

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100719\
 Data File : BP000537.D
 Acq On : 07 Oct 2019 12:39
 Operator : JU
 Sample : PB123395BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123395BS

Quant Time: Oct 07 15:57:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	231981	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	888441	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	505944	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	959812	20.00	ng	0.00
76) Chrysene-d12	13.98	240	855934	20.00	ng	0.00
87) Perylene-d12	15.45	264	970600	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1549585	107.37	ng	0.00
7) Phenol-d6	6.40	99	1910206	109.84	ng	0.00
23) Nitrobenzene-d5	7.32	82	889655	61.16	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	616140	114.28	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2063957	66.00	ng	0.00
79) Terphenyl-d14	12.91	244	2656842	62.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	220424	38.248	ng	97
3) Pyridine	3.22	79	538273	34.185	ng	96
4) n-Nitrosodimethylamine	3.16	42	180745	40.792	ng	96
6) Aniline	6.42	93	695237	32.906	ng	# 88
8) 2-Chlorophenol	6.55	128	610756	42.881	ng	97
9) Benzaldehyde	6.30	77	375755	41.481	ng	98
10) Phenol	6.42	94	758873	42.619	ng	93
11) bis(2-Chloroethyl)ether	6.50	93	565121	41.253	ng	98
12) 1,3-Dichlorobenzene	6.70	146	680345	39.405	ng	98
13) 1,4-Dichlorobenzene	6.78	146	690672	39.755	ng	97
14) 1,2-Dichlorobenzene	6.93	146	652517	40.680	ng	99
15) Benzyl Alcohol	6.90	79	472182	42.042	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	523649	41.440	ng	98
17) 2-Methylphenol	7.02	107	490020	41.630	ng	97
18) Hexachloroethane	7.28	117	240363	38.873	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	347523	43.353	ng	97
20) 3+4-Methylphenols	7.18	107	625177	45.390	ng	# 76
22) Acetophenone	7.17	105	818780	39.885	ng	# 97
24) Nitrobenzene	7.34	77	570657	40.675	ng	97
25) Isophorone	7.58	82	1077279	41.727	ng	97
26) 2-Nitrophenol	7.66	139	307314	41.653	ng	95
27) 2,4-Dimethylphenol	7.70	122	541632	47.891	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	707833	40.344	ng	100
29) 2,4-Dichlorophenol	7.90	162	539923	42.222	ng	97
30) 1,2,4-Trichlorobenzene	7.99	180	593077	39.490	ng	100
31) Naphthalene	8.07	128	1745433	42.065	ng	99
32) Benzoic acid	7.82	122	283615	39.715	ng	99
33) 4-Chloroaniline	8.12	127	408799	22.438	ng	99
34) Hexachlorobutadiene	8.19	225	342657	37.754	ng	98
35) Caprolactam	8.47	113	93354	21.796	ng	98
36) 4-Chloro-3-methylphenol	8.60	107	536325	42.822	ng	98
37) 2-Methylnaphthalene	8.76	142	1227404	44.064	ng	99
38) 1-Methylnaphthalene	8.86	142	1153825	43.839	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	604239	37.732	ng	98

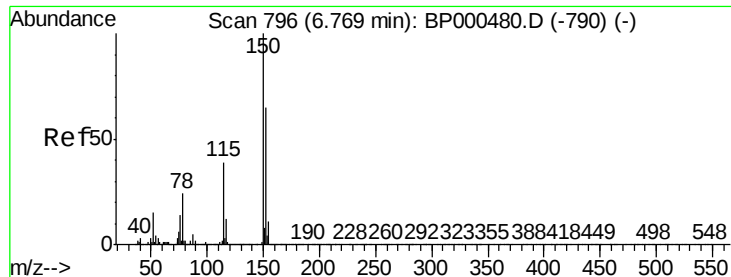
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	547720	84.951	ng	98
43) 2,4,6-Trichlorophenol	9.05	196	389084	39.470	ng	98
44) 2,4,5-Trichlorophenol	9.09	196	419702	41.236	ng	99
46) 1,1'-Biphenyl	9.23	154	1499540	39.265	ng	98
47) 2-Chloronaphthalene	9.25	162	1164510	39.434	ng	98
48) 2-Nitroaniline	9.35	65	281471	39.370	ng	98
49) Acenaphthylene	9.67	152	1857436	41.690	ng	99
50) Dimethylphthalate	9.53	163	1392196	39.601	ng	99
51) 2,6-Dinitrotoluene	9.59	165	310890	40.552	ng	98
52) Acenaphthene	9.85	154	1085245	40.155	ng	100
53) 3-Nitroaniline	9.76	138	215456	24.527	ng	96
54) 2,4-Dinitrophenol	9.88	184	232758	90.986	ng	90
55) Dibenzofuran	10.02	168	1693845	41.927	ng	100
56) 4-Nitrophenol	9.93	139	488987	87.190	ng	97
57) 2,4-Dinitrotoluene	10.00	165	415025	40.829	ng	95
58) Fluorene	10.36	166	1306570	45.378	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.14	232	360531	41.904	ng	100
60) Diethylphthalate	10.24	149	1362048	40.814	ng	99
61) 4-Chlorophenyl-phenylether	10.36	204	679184	43.866	ng	98
62) 4-Nitroaniline	10.38	138	337324	39.927	ng	99
63) Azobenzene	10.52	77	1178473	45.995	ng	99
65) 4,6-Dinitro-2-methylphenol	10.42	198	183179	43.053	ng	90
66) n-Nitrosodiphenylamine	10.48	169	1188885	42.529	ng	97
67) 4-Bromophenyl-phenylether	10.85	248	420268	38.898	ng	98
68) Hexachlorobenzene	10.92	284	458701	37.360	ng	98
69) Atrazine	11.01	200	425268	46.357	ng	98
70) Pentachlorophenol	11.12	266	452492	91.759	ng	96
71) Phenanthrene	11.33	178	2019146	41.887	ng	99
72) Anthracene	11.39	178	2085728	43.638	ng	100
73) Carbazole	11.54	167	1906055	43.020	ng	99
74) Di-n-butylphthalate	11.88	149	2242034	41.540	ng	99
75) Fluoranthene	12.53	202	2294735	42.386	ng	100
77) Benzidine	12.66	184	1701539	68.650	ng	99
78) Pyrene	12.76	202	2337273	39.592	ng	99
80) Butylbenzylphthalate	13.39	149	1016434	39.513	ng	96
81) Benzo(a)anthracene	13.97	228	2159185	41.345	ng	97
82) 3,3'-Dichlorobenzidine	13.93	252	439383	21.181	ng	98
83) Chrysene	14.00	228	2115302	41.268	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1341360	41.460	ng	97
85) Di-n-octyl phthalate	14.59	149	2441170	41.629	ng	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2466854	38.528	ng	99
88) Benzo(b)fluoranthene	15.03	252	2233508	40.562	ng	98
89) Benzo(k)fluoranthene	15.06	252	2157205	41.149	ng	99
90) Benzo(a)pyrene	15.39	252	2035333	39.651	ng	98
91) Dibenzo(a,h)anthracene	16.95	278	2048268	41.143	ng	99
92) Benzo(g,h,i)perylene	17.37	276	2055058	40.624	ng	99

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

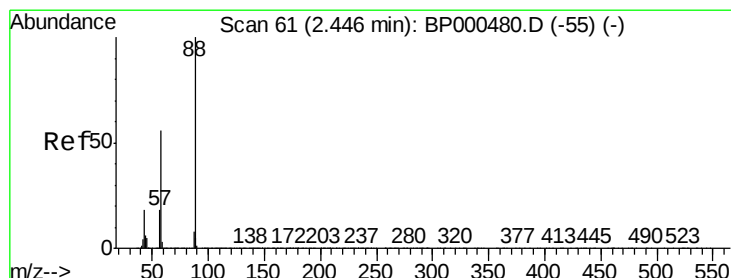
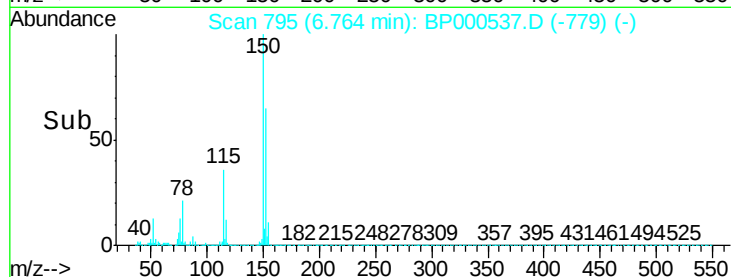
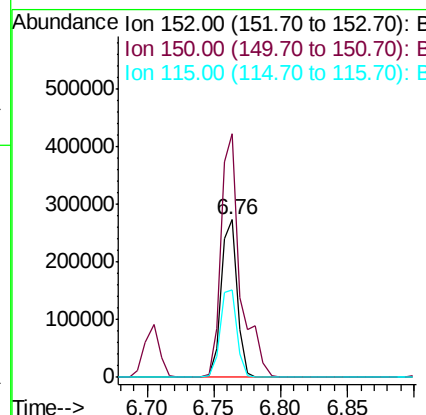
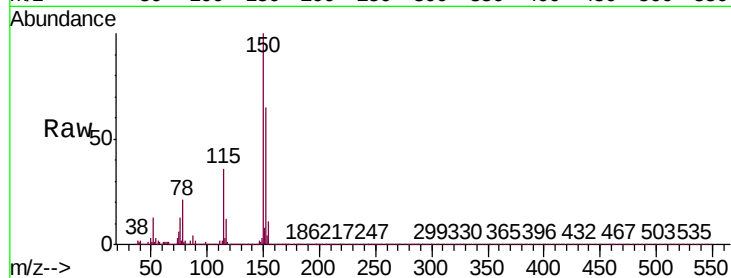


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Instrument :
BNA_P
ClientSampleId :
PB123395BS

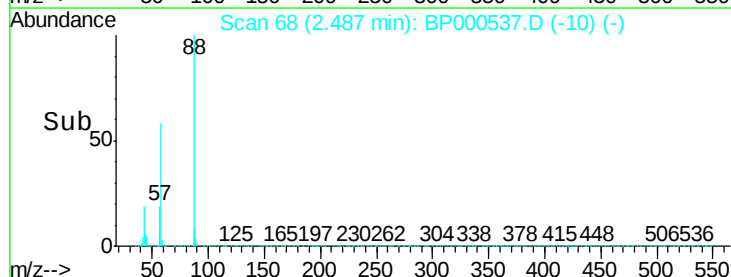
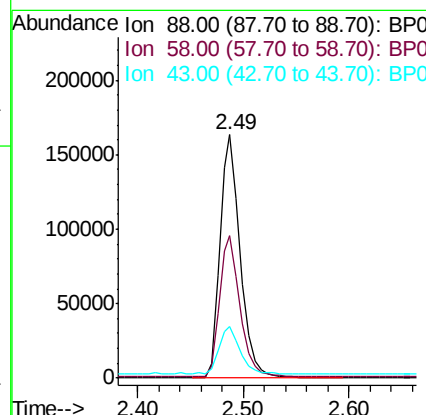
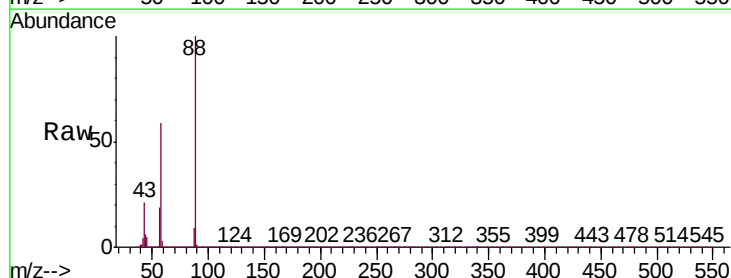
Tgt Ion: 152 Resp: 231981
Ion Ratio Lower Upper
152 100
150 154.5 124.1 186.1
115 55.7 48.7 73.1

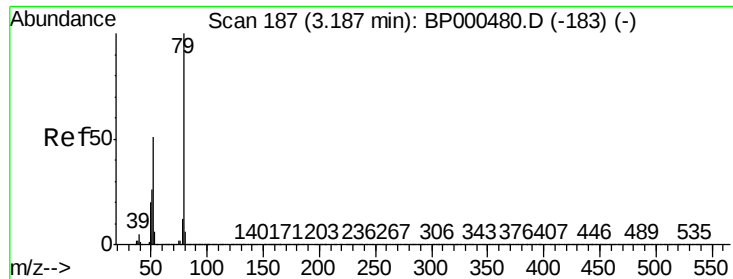


#2

1,4-Dioxane
Concen: 38.248 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.04 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion: 88 Resp: 220424
Ion Ratio Lower Upper
88 100
58 58.7 45.3 67.9
43 19.8 14.5 21.7





#3

Pyridine

Concen: 34.185 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.04 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

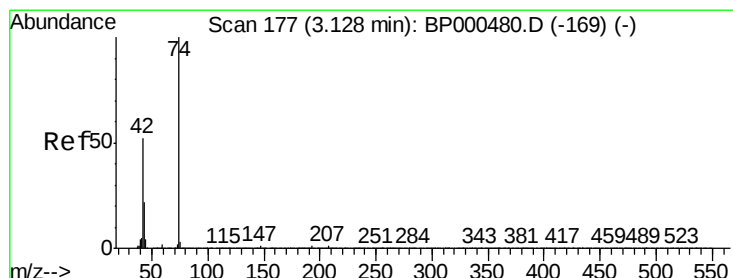
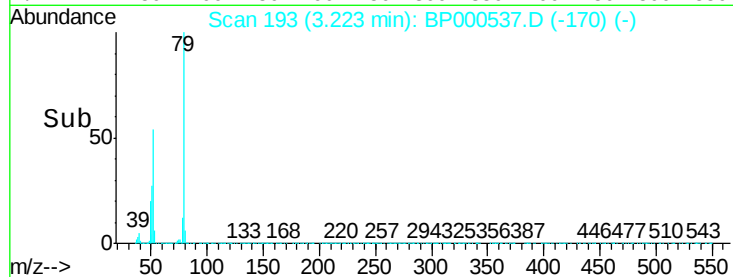
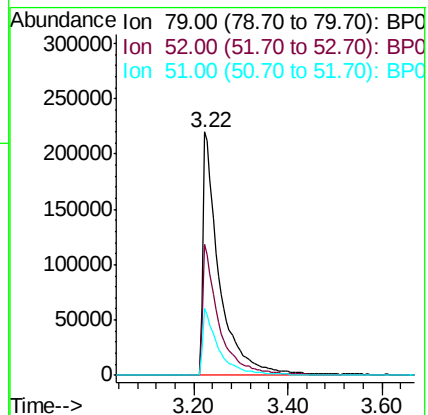
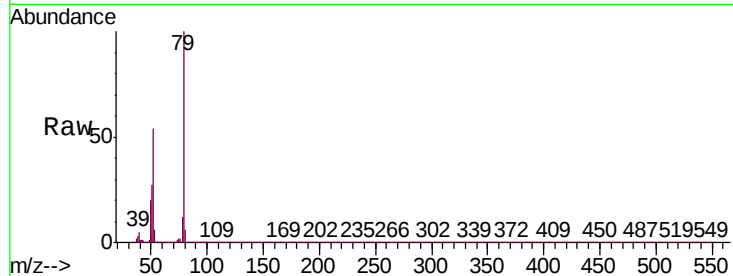
Tgt Ion: 79 Resp: 538273

Ion Ratio Lower Upper

79 100

52 53.6 40.7 61.1

51 27.3 20.5 30.7



#4

n-Nitrosodimethylamine

Concen: 40.792 ng

RT: 3.16 min Scan# 182

Delta R.T. 0.03 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

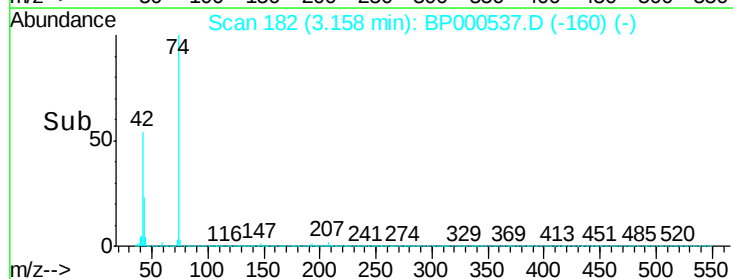
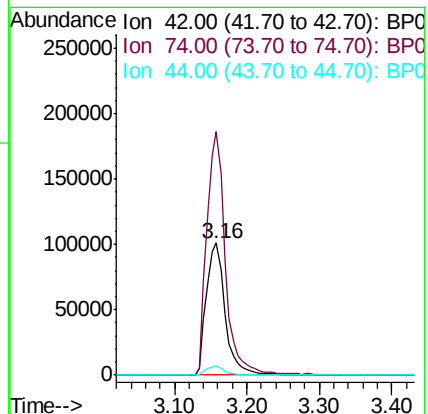
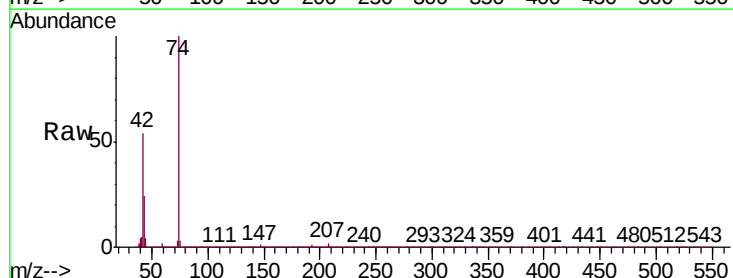
Tgt Ion: 42 Resp: 180745

