

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
 Data File : BP000282.D
 Acq On : 17 Sep 2019 19:02
 Operator : HP/JU
 Sample : K4877-09 25X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 18 05:55:45 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	309217	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1125525	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	575729	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	978968	20.00	ng	0.00
76) Chrysene-d12	13.99	240	794538	20.00	ng	0.00
87) Perylene-d12	15.48	264	686309	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.41	112	49807	2.78	ng	0.00
7) Phenol-d6	6.42	99	64692	2.95	ng	0.00
23) Nitrobenzene-d5	7.35	82	12881	0.74	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	9258	1.62	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	92228	2.88	ng	0.00
79) Terphenyl-d14	12.93	244	96191	2.54	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.50	88	59	0.007	ng	# 1
3) Pyridine	3.26	79	189	0.009	ng	# 52
4) n-Nitrosodimethylamine	3.22	42	110	0.018	ng	# 1
6) Aniline	6.45	93	94	0.003	ng	# 48
8) 2-Chlorophenol	6.75	128	30	0.002	ng	# 86
9) Benzaldehyde	6.34	77	86	Below Cal		# 60
10) Phenol	6.43	94	3014	0.121	ng	# 35
11) bis(2-Chloroethyl)ether	6.52	93	256	0.013	ng	# 47
12) 1,3-Dichlorobenzene	6.74	146	28	0.001	ng	# 1
13) 1,4-Dichlorobenzene	6.82	146	60	0.003	ng	# 9
14) 1,2-Dichlorobenzene	6.97	146	25	0.001	ng	# 1
15) Benzyl Alcohol	6.95	79	1043	0.065	ng	# 41
16) 2,2'-oxybis(1-Chloropropan	7.09	45	75	0.004	ng	# 1
17) 2-Methylphenol	7.05	107	125	0.008	ng	# 1
18) Hexachloroethane	7.29	117	44	0.005	ng	# 55
19) n-Nitroso-di-n-propylamine	7.19	70	76	0.007	ng	# 77
20) 3+4-Methylphenols	7.20	107	197	0.010	ng	# 63
22) Acetophenone	7.19	105	632	0.026	ng	# 86
24) Nitrobenzene	7.37	77	141	0.008	ng	# 62
25) Isophorone	7.35	82	12957	0.375	ng	# 65
26) 2-Nitrophenol	7.72	139	114	0.012	ng	# 1
27) 2,4-Dimethylphenol	7.70	122	173	0.011	ng	# 81
28) bis(2-Chloroethoxy)methane	7.79	93	249	0.011	ng	# 1
29) 2,4-Dichlorophenol	7.93	162	69	0.004	ng	# 1
30) 1,2,4-Trichlorobenzene	8.02	180	105	0.006	ng	# 1
31) Naphthalene	8.09	128	538	0.010	ng	# 65
32) Benzoic acid	7.85	122	126	0.012	ng	# 2
33) 4-Chloroaniline	8.15	127	38	0.002	ng	# 1
34) Hexachlorobutadiene	8.23	225	89	0.008	ng	# 87
35) Caprolactam	8.45	113	779	0.140	ng	# 1
36) 4-Chloro-3-methylphenol	8.62	107	126	0.008	ng	# 45
37) 2-Methylnaphthalene	8.79	142	504	0.014	ng	# 33
38) 1-Methylnaphthalene	8.89	142	467	0.014	ng	# 85
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	42	0.003	ng	# 1

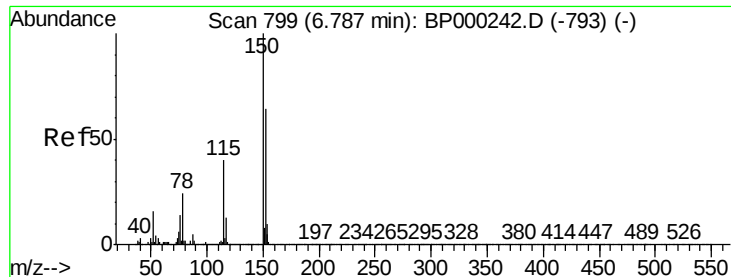
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	43	0.005	ng	88
43) 2,4,6-Trichlorophenol	9.08	196	82	0.007	ng	# 68
44) 2,4,5-Trichlorophenol	9.13	196	79	0.007	ng	# 1
46) 1,1'-Biphenyl	9.25	154	345	0.009	ng	# 68
47) 2-Chloronaphthalene	9.27	162	18	0.001	ng	# 12
48) 2-Nitroaniline	9.36	65	97	0.011	ng	# 31
49) Acenaphthylene	9.69	152	6915	0.138	ng	97
50) Dimethylphthalate	9.55	163	7286	0.186	ng	# 95
51) 2,6-Dinitrotoluene	9.83	165	74484	8.636	ng	# 30
52) Acenaphthene	9.86	154	732	0.023	ng	# 93
53) 3-Nitroaniline	9.80	138	179	0.018	ng	# 56
54) 2,4-Dinitrophenol	9.89	184	44	0.012	ng	# 1
55) Dibenzofuran	10.04	168	458	0.010	ng	# 44
56) 4-Nitrophenol	9.95	139	46	0.006	ng	# 1
57) 2,4-Dinitrotoluene	9.83	165	74552	6.612	ng	# 35
58) Fluorene	10.39	166	1570	0.045	ng	# 82
59) 2,3,4,6-Tetrachlorophenol	10.13	232	91	0.009	ng	# 1
60) Diethylphthalate	10.25	149	318	0.008	ng	# 53
61) 4-Chlorophenyl-phenylether	10.38	204	55	0.003	ng	# 44
62) 4-Nitroaniline	10.39	138	34	0.003	ng	# 45
63) Azobenzene	10.55	77	536	0.017	ng	# 35
65) 4,6-Dinitro-2-methylphenol	10.44	198	53	0.012	ng	# 1
66) n-Nitrosodiphenylamine	10.50	169	132	0.004	ng	# 59
67) 4-Bromophenyl-phenylether	10.85	248	204	0.018	ng	# 1
68) Hexachlorobenzene	10.93	284	25	0.002	ng	# 1
69) Atrazine	11.03	200	173	Below Cal	#	1
70) Pentachlorophenol	11.16	266	78	0.012	ng	# 46
71) Phenanthrene	11.35	178	2853	0.058	ng	# 87
72) Anthracene	11.40	178	2140	0.042	ng	# 76
73) Carbazole	11.56	167	2430	0.053	ng	# 88
74) Di-n-butylphthalate	11.90	149	654	0.011	ng	# 53
75) Fluoranthene	12.55	202	5826	0.111	ng	80
77) Benzidine	12.68	184	513	0.018	ng	# 1
78) Pyrene	12.78	202	6022	0.101	ng	# 73
80) Butylbenzylphthalate	13.46	149	669	0.024	ng	# 35
81) Benzo(a)anthracene	13.98	228	4447	0.089	ng	# 1
82) 3,3'-Dichlorobenzidine	13.96	252	365	0.018	ng	# 53
83) Chrysene	13.98	228	4447	0.090	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.98	149	4041	0.123	ng	# 82
85) Di-n-octyl phthalate	14.61	149	2658	0.044	ng	# 1
86) Indeno(1,2,3-cd)pyrene	16.95	276	3000	0.050	ng	# 69
88) Benzo(b)fluoranthene	15.04	252	5781	0.141	ng	# 1
89) Benzo(k)fluoranthene	15.04	252	5781	0.162	ng	# 1
90) Benzo(a)pyrene	15.41	252	4868	0.131	ng	# 1
91) Dibenzo(a,h)anthracene	16.96	278	1226	0.035	ng	# 1
92) Benzo(g,h,i)perylene	17.40	276	3627	0.102	ng	# 13

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

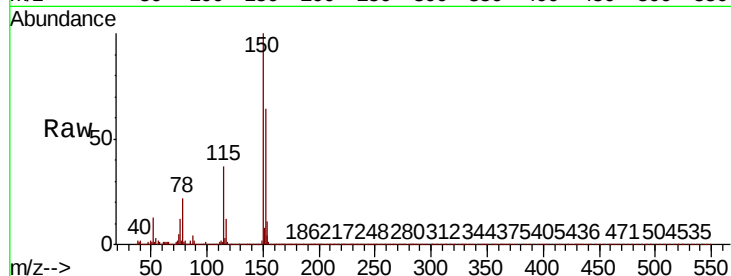


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.2	187.8
115	58.1	49.7	74.5

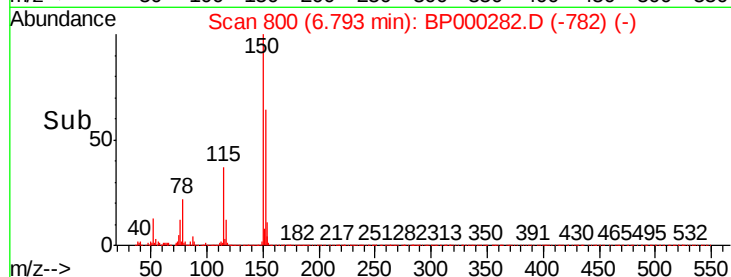
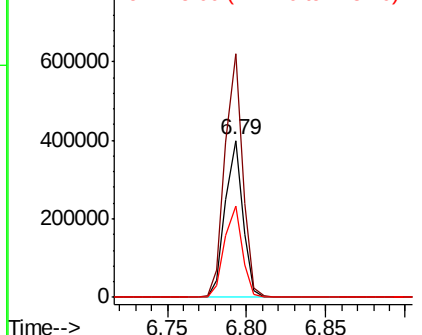


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

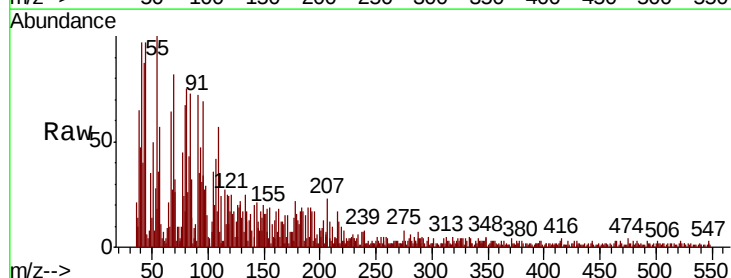
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.007 ng
RT: 2.50 min Scan# 71
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	0.0	45.4	68.2#
43	274.6	15.0	22.6#

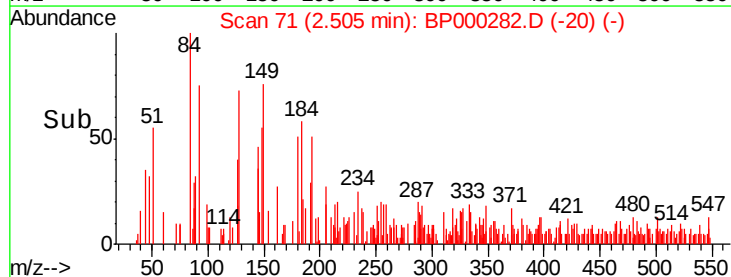
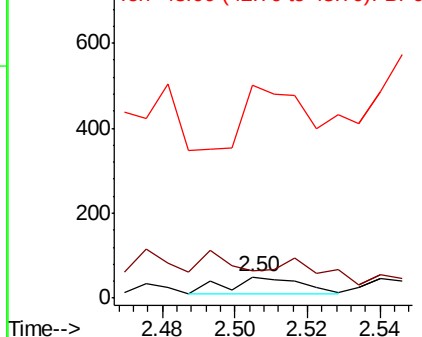


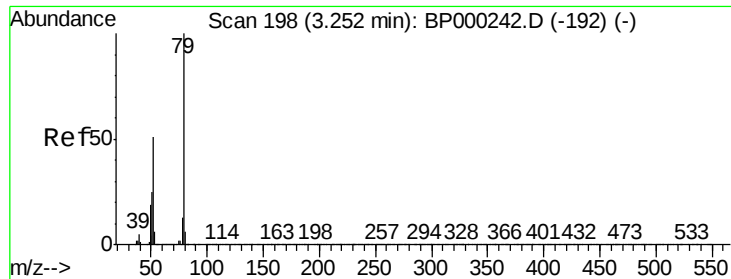
Abundance

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

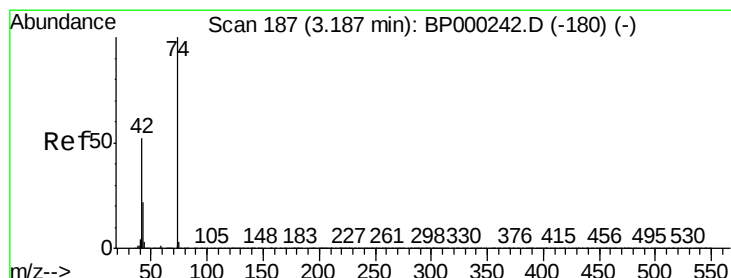
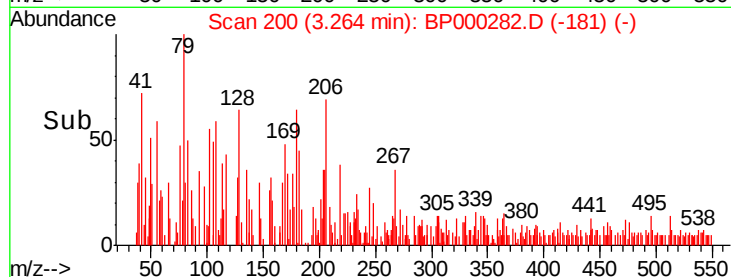
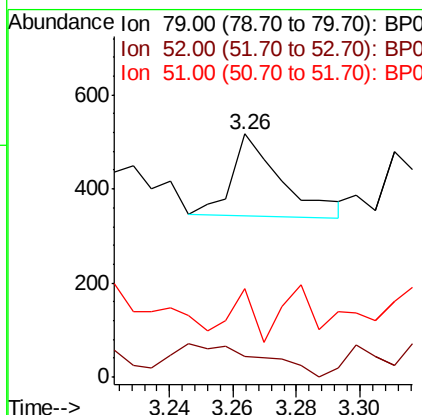
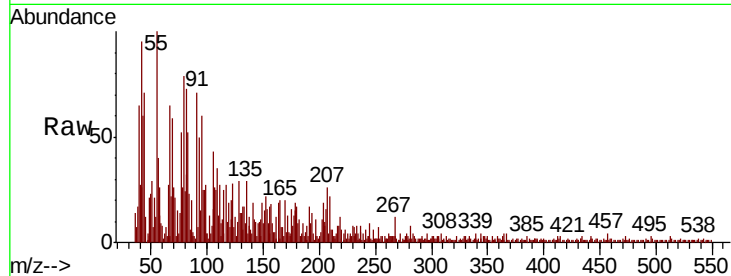




#3
 Pvridine
 Concen: 0.009 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: BP000282.D
 Acq: 17 Sep 2019 19:02

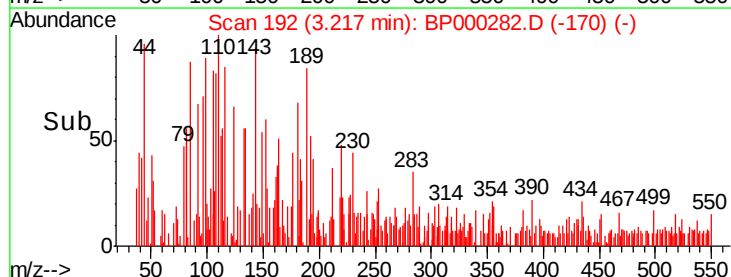
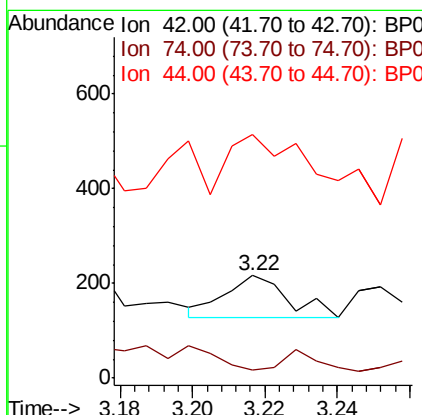
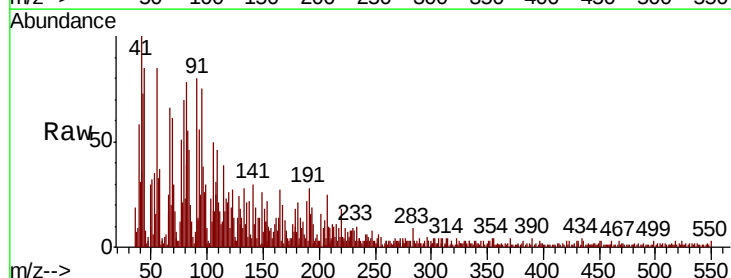
Instrument :
 BNA_P
 ClientSampled :

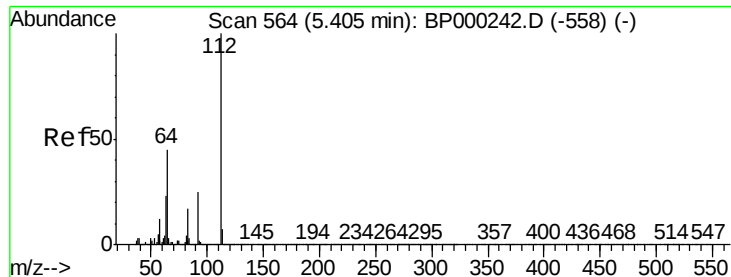
Tot Ion: 79 Resp: 189
 Ion Ratio Lower Upper
 79 100
 52 8.7 40.9 61.3#
 51 36.4 20.2 30.2#



#4
 n-Nitrosodimethylamine
 Concen: 0.018 ng
 RT: 3.22 min Scan# 192
 Delta R.T. 0.03 min
 Lab File: BP000282.D
 Acq: 17 Sep 2019 19:02

Tgt Ion: 42 Resp: 110
 Ion Ratio Lower Upper
 42 100
 74 7.8 154.5 231.7#
 44 236.9 5.9 8.9#





#5

2-Fluorophenol

Concen: 2.781 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

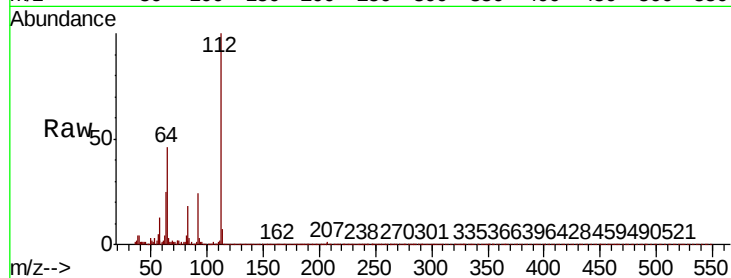
Tot Ion: 112 Resp: 49807

Ion Ratio Lower Upper

112 100

64 45.8 36.2 54.4

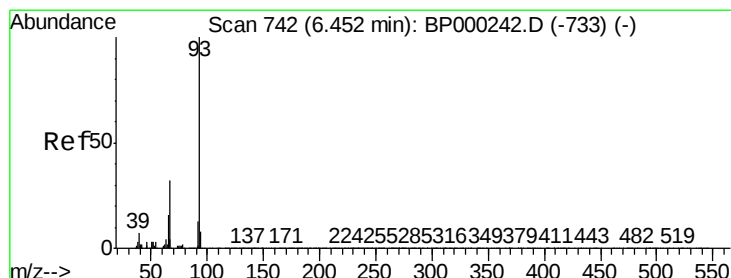
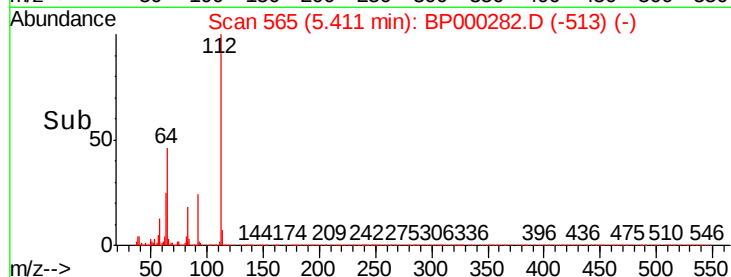
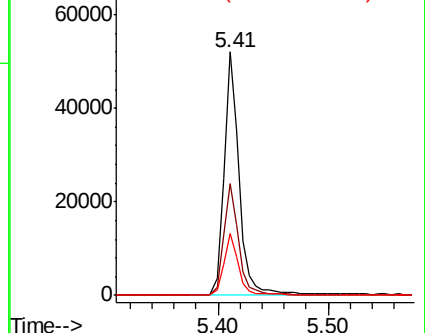
63 25.4 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 0.003 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

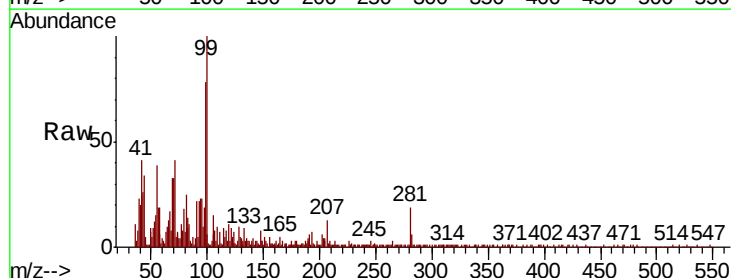
Tgt Ion: 93 Resp: 94

Ion Ratio Lower Upper

93 100

66 59.1 26.2 39.2#

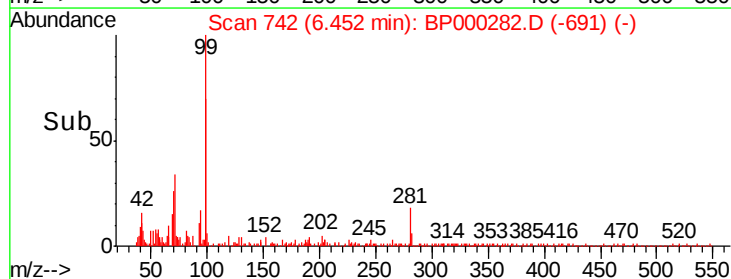
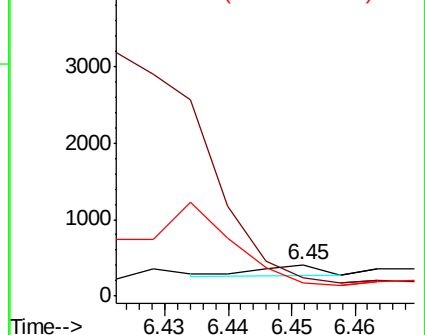
65 42.9 12.7 19.1#

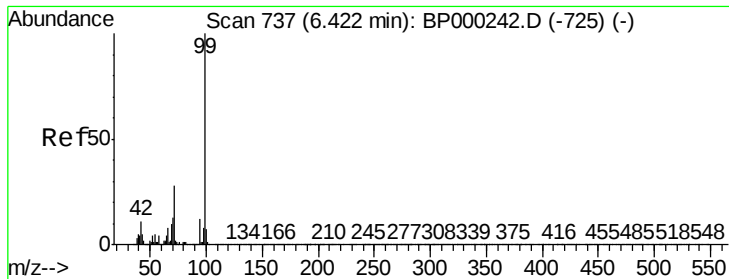


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 2.946 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampled :

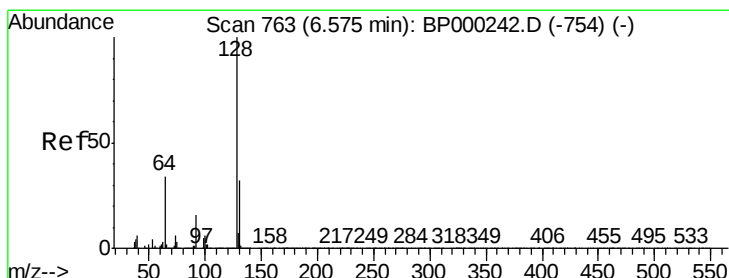
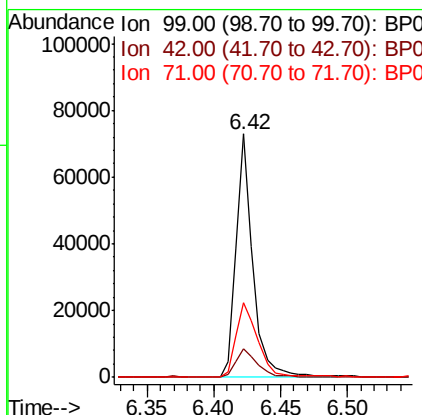
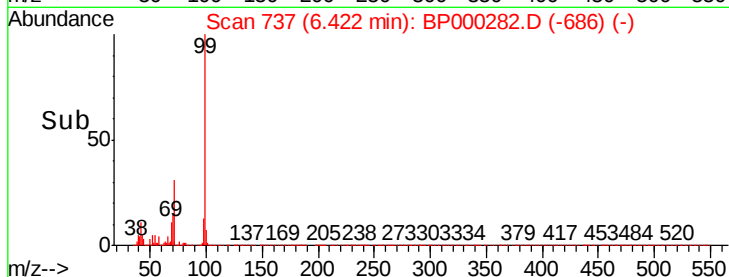
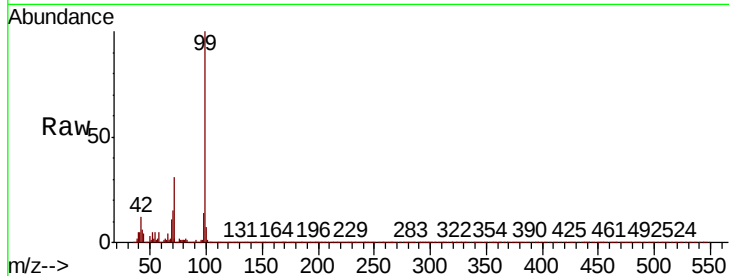
Tot Ion: 99 Resp: 64692

Ion Ratio Lower Upper

99 100

42 11.7 8.5 12.7

71 30.8 22.6 34.0



#8

2-Chlorophenol

Concen: 0.002 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.17 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

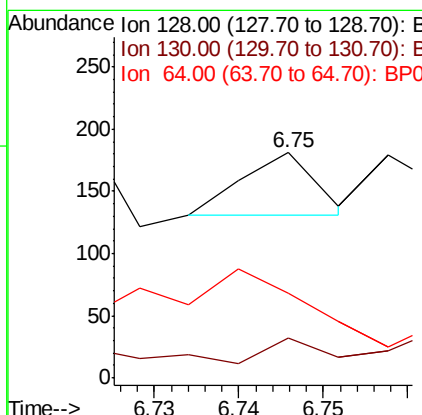
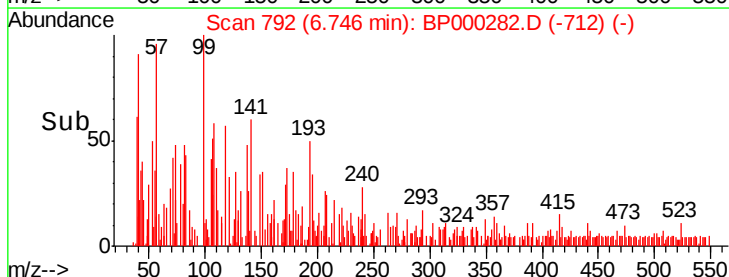
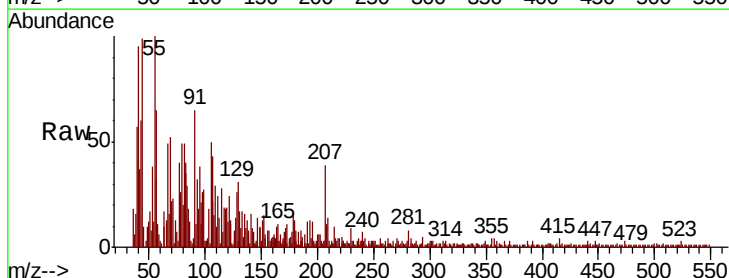
Tgt Ion:128 Resp: 30

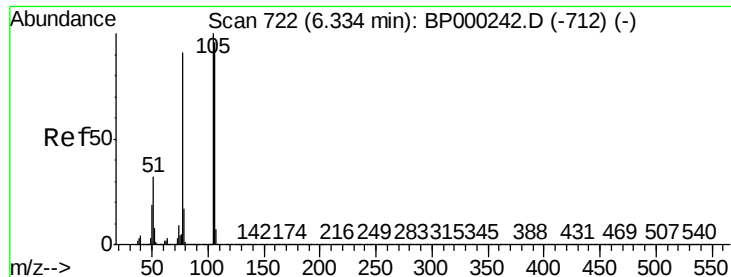
Ion Ratio Lower Upper

128 100

130 17.7 12.5 52.5

64 37.6 16.0 56.0

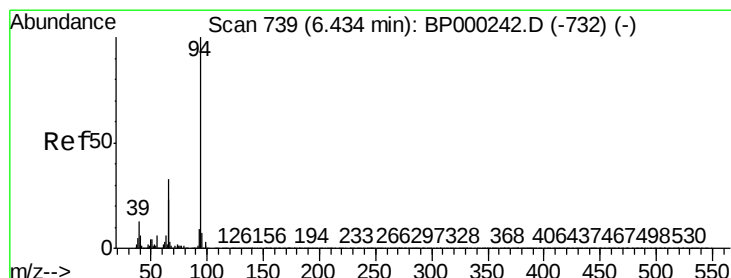
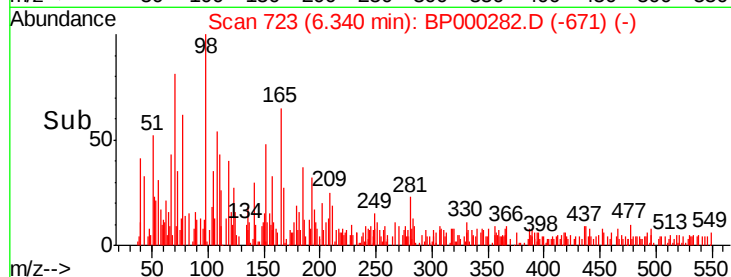
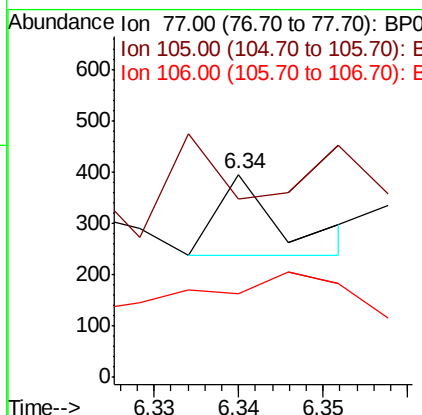
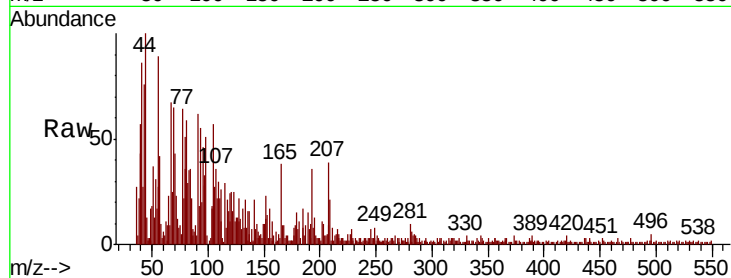




#9
Benzaldehyde
Concen: Below Cal
RT: 6.34 min Scan# 723
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

