

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
 Data File : BP001536.D
 Acq On : 06 Jan 2020 18:47
 Operator : JU
 Sample : K6471-14MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B1MS

Quant Time: Jan 07 02:54:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 06 16:38:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	47568	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	176921	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	119314	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	280120	20.00	ng	0.00
76) Chrysene-d12	21.18	240	206457	20.00	ng	0.00
87) Perylene-d12	23.43	264	220333	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	269732	95.26	ng	0.00
7) Phenol-d6	6.89	99	394032	103.32	ng	0.00
23) Nitrobenzene-d5	8.83	82	273144	76.26	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	173138	128.22	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	561553	69.20	ng	0.00
79) Terphenyl-d14	19.66	244	851652	82.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	34668	29.124	ng	98
3) Pyridine	3.68	79	98618	27.255	ng	98
4) n-Nitrosodimethylamine	3.58	42	79495	51.966	ng	99
6) Aniline	7.02	93	131870	26.847	ng	97
8) 2-Chlorophenol	7.26	128	127488	43.436	ng	98
9) Benzaldehyde	6.83	77	86183	42.640	ng	97
10) Phenol	6.92	94	183329	45.696	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	130666	41.365	ng	97
12) 1,3-Dichlorobenzene	7.57	146	151013	42.005	ng	92
13) 1,4-Dichlorobenzene	7.72	146	154884	42.872	ng	99
14) 1,2-Dichlorobenzene	8.03	146	147354	42.557	ng	100
15) Benzyl Alcohol	7.94	79	141354	46.113	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	213705	48.344	ng	98
17) 2-Methylphenol	8.15	107	111510	42.526	ng	97
18) Hexachloroethane	8.75	117	54189	39.458	ng	91
19) n-Nitroso-di-n-propylamine	8.50	70	108368	43.609	ng	# 95
20) 3+4-Methylphenols	8.47	107	151629	42.934	ng	98
22) Acetophenone	8.51	105	203018	40.793	ng	97
24) Nitrobenzene	8.87	77	174449	47.285	ng	97
25) Isophorone	9.42	82	292920	42.829	ng	98
26) 2-Nitrophenol	9.58	139	66625	50.597	ng	97
27) 2,4-Dimethylphenol	9.66	122	118584	49.741	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	169095	39.421	ng	99
29) 2,4-Dichlorophenol	10.12	162	137524	47.084	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	164555	47.315	ng	95
31) Naphthalene	10.50	128	401364	43.130	ng	100
32) Benzoic acid	9.84	122	85595	51.180	ng	98
33) 4-Chloroaniline	10.62	127	72097	17.804	ng	97
34) Hexachlorobutadiene	10.80	225	113325	49.244	ng	97
35) Caprolactam	11.47	113	40060	41.127	ng	86
36) 4-Chloro-3-methylphenol	11.77	107	147432	46.047	ng	97
37) 2-Methylnaphthalene	12.13	142	303823	45.805	ng	98
38) 1-Methylnaphthalene	12.35	142	285208	45.455	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	195531	49.088	ng	100

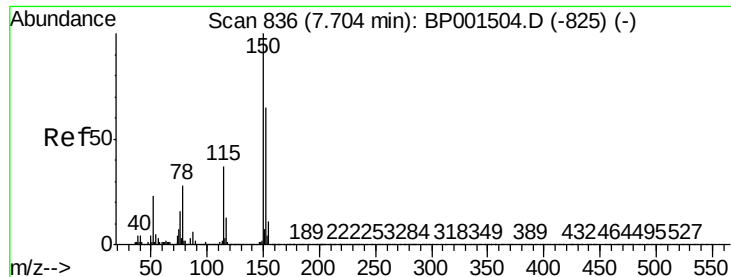
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	90735	44.125	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	124715	50.012	ng	97
44) 2,4,5-Trichlorophenol	12.83	196	134161	51.723	ng	99
46) 1,1'-Biphenyl	13.15	154	399304	44.279	ng	97
47) 2-Chloronaphthalene	13.19	162	325109	43.896	ng	98
48) 2-Nitroaniline	13.40	65	115542	53.404	ng	100
49) Acenaphthylene	14.04	152	507842	45.209	ng	99
50) Dimethylphthalate	13.80	163	440084	47.186	ng	99
51) 2,6-Dinitrotoluene	13.90	165	86020	46.897	ng	97
52) Acenaphthene	14.39	154	296642	42.079	ng	99
53) 3-Nitroaniline	14.23	138	47153	22.794	ng	96
54) 2,4-Dinitrophenol	14.43	184	26198	38.138	ng	93
55) Dibenzofuran	14.73	168	499574	46.263	ng	99
56) 4-Nitrophenol	14.57	139	148107	95.737	ng	93
57) 2,4-Dinitrotoluene	14.70	165	116230	47.002	ng	99
58) Fluorene	15.38	166	384854	46.788	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	125502	55.437	ng	98
60) Diethylphthalate	15.18	149	394599	42.032	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	217837	49.100	ng	98
62) 4-Nitroaniline	15.40	138	69465	33.452	ng	96
63) Azobenzene	15.67	77	420336	46.346	ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	21010	23.044	ng	93
66) n-Nitrosodiphenylamine	15.60	169	348098	42.880	ng	98
67) 4-Bromophenyl-phenylether	16.28	248	141157	45.500	ng	98
68) Hexachlorobenzene	16.39	284	156678	44.894	ng	98
69) Atrazine	16.57	200	138462	48.131	ng	99
70) Pentachlorophenol	16.74	266	187544	104.449	ng	96
71) Phenanthrene	17.12	178	684601	45.060	ng	100
72) Anthracene	17.22	178	673792	44.746	ng	99
73) Carbazole	17.49	167	587524	42.167	ng	99
74) Di-n-butylphthalate	18.07	149	660287	37.336	ng	100
75) Fluoranthene	19.10	202	813584	44.236	ng	98
77) Benzidine	19.29	184	559859	118.595	ng	99
78) Pyrene	19.46	202	809728	54.048	ng	99
80) Butylbenzylphthalate	20.36	149	265459	41.185	ng	99
81) Benzo(a)anthracene	21.17	228	667730	46.094	ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	262574	51.064	ng	98
83) Chrysene	21.22	228	636446	45.820	ng	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	355300	37.617	ng	99
85) Di-n-octyl phthalate	22.02	149	570210	34.712	ng	99
86) Indeno(1,2,3-cd)pyrene	25.72	276	695067	41.116	ng	99
88) Benzo(b)fluoranthene	22.76	252	641891	47.051	ng	98
89) Benzo(k)fluoranthene	22.80	252	601206	46.006	ng	99
90) Benzo(a)pyrene	23.33	252	567375	44.429	ng	100
91) Dibenzo(a,h)anthracene	25.73	278	581965	45.852	ng	98
92) Benzo(g,h,i)perylene	26.40	276	588594	46.496	ng	98

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

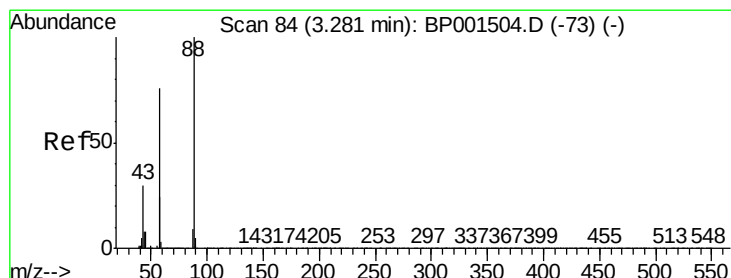
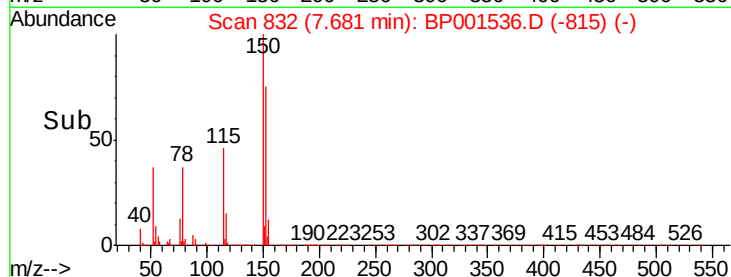
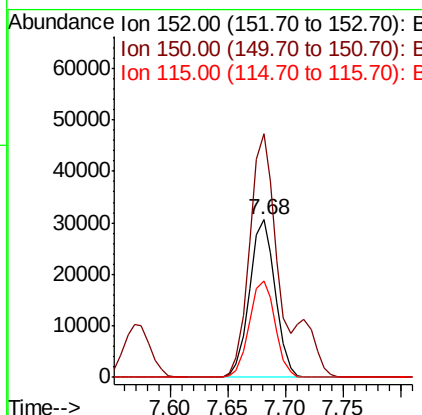
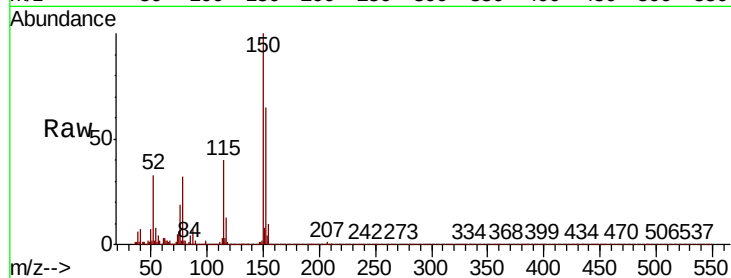


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

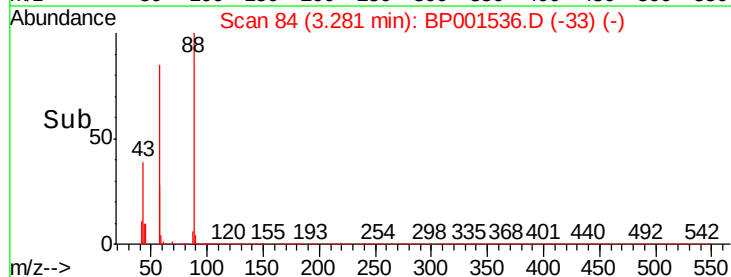
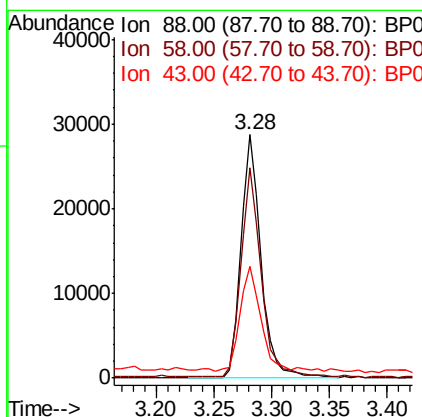
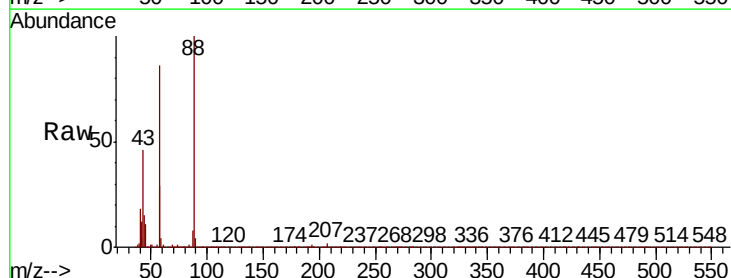
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	117.9	176.9
115	61.5	50.3	75.5

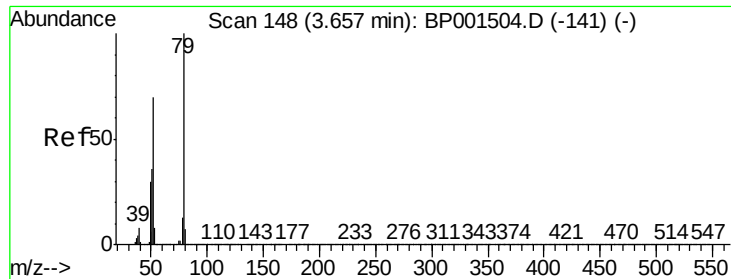


#2

1,4-Dioxane
Concen: 29.124 ng
RT: 3.28 min Scan# 84
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.1	71.4	107.2
43	45.9	35.1	52.7





#3

Pvridine

Concen: 27.255 ng

RT: 3.68 min Scan# 152

Delta R.T. -0.01 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

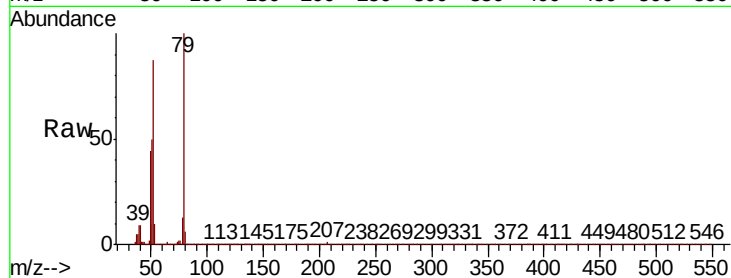
Tot Ion: 79 Resp: 98618

Ion Ratio Lower Upper

79 100

52 86.9 71.8 107.8

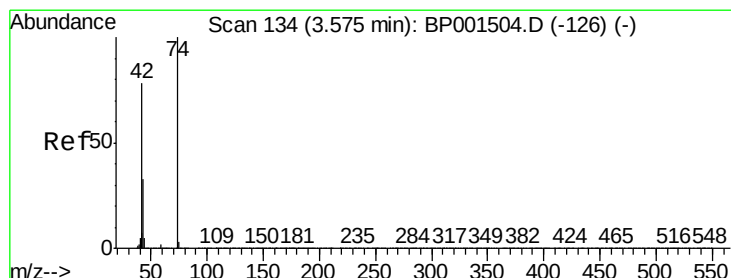
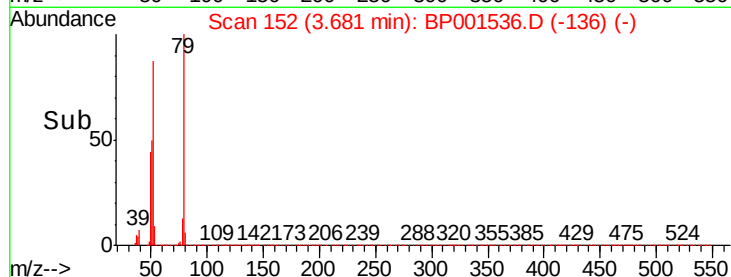
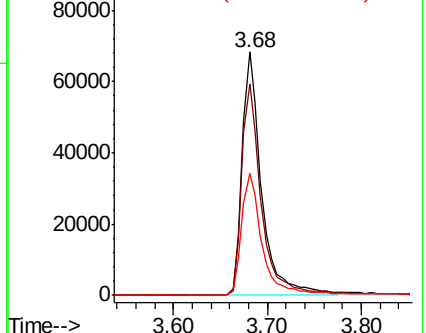
51 50.0 39.8 59.6



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 51.966 ng

RT: 3.58 min Scan# 134

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

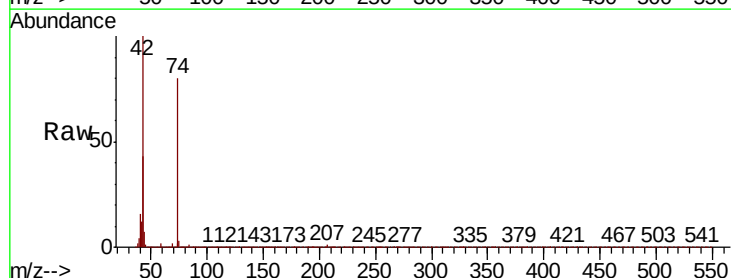
Tgt Ion: 42 Resp: 79495

Ion Ratio Lower Upper

42 100

74 79.9 63.0 94.6

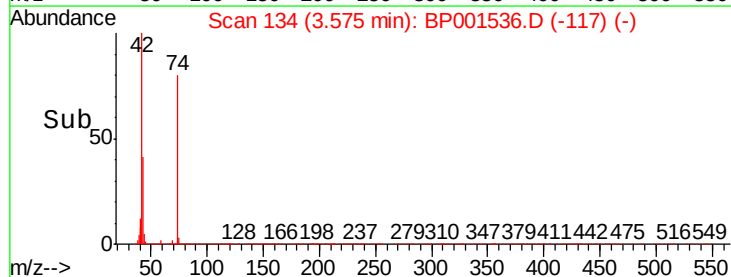
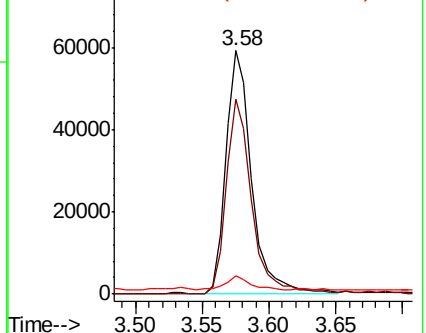
44 7.4 6.1 9.1

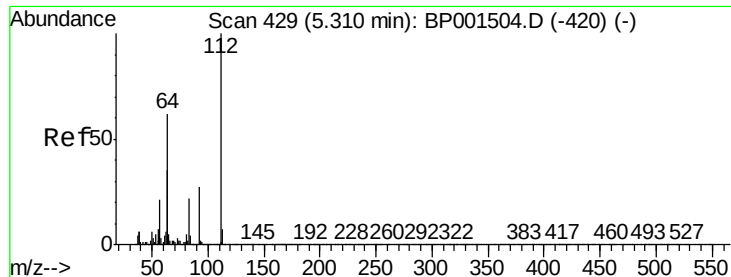


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 95.264 ng

RT: 5.32 min Scan# 431

Delta R.T. 0.01 min

Lab File: BP001536.D

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Instrument :

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ClientSampleId :

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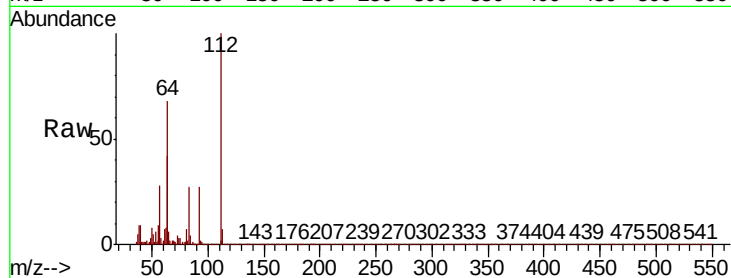
Tot Ion:112 Resp: 269732

Ion Ratio Lower Upper

112 100

64 68.2 52.6 79.0

63 42.5 32.6 48.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0

250000

200000

150000

100000

50000

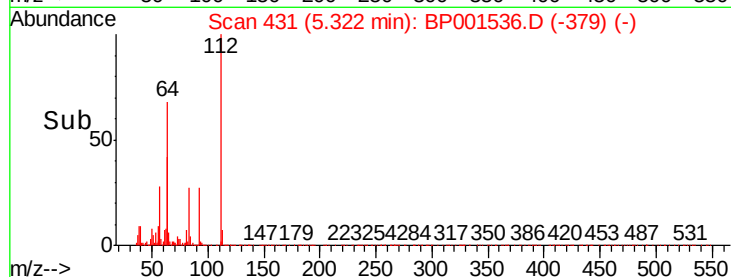
0

5.32

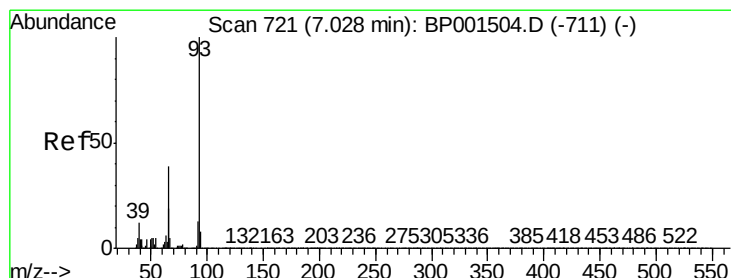
5.20

5.30

5.40



Time-->



#6

Aniline

Concen: 26.847 ng

RT: 7.02 min Scan# 720

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

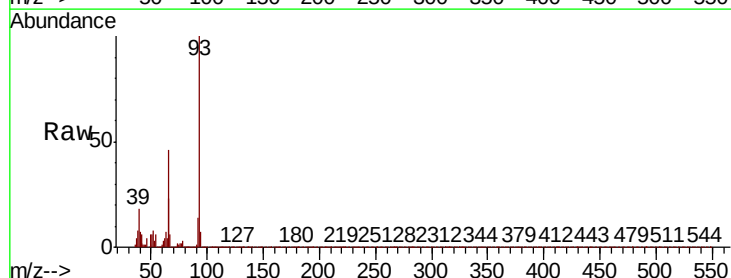
Tgt Ion: 93 Resp: 131870

Ion Ratio Lower Upper

93 100

66 46.3 35.4 53.0

65 23.3 18.1 27.1



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

120000

100000

80000

60000

40000

20000

0

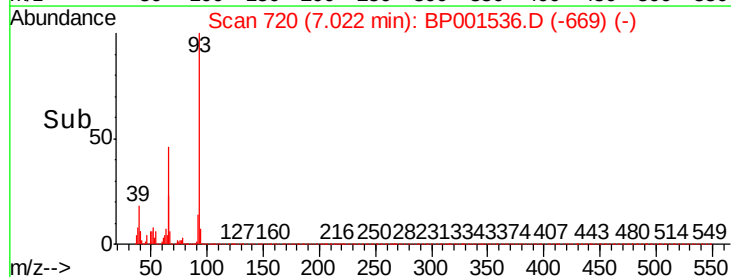
7.02

6.95

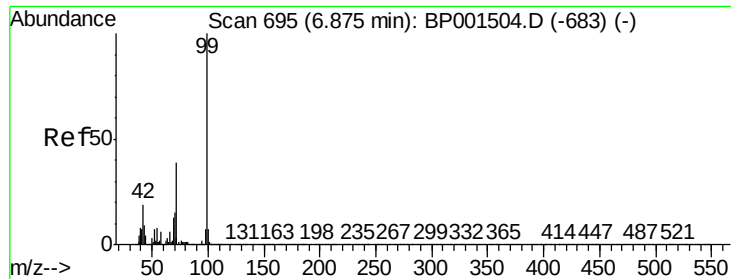
7.00

7.05

7.10



Time-->



#7

Phenol-d6

Concen: 103.321 ng

RT: 6.89 min Scan# 698

Delta R.T. 0.01 min

Lab File: BP001536.D

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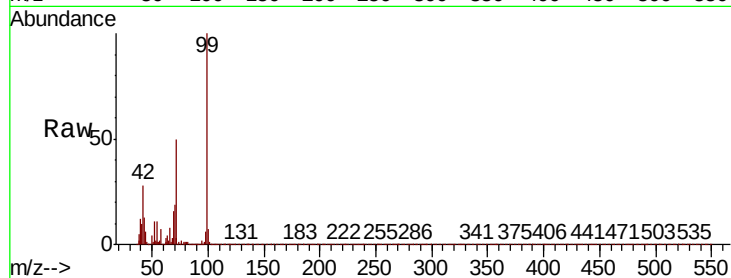
Tot Ion: 99 Resp: 394032

Ion Ratio Lower Upper

99 100

42 28.1 21.2 31.8

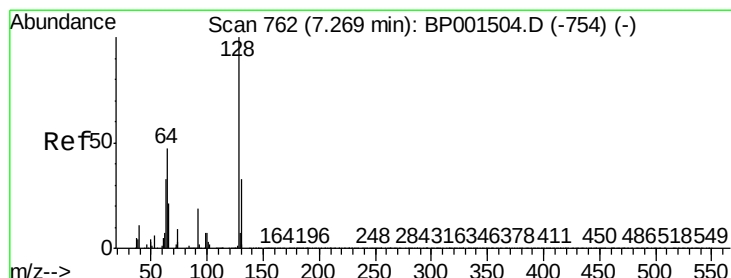
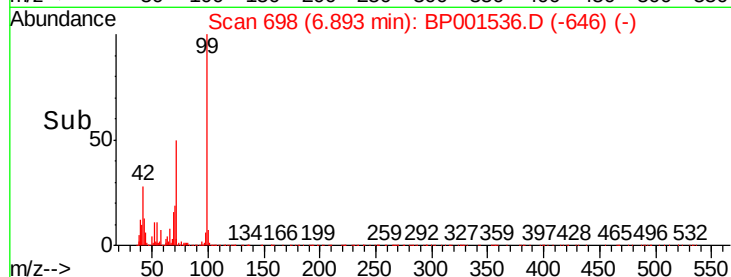
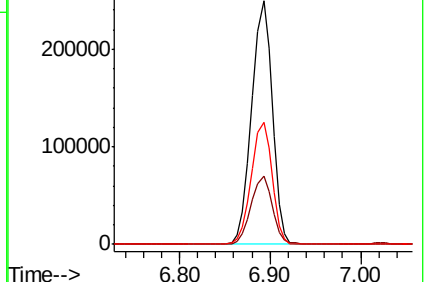
71 50.1 40.0 60.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 43.436 ng

RT: 7.26 min Scan# 761

Delta R.T. 0.01 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

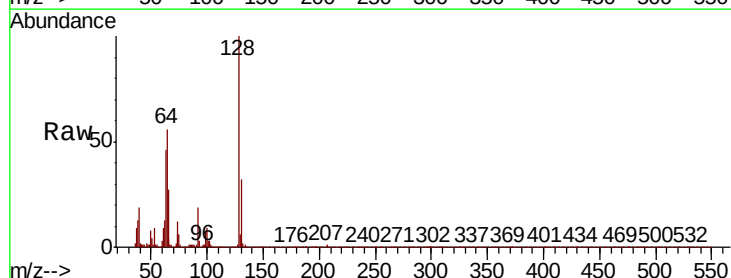
Tgt Ion: 128 Resp: 127488

Ion Ratio Lower Upper

128 100

130 31.9 14.2 54.2

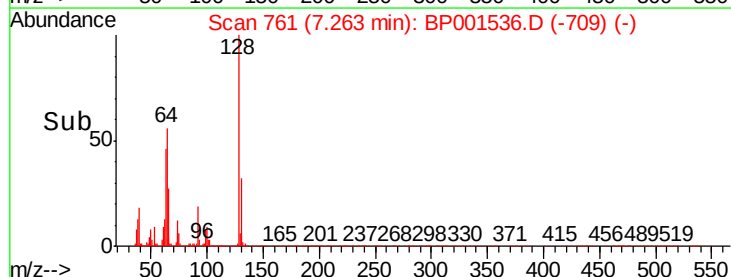
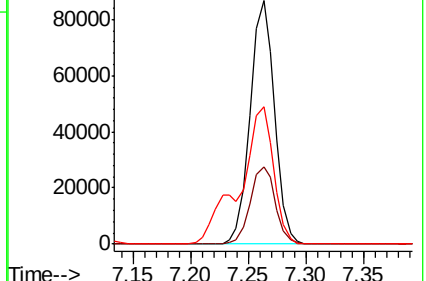
64 56.4 37.1 77.1

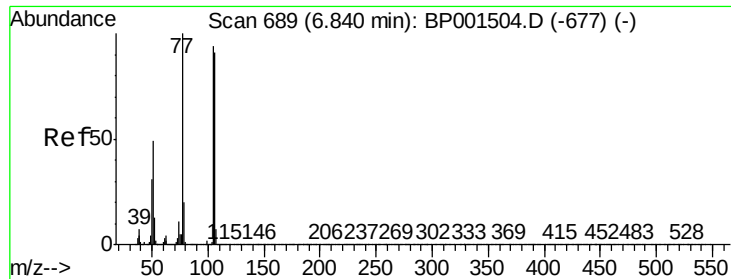


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 42.640 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.00 min

Lab File: BP001536.D

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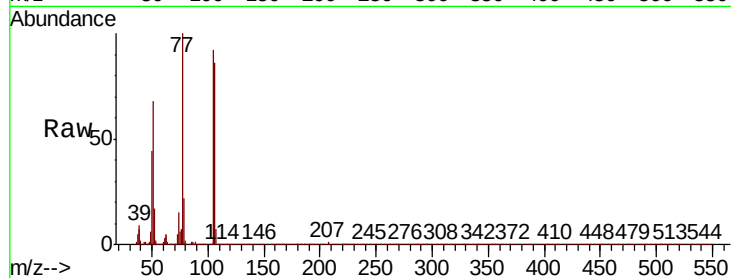
Tot Ion: 77 Resp: 86183

Ion Ratio Lower Upper

77 100

105 92.4 69.2 109.2

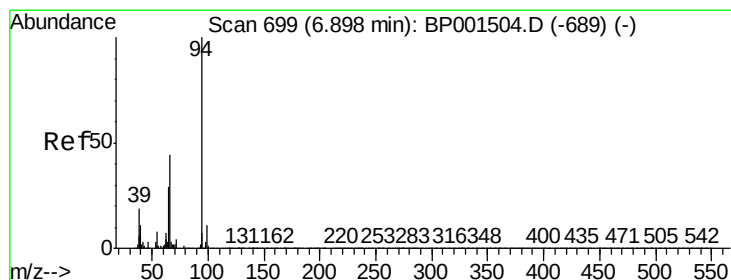
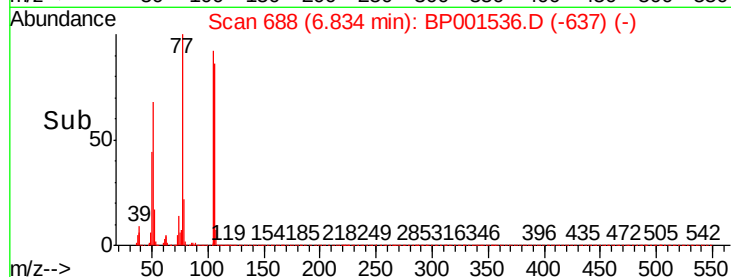
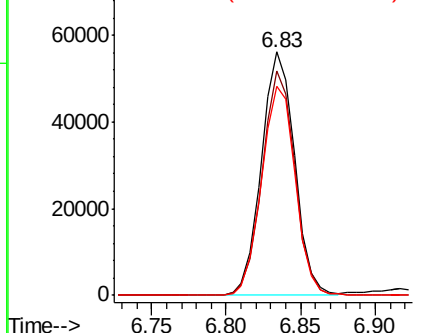
106 86.1 64.2 104.2



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: 45.696 ng

RT: 6.92 min Scan# 702

Delta R.T. 0.01 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

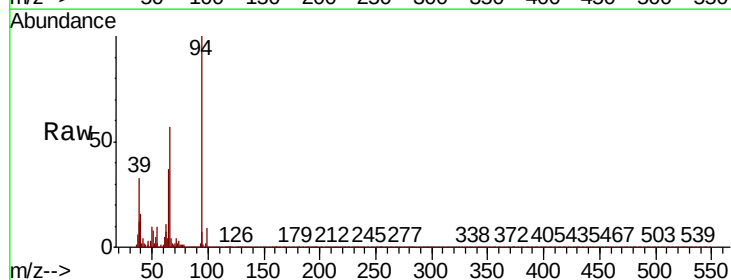
Tgt Ion: 94 Resp: 183329

Ion Ratio Lower Upper

94 100

65 36.5 15.7 55.7

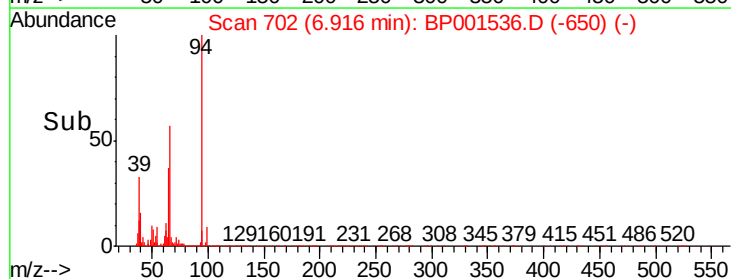
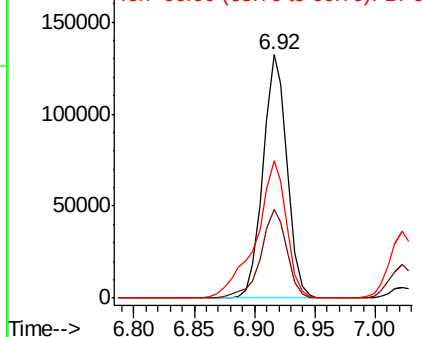
66 56.5 37.8 77.8

