

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000246.D
 Acq On : 16 Sep 2019 18:13
 Operator : HP/JU
 Sample : SSTDICC100
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 16 18:37:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 17:15:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	404716	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1508250	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	793959	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1402795	20.00	ng	0.00
76) Chrysene-d12	14.00	240	922784	20.00	ng	0.00
87) Perylene-d12	15.48	264	1147988	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	4025826	158.62	ng	0.01
7) Phenol-d6	6.44	99	4796946	149.72	ng	0.02
23) Nitrobenzene-d5	7.37	82	4109938	167.20	ng	0.02
42) 2,4,6-Tribromophenol	10.64	330	1394049	208.31	ng	0.01
45) 2-Fluorobiphenyl	9.16	172	6332673	133.20	ng	0.01
79) Terphenyl-d14	12.94	244	7064410	166.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	1019371	87.318	ng	99
3) Pyridine	3.27	79	2713223	86.264	ng	100
4) n-Nitrosodimethylamine	3.24	42	795933	78.369	ng	99
6) Aniline	6.46	93	3295274	71.066	ng	# 91
8) 2-Chlorophenol	6.59	128	2139511	81.527	ng	99
9) Benzaldehyde	6.34	77	1016253	51.436	ng	98
10) Phenol	6.46	94	2611191	73.353	ng	79
11) bis(2-Chloroethyl)ether	6.54	93	2216076	78.806	ng	96
12) 1,3-Dichlorobenzene	6.74	146	2639728	86.236	ng	98
13) 1,4-Dichlorobenzene	6.82	146	2563551	84.103	ng	97
14) 1,2-Dichlorobenzene	6.97	146	2217258	79.171	ng	97
15) Benzyl Alcohol	6.94	79	1702373	72.468	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1972771	65.237	ng	96
17) 2-Methylphenol	7.06	107	1952162	86.614	ng	98
18) Hexachloroethane	7.31	117	970749	85.868	ng	92
19) n-Nitroso-di-n-propylamine	7.23	70	1318795	72.324	ng	99
20) 3+4-Methylphenols	7.21	107	1827353	65.008	ng	97
22) Acetophenone	7.21	105	2664765	73.763	ng	# 94
24) Nitrobenzene	7.39	77	2116744	79.490	ng	95
25) Isophorone	7.63	82	4355588	83.864	ng	98
26) 2-Nitrophenol	7.69	139	1272397	122.698	ng	96
27) 2,4-Dimethylphenol	7.74	122	1836798	87.776	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	2692272	79.718	ng	98
29) 2,4-Dichlorophenol	7.94	162	1973043	91.695	ng	100
30) 1,2,4-Trichlorobenzene	8.02	180	2219369	90.474	ng	98
31) Naphthalene	8.10	128	5567559	80.456	ng	96
32) Benzoic acid	7.89	122	1617535	125.899	ng	99
33) 4-Chloroaniline	8.15	127	2838388	86.968	ng	99
34) Hexachlorobutadiene	8.22	225	1330321	96.246	ng	99
35) Caprolactam	8.55	113	570897	74.605	ng	95
36) 4-Chloro-3-methylphenol	8.64	107	2032060	86.553	ng	100
37) 2-Methylnaphthalene	8.79	142	3942720	81.529	ng	97
38) 1-Methylnaphthalene	8.89	142	3697480	81.147	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	1935491	86.126	ng	99

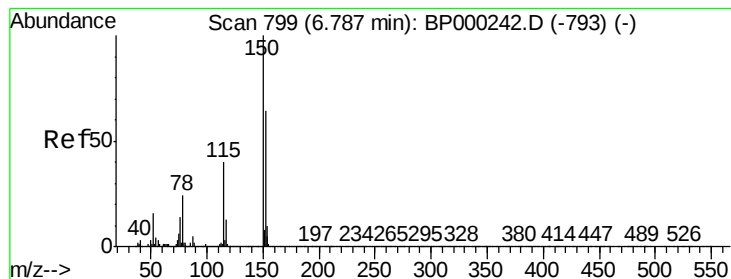
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000246.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	1228357	99.270	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	1425723	91.996	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	1467723	90.516	nq	97
46) 1,1'-Biphenyl	9.26	154	4326152	77.183	nq	94
47) 2-Chloronaphthalene	9.29	162	3846042	82.661	nq	96
48) 2-Nitroaniline	9.38	65	1070972	85.218	nq	98
49) Acenaphthylene	9.70	152	5529822	80.098	nq	94
50) Dimethylphthalate	9.57	163	4832395	89.317	nq	99
51) 2,6-Dinitrotoluene	9.63	165	1102246	95.981	nq	93
52) Acenaphthene	9.87	154	3447898	79.590	nq	99
53) 3-Nitroaniline	9.80	138	1269188	92.512	nq	98
54) 2,4-Dinitrophenol	9.90	184	600364	165.560	nq	# 89
55) Dibenzofuran	10.05	168	4884238	79.398	nq	96
56) 4-Nitrophenol	9.96	139	956196	97.511	nq	95
57) 2,4-Dinitrotoluene	10.03	165	1441334	98.310	nq	# 89
58) Fluorene	10.39	166	3551714	76.716	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	1123866	91.540	nq	99
60) Diethylphthalate	10.27	149	4367563	80.648	nq	96
61) 4-Chlorophenyl-phenylether	10.38	204	1951187	81.084	nq	98
62) 4-Nitroaniline	10.42	138	1250038	95.526	nq	97
63) Azobenzene	10.55	77	3550674	68.466	nq	95
65) 4,6-Dinitro-2-methylphenol	10.45	198	724189	145.414	nq	99
66) n-Nitrosodiphenylamine	10.50	169	3553539	85.265	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	1449888	101.702	nq	100
68) Hexachlorobenzene	10.95	284	1564882	100.743	nq	99
69) Atrazine	11.03	200	339151	27.969	nq	100
70) Pentachlorophenol	11.14	266	861337	102.334	nq	99
71) Phenanthrene	11.36	178	5600897	80.106	nq	96
72) Anthracene	11.42	178	5421747	78.499	nq	96
73) Carbazole	11.57	167	5225518	80.154	nq	97
74) Di-n-butylphthalate	11.90	149	6162349	77.954	nq	# 94
75) Fluoranthene	12.56	202	5982018	78.733	nq	96
77) Benzidine	12.67	184	1643967	51.635	nq	96
78) Pyrene	12.79	202	6065508	89.348	nq	94
80) Butylbenzylphthalate	13.42	149	3025547	100.027	nq	98
81) Benzo(a)anthracene	14.00	228	4925990	82.380	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	1998336	90.589	nq	99
83) Chrysene	14.03	228	4950434	87.526	nq	96
84) Bis(2-ethylhexyl)phthalate	13.99	149	3117879	79.209	nq	99
85) Di-n-octyl phthalate	14.61	149	6031095	86.948	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	7088135	100.012	nq	98
88) Benzo(b)fluoranthene	15.06	252	6448140	91.957	nq	98
89) Benzo(k)fluoranthene	15.09	252	4975831	77.543	nq	98
90) Benzo(a)pyrene	15.43	252	5681889	89.763	nq	98
91) Dibenzo(a,h)anthracene	17.02	278	5340751	84.371	nq	99
92) Benzo(g,h,i)perylene	17.45	276	5875974	93.785	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

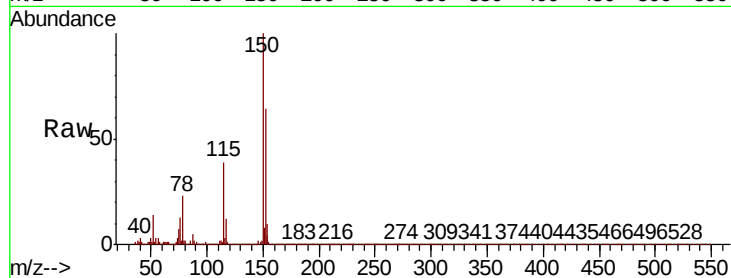
Tot Ion:152 Resp: 404716

Ion Ratio Lower Upper

152 100

150 157.0 125.2 187.8

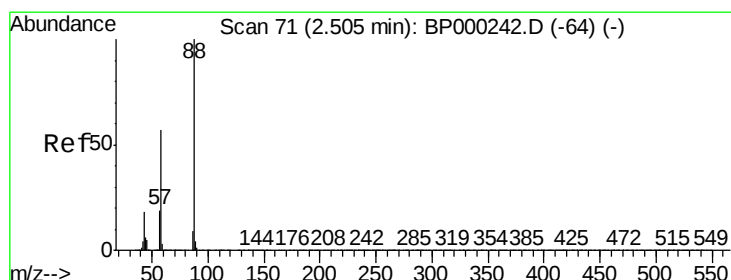
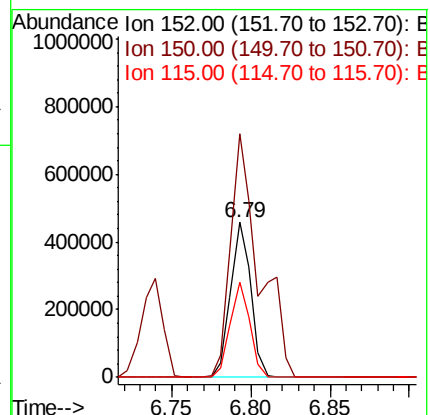
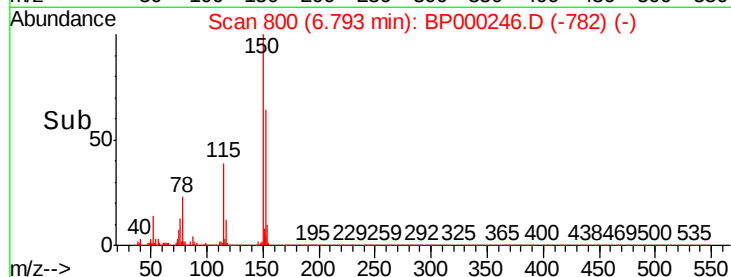
115 61.4 49.7 74.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 87.318 ng

RT: 2.52 min Scan# 73

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

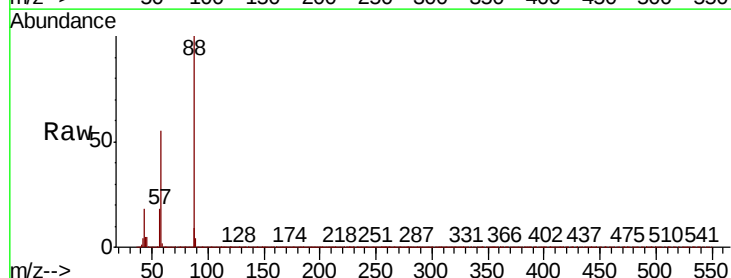
Tgt Ion: 88 Resp: 1019371

Ion Ratio Lower Upper

88 100

58 55.8 45.4 68.2

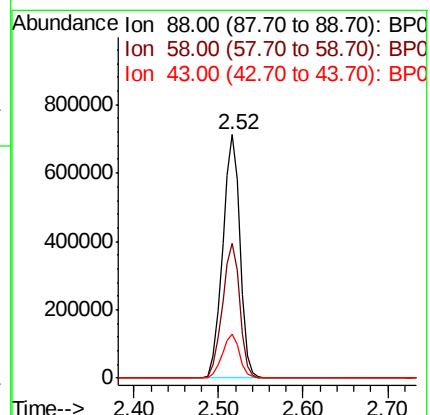
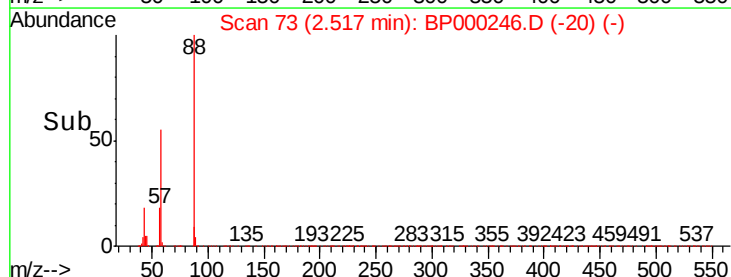
43 18.0 15.0 22.6

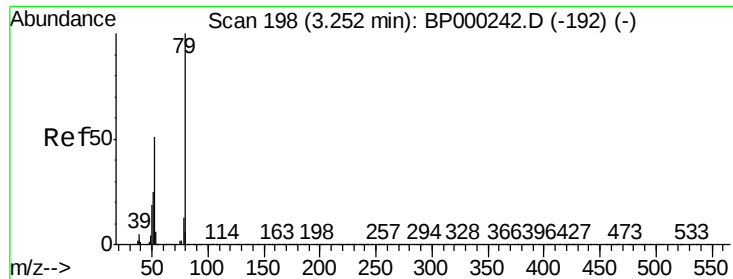


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 86.264 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.02 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

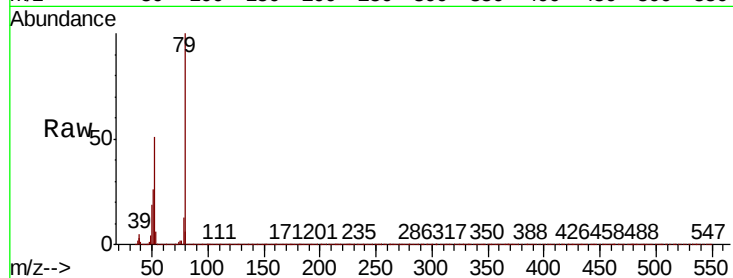
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 79 Resp: 2713223

Ion	Ratio	Lower	Upper
79	100		
52	51.3	40.9	61.3
51	25.6	20.2	30.2

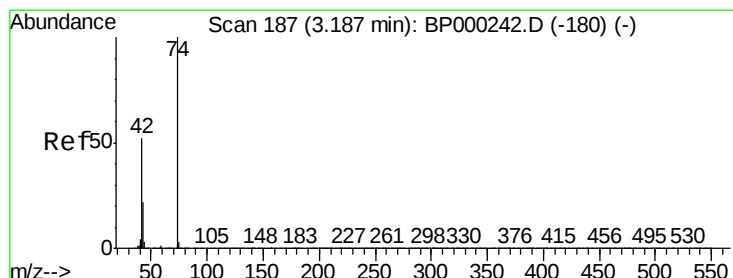
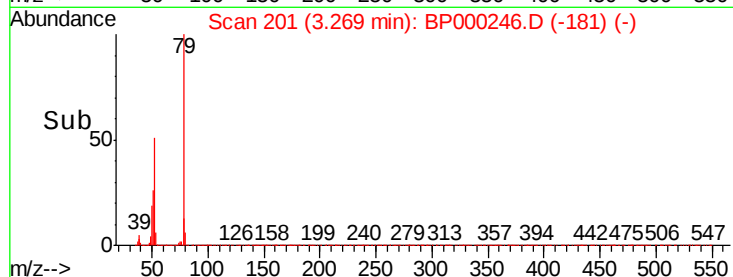
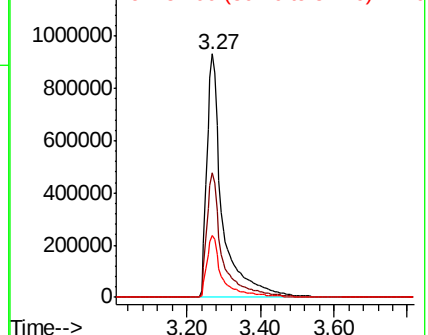


Abundance

Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 78.369 ng

RT: 3.24 min Scan# 196

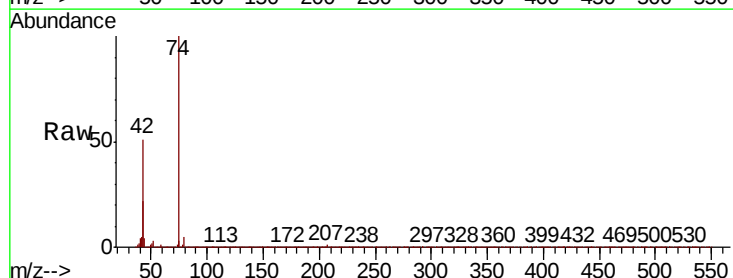
Delta R.T. 0.05 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Tgt Ion: 42 Resp: 795933

Ion	Ratio	Lower	Upper
42	100		
74	194.9	154.5	231.7
44	6.8	5.9	8.9

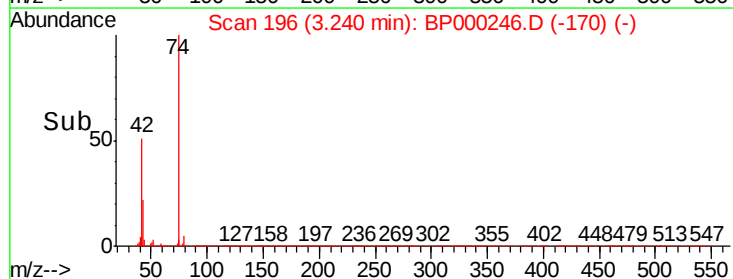
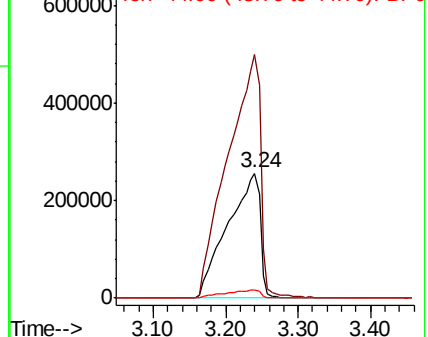


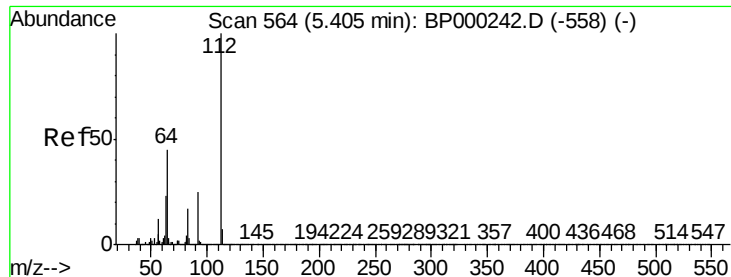
Abundance

Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 158.622 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

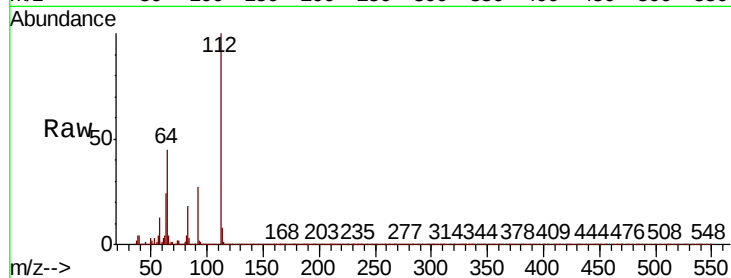
Tot Ion:112 Resp: 4025826

Ion Ratio Lower Upper

112 100

64 44.9 36.2 54.4

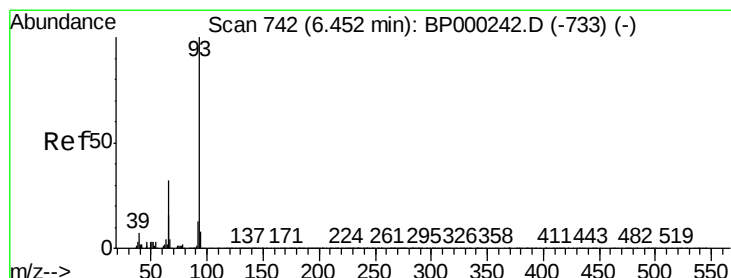
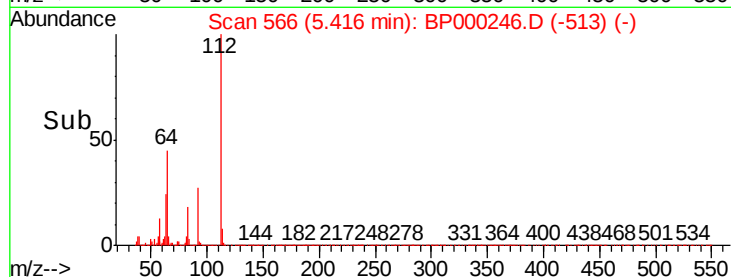
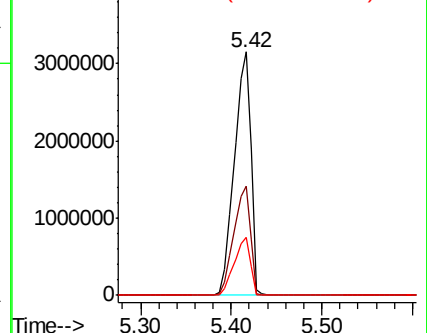
63 23.8 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 71.066 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

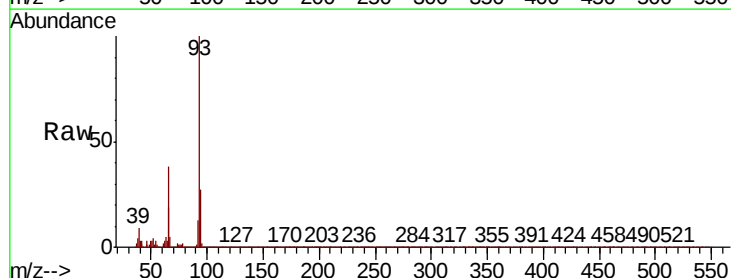
Tgt Ion: 93 Resp: 3295274

Ion Ratio Lower Upper

93 100

66 37.9 26.2 39.2

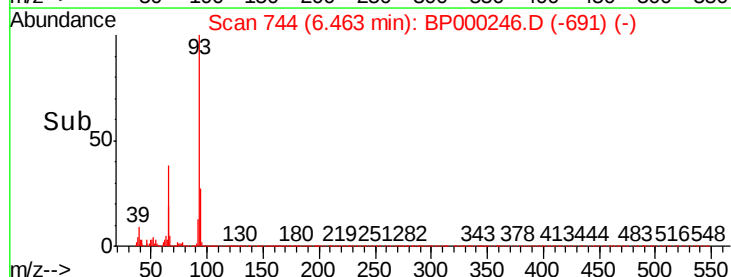
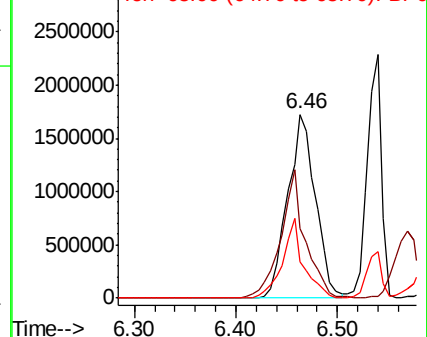
65 19.5 12.7 19.1#

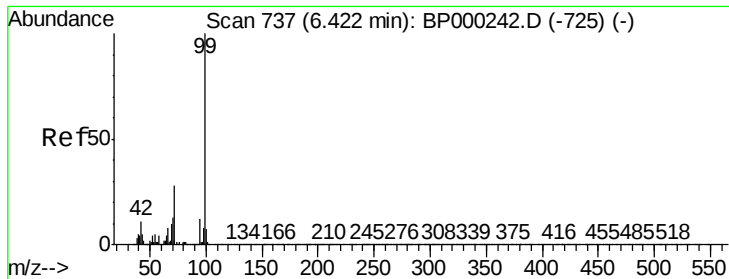


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 149.717 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

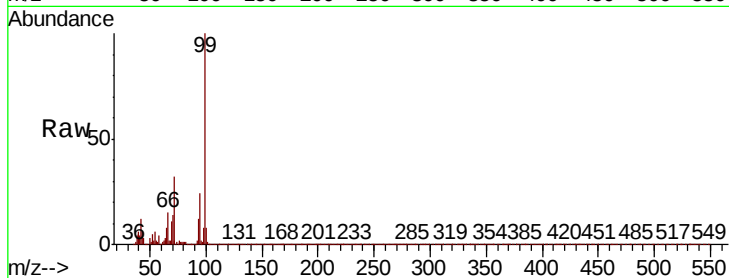
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 4796946

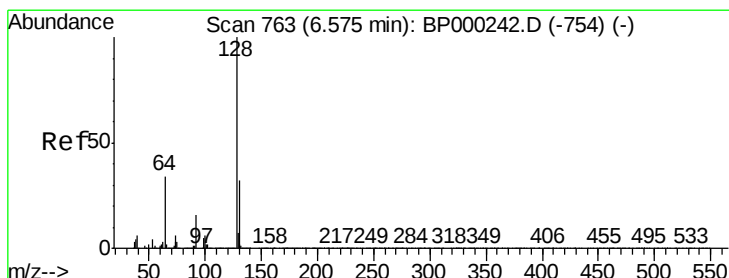
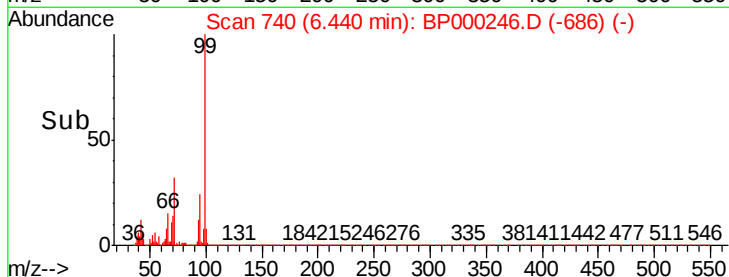
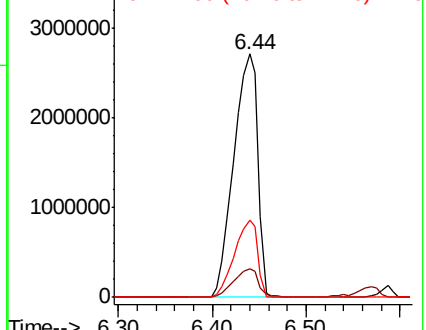
Ion	Ratio	Lower	Upper
99	100		
42	12.0	8.5	12.7
71	31.9	22.6	34.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 81.527 ng

RT: 6.59 min Scan# 765

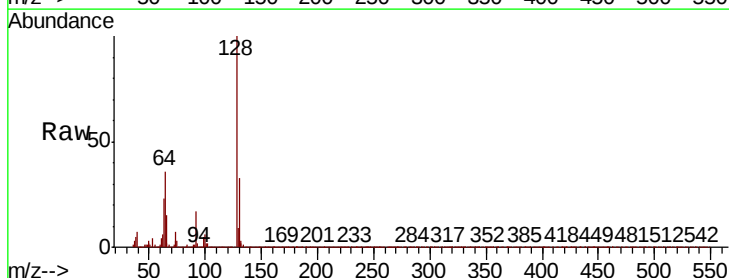
Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Tgt Ion: 128 Resp: 2139511

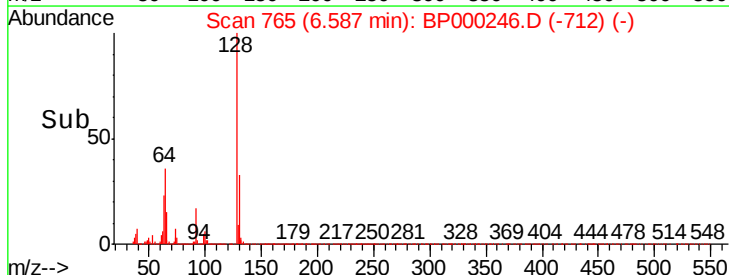
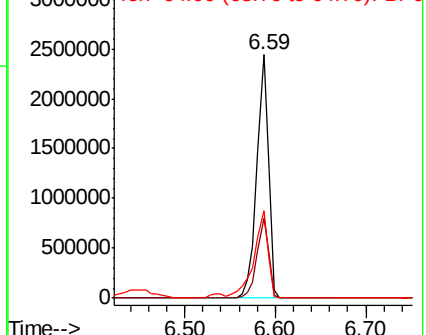
Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	35.8	16.0	56.0

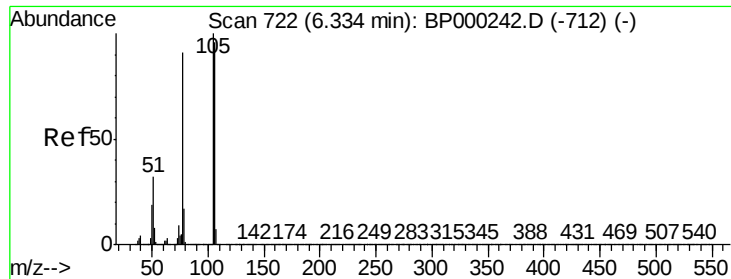


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 51.436 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

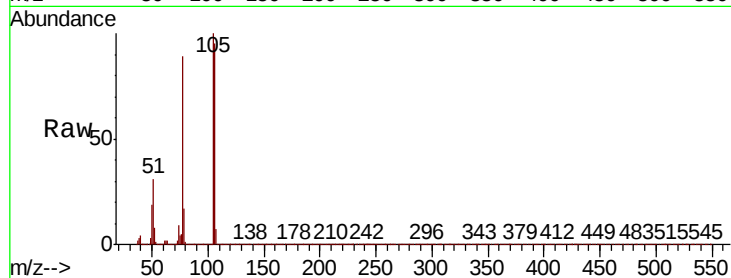
Instrument :

BNA_P

ClientSampled :

Tot Ion: 77 Resp: 1016253

Ion	Ratio	Lower	Upper
77	100		
105	112.3	89.6	129.6
106	106.5	84.6	124.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

6.34

Time-->

6.25 6.30 6.35 6.40

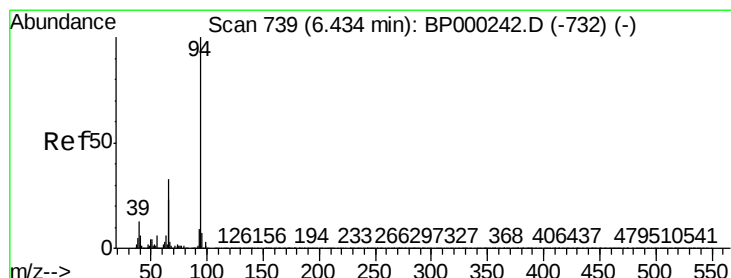
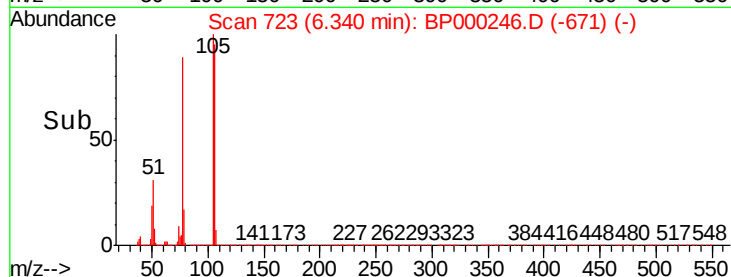
800000

600000

400000

200000

0



#10

Phenol

Concen: 73.353 ng

RT: 6.46 min Scan# 743

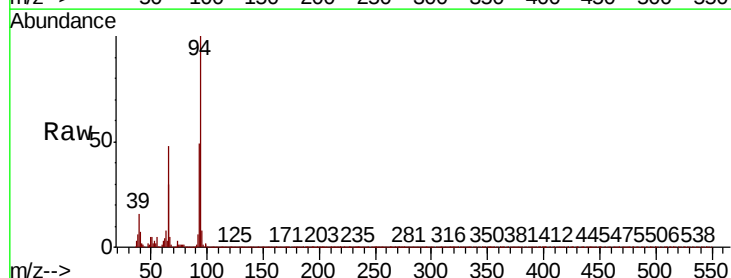
Delta R.T. 0.02 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Tgt Ion: 94 Resp: 2611191