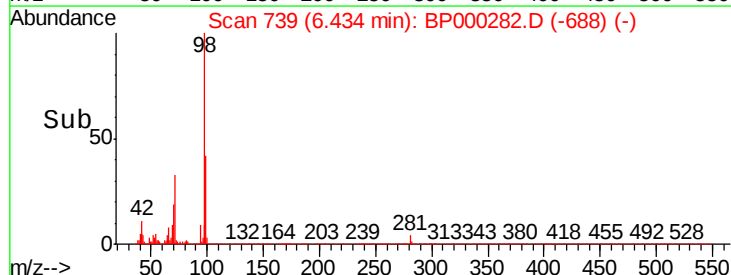
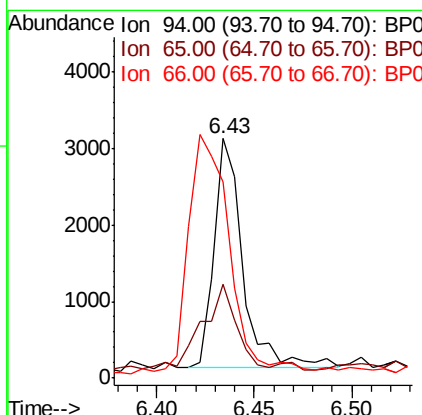
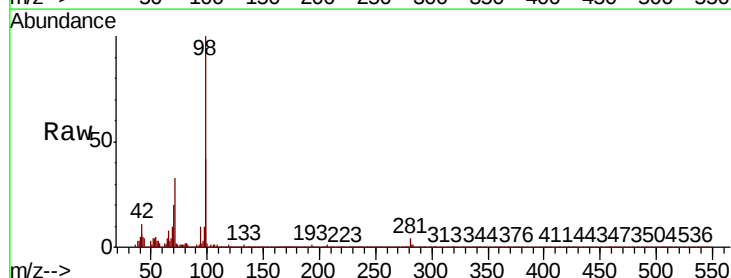
Instrument :
BNA_P
ClientSampled :

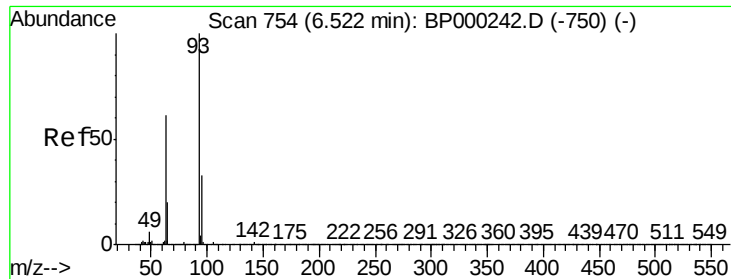
Tot Ion: 77 Resp: 86
Ion Ratio Lower Upper
77 100
105 88.1 89.6 129.6#
106 41.5 84.6 124.6#



#10
Phenol
Concen: 0.121 ng
RT: 6.43 min Scan# 739
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion: 94 Resp: 3014
Ion Ratio Lower Upper
94 100
65 39.4 3.3 43.3
66 81.9 12.7 52.7#

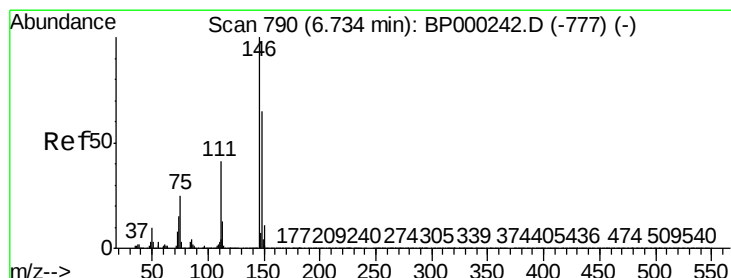
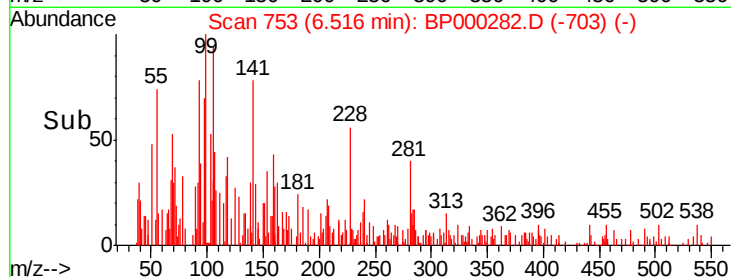
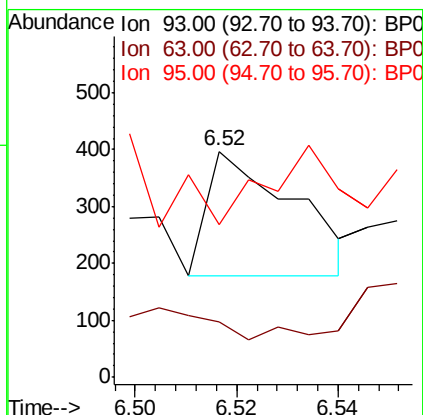
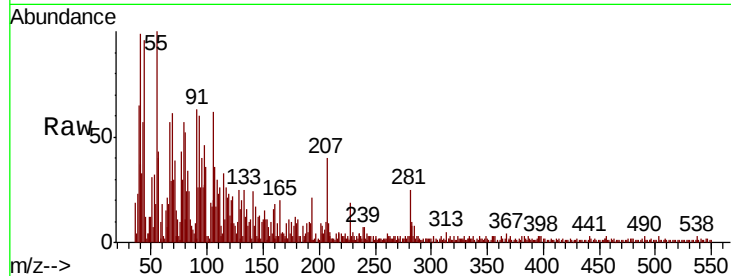




#11
bis(2-Chloroethyl)ether
Concen: 0.013 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

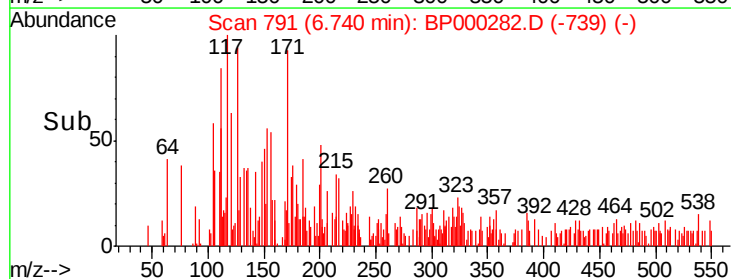
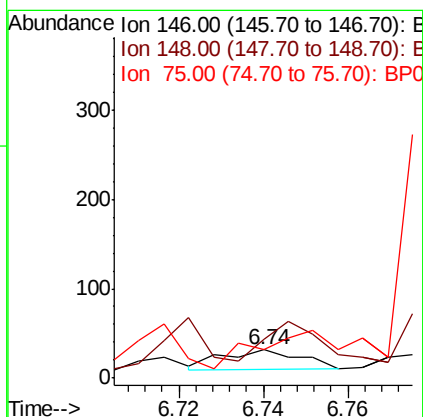
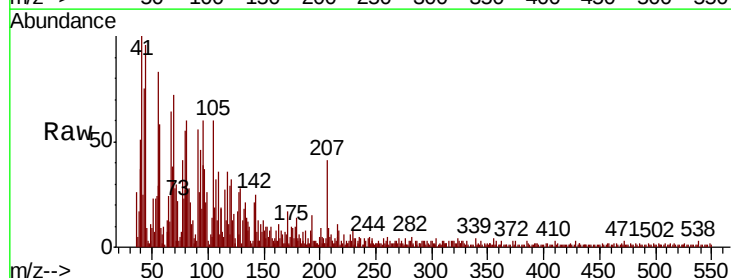
Instrument :
BNA_P
ClientSampleId :

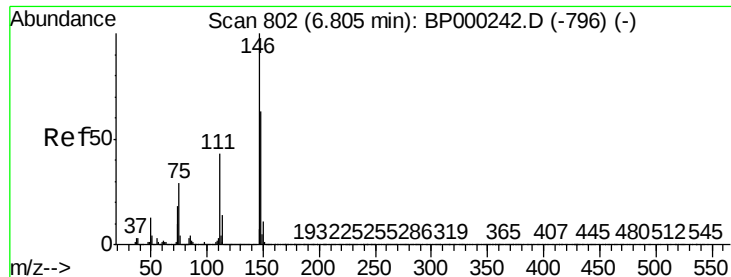
Tot Ion: 93 Resp: 256
Ion Ratio Lower Upper
93 100
63 24.4 41.0 81.0#
95 67.5 12.7 52.7#



#12
1,3-Dichlorobenzene
Concen: 0.001 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion: 146 Resp: 28
Ion Ratio Lower Upper
146 100
148 137.5 52.1 78.1#
75 231.3 20.2 30.4#





#13

1,4-Dichlorobenzene

Concen: 0.003 ng

RT: 6.82 min Scan# 805

Delta R.T. 0.02 min

Lab File: BP000282.D

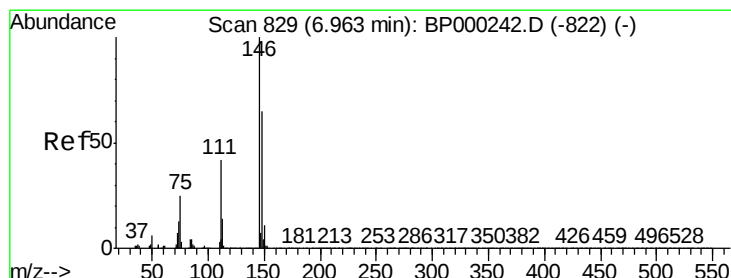
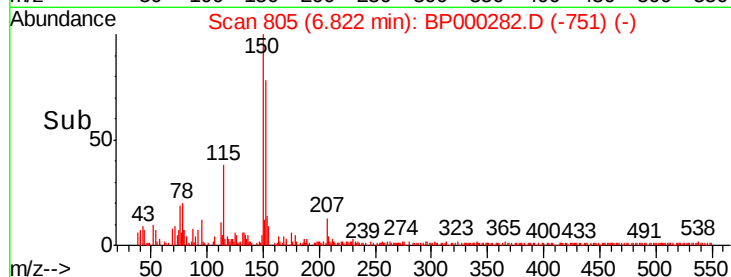
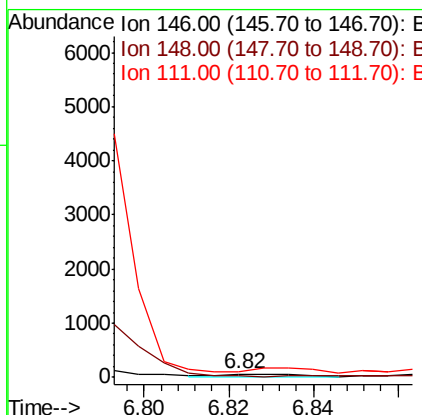
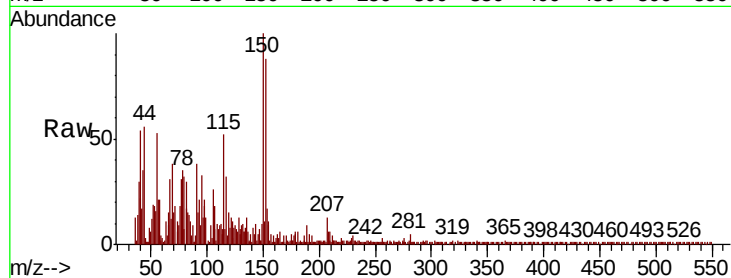
Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

Tot Ion:146	Resp:	60
Ion Ratio	Lower	Upper
146	100	
148	67.7	50.7 76.1
111	182.3	34.1 51.1#



#14

1,2-Dichlorobenzene

Concen: 0.001 ng

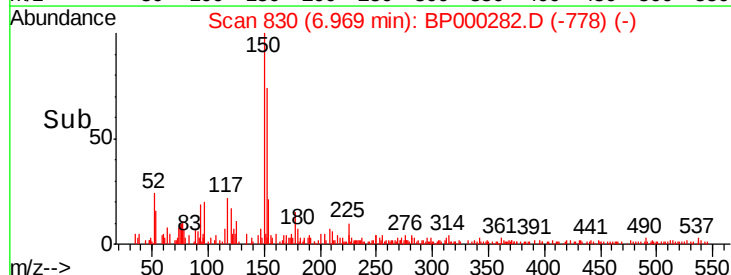
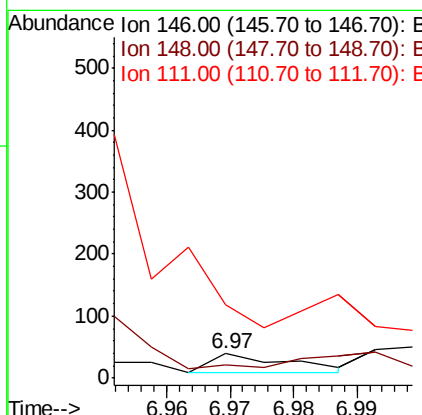
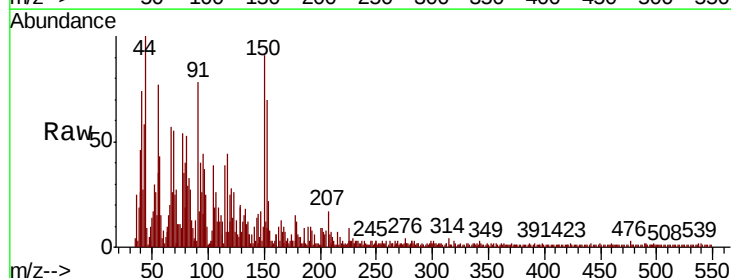
RT: 6.97 min Scan# 830

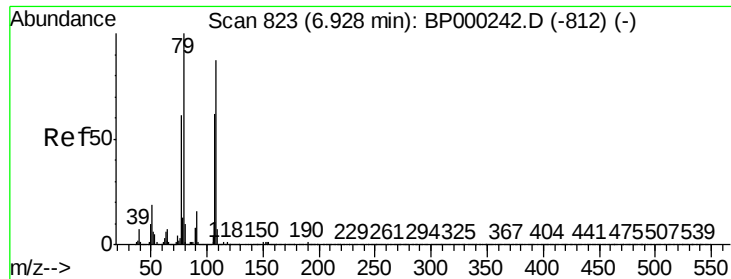
Delta R.T. 0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Tgt Ion:146	Resp:	25
Ion Ratio	Lower	Upper
146	100	
148	56.4	51.7 77.5
111	305.1	33.4 50.2#





#15

Benzyl Alcohol

Concen: 0.065 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.02 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

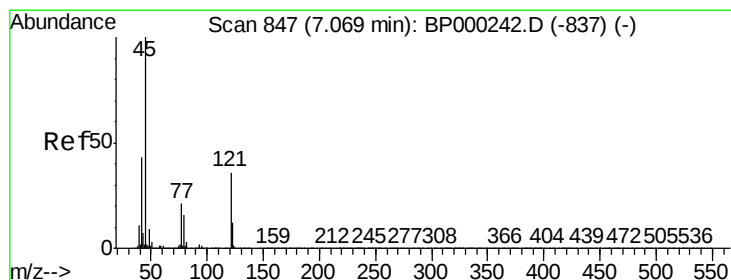
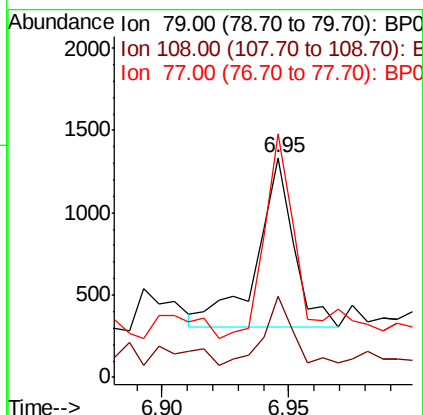
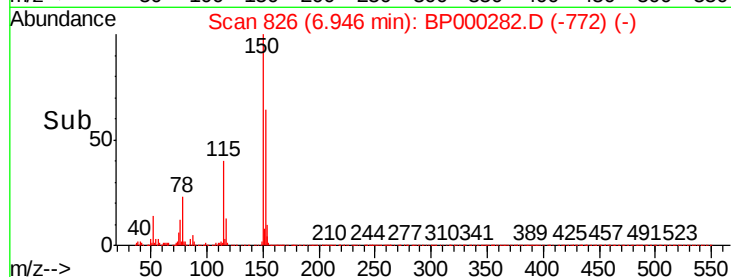
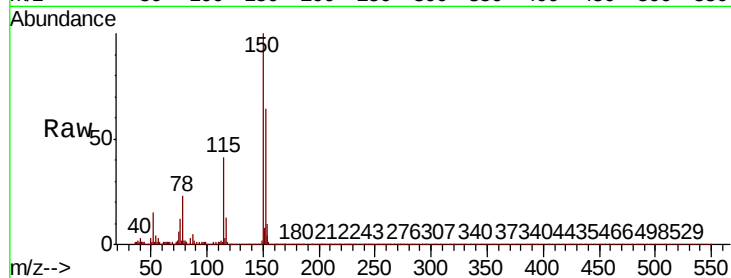
Tot Ion: 79 Resp: 1043

Ion Ratio Lower Upper

79 100

108 37.2 69.2 103.8#

77 111.0 48.7 73.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.004 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.02 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

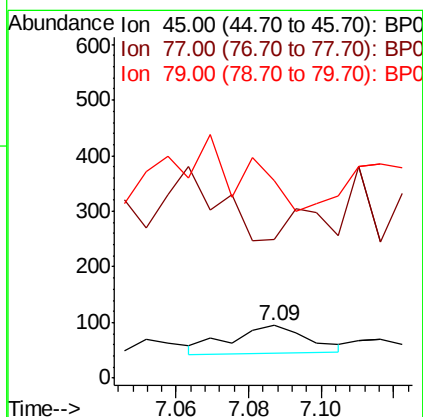
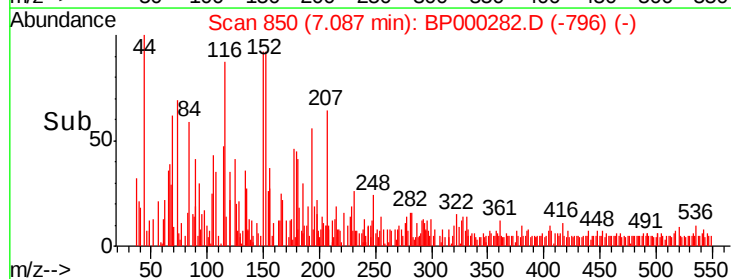
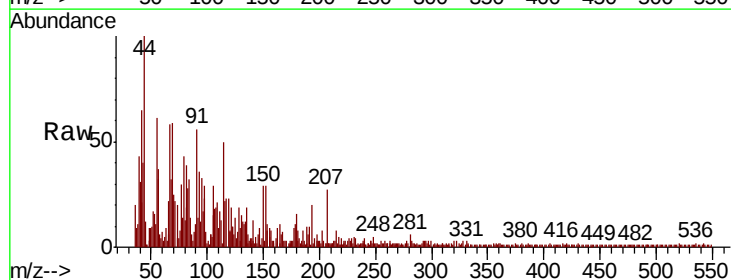
Tgt Ion: 45 Resp: 75

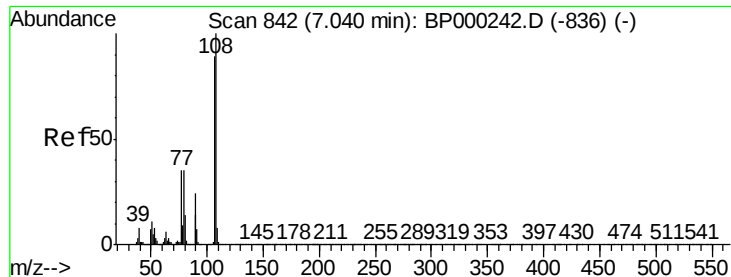
Ion Ratio Lower Upper

45 100

77 263.2 0.7 40.7#

79 373.7 0.0 36.4#

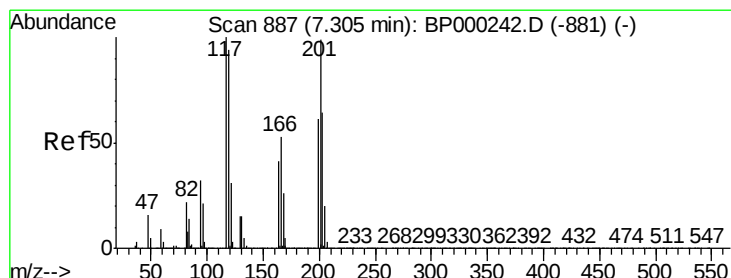
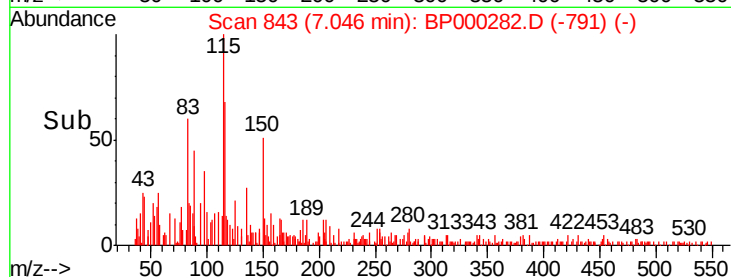
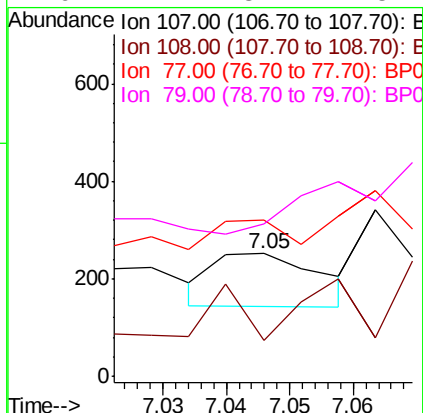
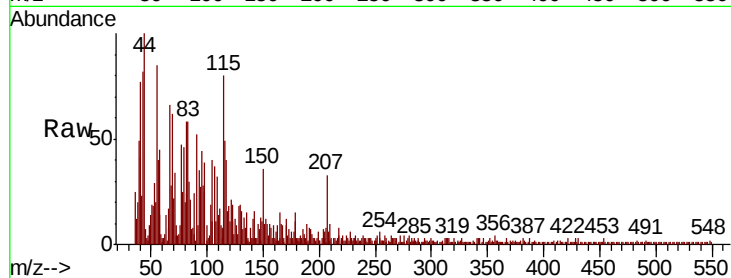




#17
2-Methylphenol
Concen: 0.008 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

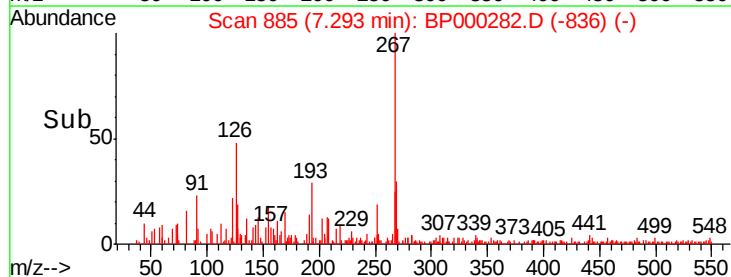
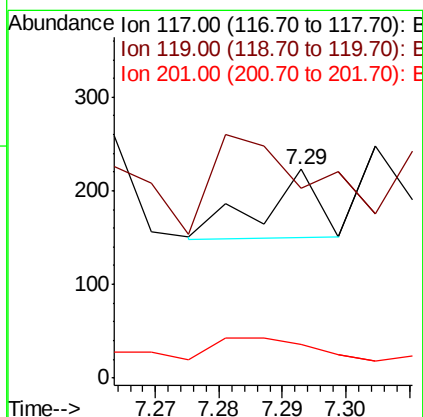
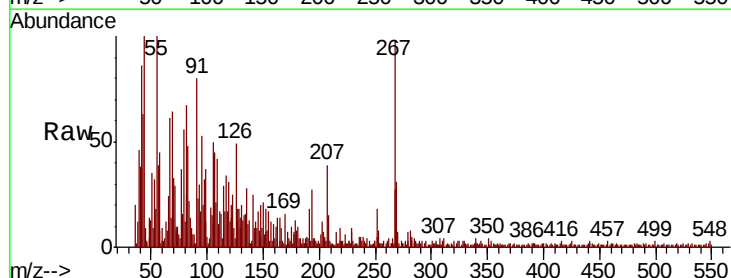
Instrument :
BNA_P
ClientSampled :

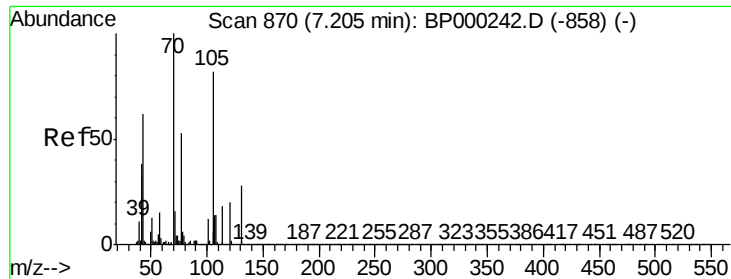
Tot Ion:	107	Resp:	125
Ion	Ratio	Lower	Upper
107	100		
108	29.5	90.1	135.1#
77	127.5	31.5	47.3#
79	124.7	32.2	48.2#



#18
Hexachloroethane
Concen: 0.005 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:	117	Resp:	44
Ion	Ratio	Lower	Upper
117	100		
119	90.6	75.6	113.4
201	16.1	79.4	119.2#

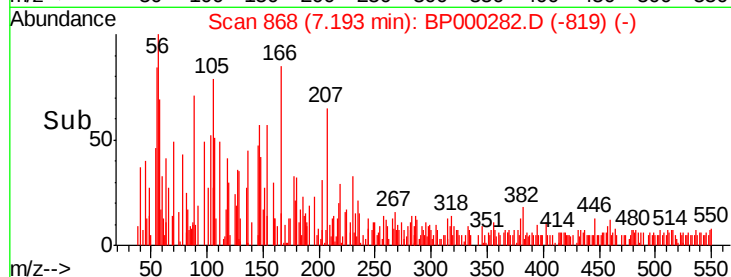
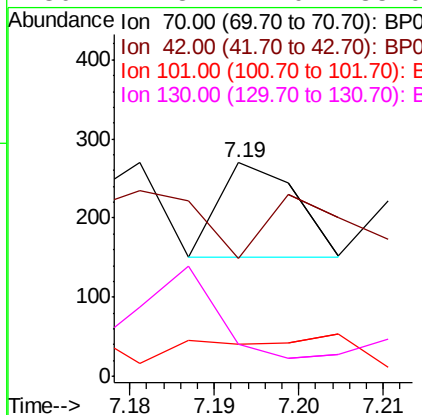
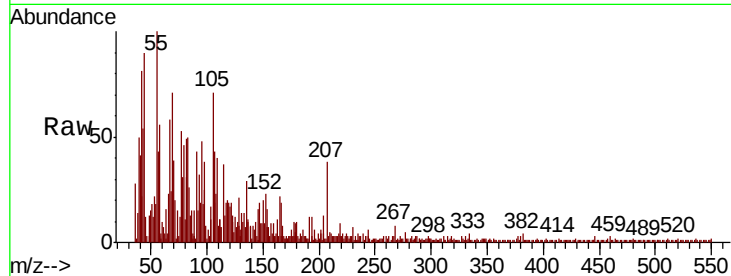




#19
n-Nitroso-di-n-propylamine
Concen: 0.007 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

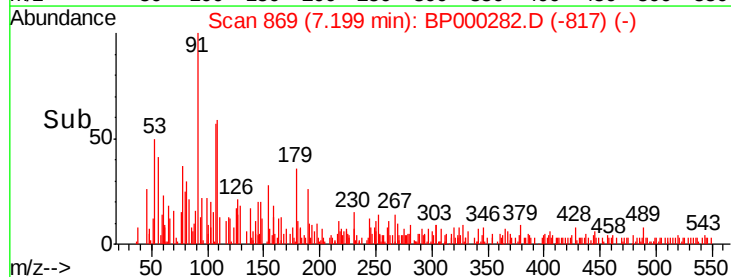
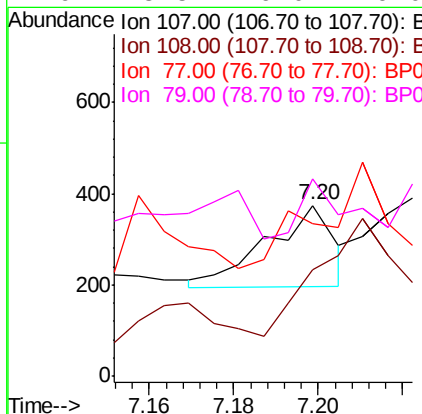
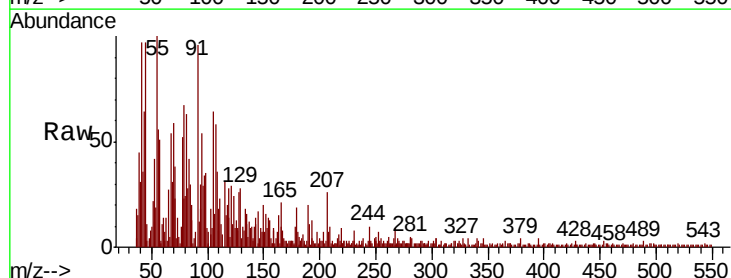
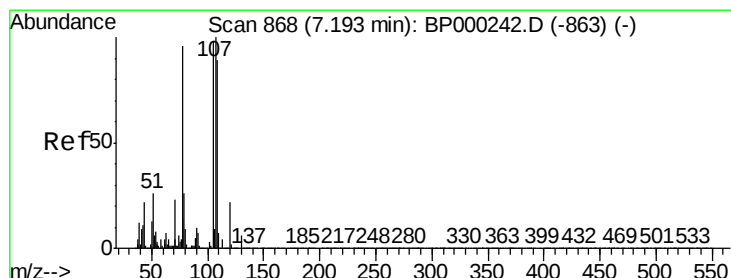
Instrument :
BNA_P
ClientSampleId :

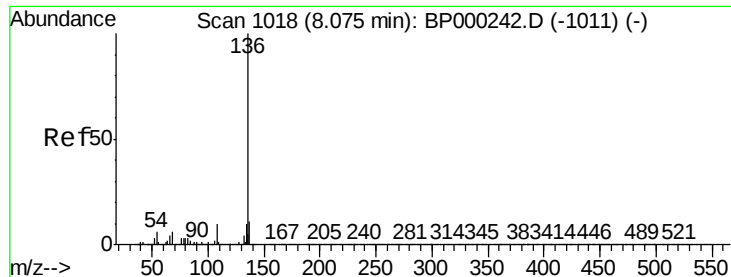
Tot Ion:	70	Resp:	76
Ion	Ratio	Lower	Upper
70	100		
42	55.2	30.7	46.1#
101	14.8	9.6	14.4#
130	14.8	22.0	33.0#



#20
3+4-Methylphenols
Concen: 0.010 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:	107	Resp:	197
Ion	Ratio	Lower	Upper
107	100		
108	62.0	68.8	108.8#
77	89.6	75.7	115.7
79	115.5	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: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 1125525

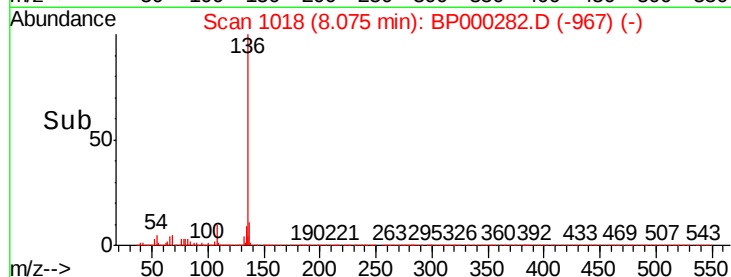
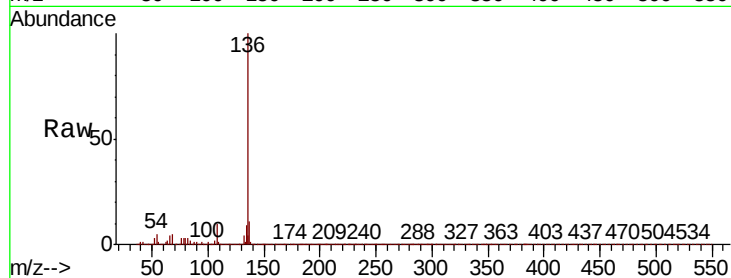
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 5.2 4.5 6.7