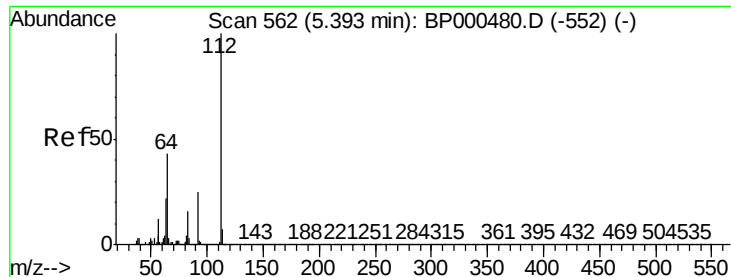
Ion Ratio Lower Upper

42 100

74 184.8 152.4 228.6

44 7.0 5.6 8.4





#5

2-Fluorophenol

Concen: 107.374 ng

RT: 5.39 min Scan# 561

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

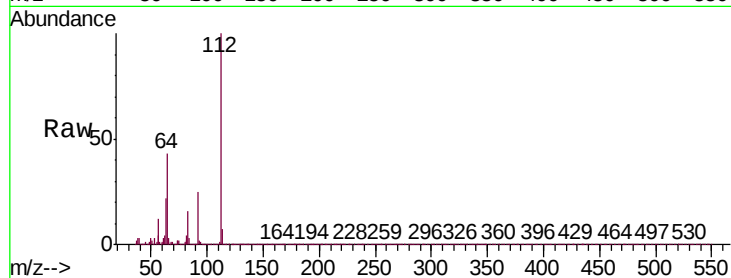
Tgt Ion: 112 Resp: 1549585

Ion Ratio Lower Upper

112 100

64 43.4 34.2 51.4

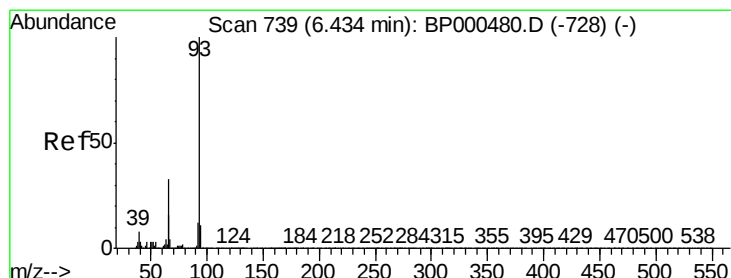
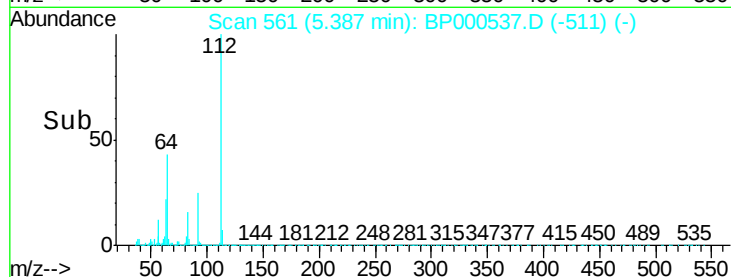
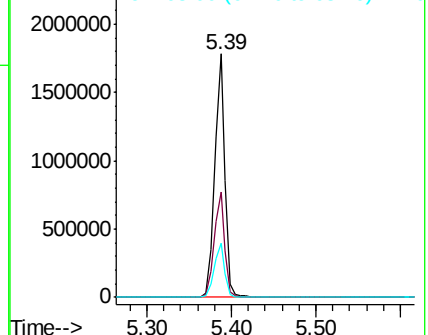
63 22.0 17.9 26.9



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: 32.906 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

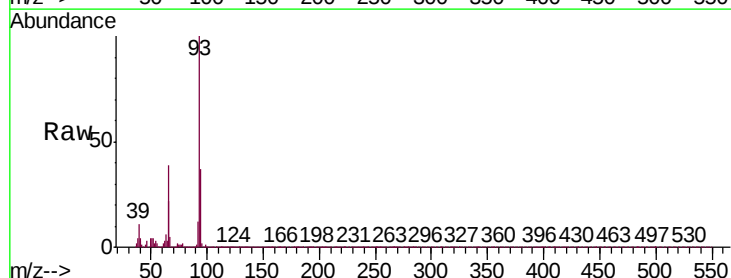
Tgt Ion: 93 Resp: 695237

Ion Ratio Lower Upper

93 100

66 39.2 26.3 39.5

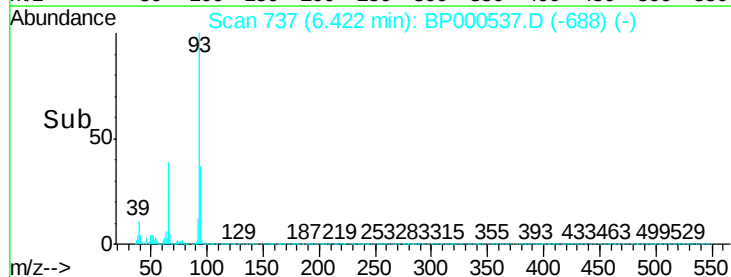
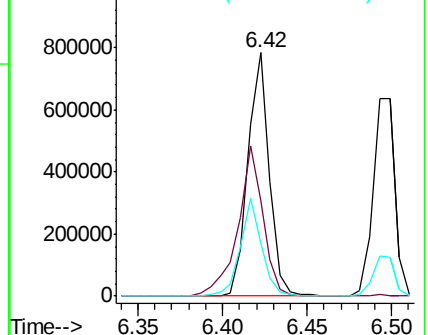
65 21.7 13.2 19.8#

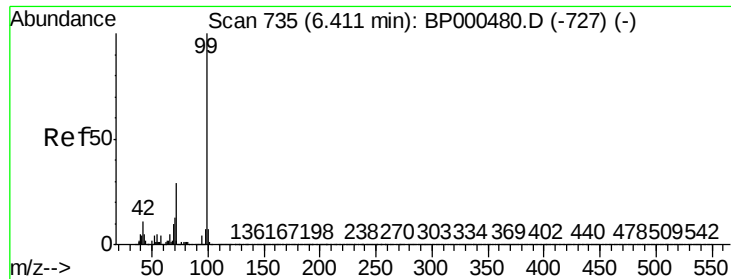


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 109.840 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

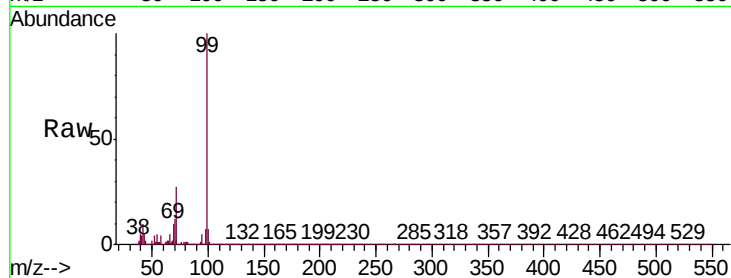
BNA_P

ClientSampleId :

PB123395BS

Tgt Ion: 99 Resp: 1910206

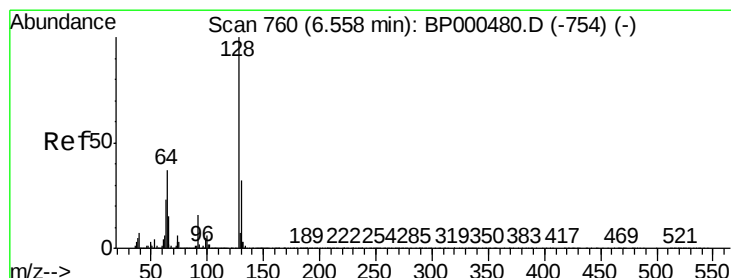
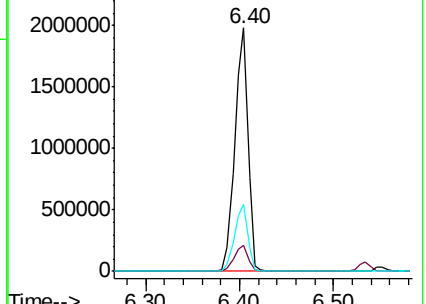
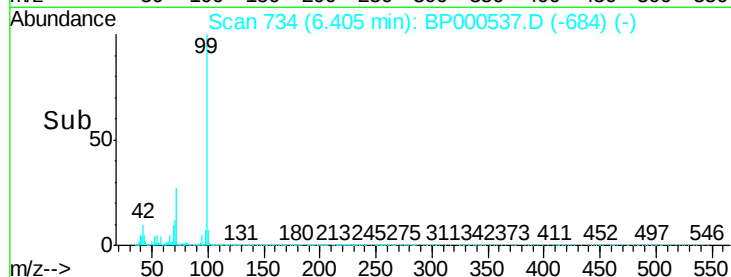
Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.6	12.8
71	27.4	23.0	34.4



Abundance Ion 99.00 (98.70 to 99.70): BPO

Ion 42.00 (41.70 to 42.70): BPO

Ion 71.00 (70.70 to 71.70): BPO



#8

2-Chlorophenol

Concen: 42.881 ng

RT: 6.55 min Scan# 759

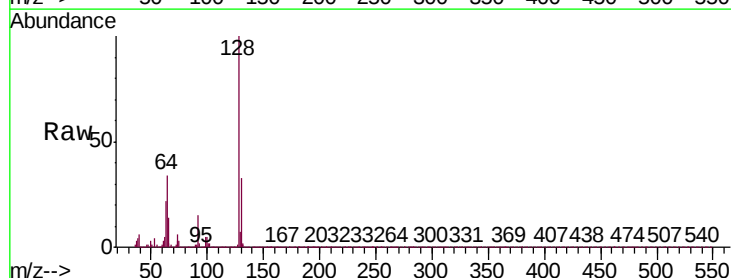
Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Tgt Ion: 128 Resp: 610756

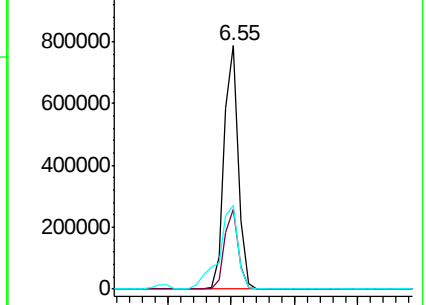
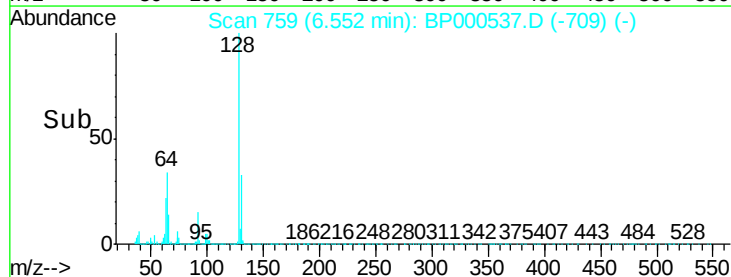
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.2	52.2
64	34.2	17.2	57.2

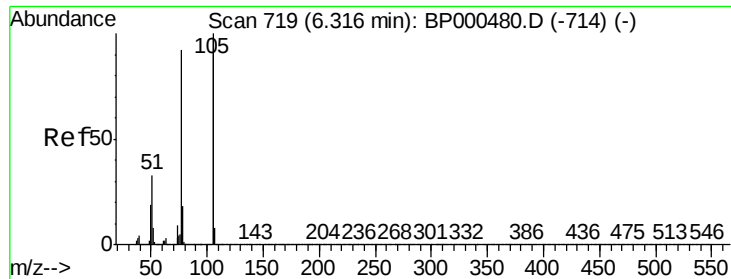


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BPO





#9

Benzaldehyde

Concen: 41.481 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

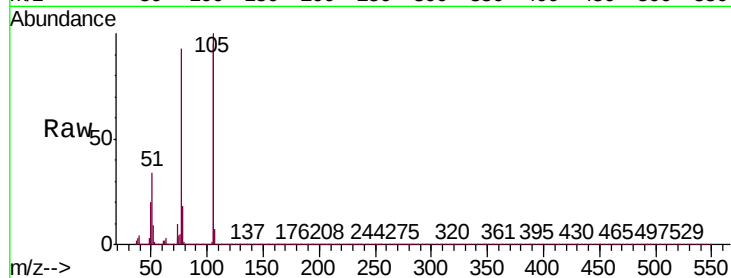
Tgt Ion: 77 Resp: 375755

Ion Ratio Lower Upper

77 100

105 107.8 88.3 128.3

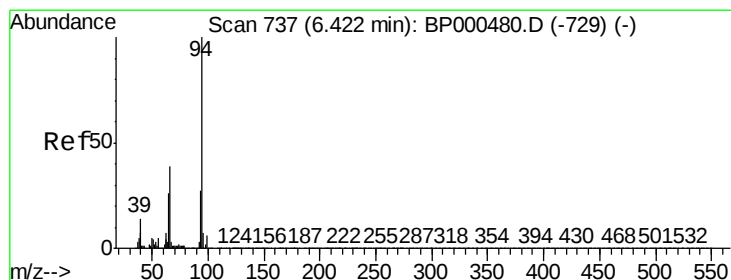
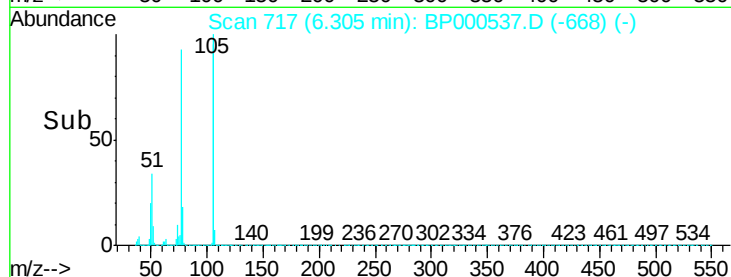
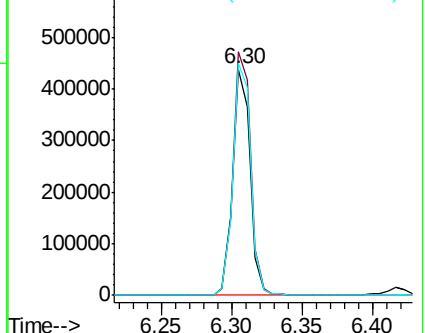
106 102.5 85.7 125.7



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.619 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

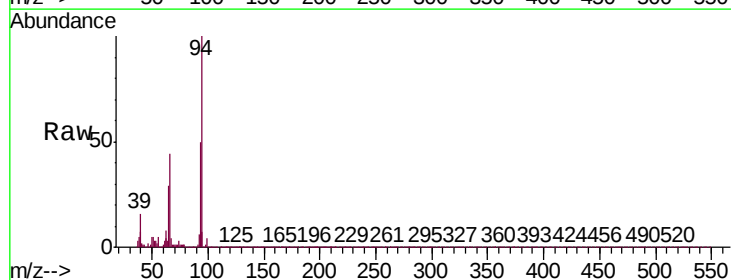
Tgt Ion: 94 Resp: 758873

Ion Ratio Lower Upper

94 100

65 28.7 5.9 45.9

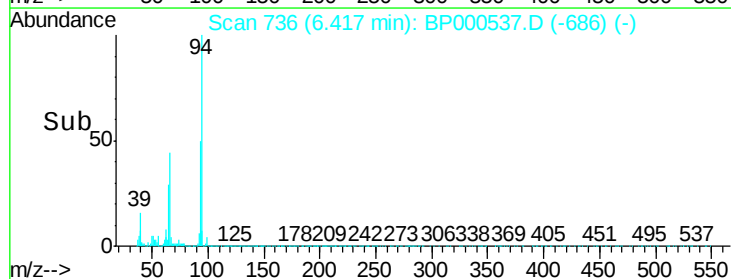
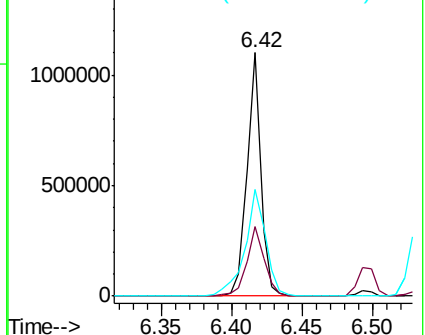
66 44.0 18.8 58.8

