

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000464.D
 Acq On : 27 Sep 2019 16:19
 Operator : JU
 Sample : K4968-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 16:53:35 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	237965	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	864842	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	477108	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	444330	20.00	ng	0.00
76) Chrysene-d12	14.01	240	405215	20.00	ng	0.01
87) Perylene-d12	15.49	264	455661	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1197566	86.88	ng	0.01
7) Phenol-d6	6.43	99	1534255	90.80	ng	0.01
23) Nitrobenzene-d5	7.35	82	866850	64.67	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	357130	75.47	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1878567	70.87	ng	0.00
79) Terphenyl-d14	12.93	244	1337277	69.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	196799	31.638	ng	100
3) Pyridine	3.28	79	416855	24.893	ng	99
4) n-Nitrosodimethylamine	3.22	42	146803	31.090	ng	95
6) Aniline	6.45	93	632354	27.143	ng	# 77
8) 2-Chlorophenol	6.58	128	625012	42.107	ng	99
9) Benzaldehyde	6.33	77	401696	44.850	ng	98
10) Phenol	6.45	94	835494	43.522	ng	82
11) bis(2-Chloroethyl)ether	6.52	93	580153	39.464	ng	99
12) 1,3-Dichlorobenzene	6.73	146	689159	38.691	ng	99
13) 1,4-Dichlorobenzene	6.80	146	698298	39.403	ng	100
14) 1,2-Dichlorobenzene	6.96	146	648427	39.942	ng	99
15) Benzyl Alcohol	6.93	79	502089	40.833	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	515646	36.997	ng	96
17) 2-Methylphenol	7.05	107	516787	40.650	ng	99
18) Hexachloroethane	7.30	117	246703	37.617	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	348012	38.956	ng	98
20) 3+4-Methylphenols	7.20	107	631332	41.067	ng	# 75
22) Acetophenone	7.19	105	839177	44.775	ng	# 98
24) Nitrobenzene	7.37	77	591574	42.490	ng	99
25) Isophorone	7.61	82	1097500	41.349	ng	99
26) 2-Nitrophenol	7.69	139	313327	42.450	ng	95
27) 2,4-Dimethylphenol	7.73	122	543259	46.207	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	721162	40.851	ng	100
29) 2,4-Dichlorophenol	7.93	162	549958	43.645	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	598913	41.467	ng	99
31) Naphthalene	8.09	128	1748837	43.662	ng	99
32) Benzoic acid	7.85	122	268628	33.839	ng	98
33) 4-Chloroaniline	8.14	127	277857	15.328	ng	99
34) Hexachlorobutadiene	8.22	225	355758	41.571	ng	99
35) Caprolactam	8.50	113	129349	30.176	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	560615	43.826	ng	97
37) 2-Methylnaphthalene	8.79	142	1209624	44.178	ng	99
38) 1-Methylnaphthalene	8.89	142	1121359	43.720	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	604943	44.346	ng	99

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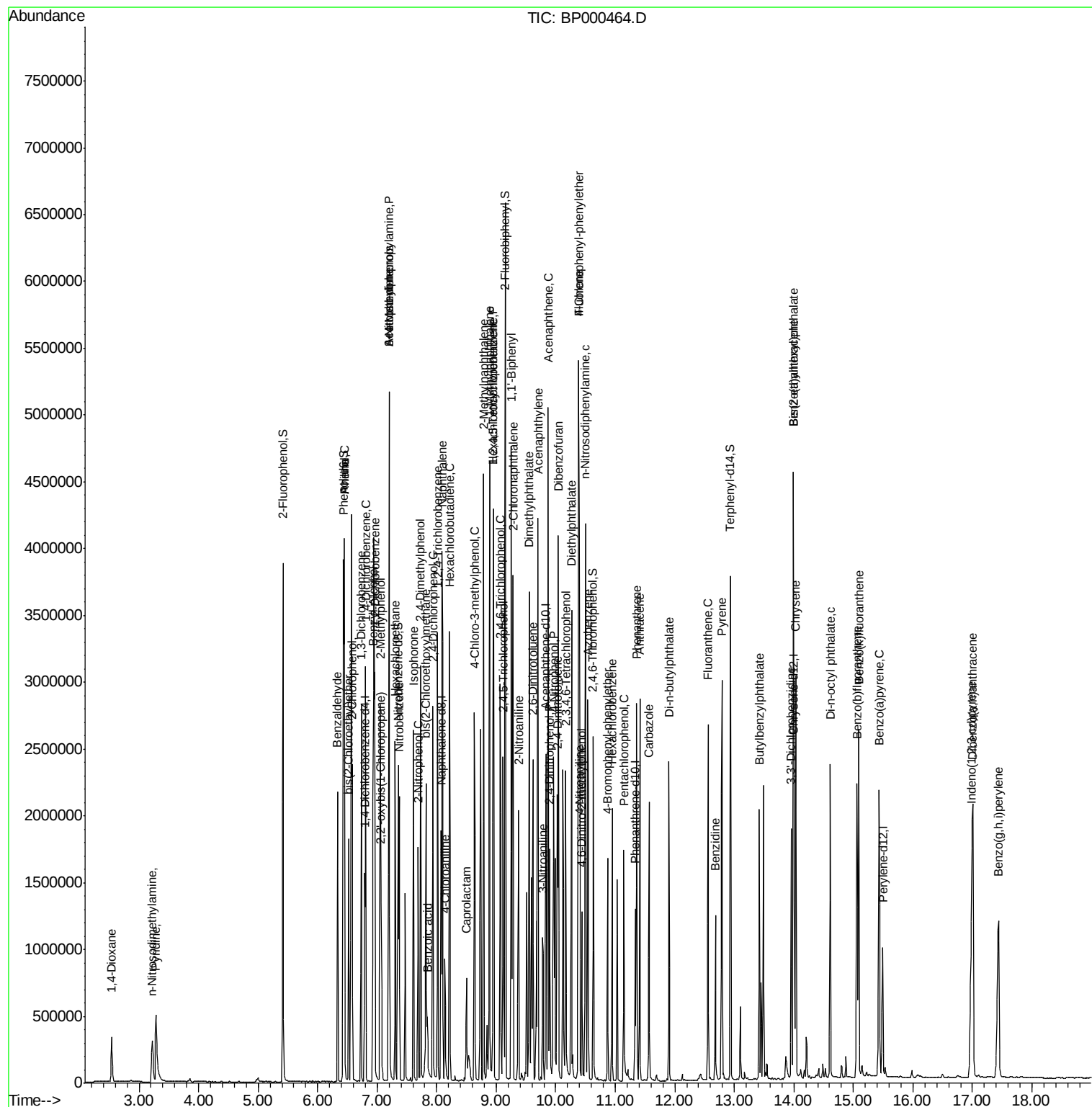
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	547770	69.928	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	396001	41.953	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	429269	44.413	ng	99
46) 1,1'-Biphenyl	9.25	154	1474183	44.665	ng	100
47) 2-Chloronaphthalene	9.28	162	1166539	42.133	ng	98
48) 2-Nitroaniline	9.37	65	281339	40.014	ng	99
49) Acenaphthylene	9.70	152	1808986	43.466	ng	99
50) Dimethylphthalate	9.56	163	1581100	48.640	ng	99
51) 2,6-Dinitrotoluene	9.62	165	316013	44.214	ng	97
52) Acenaphthene	9.87	154	1043326	39.725	ng	100
53) 3-Nitroaniline	9.79	138	184875	22.285	ng	94
54) 2,4-Dinitrophenol	9.90	184	237797	75.307	ng	97
55) Dibenzofuran	10.05	168	1617993	43.579	ng	99
56) 4-Nitrophenol	9.96	139	465030	75.364	ng	95
57) 2,4-Dinitrotoluene	10.03	165	414925	44.407	ng	98
58) Fluorene	10.39	166	1208476	42.141	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	349149	43.900	ng	99
60) Diethylphthalate	10.26	149	1325377	42.385	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	628962	42.728	ng	97
62) 4-Nitroaniline	10.40	138	329517	40.382	ng	95
63) Azobenzene	10.54	77	960352	36.251	ng	97
65) 4,6-Dinitro-2-methylphenol	10.44	198	172381	82.508	ng	95
66) n-Nitrosodiphenylamine	10.50	169	1020538	76.297	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	232684	46.310	ng	95
68) Hexachlorobenzene	10.95	284	261345	47.578	ng	96
69) Atrazine	11.03	200	195346	Below Cal		99
70) Pentachlorophenol	11.15	266	242649	81.107	ng	98
71) Phenanthrene	11.36	178	1006954	45.223	ng	99
72) Anthracene	11.41	178	1022132	44.597	ng	99
73) Carbazole	11.57	167	911499	44.161	ng	100
74) Di-n-butylphthalate	11.90	149	1139889	43.631	ng	99
75) Fluoranthene	12.56	202	1167215	48.818	ng	92
77) Benzidine	12.68	184	449831	31.083	ng	97
78) Pyrene	12.79	202	1172421	38.672	ng	99
80) Butylbenzylphthalate	13.42	149	500829	35.952	ng	96
81) Benzo(a)anthracene	14.00	228	1084331	42.363	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	364025	35.387	ng	99
83) Chrysene	14.03	228	1049736	41.769	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	694869	41.553	ng	# 99
85) Di-n-octyl phthalate	14.61	149	1226643	39.578	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	1362381	44.473	ng	# 91
88) Benzo(b)fluoranthene	15.06	252	1159546	42.657	ng	# 96
89) Benzo(k)fluoranthene	15.09	252	1126893	47.525	ng	# 96
90) Benzo(a)pyrene	15.43	252	1127645	45.590	ng	# 96
91) Dibenzo(a,h)anthracene	17.01	278	1133261	49.142	ng	# 93
92) Benzo(g,h,i)perylene	17.44	276	1121534	47.315	ng	# 91

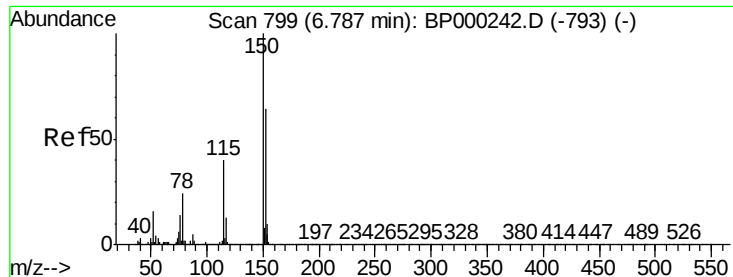
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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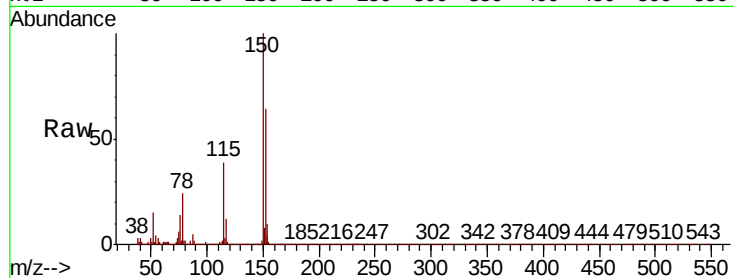


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.2	187.8
115	61.3	49.7	74.5

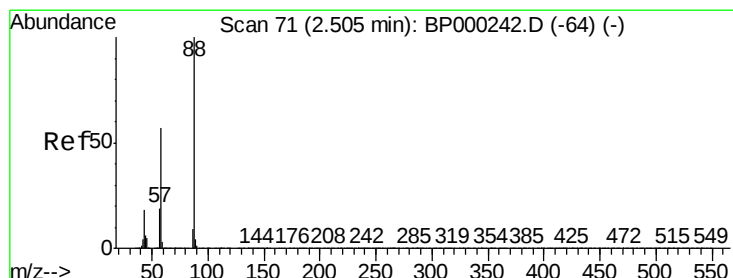
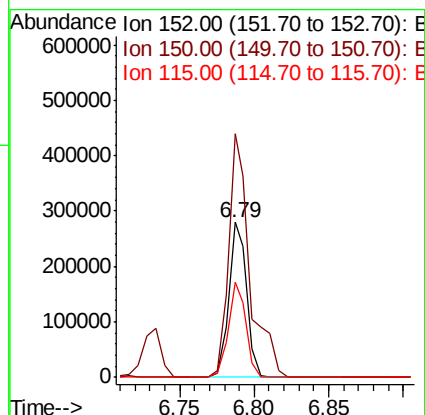
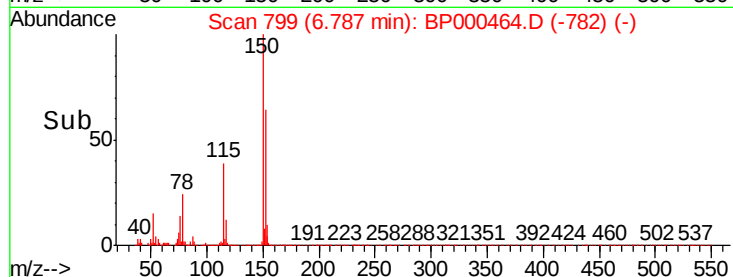


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

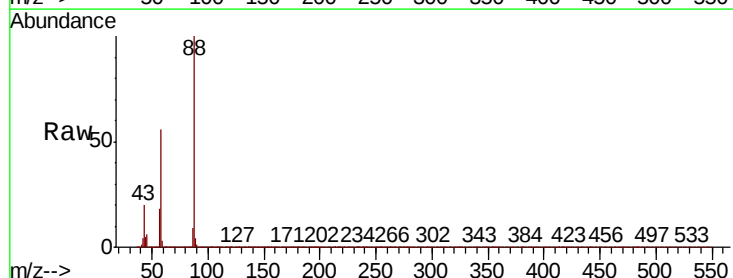
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.638 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.04 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.7	45.4	68.2
43	18.4	15.0	22.6

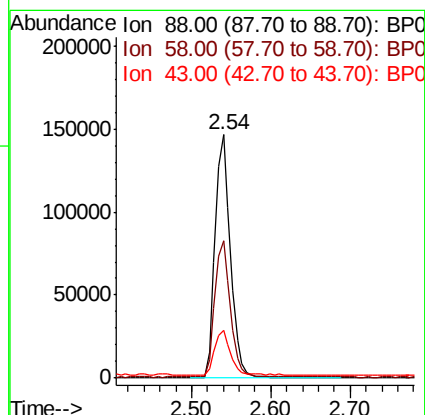
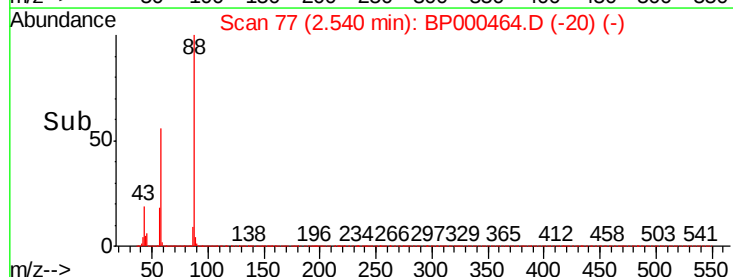


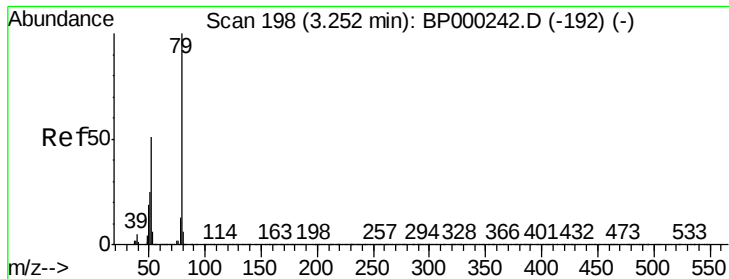
Abundance

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: 24.893 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.03 min

Lab File: BP000464.D

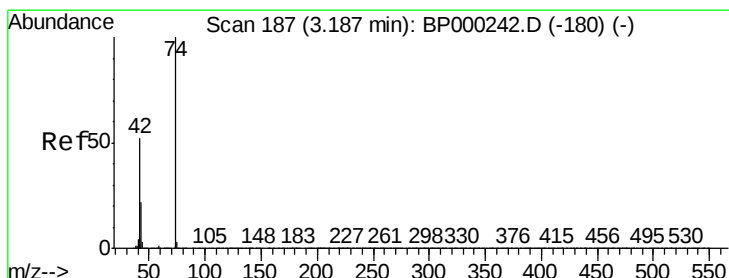
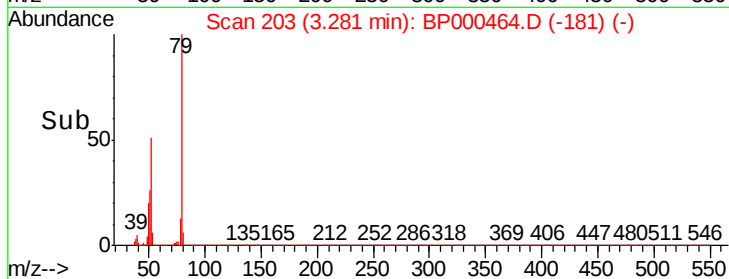
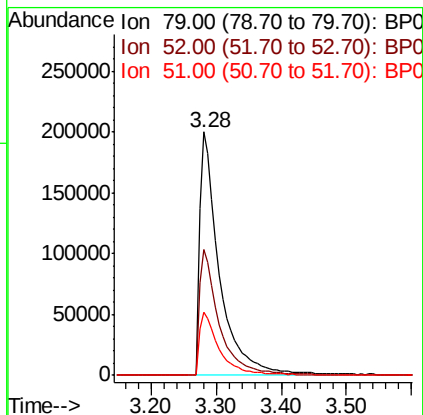
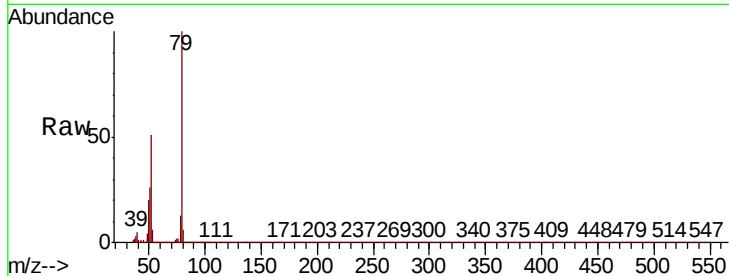
Acq: 27 Sep 2019 16:19

Instrument :

BNA_P

ClientSampled :

Tot Ion:	79	Resp:	416855
Ion	Ratio	Lower	Upper
79	100		
52	51.4	40.9	61.3
51	25.9	20.2	30.2



#4

n-Nitrosodimethylamine

Concen: 31.090 ng

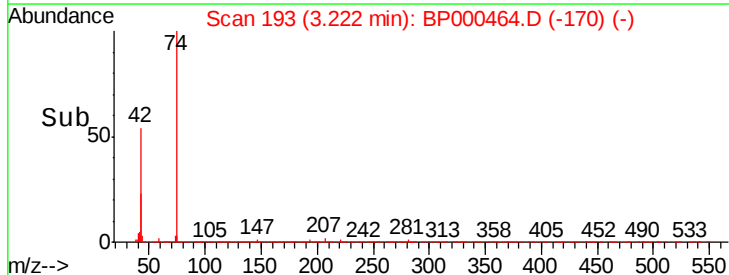
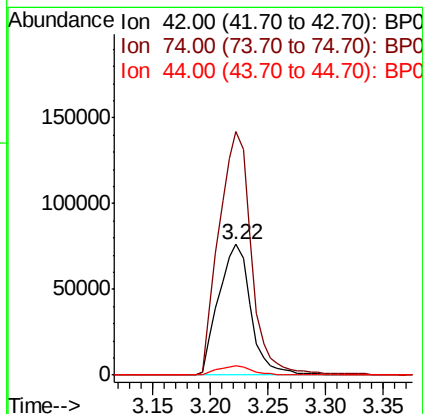
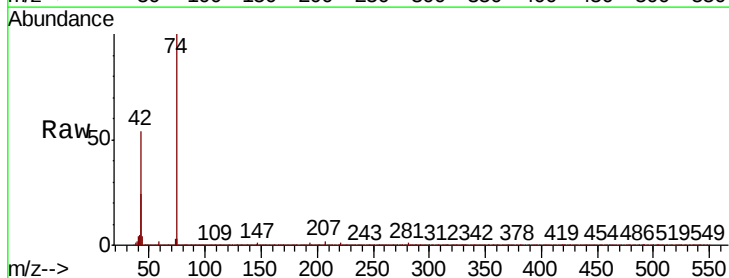
RT: 3.22 min Scan# 193

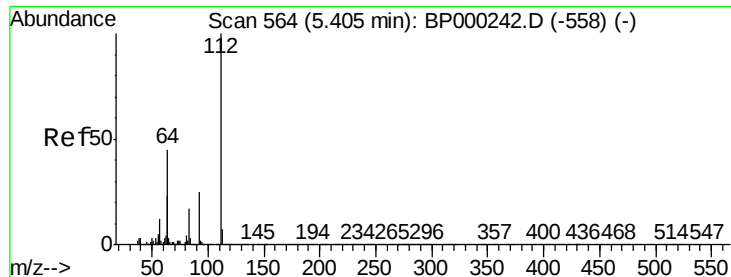
Delta R.T. 0.04 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Tgt Ion:	42	Resp:	146803
Ion	Ratio	Lower	Upper
42	100		
74	186.2	154.5	231.7
44	6.8	5.9	8.9





#5

2-Fluorophenol

Concen: 86.879 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

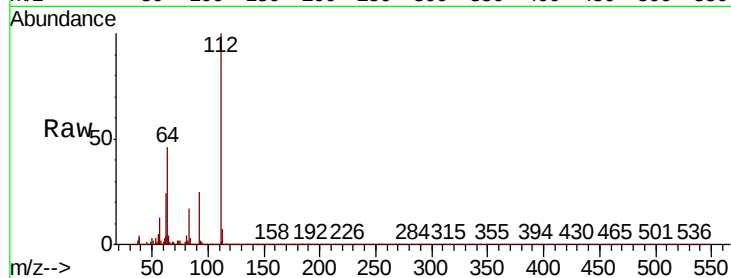
Instrument :

BNA_P

ClientSampleId :

Tot Ion:112 Resp: 1197566

Ion	Ratio	Lower	Upper
112	100		
64	46.1	36.2	54.4
63	23.7	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

1500000

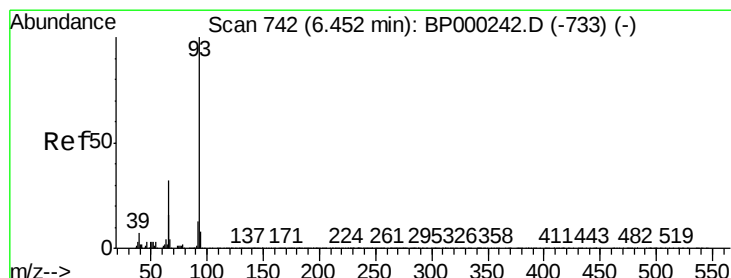
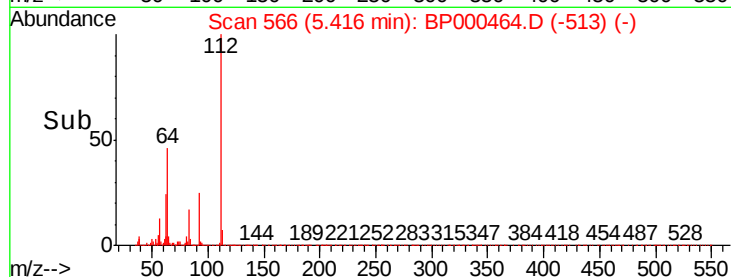
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500000

0

5.30 5.40 5.50 5.60

Time-->



#6

Aniline

Concen: 27.143 ng

RT: 6.45 min Scan# 742

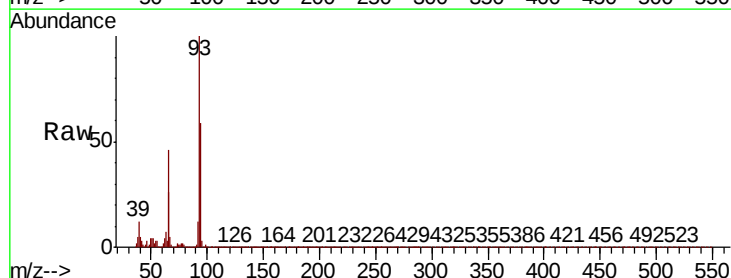
Delta R.T. -0.00 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Tgt Ion: 93 Resp: 632354

Ion	Ratio	Lower	Upper
93	100		
66	45.7	26.2	39.2#
65	26.0	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

1000000

800000

600000

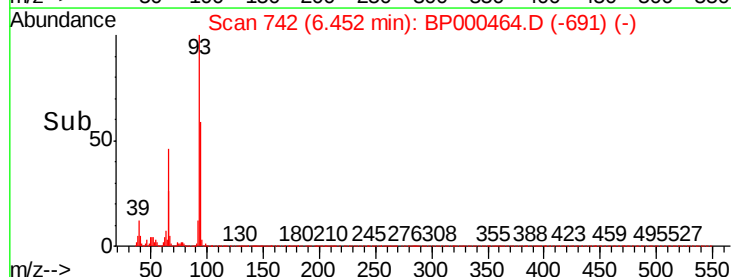
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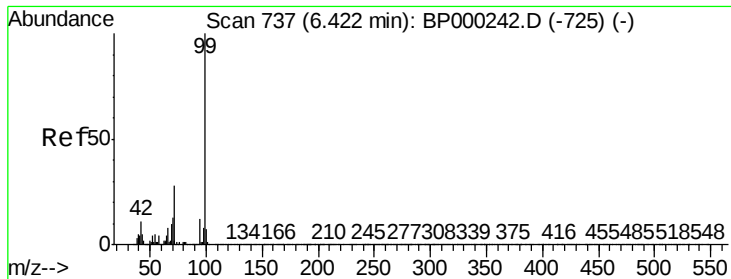
200000

0

6.40 6.45 6.50

Time-->





#7

Phenol-d6

Concen: 90.802 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Instrument :

BNA_P

ClientSampleId :

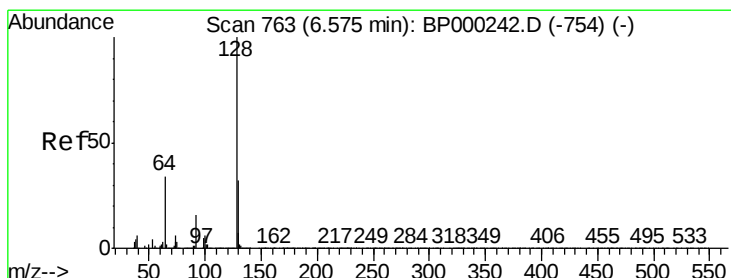
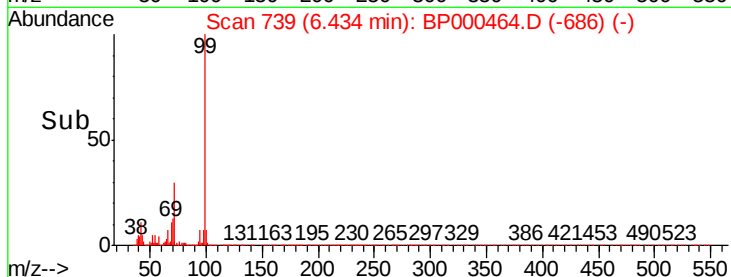
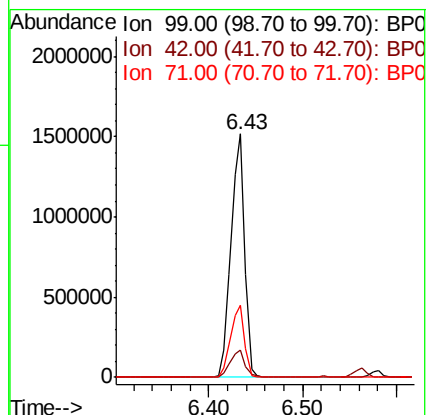
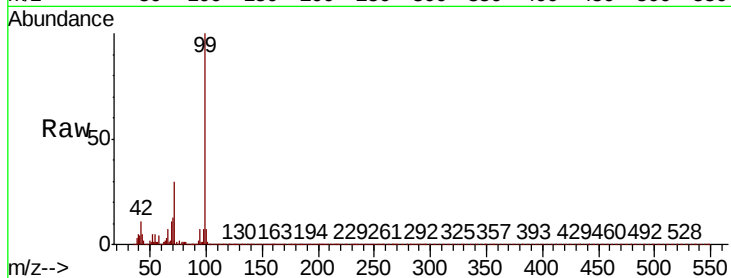
Tot Ion: 99 Resp: 1534255

Ion Ratio Lower Upper

99 100

42 11.1 8.5 12.7

71 29.7 22.6 34.0



#8

2-Chlorophenol

Concen: 42.107 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

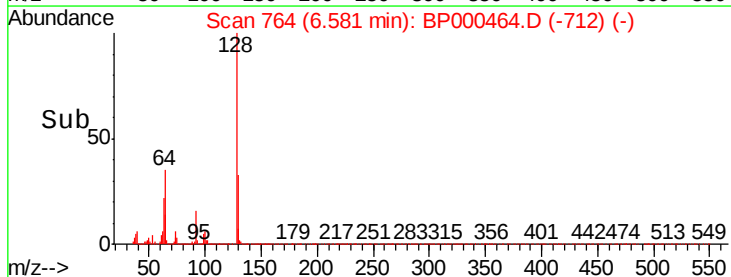
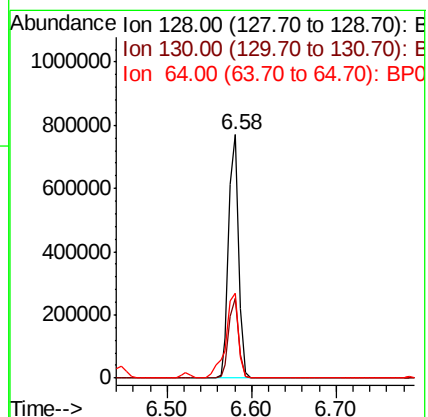
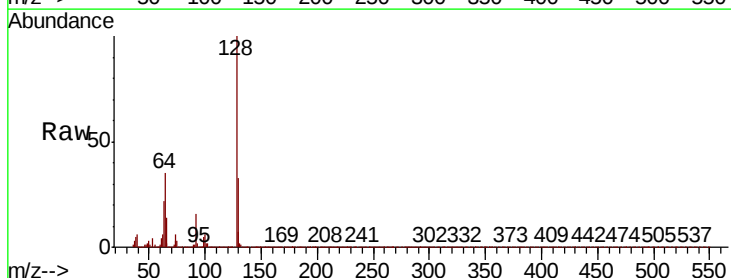
Tgt Ion: 128 Resp: 625012

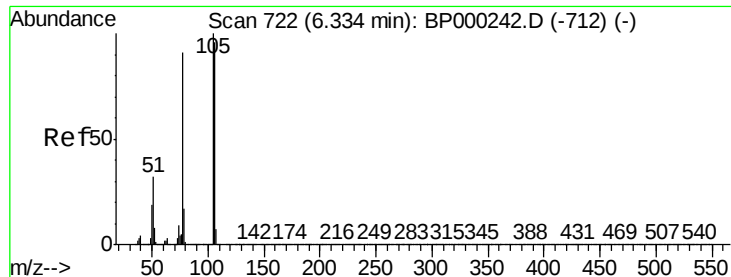
Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

64 34.9 16.0 56.0





#9

Benzaldehyde

Concen: 44.850 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

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ClientSampleId :

