

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000459.D
 Acq On : 27 Sep 2019 15:55
 Operator : JU
 Sample : K4968-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 23:09:53 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	173822	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	641409	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	399529	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	429896	20.00	ng	0.00
76) Chrysene-d12	14.01	240	399878	20.00	ng	0.01
87) Perylene-d12	15.49	264	448691	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1296856	128.80	ng	0.02
7) Phenol-d6	6.43	99	1787058	144.79	ng	0.01
23) Nitrobenzene-d5	7.35	82	1033870	104.00	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	380872	96.11	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2224001	100.19	ng	0.00
79) Terphenyl-d14	12.94	244	1816687	95.31	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.54	88	191391	42.123	ng	99
3) Pyridine	3.29	79	406128	33.202	ng	99
4) n-Nitrosodimethylamine	3.22	42	146814	42.566	ng	96
6) Aniline	6.45	93	454828	26.728	ng	# 22
8) 2-Chlorophenol	6.58	128	432690	39.908	ng	99
9) Benzaldehyde	6.33	77	350421	55.058	ng	98
10) Phenol	6.45	94	723205	51.574	ng	78
11) bis(2-Chloroethyl)ether	6.52	93	447554	41.678	ng	100
12) 1,3-Dichlorobenzene	6.73	146	481476	37.006	ng	99
13) 1,4-Dichlorobenzene	6.81	146	560586	43.305	ng	96
14) 1,2-Dichlorobenzene	6.96	146	545035	45.962	ng	100
15) Benzyl Alcohol	6.93	79	427701	47.619	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	398947	39.187	ng	89
17) 2-Methylphenol	7.05	107	419959	45.223	ng	97
18) Hexachloroethane	7.30	117	178938	37.352	ng	# 88
19) n-Nitroso-di-n-propylamine	7.20	70	261708	40.105	ng	98
20) 3+4-Methylphenols	7.20	107	469726	41.830	ng	# 76
22) Acetophenone	7.19	105	623572	44.861	ng	# 98
24) Nitrobenzene	7.37	77	490734	47.525	ng	98
25) Isophorone	7.61	82	736853	37.432	ng	98
26) 2-Nitrophenol	7.69	139	286073	52.259	ng	95
27) 2,4-Dimethylphenol	7.73	122	482451	55.329	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	604790	46.193	ng	100
29) 2,4-Dichlorophenol	7.93	162	390639	41.800	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	451635	42.163	ng	99
31) Naphthalene	8.09	128	1231482	41.456	ng	99
32) Benzoic acid	7.85	122	230989	39.234	ng	98
33) 4-Chloroaniline	8.14	127	171533	12.759	ng	99
34) Hexachlorobutadiene	8.22	225	299440	47.179	ng	99
35) Caprolactam	8.50	113	103738	32.631	ng	92
36) 4-Chloro-3-methylphenol	8.63	107	460139	48.502	ng	96
37) 2-Methylnaphthalene	8.79	142	883472	43.506	ng	98
38) 1-Methylnaphthalene	8.89	142	902957	47.468	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	521626	45.664	ng	99

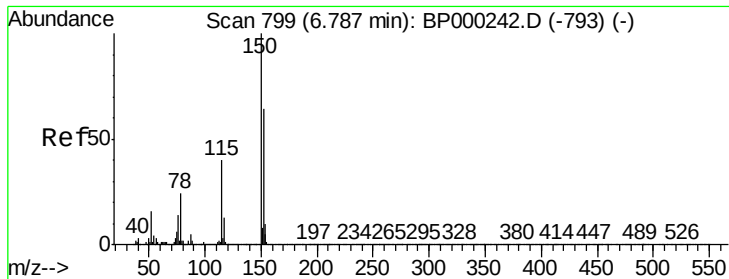
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	494727	75.420	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	297817	37.678	ng	100
44) 2,4,5-Trichlorophenol	9.12	196	373805	46.184	ng	99
46) 1,1'-Biphenyl	9.25	154	1174625	42.499	ng	99
47) 2-Chloronaphthalene	9.28	162	832815	35.921	ng	98
48) 2-Nitroaniline	9.38	65	238824	40.563	ng	98
49) Acenaphthylene	9.70	152	1575402	45.204	ng	99
50) Dimethylphthalate	9.56	163	1334217	49.015	ng	99
51) 2,6-Dinitrotoluene	9.62	165	249575	41.699	ng	95
52) Acenaphthene	9.87	154	762859	34.686	ng	99
53) 3-Nitroaniline	9.78	138	115018	16.556	ng	93
54) 2,4-Dinitrophenol	9.90	184	170586	64.512	ng	95
55) Dibenzofuran	10.05	168	1563743	50.297	ng	99
56) 4-Nitrophenol	9.96	139	331338	64.124	ng	92
57) 2,4-Dinitrotoluene	10.03	165	400476	51.183	ng	98
58) Fluorene	10.39	166	999214	41.610	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	307396	46.155	ng	97
60) Diethylphthalate	10.26	149	1179090	45.029	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	533372	43.270	ng	97
62) 4-Nitroaniline	10.40	138	258751	37.867	ng	92
63) Azobenzene	10.54	77	676570	30.498	ng	96
65) 4,6-Dinitro-2-methylphenol	10.44	198	141841	70.170	ng	96
66) n-Nitrosodiphenylamine	10.50	169	868527	67.112	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	227745	46.849	ng	94
68) Hexachlorobenzene	10.95	284	259241	48.779	ng	96
69) Atrazine	11.03	200	192731	Below Cal		98
70) Pentachlorophenol	11.15	266	238190	82.290	ng	99
71) Phenanthrene	11.36	178	976578	45.331	ng	99
72) Anthracene	11.41	178	1009418	45.521	ng	99
73) Carbazole	11.57	167	899033	45.019	ng	99
74) Di-n-butylphthalate	11.90	149	1103206	43.644	ng	99
75) Fluoranthene	12.56	202	1137074	49.154	ng	92
77) Benzidine	12.68	184	406741	28.481	ng	97
78) Pyrene	12.79	202	1161251	38.815	ng	99
80) Butylbenzylphthalate	13.42	149	497976	36.225	ng	95
81) Benzo(a)anthracene	14.00	228	1075065	42.561	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	324597	31.975	ng	99
83) Chrysene	14.03	228	1056099	42.583	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	686798	41.619	ng	98
85) Di-n-octyl phthalate	14.61	149	1204122	39.370	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1359385	44.967	ng	# 91
88) Benzo(b)fluoranthene	15.06	252	1160179	43.343	ng	# 96
89) Benzo(k)fluoranthene	15.09	252	1121413	48.028	ng	# 95
90) Benzo(a)pyrene	15.43	252	1118801	45.935	ng	# 96
91) Dibenzo(a,h)anthracene	17.01	278	1139994	50.202	ng	# 94
92) Benzo(g,h,i)perylene	17.44	276	1120255	47.995	ng	# 92

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

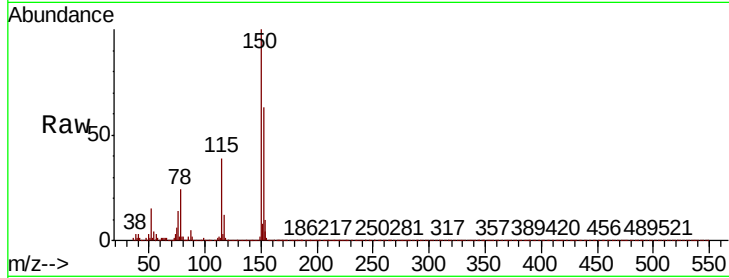


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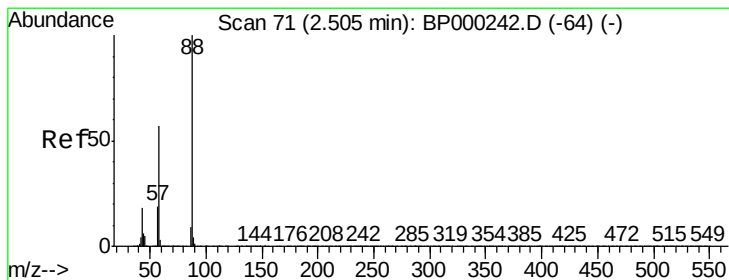
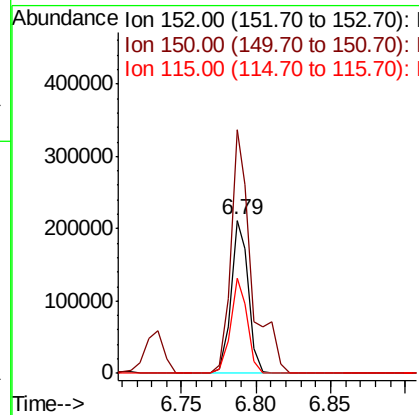
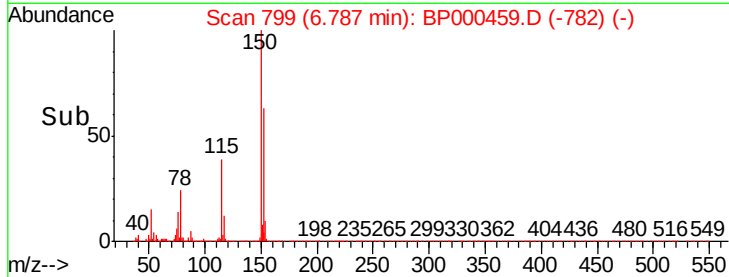
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	125.2	187.8
115	62.1	49.7	74.5



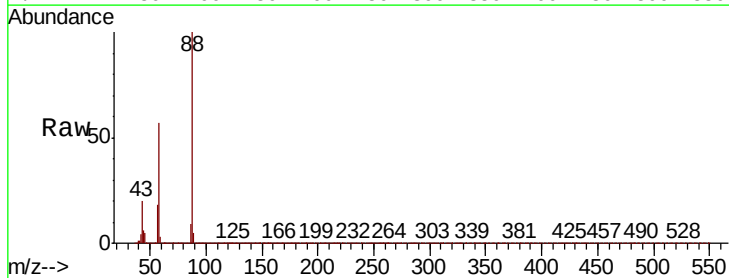
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



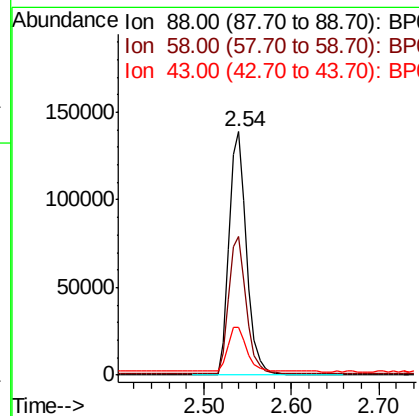
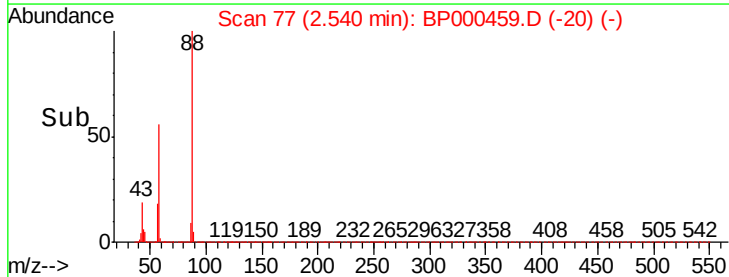
#2

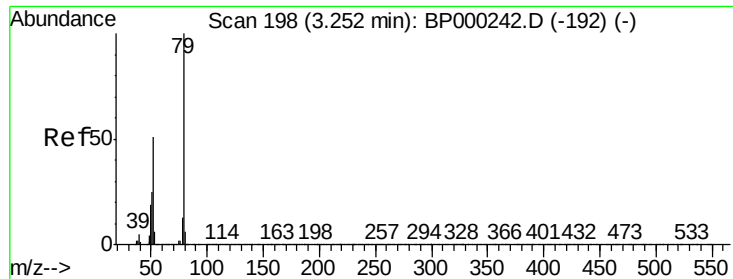
1,4-Dioxane
Concen: 42.123 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.04 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.0	45.4	68.2
43	19.3	15.0	22.6



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





#3

Pvridine

Concen: 33.202 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.04 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

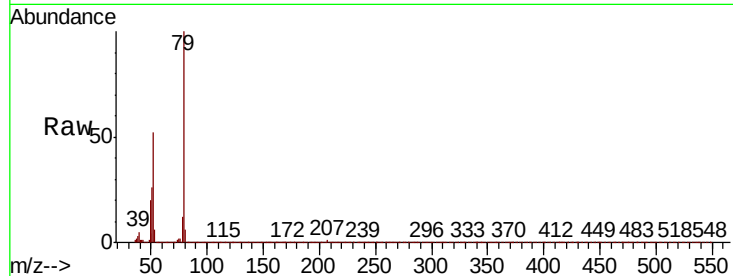
Tot Ion: 79 Resp: 406128

Ion Ratio Lower Upper

79 100

52 51.8 40.9 61.3

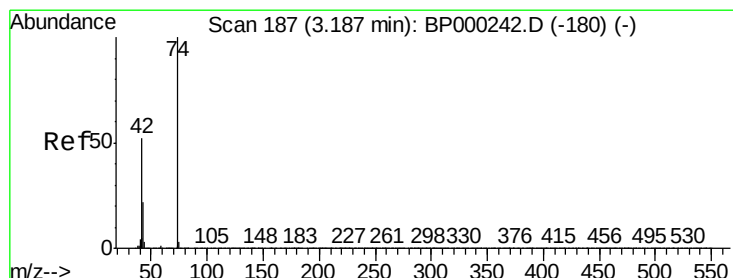
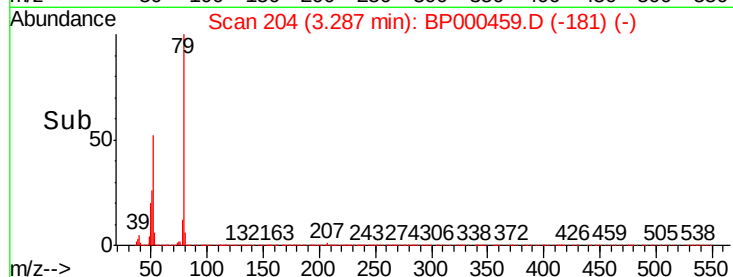
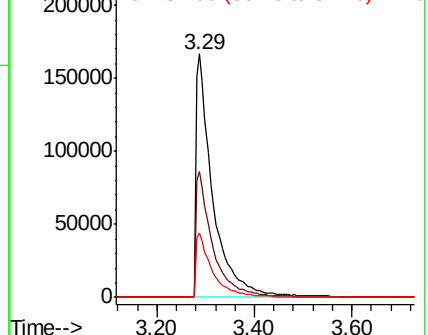
51 26.5 20.2 30.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 42.566 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.04 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

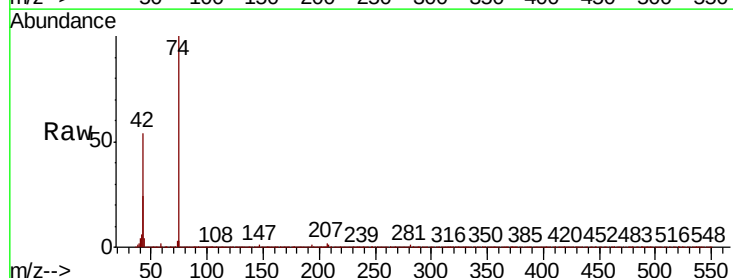
Tgt Ion: 42 Resp: 146814

Ion Ratio Lower Upper

42 100

74 186.5 154.5 231.7

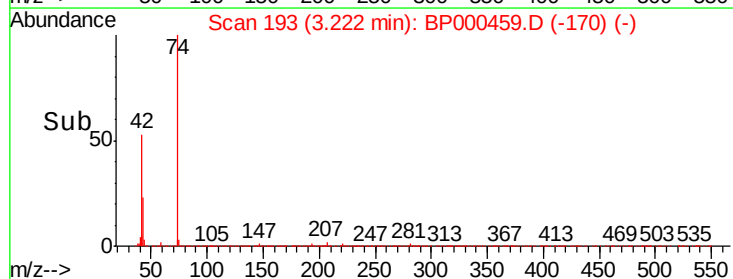
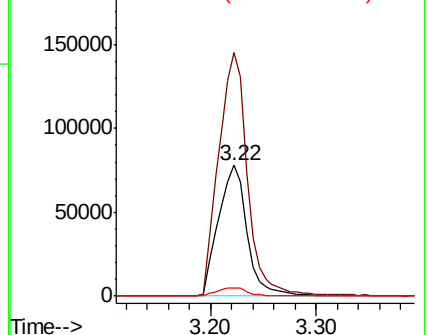
44 6.6 5.9 8.9

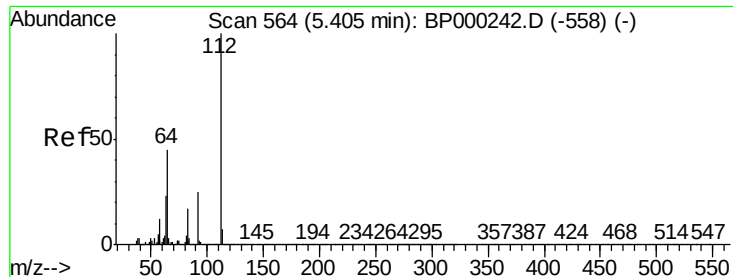


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 128.800 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

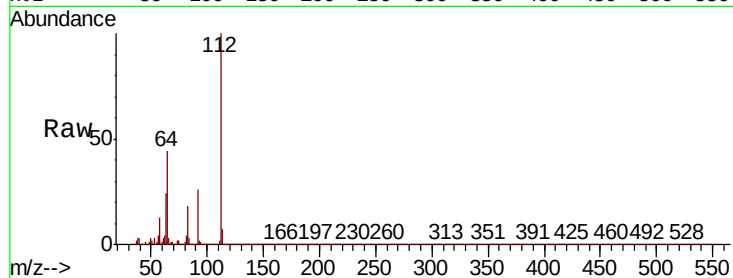
Instrument :

BNA_P

ClientSampleId :

Tot Ion:112 Resp: 1296856

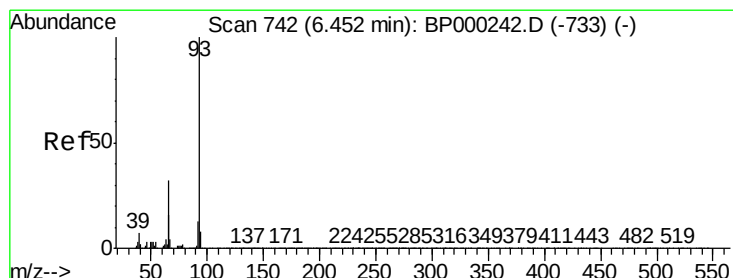
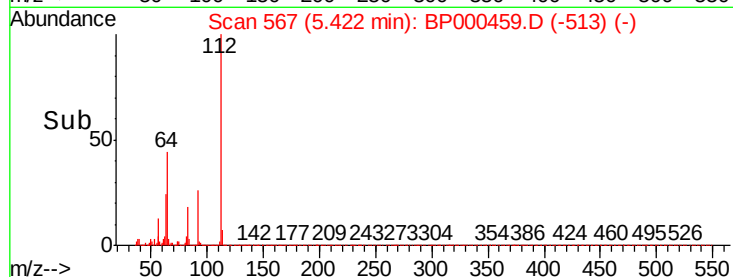
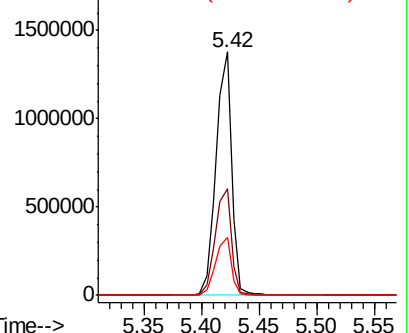
Ion	Ratio	Lower	Upper
112	100		
64	44.0	36.2	54.4
63	23.6	18.3	27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 26.728 ng

RT: 6.45 min Scan# 742

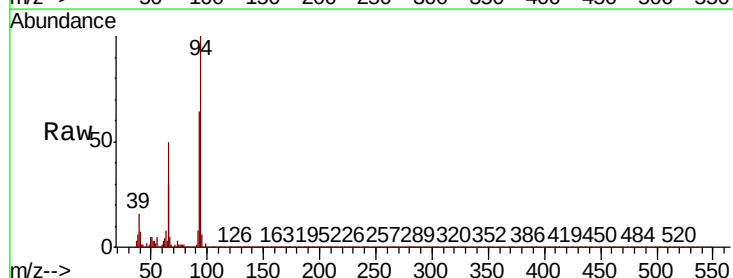
Delta R.T. -0.00 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Tgt Ion: 93 Resp: 454828

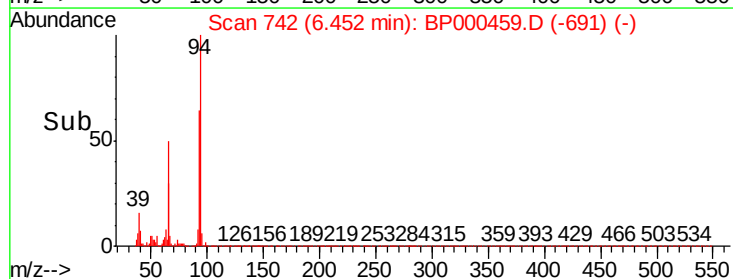
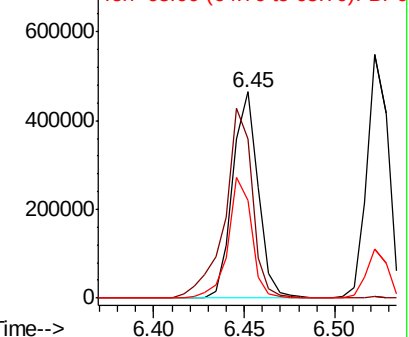
Ion	Ratio	Lower	Upper
93	100		
66	77.4	26.2	39.2#
65	47.4	12.7	19.1#

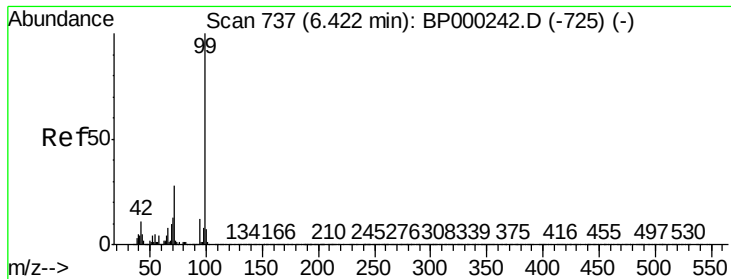


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 144.793 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

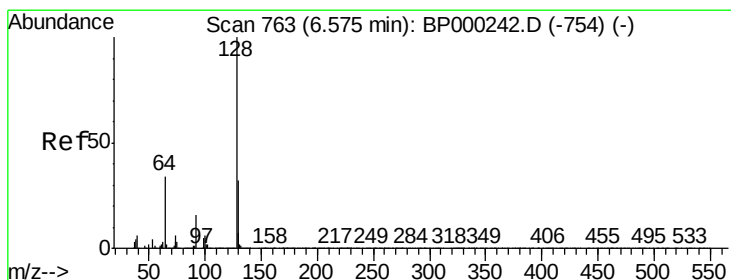
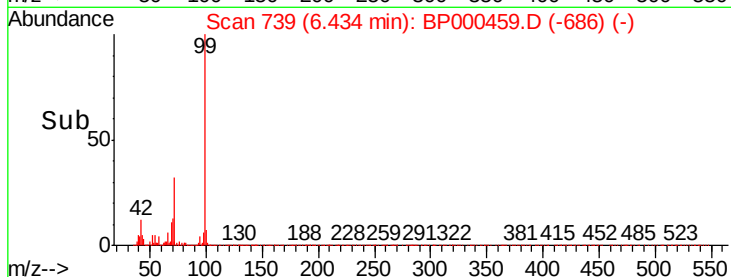
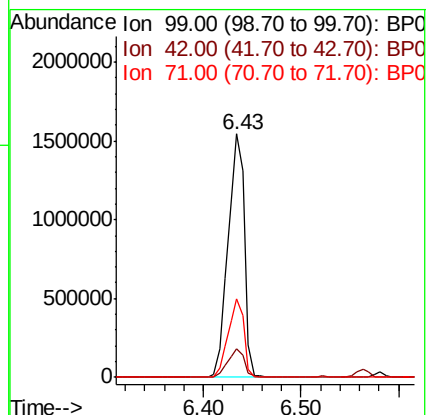
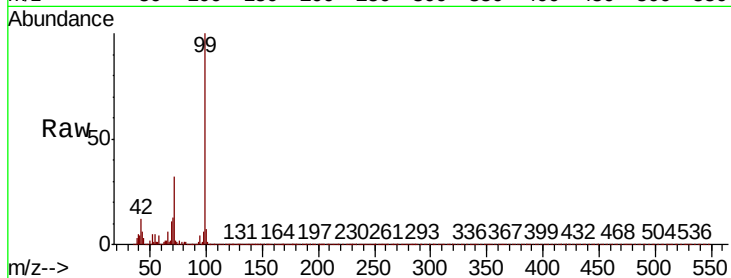
Tot Ion: 99 Resp: 1787058

Ion Ratio Lower Upper

99 100

42 11.8 8.5 12.7

71 32.3 22.6 34.0



#8

2-Chlorophenol

Concen: 39.908 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

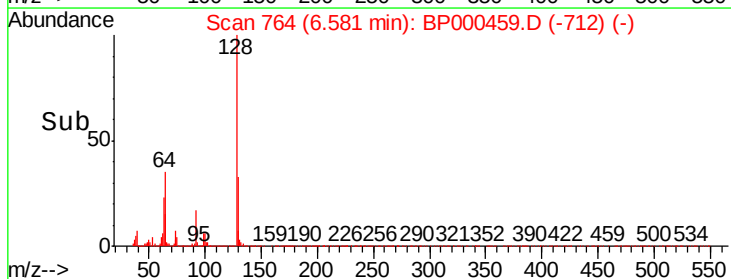
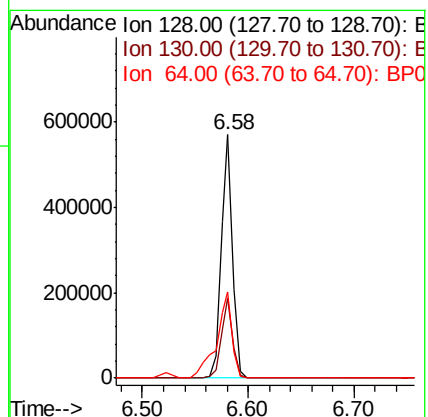
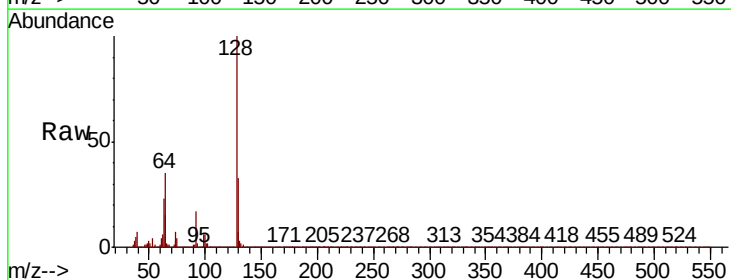
Tgt Ion: 128 Resp: 432690

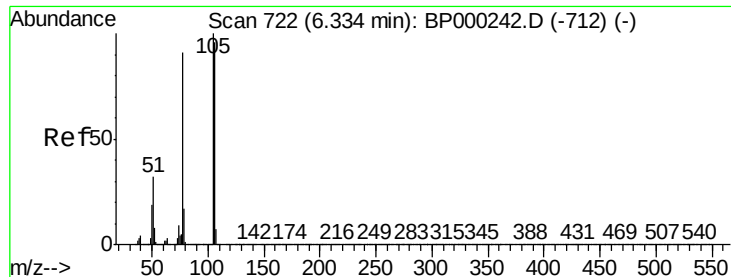
Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

64 35.2 16.0 56.0





#9

Benzaldehyde

Concen: 55.058 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampled :

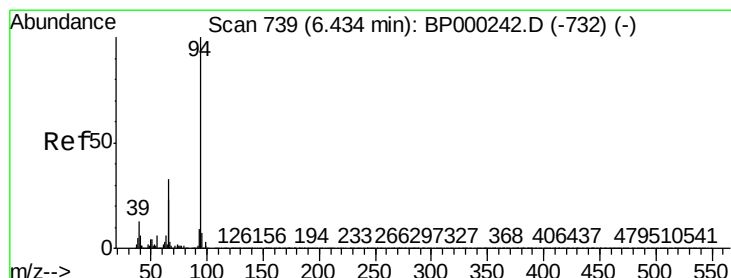
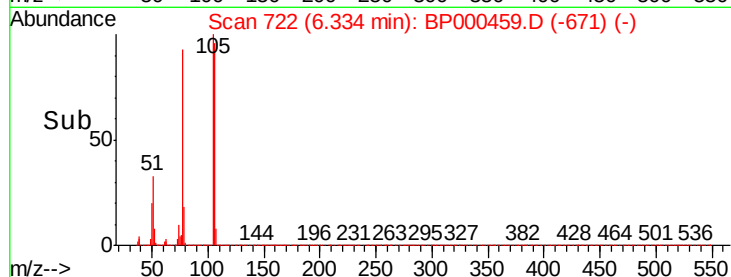
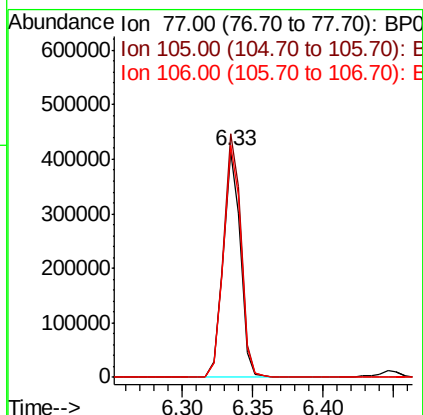
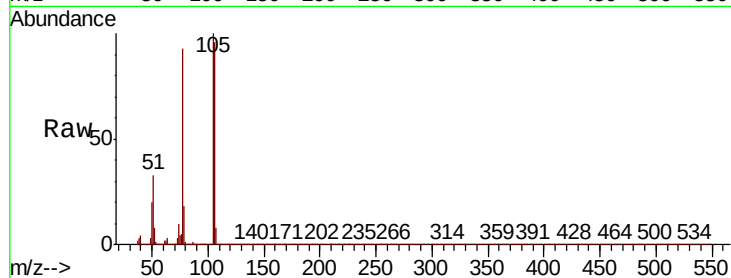
Tot Ion: 77 Resp: 350421

