

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000449.D
 Acq On : 27 Sep 2019 11:54
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 14:50:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	215890	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	820133	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	457690	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	849148	20.00	ng	0.00
76) Chrysene-d12	14.01	240	713560	20.00	ng	0.01
87) Perylene-d12	15.49	264	837646	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1087145	86.93	ng	0.00
7) Phenol-d6	6.43	99	1328770	86.68	ng	0.00
23) Nitrobenzene-d5	7.35	82	1097919	86.37	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	385618	84.94	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2309274	90.81	ng	0.00
79) Terphenyl-d14	12.94	244	2855645	83.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	233216	41.326	ng	99
3) Pyridine	3.22	79	639026	42.063	ng	99
4) n-Nitrosodimethylamine	3.16	42	181594	42.390	ng	96
6) Aniline	6.45	93	882651	41.761	ng	94
8) 2-Chlorophenol	6.58	128	581379	43.173	ng	98
9) Benzaldehyde	6.33	77	355695	43.590	ng	98
10) Phenol	6.45	94	743846	42.710	ng	74
11) bis(2-Chloroethyl)ether	6.52	93	558345	41.864	ng	99
12) 1,3-Dichlorobenzene	6.73	146	693019	42.886	ng	99
13) 1,4-Dichlorobenzene	6.81	146	699325	43.495	ng	96
14) 1,2-Dichlorobenzene	6.96	146	659068	44.749	ng	99
15) Benzyl Alcohol	6.93	79	467439	41.902	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	534307	42.256	ng	98
17) 2-Methylphenol	7.05	107	485604	42.103	ng	99
18) Hexachloroethane	7.30	117	248785	41.813	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	339637	41.906	ng	99
20) 3+4-Methylphenols	7.20	107	601940	43.158	ng	# 76
22) Acetophenone	7.19	105	791338	44.524	ng	# 98
24) Nitrobenzene	7.37	77	564519	42.757	ng	98
25) Isophorone	7.61	82	1040037	41.320	ng	99
26) 2-Nitrophenol	7.69	139	303147	43.310	ng	97
27) 2,4-Dimethylphenol	7.73	122	468018	41.977	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	710063	42.415	ng	100
29) 2,4-Dichlorophenol	7.93	162	517084	43.273	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	593592	43.339	ng	100
31) Naphthalene	8.10	128	1687724	44.433	ng	99
32) Benzoic acid	7.83	122	236914	31.471	ng	97
33) 4-Chloroaniline	8.15	127	750428	43.655	ng	97
34) Hexachlorobutadiene	8.22	225	353691	43.583	ng	99
35) Caprolactam	8.50	113	171724	42.245	ng	96
36) 4-Chloro-3-methylphenol	8.63	107	515211	42.472	ng	97
37) 2-Methylnaphthalene	8.79	142	1155198	44.490	ng	99
38) 1-Methylnaphthalene	8.89	142	1088688	44.760	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	578706	44.223	ng	99

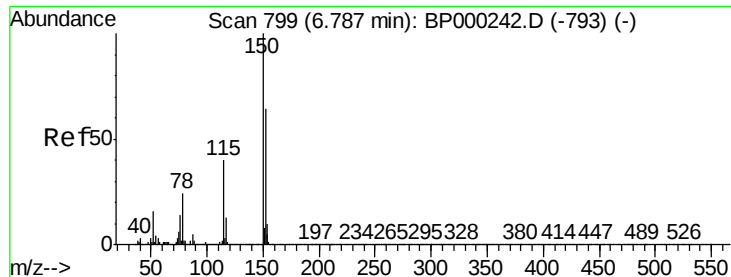
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	253474	33.731	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	375827	41.505	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	390284	42.093	nq	99
46) 1,1'-Biphenyl	9.25	154	1397116	44.126	nq	100
47) 2-Chloronaphthalene	9.28	162	1168927	44.011	nq	97
48) 2-Nitroaniline	9.37	65	293663	43.539	nq	96
49) Acenaphthylene	9.70	152	1753509	43.921	nq	100
50) Dimethylphthalate	9.56	163	1371504	43.982	nq	98
51) 2,6-Dinitrotoluene	9.62	165	296001	43.171	nq	94
52) Acenaphthene	9.87	154	1034803	41.072	nq	100
53) 3-Nitroaniline	9.79	138	347310	43.640	nq	99
54) 2,4-Dinitrophenol	9.90	184	112471	37.129	nq	93
55) Dibenzofuran	10.05	168	1593462	44.740	nq	96
56) 4-Nitrophenol	9.96	139	212384	35.880	nq	97
57) 2,4-Dinitrotoluene	10.02	165	400988	44.736	nq	# 87
58) Fluorene	10.39	166	1217361	44.252	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	315460	41.347	nq	98
60) Diethylphthalate	10.26	149	1318363	43.950	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	641421	45.423	nq	95
62) 4-Nitroaniline	10.40	138	358309	45.773	nq	96
63) Azobenzene	10.54	77	1111240	43.726	nq	97
65) 4,6-Dinitro-2-methylphenol	10.44	198	159839	40.032	nq	97
66) n-Nitrosodiphenylamine	10.50	169	1097059	42.917	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	409363	42.632	nq	94
68) Hexachlorobenzene	10.95	284	443027	42.203	nq	94
69) Atrazine	11.03	200	258760	37.061	nq	99
70) Pentachlorophenol	11.15	266	186685	32.652	nq	99
71) Phenanthrene	11.36	178	1890240	44.421	nq	100
72) Anthracene	11.41	178	1910832	43.626	nq	100
73) Carbazole	11.57	167	1777962	45.074	nq	98
74) Di-n-butylphthalate	11.90	149	2141256	42.886	nq	99
75) Fluoranthene	12.56	202	2102807	46.021	nq	97
77) Benzidine	12.68	184	874836	34.329	nq	99
78) Pyrene	12.79	202	2158599	40.434	nq	100
80) Butylbenzylphthalate	13.42	149	959901	39.131	nq	99
81) Benzo(a)anthracene	14.00	228	1924608	42.699	nq	100
82) 3,3'-Dichlorobenzidine	13.96	252	766667	42.323	nq	99
83) Chrysene	14.03	228	1899585	42.923	nq	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1243789	42.238	nq	99
85) Di-n-octyl phthalate	14.62	149	2260600	41.420	nq	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2334709	43.280	nq	99
88) Benzo(b)fluoranthene	15.06	252	2011019	40.244	nq	99
89) Benzo(k)fluoranthene	15.09	252	2014321	46.211	nq	99
90) Benzo(a)pyrene	15.43	252	1932703	42.506	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	1882782	44.413	nq	99
92) Benzo(g,h,i)perylene	17.44	276	1889927	43.372	nq	99

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

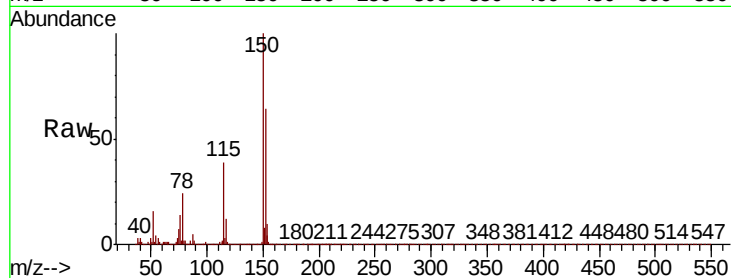


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	125.2	187.8
115	61.0	49.7	74.5

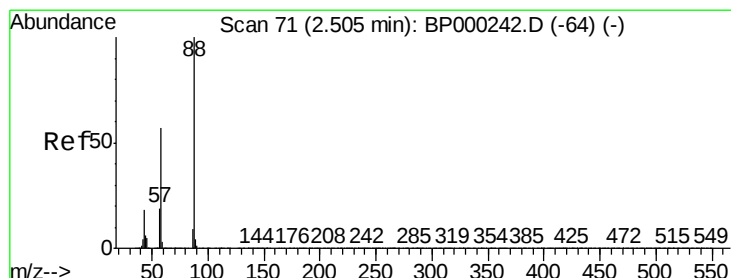
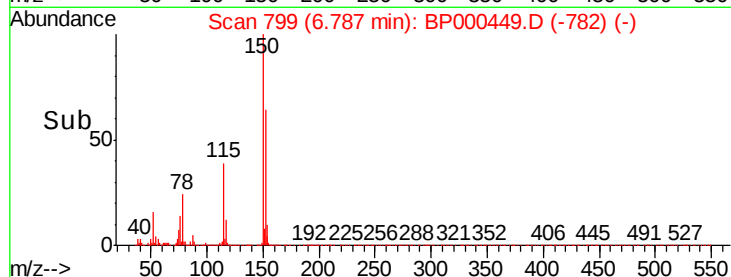
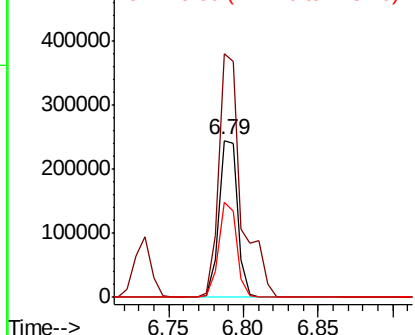


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

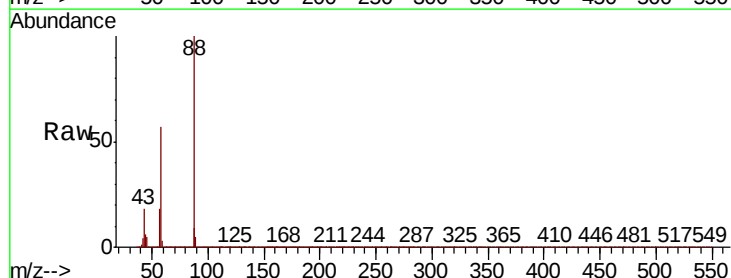
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.326 ng
RT: 2.48 min Scan# 66
Delta R.T. -0.03 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.3	45.4	68.2
43	18.7	15.0	22.6

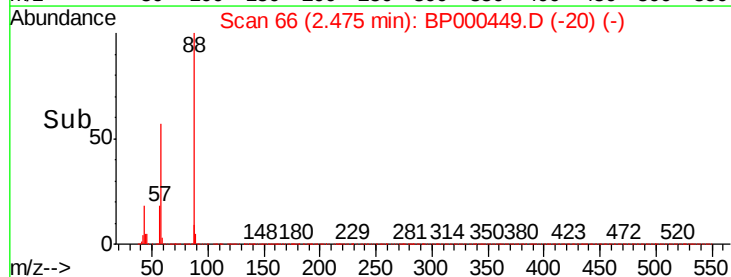
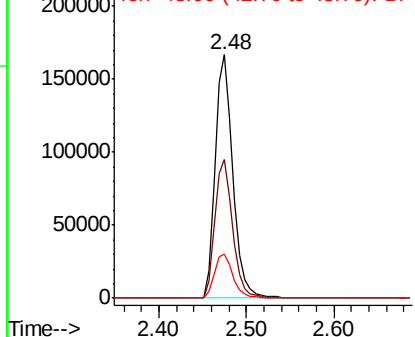


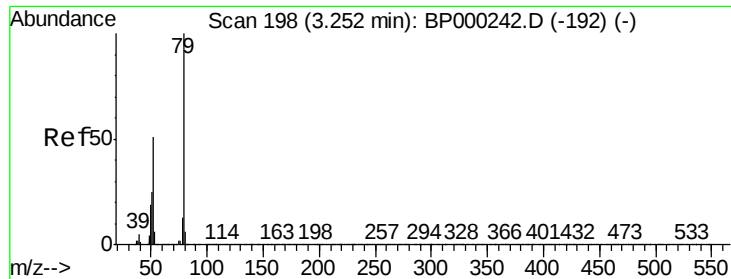
Abundance

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: 42.063 ng

RT: 3.22 min Scan# 193

Delta R.T. -0.03 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampleId :

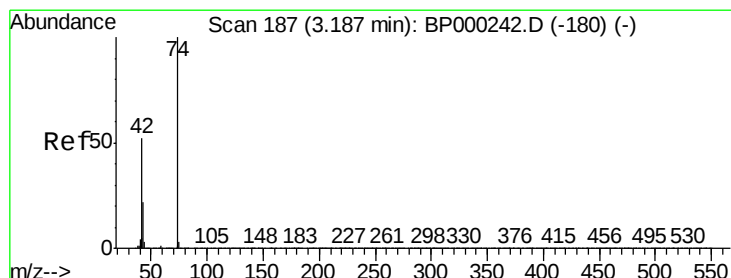
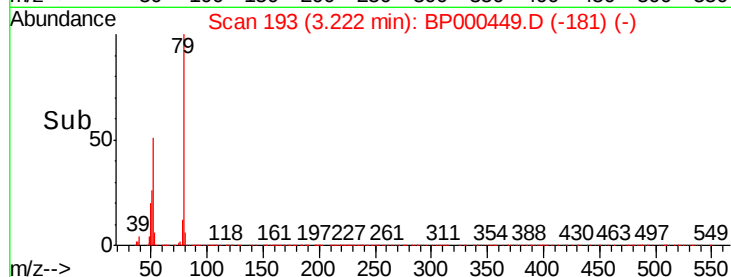
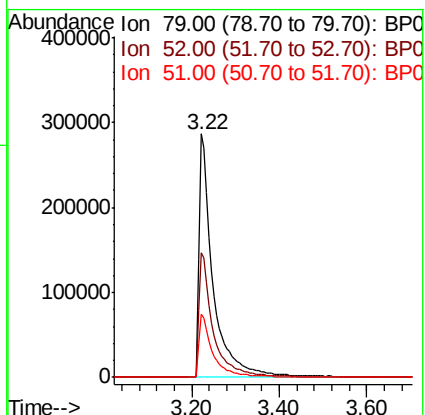
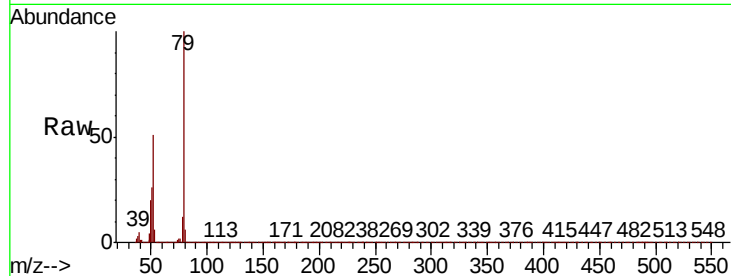
Tot Ion: 79 Resp: 639026

Ion Ratio Lower Upper

79 100

52 51.2 40.9 61.3

51 26.0 20.2 30.2



#4

n-Nitrosodimethylamine

Concen: 42.390 ng

RT: 3.16 min Scan# 183

Delta R.T. -0.02 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

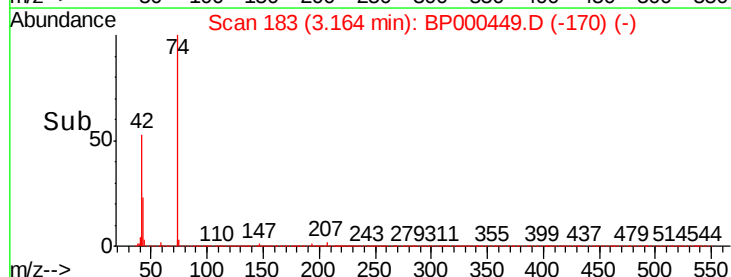
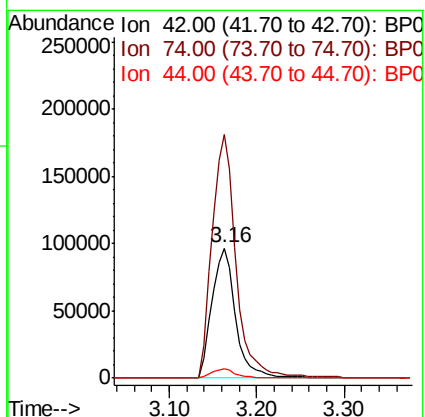
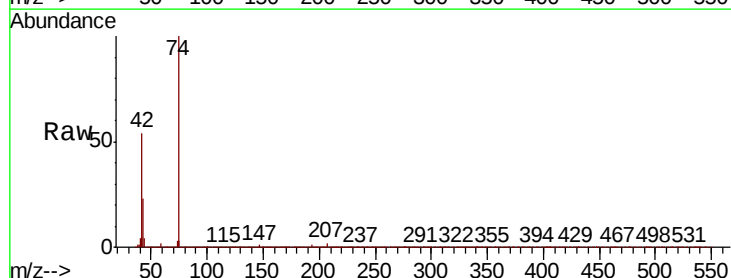
Tgt Ion: 42 Resp: 181594

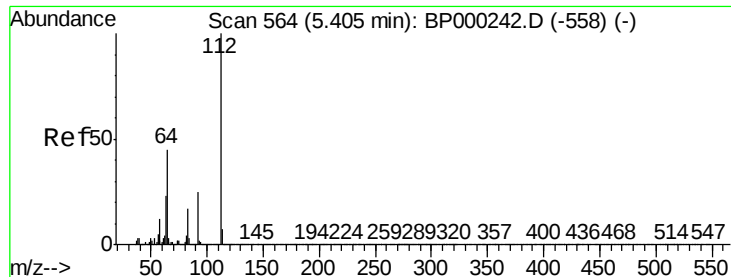
Ion Ratio Lower Upper

42 100

74 186.8 154.5 231.7

44 6.8 5.9 8.9





#5

2-Fluorophenol

Concen: 86.933 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampleId :

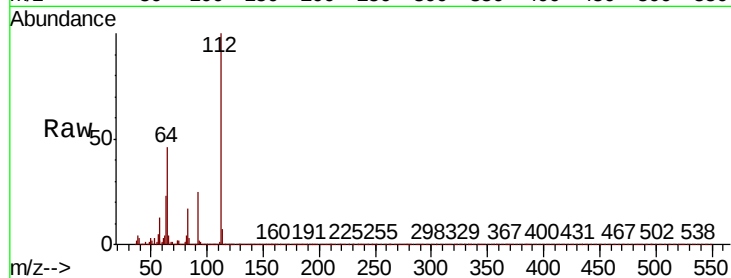
Tot Ion: 112 Resp: 1087145

Ion Ratio Lower Upper

112 100

64 46.3 36.2 54.4

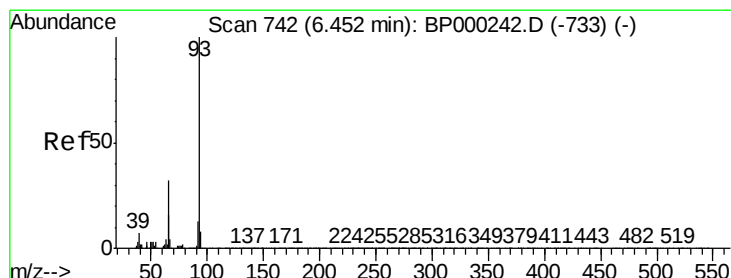
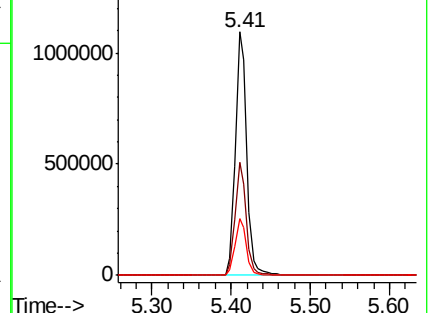
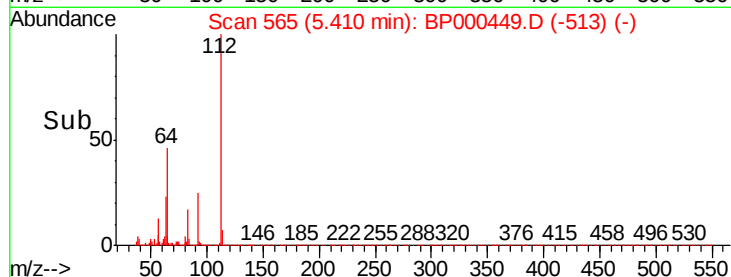
63 23.4 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 41.761 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

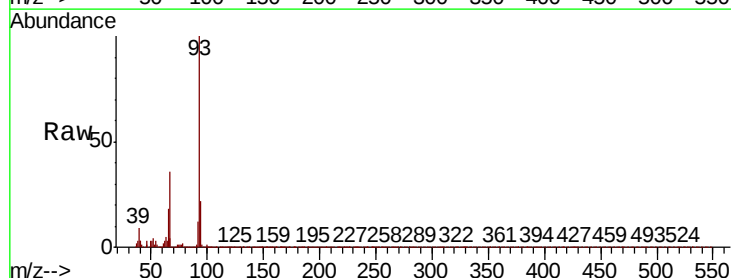
Tgt Ion: 93 Resp: 882651

Ion Ratio Lower Upper

93 100

66 36.0 26.2 39.2

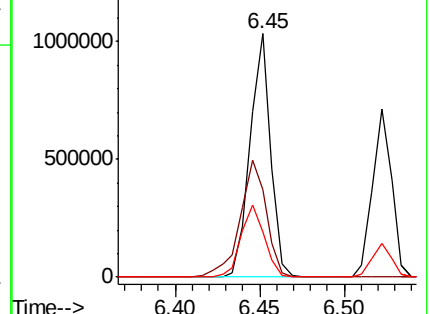
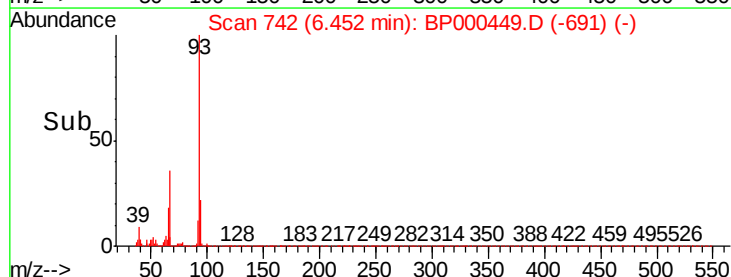
65 18.5 12.7 19.1

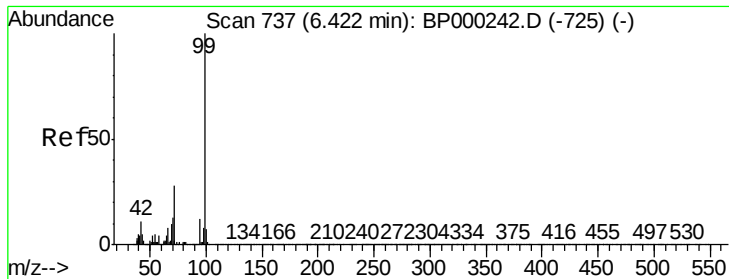


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 86.682 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

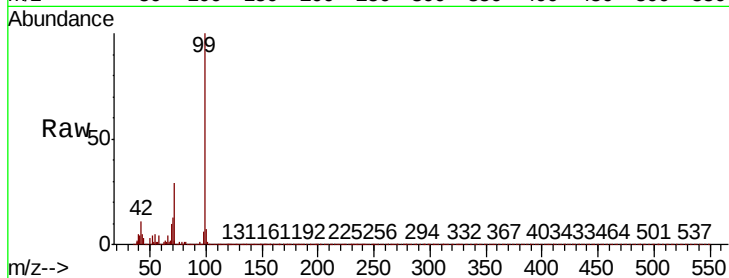
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1328770

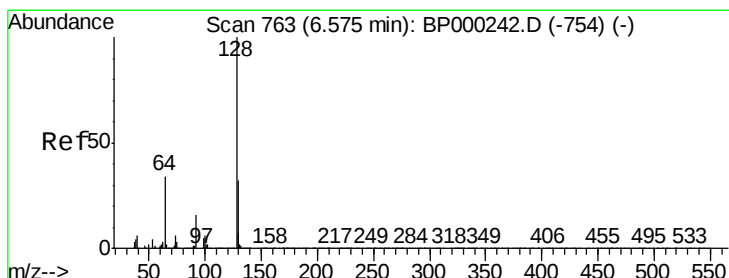
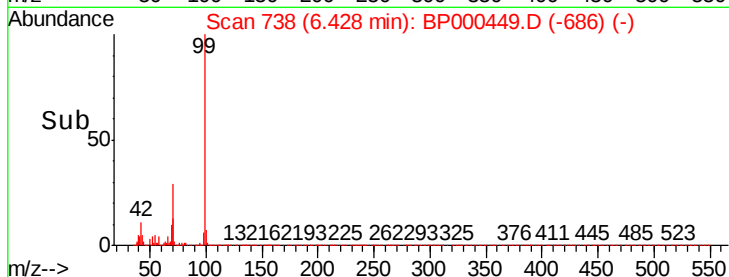
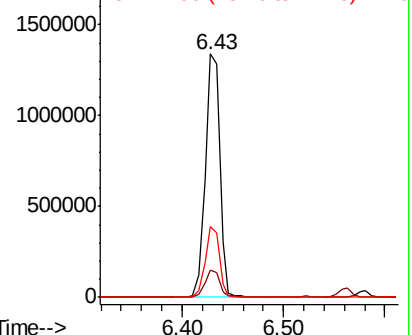
Ion	Ratio	Lower	Upper
99	100		
42	11.3	8.5	12.7
71	28.9	22.6	34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 43.173 ng

RT: 6.58 min Scan# 764

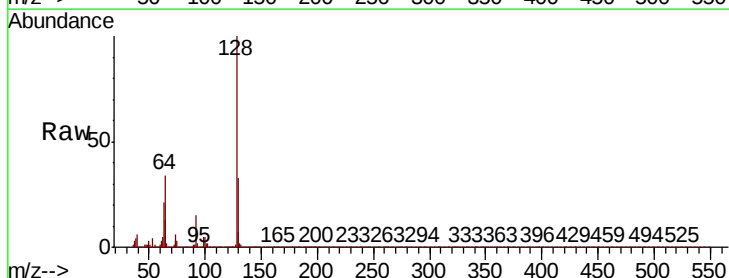
Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Tgt Ion: 128 Resp: 581379

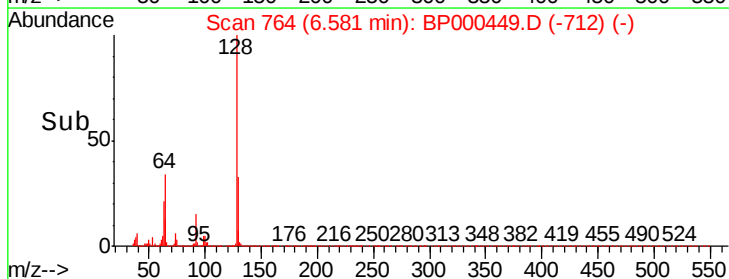
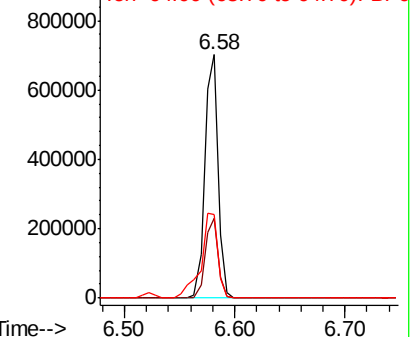
Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.5	52.5
64	34.3	16.0	56.0

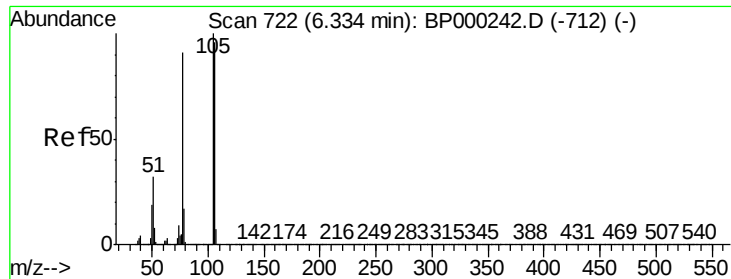


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 43.590 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampled :

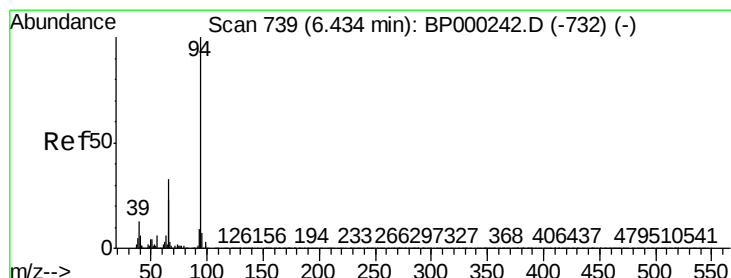
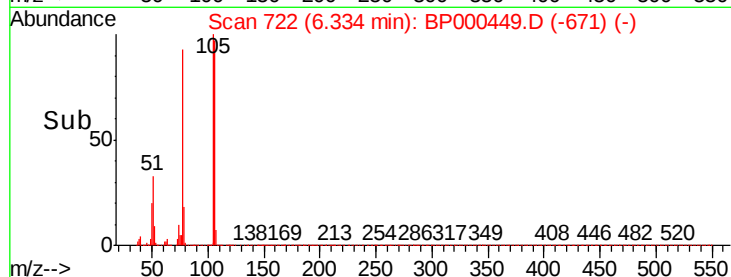
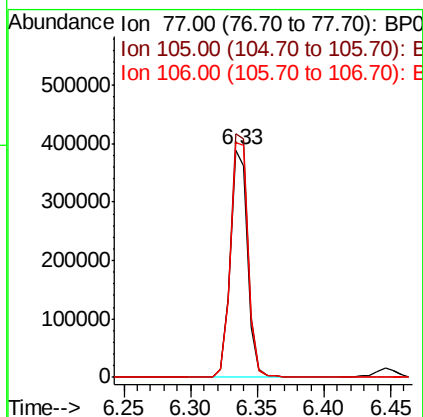
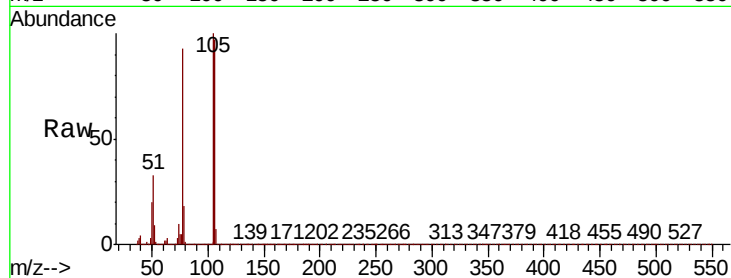
Tot Ion: 77 Resp: 355695

Ion Ratio Lower Upper

77 100

105 107.3 89.6 129.6

106 103.6 84.6 124.6



#10

Phenol

Concen: 42.710 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

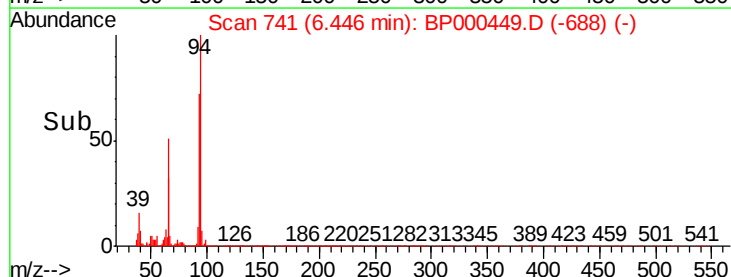
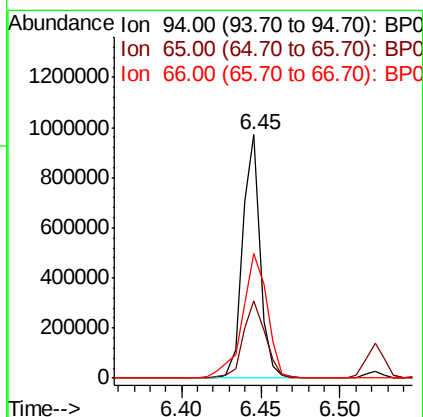
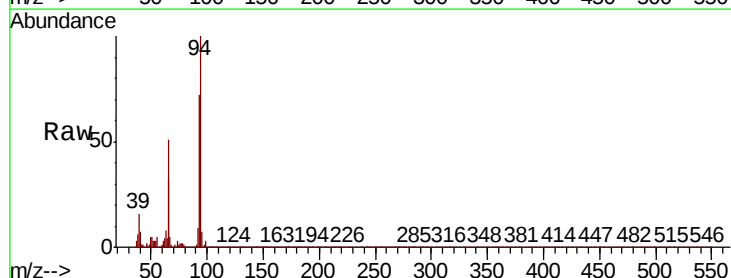
Tgt Ion: 94 Resp: 743846