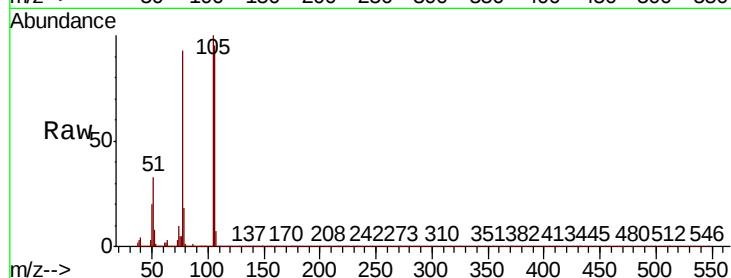
Tot Ion: 77 Resp: 401696

Ion Ratio Lower Upper

77 100

105 107.7 89.6 129.6

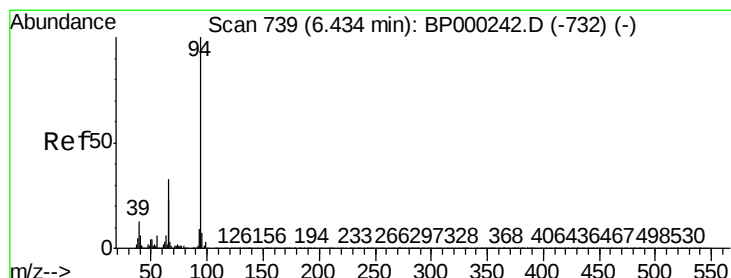
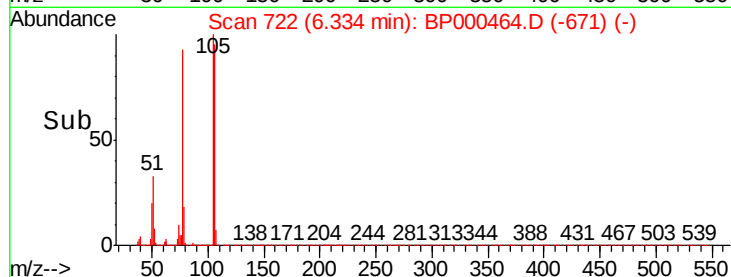
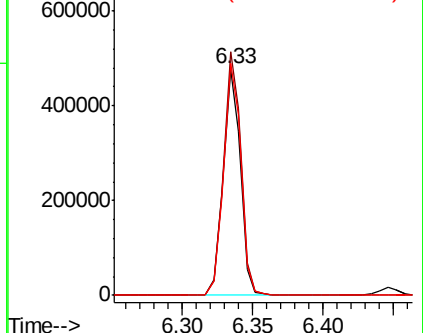
106 102.8 84.6 124.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 43.522 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

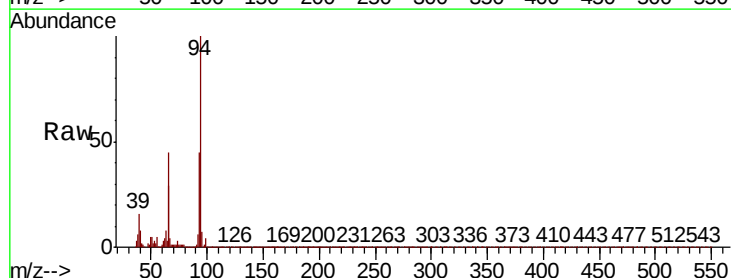
Tgt Ion: 94 Resp: 835494

Ion Ratio Lower Upper

94 100

65 29.2 3.3 43.3

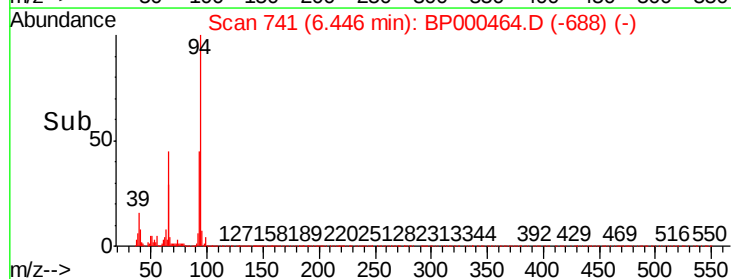
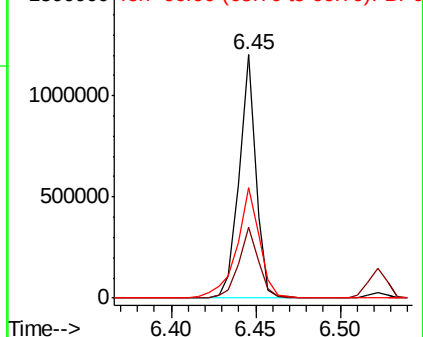
66 45.4 12.7 52.7

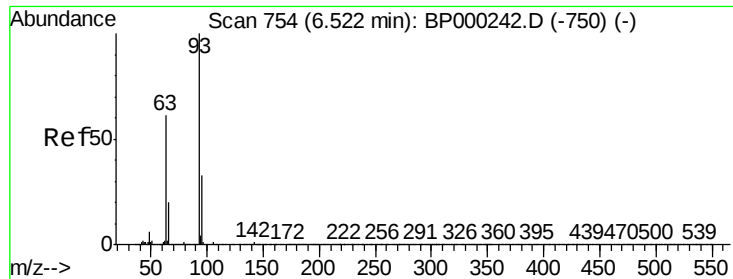


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

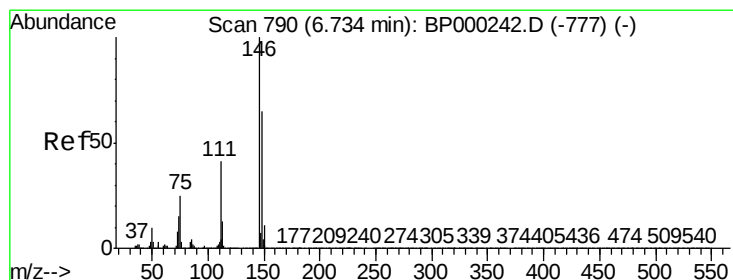
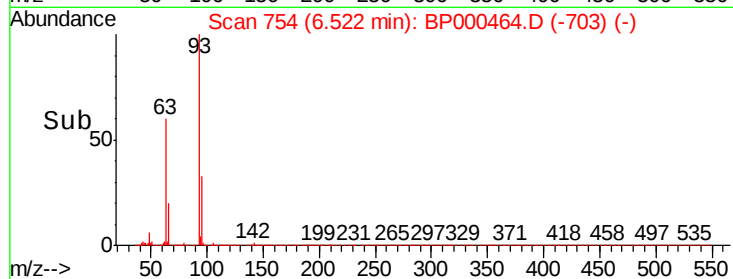
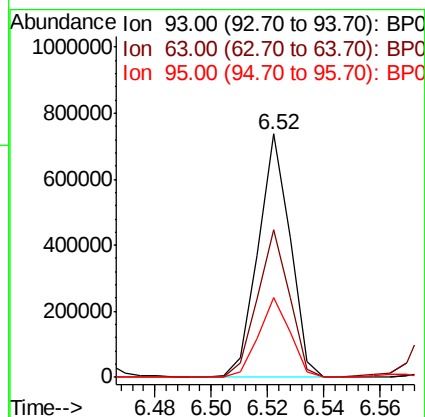
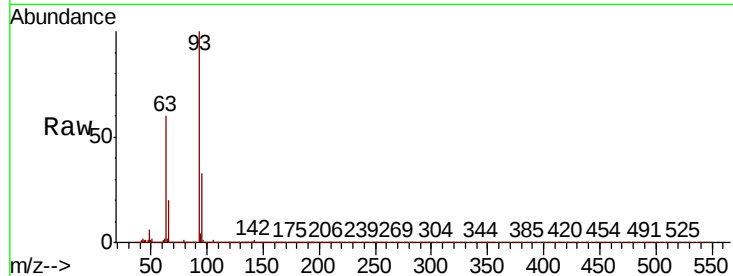




#11
bis(2-Chloroethyl)ether
Concen: 39.464 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

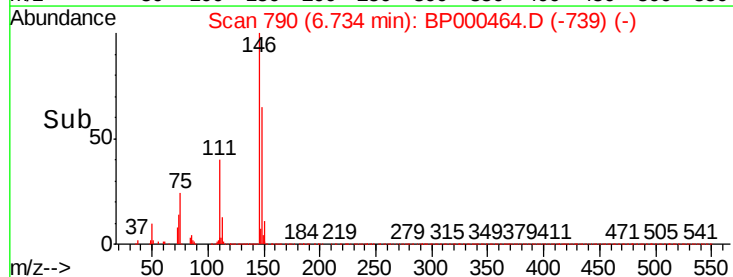
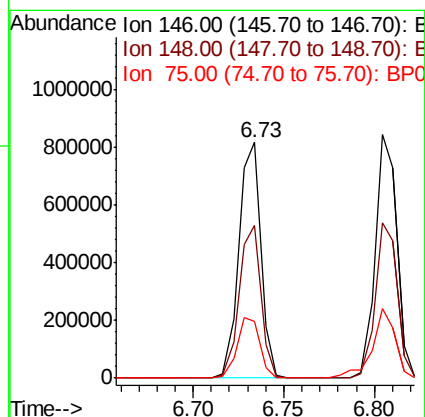
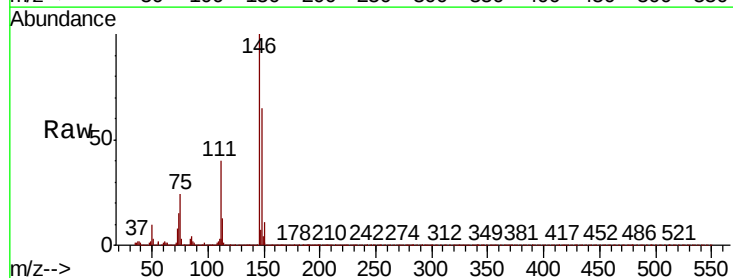
Instrument :
BNA_P
ClientSampleId :

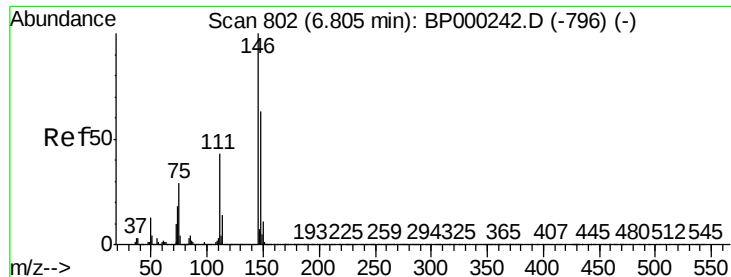
Tot Ion	Ratio	Lower	Upper
93	100		
63	60.5	41.0	81.0
95	32.9	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 38.691 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.1	78.1
75	24.1	20.2	30.4





#13

1,4-Dichlorobenzene

Concen: 39.403 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.00 min

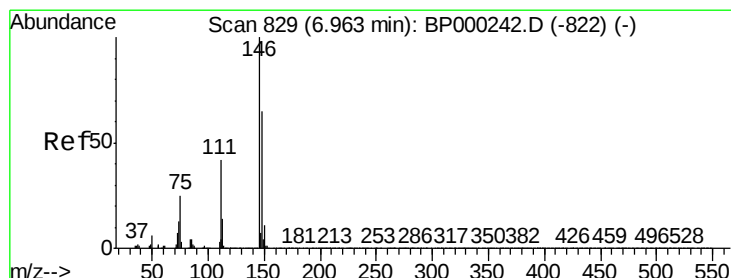
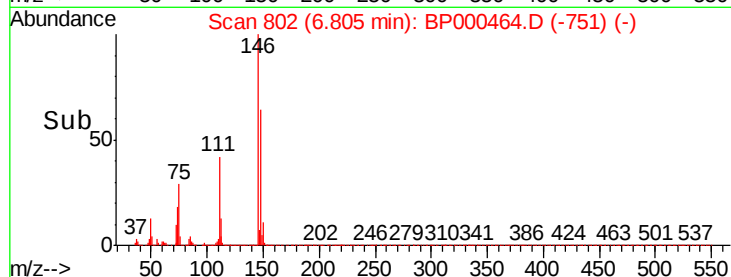
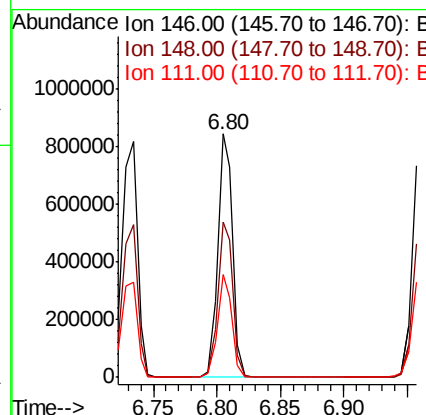
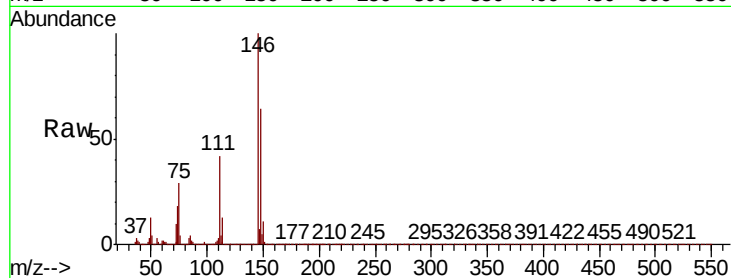
Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 698298

Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	42.0	34.1	51.1



#14

1,2-Dichlorobenzene

Concen: 39.942 ng

RT: 6.96 min Scan# 829

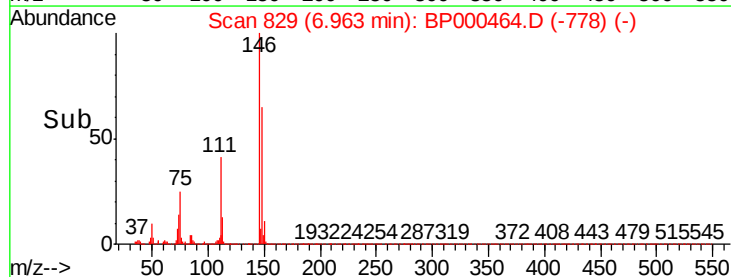
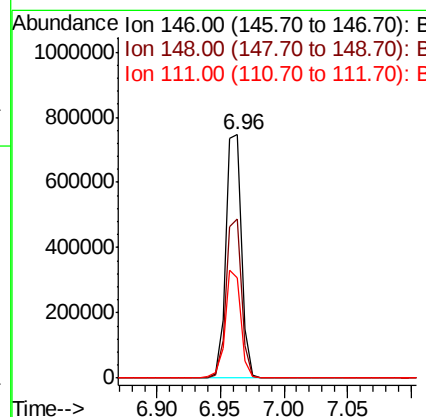
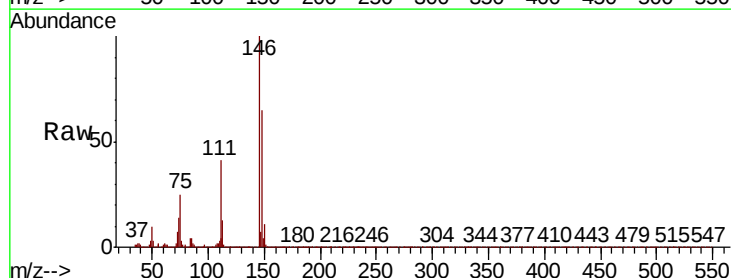
Delta R.T. -0.00 min

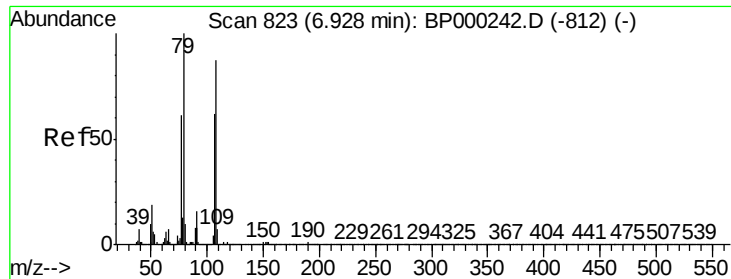
Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Tgt Ion:146 Resp: 648427

Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.7	77.5
111	41.1	33.4	50.2





#15

Benzyl Alcohol

Concen: 40.833 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Instrument :

BNA_P

ClientSampleId :

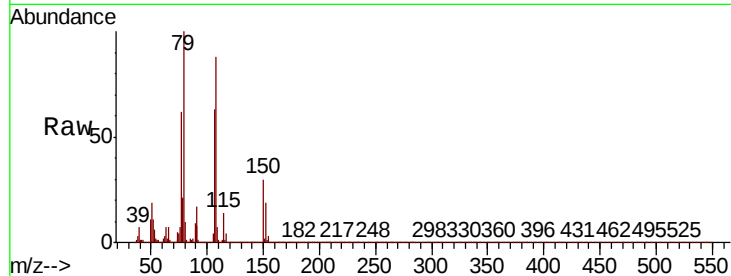
Tot Ion: 79 Resp: 502089

Ion Ratio Lower Upper

79 100

108 87.6 69.2 103.8

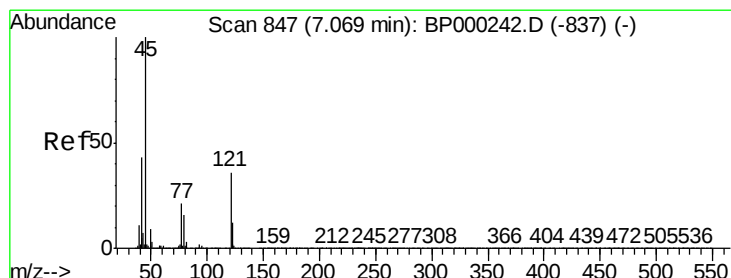
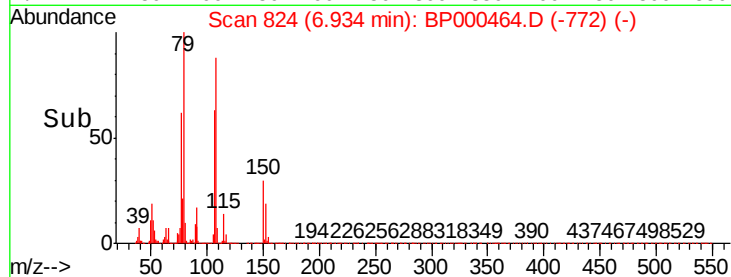
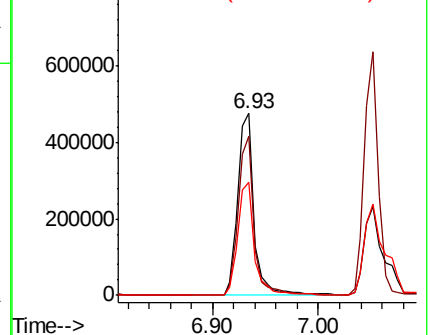
77 62.4 48.7 73.1



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.997 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

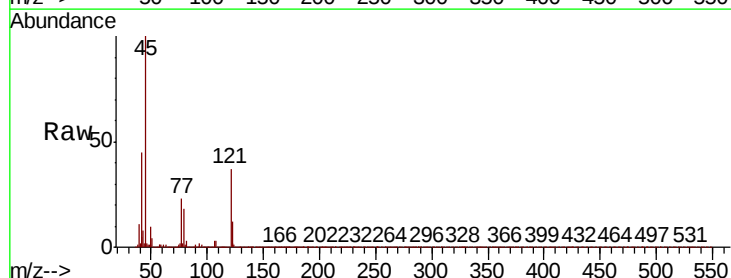
Tgt Ion: 45 Resp: 515646

Ion Ratio Lower Upper

45 100

77 22.5 0.7 40.7

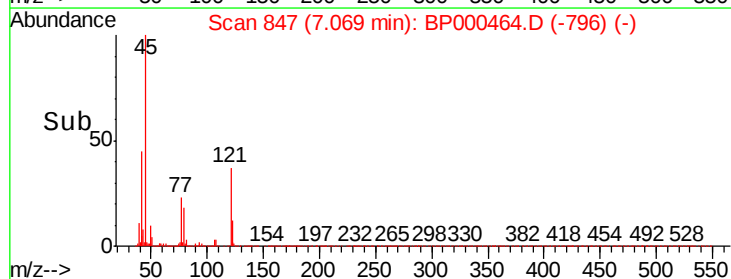
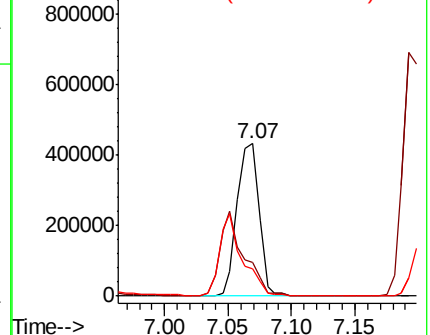
79 17.8 0.0 36.4

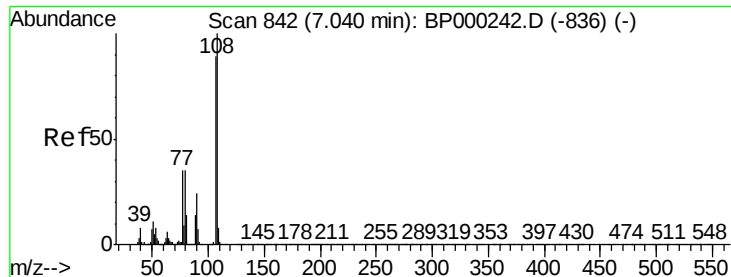


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0





#17

2-Methylphenol

Concen: 40.650 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BP000464.D

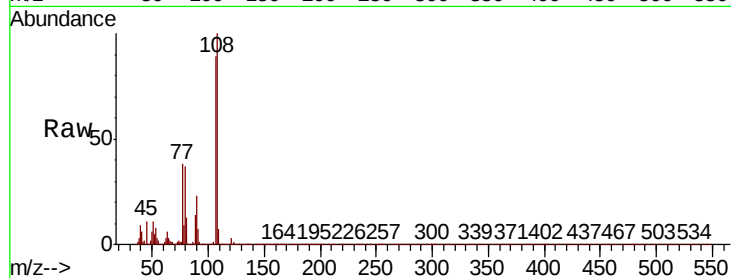
Acq: 27 Sep 2019 16:19

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	107	Resp:	516787
Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.1	135.1
77	42.2	31.5	47.3
79	41.1	32.2	48.2



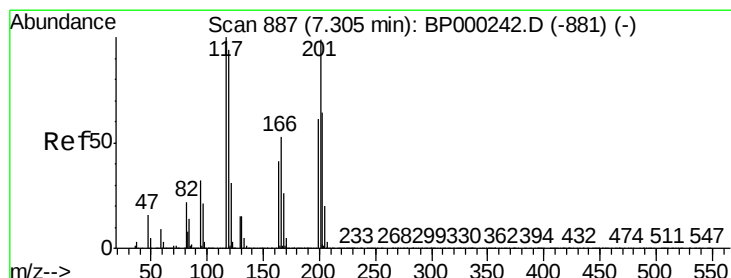
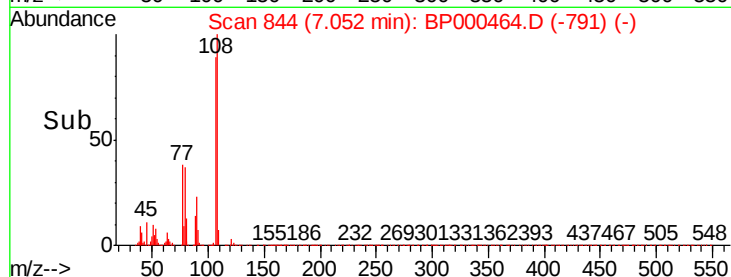
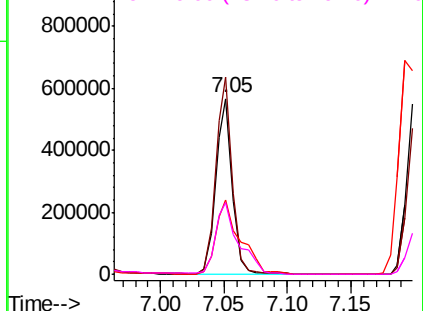
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 37.617 ng

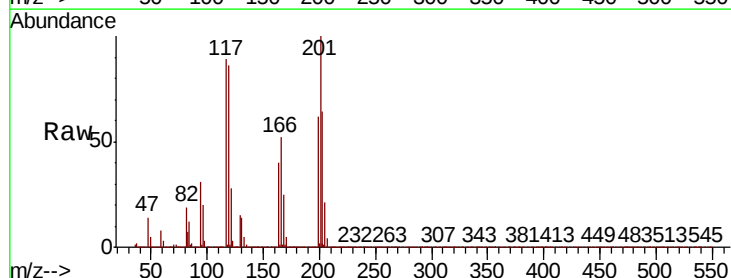
RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Tgt Ion:	117	Resp:	246703
Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.6	113.4
201	112.6	79.4	119.2

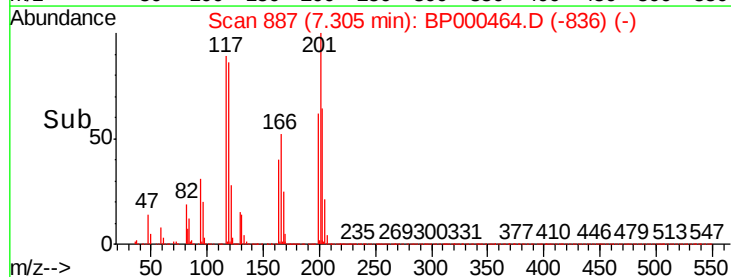
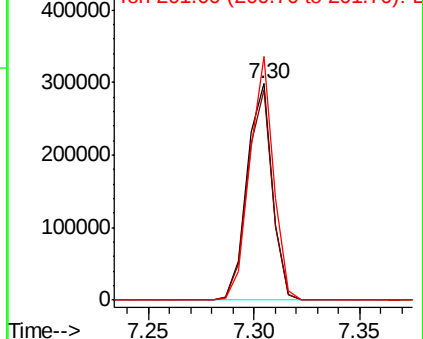


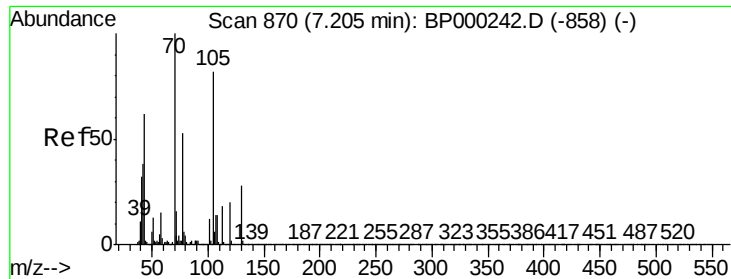
Abundance

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

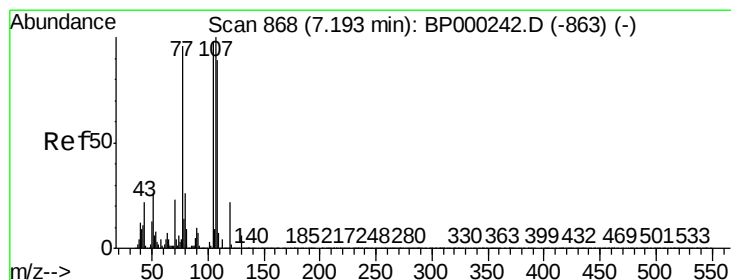
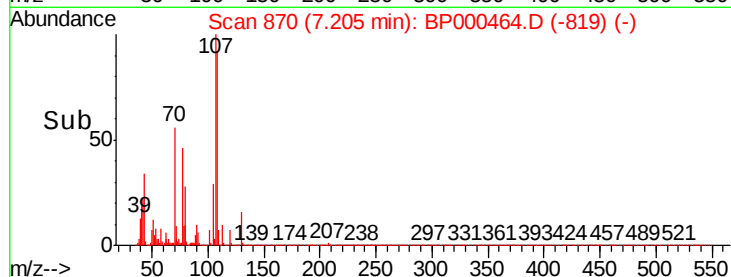
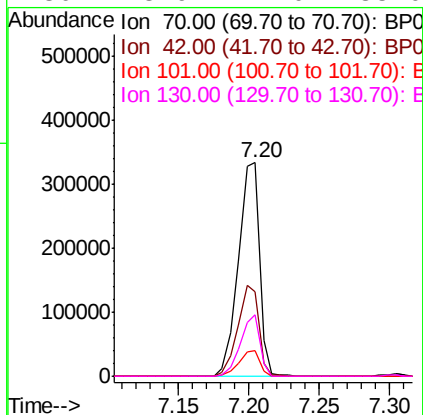
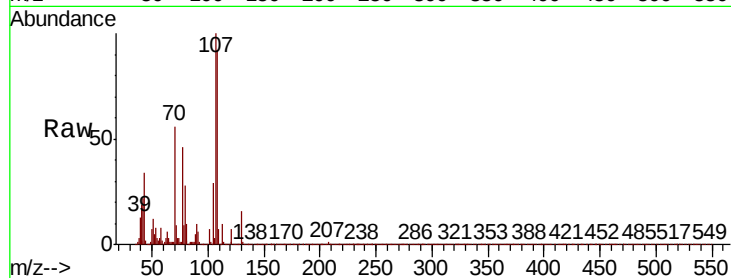




#19
n-Nitroso-di-n-propylamine
Concen: 38.956 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

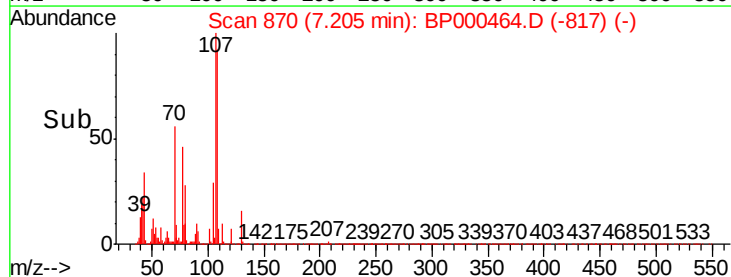
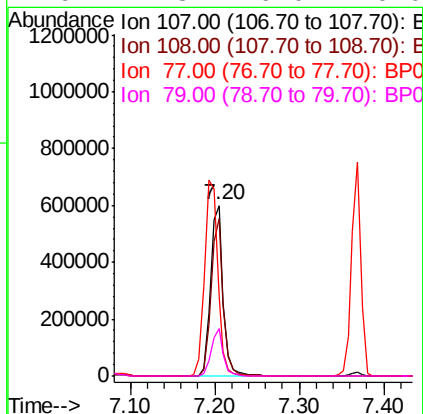
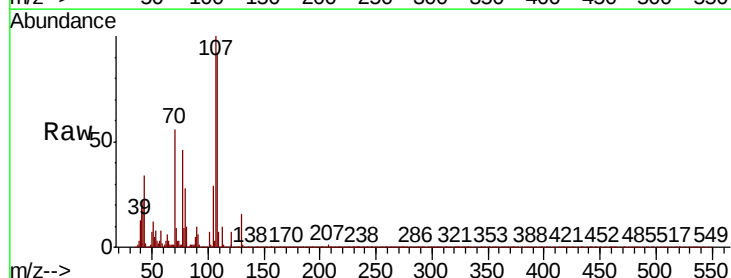
Instrument :
BNA_P
ClientSampled :

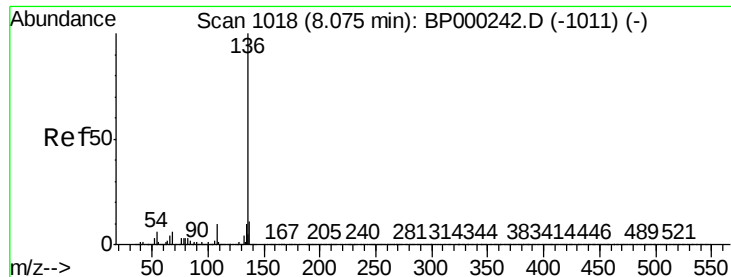
Tot Ion:	70	Resp:	348012
Ion	Ratio	Lower	Upper
70	100		
42	39.8	30.7	46.1
101	12.3	9.6	14.4
130	28.9	22.0	33.0



#20
3+4-Methylphenols
Concen: 41.067 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:	107	Resp:	631332
Ion	Ratio	Lower	Upper
107	100		
108	92.1	68.8	108.8
77	46.2	75.7	115.7#
79	27.8	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: BP000464.D

Acq: 27 Sep 2019 16:19

Instrument :

BNA_P

ClientSampled :

