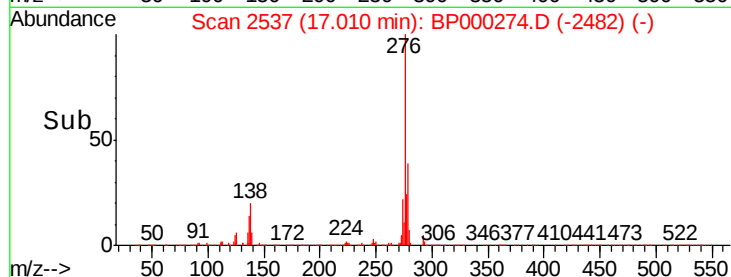
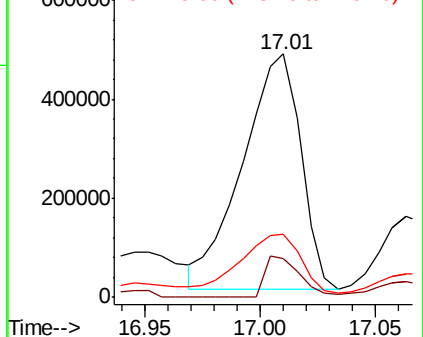
278 100

139 16.1 14.5 21.7

279 26.0 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: 73.854 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.04 min

Lab File: BP000274.D

Acq: 17 Sep 2019 15:48

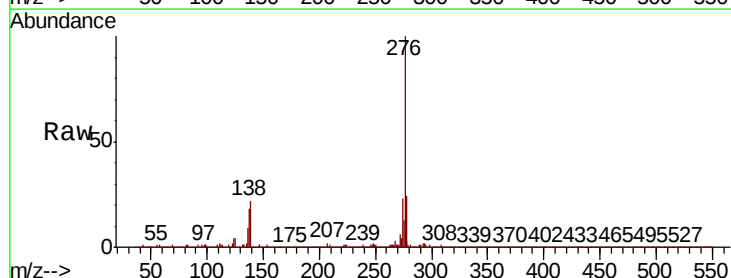
Tgt Ion:276 Resp: 2885438

Ion Ratio Lower Upper

276 100

277 24.4 19.1 28.7

138 21.6 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