68 5.1 4.5 6.7

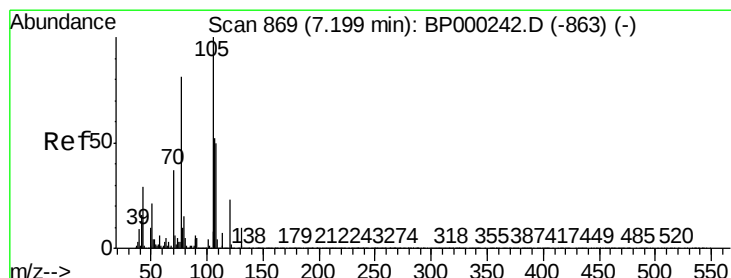
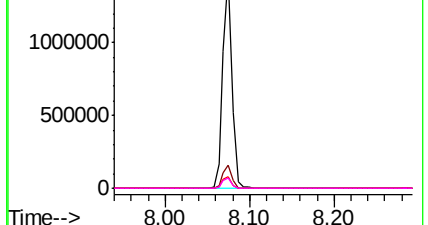


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 0.026 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Tgt Ion:105 Resp: 632

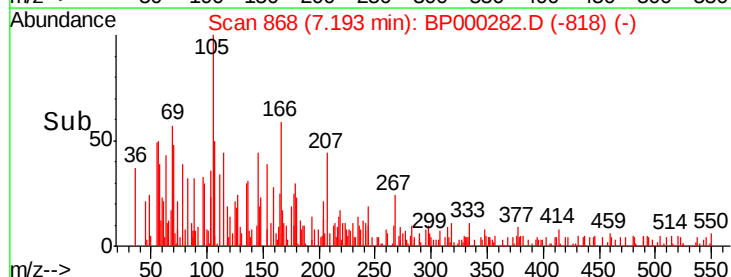
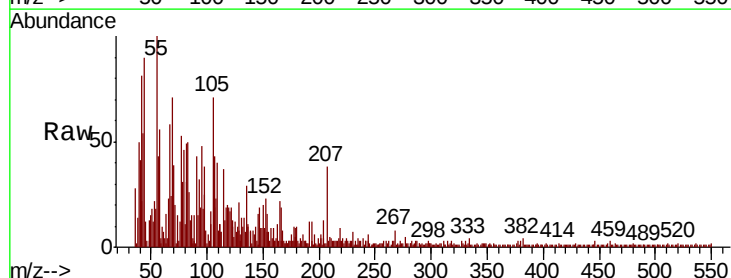
Ion Ratio Lower Upper

105 100

71 28.1 5.2 7.8#

51 26.0 16.6 24.8#

120 24.0 18.5 27.7

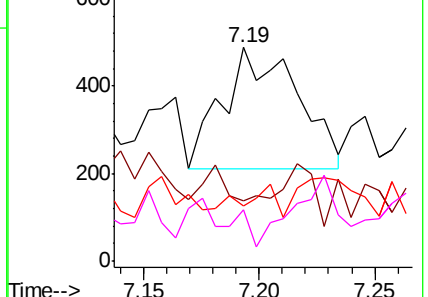


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

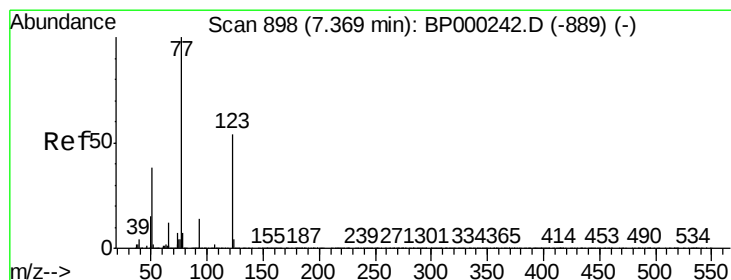
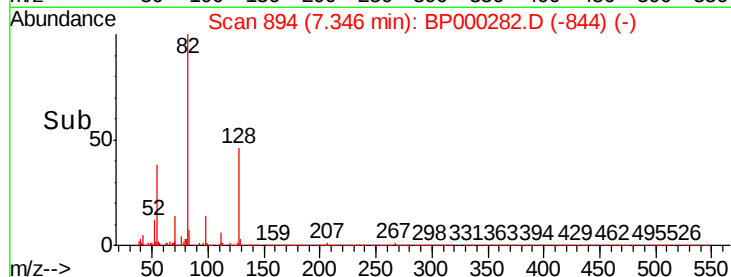
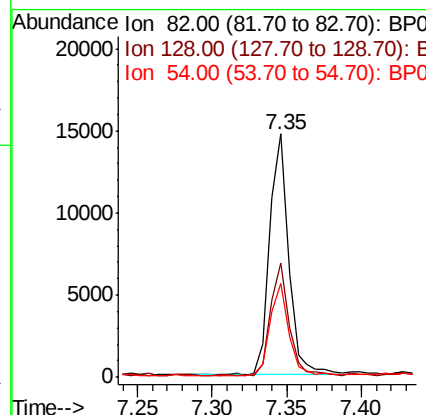
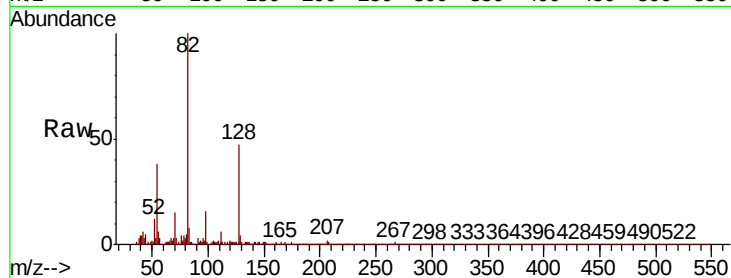




#23
 Nitrobenzene-d5
 Concen: 0.738 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000282.D
 Acq: 17 Sep 2019 19:02

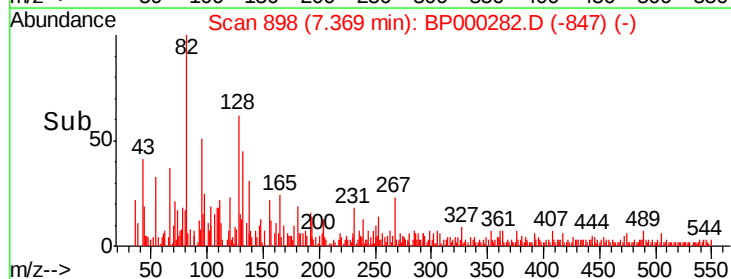
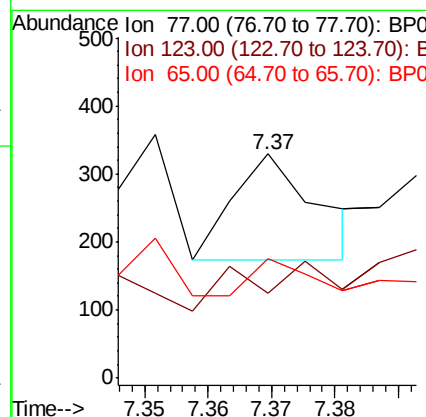
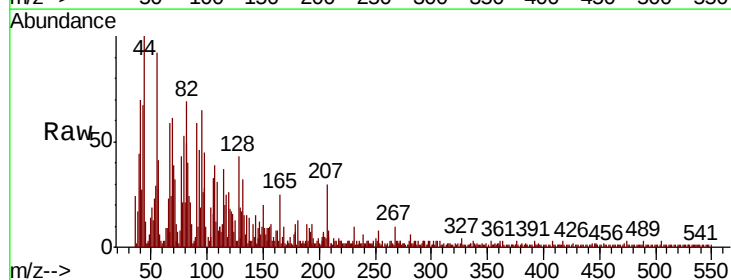
Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	82	Resp	128	Ratio	Lower	Upper
82	100					
128	47.1			40.7	61.1	
54	38.3			30.1	45.1	



#24
 Nitrobenzene
 Concen: 0.008 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BP000282.D
 Acq: 17 Sep 2019 19:02

Tgt Ion	77	Resp	141	Ratio	Lower	Upper
77	100					
123	37.7			43.1	64.7#	
65	53.5			9.4	14.2#	





#25

Isophorone

Concen: 0.375 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

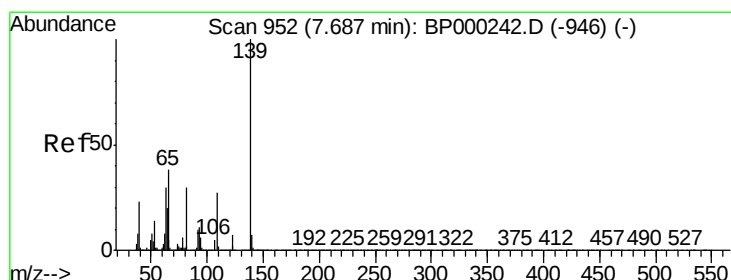
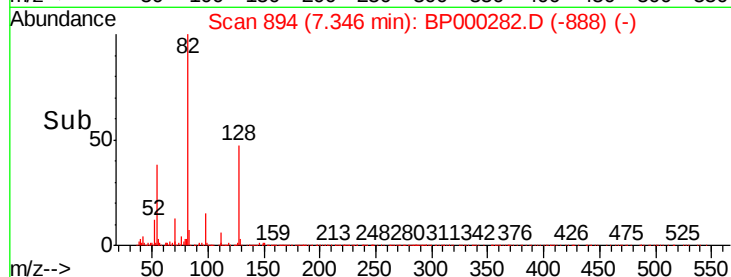
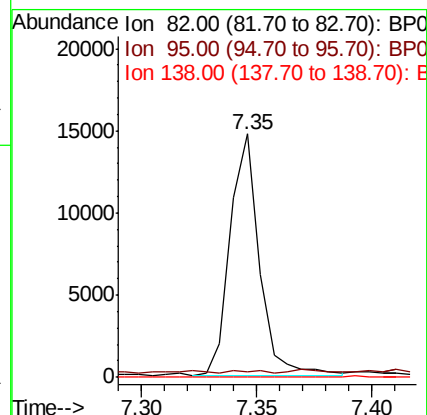
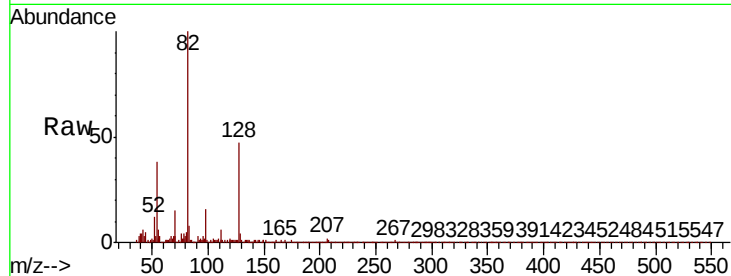
Tot Ion: 82 Resp: 12957

Ion Ratio Lower Upper

82 100

95 2.5 5.9 8.9#

138 0.2 15.9 23.9#



#26

2-Nitrophenol

Concen: 0.012 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.03 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

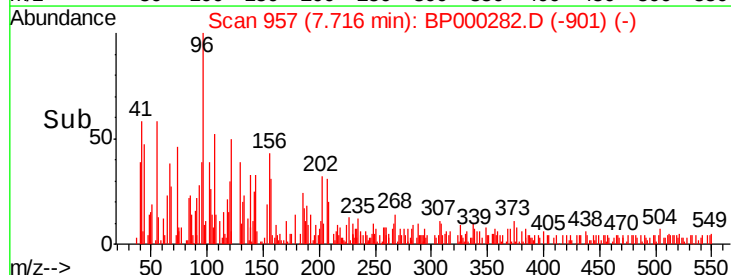
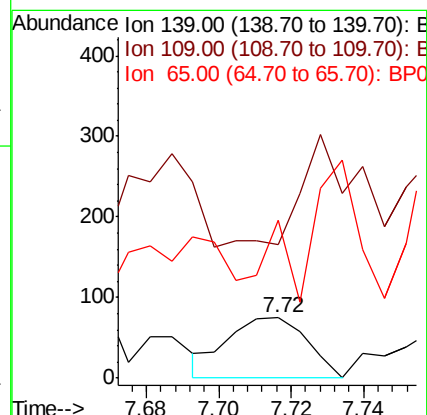
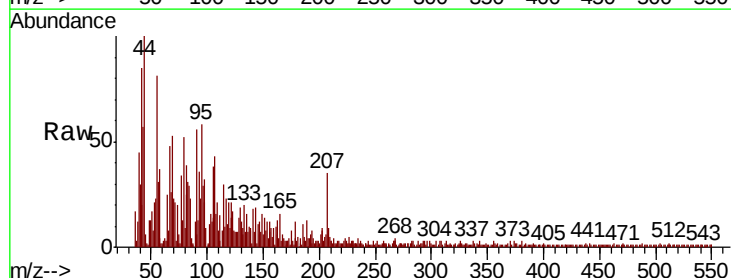
Tgt Ion: 139 Resp: 114

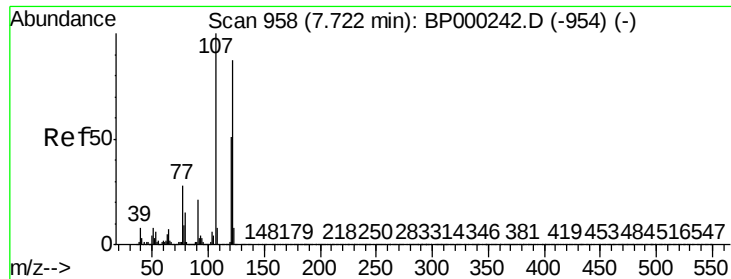
Ion Ratio Lower Upper

139 100

109 220.0 21.8 32.6#

65 261.3 30.5 45.7#

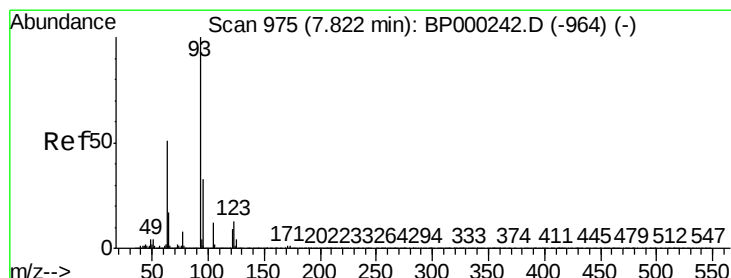
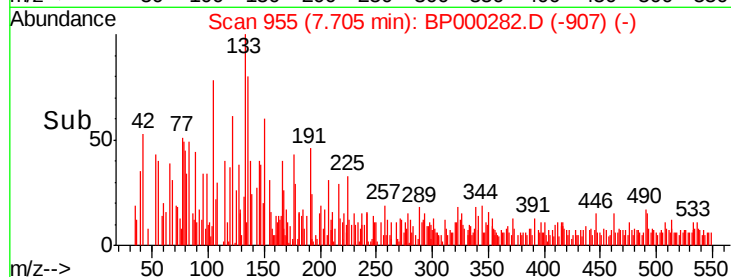
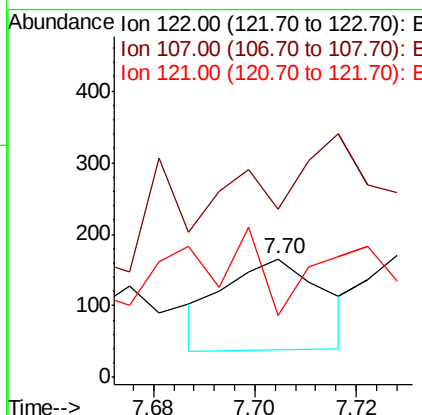
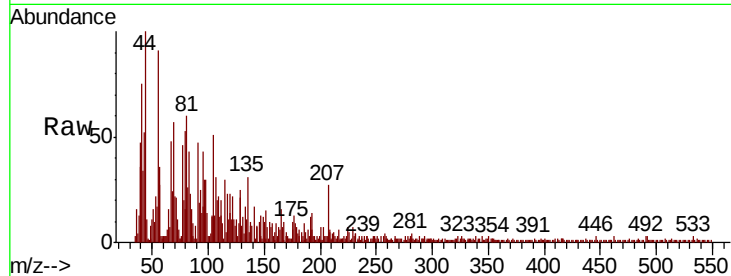




#27
2,4-Dimethylphenol
Concen: 0.011 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.02 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

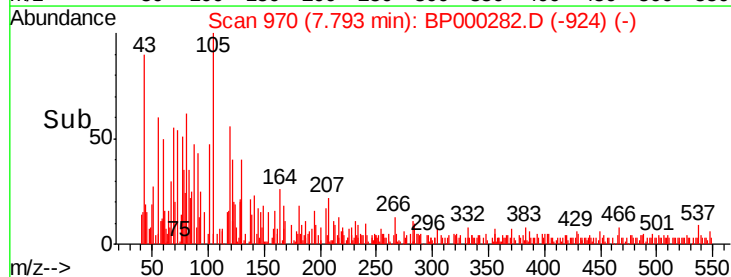
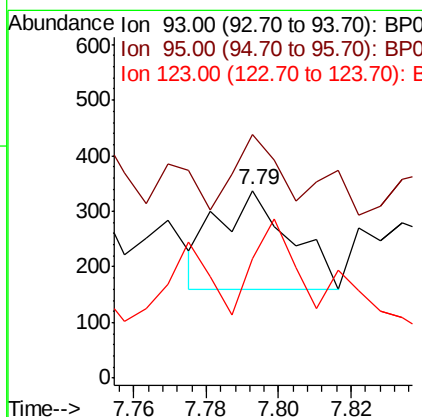
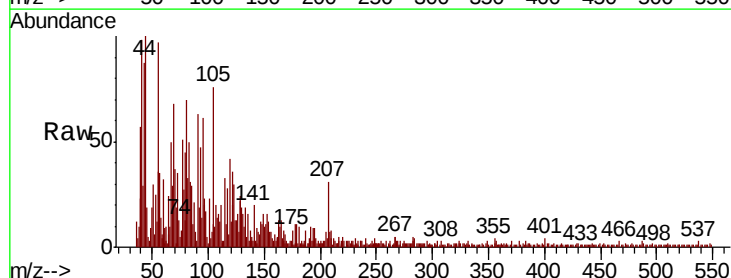
Instrument :
BNA_P
ClientSampled :

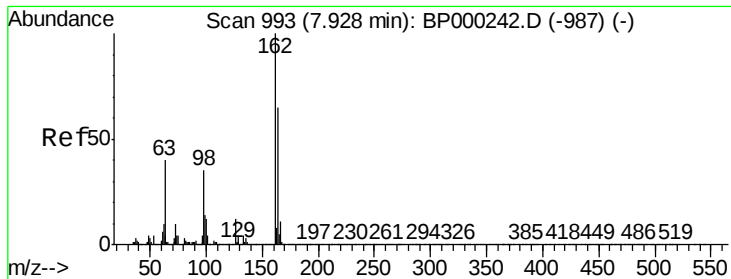
Tot Ion: 122 Resp: 173
Ion Ratio Lower Upper
122 100
107 141.0 91.5 137.3#
121 52.4 46.9 70.3



#28
bis(2-Chloroethoxy)methane
Concen: 0.011 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.03 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion: 93 Resp: 249
Ion Ratio Lower Upper
93 100
95 129.6 26.2 39.4#
123 63.3 10.2 15.2#





#29

2,4-Dichlorophenol

Concen: 0.004 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: BP000282.D

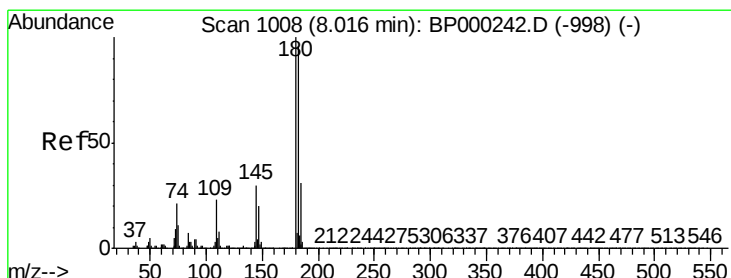
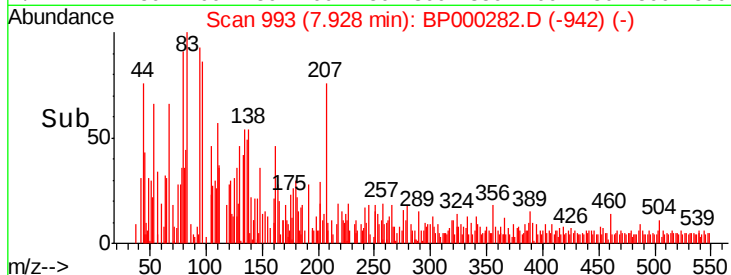
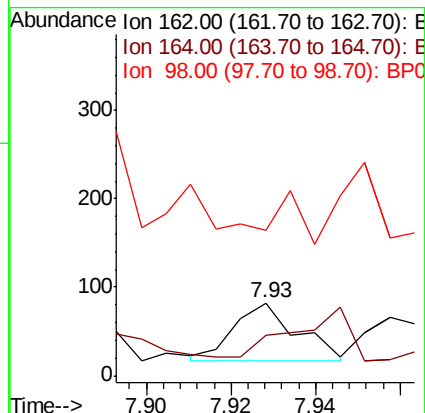
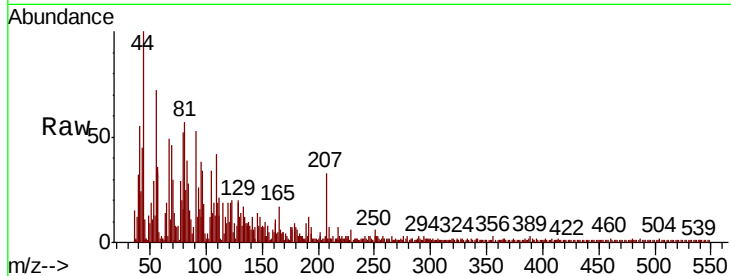
Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	162	Resp:	69
Ion	Ratio	Lower	Upper
162	100		
164	54.9	44.5	84.5
98	201.2	15.2	55.2#



#30

1,2,4-Trichlorobenzene

Concen: 0.006 ng

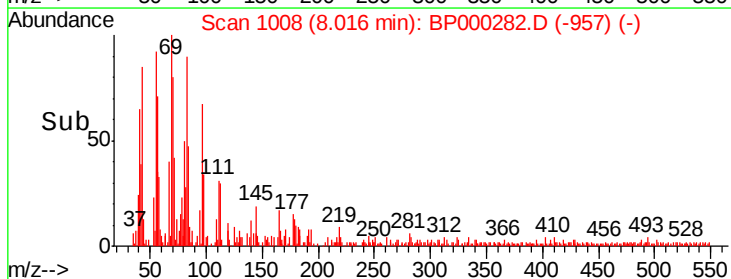
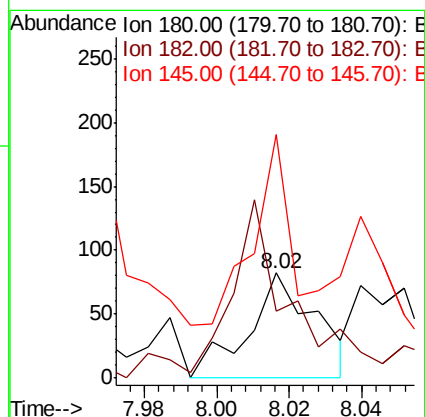
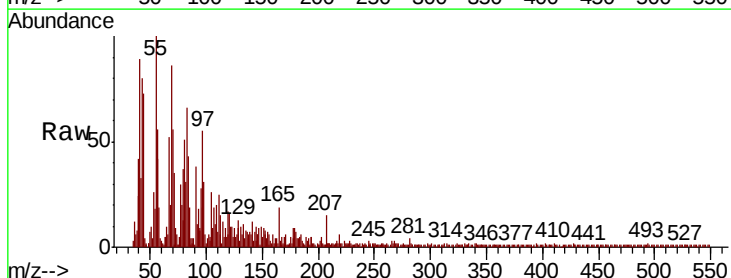
RT: 8.02 min Scan# 1008

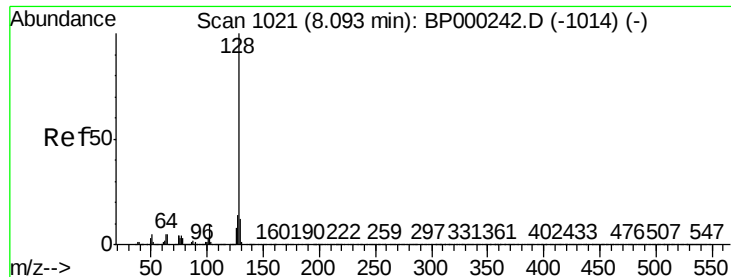
Delta R.T. 0.00 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Tgt Ion:	180	Resp:	105
Ion	Ratio	Lower	Upper
180	100		
182	63.4	77.2	115.8#
145	232.9	24.3	36.5#

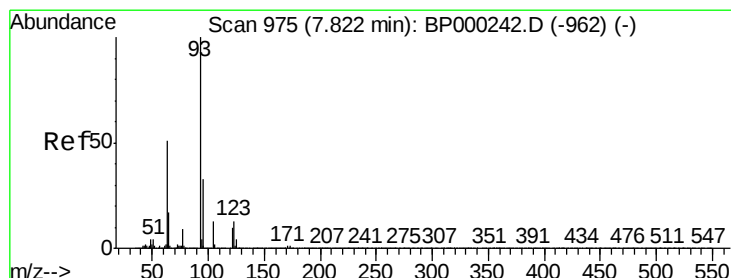
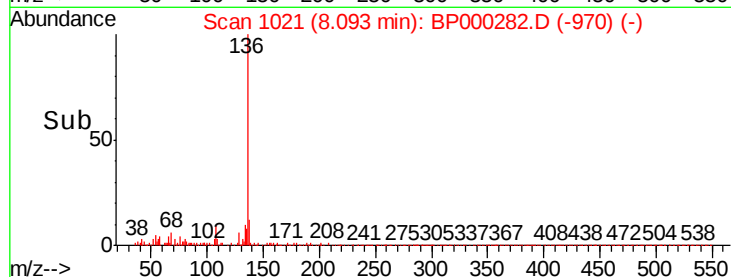
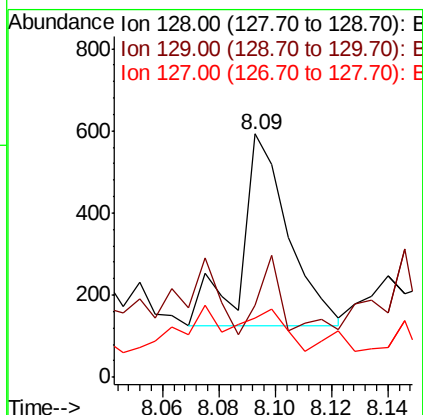
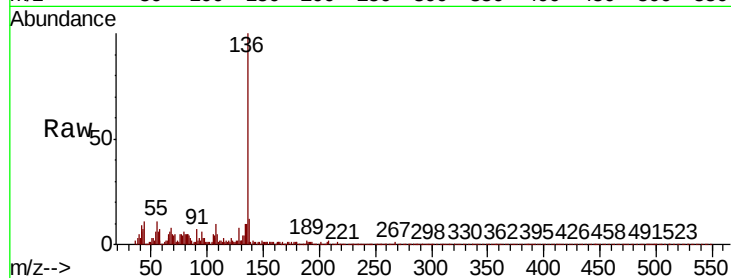




#31
Naphthalene
Concen: 0.010 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

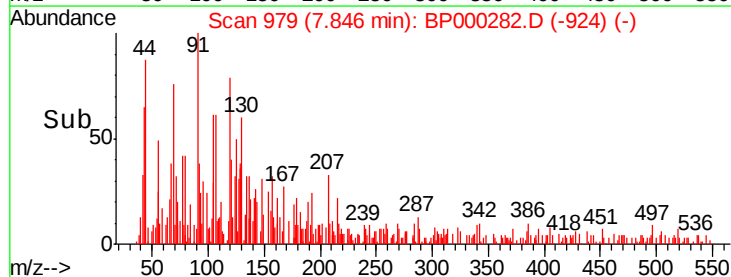
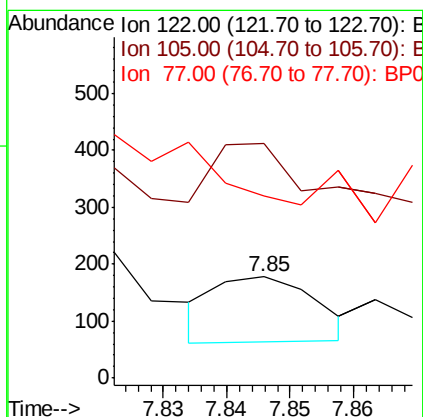
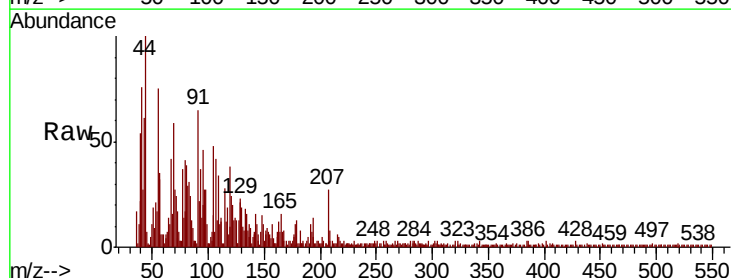
Instrument :
BNA_P
ClientSampleId :

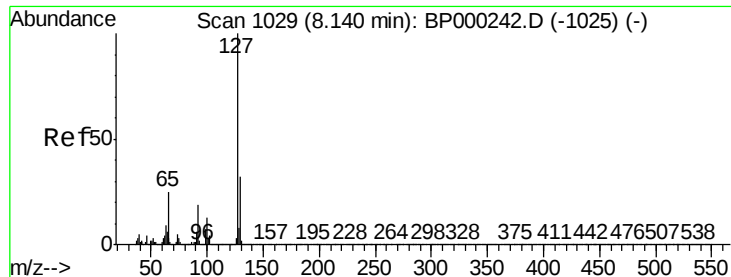
Tot Ion	Ratio	Lower	Upper
128	100		
129	29.5	9.2	13.8#
127	24.3	11.0	16.6#



#32
Benzoic acid
Concen: 0.012 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	232.0	105.4	145.4#
77	180.3	65.3	105.3#

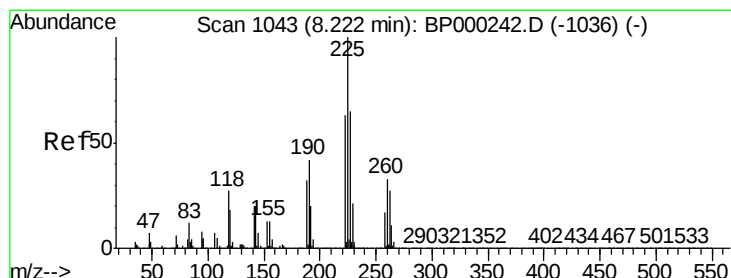
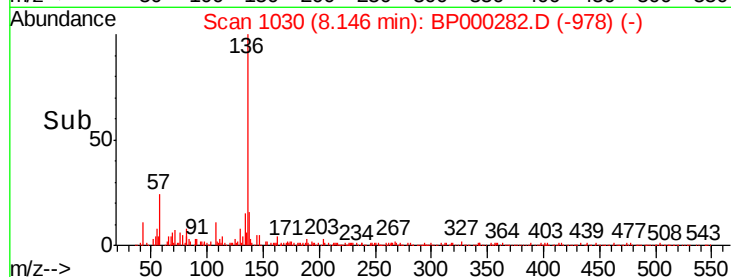
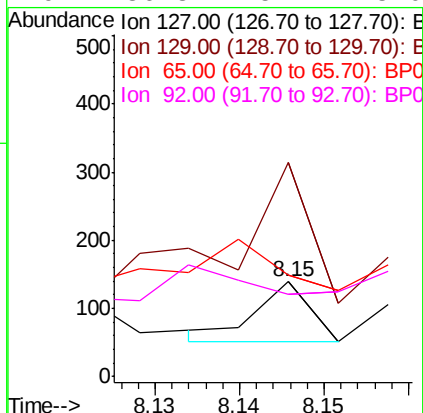
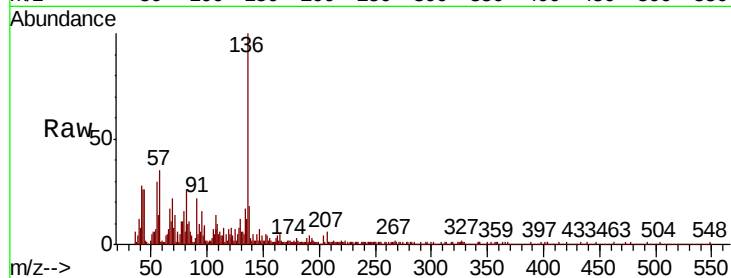