Ion Ratio Lower Upper

77 100

105 107.7 89.6 129.6

106 103.0 84.6 124.6



#10

Phenol

Concen: 51.574 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

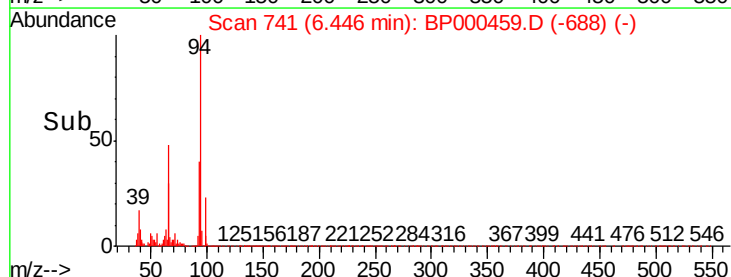
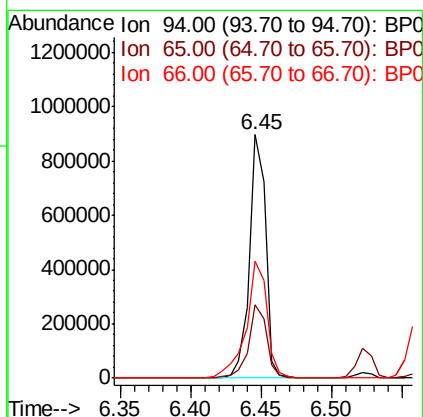
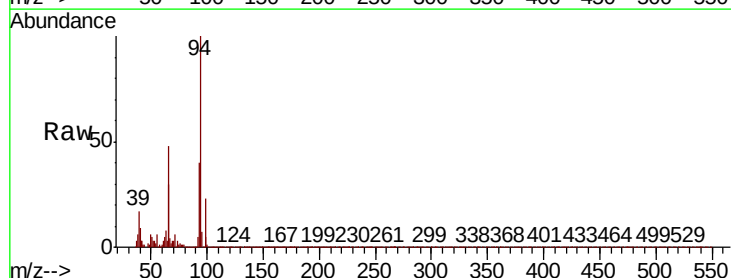
Tgt Ion: 94 Resp: 723205

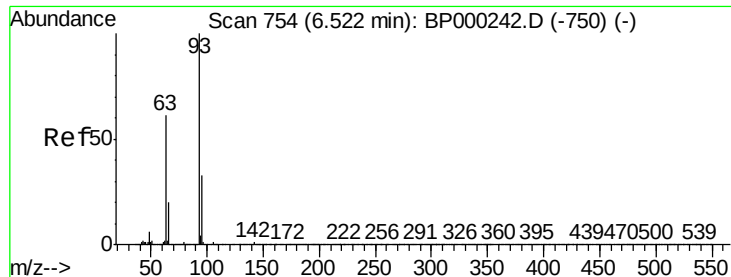
Ion Ratio Lower Upper

94 100

65 30.3 3.3 43.3

66 47.8 12.7 52.7



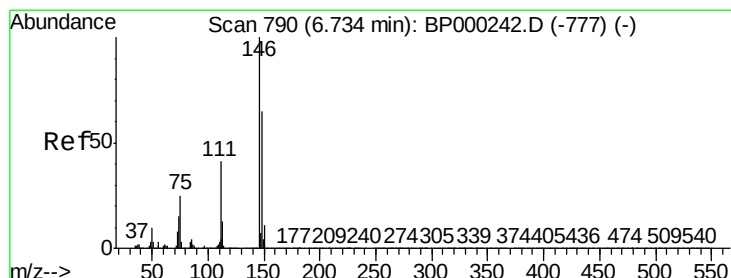
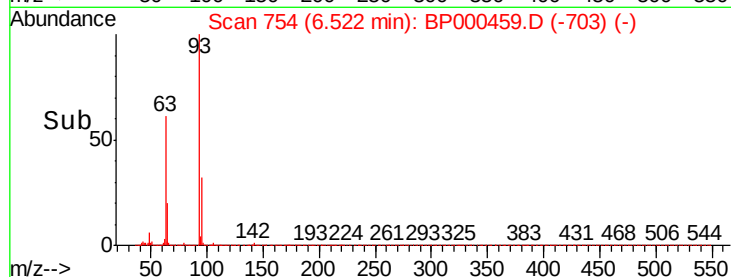
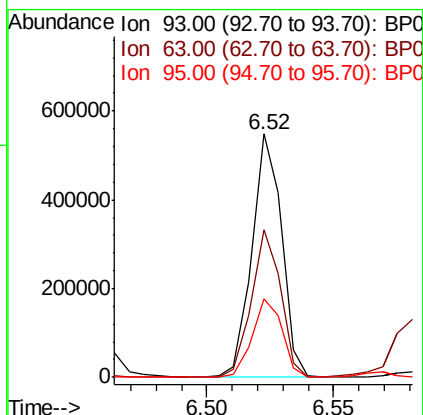
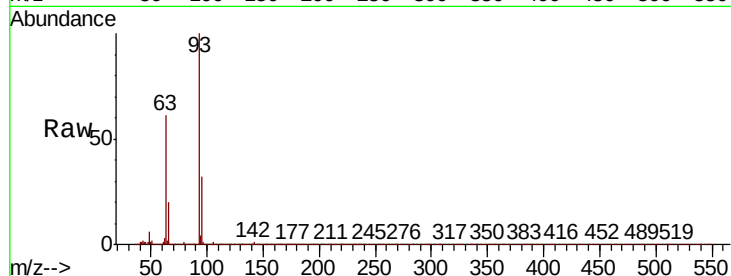


#11

bis(2-Chloroethyl)ether
Concen: 41.678 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Instrument :
BNA_P
ClientSampleId :

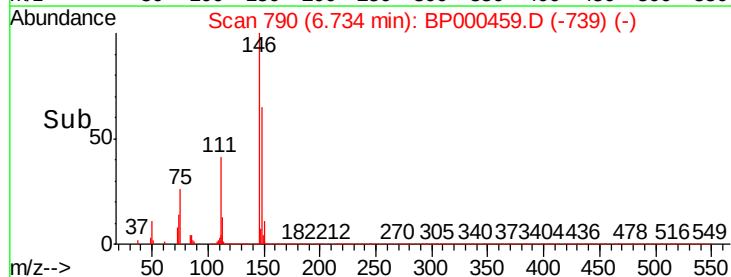
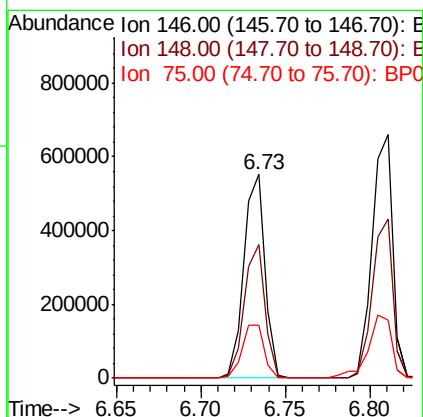
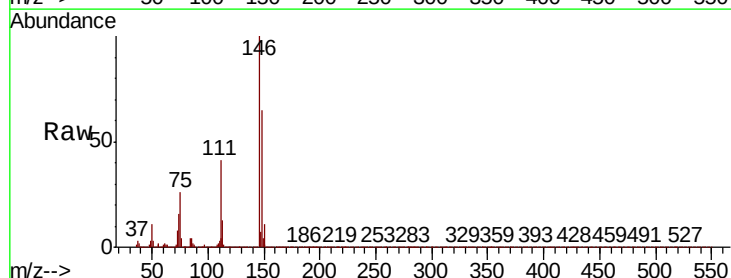
Tot Ion:	93	Resp:	447554
Ion	Ratio	Lower	Upper
93	100		
63	60.9	41.0	81.0
95	32.4	12.7	52.7

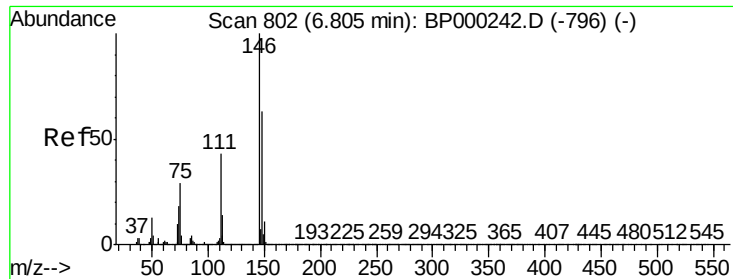


#12

1,3-Dichlorobenzene
Concen: 37.006 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion:	146	Resp:	481476
Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.1	78.1
75	26.2	20.2	30.4

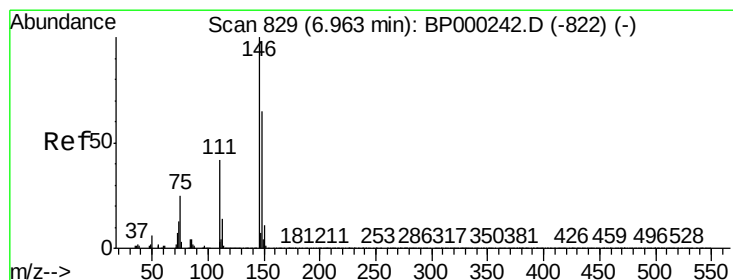
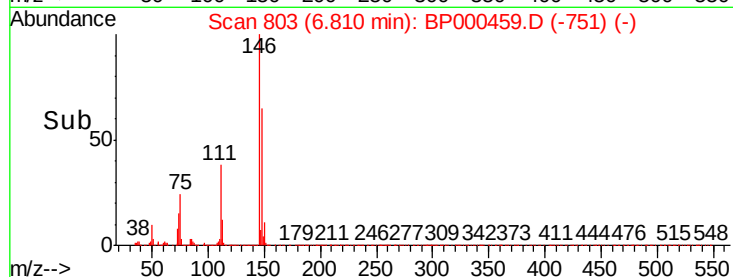
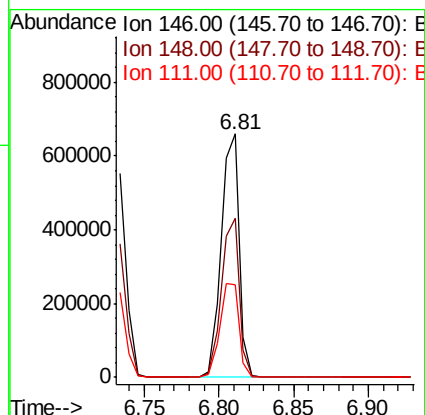
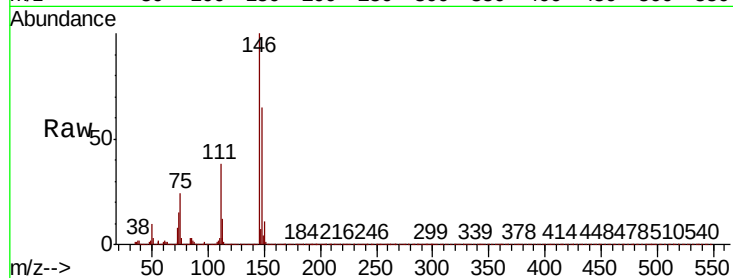




#13
1,4-Dichlorobenzene
Concen: 43.305 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

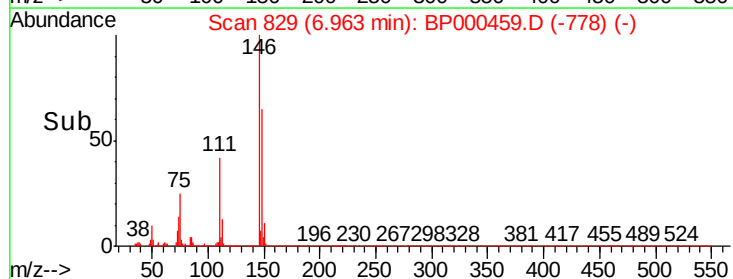
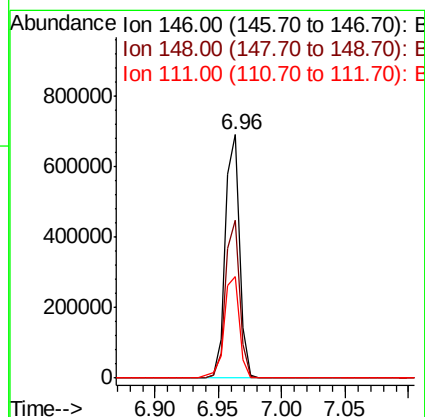
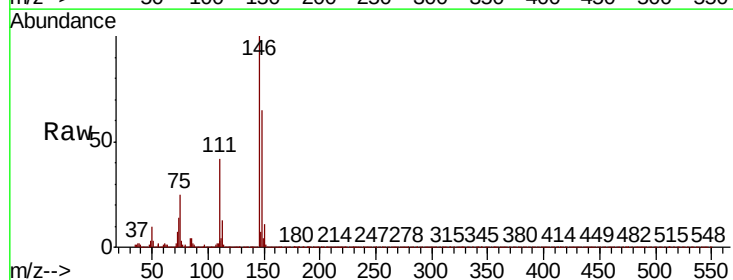
Instrument :
BNA_P
ClientSampled :

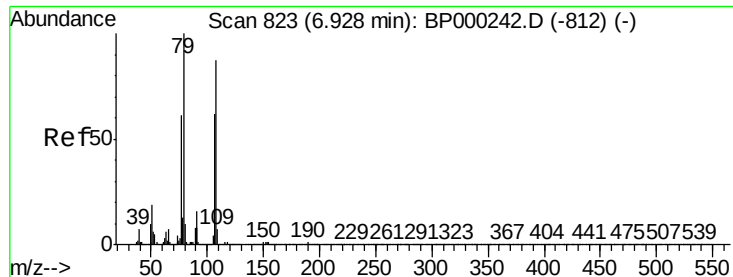
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.7	76.1
111	38.3	34.1	51.1



#14
1,2-Dichlorobenzene
Concen: 45.962 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.7	77.5
111	41.8	33.4	50.2





#15

Benzyl Alcohol

Concen: 47.619 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

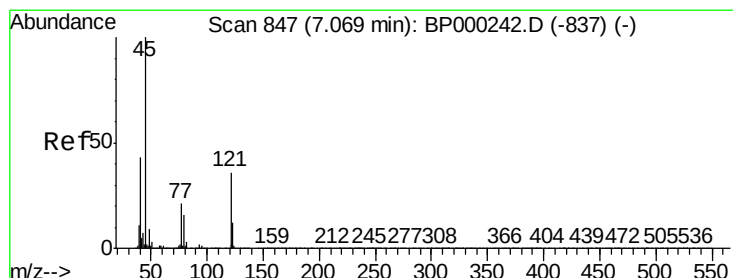
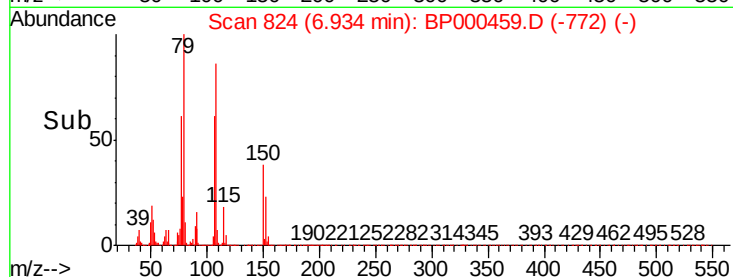
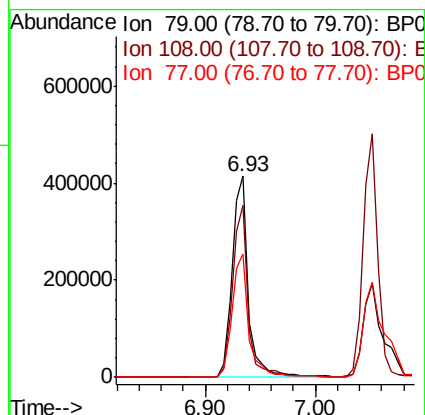
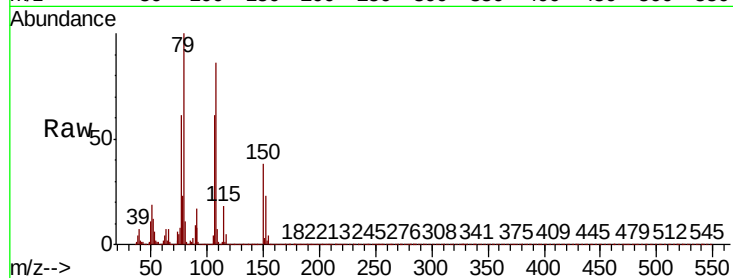
Tot Ion: 79 Resp: 427701

Ion Ratio Lower Upper

79 100

108 85.8 69.2 103.8

77 61.4 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.187 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

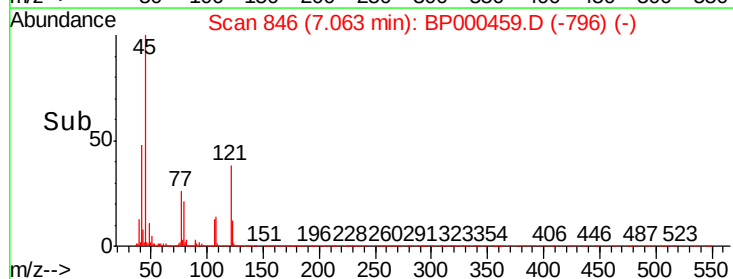
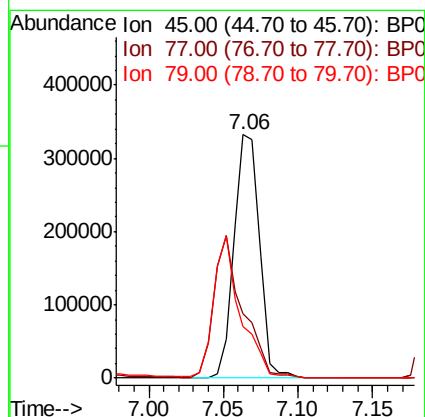
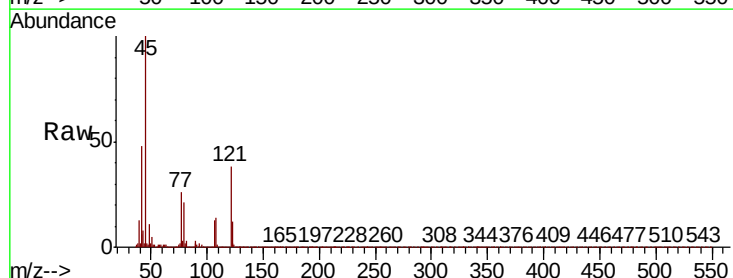
Tgt Ion: 45 Resp: 398947

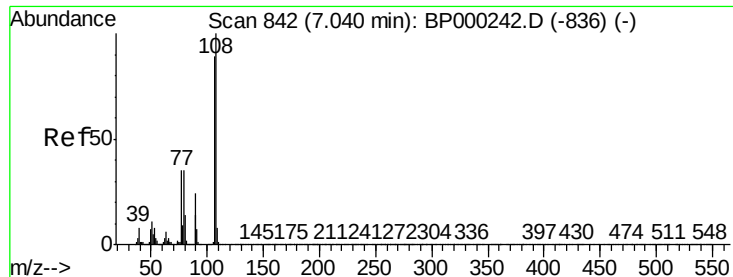
Ion Ratio Lower Upper

45 100

77 26.3 0.7 40.7

79 21.0 0.0 36.4





#17

2-Methylphenol

Concen: 45.223 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 419959

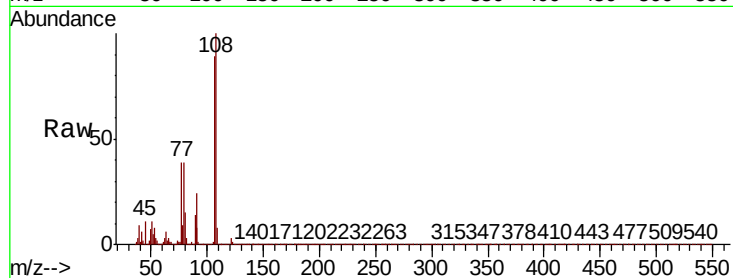
Ion Ratio Lower Upper

107 100

108 112.1 90.1 135.1

77 43.6 31.5 47.3

79 43.4 32.2 48.2

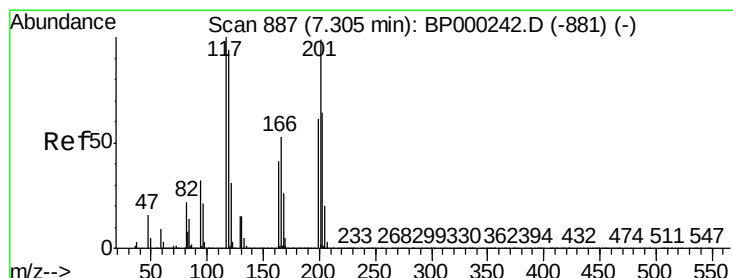
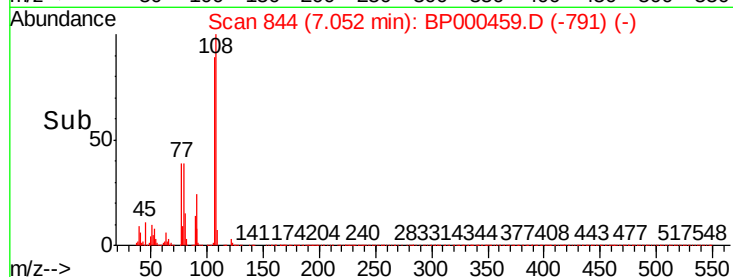
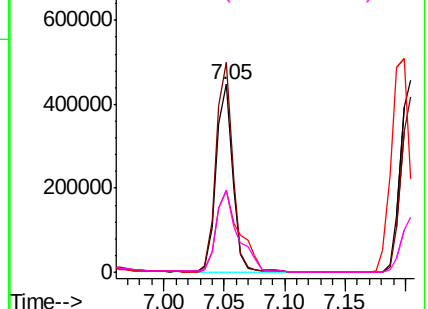


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.352 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

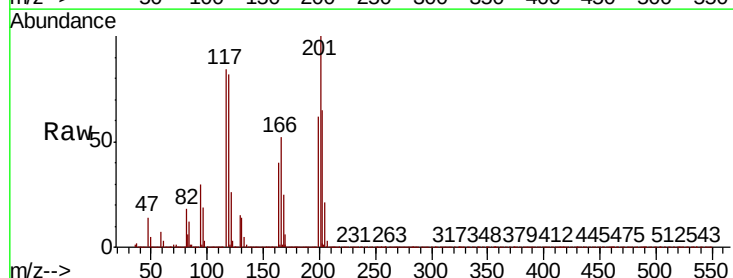
Tgt Ion:117 Resp: 178938

Ion Ratio Lower Upper

117 100

119 98.0 75.6 113.4

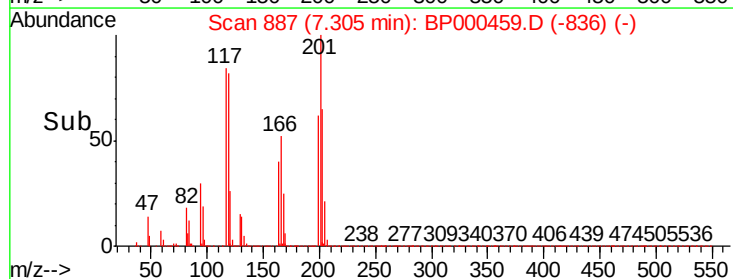
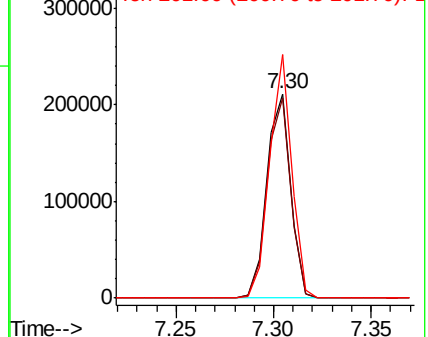
201 119.3 79.4 119.2#

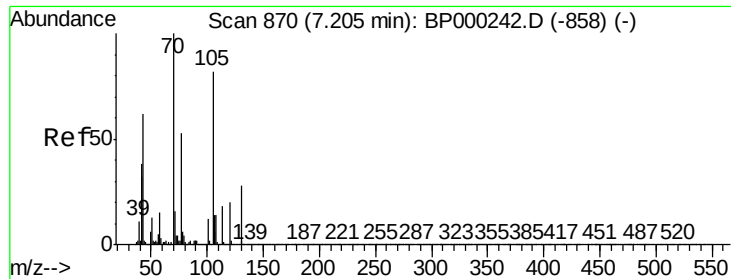


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

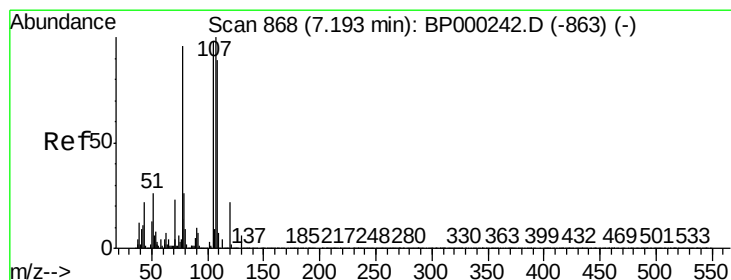
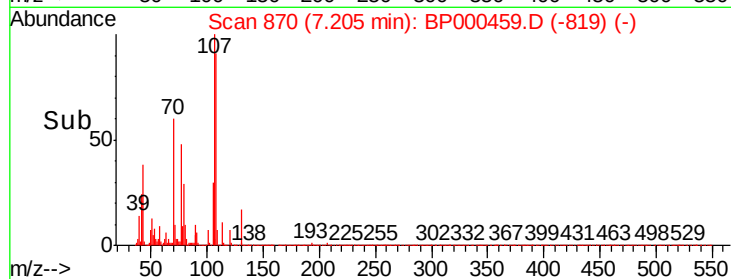
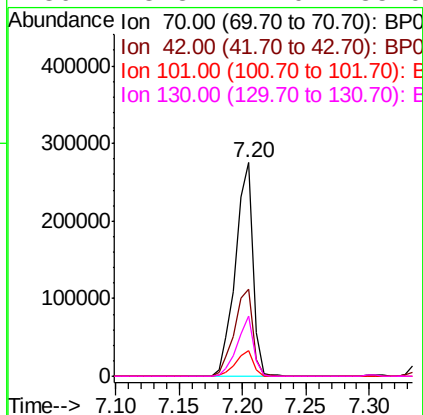
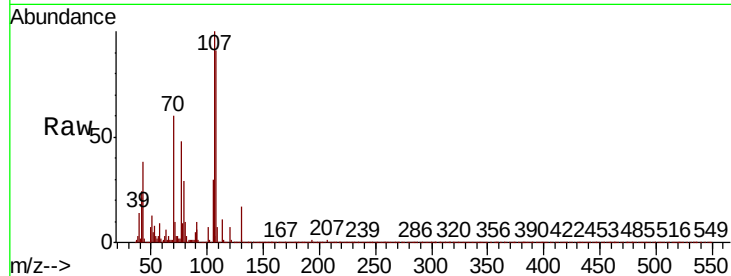




#19
n-Nitroso-di-n-propylamine
Concen: 40.105 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

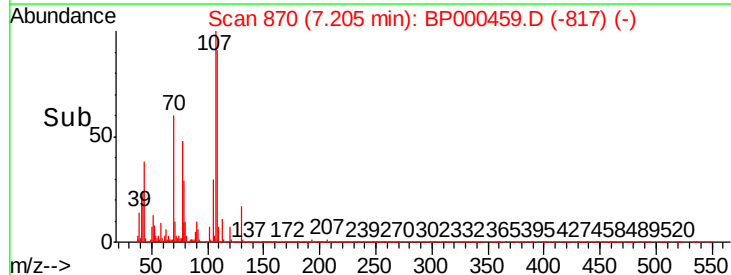
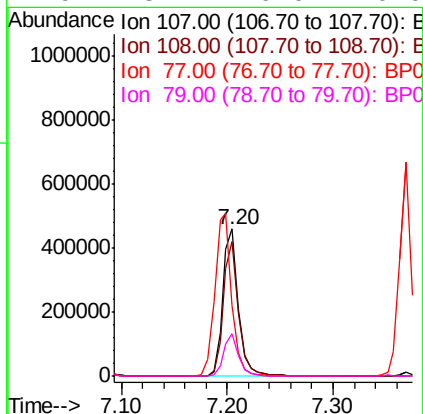
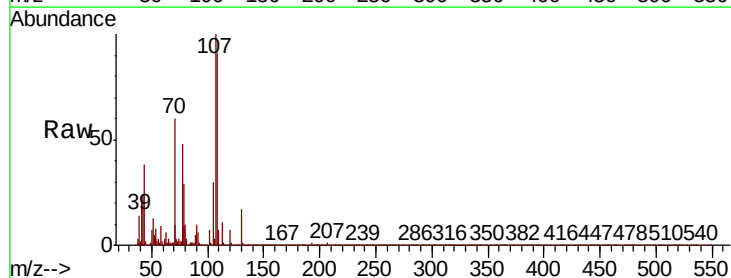
Instrument :
BNA_P
ClientSampleId :

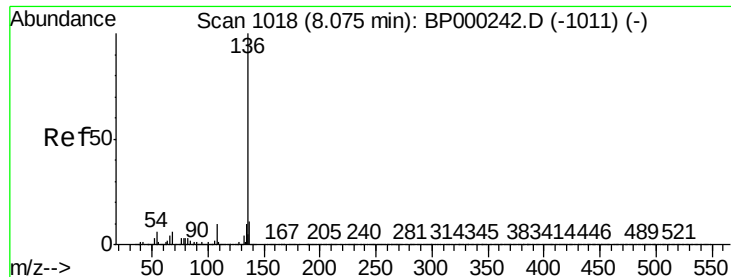
Tot Ion:	70	Resp:	261708
Ion	Ratio	Lower	Upper
70	100		
42	40.5	30.7	46.1
101	12.1	9.6	14.4
130	28.3	22.0	33.0



#20
3+4-Methylphenols
Concen: 41.830 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion:	107	Resp:	469726
Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.8	108.8
77	48.3	75.7	115.7#
79	28.7	6.0	46.0

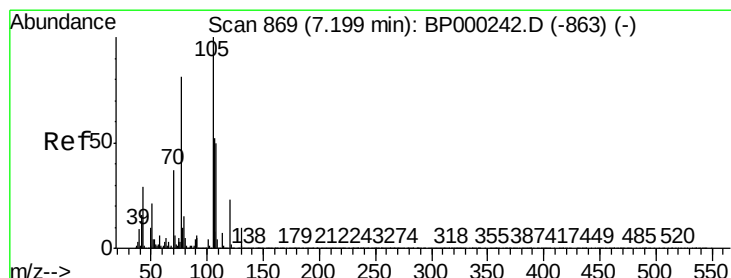
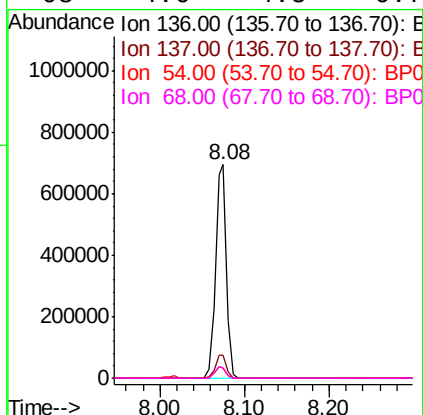
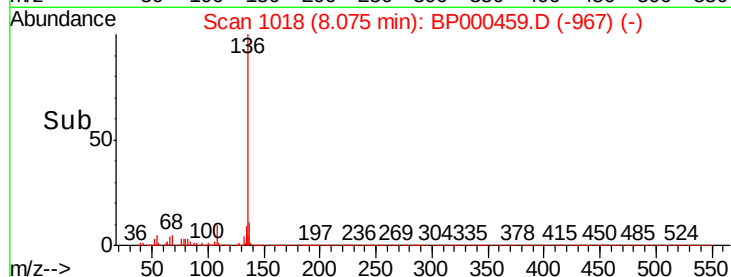
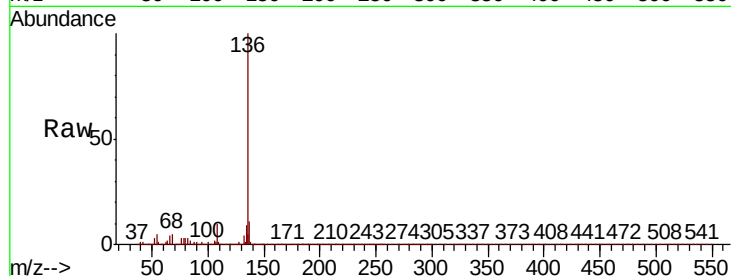