Ion	Ratio	Lower	Upper
94	100		
65	29.6	3.3	43.3
66	47.5	12.7	52.7



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

6.46

Time-->

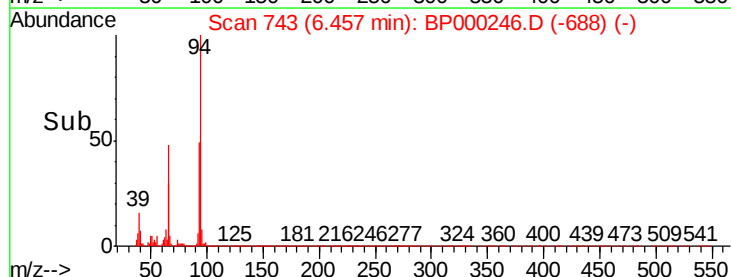
6.35 6.40 6.45 6.50

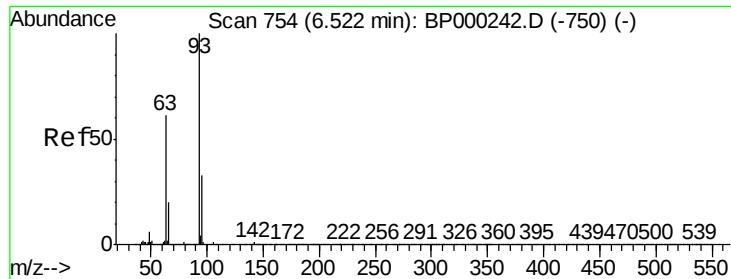
3000000

2000000

1000000

0

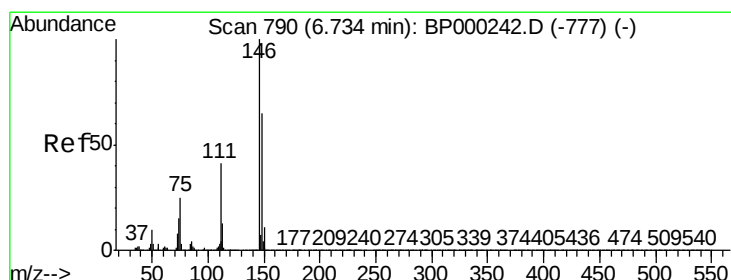
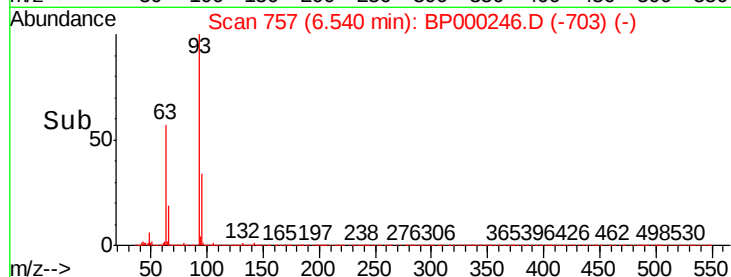
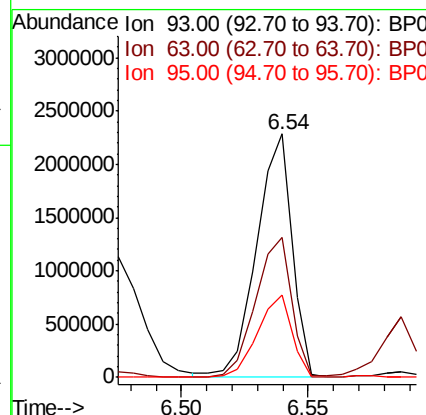
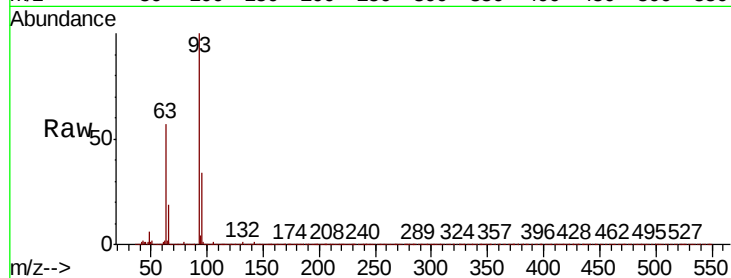




#11
bis(2-Chloroethyl)ether
Concen: 78.806 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.02 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

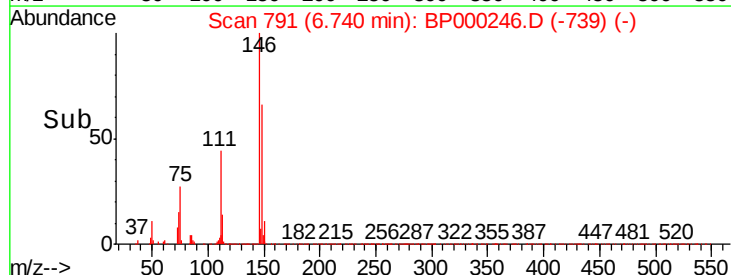
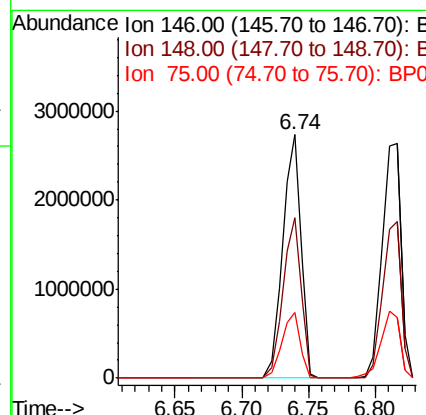
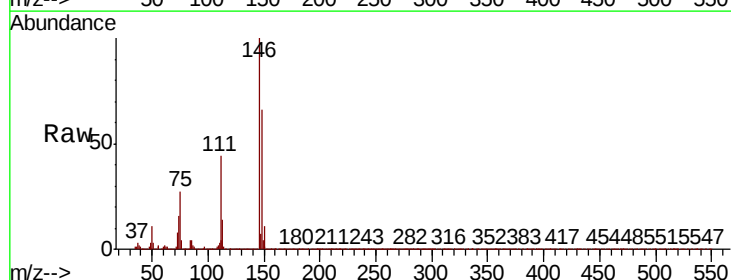
Instrument :
BNA_P
ClientSampleId :

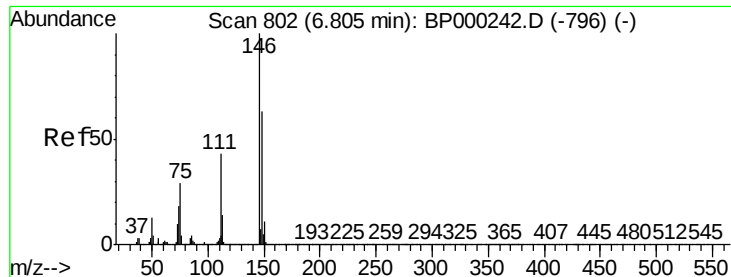
Tot Ion: 93 Resp: 2216076
Ion Ratio Lower Upper
93 100
63 57.3 41.0 81.0
95 33.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 86.236 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion: 146 Resp: 2639728
Ion Ratio Lower Upper
146 100
148 65.9 52.1 78.1
75 27.0 20.2 30.4

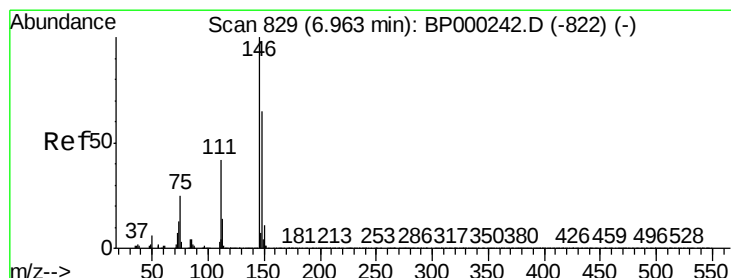
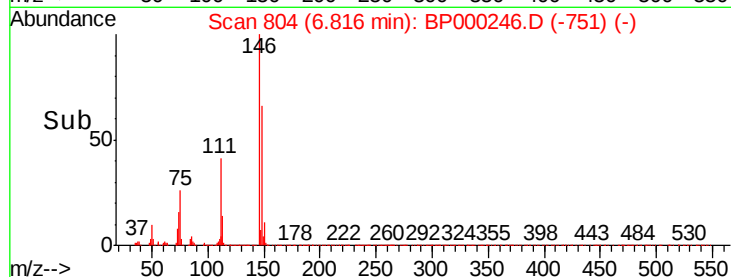
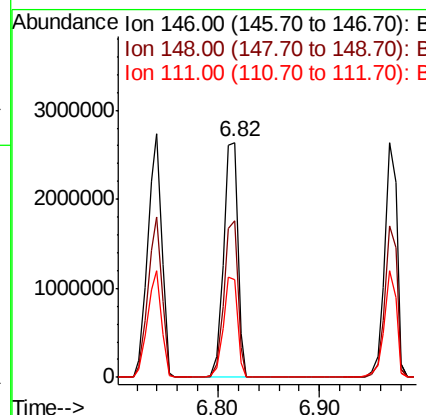
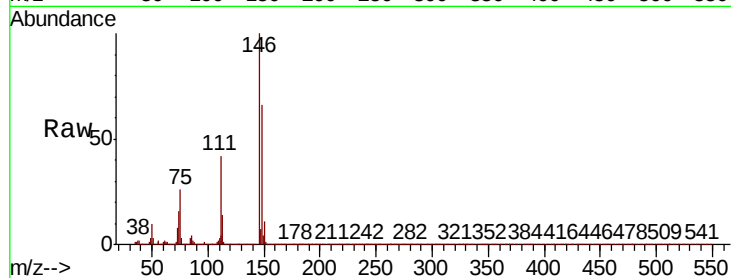




#13
 1,4-Dichlorobenzene
 Concen: 84.103 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.01 min
 Lab File: BP000246.D
 Acq: 16 Sep 2019 18:13

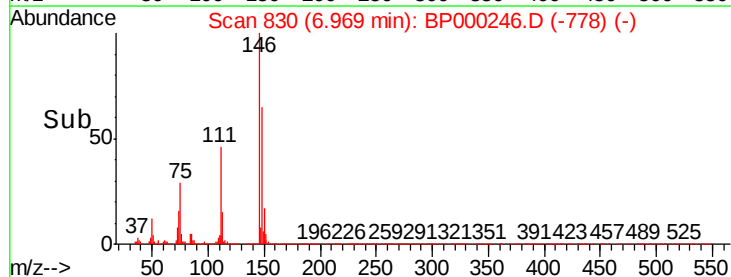
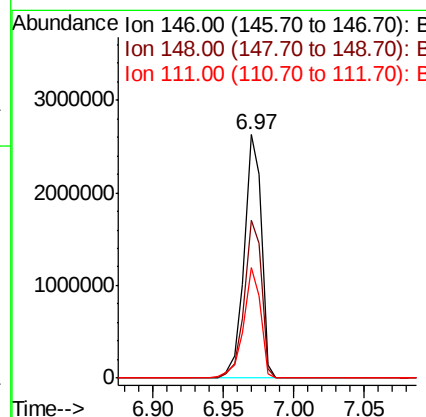
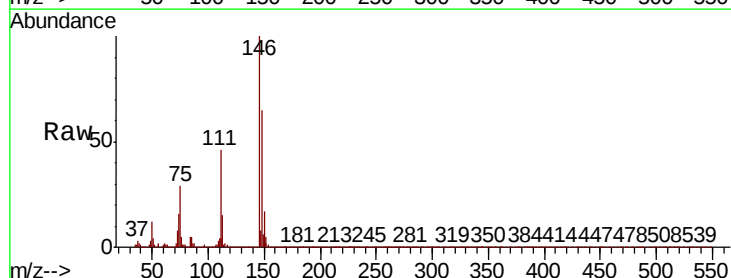
Instrument :
 BNA_P
 ClientSampleId :

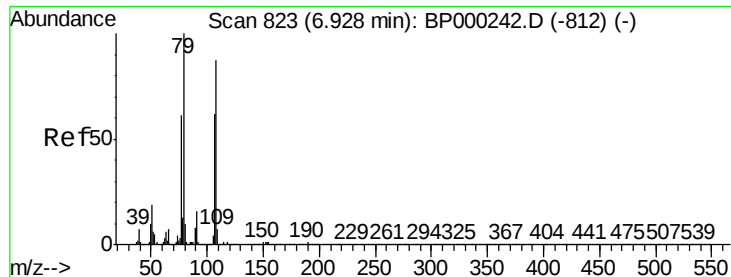
Tot Ion:146 Resp: 2563551
 Ion Ratio Lower Upper
 146 100
 148 66.5 50.7 76.1
 111 41.5 34.1 51.1



#14
 1,2-Dichlorobenzene
 Concen: 79.171 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BP000246.D
 Acq: 16 Sep 2019 18:13

Tgt Ion:146 Resp: 2217258
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.7 77.5
 111 45.6 33.4 50.2





#15

Benzyl Alcohol

Concen: 72.468 ng

RT: 6.94 min Scan# 825

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

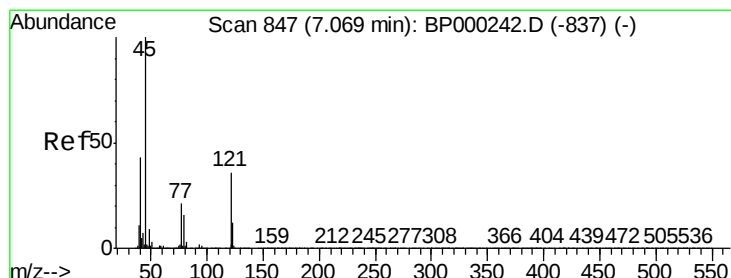
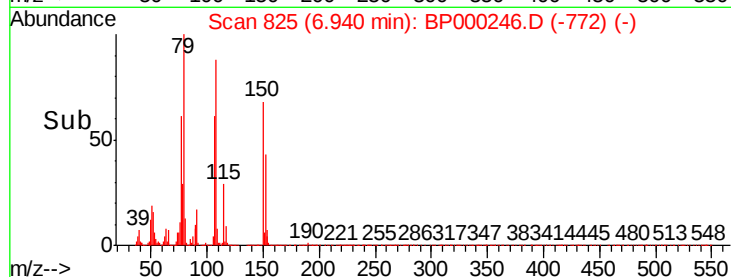
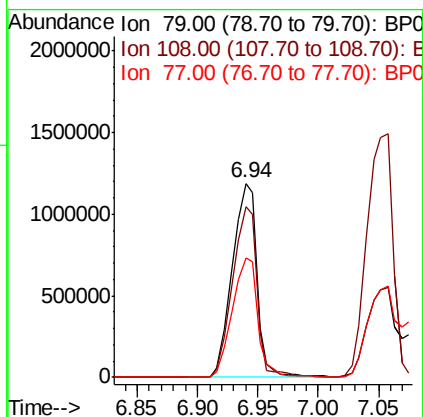
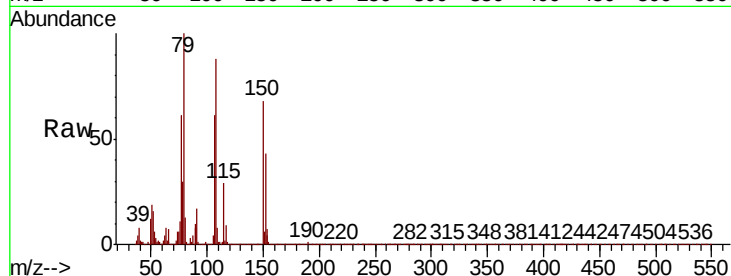
Tot Ion: 79 Resp: 1702373

Ion Ratio Lower Upper

79 100

108 87.8 69.2 103.8

77 61.5 48.7 73.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 65.237 ng

RT: 7.08 min Scan# 848

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

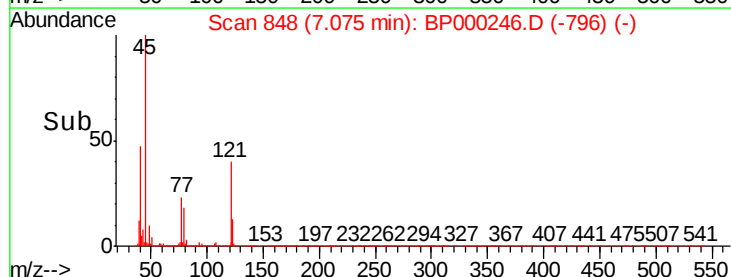
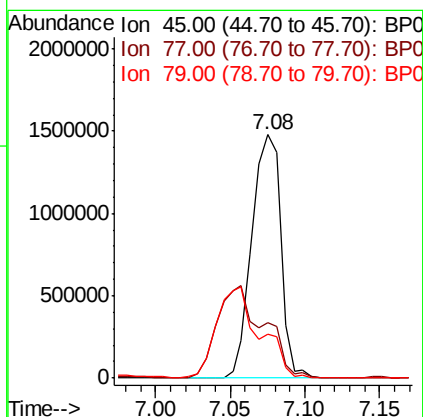
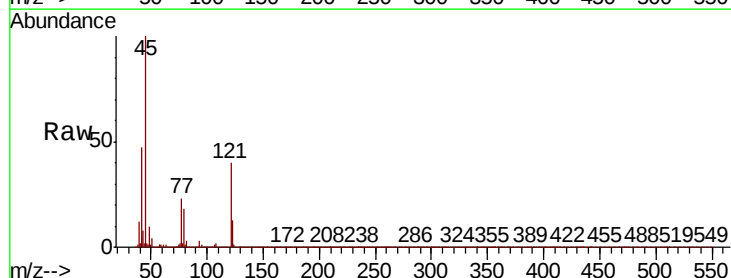
Tgt Ion: 45 Resp: 1972771

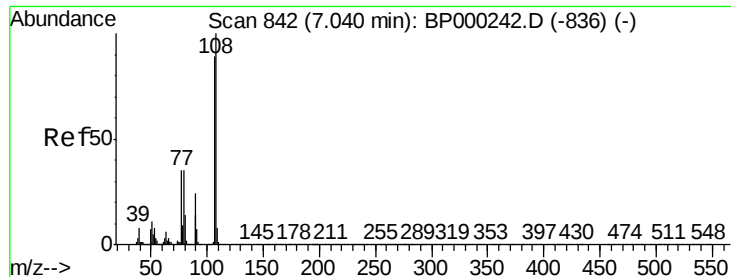
Ion Ratio Lower Upper

45 100

77 22.8 0.7 40.7

79 17.8 0.0 36.4





#17

2-Methylphenol

Concen: 86.614 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.02 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampled :

Tot Ion:107 Resp: 1952162

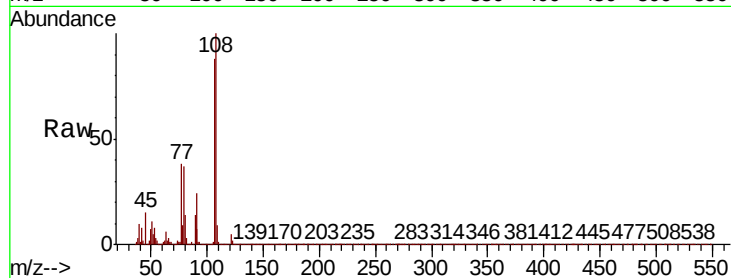
Ion Ratio Lower Upper

107 100

108 113.8 90.1 135.1

77 42.8 31.5 47.3

79 42.1 32.2 48.2

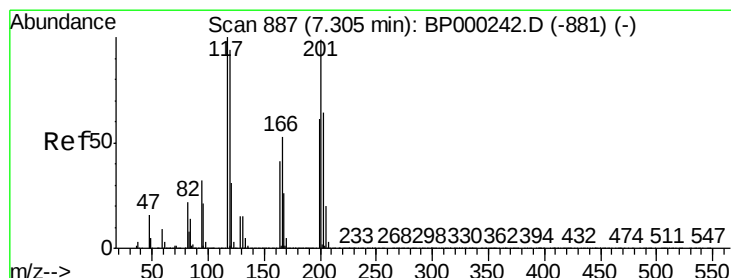
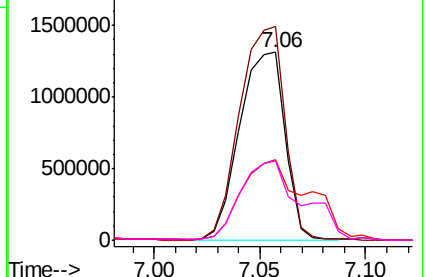
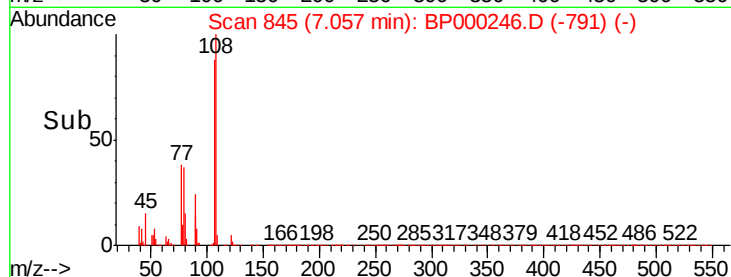


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 85.868 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

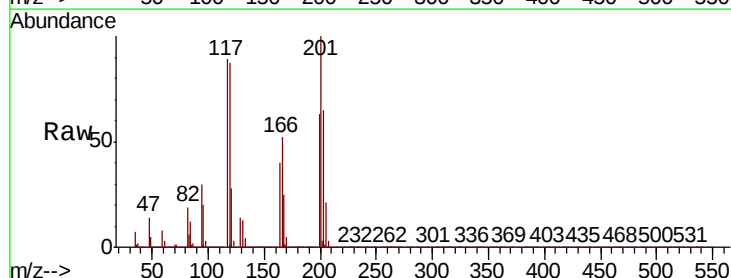
Tgt Ion:117 Resp: 970749

Ion Ratio Lower Upper

117 100

119 97.2 75.6 113.4

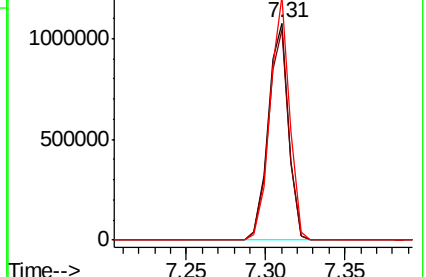
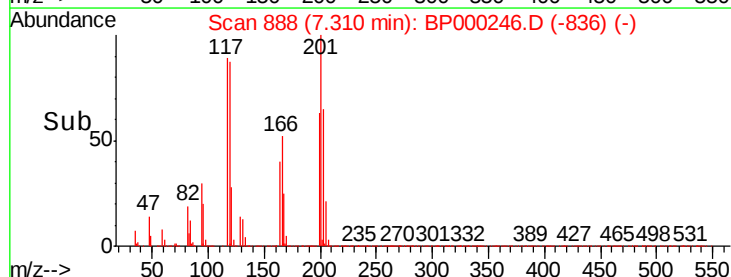
201 112.3 79.4 119.2

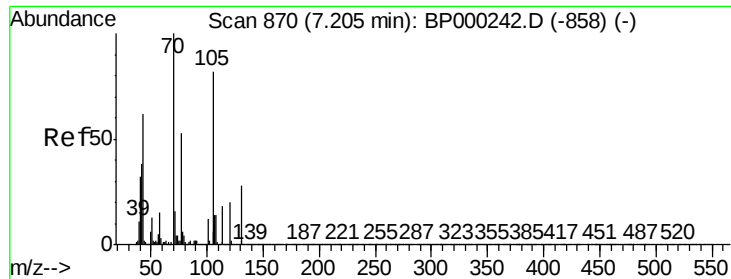


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

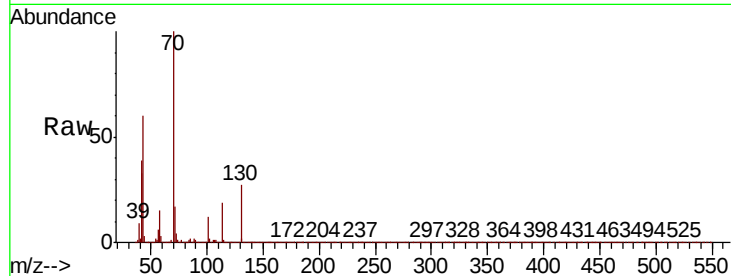




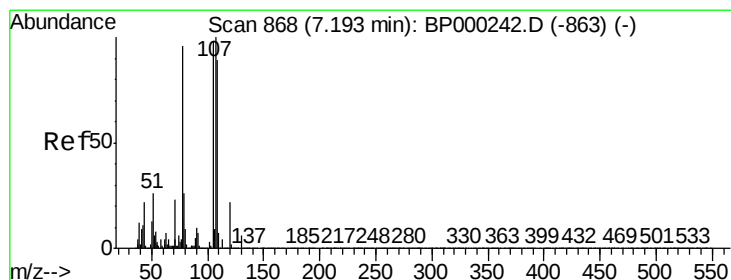
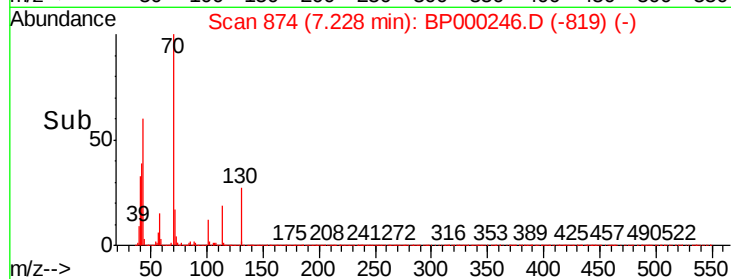
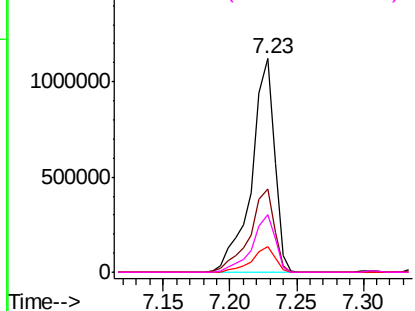
#19
n-Nitroso-di-n-propylamine
Concen: 72.324 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.02 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 70 Resp: 1318795
Ion Ratio Lower Upper
70 100
42 39.2 30.7 46.1
101 12.0 9.6 14.4
130 27.3 22.0 33.0

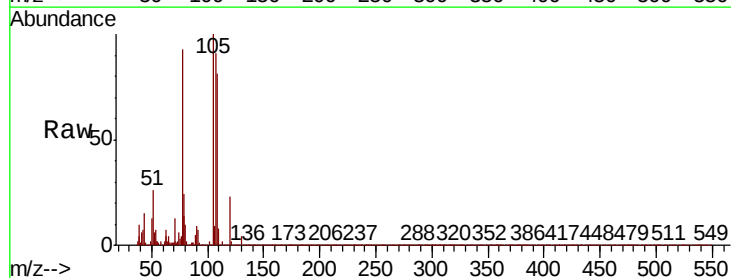


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

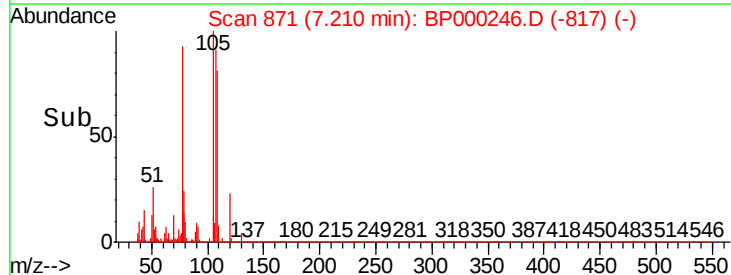
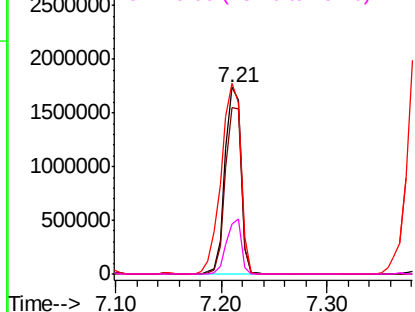


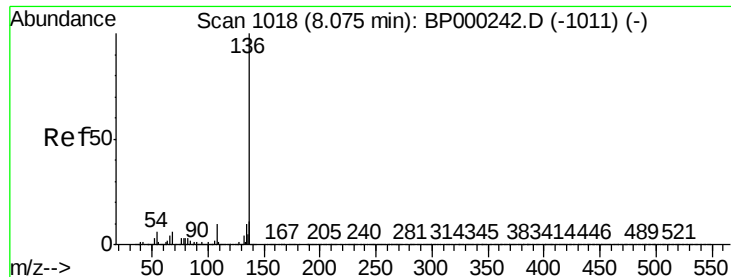
#20
3+4-Methylphenols
Concen: 65.008 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.02 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:107 Resp: 1827353
Ion Ratio Lower Upper
107 100
108 88.8 68.8 108.8
77 102.0 75.7 115.7
79 26.8 6.0 46.0



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 1508250

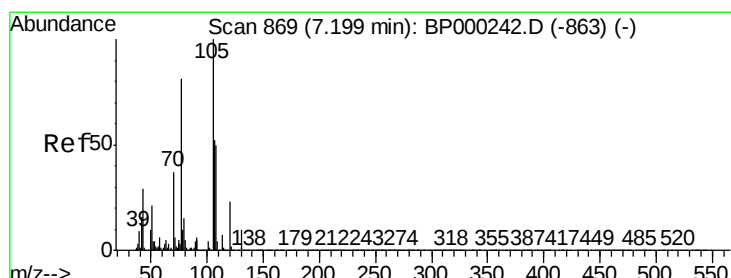
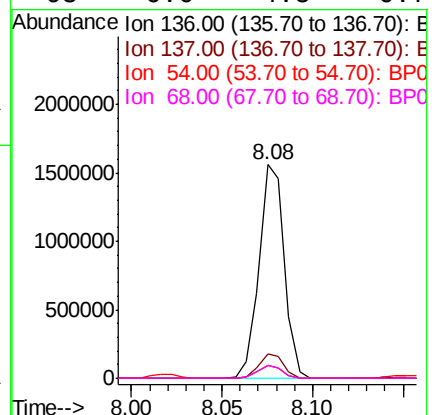
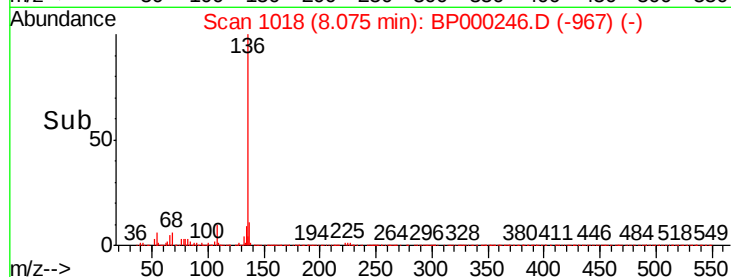
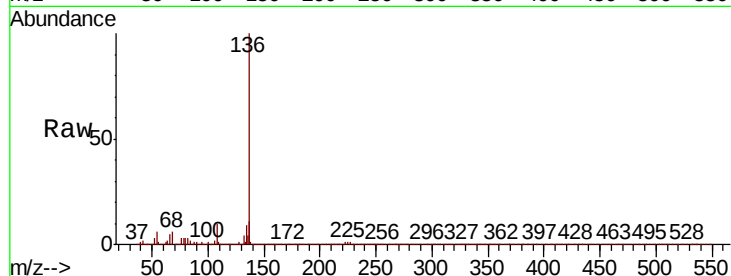
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 6.1 4.5 6.7

68 6.0 4.5 6.7



#22

Acetophenone

Concen: 73.763 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Tgt Ion:105 Resp: 2664765