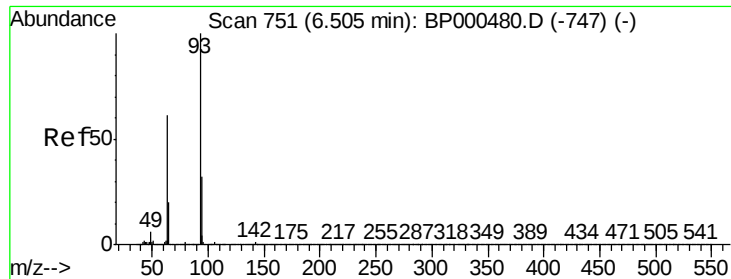


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

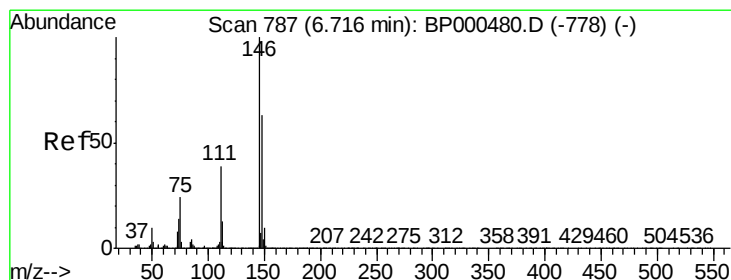
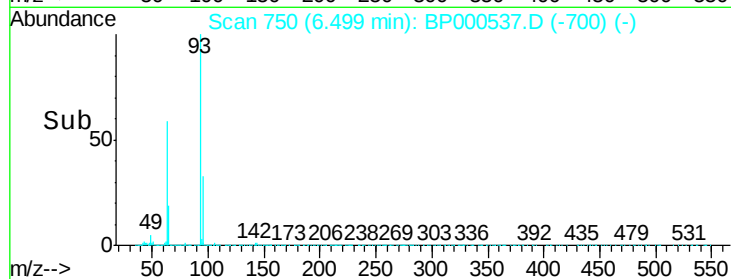
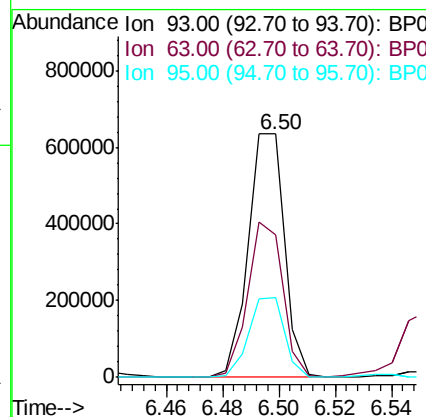
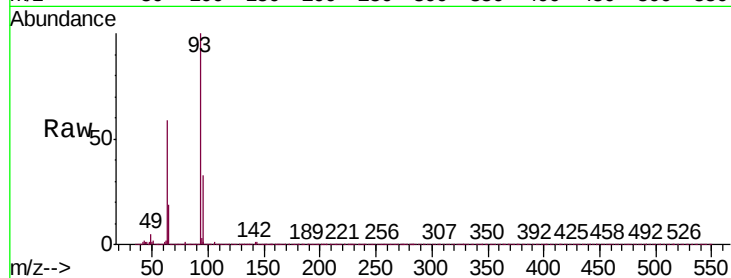




#11
bis(2-Chloroethyl)ether
Concen: 41.253 ng
RT: 6.50 min Scan# 750
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

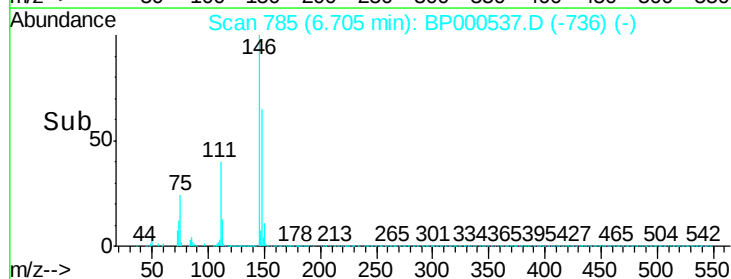
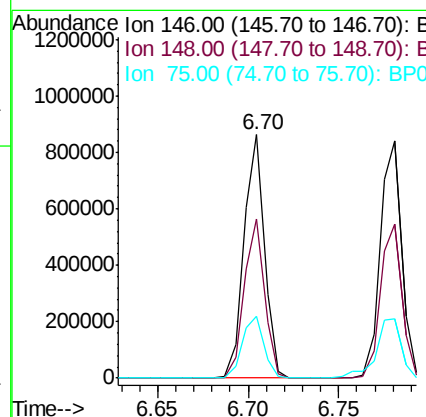
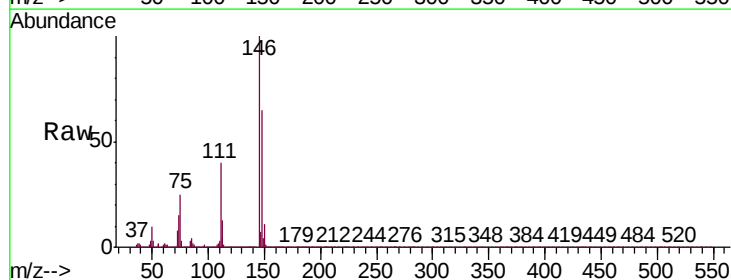
Instrument :
BNA_P
ClientSampleId :
PB123395BS

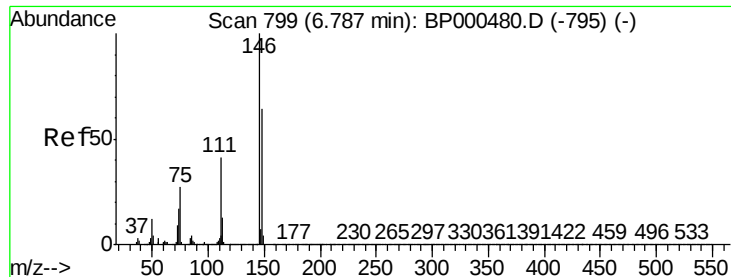
Tgt Ion	Ratio	Lower	Upper
93	100		
63	58.8	41.1	81.1
95	32.8	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 39.405 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.7	76.1
75	25.2	19.1	28.7





#13

1,4-Dichlorobenzene

Concen: 39.755 ng

RT: 6.78 min Scan# 798

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

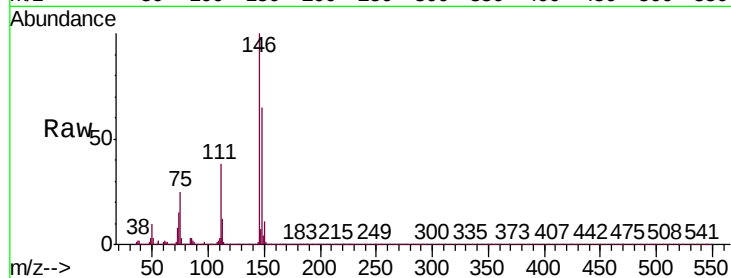
Tgt Ion:146 Resp: 690672

Ion Ratio Lower Upper

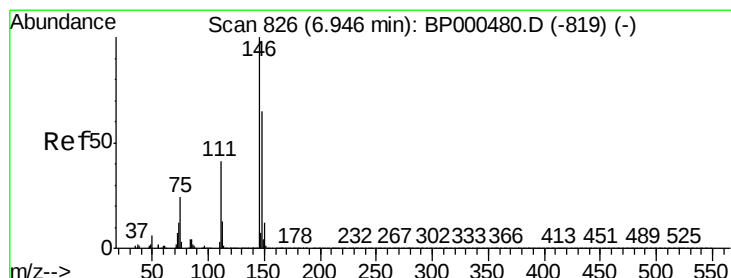
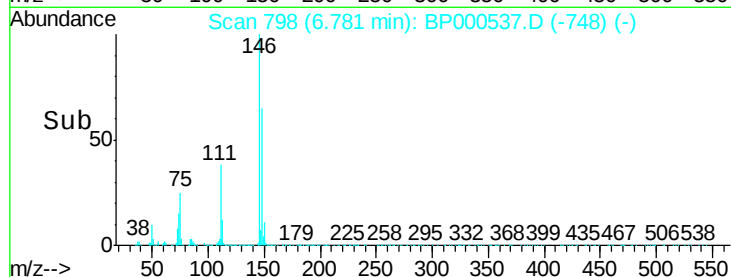
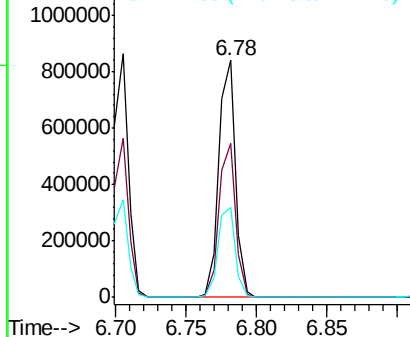
146 100

148 64.7 51.1 76.7

111 37.9 33.0 49.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.680 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

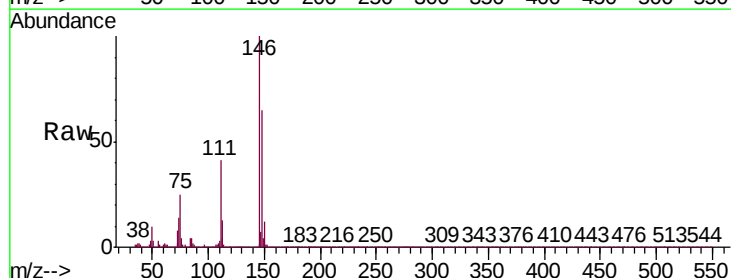
Tgt Ion:146 Resp: 652517

Ion Ratio Lower Upper

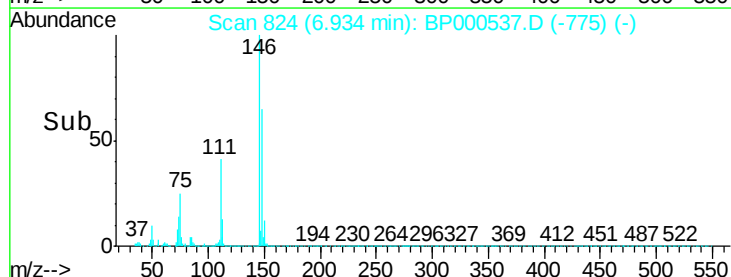
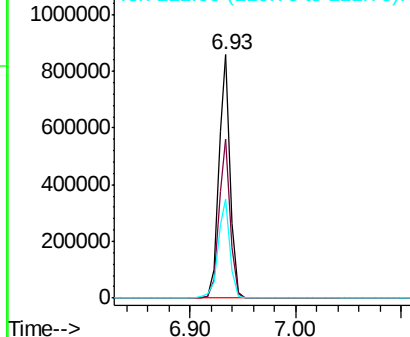
146 100

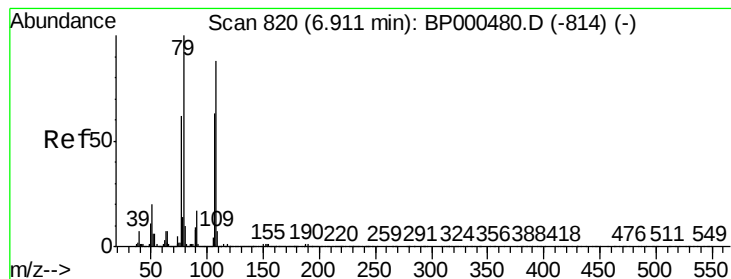
148 65.2 51.8 77.6

111 40.8 32.8 49.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.042 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

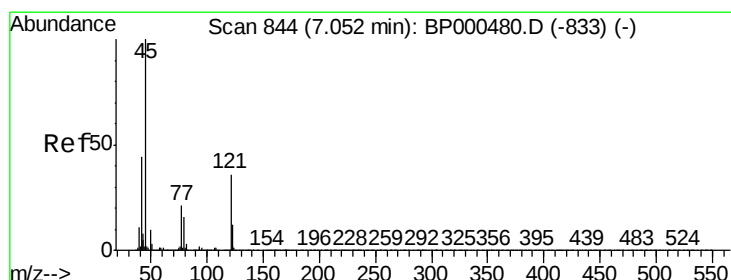
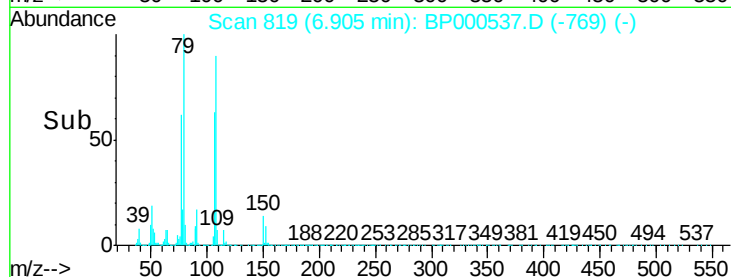
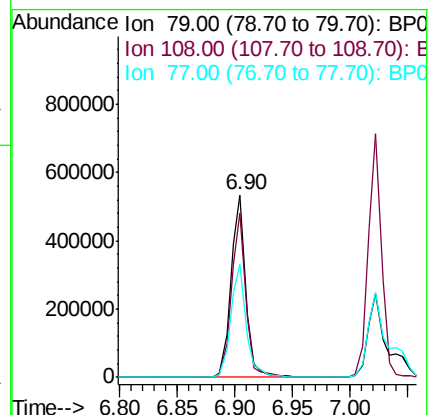
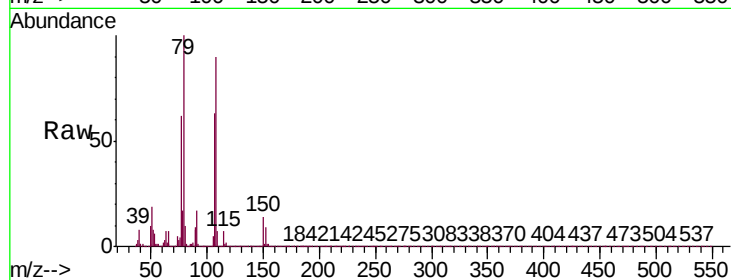
Tgt Ion: 79 Resp: 472182

Ion Ratio Lower Upper

79 100

108 90.1 70.8 106.2

77 62.3 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.440 ng

RT: 7.04 min Scan# 842

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

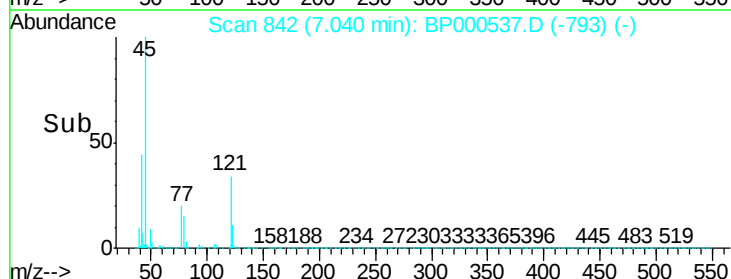
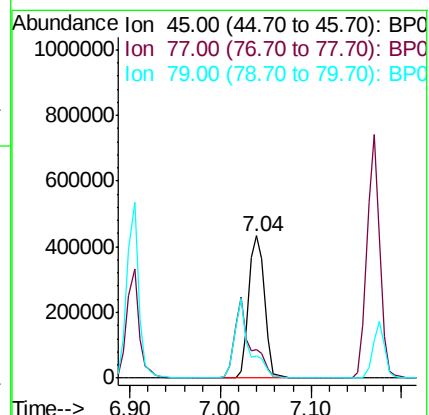
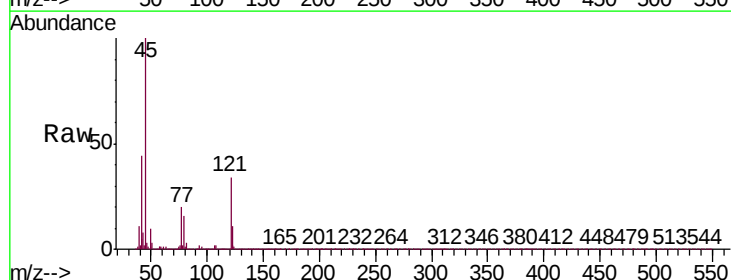
Tgt Ion: 45 Resp: 523649