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

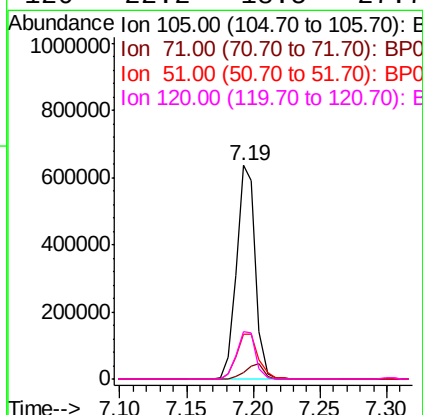
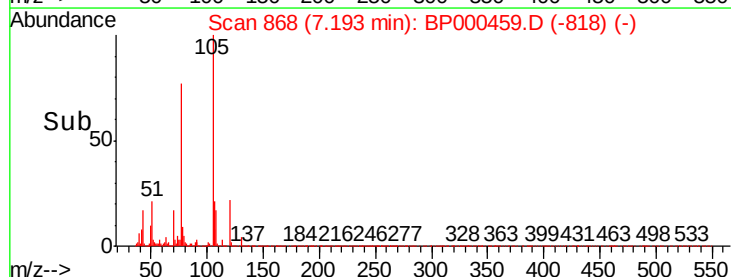
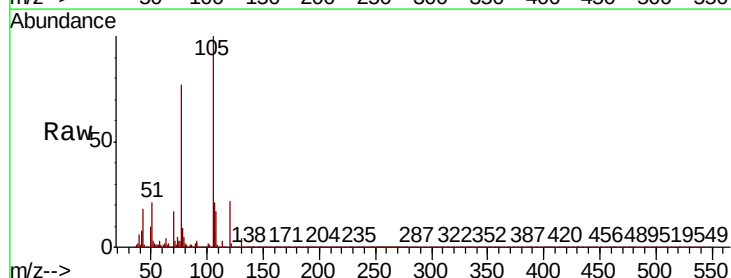
Instrument :
BNA_P
ClientSampleId :

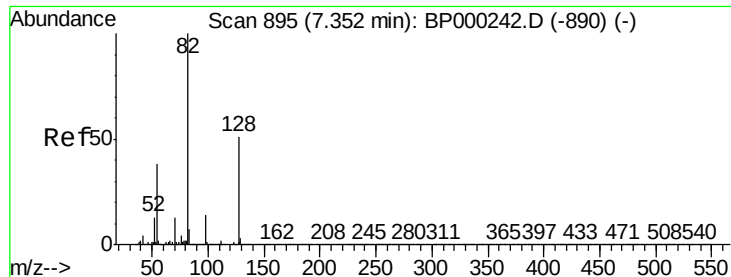
Tot Ion:136	Resp: 641409
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 5.0	4.5 6.7
68 4.6	4.5 6.7



#22
Acetophenone
Concen: 44.861 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt	Ion:105	Resp:	623572
Ion	Ratio	Lower	Upper
105	100		
71	3.0	5.2	7.8#
51	20.9	16.6	24.8
120	22.2	18.5	27.7

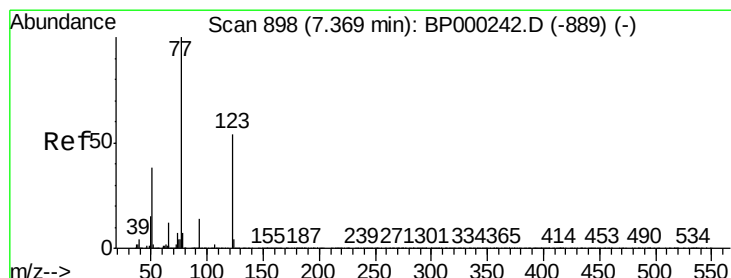
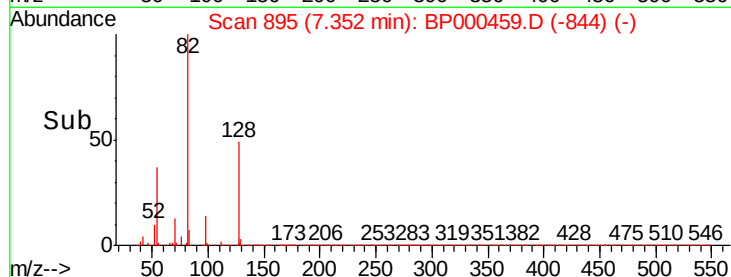
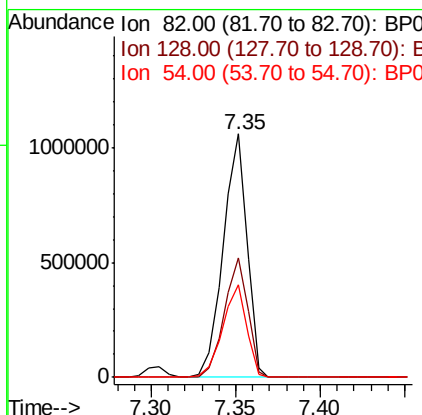
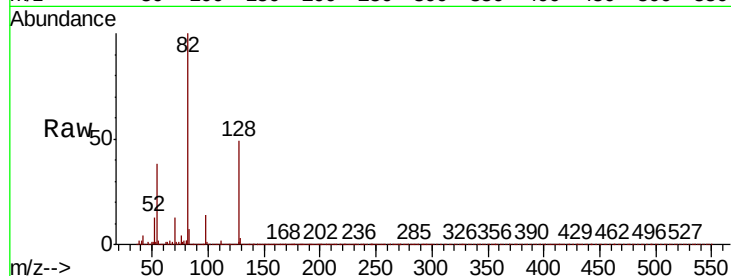




#23
 Nitrobenzene-d5
 Concen: 103.997 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000459.D
 Acq: 27 Sep 2019 15:55

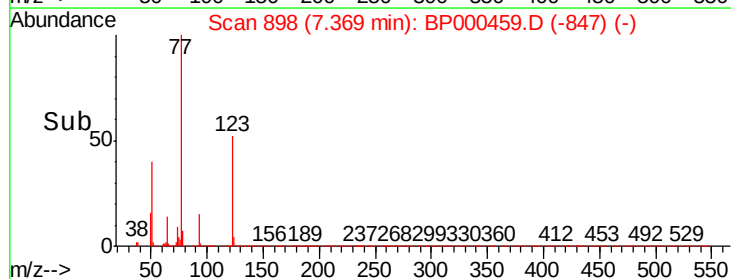
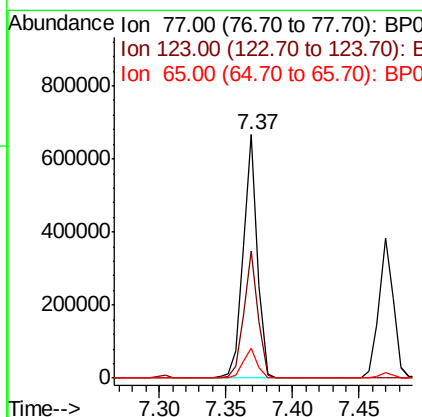
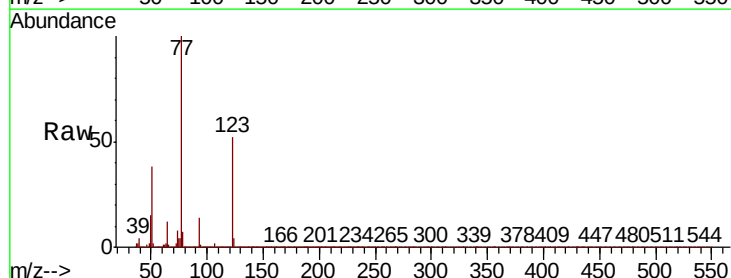
Instrument :
 BNA_P
 ClientSampleId :

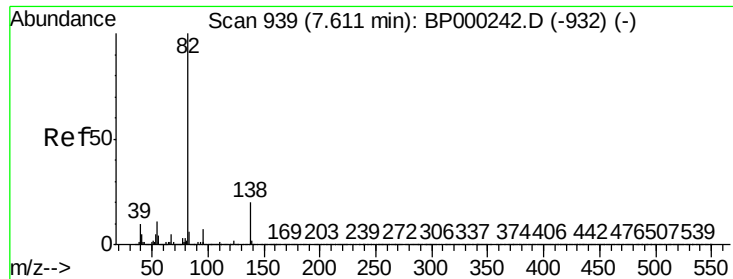
Tot Ion: 82 Resp: 1033870
 Ion Ratio Lower Upper
 82 100
 128 49.3 40.7 61.1
 54 37.8 30.1 45.1



#24
 Nitrobenzene
 Concen: 47.525 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BP000459.D
 Acq: 27 Sep 2019 15:55

Tgt Ion: 77 Resp: 490734
 Ion Ratio Lower Upper
 77 100
 123 52.2 43.1 64.7
 65 12.5 9.4 14.2

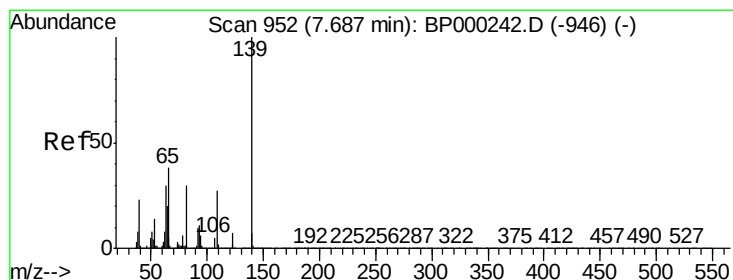
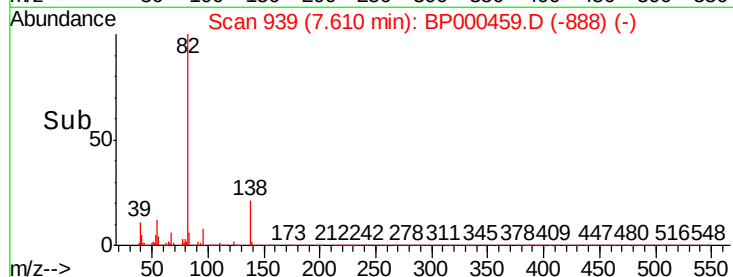
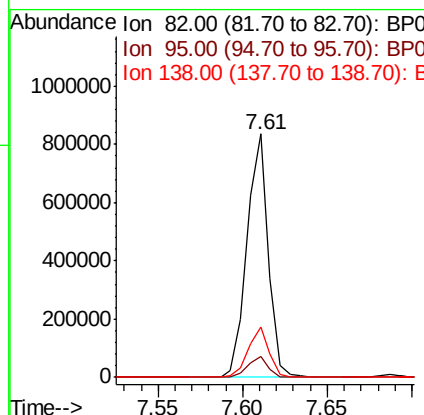
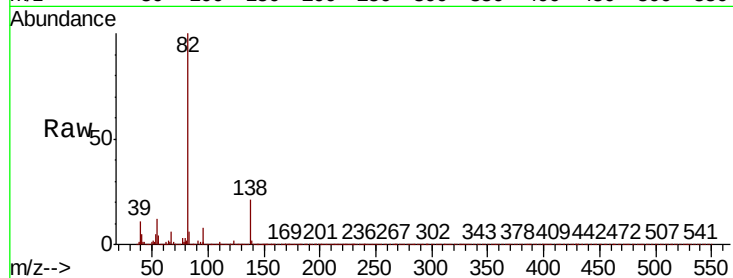




#25
Isophorone
Concen: 37.432 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

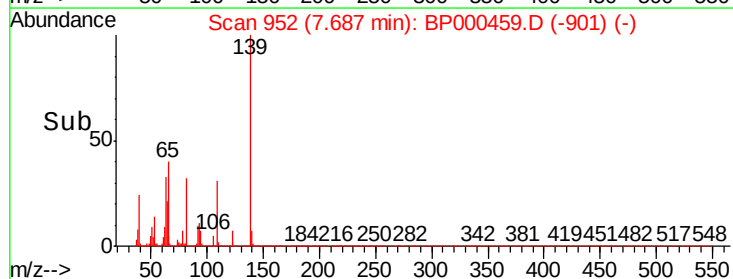
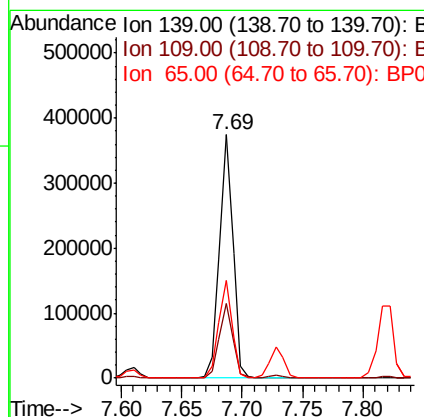
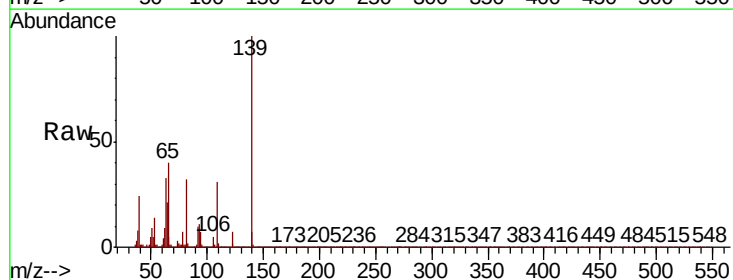
Instrument :
BNA_P
ClientSampleId :

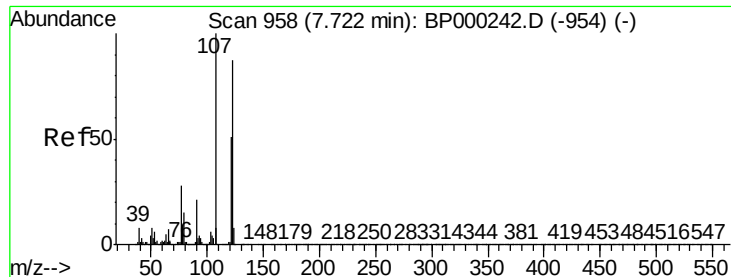
Tot Ion: 82 Resp: 736853
Ion Ratio Lower Upper
82 100
95 8.4 5.9 8.9
138 20.5 15.9 23.9



#26
2-Nitrophenol
Concen: 52.259 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion: 139 Resp: 286073
Ion Ratio Lower Upper
139 100
109 30.5 21.8 32.6
65 40.2 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 55.329 ng

RT: 7.73 min Scan# 959

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampled :

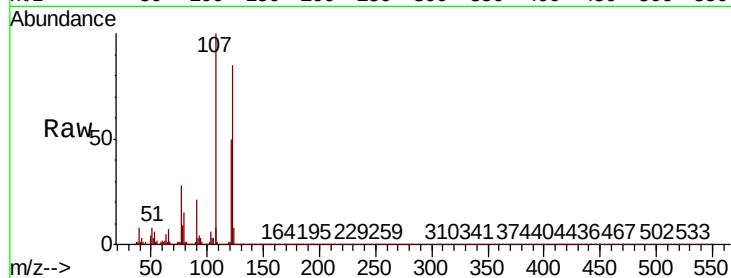
Tot Ion:122 Resp: 482451

Ion Ratio Lower Upper

122 100

107 117.2 91.5 137.3

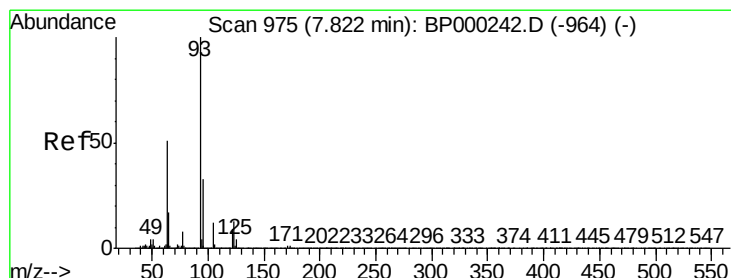
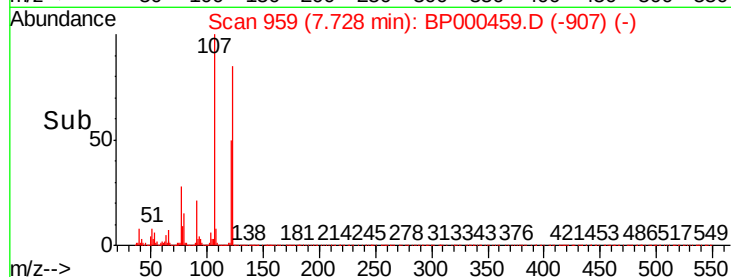
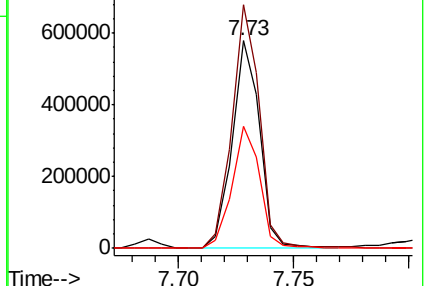
121 58.8 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 46.193 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

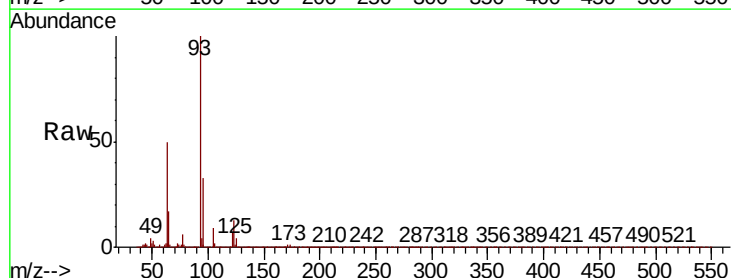
Tgt Ion: 93 Resp: 604790

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

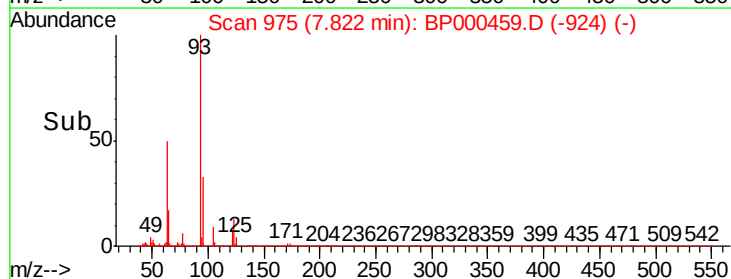
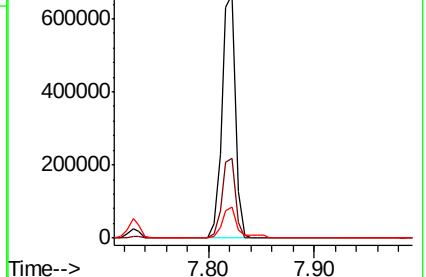
123 12.7 10.2 15.2

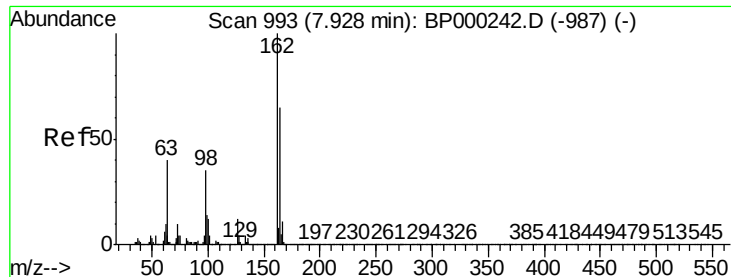


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

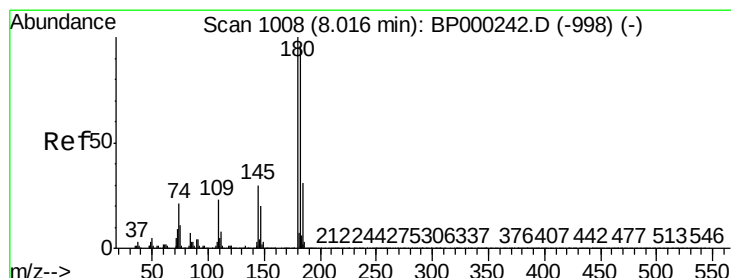
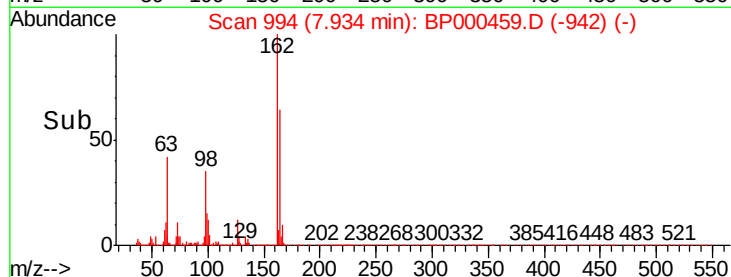
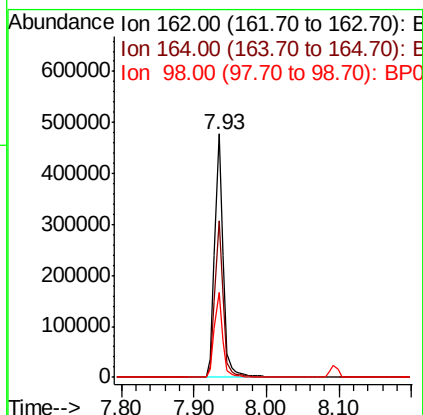
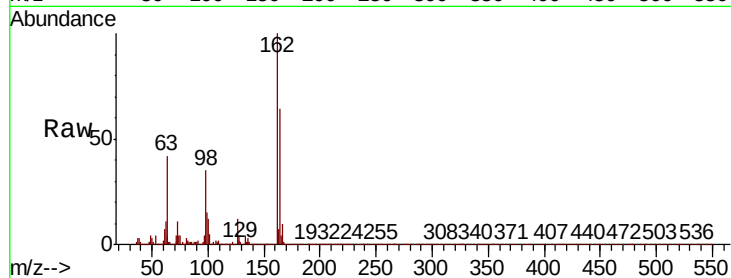




#29
 2,4-Dichlorophenol
 Concen: 41.800 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: BP000459.D
 Acq: 27 Sep 2019 15:55

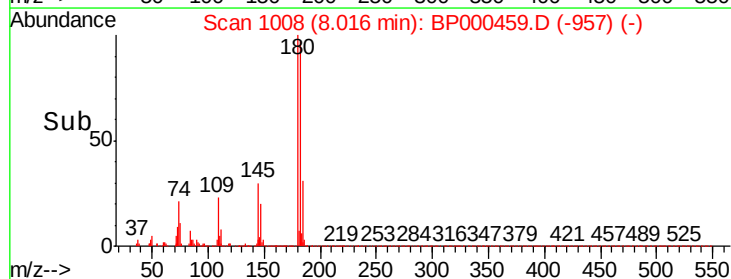
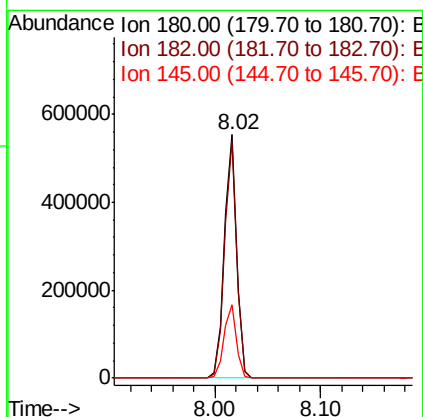
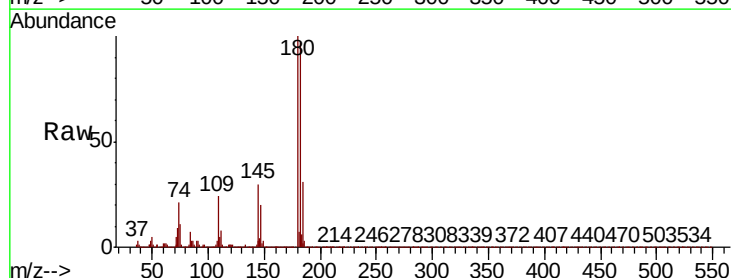
Instrument :
 BNA_P
 ClientSampleId :

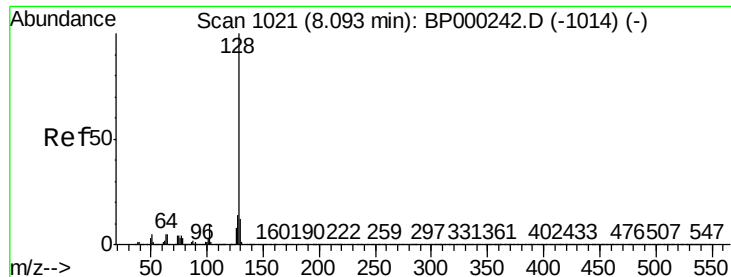
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.5	84.5
98	34.8	15.2	55.2



#30
 1,2,4-Trichlorobenzene
 Concen: 42.163 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BP000459.D
 Acq: 27 Sep 2019 15:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.2	115.8
145	30.3	24.3	36.5

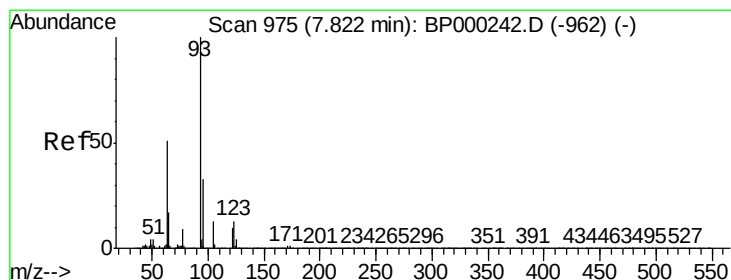
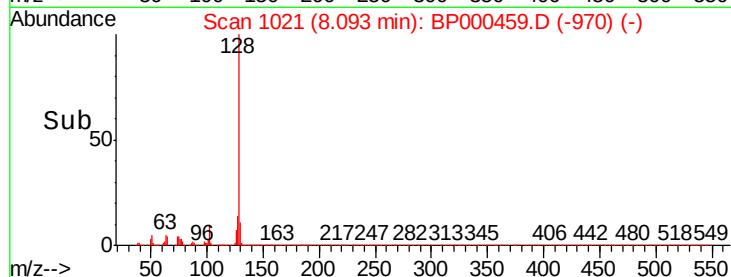
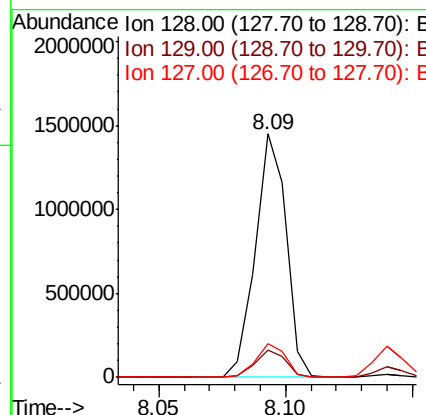
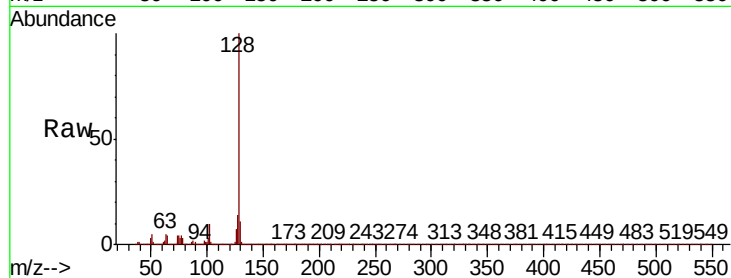




#31
Naphthalene
Concen: 41.456 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

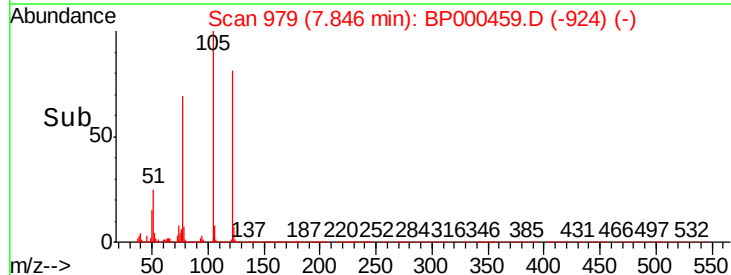
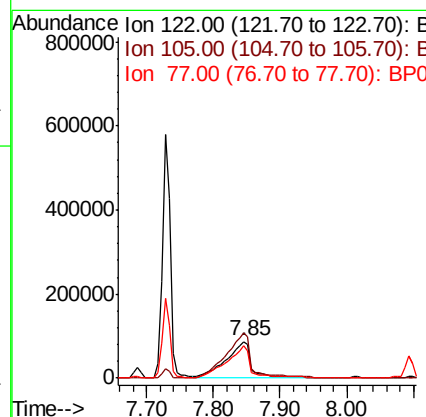
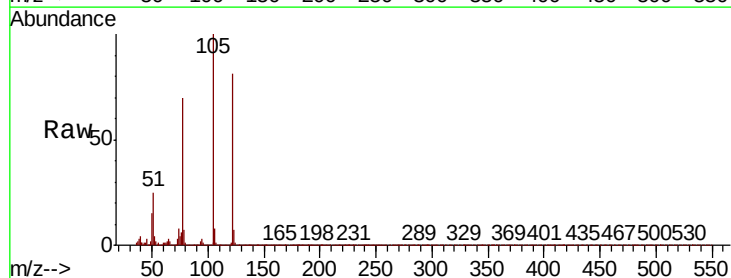
Instrument :
BNA_P
ClientSampleId :

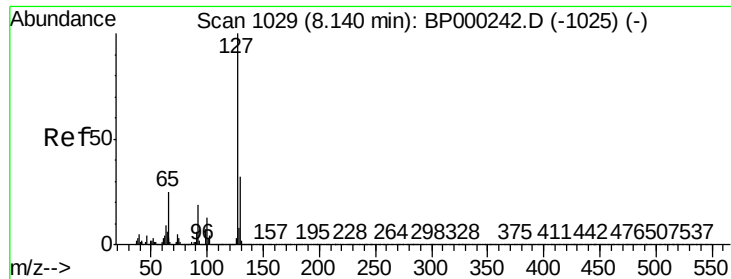
Tot Ion:128 Resp: 1231482
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.6 11.0 16.6



#32
Benzoic acid
Concen: 39.234 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion:122 Resp: 230989
Ion Ratio Lower Upper
122 100
105 123.0 105.4 145.4
77 86.7 65.3 105.3