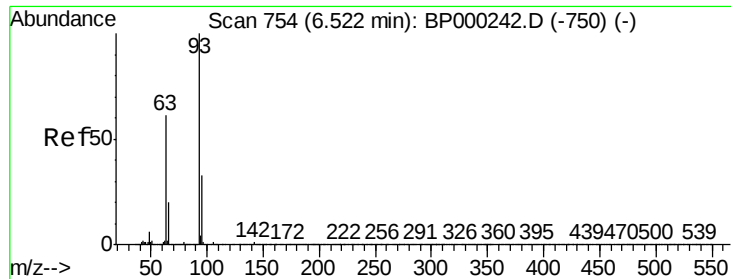
Ion Ratio Lower Upper

94 100

65 31.8 3.3 43.3

66 51.1 12.7 52.7

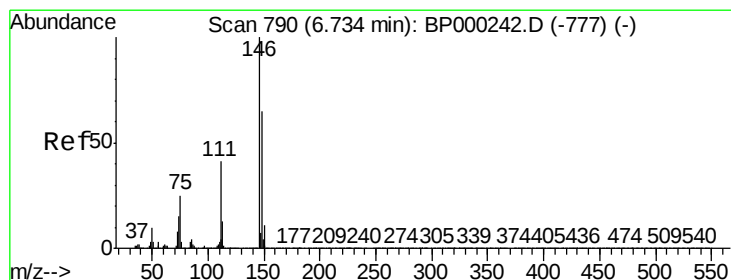
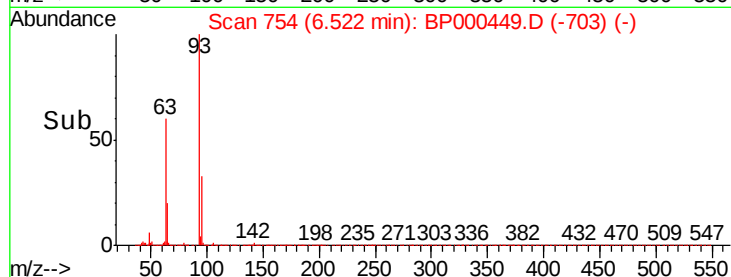
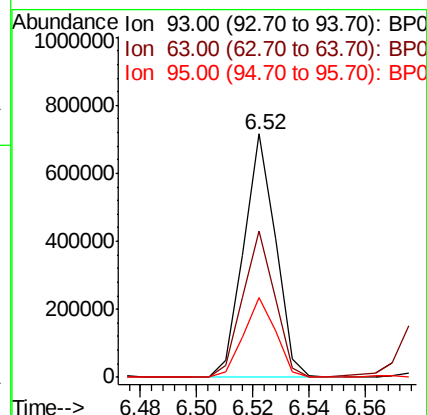
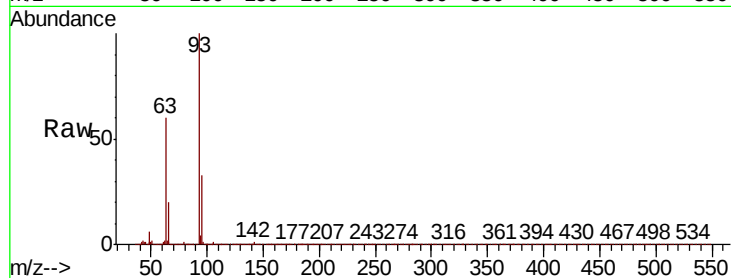




#11
bis(2-Chloroethyl)ether
Concen: 41.864 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

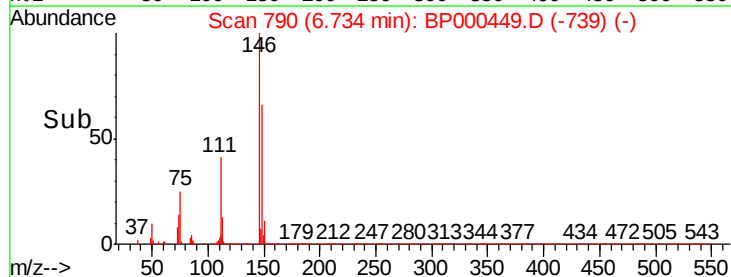
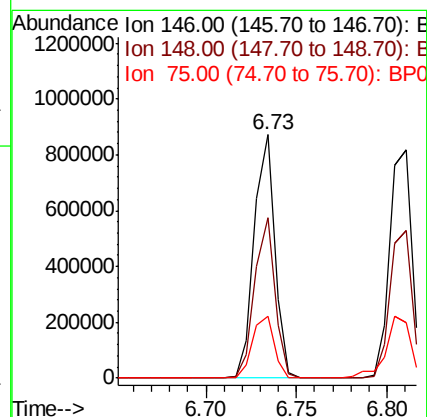
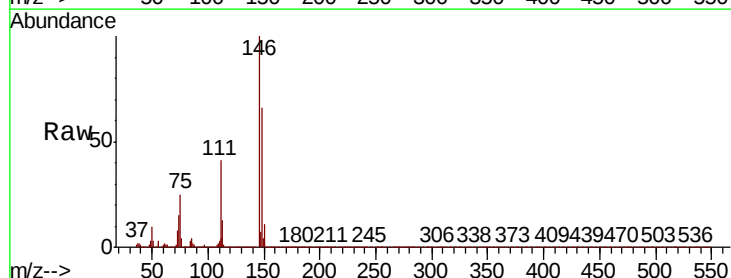
Instrument :
BNA_P
ClientSampleId :

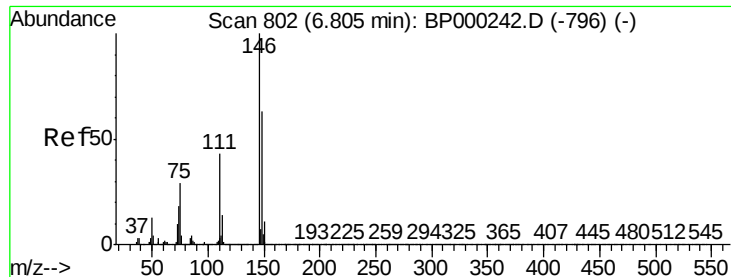
Tot Ion:	93	Resp:	558345
Ion	Ratio	Lower	Upper
93	100		
63	60.1	41.0	81.0
95	32.5	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 42.886 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:	146	Resp:	693019
Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.1	78.1
75	25.3	20.2	30.4

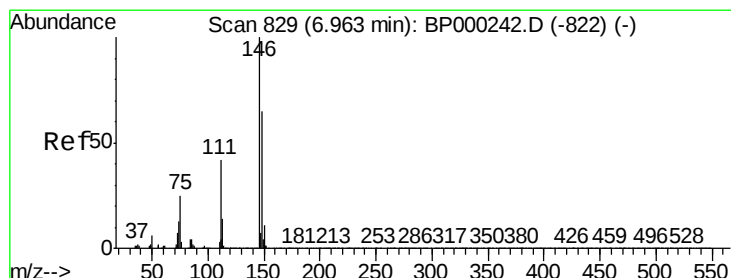
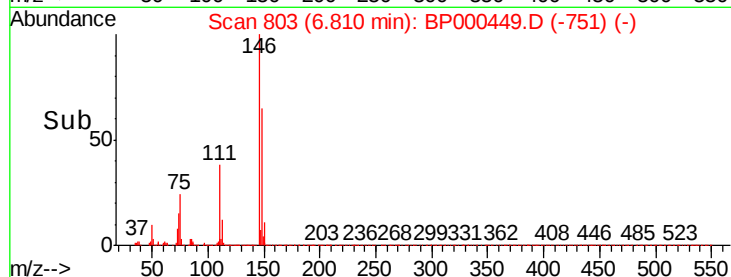
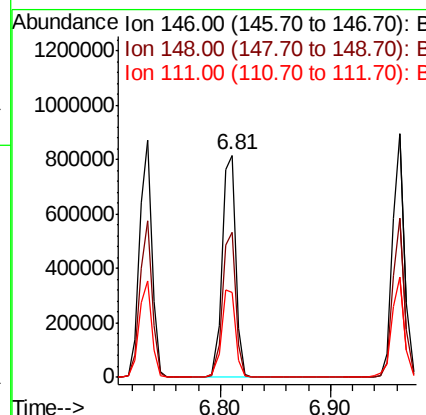
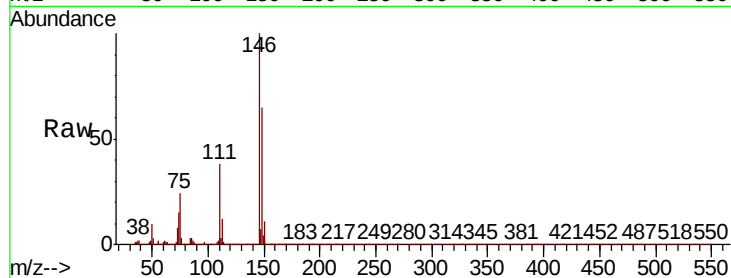




#13
 1,4-Dichlorobenzene
 Concen: 43.495 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BP000449.D
 Acq: 27 Sep 2019 11:54

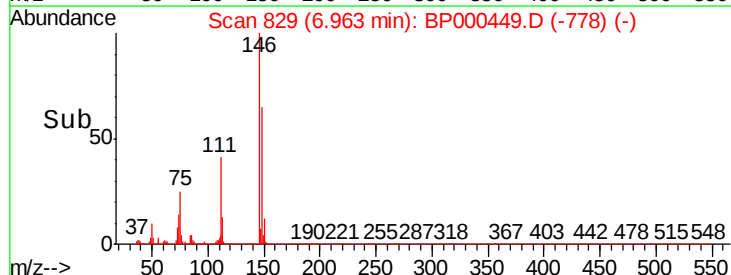
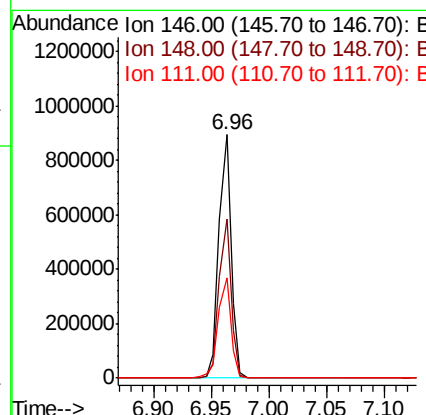
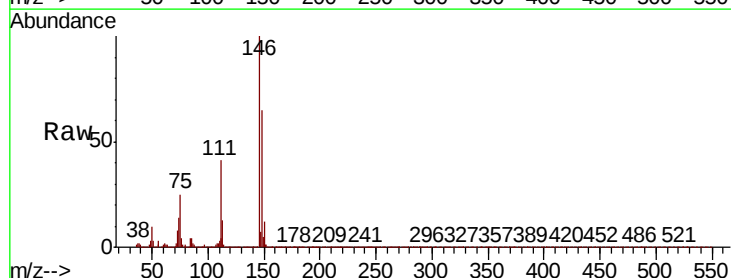
Instrument :
 BNA_P
 ClientSampled :

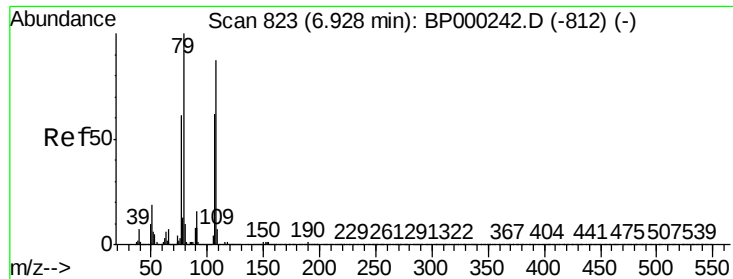
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.7	76.1
111	38.1	34.1	51.1



#14
 1,2-Dichlorobenzene
 Concen: 44.749 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BP000449.D
 Acq: 27 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
111	41.0	33.4	50.2





#15

Benzyl Alcohol

Concen: 41.902 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampleId :

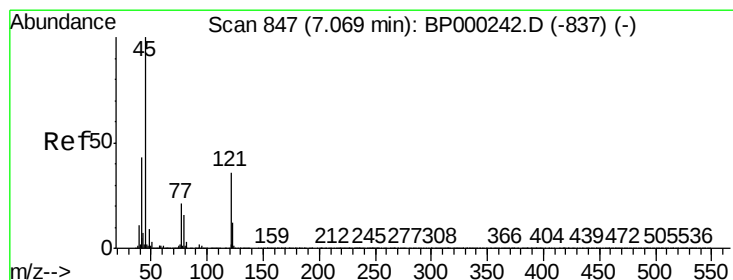
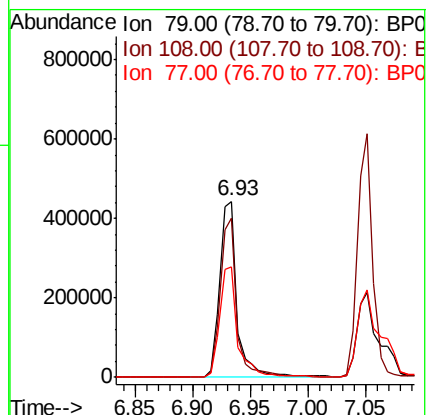
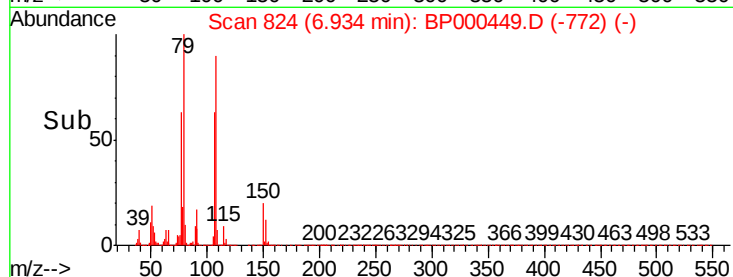
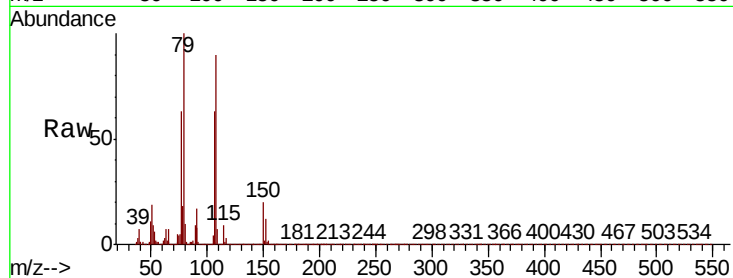
Tot Ion: 79 Resp: 467439

Ion Ratio Lower Upper

79 100

108 90.1 69.2 103.8

77 62.9 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.256 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

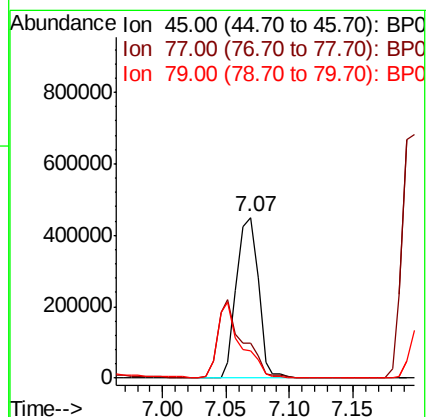
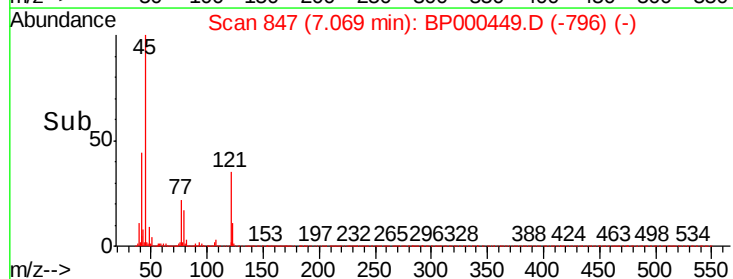
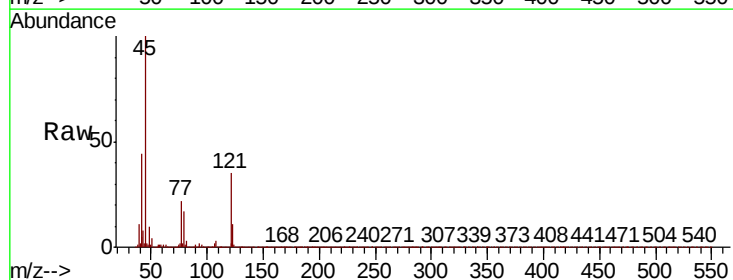
Tgt Ion: 45 Resp: 534307

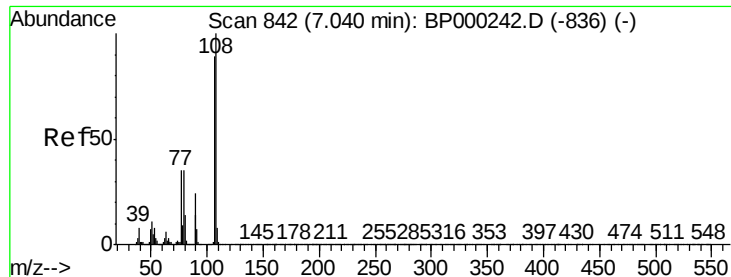
Ion Ratio Lower Upper

45 100

77 21.7 0.7 40.7

79 17.3 0.0 36.4

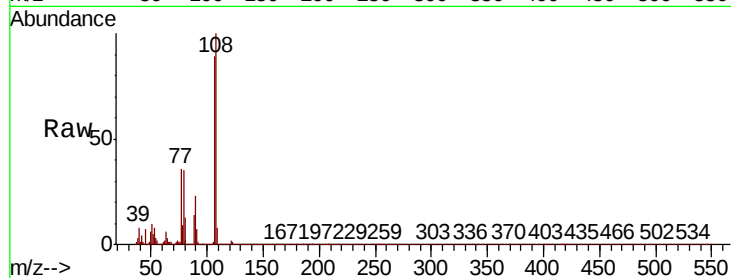




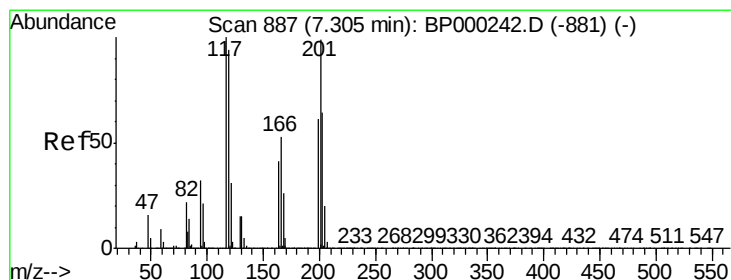
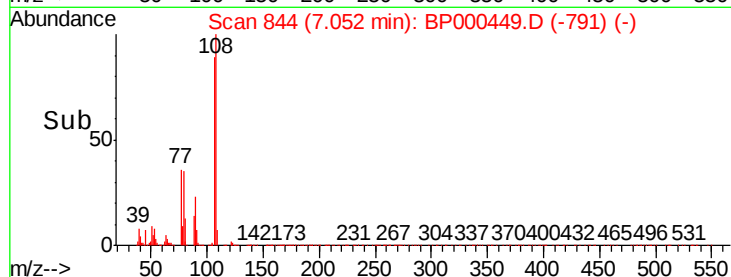
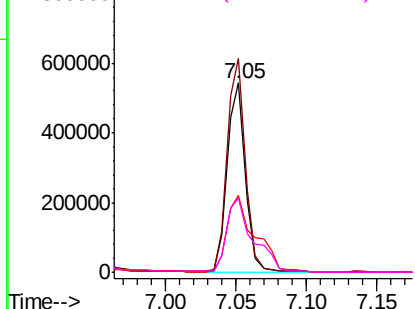
#17
2-Methylphenol
Concen: 42.103 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Instrument :
BNA_P
ClientSampled :

Tot Ion:	107	Resp:	485604
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.1	135.1
77	40.3	31.5	47.3
79	39.2	32.2	48.2

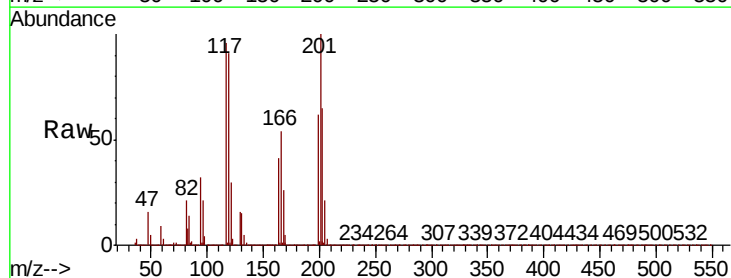


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

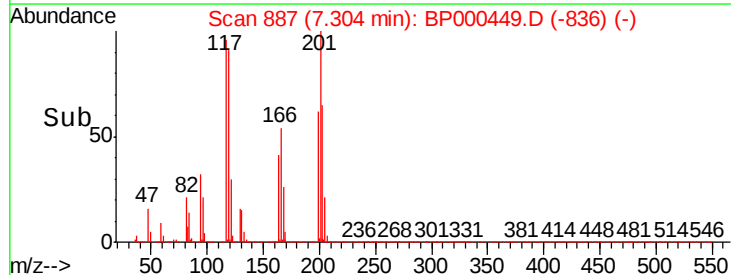
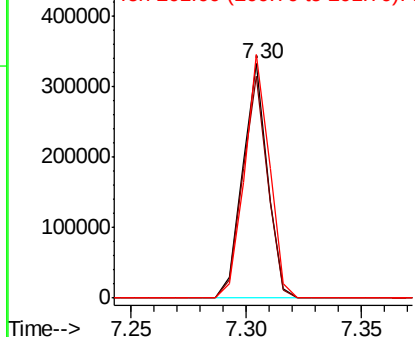


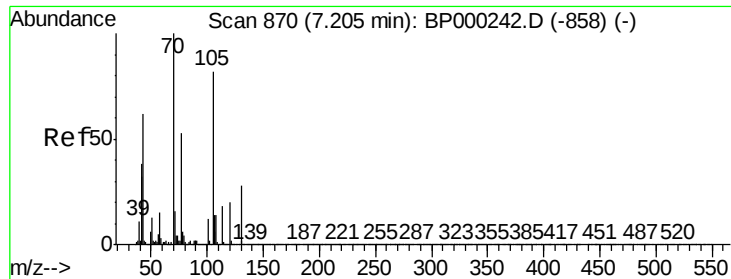
#18
Hexachloroethane
Concen: 41.813 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:	117	Resp:	248785
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.6	113.4
201	104.0	79.4	119.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

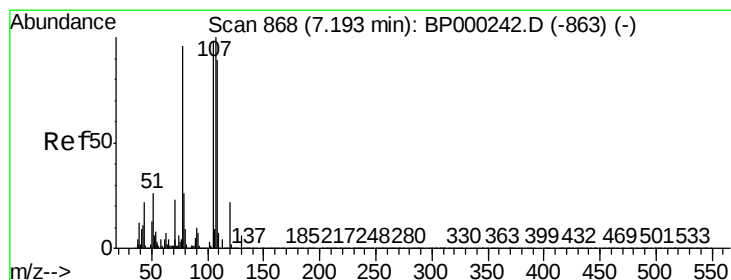
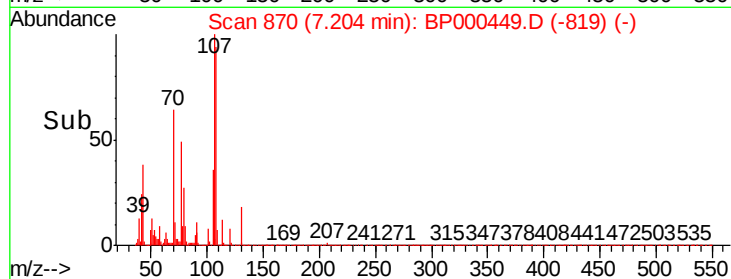
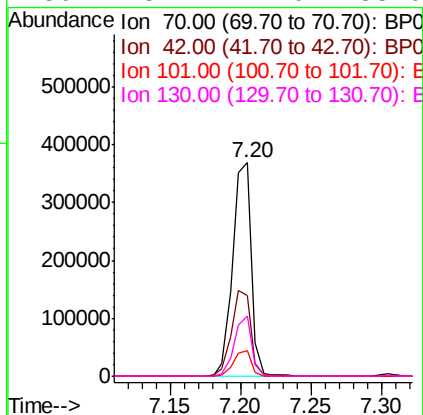
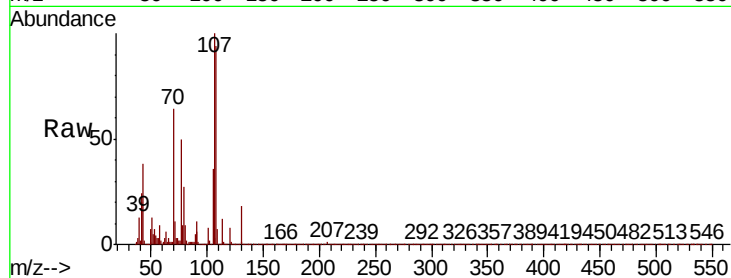




#19
n-Nitroso-di-n-propylamine
Concen: 41.906 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

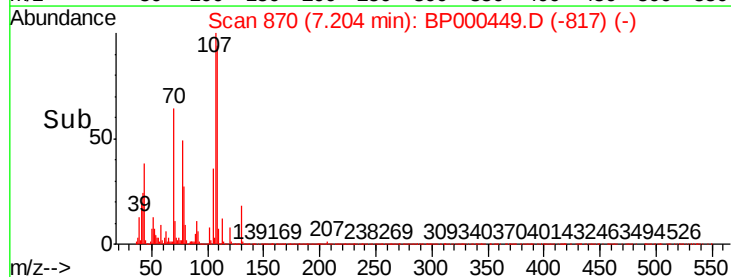
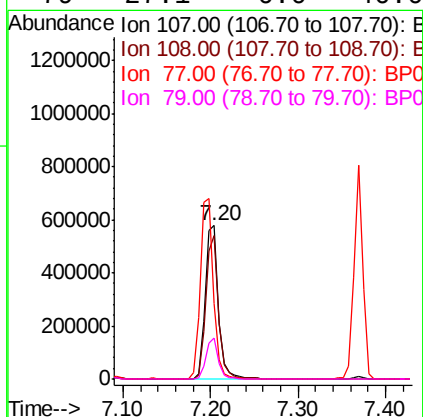
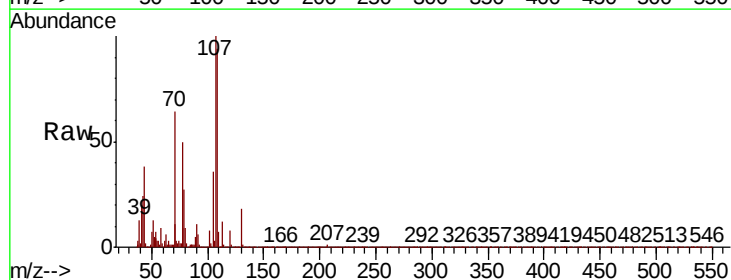
Instrument :
BNA_P
ClientSampleId :

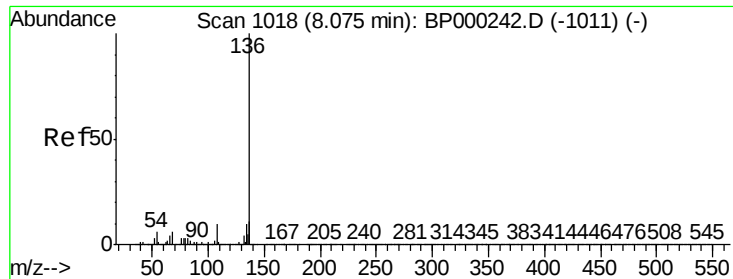
Tot Ion:	70	Resp:	339637
Ion	Ratio	Lower	Upper
70	100		
42	37.8	30.7	46.1
101	12.1	9.6	14.4
130	28.1	22.0	33.0



#20
3+4-Methylphenols
Concen: 43.158 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:	107	Resp:	601940
Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.8	108.8
77	49.5	75.7	115.7#
79	27.1	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: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 820133

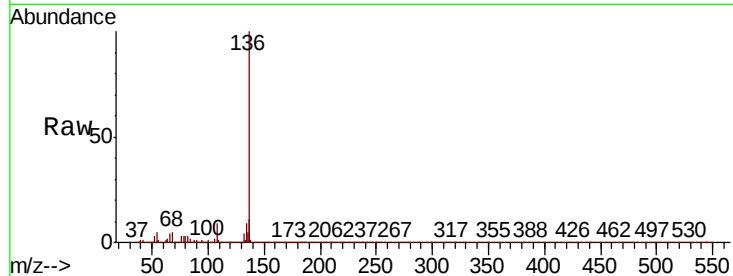
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.4 4.5 6.7

68 5.5 4.5 6.7



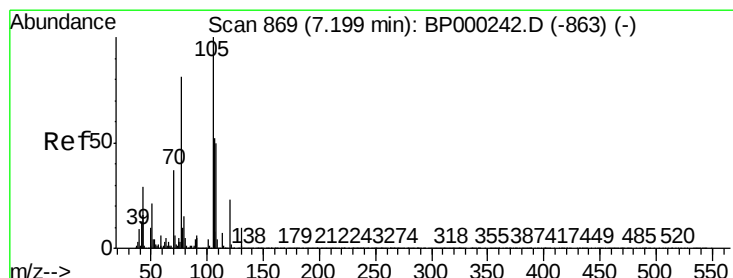
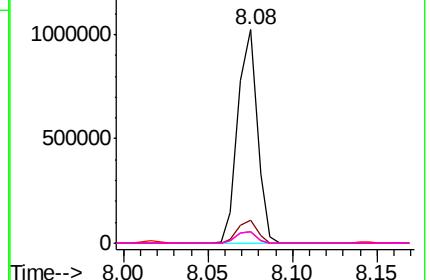
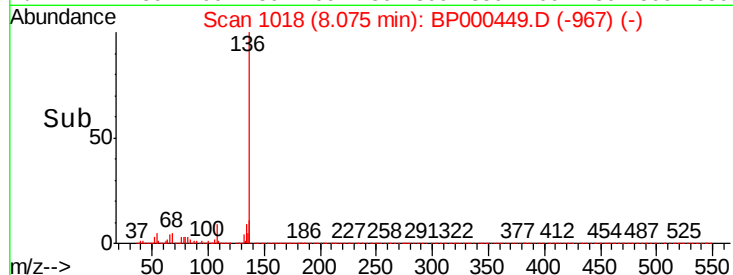
Abundance