Tot Ion:136 Resp: 864842

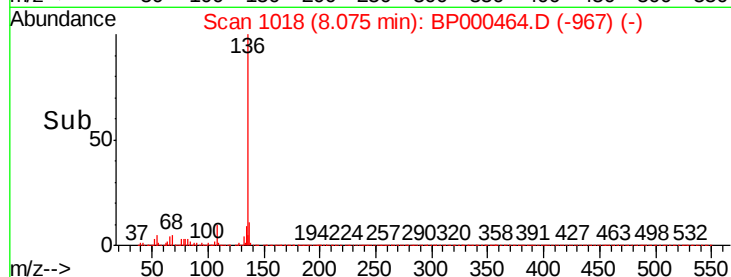
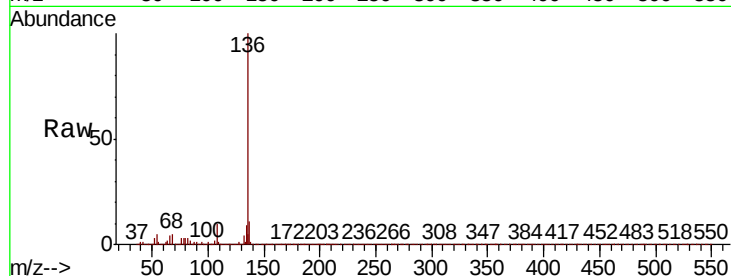
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.3 4.5 6.7

68 5.0 4.5 6.7

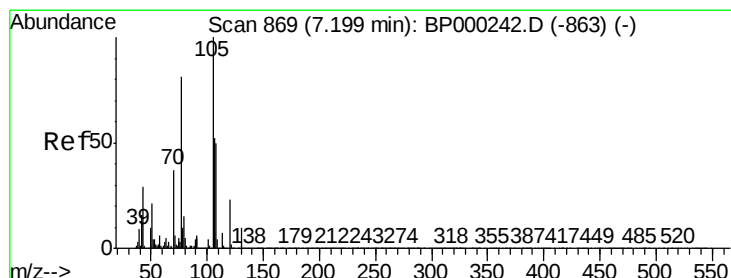
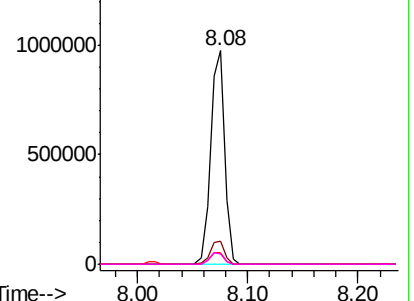


Abundance Ion 136.00 (135.70 to 136.70): E

1500000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 44.775 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Tgt Ion:105 Resp: 839177

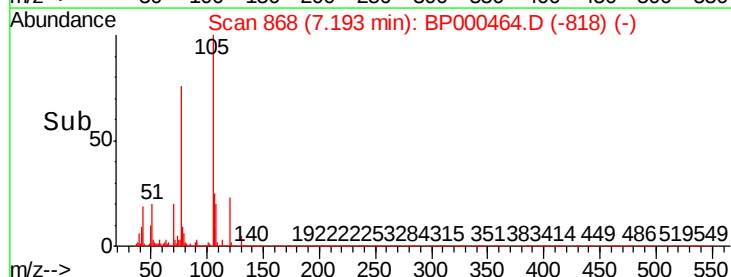
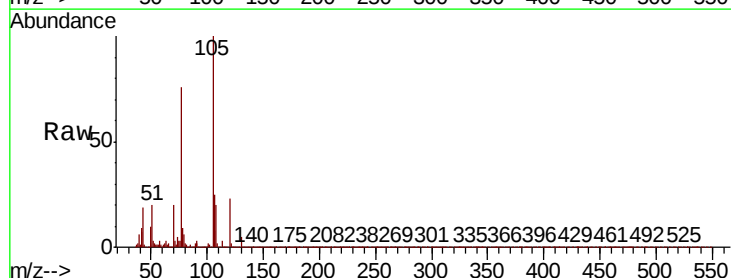
Ion Ratio Lower Upper

105 100

71 3.3 5.2 7.8#

51 20.4 16.6 24.8

120 22.5 18.5 27.7

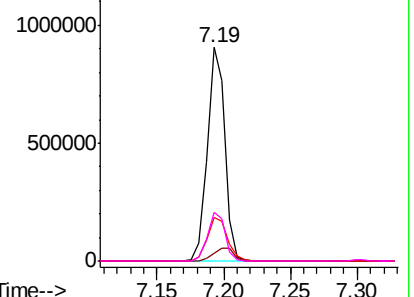


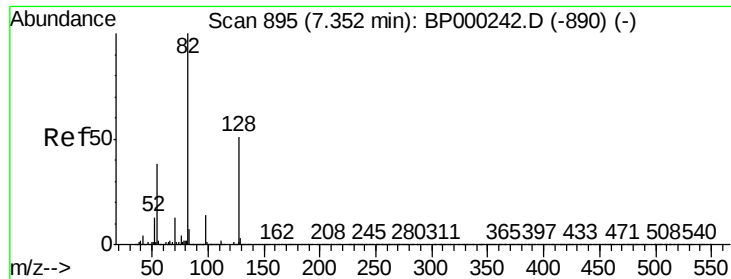
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

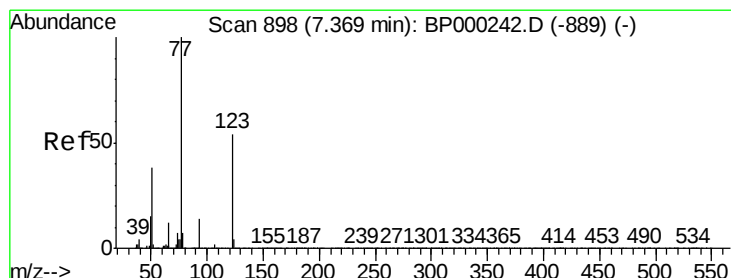
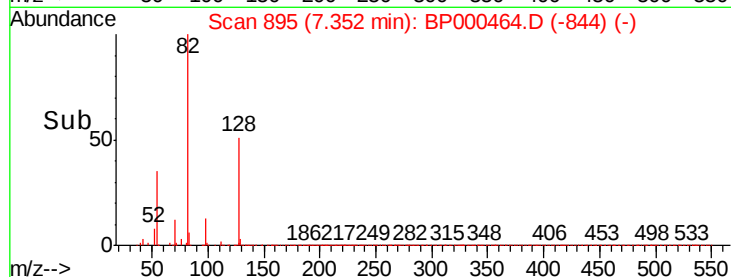
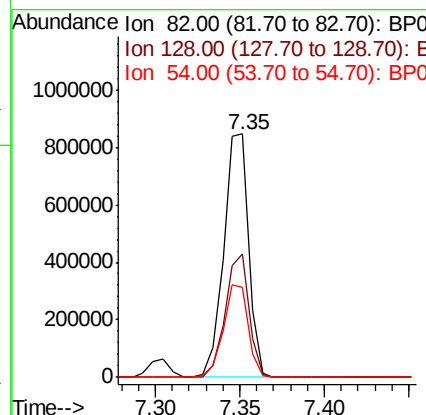
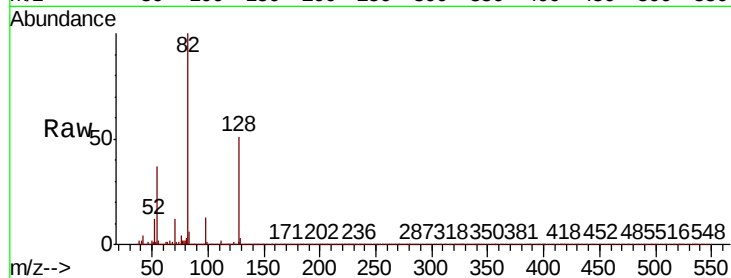




#23
 Nitrobenzene-d5
 Concen: 64.669 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000464.D
 Acq: 27 Sep 2019 16:19

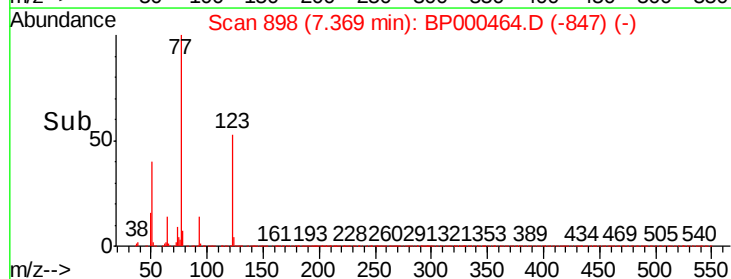
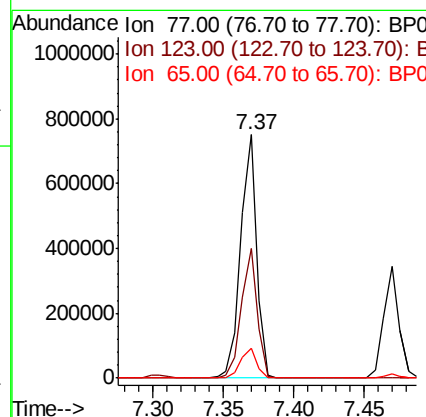
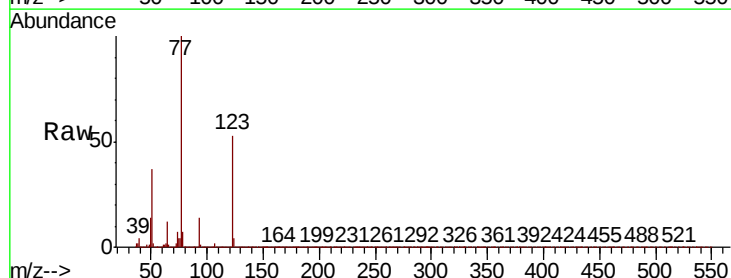
Instrument :
 BNA_P
 ClientSampleId :

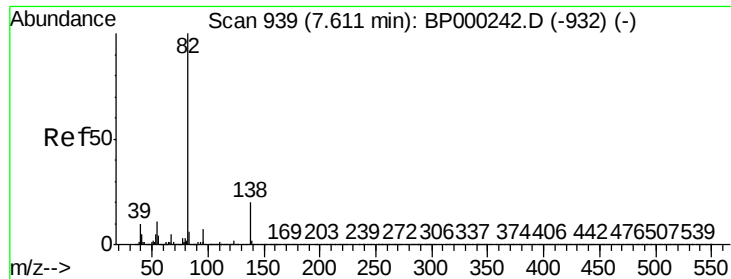
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.7	40.7	61.1
54	36.8	30.1	45.1



#24
 Nitrobenzene
 Concen: 42.490 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BP000464.D
 Acq: 27 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.1	43.1	64.7
65	12.1	9.4	14.2





#25

Isophorone

Concen: 41.349 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Instrument :

BNA_P

ClientSampleId :

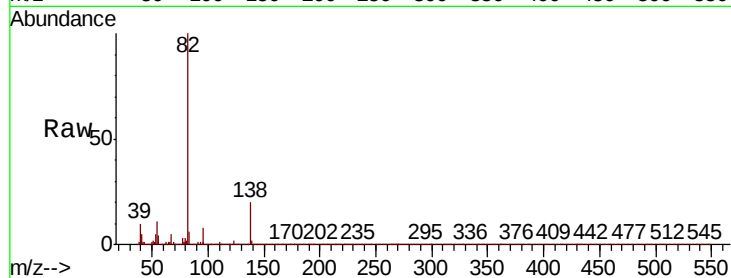
Tot Ion: 82 Resp: 1097500

Ion Ratio Lower Upper

82 100

95 7.6 5.9 8.9

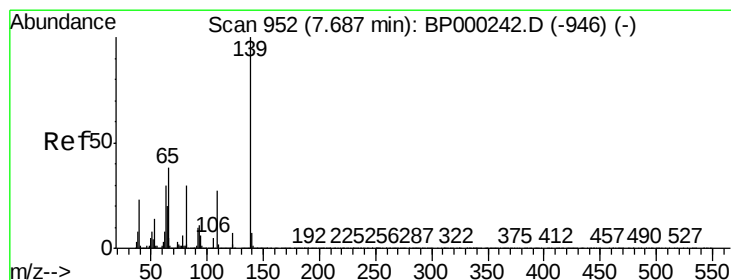
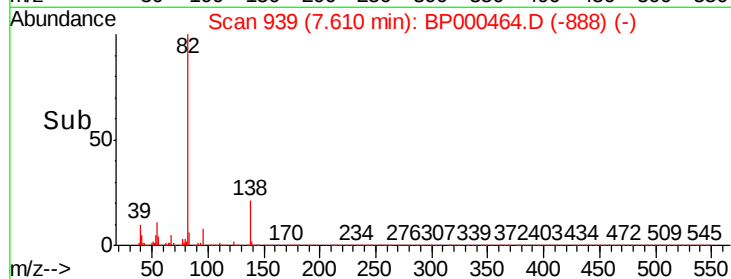
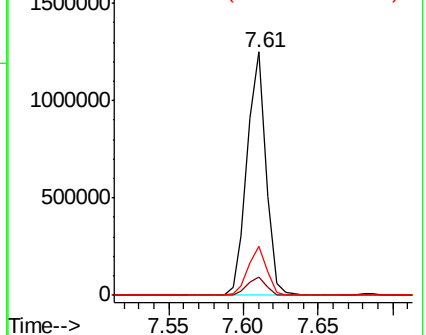
138 20.2 15.9 23.9



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 42.450 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

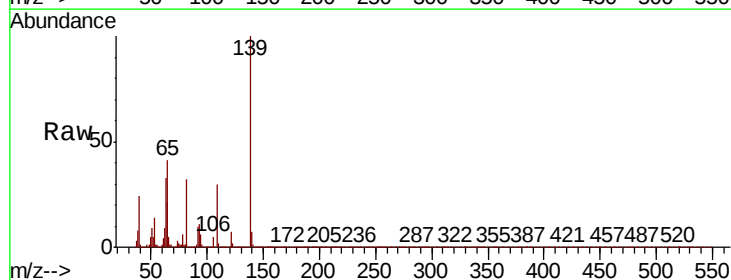
Tgt Ion: 139 Resp: 313327

Ion Ratio Lower Upper

139 100

109 29.6 21.8 32.6

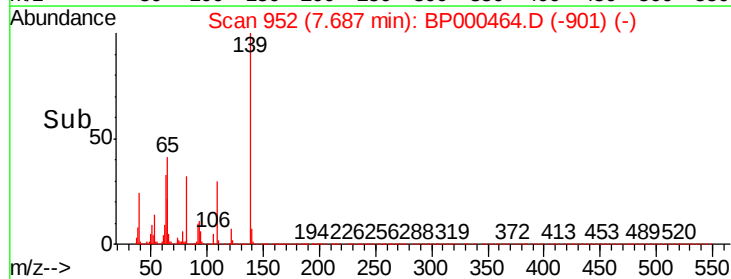
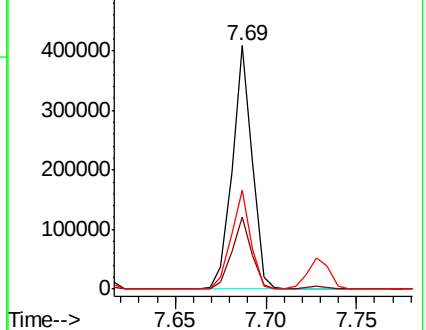
65 40.8 30.5 45.7

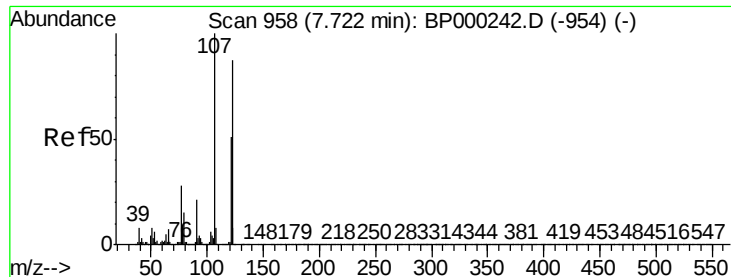


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

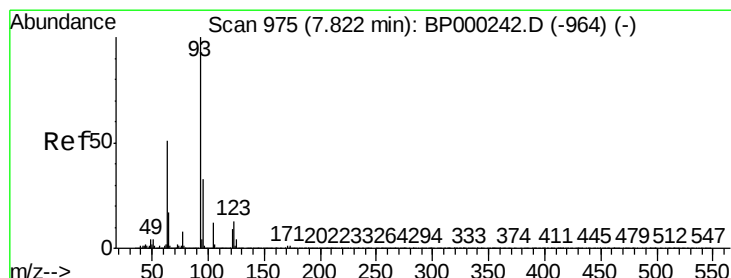
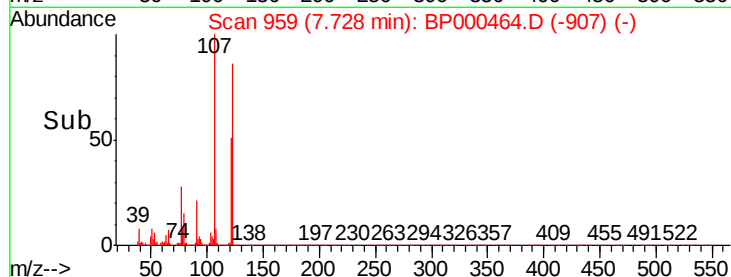
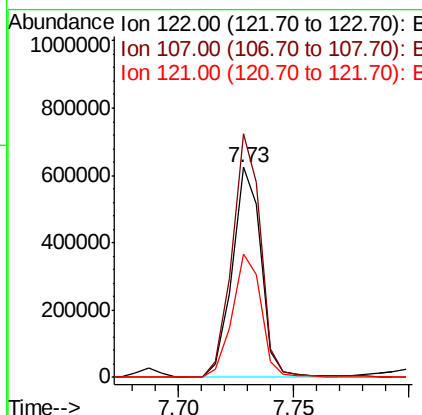
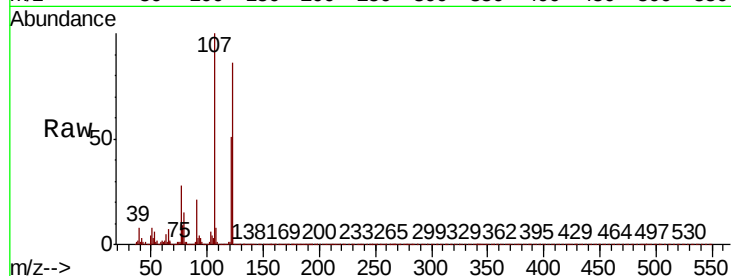




#27
2,4-Dimethylphenol
Concen: 46.207 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

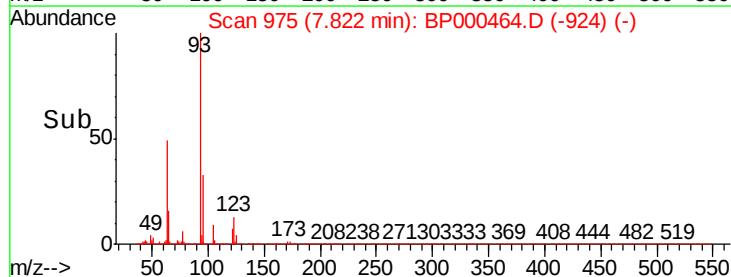
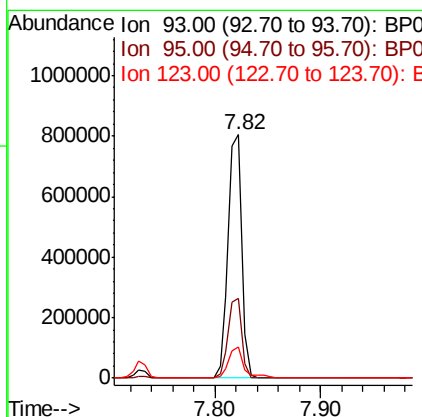
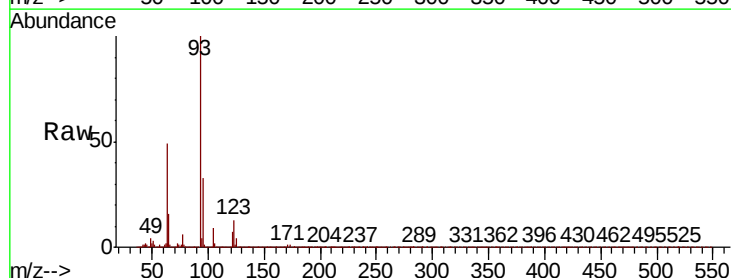
Instrument :
BNA_P
ClientSampled :

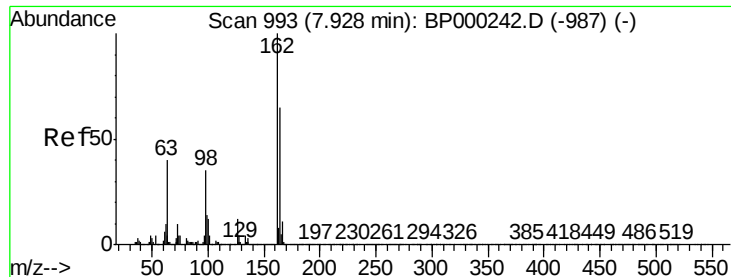
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	91.5	137.3
121	58.8	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.851 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	12.8	10.2	15.2

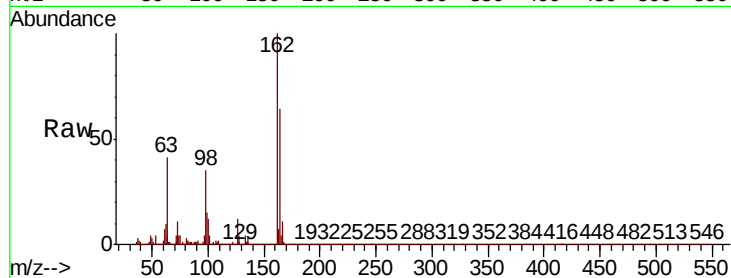




#29
2,4-Dichlorophenol
Concen: 43.645 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.5	84.5
98	34.6	15.2	55.2

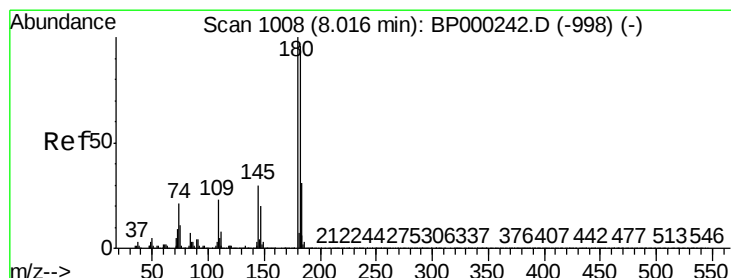
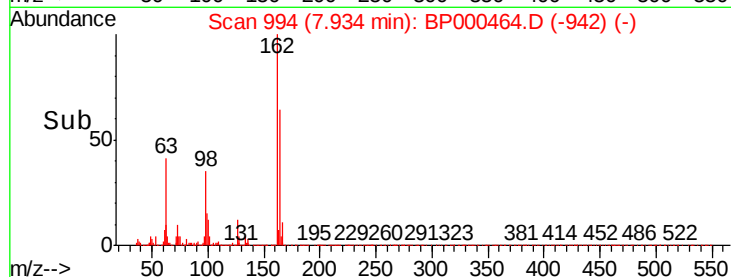
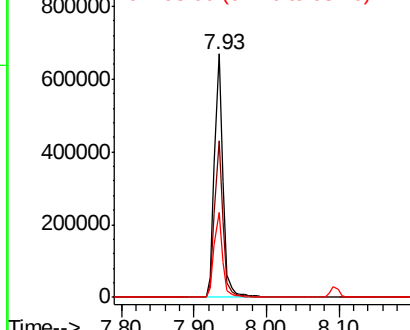


Abundance

Ion 162.00 (161.70 to 162.70): E

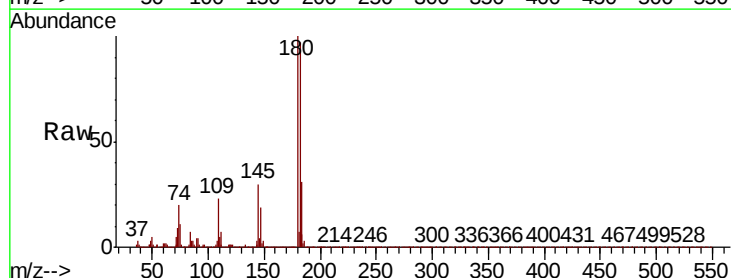
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30
1,2,4-Trichlorobenzene
Concen: 41.467 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.2	115.8
145	29.5	24.3	36.5

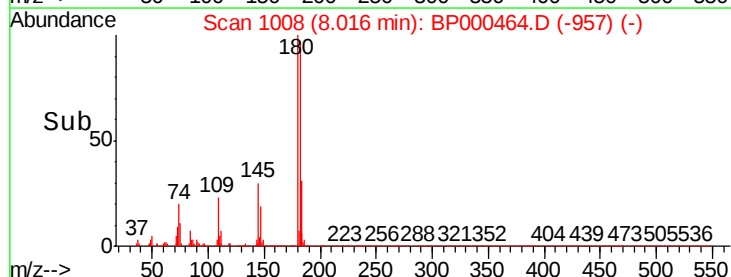
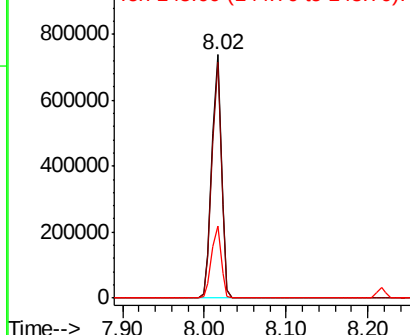


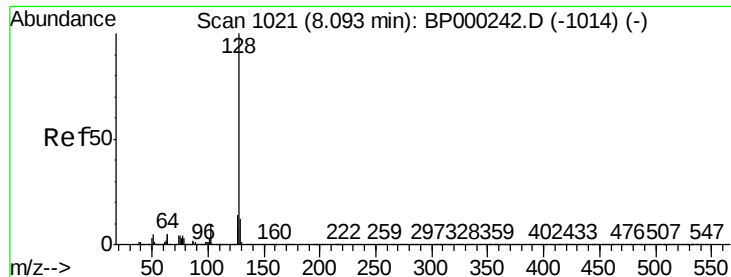
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

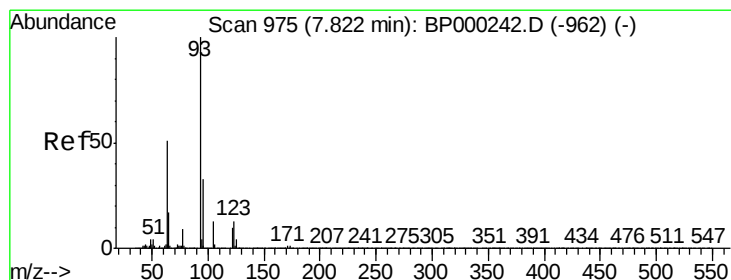
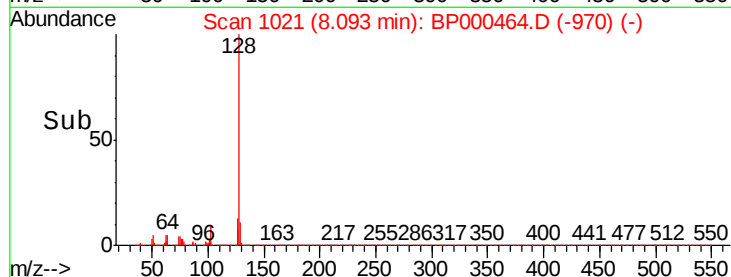
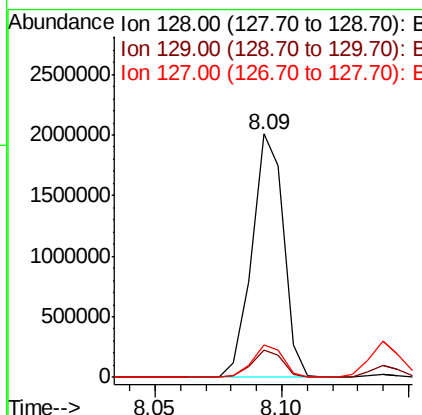
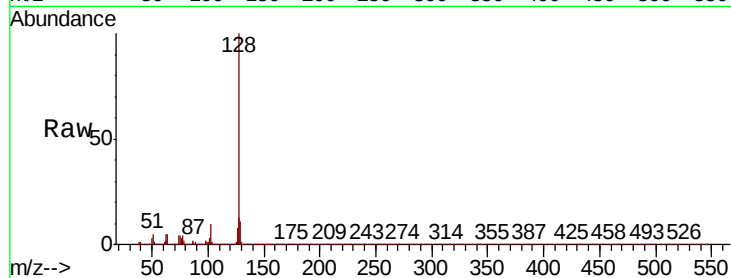




#31
Naphthalene
Concen: 43.662 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

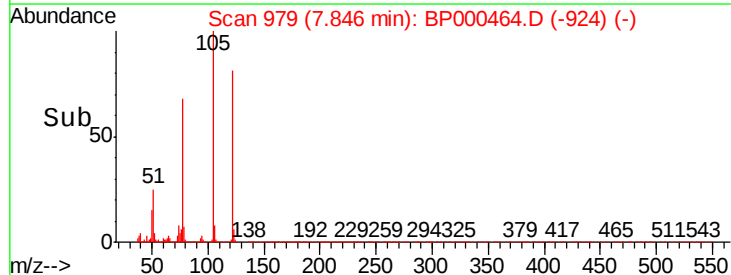
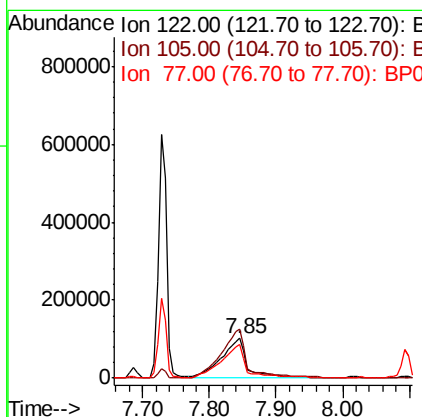
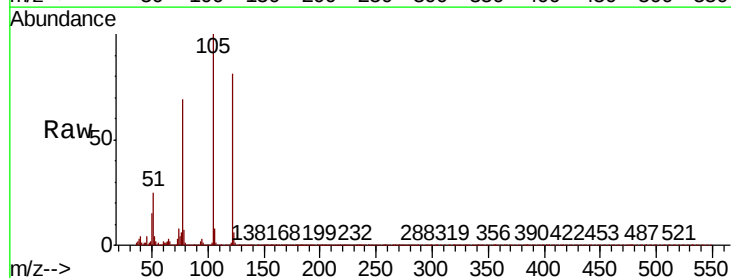
Instrument :
BNA_P
ClientSampled :

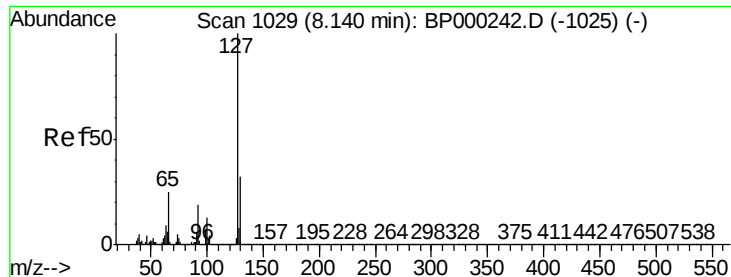
Tot Ion:128 Resp: 1748837
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 13.5 11.0 16.6



#32
Benzoic acid
Concen: 33.839 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.02 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:122 Resp: 268628
Ion Ratio Lower Upper
122 100
105 122.8 105.4 145.4
77 84.7 65.3 105.3