#33
4-Chloroaniline
Concen: 0.002 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

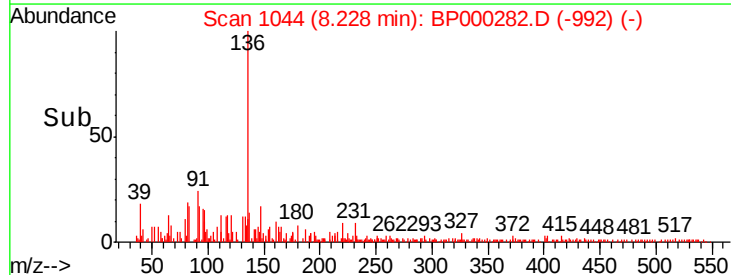
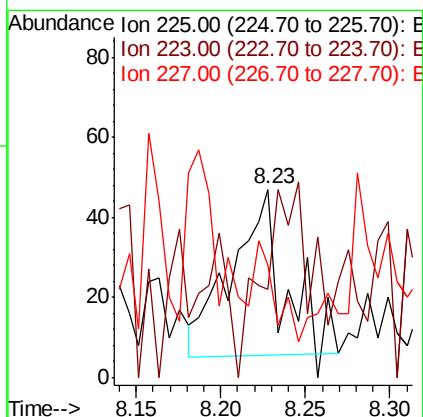
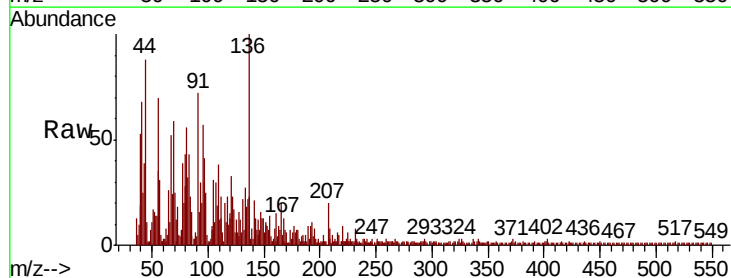
Instrument :
BNA_P
ClientSampled :

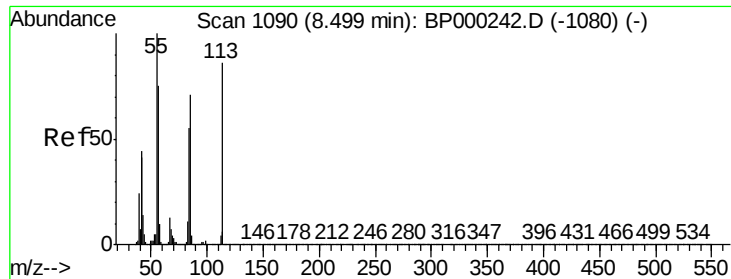
Tot Ion:	127	Resp:	38
Ion	Ratio	Lower	Upper
127	100		
129	225.9	25.7	38.5#
65	107.2	19.9	29.9#
92	86.3	15.4	23.0#



#34
Hexachlorobutadiene
Concen: 0.008 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:	225	Resp:	89
Ion	Ratio	Lower	Upper
225	100		
223	46.8	50.2	75.2#
227	59.6	51.8	77.6

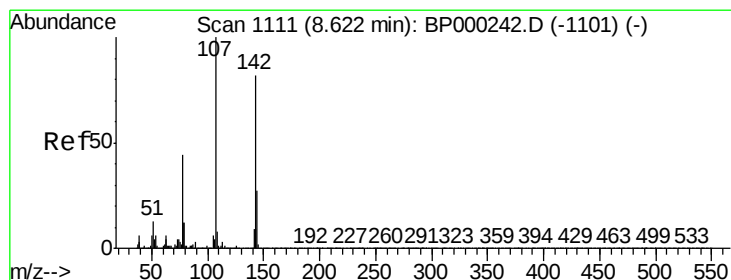
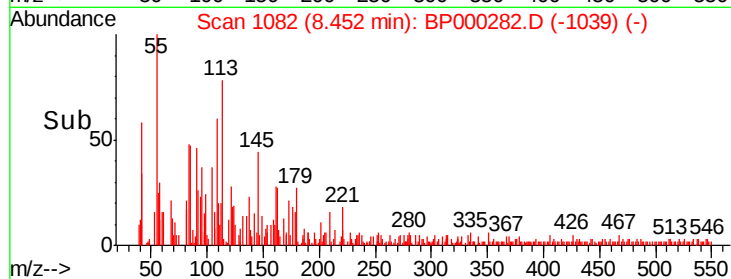
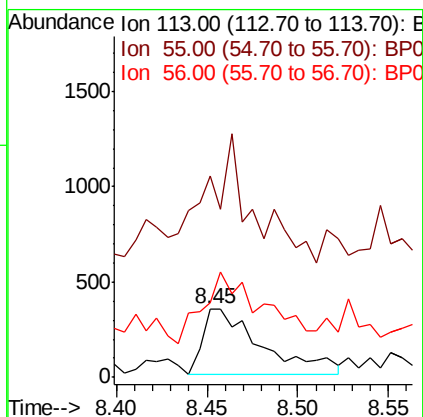
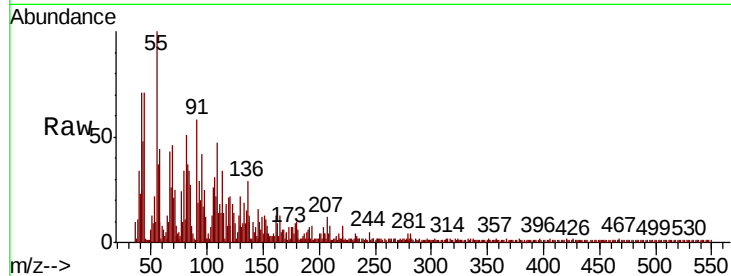




#35
Caprolactam
Concen: 0.140 ng
RT: 8.45 min Scan# 1082
Delta R.T. -0.05 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

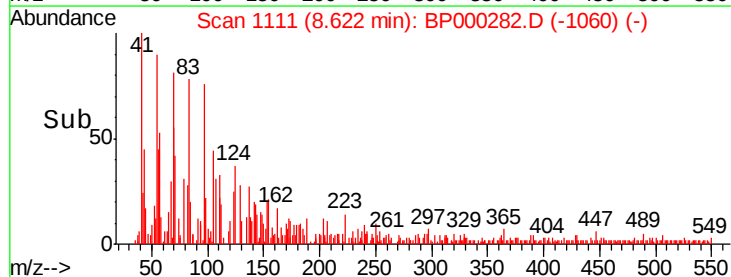
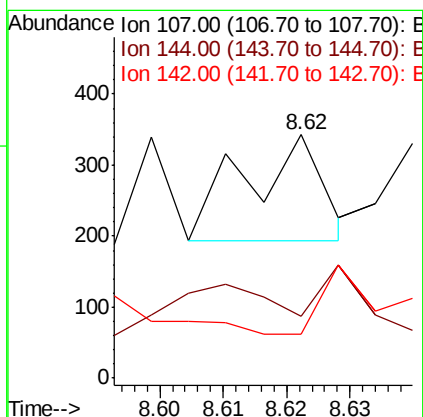
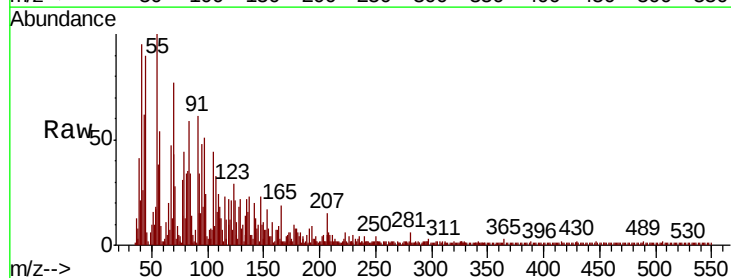
Instrument :
BNA_P
ClientSampleId :

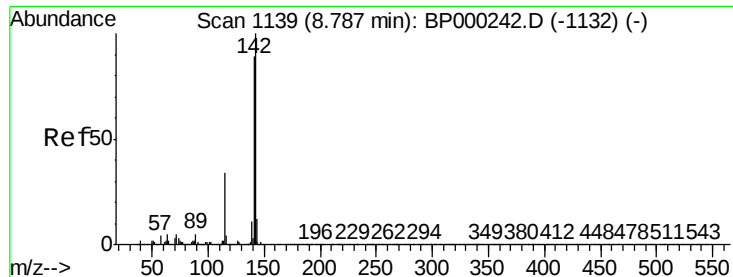
Tot Ion:113 Resp: 779
Ion Ratio Lower Upper
113 100
55 293.9 96.8 136.8#
56 109.2 67.5 107.5#



#36
4-Chloro-3-methylphenol
Concen: 0.008 ng
RT: 8.62 min Scan# 1111
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:107 Resp: 126
Ion Ratio Lower Upper
107 100
144 25.4 21.5 32.3
142 18.1 65.7 98.5#

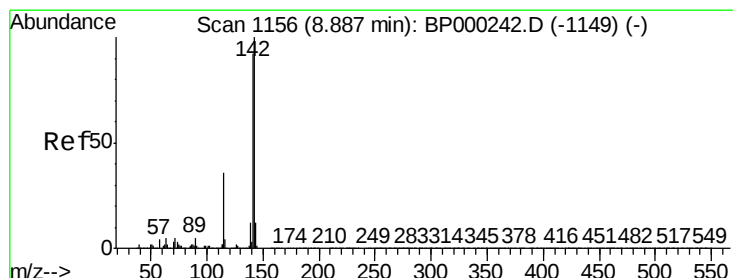
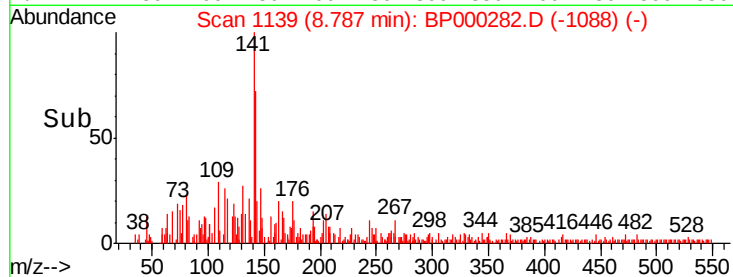
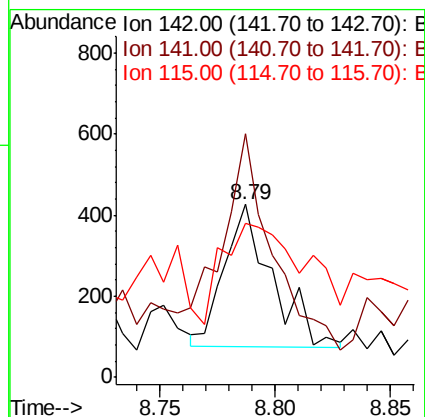
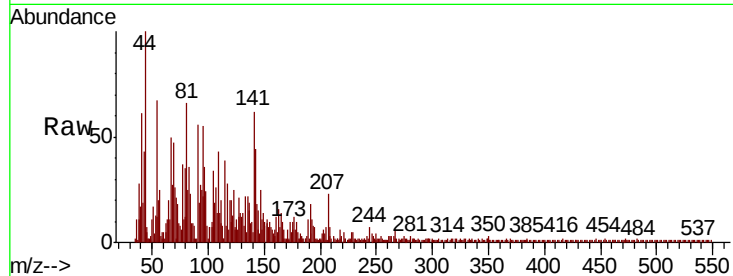




#37
2-Methylnaphthalene
Concen: 0.014 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

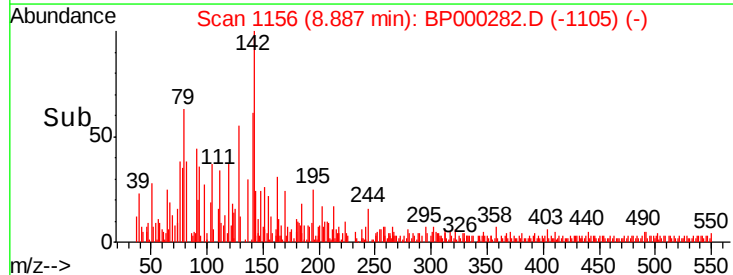
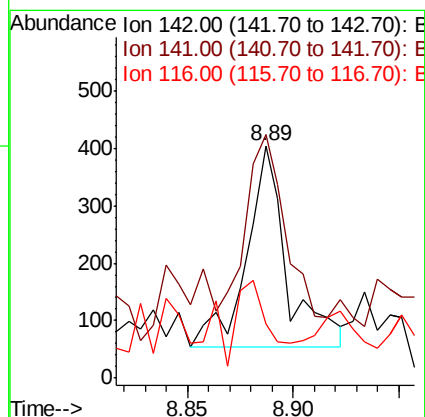
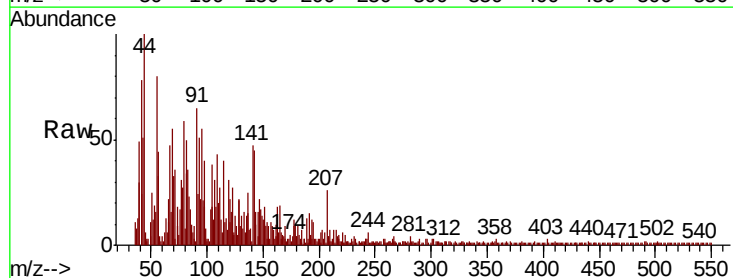
Instrument :
BNA_P
ClientSampleId :

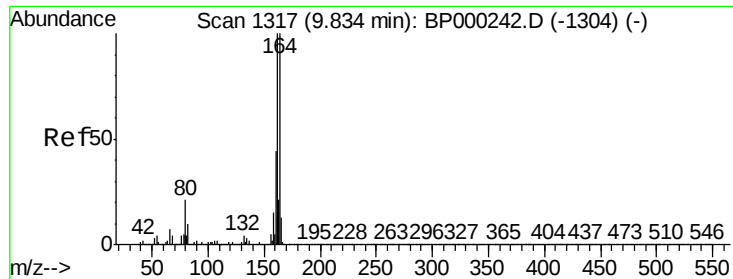
Tot Ion:142 Resp: 504
Ion Ratio Lower Upper
142 100
141 141.1 71.3 106.9#
115 89.0 27.2 40.8#



#38
1-Methylnaphthalene
Concen: 0.014 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:142 Resp: 467
Ion Ratio Lower Upper
142 100
141 104.7 73.9 110.9
116 23.5 3.0 4.6#

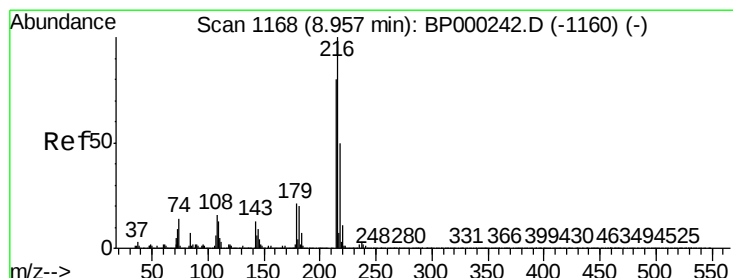
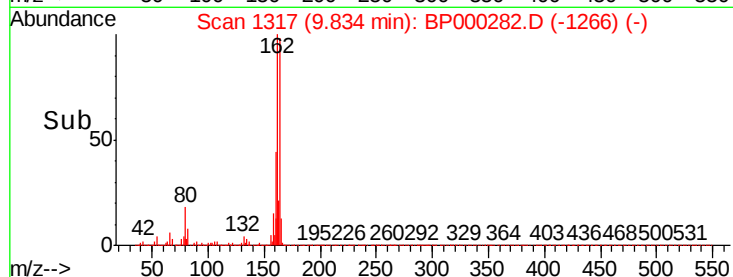
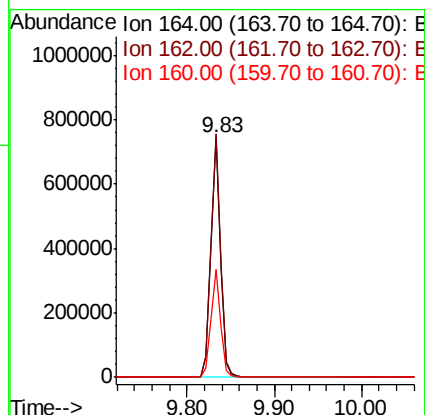
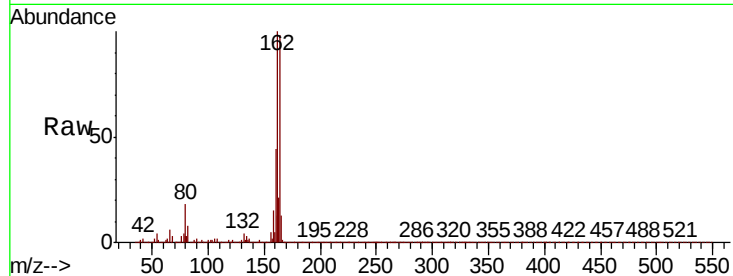




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

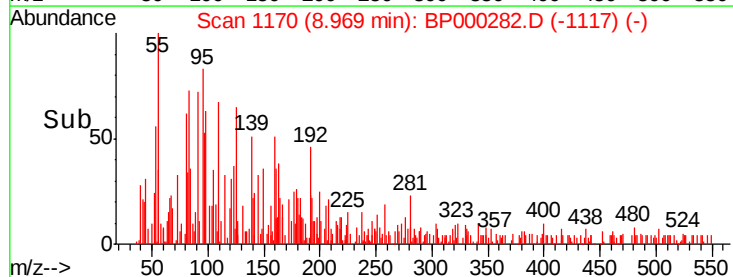
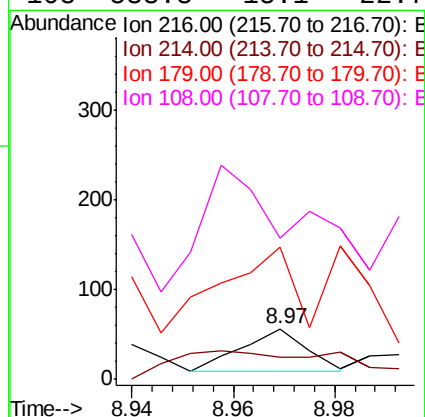
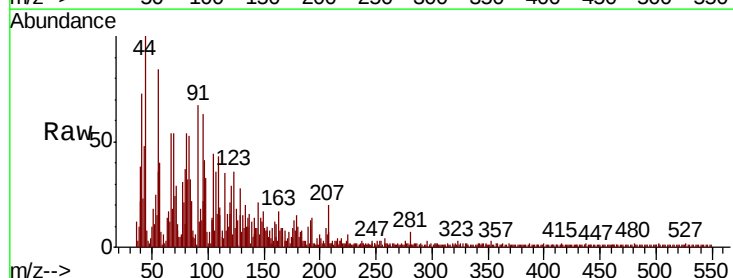
Instrument :
BNA_P
ClientSampleId :

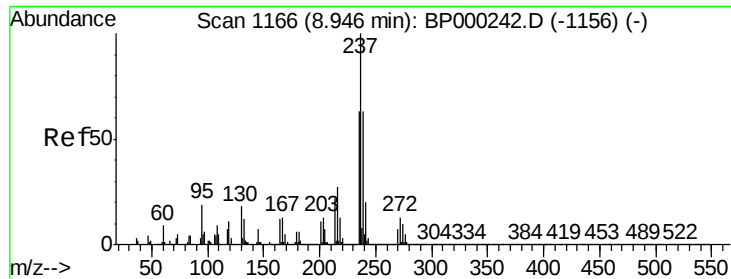
Tot Ion:164 Resp: 575729
Ion Ratio Lower Upper
164 100
162 101.7 79.9 119.9
160 45.1 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 0.003 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:216 Resp: 42
Ion Ratio Lower Upper
216 100
214 176.2 63.6 95.4#
179 219.0 17.0 25.4#
108 533.3 15.1 22.7#





#41

Hexachlorocyclopentadiene

Concen: 0.005 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.09 min

Lab File: BP000282.D

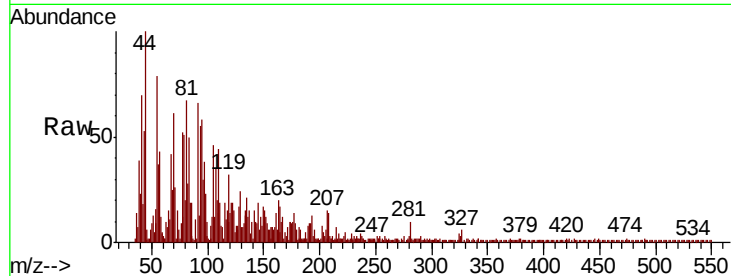
Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

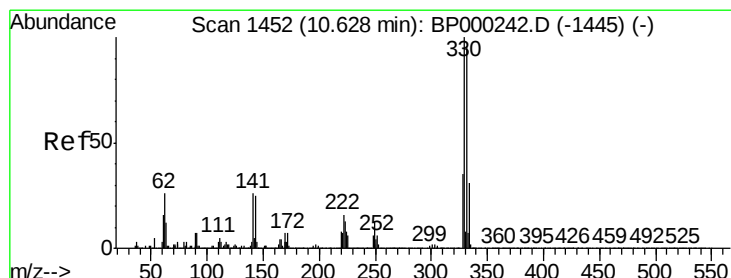
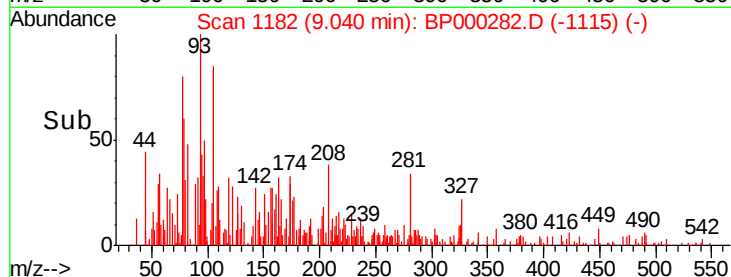
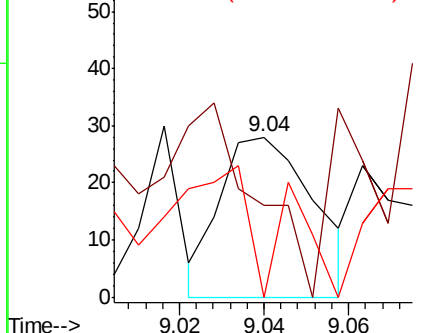
Tot Ion:	237	Resp:	43
Ion	Ratio	Lower	Upper
237	100		
235	57.1	43.5	83.5
272	0.0	0.0	33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 1.621 ng

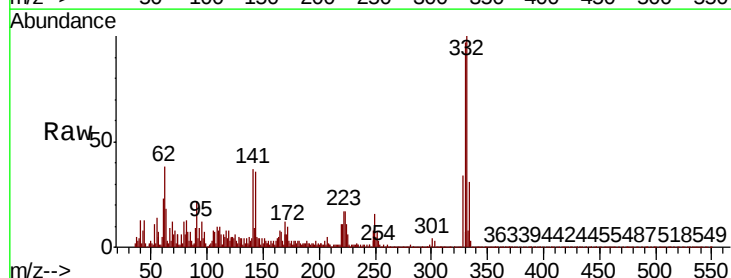
RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

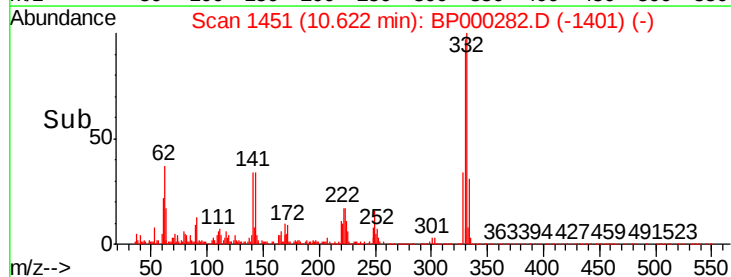
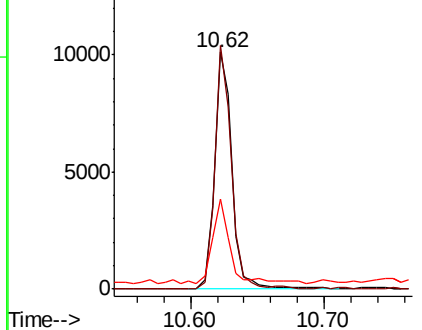
Tgt Ion:	330	Resp:	9258
Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	33.0	26.5	39.7

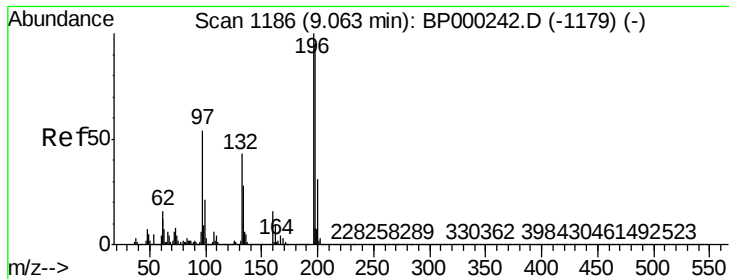


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 0.007 ng

RT: 9.08 min Scan# 1188

Delta R.T. 0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

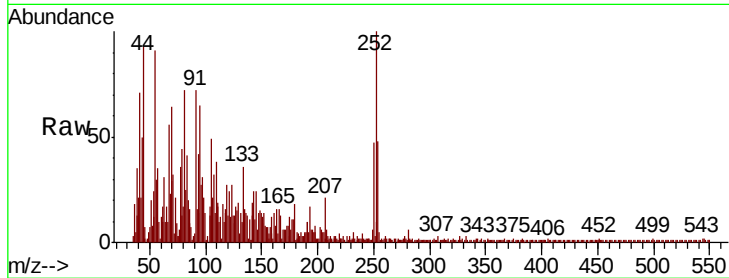
Tot Ion:196 Resp: 82

Ion Ratio Lower Upper

196 100

198 130.6 76.0 114.0#

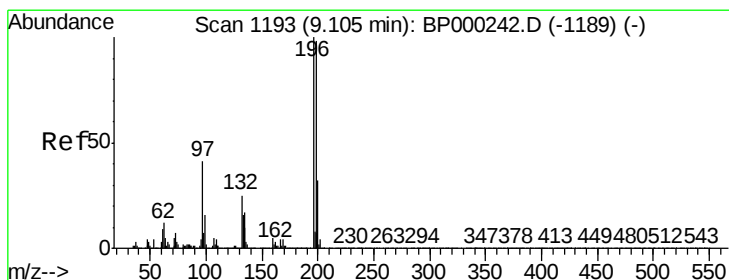
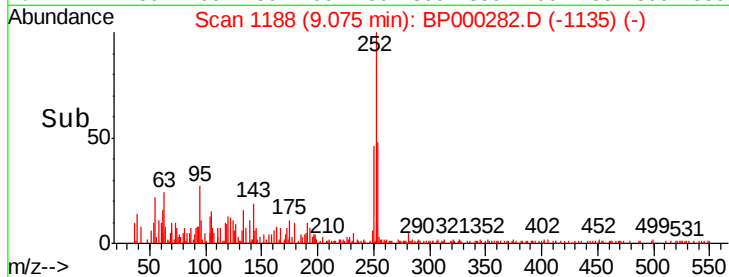
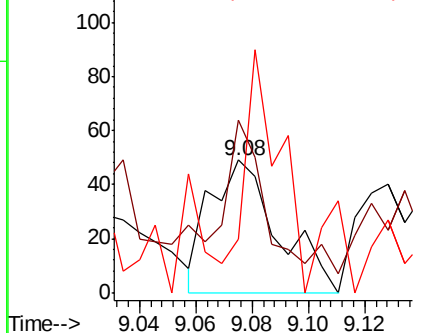
200 40.8 24.6 37.0#



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 0.007 ng

RT: 9.13 min Scan# 1197

Delta R.T. 0.02 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Tgt Ion:196 Resp: 79

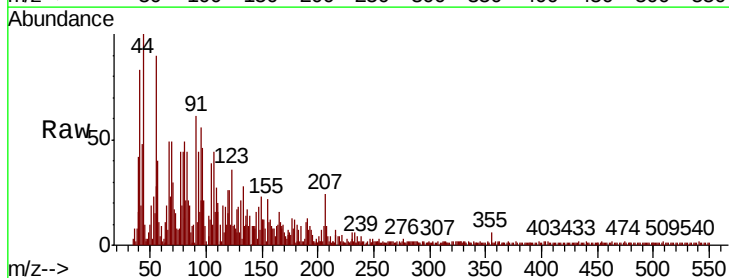
Ion Ratio Lower Upper

196 100

198 57.5 78.1 117.1#

97 1130.0 33.3 49.9#

132 82.5 20.0 30.0#

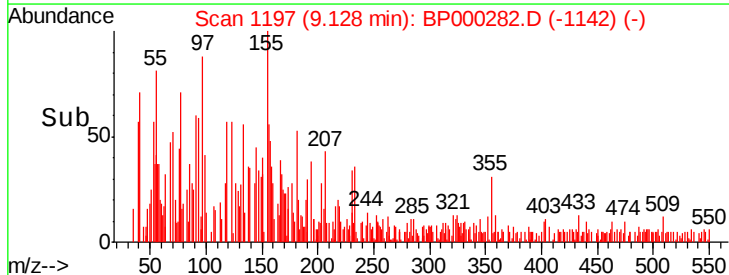
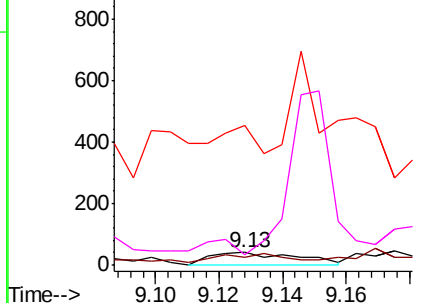


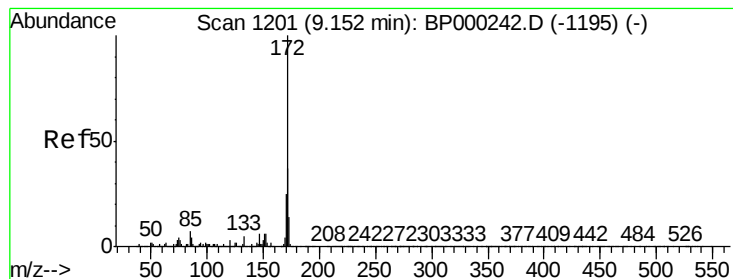
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BPO