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: 44.524 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Tgt Ion:105 Resp: 791338

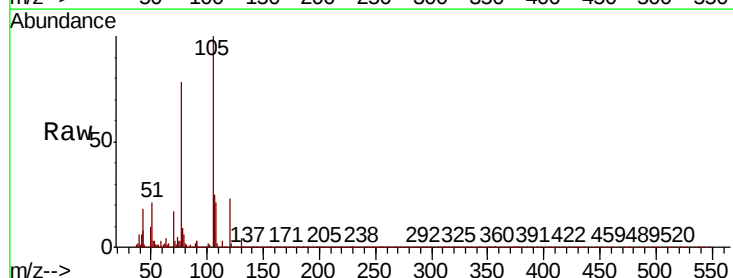
Ion Ratio Lower Upper

105 100

71 3.0 5.2 7.8#

51 20.9 16.6 24.8

120 23.0 18.5 27.7



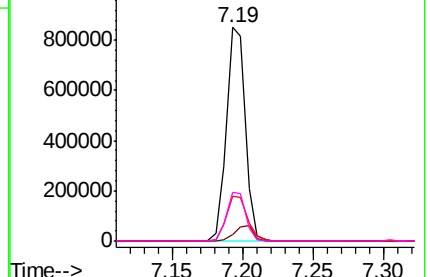
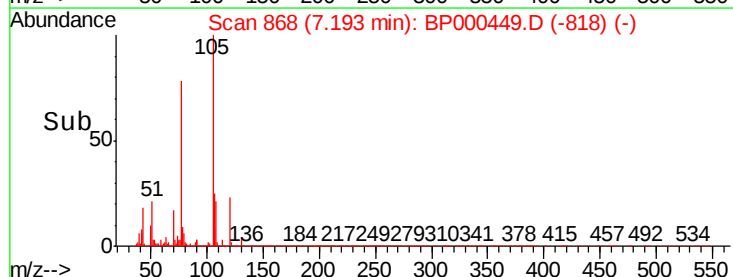
Abundance

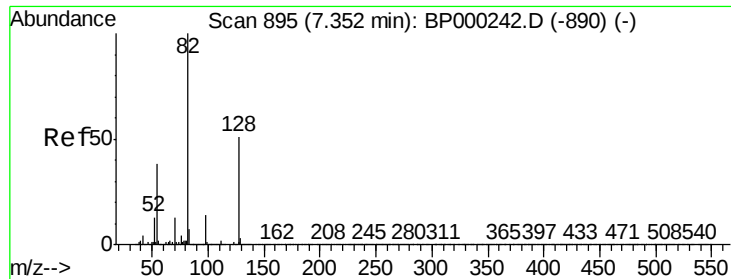
Ion 105.00 (104.70 to 105.70): E

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

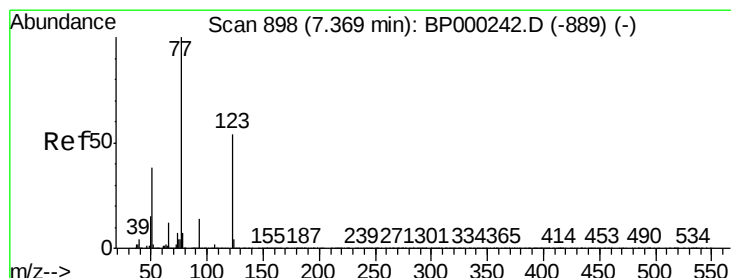
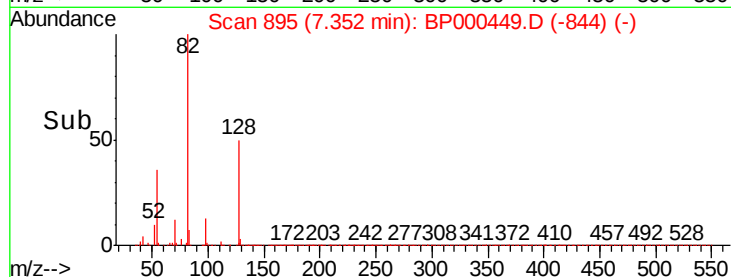
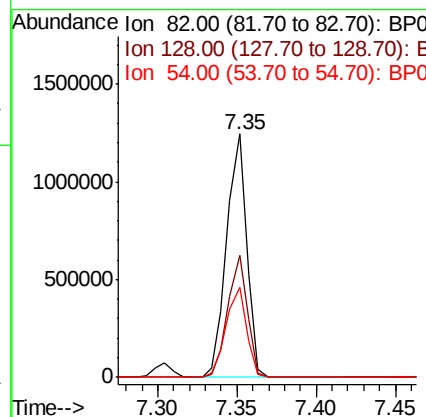
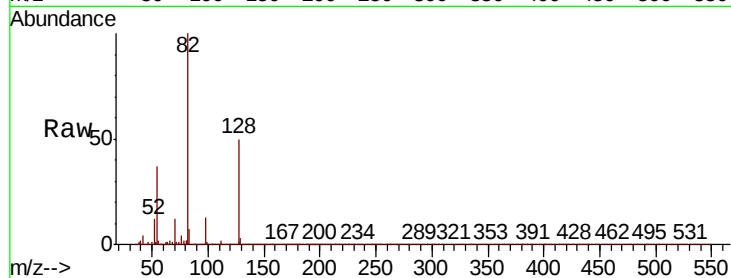




#23
Nitrobenzene-d5
Concen: 86.373 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

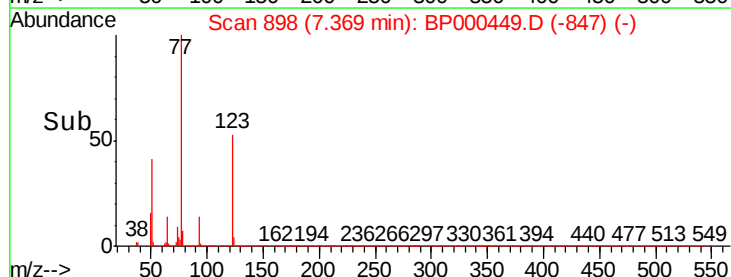
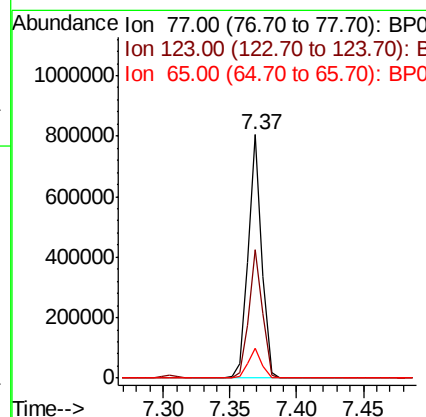
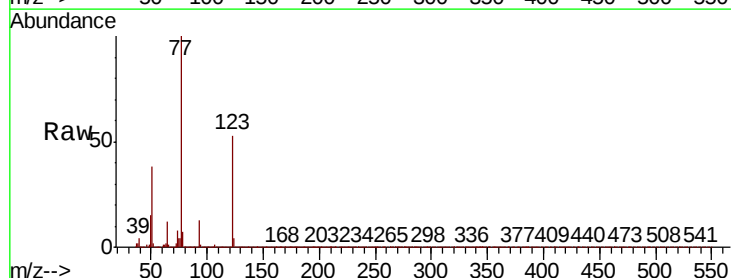
Instrument :
BNA_P
ClientSampleId :

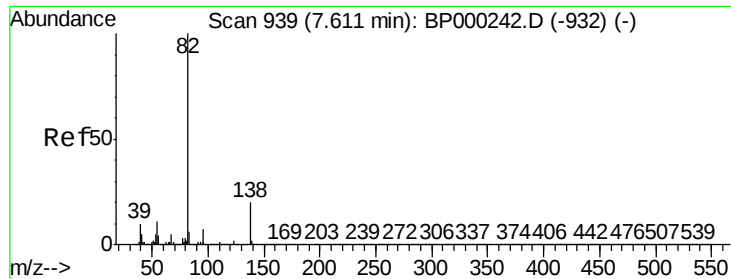
Tot Ion: 82 Resp: 1097919
Ion Ratio Lower Upper
82 100
128 50.2 40.7 61.1
54 37.2 30.1 45.1



#24
Nitrobenzene
Concen: 42.757 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion: 77 Resp: 564519
Ion Ratio Lower Upper
77 100
123 52.5 43.1 64.7
65 12.0 9.4 14.2





#25

Isophorone

Concen: 41.320 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampleId :

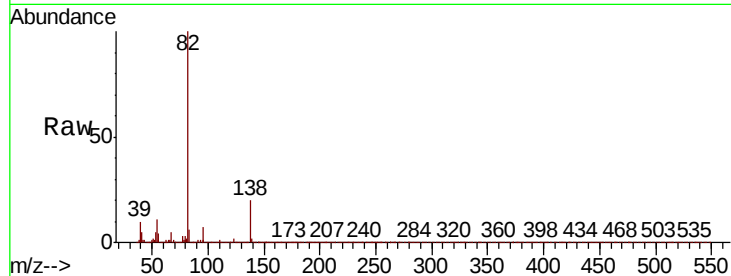
Tot Ion: 82 Resp: 1040037

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

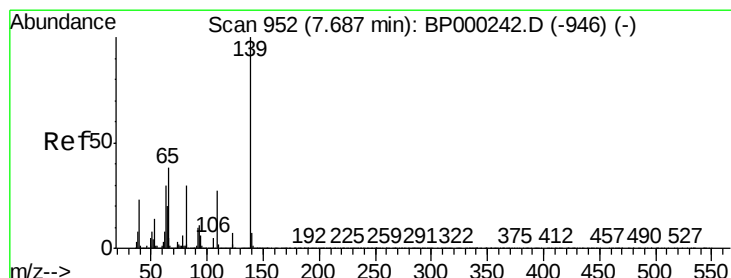
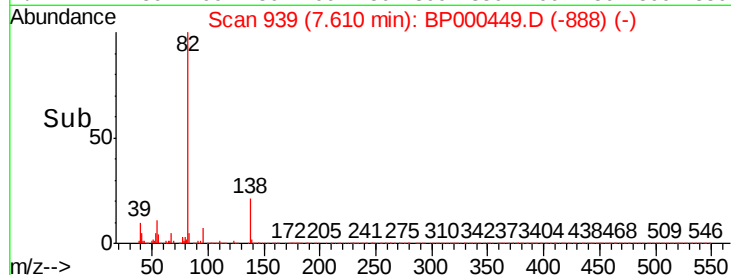
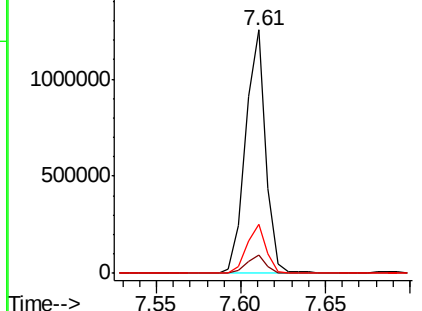
138 20.4 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 43.310 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

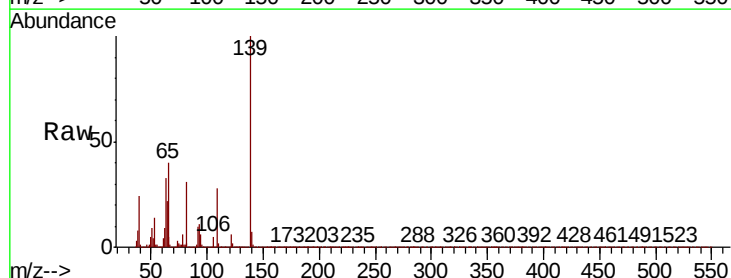
Tgt Ion: 139 Resp: 303147

Ion Ratio Lower Upper

139 100

109 28.1 21.8 32.6

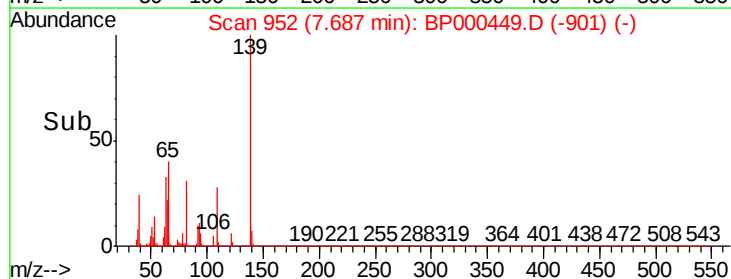
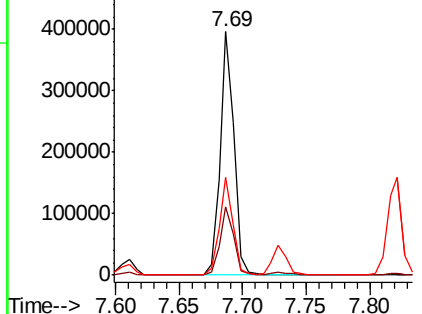
65 40.2 30.5 45.7

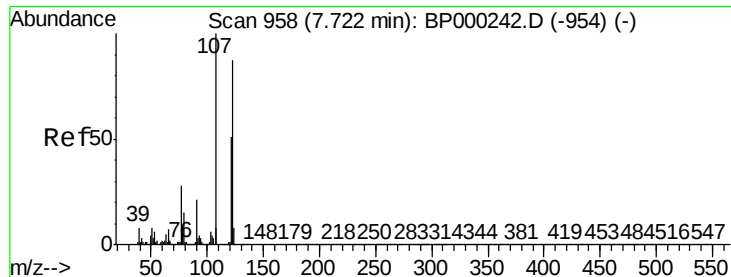


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

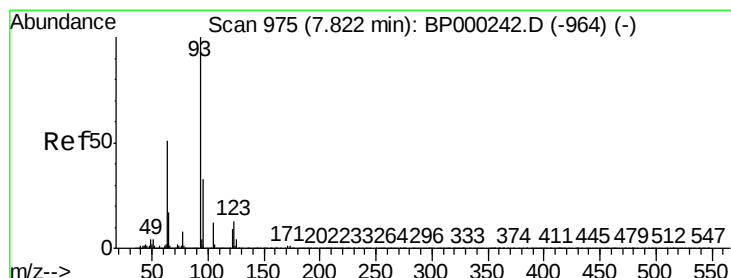
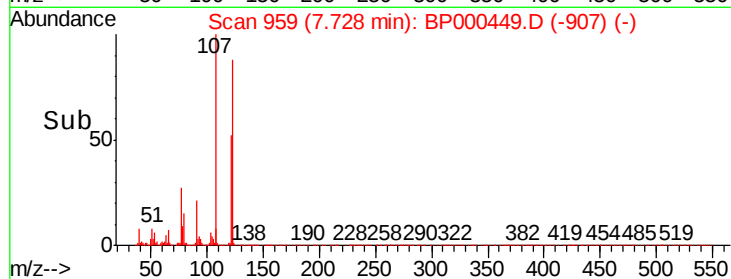
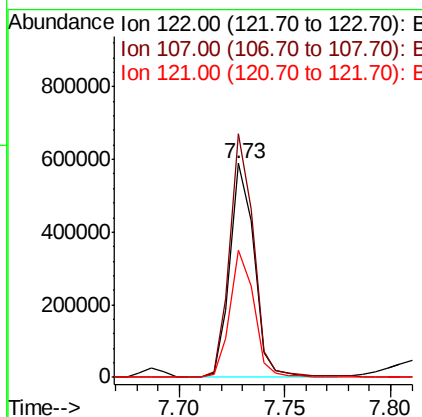
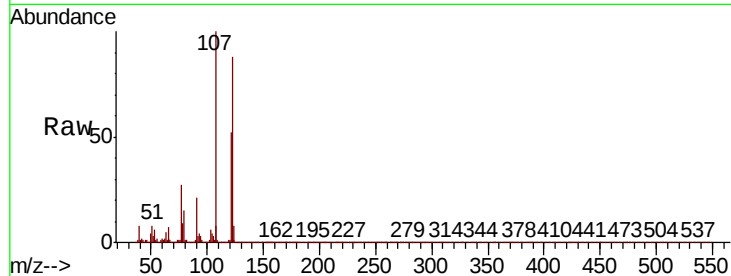




#27
2,4-Dimethylphenol
Concen: 41.977 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

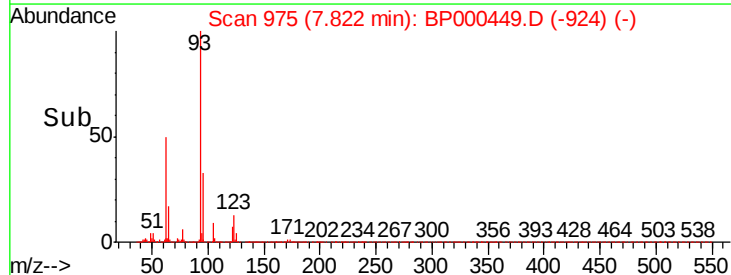
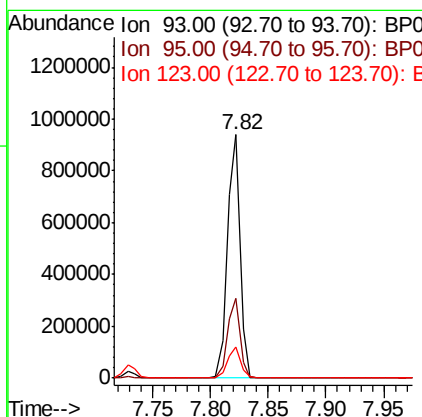
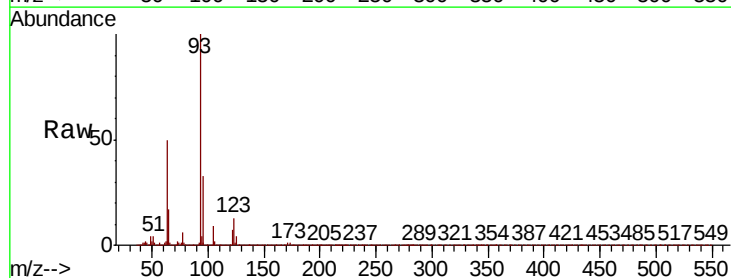
Instrument :
BNA_P
ClientSampleId :

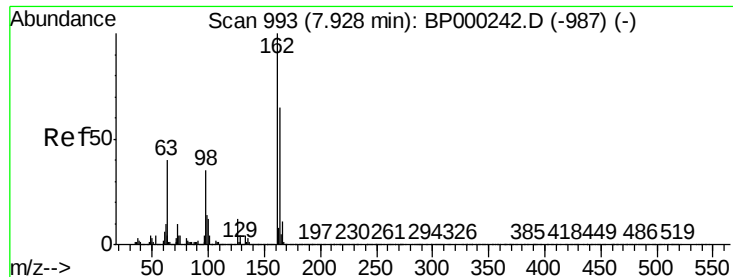
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.8	91.5	137.3
121	59.3	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.415 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	12.6	10.2	15.2

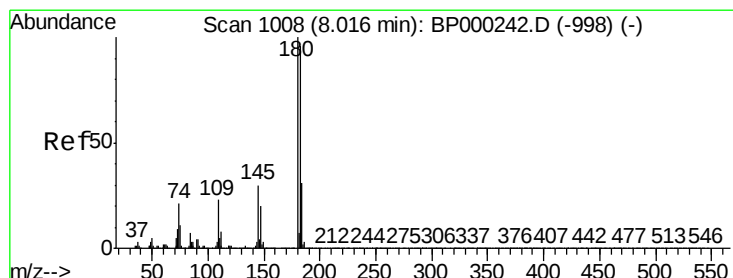
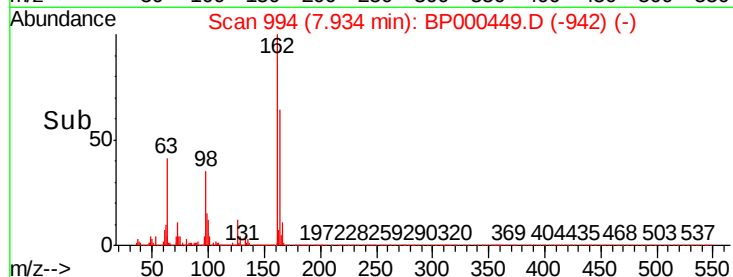
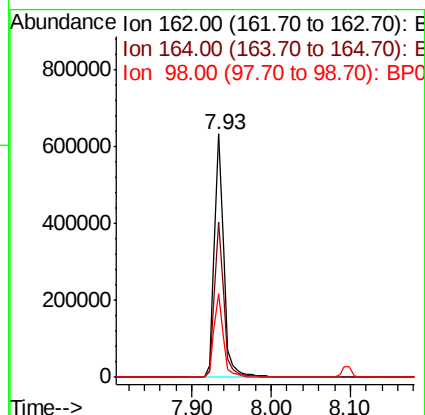
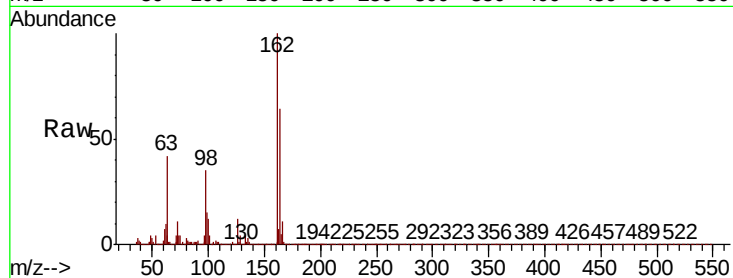




#29
2,4-Dichlorophenol
Concen: 43.273 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

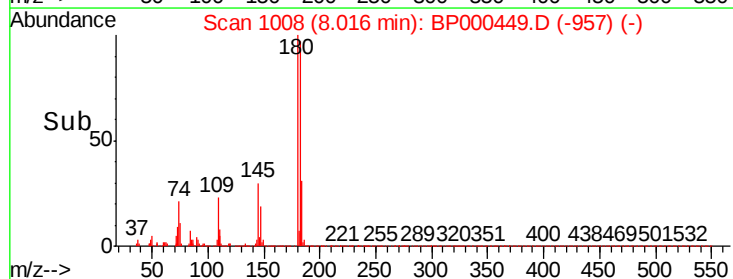
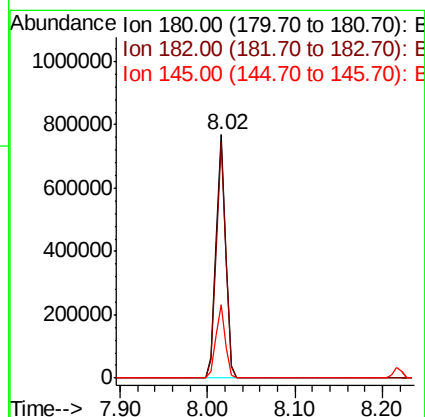
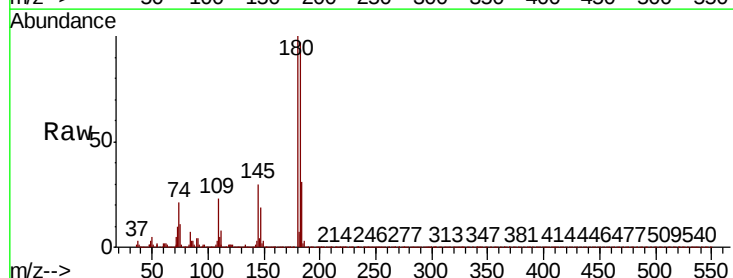
Instrument :
BNA_P
ClientSampleId :

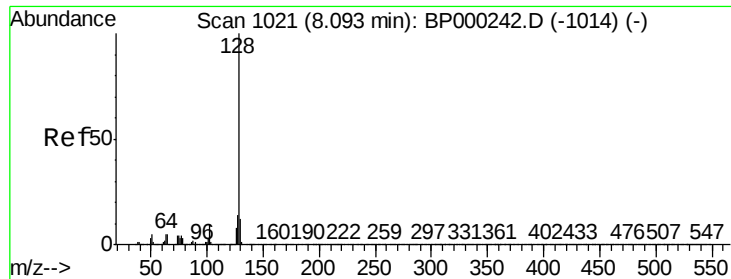
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.5	84.5
98	34.6	15.2	55.2



#30
1,2,4-Trichlorobenzene
Concen: 43.339 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.2	115.8
145	30.2	24.3	36.5

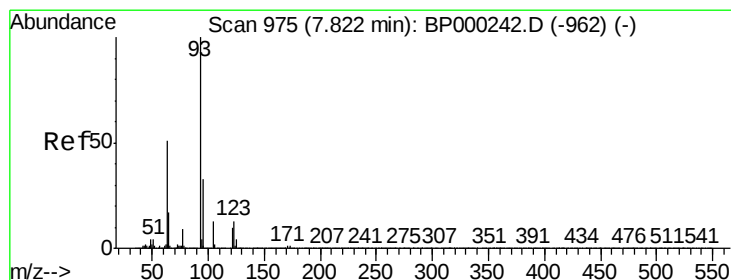
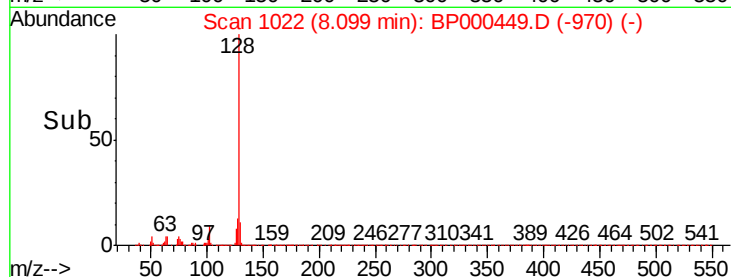
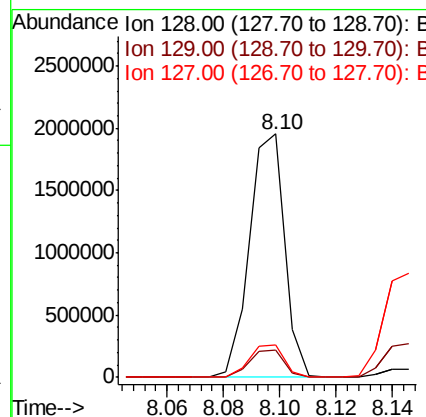
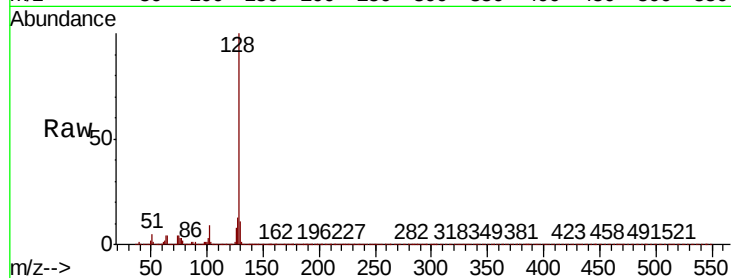




#31
Naphthalene
Concen: 44.433 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

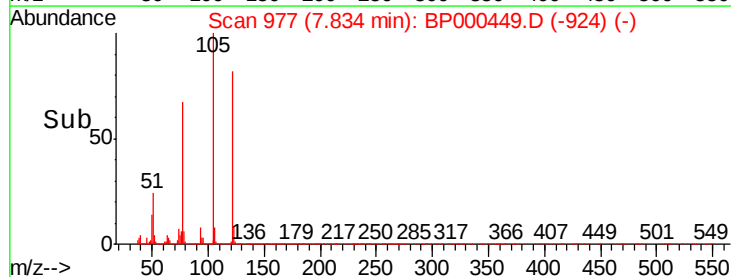
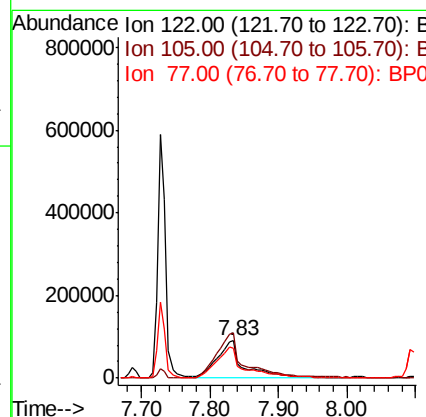
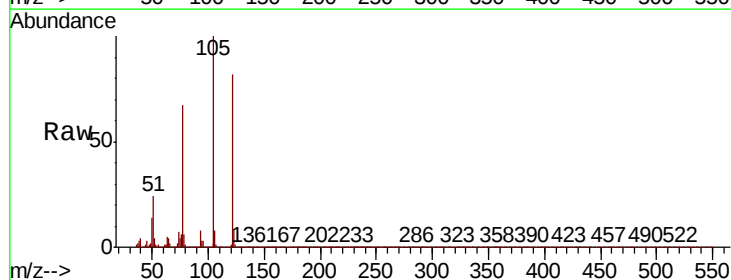
Instrument :
BNA_P
ClientSampleId :

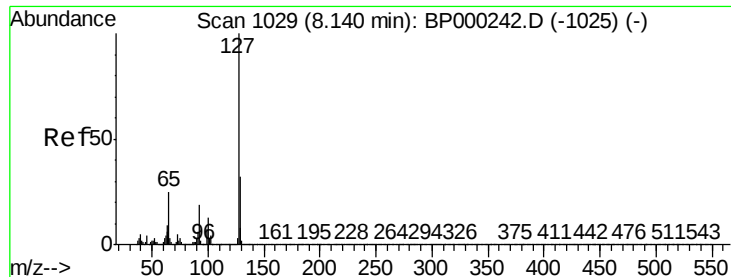
Tot Ion:128 Resp: 1687724
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.4 11.0 16.6



#32
Benzoic acid
Concen: 31.471 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:122 Resp: 236914
Ion Ratio Lower Upper
122 100
105 122.0 105.4 145.4
77 81.7 65.3 105.3

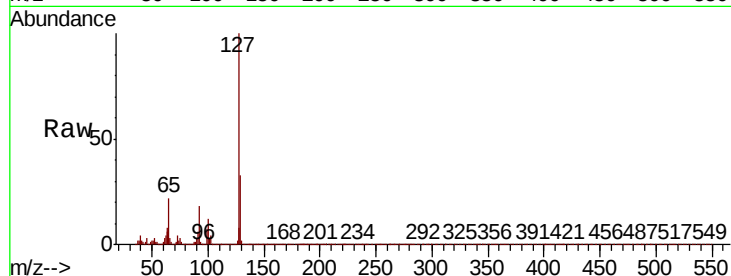




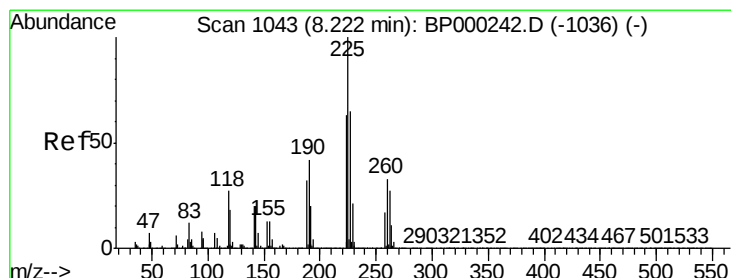
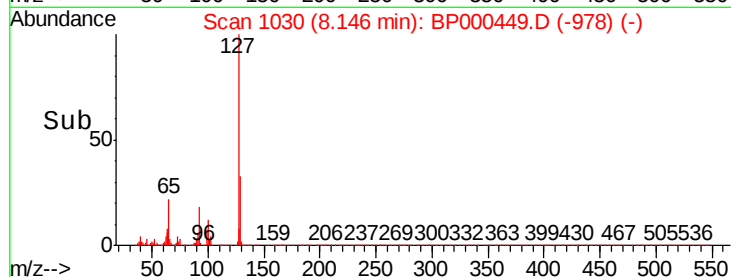
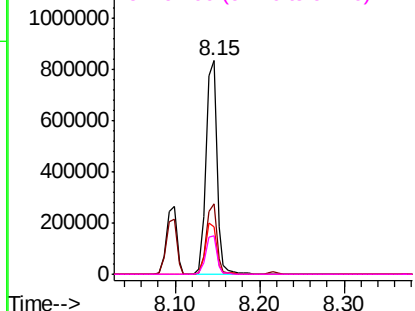
#33
4-Chloroaniline
Concen: 43.655 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion:127	Resp:	750428
Ion	Ratio	Lower Upper
127	100	
129	32.8	25.7 38.5
65	22.4	19.9 29.9
92	17.7	15.4 23.0