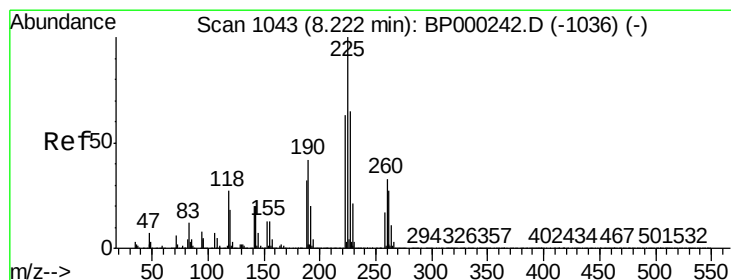
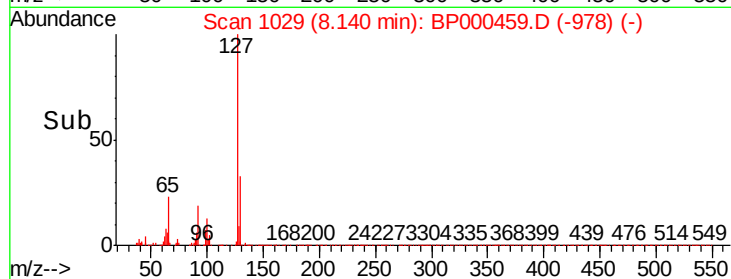
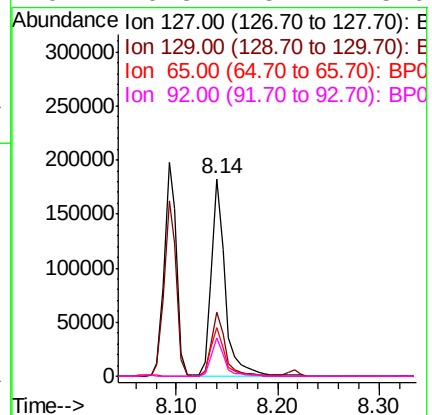
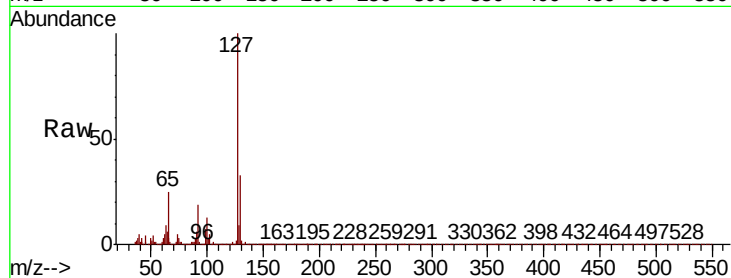




#33
4-Chloroaniline
Concen: 12.759 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

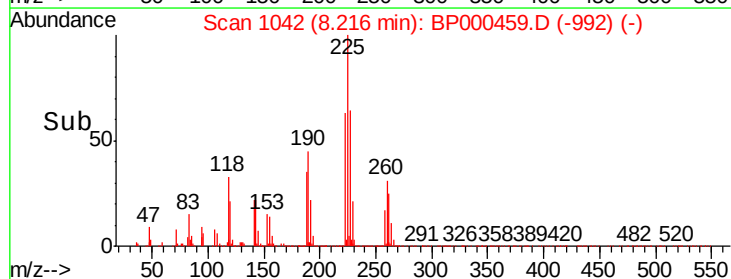
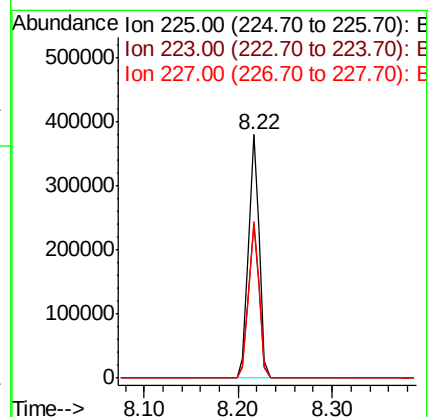
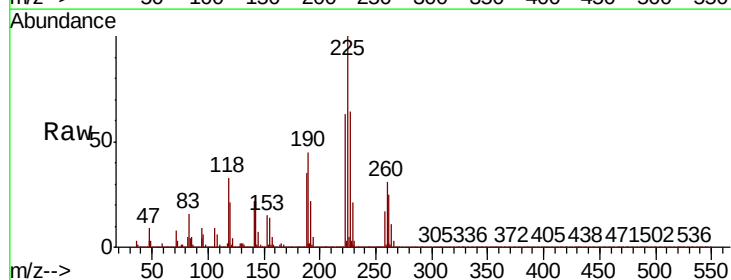
Instrument :
BNA_P
ClientSampleId :

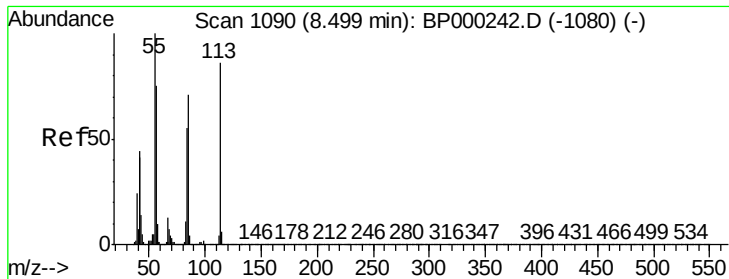
Tot Ion:	127	Resp:	171533
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	24.7	19.9	29.9
92	19.3	15.4	23.0



#34
Hexachlorobutadiene
Concen: 47.179 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion:	225	Resp:	299440
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.2	75.2
227	64.5	51.8	77.6

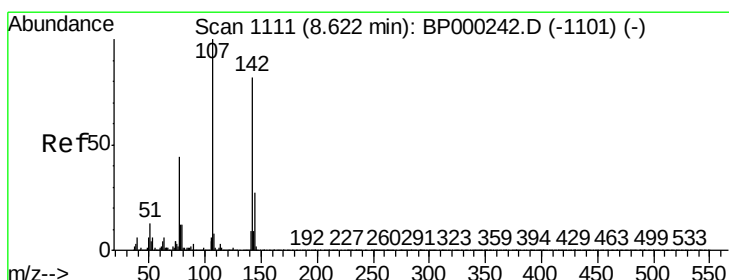
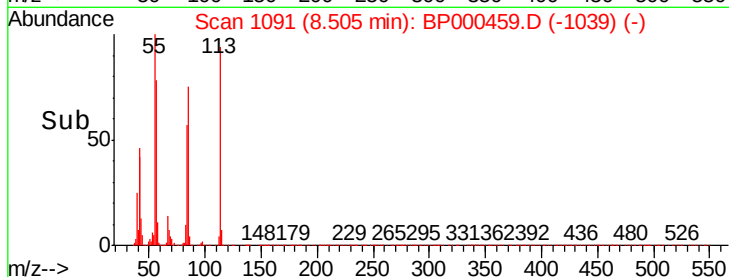
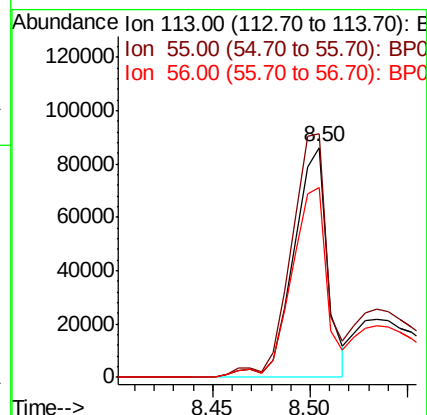
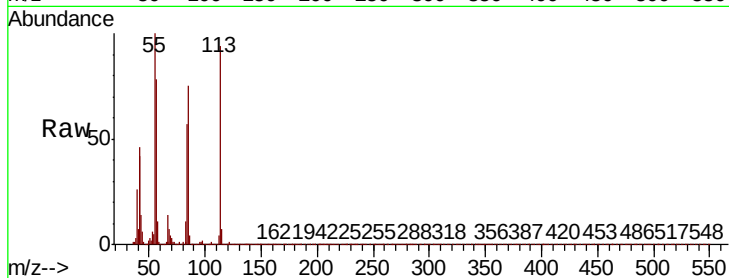




#35
Caprolactam
Concen: 32.631 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

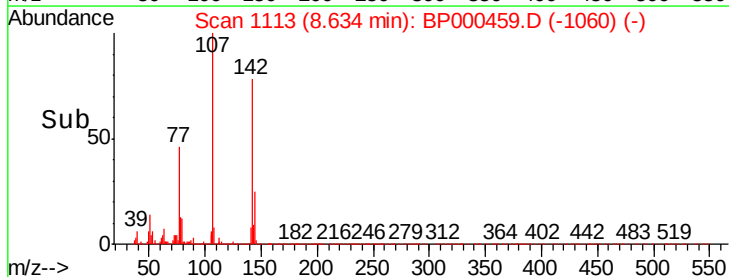
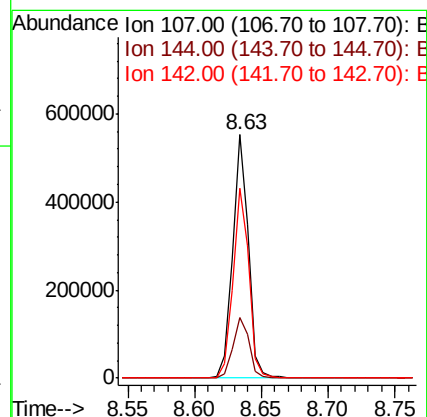
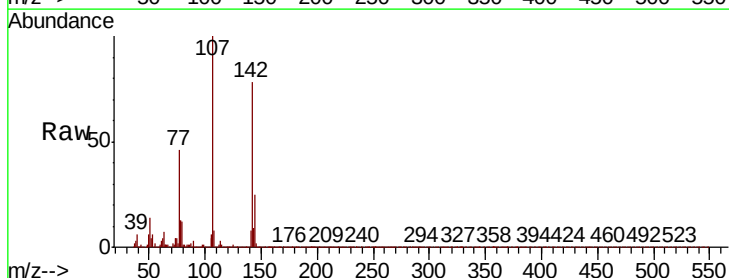
Instrument :
BNA_P
ClientSampleId :

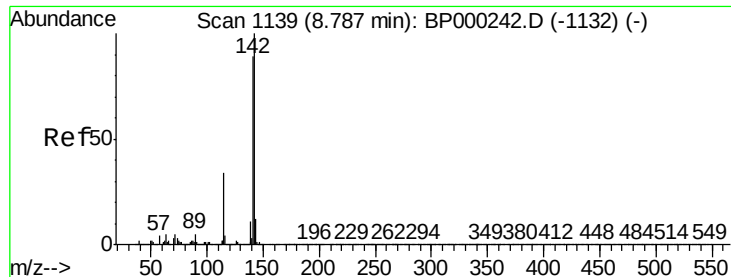
Tot Ion:113 Resp: 103738
Ion Ratio Lower Upper
113 100
55 106.1 96.8 136.8
56 82.8 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 48.502 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion:107 Resp: 460139
Ion Ratio Lower Upper
107 100
144 25.0 21.5 32.3
142 77.8 65.7 98.5





#37

2-Methylnaphthalene

Concen: 43.506 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

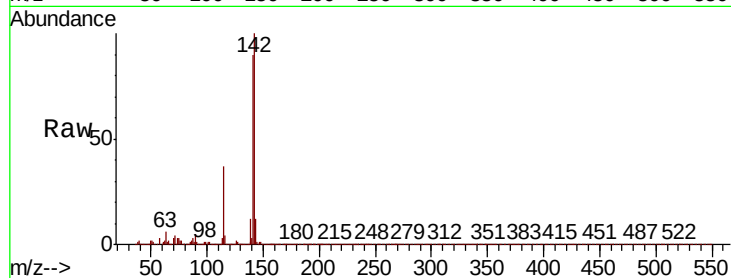
Tot Ion:142 Resp: 883472

Ion Ratio Lower Upper

142 100

141 89.8 71.3 106.9

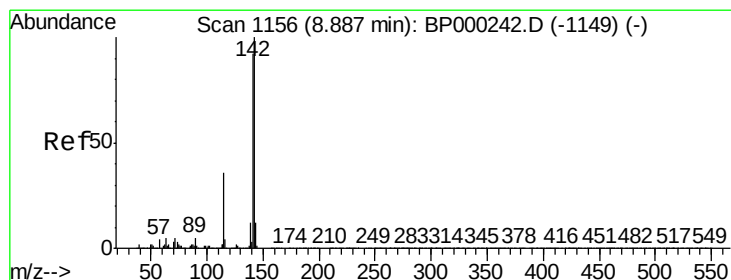
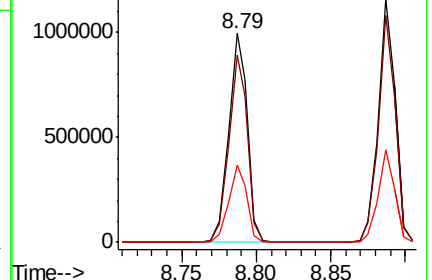
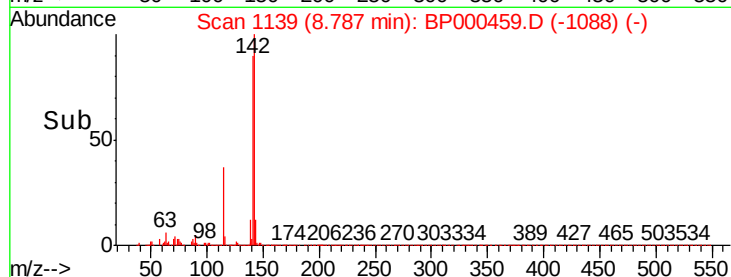
115 37.2 27.2 40.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.468 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

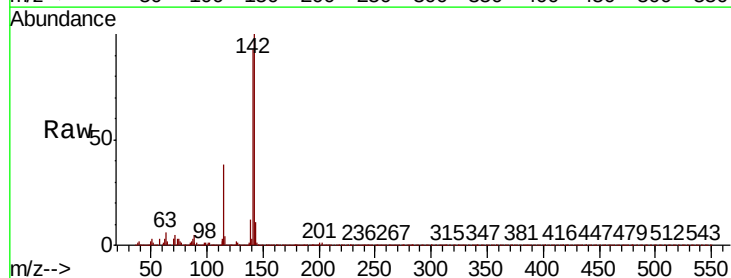
Tgt Ion:142 Resp: 902957

Ion Ratio Lower Upper

142 100

141 93.0 73.9 110.9

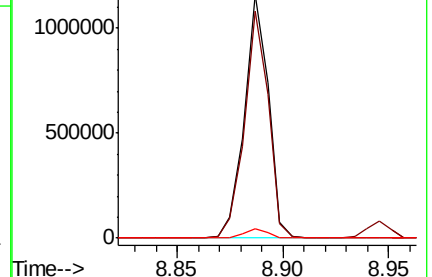
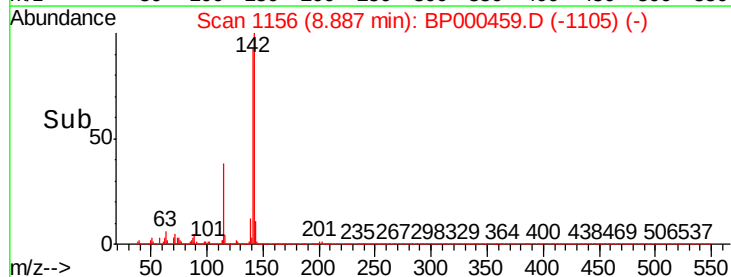
116 4.0 3.0 4.6

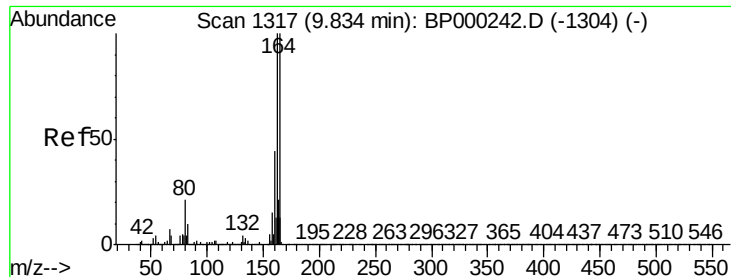


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

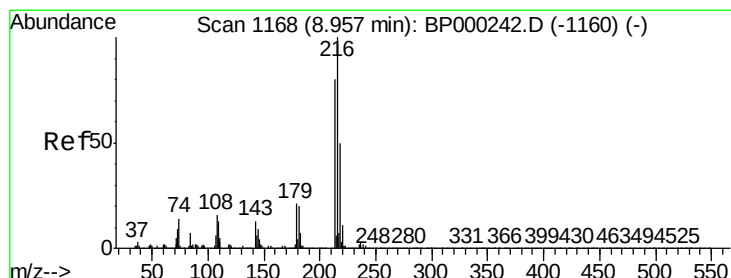
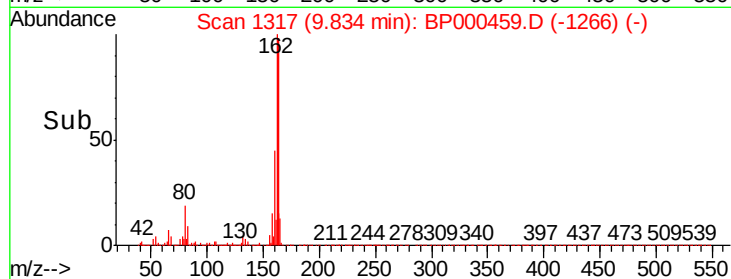
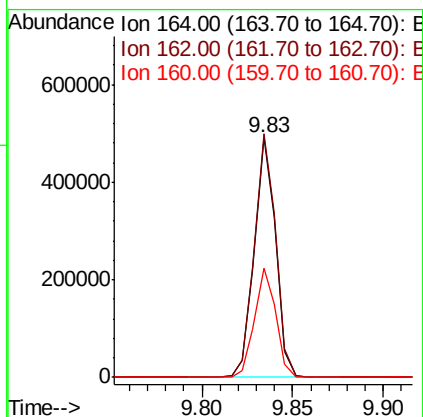
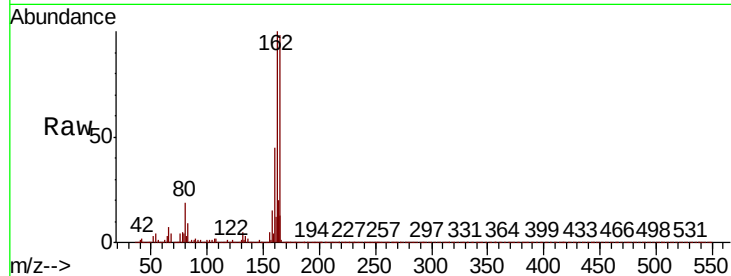




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

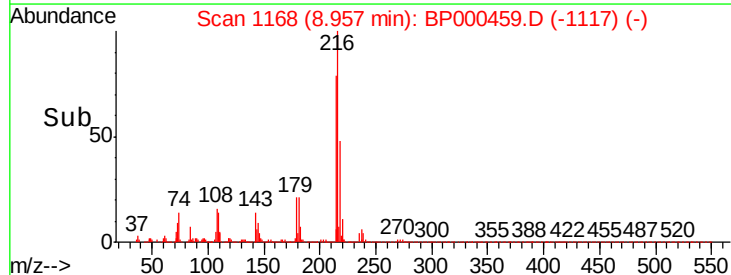
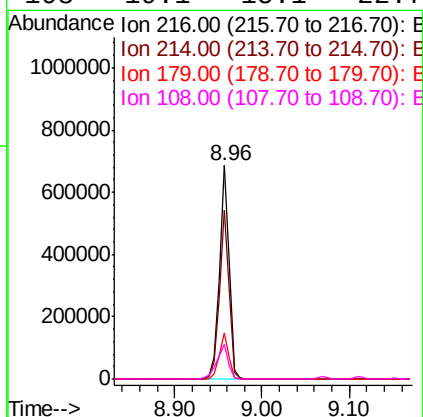
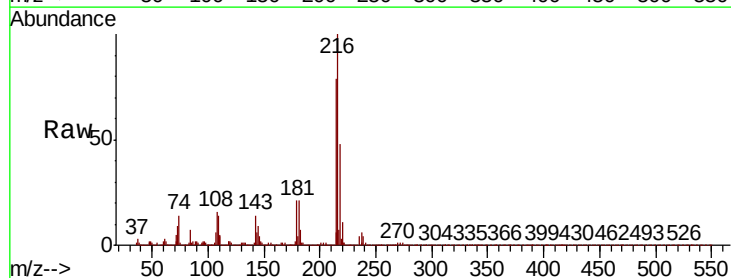
Instrument :
BNA_P
ClientSampleId :

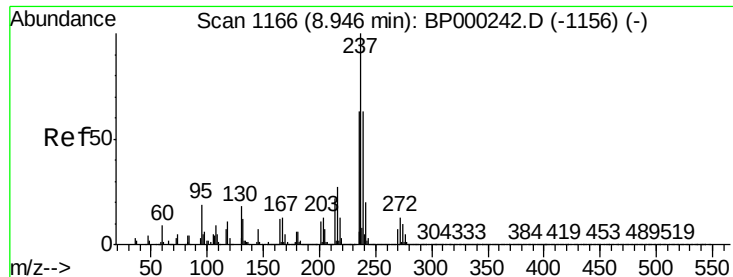
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.9	119.9
160	45.7	35.6	53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.664 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.6	95.4
179	21.1	17.0	25.4
108	19.1	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 75.420 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

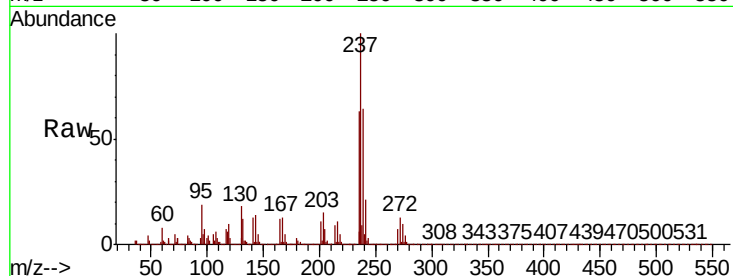
Tot Ion:237 Resp: 494727

Ion Ratio Lower Upper

237 100

235 62.6 43.5 83.5

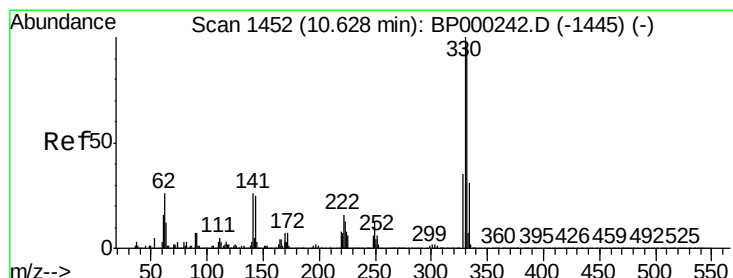
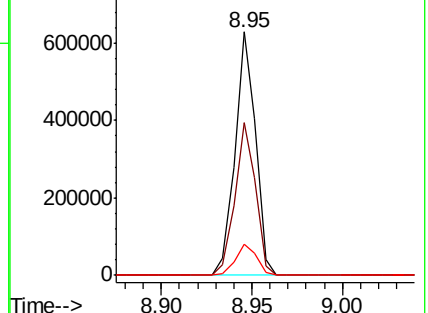
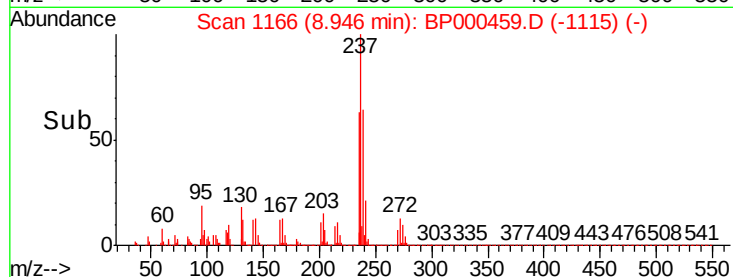
272 12.7 0.0 33.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 96.112 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

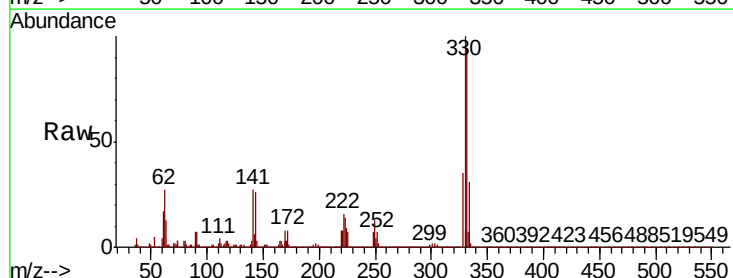
Tgt Ion:330 Resp: 380872

Ion Ratio Lower Upper

330 100

332 95.9 76.6 115.0

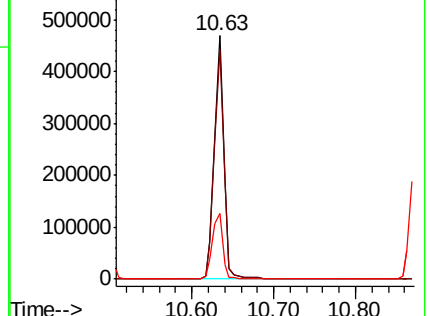
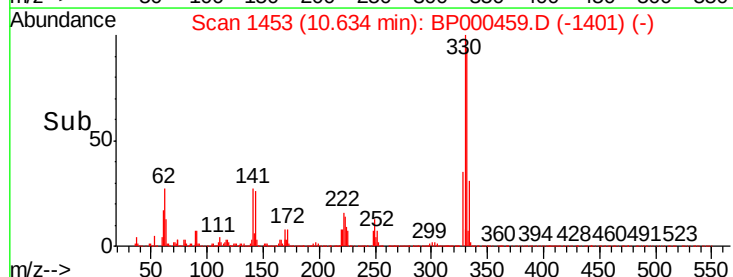
141 29.5 26.5 39.7

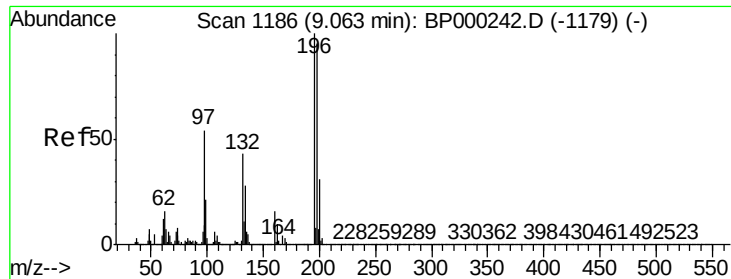


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

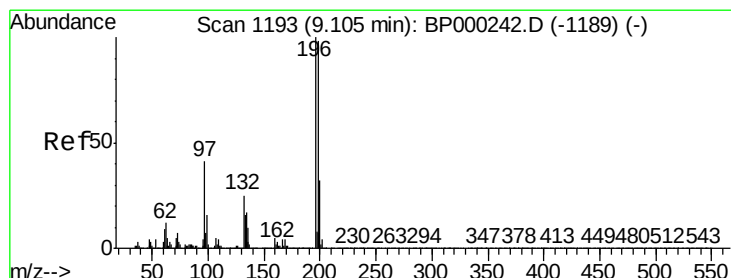
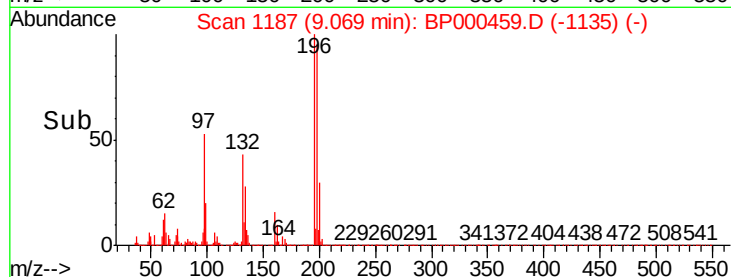
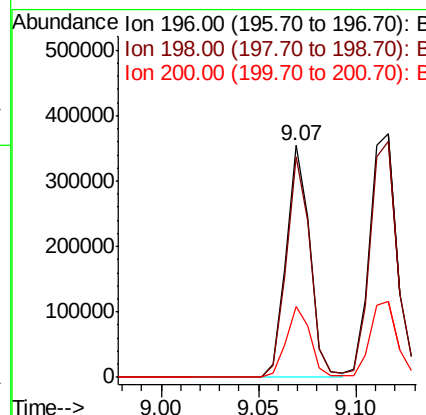
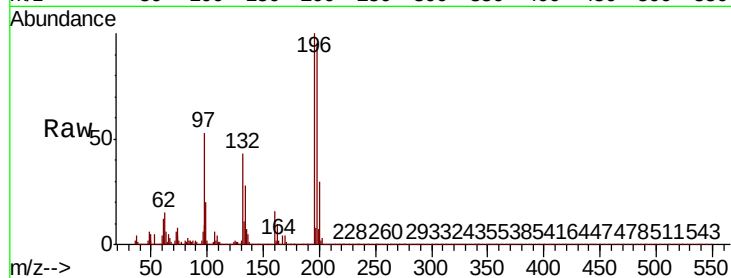




#43
 2,4,6-Trichlorophenol
 Concen: 37.678 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BP000459.D
 Acq: 27 Sep 2019 15:55

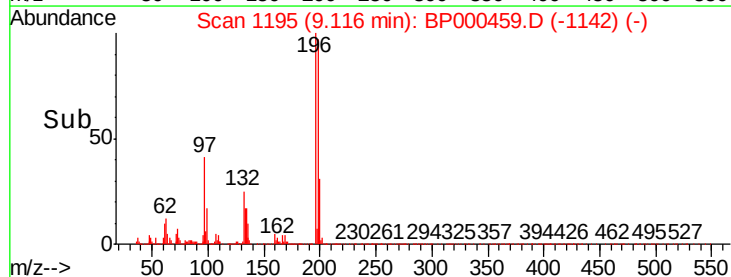
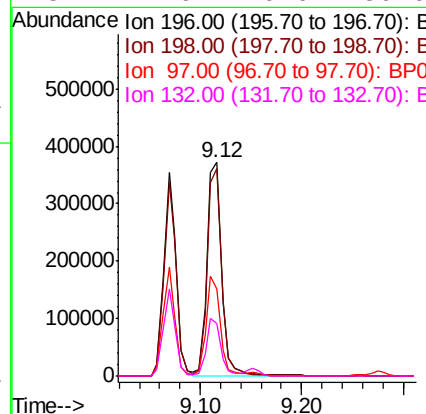
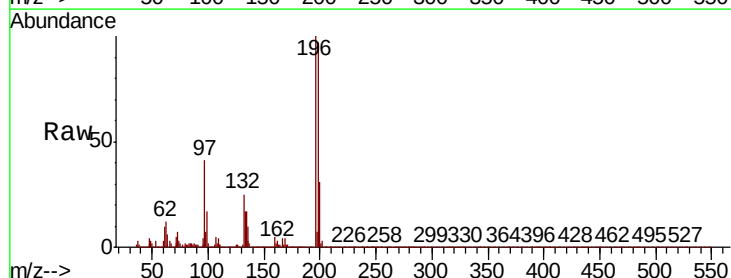
Instrument :
 BNA_P
 ClientSampled :

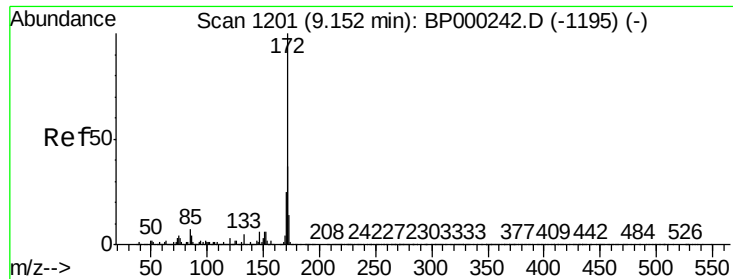
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.0	114.0
200	30.5	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 46.184 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BP000459.D
 Acq: 27 Sep 2019 15:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.9	78.1	117.1
97	41.0	33.3	49.9
132	24.9	20.0	30.0