Ion 132.00 (131.70 to 132.70): E

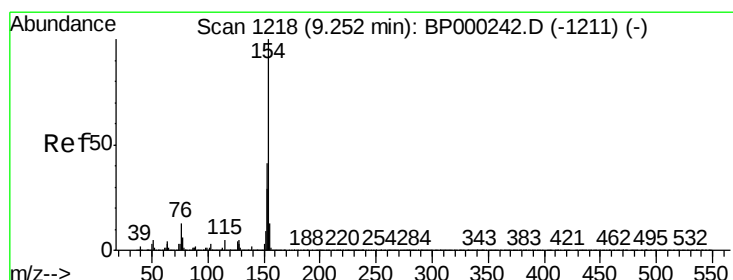
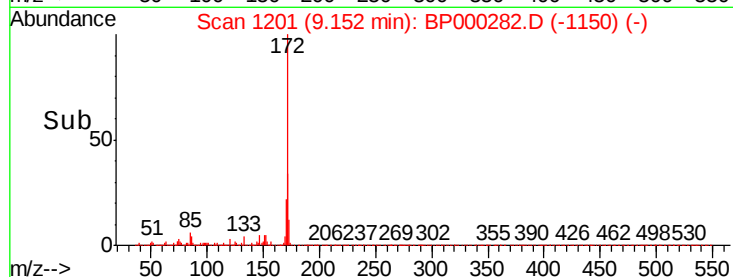
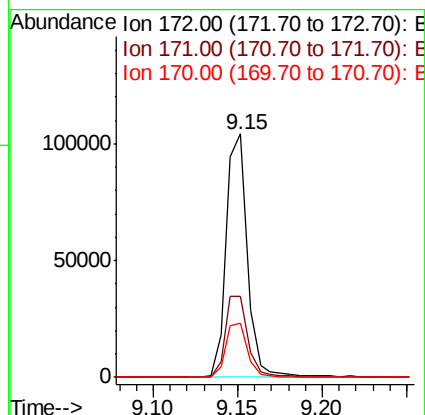
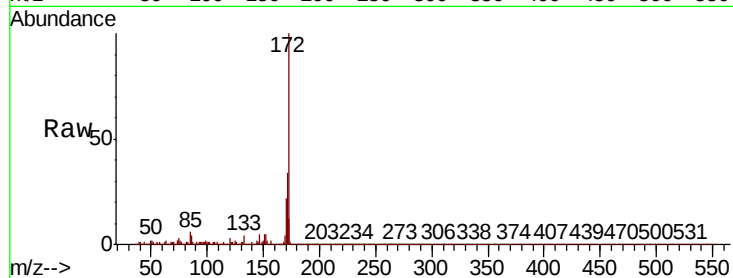




#45
2-Fluorobiphenyl
Concen: 2.883 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

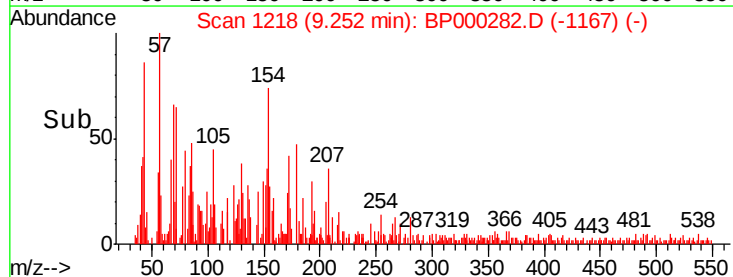
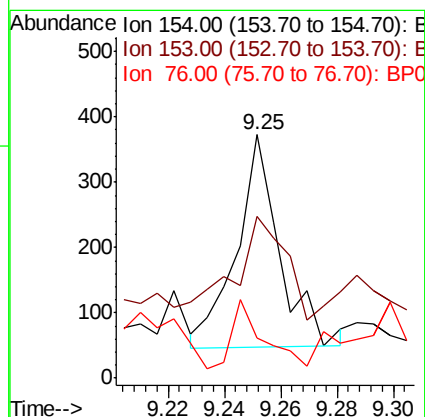
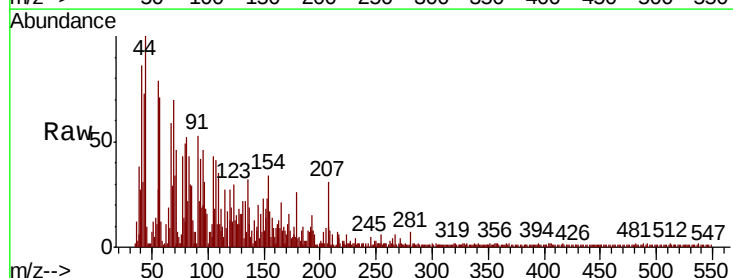
Instrument :
BNA_P
ClientSampleId :

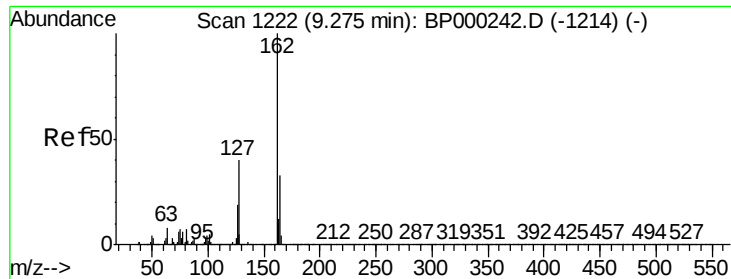
Tot Ion	Ratio	Lower	Upper
172	100		
171	33.5	29.8	44.6
170	22.0	19.8	29.6



#46
1,1'-Biphenyl
Concen: 0.009 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	66.5	21.4	61.4#
76	16.4	0.0	33.4





#47

2-Chloronaphthalene

Concen: 0.001 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

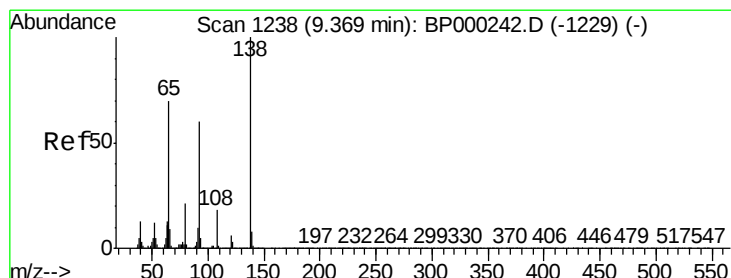
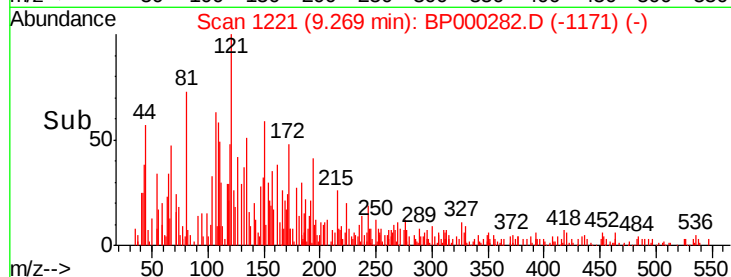
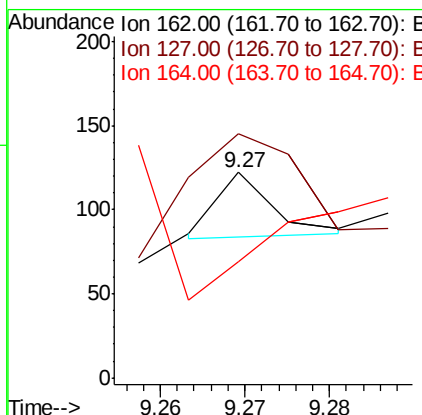
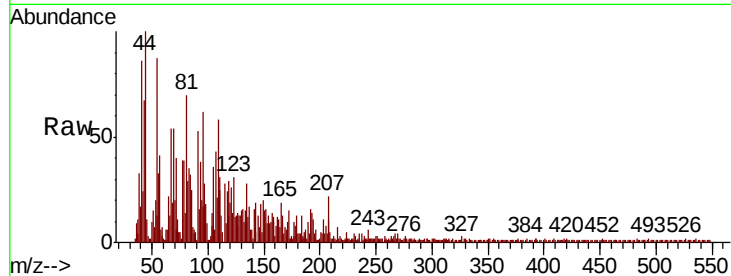
Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :
BNA_P
ClientSampled :

Tot Ion:162 Resp: 18

Ion	Ratio	Lower	Upper
162	100		
127	118.9	32.4	48.6#
164	56.6	26.3	39.5#



#48

2-Nitroaniline

Concen: 0.011 ng

RT: 9.36 min Scan# 1237

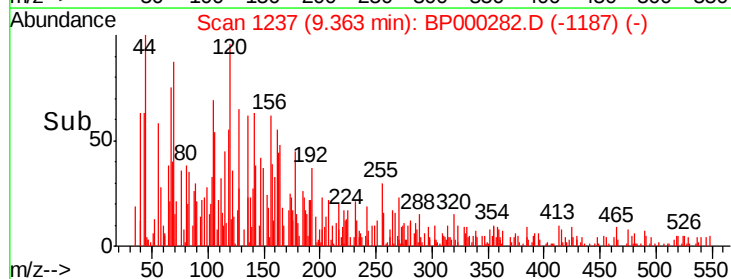
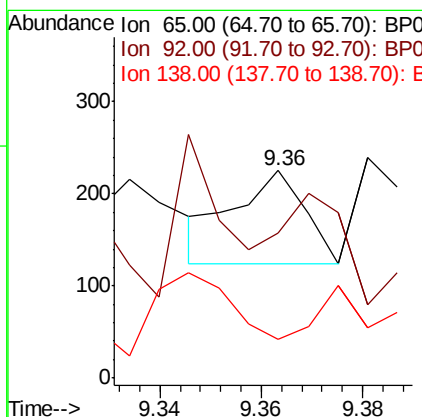
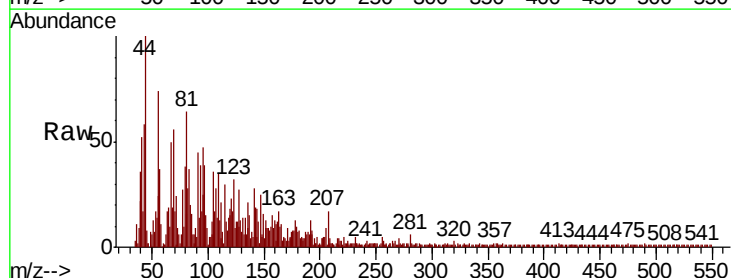
Delta R.T. -0.01 min

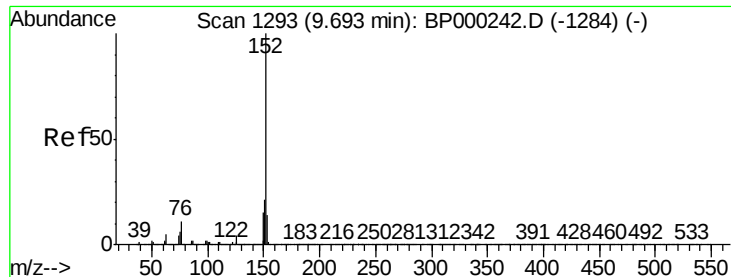
Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Tgt Ion: 65 Resp: 97

Ion	Ratio	Lower	Upper
65	100		
92	70.2	68.7	103.1
138	18.7	114.4	171.6#





#49

Acenaphthylene

Concen: 0.138 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

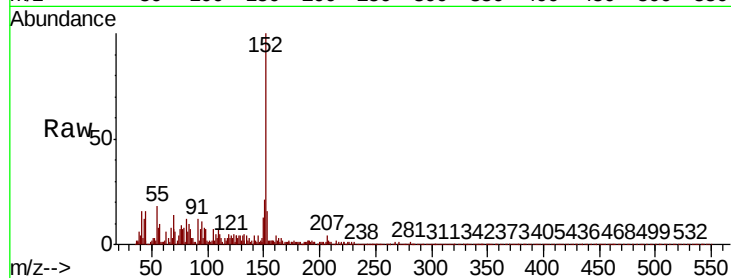
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 6915

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.4	24.6
153	16.0	11.0	16.4

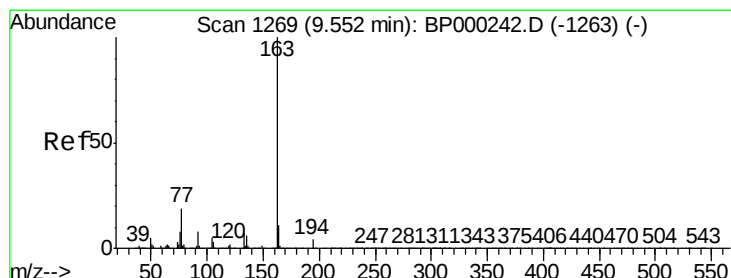
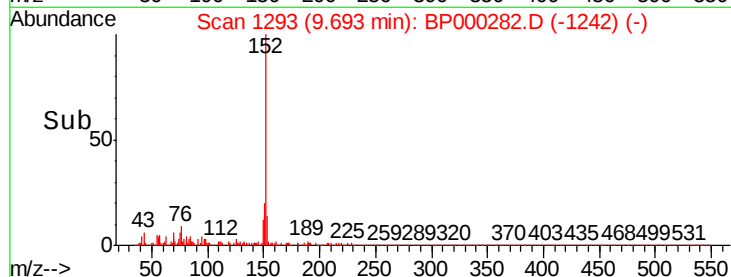
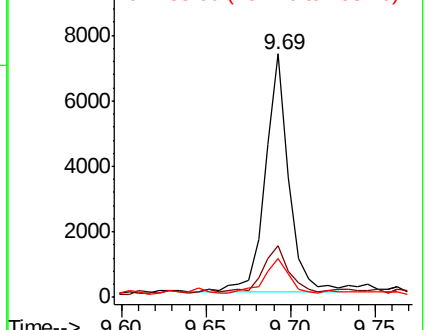


Abundance

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: 0.186 ng

RT: 9.55 min Scan# 1268

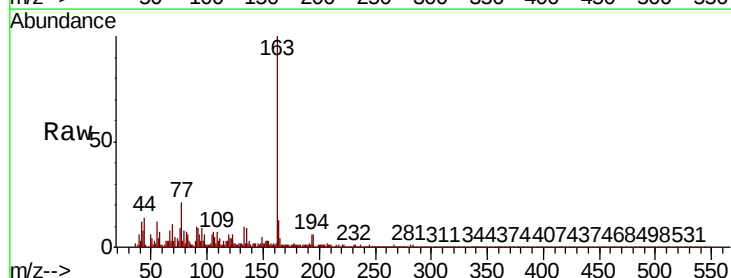
Delta R.T. -0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Tgt Ion:163 Resp: 7286

Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.4	5.0#
164	12.6	8.5	12.7

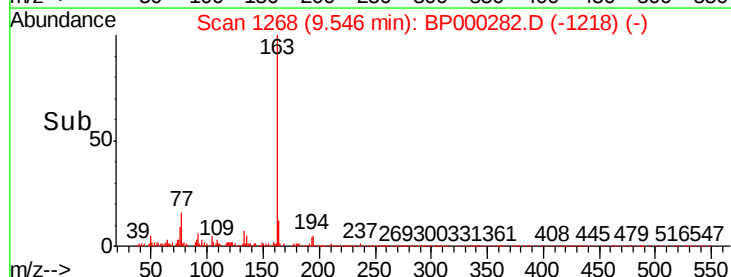
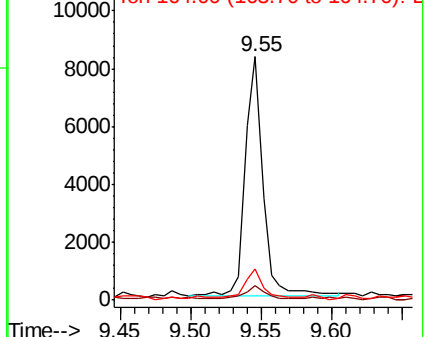


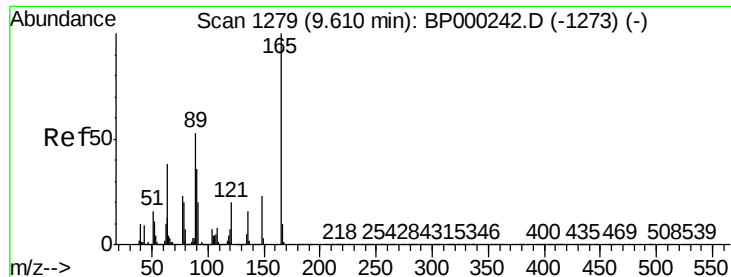
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

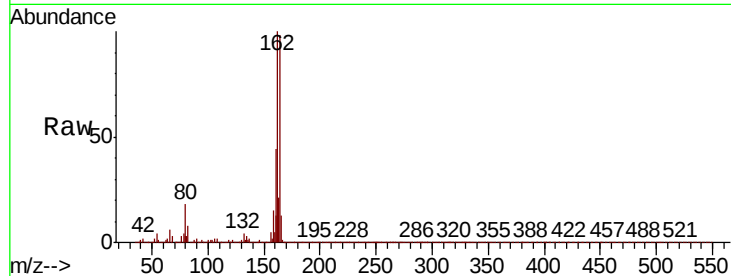




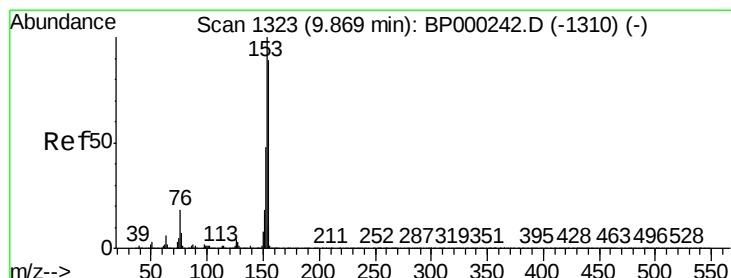
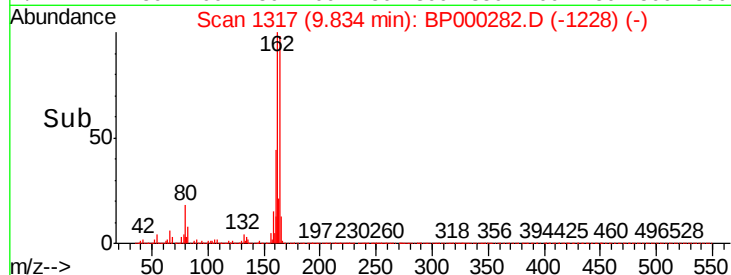
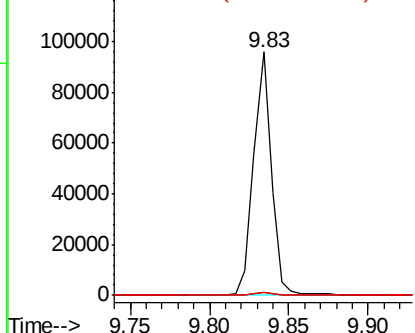
#51
 2,6-Dinitrotoluene
 Concen: 8.636 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.22 min
 Lab File: BP000282.D
 Acq: 17 Sep 2019 19:02

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.8	53.8#
89	1.3	42.6	63.8#

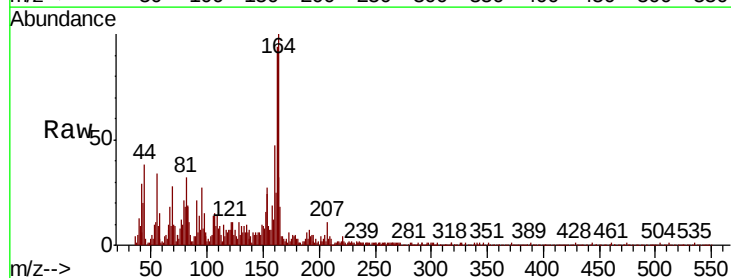


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BP0
 Ion 89.00 (88.70 to 89.70): BP0

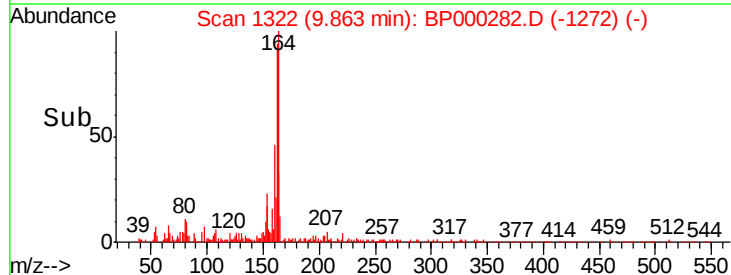
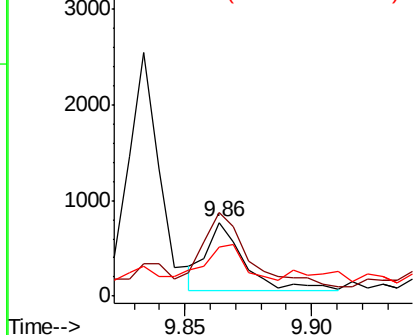


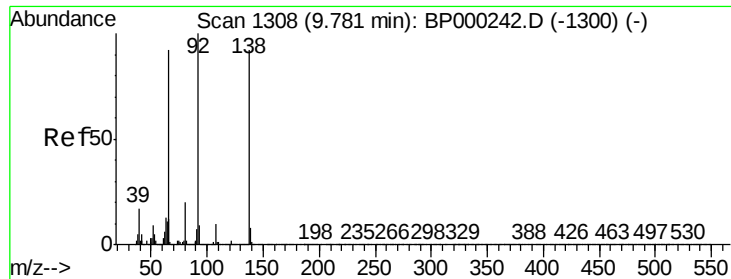
#52
 Acenaphthene
 Concen: 0.023 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BP000282.D
 Acq: 17 Sep 2019 19:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.8	134.6
152	66.4	43.4	65.0#



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

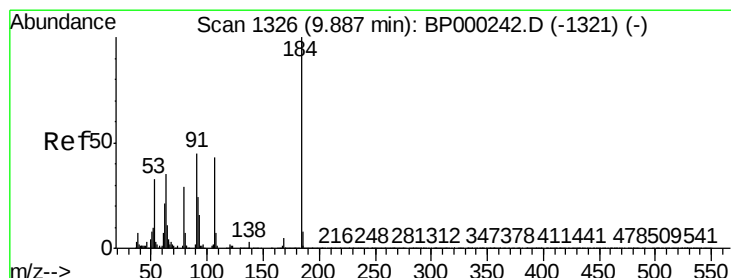
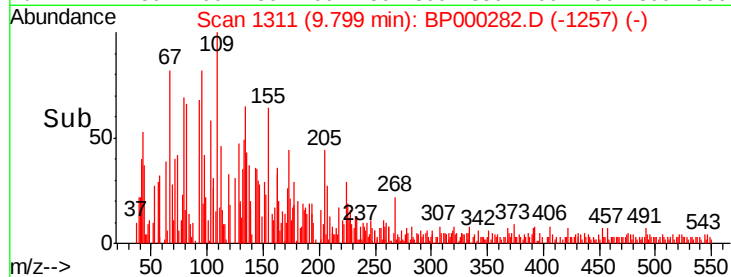
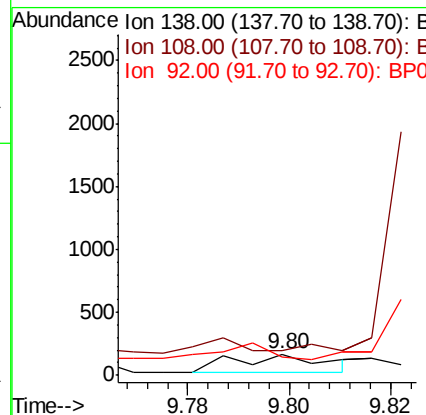
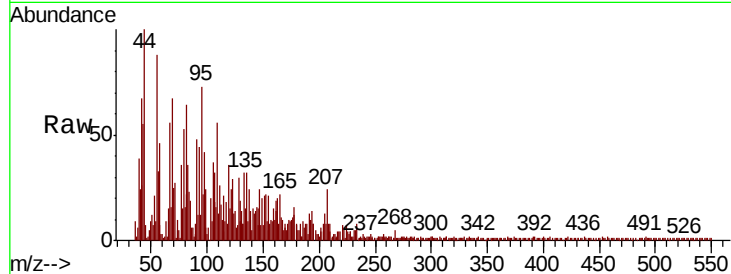




#53
3-Nitroaniline
Concen: 0.018 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.02 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

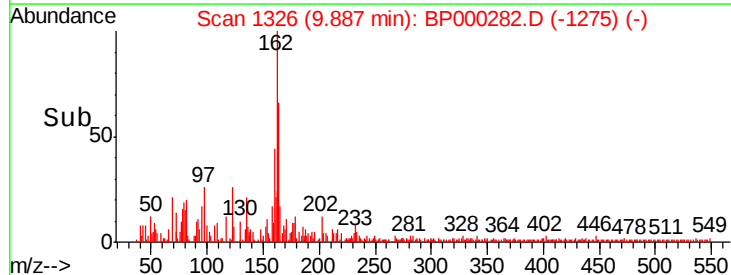
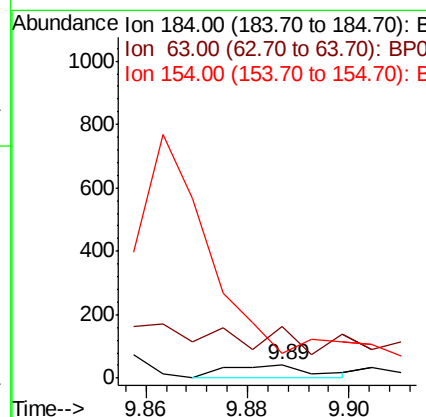
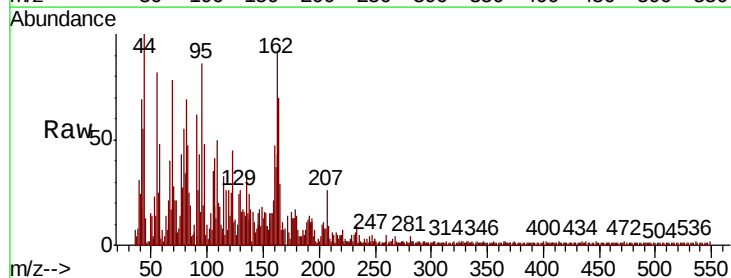
Instrument :
BNA_P
ClientSampleId :

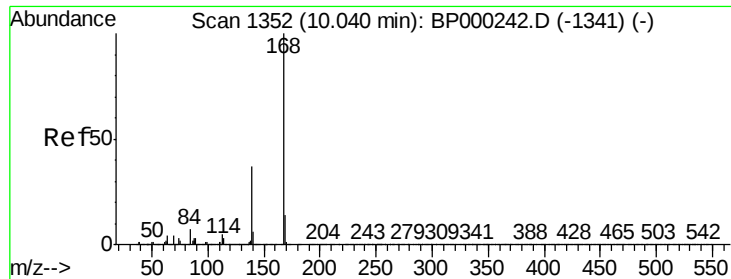
Tot Ion:138 Resp: 179
Ion Ratio Lower Upper
138 100
108 113.5 9.1 13.7#
92 87.1 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 0.012 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:184 Resp: 44
Ion Ratio Lower Upper
184 100
63 374.4 39.5 59.3#
154 186.0 48.8 73.2#





#55

Dibenzofuran

Concen: 0.010 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampled :

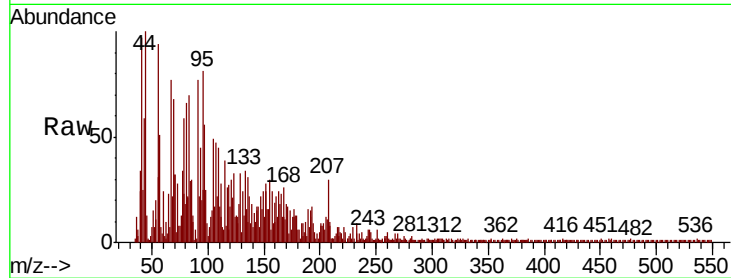
Tot Ion:168 Resp: 458

Ion Ratio Lower Upper

168 100

139 66.9 30.0 45.0#

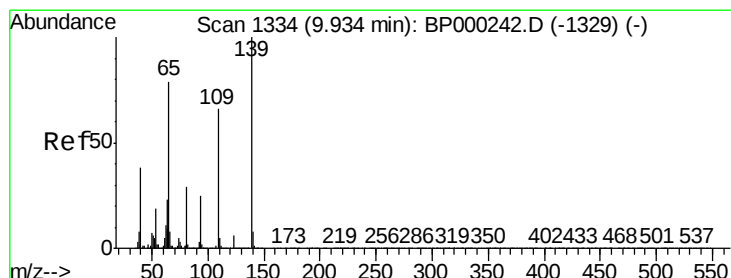
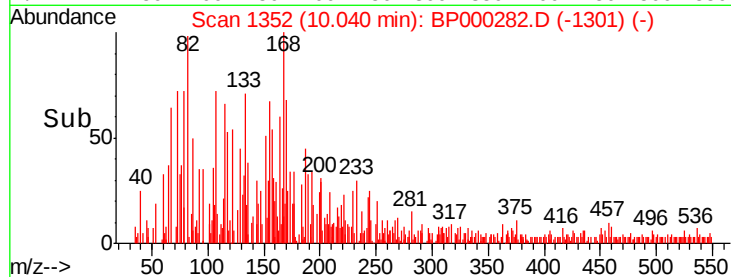
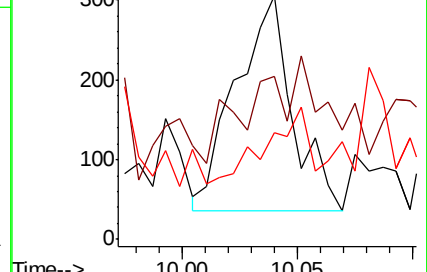
169 43.6 11.0 16.6#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.006 ng

RT: 9.95 min Scan# 1336

Delta R.T. 0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

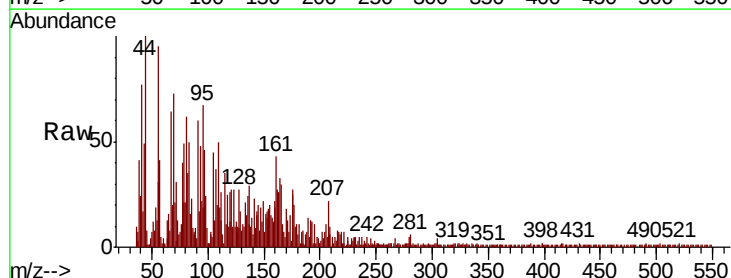
Tgt Ion:139 Resp: 46

Ion Ratio Lower Upper

139 100

109 369.6 46.2 86.2#

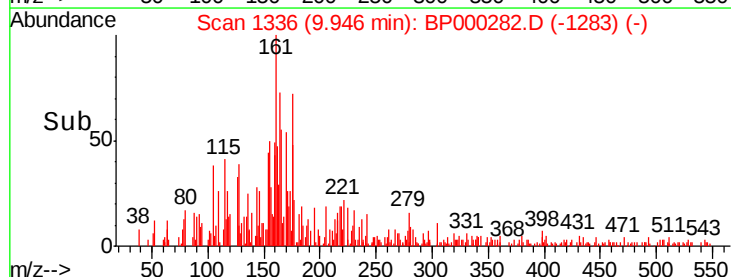
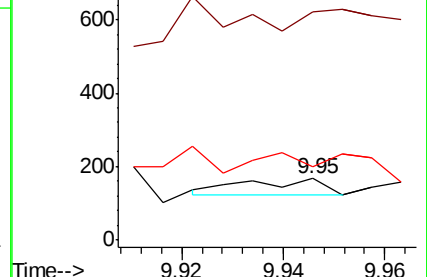
65 117.9 59.4 99.4#