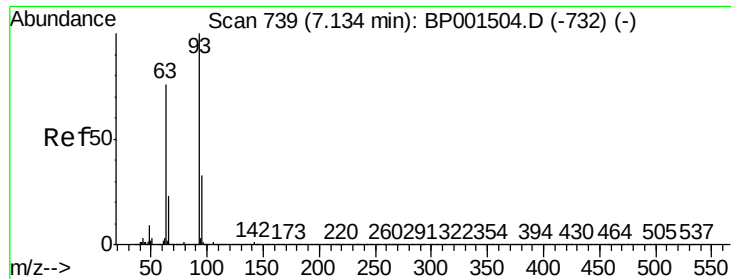


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

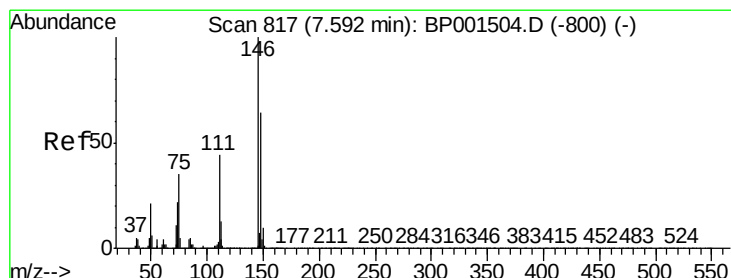
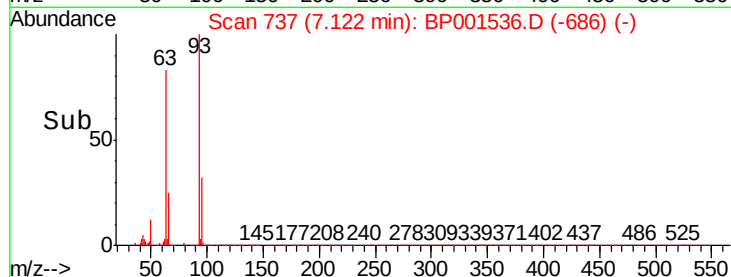
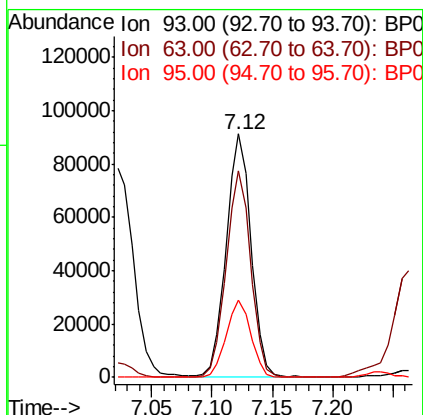
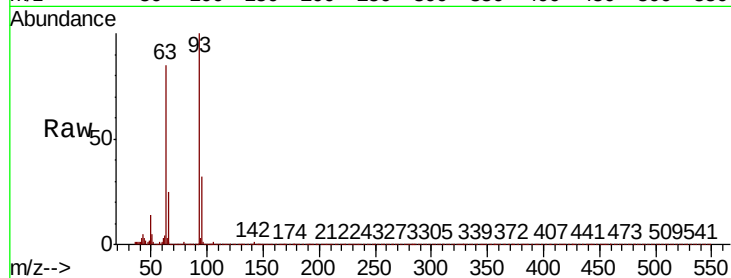




#11
bis(2-Chloroethyl)ether
Concen: 41.365 ng
RT: 7.12 min Scan# 737
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

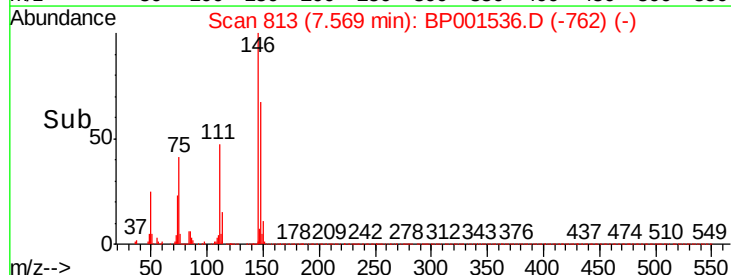
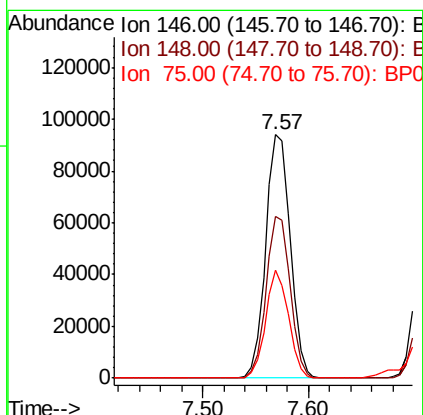
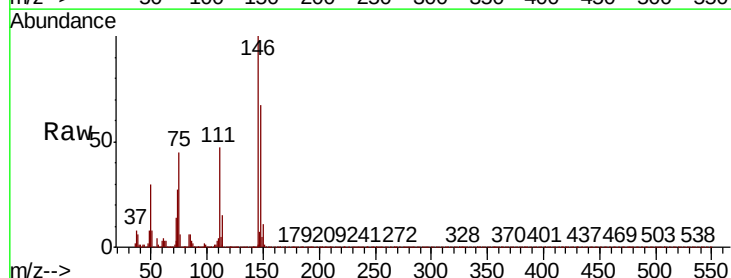
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

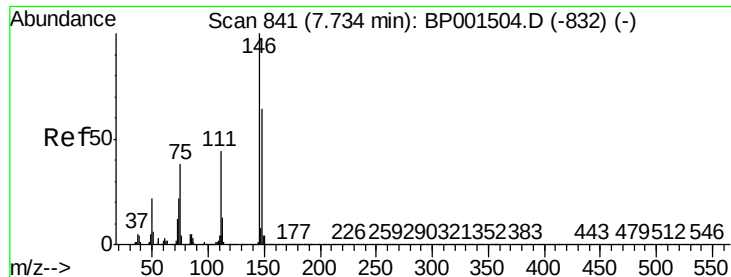
Tot Ion: 93 Resp: 130666
Ion Ratio Lower Upper
93 100
63 84.6 61.5 101.5
95 32.0 10.3 50.3



#12
1,3-Dichlorobenzene
Concen: 42.005 ng
RT: 7.57 min Scan# 813
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion: 146 Resp: 151013
Ion Ratio Lower Upper
146 100
148 66.5 48.1 72.1
75 44.6 32.6 48.8

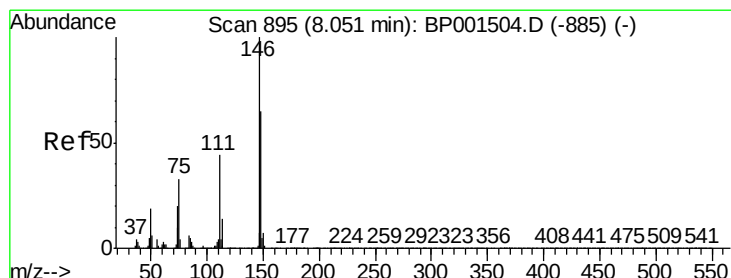
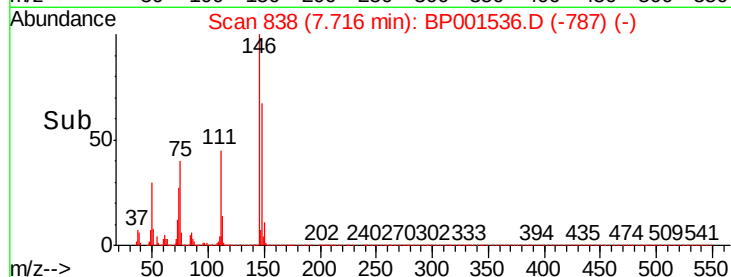
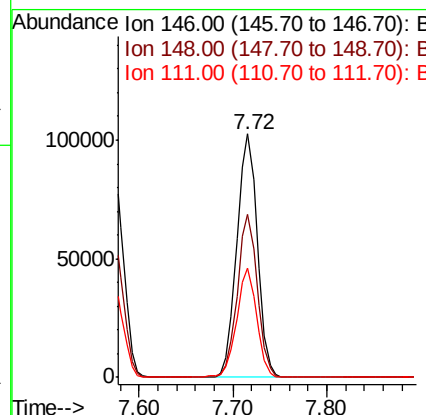
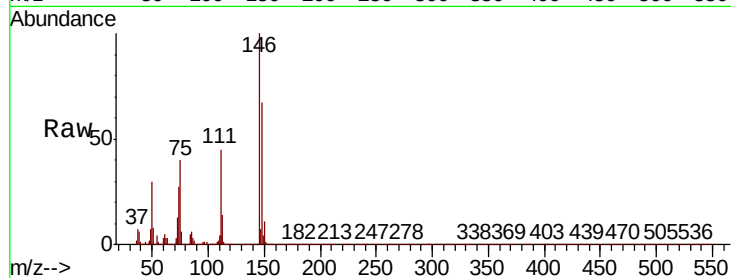




#13
1,4-Dichlorobenzene
Concen: 42.872 ng
RT: 7.72 min Scan# 838
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

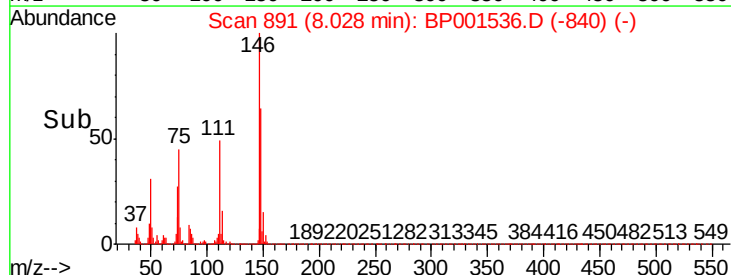
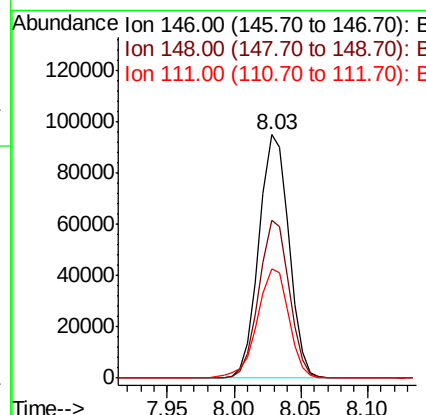
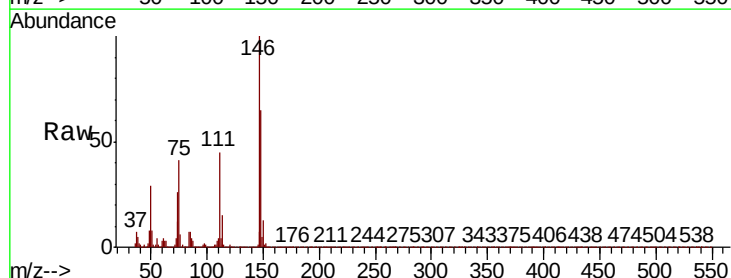
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

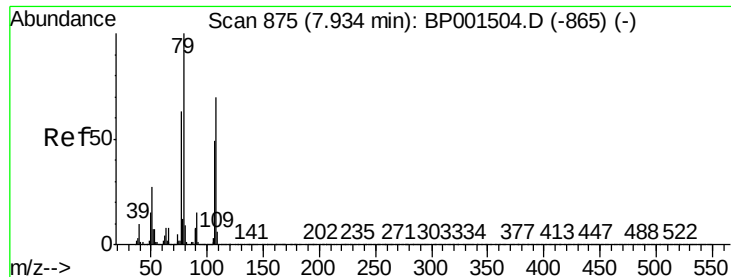
Tot Ion:146 Resp: 154884
Ion Ratio Lower Upper
146 100
148 66.8 52.2 78.4
111 44.8 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 42.557 ng
RT: 8.03 min Scan# 891
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion:146 Resp: 147354
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.8
111 45.1 35.9 53.9





#15

Benzyl Alcohol

Concen: 46.113 ng

RT: 7.94 min Scan# 876

Delta R.T. 0.01 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

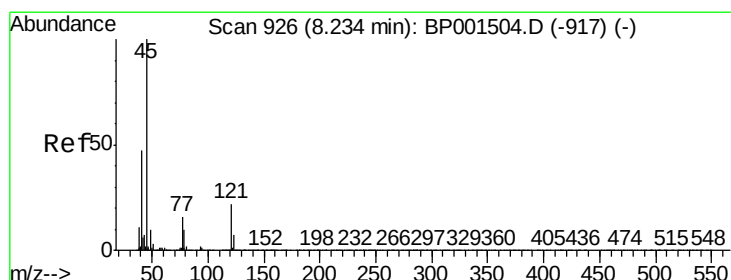
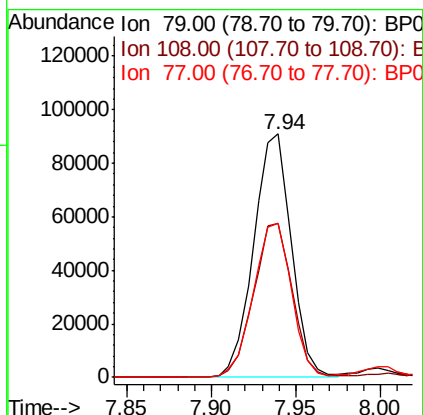
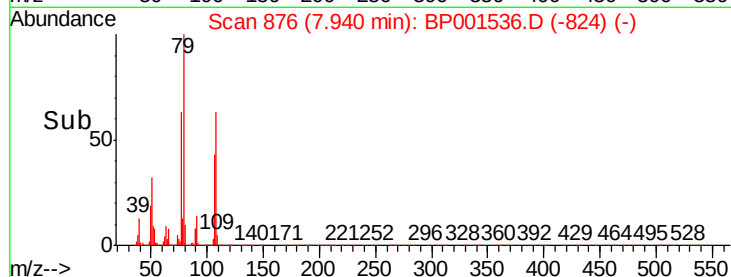
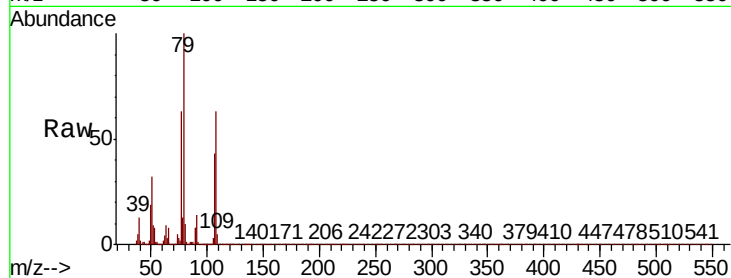
Tot Ion: 79 Resp: 141354

Ion Ratio Lower Upper

79 100

108 63.2 50.2 75.4

77 63.4 51.8 77.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.344 ng

RT: 8.22 min Scan# 923

Delta R.T. -0.01 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

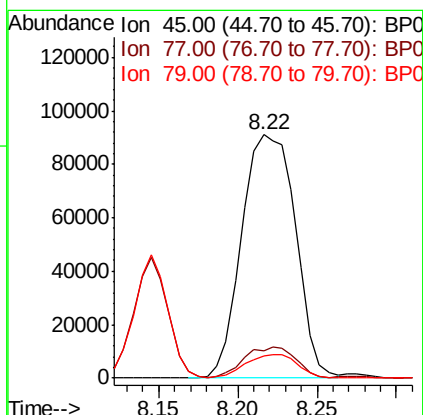
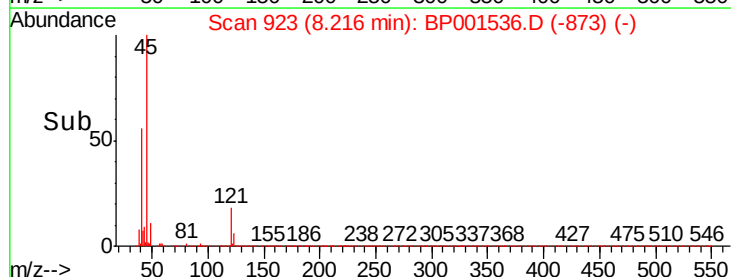
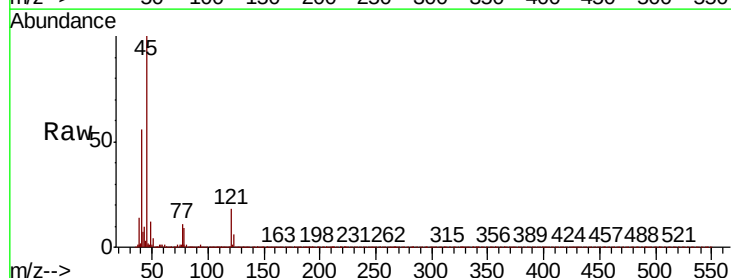
Tgt Ion: 45 Resp: 213705

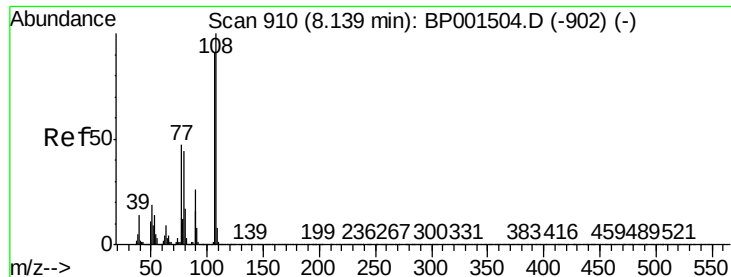
Ion Ratio Lower Upper

45 100

77 11.4 0.0 32.4

79 9.0 0.0 29.3

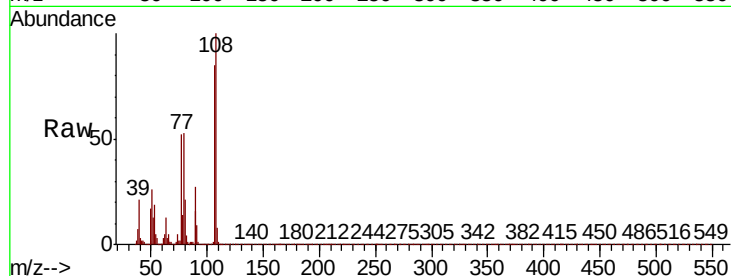




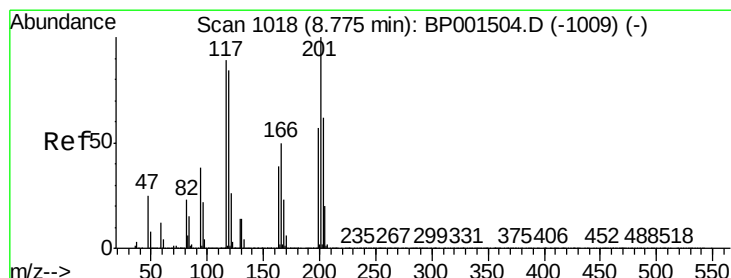
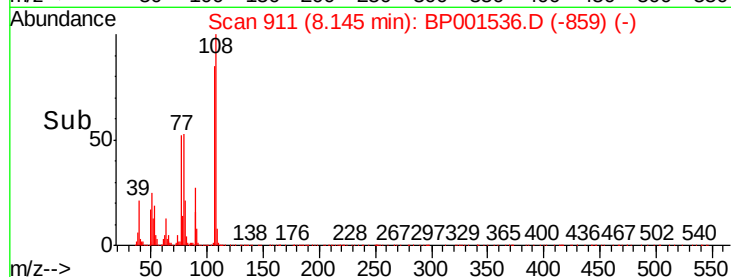
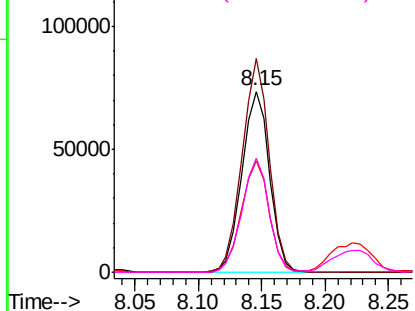
#17
2-Methylphenol
Concen: 42.526 ng
RT: 8.15 min Scan# 911
Delta R.T. 0.01 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

Tot Ion:	107	Resp:	111510
Ion	Ratio	Lower	Upper
107	100		
108	118.0	91.4	137.2
77	61.7	48.3	72.5
79	62.9	48.4	72.6

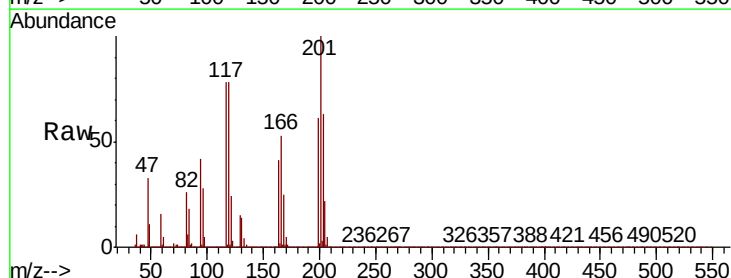


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

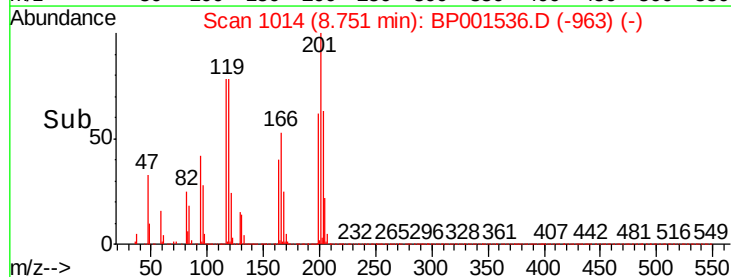
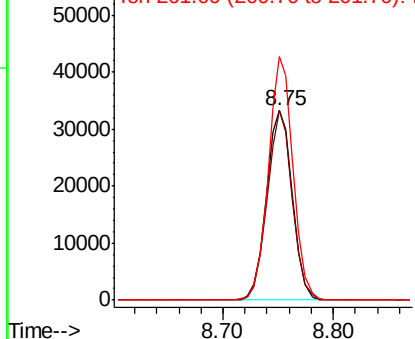


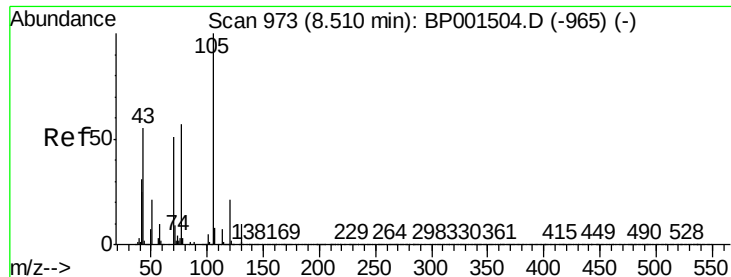
#18
Hexachloroethane
Concen: 39.458 ng
RT: 8.75 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion:	117	Resp:	54189
Ion	Ratio	Lower	Upper
117	100		
119	100.2	71.5	107.3
201	128.4	95.8	143.8



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

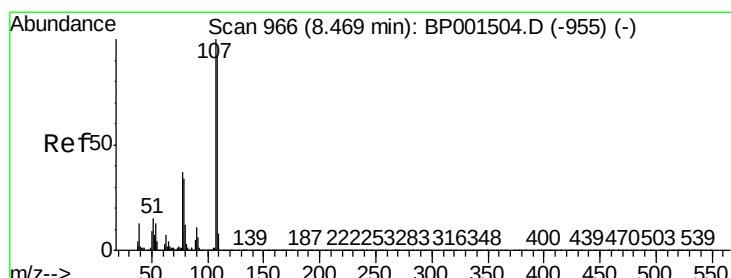
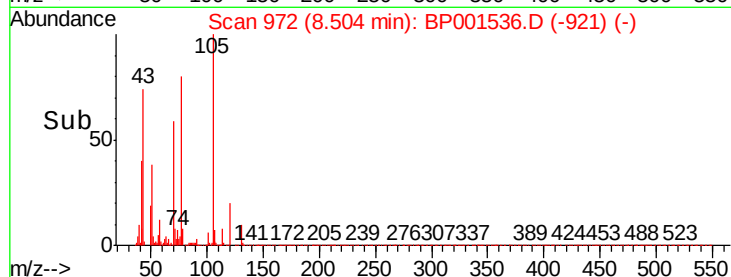
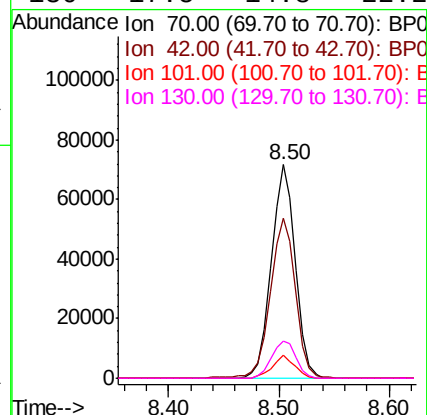
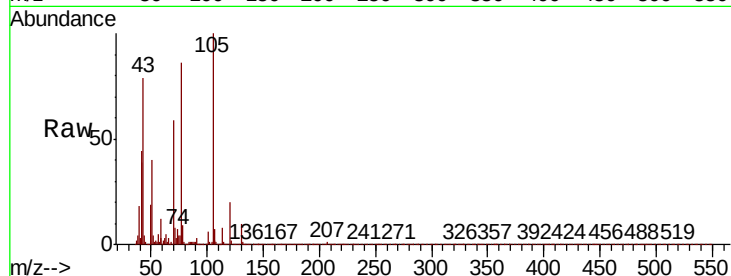




#19
n-Nitroso-di-n-propylamine
Concen: 43.609 ng
RT: 8.50 min Scan# 972
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

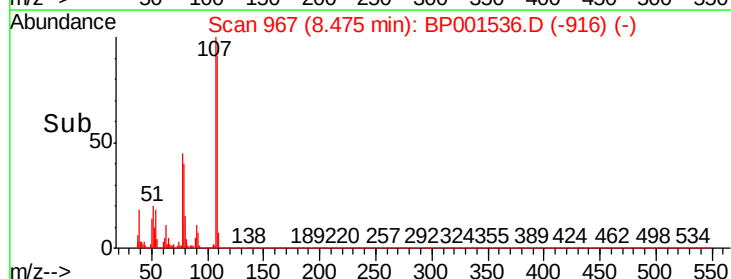
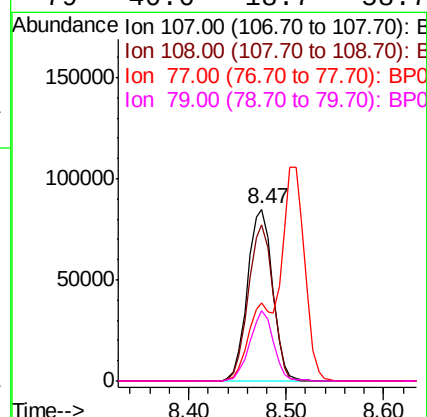
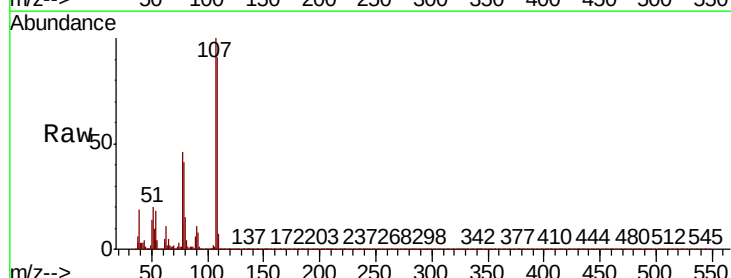
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

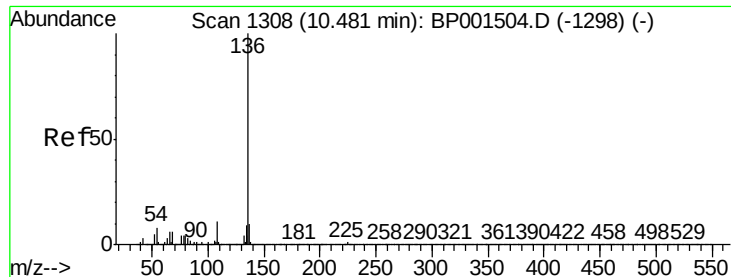
Tot Ion:	70	Resp:	108368
Ion	Ratio	Lower	Upper
70	100		
42	74.8	64.0	96.0
101	10.6	6.2	9.4#
130	17.5	14.8	22.2



#20
3+4-Methylphenols
Concen: 42.934 ng
RT: 8.47 min Scan# 967
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion:	107	Resp:	151629
Ion	Ratio	Lower	Upper
107	100		
108	91.0	72.5	112.5
77	45.6	23.8	63.8
79	40.6	18.7	58.7

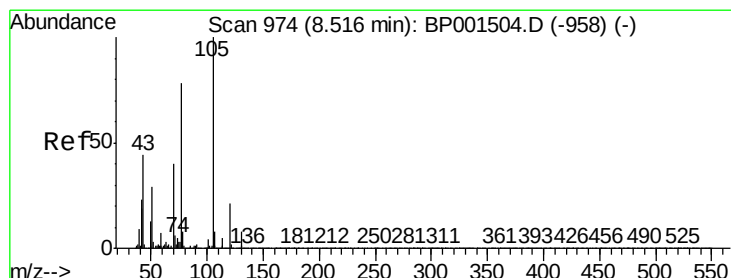
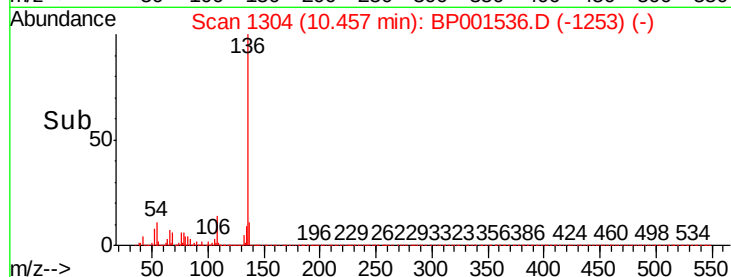
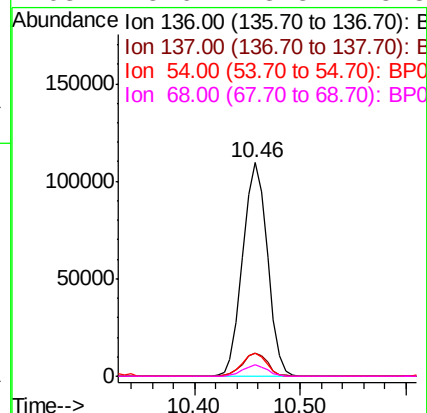
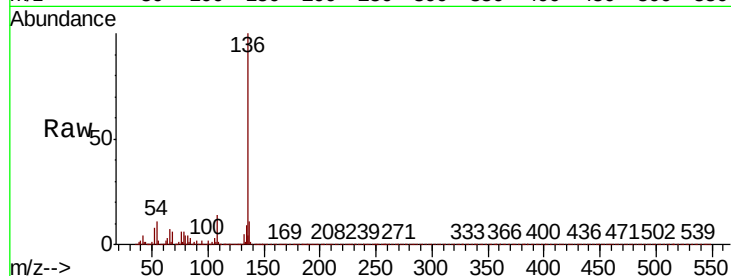