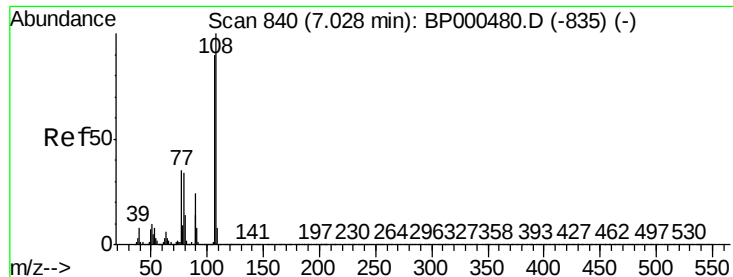
Ion Ratio Lower Upper

45 100

77 20.2 1.1 41.1

79 15.8 0.0 36.8

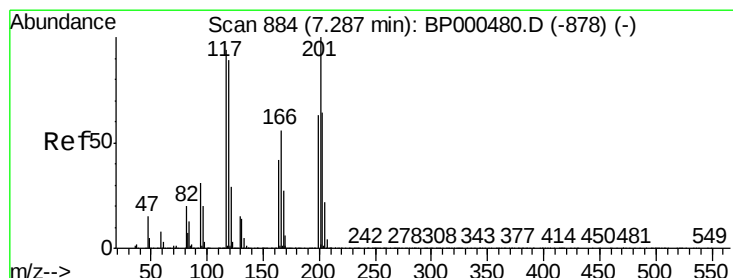
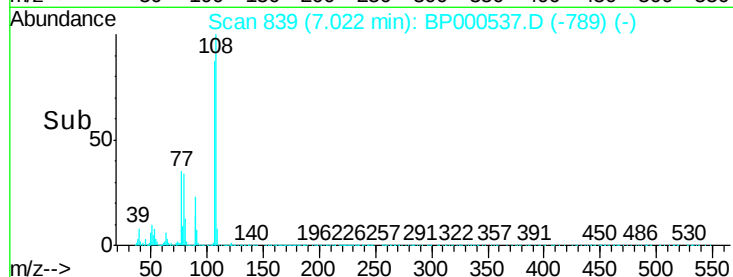
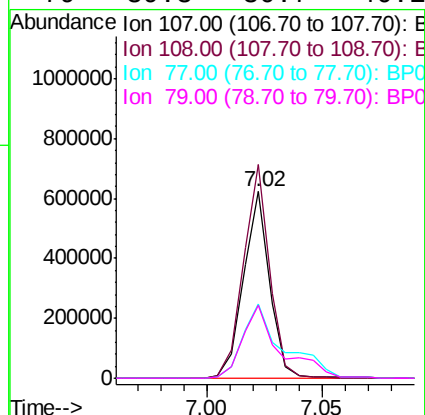
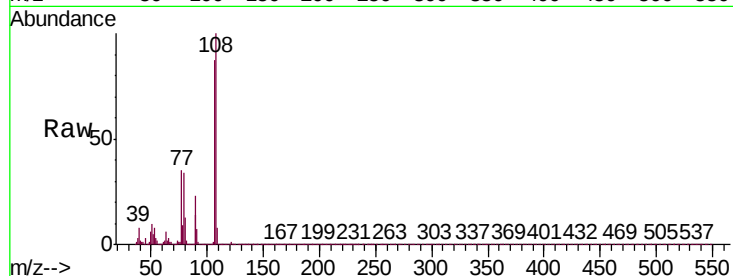




#17
2-Methylphenol
Concen: 41.630 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

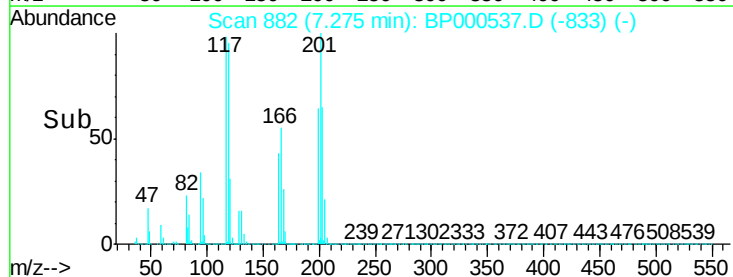
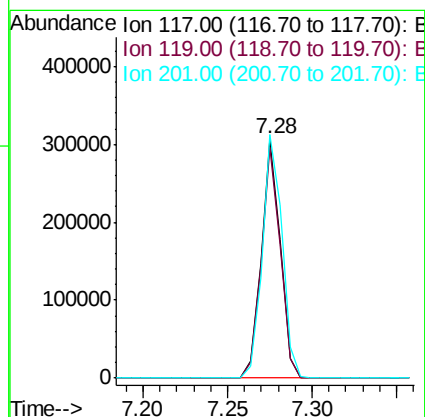
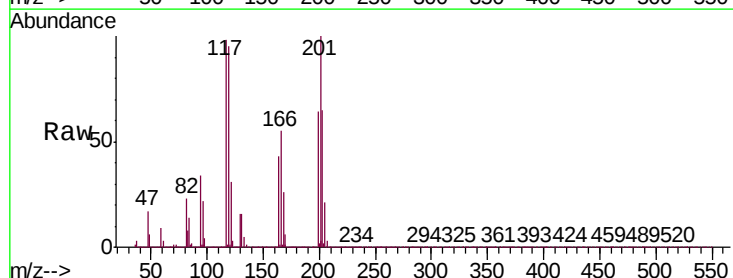
Instrument :
BNA_P
ClientSampleId :
PB123395BS

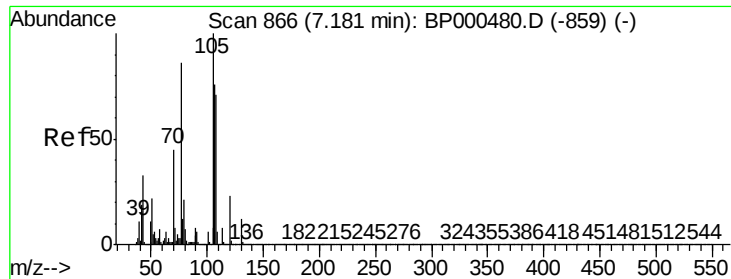
Tgt Ion:	107	Resp:	490020
Ion	Ratio	Lower	Upper
107	100		
108	114.7	89.0	133.4
77	40.0	31.2	46.8
79	39.3	30.7	46.1



#18
Hexachloroethane
Concen: 38.873 ng
RT: 7.28 min Scan# 882
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion:	117	Resp:	240363
Ion	Ratio	Lower	Upper
117	100		
119	96.4	76.3	114.5
201	101.9	85.4	128.0

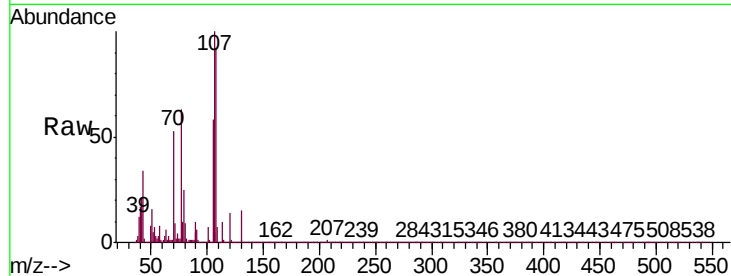




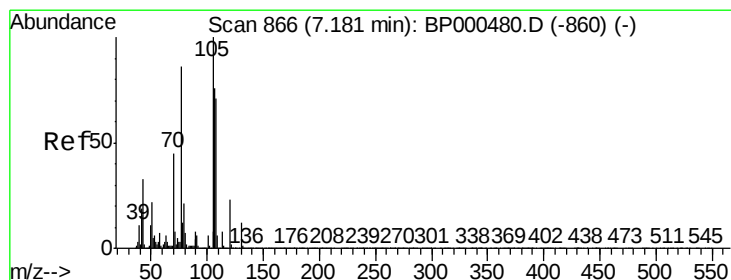
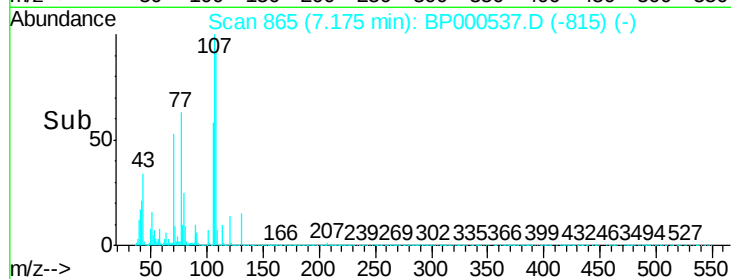
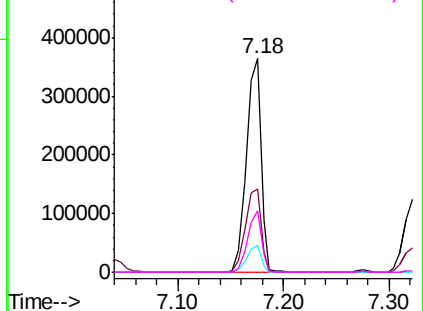
#19
n-Nitroso-di-n-propylamine
Concen: 43.353 ng
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Instrument :
BNA_P
ClientSampleId :
PB123395BS

Tgt Ion:	70	Resp:	347523
Ion	Ratio	Lower	Upper
70	100		
42	38.8	33.2	49.8
101	12.4	9.9	14.9
130	28.6	21.8	32.8

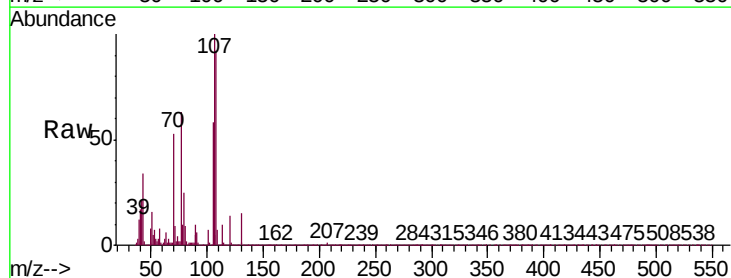


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

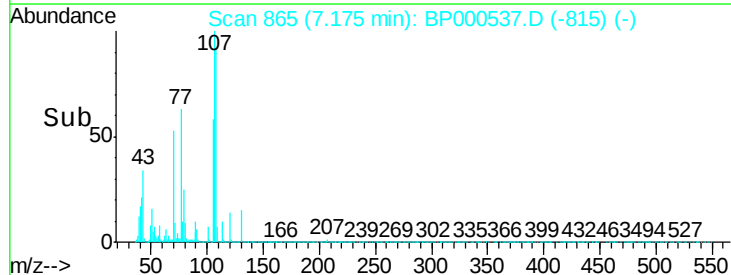
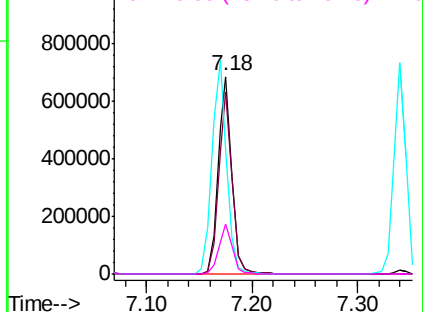


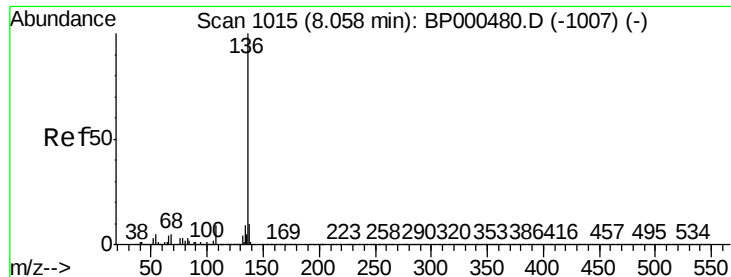
#20
3+4-Methylphenols
Concen: 45.390 ng
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion:	107	Resp:	625177
Ion	Ratio	Lower	Upper
107	100		
108	91.9	72.6	112.6
77	62.6	93.3	133.3#
79	25.5	7.1	47.1



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: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

Tgt Ion:136 Resp: 888441

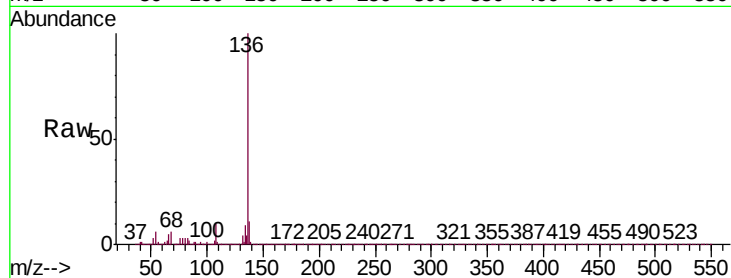
Ion Ratio Lower Upper

136 100

137 11.0 8.2 12.4

54 5.8 4.1 6.1

68 5.5 4.1 6.1

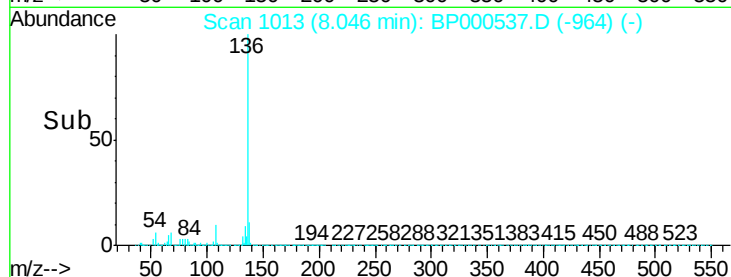


Abundance Ion 136.00 (135.70 to 136.70): E

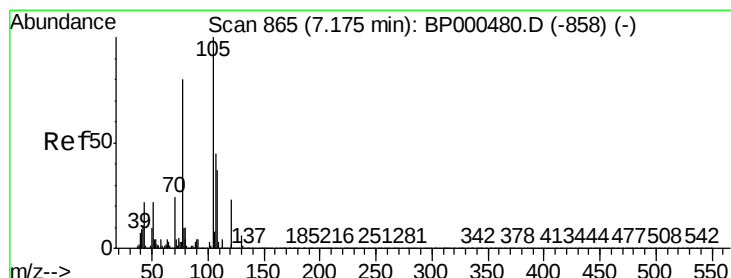
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



Time-->



#22

Acetophenone

Concen: 39.885 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Tgt Ion:105 Resp: 818780

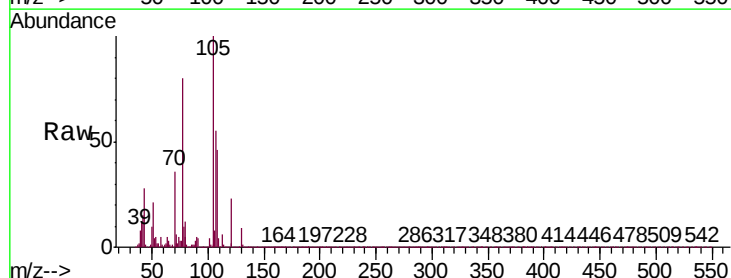
Ion Ratio Lower Upper

105 100

71 6.1 3.3 4.9#

51 20.6 17.4 26.2

120 23.5 18.0 27.0

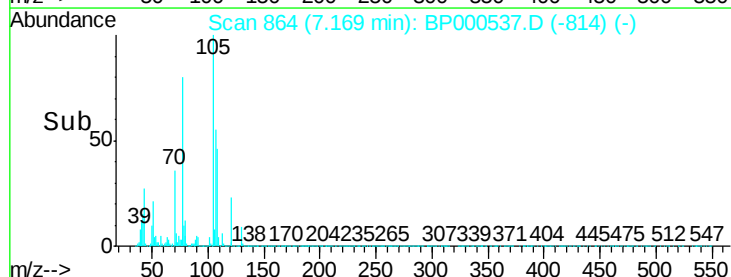


Abundance Ion 105.00 (104.70 to 105.70): E

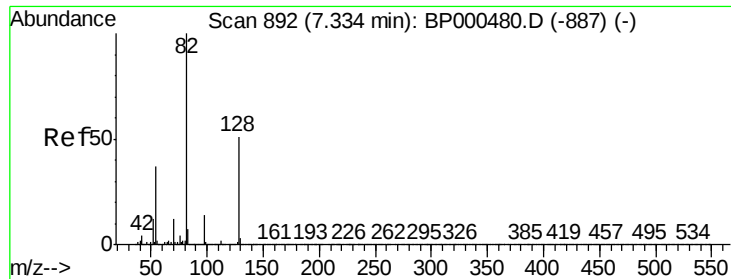
Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E