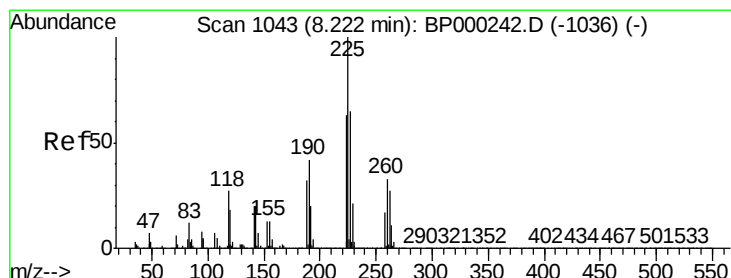
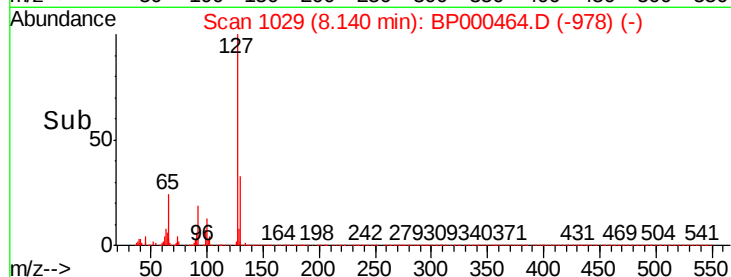
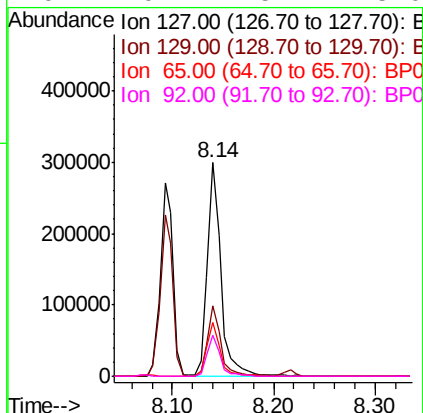
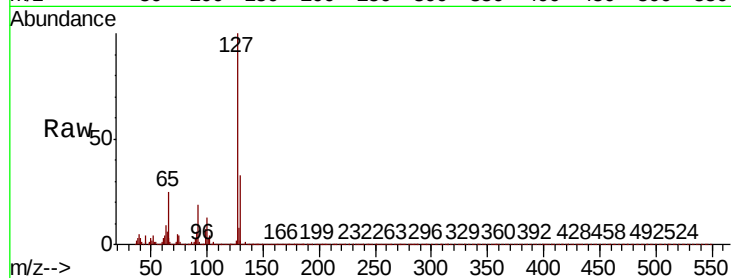




#33
4-Chloroaniline
Concen: 15.328 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

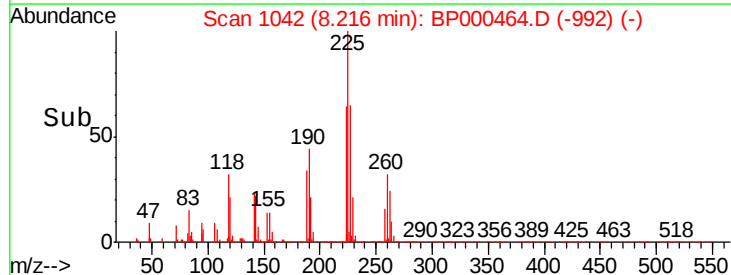
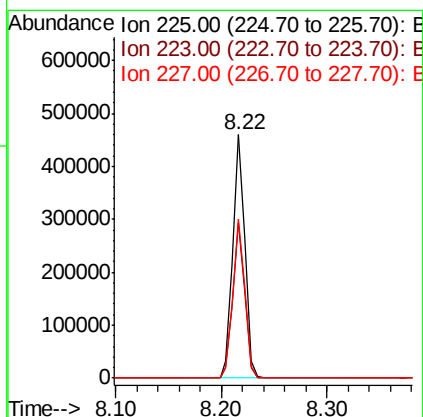
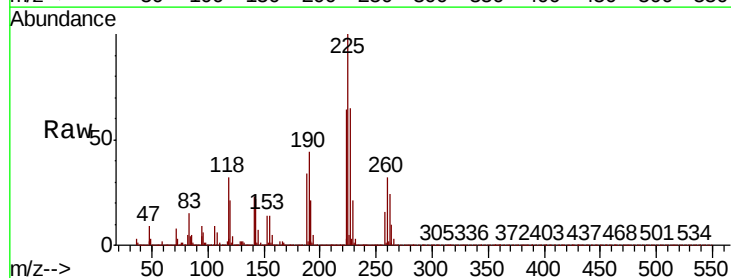
Instrument :
BNA_P
ClientSampled :

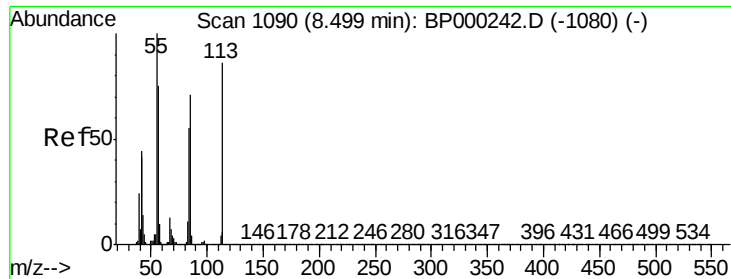
Tot Ion:127	Resp:	277857
Ion	Ratio	Lower Upper
127	100	
129	32.7	25.7 38.5
65	25.1	19.9 29.9
92	19.1	15.4 23.0



#34
Hexachlorobutadiene
Concen: 41.571 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:225	Resp:	355758
Ion	Ratio	Lower Upper
225	100	
223	63.9	50.2 75.2
227	65.3	51.8 77.6

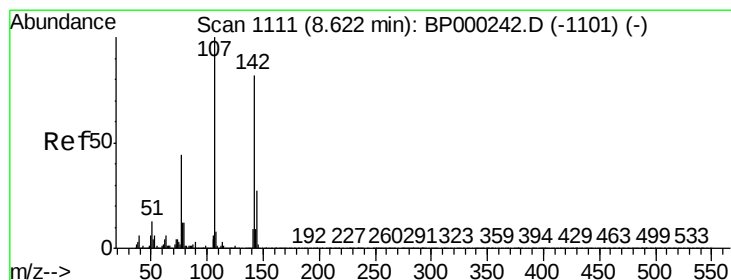
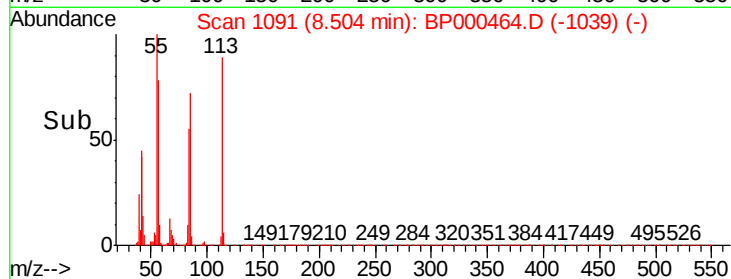
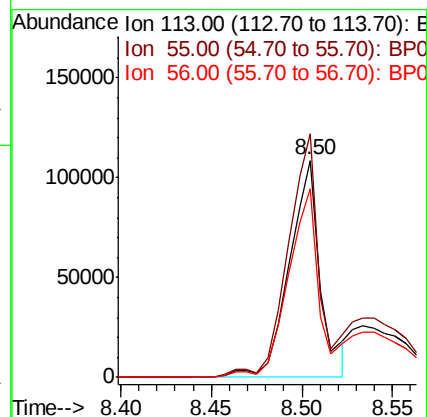
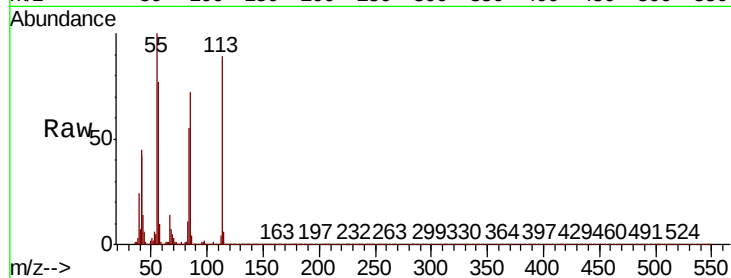




#35
Caprolactam
Concen: 30.176 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

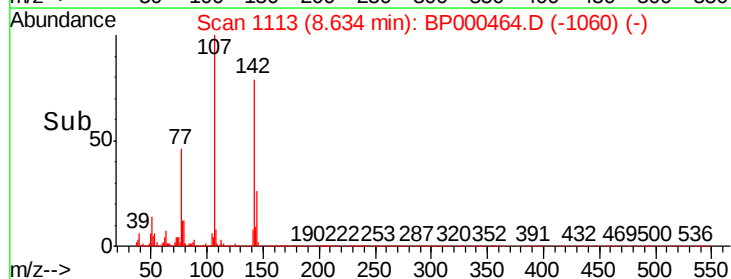
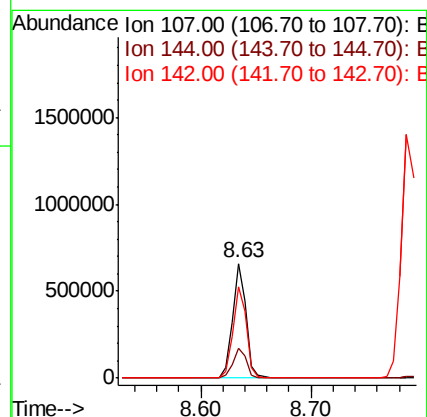
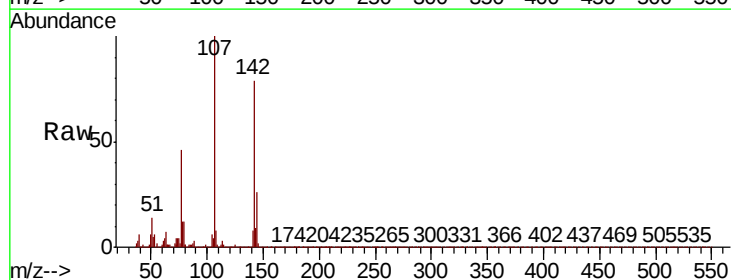
Instrument :
BNA_P
ClientSampleId :

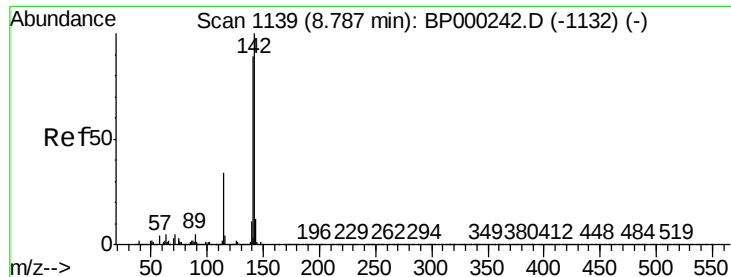
Tot Ion:113 Resp: 129349
Ion Ratio Lower Upper
113 100
55 112.3 96.8 136.8
56 87.1 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 43.826 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:107 Resp: 560615
Ion Ratio Lower Upper
107 100
144 25.5 21.5 32.3
142 79.2 65.7 98.5

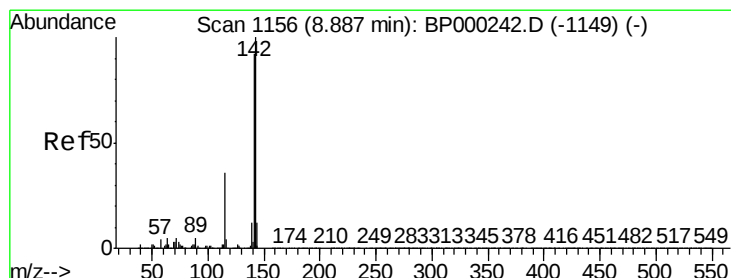
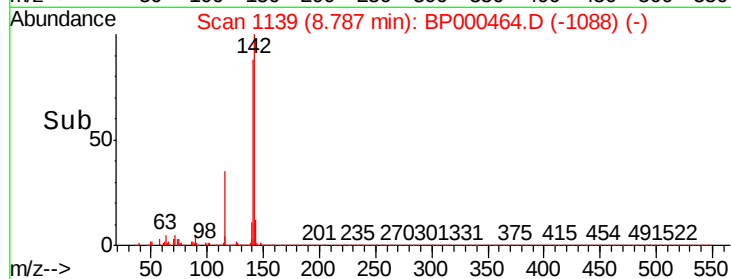
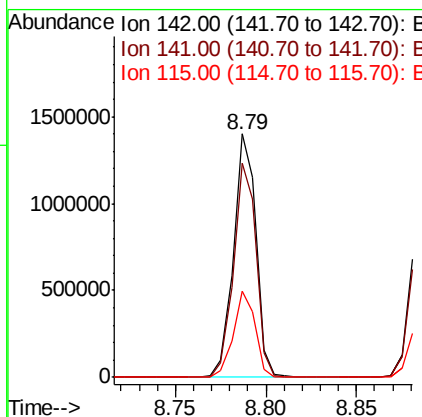
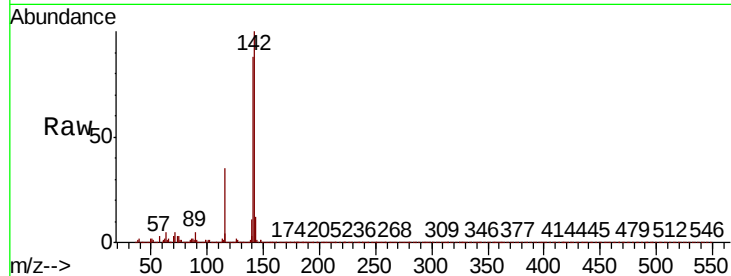




#37
2-Methylnaphthalene
Concen: 44.178 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

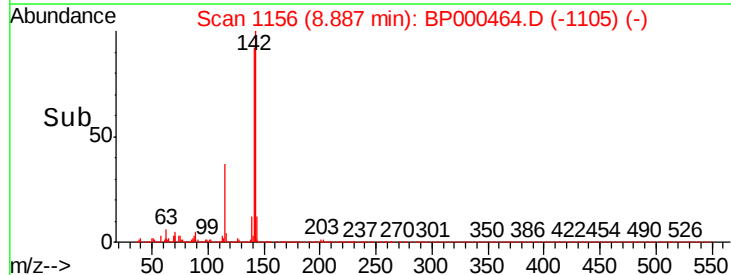
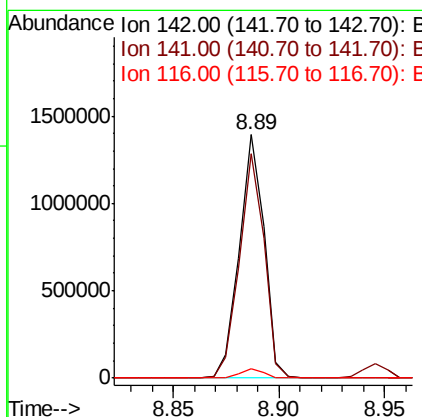
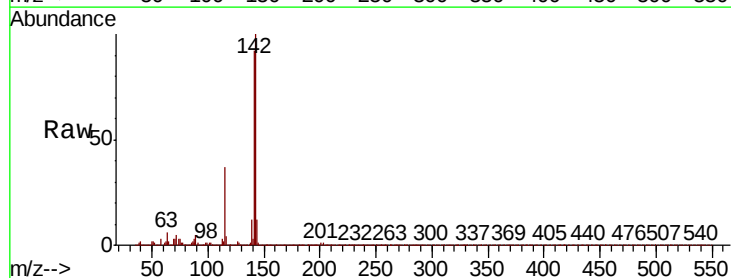
Instrument :
BNA_P
ClientSampleId :

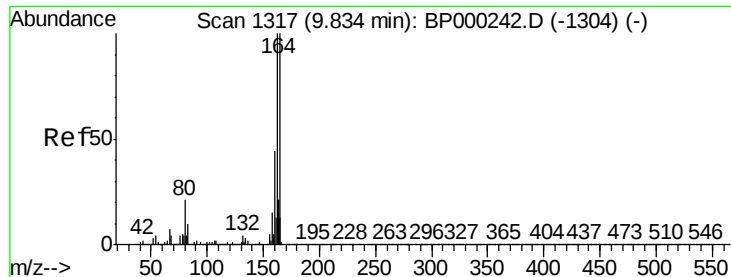
Tot Ion:142 Resp: 1209624
Ion Ratio Lower Upper
142 100
141 88.2 71.3 106.9
115 35.5 27.2 40.8



#38
1-Methylnaphthalene
Concen: 43.720 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:142 Resp: 1121359
Ion Ratio Lower Upper
142 100
141 92.1 73.9 110.9
116 3.8 3.0 4.6

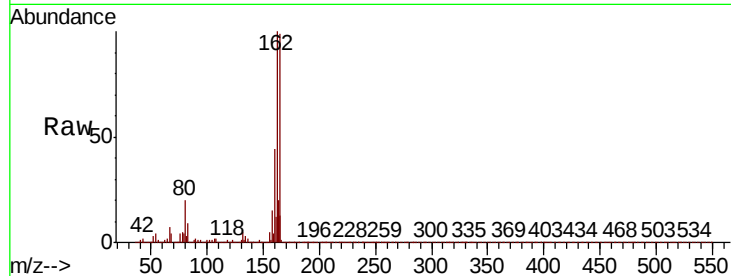




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	79.9	119.9
160	44.3	35.6	53.4

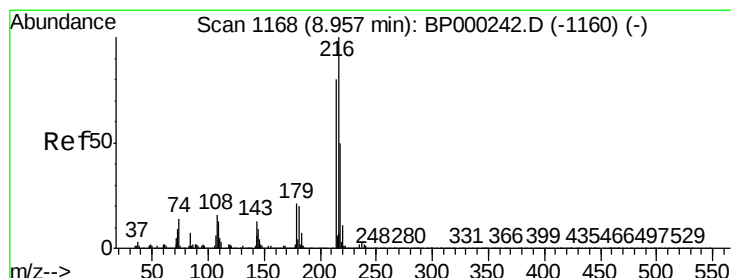
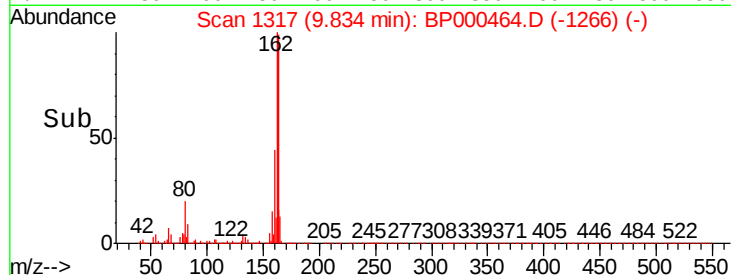
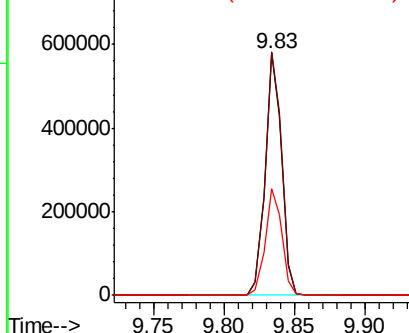


Abundance

Ion 164.00 (163.70 to 164.70): E

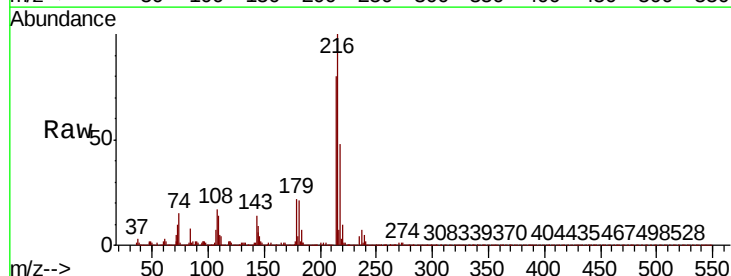
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.346 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.6	95.4
179	21.2	17.0	25.4
108	19.3	15.1	22.7



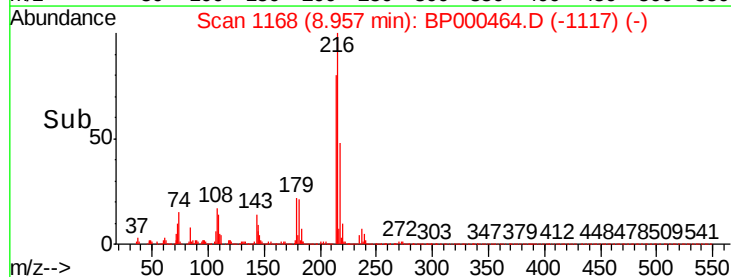
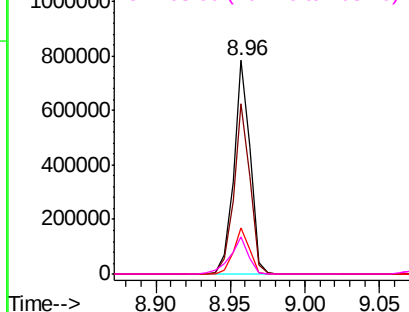
Abundance

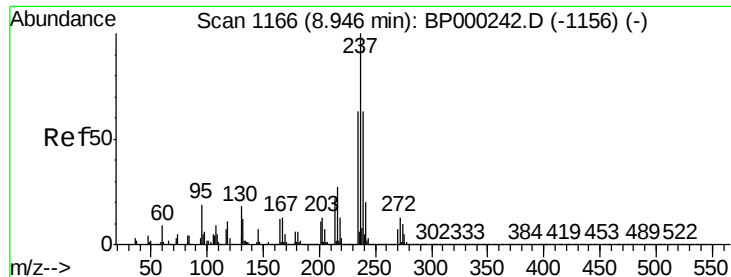
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 69.928 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

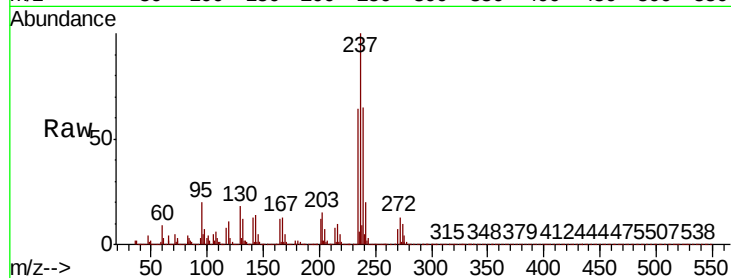
Instrument :

BNA_P

ClientSampleId :

Tot Ion:237 Resp: 547770

Ion	Ratio	Lower	Upper
237	100		
235	64.4	43.5	83.5
272	13.0	0.0	33.0

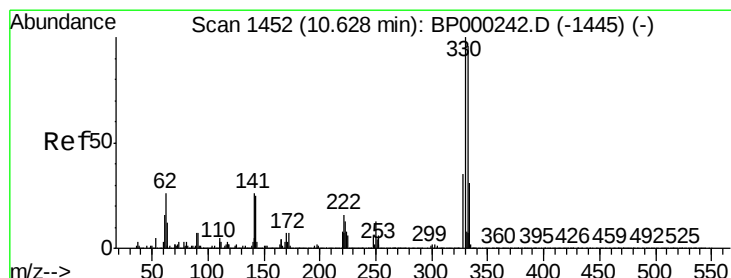
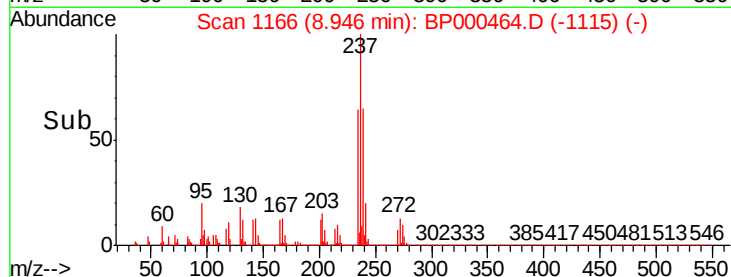
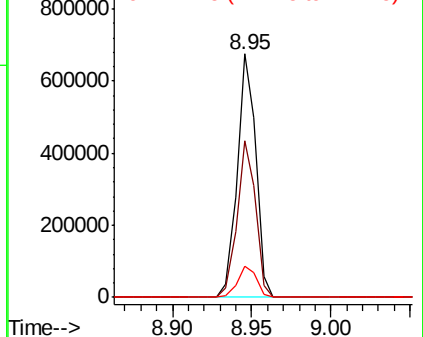


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 75.467 ng

RT: 10.63 min Scan# 1453

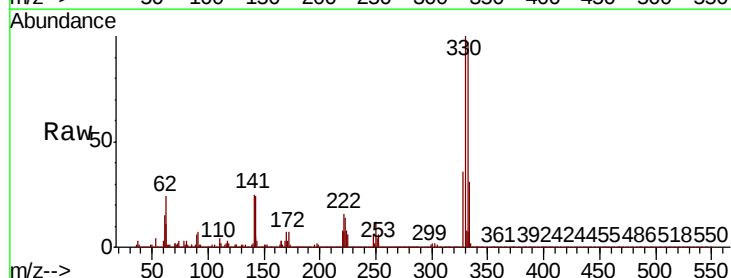
Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Tgt Ion:330 Resp: 357130

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	31.3	26.5	39.7

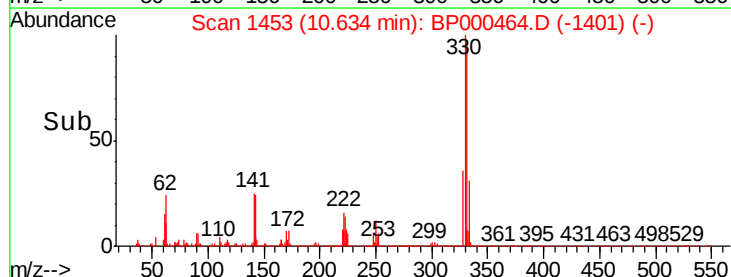
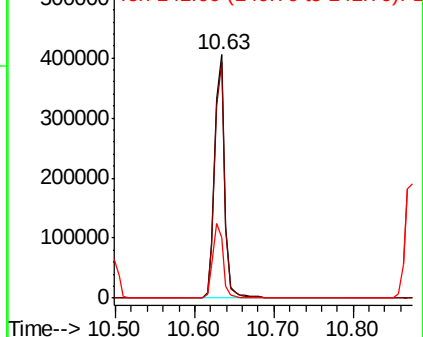


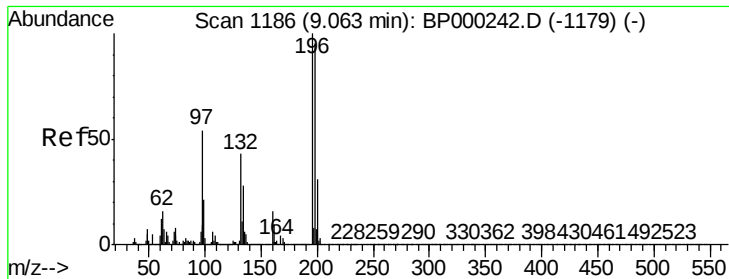
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

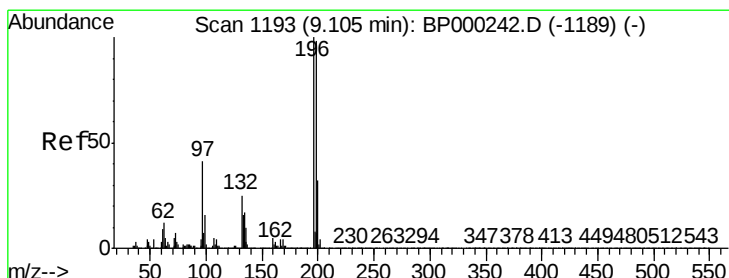
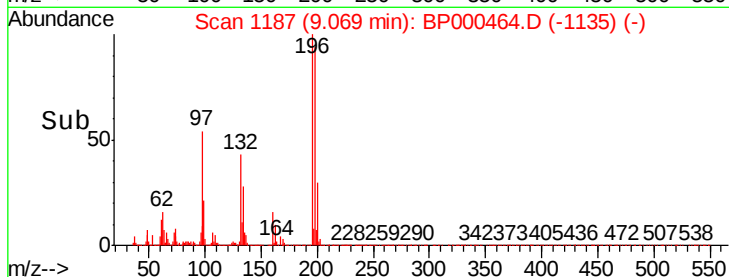
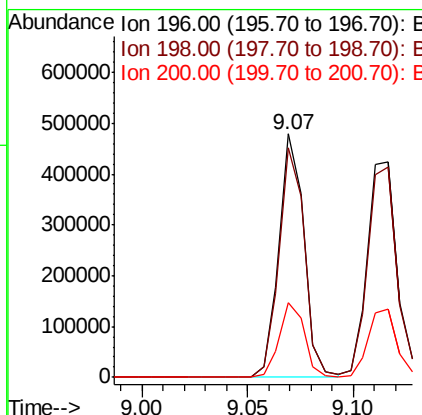
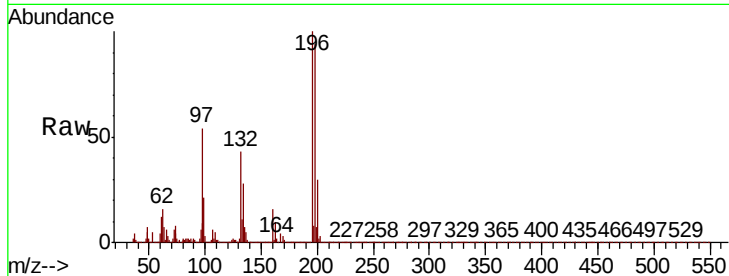




#43
2,4,6-Trichlorophenol
Concen: 41.953 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

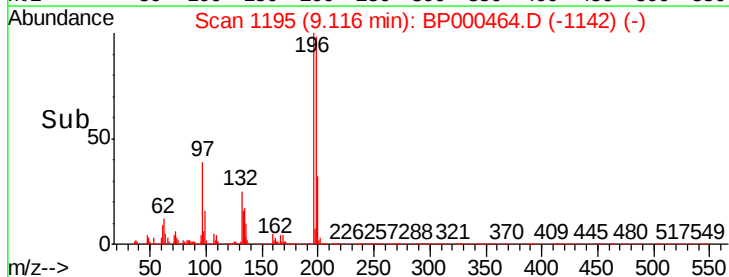
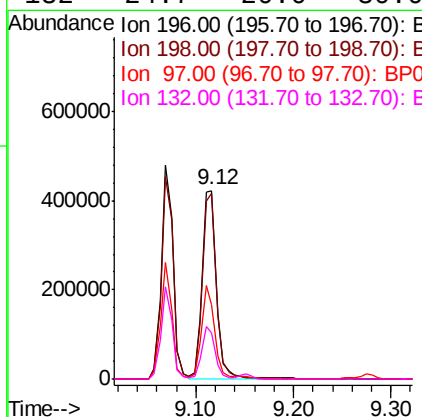
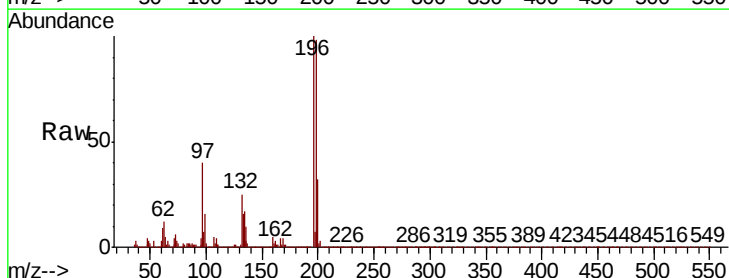
Instrument :
BNA_P
ClientSampleId :

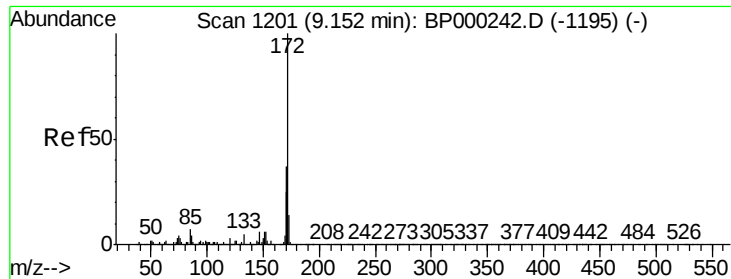
Tot Ion:196 Resp: 396001
Ion Ratio Lower Upper
196 100
198 94.4 76.0 114.0
200 30.4 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 44.413 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:196 Resp: 429269
Ion Ratio Lower Upper
196 100
198 98.0 78.1 117.1
97 39.5 33.3 49.9
132 24.7 20.0 30.0