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

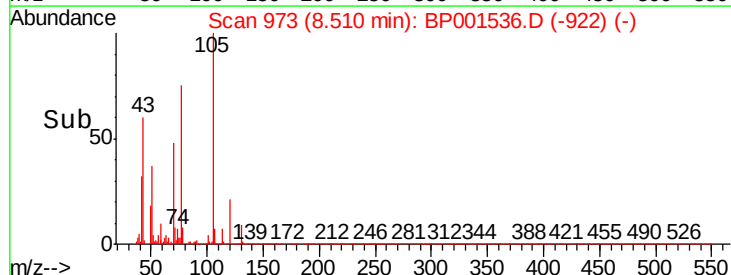
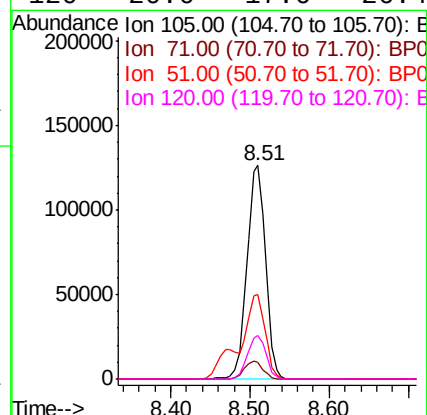
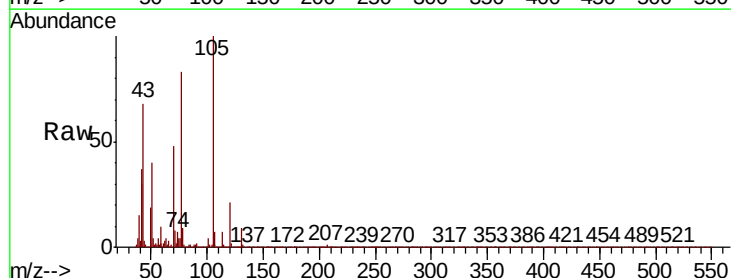
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

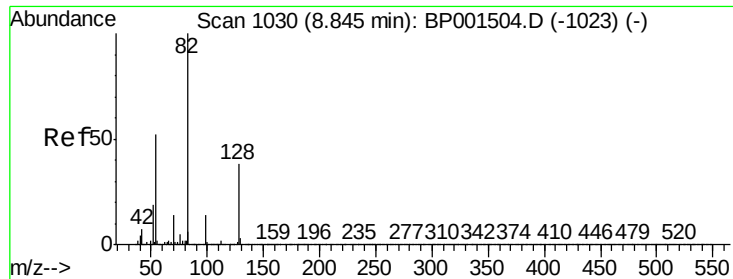
Tot Ion:136	Resp:	176921	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.4	12.6	
54 11.0	8.4	12.6	
68 5.6	3.8	5.8	



#22
Acetophenone
Concen: 40.793 ng
RT: 8.51 min Scan# 973
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt	Ion:105	Resp:	203018
Ion	Ratio	Lower	Upper
105	100		
71	8.0	6.2	9.4
51	39.5	33.4	50.0
120	20.6	17.6	26.4

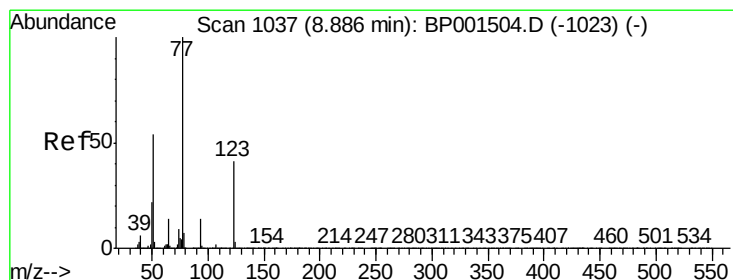
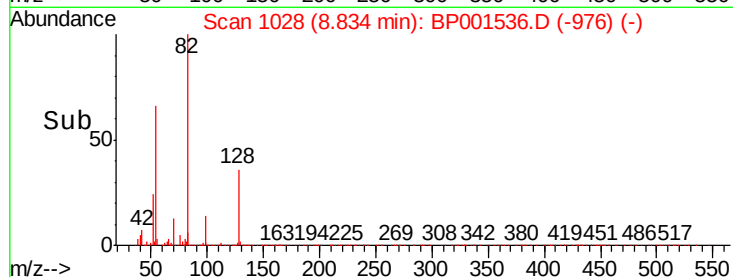
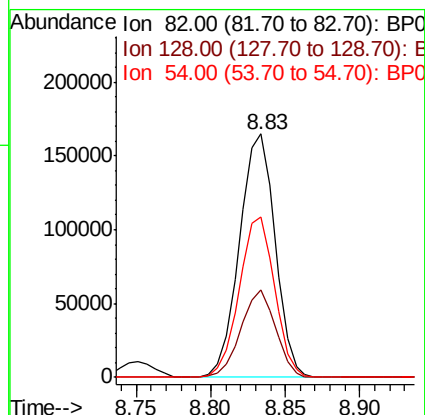
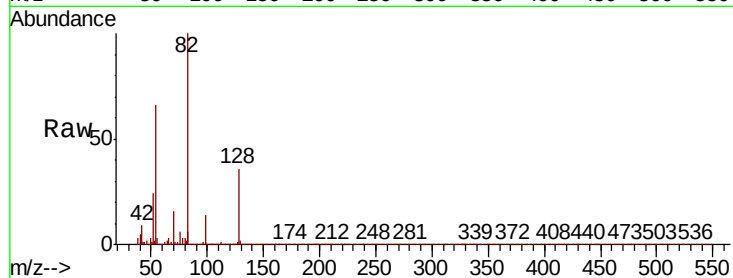




#23
Nitrobenzene-d5
Concen: 76.255 ng
RT: 8.83 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

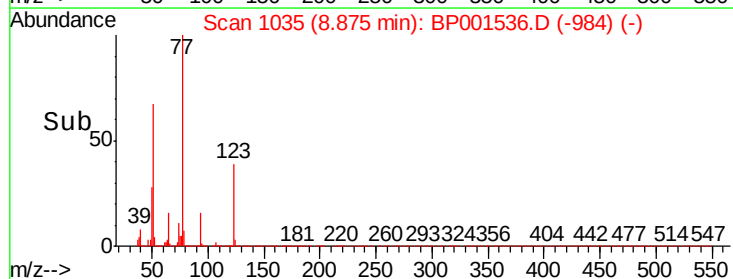
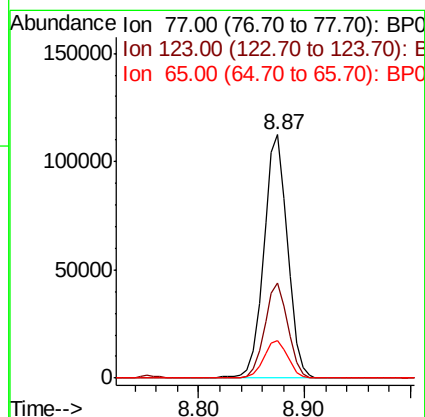
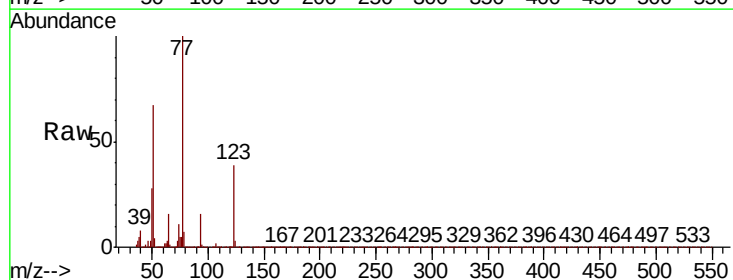
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

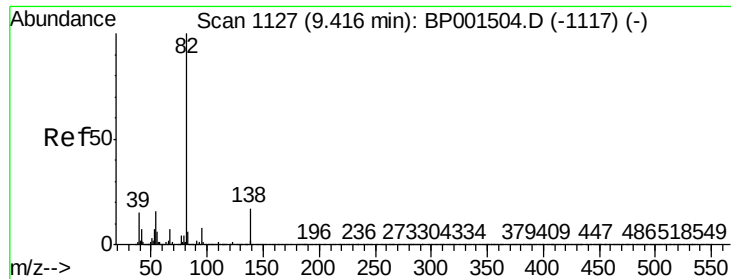
Tot Ion	82	Resp	273144
Ion Ratio	Lower	Upper	
82	100		
128	36.1	26.9	40.3
54	66.1	51.8	77.8



#24
Nitrobenzene
Concen: 47.285 ng
RT: 8.87 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion	77	Resp	174449
Ion Ratio	Lower	Upper	
77	100		
123	39.1	29.9	44.9
65	15.6	13.3	19.9





#25

Isophorone

Concen: 42.829 ng

RT: 9.42 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

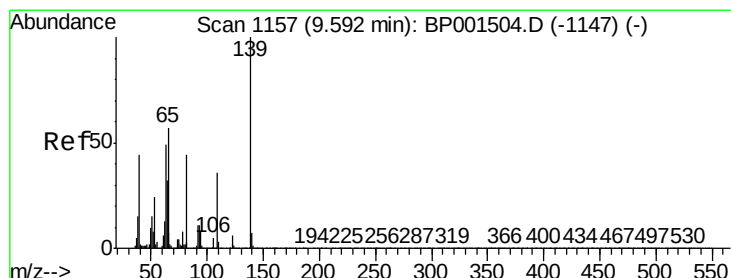
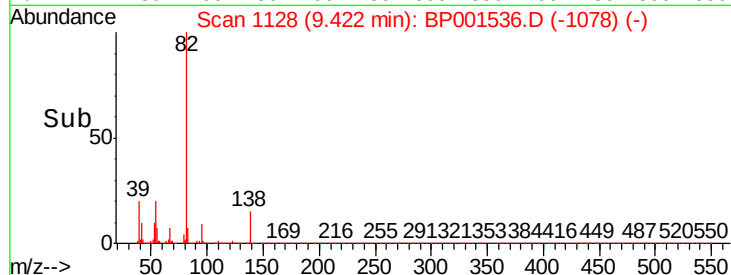
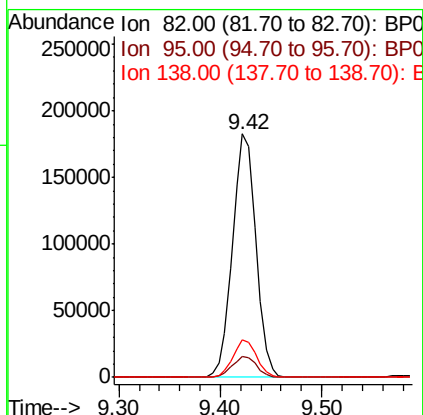
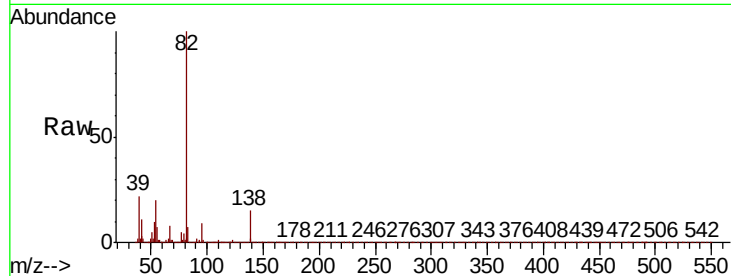
Tot Ion: 82 Resp: 292920

Ion Ratio Lower Upper

82 100

95 8.8 7.3 10.9

138 15.3 12.9 19.3



#26

2-Nitrophenol

Concen: 50.597 ng

RT: 9.58 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

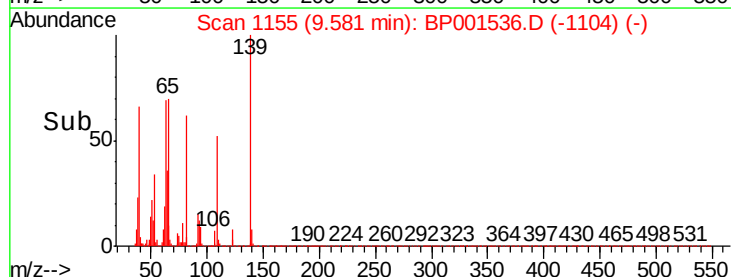
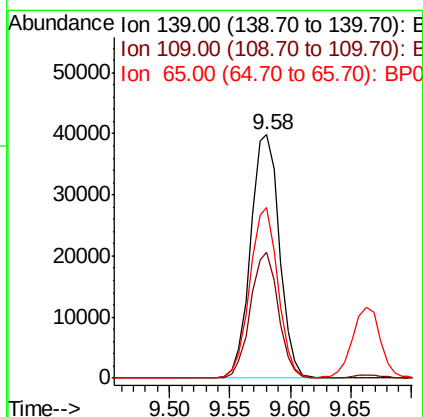
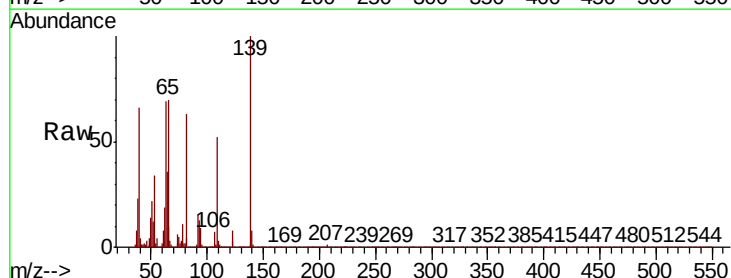
Tgt Ion: 139 Resp: 66625

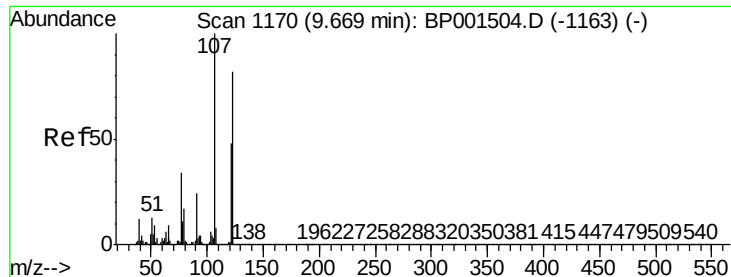
Ion Ratio Lower Upper

139 100

109 51.5 40.6 61.0

65 69.9 53.3 79.9





#27

2,4-Dimethylphenol

Concen: 49.741 ng

RT: 9.66 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

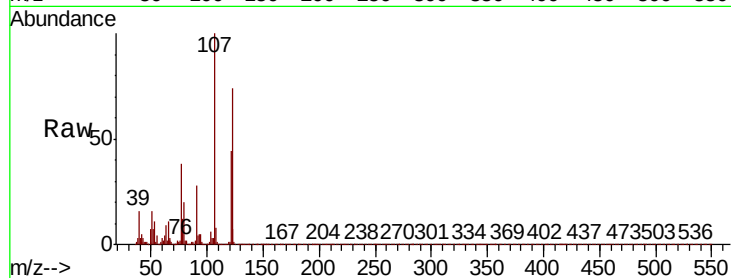
Tot Ion:122 Resp: 118584

Ion Ratio Lower Upper

122 100

107 135.8 109.3 163.9

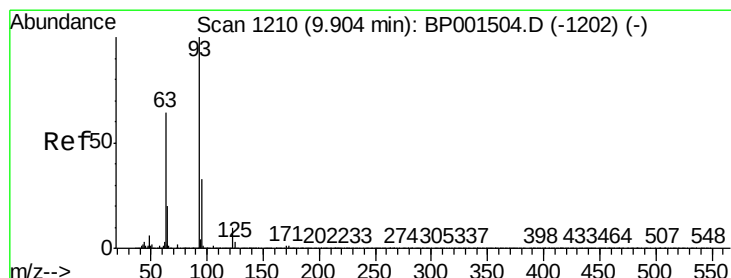
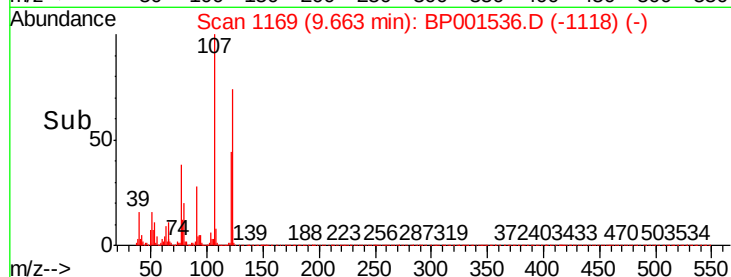
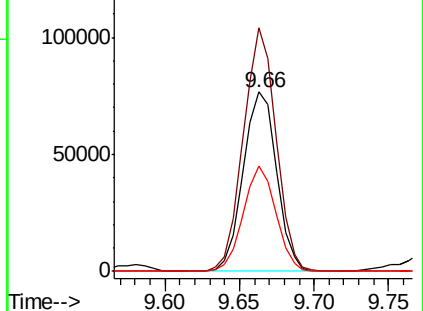
121 59.1 45.8 68.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.421 ng

RT: 9.89 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

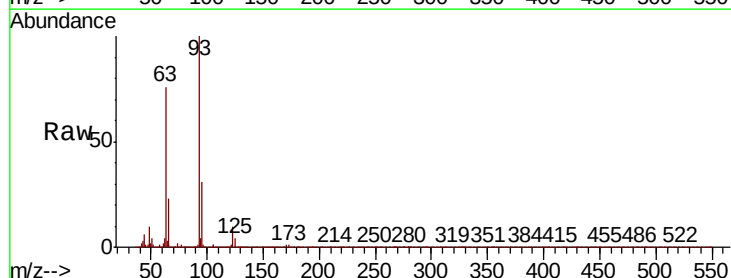
Tgt Ion: 93 Resp: 169095

Ion Ratio Lower Upper

93 100

95 31.4 25.8 38.8

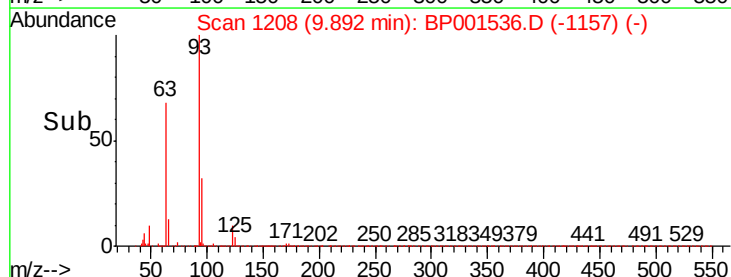
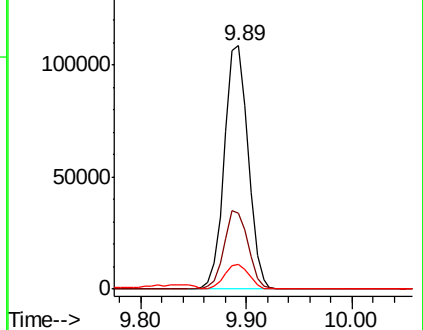
123 10.3 8.2 12.4

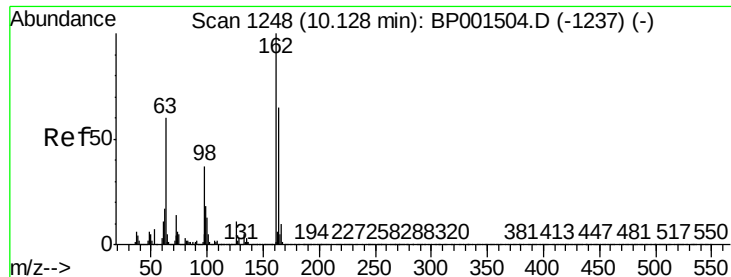


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

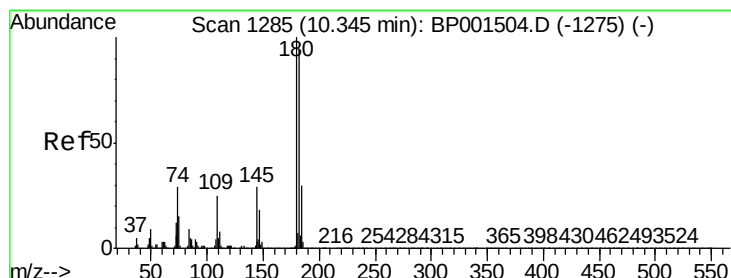
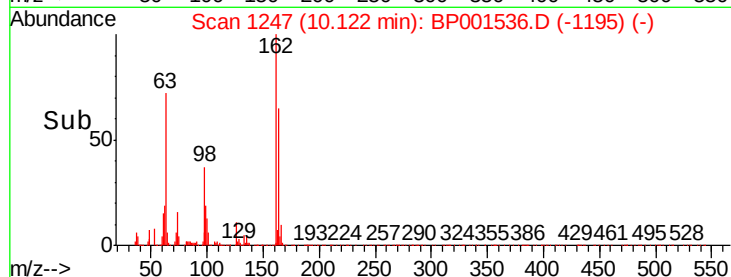
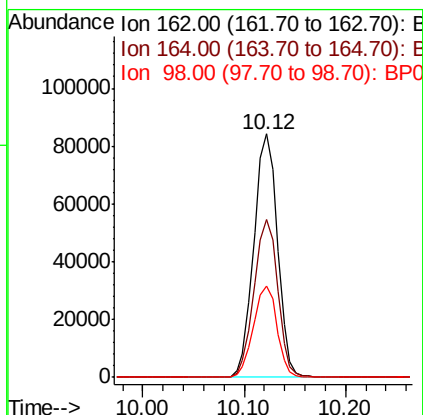
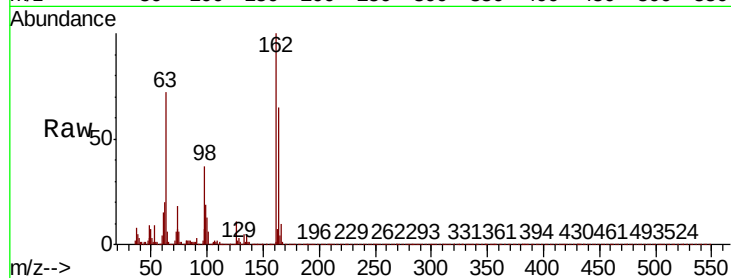




#29
2,4-Dichlorophenol
Concen: 47.084 ng
RT: 10.12 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

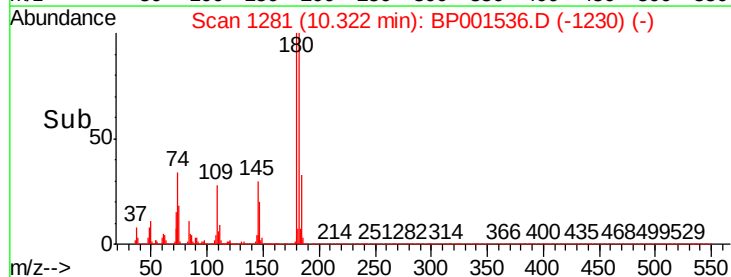
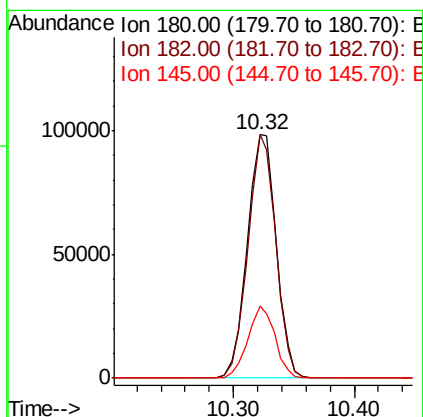
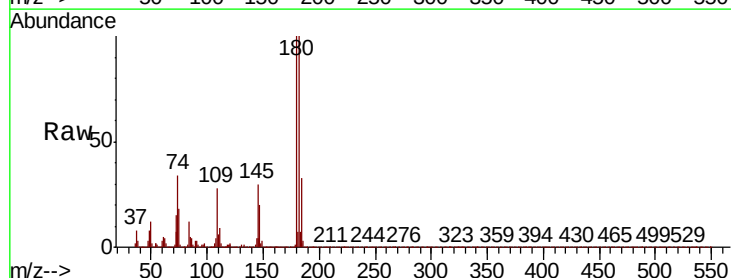
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

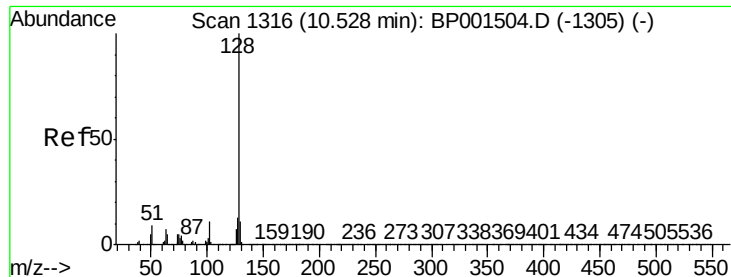
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.0	83.0
98	37.4	16.4	56.4



#30
1,2,4-Trichlorobenzene
Concen: 47.315 ng
RT: 10.32 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	75.4	113.0
145	29.5	22.7	34.1

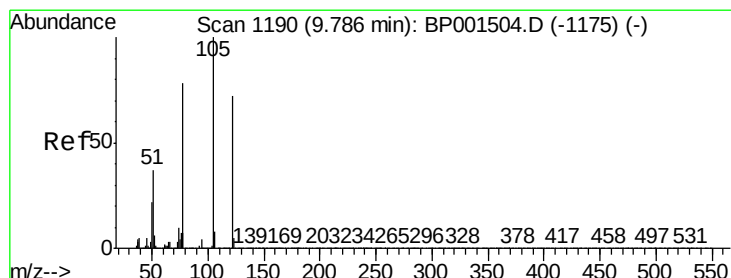
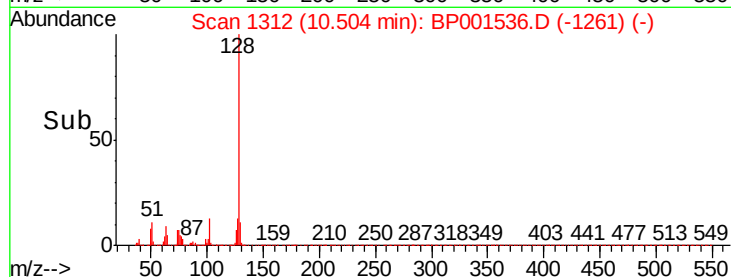
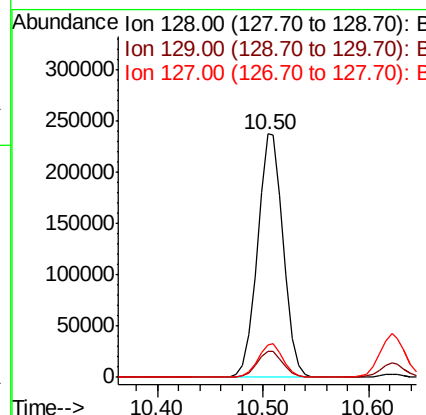
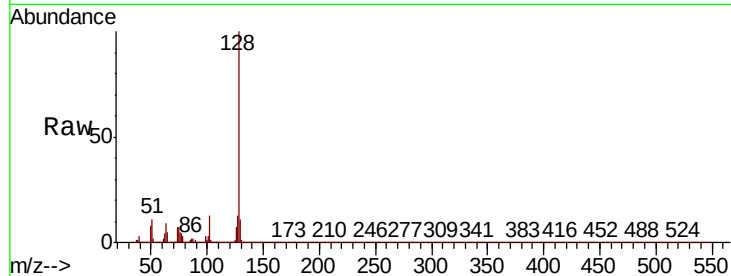




#31
Naphthalene
Concen: 43.130 ng
RT: 10.50 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

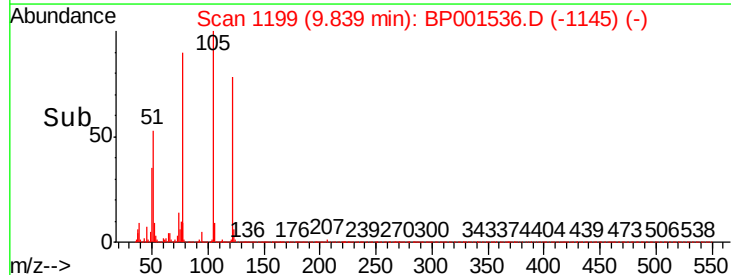
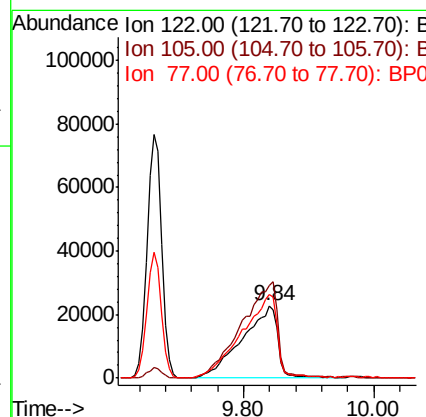
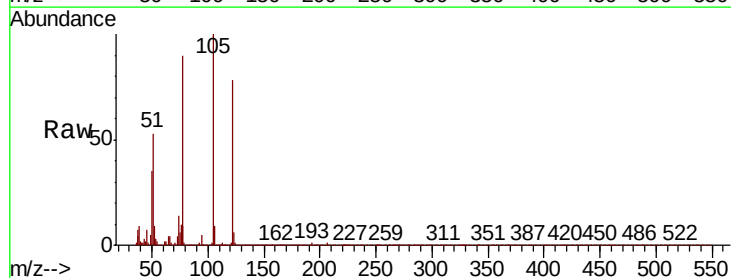
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

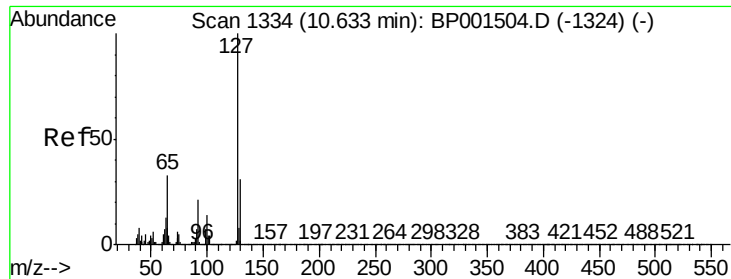
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.3	10.5	15.7



#32
Benzoic acid
Concen: 51.180 ng
RT: 9.84 min Scan# 1199
Delta R.T. 0.02 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.8	111.0	151.0
77	114.6	96.4	136.4

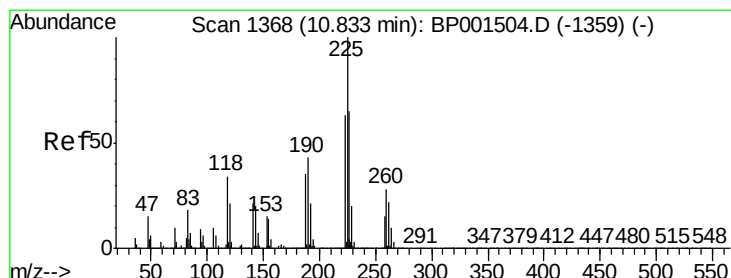
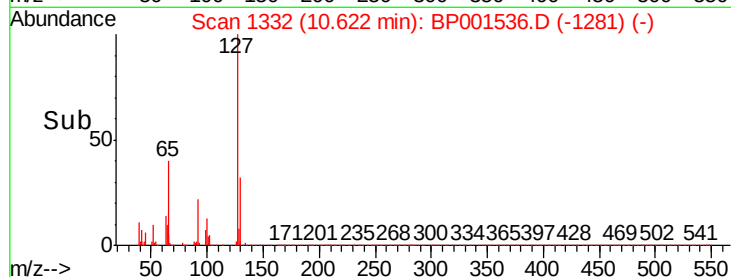
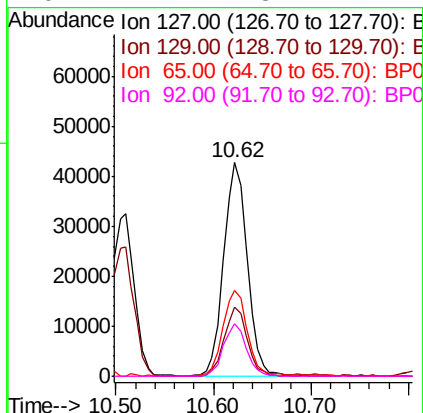
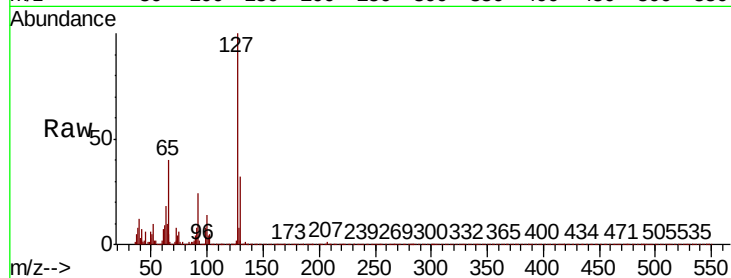