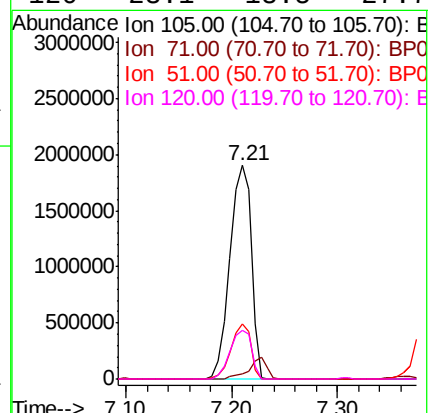
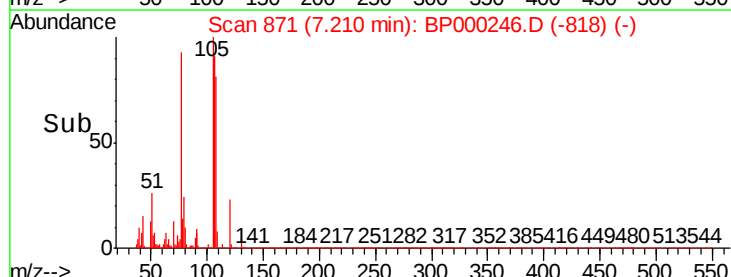
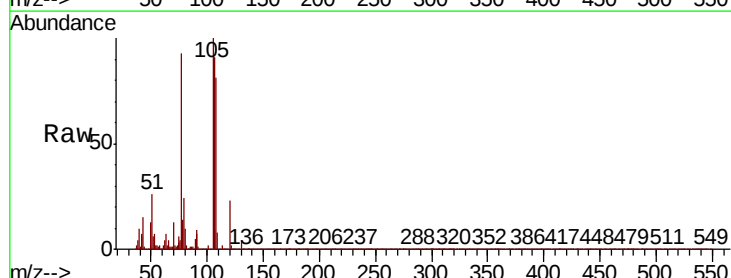
Ion Ratio Lower Upper

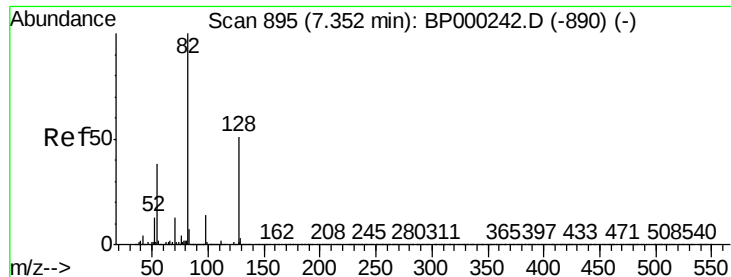
105 100

71 2.2 5.2 7.8#

51 25.8 16.6 24.8#

120 23.1 18.5 27.7

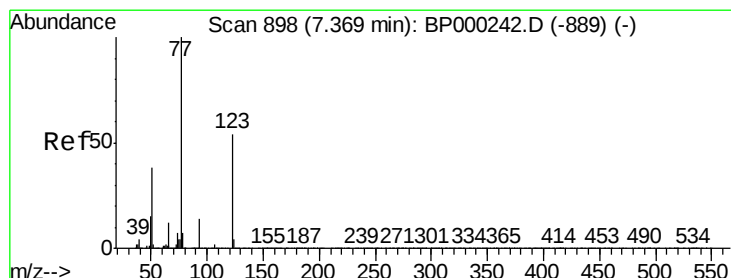
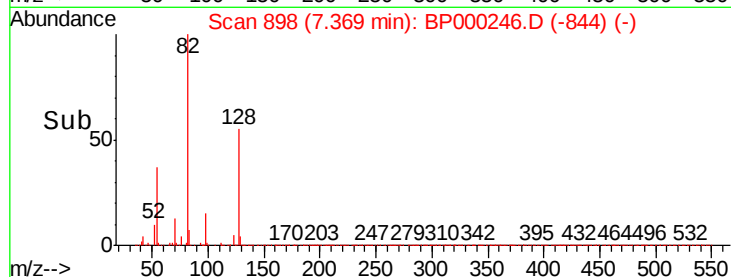
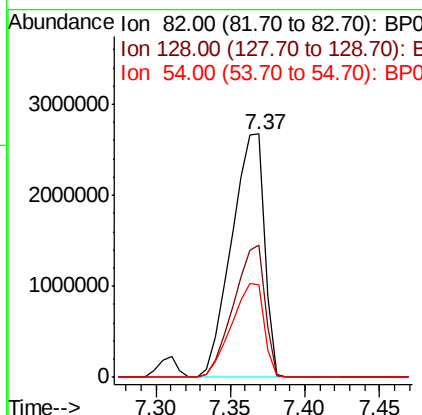
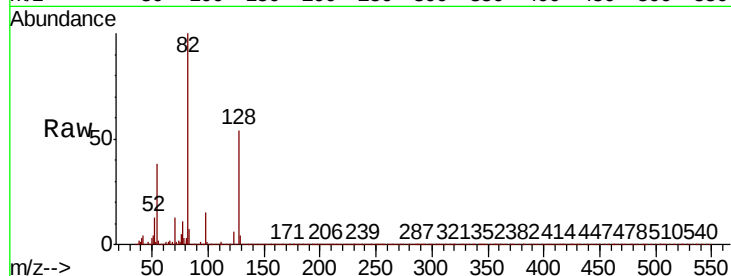




#23
 Nitrobenzene-d5
 Concen: 167.204 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.02 min
 Lab File: BP000246.D
 Acq: 16 Sep 2019 18:13

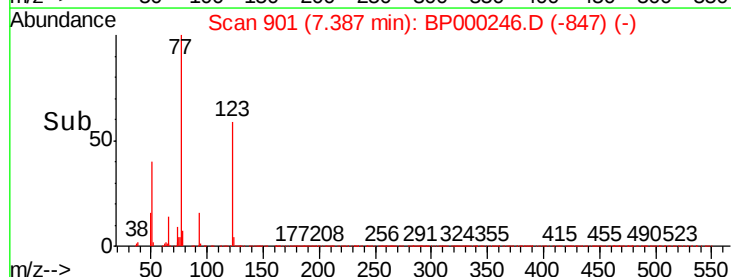
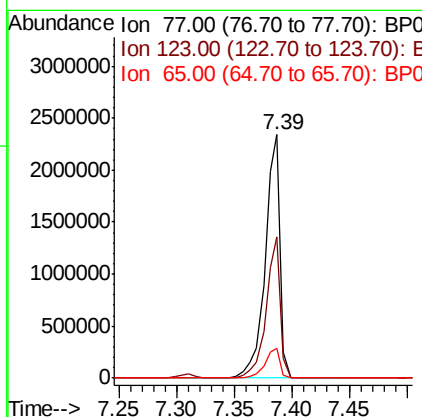
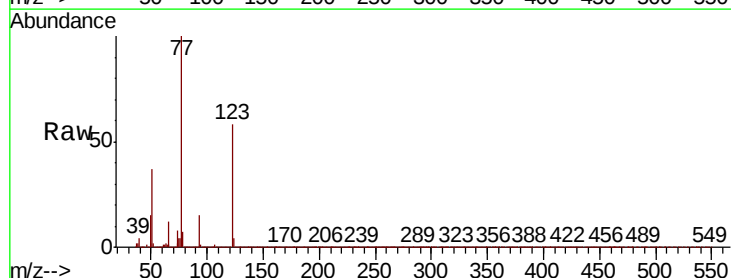
Instrument :
 BNA_P
 ClientSampleId :

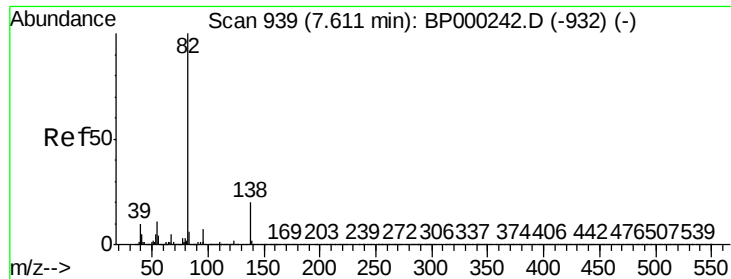
Tot Ion: 82 Resp: 4109938
 Ion Ratio Lower Upper
 82 100
 128 54.4 40.7 61.1
 54 38.2 30.1 45.1



#24
 Nitrobenzene
 Concen: 79.490 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.02 min
 Lab File: BP000246.D
 Acq: 16 Sep 2019 18:13

Tgt Ion: 77 Resp: 2116744
 Ion Ratio Lower Upper
 77 100
 123 57.9 43.1 64.7
 65 12.4 9.4 14.2





#25

Isophorone

Concen: 83.864 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.02 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

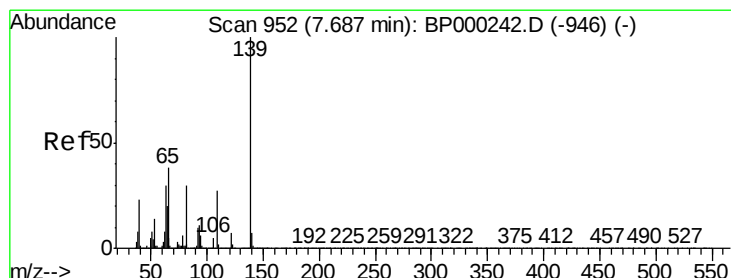
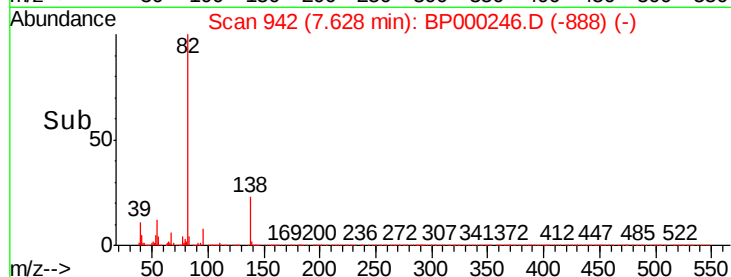
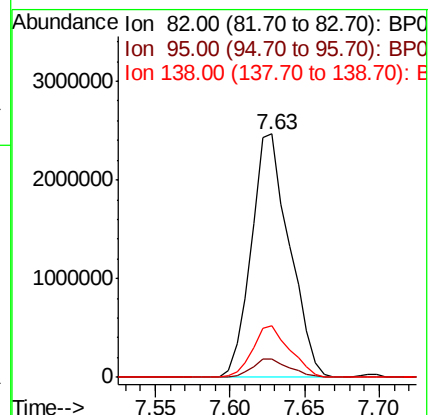
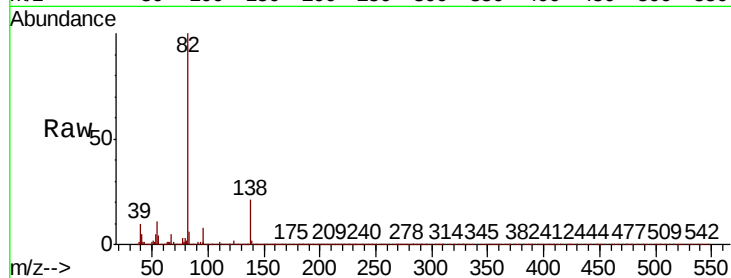
Tot Ion: 82 Resp: 4355588

Ion Ratio Lower Upper

82 100

95 7.7 5.9 8.9

138 21.1 15.9 23.9



#26

2-Nitrophenol

Concen: 122.698 ng

RT: 7.69 min Scan# 953

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

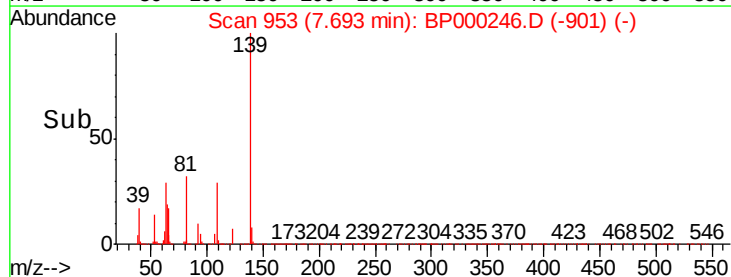
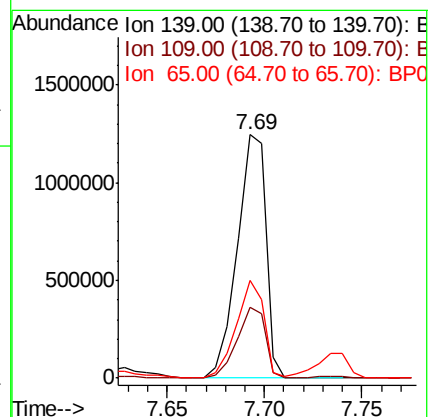
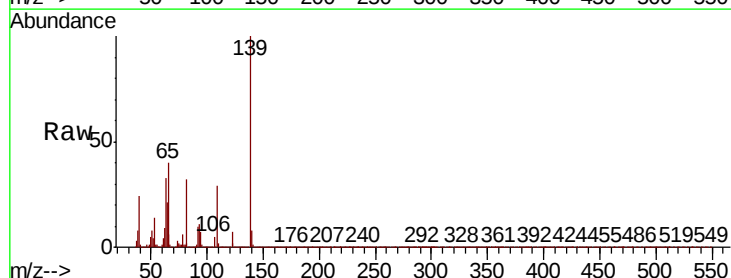
Tgt Ion: 139 Resp: 1272397

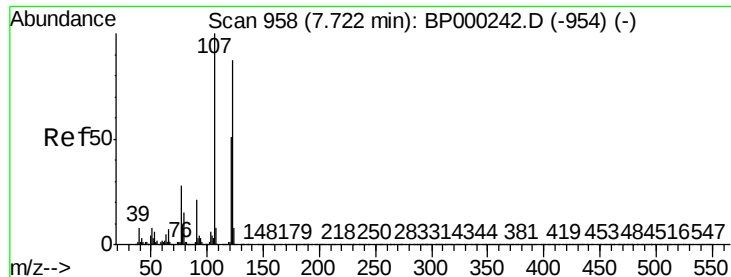
Ion Ratio Lower Upper

139 100

109 29.3 21.8 32.6

65 40.0 30.5 45.7





#27

2,4-Dimethylphenol

Concen: 87.776 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.02 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

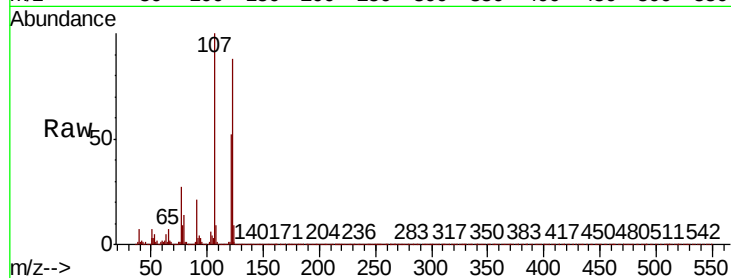
Tot Ion:122 Resp: 1836798

Ion Ratio Lower Upper

122 100

107 113.6 91.5 137.3

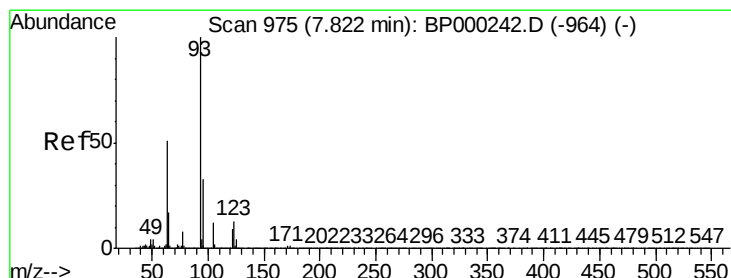
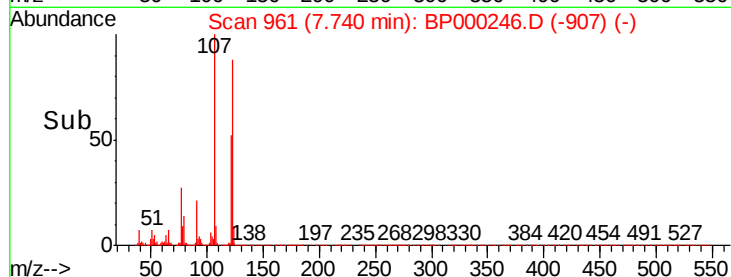
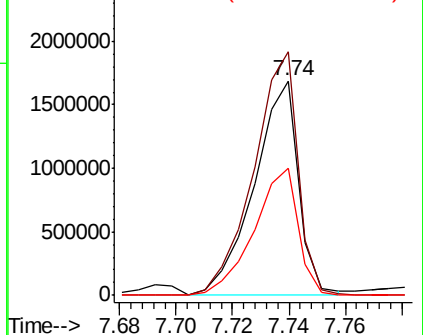
121 59.6 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 79.718 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

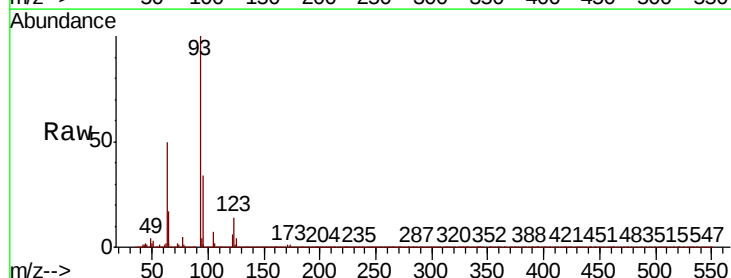
Tgt Ion: 93 Resp: 2692272

Ion Ratio Lower Upper

93 100

95 33.9 26.2 39.4

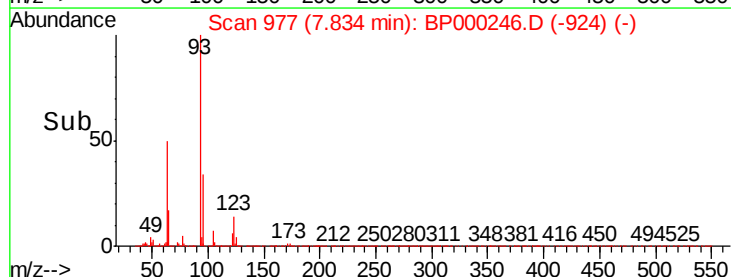
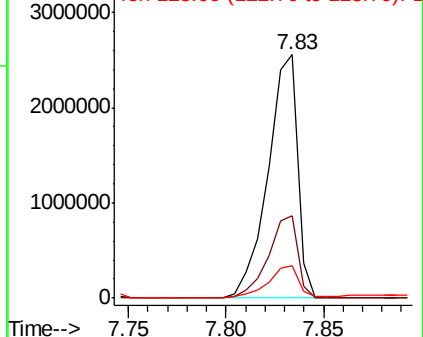
123 13.5 10.2 15.2

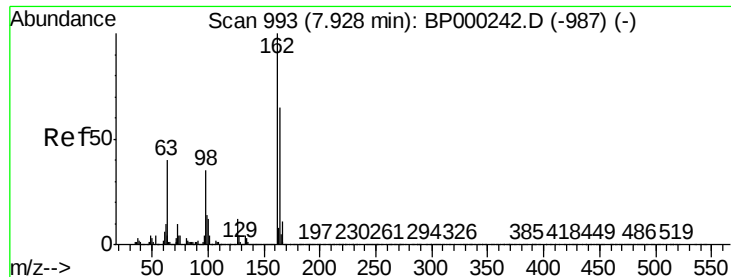


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 91.695 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

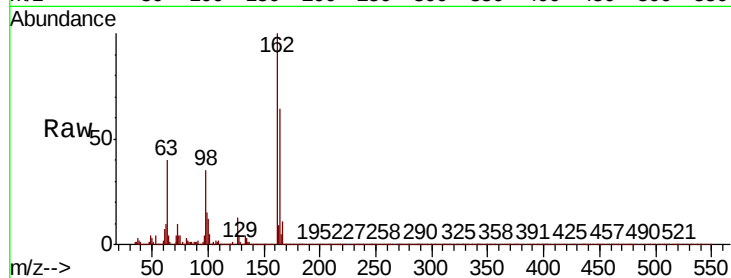
Tot Ion:162 Resp: 1973043

Ion Ratio Lower Upper

162 100

164 64.4 44.5 84.5

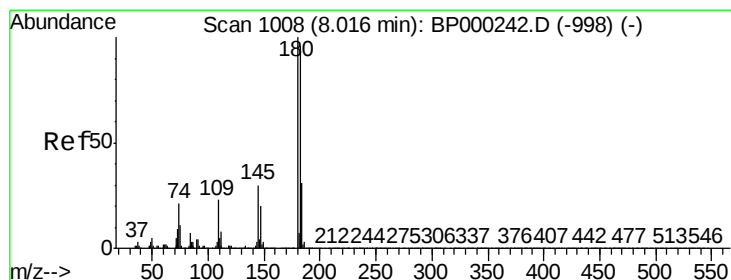
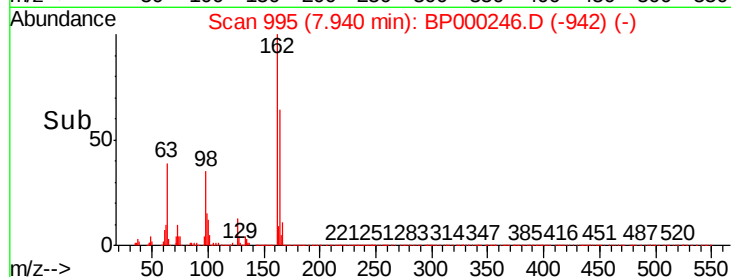
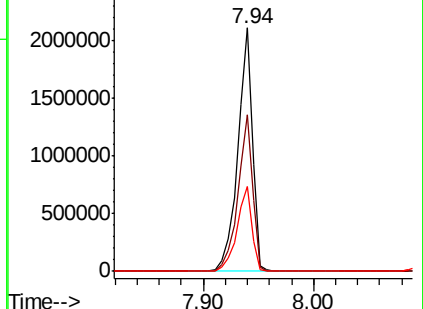
98 35.0 15.2 55.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 90.474 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

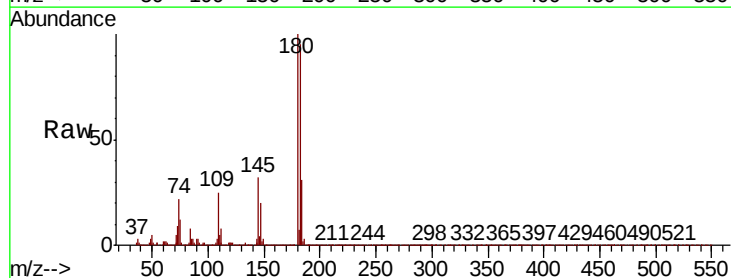
Tgt Ion:180 Resp: 2219369

Ion Ratio Lower Upper

180 100

182 95.2 77.2 115.8

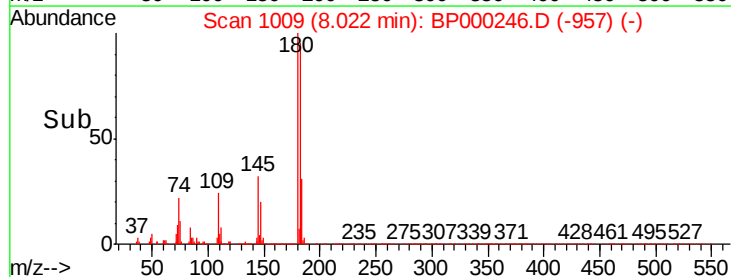
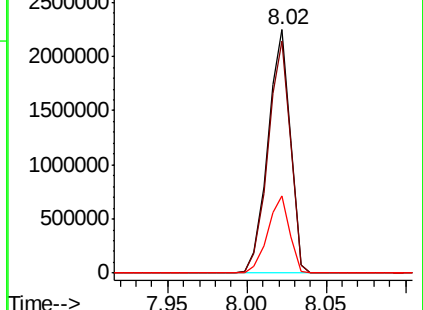
145 31.8 24.3 36.5

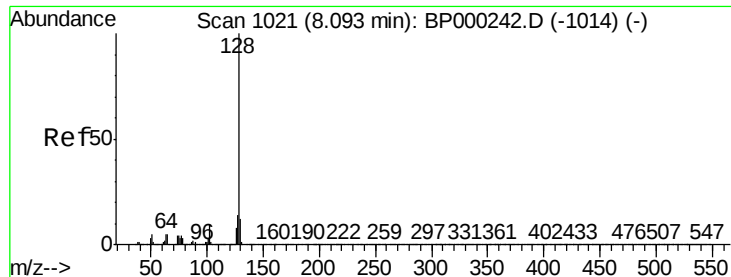


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

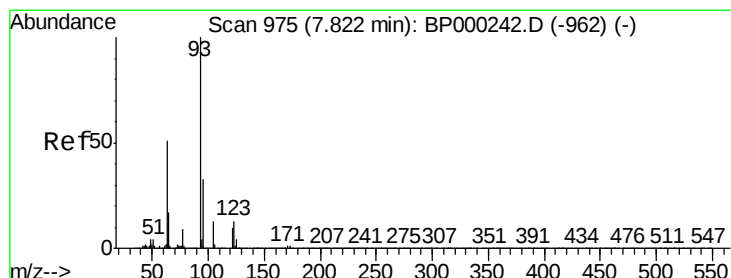
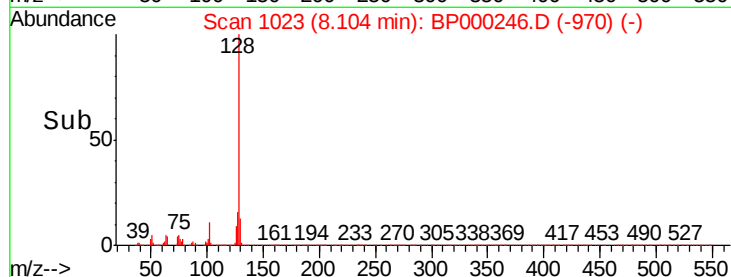
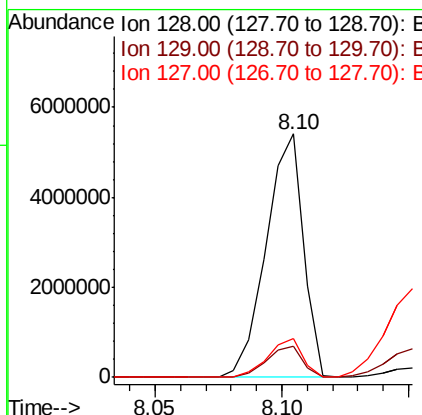
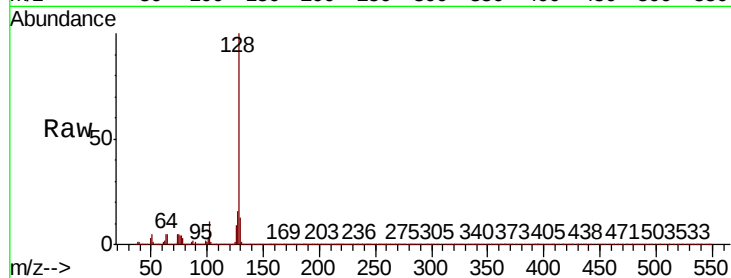




#31
Naphthalene
Concen: 80.456 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

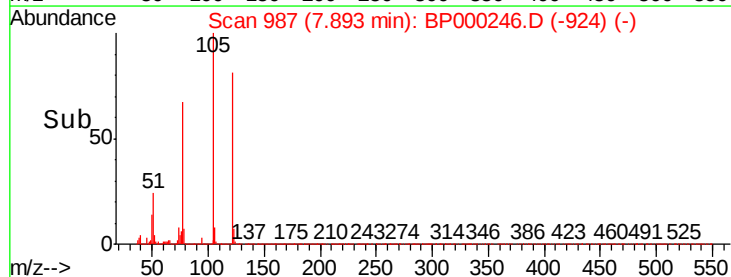
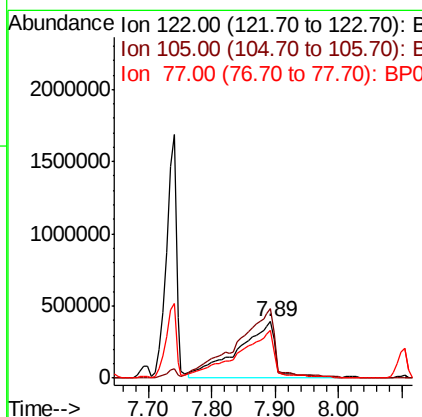
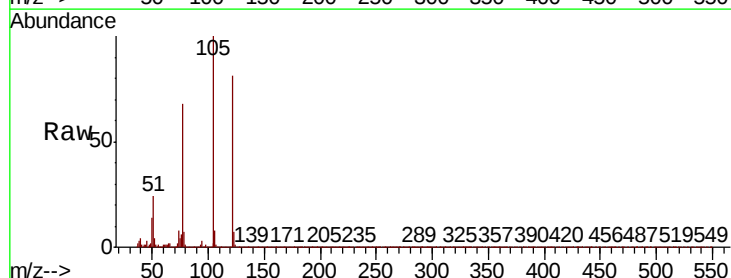
Instrument :
BNA_P
ClientSampleId :

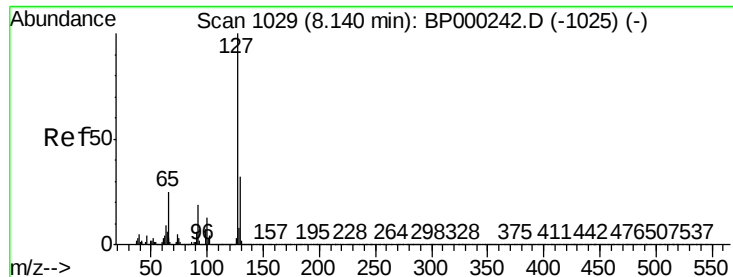
Tot Ion:128 Resp: 5567559
Ion Ratio Lower Upper
128 100
129 12.8 9.2 13.8
127 15.9 11.0 16.6



#32
Benzoic acid
Concen: 125.899 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.07 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:122 Resp: 1617535
Ion Ratio Lower Upper
122 100
105 124.0 105.4 145.4
77 83.8 65.3 105.3

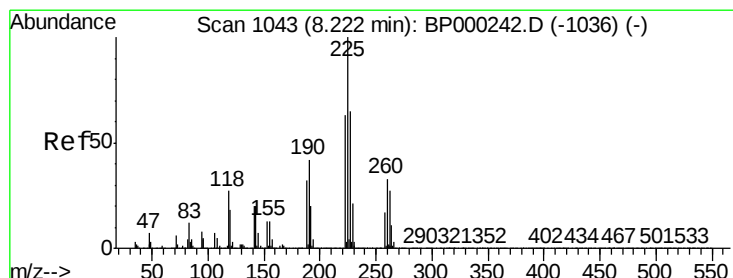
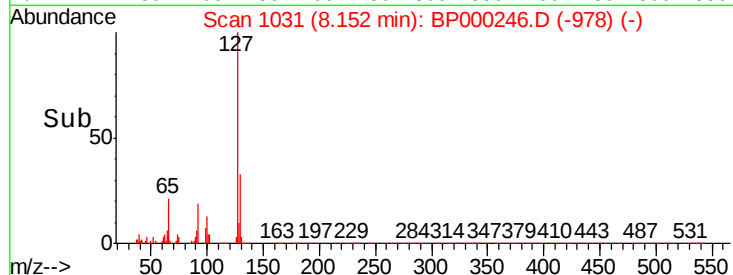
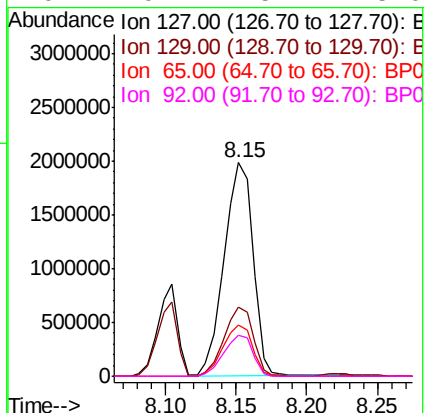
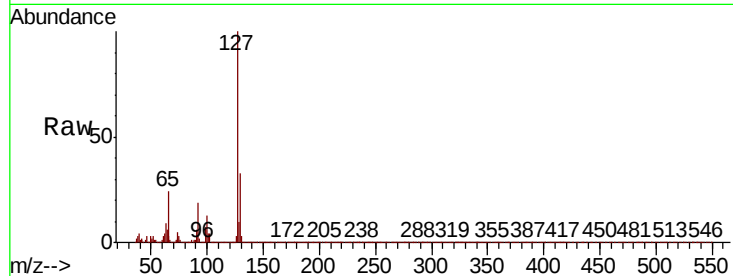