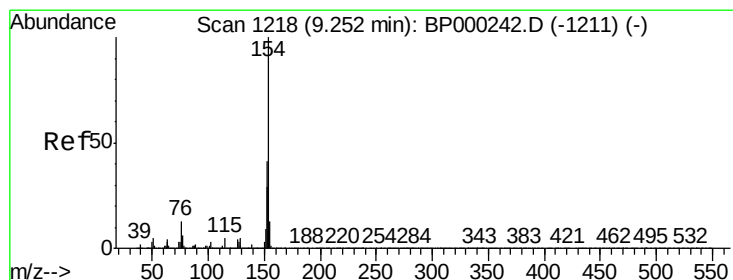
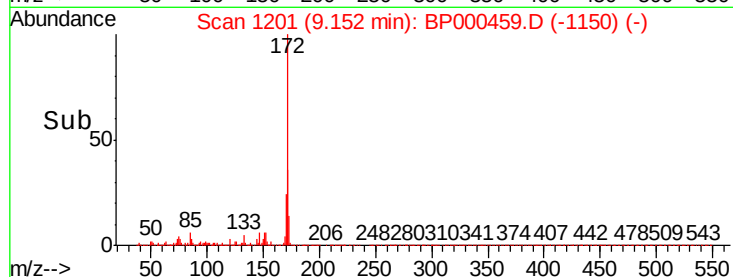
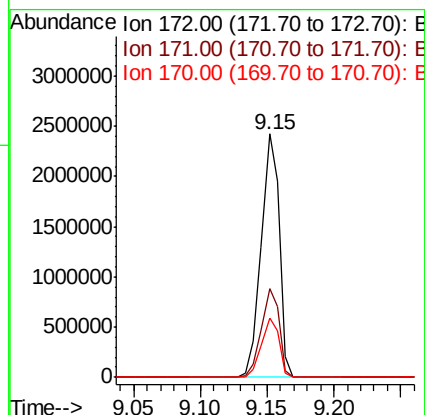
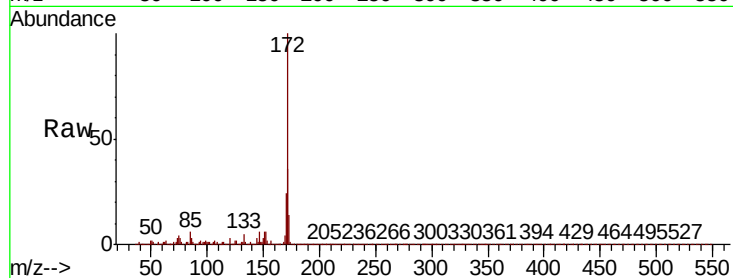




#45
2-Fluorobiphenyl
Concen: 100.187 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

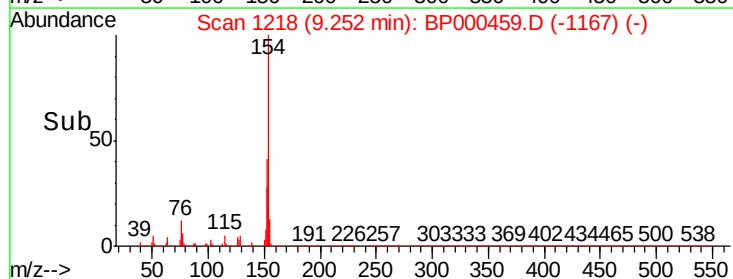
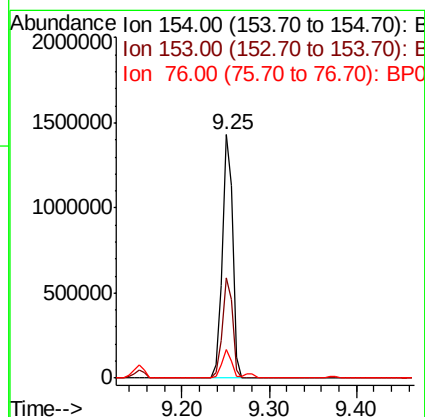
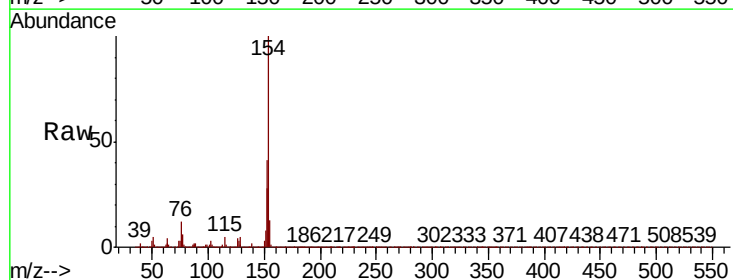
Instrument :
BNA_P
ClientSampleId :

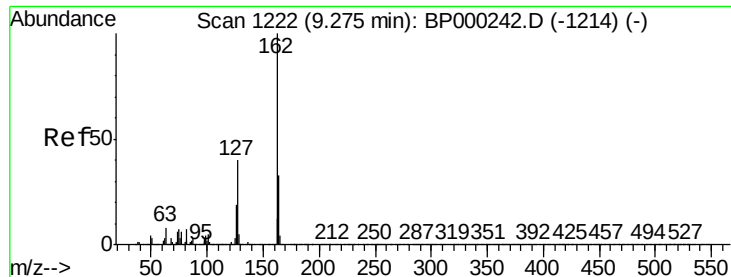
Tot Ion:172 Resp: 2224001
Ion Ratio Lower Upper
172 100
171 36.4 29.8 44.6
170 24.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 42.499 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion:154 Resp: 1174625
Ion Ratio Lower Upper
154 100
153 41.1 21.4 61.4
76 11.9 0.0 33.4





#47

2-Chloronaphthalene

Concen: 35.921 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

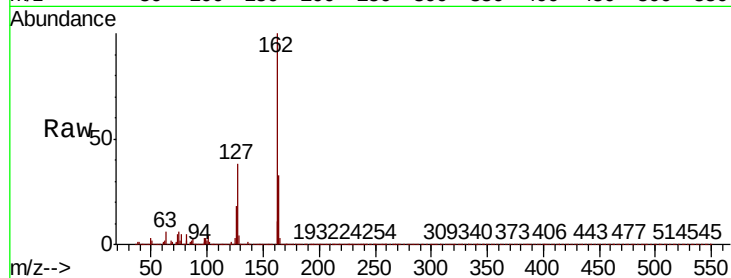
Tot Ion: 162 Resp: 832815

Ion Ratio Lower Upper

162 100

127 38.2 32.4 48.6

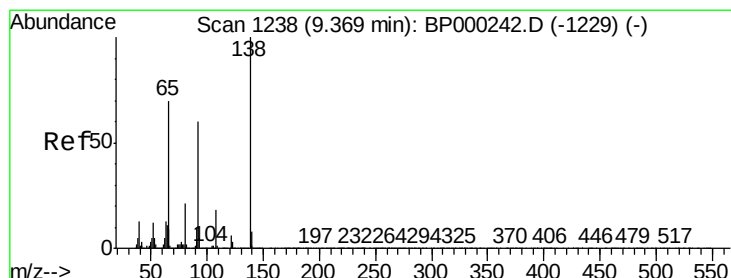
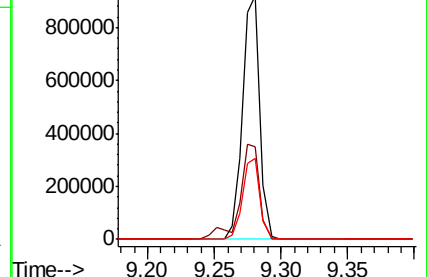
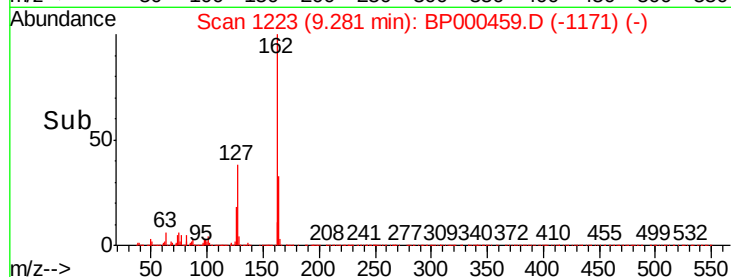
164 33.3 26.3 39.5



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: 40.563 ng

RT: 9.38 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

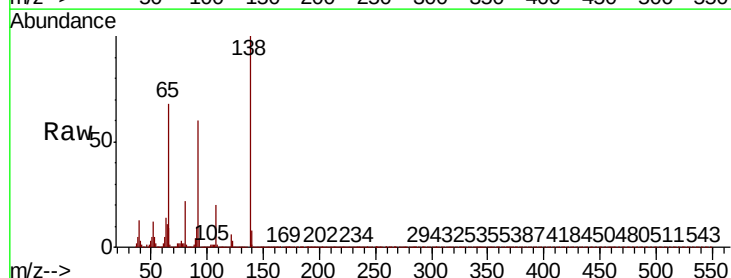
Tgt Ion: 65 Resp: 238824

Ion Ratio Lower Upper

65 100

92 87.1 68.7 103.1

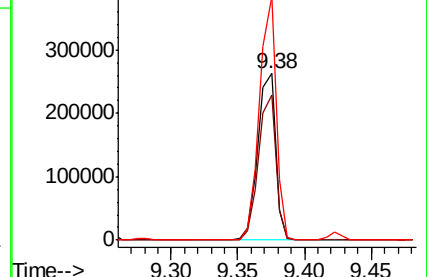
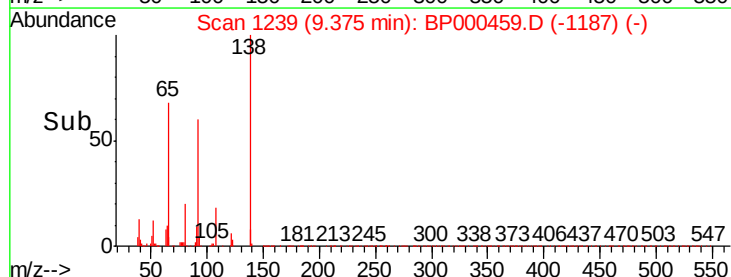
138 146.2 114.4 171.6

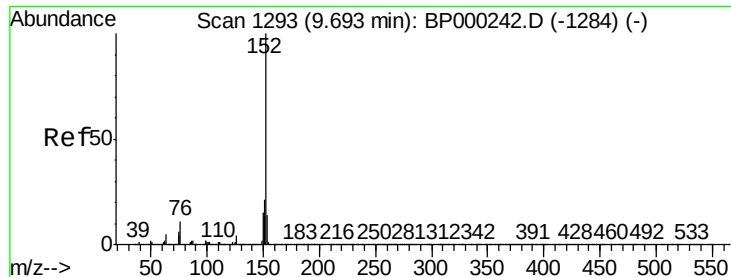


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.204 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

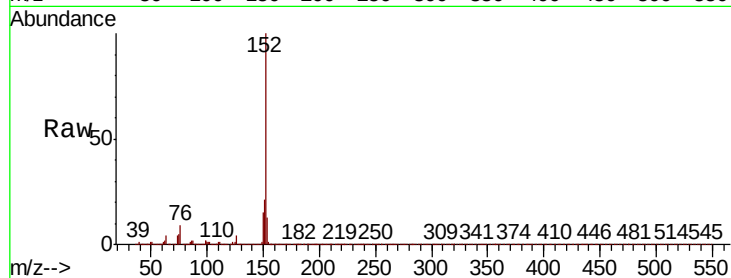
Tot Ion:152 Resp: 1575402

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	12.9	11.0	16.4

152 100

151 20.5 16.4 24.6

153 12.9 11.0 16.4

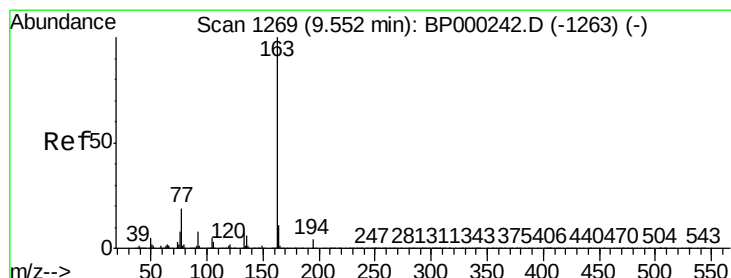
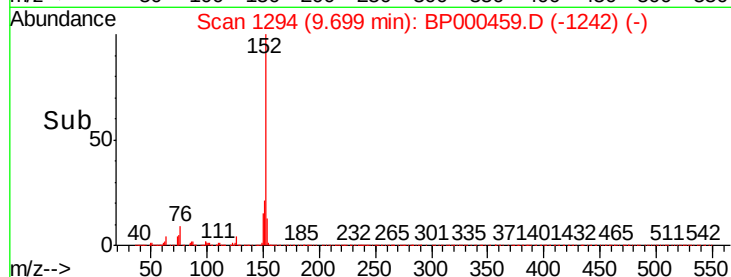
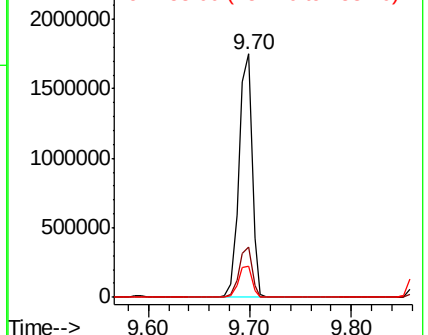


Abundance

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: 49.015 ng

RT: 9.56 min Scan# 1270

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

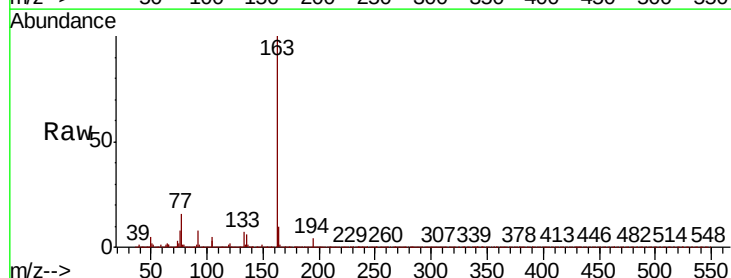
Tgt Ion:163 Resp: 1334217

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.2	8.5	12.7

163 100

194 4.4 3.4 5.0

164 10.2 8.5 12.7

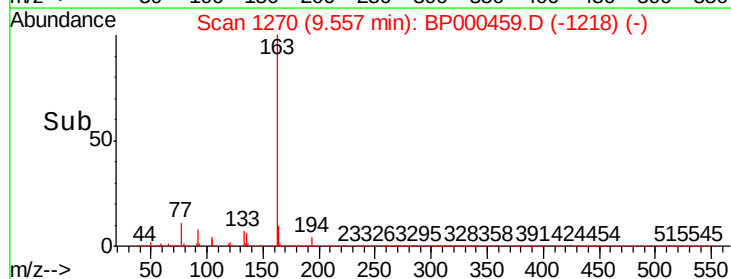
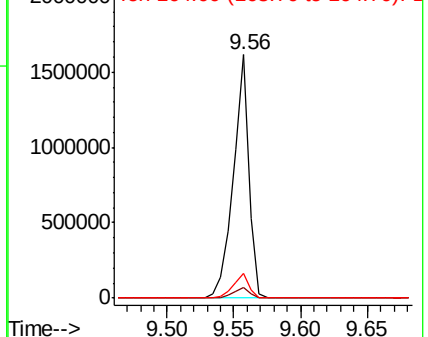


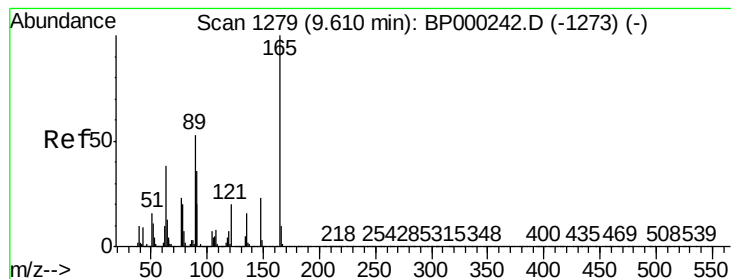
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.699 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

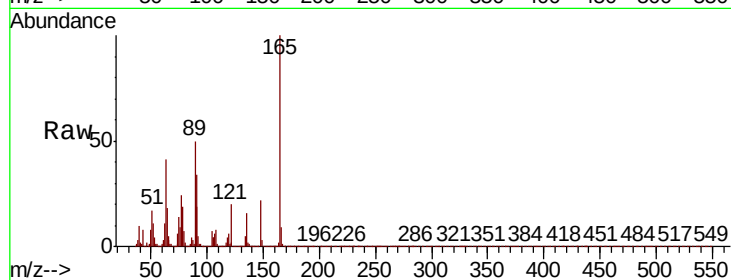
Tot Ion:165 Resp: 249575

Ion Ratio Lower Upper

165 100

63 41.0 35.8 53.8

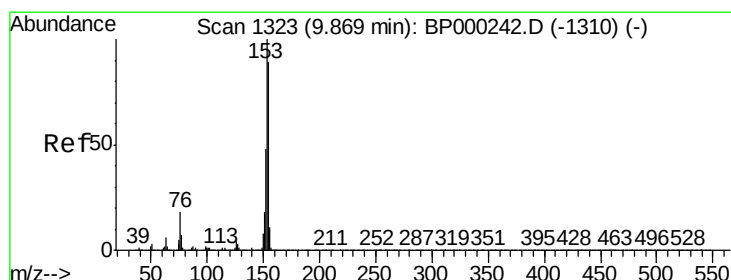
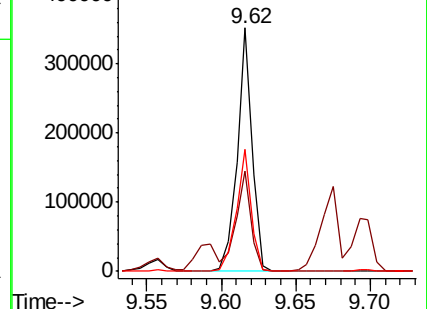
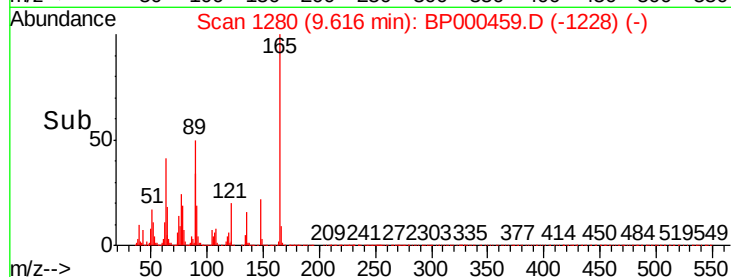
89 50.1 42.6 63.8



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: 34.686 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

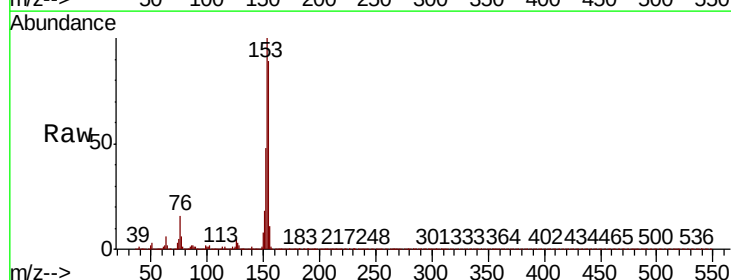
Tgt Ion:154 Resp: 762859

Ion Ratio Lower Upper

154 100

153 112.7 89.8 134.6

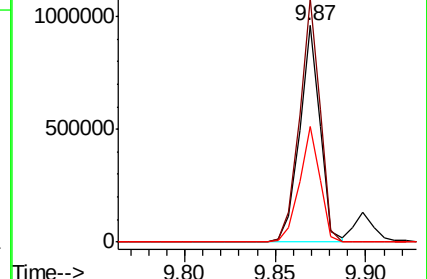
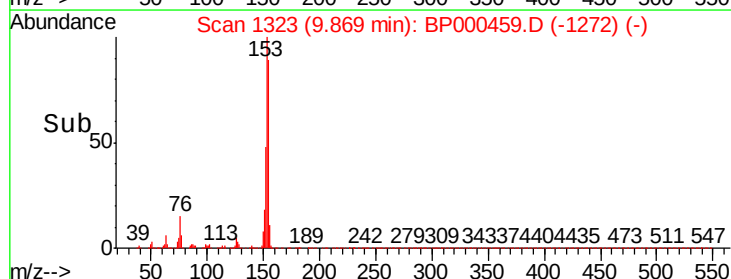
152 53.7 43.4 65.0

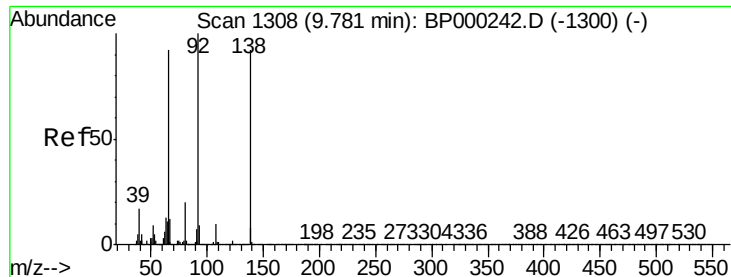


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

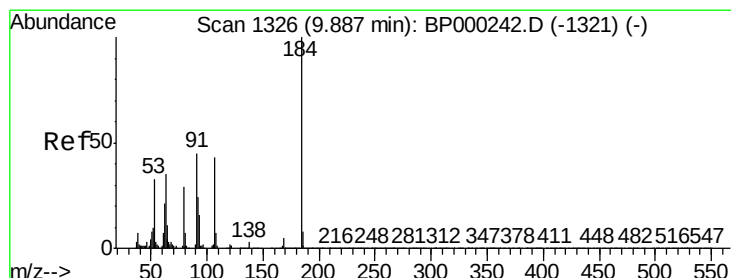
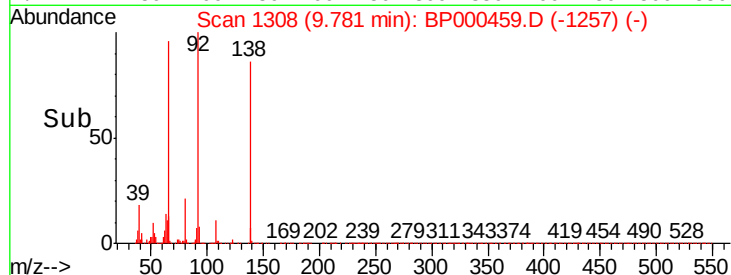
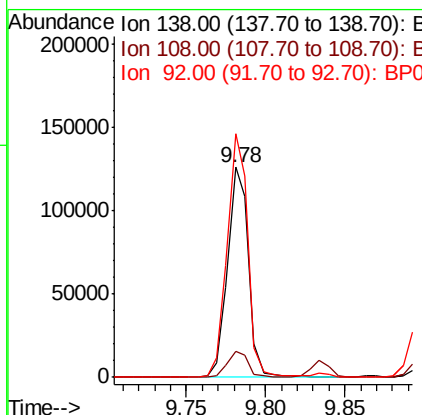
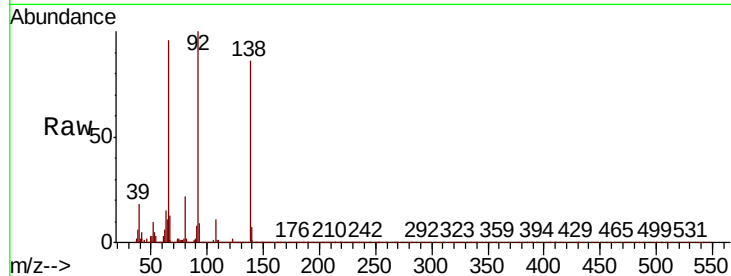




#53
 3-Nitroaniline
 Concen: 16.556 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BP000459.D
 Acq: 27 Sep 2019 15:55

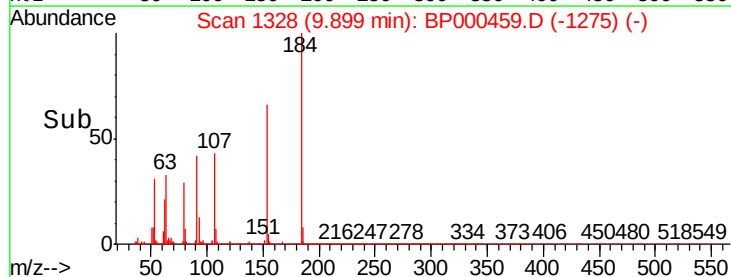
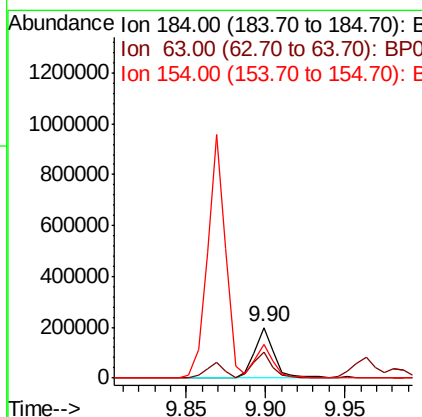
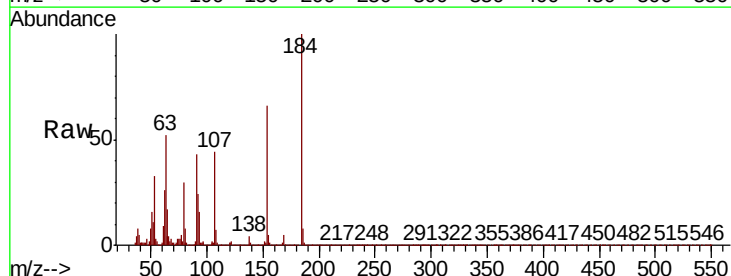
Instrument :
 BNA_P
 ClientSampleId :

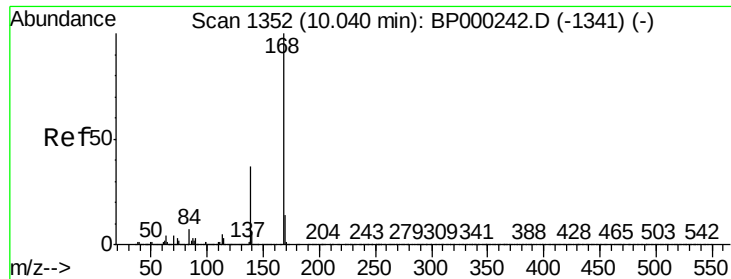
Tot Ion:138 Resp: 115018
 Ion Ratio Lower Upper
 138 100
 108 12.6 9.1 13.7
 92 115.8 86.7 130.1



#54
 2,4-Dinitrophenol
 Concen: 64.512 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: BP000459.D
 Acq: 27 Sep 2019 15:55

Tgt Ion:184 Resp: 170586
 Ion Ratio Lower Upper
 184 100
 63 51.9 39.5 59.3
 154 66.2 48.8 73.2

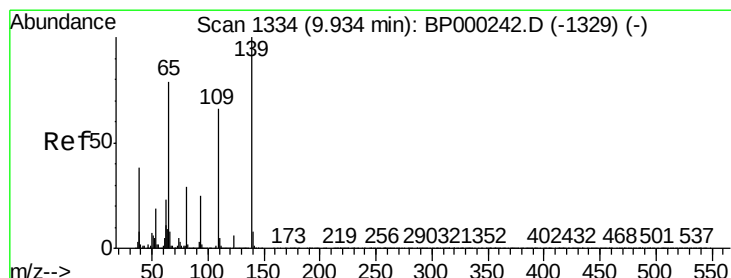
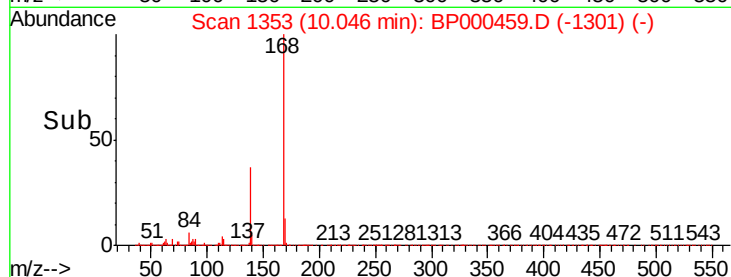
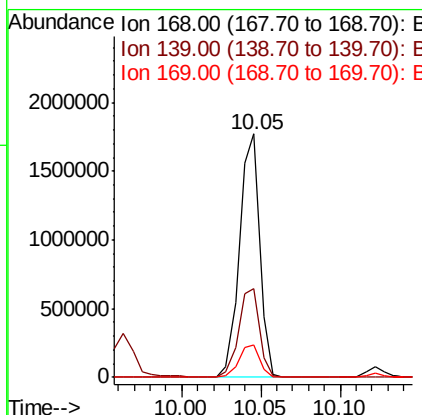
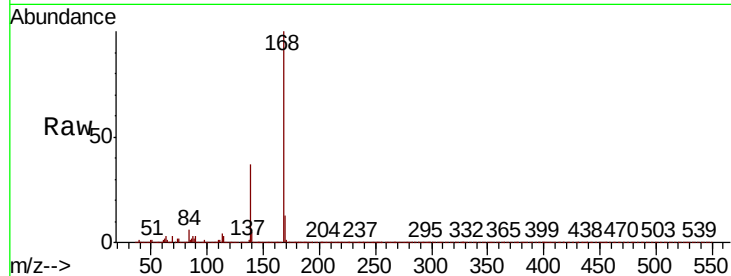




#55
Dibenzofuran
Concen: 50.297 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

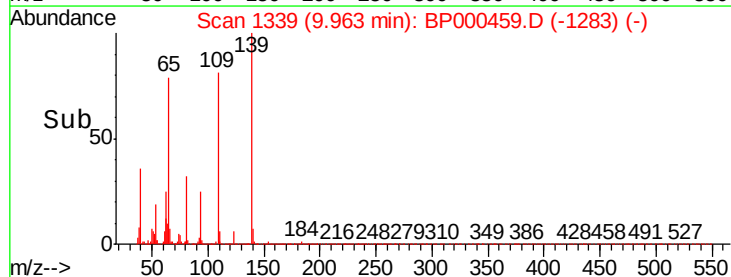
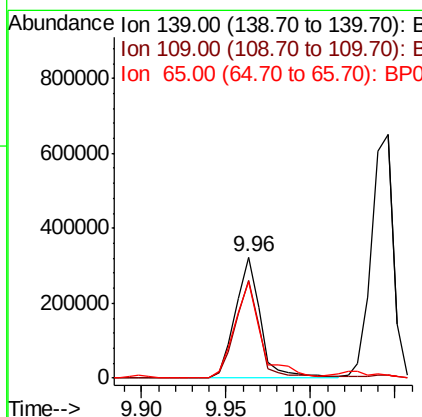
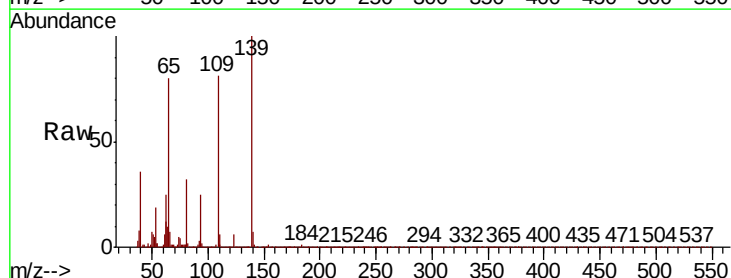
Instrument :
BNA_P
ClientSampleId :