#33
4-Chloroaniline
Concen: 17.804 ng
RT: 10.62 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

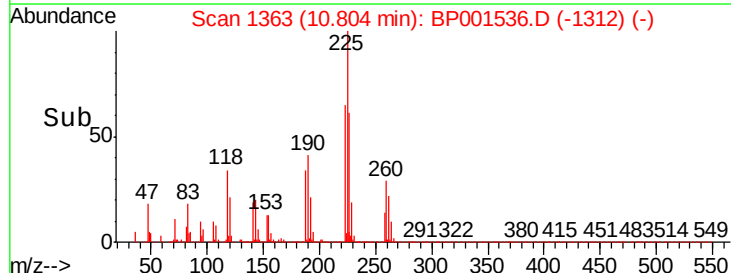
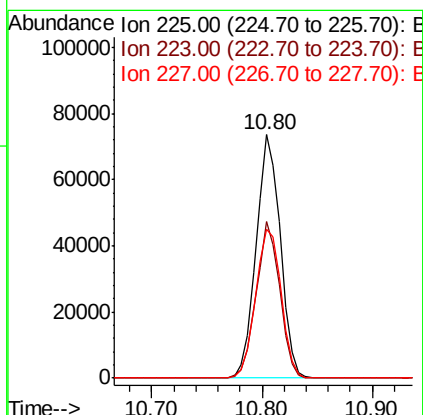
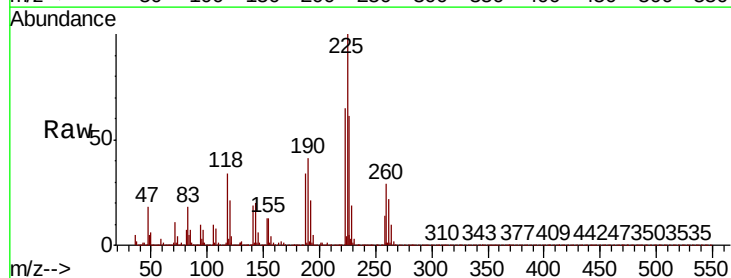
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

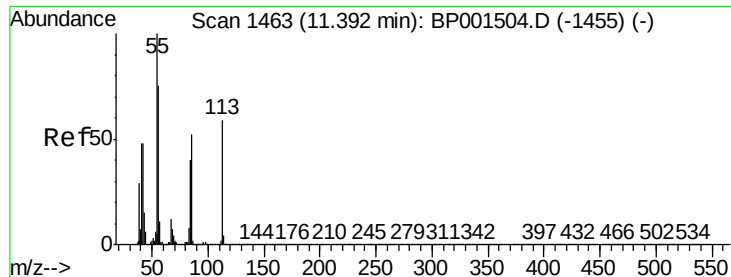
Tot Ion:	127	Resp:	72097
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.0	37.4
65	40.2	34.0	51.0
92	24.4	18.1	27.1



#34
Hexachlorobutadiene
Concen: 49.244 ng
RT: 10.80 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion:	225	Resp:	113325
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.0	73.4
227	60.9	50.1	75.1

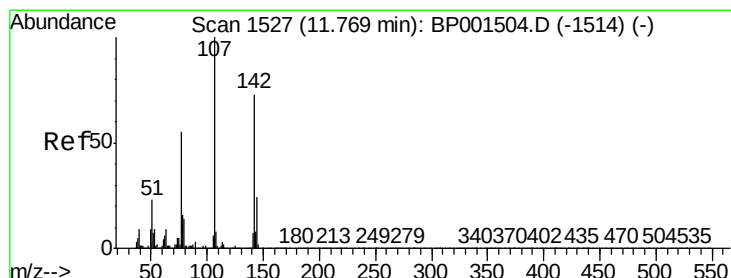
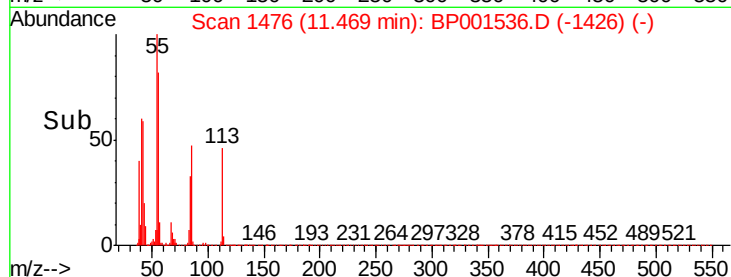
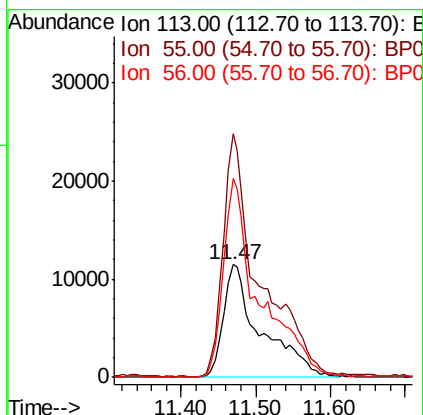
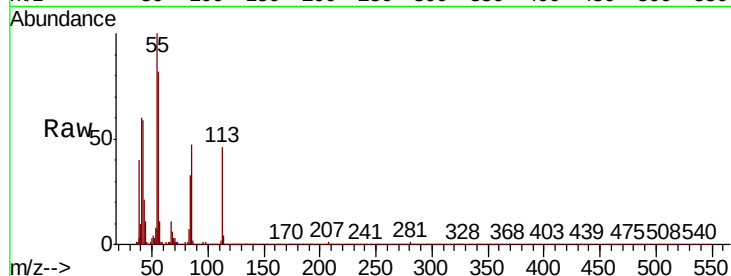




#35
 Caprolactam
 Concen: 41.127 ng
 RT: 11.47 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BP001536.D
 Acq: 06 Jan 2020 18:47

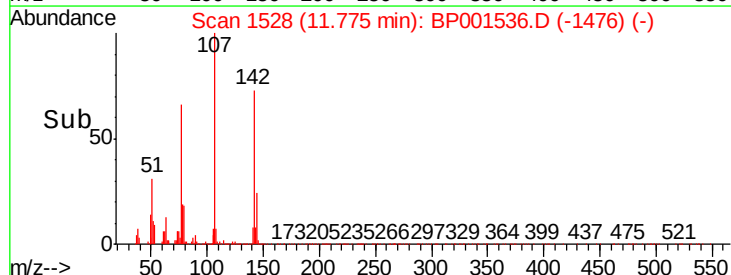
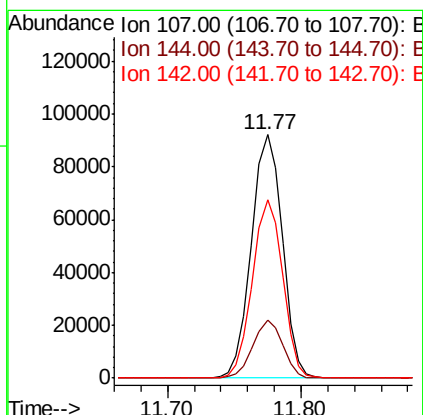
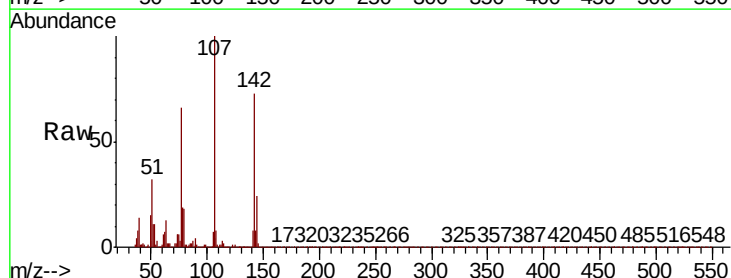
Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B1MS

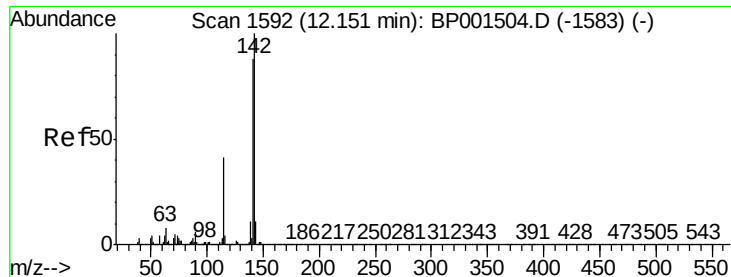
Tot Ion:113 Resp: 40060
 Ion Ratio Lower Upper
 113 100
 55 215.5 176.1 216.1
 56 176.1 137.1 177.1



#36
 4-Chloro-3-methylphenol
 Concen: 46.047 ng
 RT: 11.77 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BP001536.D
 Acq: 06 Jan 2020 18:47

Tgt Ion:107 Resp: 147432
 Ion Ratio Lower Upper
 107 100
 144 23.7 17.8 26.8
 142 73.2 56.4 84.6

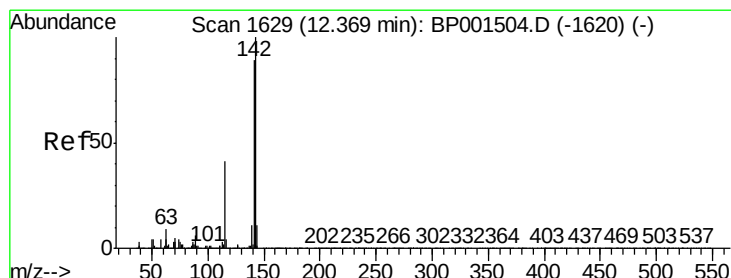
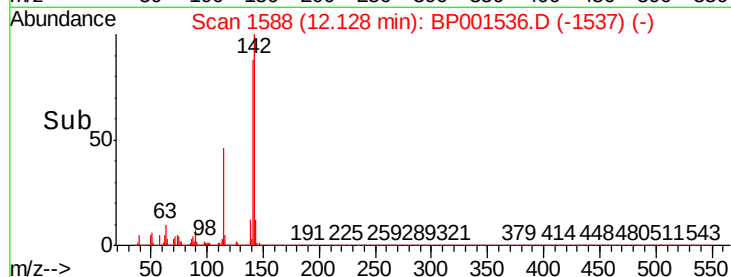
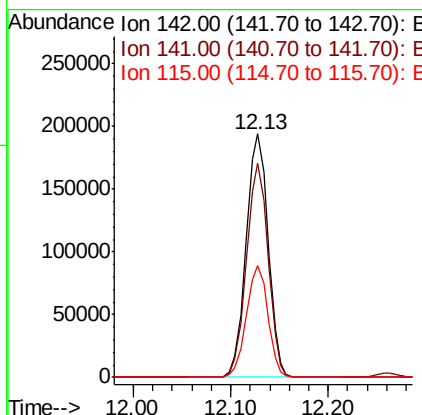
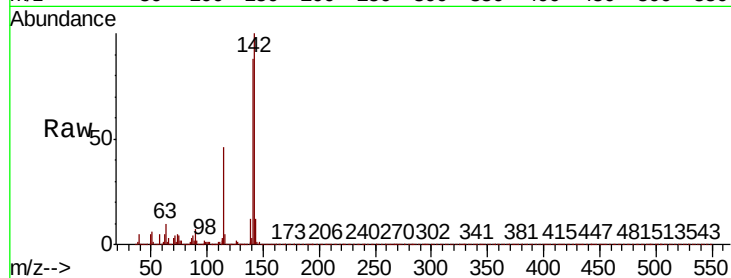




#37
2-Methylnaphthalene
Concen: 45.805 ng
RT: 12.13 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

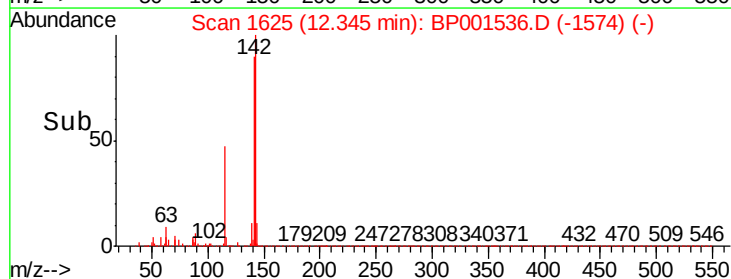
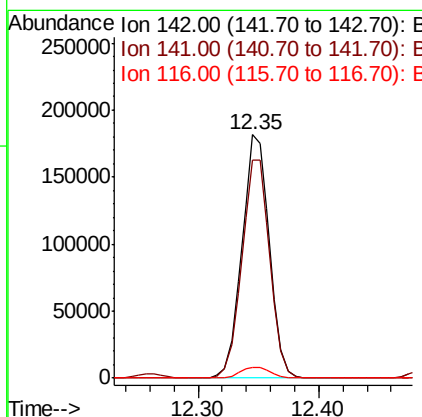
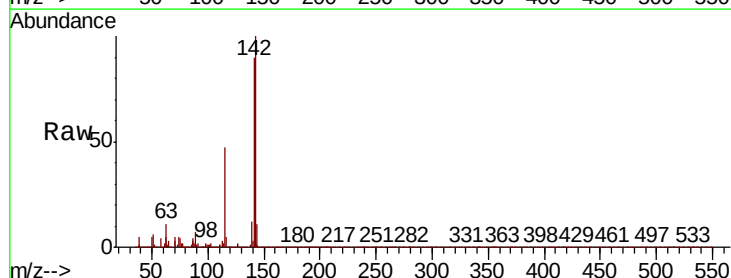
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

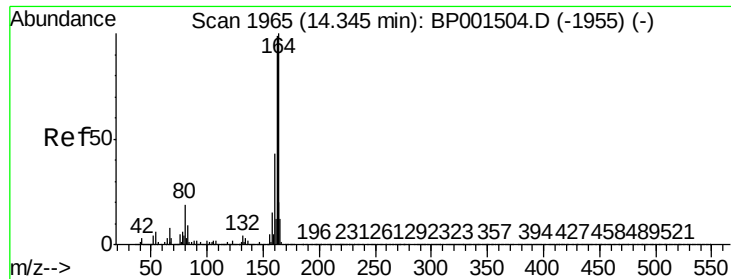
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.3	103.9
115	46.1	35.8	53.8



#38
1-Methylnaphthalene
Concen: 45.455 ng
RT: 12.35 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.7	107.5
116	4.6	3.9	5.9

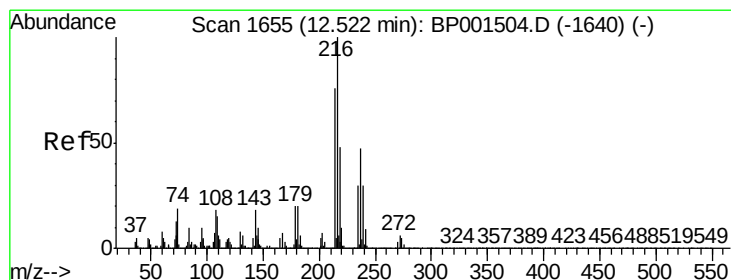
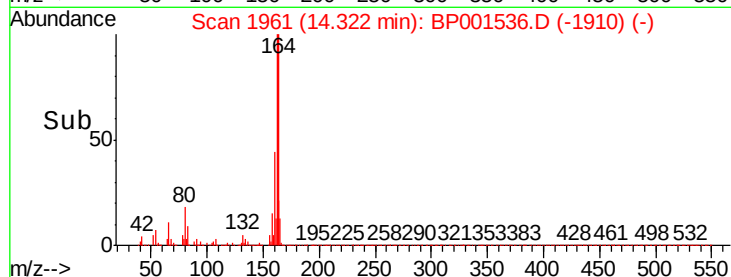
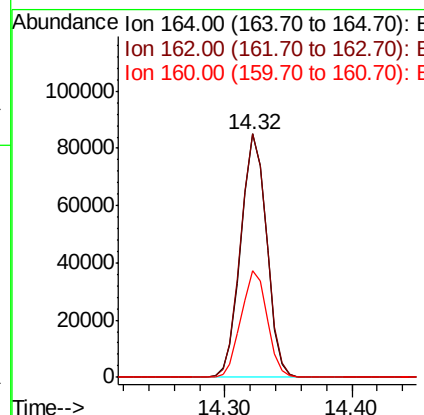
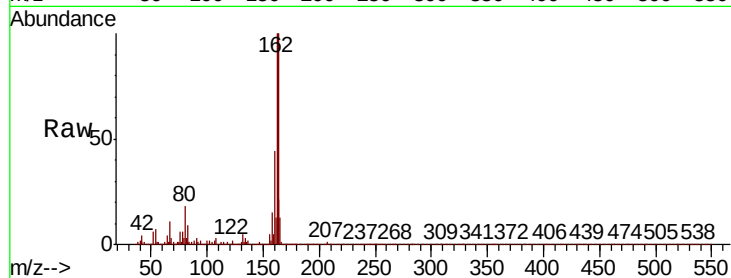




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

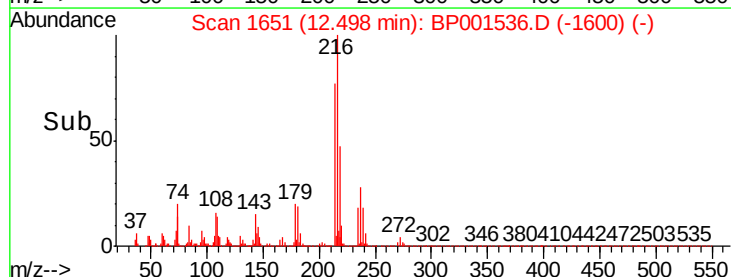
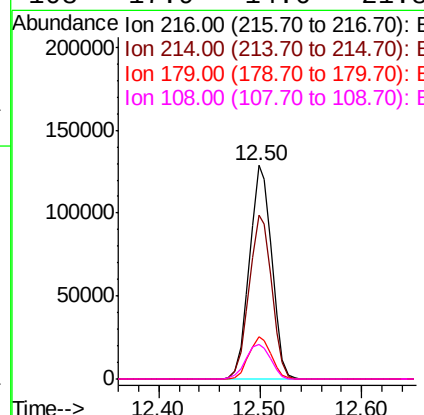
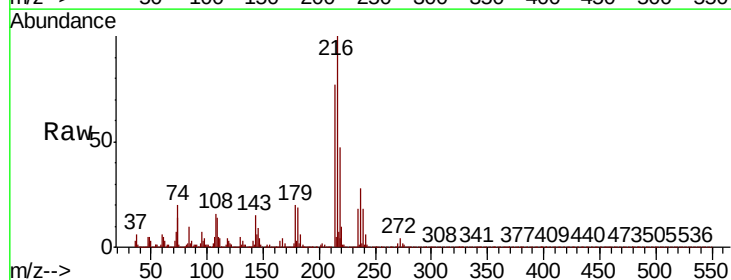
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

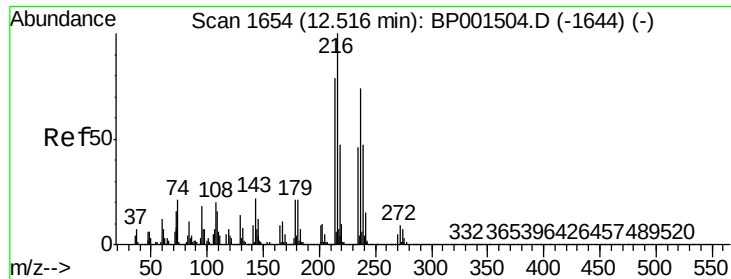
Tot Ion:164 Resp: 119314
Ion Ratio Lower Upper
164 100
162 100.1 79.0 118.4
160 43.7 34.1 51.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.088 ng
RT: 12.50 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion:216 Resp: 195531
Ion Ratio Lower Upper
216 100
214 77.8 62.3 93.5
179 20.0 16.6 25.0
108 17.9 14.6 21.8

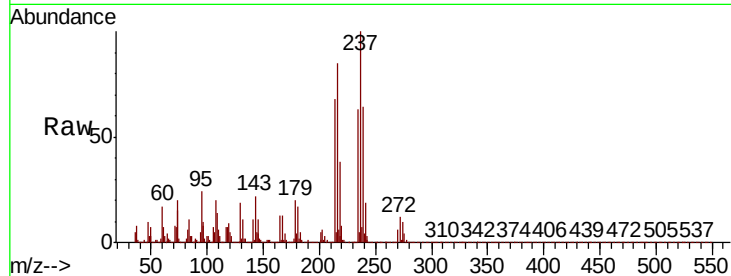




#41
Hexachlorocyclopentadiene
Concen: 44.125 ng
RT: 12.49 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.8	43.4	83.4
272	12.5	0.0	31.6

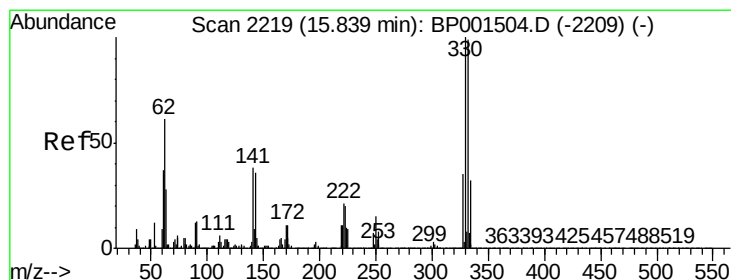
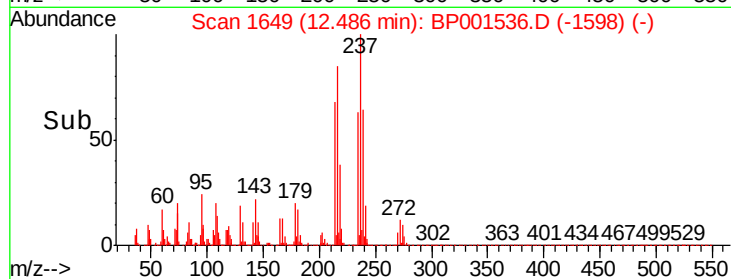
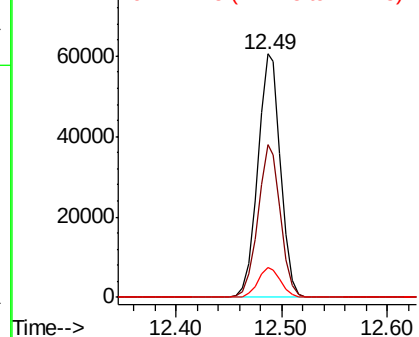


Abundance

Ion 236.80 (236.50 to 237.50): E

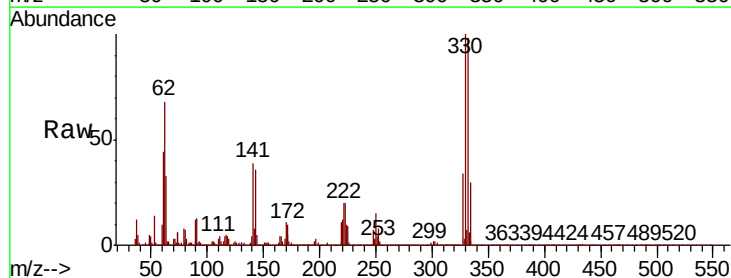
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 128.216 ng
RT: 15.82 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	37.4	28.7	43.1

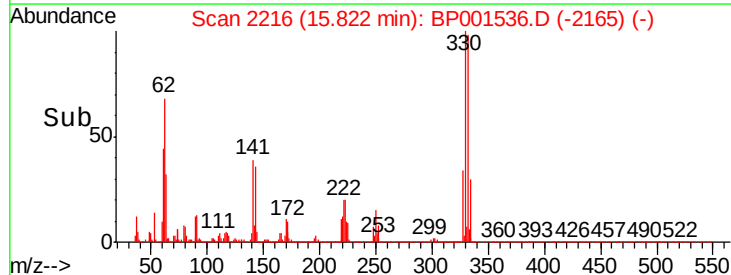
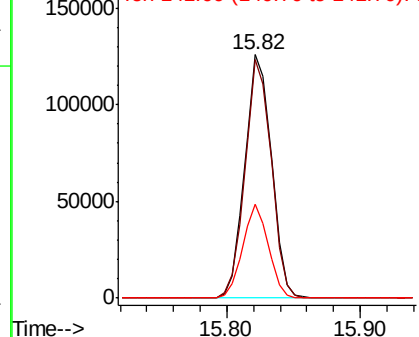


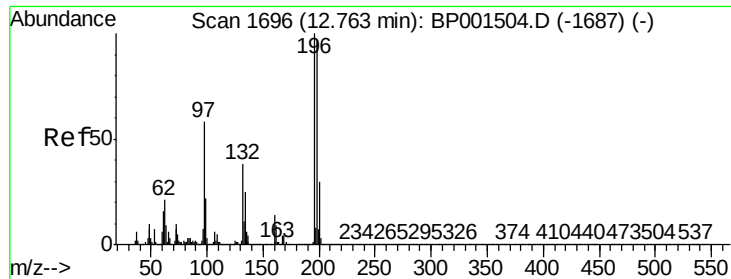
Abundance

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

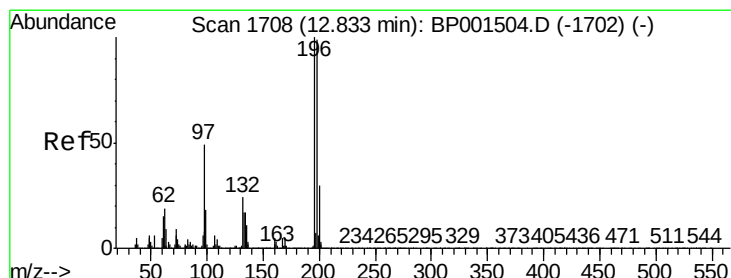
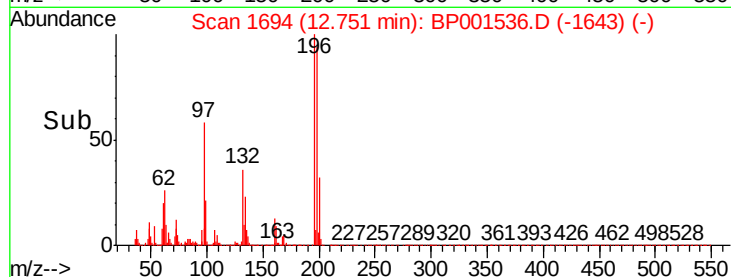
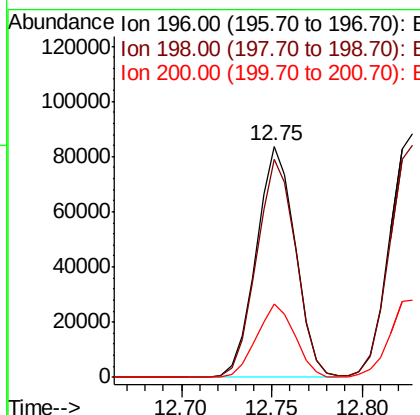
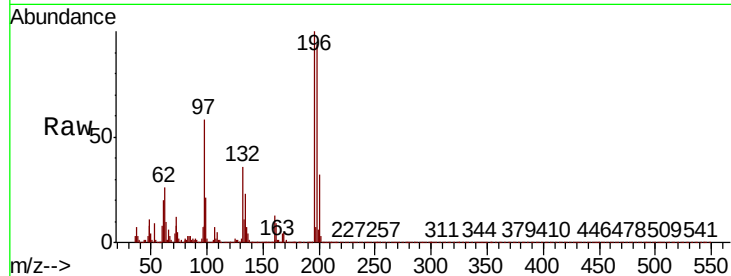




#43
 2,4,6-Trichlorophenol
 Concen: 50.012 ng
 RT: 12.75 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BP001536.D
 Acq: 06 Jan 2020 18:47

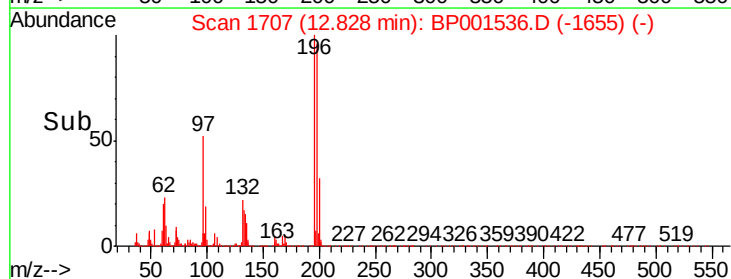
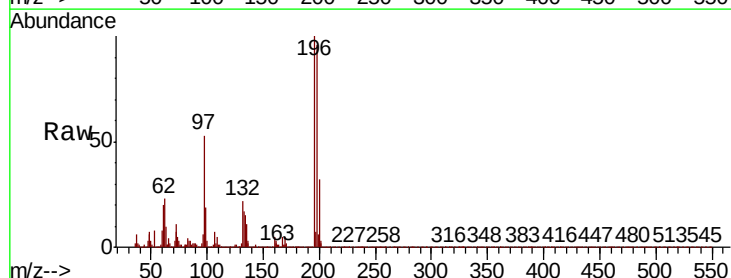
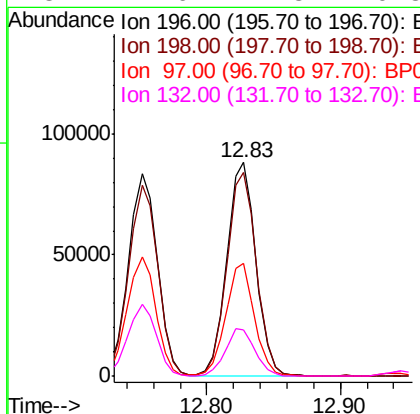
Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B1MS

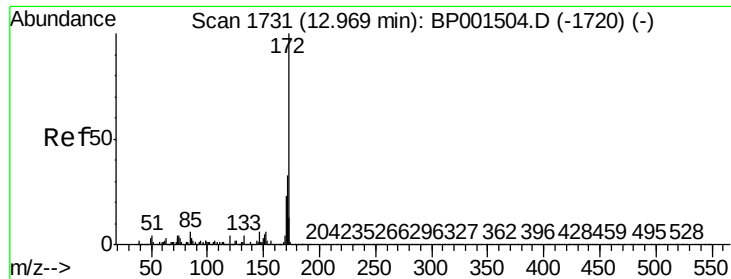
Tot Ion	196	Resp	124715
Ion Ratio	Lower	Upper	
196	100		
198	94.3	78.4	117.6
200	31.6	24.4	36.6



#44
 2,4,5-Trichlorophenol
 Concen: 51.723 ng
 RT: 12.83 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: BP001536.D
 Acq: 06 Jan 2020 18:47

Tgt Ion	196	Resp	134161
Ion Ratio	Lower	Upper	
196	100		
198	95.6	75.6	113.4
97	52.6	41.8	62.8
132	21.6	17.8	26.8