#33
4-Chloroaniline
Concen: 86.968 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

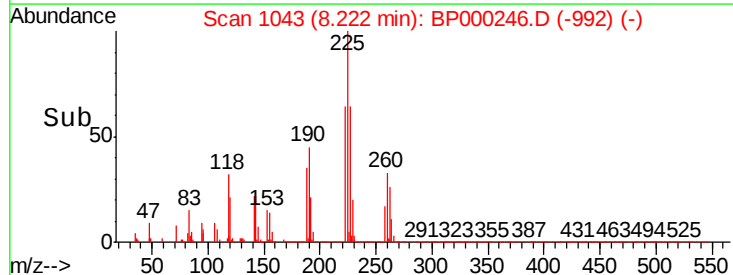
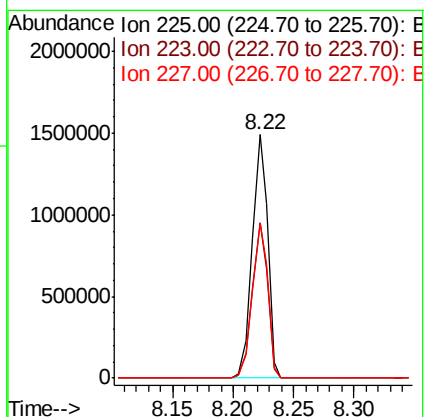
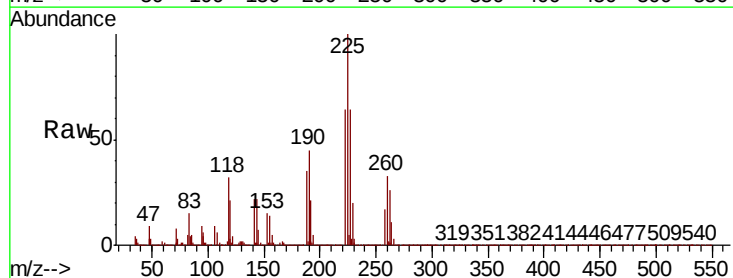
Instrument :
BNA_P
ClientSampleId :

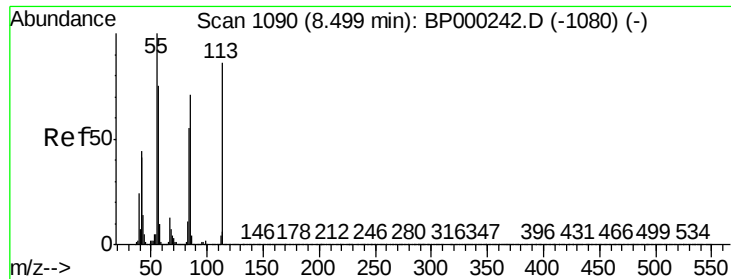
Tot Ion:127	Resp: 2838388
Ion Ratio	Lower Upper
127 100	
129 32.6	25.7 38.5
65 24.0	19.9 29.9
92 19.2	15.4 23.0



#34
Hexachlorobutadiene
Concen: 96.246 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion	225	Resp: 1330321	
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.2	75.2
227	64.0	51.8	77.6

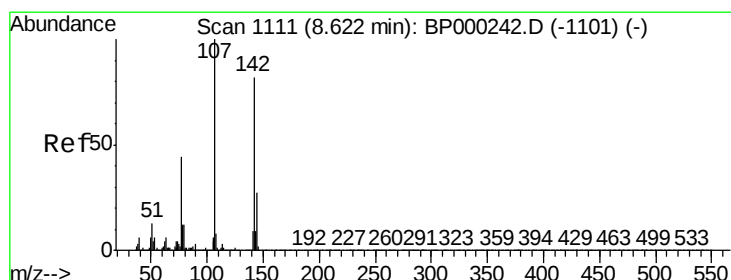
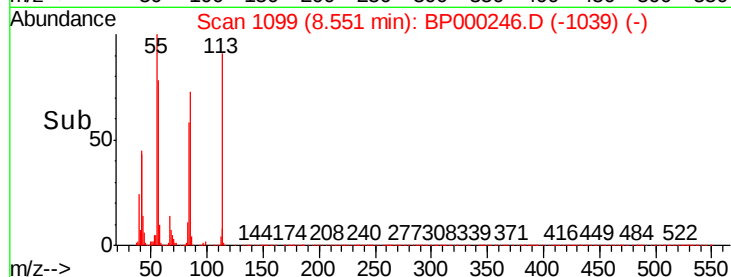
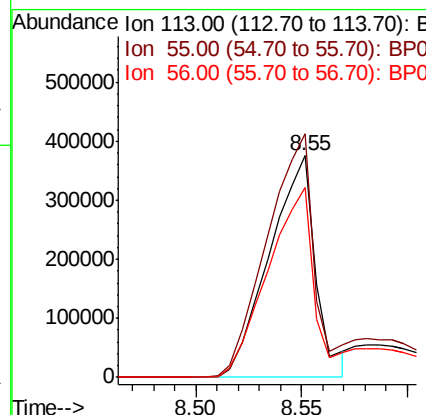
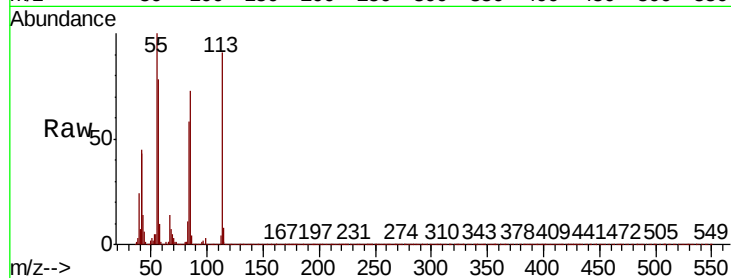




#35
Caprolactam
Concen: 74.605 ng
RT: 8.55 min Scan# 1099
Delta R.T. 0.05 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

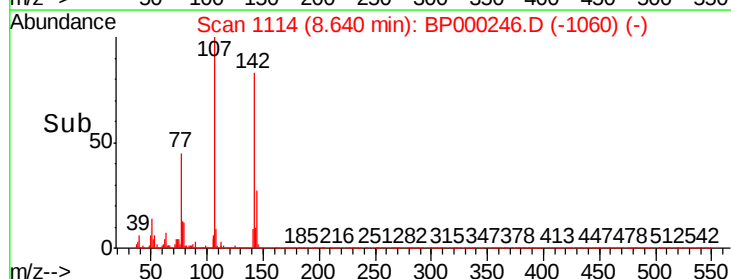
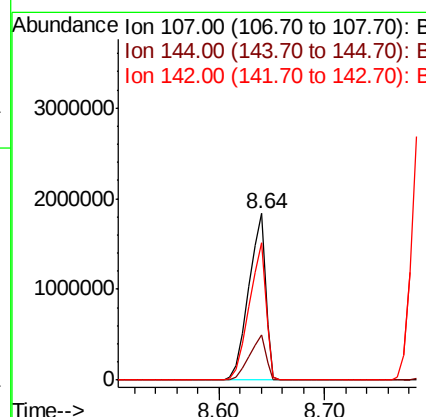
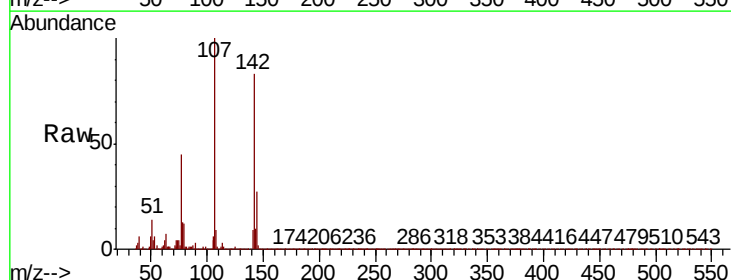
Instrument :
BNA_P
ClientSampleId :

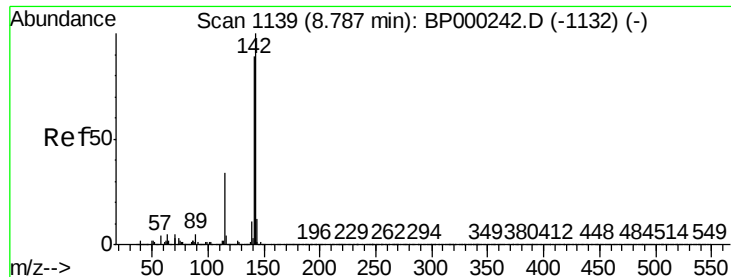
Tot Ion:113 Resp: 570897
Ion Ratio Lower Upper
113 100
55 109.9 96.8 136.8
56 85.4 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 86.553 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:107 Resp: 2032060
Ion Ratio Lower Upper
107 100
144 27.1 21.5 32.3
142 82.5 65.7 98.5

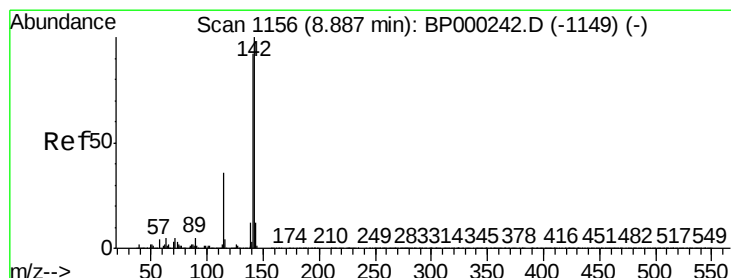
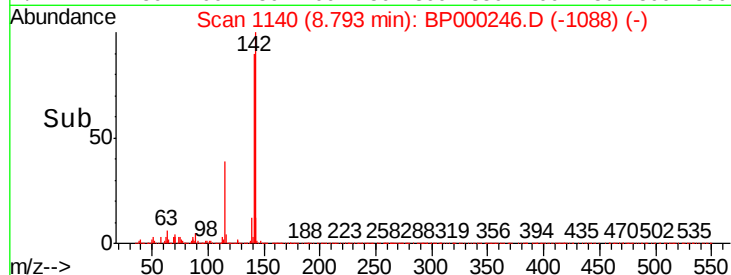
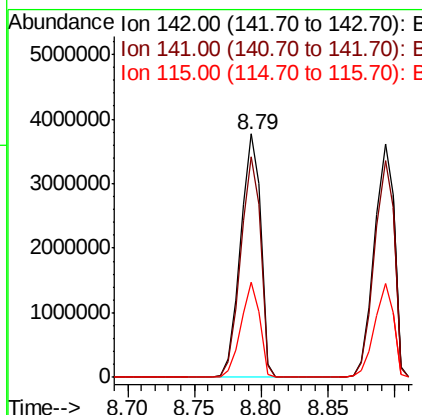
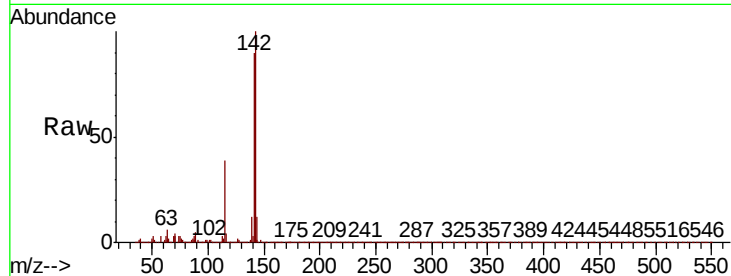




#37
2-Methylnaphthalene
Concen: 81.529 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

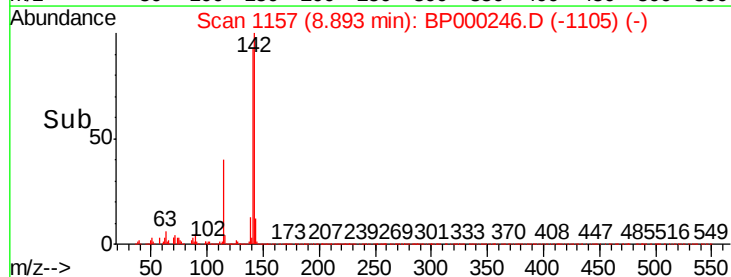
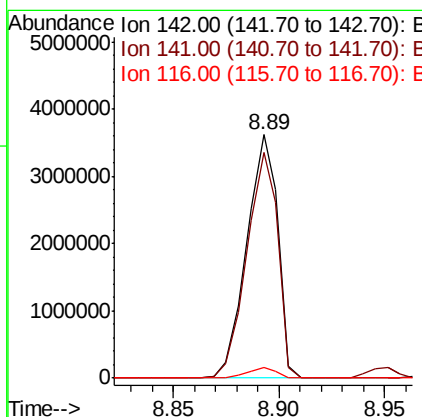
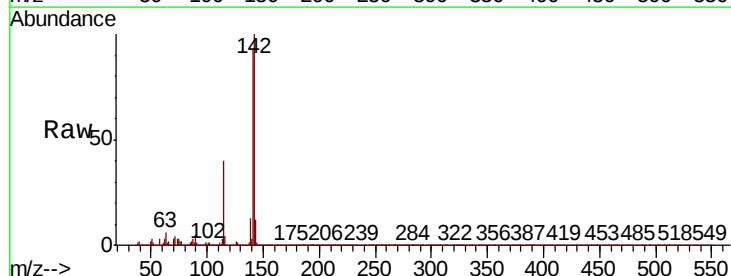
Instrument :
BNA_P
ClientSampled :

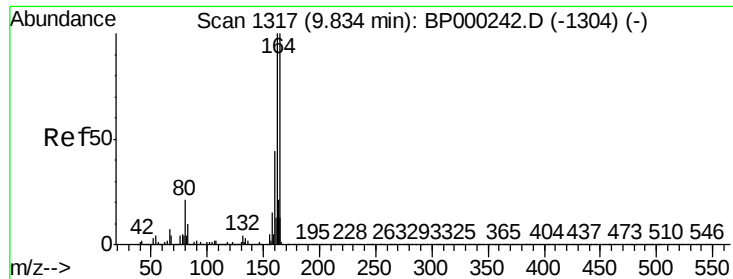
Tot Ion:142 Resp: 3942720
Ion Ratio Lower Upper
142 100
141 90.4 71.3 106.9
115 39.0 27.2 40.8



#38
1-Methylnaphthalene
Concen: 81.147 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:142 Resp: 3697480
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9
116 4.3 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampled :

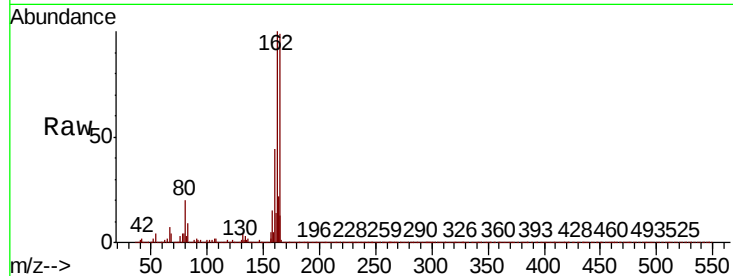
Tot Ion:164 Resp: 793959

Ion Ratio Lower Upper

164 100

162 100.6 79.9 119.9

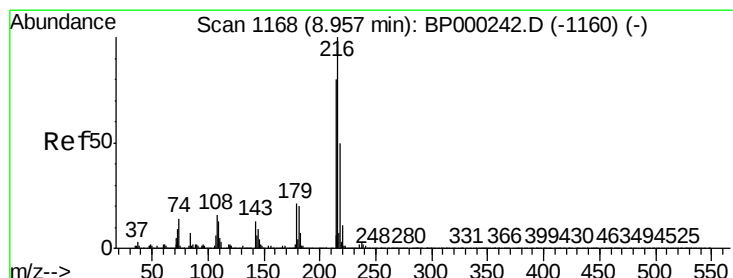
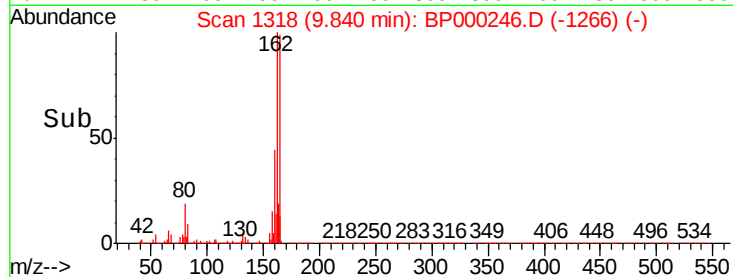
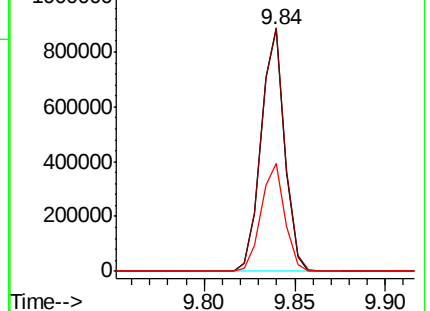
160 44.4 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 86.126 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Tgt Ion:216 Resp: 1935491

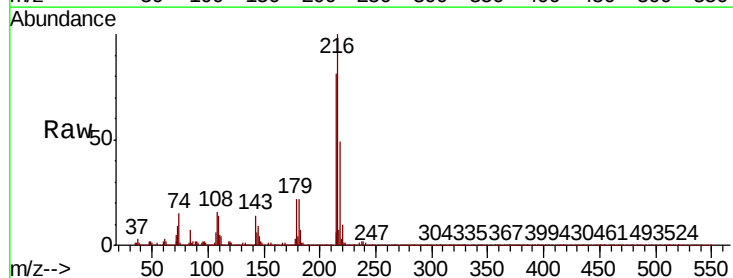
Ion Ratio Lower Upper

216 100

214 80.1 63.6 95.4

179 21.7 17.0 25.4

108 18.0 15.1 22.7

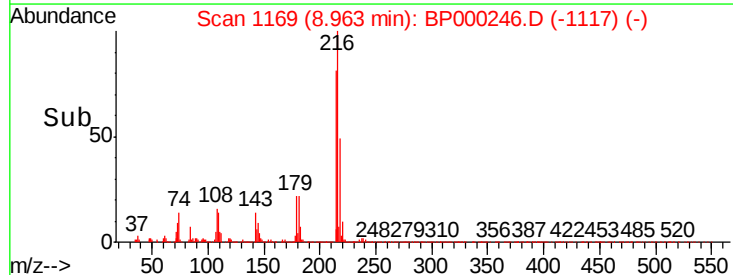
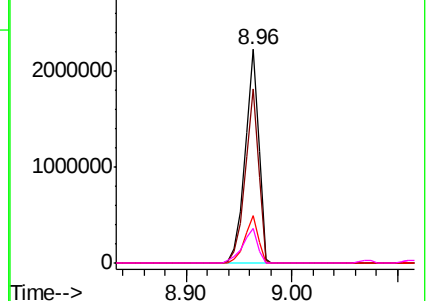


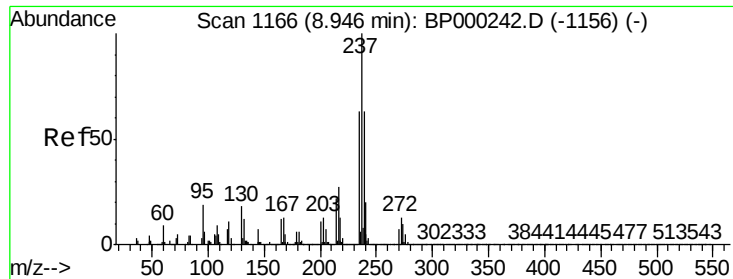
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

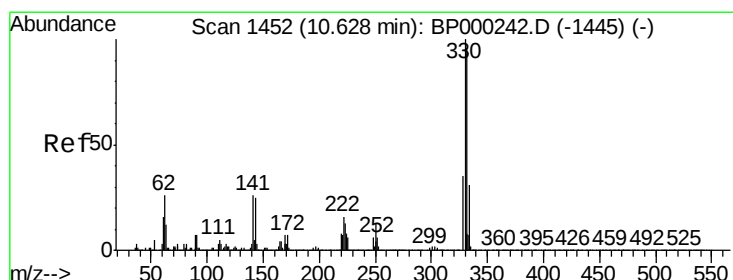
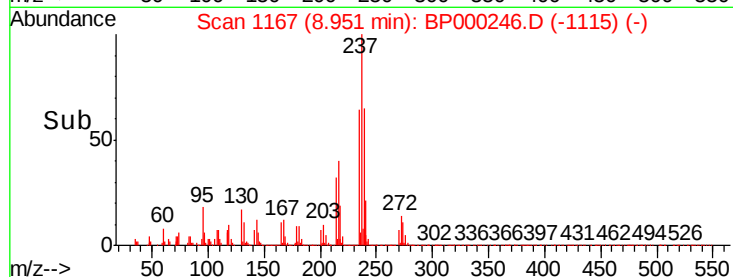
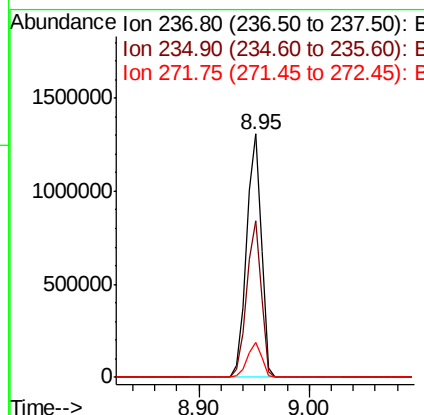
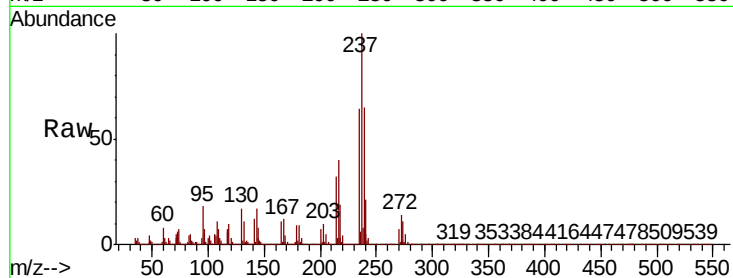




#41
Hexachlorocyclopentadiene
Concen: 99.270 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

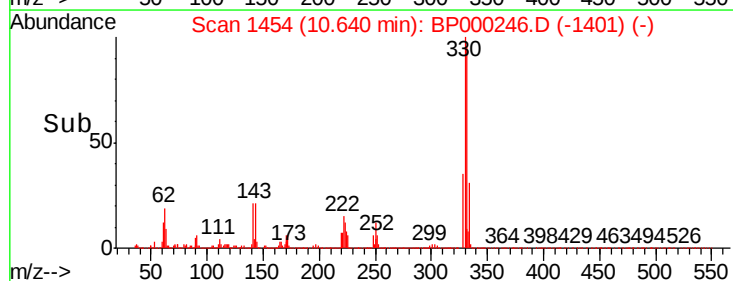
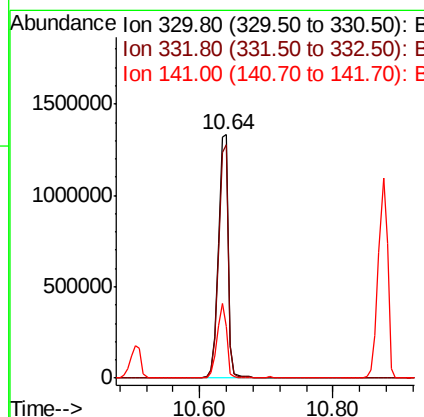
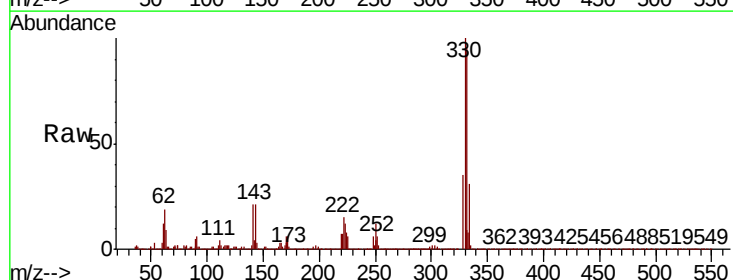
Instrument :
BNA_P
ClientSampleId :

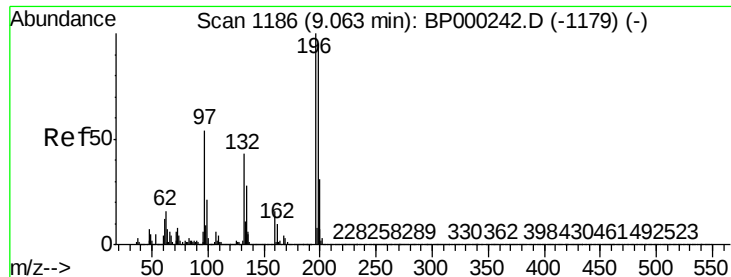
Tot Ion:237 Resp: 1228357
Ion Ratio Lower Upper
237 100
235 64.2 43.5 83.5
272 14.2 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 208.307 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:330 Resp: 1394049
Ion Ratio Lower Upper
330 100
332 95.1 76.6 115.0
141 29.7 26.5 39.7

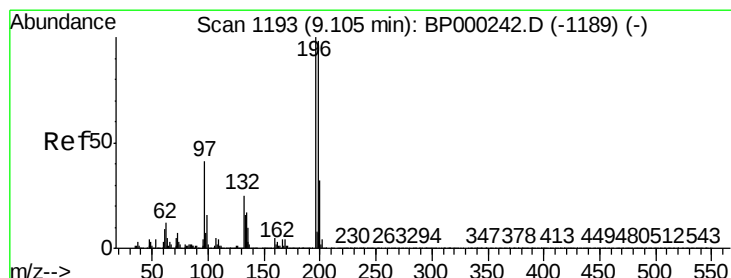
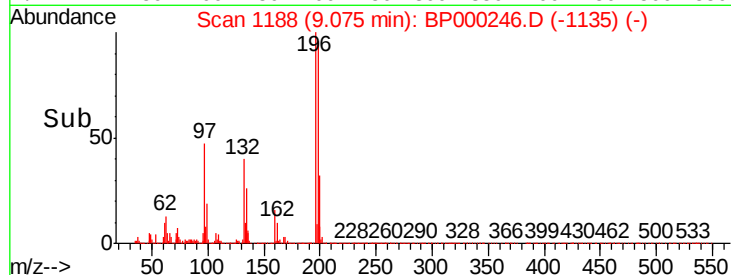
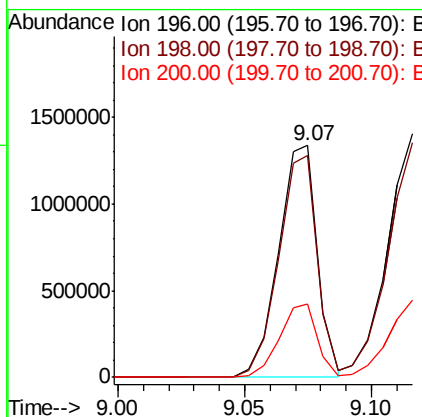
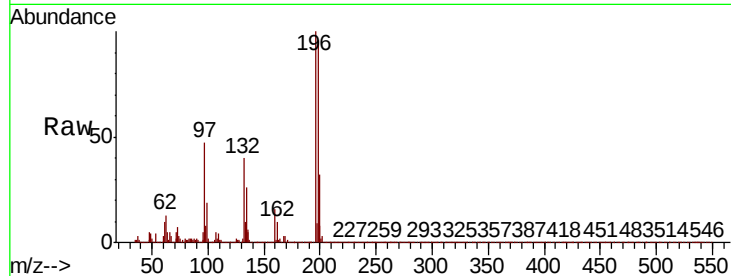




#43
 2,4,6-Trichlorophenol
 Concen: 91.996 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BP000246.D
 Acq: 16 Sep 2019 18:13

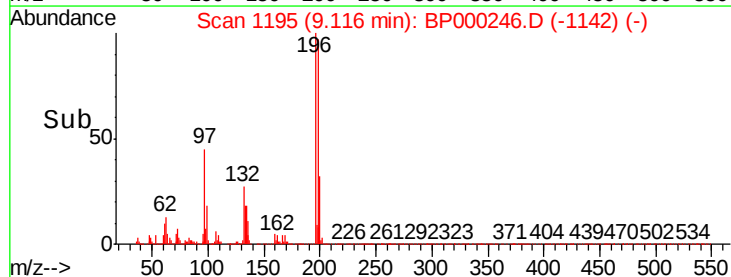
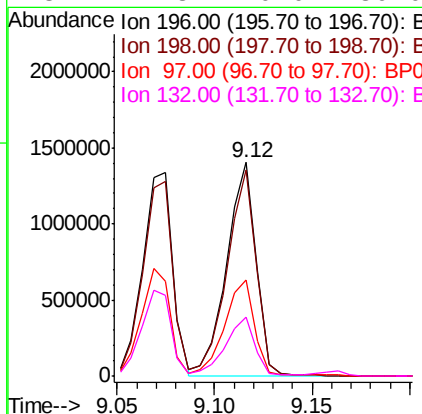
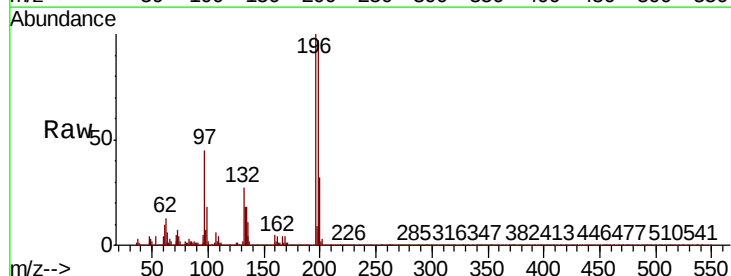
Instrument :
 BNA_P
 ClientSampleId :

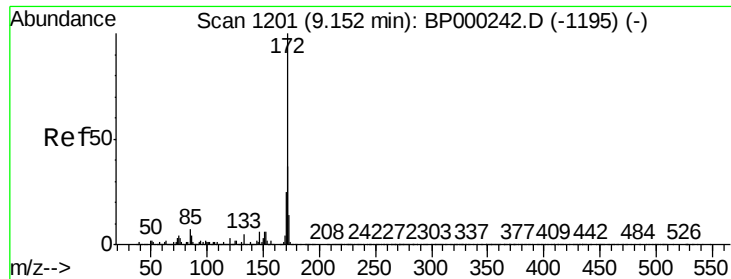
Tot Ion:196 Resp: 1425723
 Ion Ratio Lower Upper
 196 100
 198 96.0 76.0 114.0
 200 31.8 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 90.516 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BP000246.D
 Acq: 16 Sep 2019 18:13

Tgt Ion:196 Resp: 1467723
 Ion Ratio Lower Upper
 196 100
 198 96.5 78.1 117.1
 97 44.8 33.3 49.9
 132 27.3 20.0 30.0