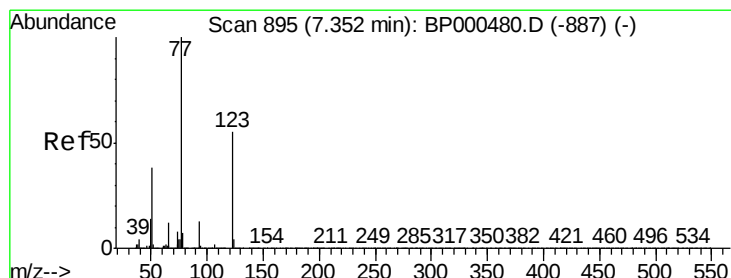
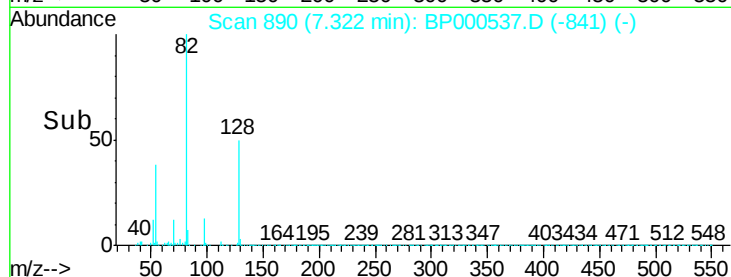
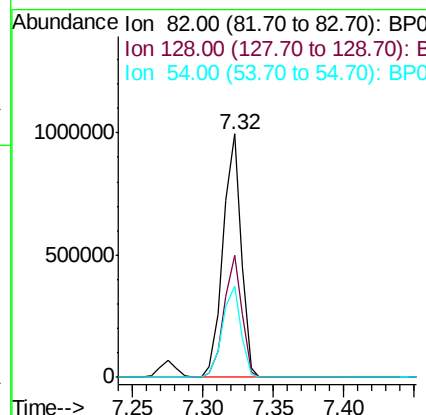
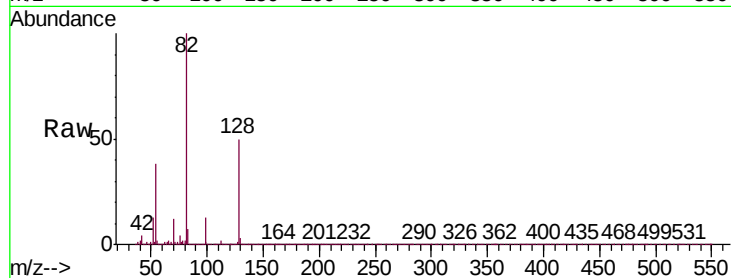
Time-->



#23
Nitrobenzene-d5
Concen: 61.159 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

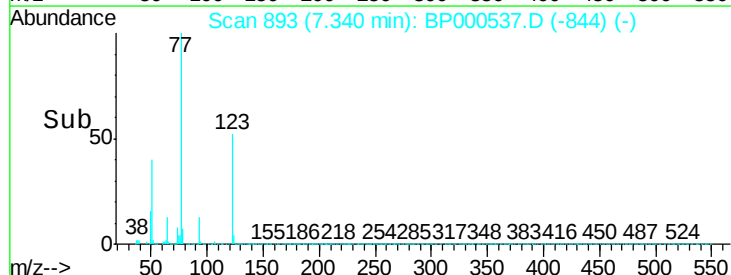
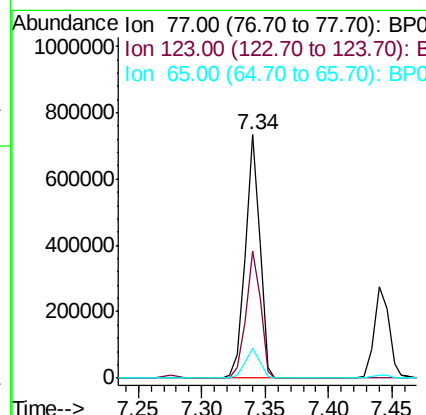
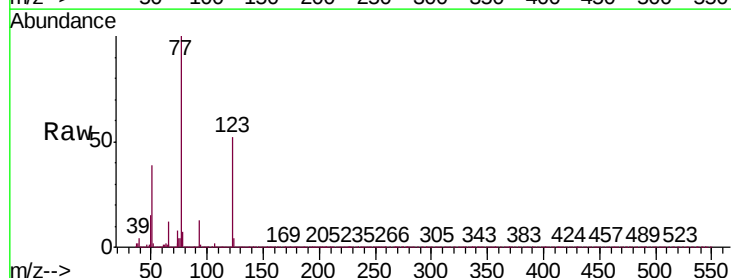
Instrument :
BNA_P
ClientSampleId :
PB123395BS

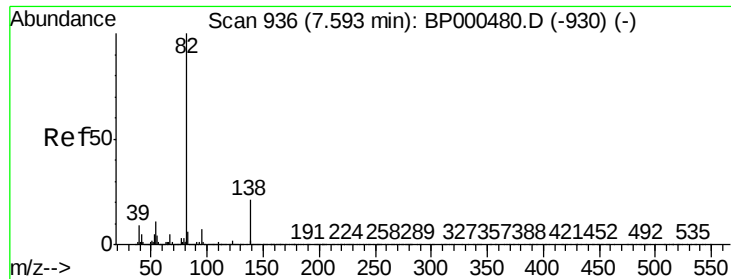
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.9	61.3
54	37.6	29.4	44.2



#24
Nitrobenzene
Concen: 40.675 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.4	44.1	66.1
65	12.1	9.7	14.5





#25

Isophorone

Concen: 41.727 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

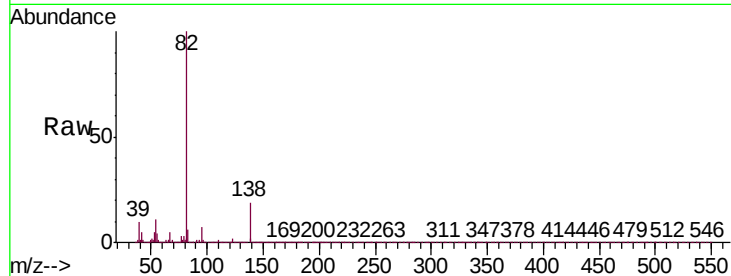
Tgt Ion: 82 Resp: 1077279

Ion Ratio Lower Upper

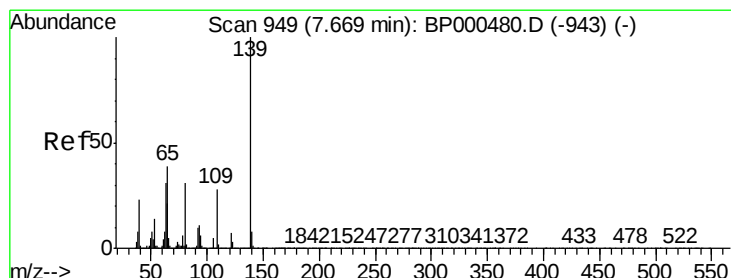
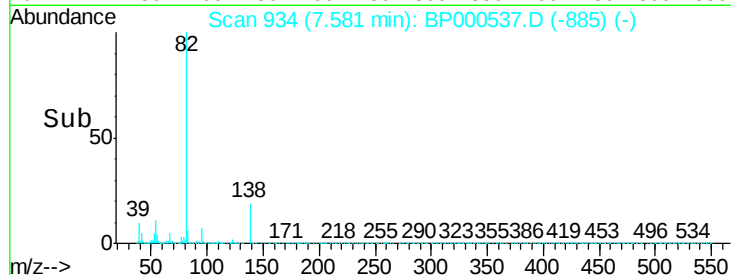
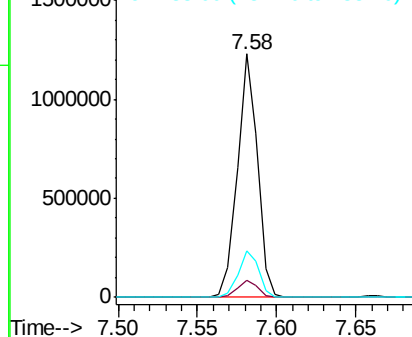
82 100

95 7.1 5.8 8.6

138 19.2 17.0 25.4



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 41.653 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

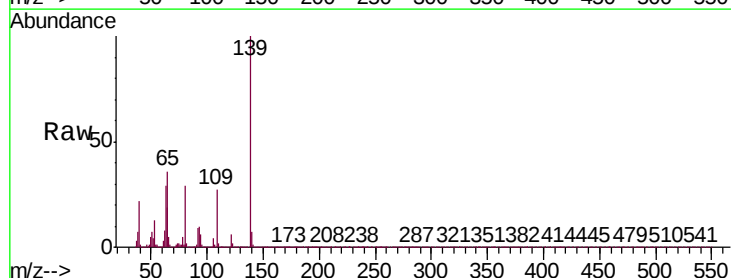
Tgt Ion: 139 Resp: 307314

Ion Ratio Lower Upper

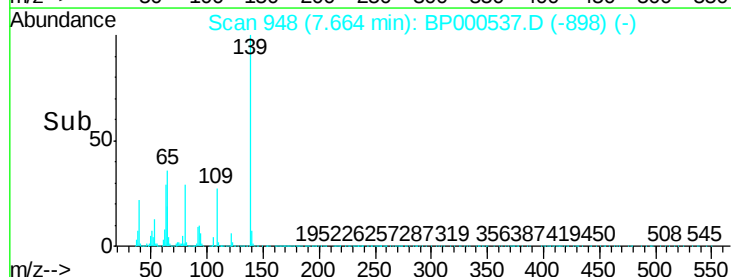
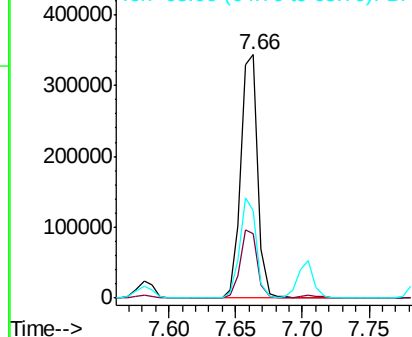
139 100

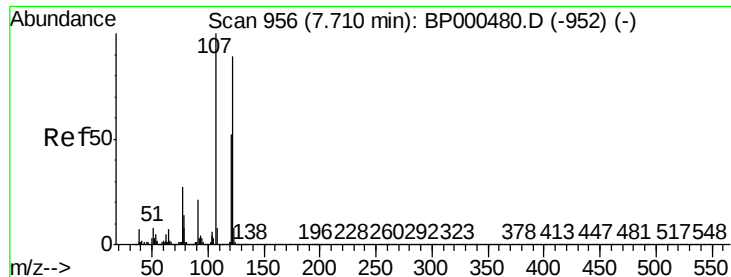
109 26.7 22.8 34.2

65 35.7 31.5 47.3



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0

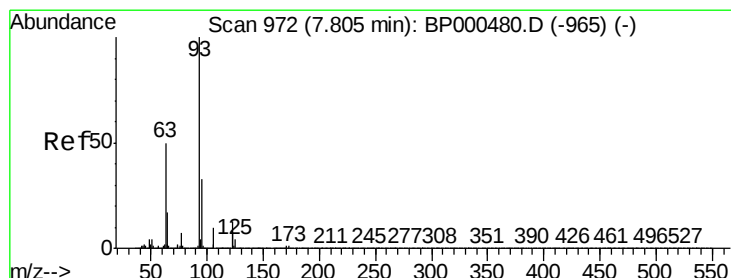
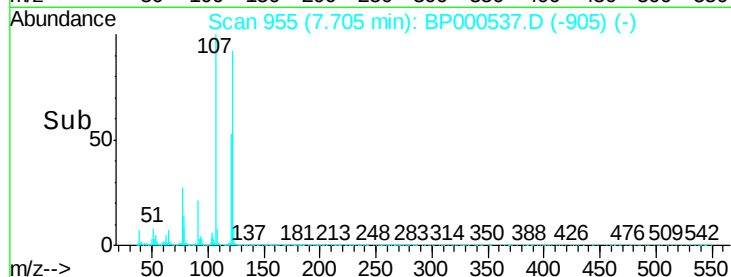
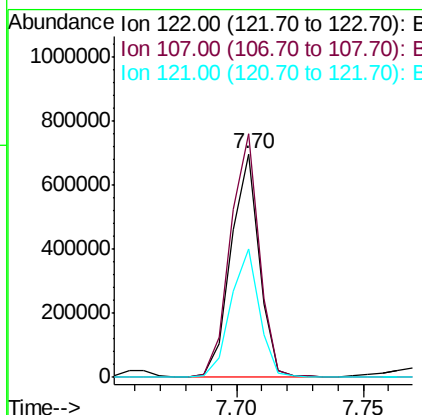
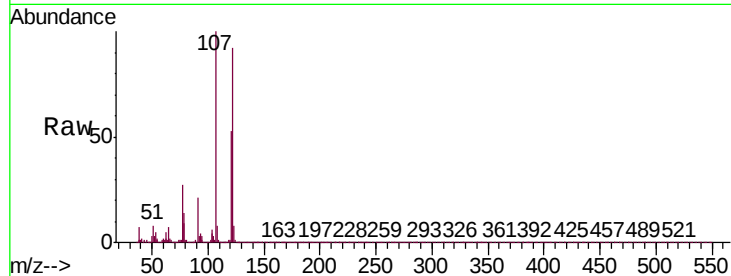




#27
2,4-Dimethylphenol
Concen: 47.891 ng
RT: 7.70 min Scan# 955
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

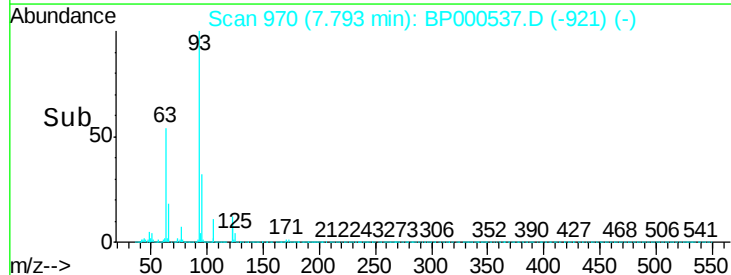
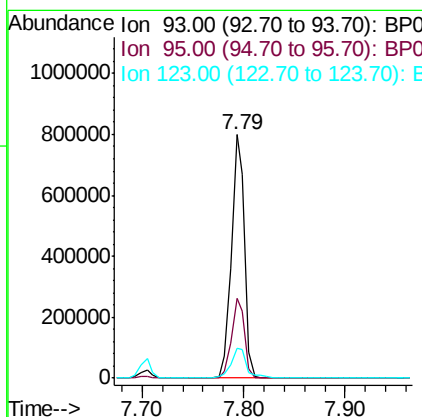
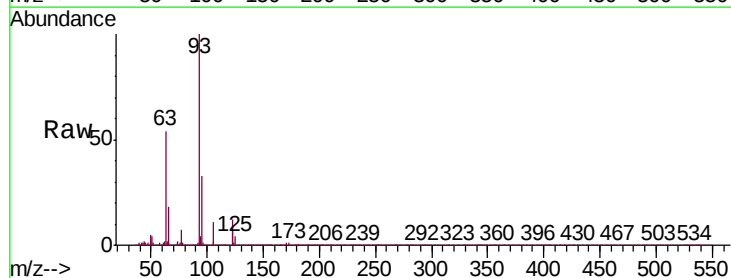
Instrument :
BNA_P
ClientSampleId :
PB123395BS

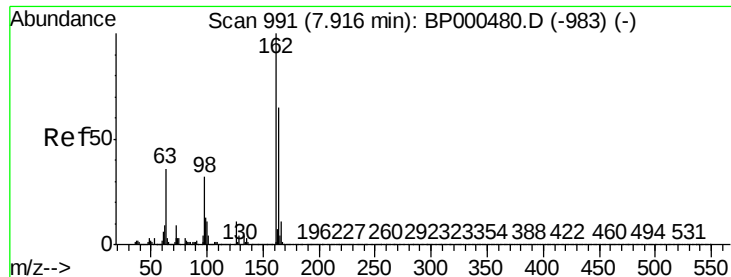
Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.9	89.9	134.9
121	57.7	46.6	70.0



#28
bis(2-Chloroethoxy)methane
Concen: 40.344 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.2
123	12.5	10.2	15.2