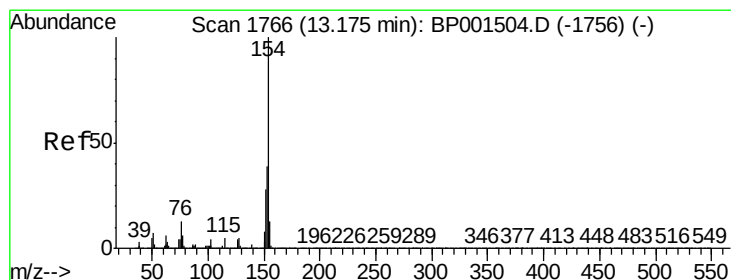
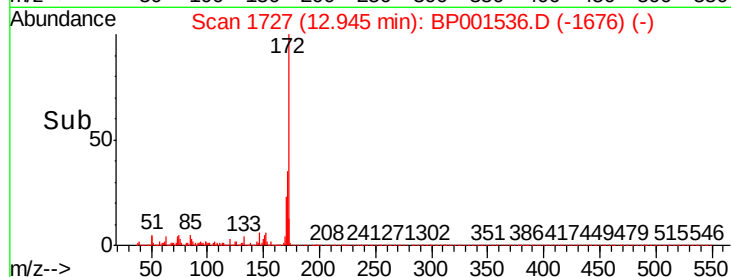
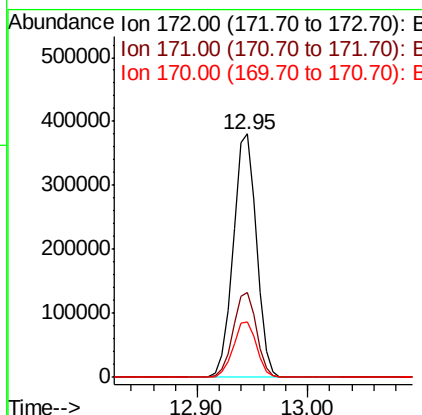
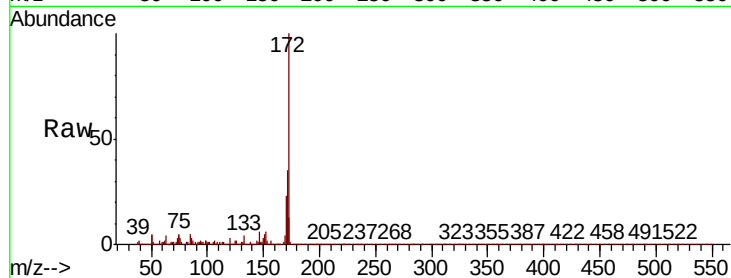




#45
2-Fluorobiphenyl
Concen: 69.204 ng
RT: 12.95 min Scan# 1727
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

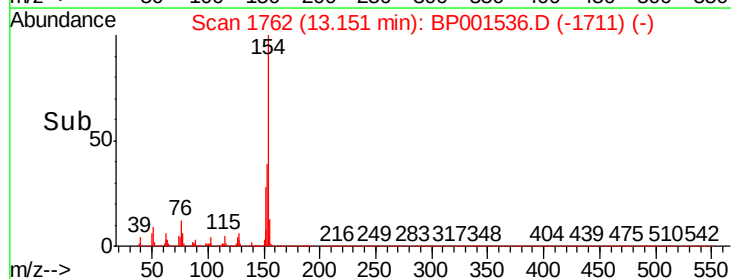
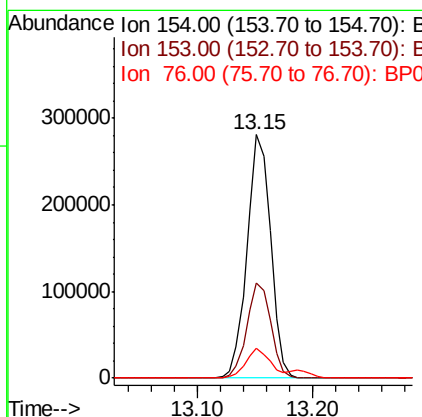
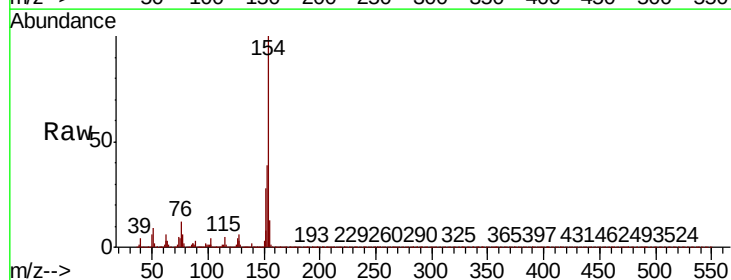
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

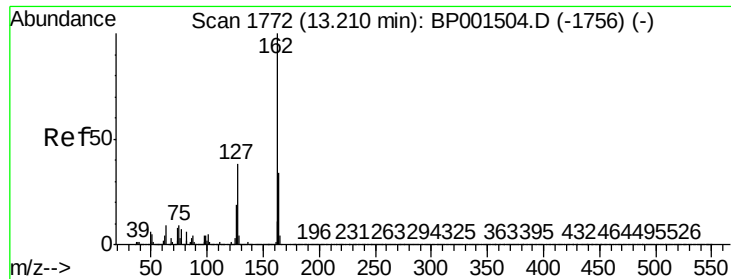
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.0	42.0
170	23.0	18.6	27.8



#46
1,1'-Biphenyl
Concen: 44.279 ng
RT: 13.15 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.0	20.6	60.6
76	12.2	0.0	33.3

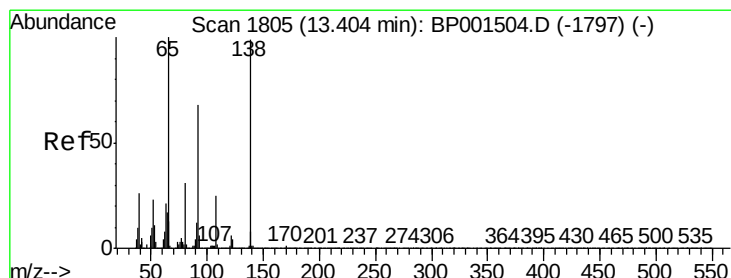
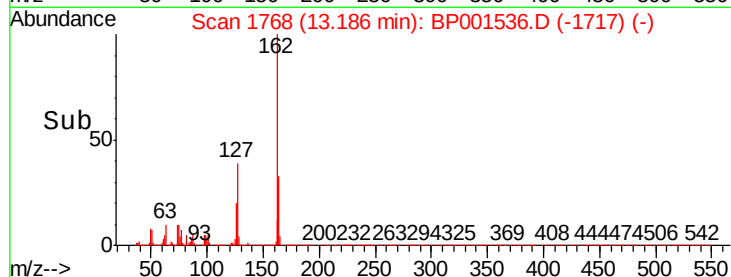
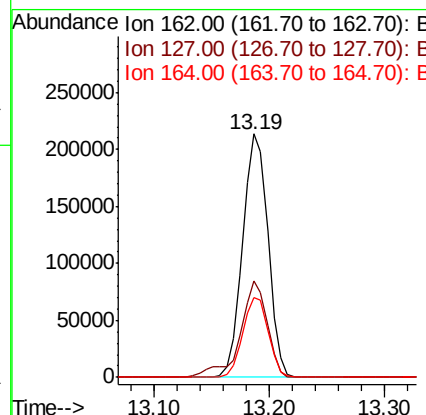
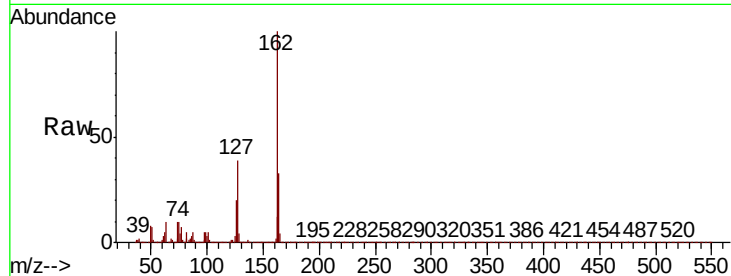




#47
2-Chloronaphthalene
Concen: 43.896 ng
RT: 13.19 min Scan# 1768
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

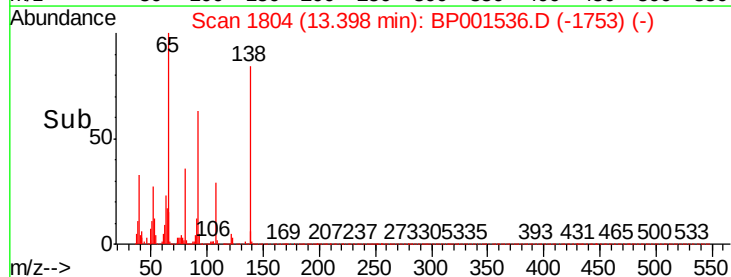
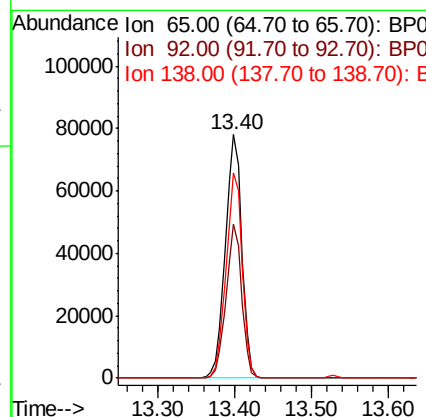
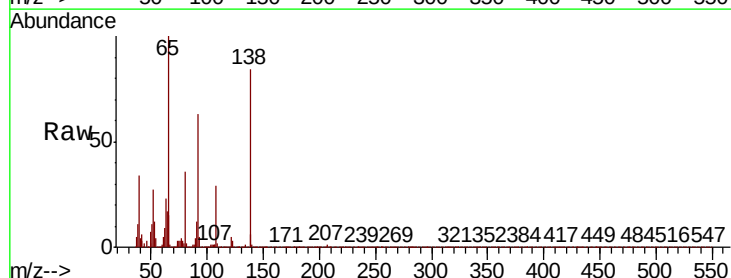
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

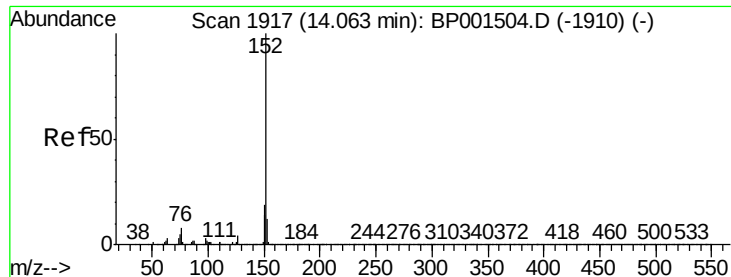
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.3	45.5
164	33.0	26.1	39.1



#48
2-Nitroaniline
Concen: 53.404 ng
RT: 13.40 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	51.3	76.9
138	84.3	67.4	101.2





#49

Acenaphthylene

Concen: 45.209 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

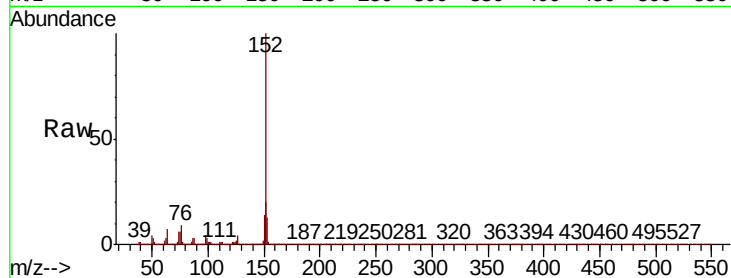
Tot Ion:152 Resp: 507842

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

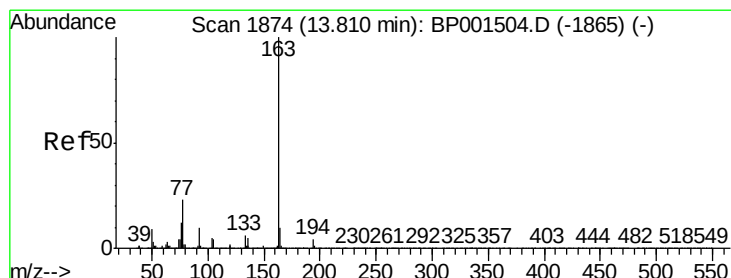
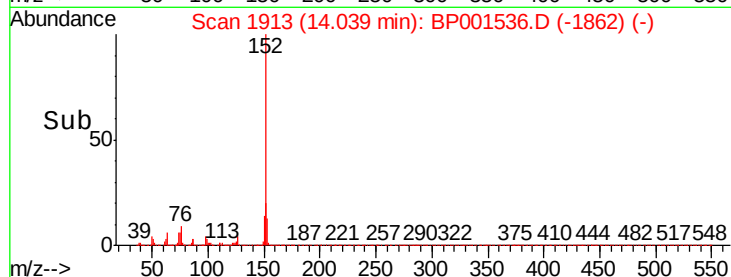
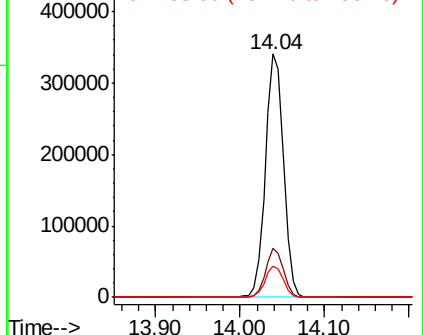
153 12.9 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.186 ng

RT: 13.80 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

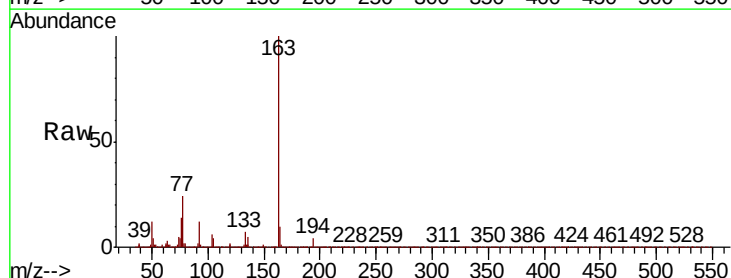
Tgt Ion:163 Resp: 440084

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

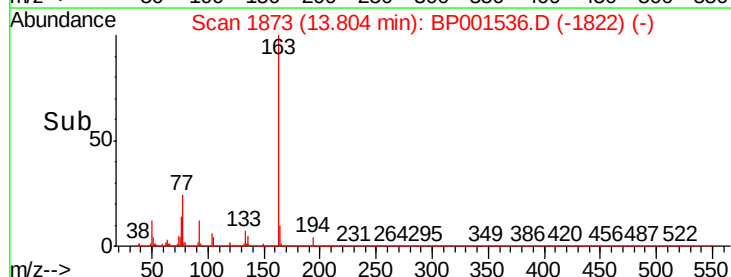
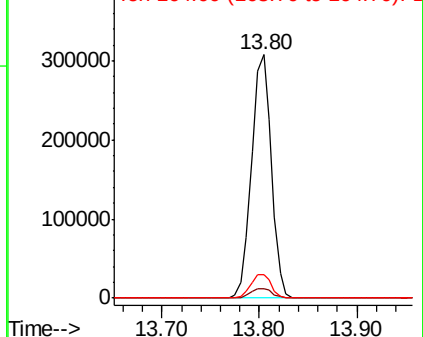
164 9.7 7.9 11.9

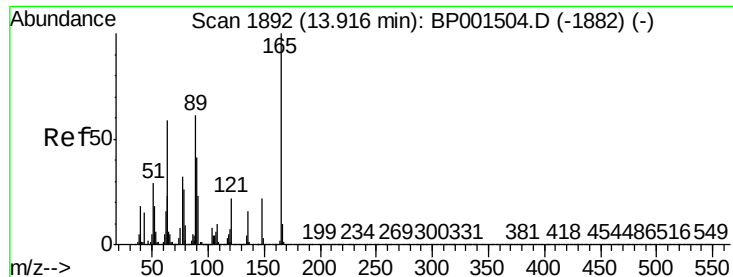


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

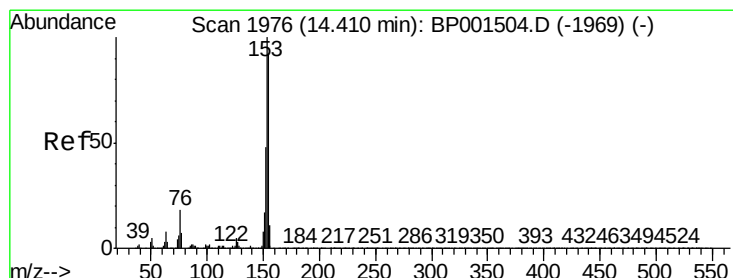
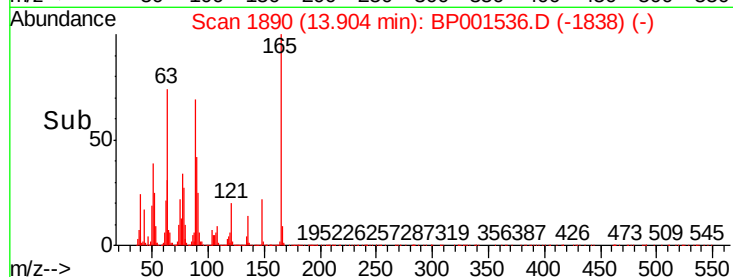
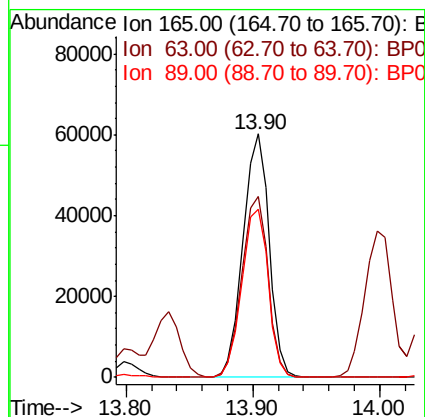
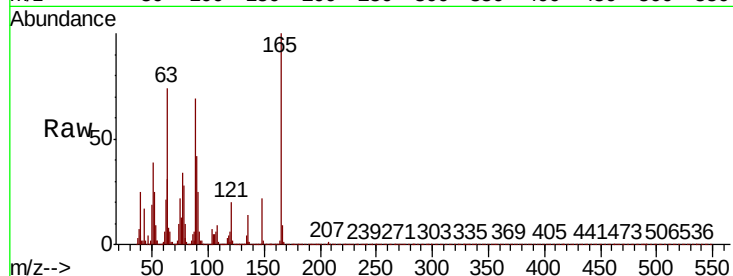




#51
 2,6-Dinitrotoluene
 Concen: 46.897 ng
 RT: 13.90 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: BP001536.D
 Acq: 06 Jan 2020 18:47

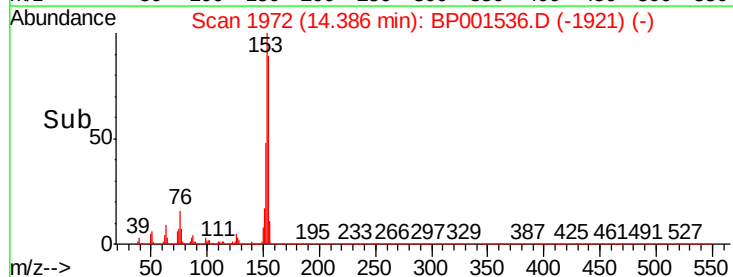
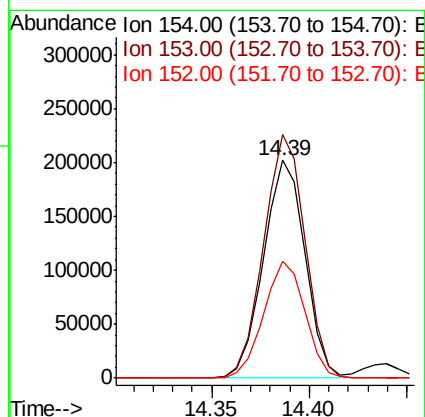
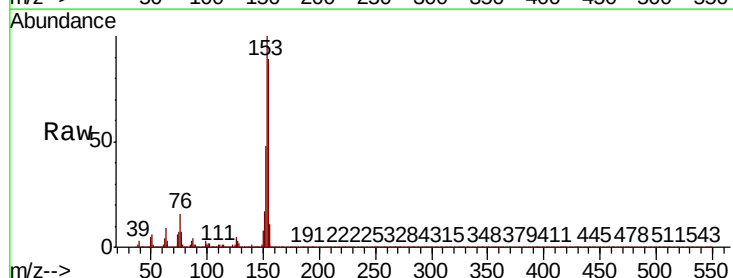
Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B1MS

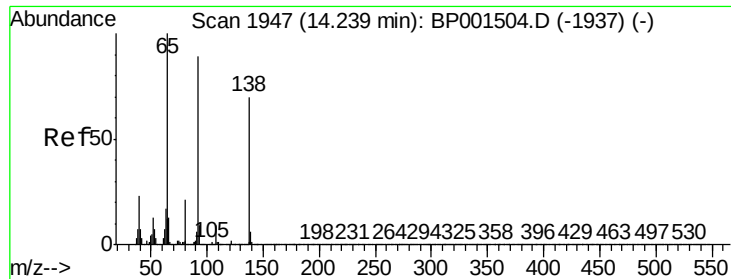
Tot Ion	Ratio	Lower	Upper
165	100		
63	74.3	62.7	94.1
89	69.0	55.4	83.0



#52
 Acenaphthene
 Concen: 42.079 ng
 RT: 14.39 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: BP001536.D
 Acq: 06 Jan 2020 18:47

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	88.6	133.0
152	53.5	41.7	62.5

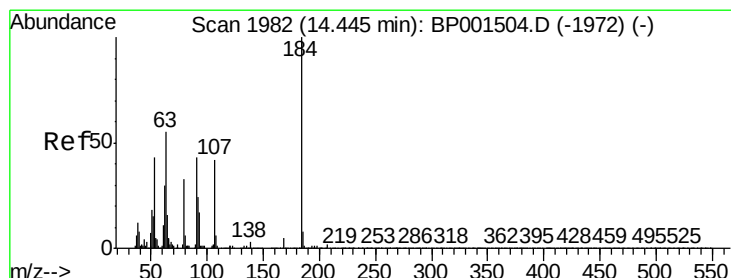
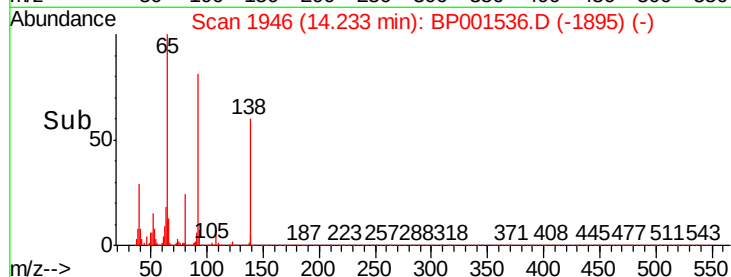
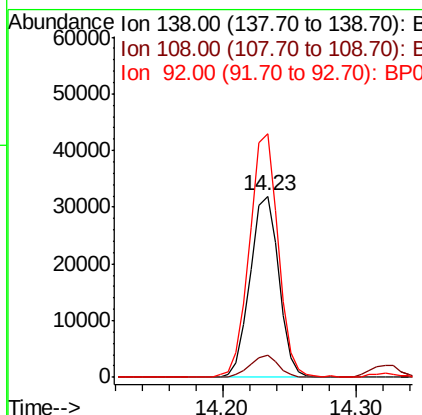
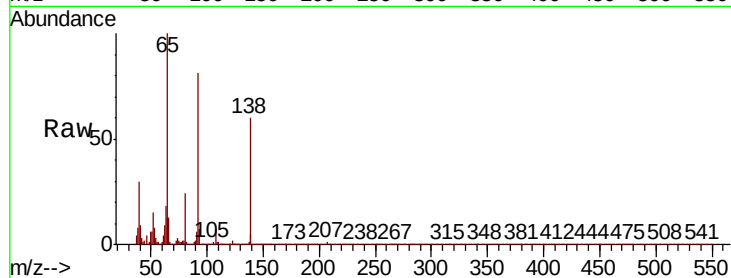




#53
3-Nitroaniline
Concen: 22.794 ng
RT: 14.23 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

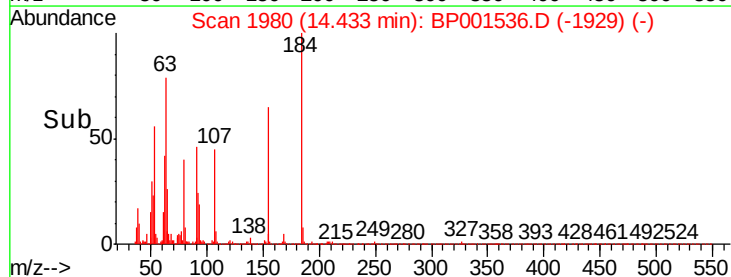
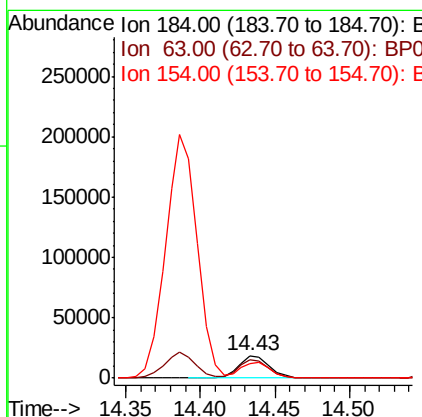
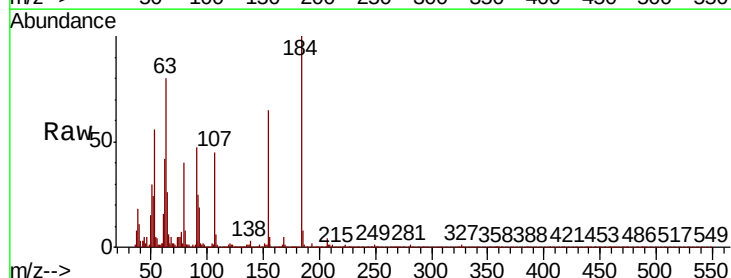
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

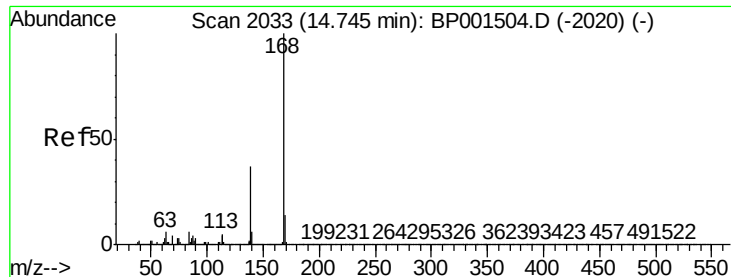
Tot Ion:138 Resp: 47153
Ion Ratio Lower Upper
138 100
108 12.3 10.3 15.5
92 134.6 104.0 156.0



#54
2,4-Dinitrophenol
Concen: 38.138 ng
RT: 14.43 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion:184 Resp: 26198
Ion Ratio Lower Upper
184 100
63 79.6 61.7 92.5
154 64.8 58.9 88.3

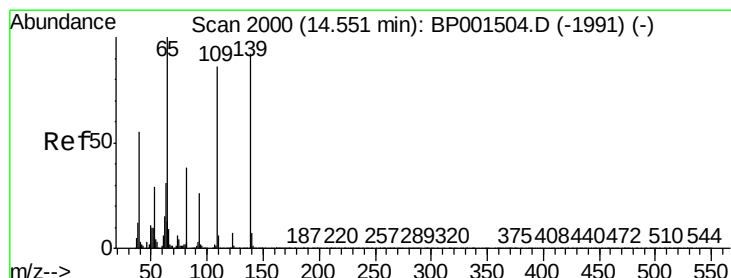
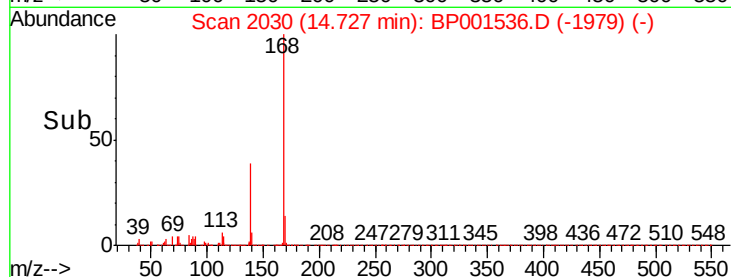
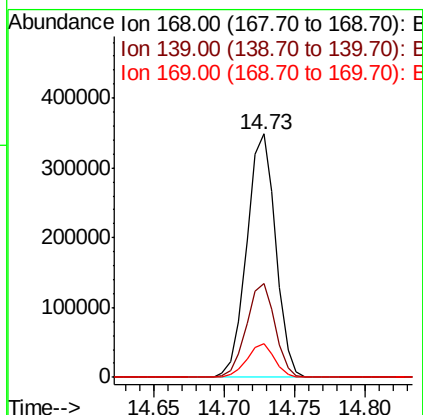
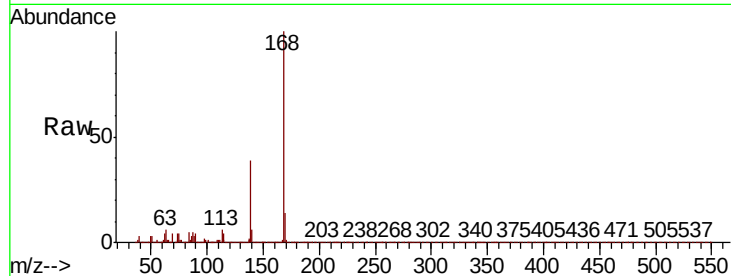




#55
Dibenzofuran
Concen: 46.263 ng
RT: 14.73 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

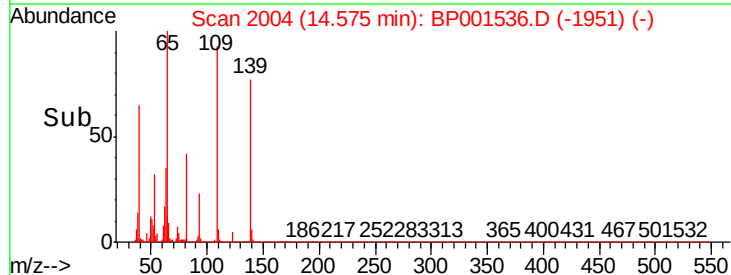
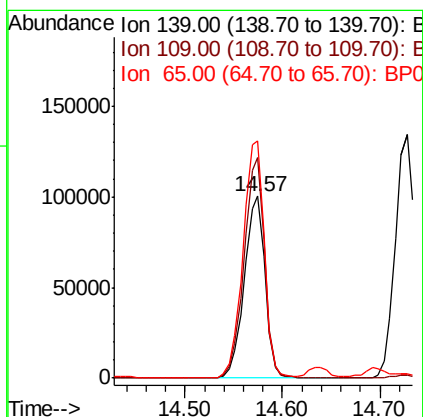
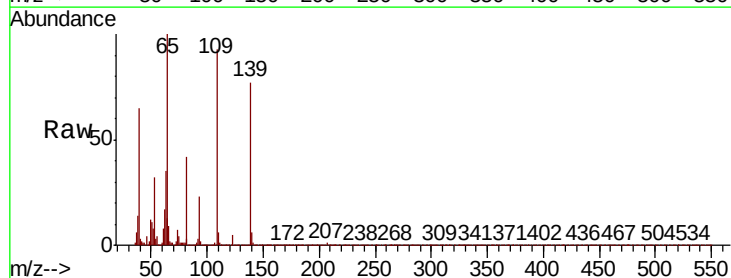
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

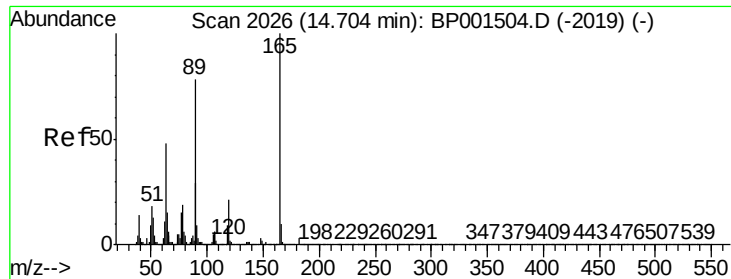
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.3	45.5
169	13.7	10.6	15.8