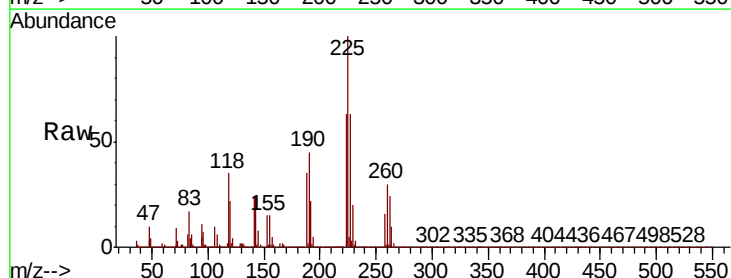


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

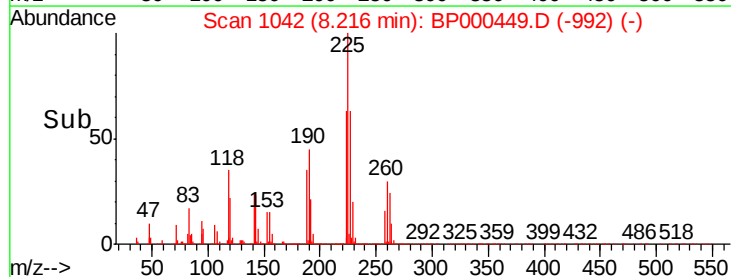
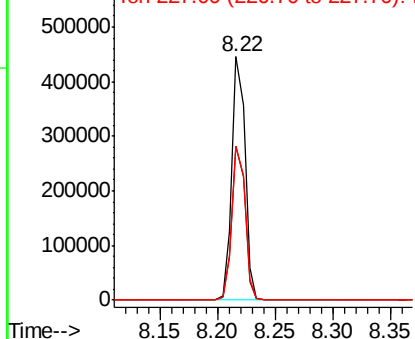


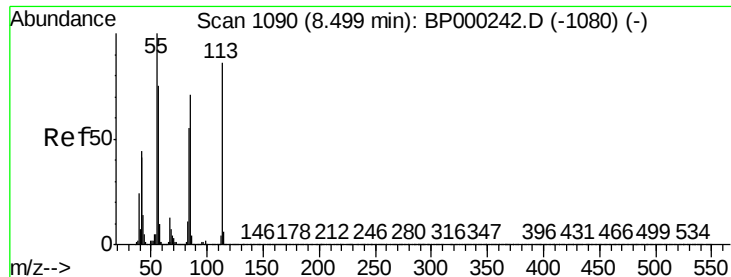
#34
Hexachlorobutadiene
Concen: 43.583 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:225	Resp:	353691
Ion	Ratio	Lower Upper
225	100	
223	63.2	50.2 75.2
227	63.1	51.8 77.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

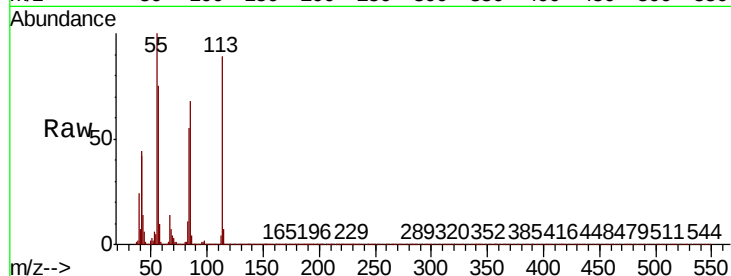




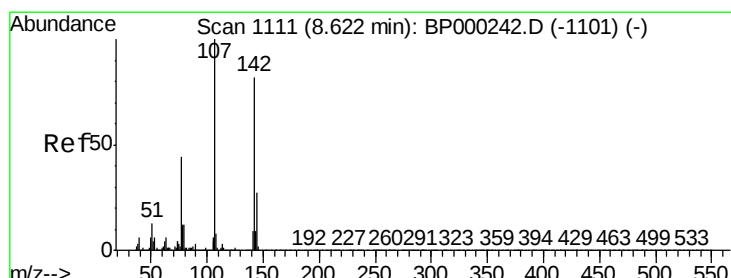
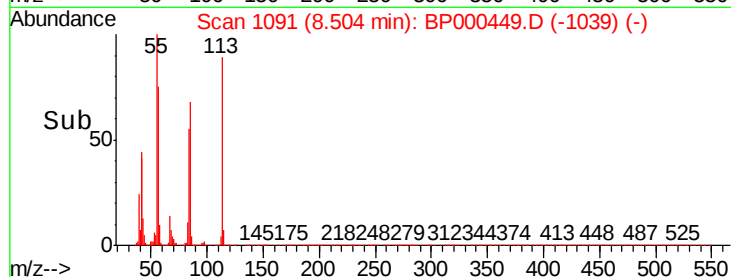
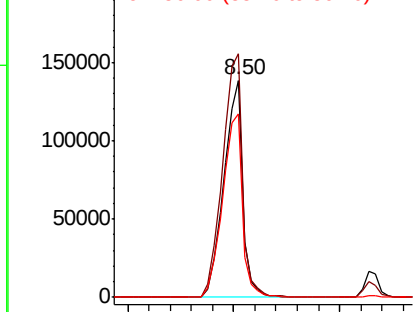
#35
Caprolactam
Concen: 42.245 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion:113 Resp: 171724
Ion Ratio Lower Upper
113 100
55 112.1 96.8 136.8
56 84.5 67.5 107.5

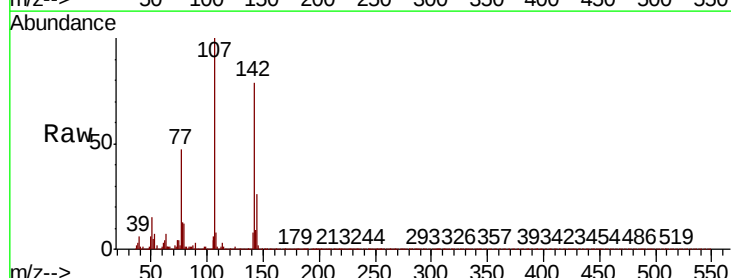


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BP0
Ion 56.00 (55.70 to 56.70): BP0

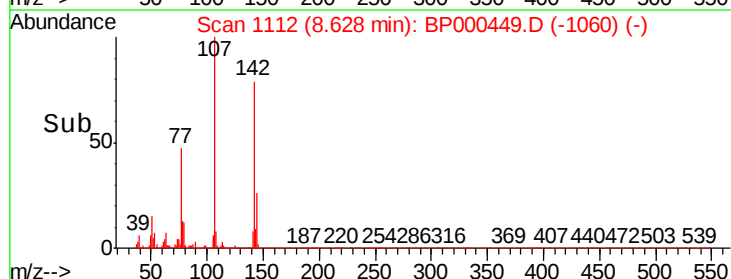
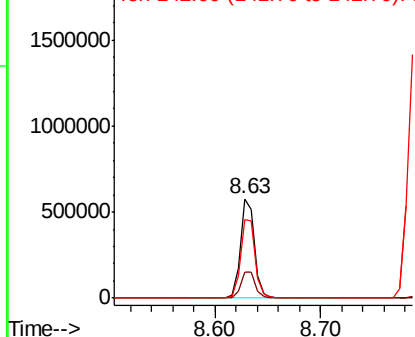


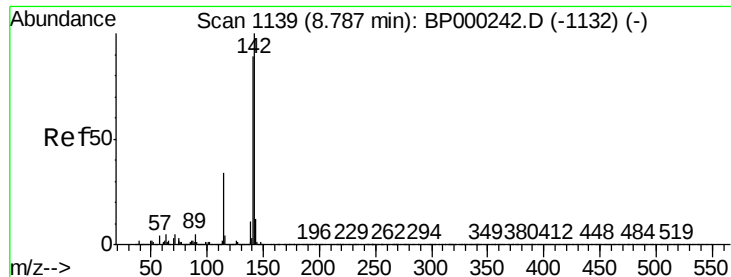
#36
4-Chloro-3-methylphenol
Concen: 42.472 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:107 Resp: 515211
Ion Ratio Lower Upper
107 100
144 25.6 21.5 32.3
142 78.7 65.7 98.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E



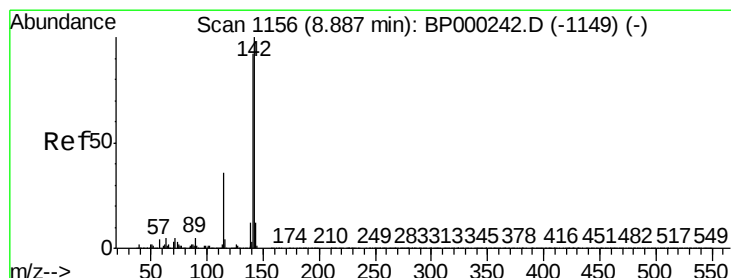
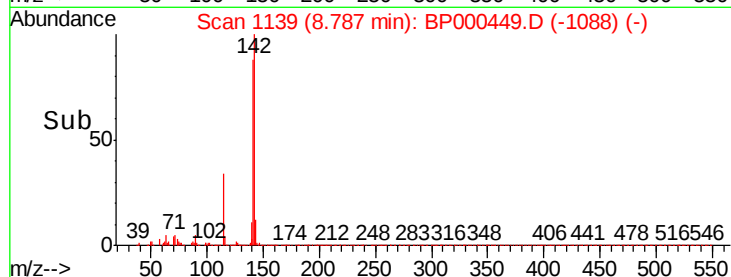
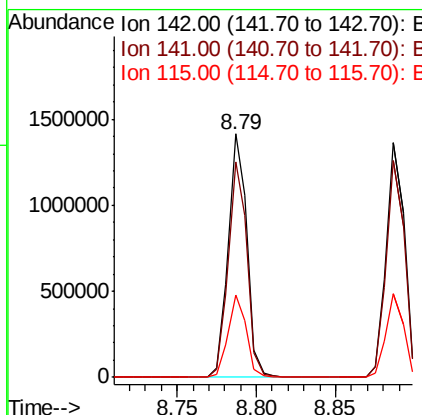
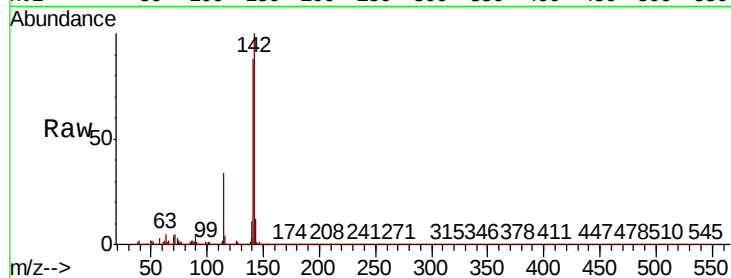


#37
 2-Methylnaphthalene
 Concen: 44.490 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BP000449.D
 Acq: 27 Sep 2019 11:54

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:142 Resp: 1155198

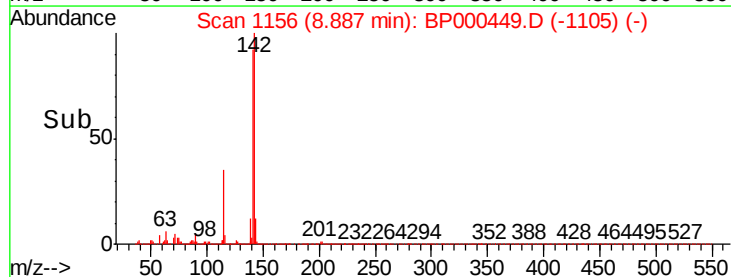
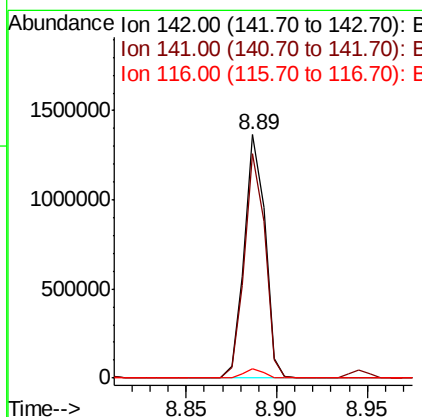
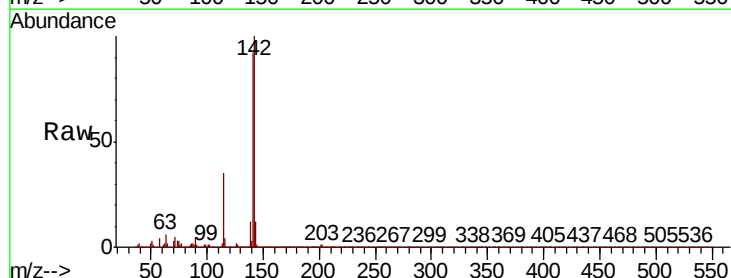
Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.3	106.9
115	34.0	27.2	40.8

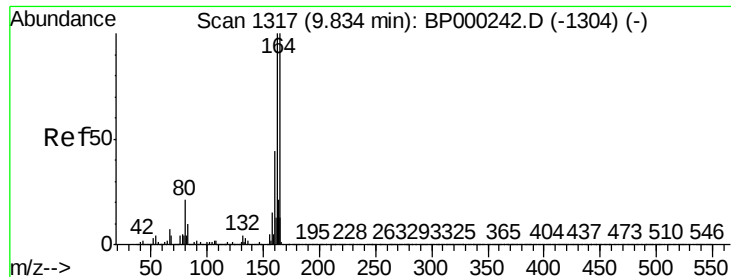


#38
 1-Methylnaphthalene
 Concen: 44.760 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BP000449.D
 Acq: 27 Sep 2019 11:54

Tgt Ion:142 Resp: 1088688

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.9	110.9
116	3.8	3.0	4.6

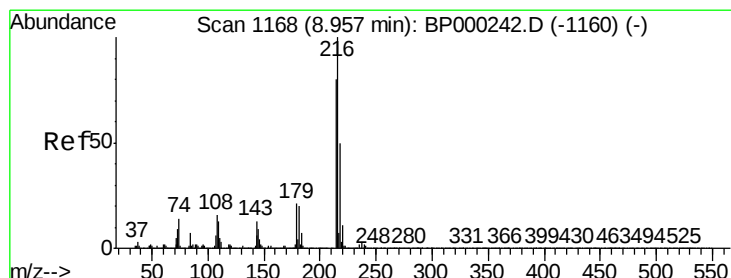
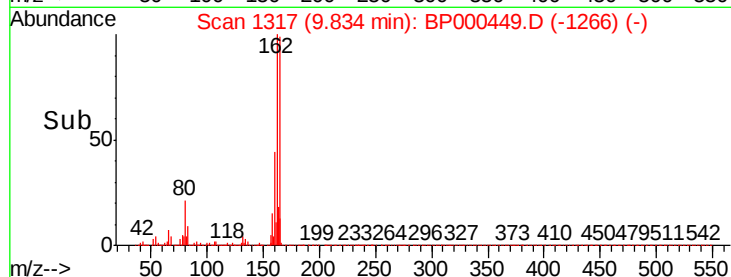
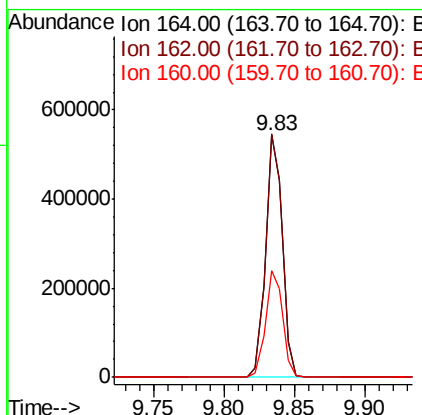
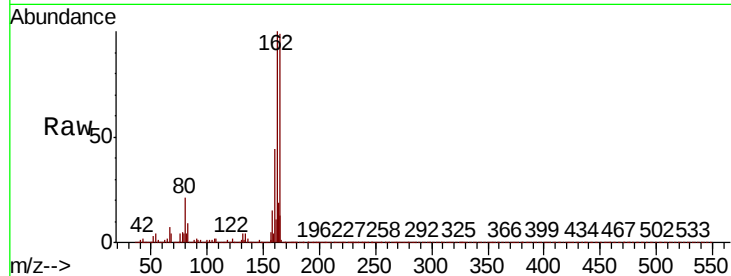




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

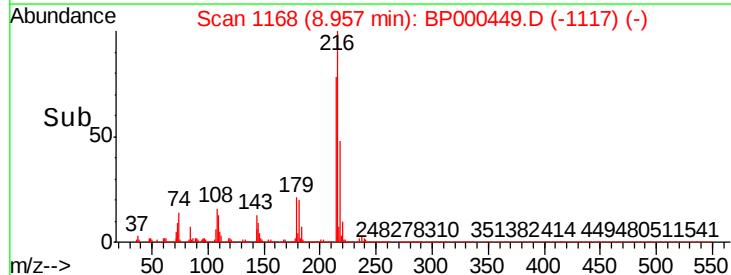
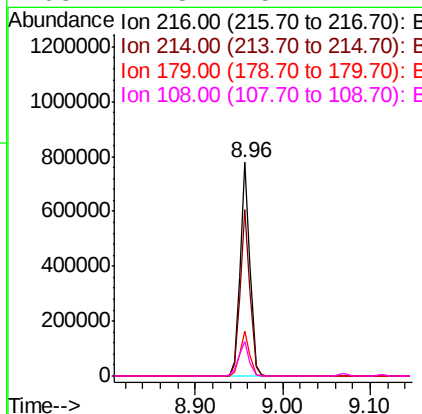
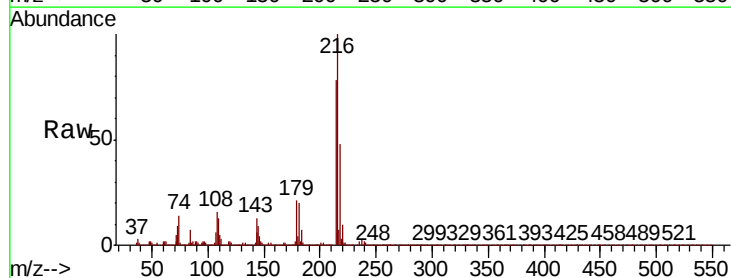
Instrument :
BNA_P
ClientSampleId :

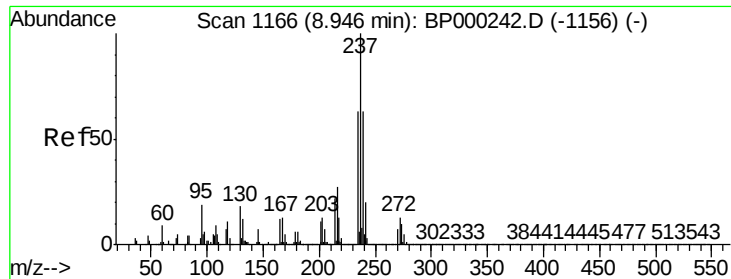
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.9	119.9
160	44.1	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.223 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.6	95.4
179	20.8	17.0	25.4
108	17.8	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 33.731 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampleId :

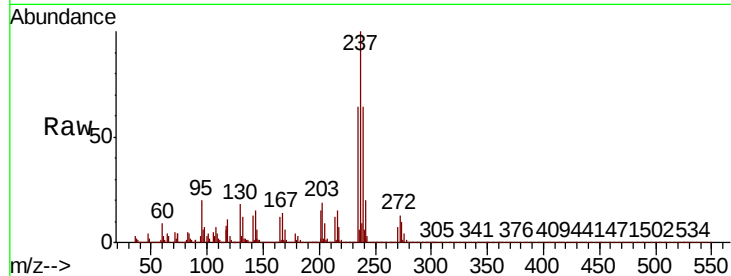
Tot Ion:237 Resp: 253474

Ion Ratio Lower Upper

237 100

235 64.1 43.5 83.5

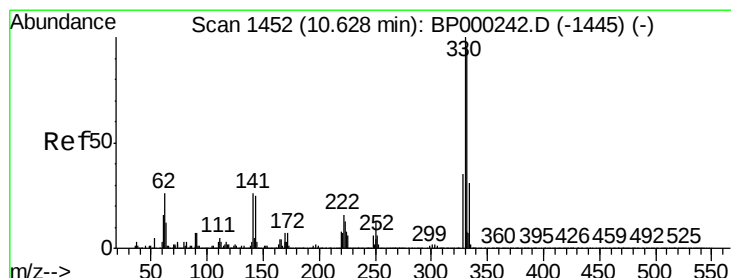
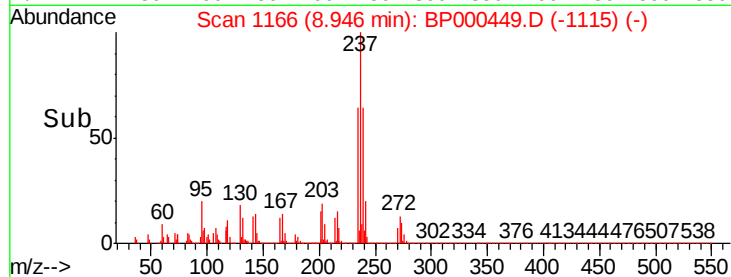
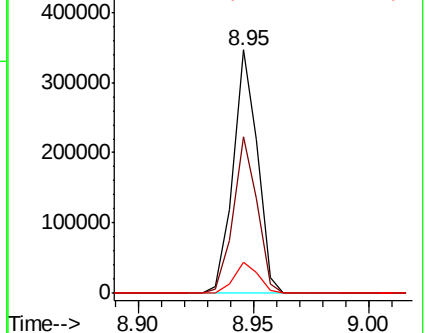
272 12.8 0.0 33.0



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: 84.944 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

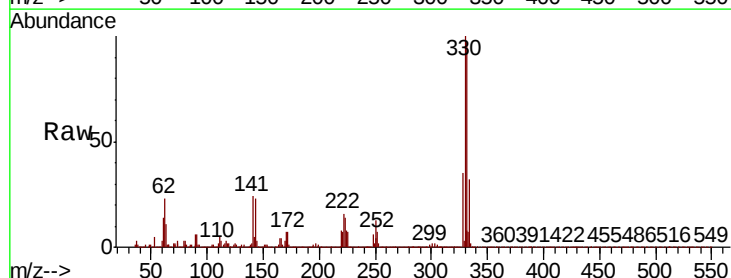
Tgt Ion:330 Resp: 385618

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

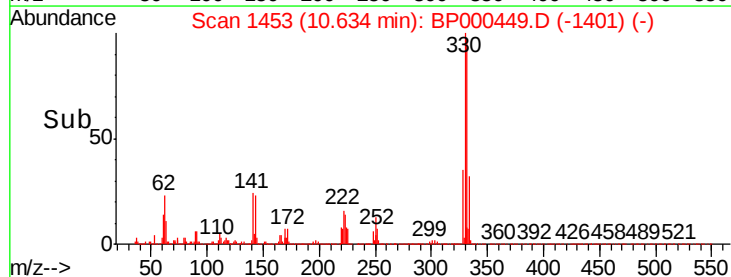
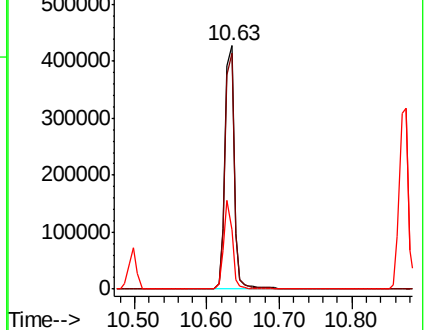
141 33.5 26.5 39.7

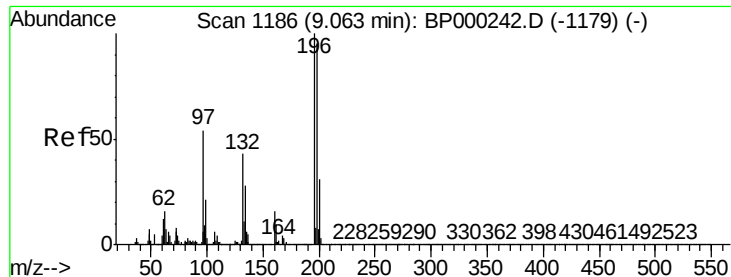


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

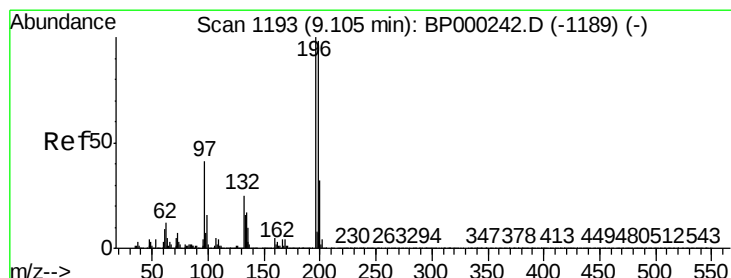
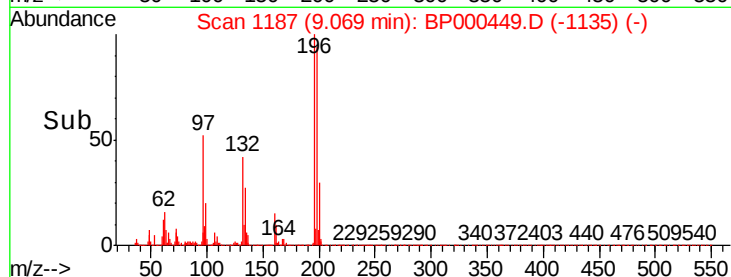
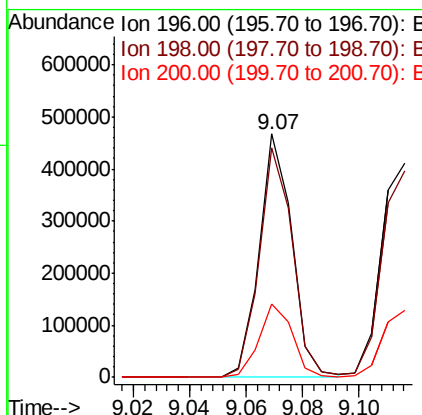
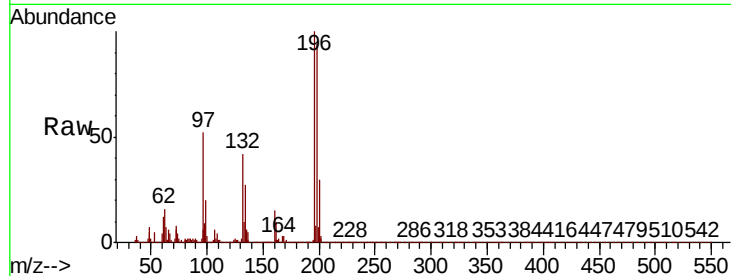




#43
 2,4,6-Trichlorophenol
 Concen: 41.505 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BP000449.D
 Acq: 27 Sep 2019 11:54

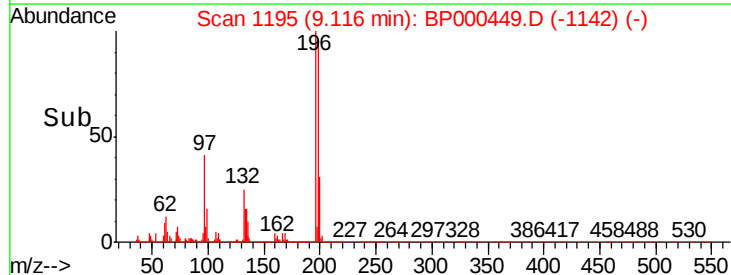
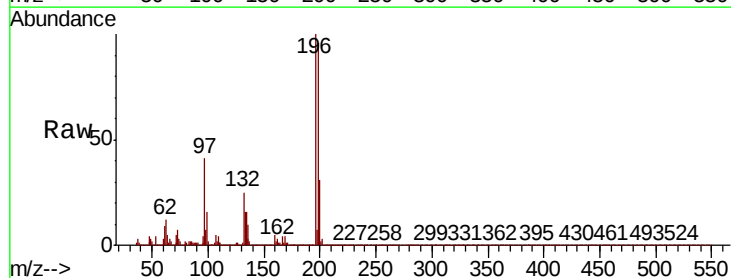
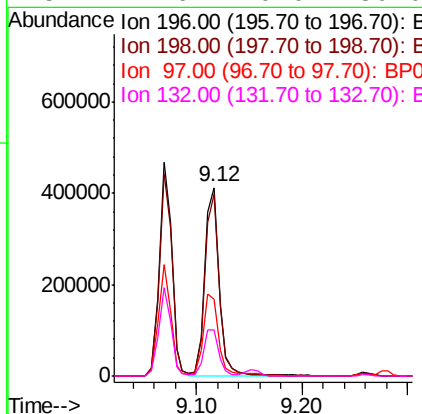
Instrument :
 BNA_P
 ClientSampleId :

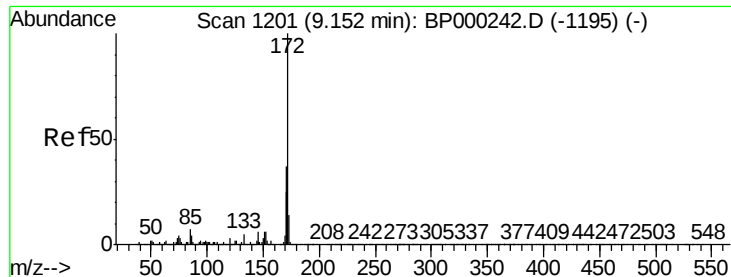
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.0	114.0
200	29.9	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.093 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BP000449.D
 Acq: 27 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	78.1	117.1
97	40.8	33.3	49.9
132	24.6	20.0	30.0