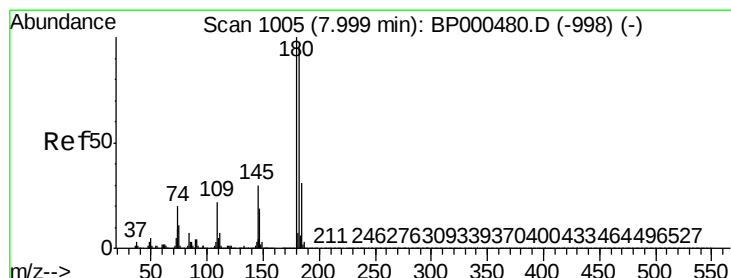
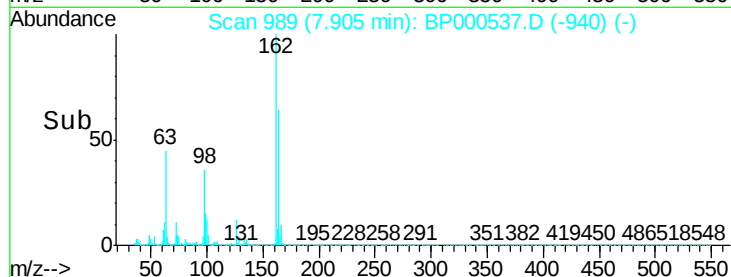
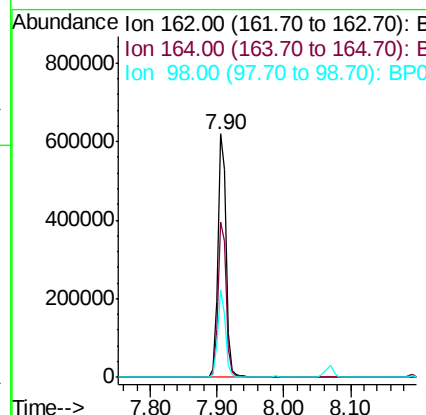
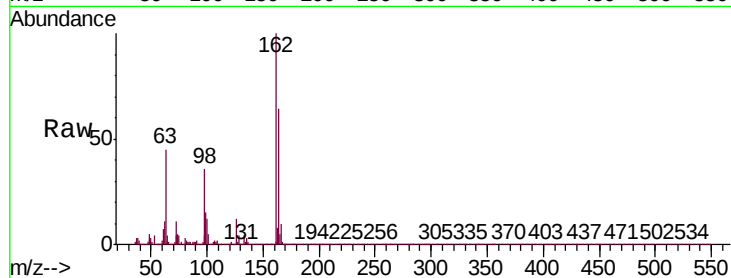




#29
2,4-Dichlorophenol
Concen: 42.222 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

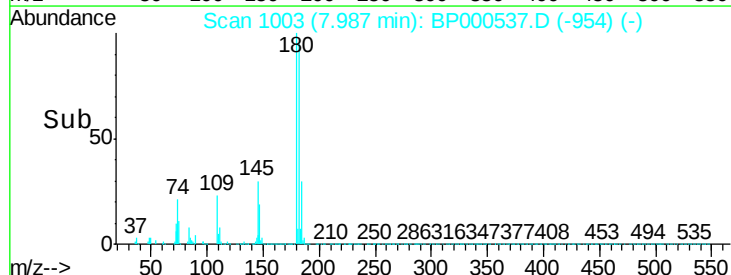
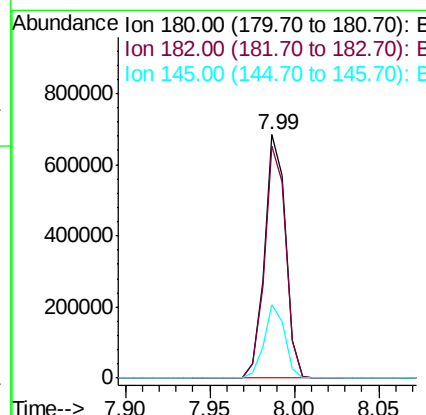
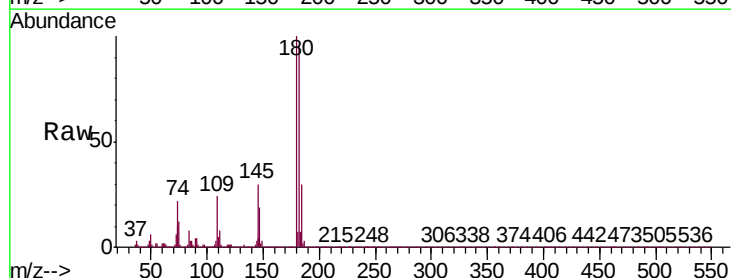
Instrument :
BNA_P
ClientSampleId :
PB123395BS

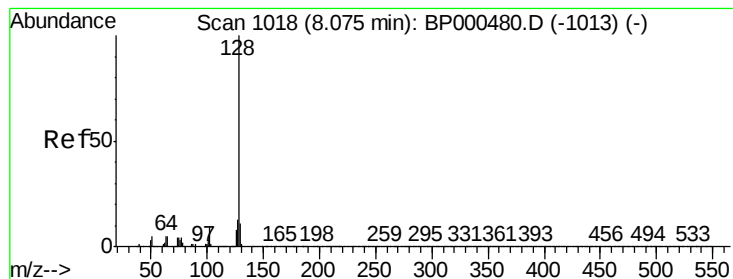
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	36.1	11.6	51.6



#30
1,2,4-Trichlorobenzene
Concen: 39.490 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.2	114.4
145	30.2	23.6	35.4





#31

Naphthalene

Concen: 42.065 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

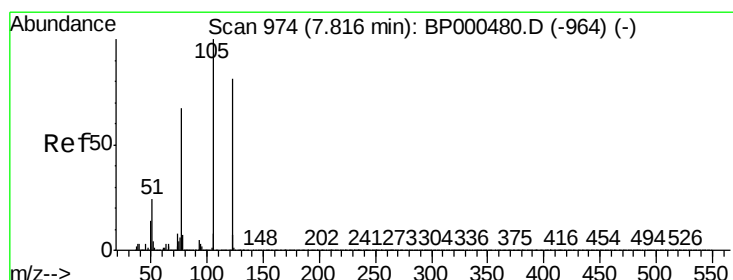
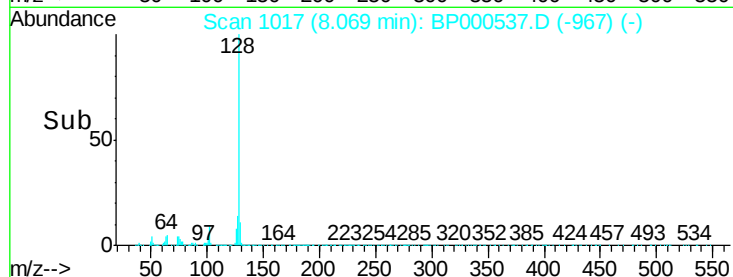
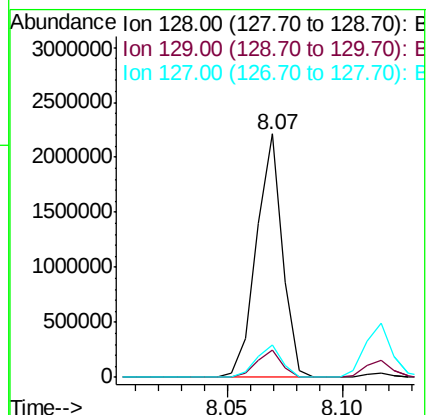
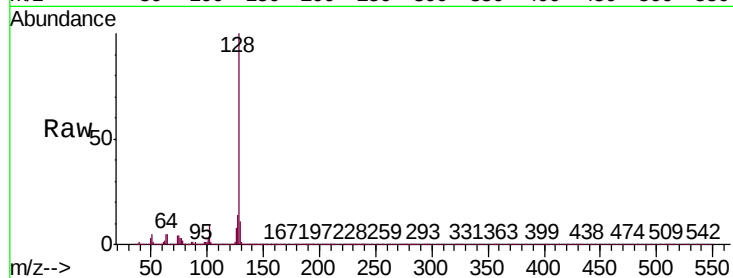
Tgt Ion:128 Resp: 1745433

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.5 10.5 15.7



#32

Benzoic acid

Concen: 39.715 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

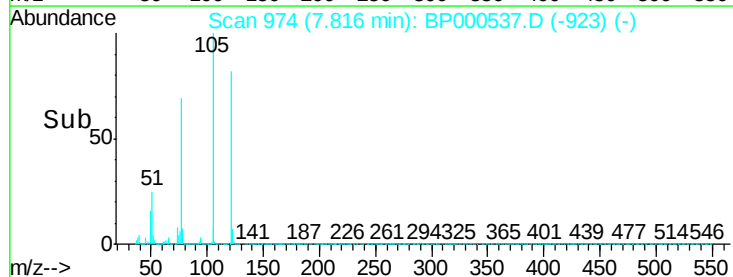
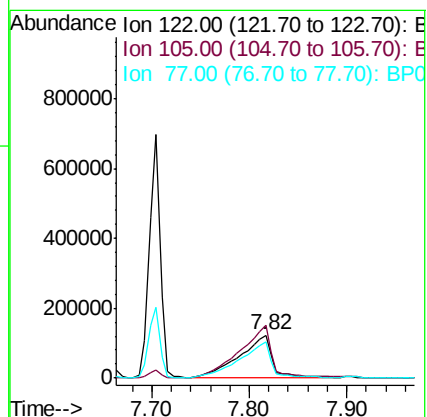
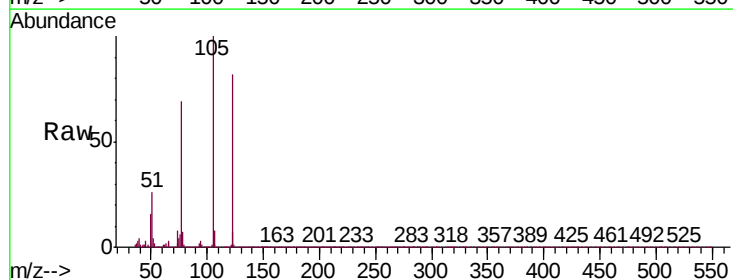
Tgt Ion:122 Resp: 283615

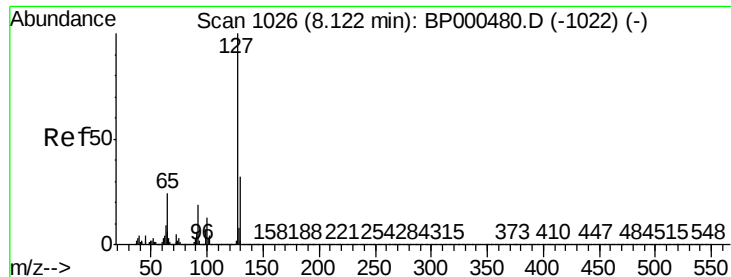
Ion Ratio Lower Upper

122 100

105 121.5 101.4 141.4

77 84.4 62.1 102.1

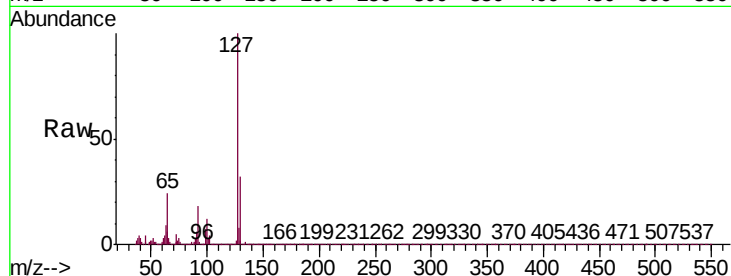




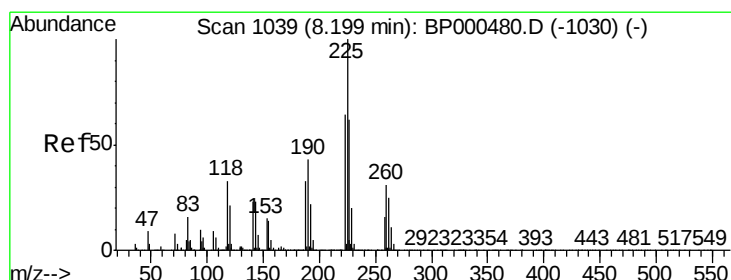
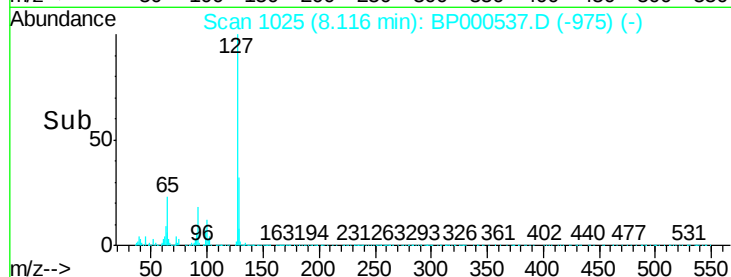
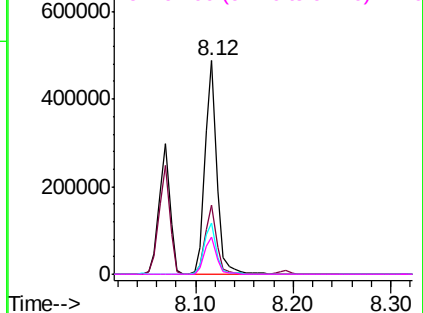
#33
4-Chloroaniline
Concen: 22.438 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Instrument :
BNA_P
ClientSampleId :
PB123395BS

Tgt Ion:	127	Resp:	408799
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.6	38.4
65	23.8	19.2	28.8
92	17.6	14.9	22.3

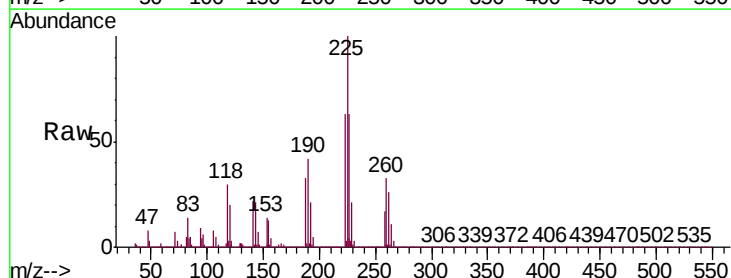


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

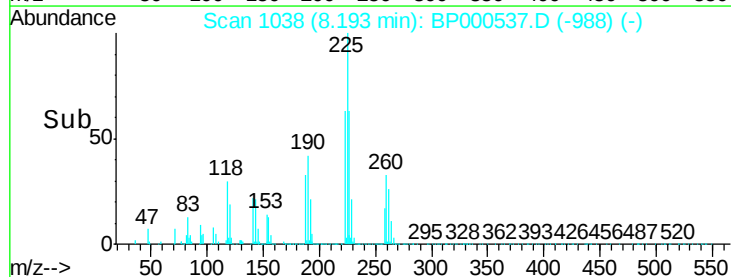
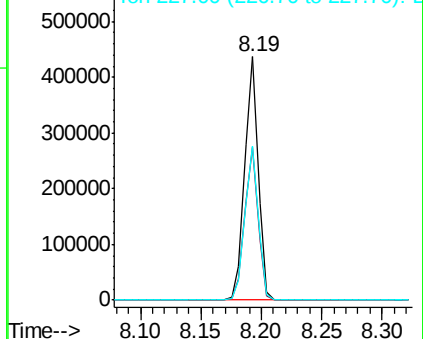


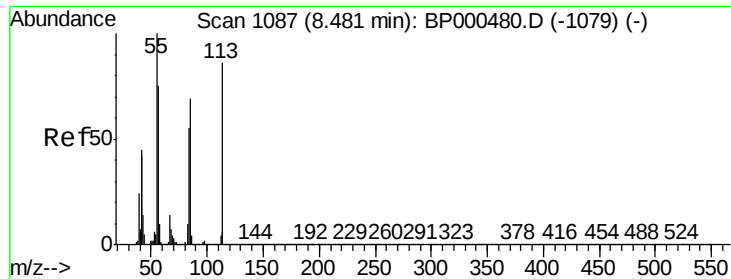
#34
Hexachlorobutadiene
Concen: 37.754 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion:	225	Resp:	342657
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.0
227	63.2	49.7	74.5