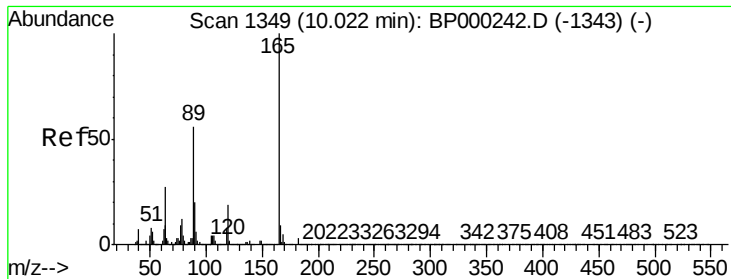


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

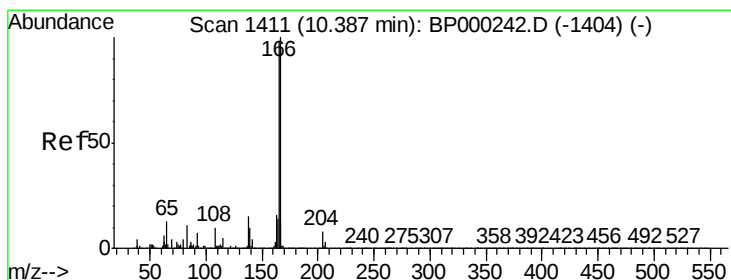
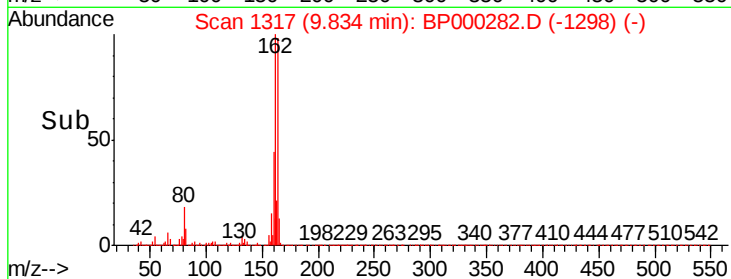
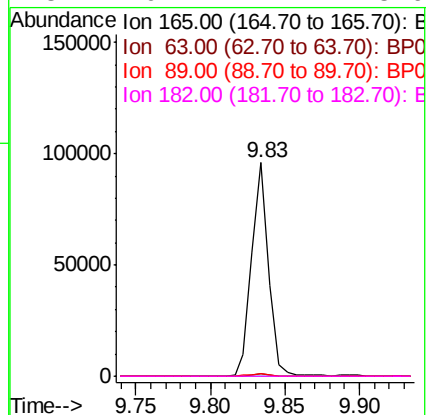
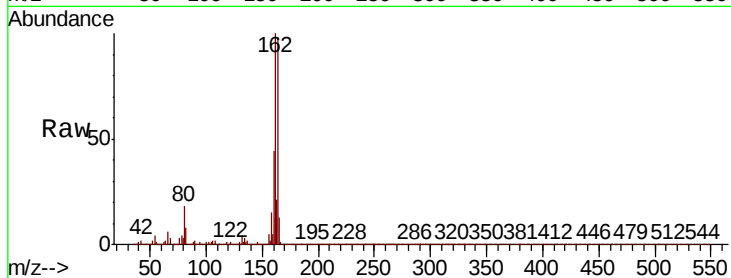




#57
2,4-Dinitrotoluene
Concen: 6.612 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

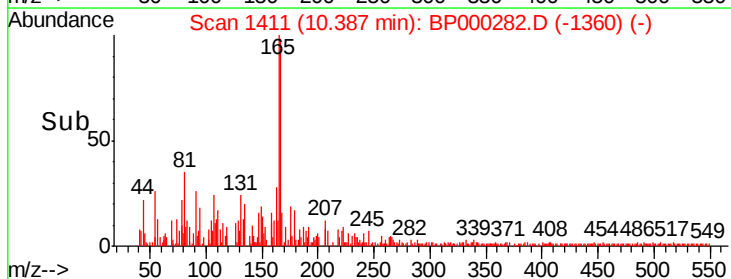
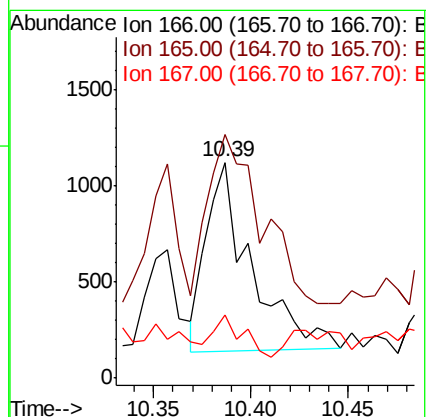
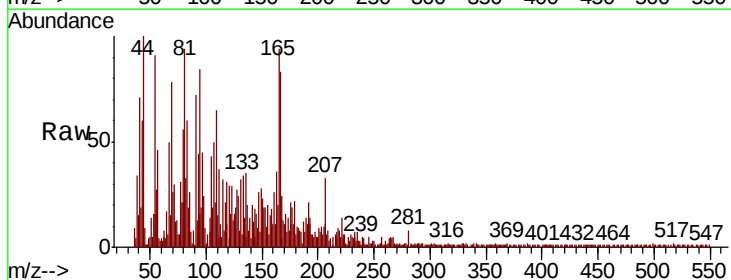
Instrument :
BNA_P
ClientSampleId :

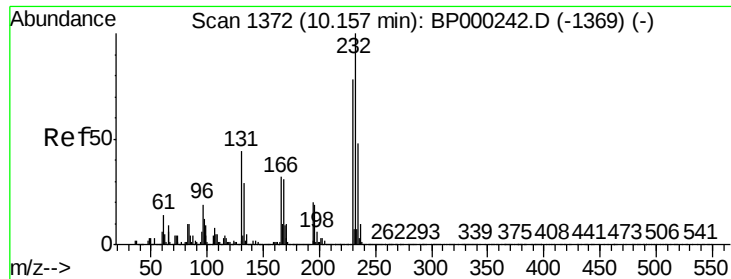
Tot Ion:165 Resp: 74552
Ion Ratio Lower Upper
165 100
63 1.1 21.7 32.5#
89 1.3 45.0 67.6#
182 0.1 2.4 3.6#



#58
Fluorene
Concen: 0.045 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:166 Resp: 1570
Ion Ratio Lower Upper
166 100
165 112.8 78.2 117.2
167 29.4 10.7 16.1#

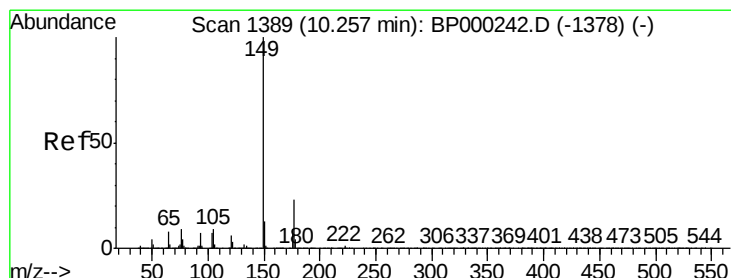
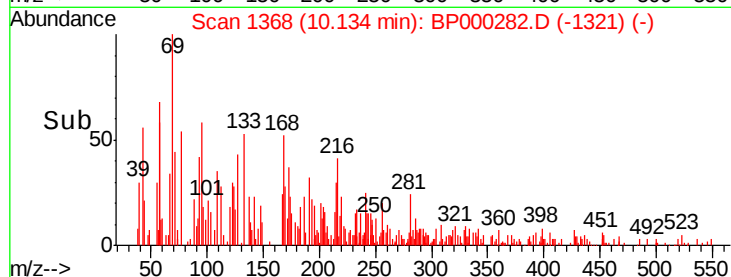
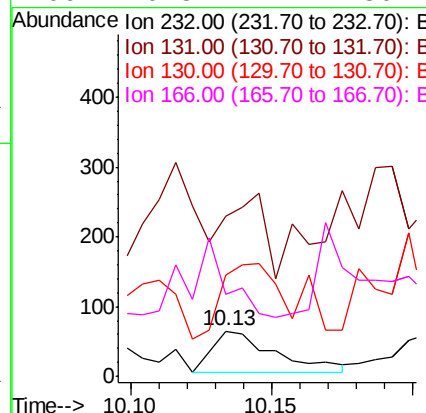
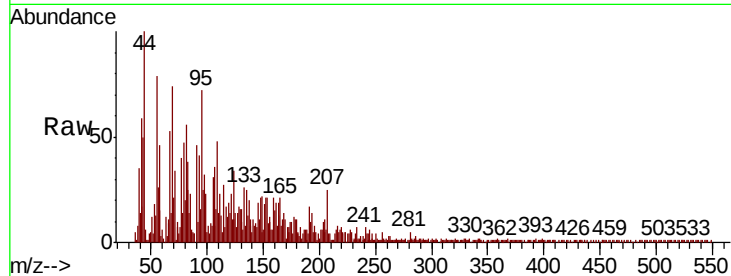




#59
2,3,4,6-Tetrachlorophenol
Concen: 0.009 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

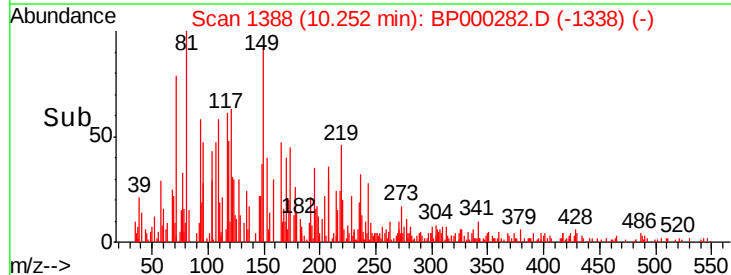
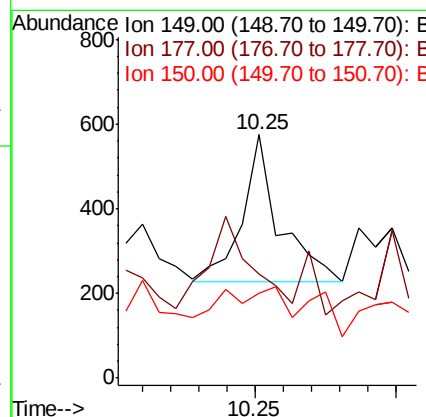
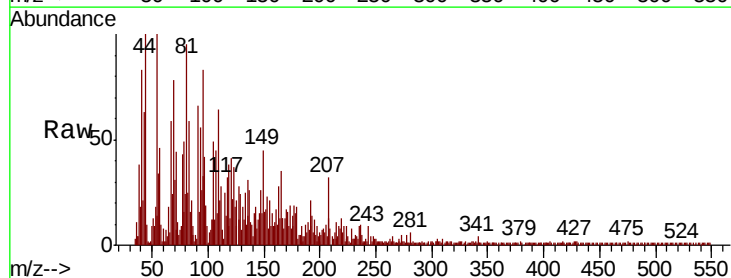
Instrument :
BNA_P
ClientSampled :

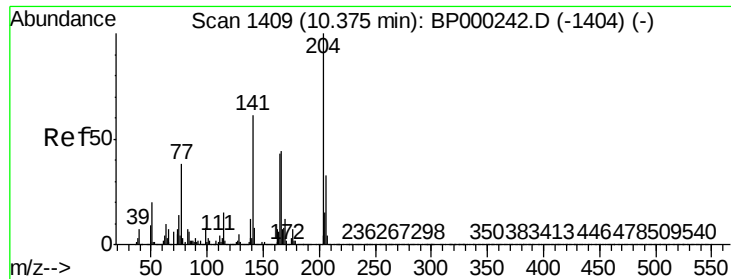
Tot Ion	Ion	Ratio	Lower	Upper
232	100			
131	122.0	33.6	50.4#	
130	204.4	1.8	2.6#	
166	119.8	24.2	36.2#	



#60
Diethylphthalate
Concen: 0.008 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
177	42.6	18.1	27.1#	
150	35.0	10.3	15.5#	

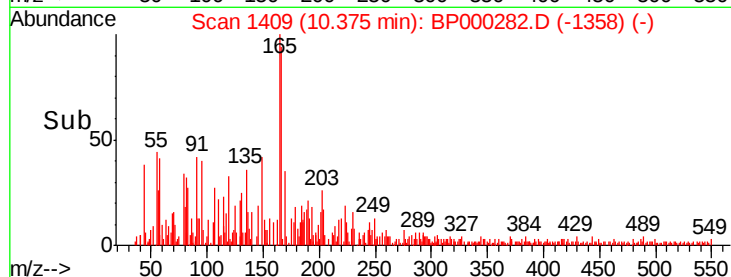
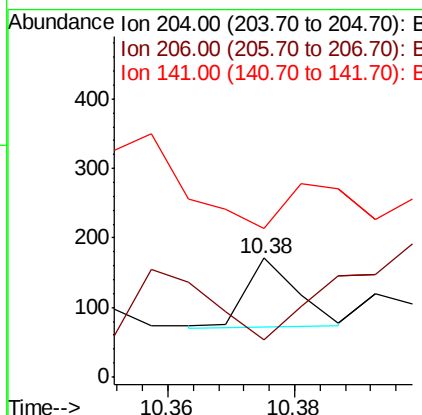
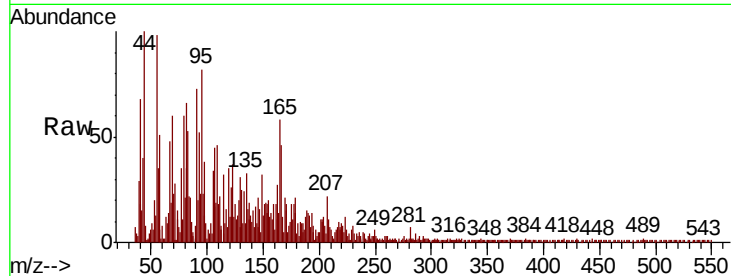




#61
4-Chlorophenyl-phenylether
Concen: 0.003 ng
RT: 10.38 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

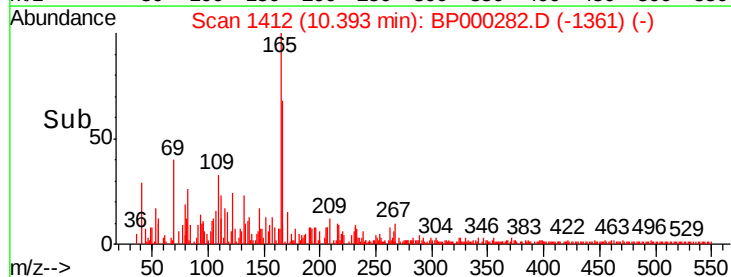
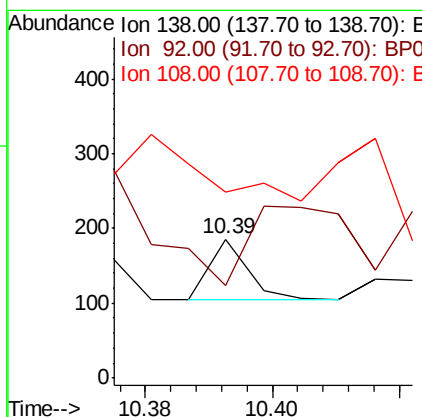
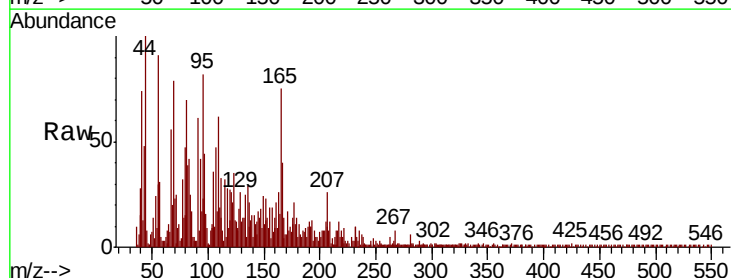
Instrument :
BNA_P
ClientSampled :

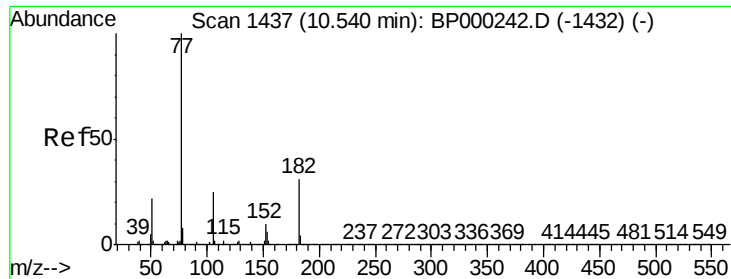
Tot Ion:204 Resp: 55
Ion Ratio Lower Upper
204 100
206 31.0 26.3 39.5
141 125.1 48.6 72.8#



#62
4-Nitroaniline
Concen: 0.003 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:138 Resp: 34
Ion Ratio Lower Upper
138 100
92 66.1 30.1 70.1
108 133.9 49.5 89.5#

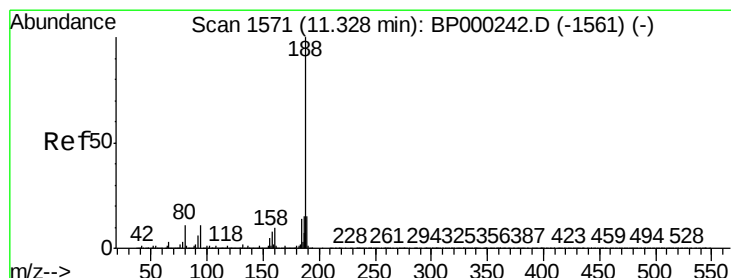
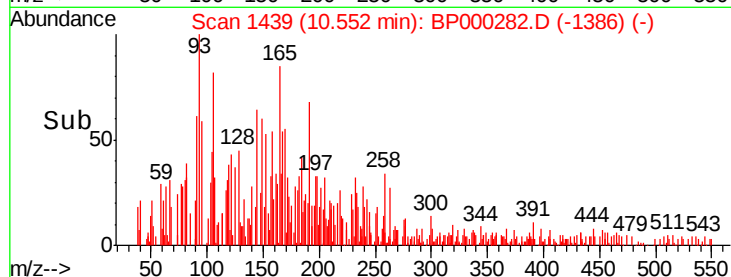
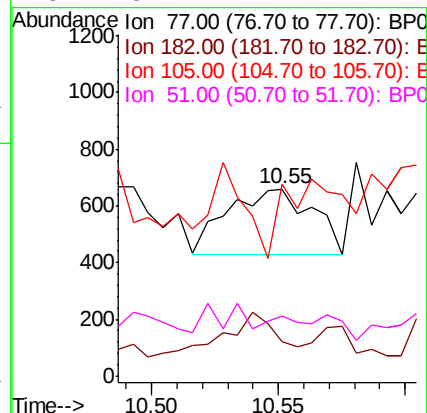
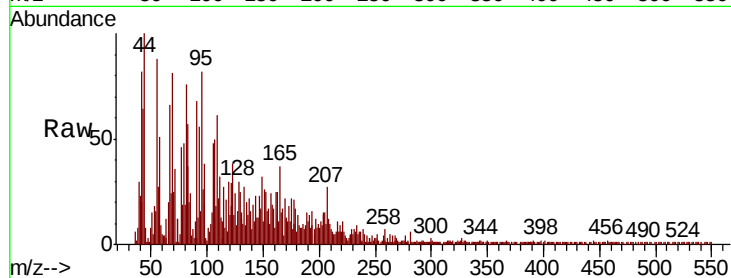




#63
Azobenzene
Concen: 0.017 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

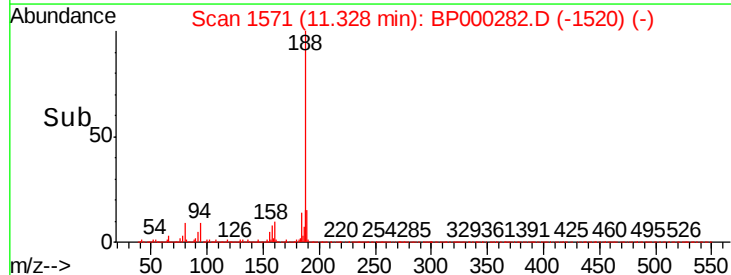
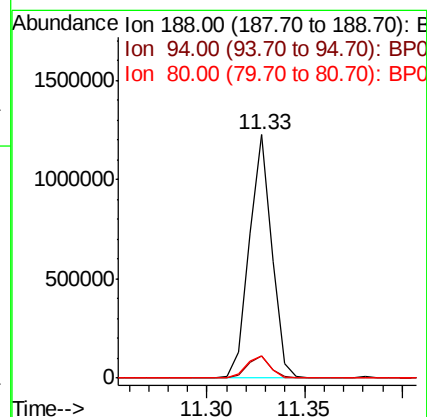
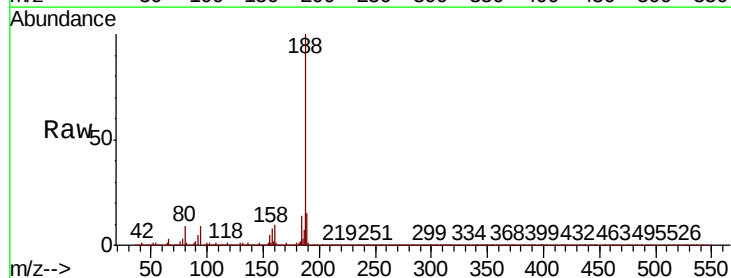
Instrument :
BNA_P
ClientSampled :

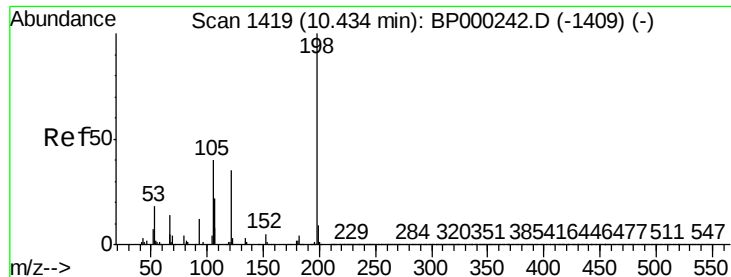
Tot Ion:	77	Resp:	536
Ion	Ratio	Lower	Upper
77	100		
182	18.3	11.1	51.1
105	102.7	4.7	44.7#
51	32.1	2.2	42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:	188	Resp:	978968
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	9.3	8.6	13.0

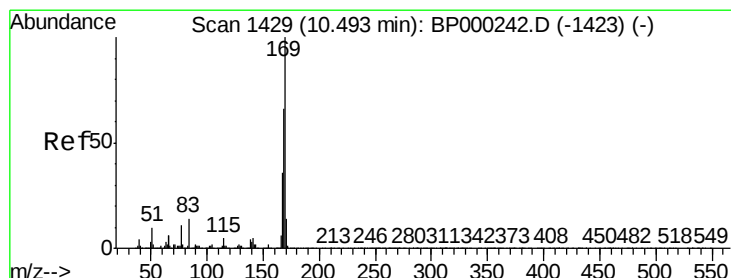
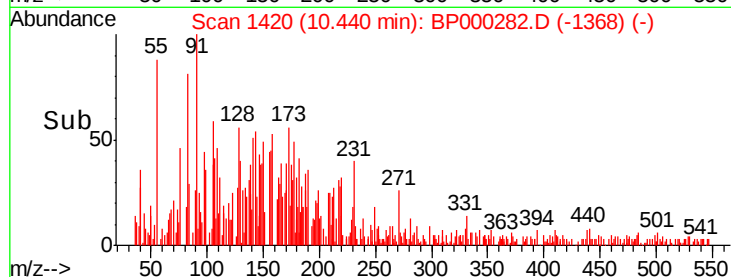
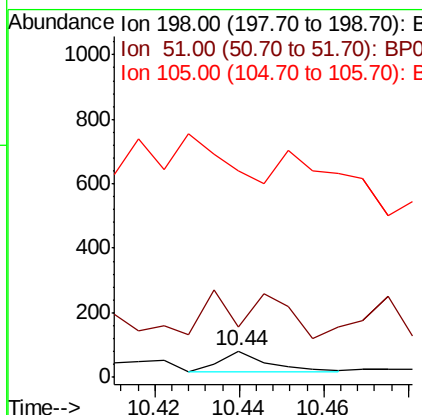
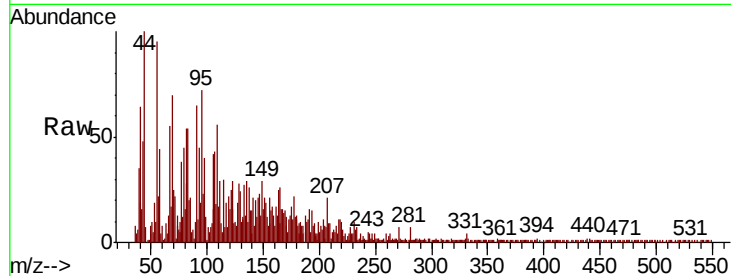




#65
4,6-Dinitro-2-methylphenol
Concen: 0.012 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

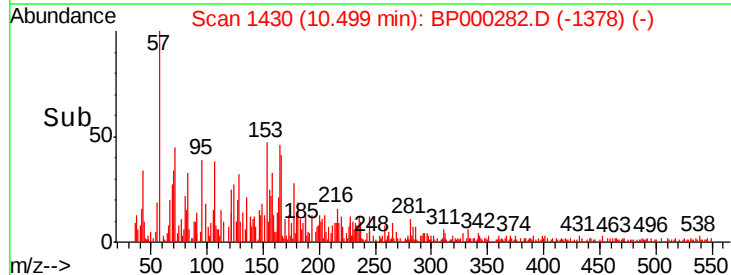
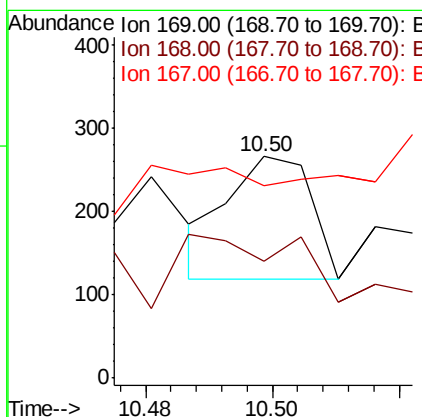
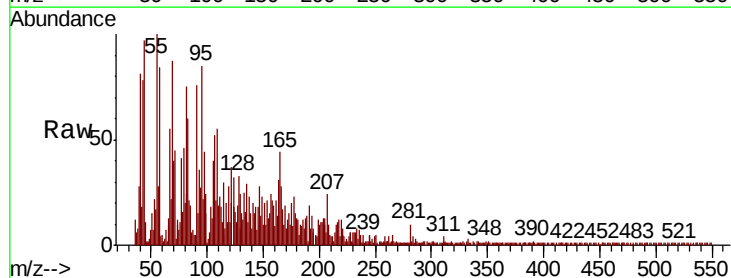
Instrument :
BNA_P
ClientSampled :

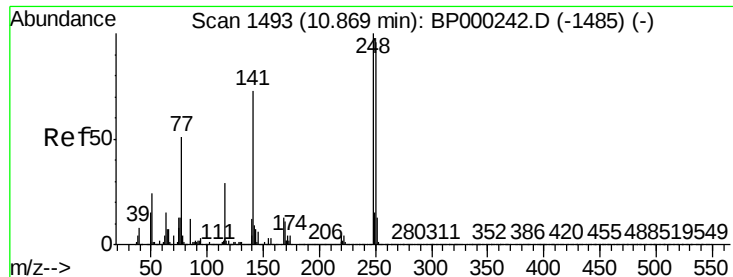
Tot Ion:198 Resp: 53
Ion Ratio Lower Upper
198 100
51 190.1 7.4 47.4#
105 790.1 20.2 60.2#



#66
n-Nitrosodiphenylamine
Concen: 0.004 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:169 Resp: 132
Ion Ratio Lower Upper
169 100
168 52.6 52.9 79.3#
167 86.8 29.0 43.6#

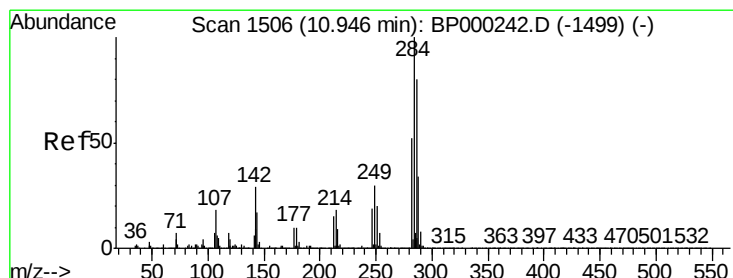
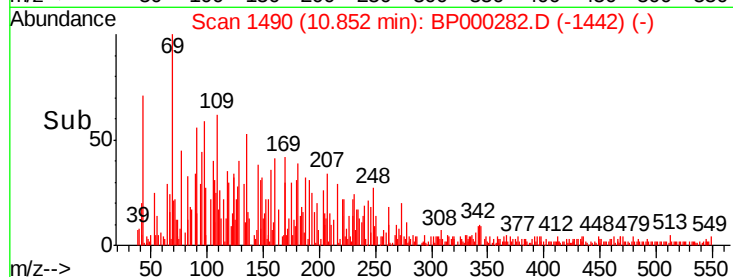
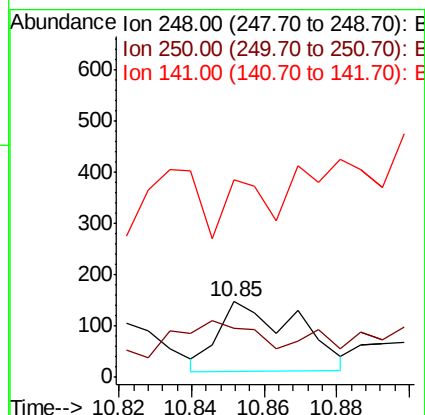
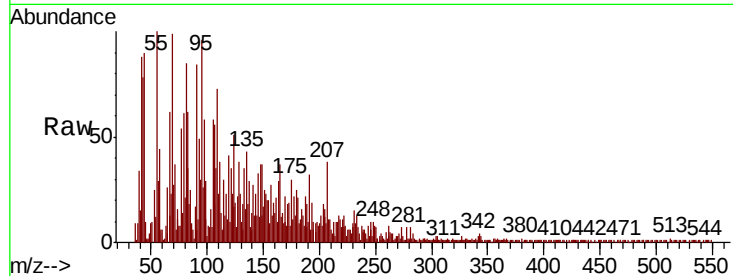




#67
4-Bromophenyl-phenylether
Concen: 0.018 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.02 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

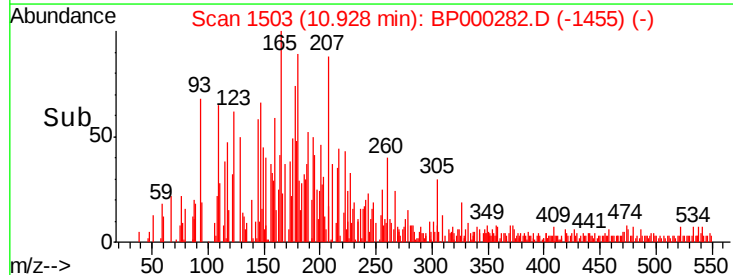
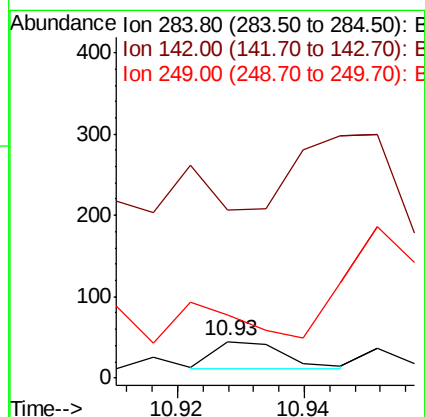
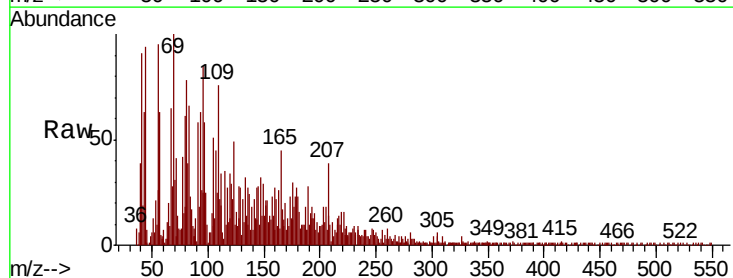
Instrument :
BNA_P
ClientSampleId :

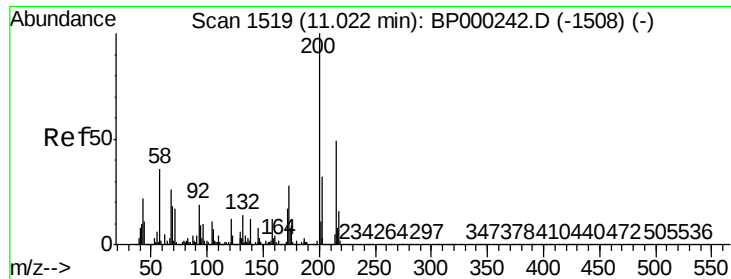
Tot Ion:248 Resp: 204
Ion Ratio Lower Upper
248 100
250 64.9 77.0 115.4#
141 260.8 58.5 87.7#