#56
4-Nitrophenol
Concen: 95.737 ng
RT: 14.57 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	121.5	96.2	136.2
65	130.7	101.6	141.6





#57

2,4-Dinitrotoluene

Concen: 47.002 ng

RT: 14.70 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

Tot Ion:165 Resp: 116230

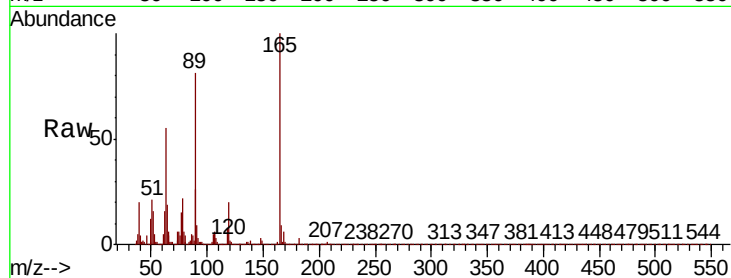
Ion Ratio Lower Upper

165 100

63 55.3 45.0 67.6

89 81.5 65.5 98.3

182 2.5 2.2 3.2

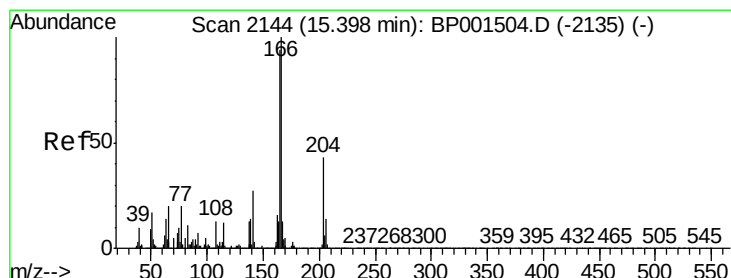
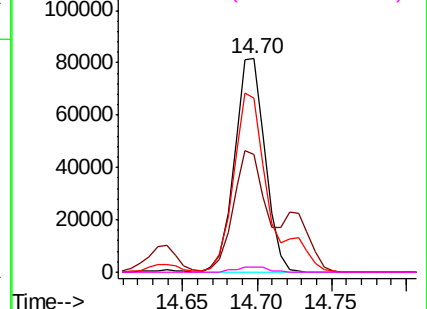
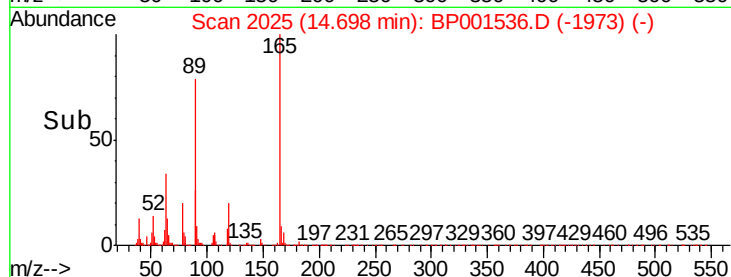


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 46.788 ng

RT: 15.38 min Scan# 2141

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

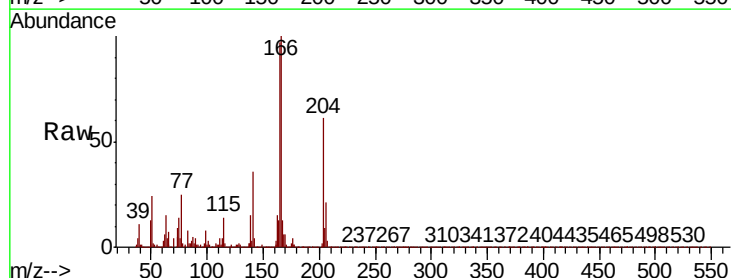
Tgt Ion:166 Resp: 384854

Ion Ratio Lower Upper

166 100

165 97.3 76.2 114.4

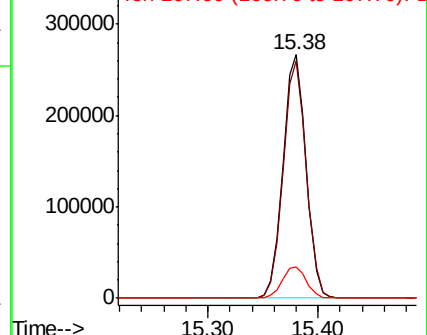
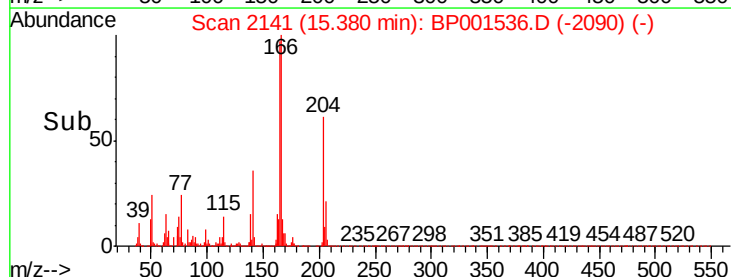
167 13.0 10.9 16.3

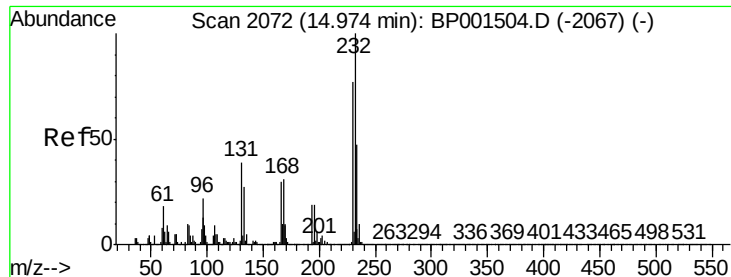


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

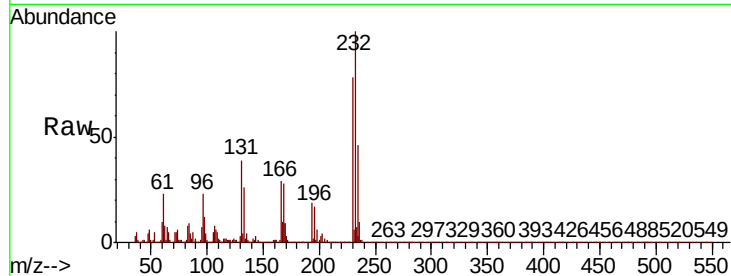




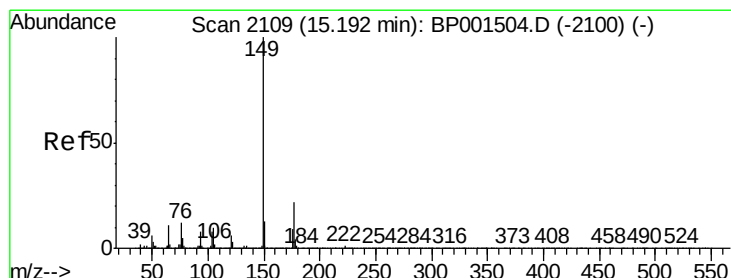
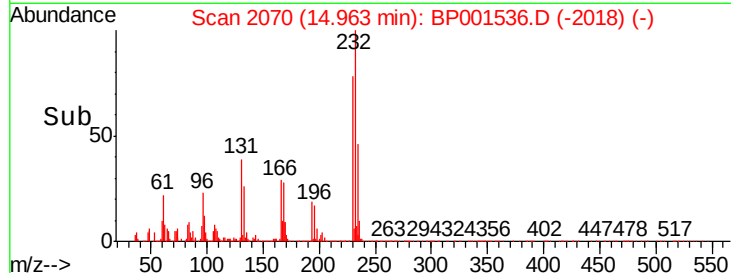
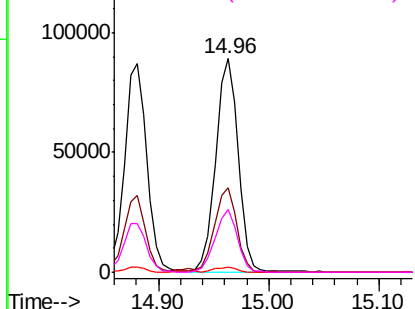
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.437 ng
 RT: 14.96 min Scan# 2070
 Delta R.T. 0.01 min
 Lab File: BP001536.D
 Acq: 06 Jan 2020 18:47

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B1MS

Tot Ion:	232	Resp:	125502
Ion	Ratio	Lower	Upper
232	100		
131	39.8	30.6	45.8
130	2.3	2.0	3.0
166	28.8	23.8	35.8

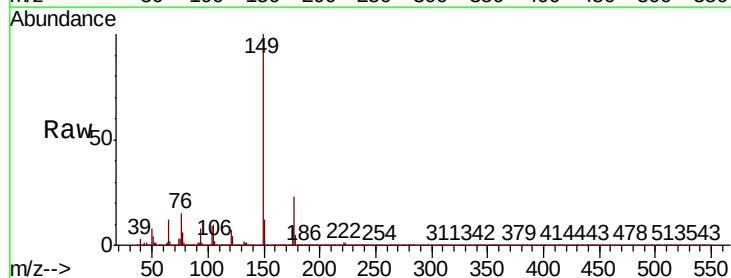


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

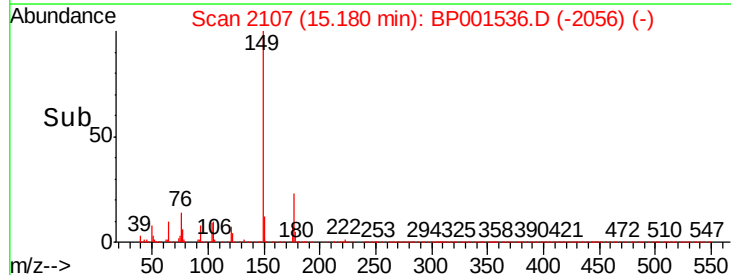
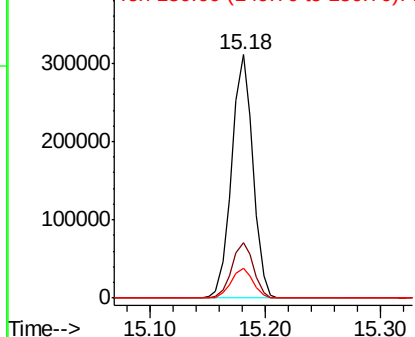


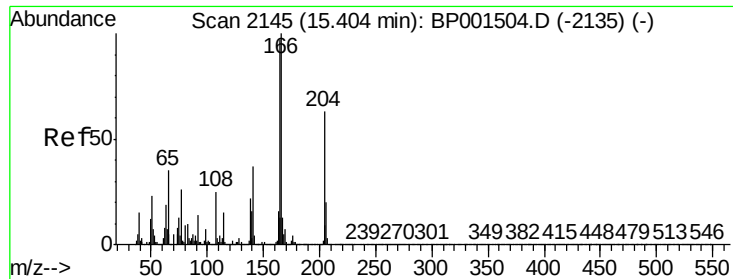
#60
 Diethylphthalate
 Concen: 42.032 ng
 RT: 15.18 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BP001536.D
 Acq: 06 Jan 2020 18:47

Tgt Ion:	149	Resp:	394599
Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.9	28.3
150	12.5	10.2	15.2



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

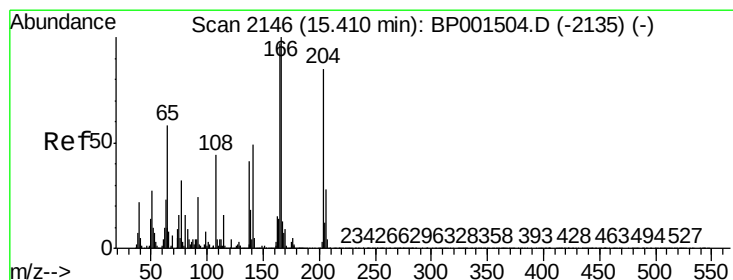
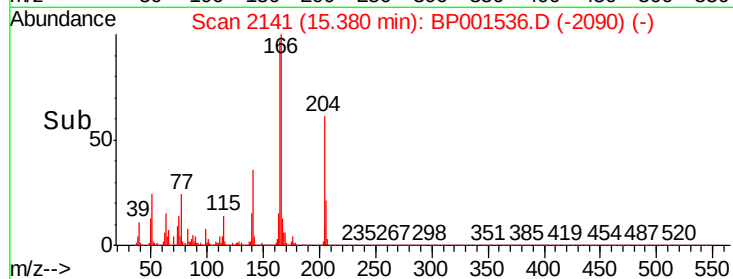
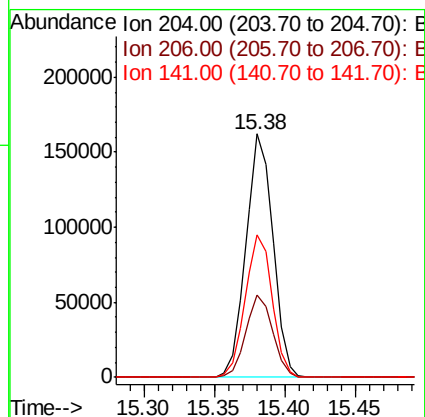
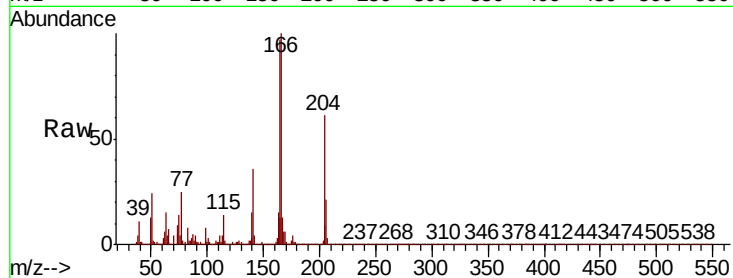




#61
4-Chlorophenyl-phenylether
Concen: 49.100 ng
RT: 15.38 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

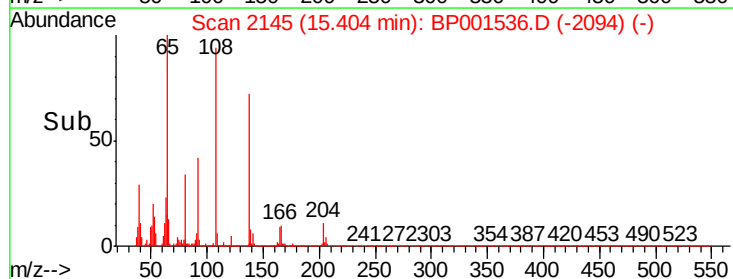
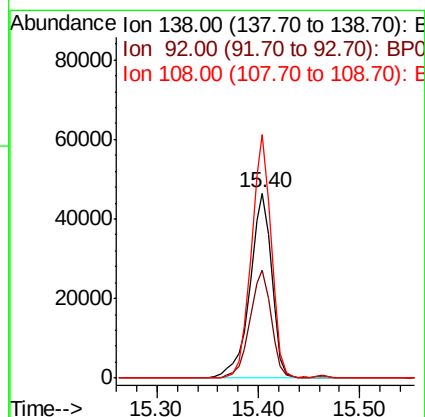
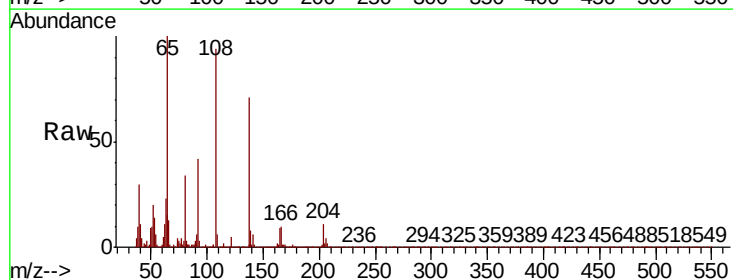
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

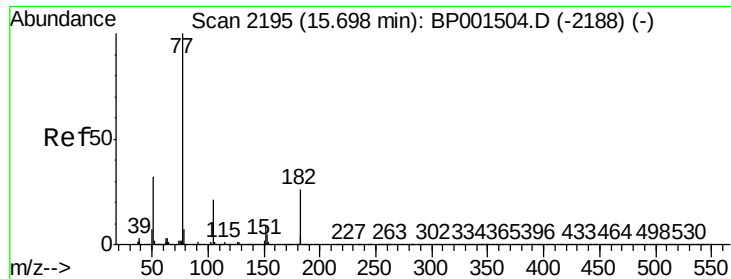
Tot Ion:204 Resp: 217837
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.4
141 58.5 45.7 68.5



#62
4-Nitroaniline
Concen: 33.452 ng
RT: 15.40 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion:138 Resp: 69465
Ion Ratio Lower Upper
138 100
92 58.7 37.5 77.5
108 131.8 106.7 146.7

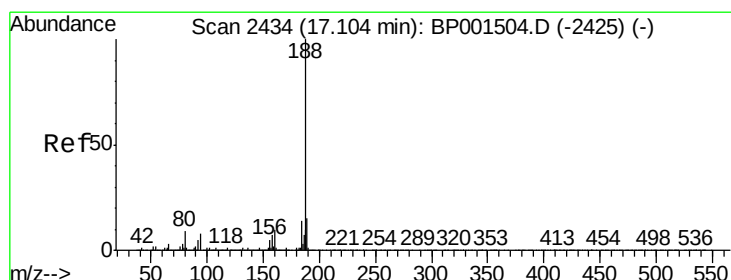
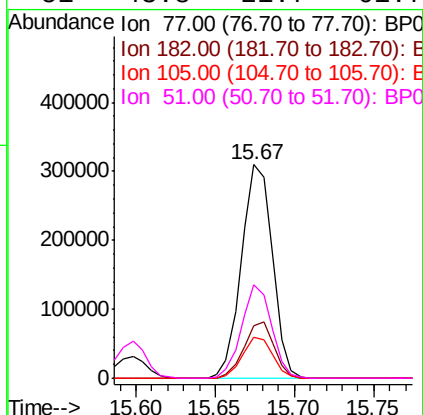
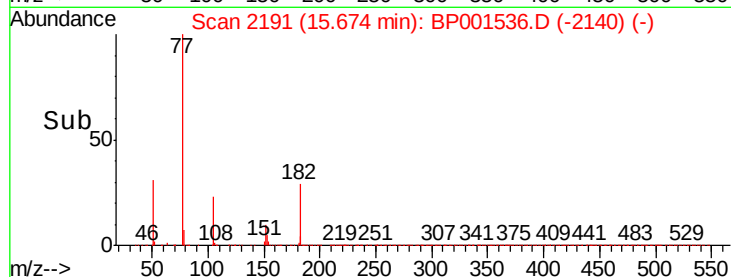
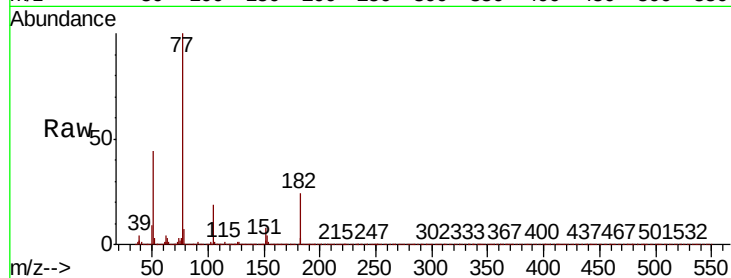




#63
Azobenzene
Concen: 46.346 ng
RT: 15.67 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

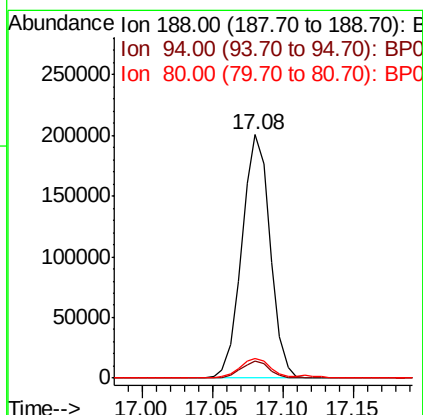
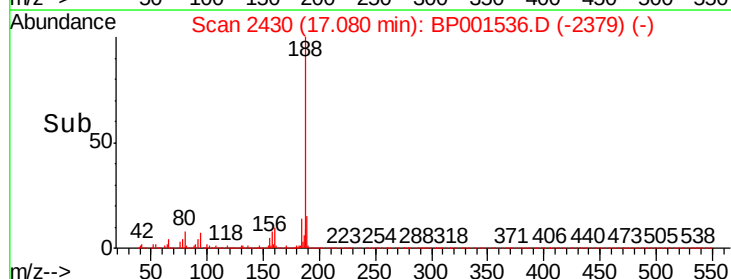
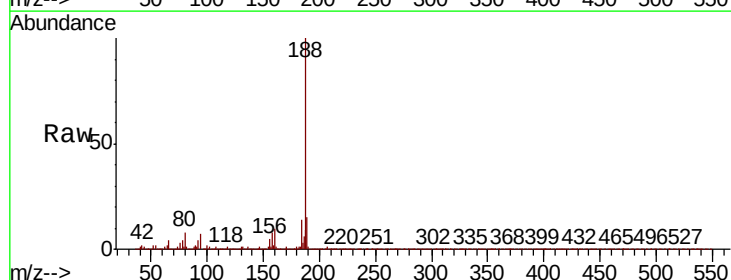
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

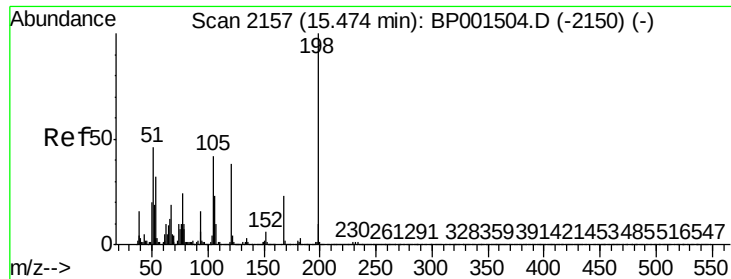
Tot Ion:	77	Resp:	420336
Ion	Ratio	Lower	Upper
77	100		
182	24.5	5.9	45.9
105	19.2	0.0	39.3
51	43.8	21.7	61.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion:	188	Resp:	280120
Ion	Ratio	Lower	Upper
188	100		
94	7.1	5.4	8.0
80	8.1	6.3	9.5

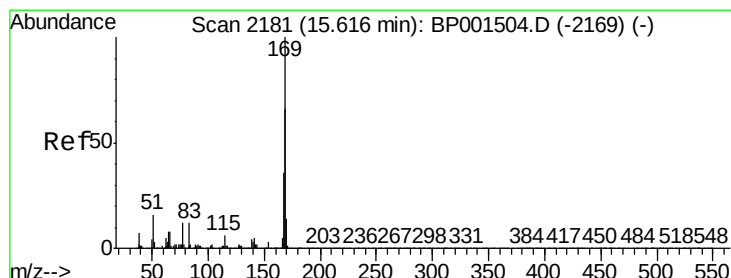
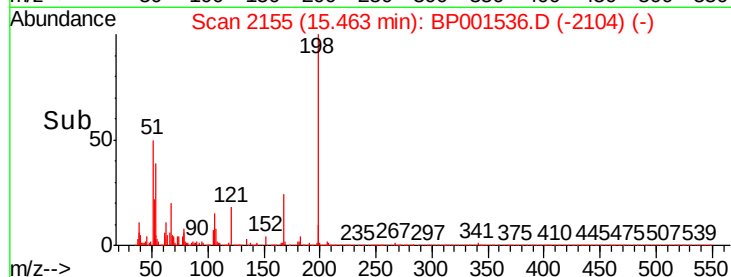
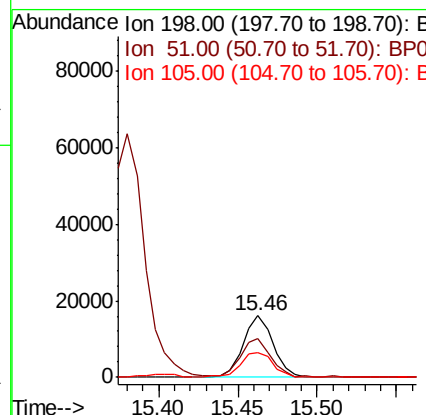
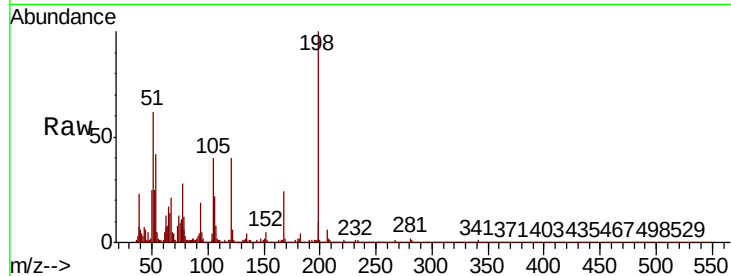




#65
4,6-Dinitro-2-methylphenol
Concen: 23.044 ng
RT: 15.46 min Scan# 2155
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

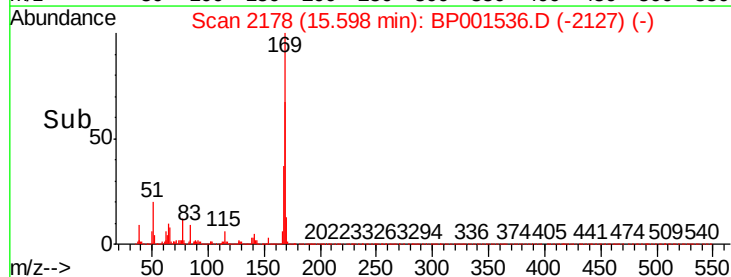
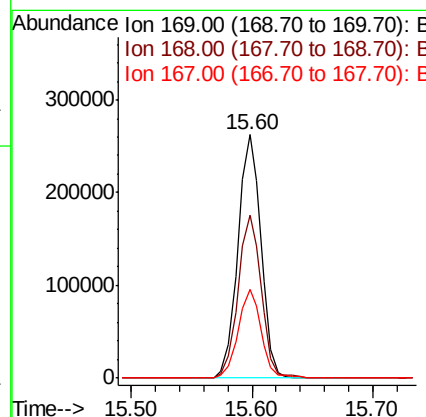
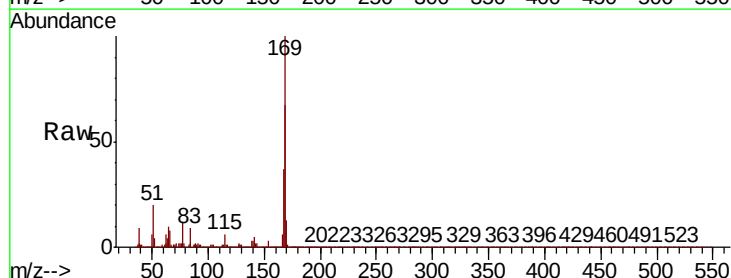
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

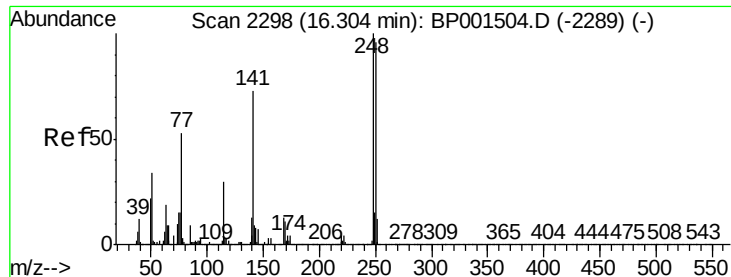
Tot Ion:198 Resp: 21010
Ion Ratio Lower Upper
198 100
51 62.4 35.4 75.4
105 40.4 18.3 58.3



#66
n-Nitrosodiphenylamine
Concen: 42.880 ng
RT: 15.60 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion:169 Resp: 348098
Ion Ratio Lower Upper
169 100
168 67.0 52.1 78.1
167 36.5 28.8 43.2

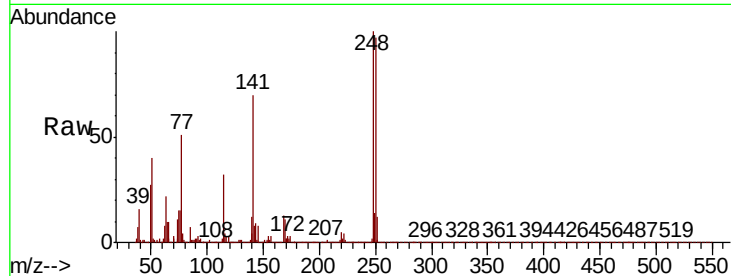




#67
4-Bromophenyl-phenylether
Concen: 45.500 ng
RT: 16.28 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.3	114.5
141	70.0	57.6	86.4

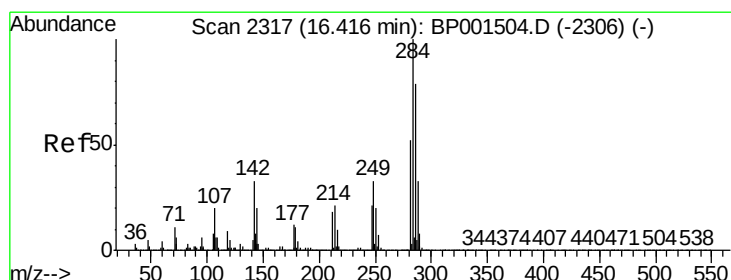
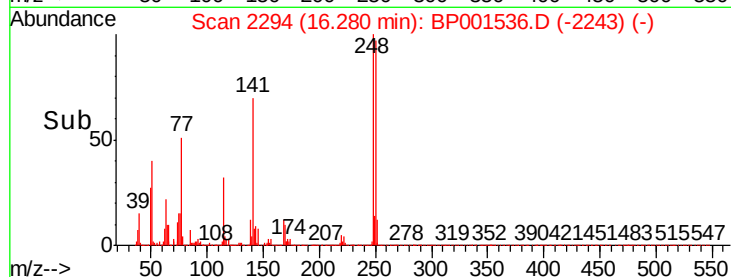
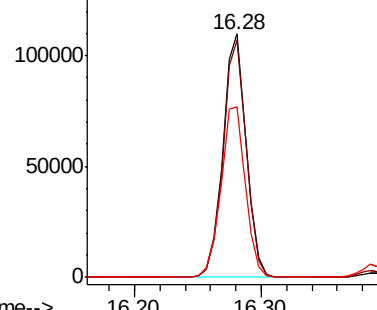


Abundance

Ion 248.00 (247.70 to 248.70): E

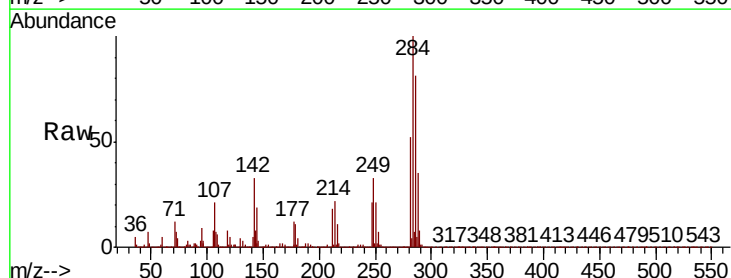
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 44.894 ng
RT: 16.39 min Scan# 2313
Delta R.T. 0.01 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	27.4	41.2
249	33.2	25.8	38.6

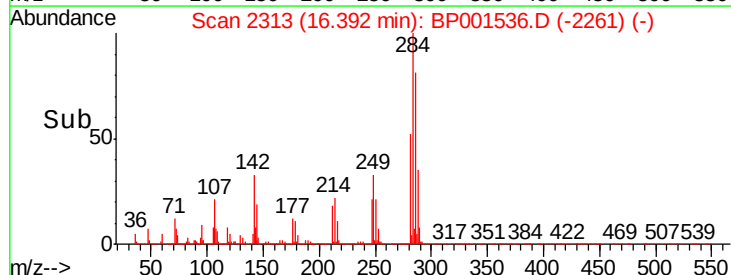
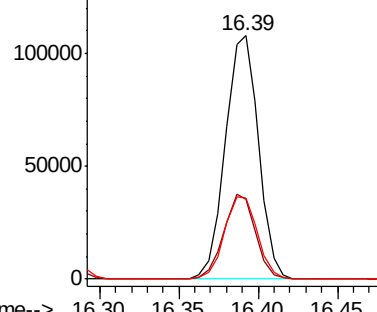