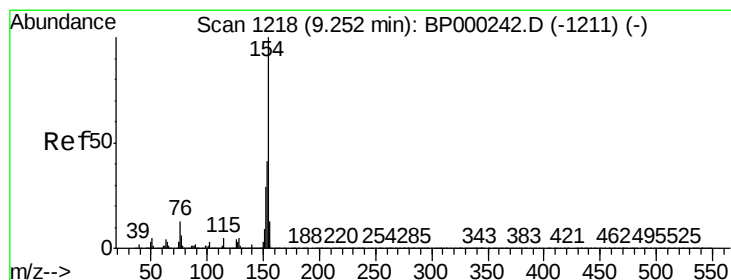
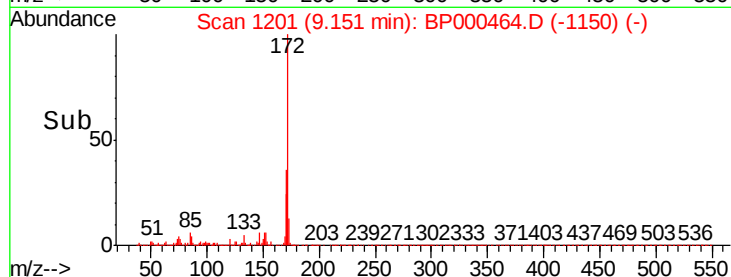
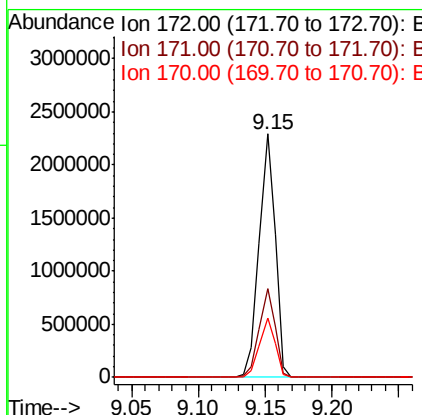
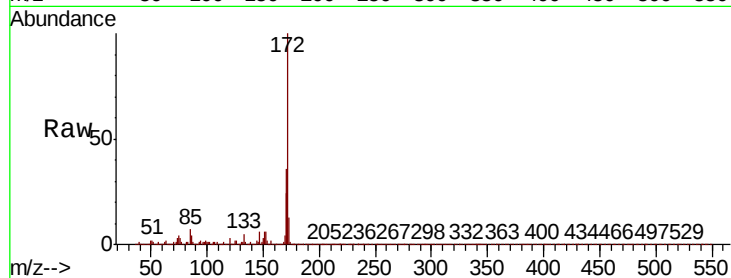




#45
2-Fluorobiphenyl
Concen: 70.866 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

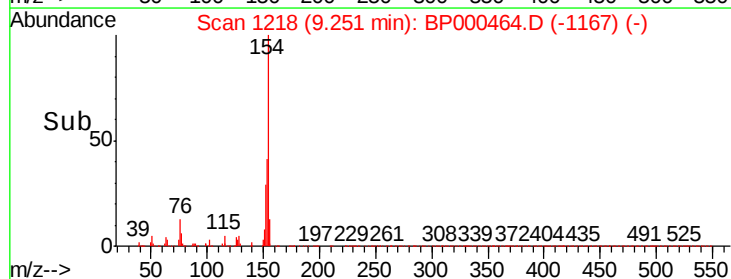
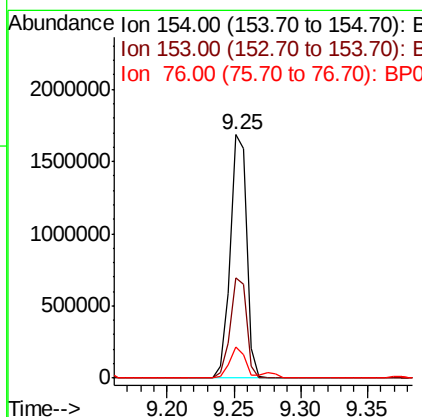
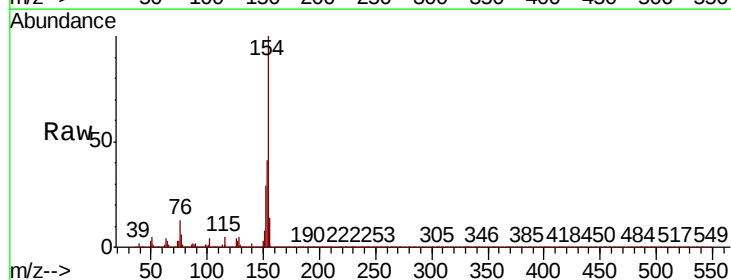
Instrument :
BNA_P
ClientSampleId :

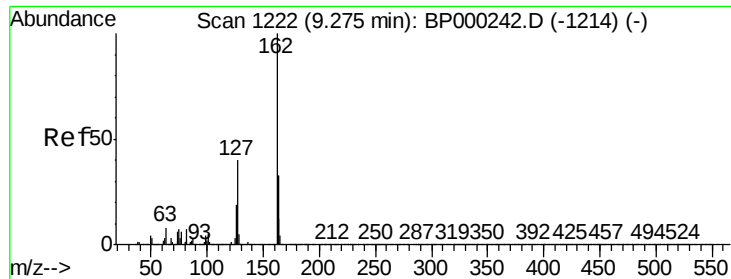
Tot Ion:172 Resp: 1878567
Ion Ratio Lower Upper
172 100
171 36.3 29.8 44.6
170 24.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 44.665 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:154 Resp: 1474183
Ion Ratio Lower Upper
154 100
153 41.3 21.4 61.4
76 12.8 0.0 33.4

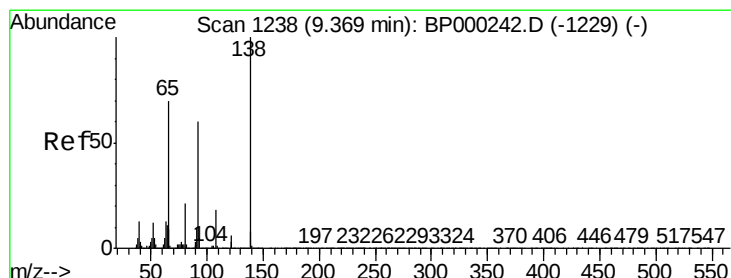
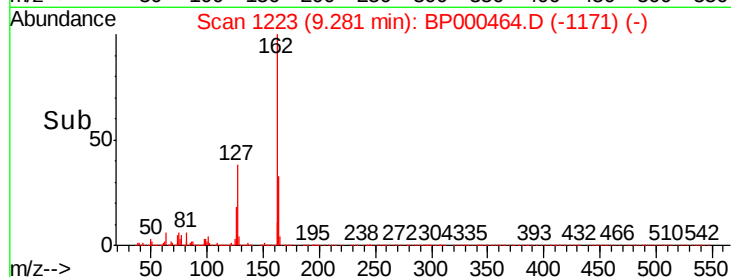
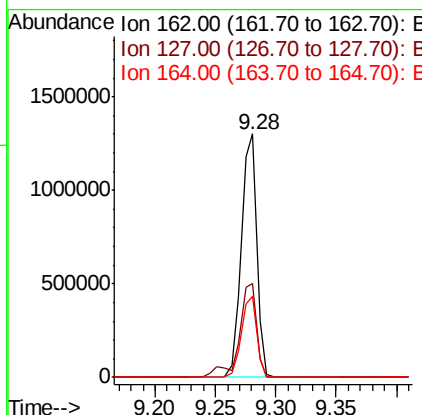
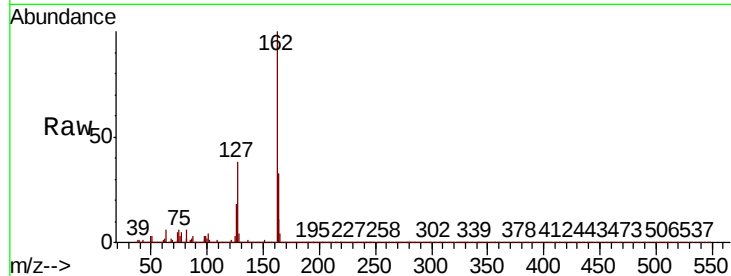




#47
2-Chloronaphthalene
Concen: 42.133 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

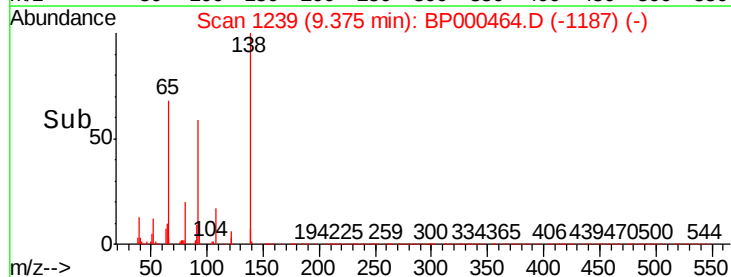
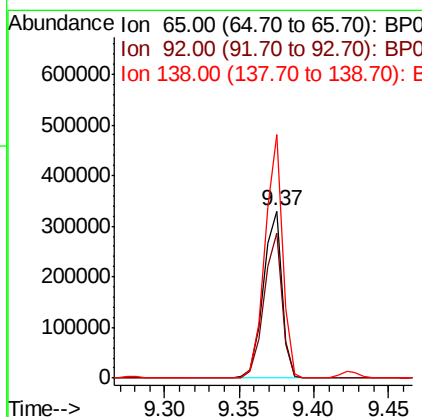
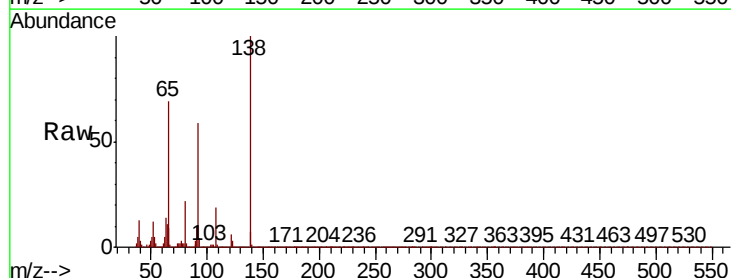
Instrument :
BNA_P
ClientSampleId :

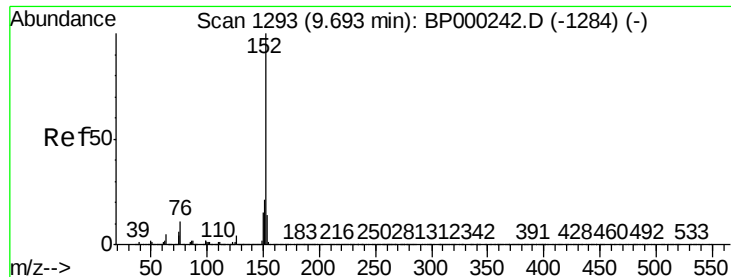
Tot Ion: 162 Resp: 1166539
Ion Ratio Lower Upper
162 100
127 38.4 32.4 48.6
164 33.4 26.3 39.5



#48
2-Nitroaniline
Concen: 40.014 ng
RT: 9.37 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion: 65 Resp: 281339
Ion Ratio Lower Upper
65 100
92 86.3 68.7 103.1
138 145.4 114.4 171.6





#49

Acenaphthylene

Concen: 43.466 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

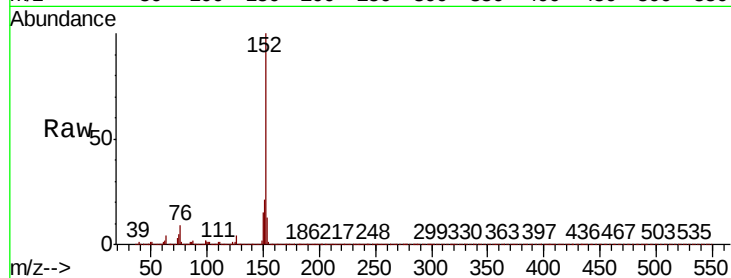
Instrument :

BNA_P

ClientSampled :

Tot Ion:152 Resp: 1808986

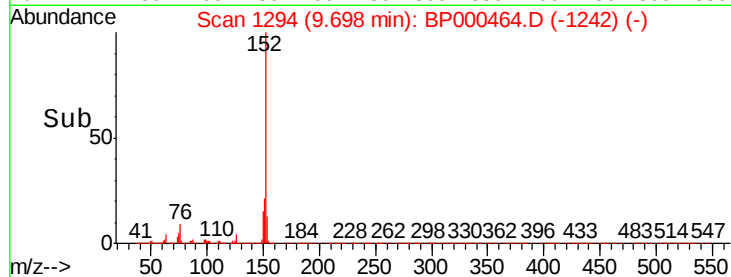
Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	13.3	11.0	16.4



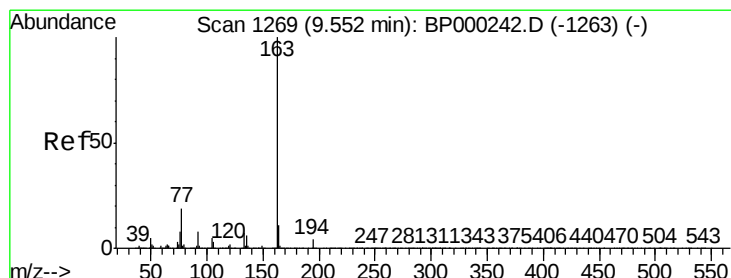
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Dimethylphthalate

Concen: 48.640 ng

RT: 9.56 min Scan# 1270

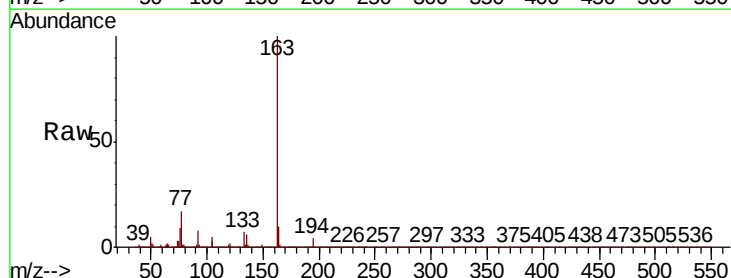
Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Tgt Ion:163 Resp: 1581100

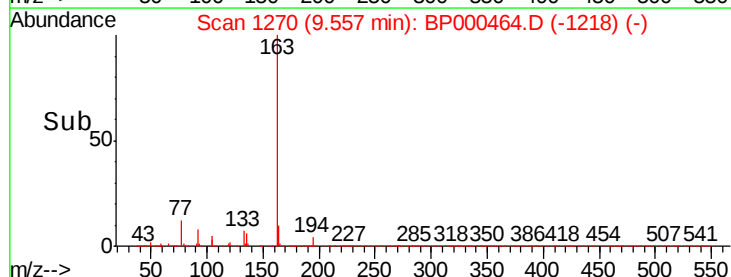
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.5	12.7



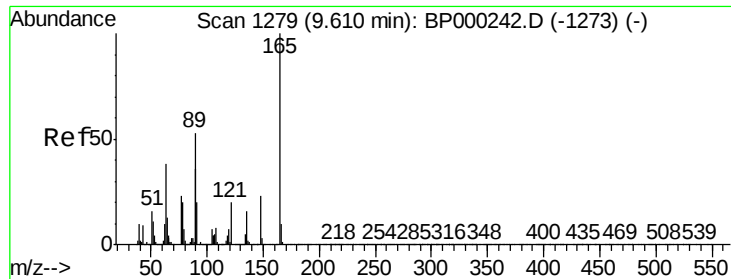
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



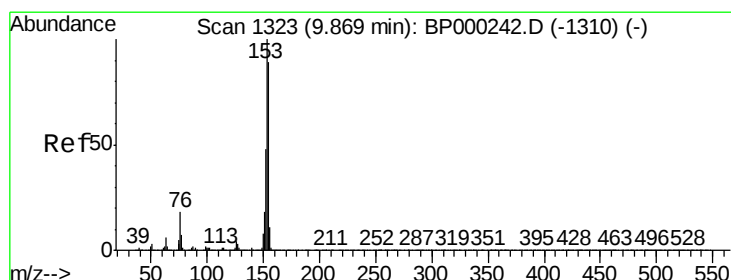
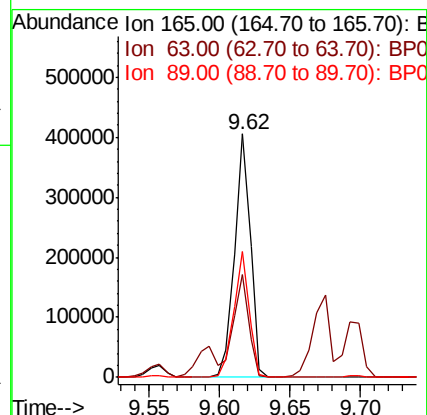
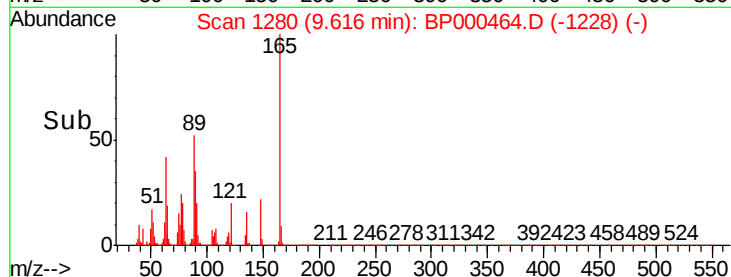
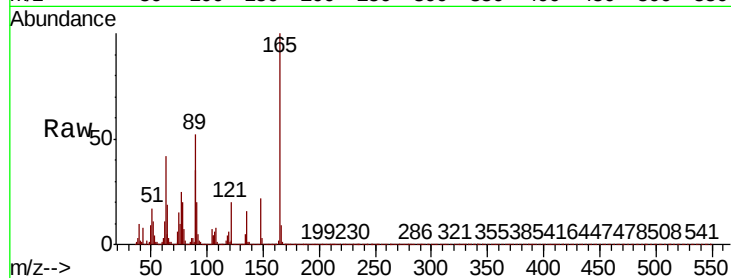
Time-->



#51
2,6-Dinitrotoluene
Concen: 44.214 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

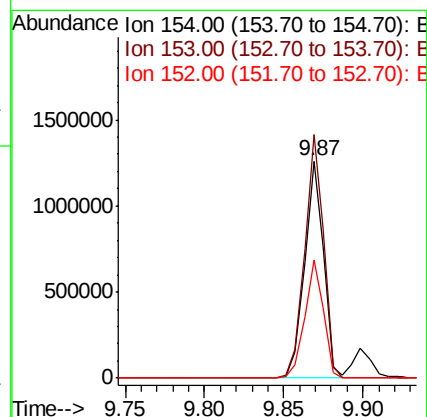
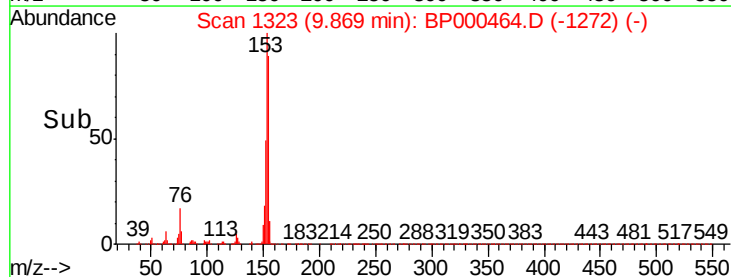
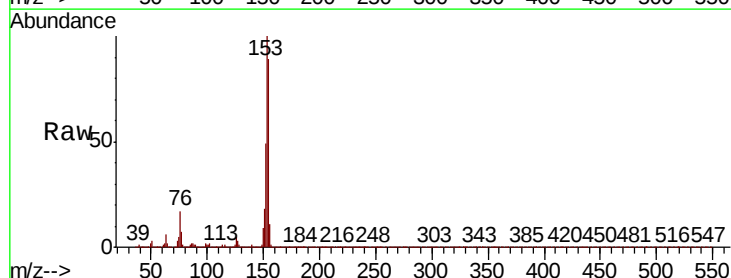
Instrument :
BNA_P
ClientSampleId :

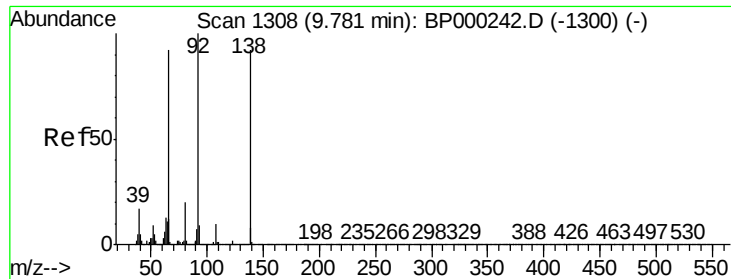
Tot Ion:165 Resp: 316013
Ion Ratio Lower Upper
165 100
63 42.4 35.8 53.8
89 51.7 42.6 63.8



#52
Acenaphthene
Concen: 39.725 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:154 Resp: 1043326
Ion Ratio Lower Upper
154 100
153 112.3 89.8 134.6
152 54.5 43.4 65.0

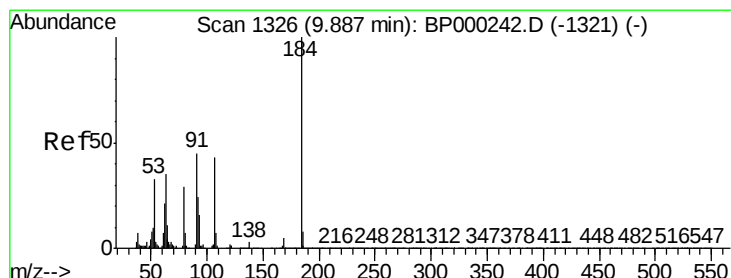
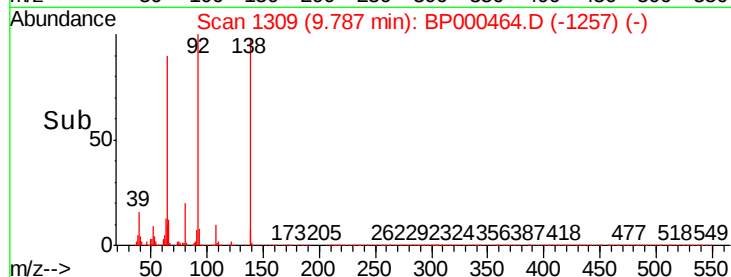
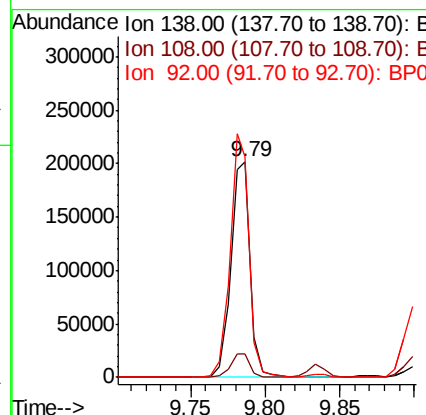
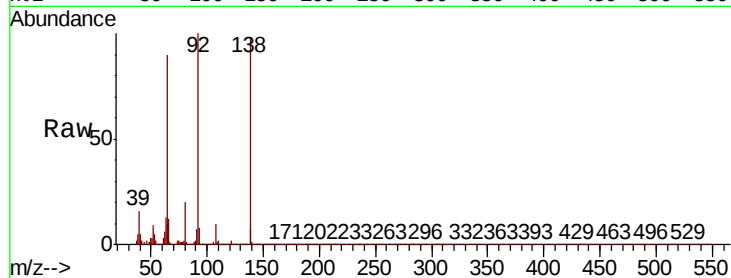




#53
3-Nitroaniline
Concen: 22.285 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

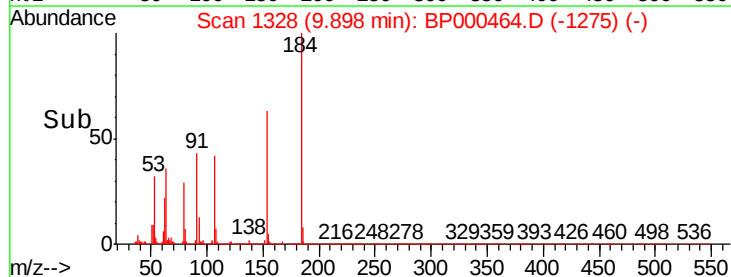
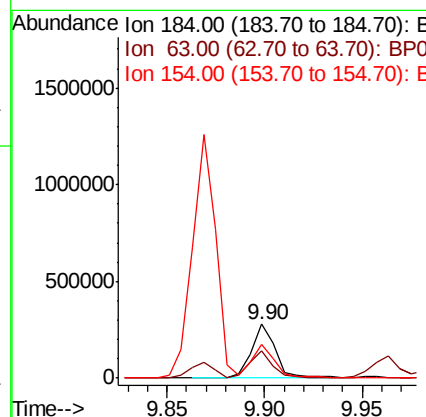
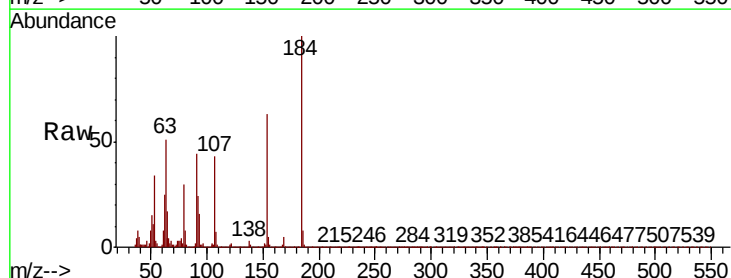
Instrument :
BNA_P
ClientSampleId :

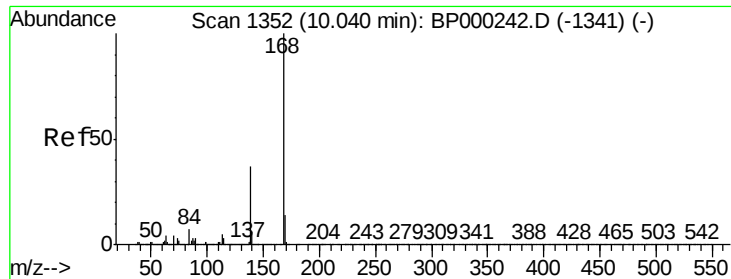
Tot Ion:138 Resp: 184875
Ion Ratio Lower Upper
138 100
108 10.6 9.1 13.7
92 102.1 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 75.307 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:184 Resp: 237797
Ion Ratio Lower Upper
184 100
63 51.1 39.5 59.3
154 62.9 48.8 73.2

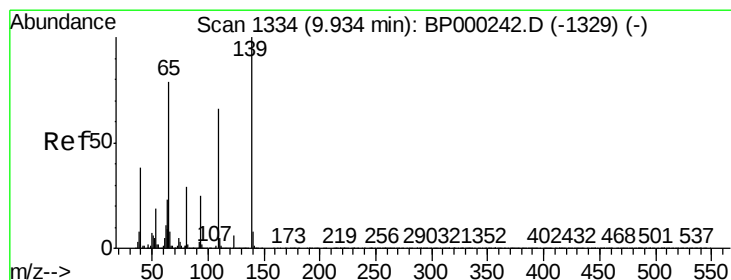
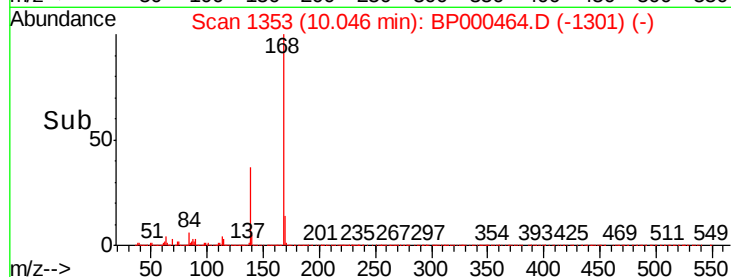
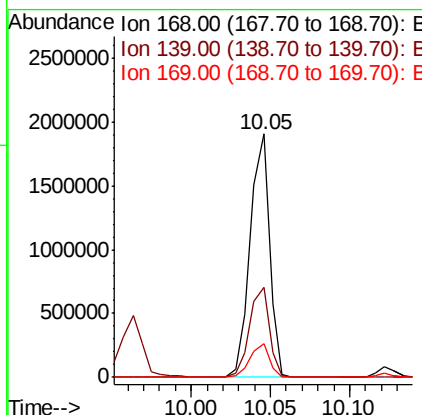
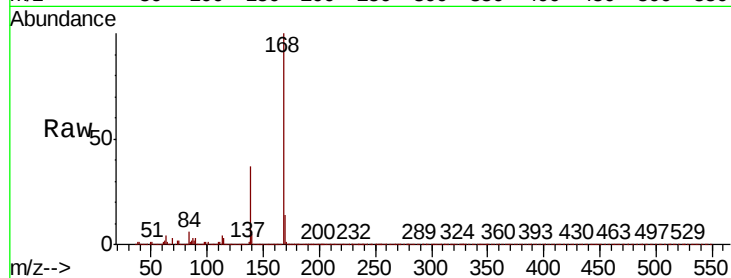




#55
Dibenzofuran
Concen: 43.579 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

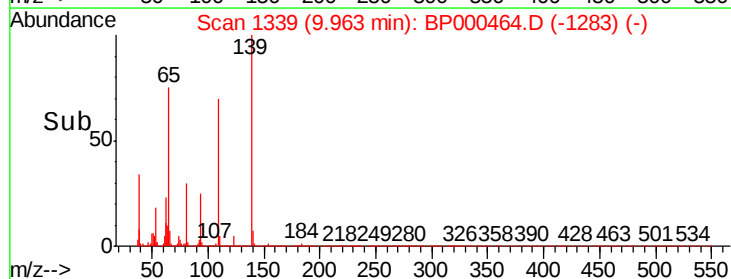
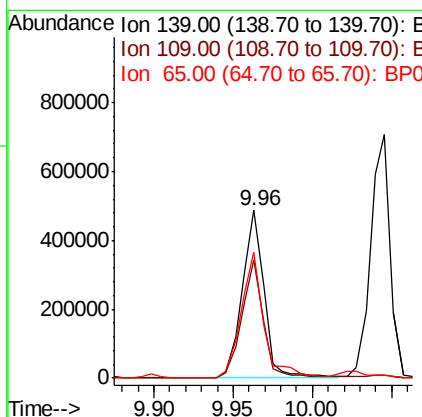
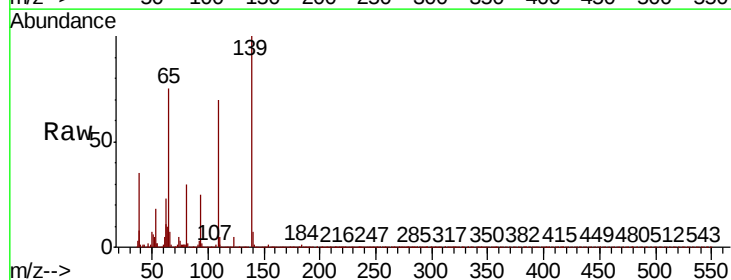
Instrument :
BNA_P
ClientSampleId :

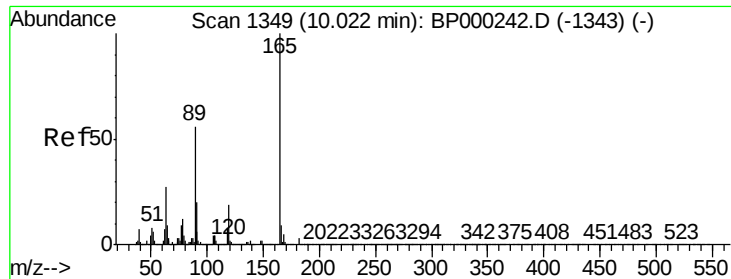
Tot Ion:168 Resp: 1617993
Ion Ratio Lower Upper
168 100
139 37.1 30.0 45.0
169 13.6 11.0 16.6