#68
Hexachlorobenzene
Concen: 0.002 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:284 Resp: 25
Ion Ratio Lower Upper
284 100
142 457.8 23.6 35.4#
249 171.1 24.3 36.5#

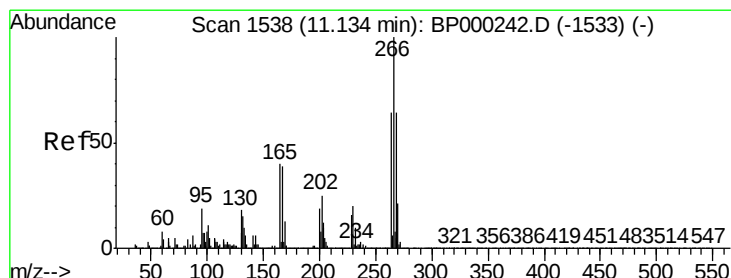
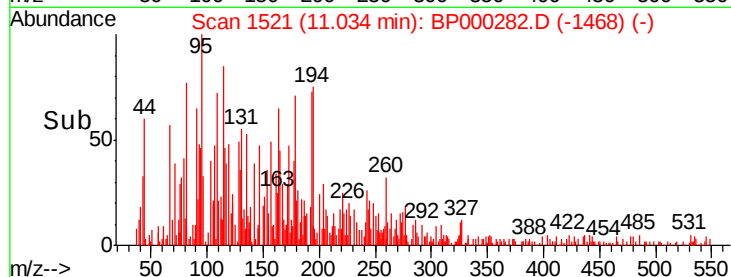
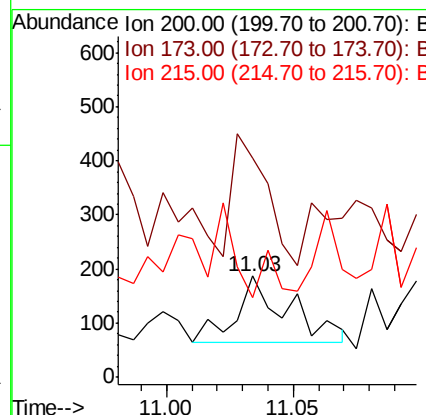
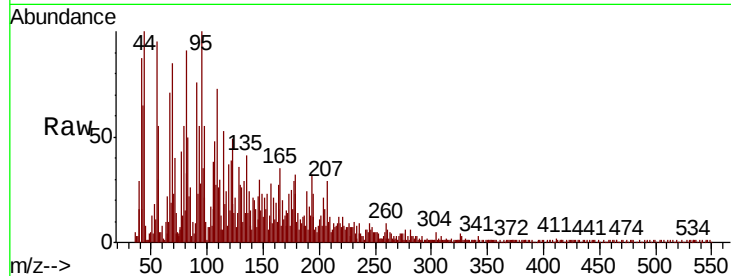




#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

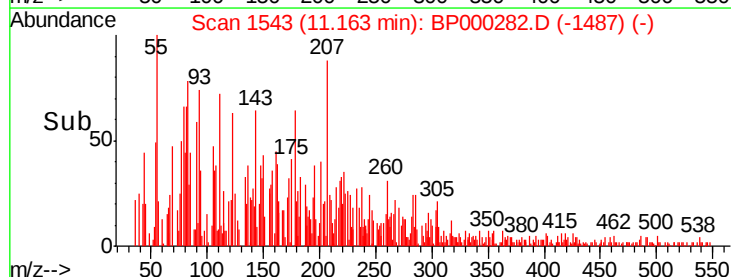
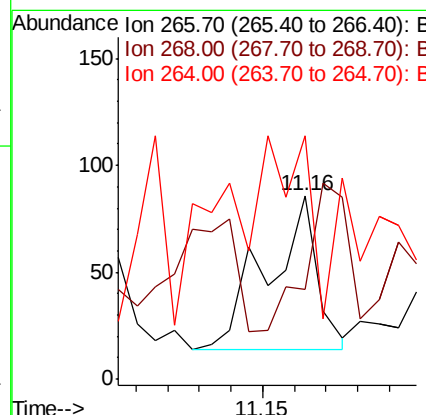
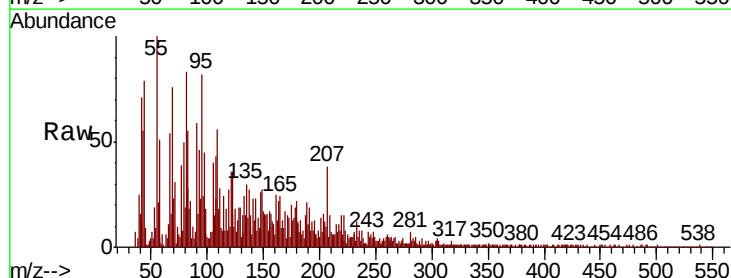
Instrument :
BNA_P
ClientSampleId :

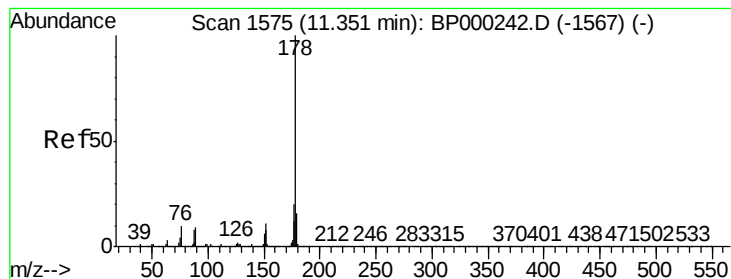
Tot Ion:200 Resp: 173
Ion Ratio Lower Upper
200 100
173 216.6 7.6 47.6#
215 78.6 28.6 68.6#



#70
Pentachlorophenol
Concen: 0.012 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.03 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:266 Resp: 78
Ion Ratio Lower Upper
266 100
268 48.8 51.6 77.4#
264 132.6 50.8 76.2#





#71

Phenanthrene

Concen: 0.058 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

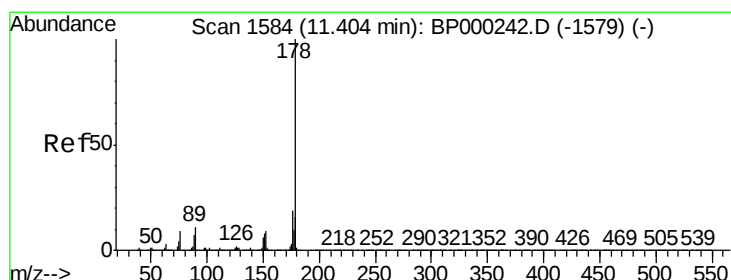
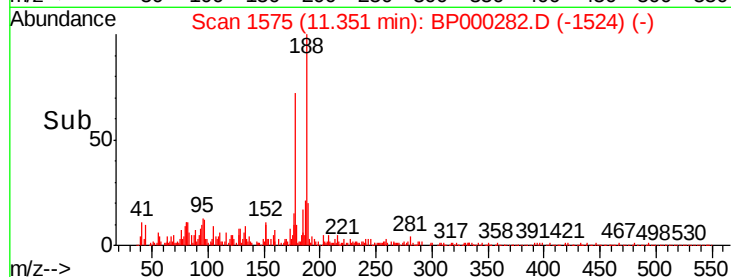
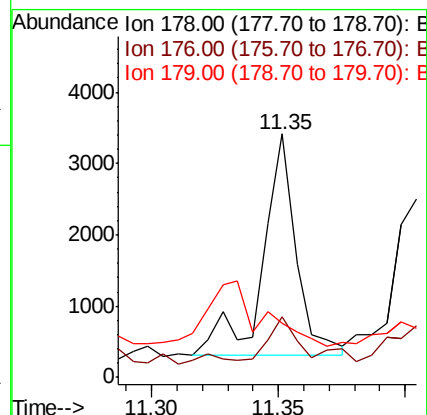
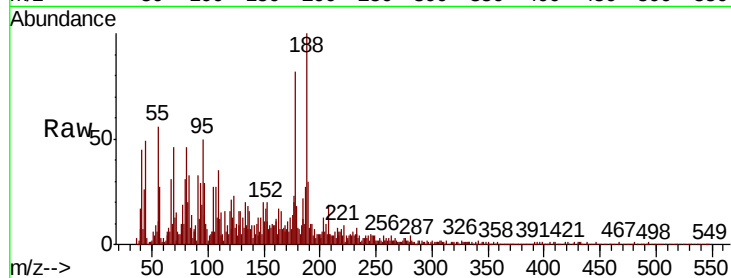
Tot Ion:178 Resp: 2853

Ion Ratio Lower Upper

178 100

176 24.6 15.8 23.8#

179 22.4 12.7 19.1#



#72

Anthracene

Concen: 0.042 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.00 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

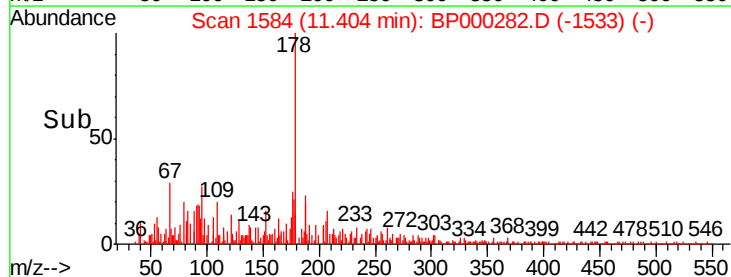
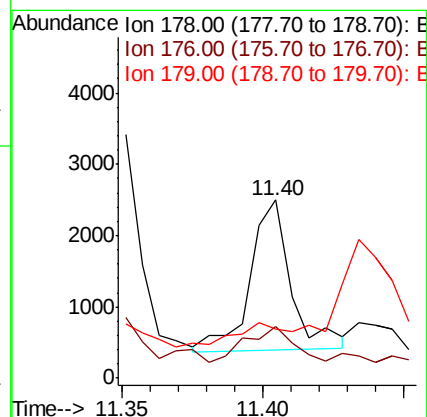
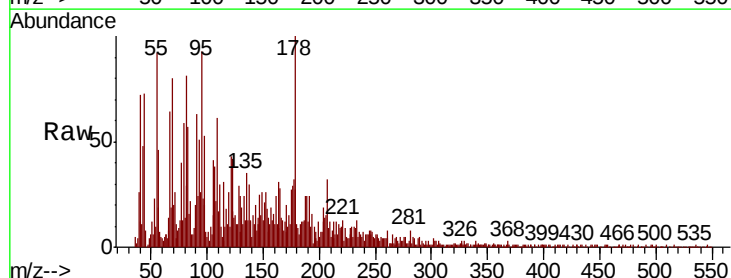
Tgt Ion:178 Resp: 2140

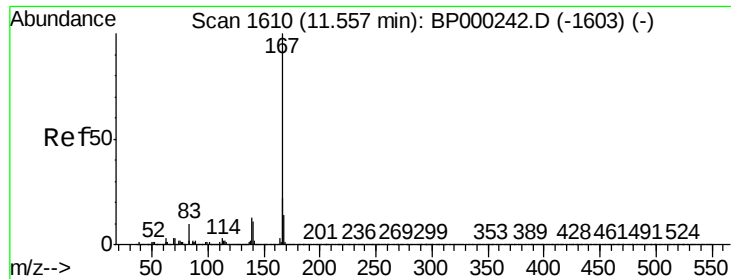
Ion Ratio Lower Upper

178 100

176 29.1 15.4 23.0#

179 27.3 12.7 19.1#

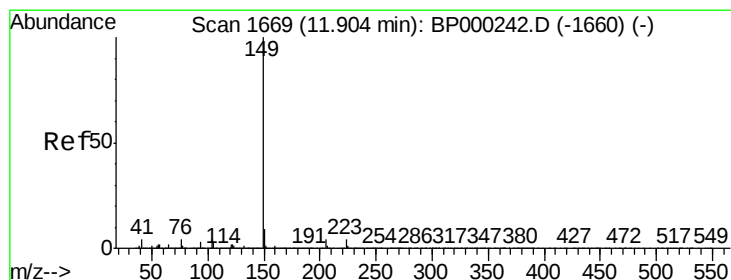
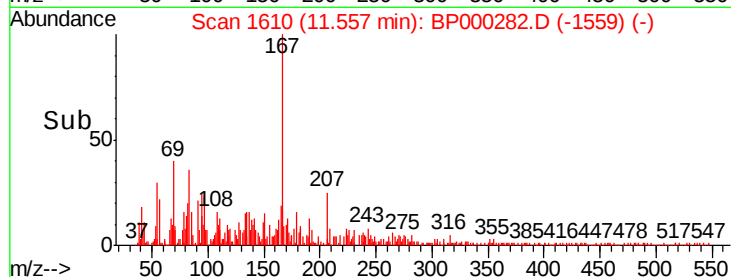
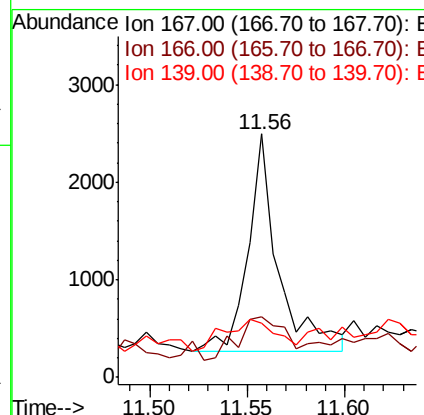
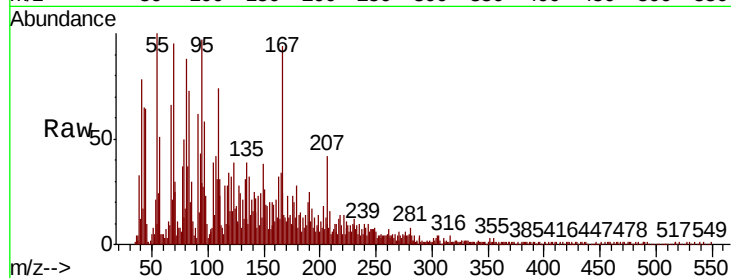




#73
 Carbazole
 Concen: 0.053 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BP000282.D
 Acq: 17 Sep 2019 19:02

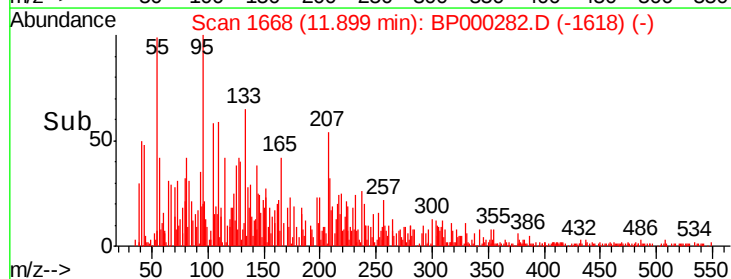
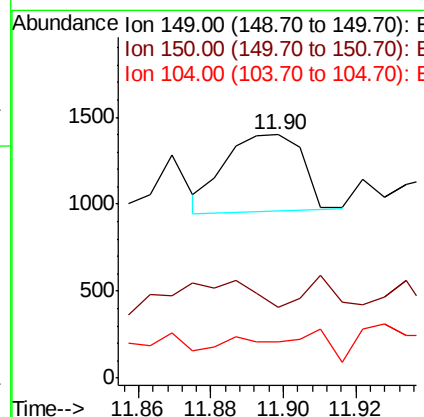
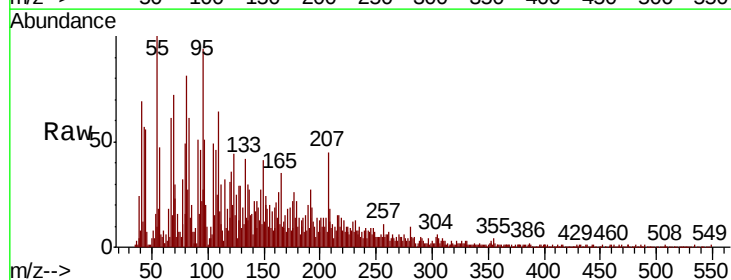
Instrument :
 BNA_P
 ClientSampleId :

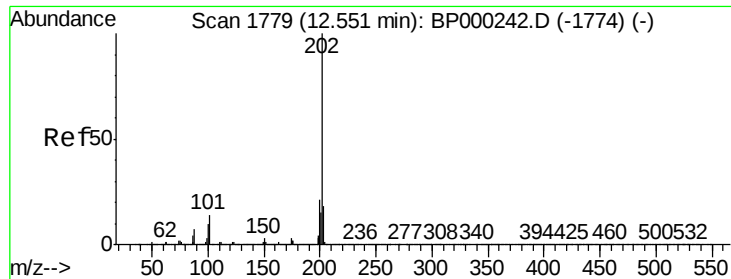
Tot Ion:167 Resp: 2430
 Ion Ratio Lower Upper
 167 100
 166 25.1 17.8 26.8
 139 22.5 10.8 16.2#



#74
 Di-n-butylphthalate
 Concen: 0.011 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000282.D
 Acq: 17 Sep 2019 19:02

Tgt Ion:149 Resp: 654
 Ion Ratio Lower Upper
 149 100
 150 28.9 7.4 11.2#
 104 14.8 3.5 5.3#





#75

Fluoranthene

Concen: 0.111 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

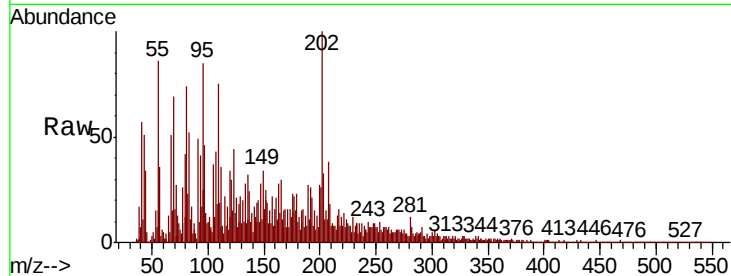
Tot Ion:202 Resp: 5826

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.9

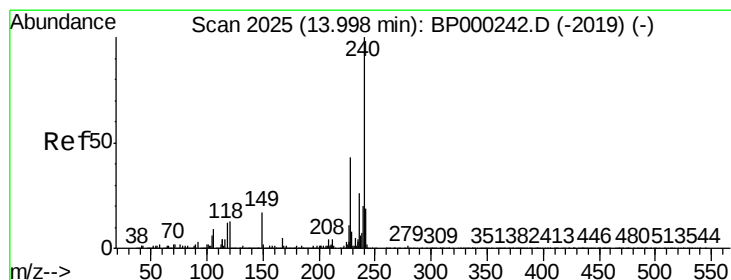
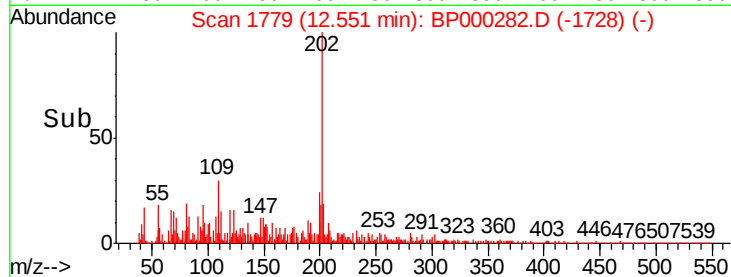
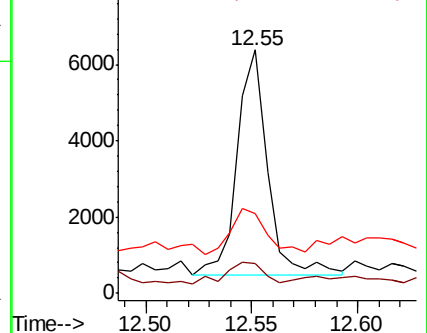
203 32.6 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

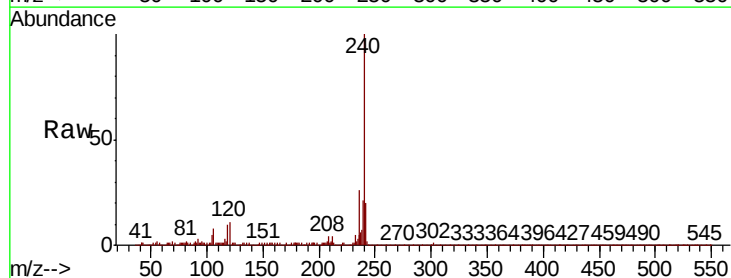
Tgt Ion:240 Resp: 794538

Ion Ratio Lower Upper

240 100

120 11.4 10.4 15.6

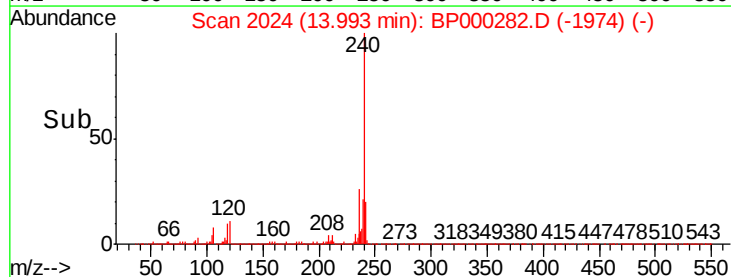
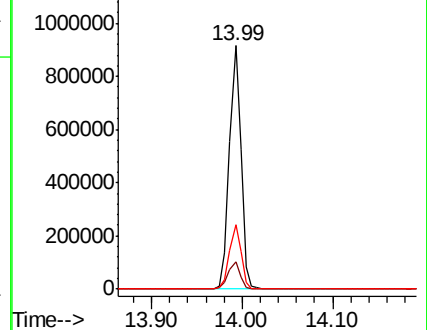
236 26.3 21.0 31.6

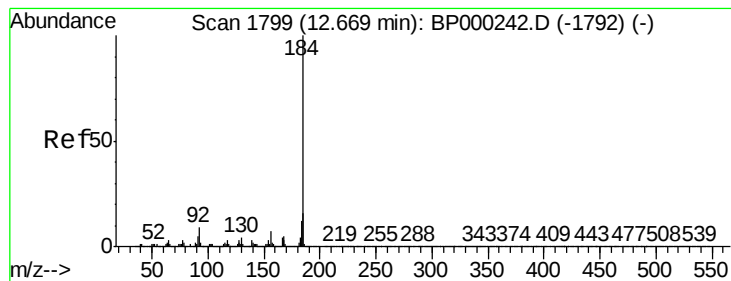


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 0.018 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampled :

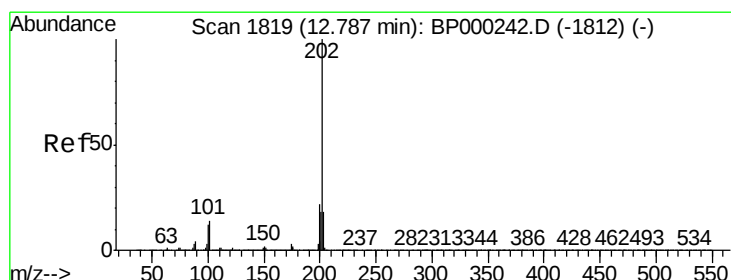
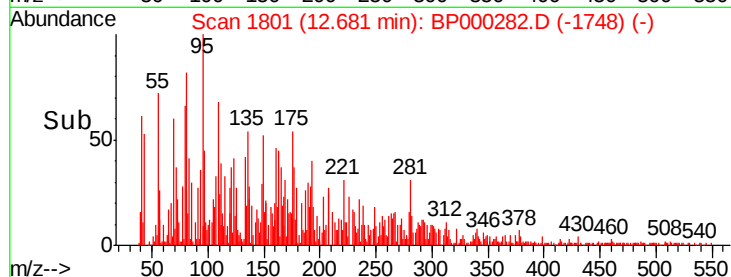
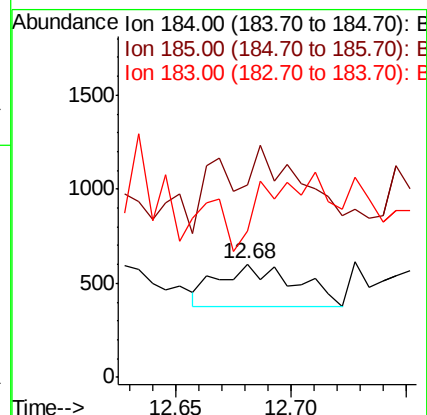
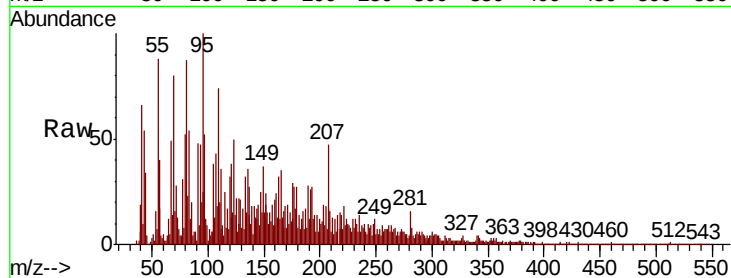
Tot Ion:184 Resp: 513

Ion Ratio Lower Upper

184 100

185 169.5 12.7 19.1#

183 129.0 9.5 14.3#



#78

Pyrene

Concen: 0.101 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

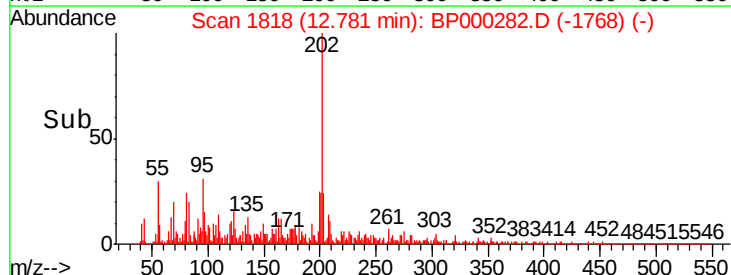
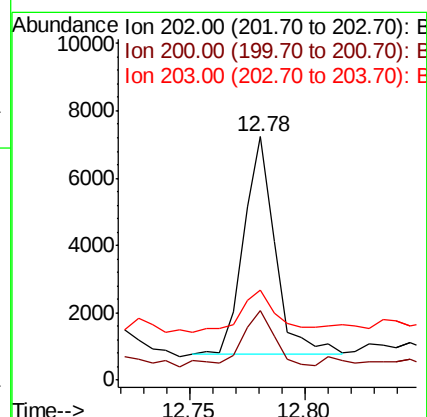
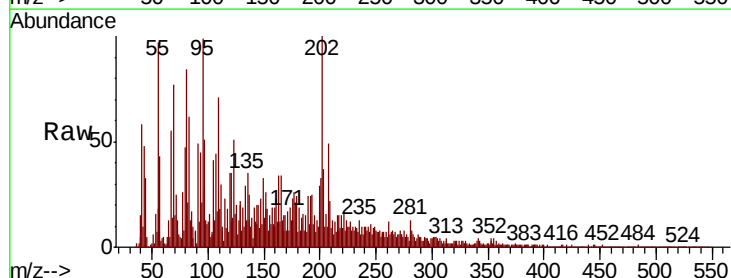
Tgt Ion:202 Resp: 6022

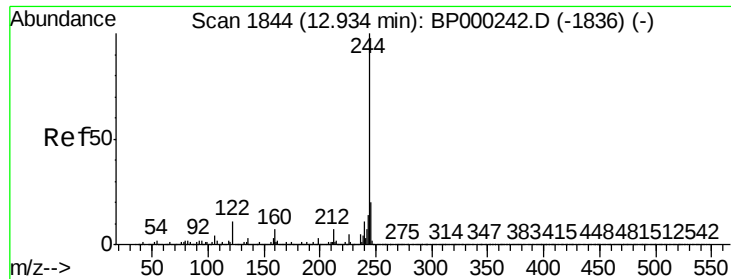
Ion Ratio Lower Upper

202 100

200 28.6 17.5 26.3#

203 37.1 14.3 21.5#





#79

Terphenyl-d14

Concen: 2.540 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

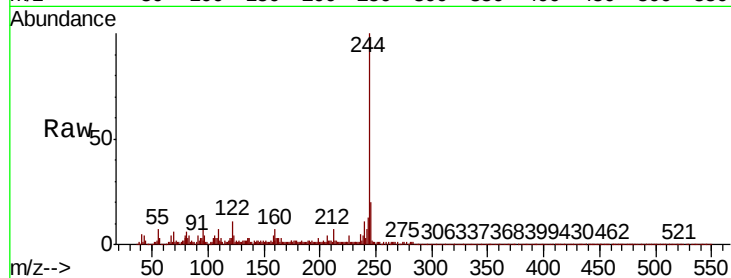
Tot Ion:244 Resp: 96191

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

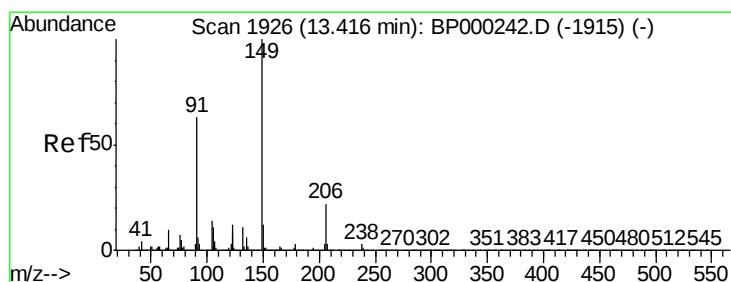
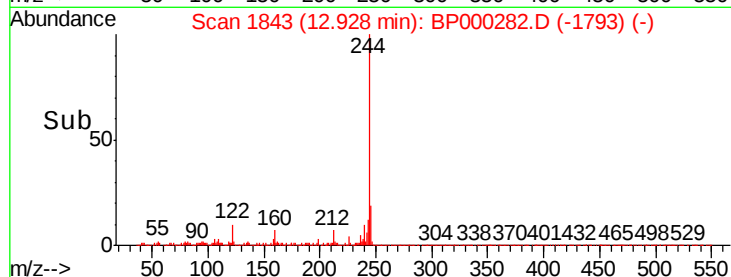
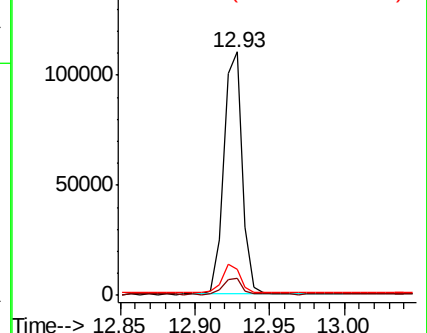
122 10.6 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.024 ng

RT: 13.46 min Scan# 1933

Delta R.T. 0.04 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

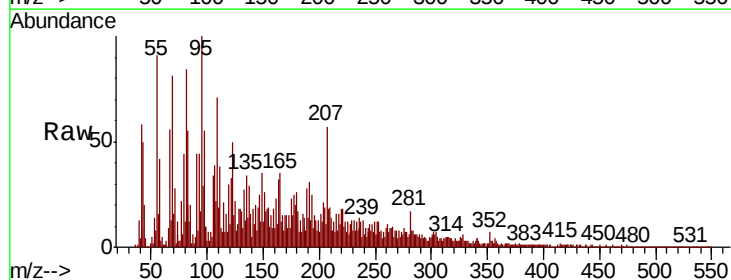
Tgt Ion:149 Resp: 669

Ion Ratio Lower Upper

149 100

91 126.5 50.6 76.0#

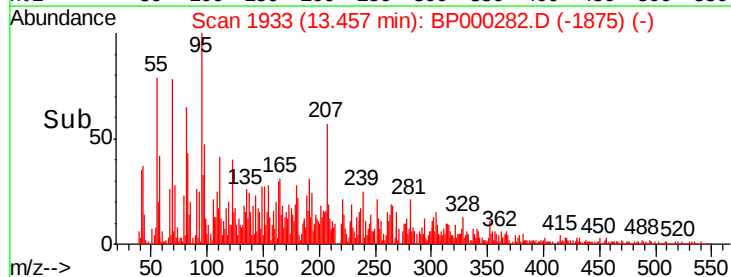
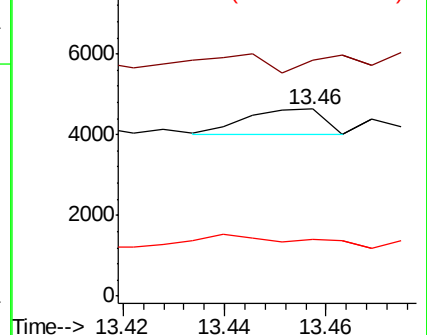
206 30.4 17.8 26.6#