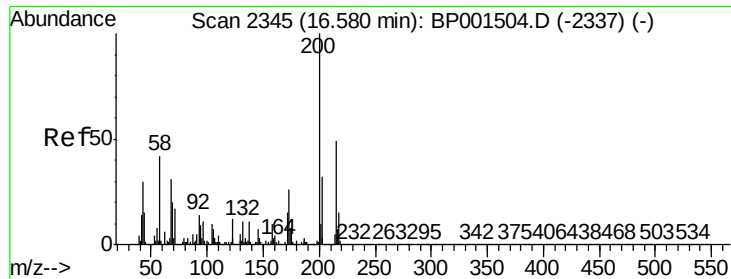
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 48.131 ng

RT: 16.57 min Scan# 2344

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

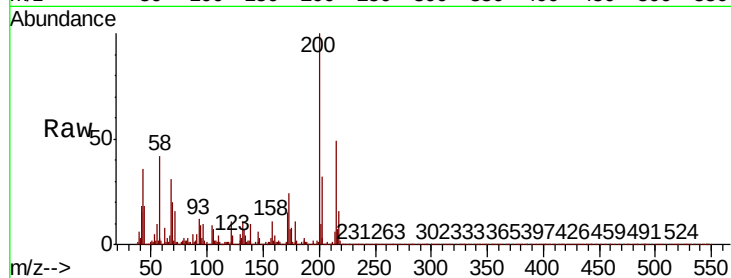
Tot Ion:200 Resp: 138462

Ion Ratio Lower Upper

200 100

173 23.5 4.3 44.3

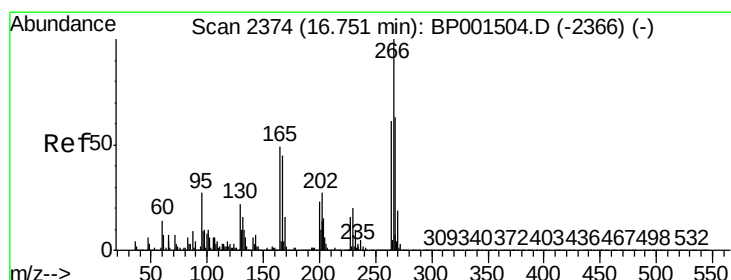
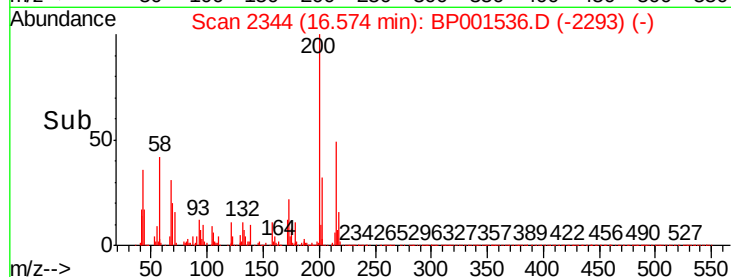
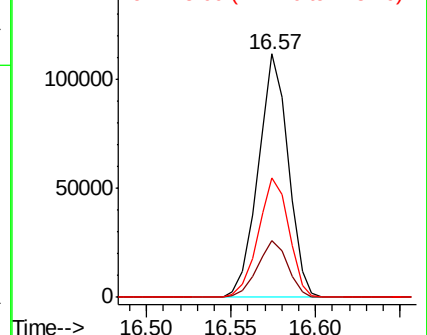
215 49.0 28.1 68.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 104.449 ng

RT: 16.74 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

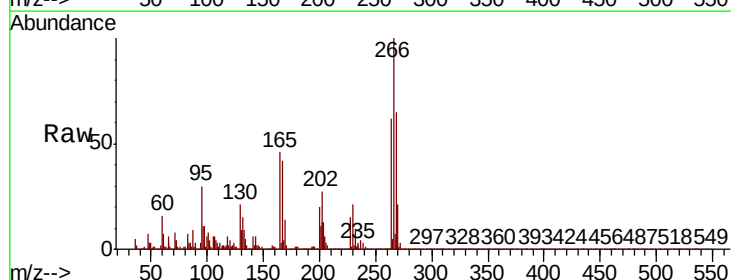
Tgt Ion:266 Resp: 187544

Ion Ratio Lower Upper

266 100

268 65.1 47.8 71.8

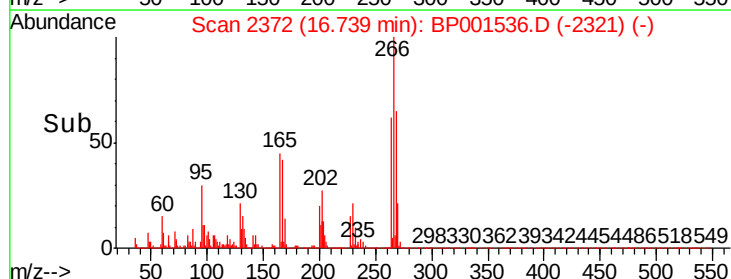
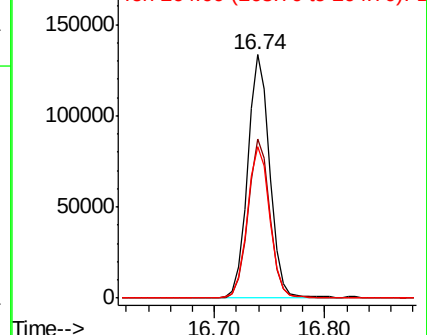
264 62.2 50.1 75.1

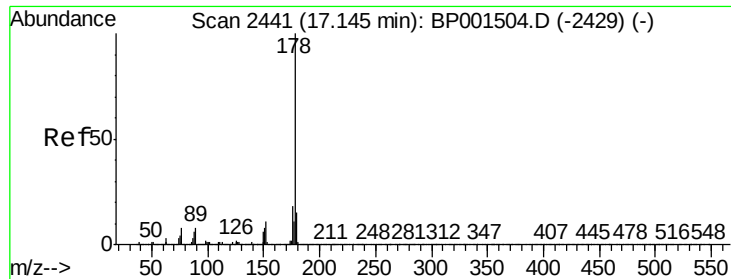


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

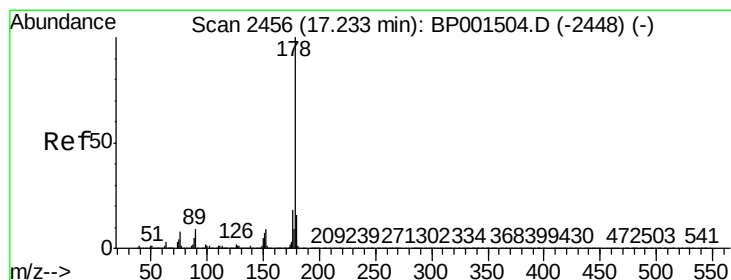
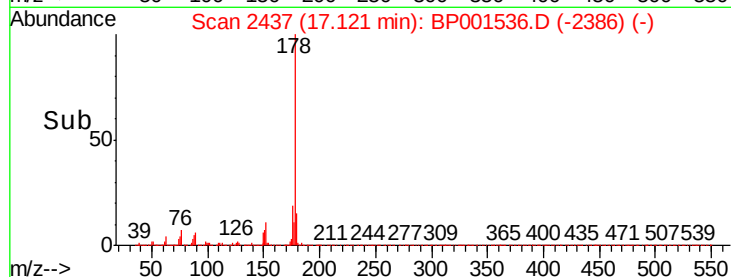
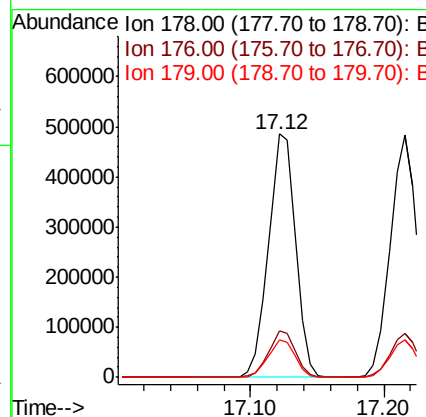
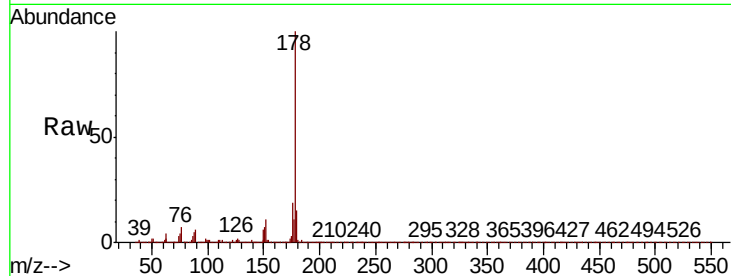




#71
Phenanthrene
Concen: 45.060 ng
RT: 17.12 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

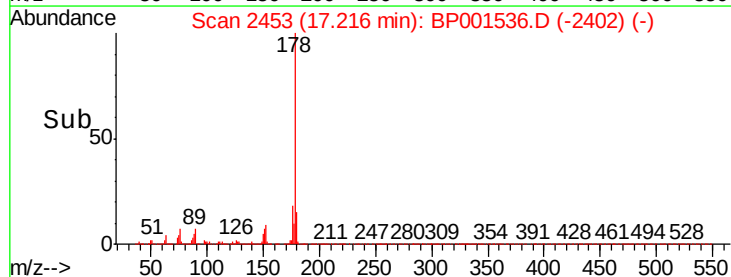
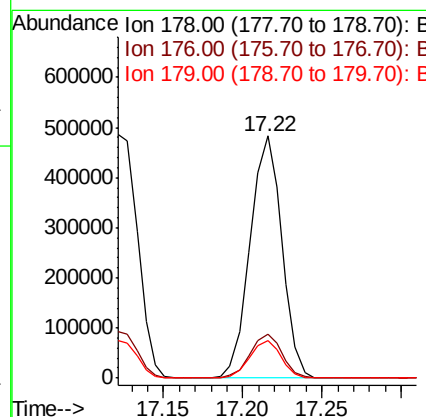
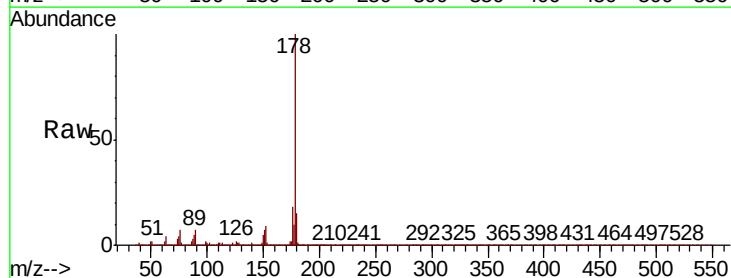
Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MS

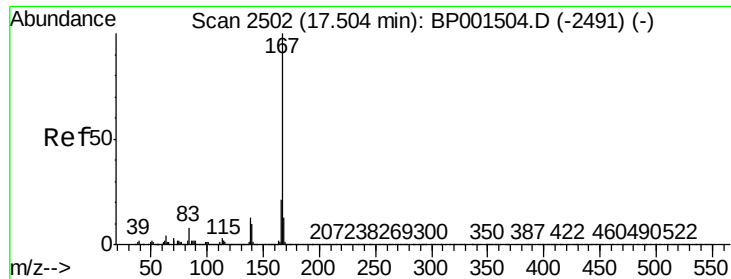
Tot Ion:178 Resp: 684601
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.3 12.2 18.4



#72
Anthracene
Concen: 44.746 ng
RT: 17.22 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BP001536.D
Acq: 06 Jan 2020 18:47

Tgt Ion:178 Resp: 673792
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.5 12.2 18.2

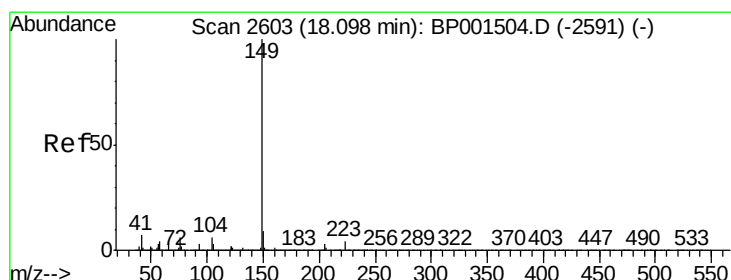
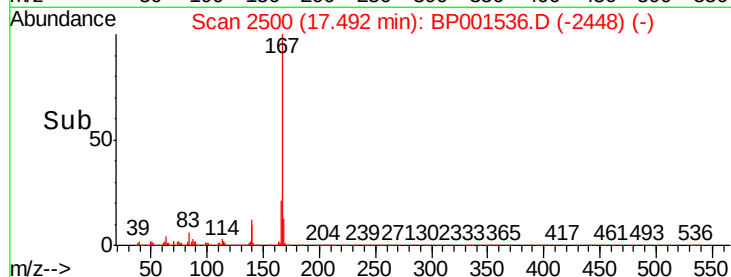
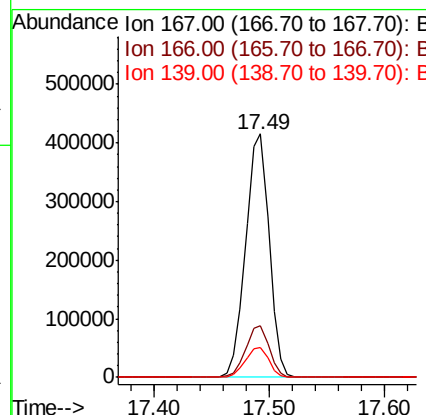
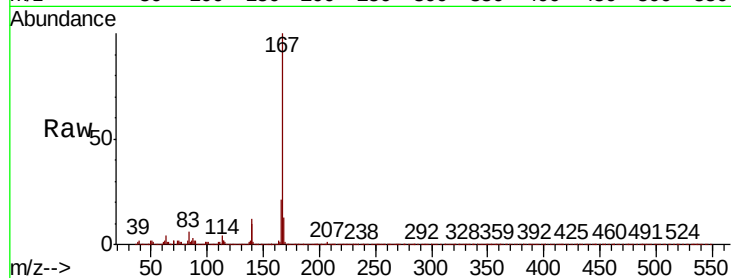




#73
 Carbazole
 Concen: 42.167 ng
 RT: 17.49 min Scan# 2500
 Delta R.T. 0.01 min
 Lab File: BP001536.D
 Acq: 06 Jan 2020 18:47

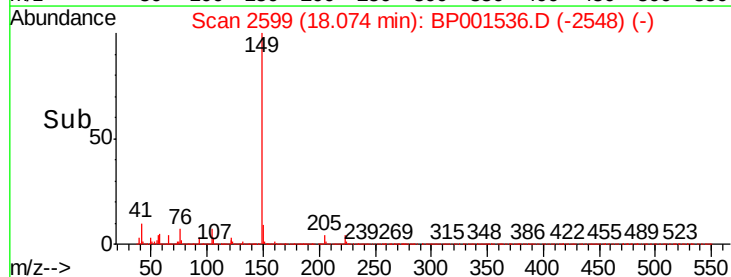
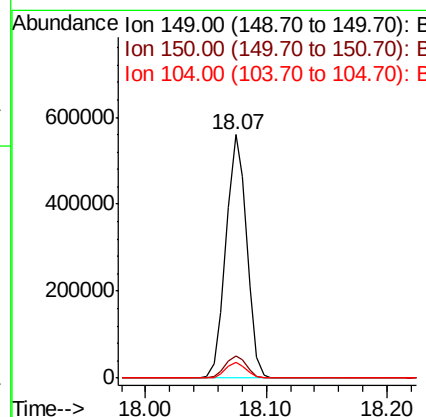
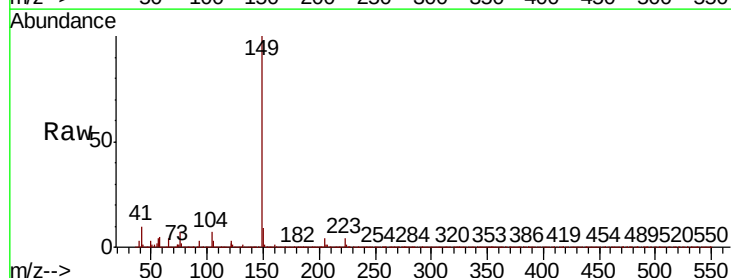
Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B1MS

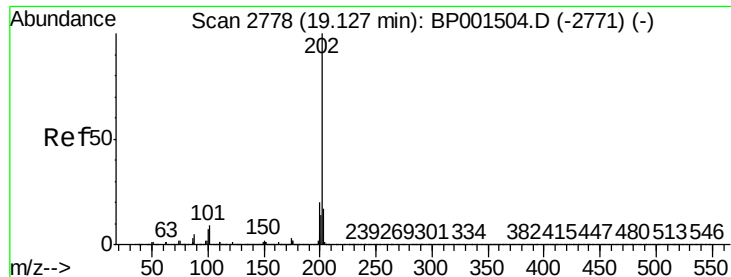
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	12.2	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 37.336 ng
 RT: 18.07 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BP001536.D
 Acq: 06 Jan 2020 18:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	6.6	5.1	7.7





#75

Fluoranthene

Concen: 44.236 ng

RT: 19.10 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

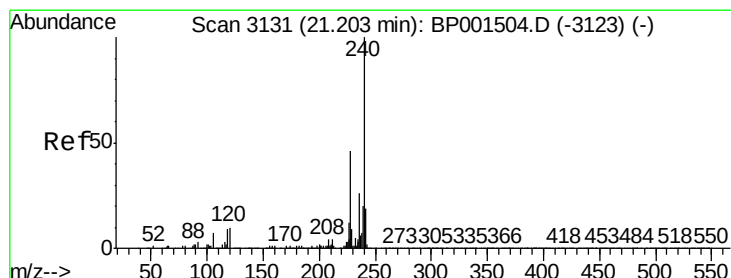
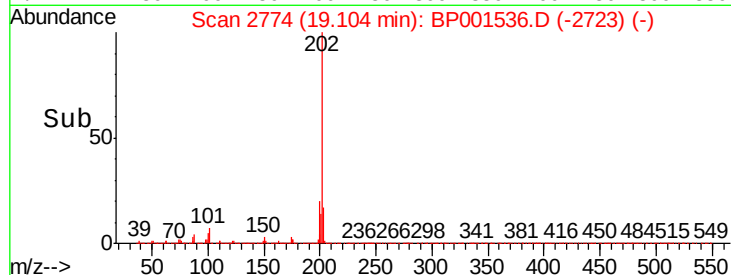
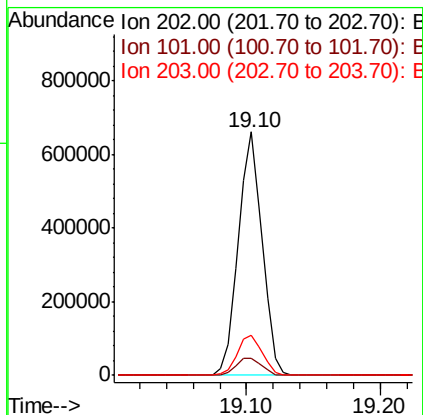
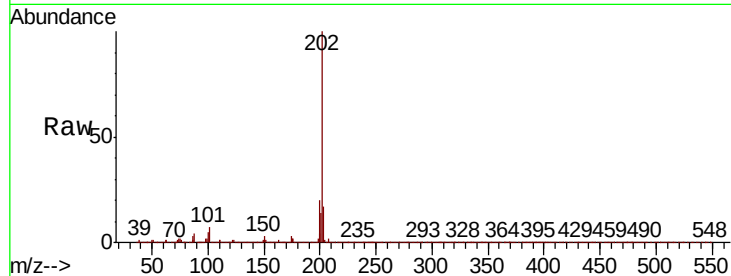
Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

Tot Ion:	202	Resp:	813584
Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	27.1
203	16.6	0.0	37.6



#76

Chrysene-d12

Concen: 20.000 ng

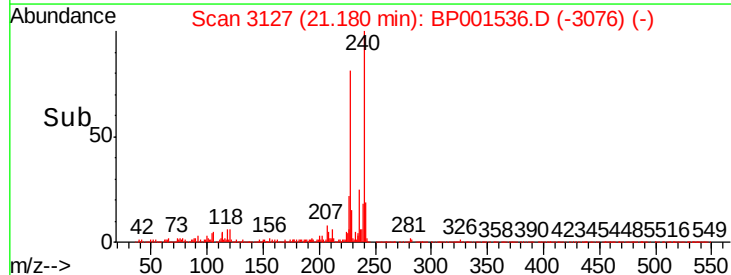
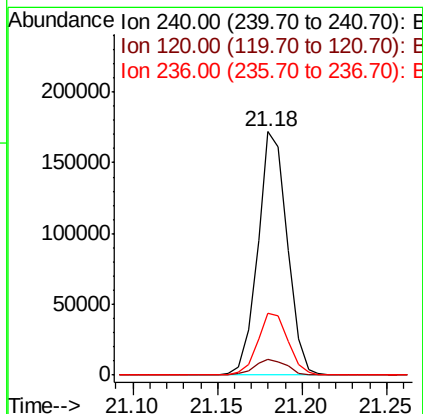
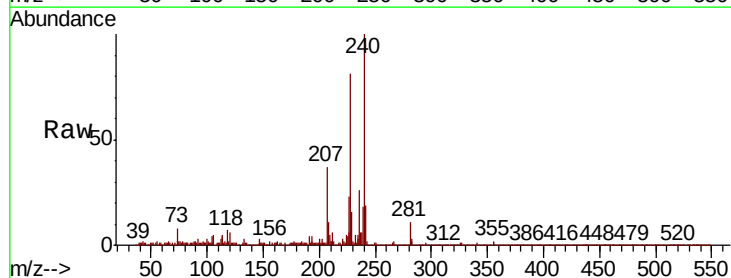
RT: 21.18 min Scan# 3127

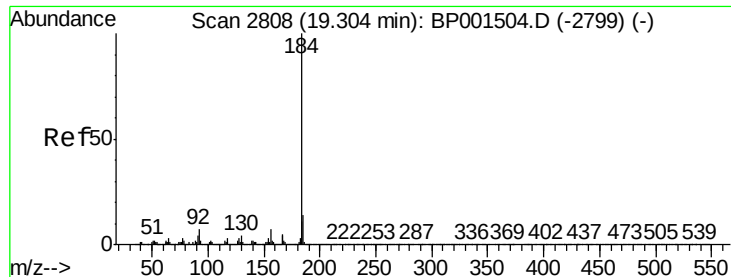
Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Tgt Ion:	240	Resp:	206457
Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.2	7.8
236	25.6	21.4	32.2





#77

Benzidine

Concen: 118.595 ng

RT: 19.29 min Scan# 2806

Delta R.T. 0.01 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

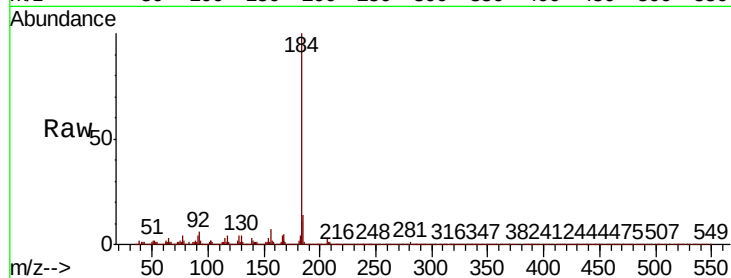
BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

Tot Ion:184 Resp: 559859

Ion	Ratio	Lower	Upper
184	100		
185	14.3	10.7	16.1
183	11.4	9.1	13.7

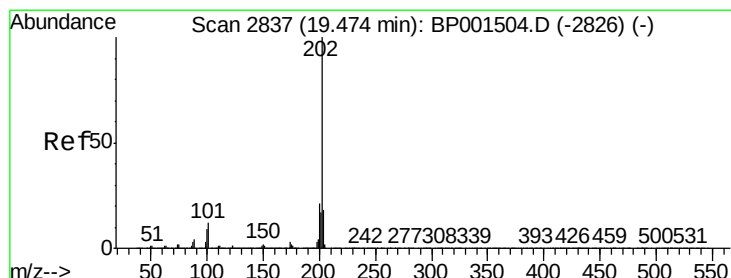
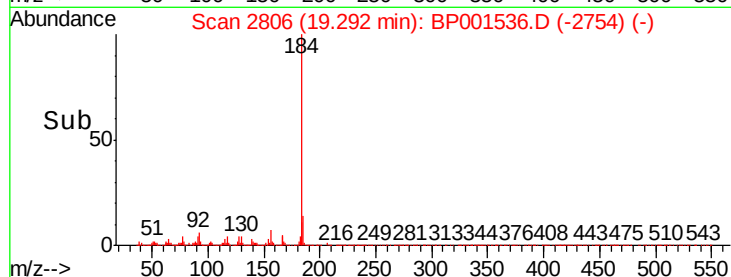
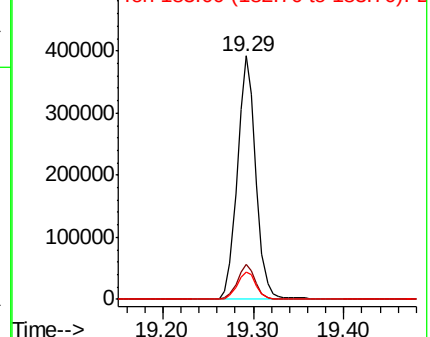


Abundance

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: 54.048 ng

RT: 19.46 min Scan# 2834

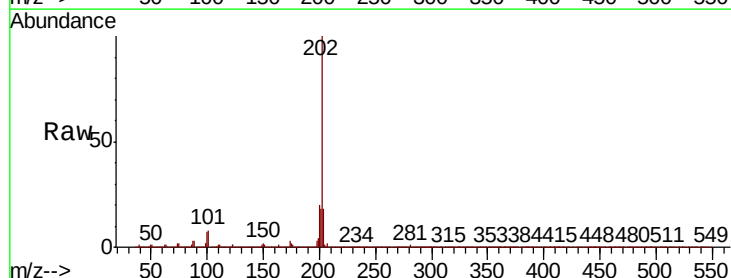
Delta R.T. 0.01 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Tgt Ion:202 Resp: 809728

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.2	24.4
203	17.7	13.6	20.4

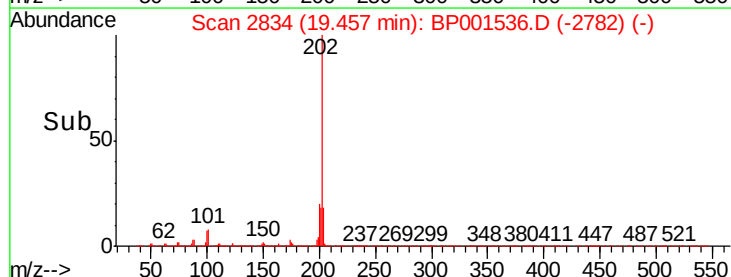
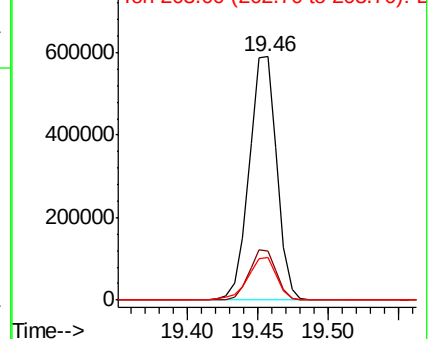


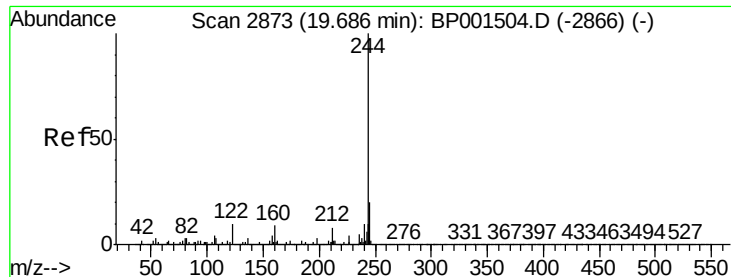
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.208 ng

RT: 19.66 min Scan# 2869

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

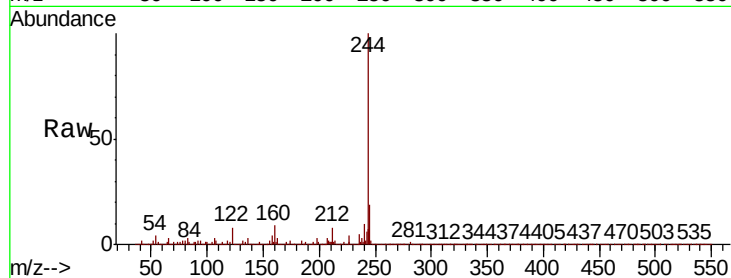
Tot Ion:244 Resp: 851652

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

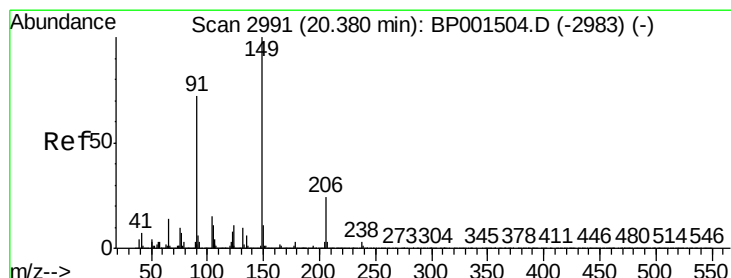
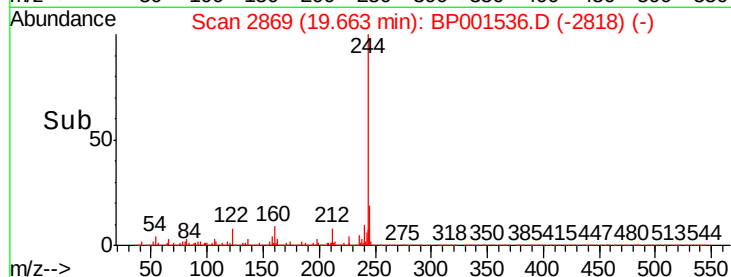
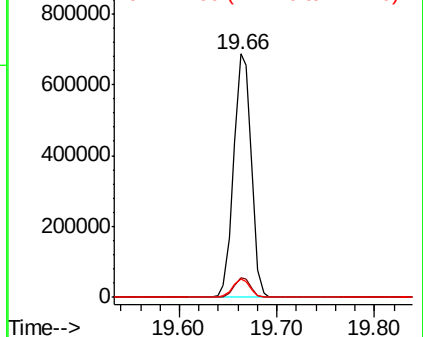
122 7.5 6.0 9.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.185 ng