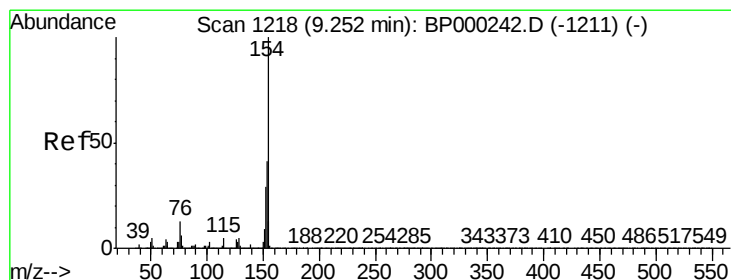
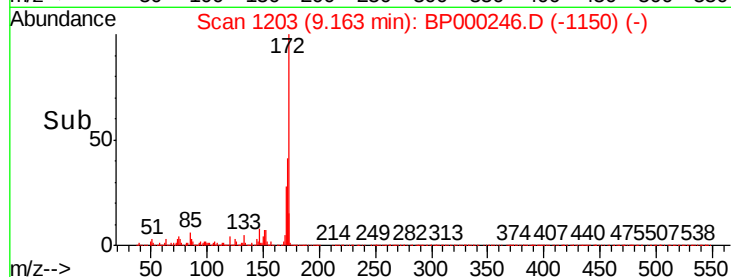
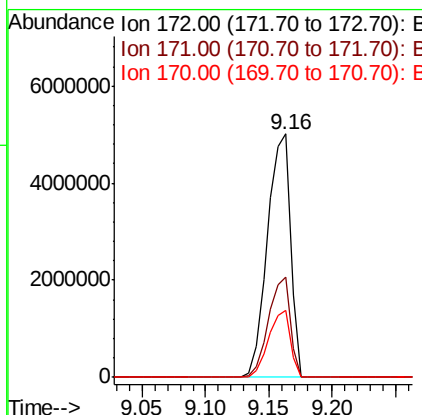
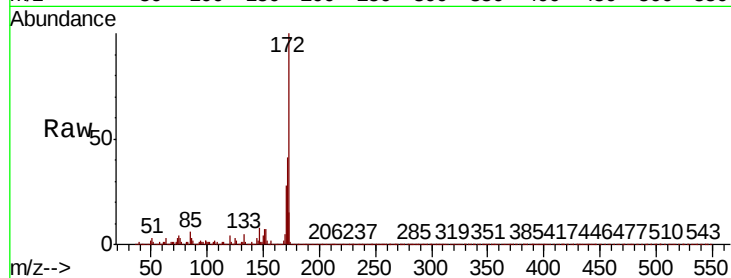




#45
2-Fluorobiphenyl
Concen: 133.200 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

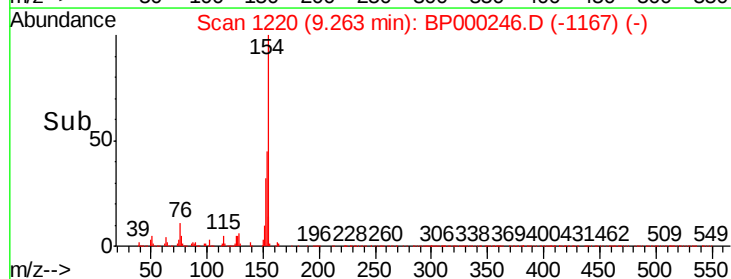
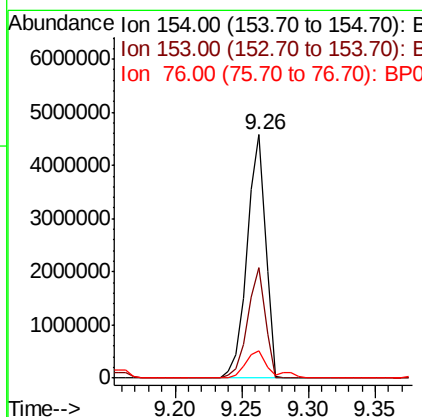
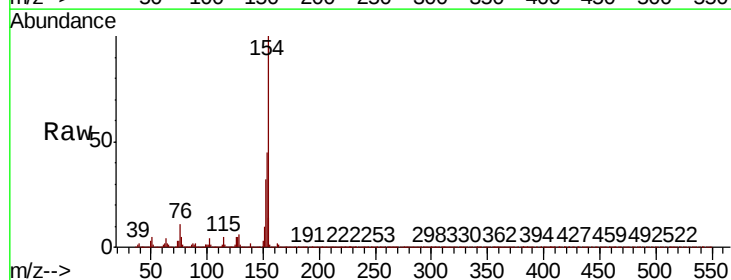
Instrument :
BNA_P
ClientSampleId :

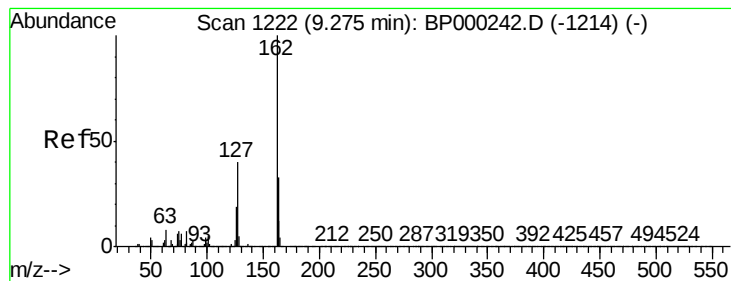
Tot Ion:172 Resp: 6332673
Ion Ratio Lower Upper
172 100
171 41.0 29.8 44.6
170 27.6 19.8 29.6



#46
1,1'-Biphenyl
Concen: 77.183 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:154 Resp: 4326152
Ion Ratio Lower Upper
154 100
153 45.2 21.4 61.4
76 11.1 0.0 33.4





#47

2-Chloronaphthalene

Concen: 82.661 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

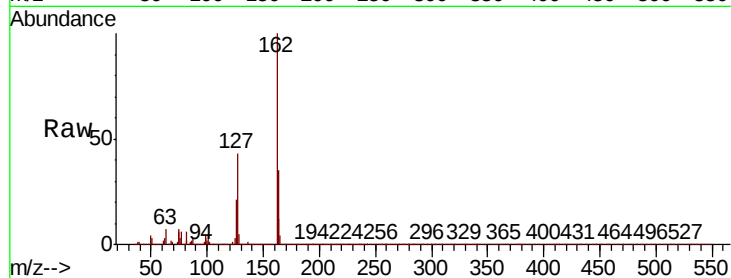
Tot Ion:162 Resp: 3846042

Ion Ratio Lower Upper

162 100

127 43.0 32.4 48.6

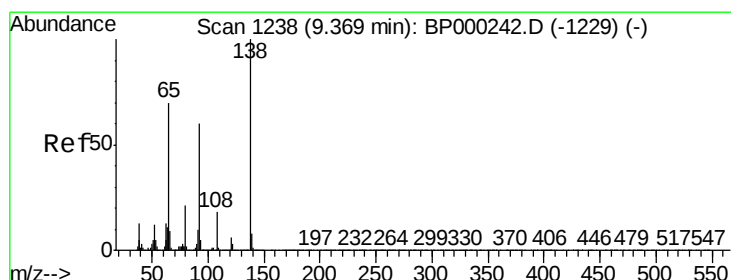
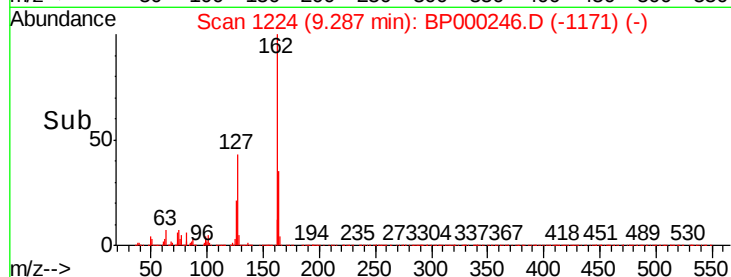
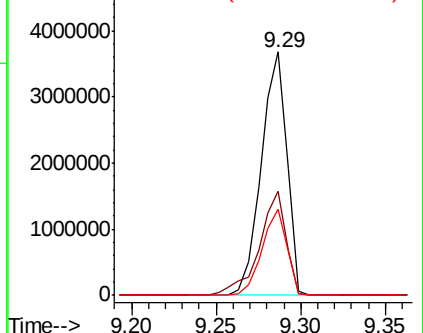
164 35.3 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 85.218 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

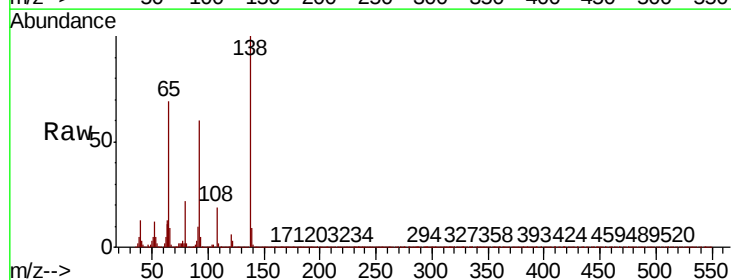
Tgt Ion: 65 Resp: 1070972

Ion Ratio Lower Upper

65 100

92 86.9 68.7 103.1

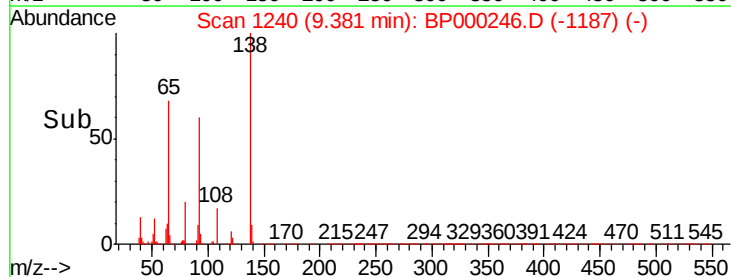
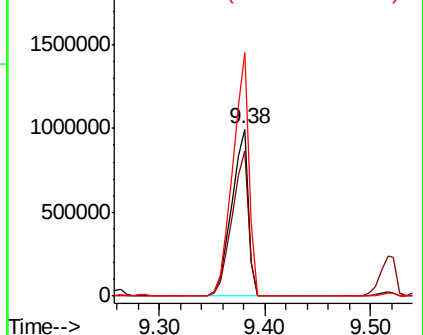
138 145.5 114.4 171.6

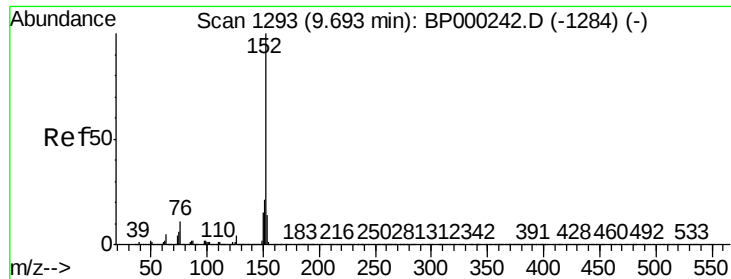


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 80.098 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

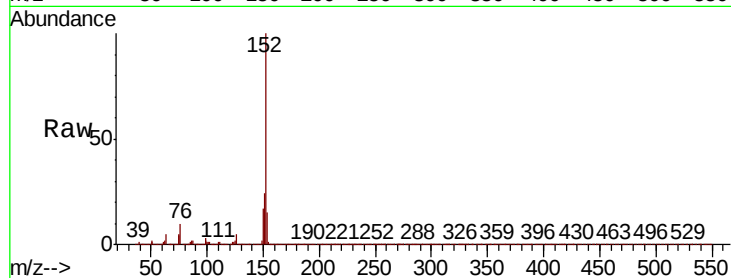
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 5529822

Ion	Ratio	Lower	Upper
152	100		
151	23.6	16.4	24.6
153	15.2	11.0	16.4

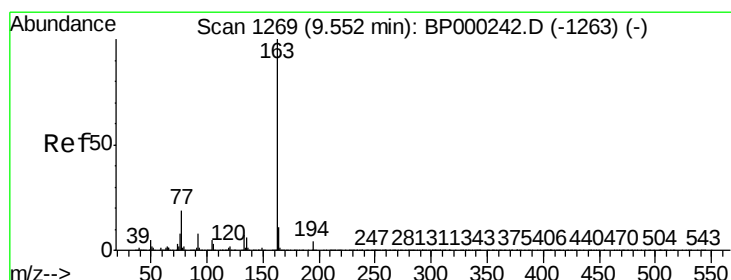
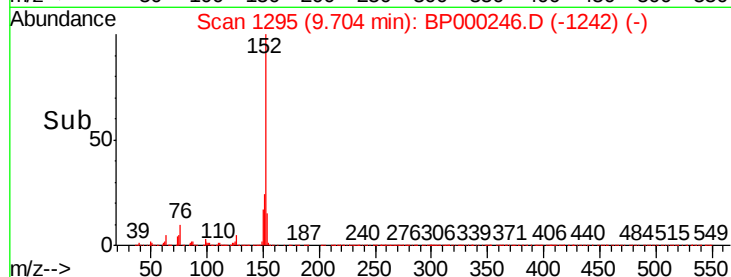
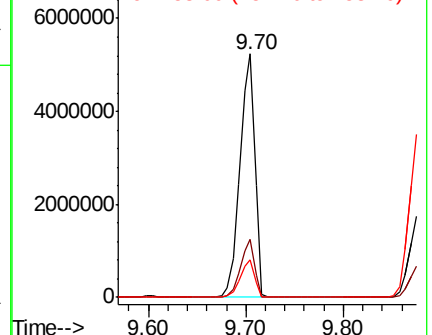


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 89.317 ng

RT: 9.57 min Scan# 1273

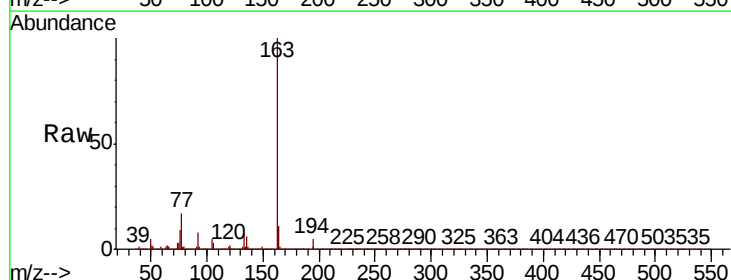
Delta R.T. 0.02 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Tgt Ion:163 Resp: 4832395

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.0
164	10.6	8.5	12.7

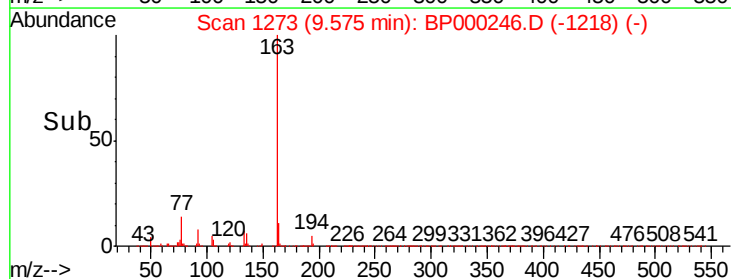
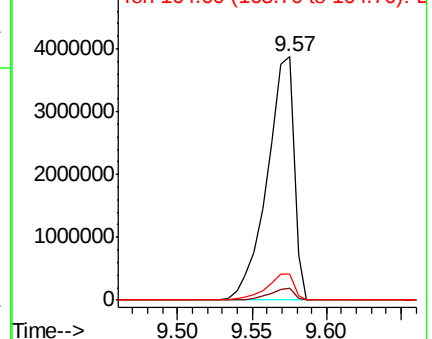


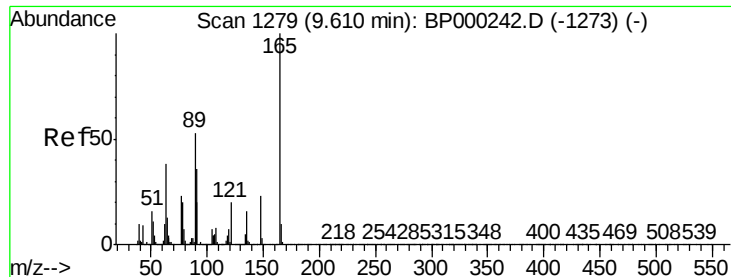
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 95.981 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.02 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

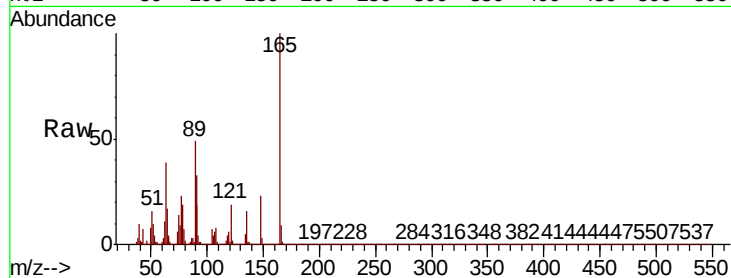
Tot Ion:165 Resp: 1102246

Ion Ratio Lower Upper

165 100

63 39.0 35.8 53.8

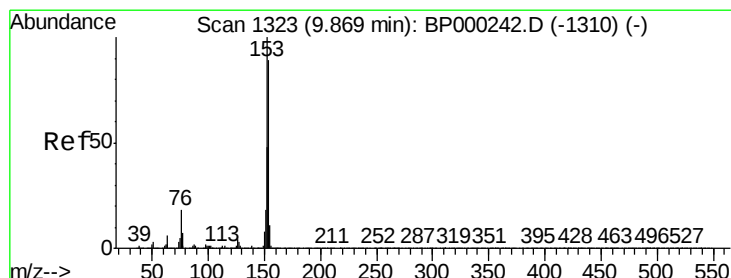
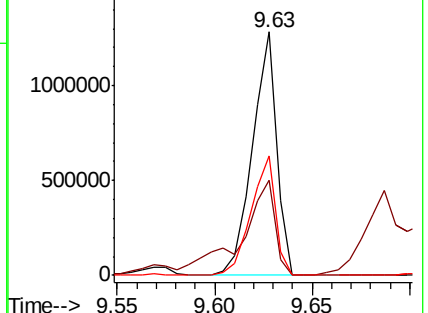
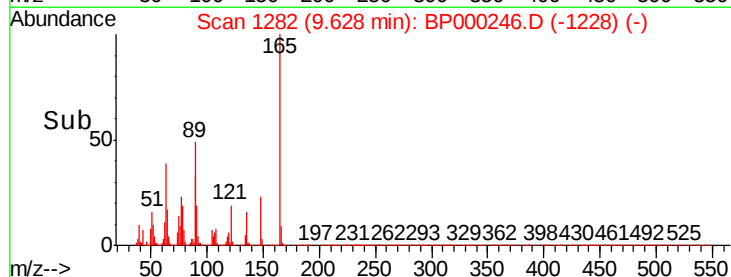
89 48.8 42.6 63.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 79.590 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

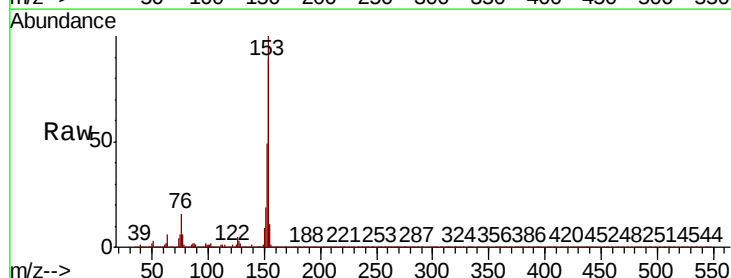
Tgt Ion:154 Resp: 3447898

Ion Ratio Lower Upper

154 100

153 112.4 89.8 134.6

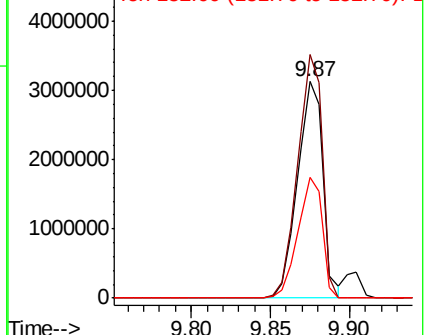
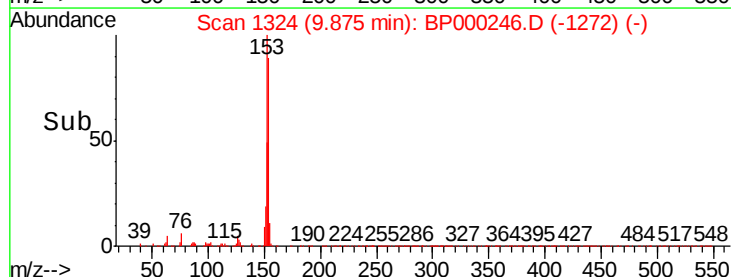
152 55.5 43.4 65.0

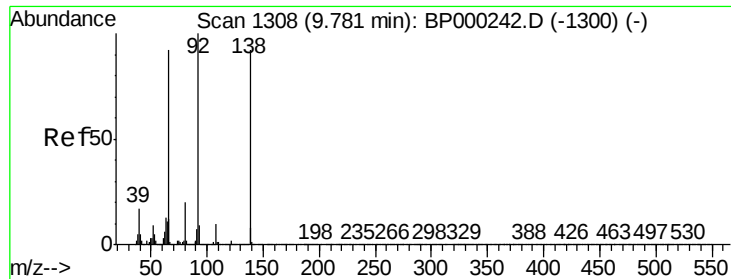


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

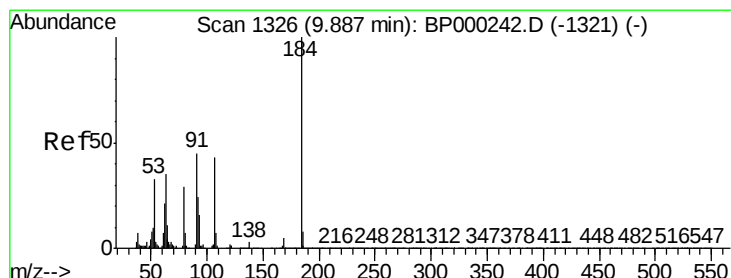
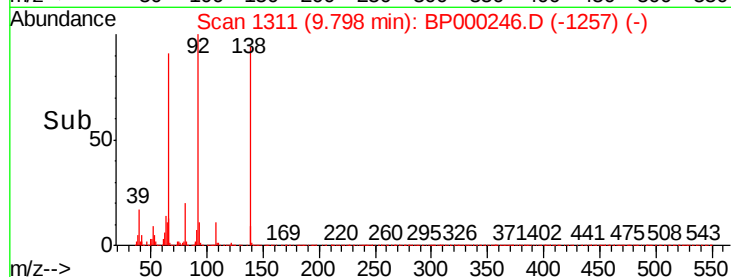
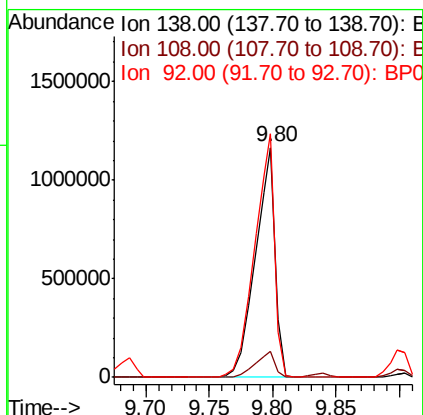
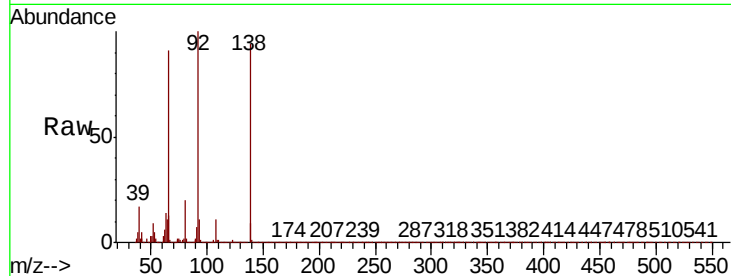




#53
3-Nitroaniline
Concen: 92.512 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.02 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

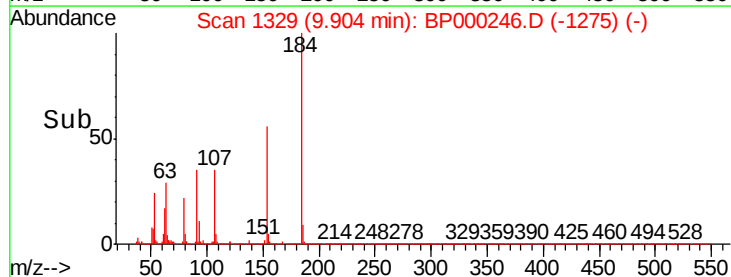
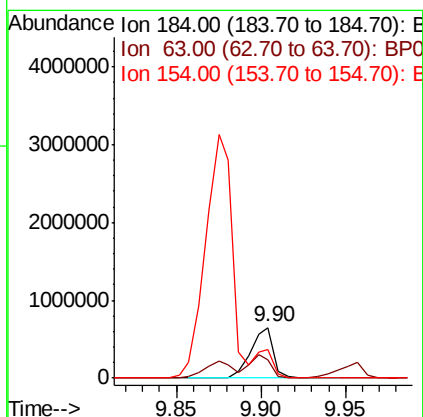
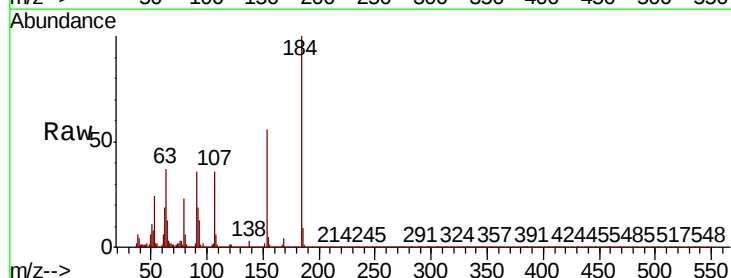
Instrument :
BNA_P
ClientSampleId :

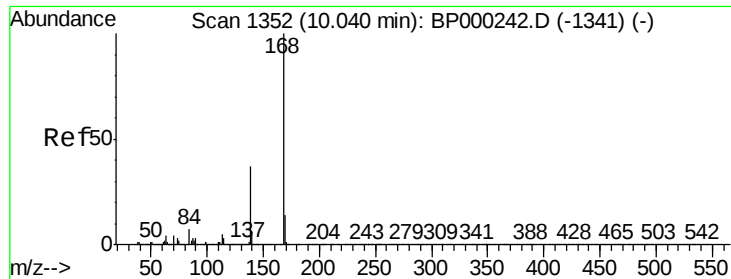
Tot Ion:138 Resp: 1269188
Ion Ratio Lower Upper
138 100
108 11.2 9.1 13.7
92 105.9 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 165.560 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.02 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:184 Resp: 600364
Ion Ratio Lower Upper
184 100
63 37.3 39.5 59.3#
154 56.4 48.8 73.2





#55

Dibenzofuran

Concen: 79.398 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

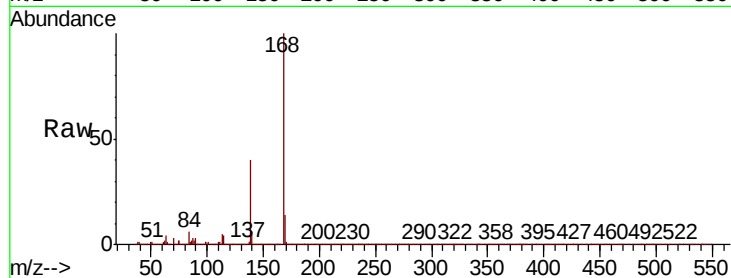
Tot Ion:168 Resp: 4884238

Ion Ratio Lower Upper

168 100

139 40.4 30.0 45.0

169 14.4 11.0 16.6

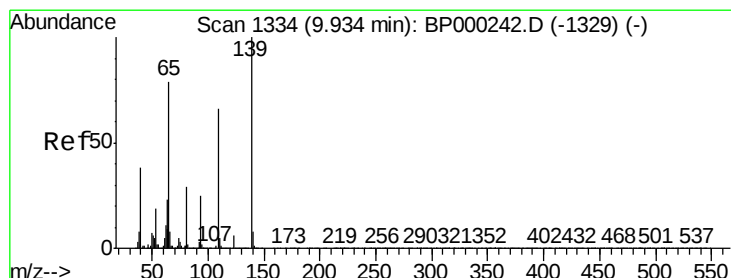
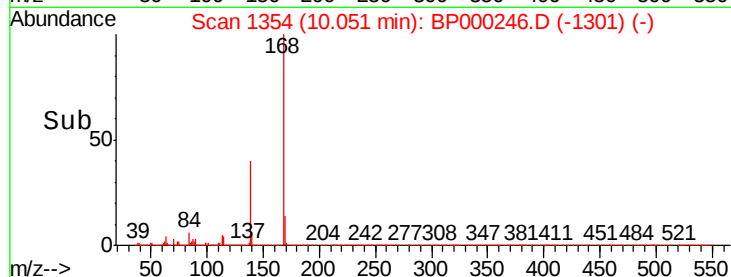
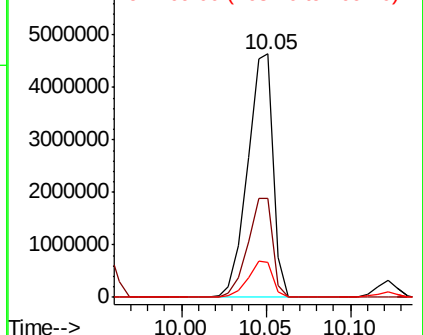


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 97.511 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.02 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

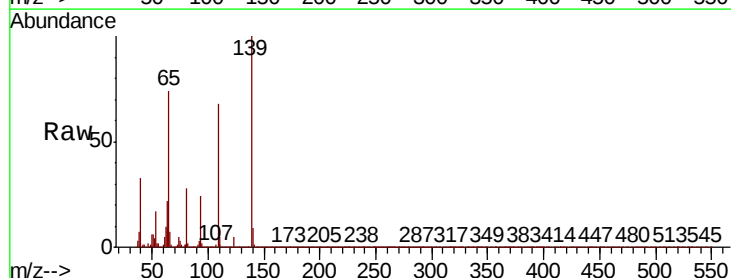
Tgt Ion:139 Resp: 956196

Ion Ratio Lower Upper

139 100

109 68.2 46.2 86.2

65 73.6 59.4 99.4

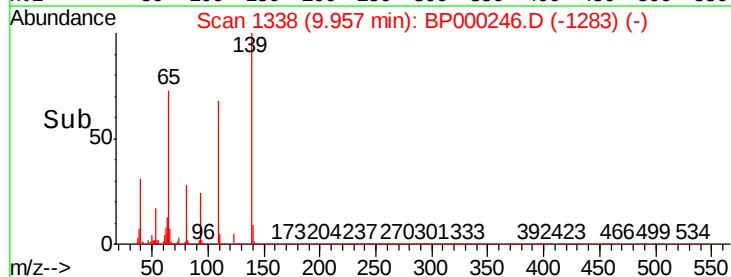
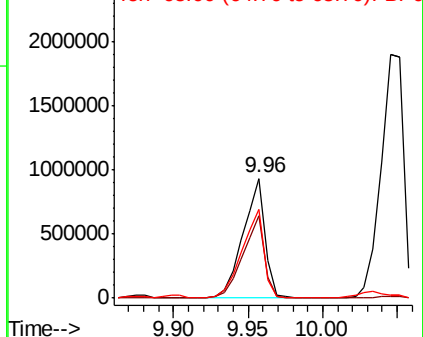


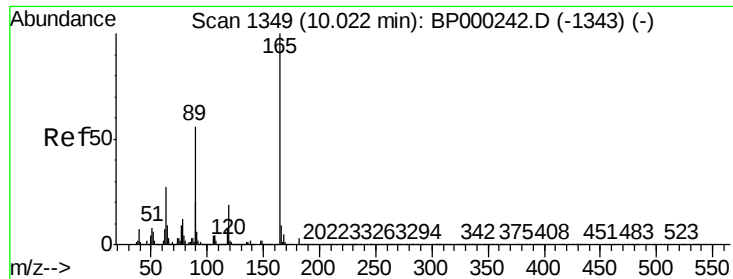
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