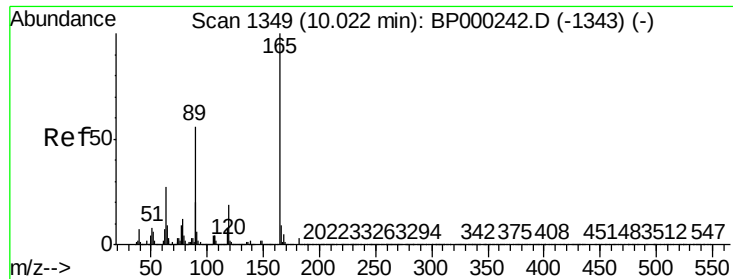
Tot Ion:168 Resp: 1563743
Ion Ratio Lower Upper
168 100
139 36.7 30.0 45.0
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 64.124 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.03 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion:139 Resp: 331338
Ion Ratio Lower Upper
139 100
109 80.5 46.2 86.2
65 79.5 59.4 99.4





#57

2,4-Dinitrotoluene

Concen: 51.183 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165 Resp: 400476

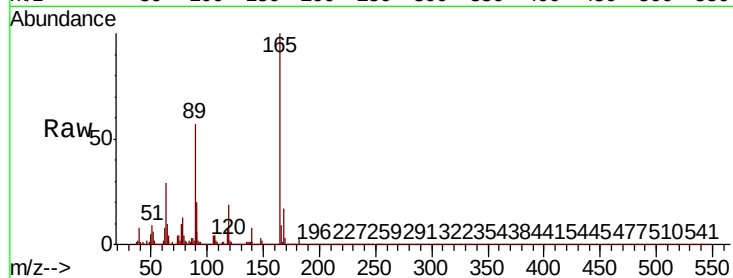
Ion Ratio Lower Upper

165 100

63 28.6 21.7 32.5

89 57.0 45.0 67.6

182 3.0 2.4 3.6

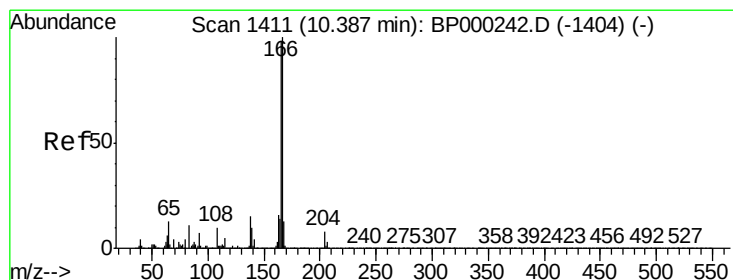
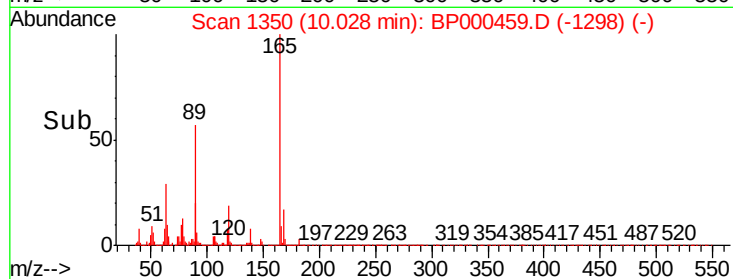
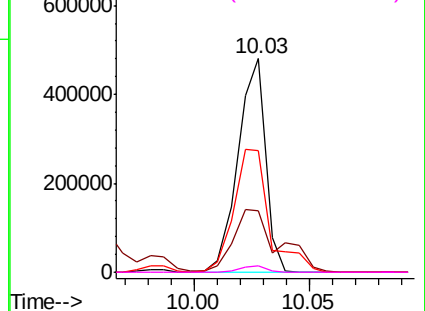


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.610 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

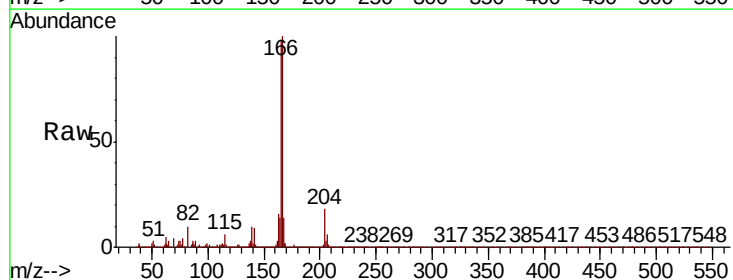
Tgt Ion:166 Resp: 999214

Ion Ratio Lower Upper

166 100

165 98.2 78.2 117.2

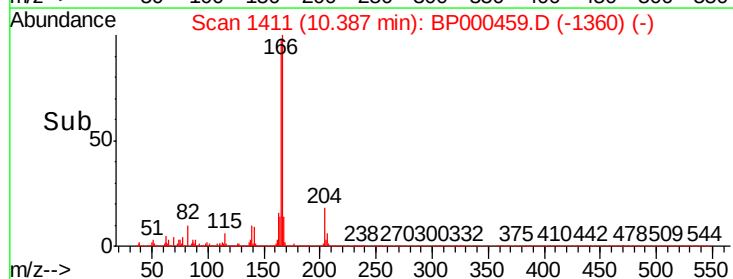
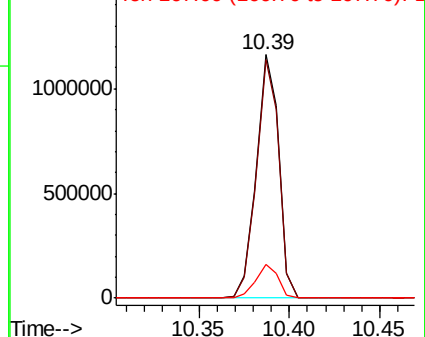
167 13.6 10.7 16.1

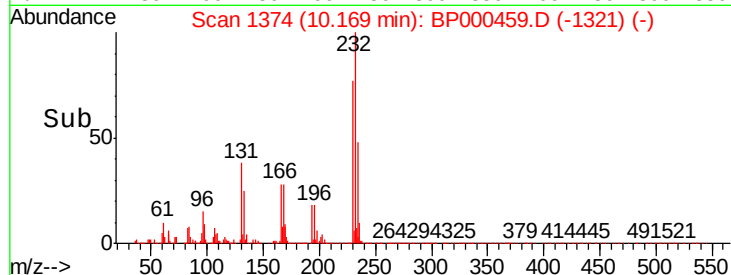
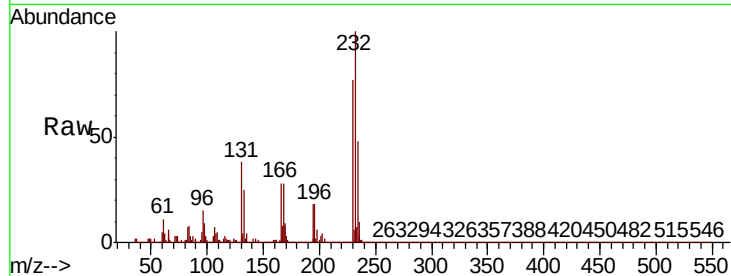
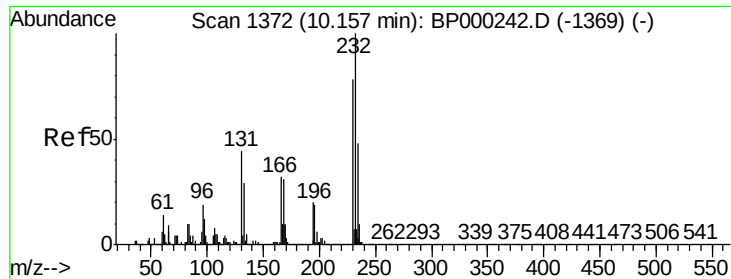


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

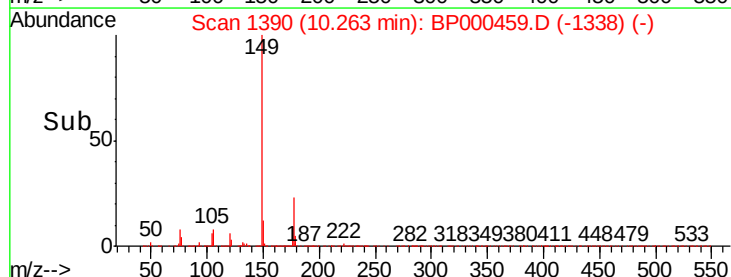
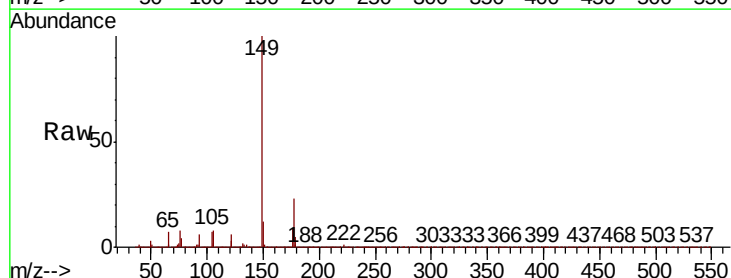
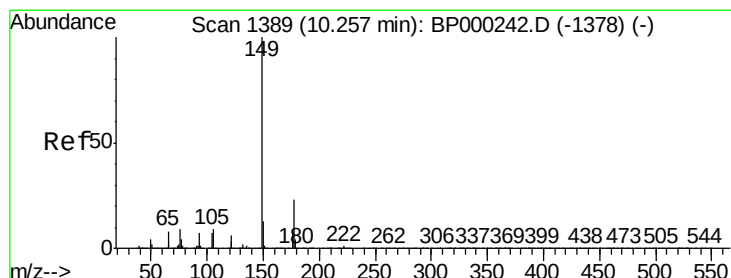
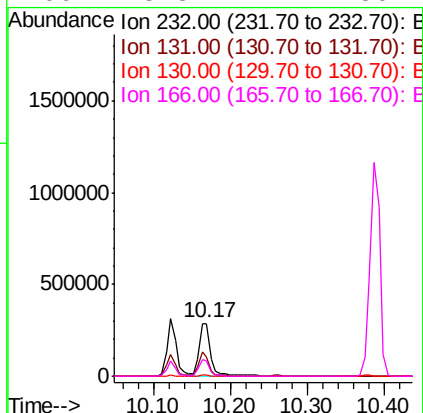




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.155 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

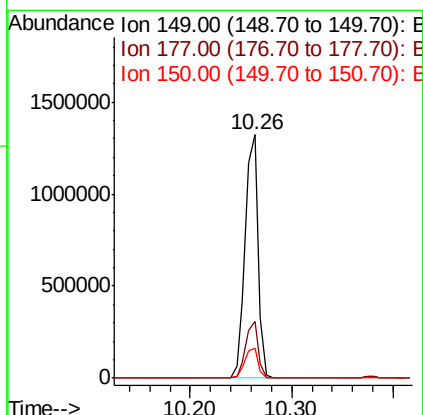
Instrument :
BNA_P
ClientSampleId :

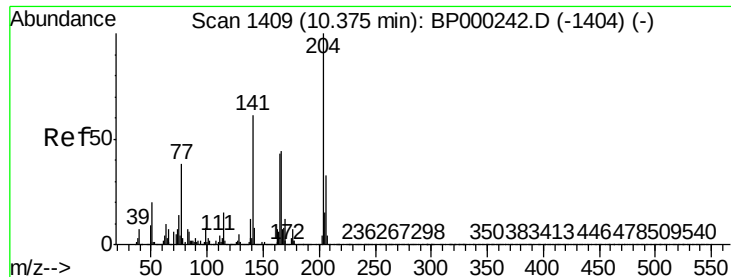
Tot Ion:232	Resp:	307396
Ion Ratio	Lower	Upper
232	100	
131	40.4	33.6 50.4
130	2.1	1.8 2.6
166	28.3	24.2 36.2



#60
Diethylphthalate
Concen: 45.029 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion:149	Resp:	1179090
Ion Ratio	Lower	Upper
149	100	
177	23.1	18.1 27.1
150	12.5	10.3 15.5

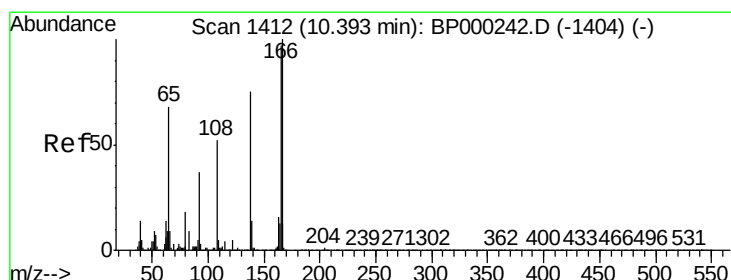
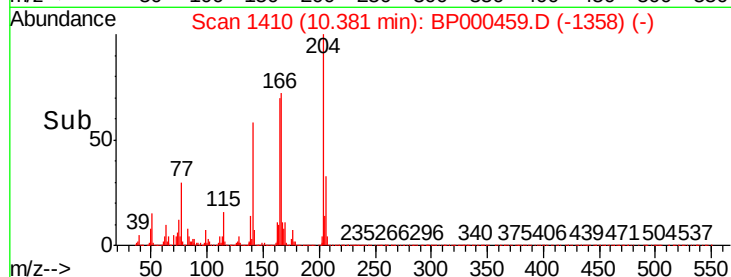
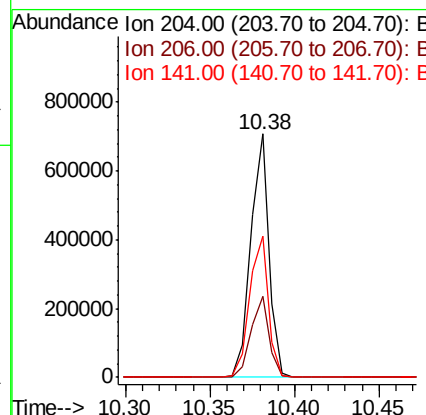
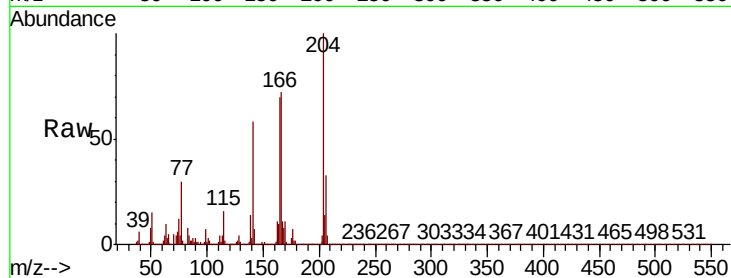




#61
4-Chlorophenyl-phenylether
Concen: 43.270 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

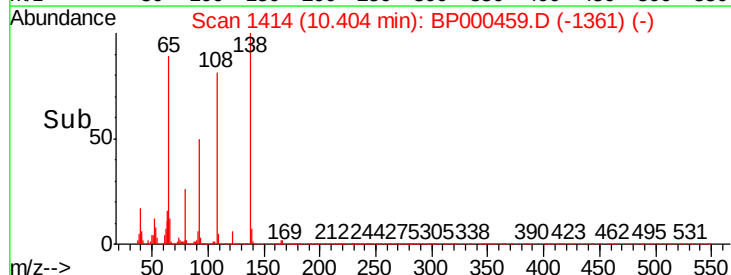
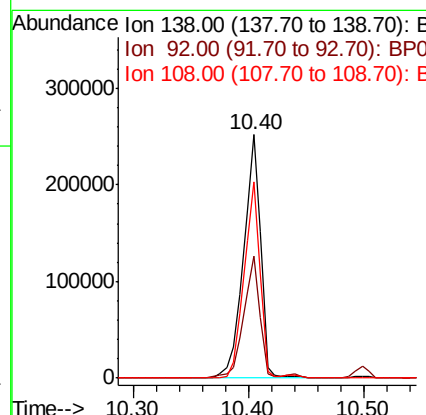
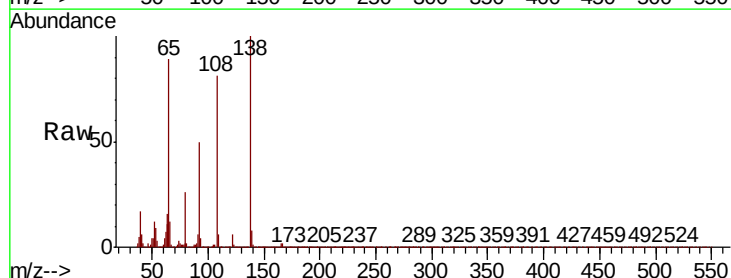
Instrument :
BNA_P
ClientSampled :

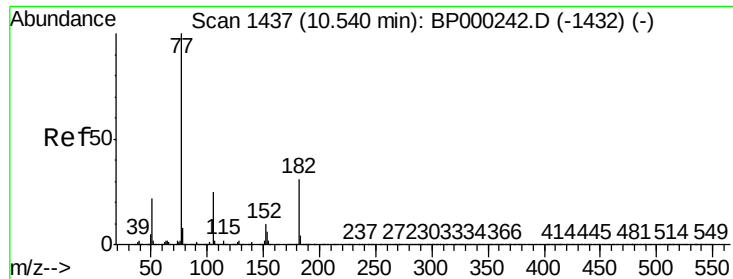
Tot Ion:204 Resp: 533372
Ion Ratio Lower Upper
204 100
206 33.3 26.3 39.5
141 58.0 48.6 72.8



#62
4-Nitroaniline
Concen: 37.867 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion:138 Resp: 258751
Ion Ratio Lower Upper
138 100
92 50.1 30.1 70.1
108 80.8 49.5 89.5

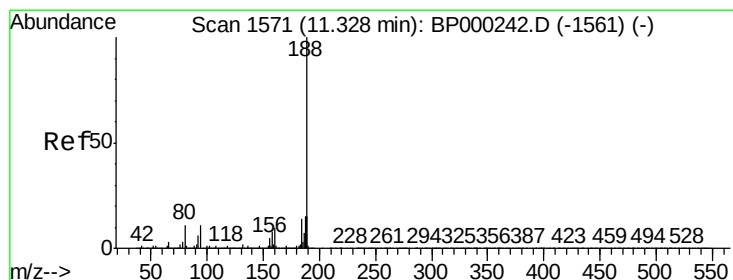
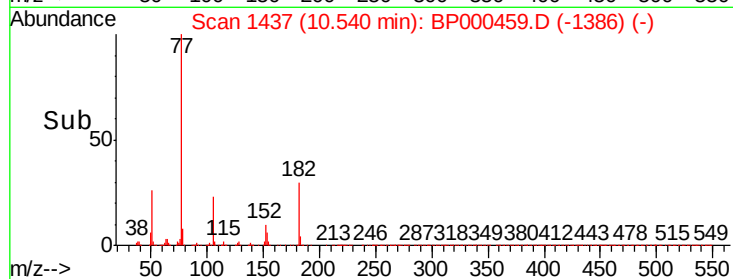
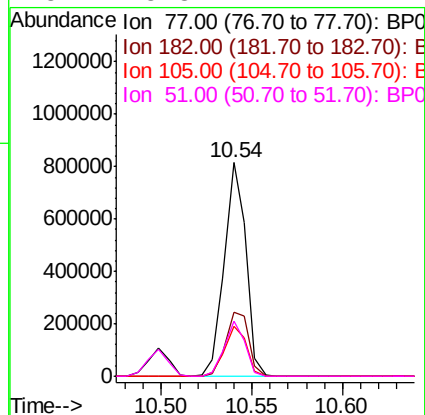
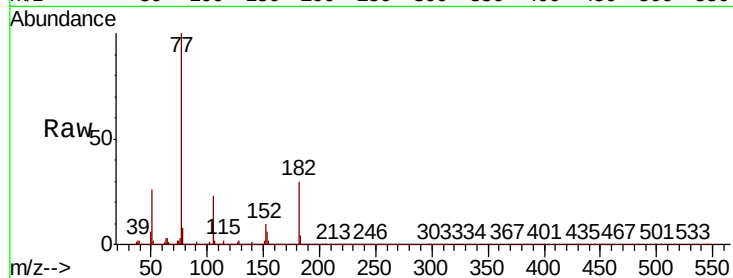




#63
Azobenzene
Concen: 30.498 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

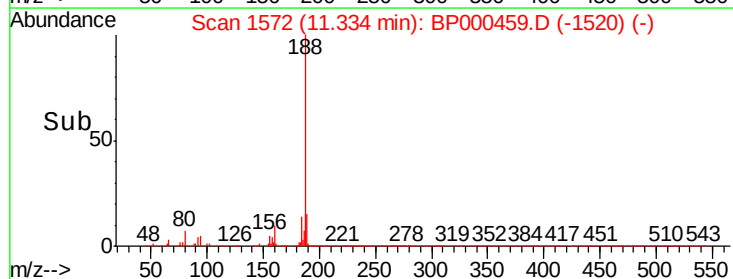
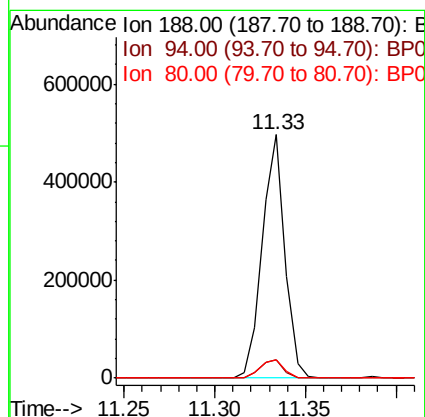
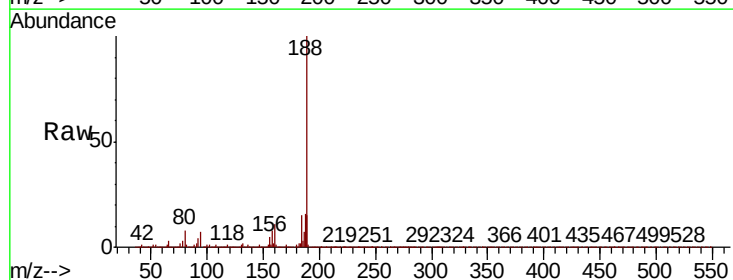
Instrument :
BNA_P
ClientSampleId :

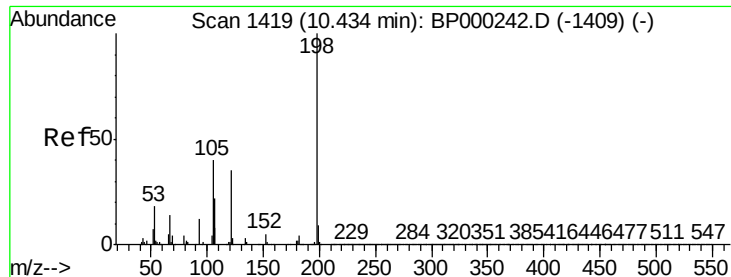
Tot Ion	Ratio	Lower	Upper
77	100		
182	29.7	11.1	51.1
105	23.1	4.7	44.7
51	25.8	2.2	42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	8.5	12.7#
80	7.6	8.6	13.0#





#65

4,6-Dinitro-2-methylphenol

Concen: 70.170 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

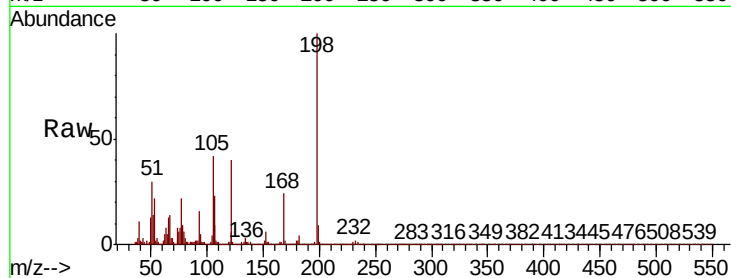
Tot Ion:198 Resp: 141841

Ion Ratio Lower Upper

198 100

51 30.1 7.4 47.4

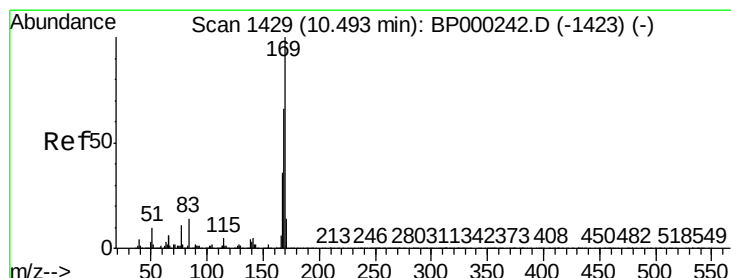
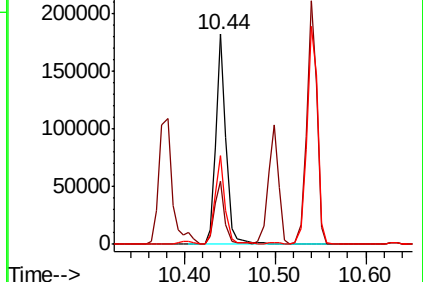
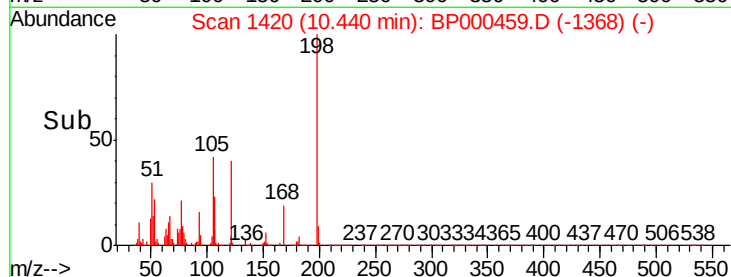
105 42.2 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 67.112 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

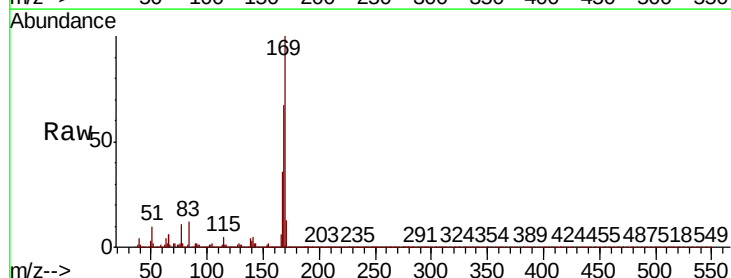
Tgt Ion:169 Resp: 868527

Ion Ratio Lower Upper

169 100

168 66.6 52.9 79.3

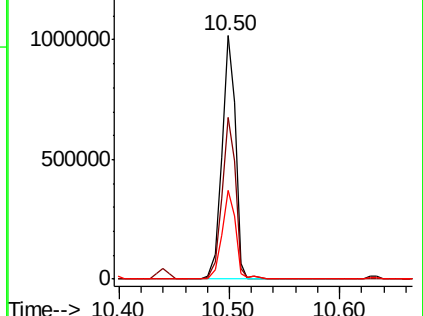
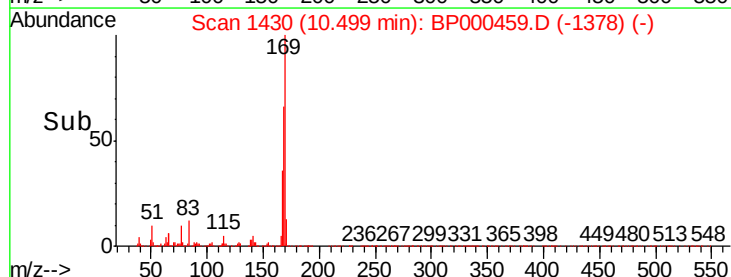
167 36.2 29.0 43.6

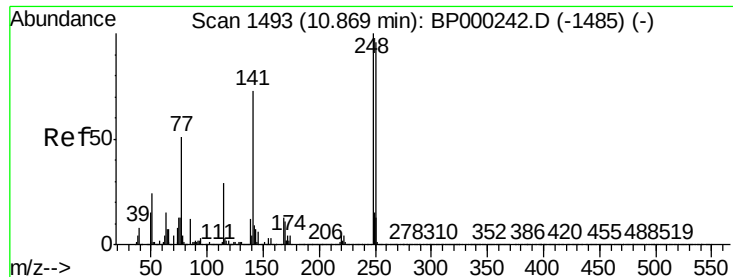


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

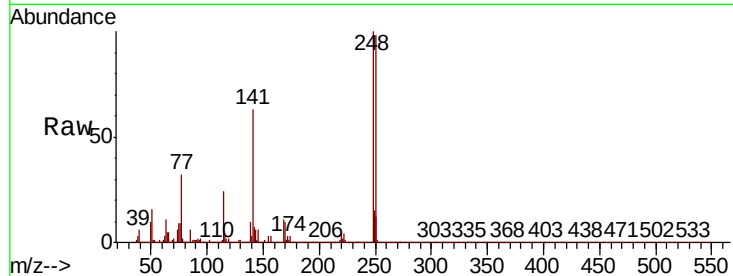




#67
4-Bromophenyl-phenylether
Concen: 46.849 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	77.0	115.4
141	63.4	58.5	87.7

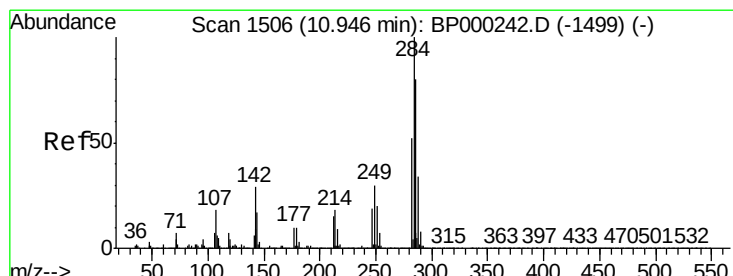
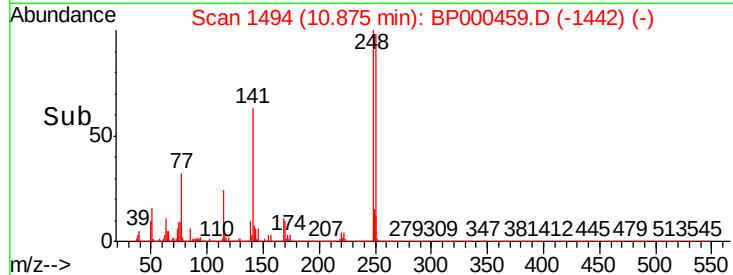
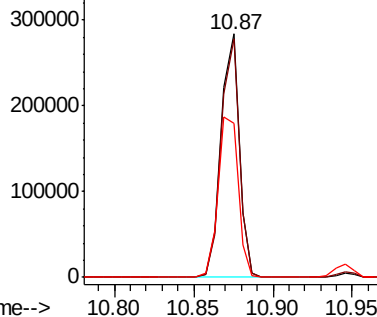


Abundance

Ion 248.00 (247.70 to 248.70): E

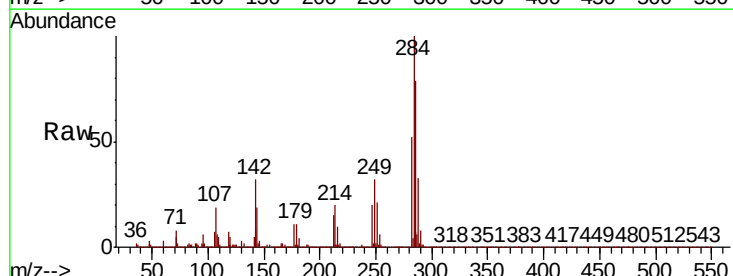
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 48.779 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	23.6	35.4
249	31.9	24.3	36.5