#56
4-Nitrophenol
Concen: 75.364 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.03 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:139 Resp: 465030
Ion Ratio Lower Upper
139 100
109 70.1 46.2 86.2
65 75.0 59.4 99.4

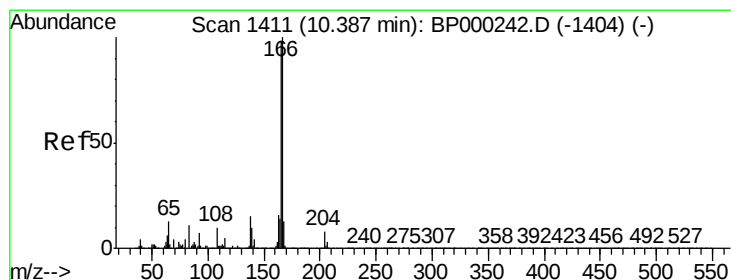
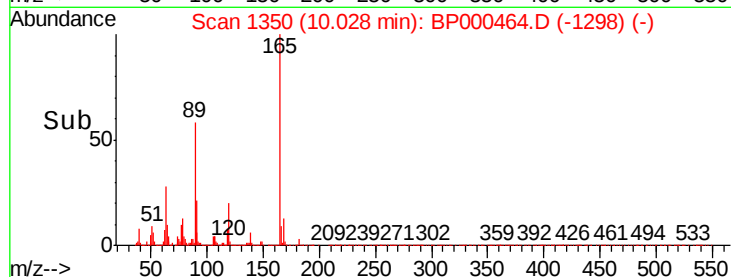
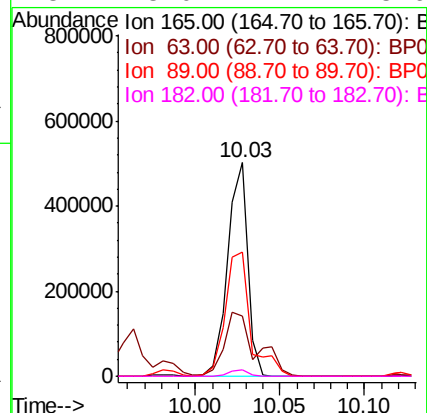
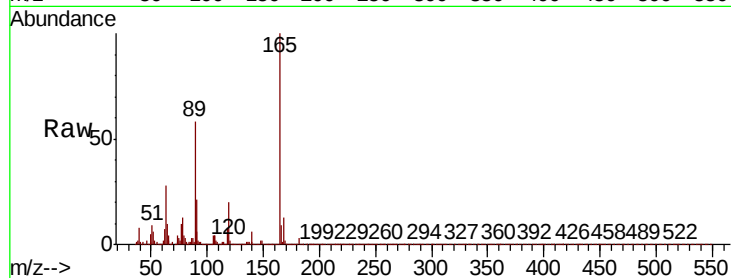




#57
2,4-Dinitrotoluene
Concen: 44.407 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

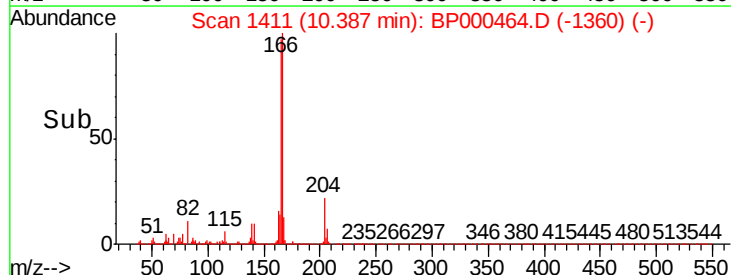
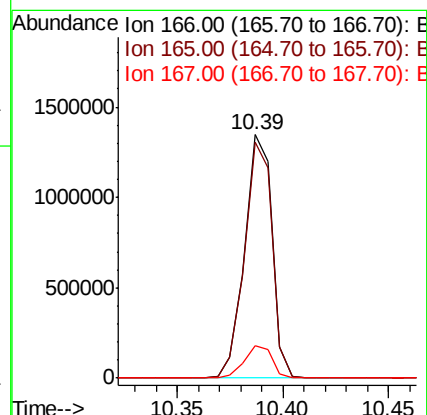
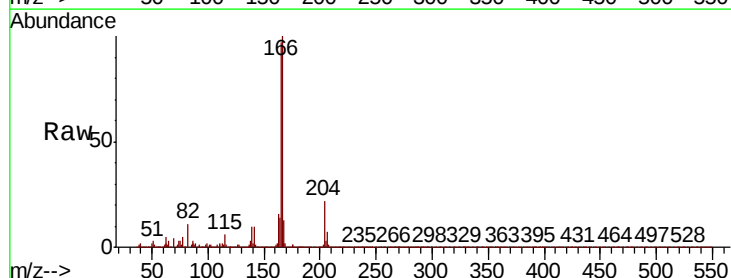
Instrument :
BNA_P
ClientSampleId :

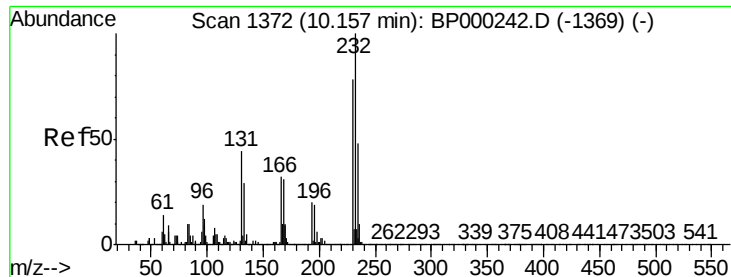
Tot Ion	Ratio	Lower	Upper
165	100		
63	28.4	21.7	32.5
89	58.1	45.0	67.6
182	3.0	2.4	3.6



#58
Fluorene
Concen: 42.141 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.2	117.2
167	13.3	10.7	16.1

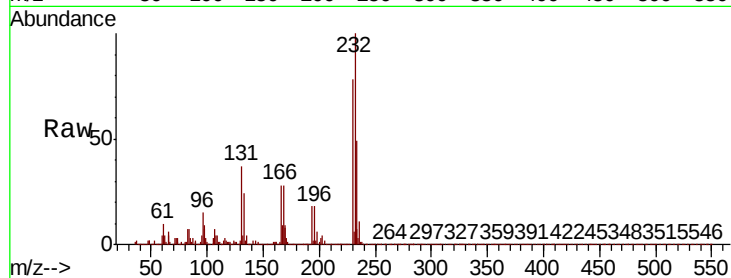




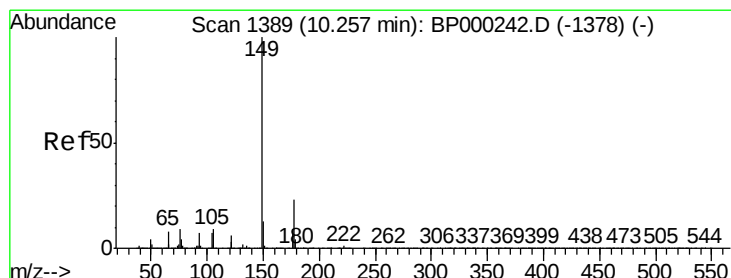
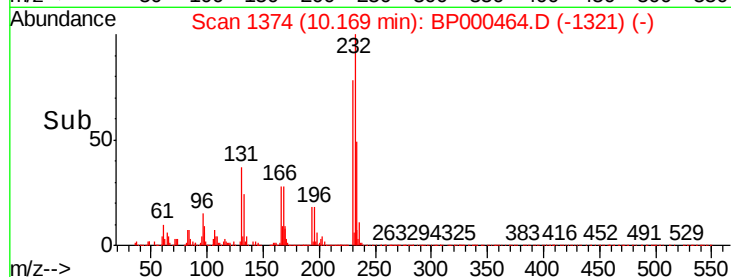
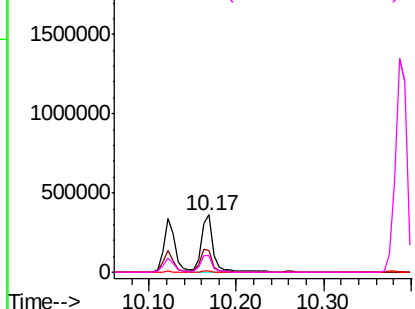
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.900 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	232	Resp:	349149
Ion	Ratio	Lower	Upper
232	100		
131	41.8	33.6	50.4
130	2.0	1.8	2.6
166	28.5	24.2	36.2

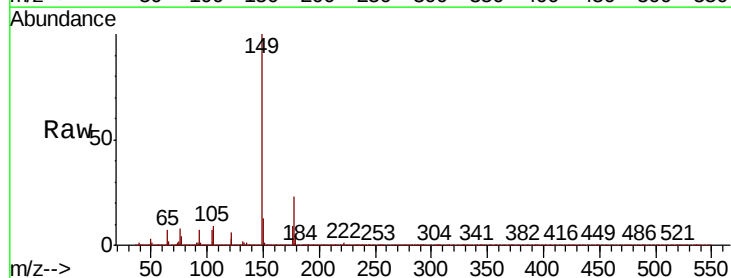


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

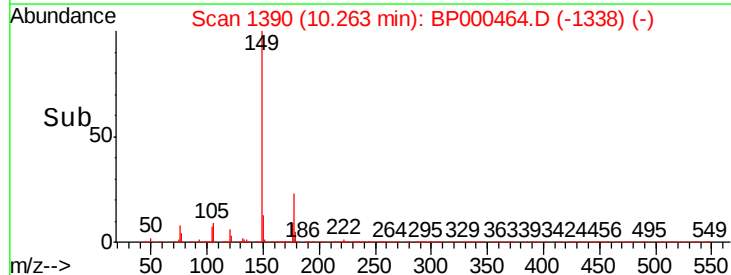
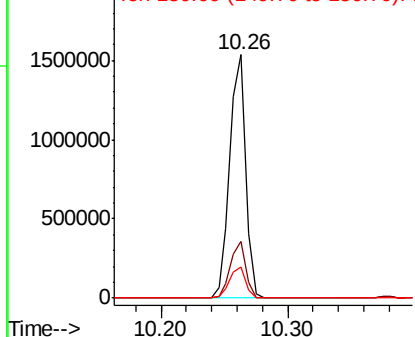


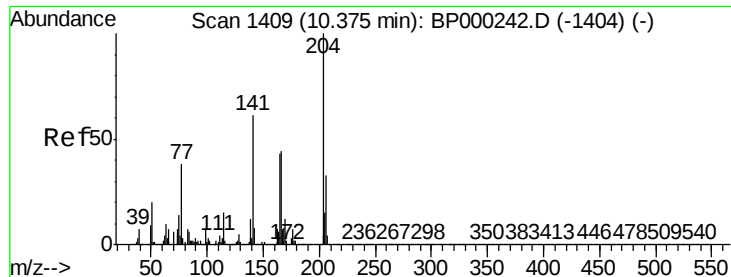
#60
Diethylphthalate
Concen: 42.385 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:	149	Resp:	1325377
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.1	27.1
150	12.8	10.3	15.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

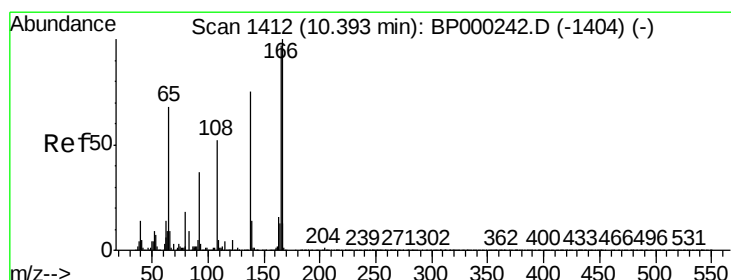
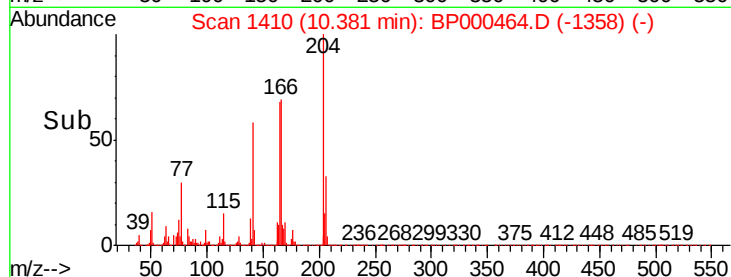
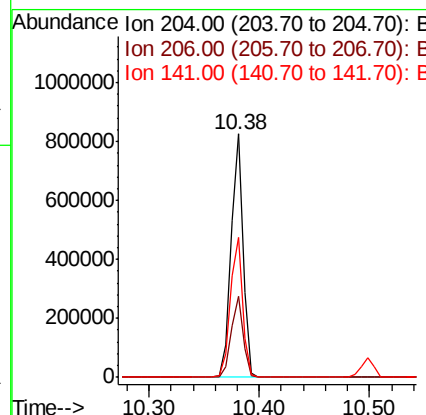
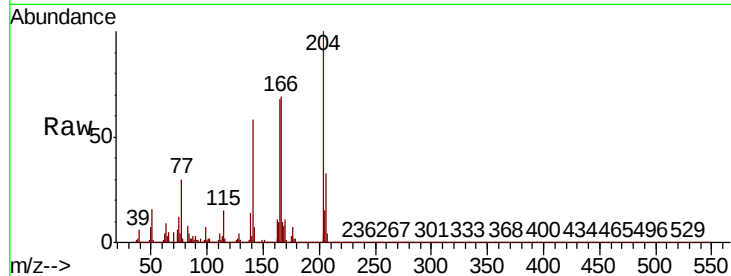




#61
4-Chlorophenyl-phenylether
Concen: 42.728 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

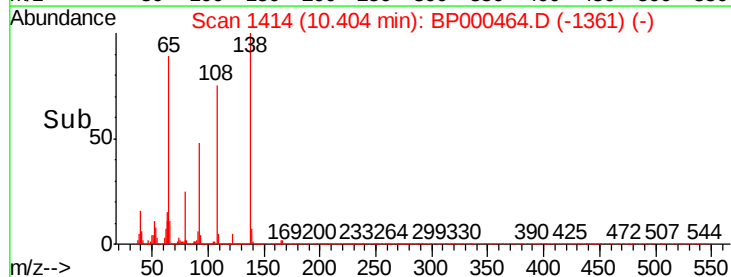
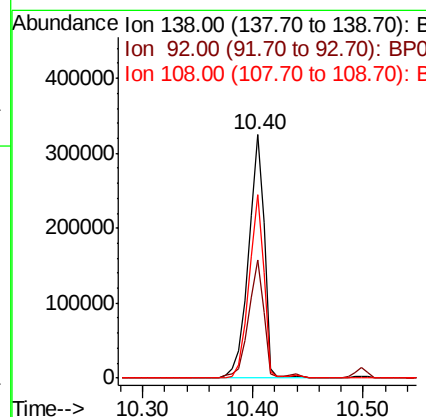
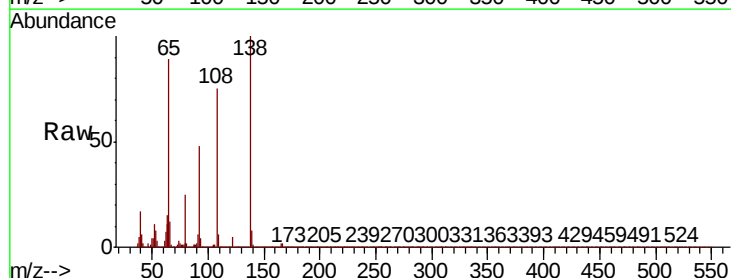
Instrument :
BNA_P
ClientSampled :

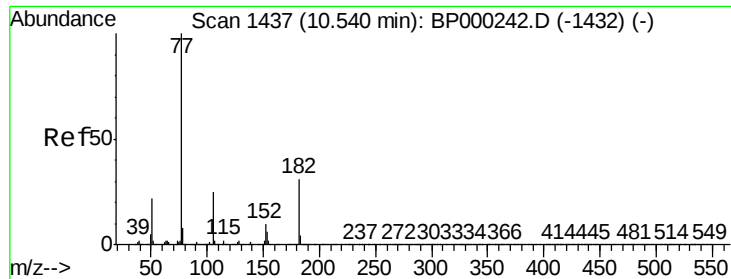
Tot Ion:204 Resp: 628962
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 57.5 48.6 72.8



#62
4-Nitroaniline
Concen: 40.382 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:138 Resp: 329517
Ion Ratio Lower Upper
138 100
92 48.5 30.1 70.1
108 75.2 49.5 89.5

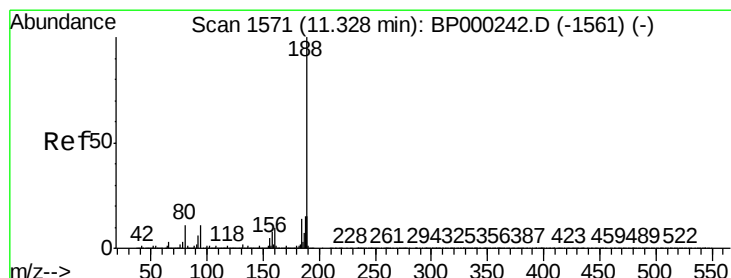
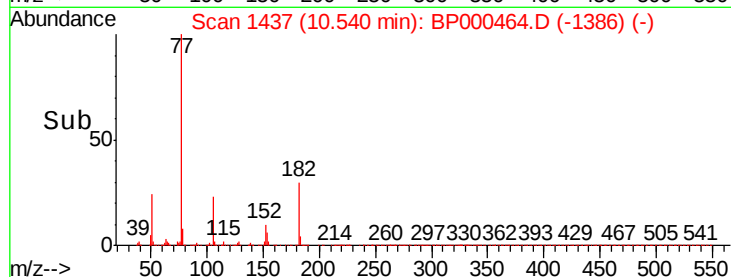
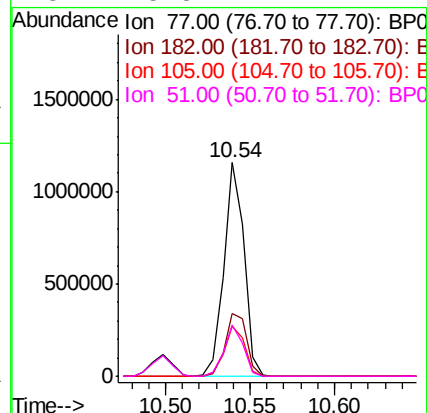
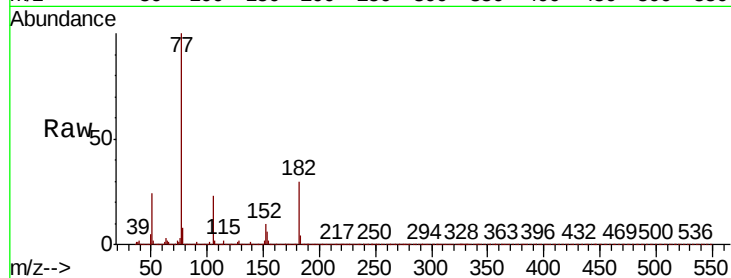




#63
Azobenzene
Concen: 36.251 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

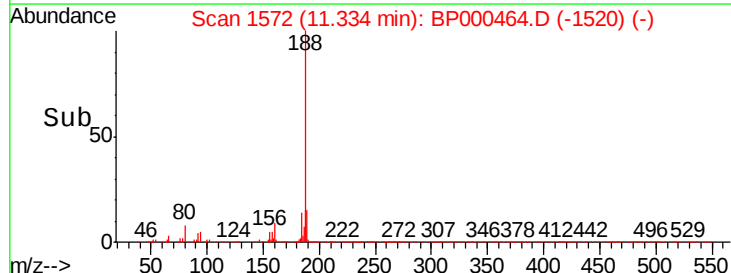
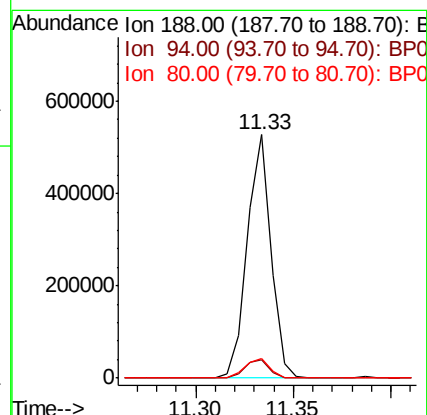
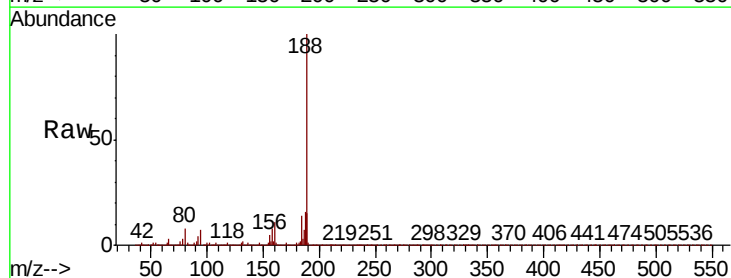
Instrument :
BNA_P
ClientSampleId :

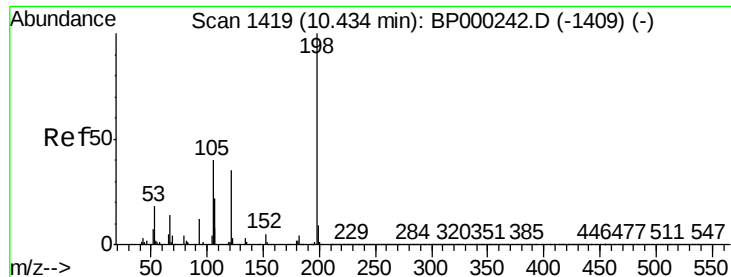
Tot Ion: 77 Resp: 960352
Ion Ratio Lower Upper
77 100
182 29.7 11.1 51.1
105 23.4 4.7 44.7
51 23.8 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion: 188 Resp: 444330
Ion Ratio Lower Upper
188 100
94 7.3 8.5 12.7#
80 7.9 8.6 13.0#

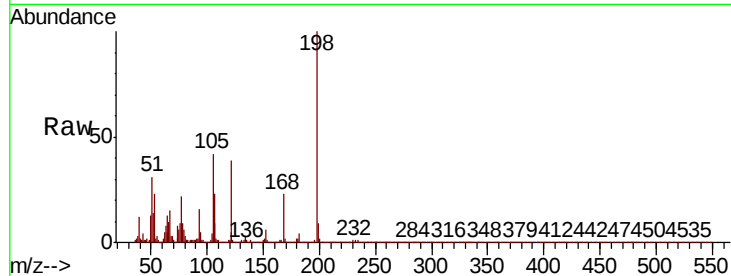




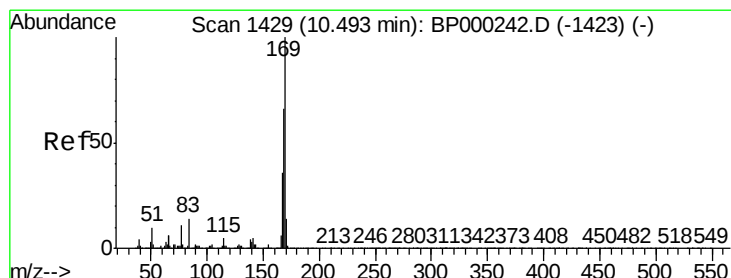
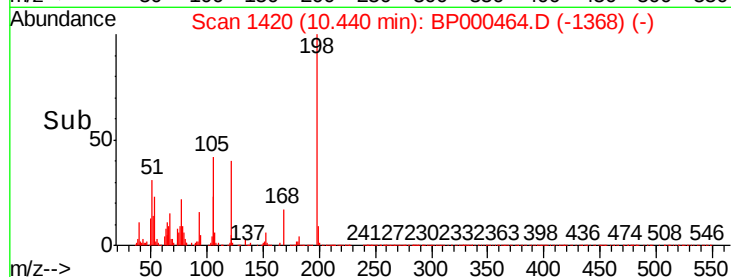
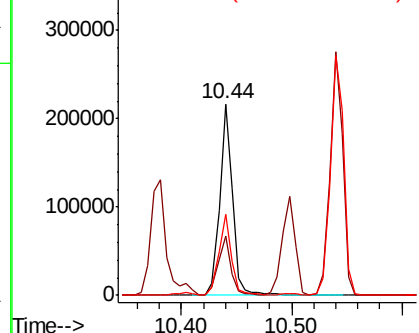
#65
4,6-Dinitro-2-methylphenol
Concen: 82.508 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion:198 Resp: 172381
Ion Ratio Lower Upper
198 100
51 30.8 7.4 47.4
105 42.2 20.2 60.2

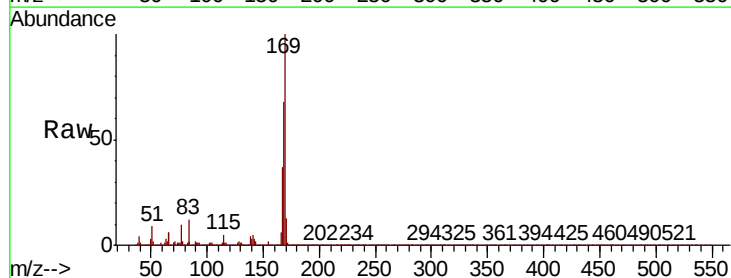


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

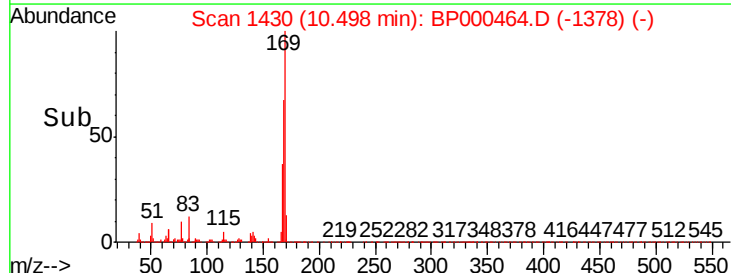
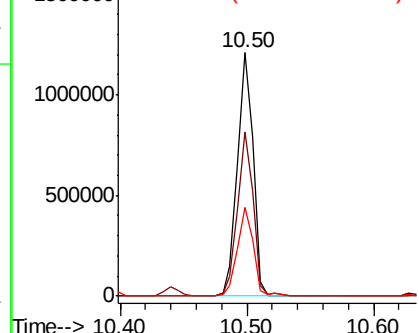


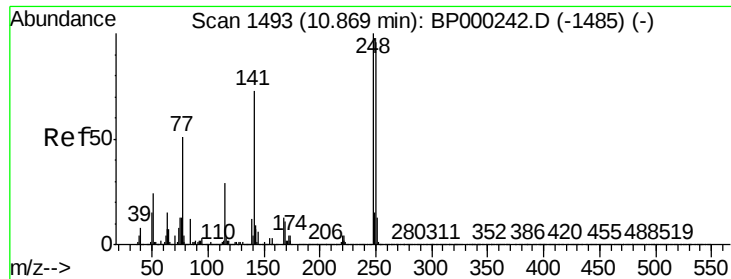
#66
n-Nitrosodiphenylamine
Concen: 76.297 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:169 Resp: 1020538
Ion Ratio Lower Upper
169 100
168 67.7 52.9 79.3
167 36.6 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

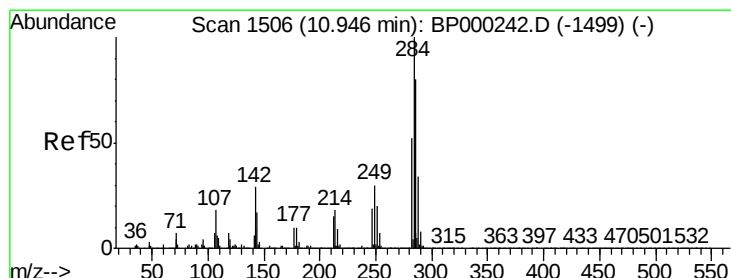
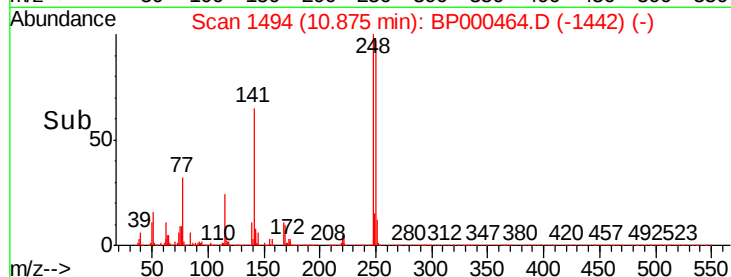
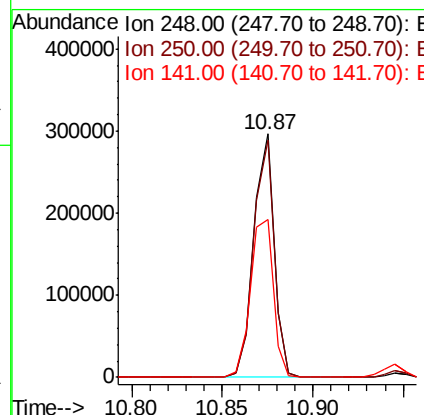
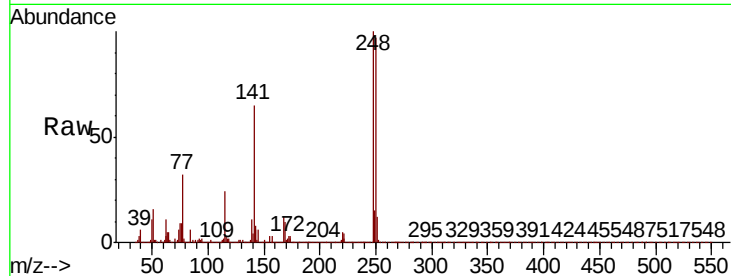




#67
4-Bromophenyl-phenylether
Concen: 46.310 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

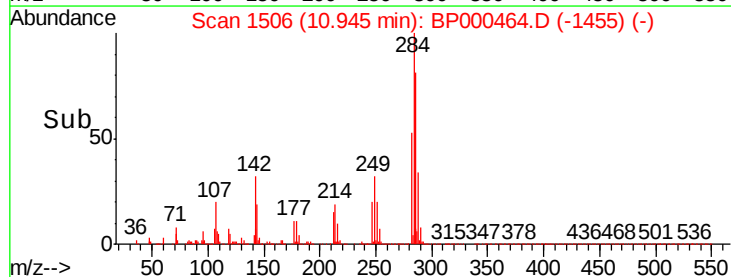
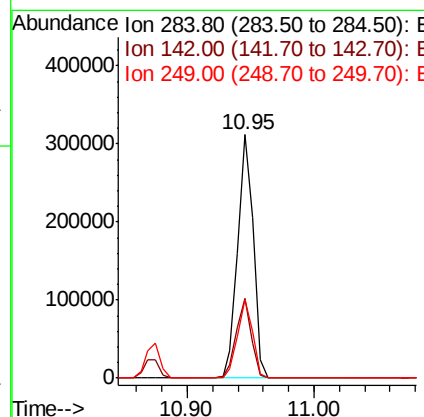
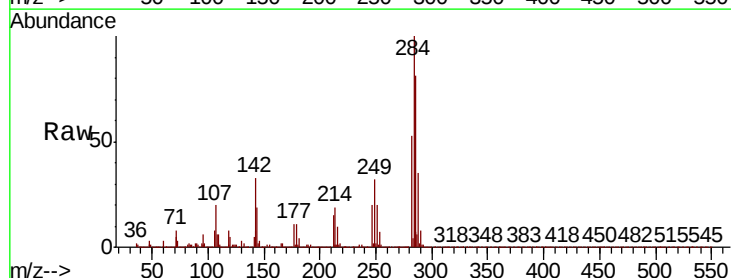
Instrument :
BNA_P
ClientSampleId :