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

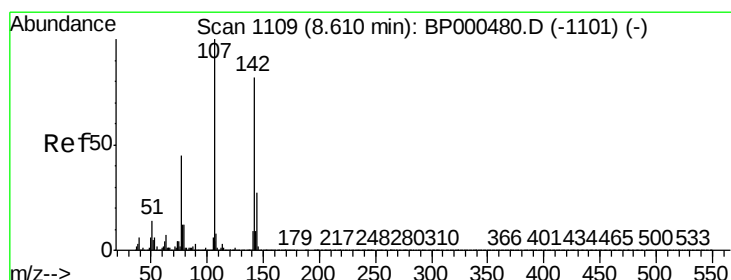
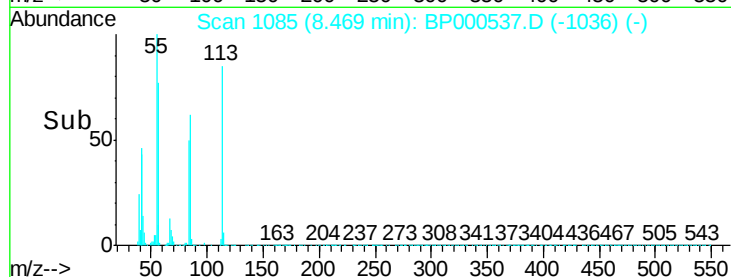
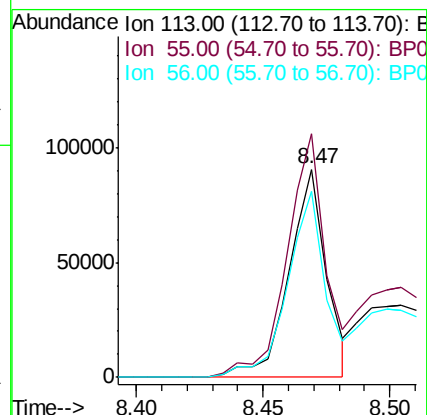
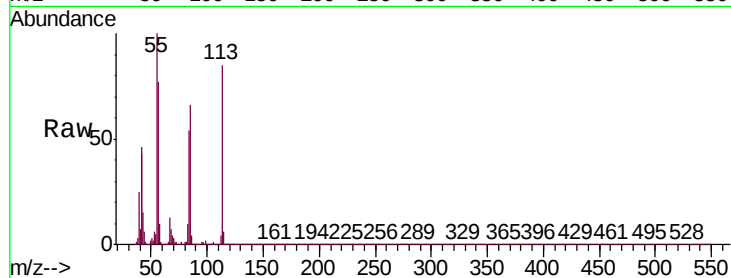




#35
 Caprolactam
 Concen: 21.796 ng
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BP000537.D
 Acq: 07 Oct 2019 12:39

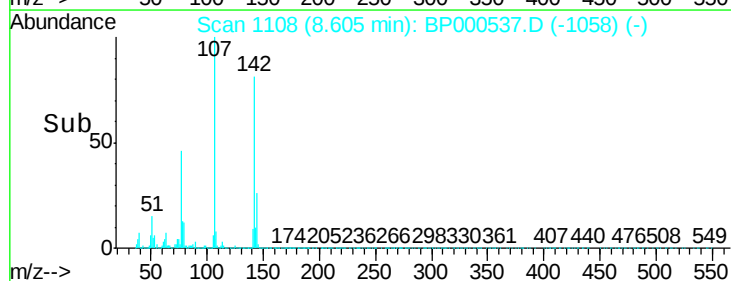
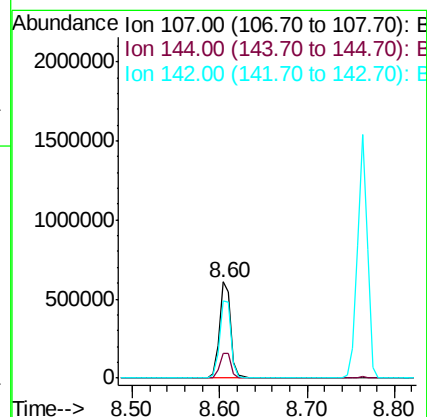
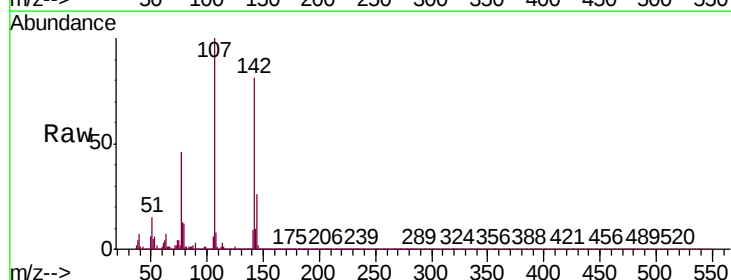
Instrument :
 BNA_P
 ClientSampleId :
 PB123395BS

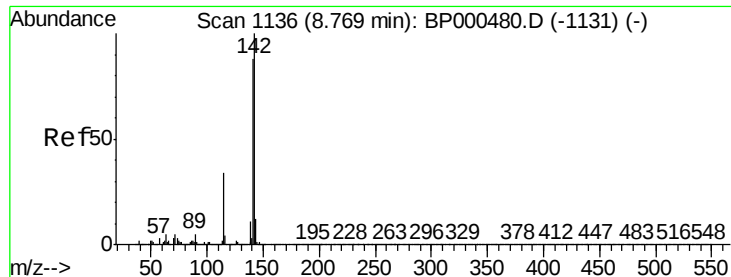
Tgt Ion:113 Resp: 93354
 Ion Ratio Lower Upper
 113 100
 55 117.2 95.9 135.9
 56 89.8 67.2 107.2



#36
 4-Chloro-3-methylphenol
 Concen: 42.822 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BP000537.D
 Acq: 07 Oct 2019 12:39

Tgt Ion:107 Resp: 536325
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.8 32.8
 142 80.6 65.5 98.3

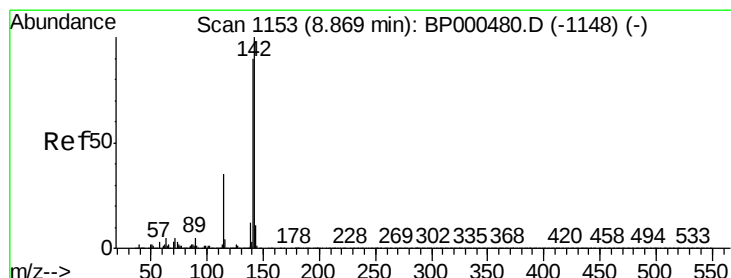
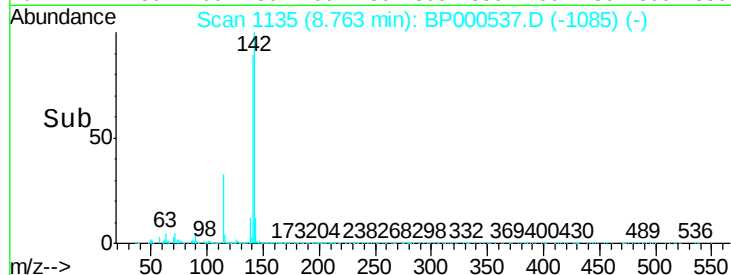
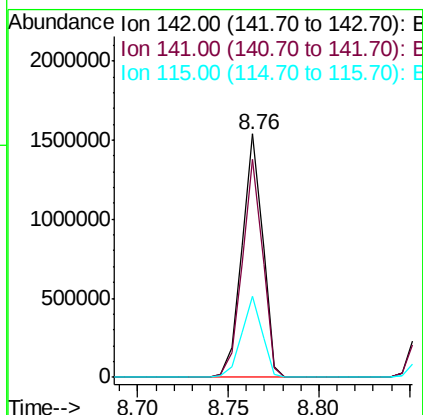
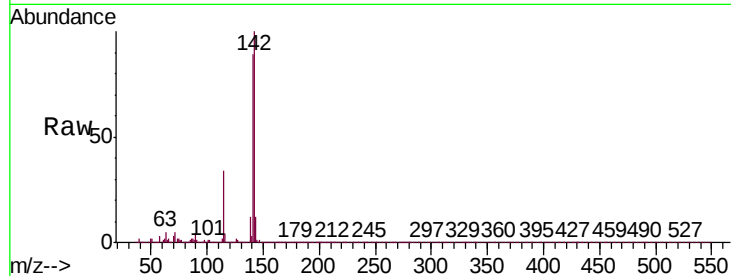




#37
2-Methylnaphthalene
Concen: 44.064 ng
RT: 8.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

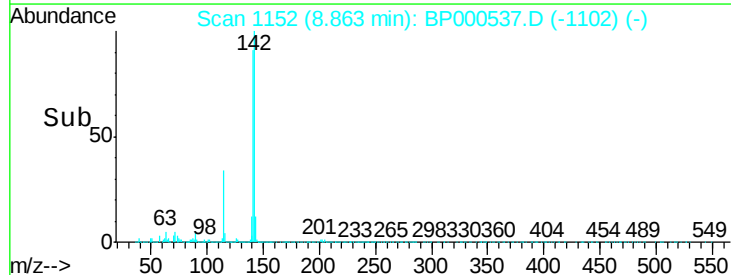
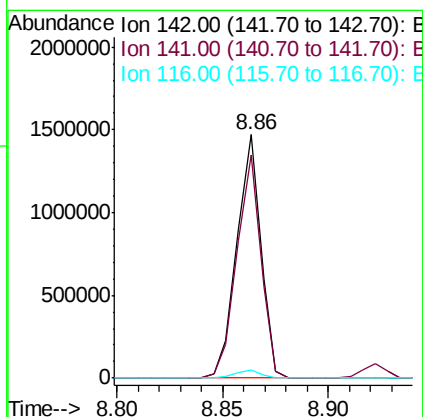
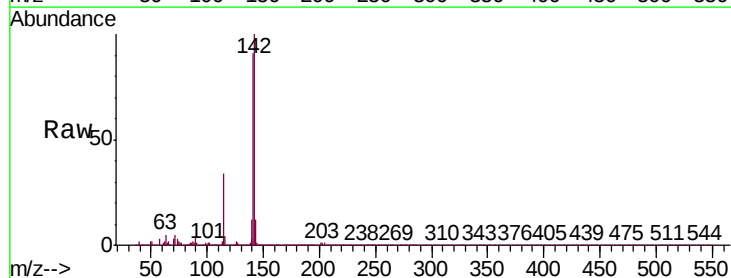
Instrument :
BNA_P
ClientSampleId :
PB123395BS

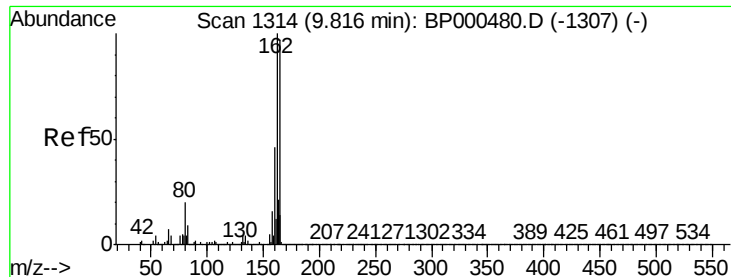
Tgt Ion:142 Resp: 1227404
Ion Ratio Lower Upper
142 100
141 89.3 70.6 106.0
115 33.5 27.4 41.0



#38
1-Methylnaphthalene
Concen: 43.839 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion:142 Resp: 1153825
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9
116 3.5 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

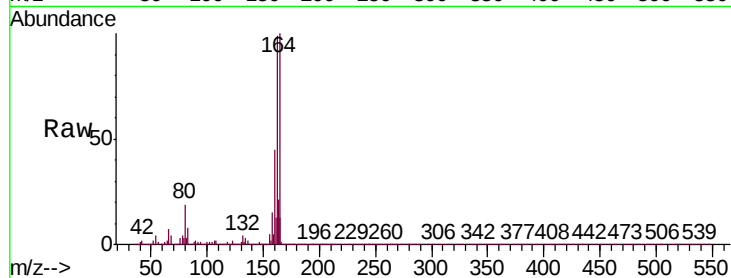
Tgt Ion:164 Resp: 505944

Ion Ratio Lower Upper

164 100

162 99.3 82.2 123.2

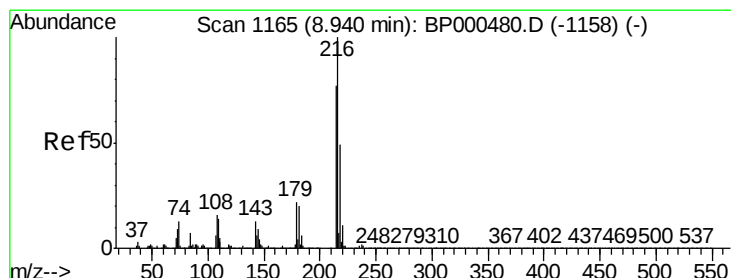
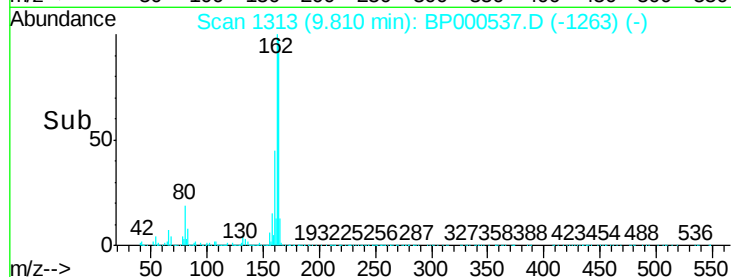
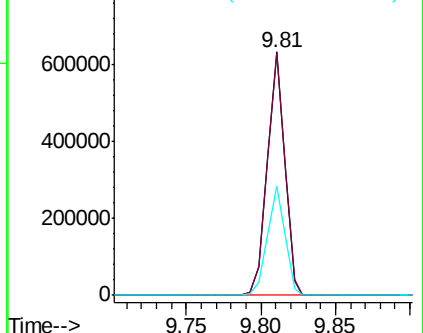
160 44.7 37.6 56.4



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: 37.732 ng

RT: 8.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Tgt Ion:216 Resp: 604239

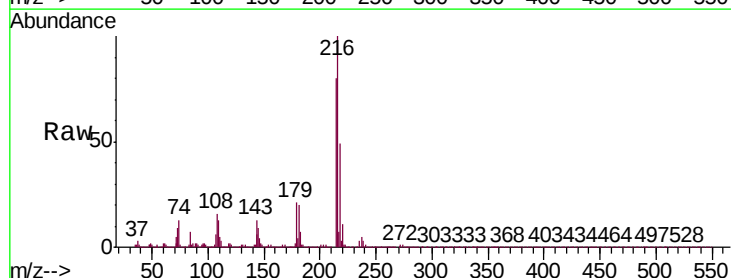
Ion Ratio Lower Upper

216 100

214 79.4 62.7 94.1

179 21.0 16.7 25.1

108 19.2 13.7 20.5

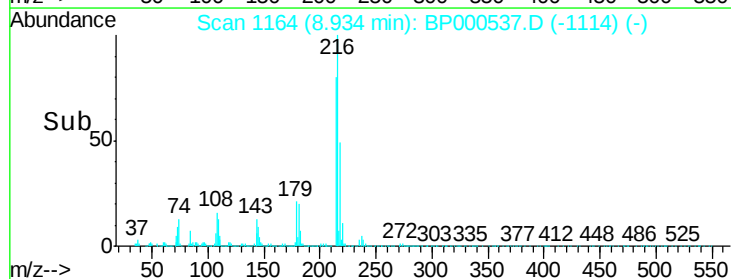
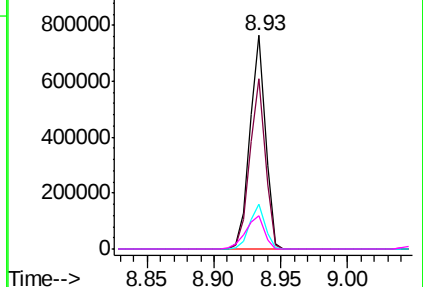


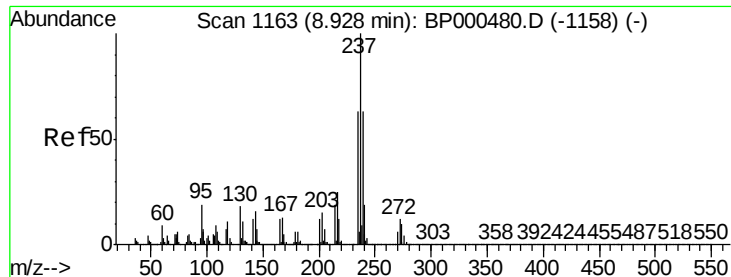
Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.951 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