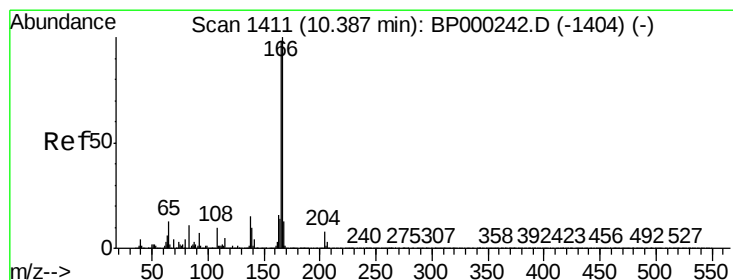
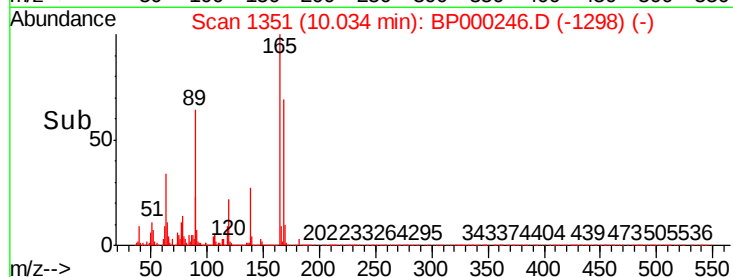
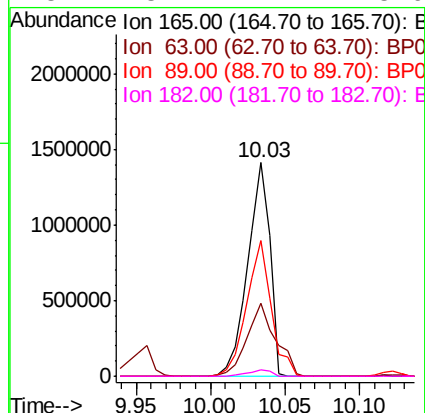
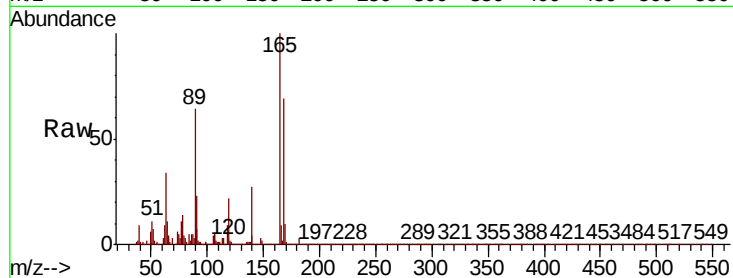




#57
2,4-Dinitrotoluene
Concen: 98.310 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

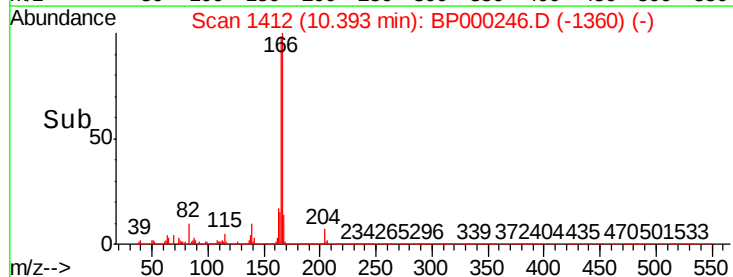
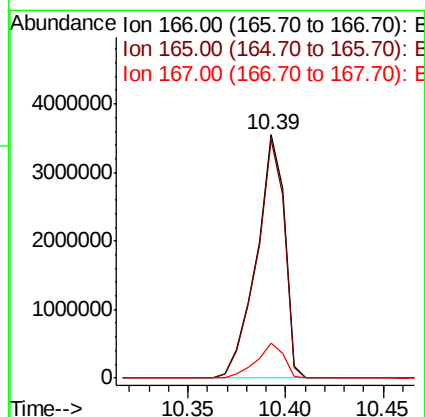
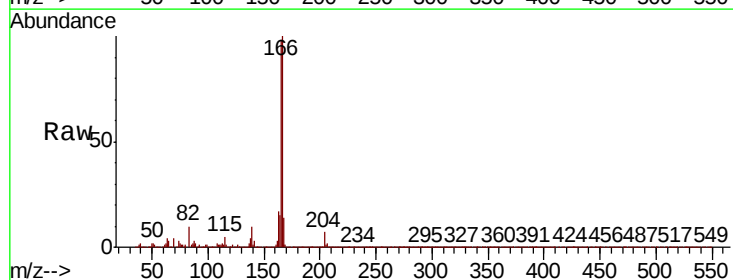
Instrument :
BNA_P
ClientSampleId :

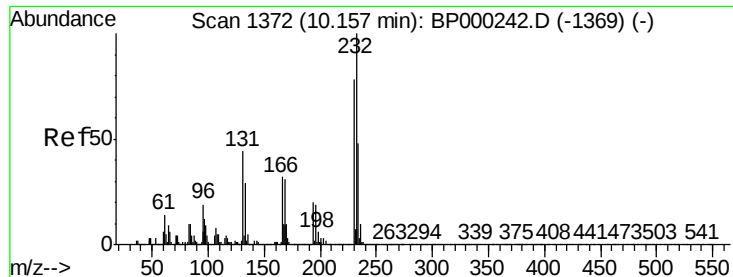
Tot Ion:165 Resp: 1441334
Ion Ratio Lower Upper
165 100
63 34.1 21.7 32.5#
89 63.7 45.0 67.6
182 3.1 2.4 3.6



#58
Fluorene
Concen: 76.716 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:166 Resp: 3551714
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 14.1 10.7 16.1

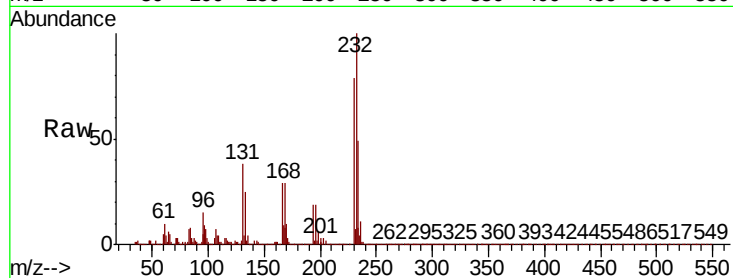




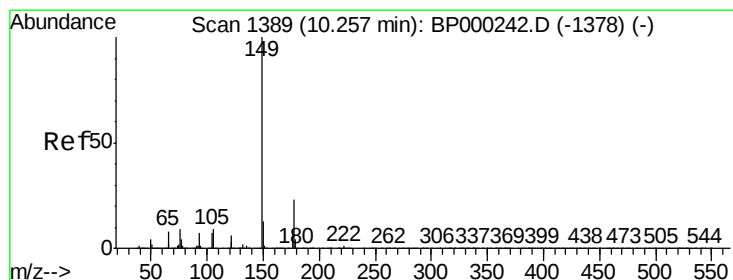
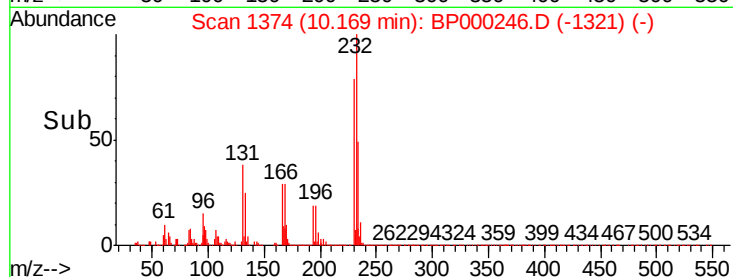
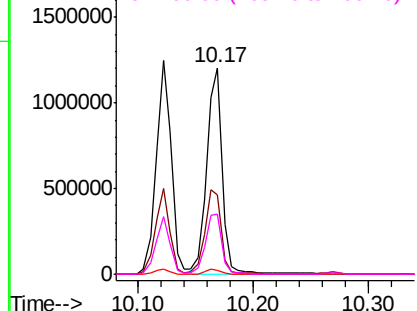
#59
2,3,4,6-Tetrachlorophenol
Concen: 91.540 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:232 Resp: 1123866
Ion Ratio Lower Upper
232 100
131 42.9 33.6 50.4
130 2.3 1.8 2.6
166 30.9 24.2 36.2

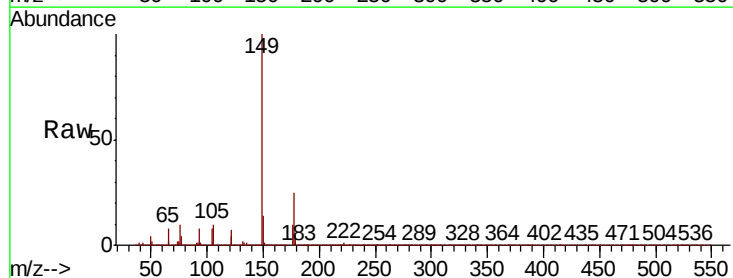


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

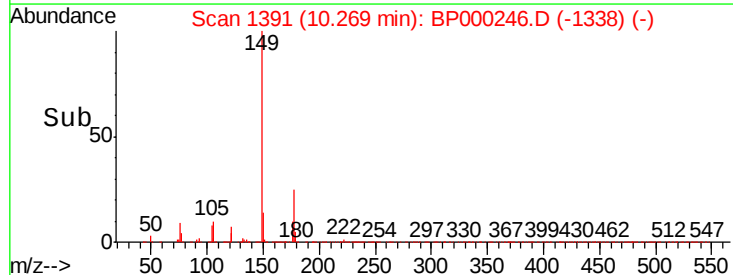
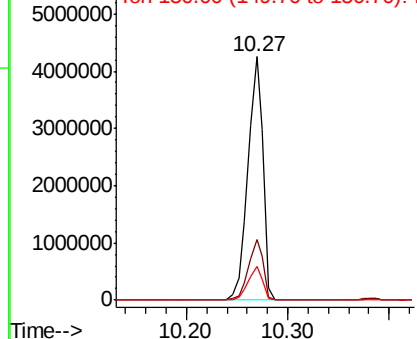


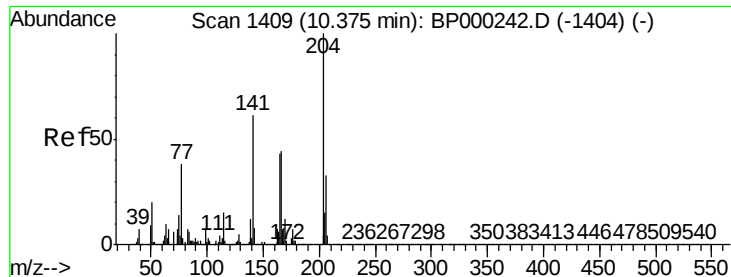
#60
Diethylphthalate
Concen: 80.648 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:149 Resp: 4367563
Ion Ratio Lower Upper
149 100
177 24.9 18.1 27.1
150 13.9 10.3 15.5



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

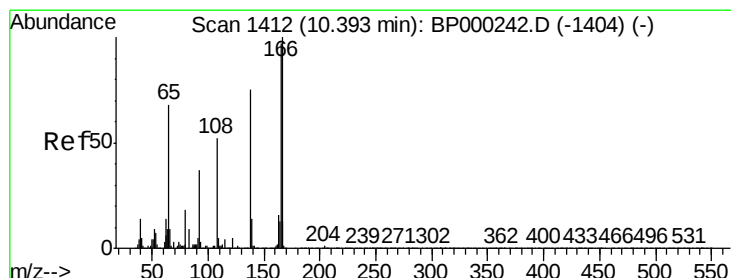
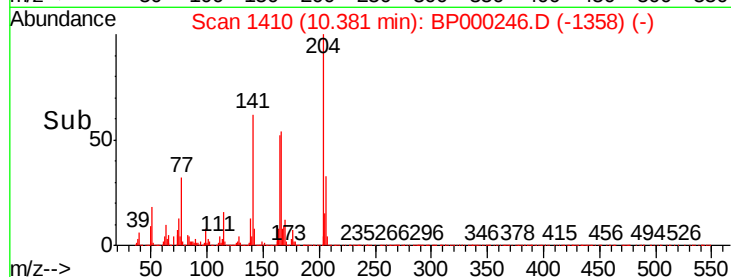
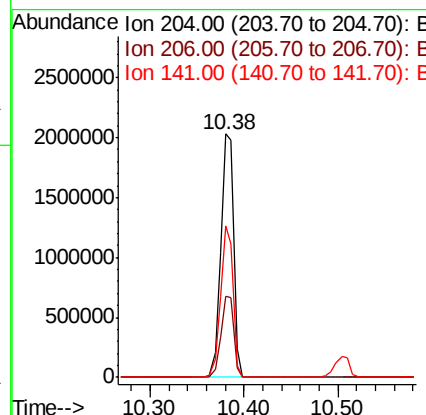
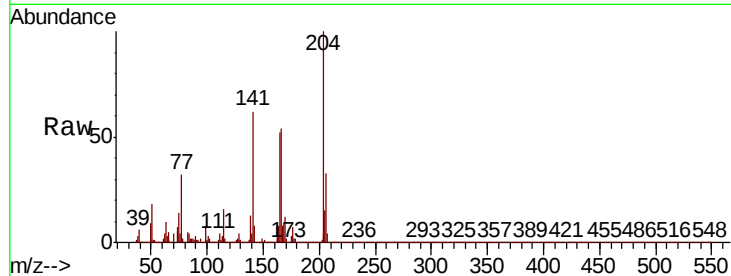




#61
4-Chlorophenyl-phenylether
Concen: 81.084 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

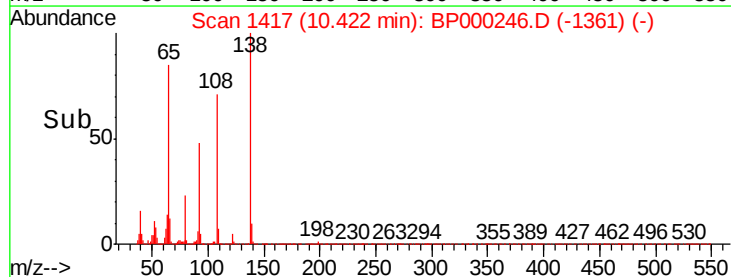
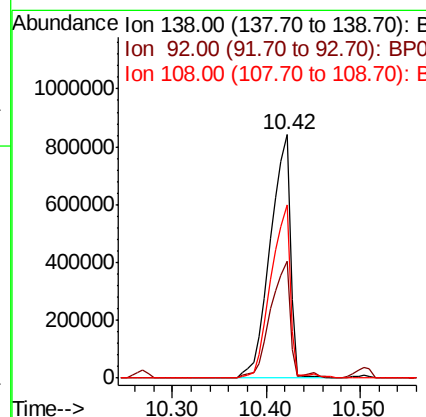
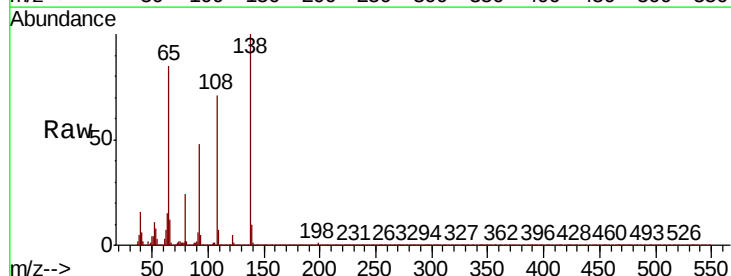
Instrument :
BNA_P
ClientSampled :

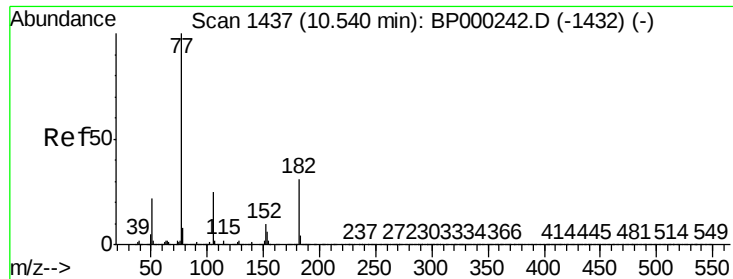
Tot Ion:204 Resp: 1951187
Ion Ratio Lower Upper
204 100
206 33.4 26.3 39.5
141 62.3 48.6 72.8



#62
4-Nitroaniline
Concen: 95.526 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.03 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:138 Resp: 1250038
Ion Ratio Lower Upper
138 100
92 47.9 30.1 70.1
108 71.2 49.5 89.5

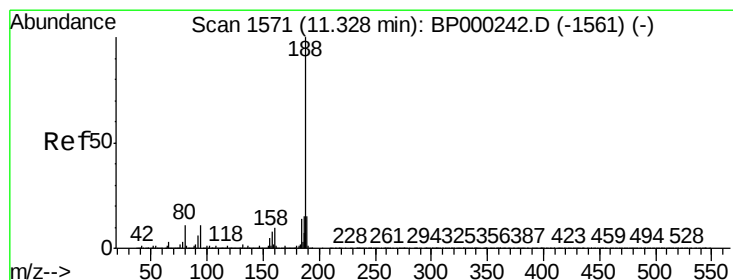
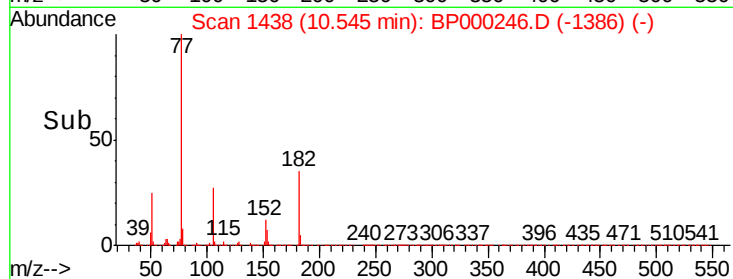
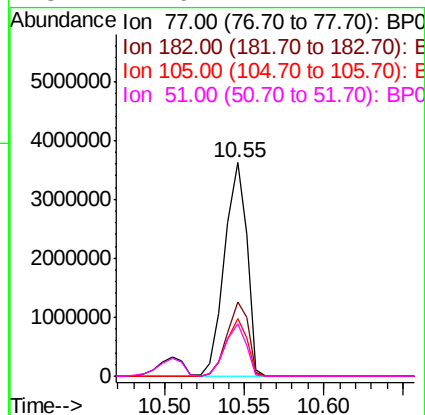
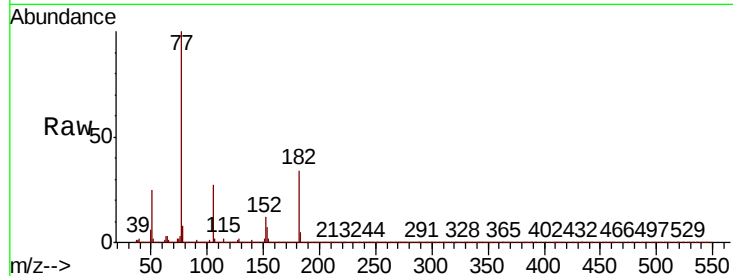




#63
Azobenzene
Concen: 68.466 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

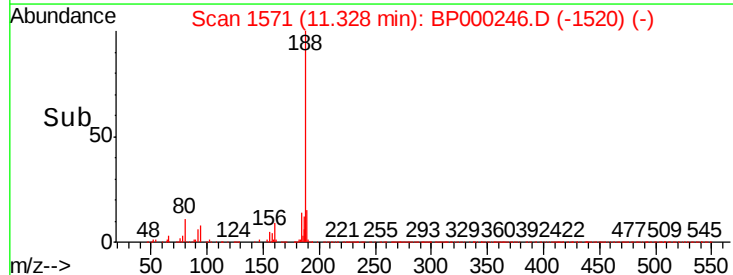
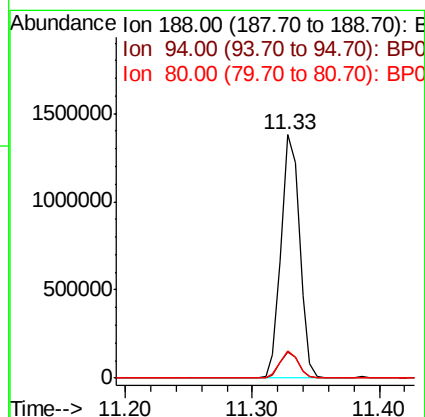
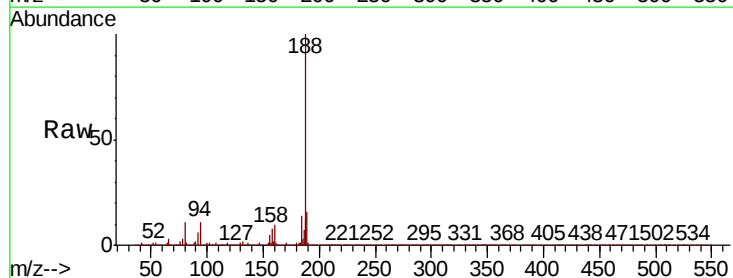
Instrument :
BNA_P
ClientSampleId :

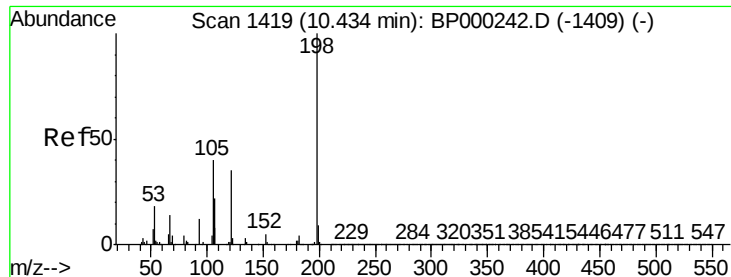
Tot Ion: 77 Resp: 3550674
Ion Ratio Lower Upper
77 100
182 34.5 11.1 51.1
105 26.9 4.7 44.7
51 24.9 2.2 42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:188 Resp: 1402795
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.2 8.6 13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 145.414 ng

RT: 10.45 min Scan# 1422

Delta R.T. 0.02 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

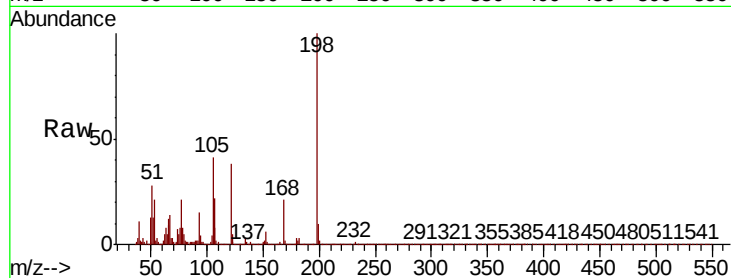
Tot Ion:198 Resp: 724189

Ion Ratio Lower Upper

198 100

51 28.1 7.4 47.4

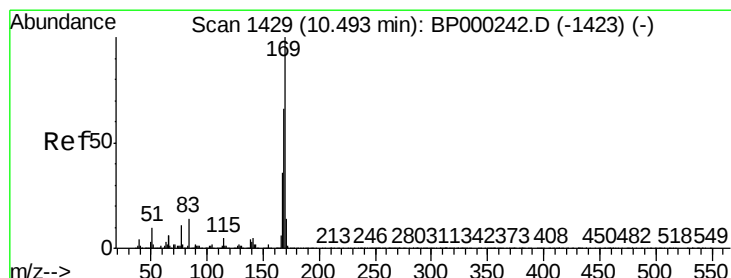
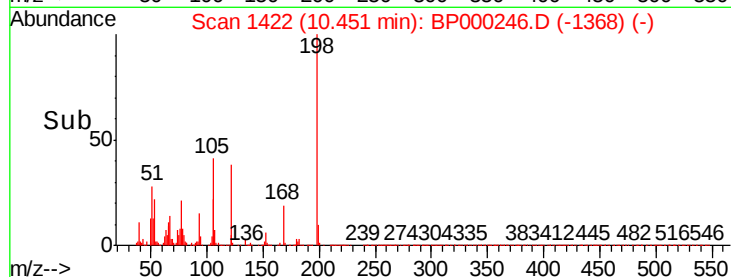
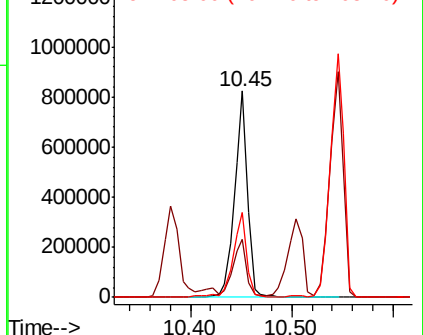
105 41.0 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 85.265 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

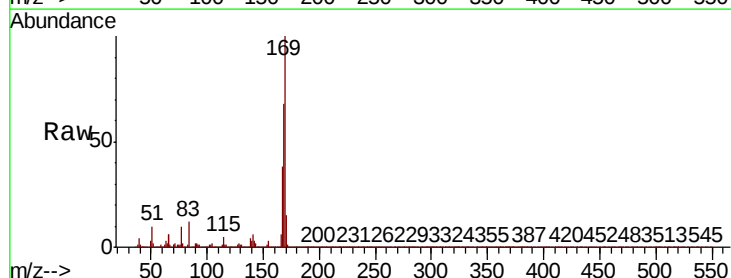
Tgt Ion:169 Resp: 3553539

Ion Ratio Lower Upper

169 100

168 68.0 52.9 79.3

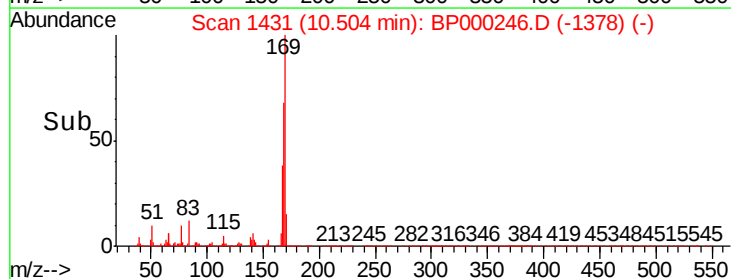
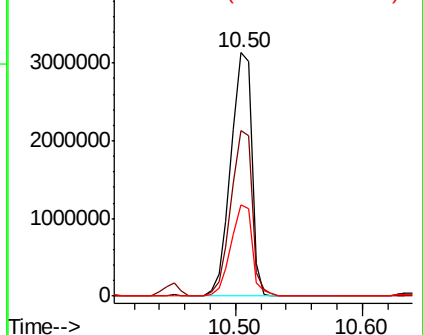
167 37.6 29.0 43.6

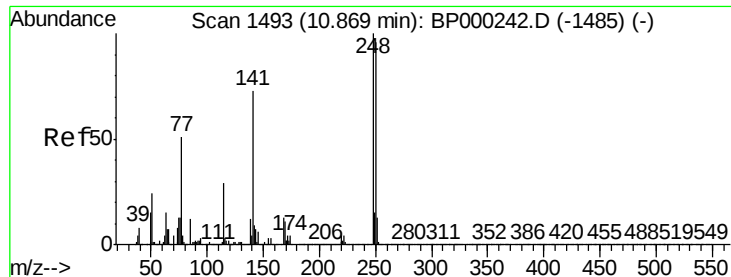


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

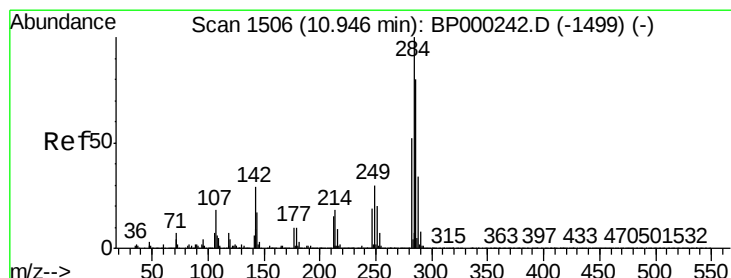
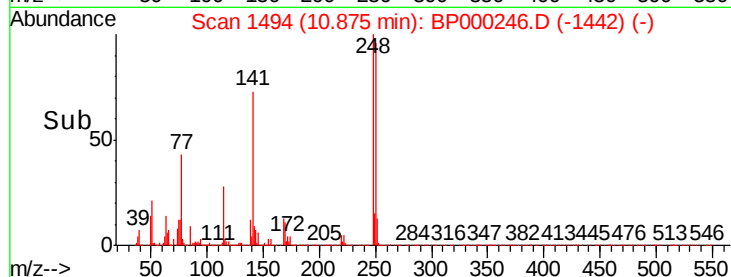
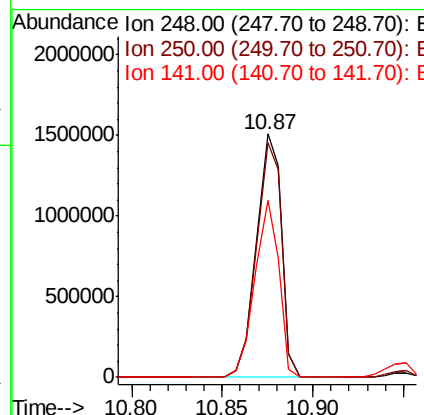
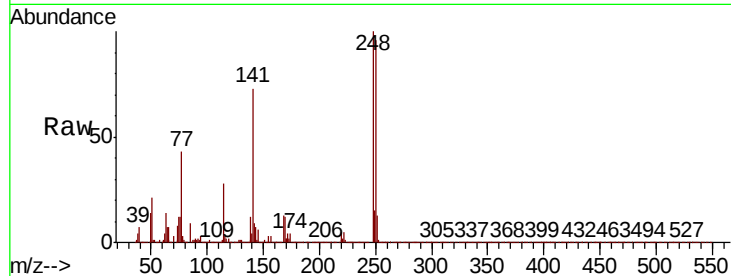




#67
4-Bromophenyl-phenylether
Concen: 101.702 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

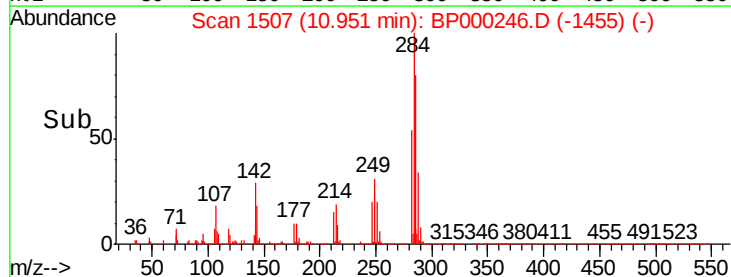
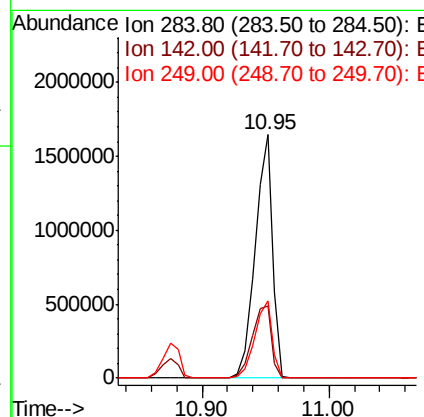
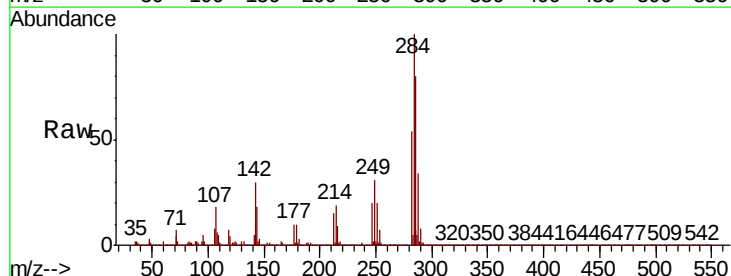
Instrument :
BNA_P
ClientSampleId :