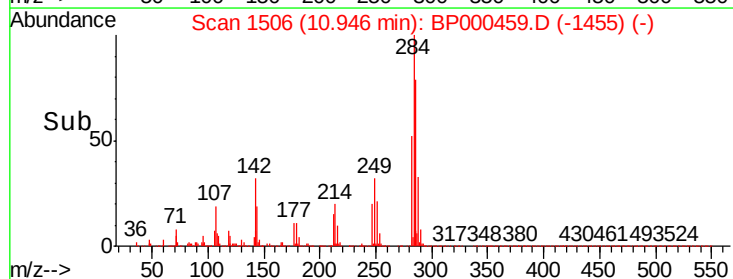
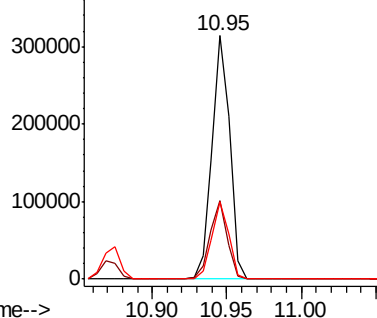


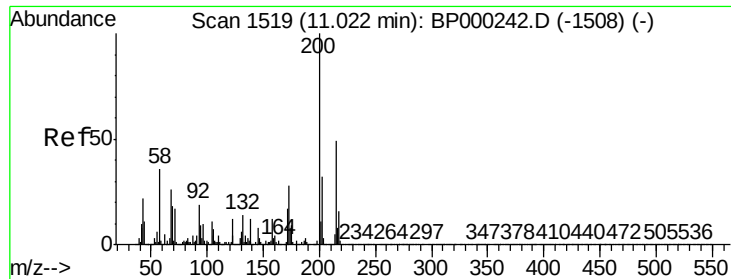
Abundance

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

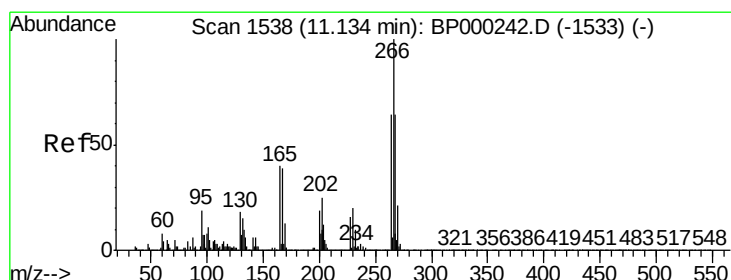
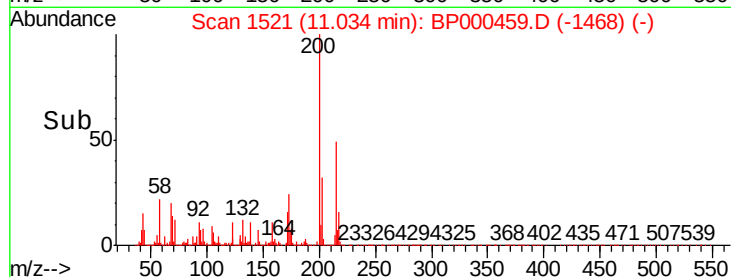
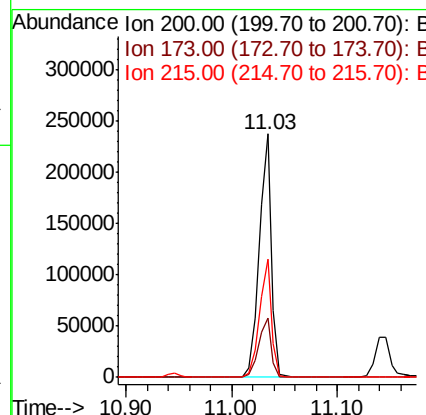
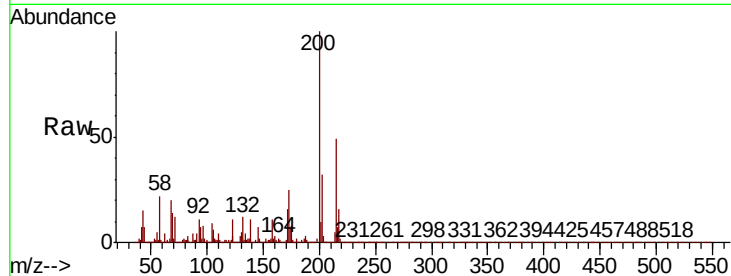




#69
 Atrazine
 Concen: Below Cal
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BP000459.D
 Acq: 27 Sep 2019 15:55

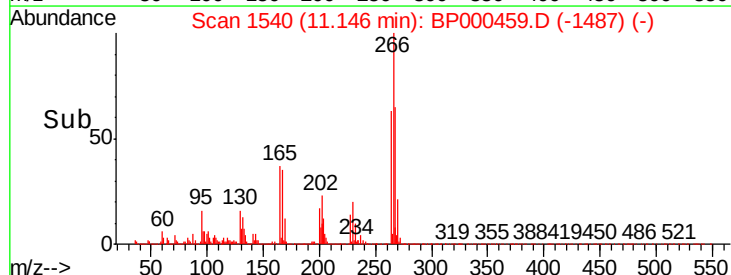
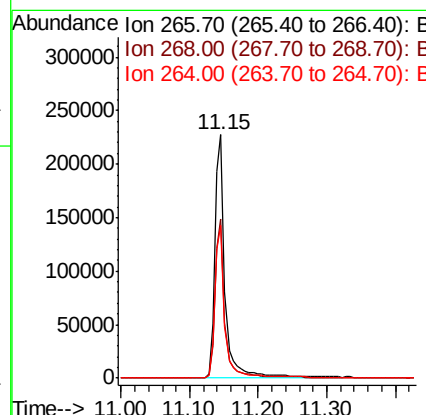
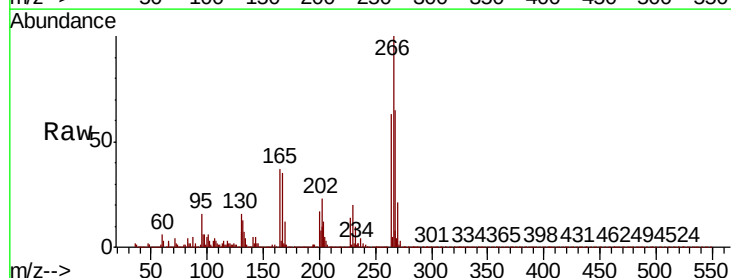
Instrument :
 BNA_P
 ClientSampleId :

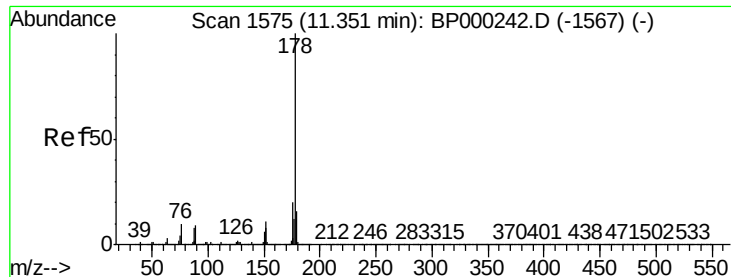
Tot Ion:200 Resp: 192731
 Ion Ratio Lower Upper
 200 100
 173 24.5 7.6 47.6
 215 48.7 28.6 68.6



#70
 Pentachlorophenol
 Concen: 82.290 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BP000459.D
 Acq: 27 Sep 2019 15:55

Tgt Ion:266 Resp: 238190
 Ion Ratio Lower Upper
 266 100
 268 65.3 51.6 77.4
 264 62.7 50.8 76.2

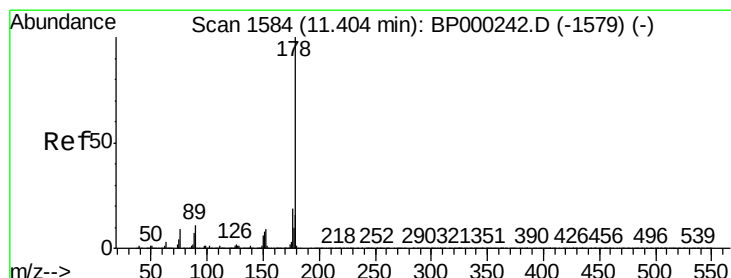
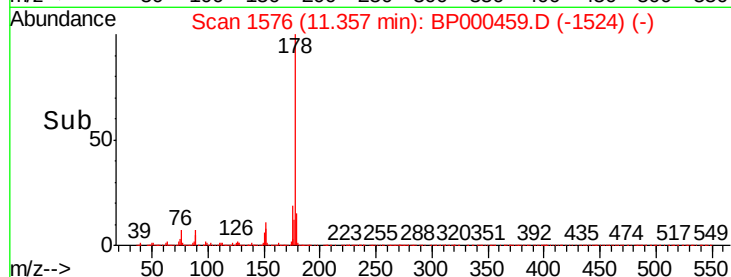
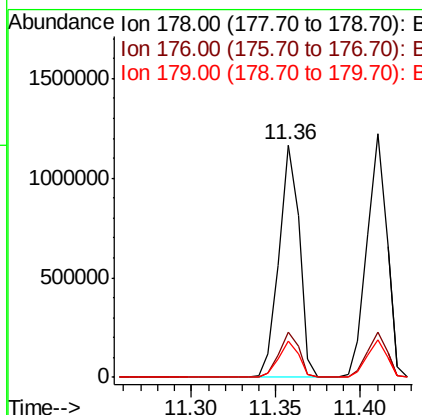
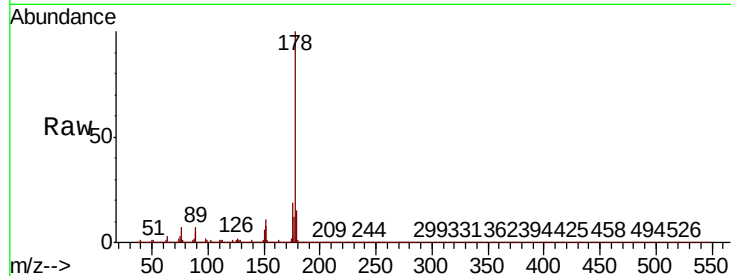




#71
Phenanthrene
Concen: 45.331 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

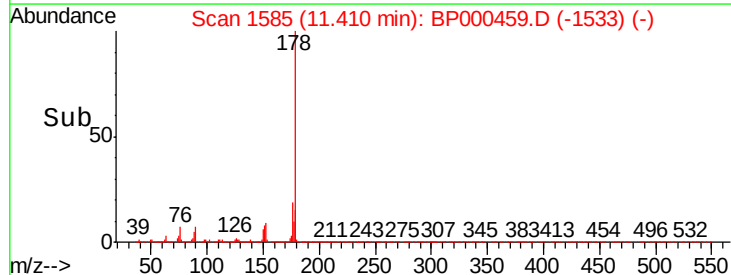
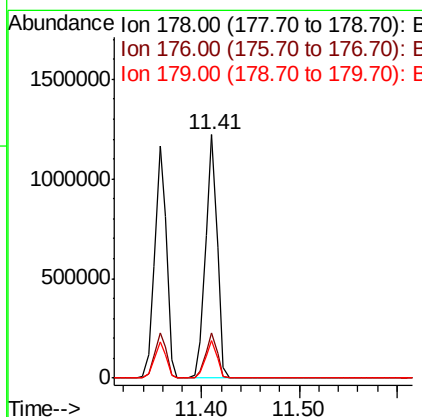
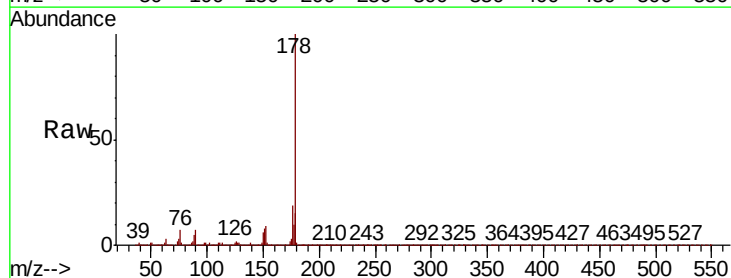
Instrument :
BNA_P
ClientSampleId :

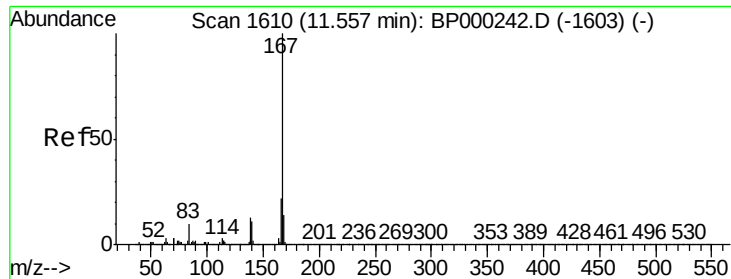
Tot Ion:178 Resp: 976578
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 15.5 12.7 19.1



#72
Anthracene
Concen: 45.521 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion:178 Resp: 1009418
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.0
179 15.4 12.7 19.1





#73

Carbazole

Concen: 45.019 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

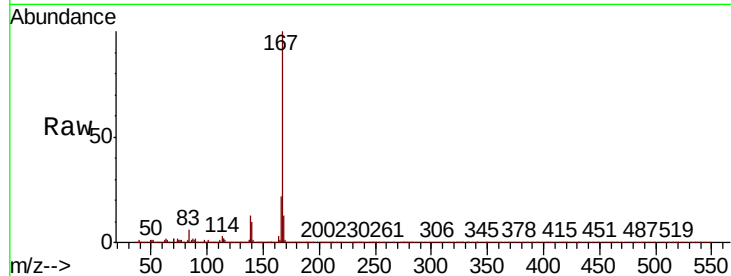
Tot Ion:167 Resp: 899033

Ion Ratio Lower Upper

167 100

166 22.2 17.8 26.8

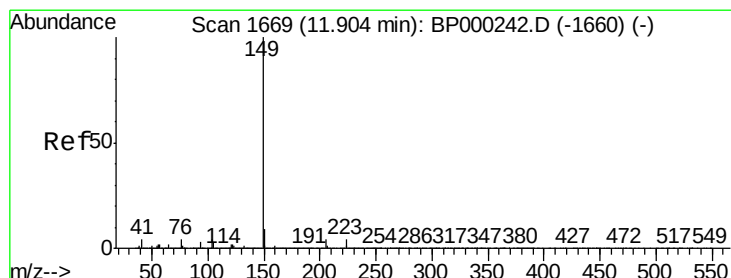
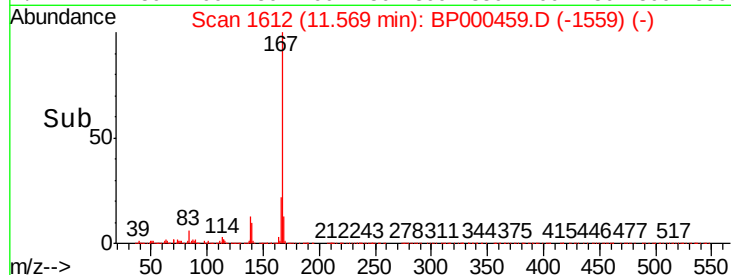
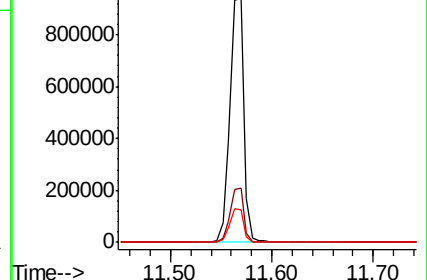
139 13.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.644 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

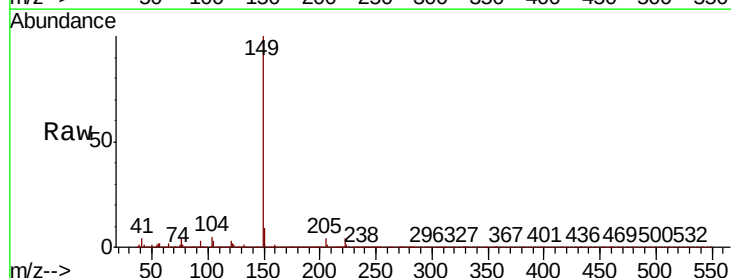
Tgt Ion:149 Resp: 1103206

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

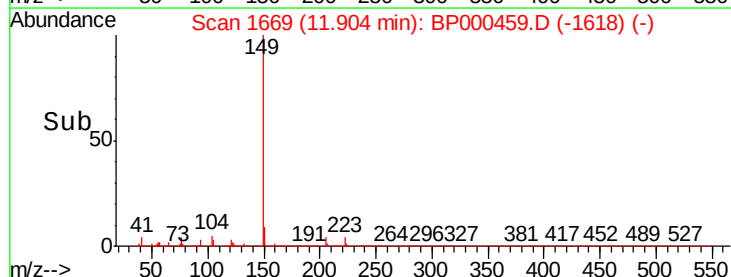
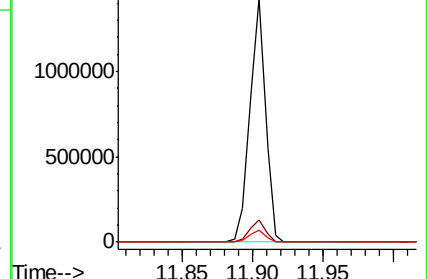
104 5.1 3.5 5.3

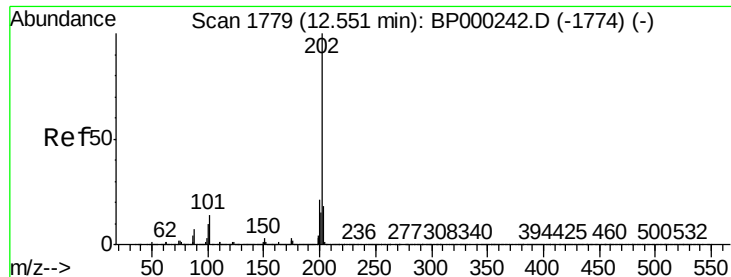


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.154 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

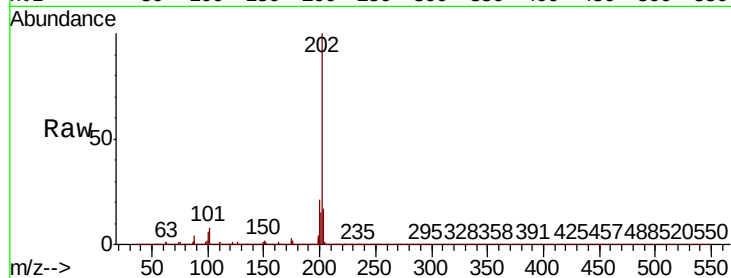
Tot Ion:202 Resp: 1137074

Ion Ratio Lower Upper

202 100

101 7.6 0.0 33.9

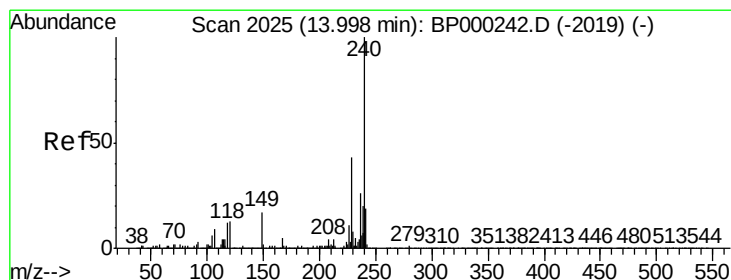
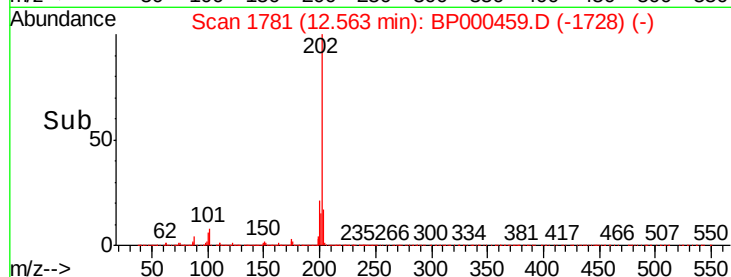
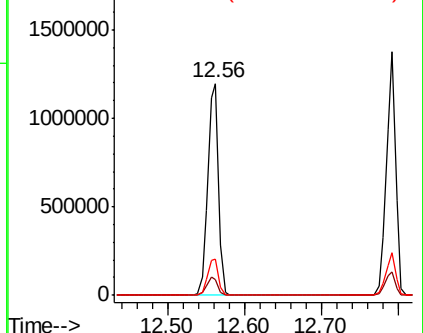
203 17.3 0.0 38.0



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: BP000459.D

Acq: 27 Sep 2019 15:55

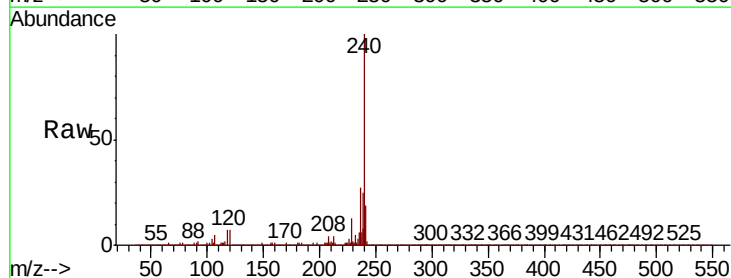
Tgt Ion:240 Resp: 399878

Ion Ratio Lower Upper

240 100

120 7.2 10.4 15.6#

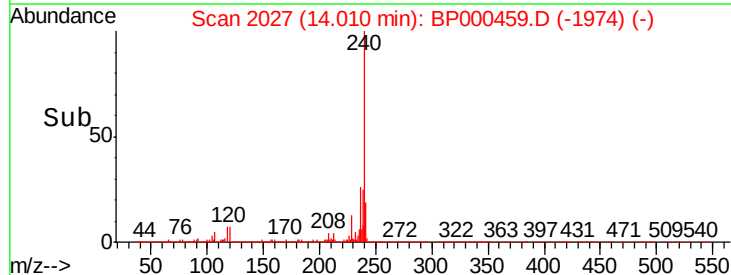
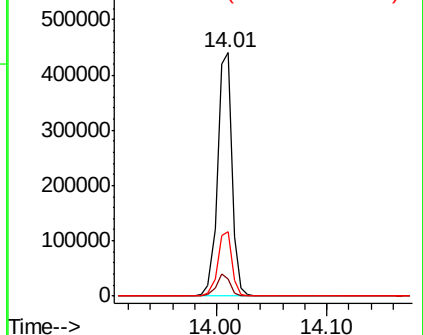
236 26.5 21.0 31.6

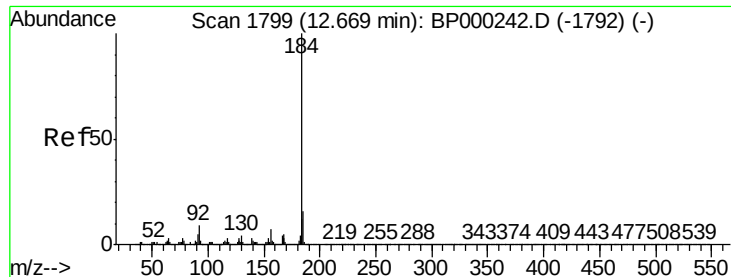


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.481 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

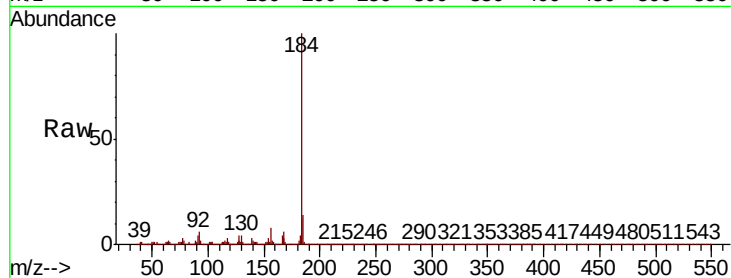
Tot Ion:184 Resp: 406741

Ion Ratio Lower Upper

184 100

185 13.9 12.7 19.1

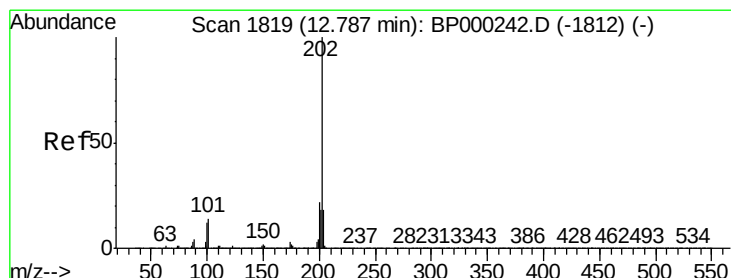
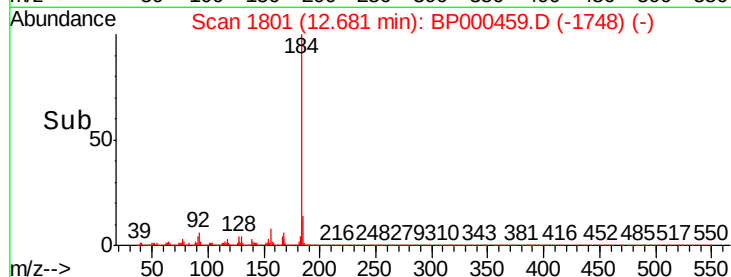
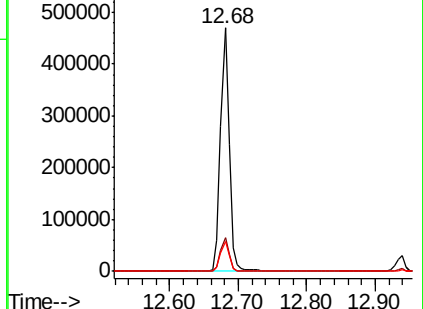
183 12.3 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.815 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

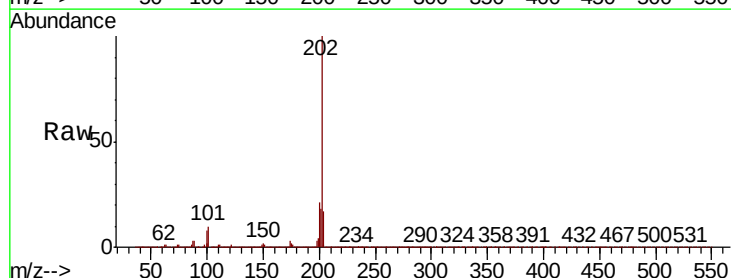
Tgt Ion:202 Resp: 1161251

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

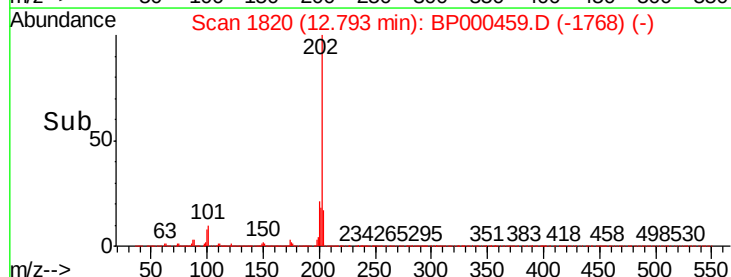
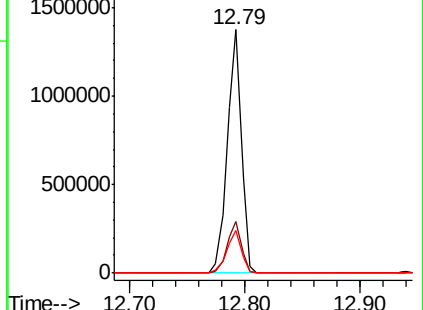
203 17.4 14.3 21.5

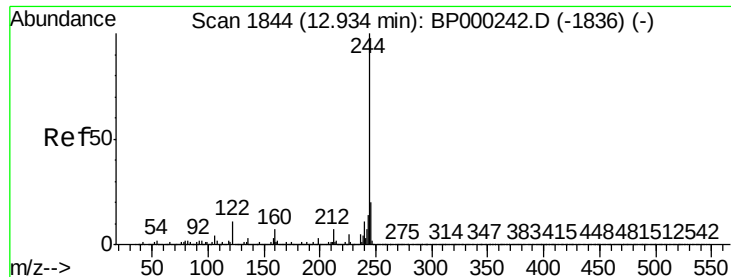


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 95.307 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

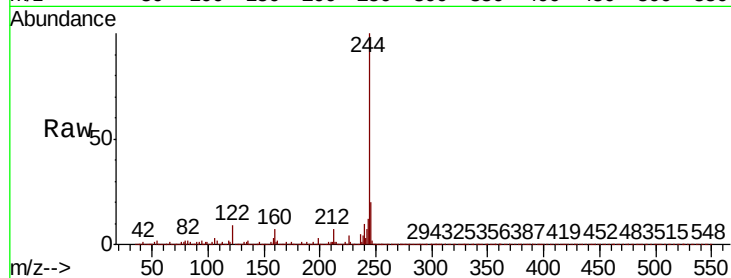
Tot Ion:244 Resp: 1816687

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

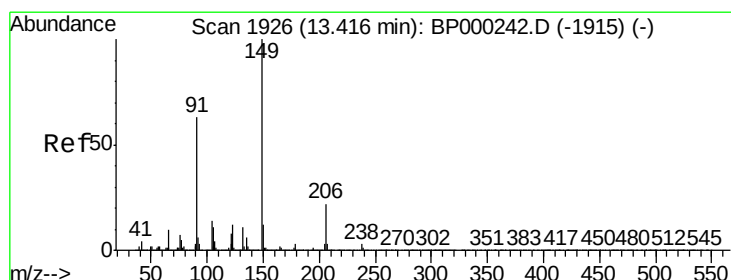
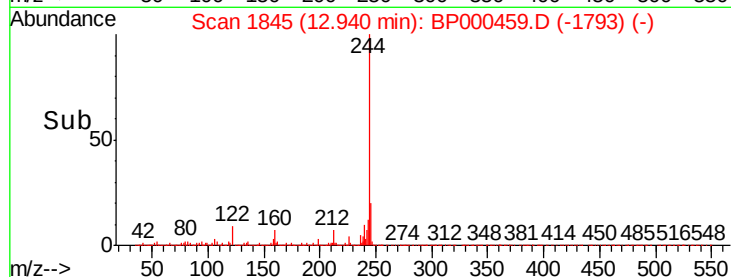
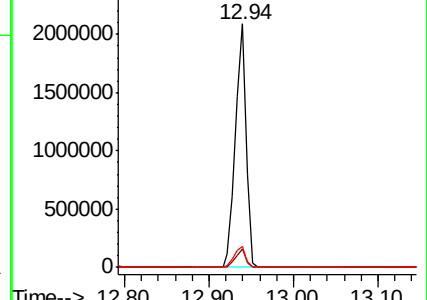
122 8.5 9.0 13.4#



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: 36.225 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