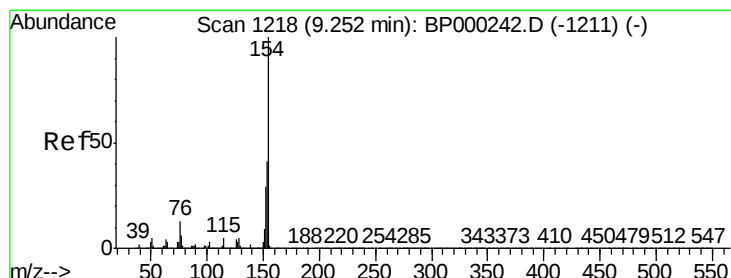
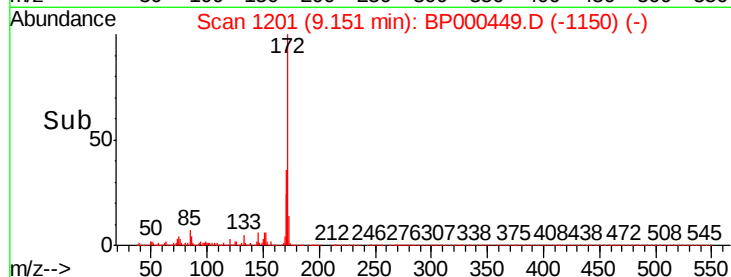
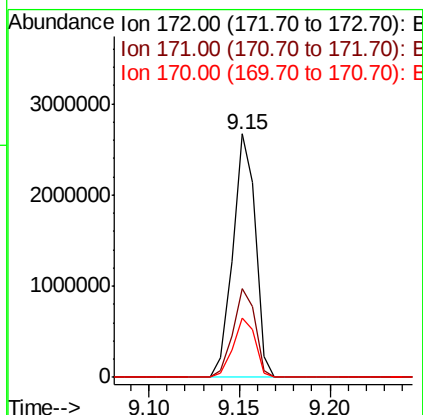
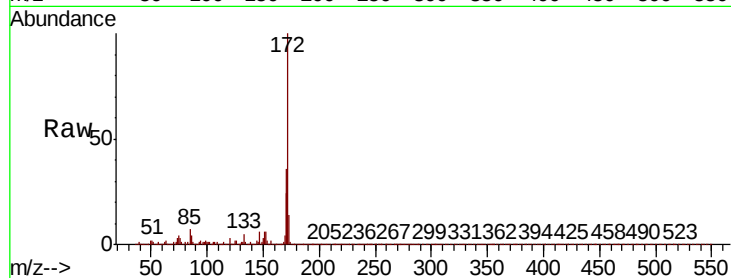




#45
2-Fluorobiphenyl
Concen: 90.809 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

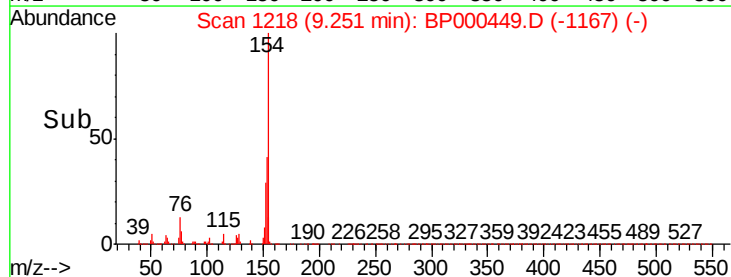
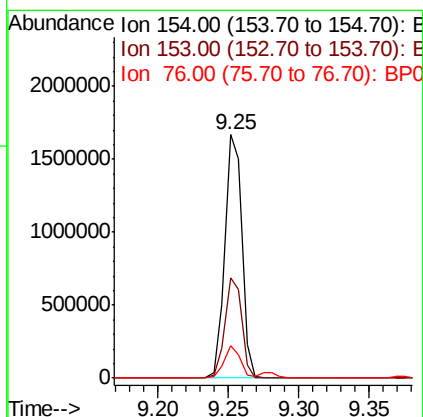
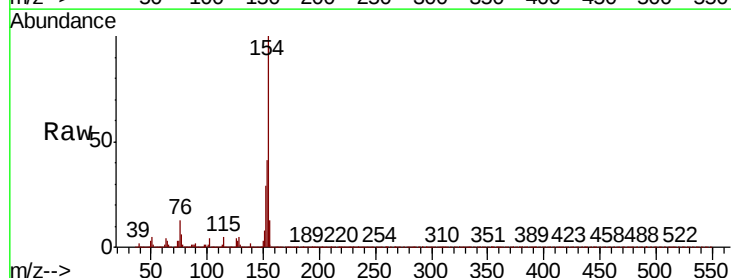
Instrument :
BNA_P
ClientSampleId :

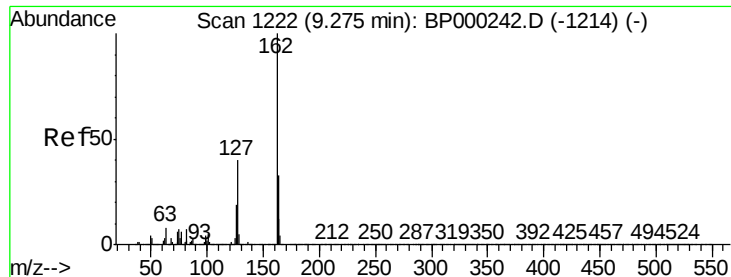
Tot Ion:172 Resp: 2309274
Ion Ratio Lower Upper
172 100
171 36.2 29.8 44.6
170 24.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 44.126 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:154 Resp: 1397116
Ion Ratio Lower Upper
154 100
153 41.0 21.4 61.4
76 13.4 0.0 33.4





#47

2-Chloronaphthalene

Concen: 44.011 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampleId :

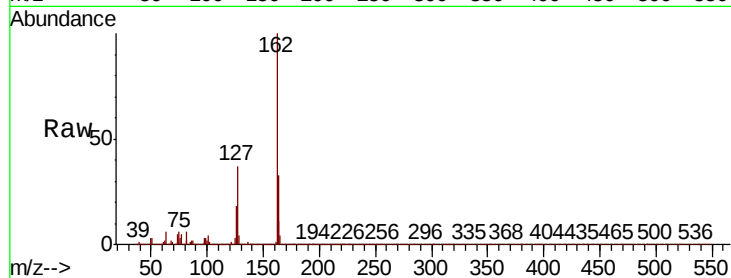
Tot Ion:162 Resp: 1168927

Ion	Ratio	Lower	Upper
162	100		
127	37.0	32.4	48.6
164	33.3	26.3	39.5

162 100

127 37.0 32.4 48.6

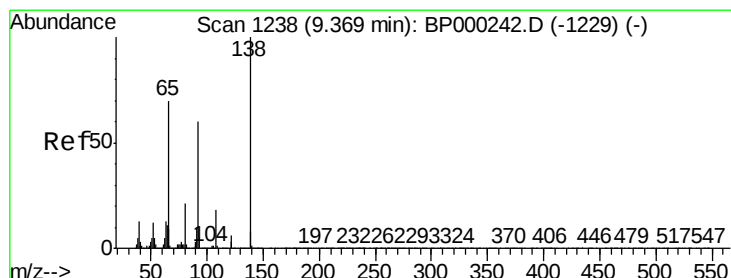
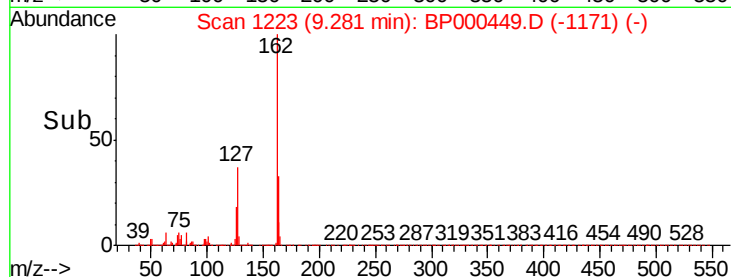
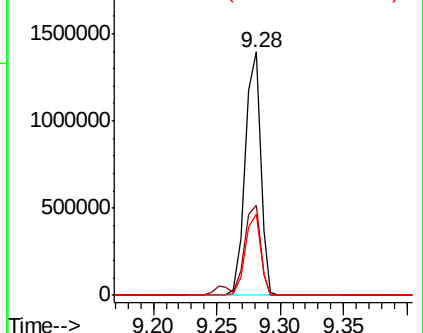
164 33.3 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 43.539 ng

RT: 9.37 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

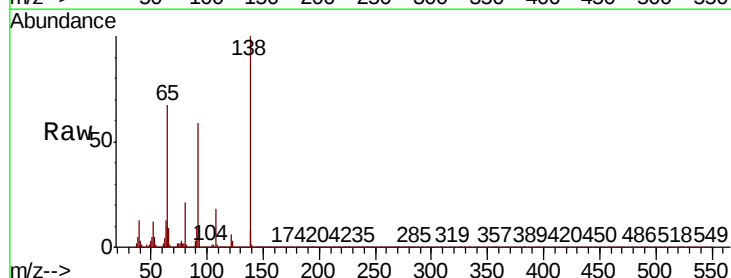
Tgt Ion: 65 Resp: 293663

Ion	Ratio	Lower	Upper
65	100		
92	87.3	68.7	103.1
138	148.8	114.4	171.6

65 100

92 87.3 68.7 103.1

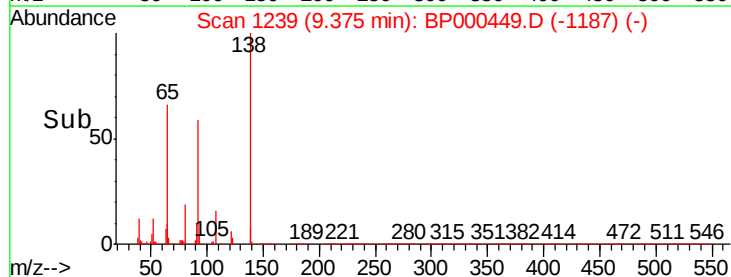
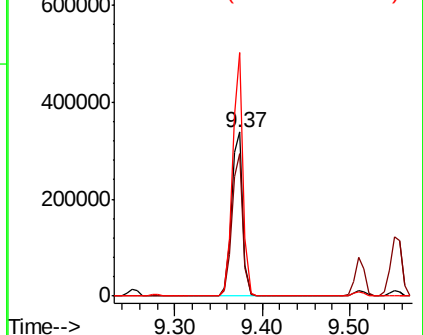
138 148.8 114.4 171.6

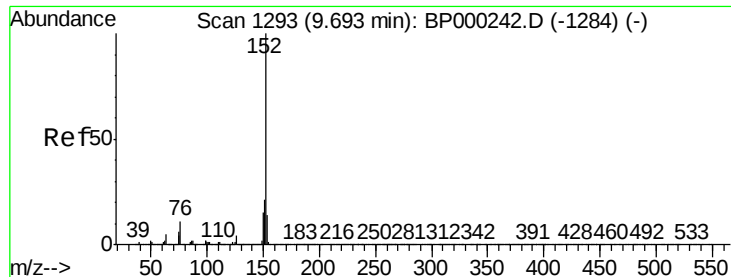


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.921 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampleId :

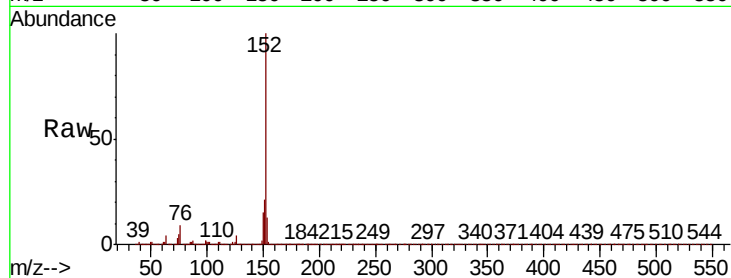
Tot Ion:152 Resp: 1753509

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.4	11.0	16.4

152 100

151 20.5 16.4 24.6

153 13.4 11.0 16.4

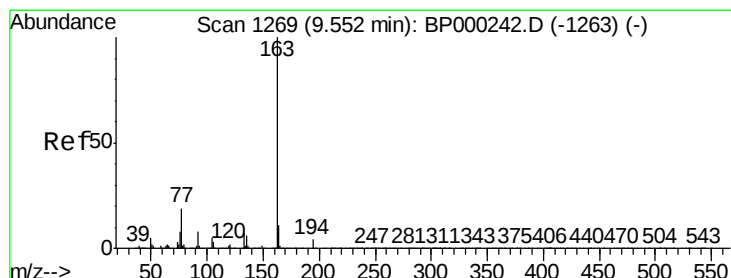
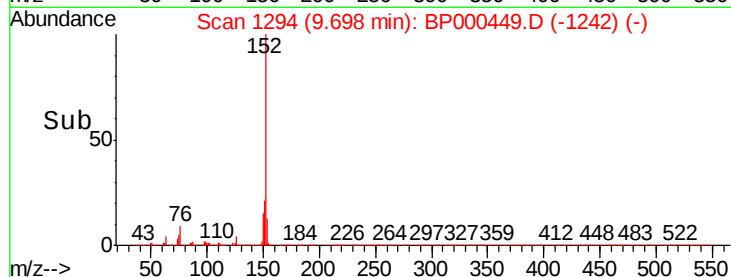
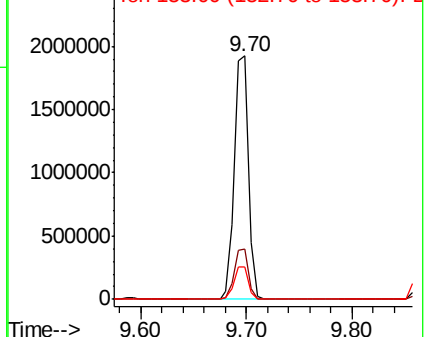


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.982 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

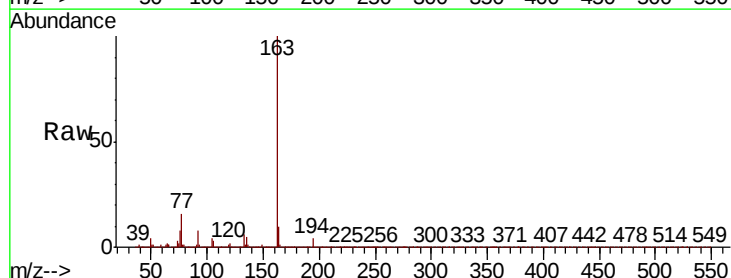
Tgt Ion:163 Resp: 1371504

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.9	8.5	12.7

163 100

194 4.4 3.4 5.0

164 9.9 8.5 12.7

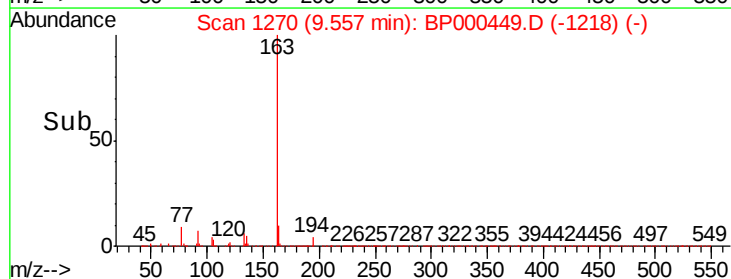
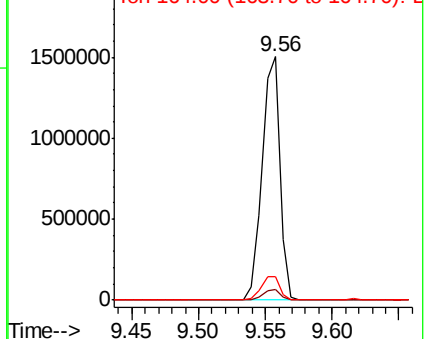


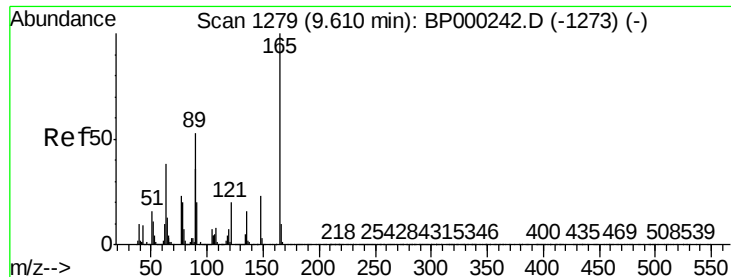
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.171 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampled :

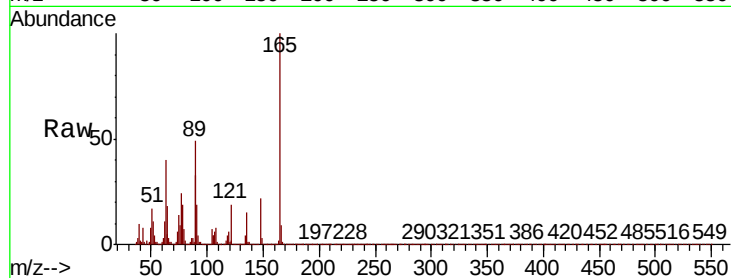
Tot Ion:165 Resp: 296001

Ion Ratio Lower Upper

165 100

63 40.1 35.8 53.8

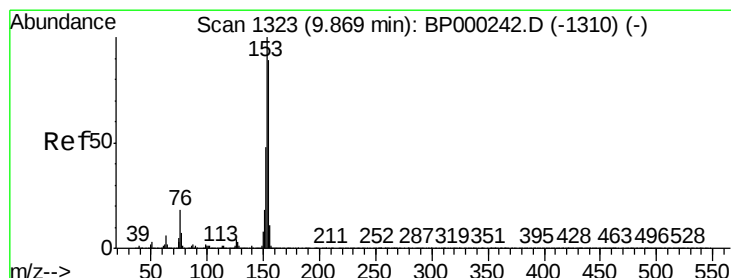
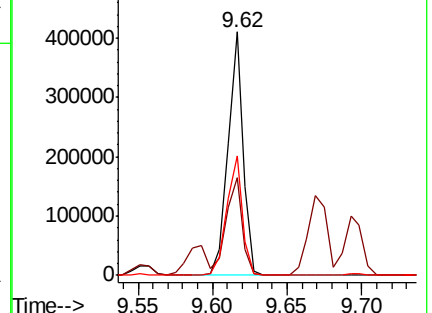
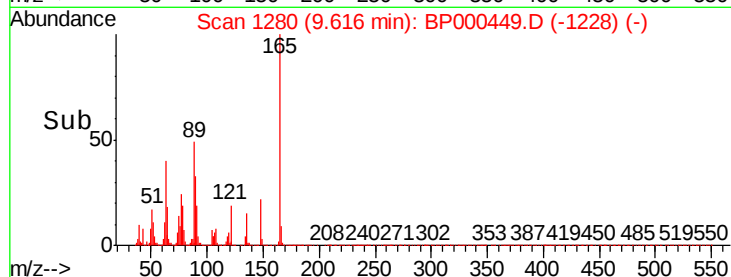
89 49.3 42.6 63.8



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: 41.072 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

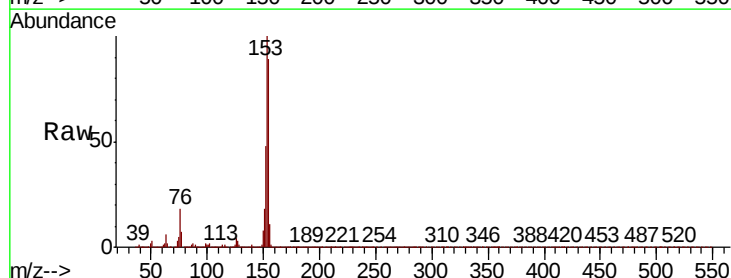
Tgt Ion:154 Resp: 1034803

Ion Ratio Lower Upper

154 100

153 112.3 89.8 134.6

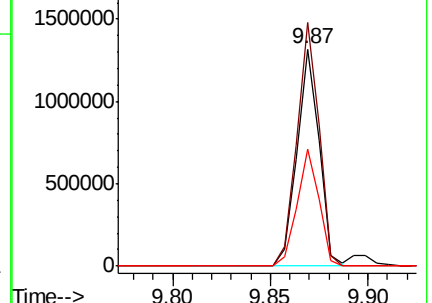
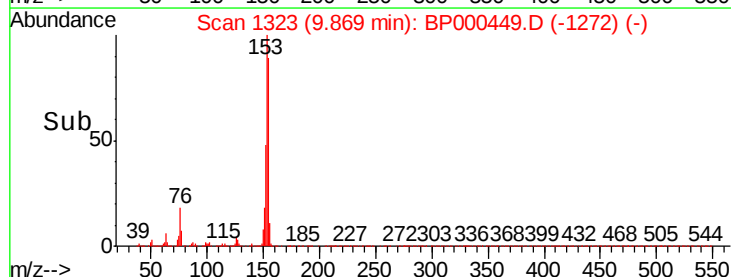
152 54.0 43.4 65.0

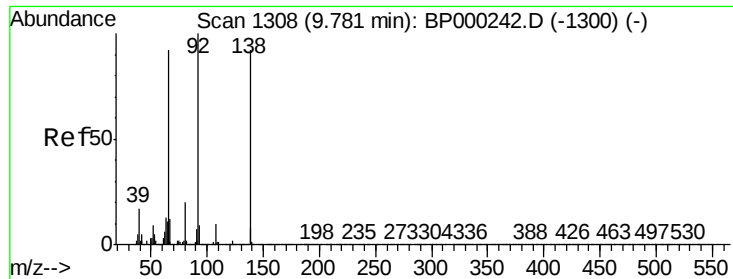


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

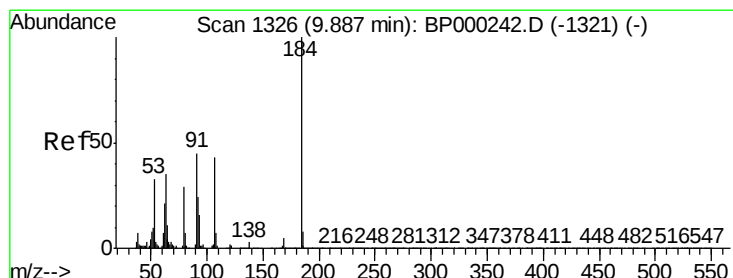
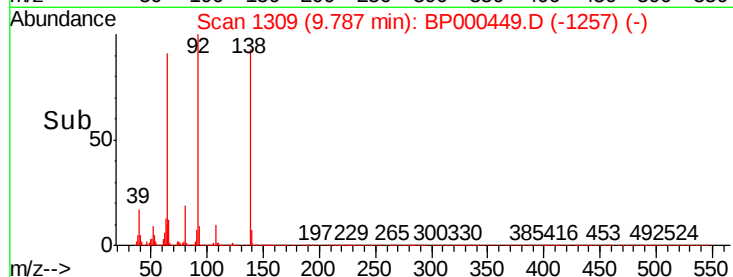
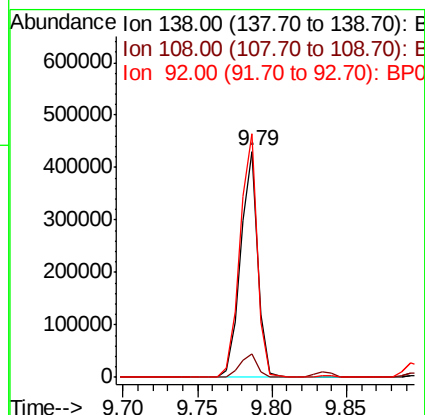
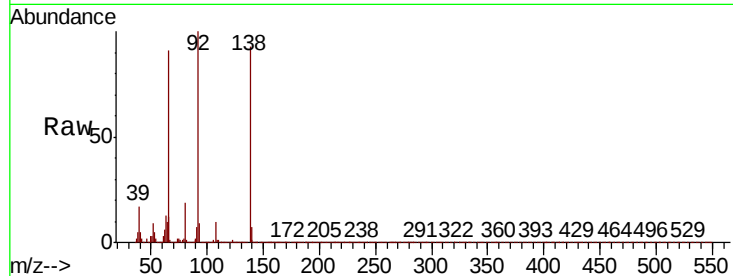




#53
3-Nitroaniline
Concen: 43.640 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

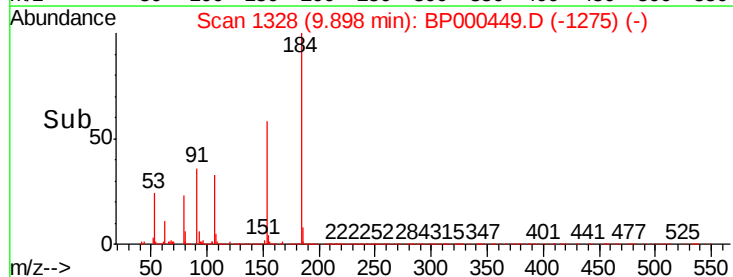
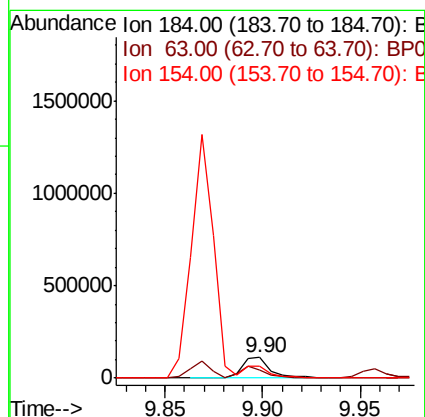
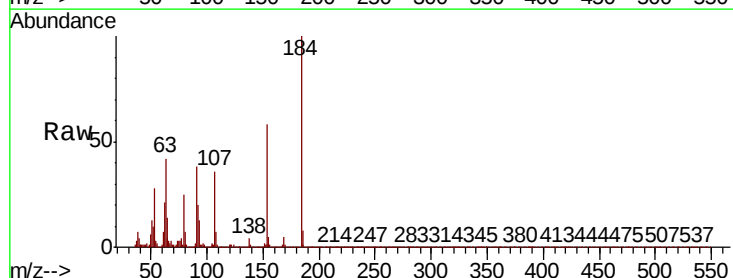
Instrument :
BNA_P
ClientSampleId :

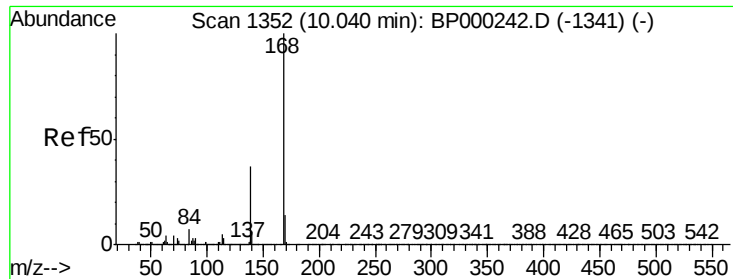
Tot Ion:138 Resp: 347310
Ion Ratio Lower Upper
138 100
108 10.5 9.1 13.7
92 107.6 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 37.129 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:184 Resp: 112471
Ion Ratio Lower Upper
184 100
63 42.3 39.5 59.3
154 58.1 48.8 73.2

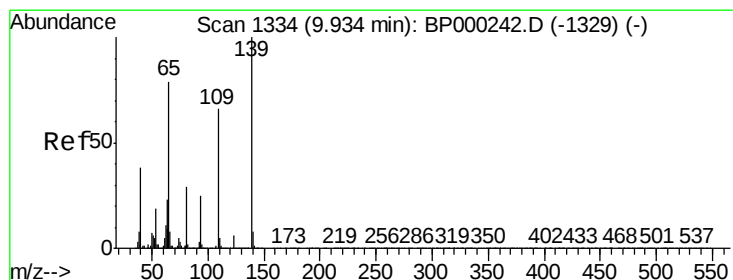
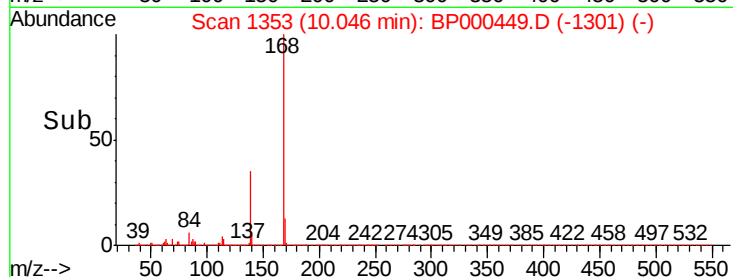
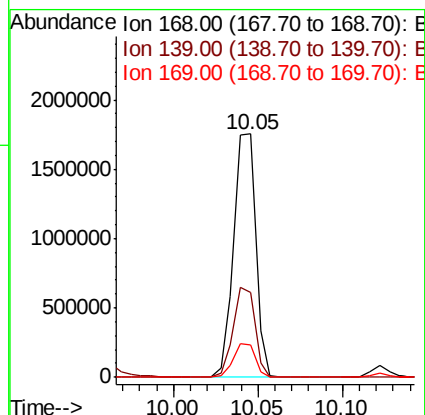
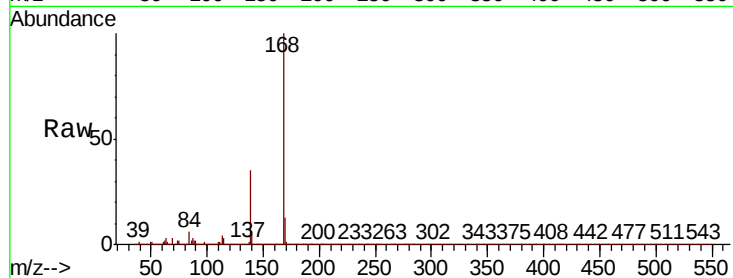




#55
Dibenzofuran
Concen: 44.740 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

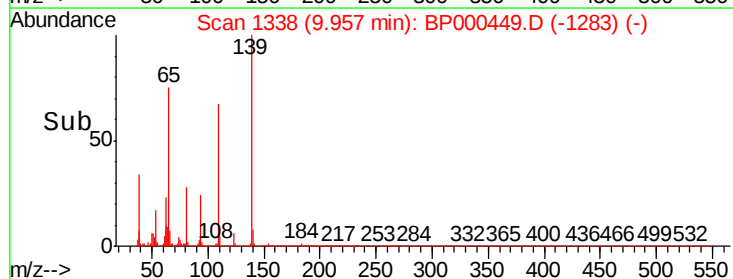
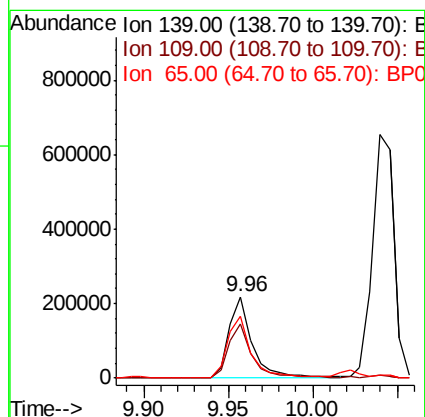
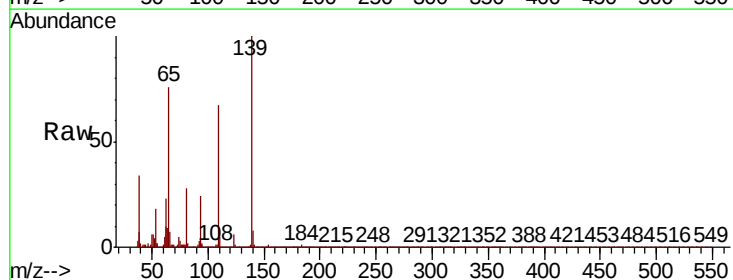
Instrument :
BNA_P
ClientSampled :

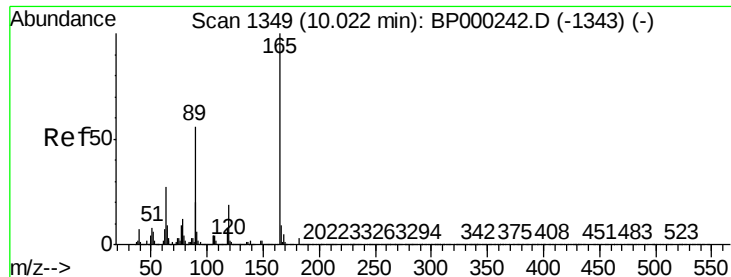
Tot Ion:168 Resp: 1593462
Ion Ratio Lower Upper
168 100
139 34.9 30.0 45.0
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 35.880 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.02 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:139 Resp: 212384
Ion Ratio Lower Upper
139 100
109 66.6 46.2 86.2
65 75.7 59.4 99.4





#57

2,4-Dinitrotoluene

Concen: 44.736 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165 Resp: 400988