RT: 20.36 min Scan# 2987

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

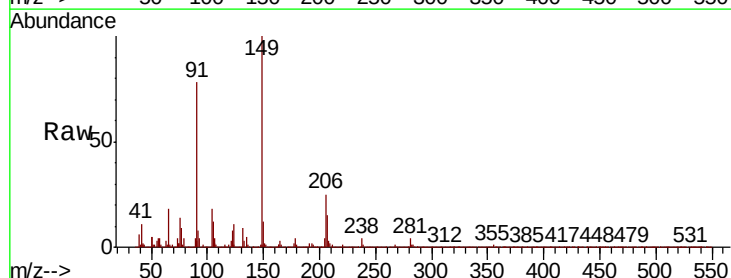
Tgt Ion:149 Resp: 265459

Ion Ratio Lower Upper

149 100

91 77.7 62.8 94.2

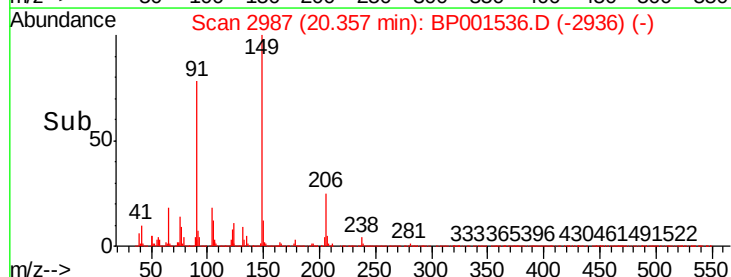
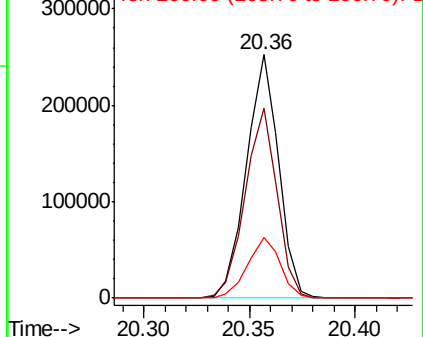
206 25.0 20.0 30.0

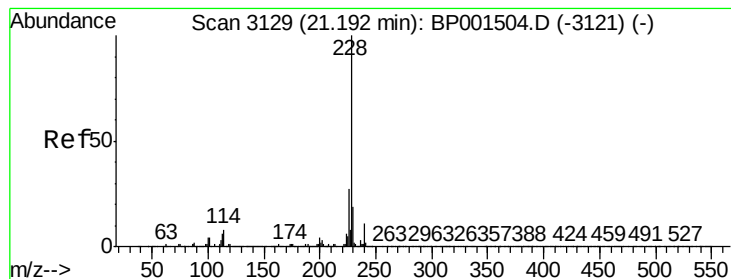


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.094 ng

RT: 21.17 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

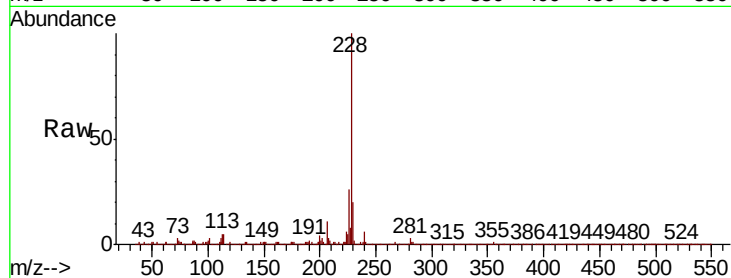
BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

Tot Ion:228 Resp: 667730

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.4	32.2
229	20.1	15.5	23.3

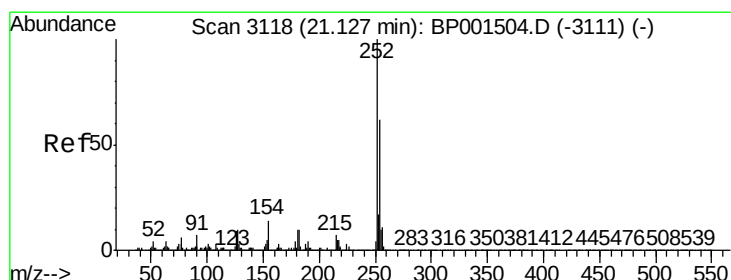
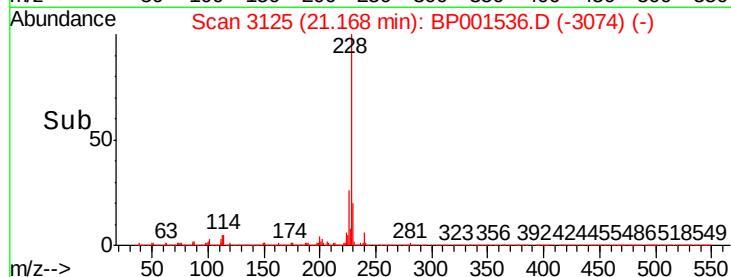
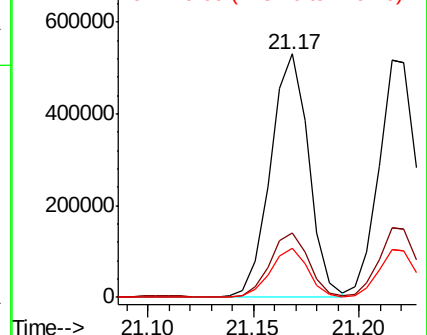


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 51.064 ng

RT: 21.10 min Scan# 3114

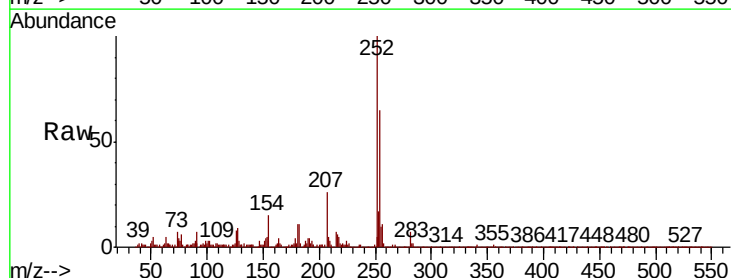
Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Tgt Ion:252 Resp: 262574

Ion	Ratio	Lower	Upper
252	100		
254	65.2	50.7	76.1
126	8.4	7.0	10.4

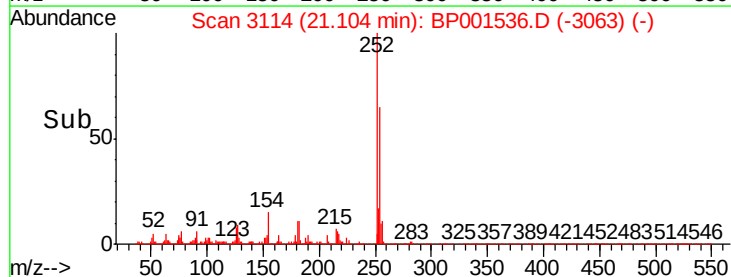
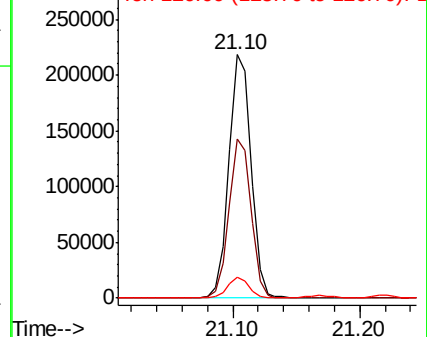


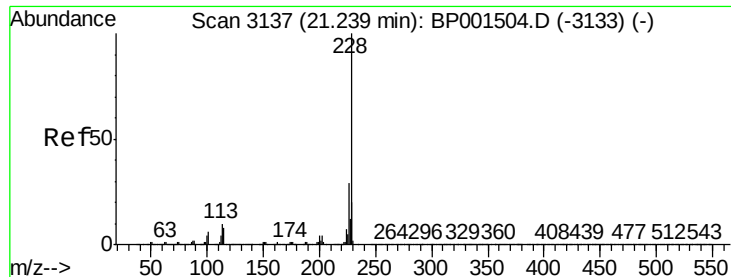
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.820 ng

RT: 21.22 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

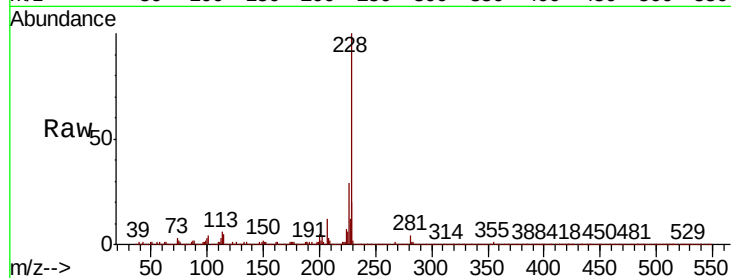
BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

Tot Ion:228 Resp: 636446

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.1	34.7
229	19.9	15.6	23.4

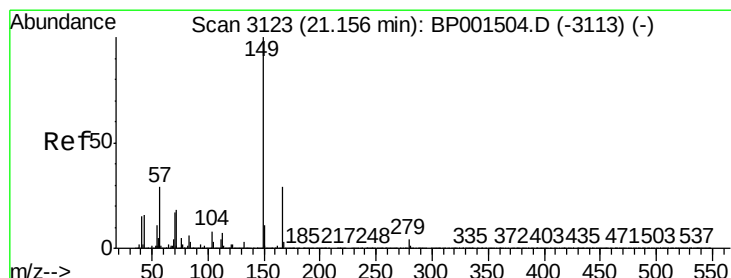
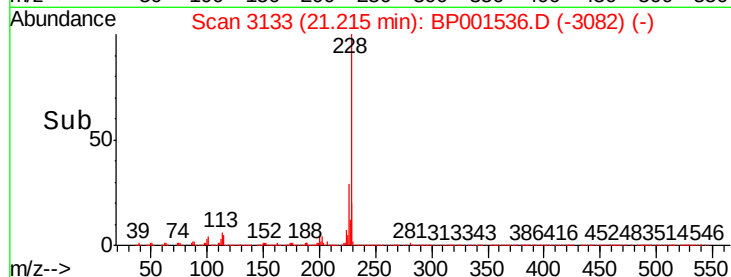
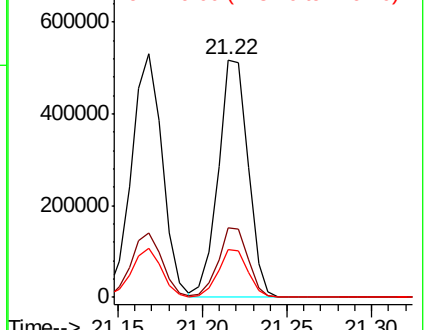


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.617 ng

RT: 21.13 min Scan# 3119

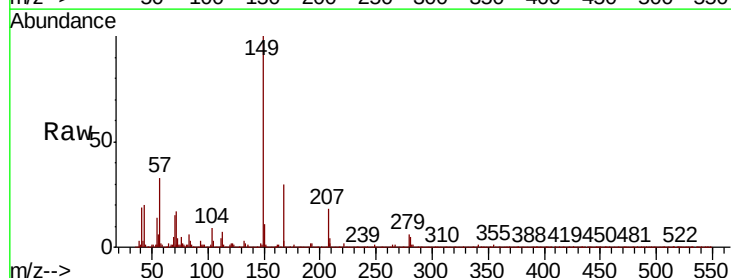
Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Tgt Ion:149 Resp: 355300

Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.0	36.0
279	5.5	4.2	6.4

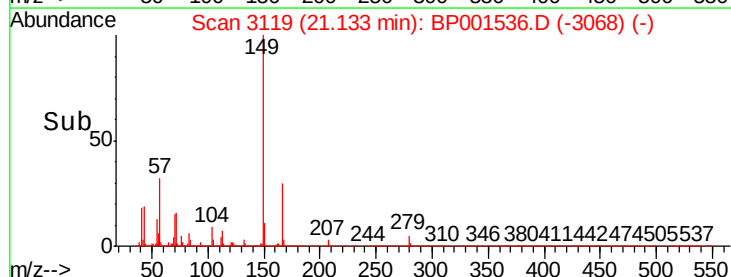
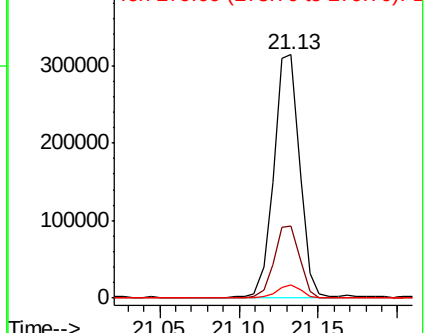


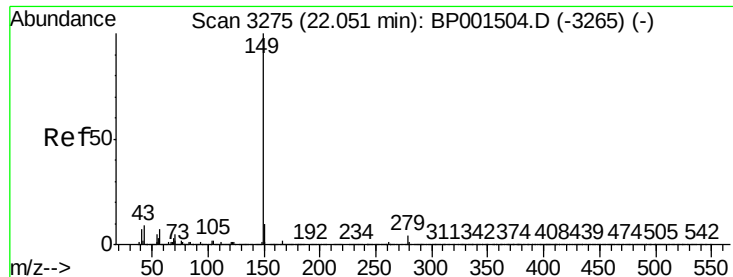
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 34.712 ng

RT: 22.02 min Scan# 3269

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

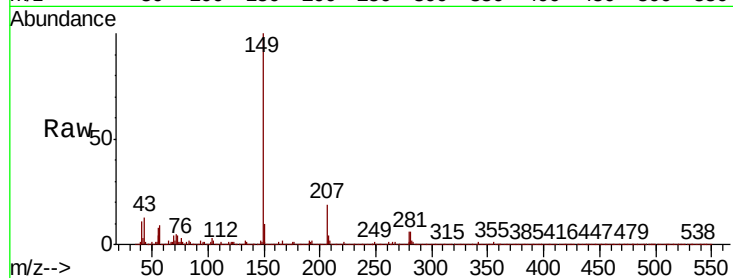
Tot Ion:149 Resp: 570210

Ion Ratio Lower Upper

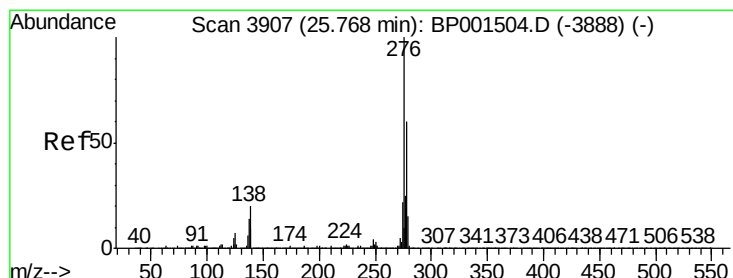
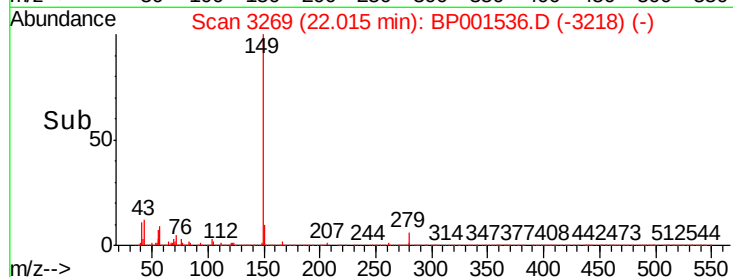
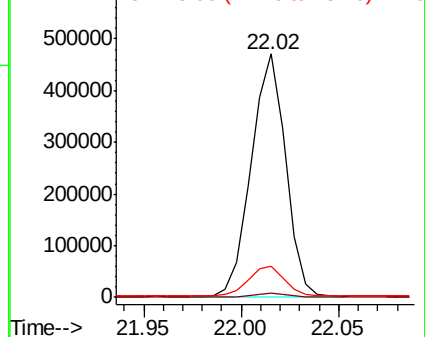
149 100

167 1.7 1.4 2.2

43 12.5 9.8 14.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.116 ng

RT: 25.72 min Scan# 3898

Delta R.T. 0.01 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

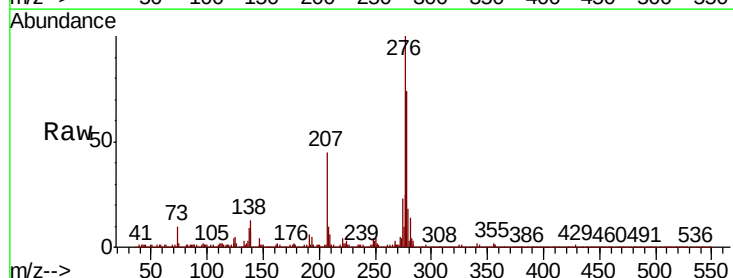
Tgt Ion:276 Resp: 695067

Ion Ratio Lower Upper

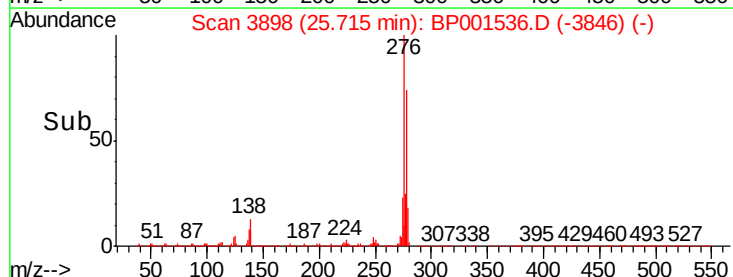
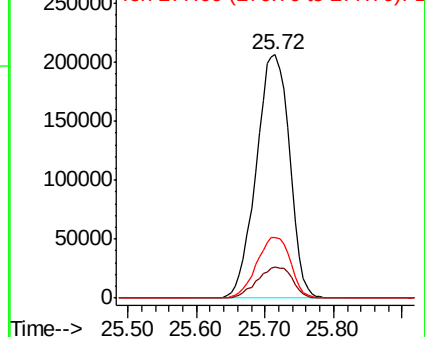
276 100

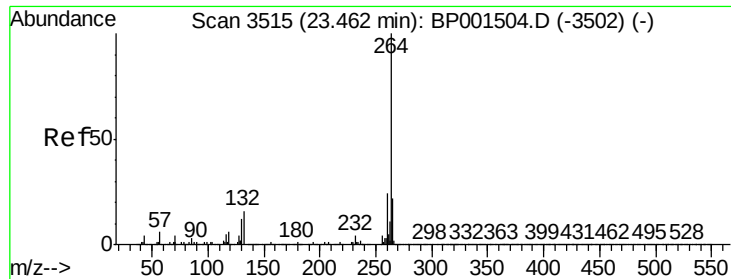
138 13.4 11.0 16.6

277 25.4 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.43 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

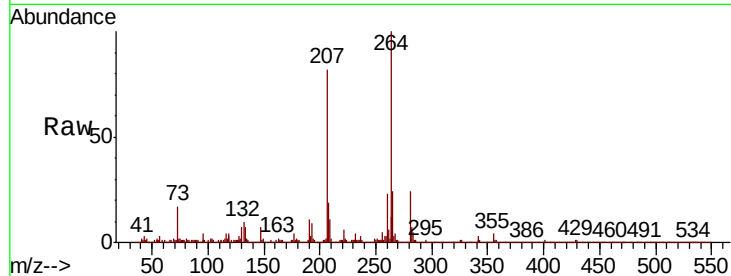
Tot Ion:264 Resp: 220333

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 24.3 19.0 28.4

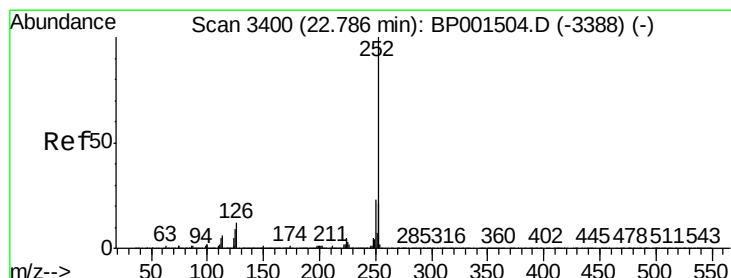
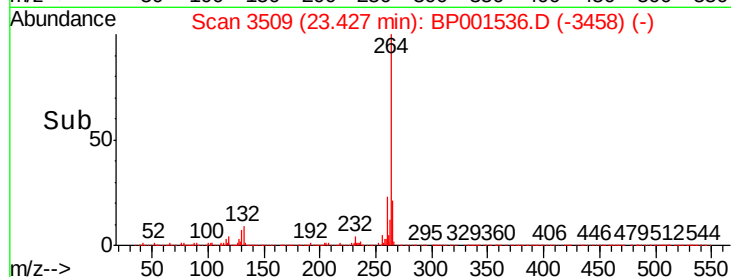
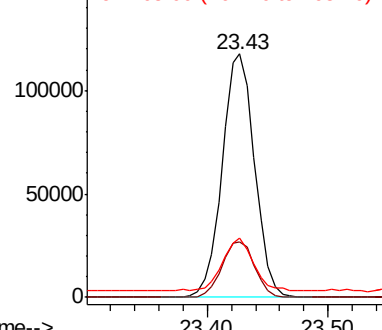


Abundance

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: 47.051 ng

RT: 22.76 min Scan# 3395

Delta R.T. 0.01 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

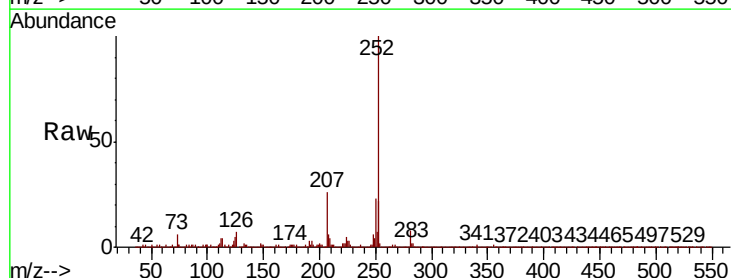
Tgt Ion:252 Resp: 641891

Ion Ratio Lower Upper

252 100

253 21.8 16.7 25.1

125 5.5 4.2 6.2

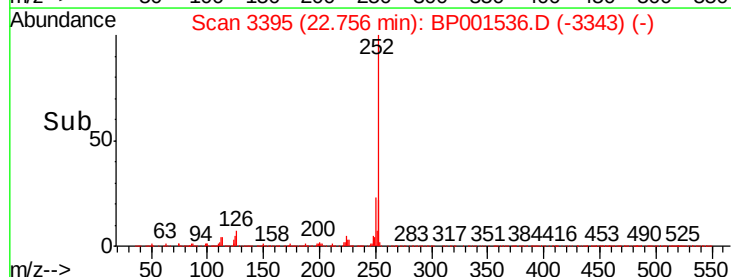
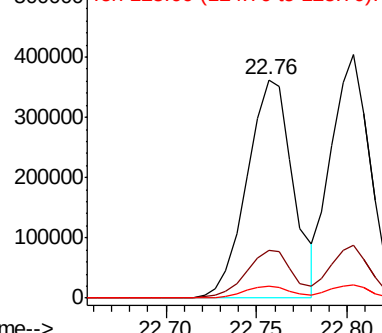


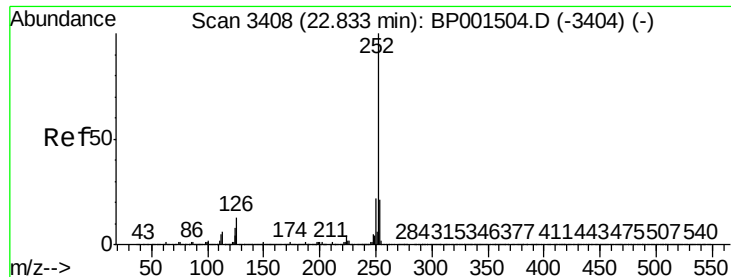
Abundance

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: 46.006 ng

RT: 22.80 min Scan# 3403

Delta R.T. 0.01 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

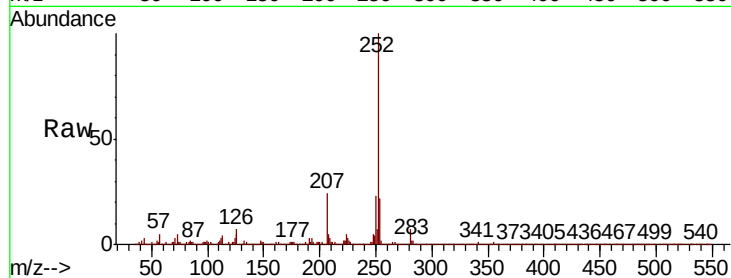
Tot Ion:252 Resp: 601206

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 5.3 4.8 7.2

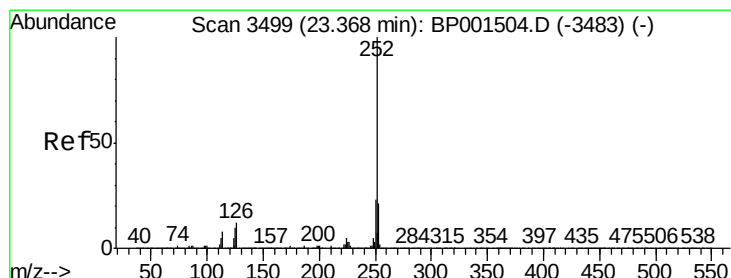
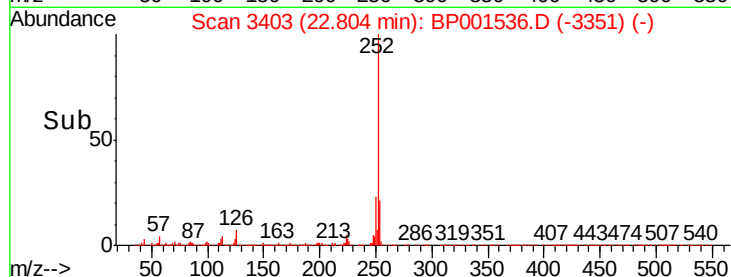
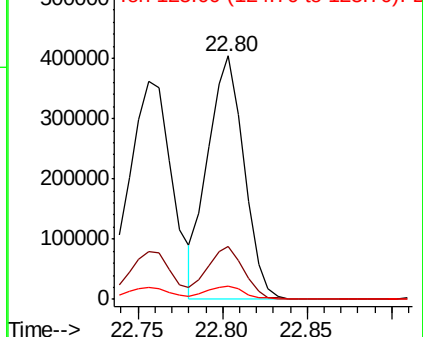


Abundance

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



#90

Benzo(a)pyrene

Concen: 44.429 ng

RT: 23.33 min Scan# 3493

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

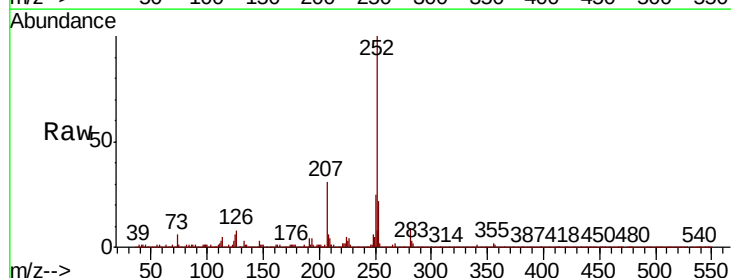
Tgt Ion:252 Resp: 567375

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 5.8 4.6 6.8

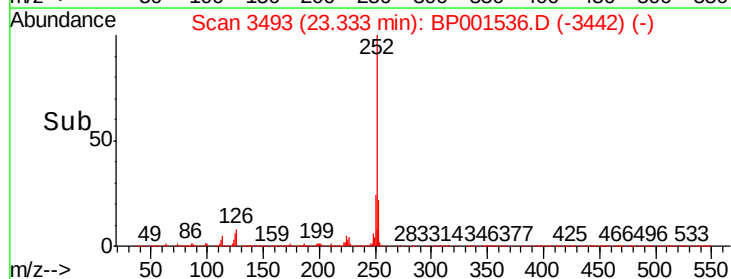
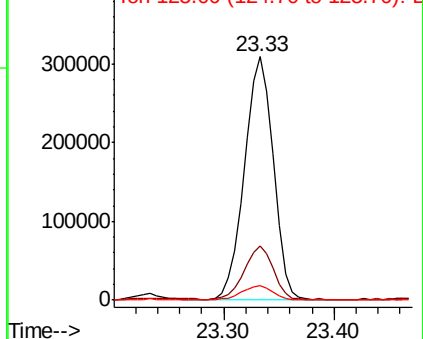


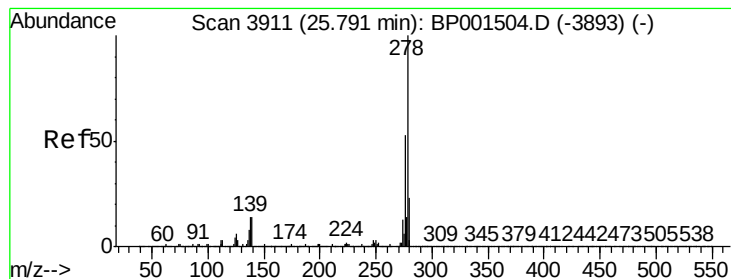
Abundance

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





#91

Dibenzo(a,h)anthracene

Concen: 45.852 ng

RT: 25.73 min Scan# 3900

Delta R.T. -0.00 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

Instrument :

BNA_P

ClientSampleId :

MC-123019-0-2-COMP-B1MS

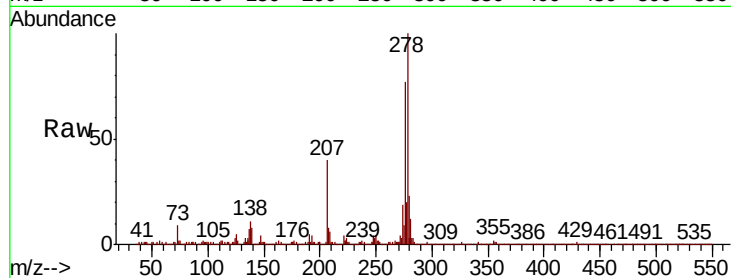
Tot Ion:278 Resp: 581965

Ion Ratio Lower Upper

278 100

139 8.2 7.2 10.8

279 23.0 19.2 28.8

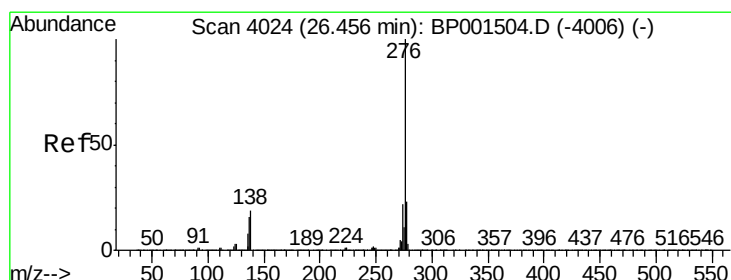
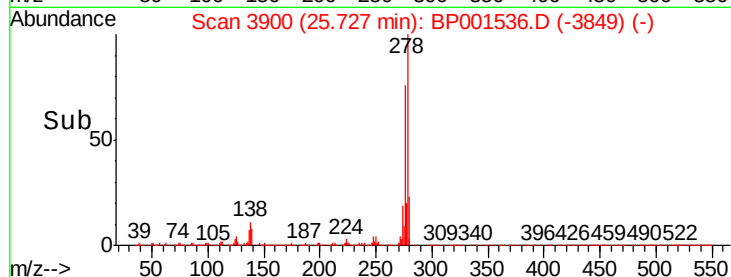
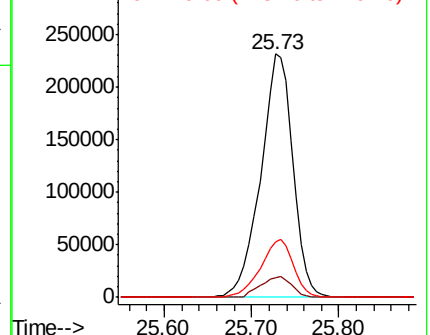


Abundance

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: 46.496 ng

RT: 26.40 min Scan# 4015

Delta R.T. 0.01 min

Lab File: BP001536.D

Acq: 06 Jan 2020 18:47

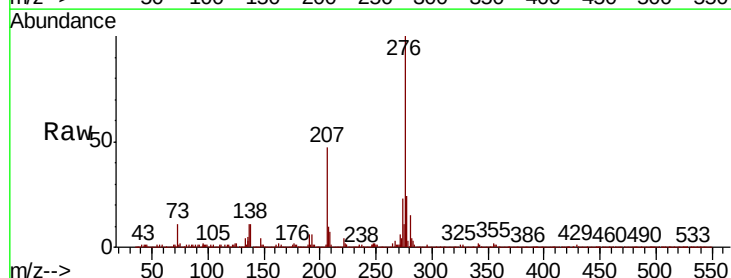
Tgt Ion:276 Resp: 588594

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 10.9 10.1 15.1



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