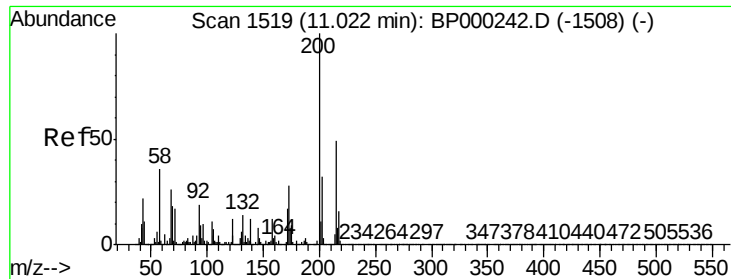
Tot Ion:248 Resp: 1449888
Ion Ratio Lower Upper
248 100
250 96.5 77.0 115.4
141 72.6 58.5 87.7



#68
Hexachlorobenzene
Concen: 100.743 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:284 Resp: 1564882
Ion Ratio Lower Upper
284 100
142 29.8 23.6 35.4
249 31.5 24.3 36.5





#69

Atrazine

Concen: 27.969 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

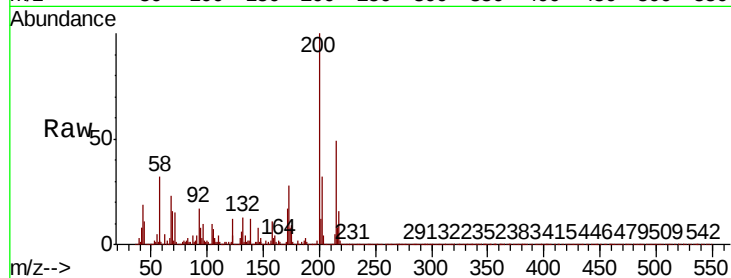
Tot Ion:200 Resp: 339151

Ion Ratio Lower Upper

200 100

173 28.2 7.6 47.6

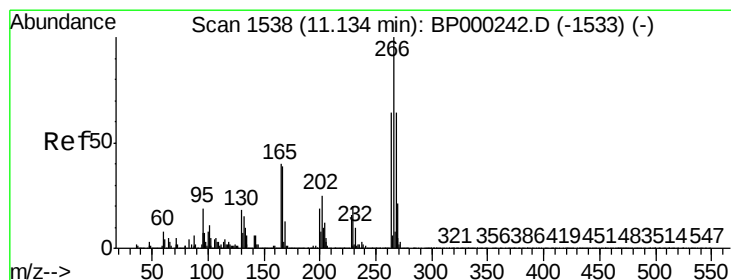
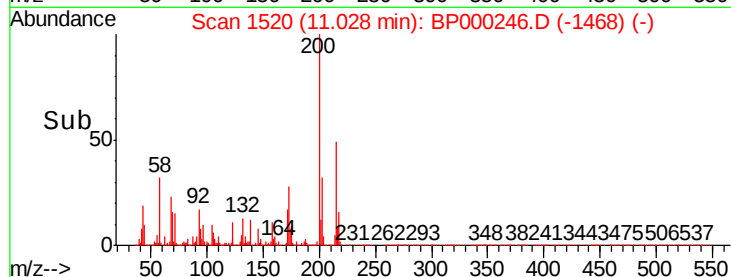
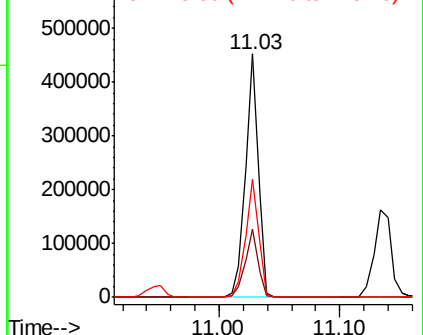
215 48.7 28.6 68.6



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: 102.334 ng

RT: 11.14 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

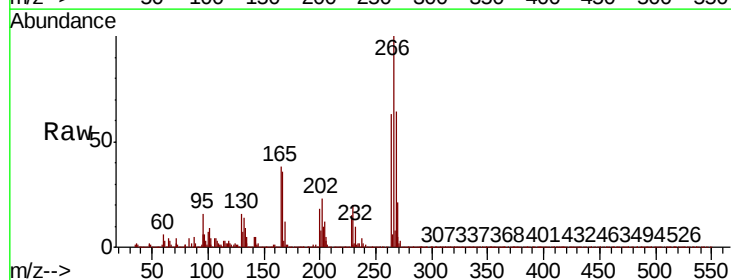
Tgt Ion:266 Resp: 861337

Ion Ratio Lower Upper

266 100

268 63.8 51.6 77.4

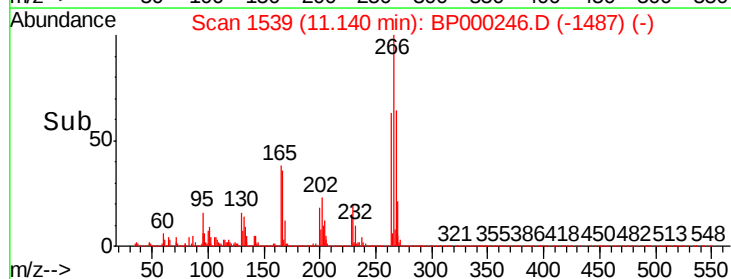
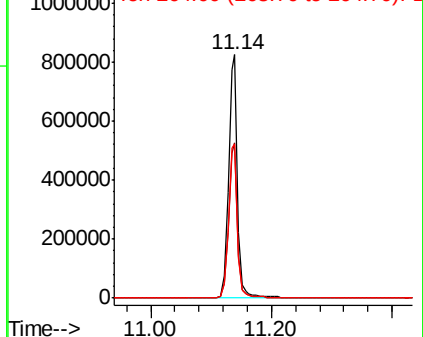
264 63.2 50.8 76.2

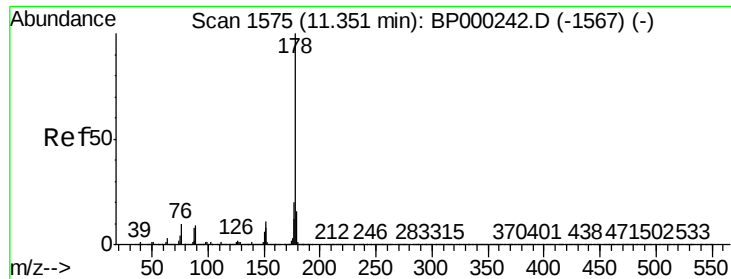


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

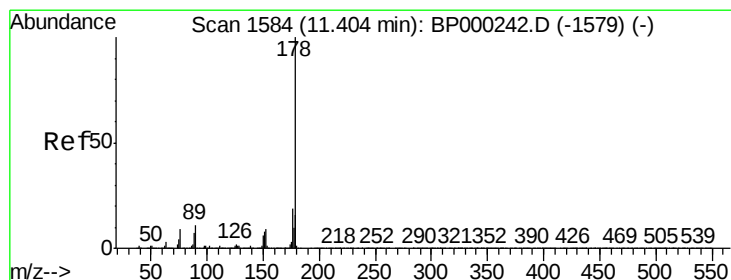
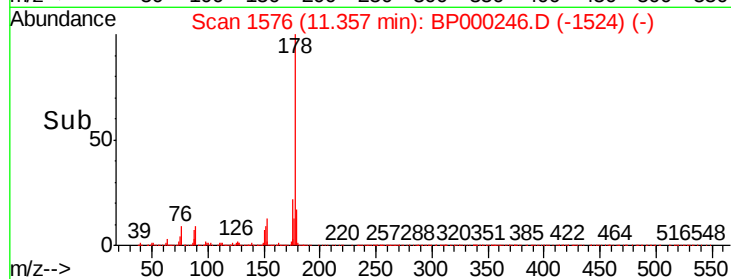
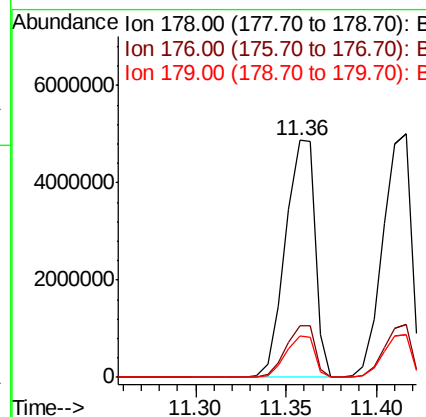
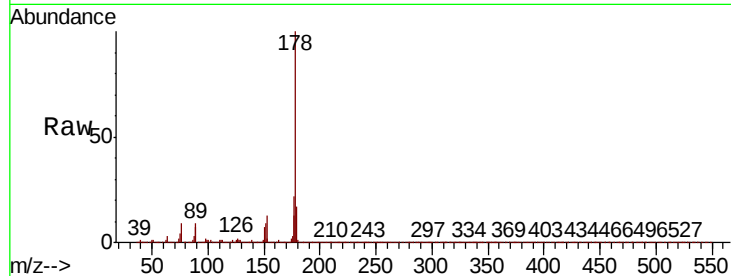




#71
Phenanthrene
Concen: 80.106 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

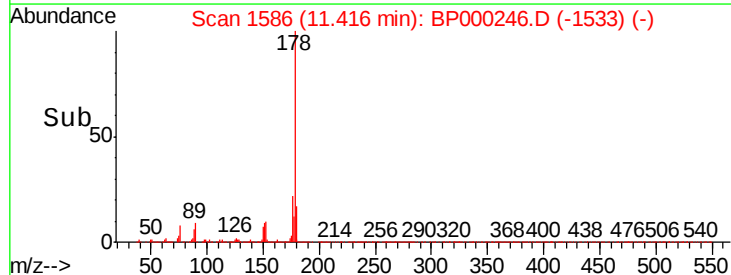
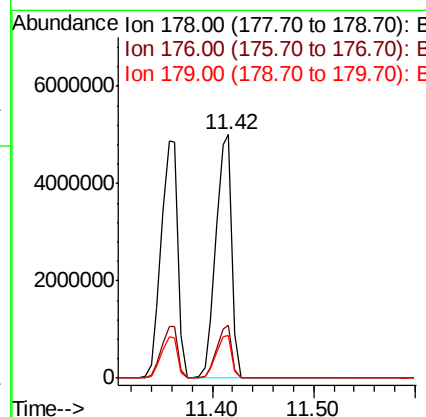
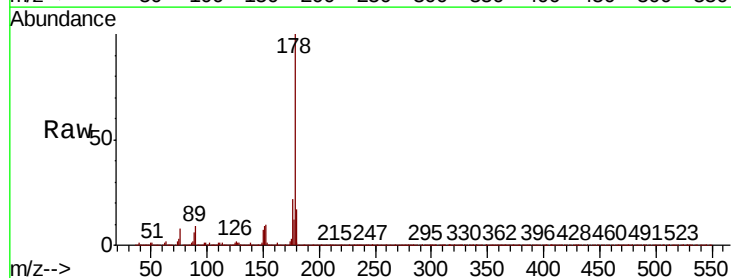
Instrument :
BNA_P
ClientSampleId :

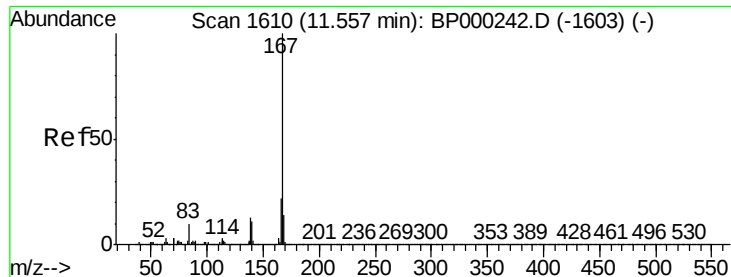
Tot Ion:178 Resp: 5600897
Ion Ratio Lower Upper
178 100
176 21.9 15.8 23.8
179 17.5 12.7 19.1



#72
Anthracene
Concen: 78.499 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:178 Resp: 5421747
Ion Ratio Lower Upper
178 100
176 21.6 15.4 23.0
179 17.3 12.7 19.1





#73

Carbazole

Concen: 80.154 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

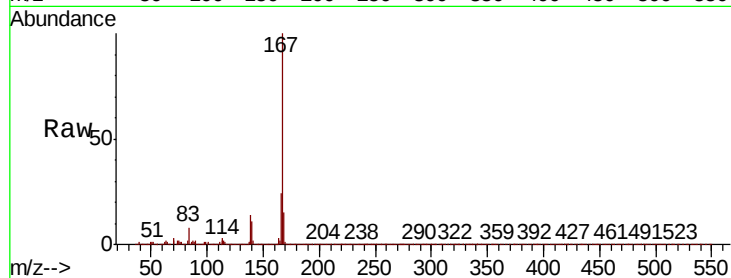
Tot Ion:167 Resp: 5225518

Ion Ratio Lower Upper

167 100

166 24.2 17.8 26.8

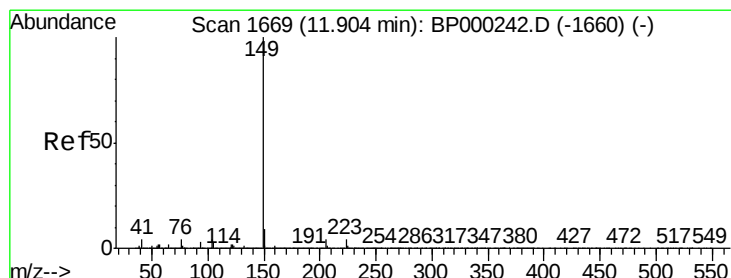
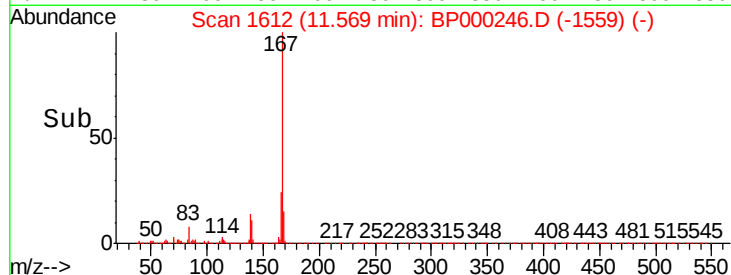
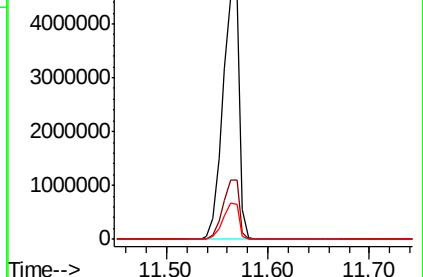
139 14.4 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 77.954 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

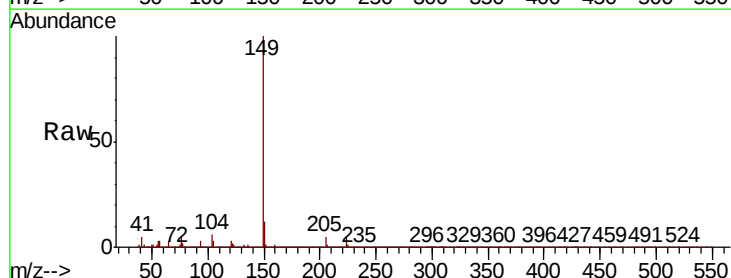
Tgt Ion:149 Resp: 6162349

Ion Ratio Lower Upper

149 100

150 11.5 7.4 11.2#

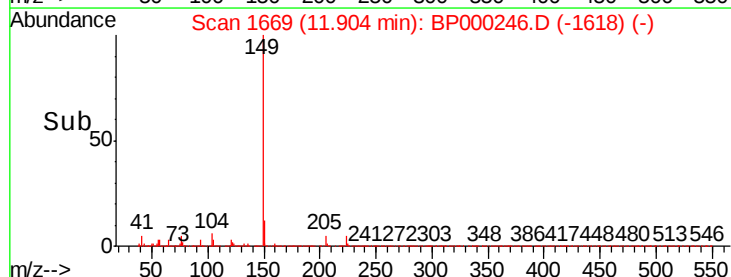
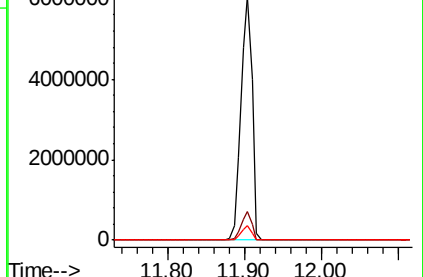
104 6.1 3.5 5.3#

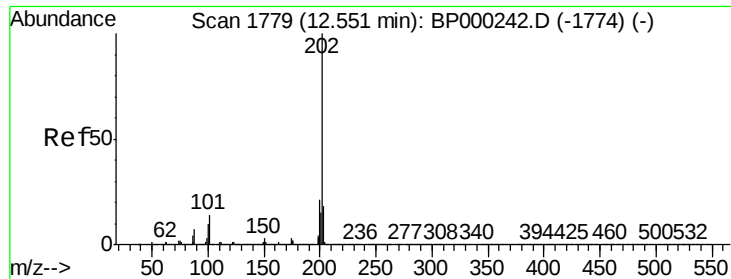


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

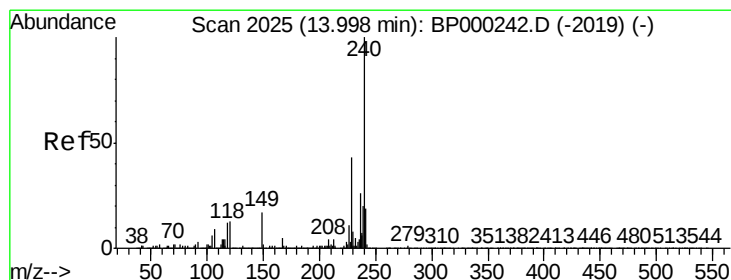
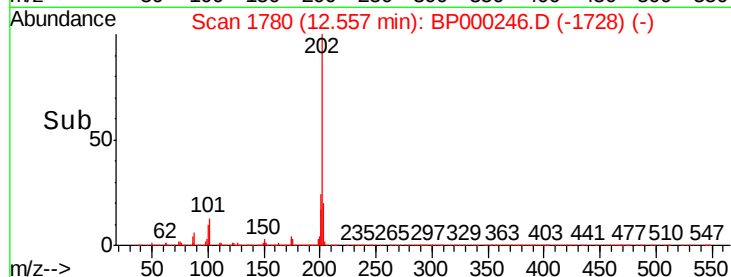
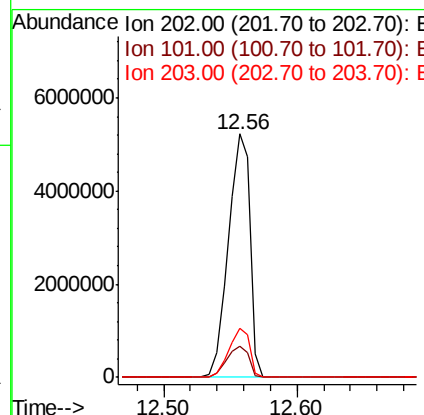
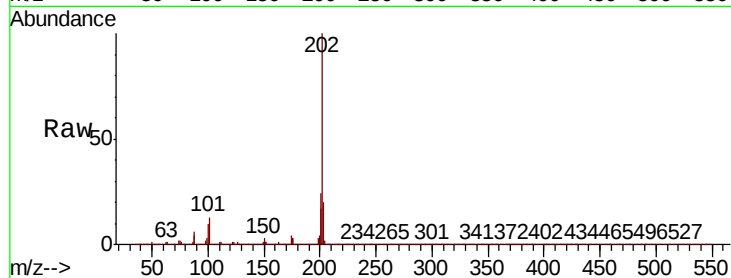




#75
 Fluoranthene
 Concen: 78.733 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BP000246.D
 Acq: 16 Sep 2019 18:13

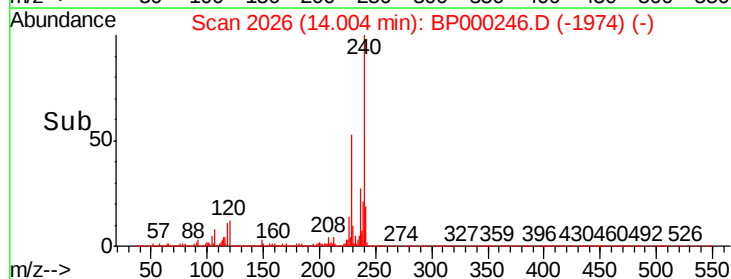
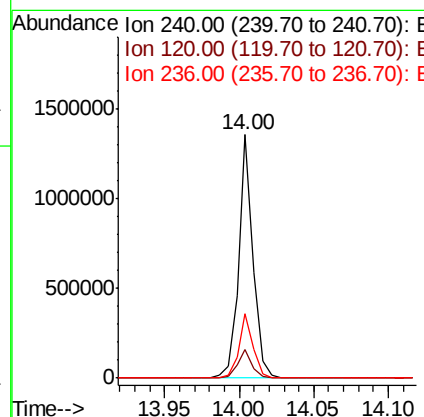
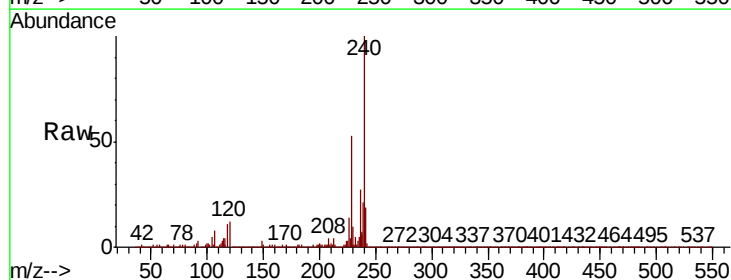
Instrument :
 BNA_P
 ClientSampleId :

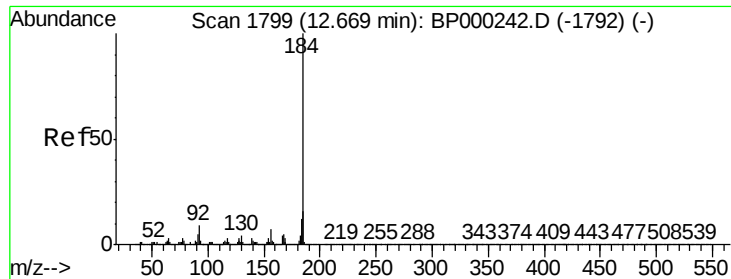
Tot Ion:202 Resp: 5982018
 Ion Ratio Lower Upper
 202 100
 101 12.8 0.0 33.9
 203 20.1 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BP000246.D
 Acq: 16 Sep 2019 18:13

Tgt Ion:240 Resp: 922784
 Ion Ratio Lower Upper
 240 100
 120 11.9 10.4 15.6
 236 26.6 21.0 31.6





#77

Benzidine

Concen: 51.635 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

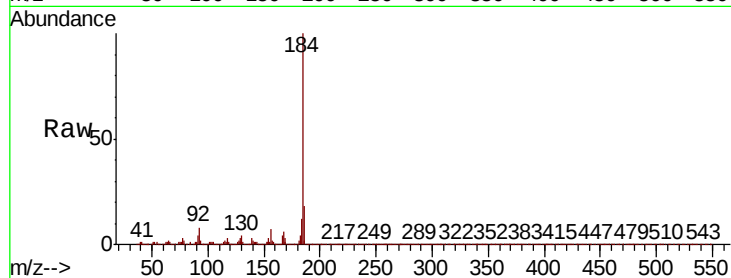
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 1643967

Ion	Ratio	Lower	Upper
184	100		
185	18.3	12.7	19.1
183	12.3	9.5	14.3

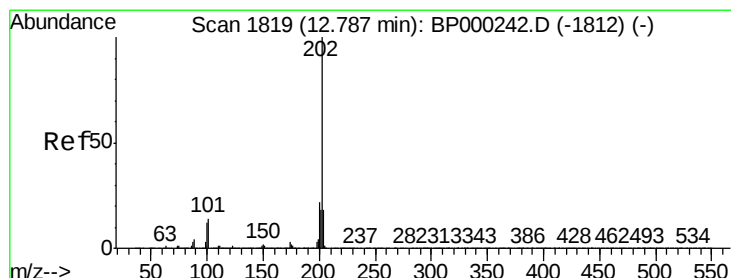
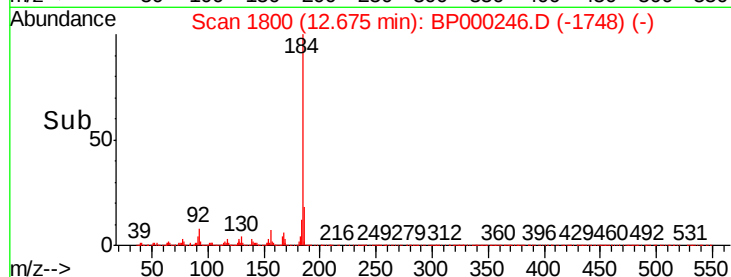
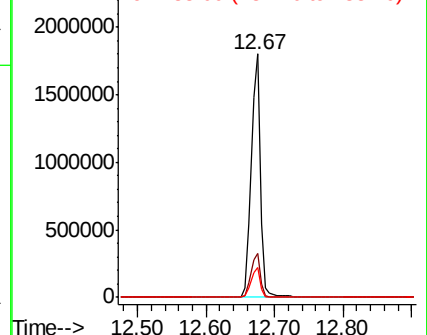


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 89.348 ng

RT: 12.79 min Scan# 1820

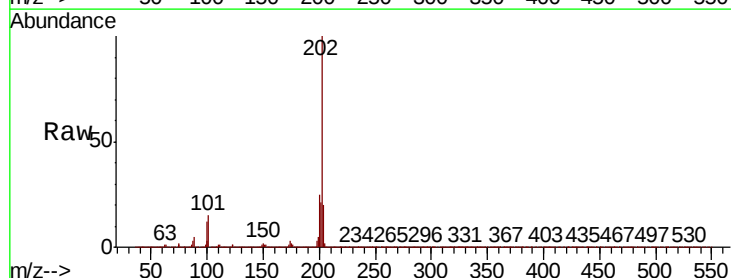
Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Tgt Ion:202 Resp: 6065508

Ion	Ratio	Lower	Upper
202	100		
200	25.1	17.5	26.3
203	20.0	14.3	21.5

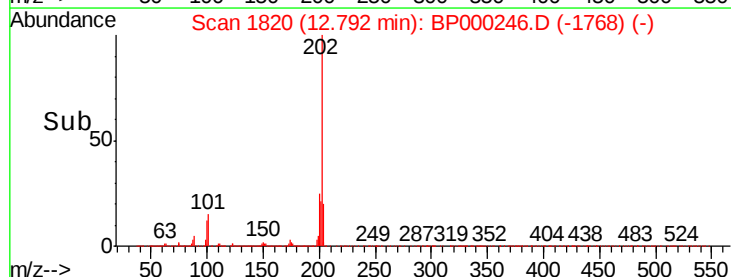
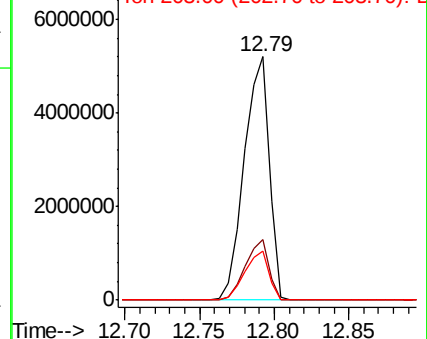


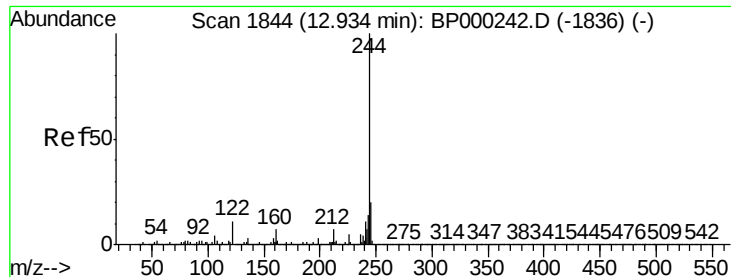
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 166.861 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

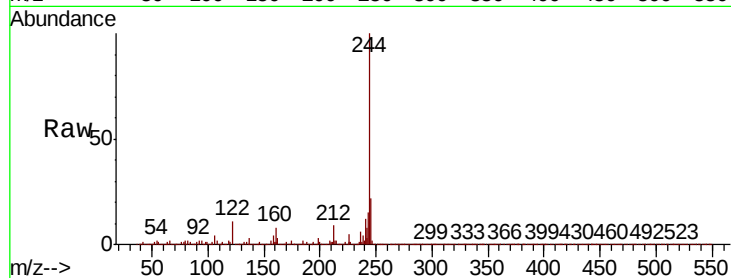
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 7064410

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.9	8.9
122	11.1	9.0	13.4

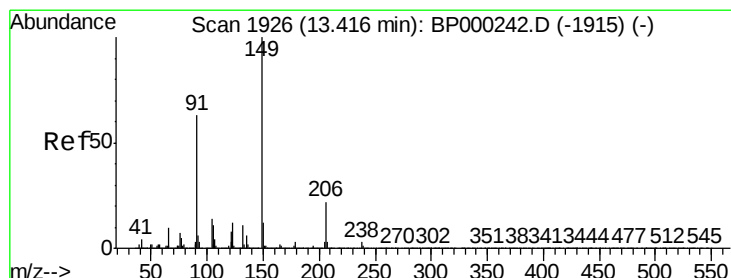
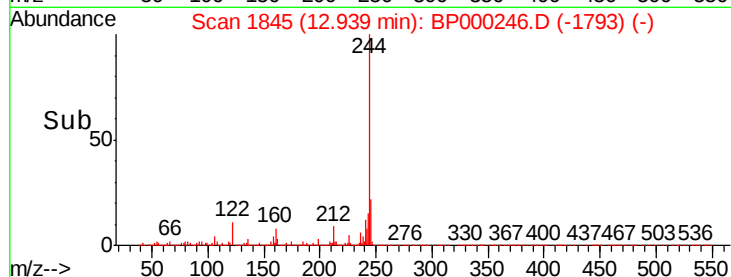
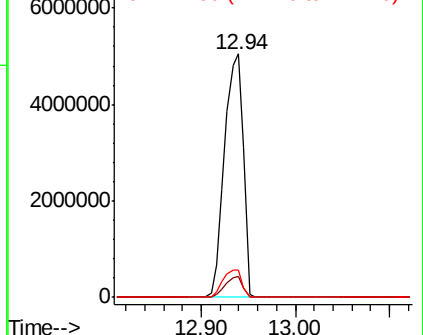


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 100.027 ng

RT: 13.42 min Scan# 1926

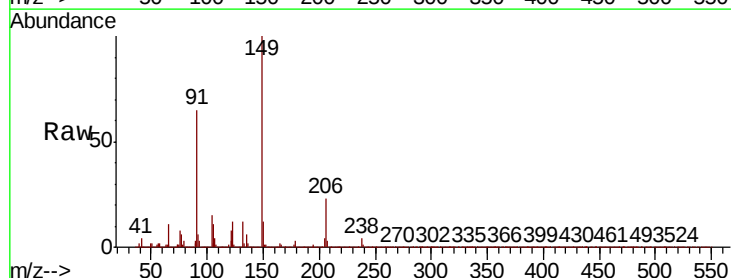
Delta R.T. -0.00 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Tgt Ion:149 Resp: 3025547