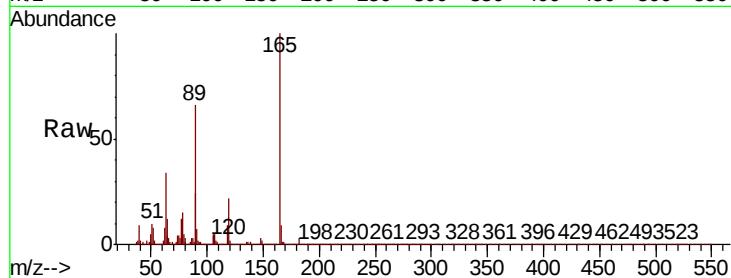
Ion Ratio Lower Upper

165 100

63 33.8 21.7 32.5#

89 66.5 45.0 67.6

182 3.1 2.4 3.6

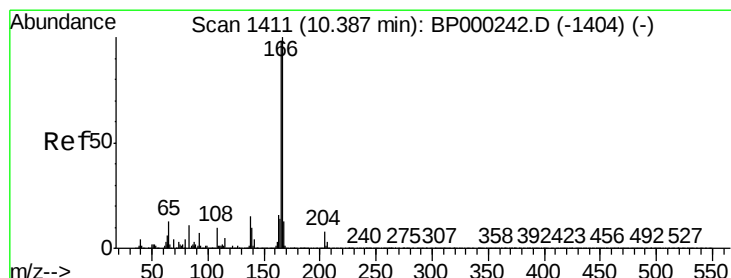
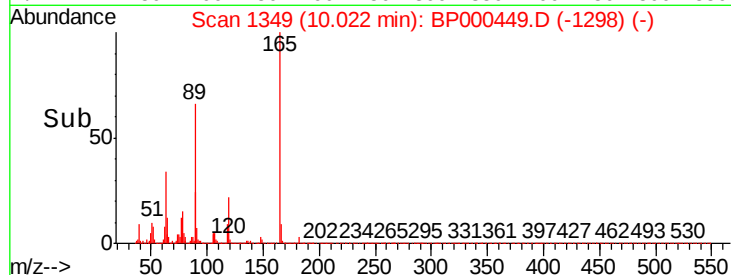
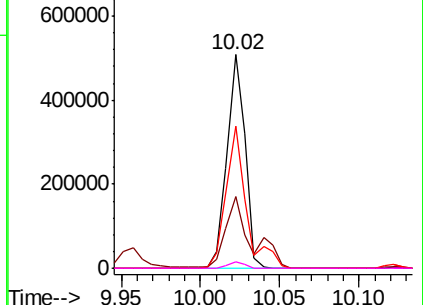


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.252 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

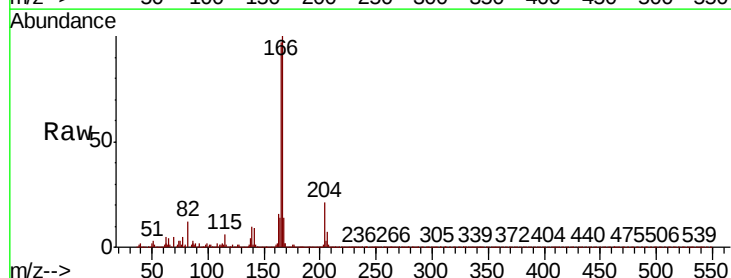
Tgt Ion:166 Resp: 1217361

Ion Ratio Lower Upper

166 100

165 97.3 78.2 117.2

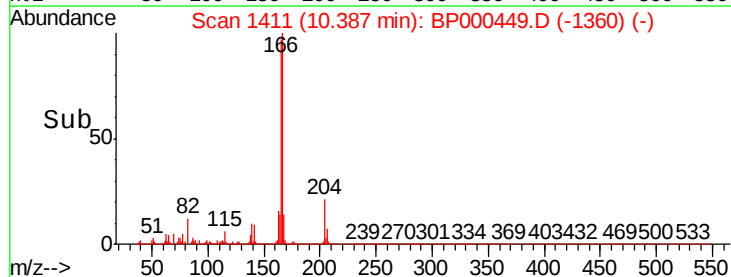
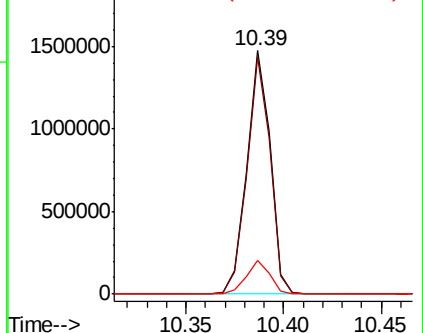
167 13.8 10.7 16.1

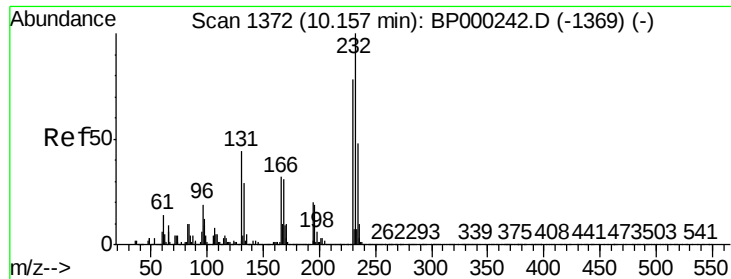


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

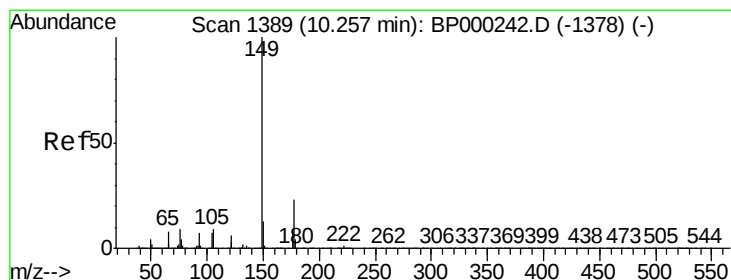
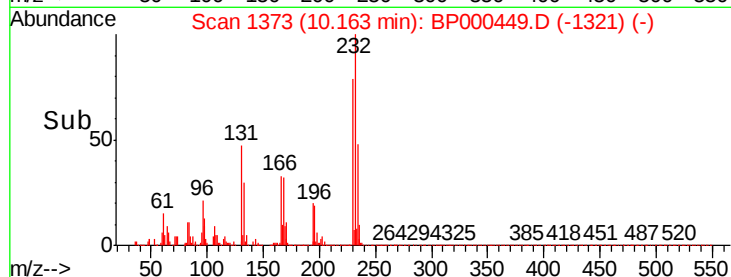
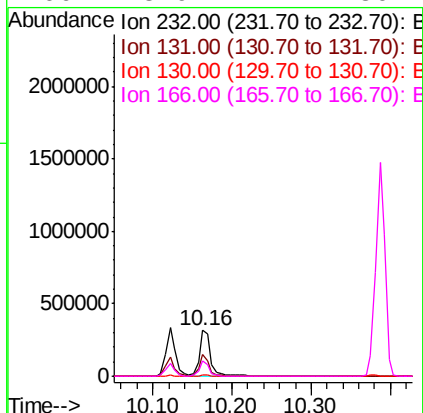
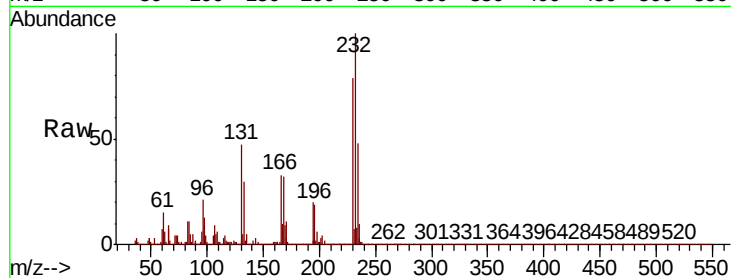




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.347 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

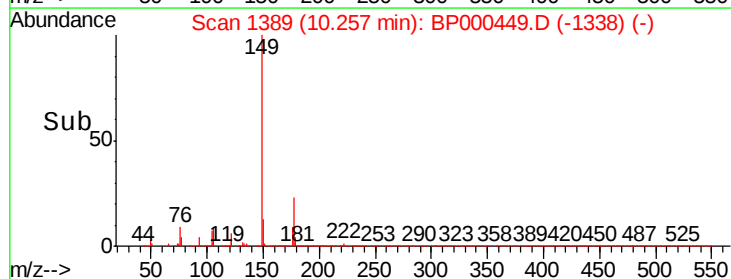
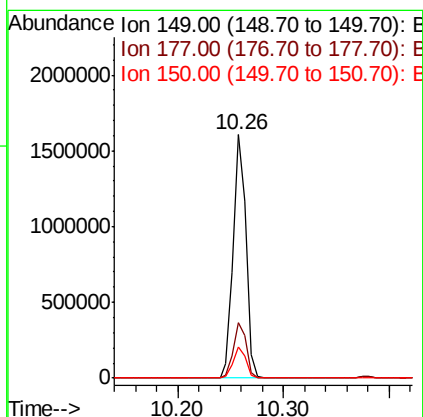
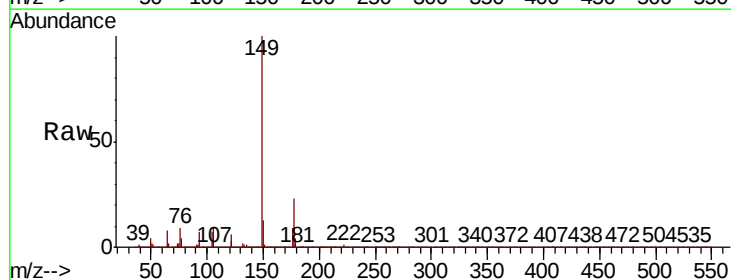
Instrument :
BNA_P
ClientSampled :

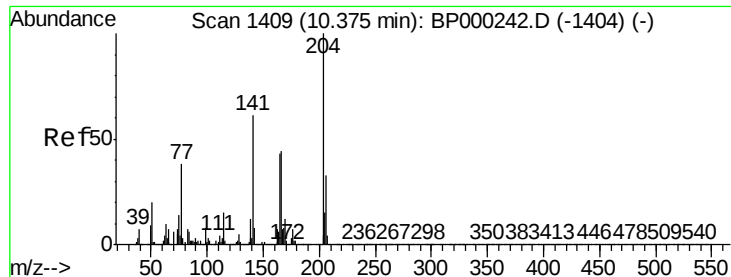
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	33.6	50.4
130	2.2	1.8	2.6
166	28.9	24.2	36.2



#60
Diethylphthalate
Concen: 43.950 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.1	27.1
150	12.8	10.3	15.5

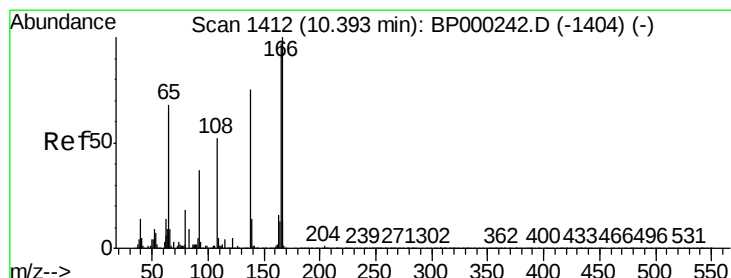
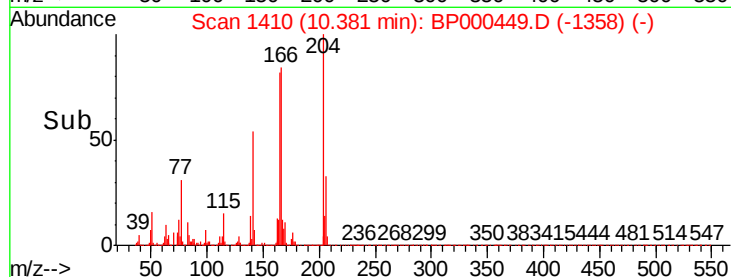
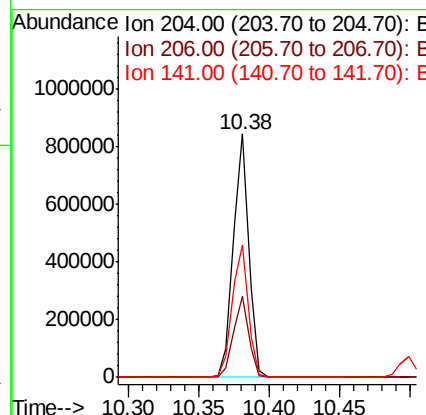
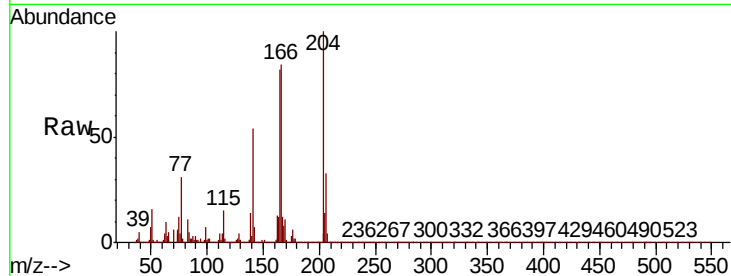




#61
4-Chlorophenyl-phenylether
Concen: 45.423 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

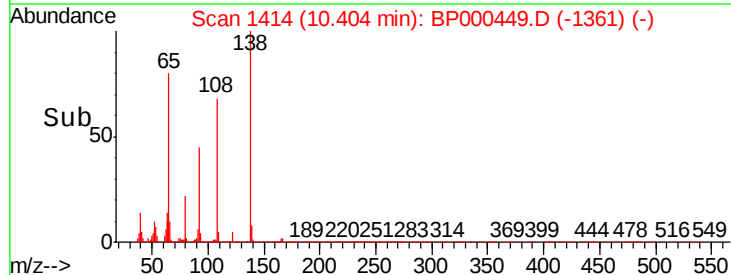
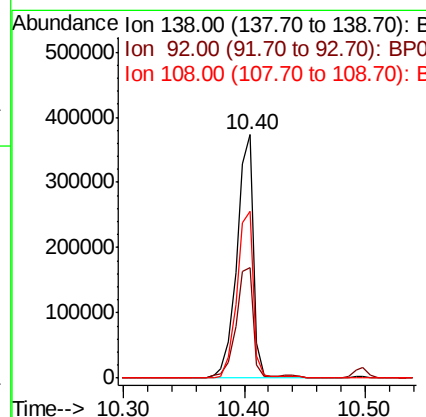
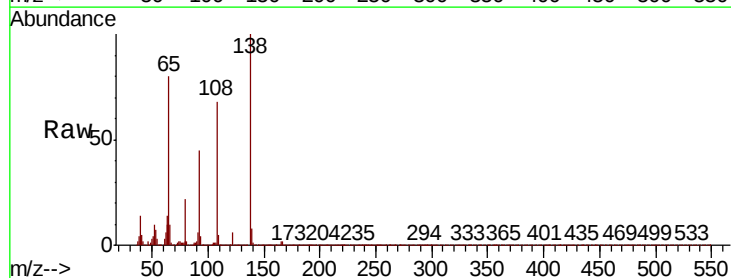
Instrument :
BNA_P
ClientSampleId :

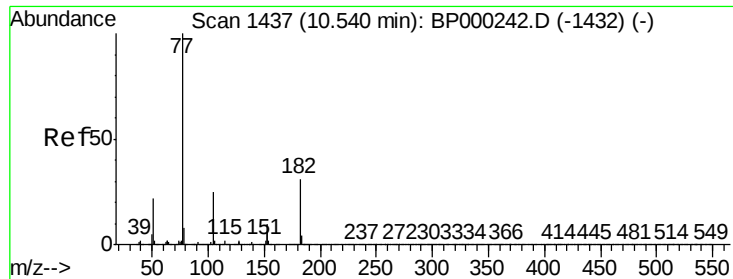
Tot Ion:204 Resp: 641421
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 54.5 48.6 72.8



#62
4-Nitroaniline
Concen: 45.773 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:138 Resp: 358309
Ion Ratio Lower Upper
138 100
92 45.5 30.1 70.1
108 68.5 49.5 89.5

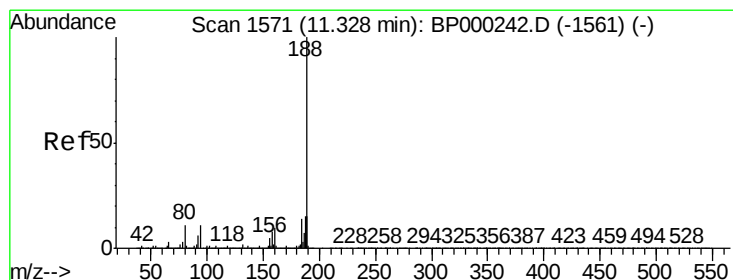
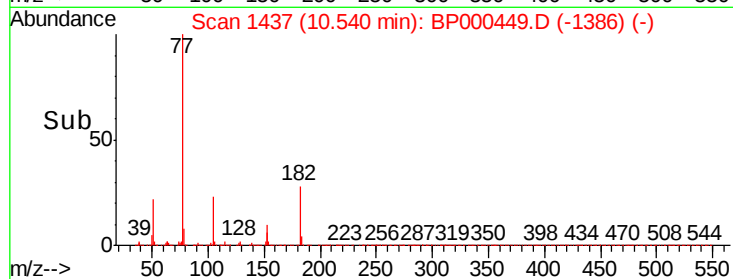
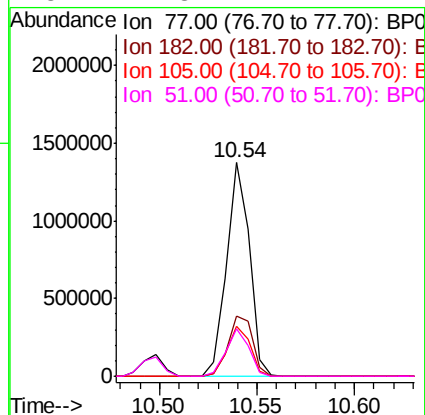
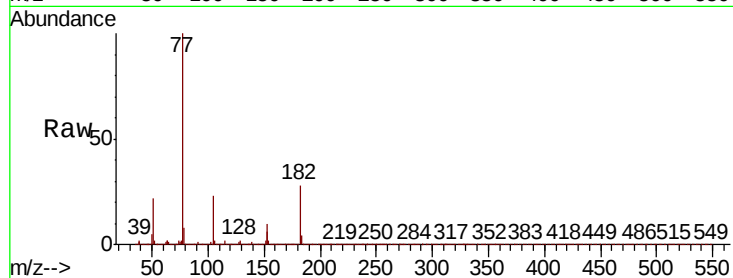




#63
Azobenzene
Concen: 43.726 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

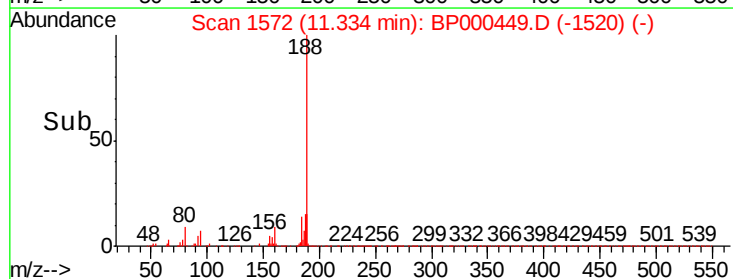
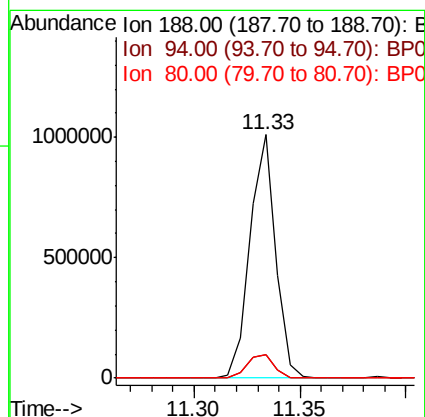
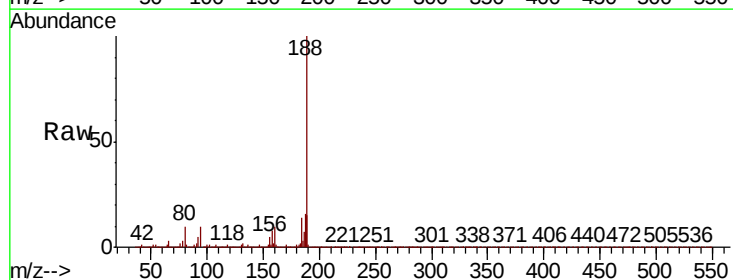
Instrument :
BNA_P
ClientSampleId :

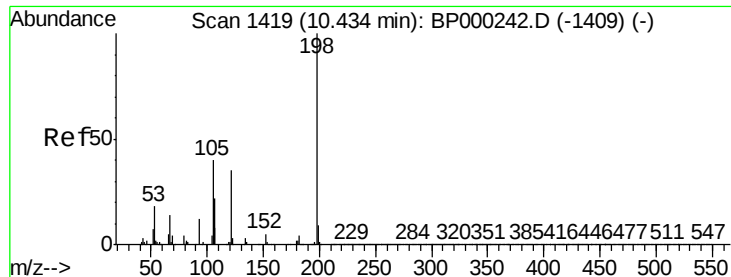
Tot Ion: 77 Resp: 1111240
Ion Ratio Lower Upper
77 100
182 28.0 11.1 51.1
105 23.4 4.7 44.7
51 22.3 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:188 Resp: 849148
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.6 8.6 13.0

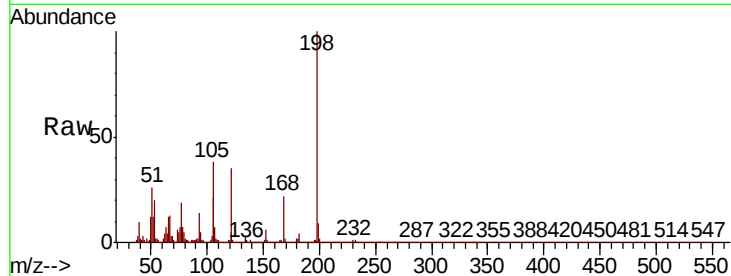




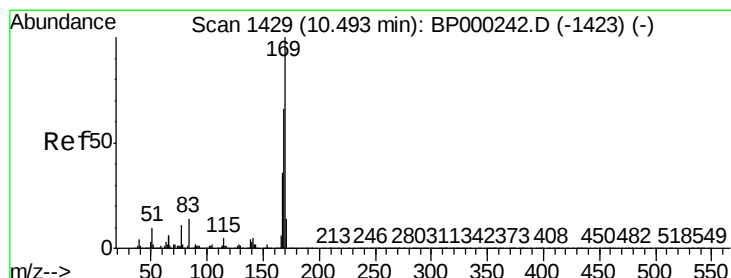
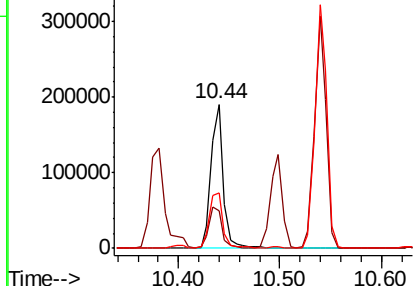
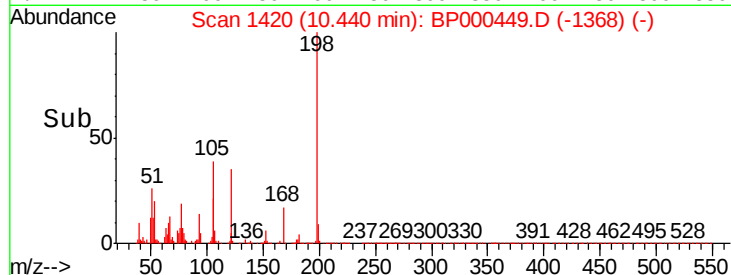
#65
4,6-Dinitro-2-methylphenol
Concen: 40.032 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Instrument :
BNA_P
ClientSampleId :

Tot Ion:198 Resp: 159839
Ion Ratio Lower Upper
198 100
51 25.8 7.4 47.4
105 38.2 20.2 60.2

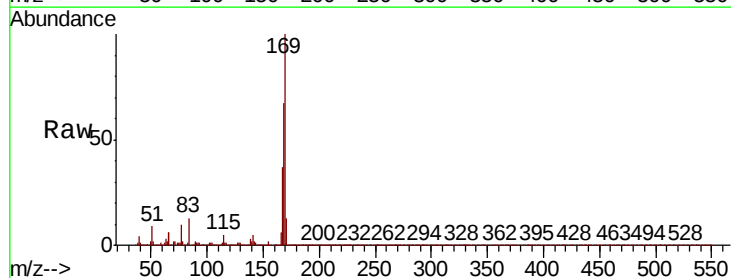


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

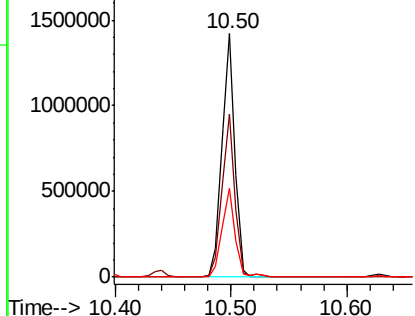
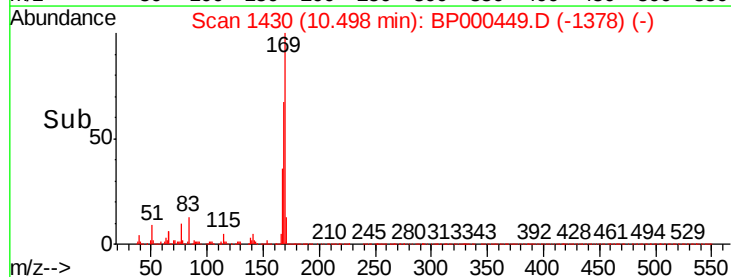


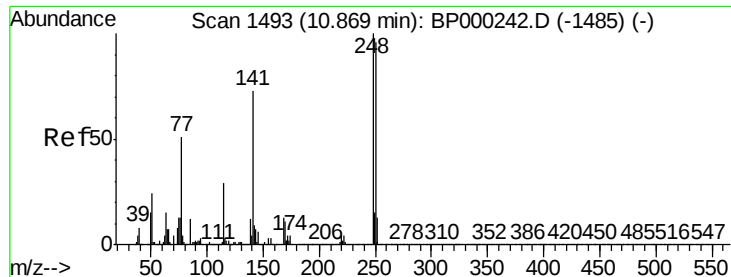
#66
n-Nitrosodiphenylamine
Concen: 42.917 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:169 Resp: 1097059
Ion Ratio Lower Upper
169 100
168 66.9 52.9 79.3
167 36.5 29.0 43.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

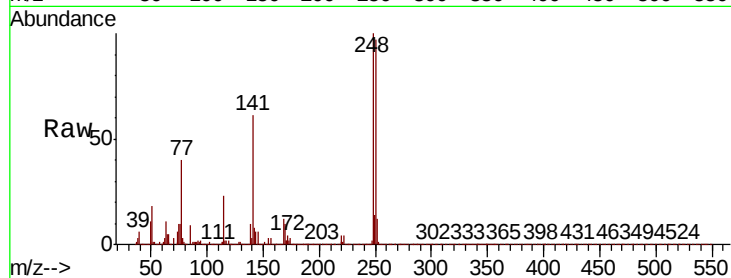




#67
4-Bromophenyl-phenylether
Concen: 42.632 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.0	115.4
141	61.5	58.5	87.7

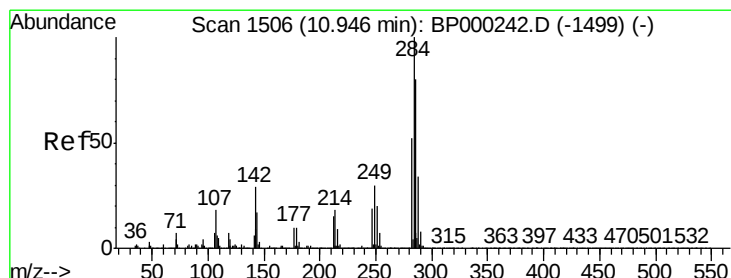
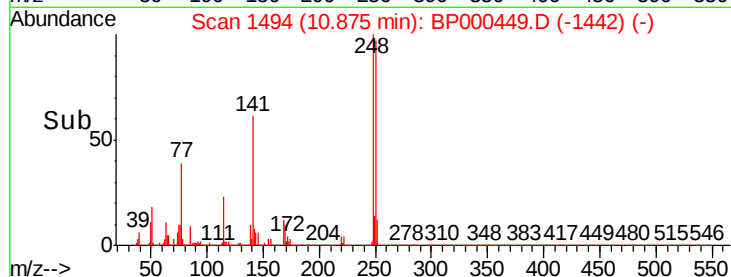
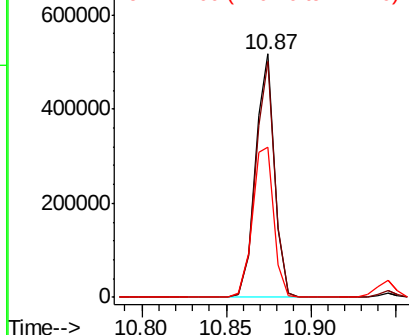


Abundance

Ion 248.00 (247.70 to 248.70): E

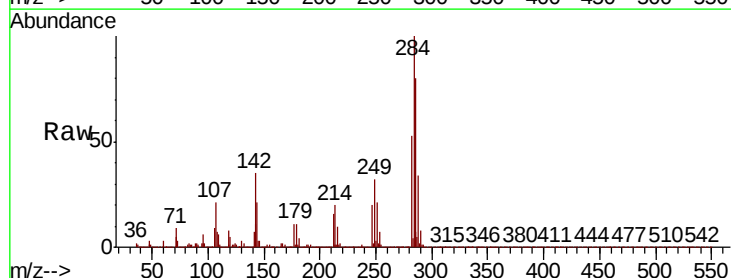
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.203 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.0	23.6	35.4
249	31.9	24.3	36.5

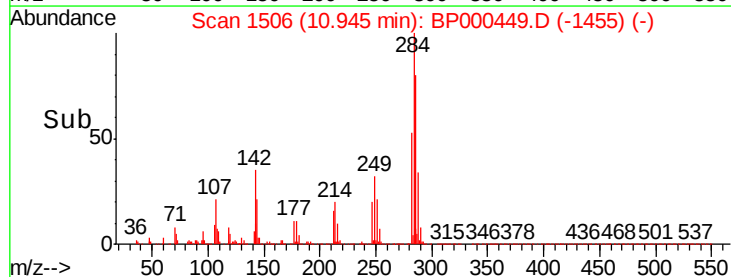
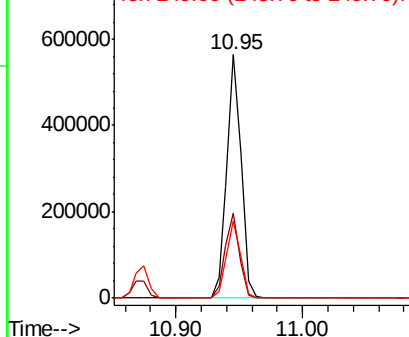


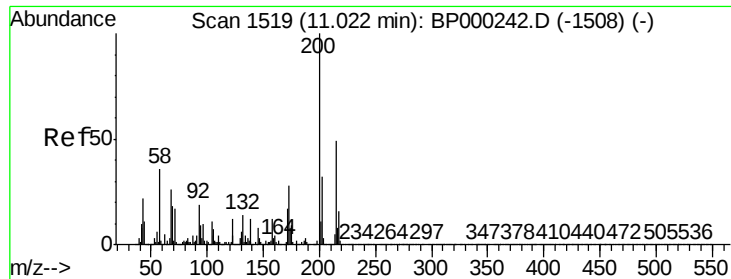
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