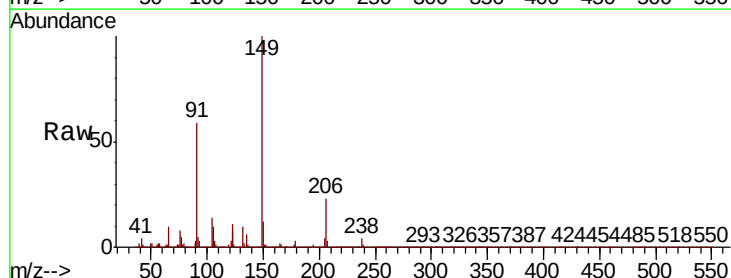
Tgt Ion:149 Resp: 497976

Ion Ratio Lower Upper

149 100

91 58.6 50.6 76.0

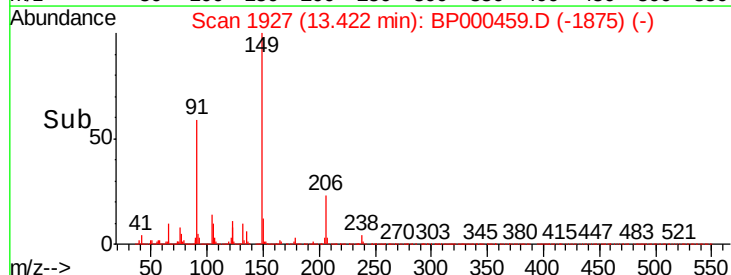
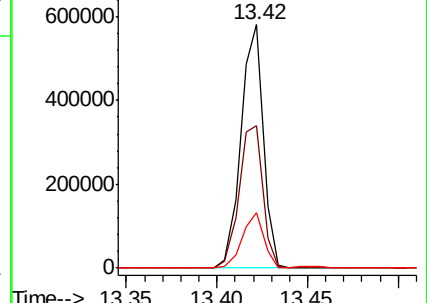
206 22.8 17.8 26.6

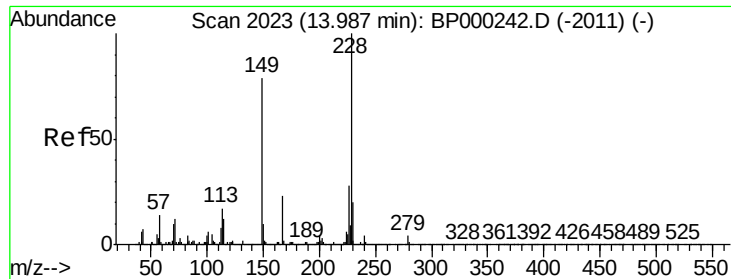


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

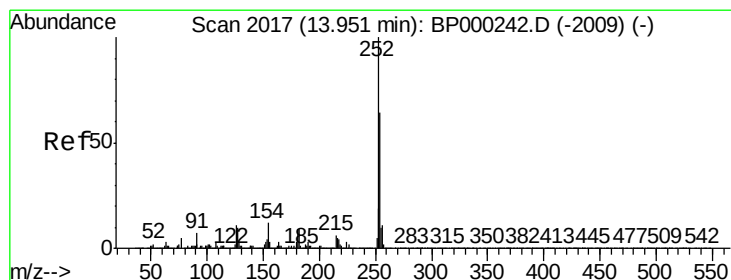
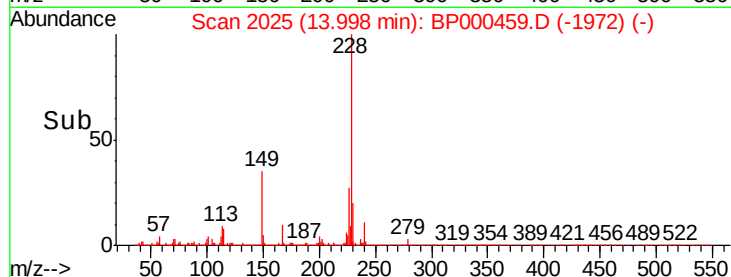
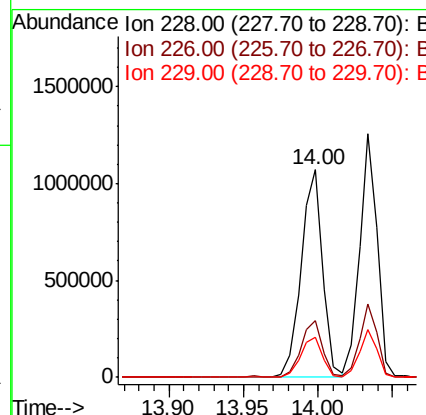
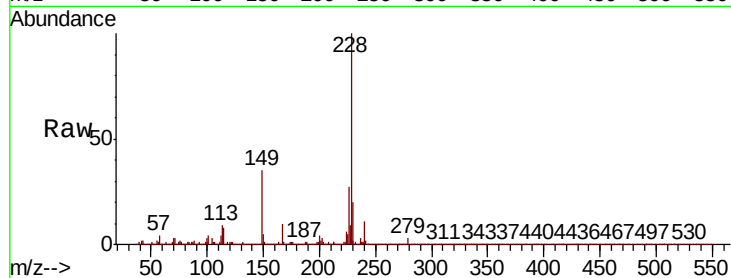




#81
Benzo(a)anthracene
Concen: 42.561 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

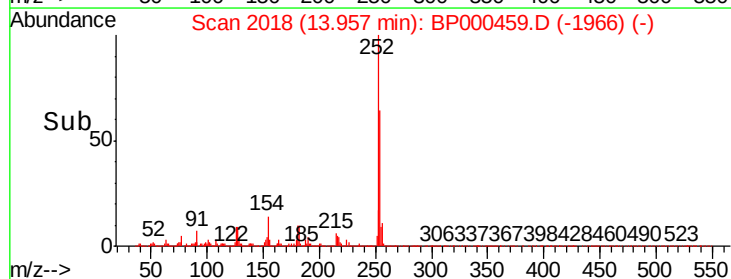
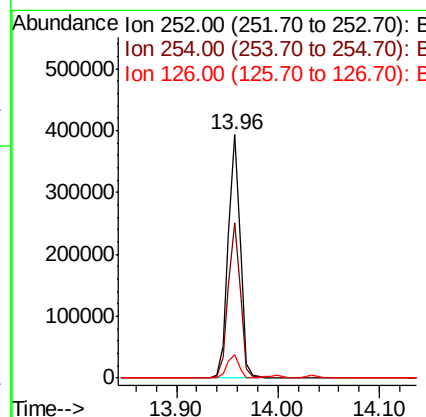
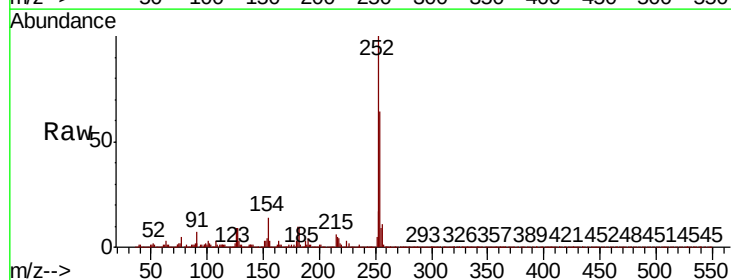
Instrument :
BNA_P
ClientSampleId :

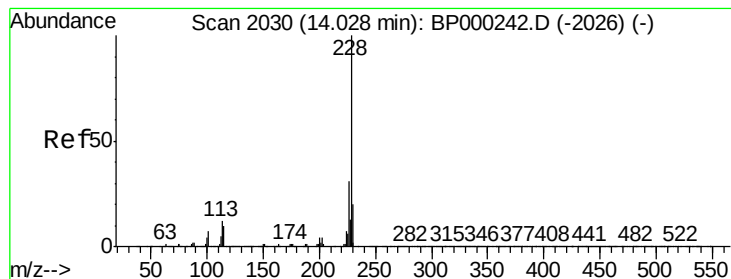
Tot Ion:228 Resp: 1075065
Ion Ratio Lower Upper
228 100
226 27.5 22.2 33.4
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 31.975 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion:252 Resp: 324597
Ion Ratio Lower Upper
252 100
254 63.9 51.5 77.3
126 9.4 8.4 12.6





#83

Chrysene

Concen: 42.583 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

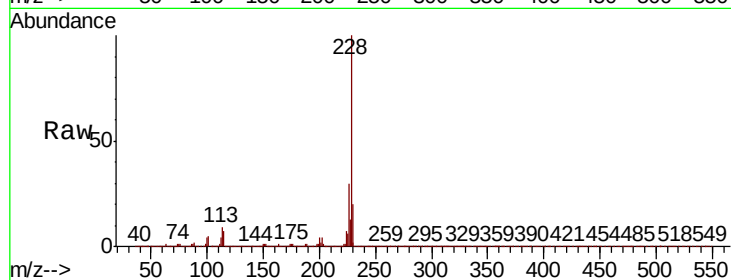
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 1056099

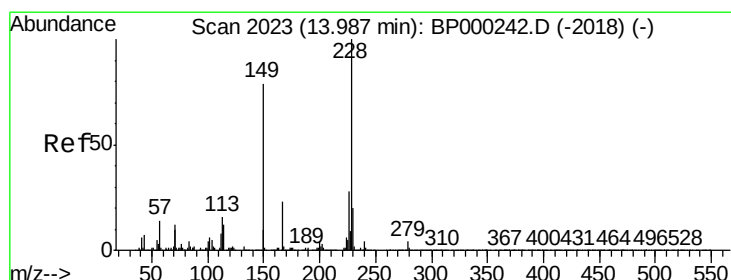
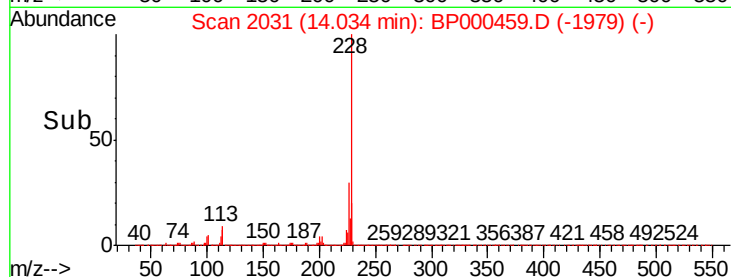
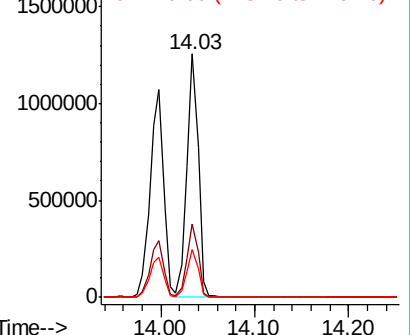
Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.8	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.619 ng

RT: 13.99 min Scan# 2024

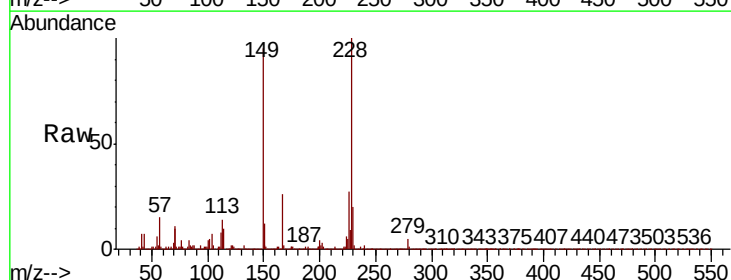
Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Tgt Ion:149 Resp: 686798

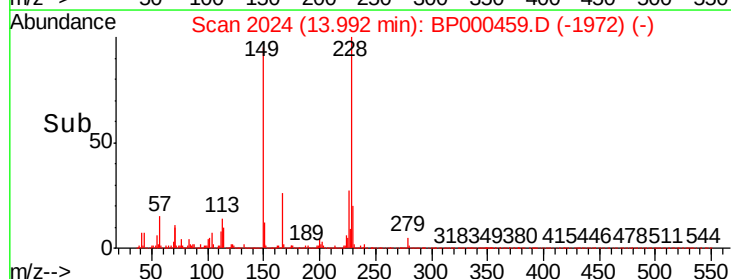
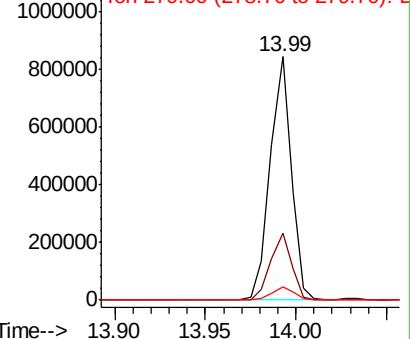
Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.0	34.4
279	5.5	3.7	5.5

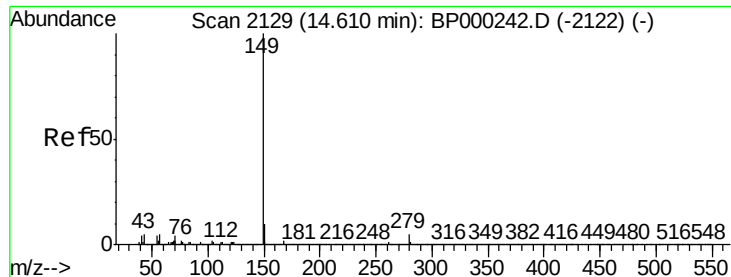


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.370 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampleId :

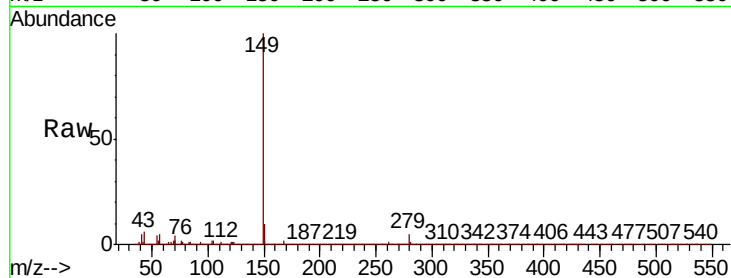
Tot Ion:149 Resp: 1204122

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

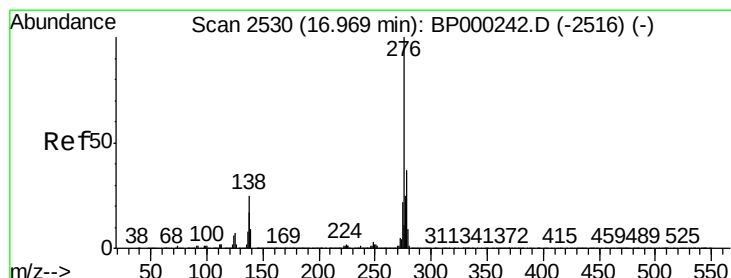
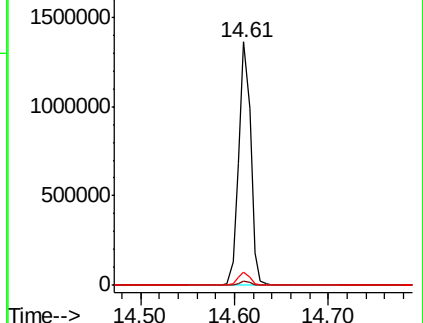
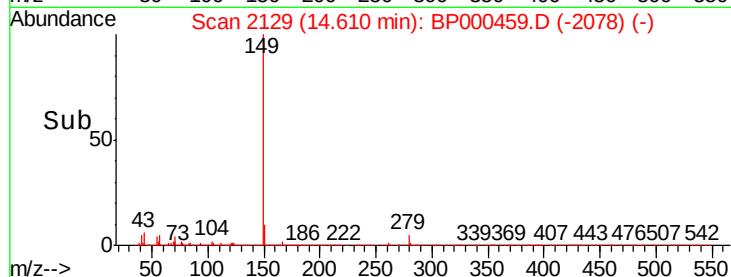
43 5.5 5.0 7.6



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: 44.967 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

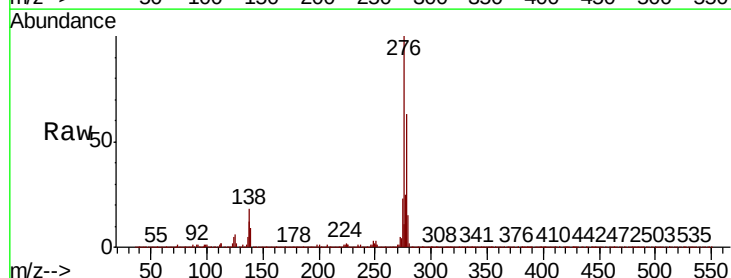
Tgt Ion:276 Resp: 1359385

Ion Ratio Lower Upper

276 100

138 19.2 22.6 33.8#

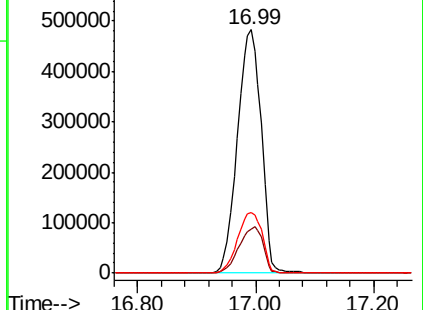
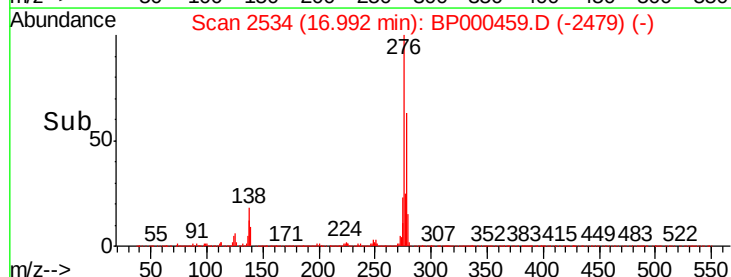
277 25.9 20.4 30.6

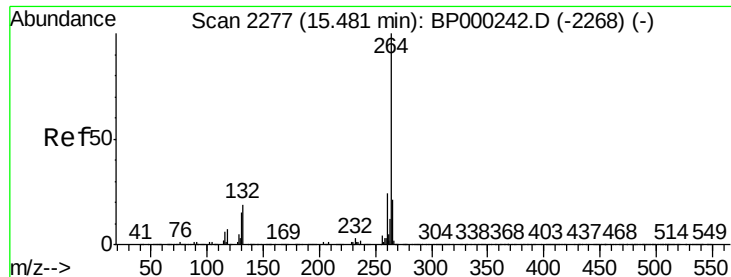


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

Instrument :

BNA_P

ClientSampled :

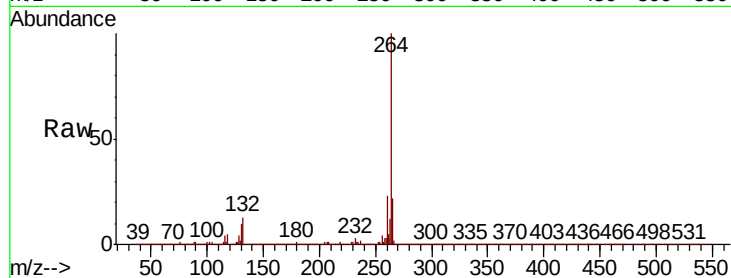
Tot Ion:264 Resp: 448691

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

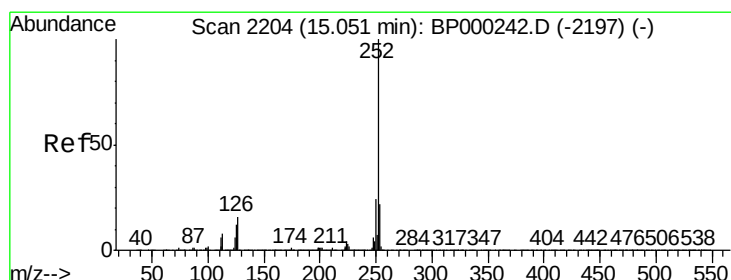
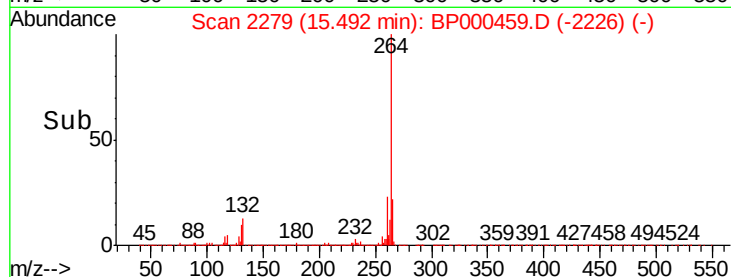
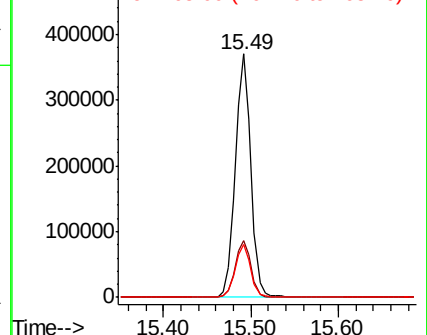
265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.343 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BP000459.D

Acq: 27 Sep 2019 15:55

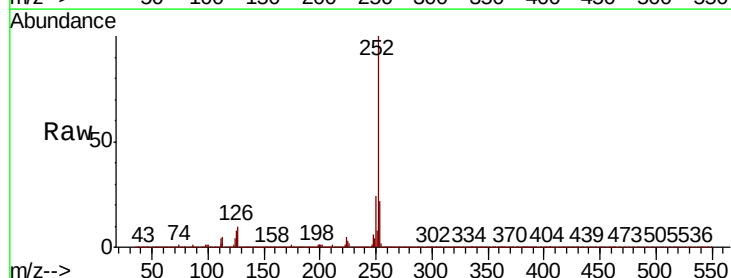
Tgt Ion:252 Resp: 1160179

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

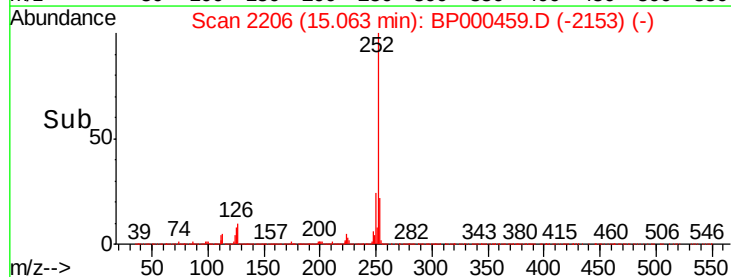
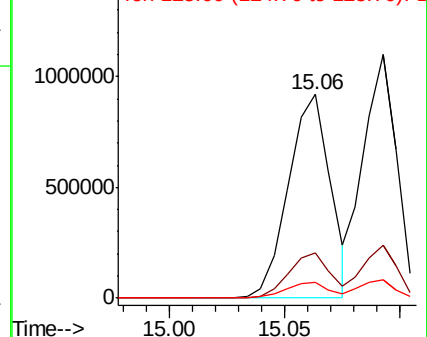
125 7.6 9.5 14.3#

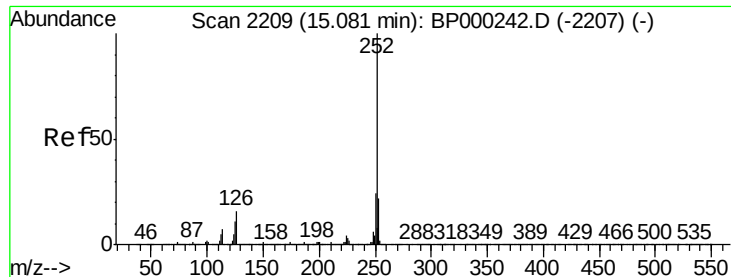


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

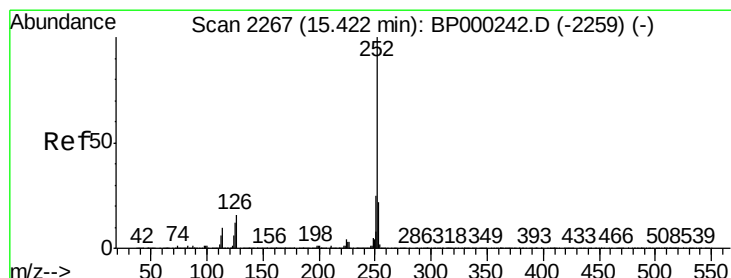
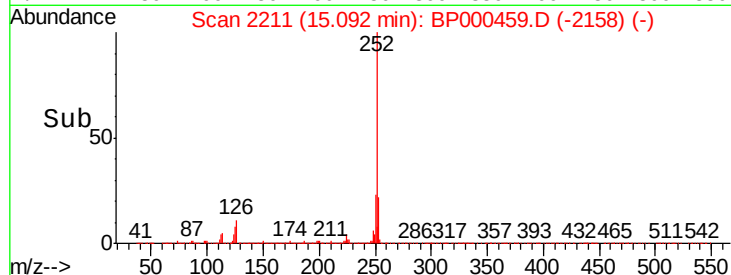
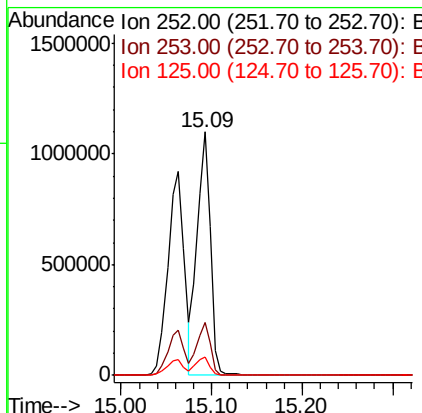
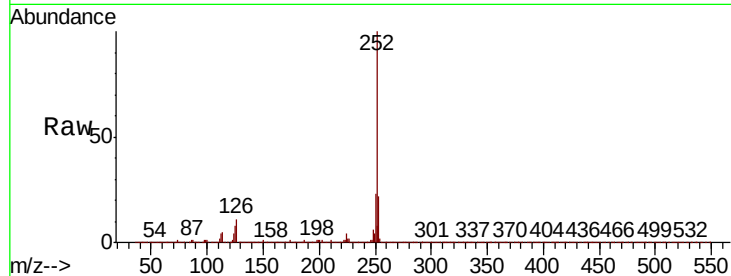




#89
Benzo(k)fluoranthene
Concen: 48.028 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

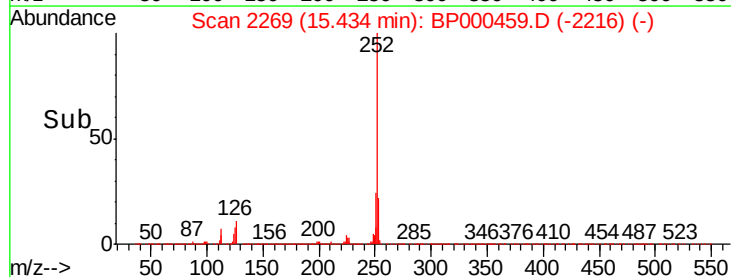
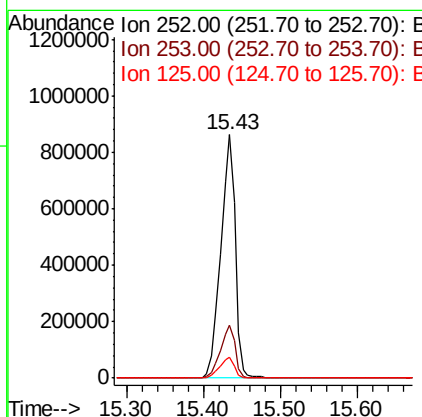
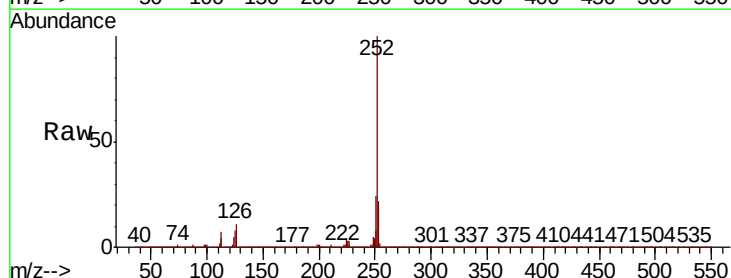
Instrument :
BNA_P
ClientSampleId :

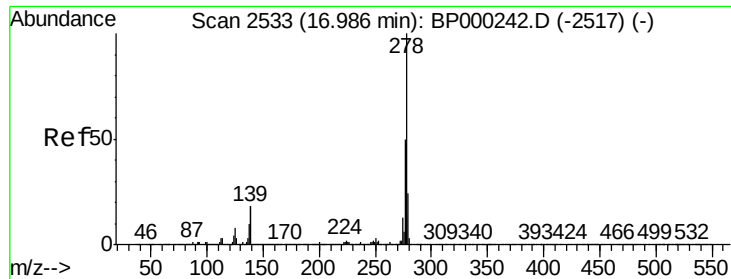
Tot Ion:252 Resp: 1121413
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 7.5 9.6 14.4#



#90
Benzo(a)pyrene
Concen: 45.935 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion:252 Resp: 1118801
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 8.4 10.0 15.0#



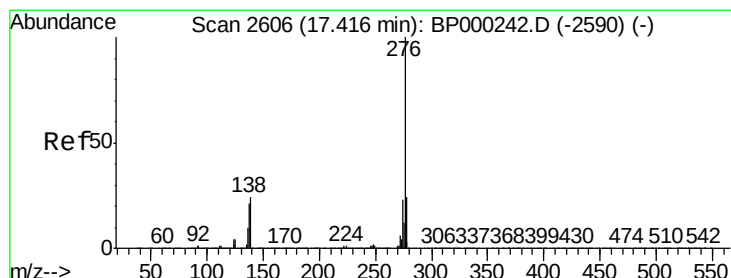
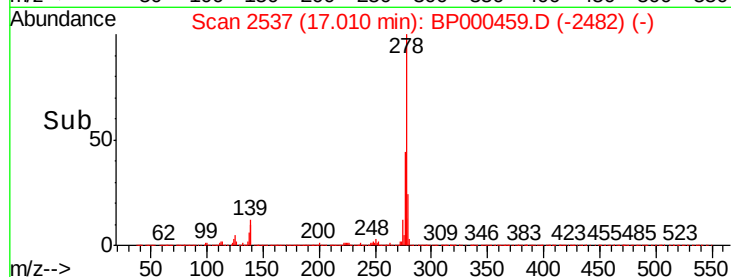
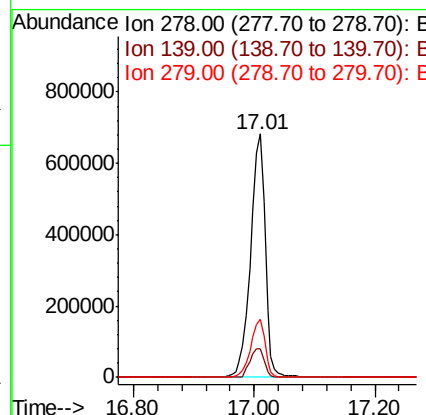
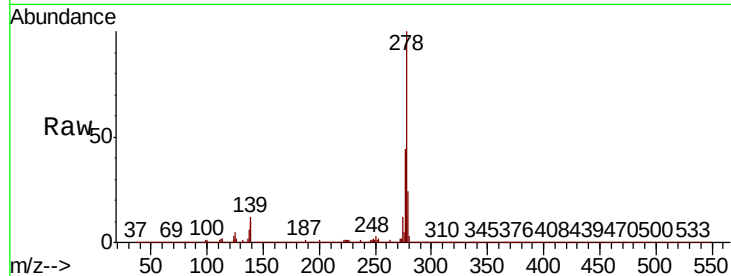


#91
Dibenzo(a,h)anthracene
Concen: 50.202 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.02 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 1139994

Ion	Ratio	Lower	Upper
278	100		
139	11.9	14.5	21.7#
279	23.7	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 47.995 ng
RT: 17.44 min Scan# 2610
Delta R.T. 0.02 min
Lab File: BP000459.D
Acq: 27 Sep 2019 15:55

Tgt Ion:276 Resp: 1120255

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	16.8	19.5	29.3#