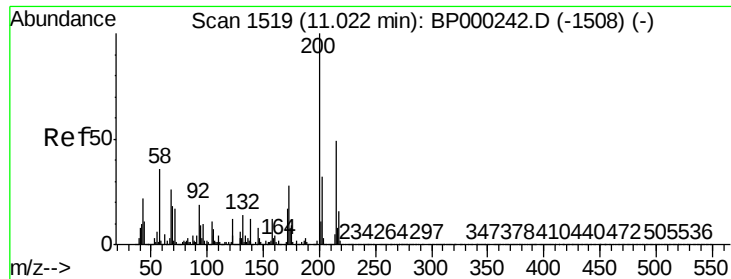
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	77.0	115.4
141	64.6	58.5	87.7



#68
Hexachlorobenzene
Concen: 47.578 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	23.6	35.4
249	32.2	24.3	36.5

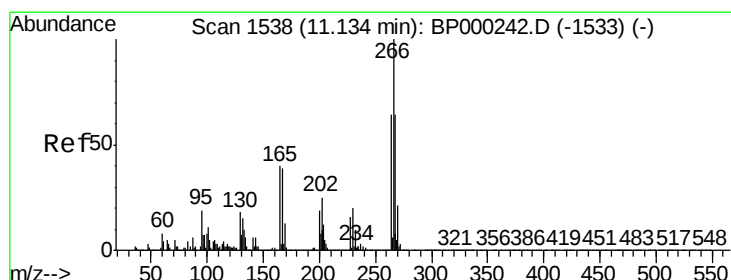
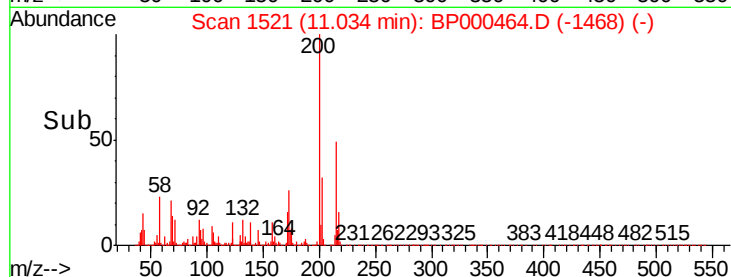
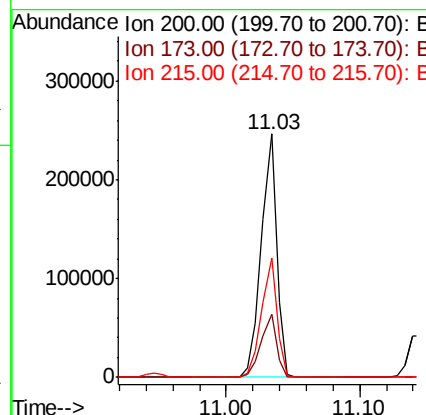
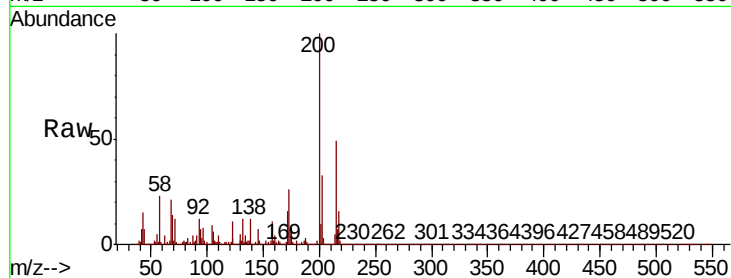




#69
 Atrazine
 Concen: Below Cal
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BP000464.D
 Acq: 27 Sep 2019 16:19

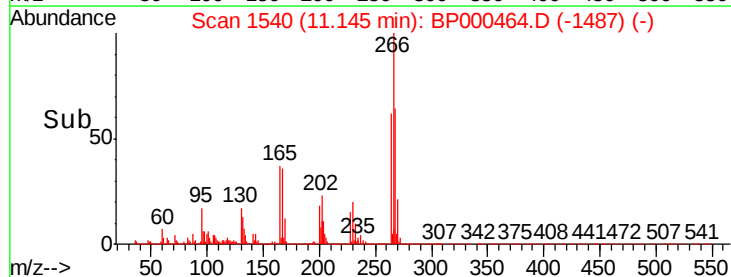
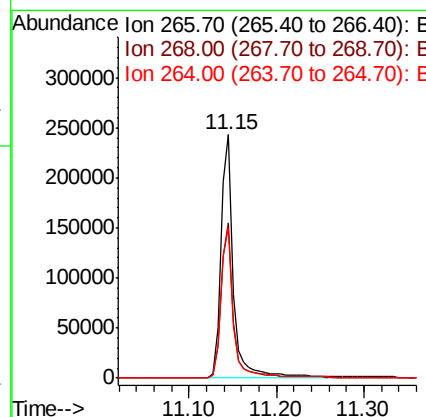
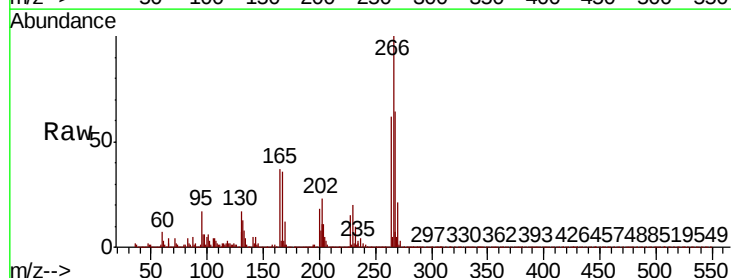
Instrument :
 BNA_P
 ClientSampleId :

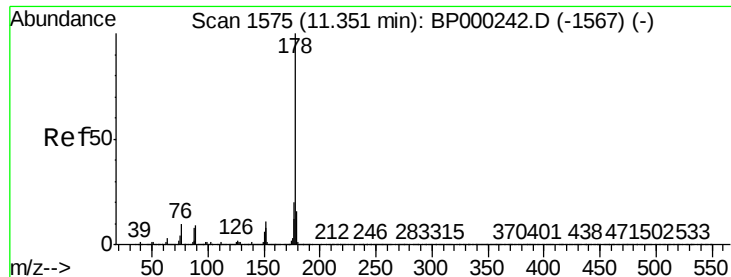
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	7.6	47.6
215	48.9	28.6	68.6



#70
 Pentachlorophenol
 Concen: 81.107 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BP000464.D
 Acq: 27 Sep 2019 16:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.6	77.4
264	61.6	50.8	76.2





#71

Phenanthrene

Concen: 45.223 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Instrument :

BNA_P

ClientSampleId :

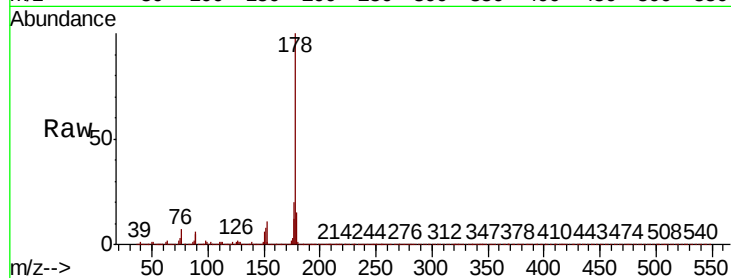
Tot Ion:178 Resp: 1006954

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.4	12.7	19.1

178 100

176 19.5 15.8 23.8

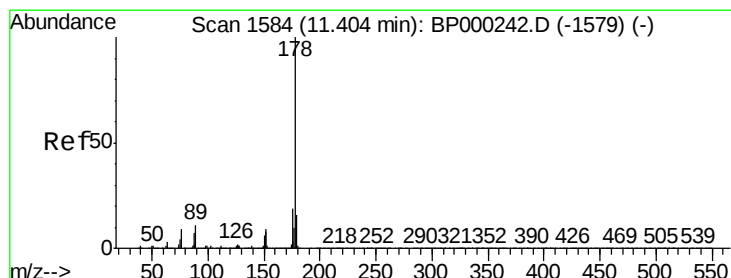
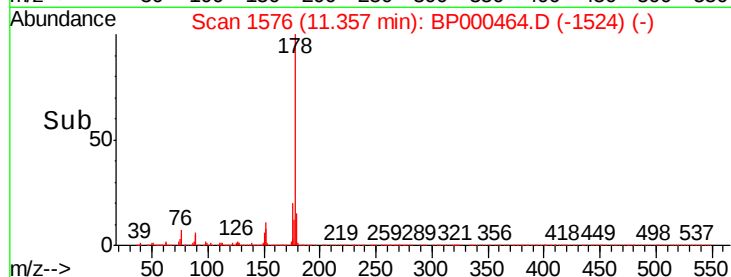
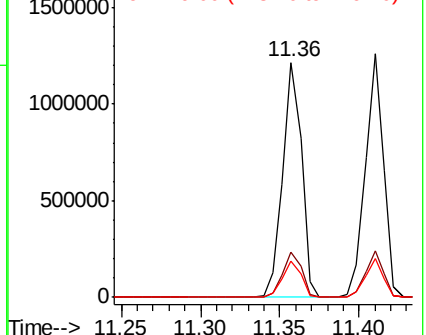
179 15.4 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.597 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

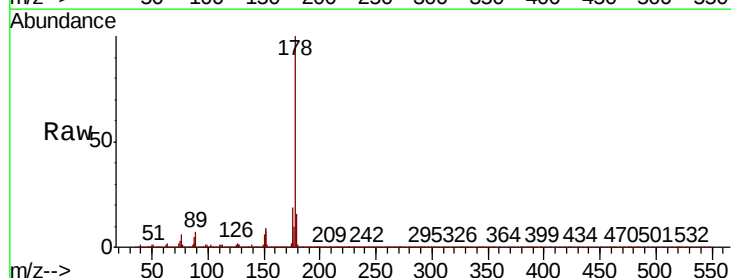
Tgt Ion:178 Resp: 1022132

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.8	12.7	19.1

178 100

176 18.9 15.4 23.0

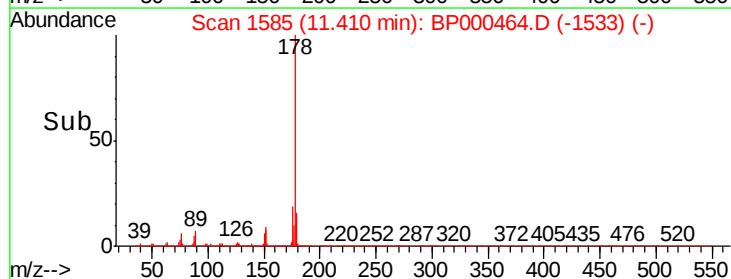
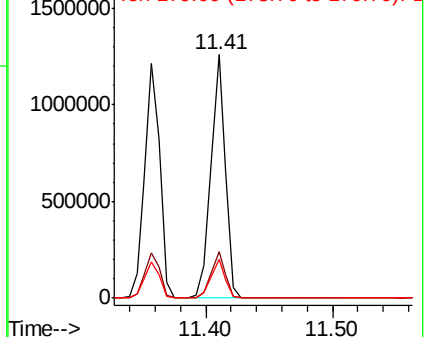
179 15.8 12.7 19.1

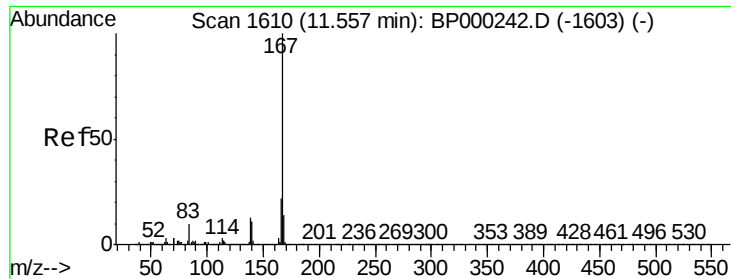


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

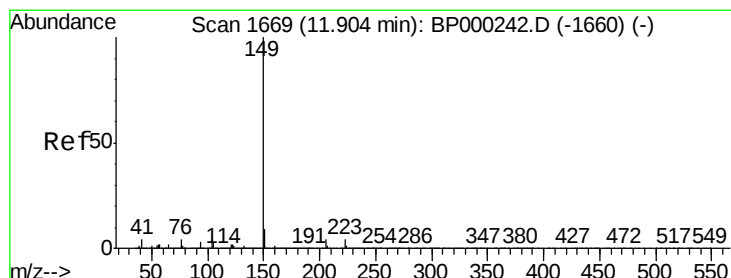
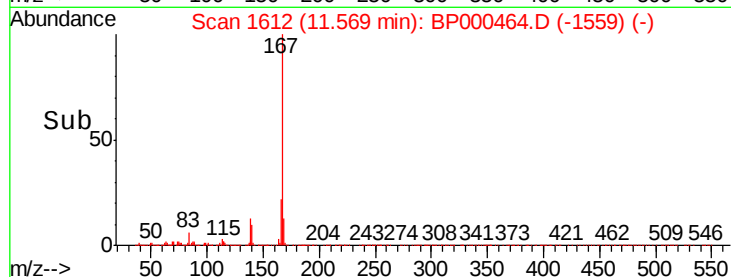
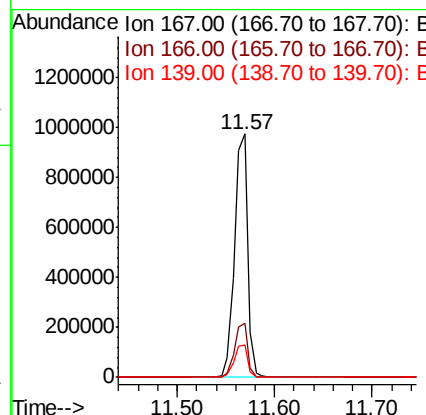
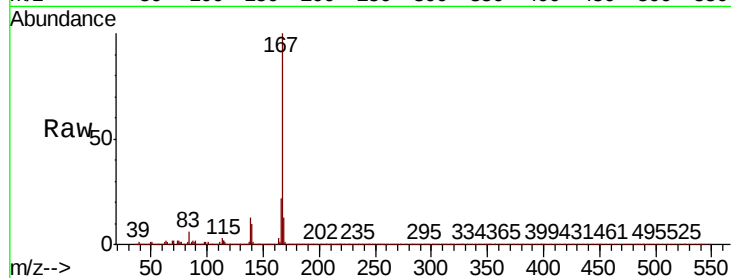




#73
 Carbazole
 Concen: 44.161 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BP000464.D
 Acq: 27 Sep 2019 16:19

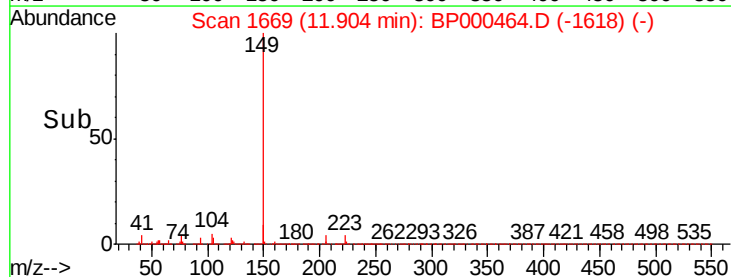
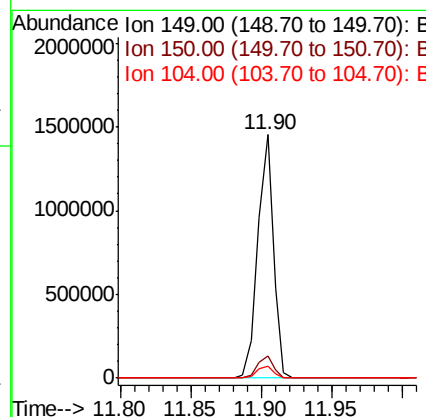
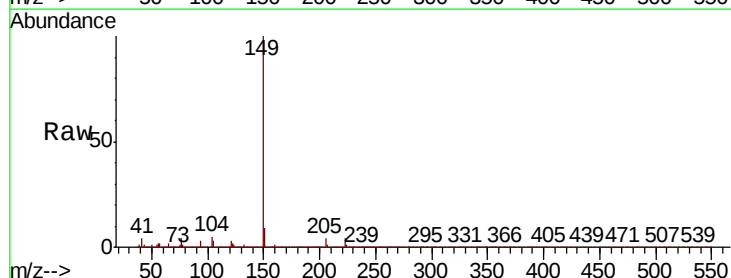
Instrument :
 BNA_P
 ClientSampleId :

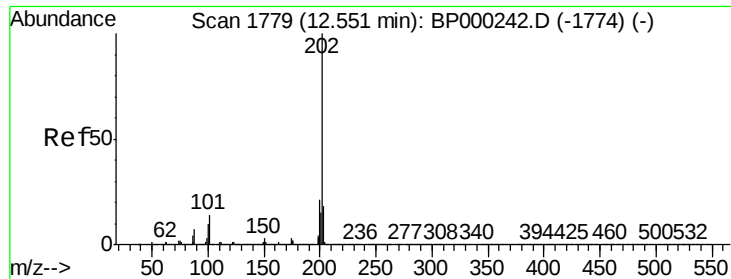
Tot Ion:167 Resp: 911499
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 13.3 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 43.631 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BP000464.D
 Acq: 27 Sep 2019 16:19

Tgt Ion:149 Resp: 1139889
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.1 3.5 5.3





#75

Fluoranthene

Concen: 48.818 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Instrument :

BNA_P

ClientSampleId :

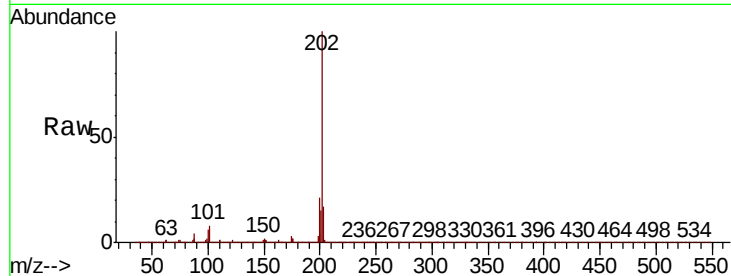
Tot Ion:202 Resp: 1167215

Ion Ratio Lower Upper

202 100

101 7.8 0.0 33.9

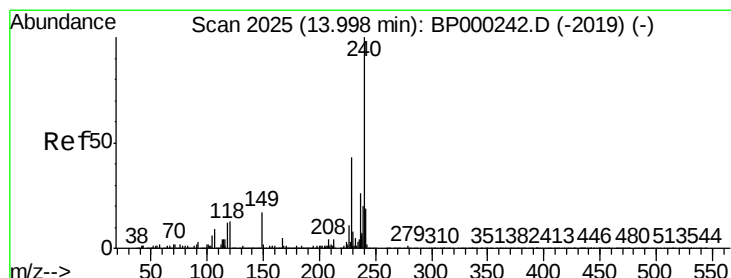
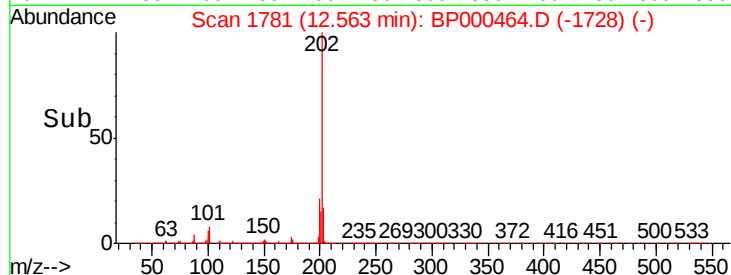
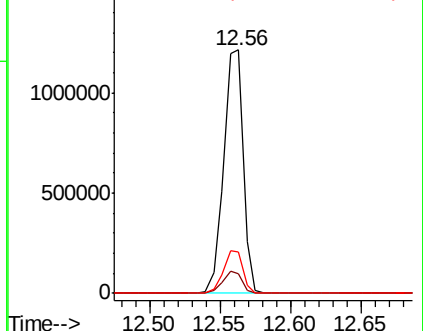
203 17.1 0.0 38.0



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: BP000464.D

Acq: 27 Sep 2019 16:19

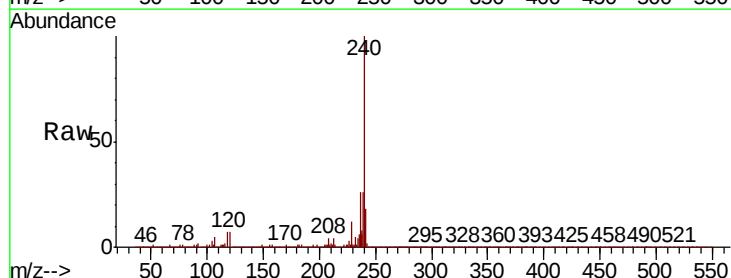
Tgt Ion:240 Resp: 405215

Ion Ratio Lower Upper

240 100

120 6.7 10.4 15.6#

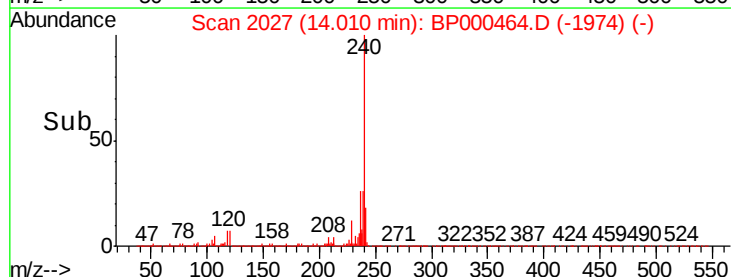
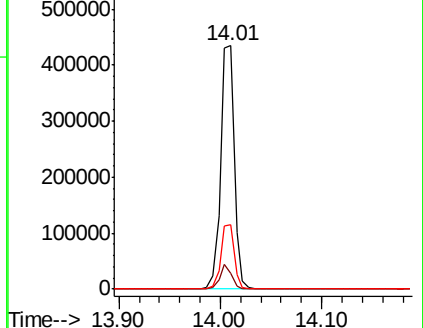
236 26.3 21.0 31.6

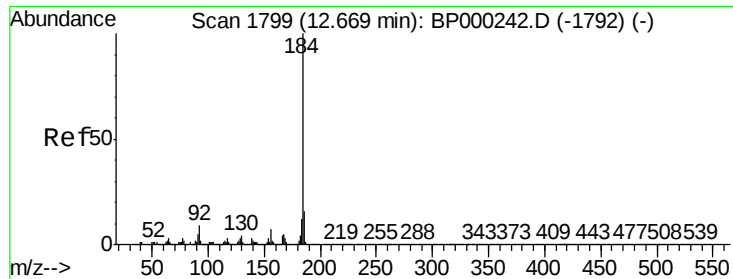


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.083 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Instrument :

BNA_P

ClientSampleId :

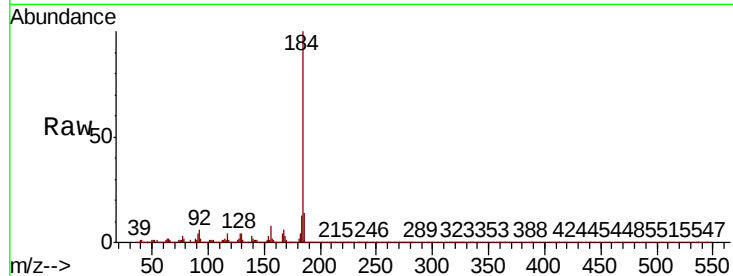
Tot Ion:184 Resp: 449831

Ion Ratio Lower Upper

184 100

185 14.2 12.7 19.1

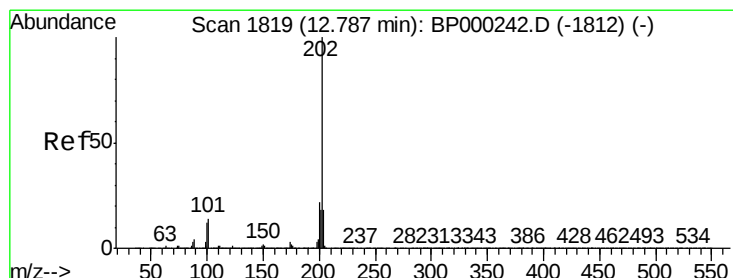
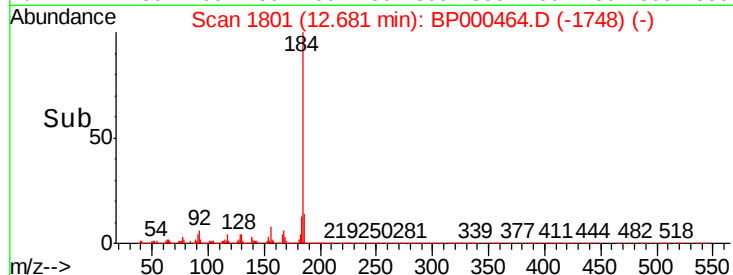
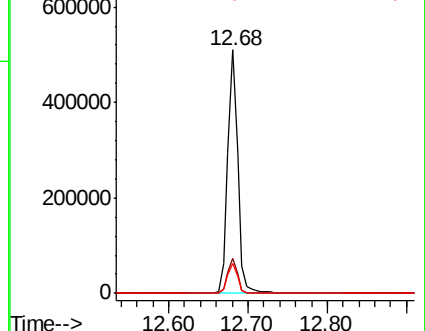
183 12.5 9.5 14.3



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: 38.672 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

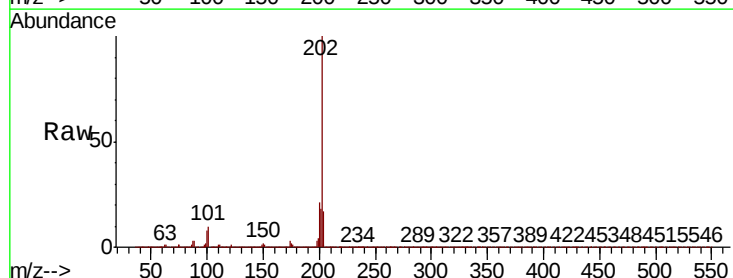
Tgt Ion:202 Resp: 1172421

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

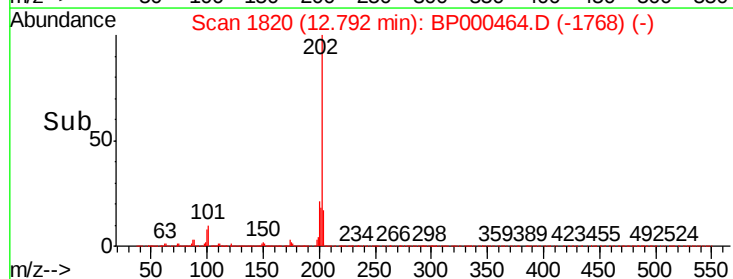
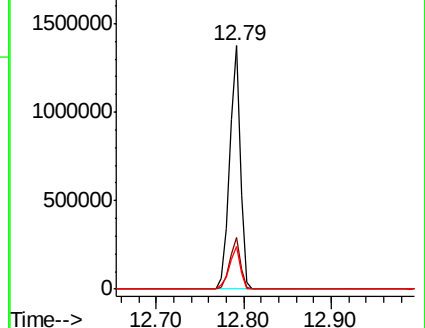
203 17.4 14.3 21.5

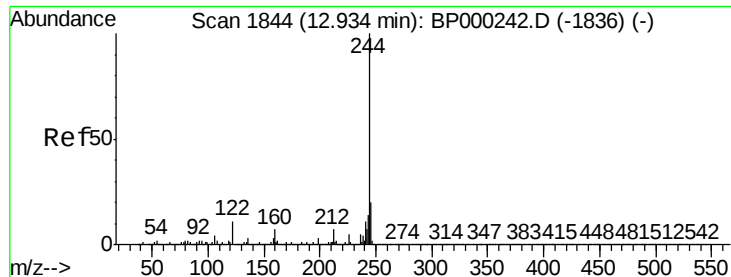


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



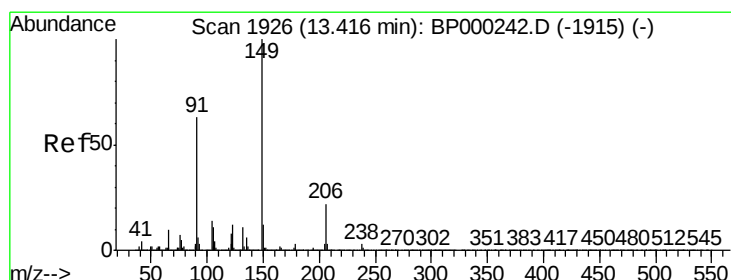
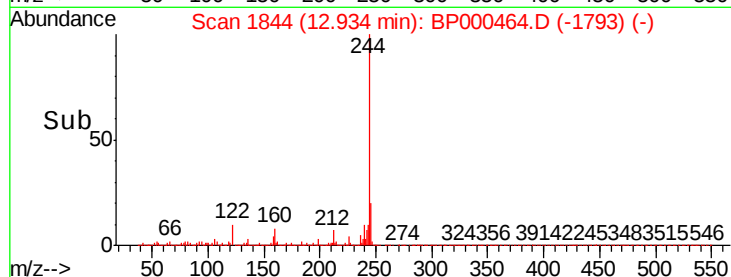
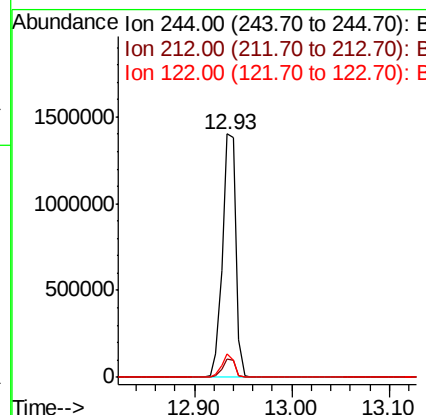
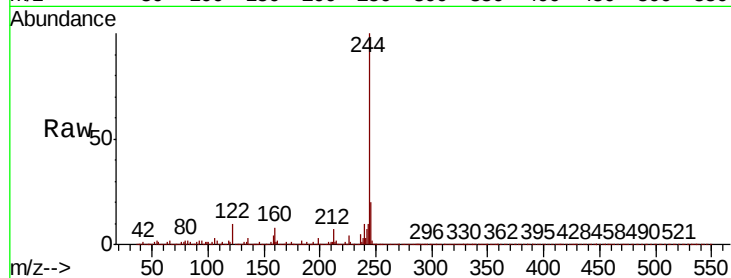


#79
 Terphenyl-d14
 Concen: 69.232 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BP000464.D
 Acq: 27 Sep 2019 16:19

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 1337277

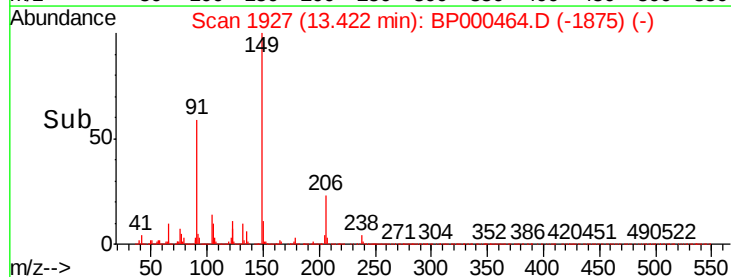
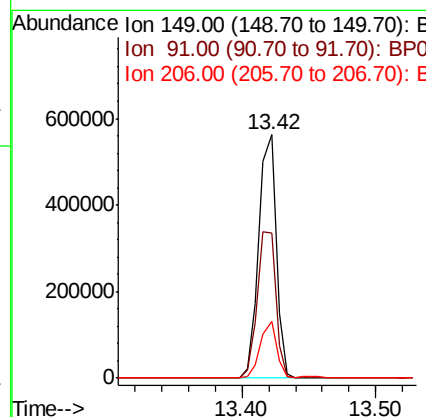
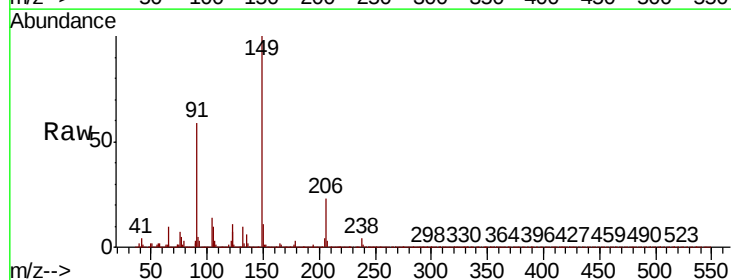
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.5	9.0	13.4