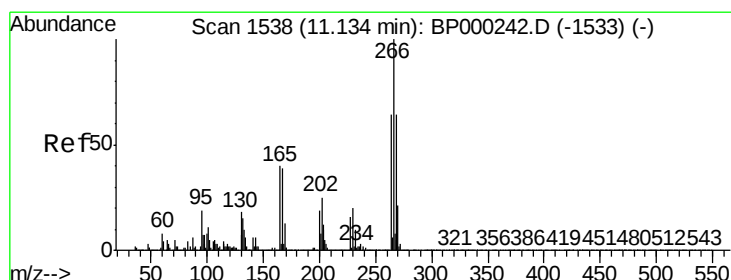
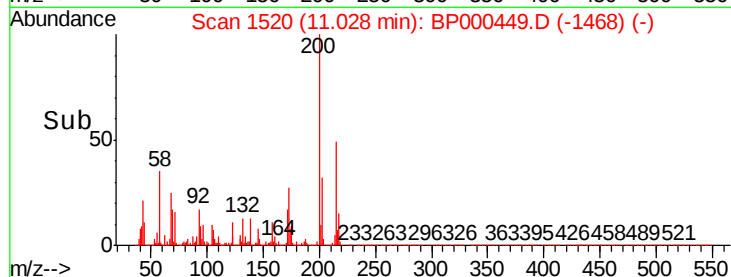
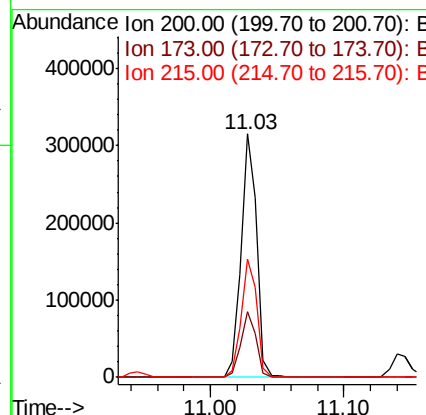
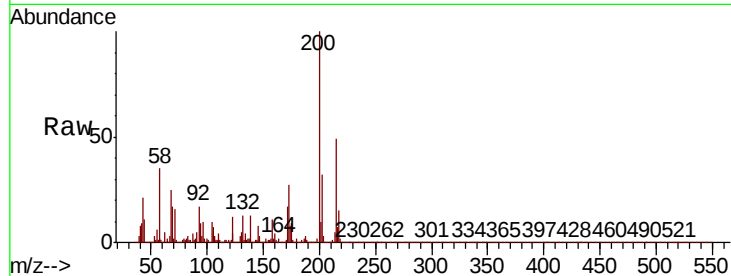




#69
Atrazine
Concen: 37.061 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

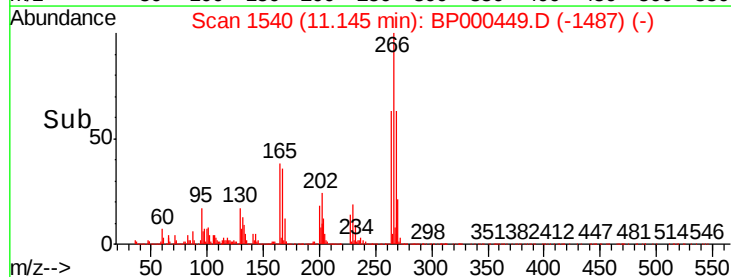
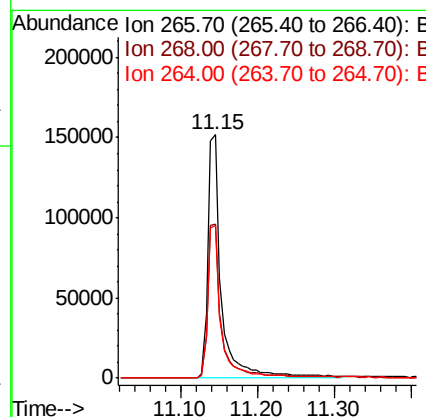
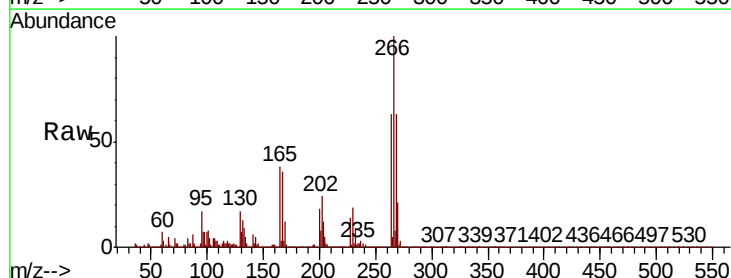
Instrument :
BNA_P
ClientSampleId :

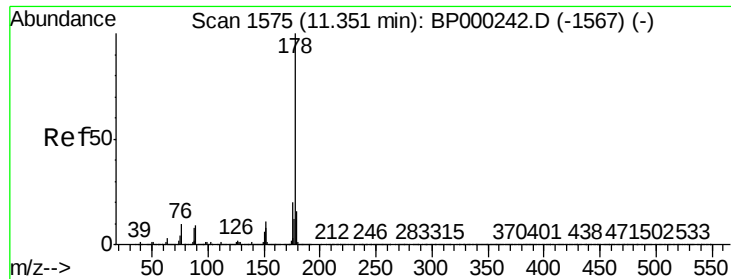
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	7.6	47.6
215	48.5	28.6	68.6



#70
Pentachlorophenol
Concen: 32.652 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.6	77.4
264	63.0	50.8	76.2

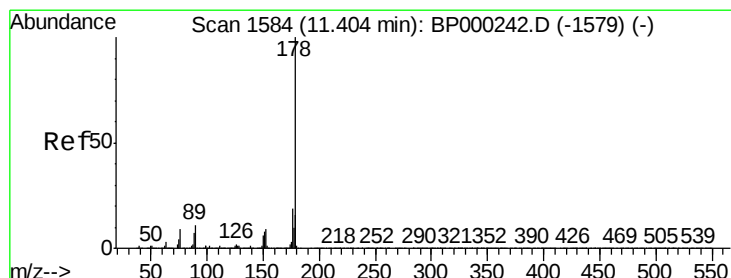
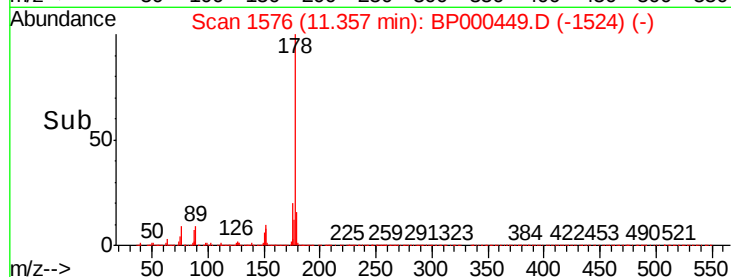
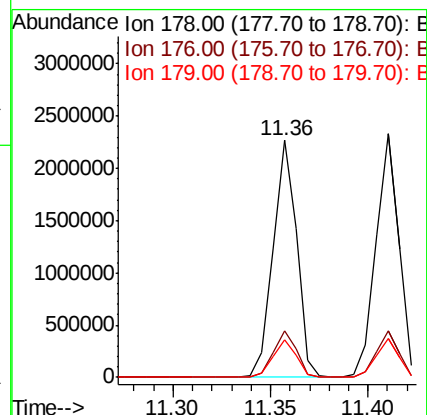
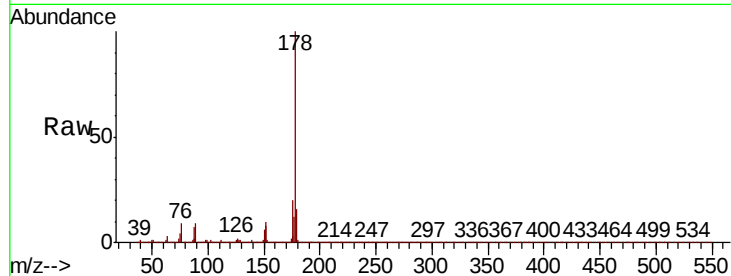




#71
Phenanthrene
Concen: 44.421 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

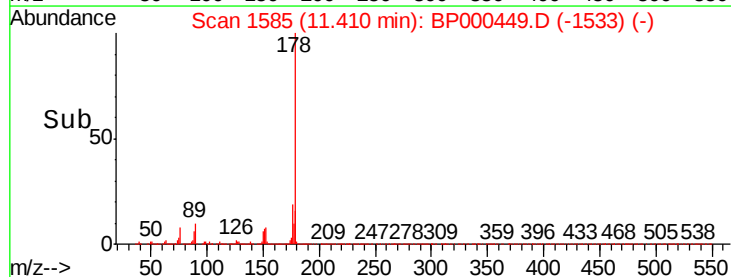
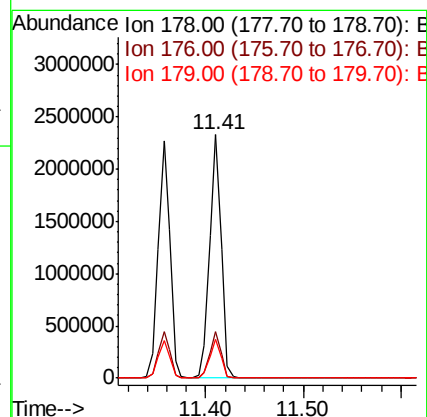
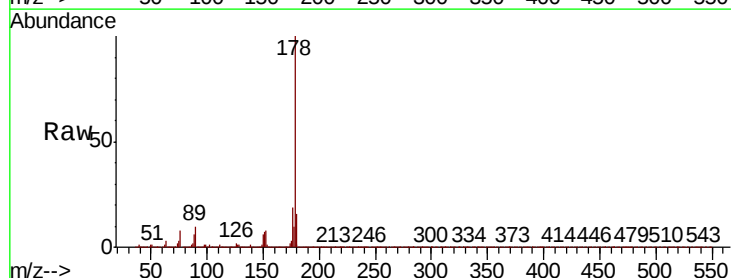
Instrument :
BNA_P
ClientSampleId :

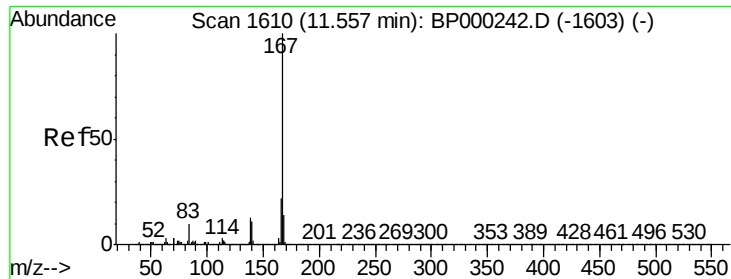
Tot Ion:178 Resp: 1890240
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.7 12.7 19.1



#72
Anthracene
Concen: 43.626 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:178 Resp: 1910832
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.9 12.7 19.1

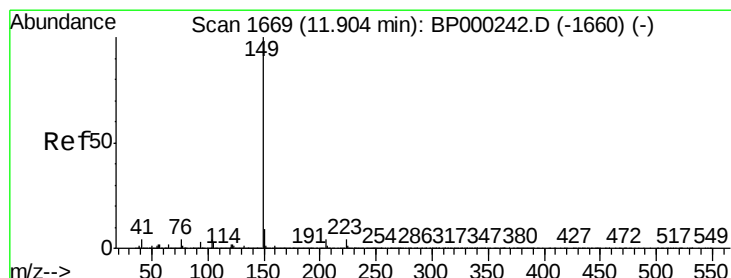
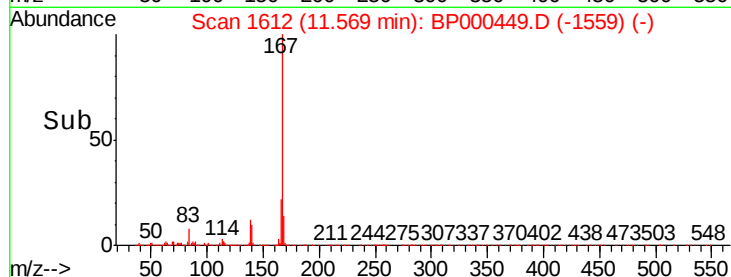
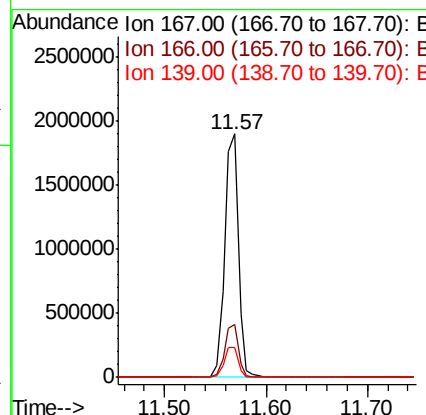
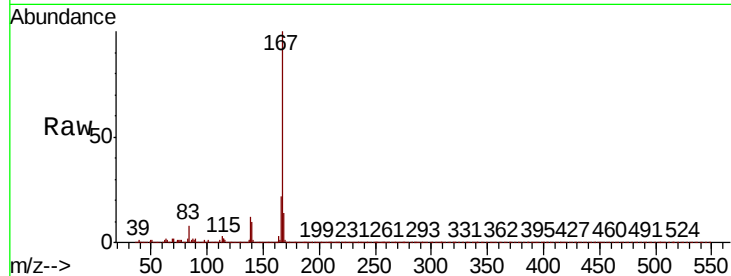




#73
 Carbazole
 Concen: 45.074 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BP000449.D
 Acq: 27 Sep 2019 11:54

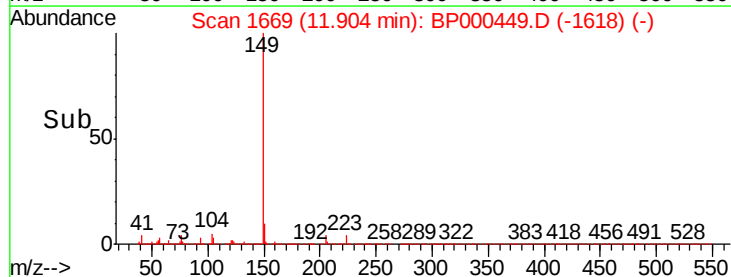
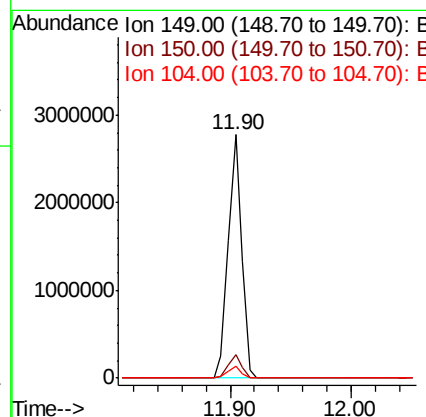
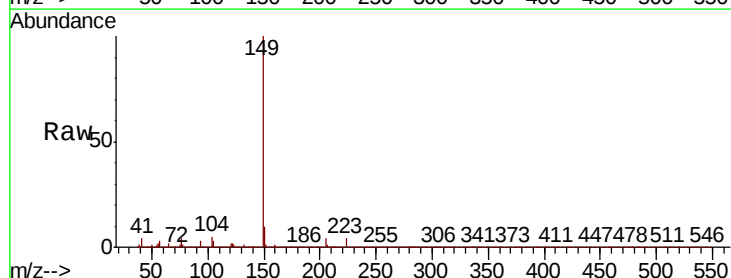
Instrument :
 BNA_P
 ClientSampleId :

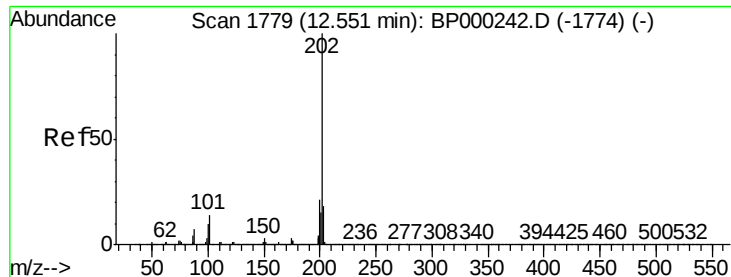
Tot Ion:167 Resp: 1777962
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 12.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 42.886 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BP000449.D
 Acq: 27 Sep 2019 11:54

Tgt Ion:149 Resp: 2141256
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 4.7 3.5 5.3





#75

Fluoranthene

Concen: 46.021 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

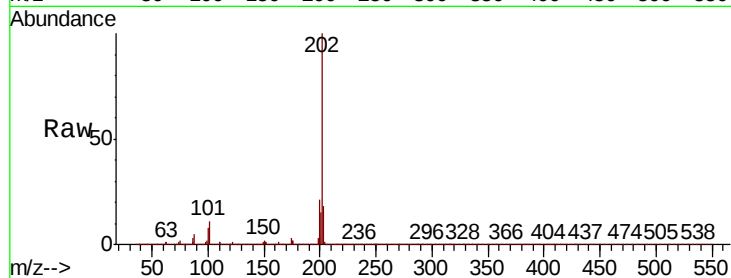
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 2102807

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	33.9
203	17.7	0.0	38.0

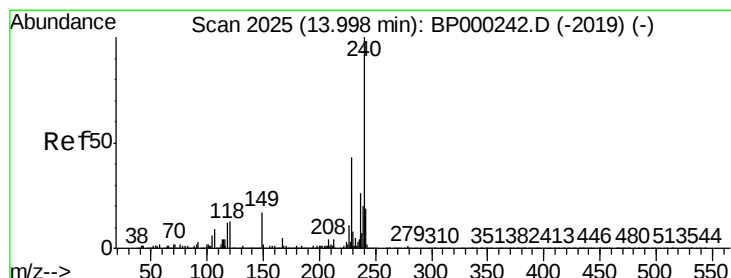
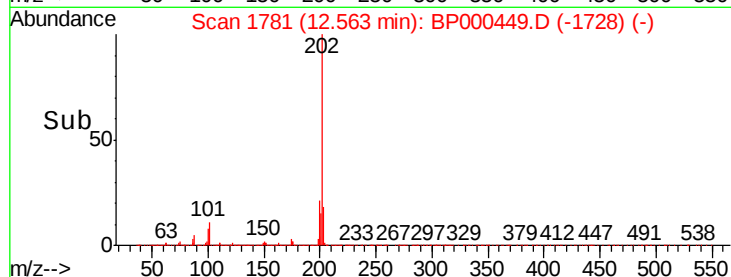
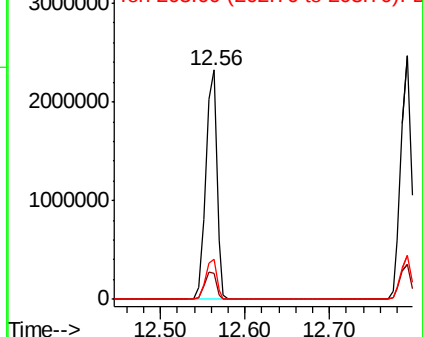


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

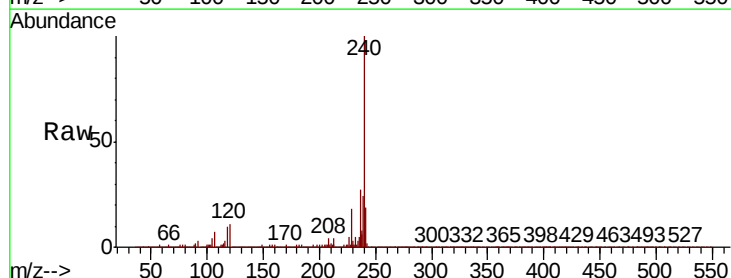
Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Tgt Ion:240 Resp: 713560

Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.4	15.6
236	26.6	21.0	31.6

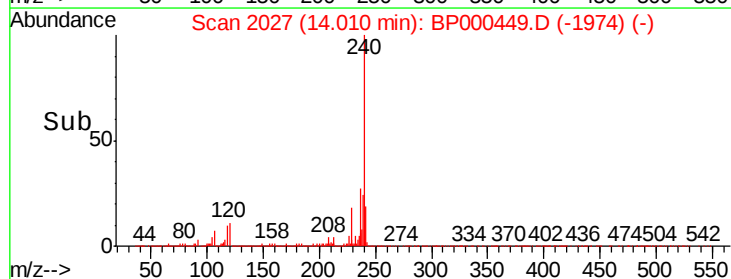
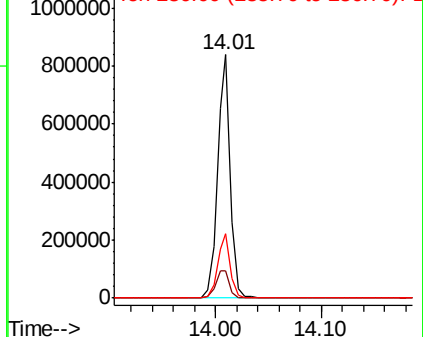


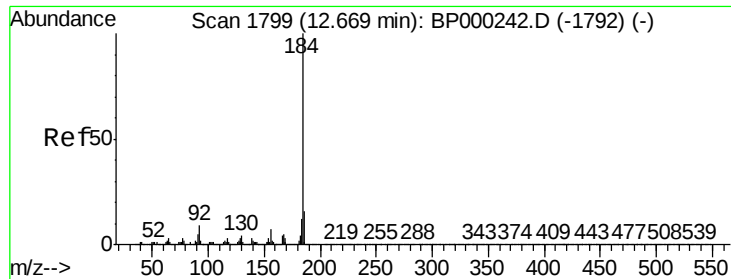
Abundance

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

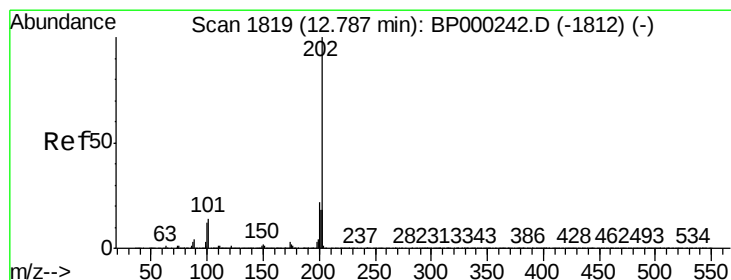
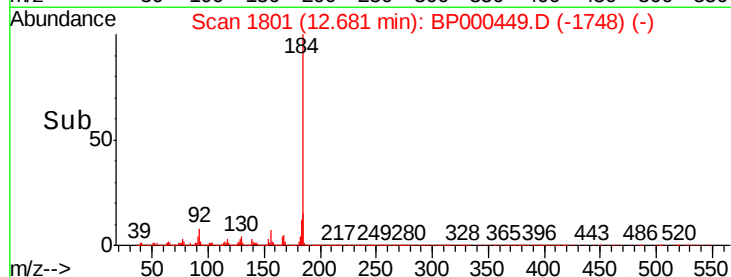
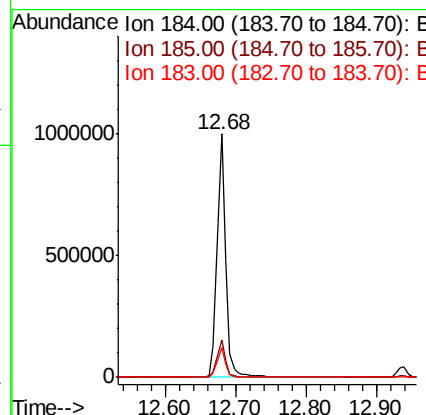
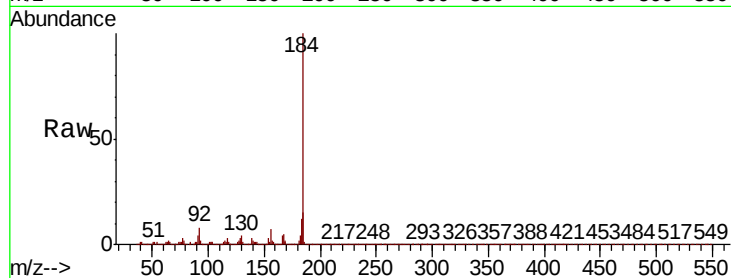




#77
Benzidine
Concen: 34.329 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

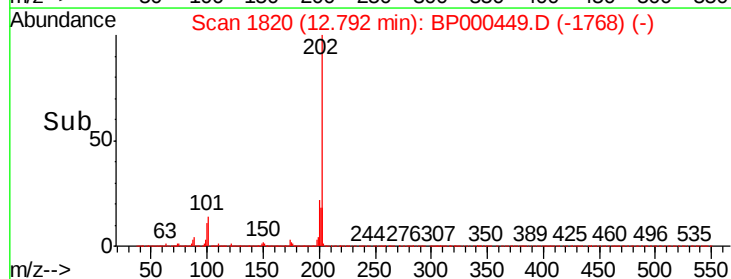
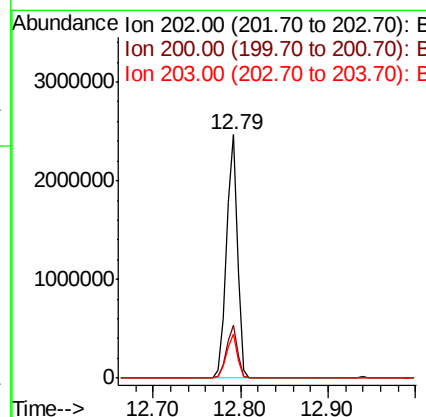
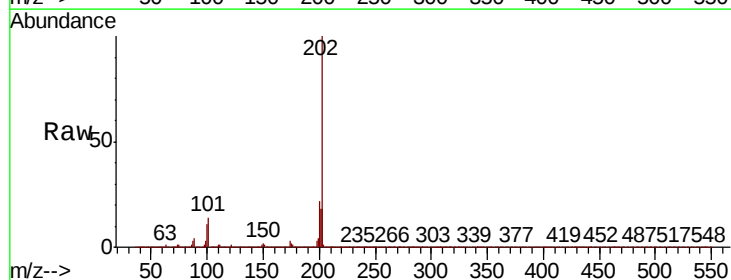
Instrument :
BNA_P
ClientSampleId :

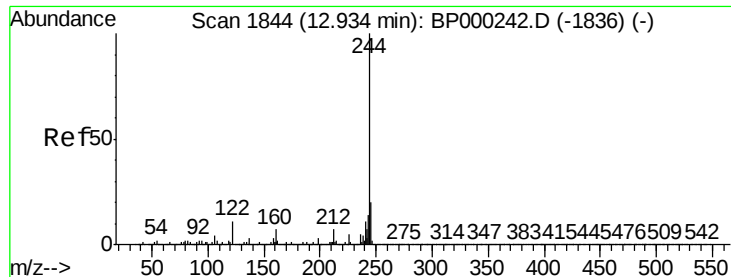
Tot Ion:184 Resp: 874836
Ion Ratio Lower Upper
184 100
185 15.2 12.7 19.1
183 12.0 9.5 14.3



#78
Pyrene
Concen: 40.434 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:202 Resp: 2158599
Ion Ratio Lower Upper
202 100
200 22.0 17.5 26.3
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 83.955 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampleId :

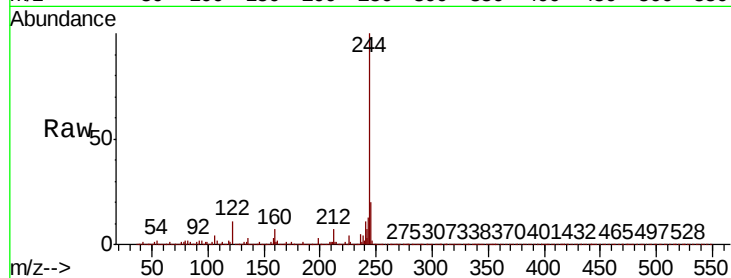
Tot Ion:244 Resp: 2855645

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

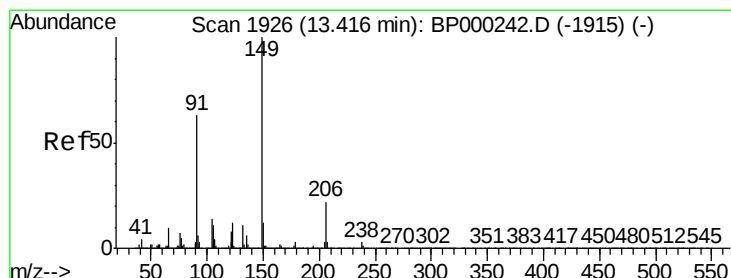
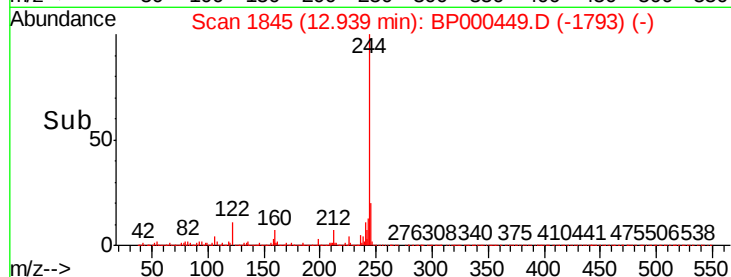
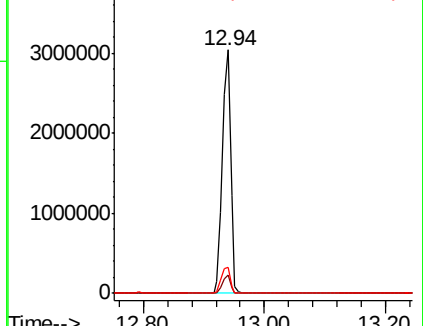
122 10.7 9.0 13.4



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: 39.131 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

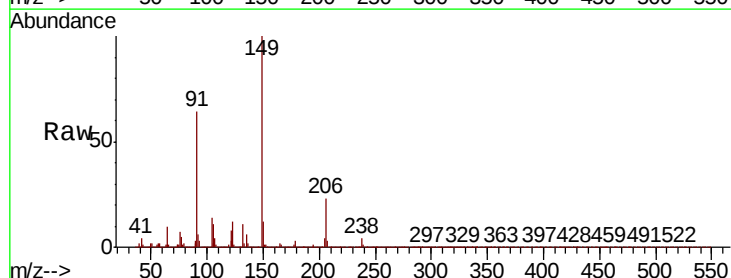
Tgt Ion:149 Resp: 959901

Ion Ratio Lower Upper

149 100

91 64.2 50.6 76.0

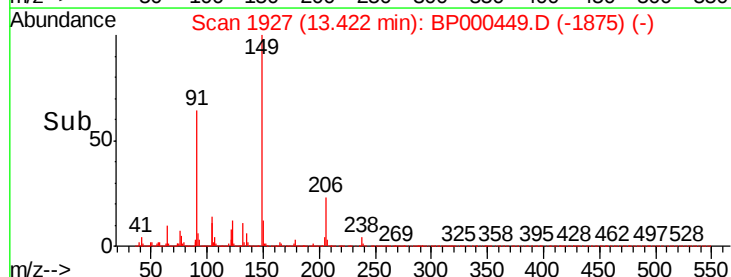
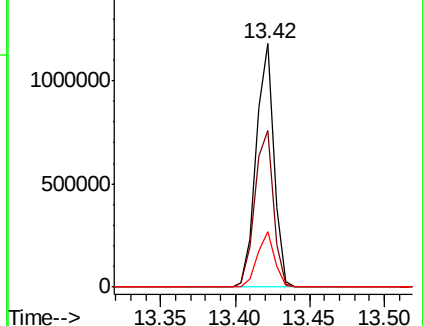
206 22.9 17.8 26.6