Ion	Ratio	Lower	Upper
149	100		
91	64.9	50.6	76.0
206	23.2	17.8	26.6

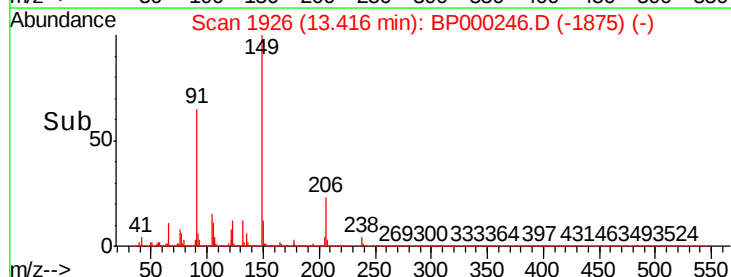
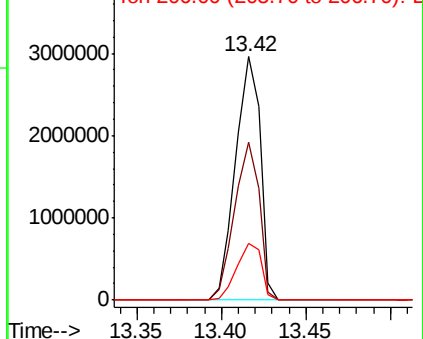


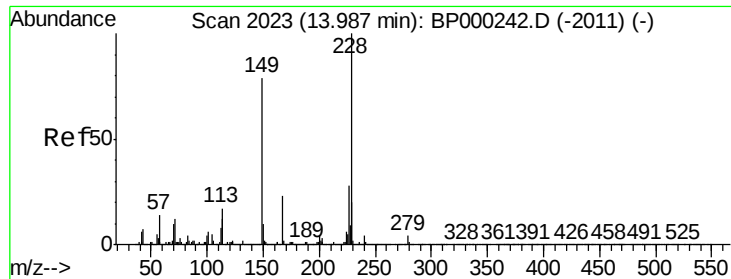
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

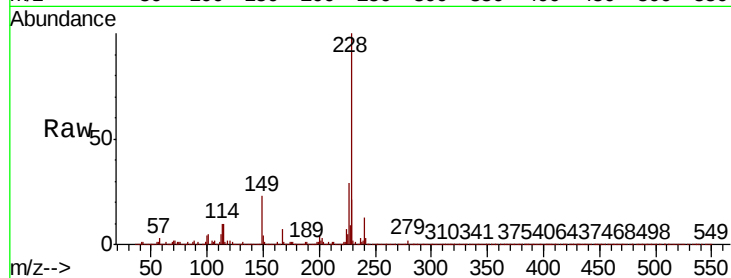




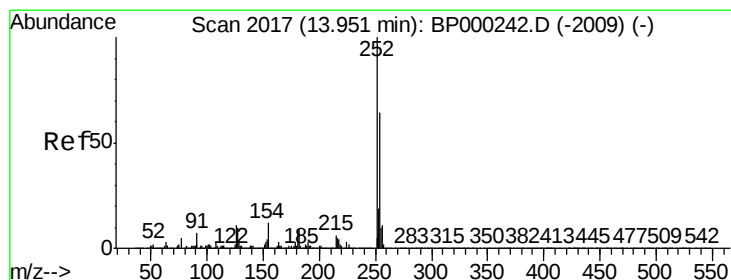
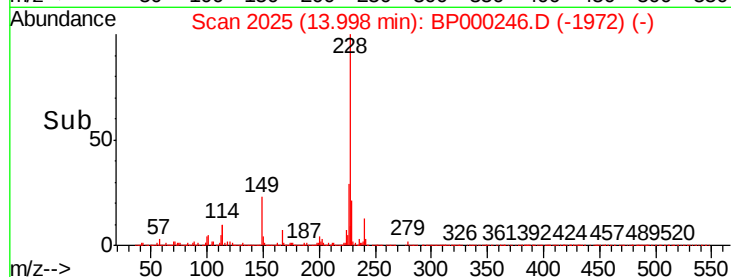
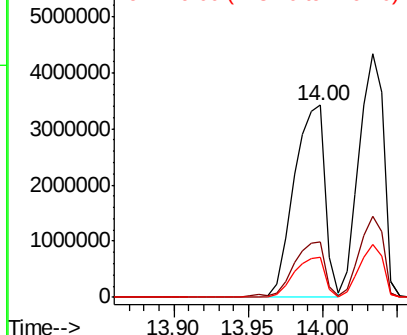
#81
Benzo(a)anthracene
Concen: 82.380 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:228 Resp: 4925990
Ion Ratio Lower Upper
228 100
226 28.8 22.2 33.4
229 20.7 16.0 24.0

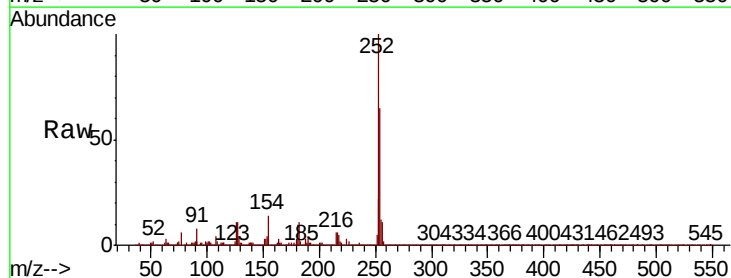


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

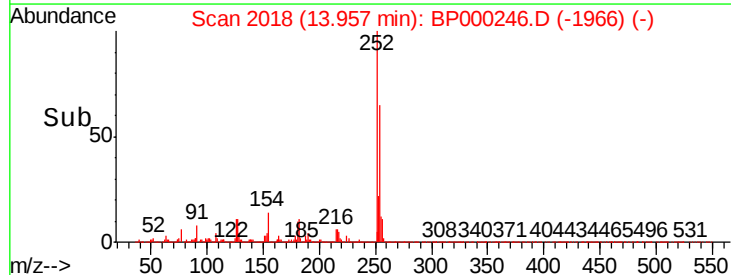
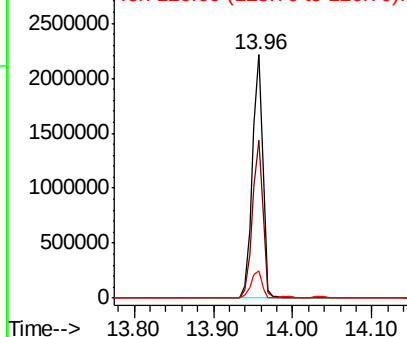


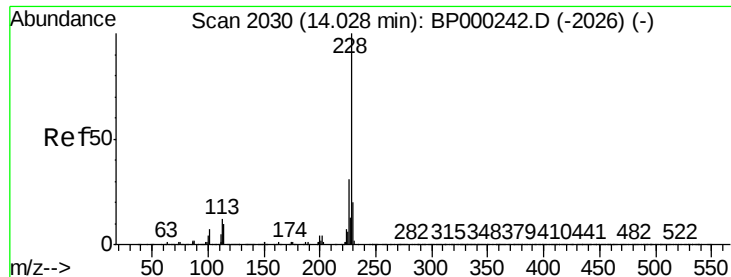
#82
3,3'-Dichlorobenzidine
Concen: 90.589 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:252 Resp: 1998336
Ion Ratio Lower Upper
252 100
254 65.1 51.5 77.3
126 11.3 8.4 12.6



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: 87.526 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleID :

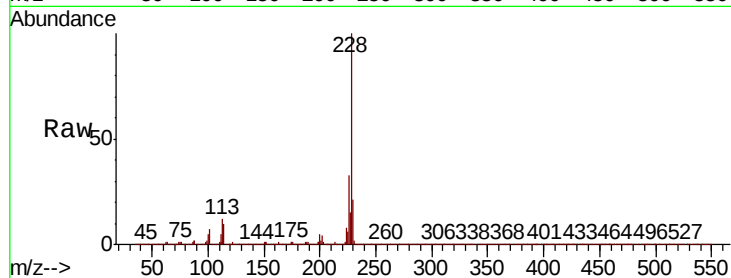
Tot Ion:228 Resp: 4950434

Ion	Ratio	Lower	Upper
228	100		
226	33.4	24.9	37.3
229	21.5	16.2	24.2

228 100

226 33.4 24.9 37.3

229 21.5 16.2 24.2

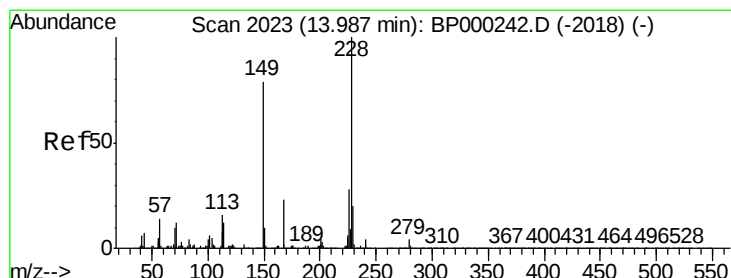
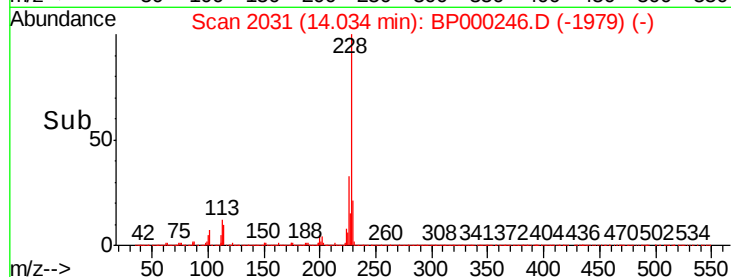
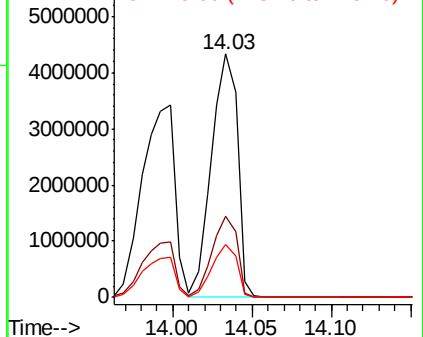


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.209 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

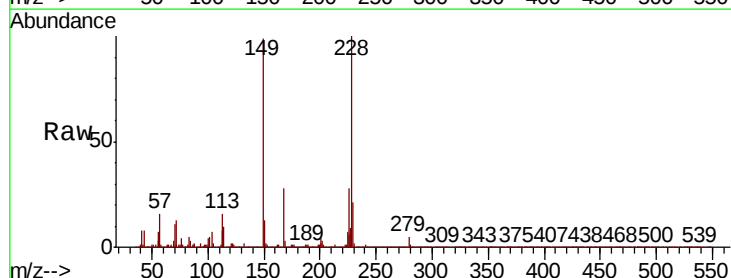
Tgt Ion:149 Resp: 3117879

Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.4
279	5.3	3.7	5.5

149 100

167 28.9 23.0 34.4

279 5.3 3.7 5.5

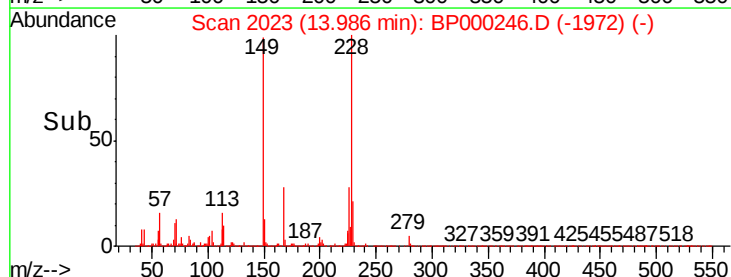
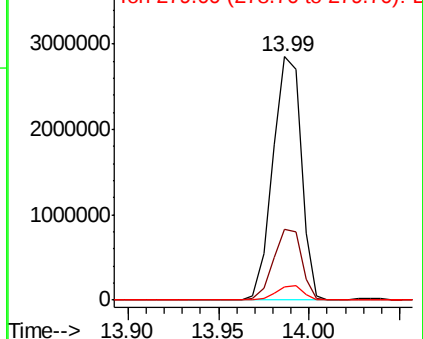


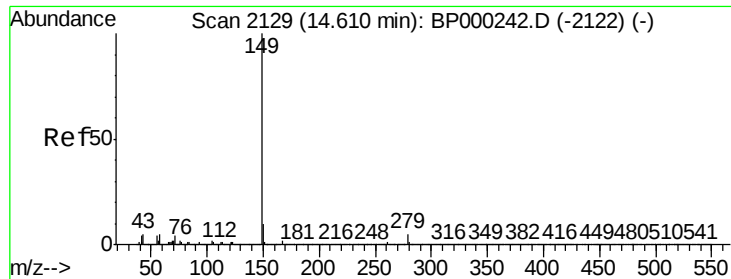
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 86.948 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Instrument :

BNA_P

ClientSampleId :

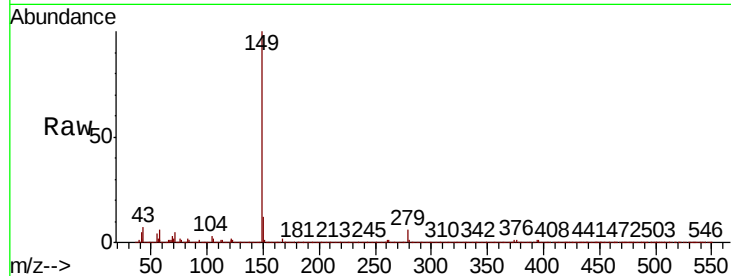
Tot Ion:149 Resp: 6031095

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

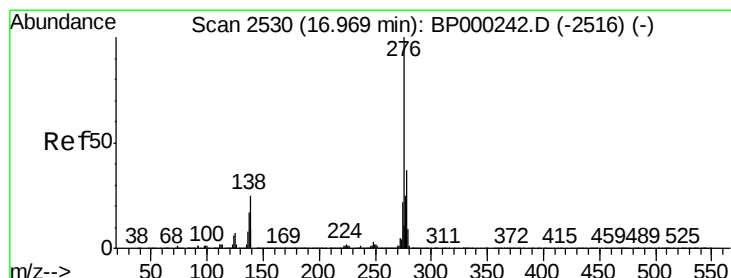
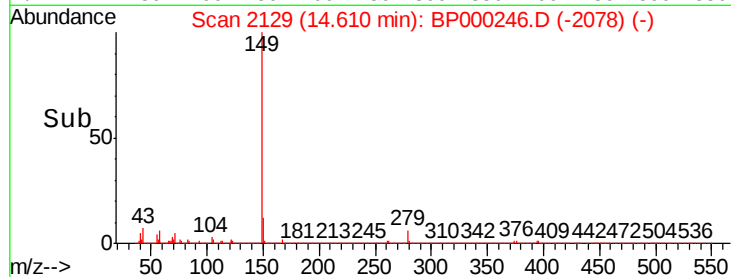
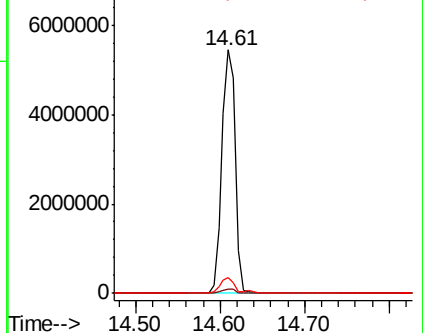
43 6.7 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 100.012 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.02 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

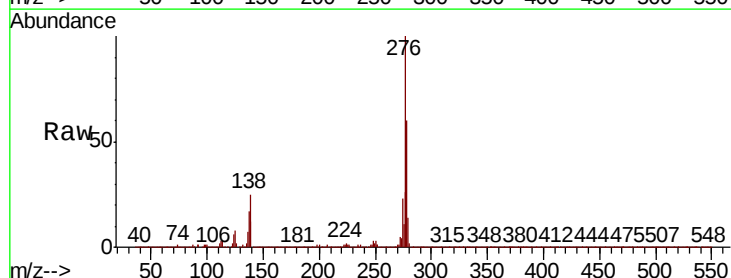
Tgt Ion:276 Resp: 7088135

Ion Ratio Lower Upper

276 100

138 26.3 22.6 33.8

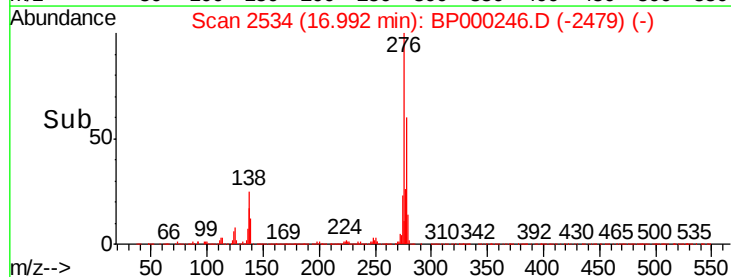
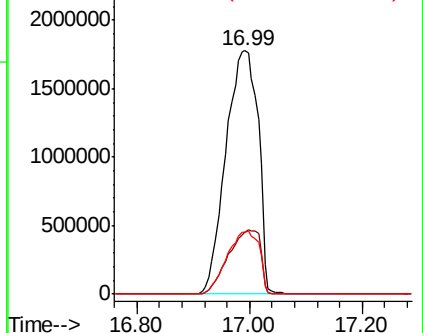
277 25.9 20.4 30.6

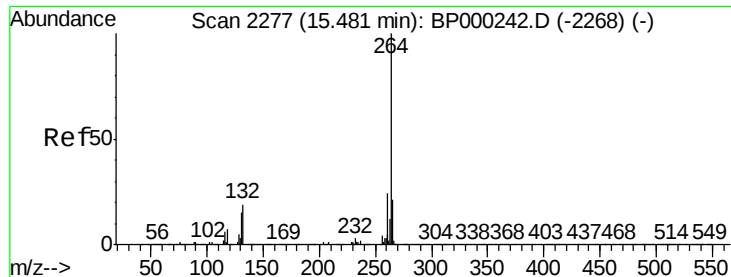


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



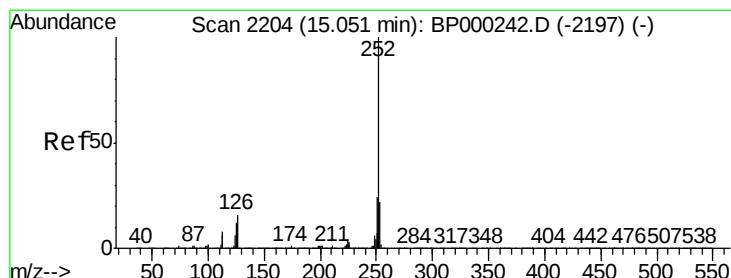
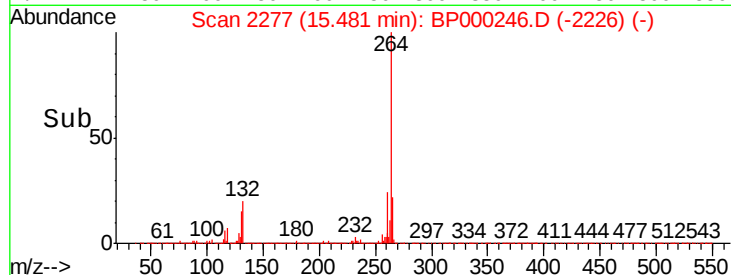
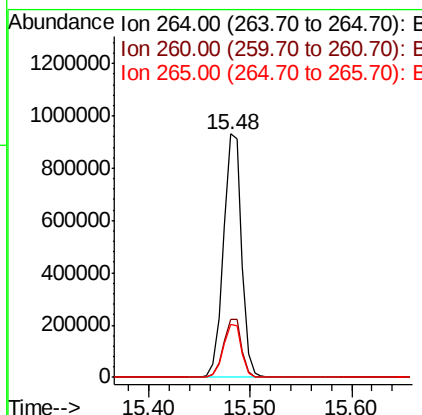
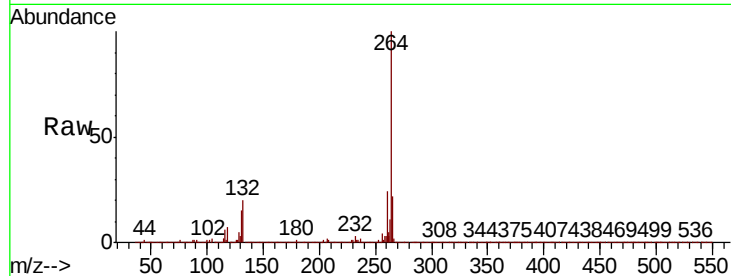


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 1147988

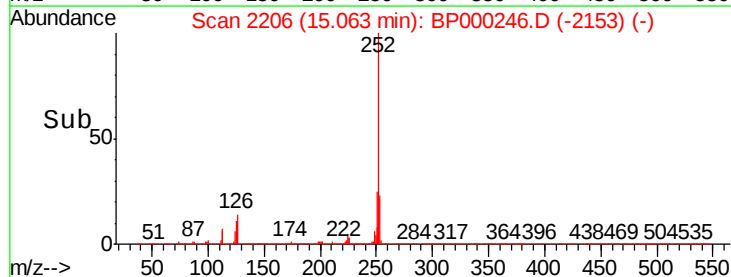
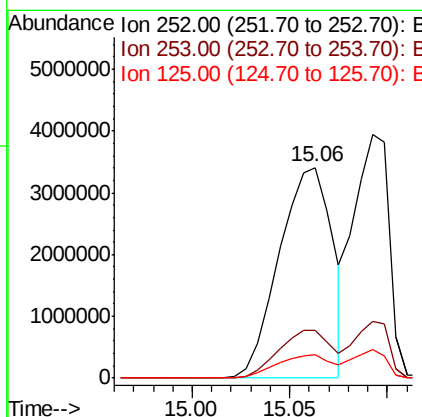
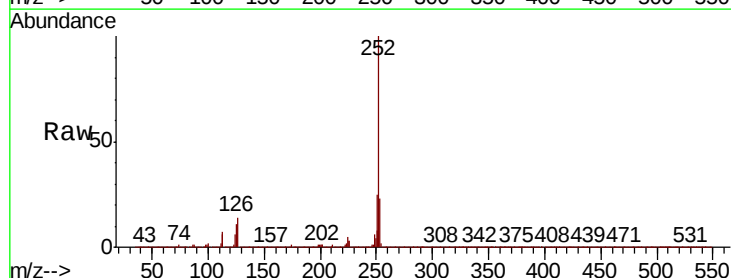
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	21.7	17.2	25.8

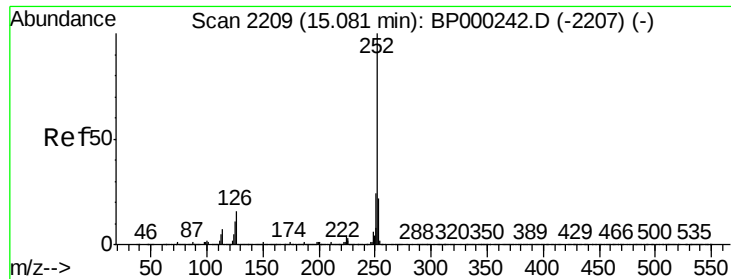


#88
Benzo(b)fluoranthene
Concen: 91.957 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:252 Resp: 6448140

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	10.9	9.5	14.3

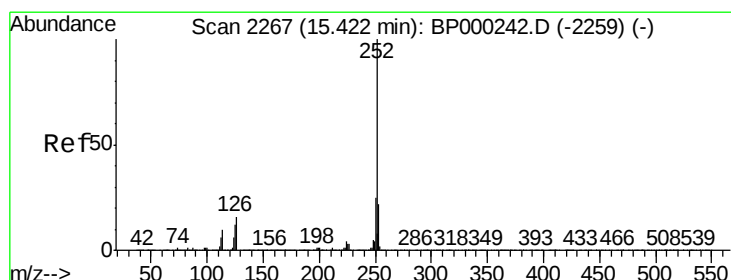
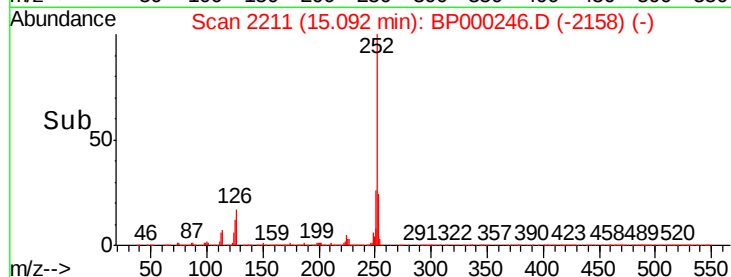
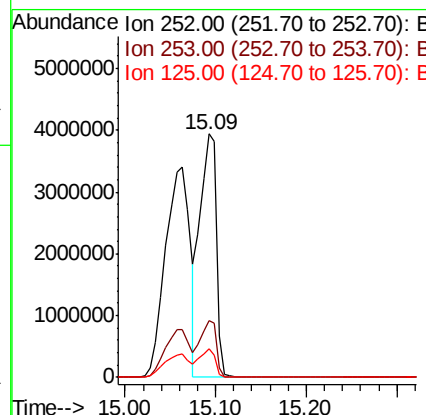
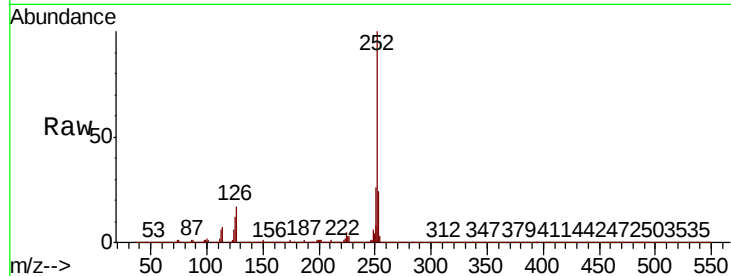




#89
Benzo(k)fluoranthene
Concen: 77.543 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

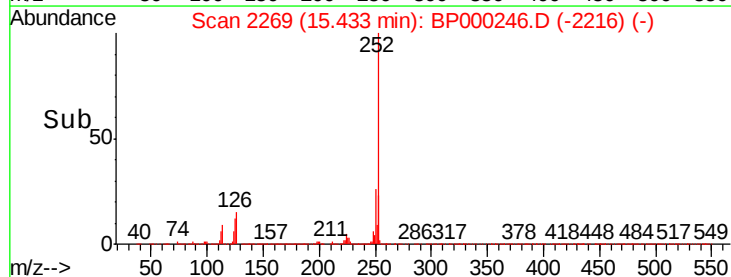
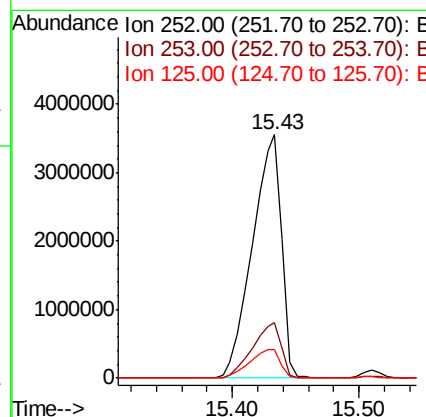
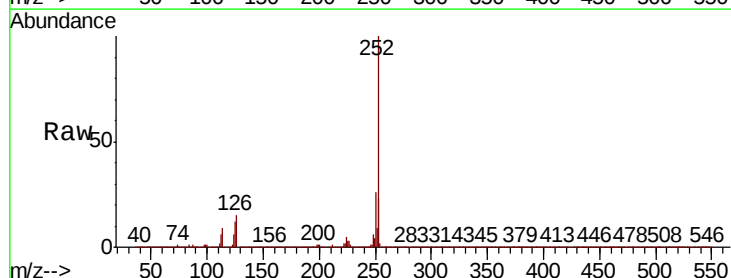
Instrument :
BNA_P
ClientSampleId :

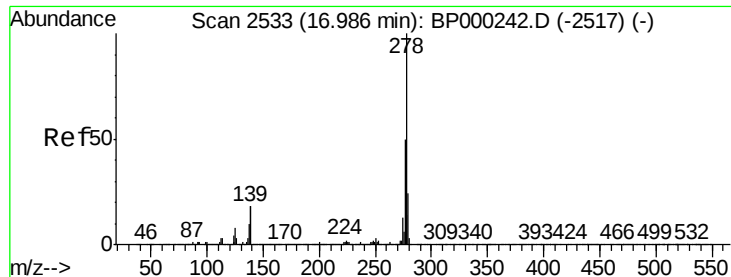
Tot Ion:252 Resp: 4975831
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.8
125 11.6 9.6 14.4



#90
Benzo(a)pyrene
Concen: 89.763 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BP000246.D
Acq: 16 Sep 2019 18:13

Tgt Ion:252 Resp: 5681889
Ion Ratio Lower Upper
252 100
253 23.0 17.7 26.5
125 11.8 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 84.371 ng

RT: 17.02 min Scan# 2538

Delta R.T. 0.03 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

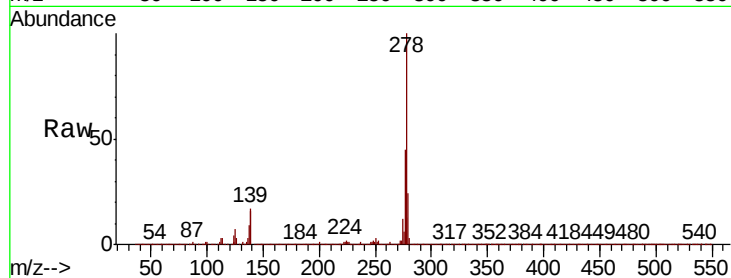
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 5340751

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.5	21.7
279	24.3	19.0	28.6

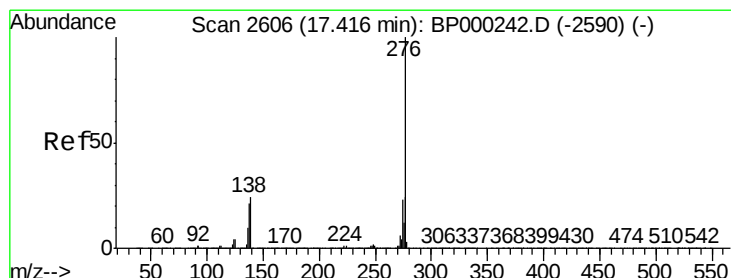
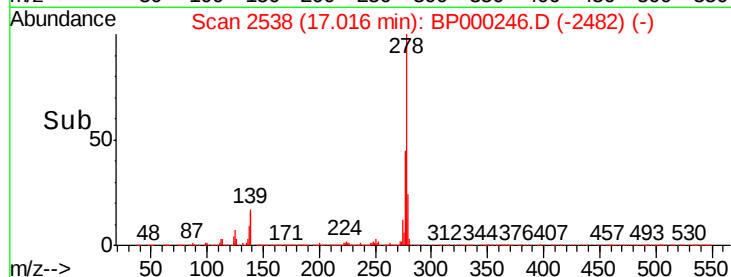
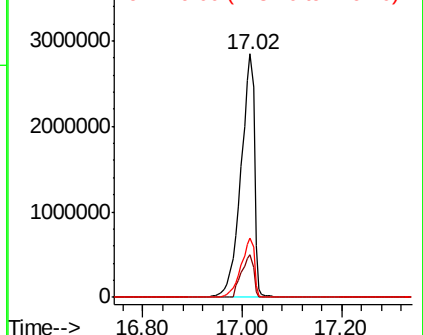


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 93.785 ng

RT: 17.45 min Scan# 2612

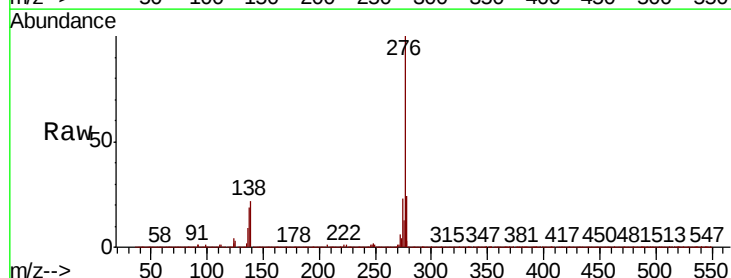
Delta R.T. 0.04 min

Lab File: BP000246.D

Acq: 16 Sep 2019 18:13

Tgt Ion:276 Resp: 5875974

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.1	28.7
138	22.2	19.5	29.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