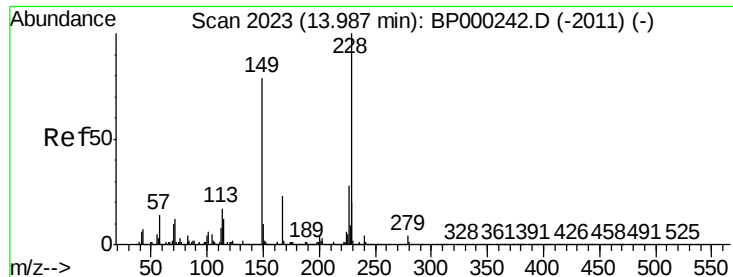


#80
 Butylbenzylphthalate
 Concen: 35.952 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. 0.01 min
 Lab File: BP000464.D
 Acq: 27 Sep 2019 16:19

Tgt Ion:149 Resp: 500829

Ion	Ratio	Lower	Upper
149	100		
91	59.4	50.6	76.0
206	23.2	17.8	26.6

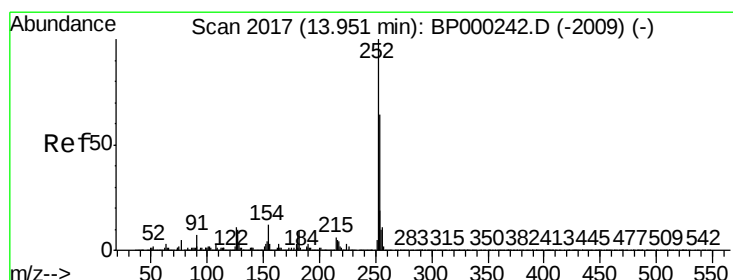
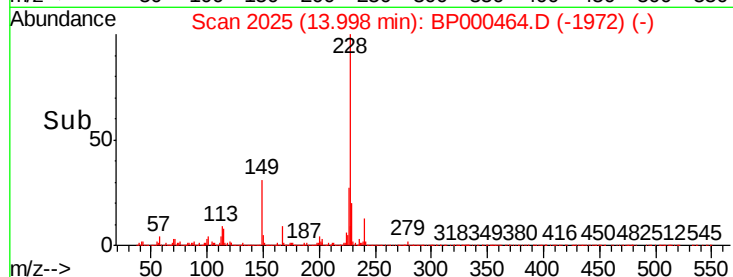
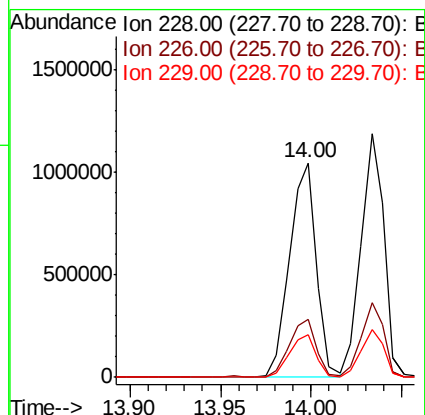
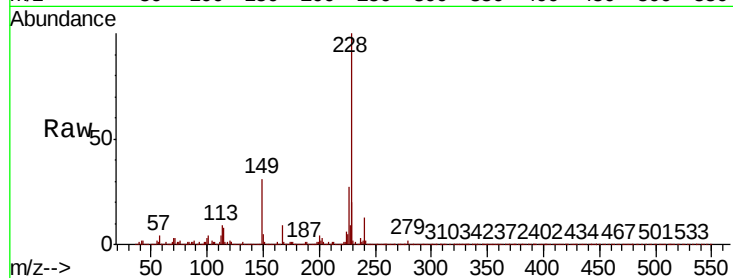




#81
Benzo(a)anthracene
Concen: 42.363 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

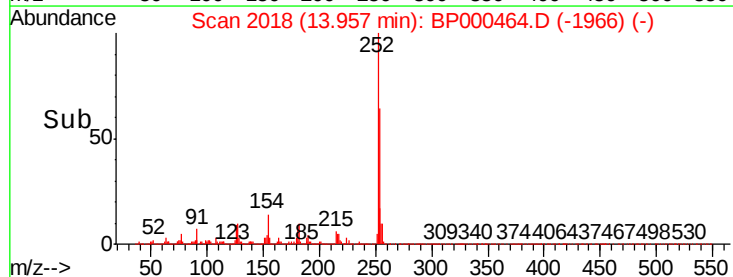
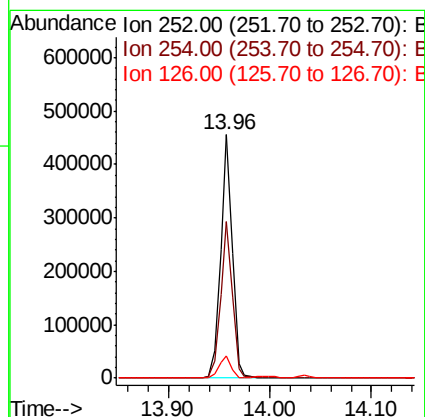
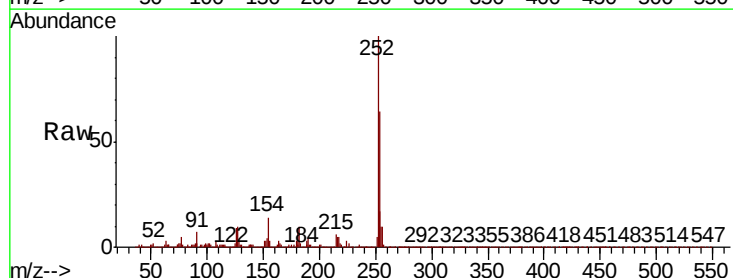
Instrument :
BNA_P
ClientSampleId :

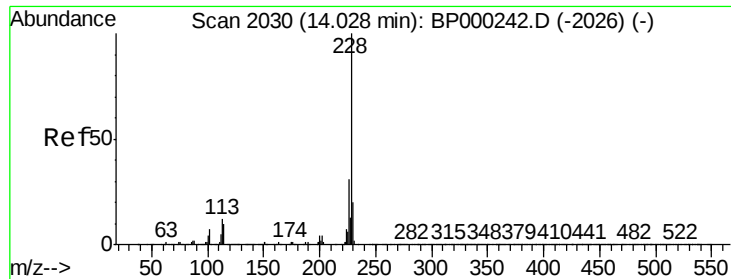
Tot Ion:228 Resp: 1084331
Ion Ratio Lower Upper
228 100
226 27.2 22.2 33.4
229 19.6 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 35.387 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:252 Resp: 364025
Ion Ratio Lower Upper
252 100
254 64.1 51.5 77.3
126 9.3 8.4 12.6

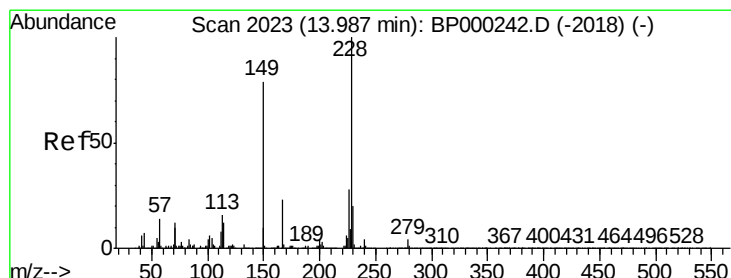
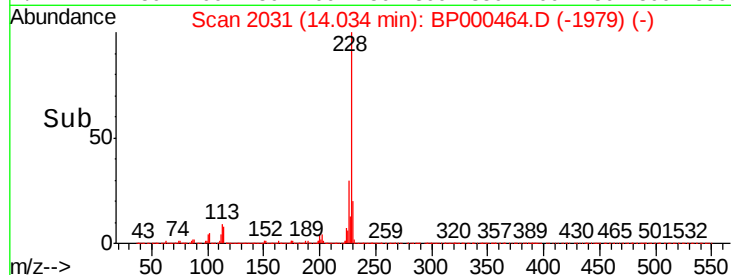
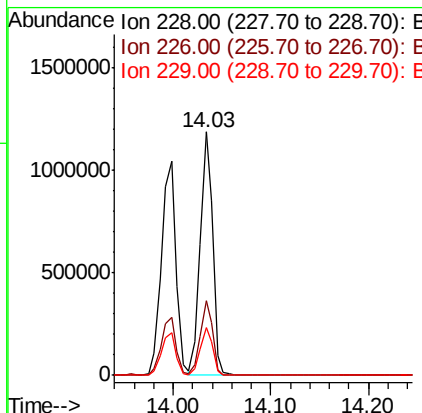
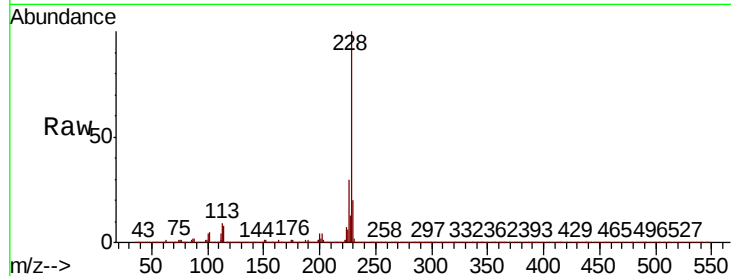




#83
 Chrysene
 Concen: 41.769 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BP000464.D
 Acq: 27 Sep 2019 16:19

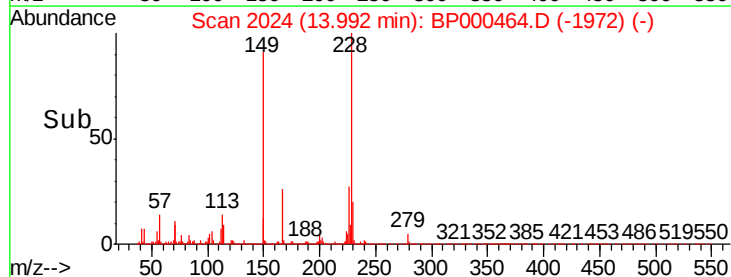
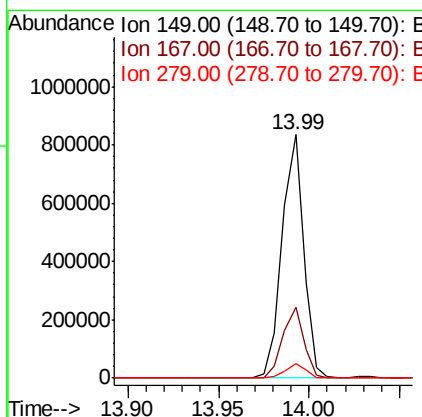
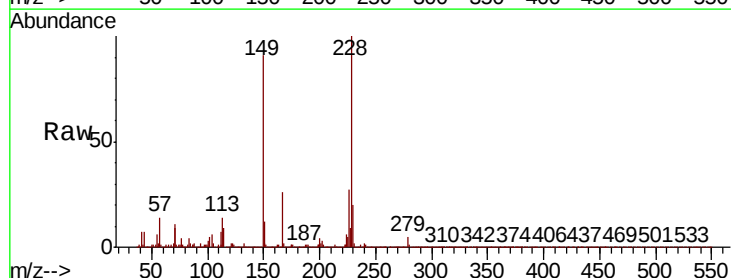
Instrument :
 BNA_P
 ClientSampleId :

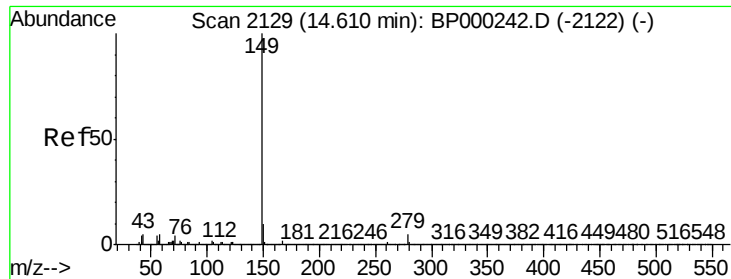
Tot Ion:228 Resp: 1049736
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 19.8 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.553 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BP000464.D
 Acq: 27 Sep 2019 16:19

Tgt Ion:149 Resp: 694869
 Ion Ratio Lower Upper
 149 100
 167 28.9 23.0 34.4
 279 5.7 3.7 5.5#

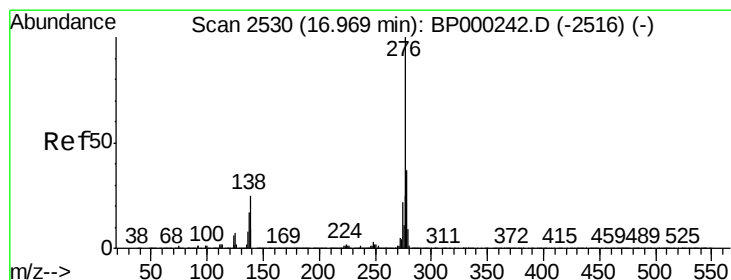
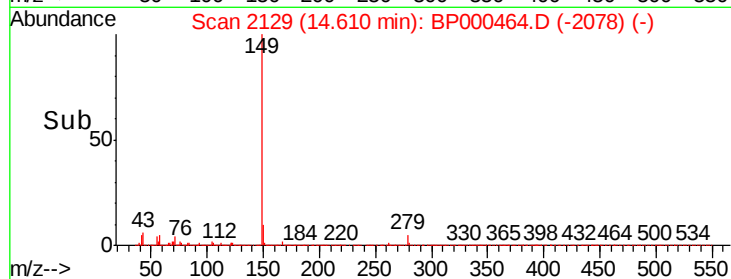
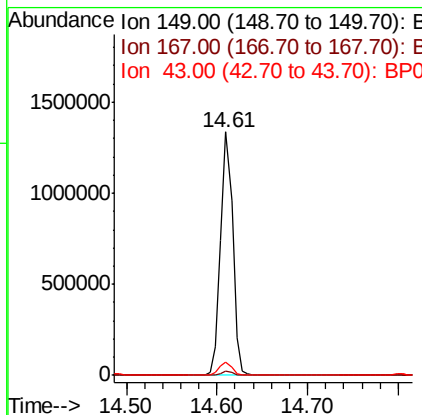
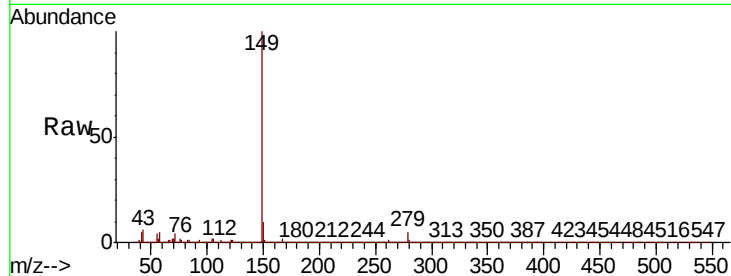




#85
Di-n-octyl phthalate
Concen: 39.578 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

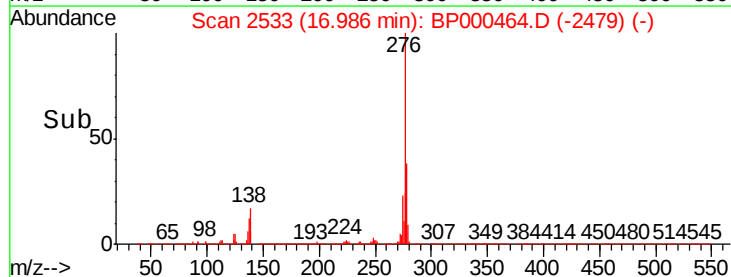
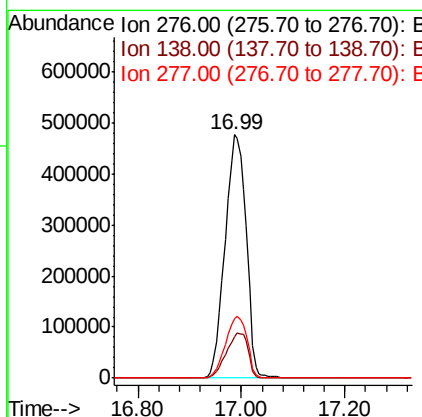
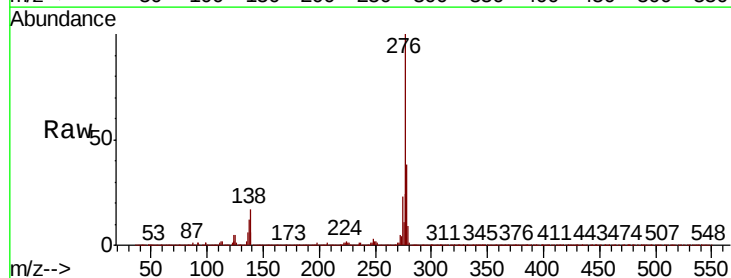
Instrument :
BNA_P
ClientSampleId :

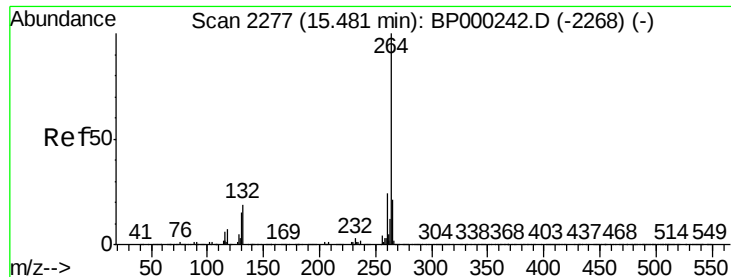
Tot Ion:149 Resp: 1226643
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 5.5 5.0 7.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.473 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.02 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:276 Resp: 1362381
Ion Ratio Lower Upper
276 100
138 19.0 22.6 33.8#
277 25.8 20.4 30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Instrument :

BNA_P

ClientSampleId :

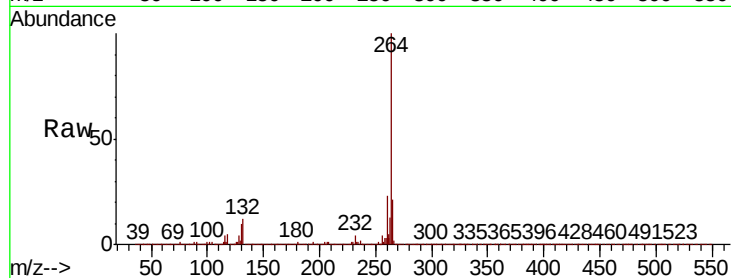
Tot Ion:264 Resp: 455661

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

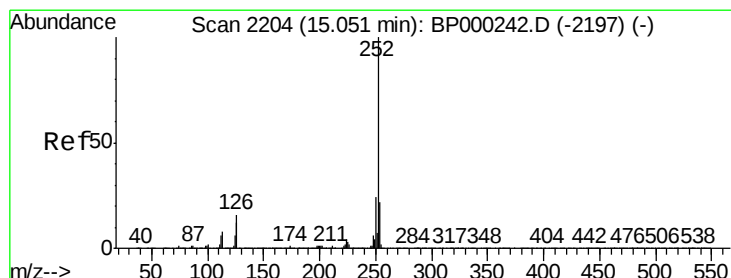
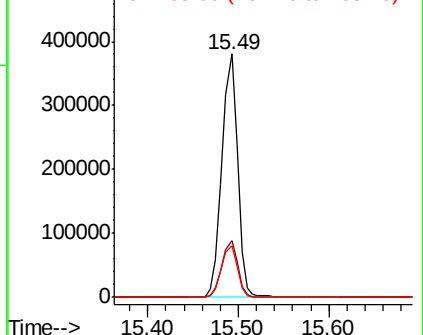
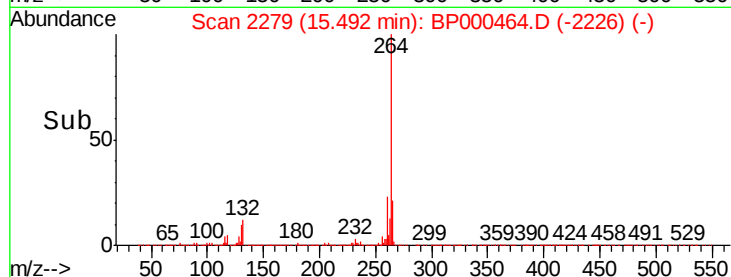
265 21.4 17.2 25.8



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: 42.657 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

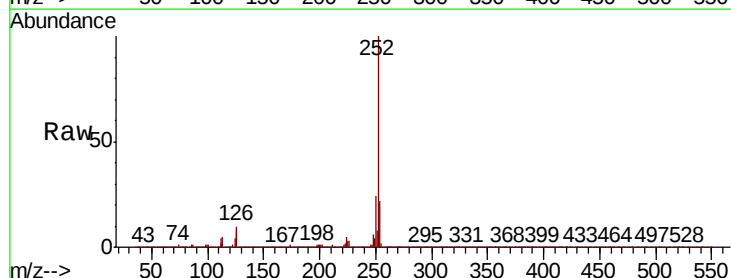
Tgt Ion:252 Resp: 1159546

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

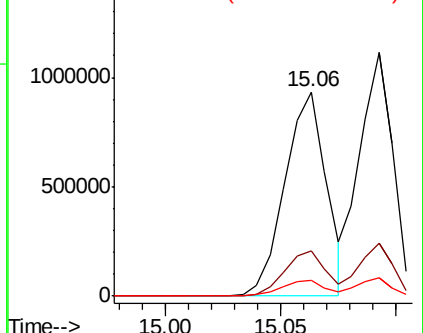
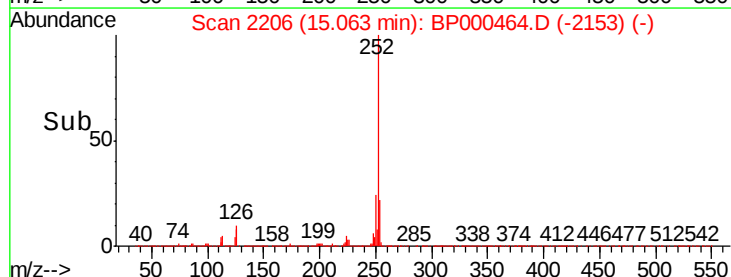
125 7.6 9.5 14.3#

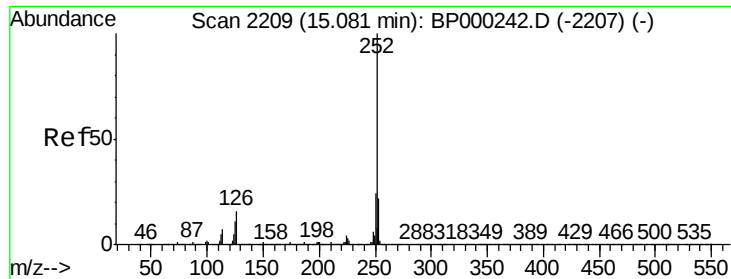


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

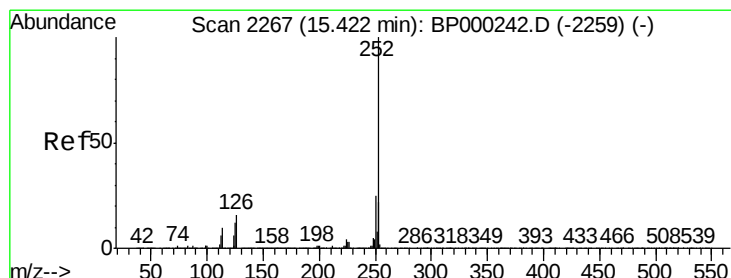
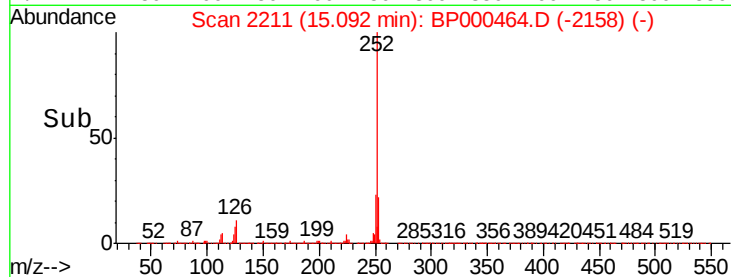
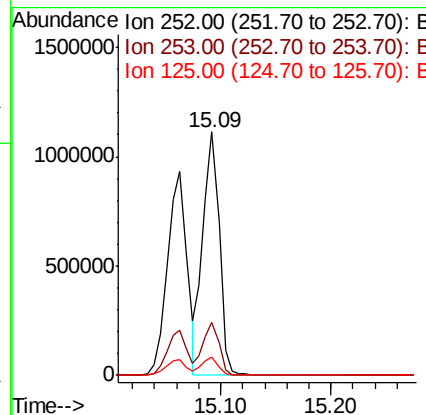
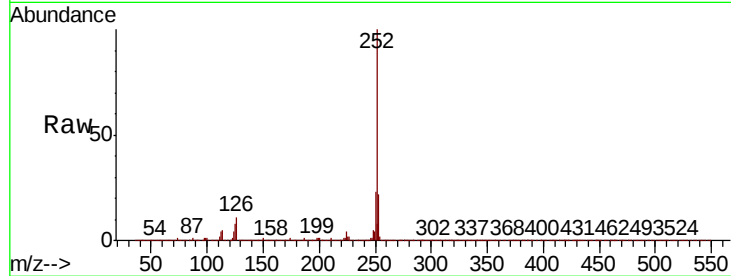




#89
Benzo(k)fluoranthene
Concen: 47.525 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

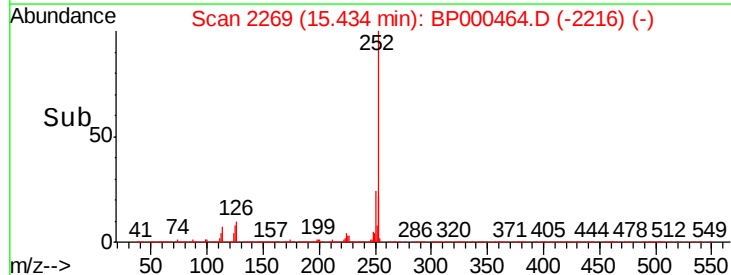
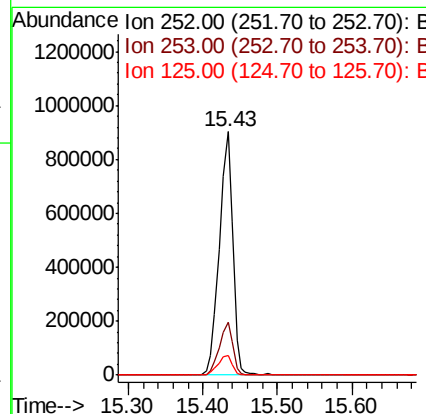
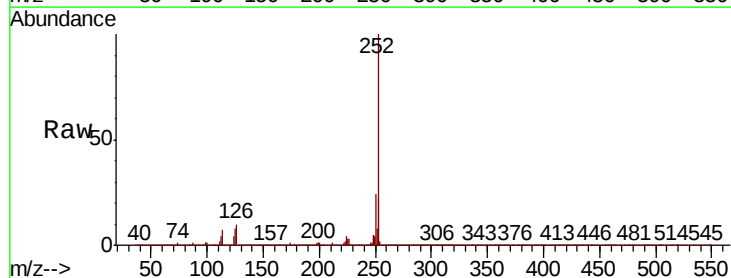
Instrument :
BNA_P
ClientSampled :

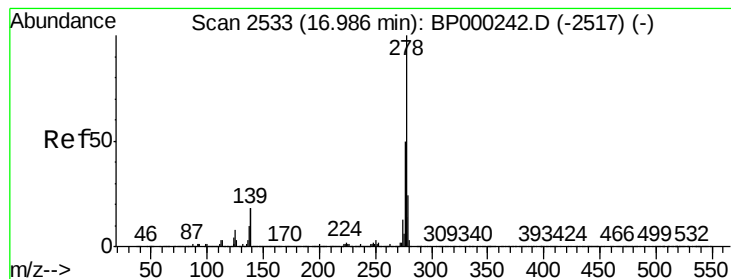
Tot Ion:252 Resp: 1126893
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 7.5 9.6 14.4#



#90
Benzo(a)pyrene
Concen: 45.590 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BP000464.D
Acq: 27 Sep 2019 16:19

Tgt Ion:252 Resp: 1127645
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.3 10.0 15.0#





#91

Dibenzo(a,h)anthracene

Concen: 49.142 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.02 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

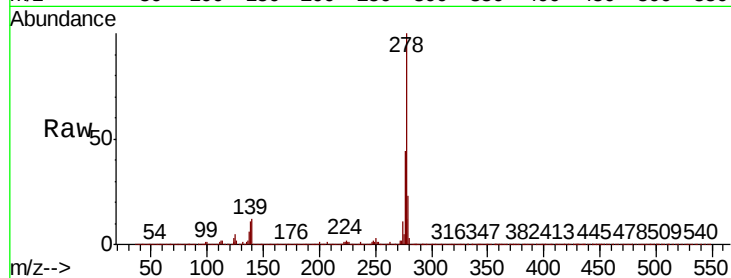
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 1133261

Ion	Ratio	Lower	Upper
278	100		
139	11.7	14.5	21.7#
279	23.2	19.0	28.6

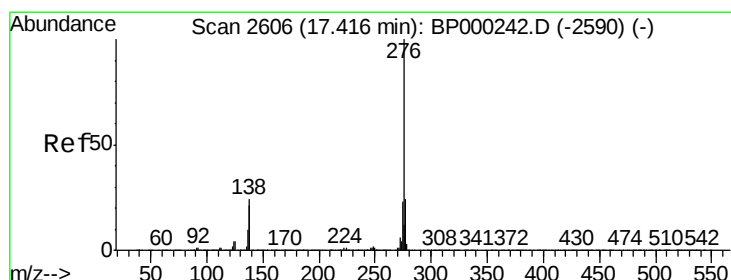
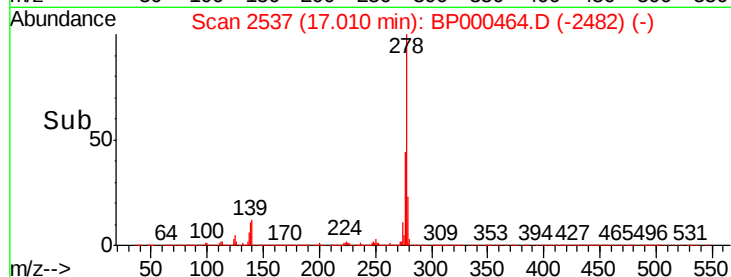
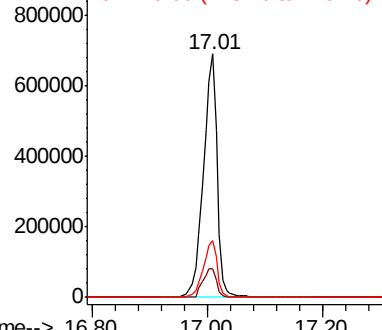


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.315 ng

RT: 17.44 min Scan# 2610

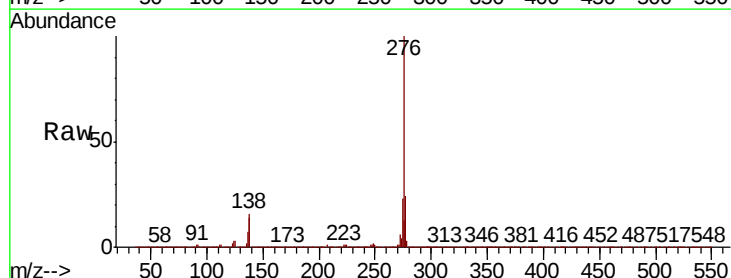
Delta R.T. 0.02 min

Lab File: BP000464.D

Acq: 27 Sep 2019 16:19

Tgt Ion:276 Resp: 1121534

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.1	28.7
138	16.2	19.5	29.3#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