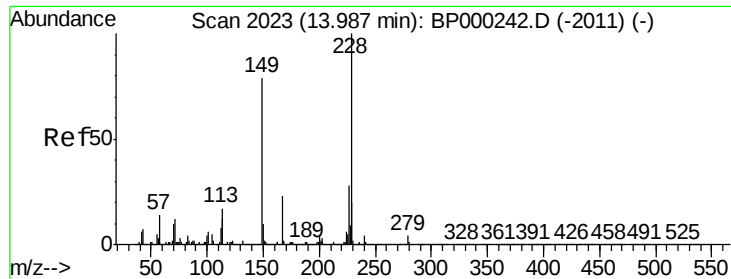


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

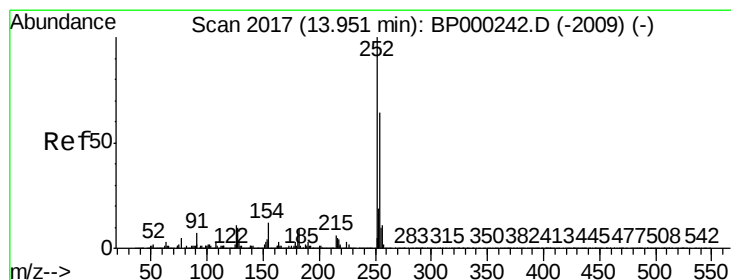
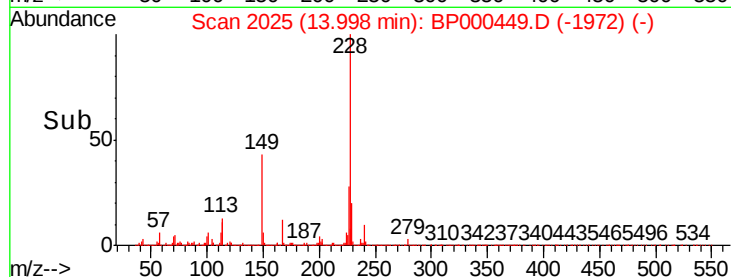
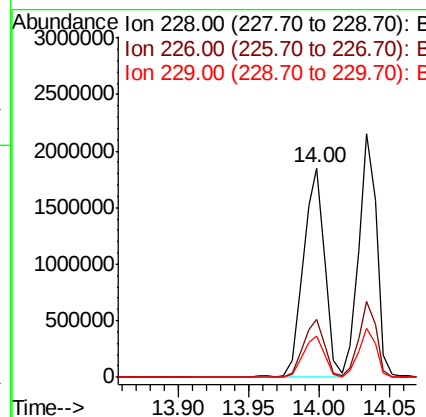
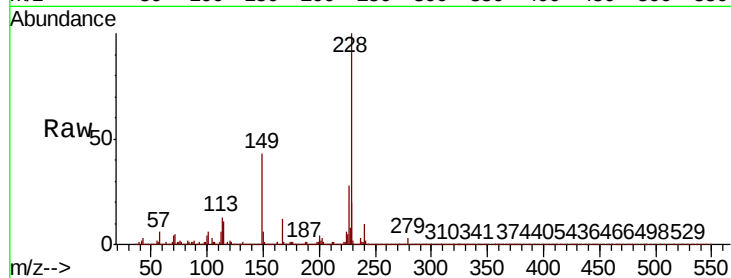




#81
Benzo(a)anthracene
Concen: 42.699 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

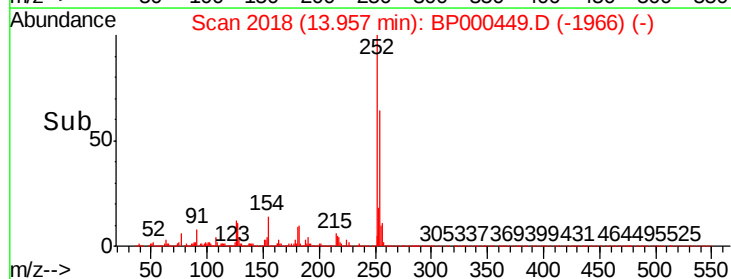
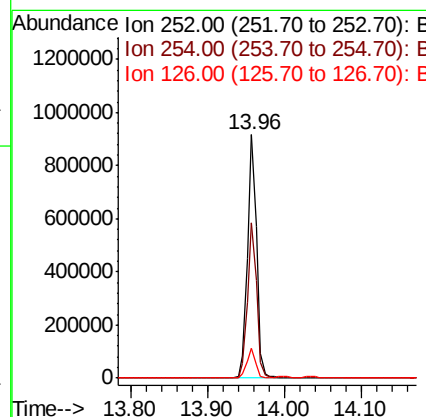
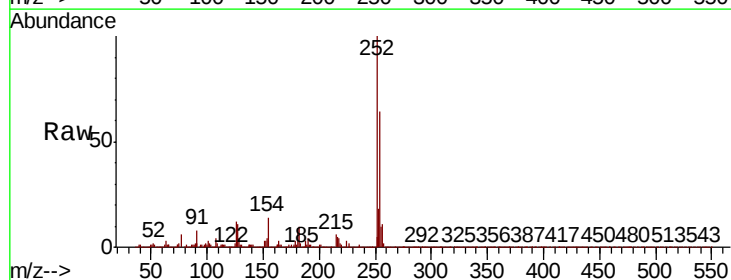
Instrument :
BNA_P
ClientSampleId :

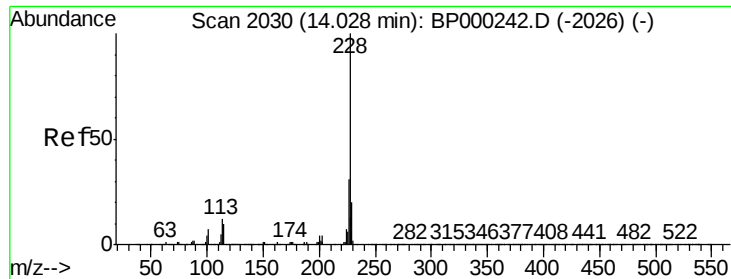
Tot Ion:228 Resp: 1924608
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 42.323 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:252 Resp: 766667
Ion Ratio Lower Upper
252 100
254 64.0 51.5 77.3
126 12.0 8.4 12.6

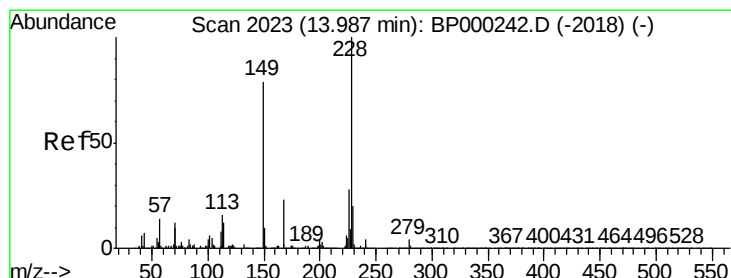
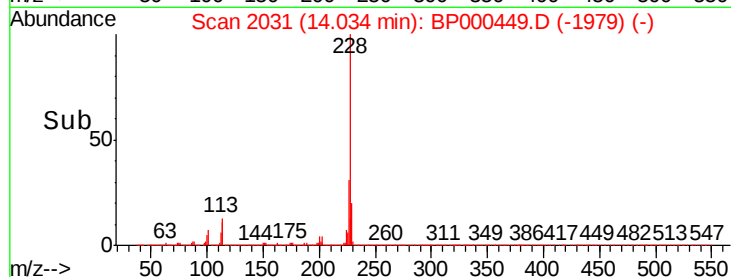
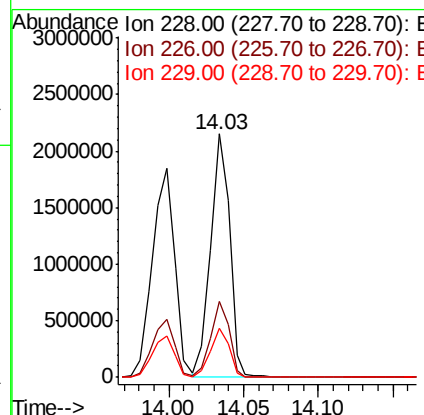
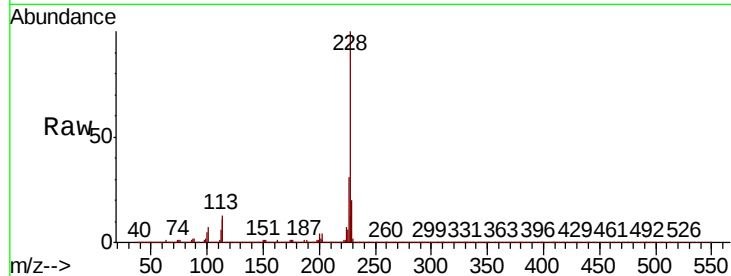




#83
 Chrvsene
 Concen: 42.923 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BP000449.D
 Acq: 27 Sep 2019 11:54

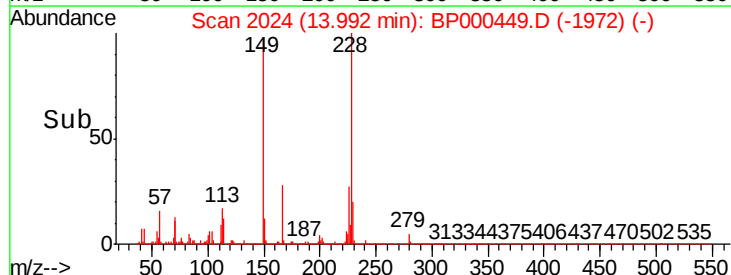
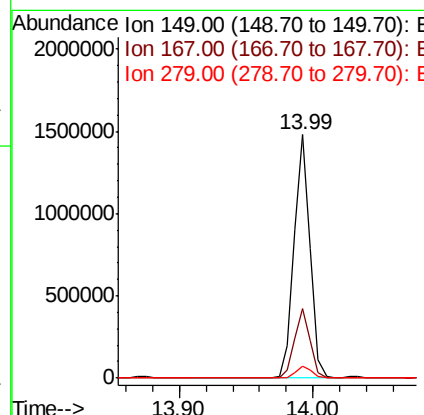
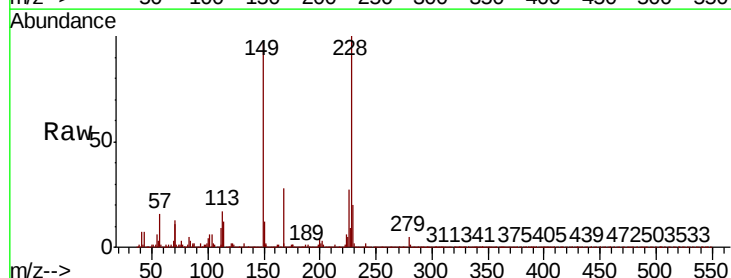
Instrument :
 BNA_P
 ClientSampleId :

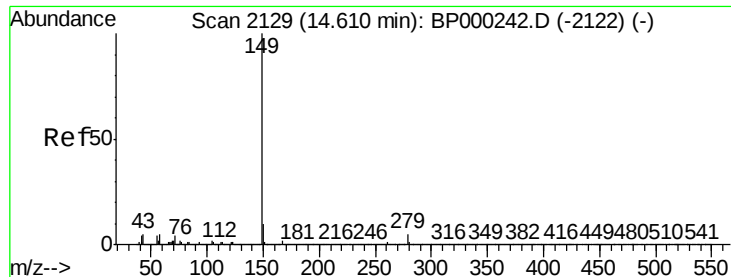
Tot Ion:228 Resp: 1899585
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.9 37.3
 229 20.2 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.238 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BP000449.D
 Acq: 27 Sep 2019 11:54

Tgt Ion:149 Resp: 1243789
 Ion Ratio Lower Upper
 149 100
 167 28.3 23.0 34.4
 279 4.8 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 41.420 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampleId :

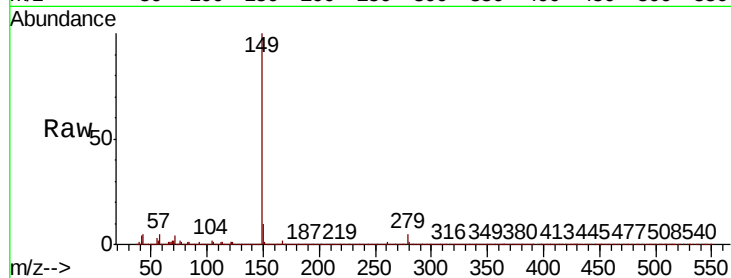
Tot Ion:149 Resp: 2260600

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

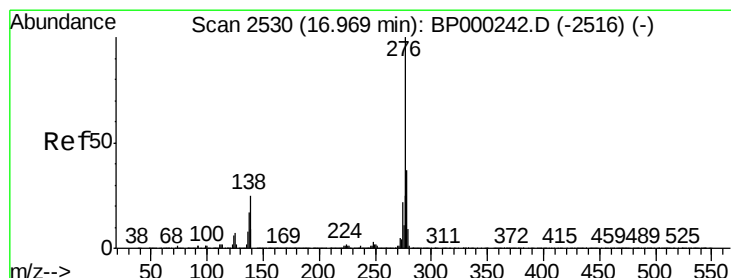
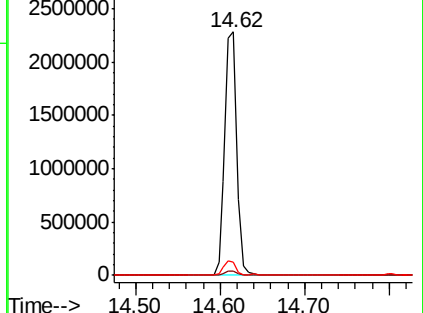
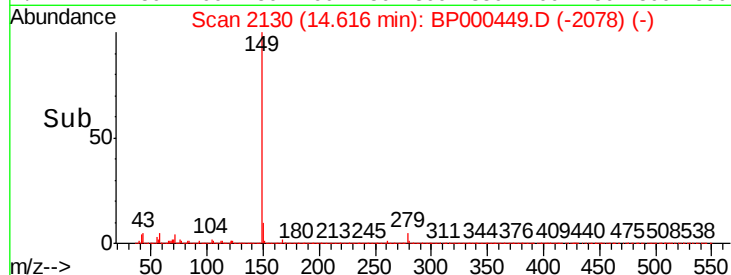
43 6.4 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.280 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

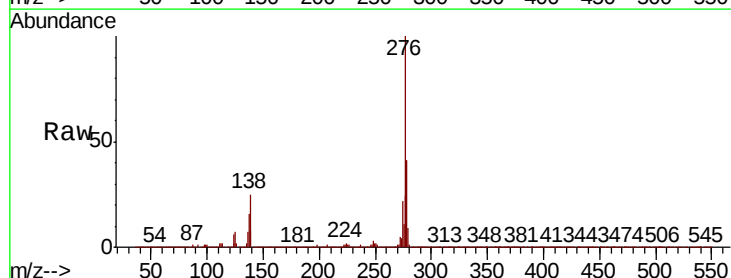
Tgt Ion:276 Resp: 2334709

Ion Ratio Lower Upper

276 100

138 26.9 22.6 33.8

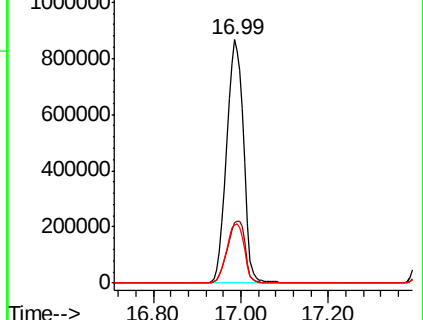
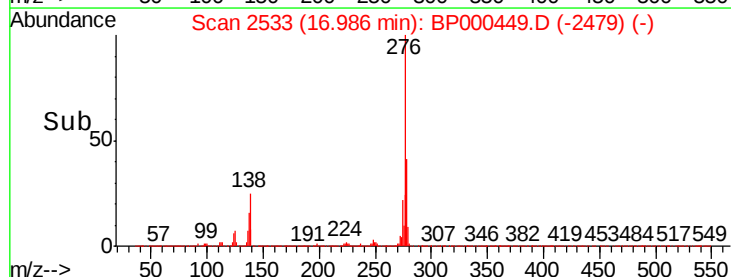
277 25.3 20.4 30.6

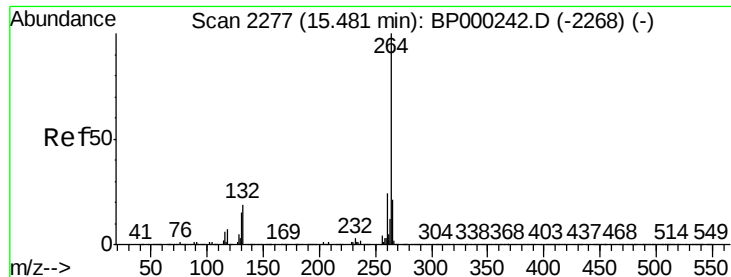


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

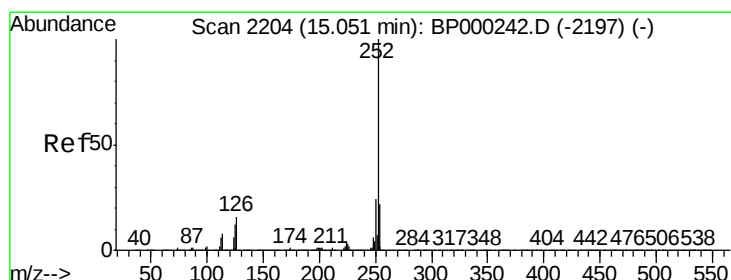
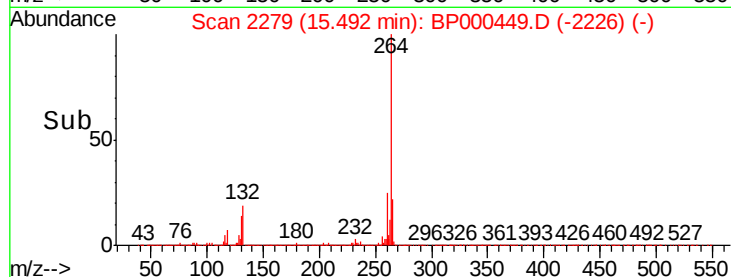
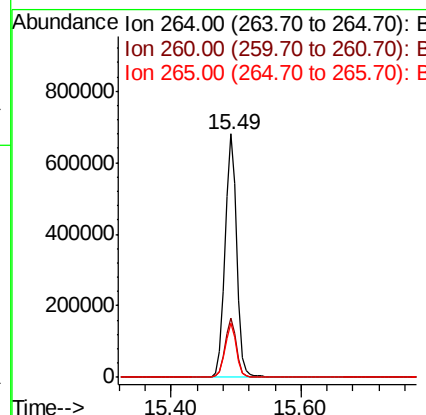
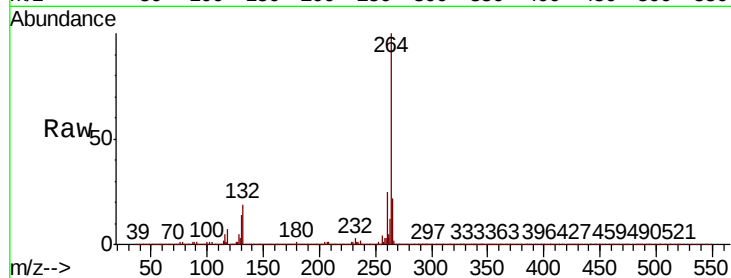




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

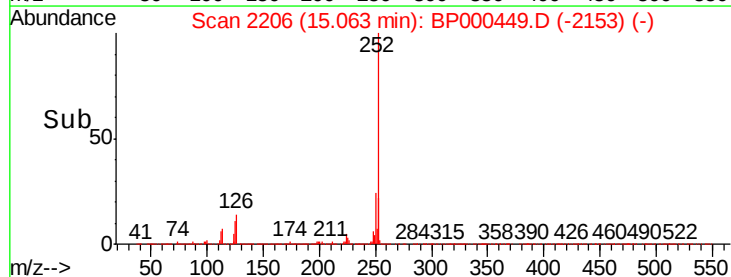
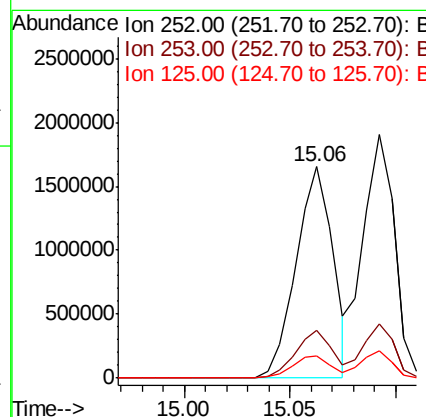
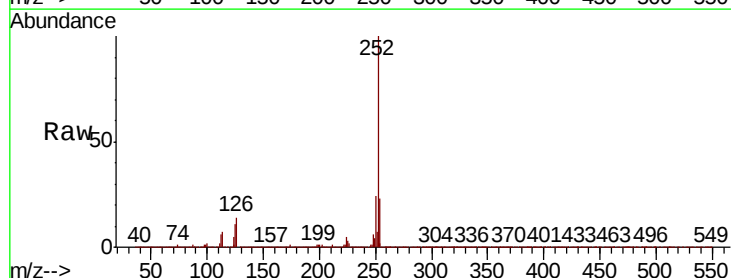
Instrument :
BNA_P
ClientSampleId :

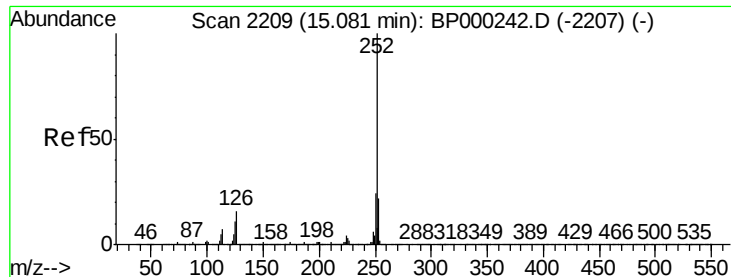
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.9	28.3
265	22.2	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 40.244 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.8	9.5	14.3

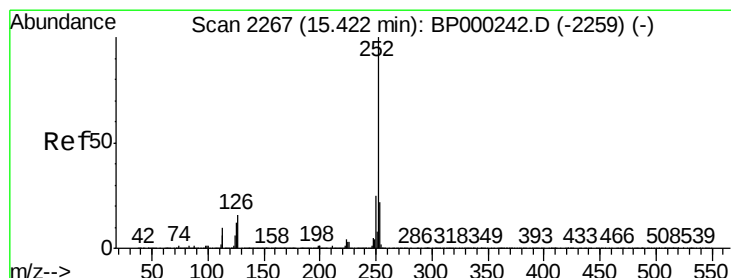
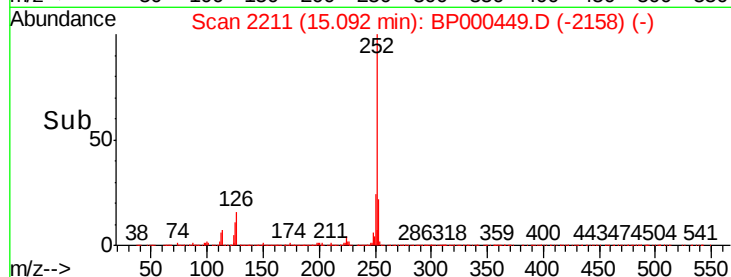
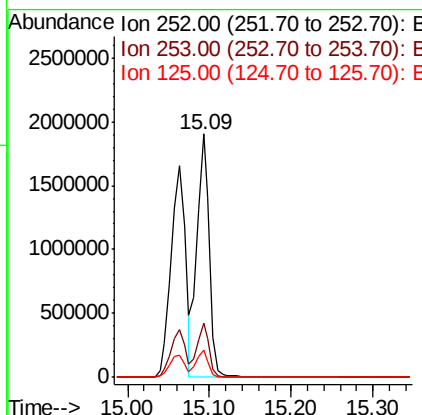
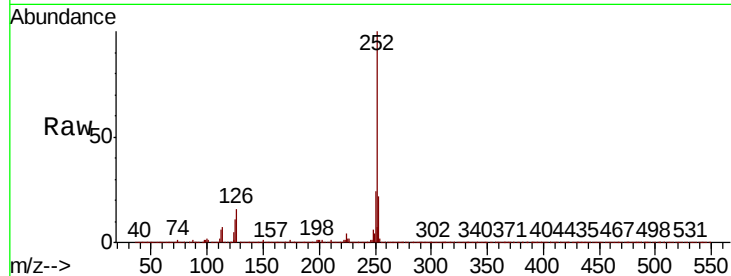




#89
Benzo(k)fluoranthene
Concen: 46.211 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

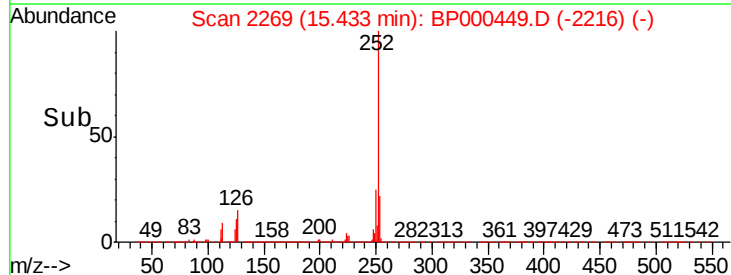
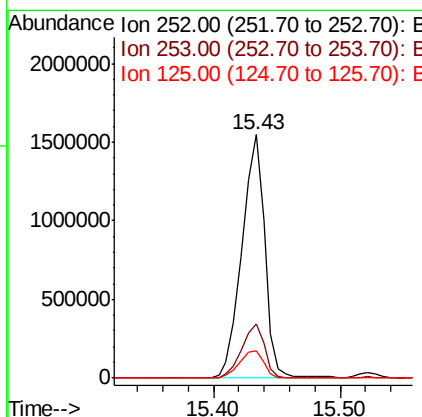
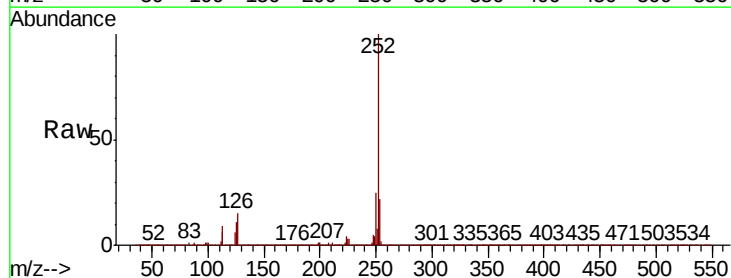
Instrument :
BNA_P
ClientSampleId :

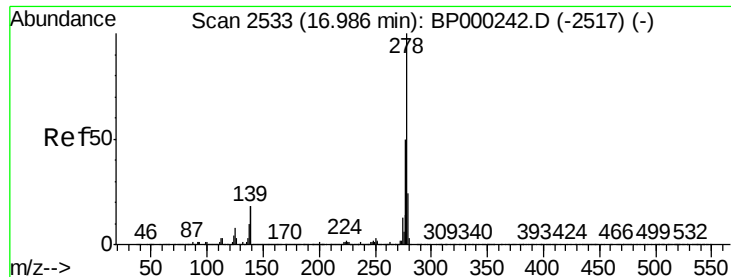
Tot Ion:252 Resp: 2014321
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.0 9.6 14.4



#90
Benzo(a)pyrene
Concen: 42.506 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BP000449.D
Acq: 27 Sep 2019 11:54

Tgt Ion:252 Resp: 1932703
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 11.4 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 44.413 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.02 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

Instrument :

BNA_P

ClientSampleId :

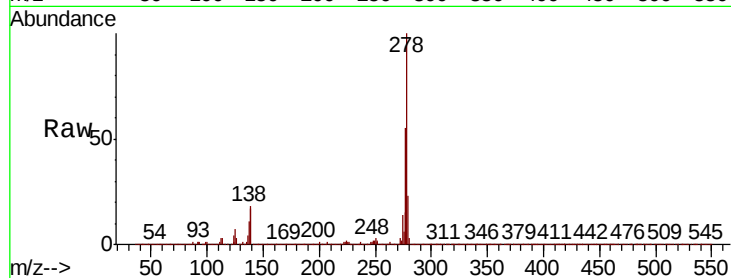
Tot Ion:278 Resp: 1882782

Ion Ratio Lower Upper

278 100

139 17.3 14.5 21.7

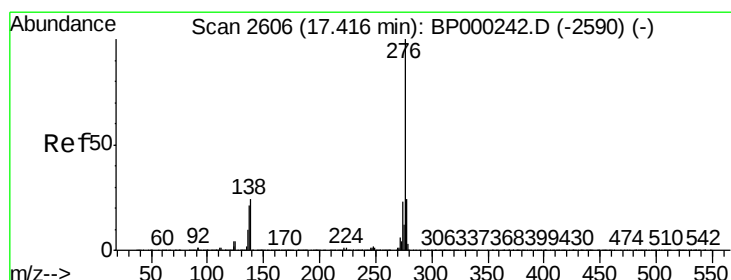
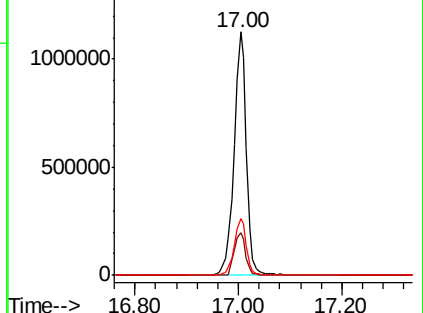
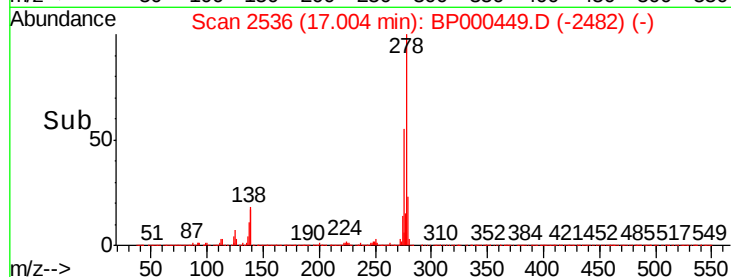
279 23.3 19.0 28.6



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: 43.372 ng

RT: 17.44 min Scan# 2610

Delta R.T. 0.02 min

Lab File: BP000449.D

Acq: 27 Sep 2019 11:54

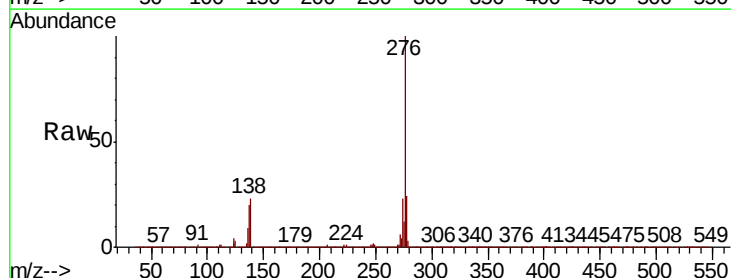
Tgt Ion:276 Resp: 1889927

Ion Ratio Lower Upper

276 100

277 23.9 19.1 28.7

138 23.4 19.5 29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