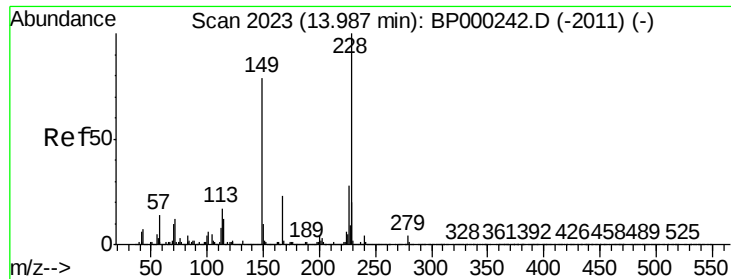


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

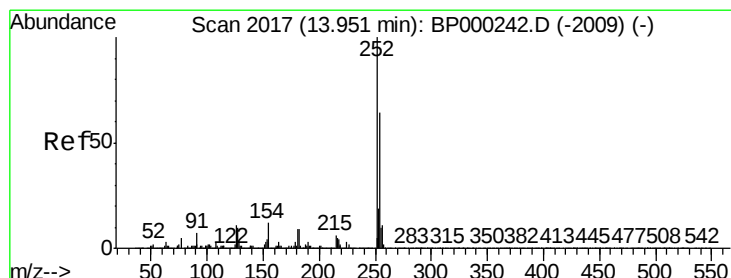
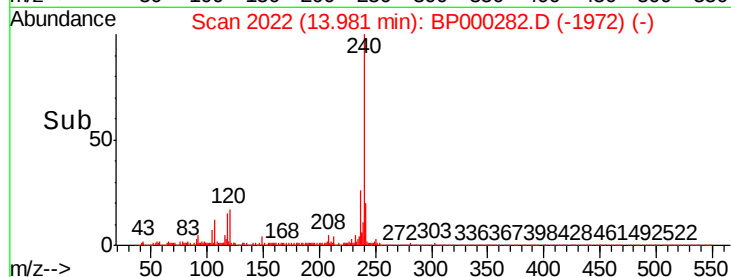
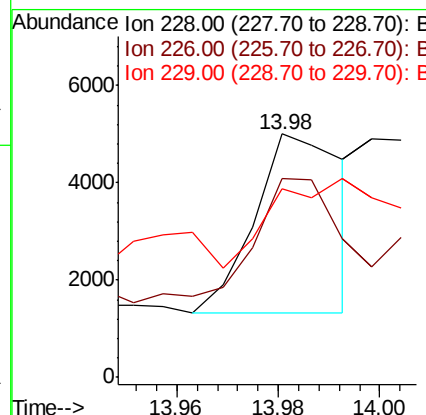
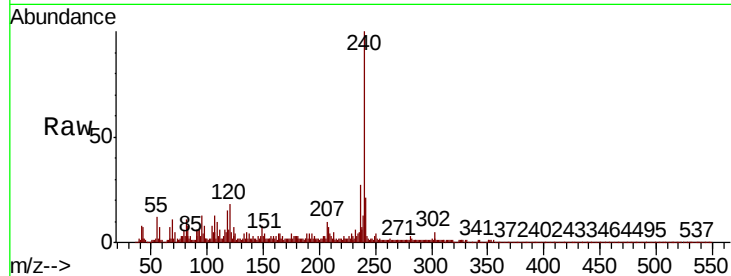




#81
Benzo(a)anthracene
Concen: 0.089 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

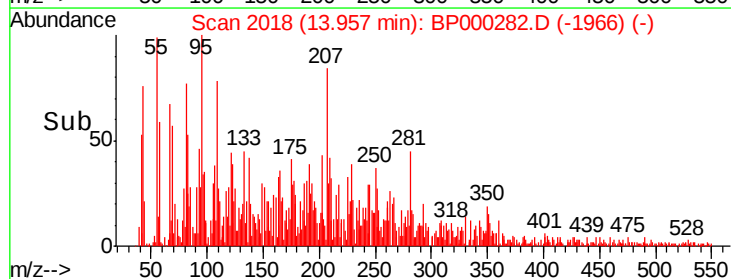
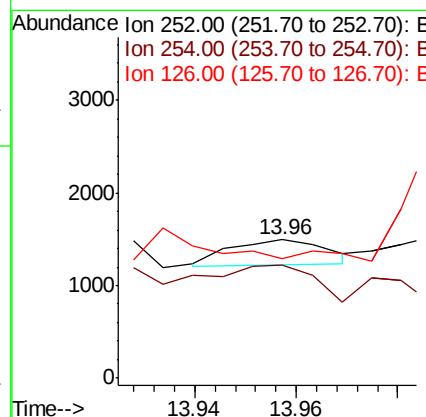
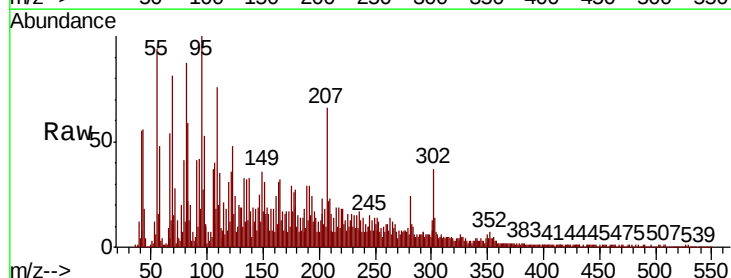
Instrument :
BNA_P
ClientSampleId :

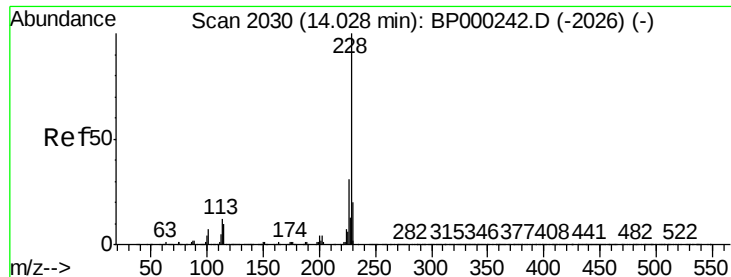
Tot Ion:228 Resp: 4447
Ion Ratio Lower Upper
228 100
226 81.4 22.2 33.4#
229 77.7 16.0 24.0#



#82
3,3'-Dichlorobenzidine
Concen: 0.018 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:252 Resp: 365
Ion Ratio Lower Upper
252 100
254 81.9 51.5 77.3#
126 86.3 8.4 12.6#

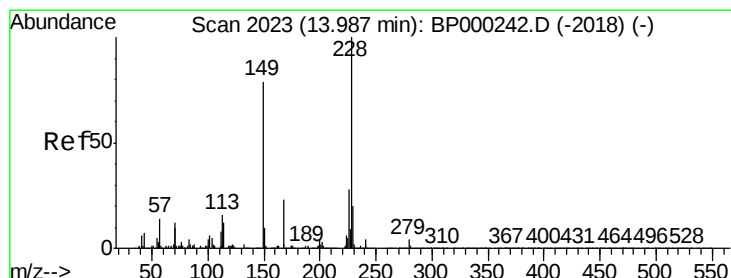
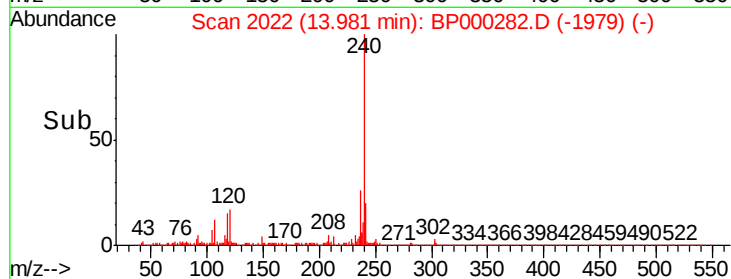
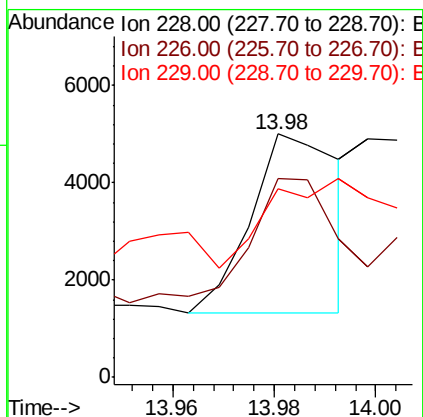
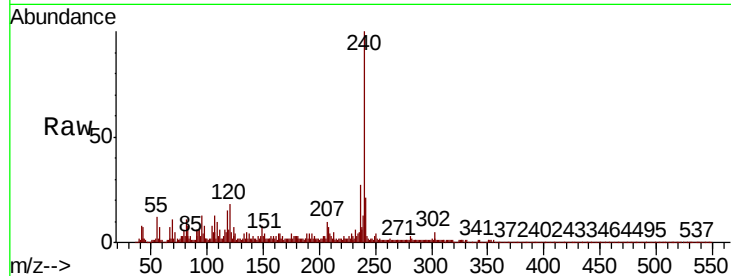




#83
 Chrysene
 Concen: 0.090 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.05 min
 Lab File: BP000282.D
 Acq: 17 Sep 2019 19:02

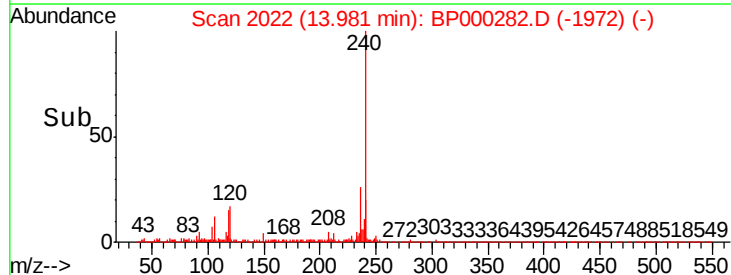
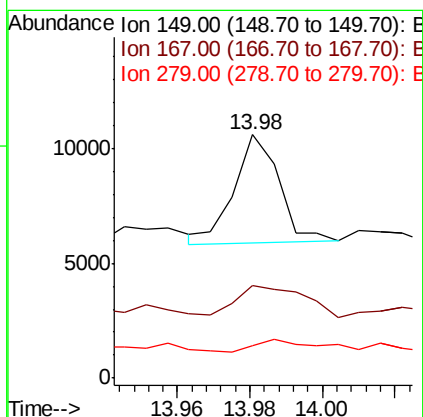
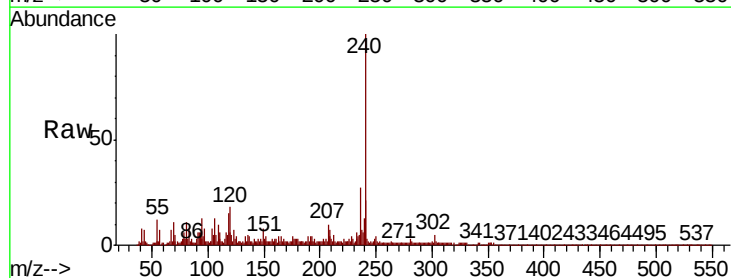
Instrument :
 BNA_P
 ClientSampleId :

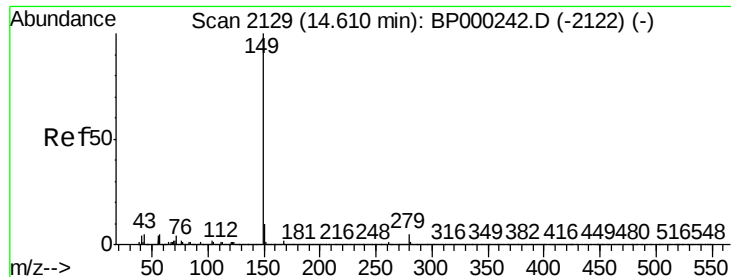
Tot Ion:228 Resp: 4447
 Ion Ratio Lower Upper
 228 100
 226 81.4 24.9 37.3#
 229 77.7 16.2 24.2#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.123 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BP000282.D
 Acq: 17 Sep 2019 19:02

Tgt Ion:149 Resp: 4041
 Ion Ratio Lower Upper
 149 100
 167 37.8 23.0 34.4#
 279 13.1 3.7 5.5#





#85

Di-n-octyl phthalate

Concen: 0.044 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

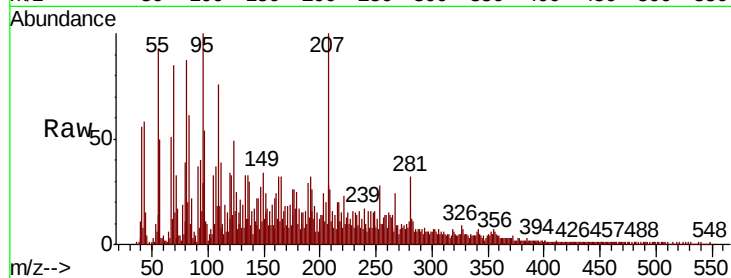
Tot Ion:149 Resp: 2658

Ion Ratio Lower Upper

149 100

167 0.0 1.4 2.0#

43 89.1 5.0 7.6#

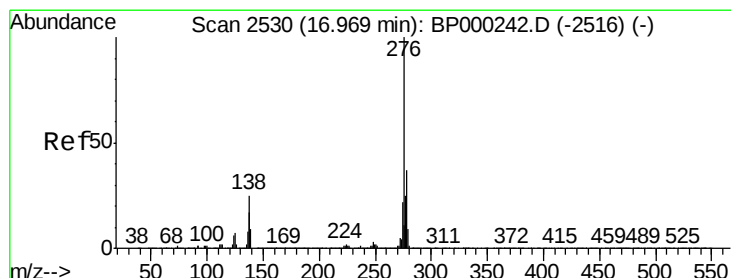
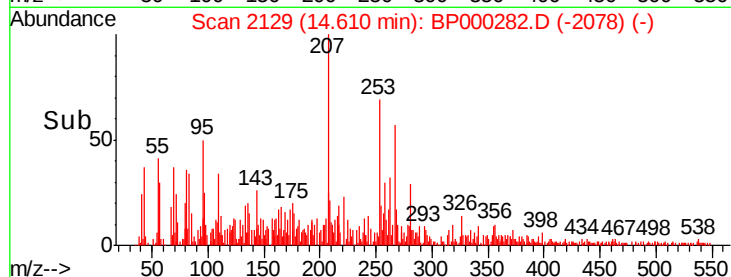
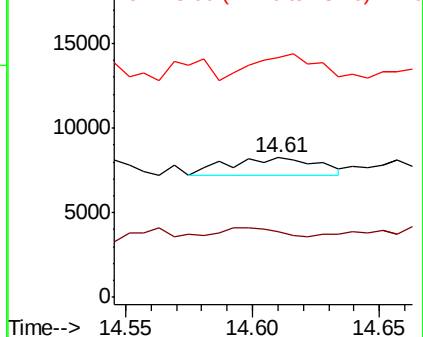


Abundance

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): E



#86

Indeno(1,2,3-cd)pyrene

Concen: 0.050 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

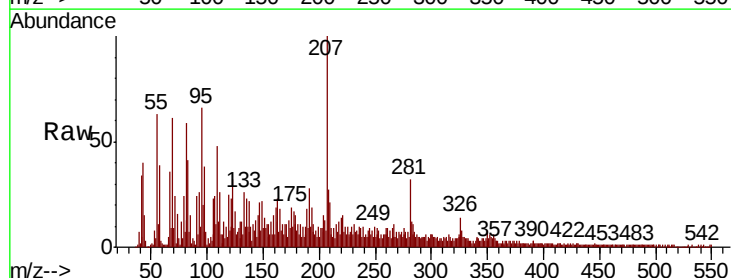
Tgt Ion:276 Resp: 3000

Ion Ratio Lower Upper

276 100

138 0.0 22.6 33.8#

277 21.9 20.4 30.6

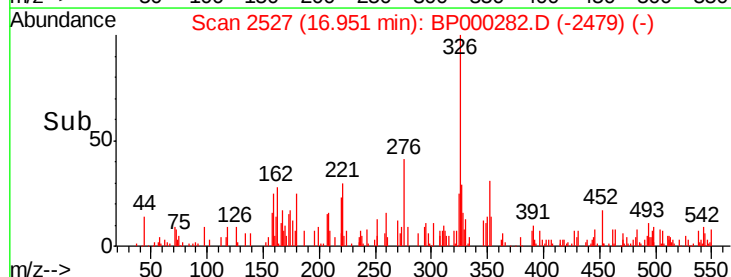
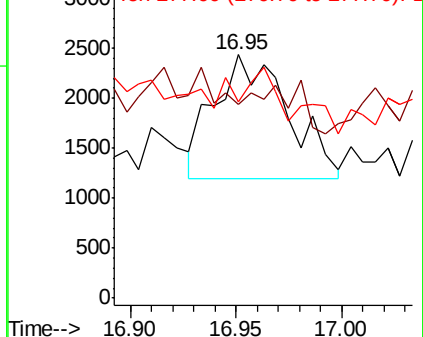


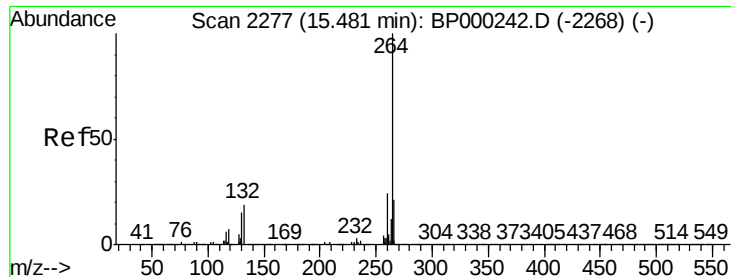
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampleId :

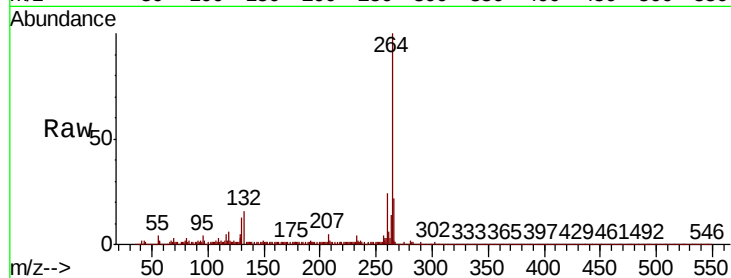
Tot Ion:264 Resp: 686309

Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

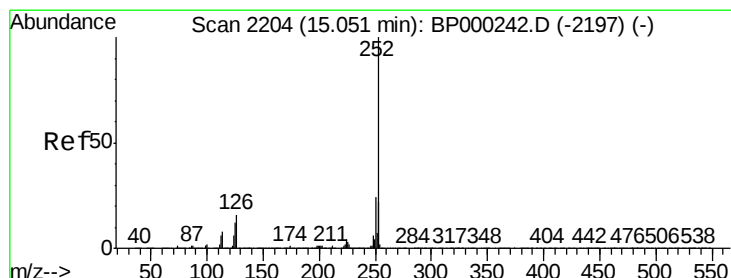
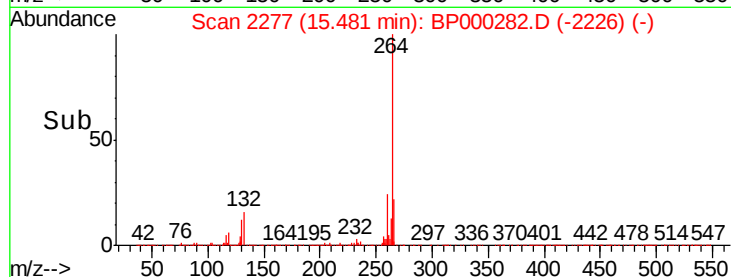
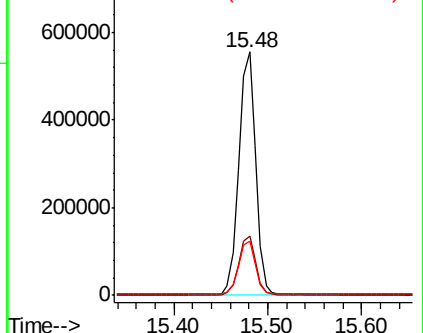
265 22.2 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 0.141 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

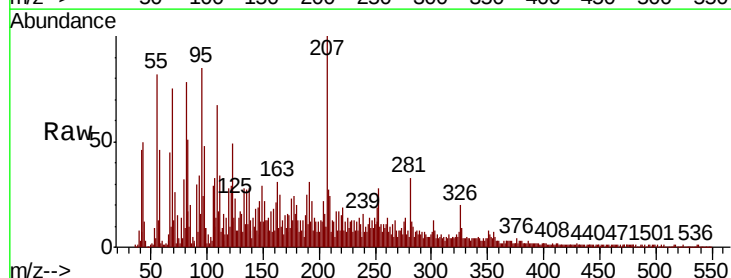
Tgt Ion:252 Resp: 5781

Ion Ratio Lower Upper

252 100

253 147.9 17.8 26.6#

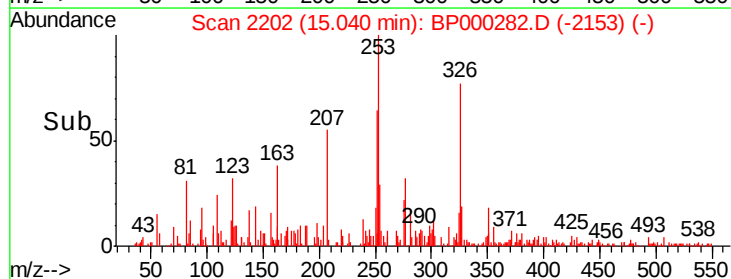
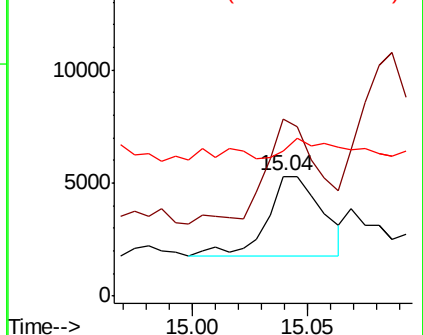
125 121.2 9.5 14.3#

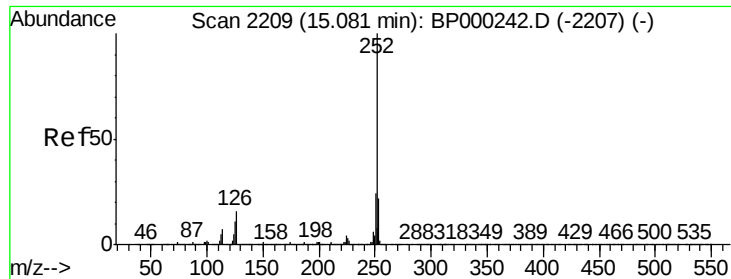


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

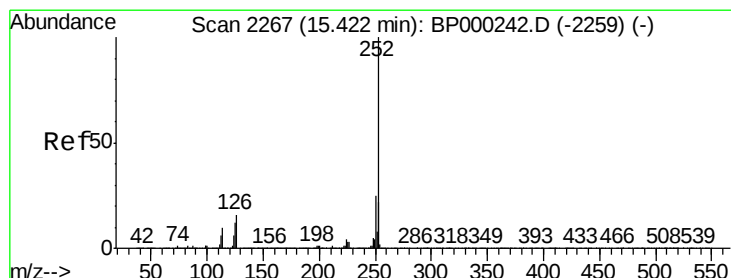
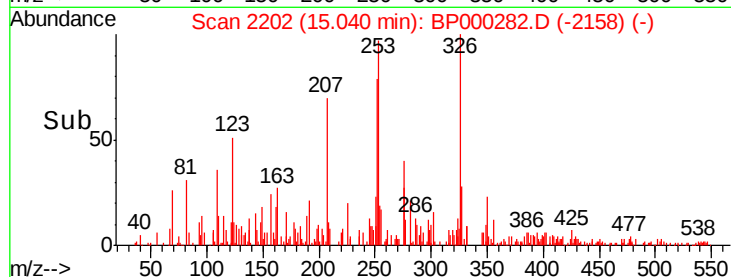
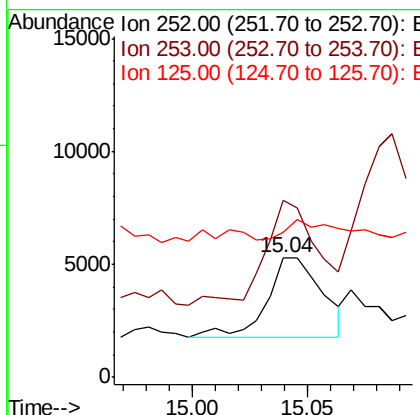
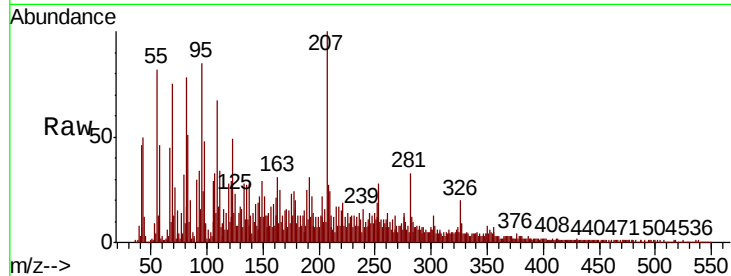




#89
Benzo(k)fluoranthene
Concen: 0.162 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.04 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

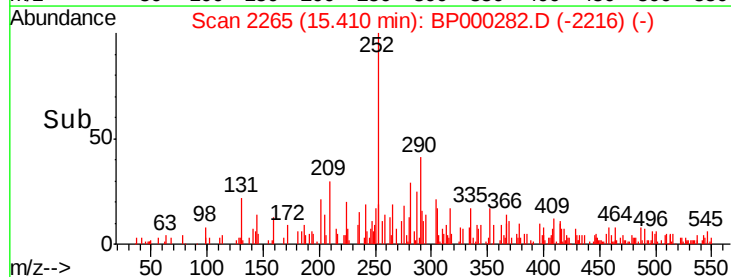
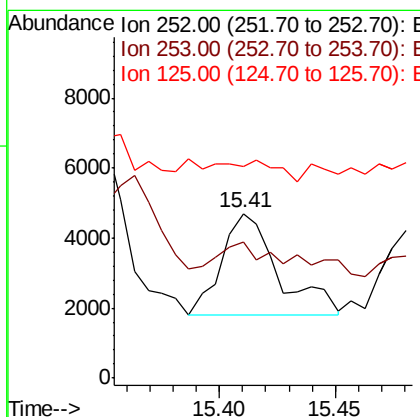
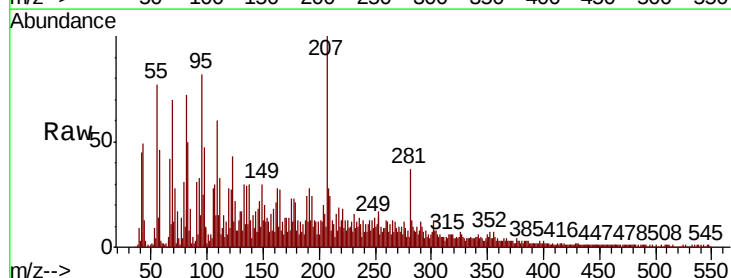
Instrument :
BNA_P
ClientSampled :

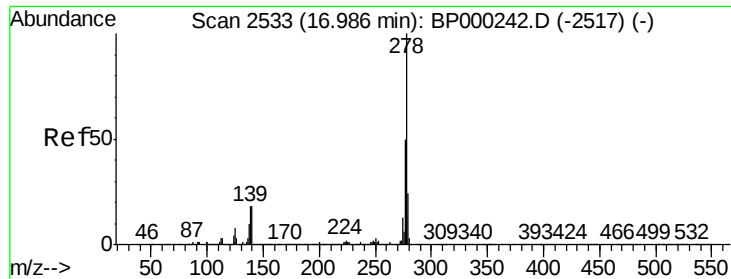
Tot Ion:252 Resp: 5781
Ion Ratio Lower Upper
252 100
253 147.9 17.8 26.8#
125 121.2 9.6 14.4#



#90
Benzo(a)pyrene
Concen: 0.131 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BP000282.D
Acq: 17 Sep 2019 19:02

Tgt Ion:252 Resp: 4868
Ion Ratio Lower Upper
252 100
253 83.1 17.7 26.5#
125 129.2 10.0 15.0#





#91

Dibenzo(a,h)anthracene

Concen: 0.035 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.03 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

Instrument :

BNA_P

ClientSampled :

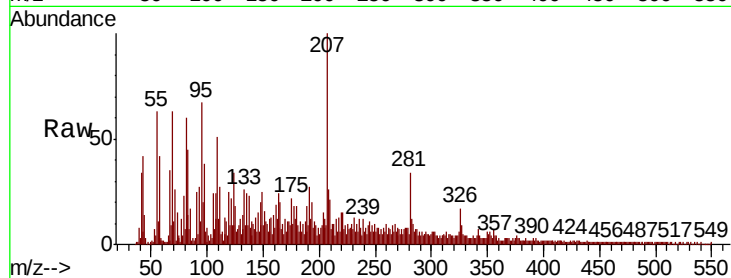
Tot Ion:278 Resp: 1226

Ion Ratio Lower Upper

278 100

139 189.6 14.5 21.7#

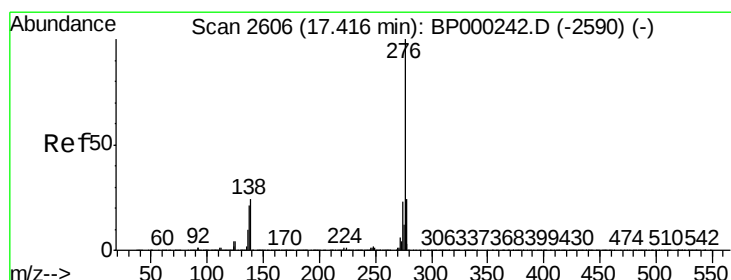
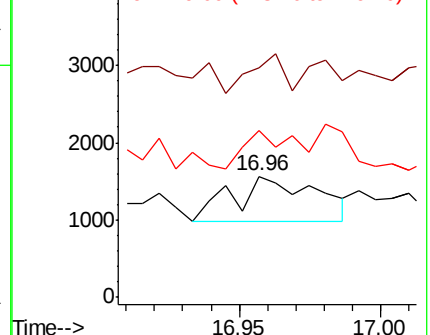
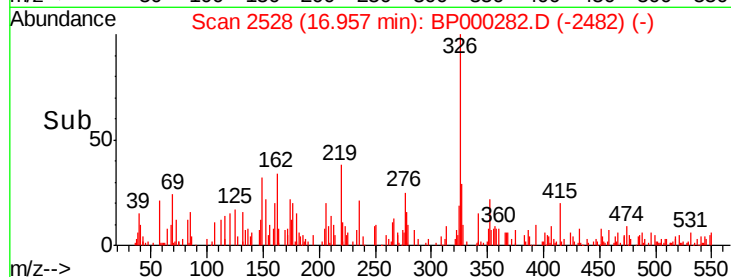
279 137.2 19.0 28.6#



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: 0.102 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.01 min

Lab File: BP000282.D

Acq: 17 Sep 2019 19:02

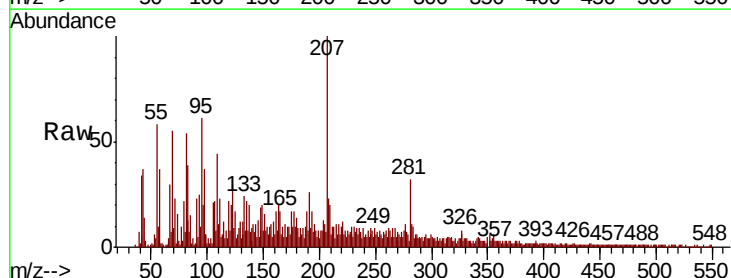
Tgt Ion:276 Resp: 3627

Ion Ratio Lower Upper

276 100

277 66.2 19.1 28.7#

138 67.8 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