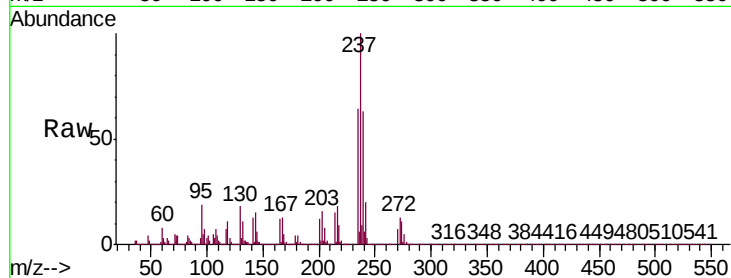
Tgt Ion: 237 Resp: 547720

Ion Ratio Lower Upper

237 100

235 64.2 42.9 82.9

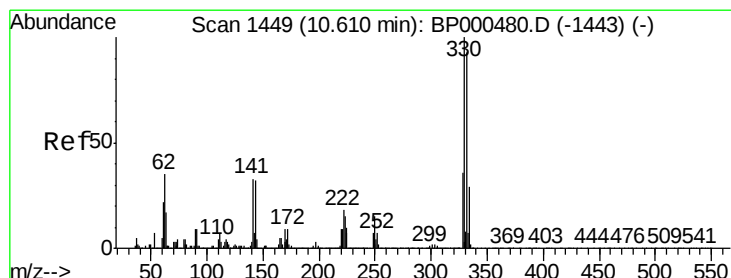
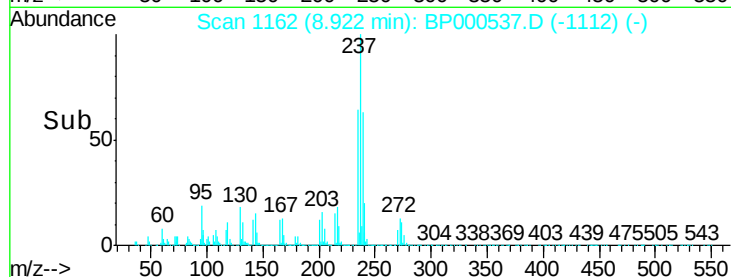
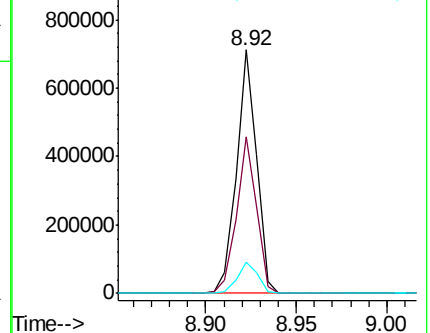
272 13.0 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 114.281 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

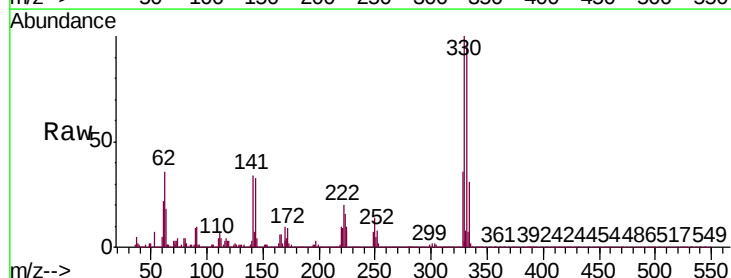
Tgt Ion: 330 Resp: 616140

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

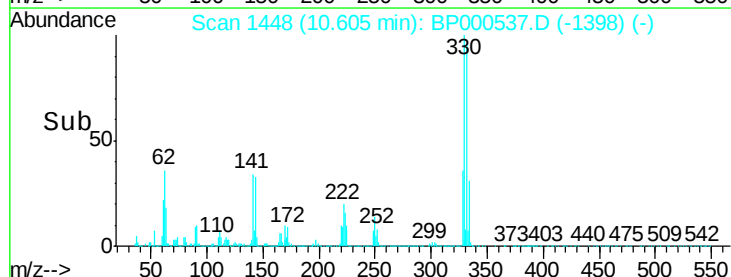
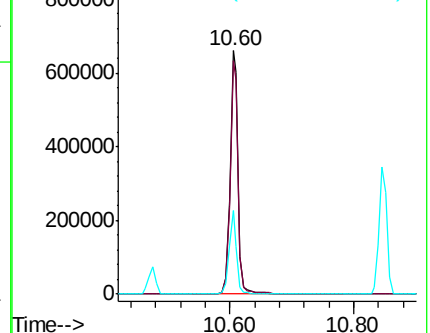
141 31.7 26.0 39.0

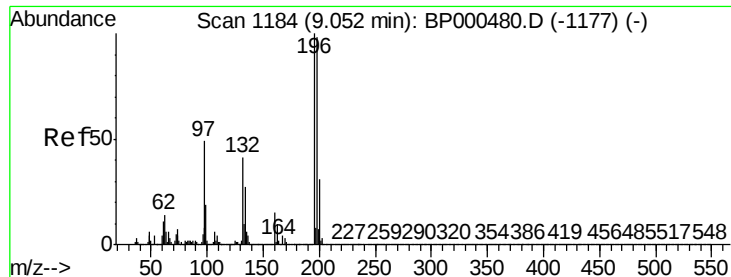


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

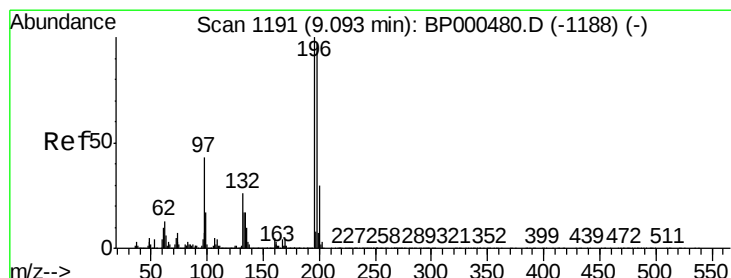
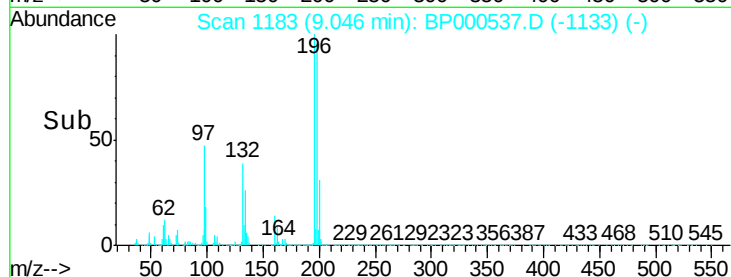
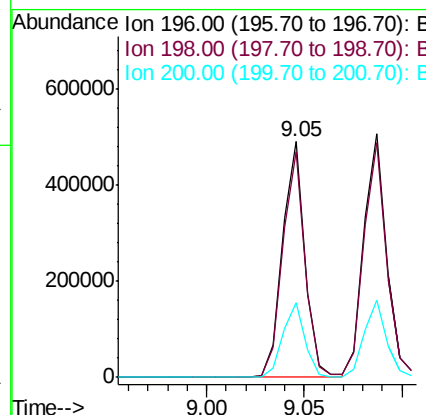
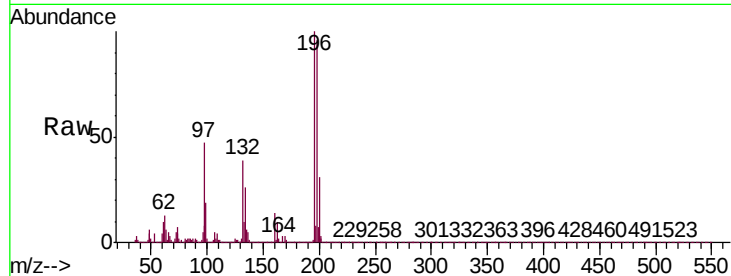




#43
 2,4,6-Trichlorophenol
 Concen: 39.470 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BP000537.D
 Acq: 07 Oct 2019 12:39

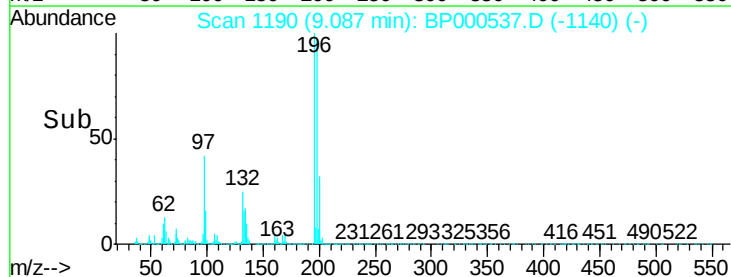
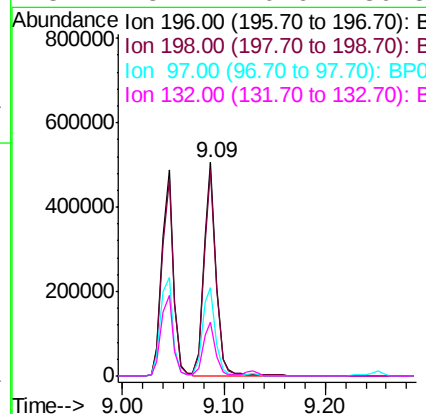
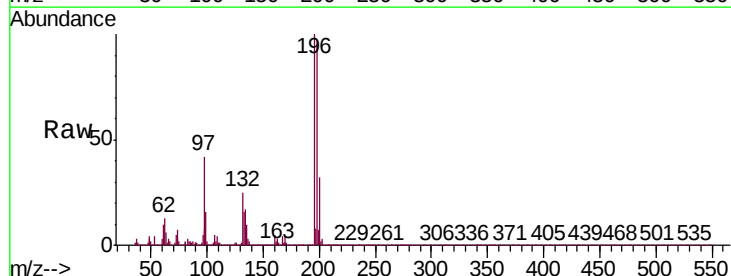
Instrument :
 BNA_P
 ClientSampleId :
 PB123395BS

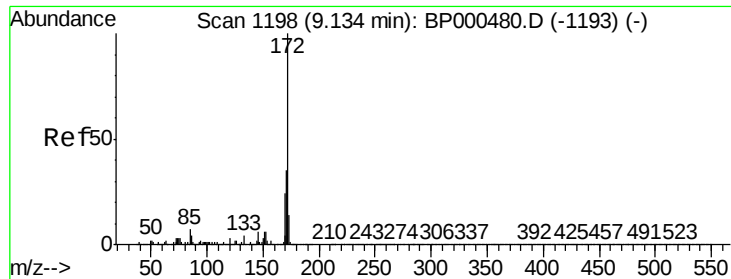
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.6	78.2	117.2
200	31.5	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.236 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BP000537.D
 Acq: 07 Oct 2019 12:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	77.4	116.0
97	41.6	34.6	51.8
132	25.4	20.6	30.8

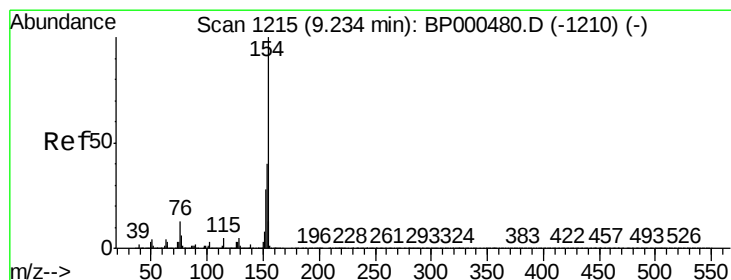
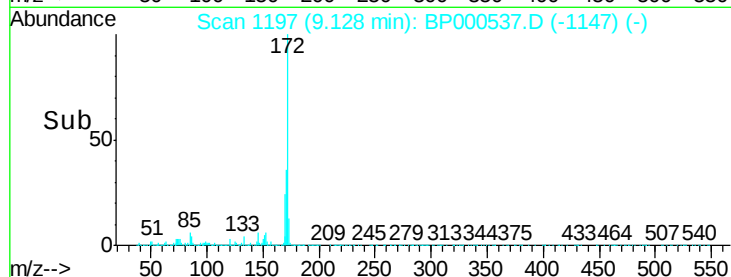
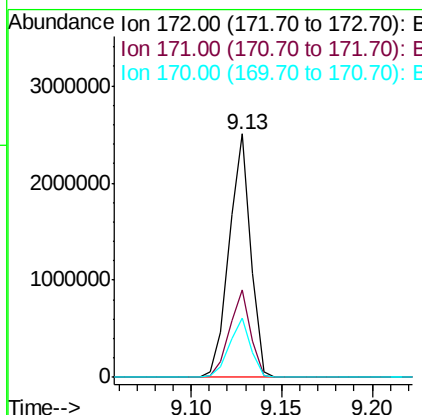
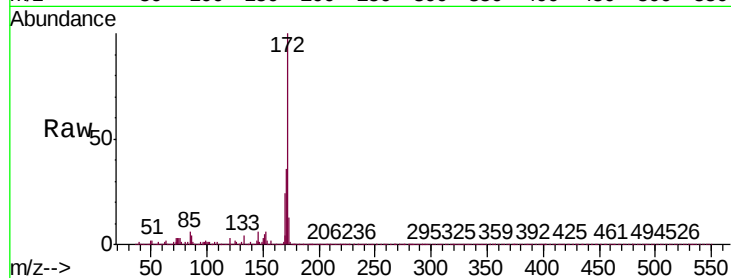




#45
2-Fluorobiphenyl
Concen: 66.005 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

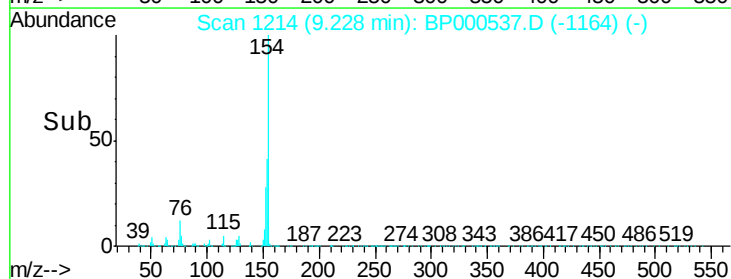
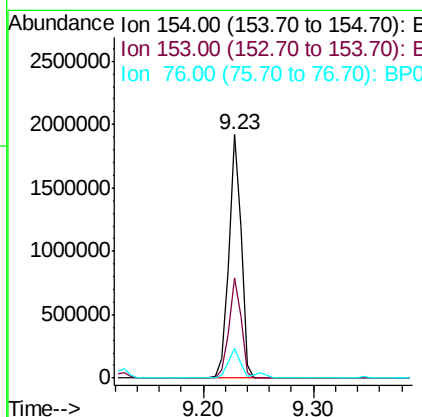
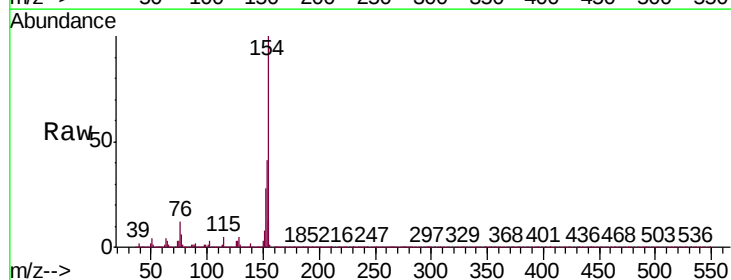
Instrument :
BNA_P
ClientSampleId :
PB123395BS

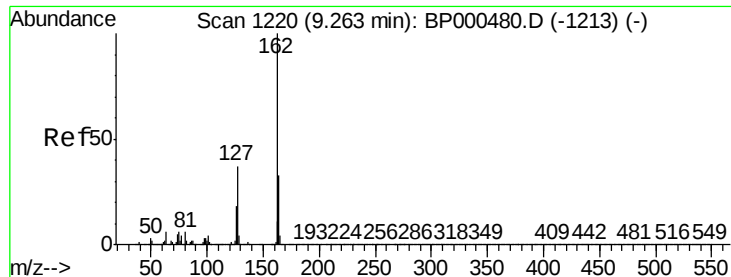
Tgt Ion:172 Resp: 2063957
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 39.265 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion:154 Resp: 1499540
Ion Ratio Lower Upper
154 100
153 41.1 19.9 59.9
76 12.3 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.434 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

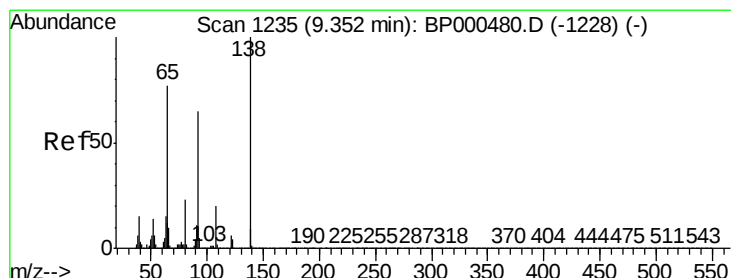
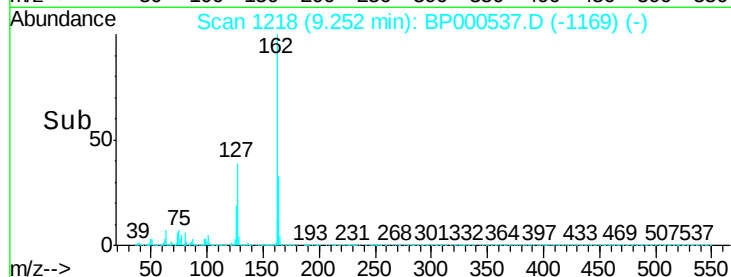
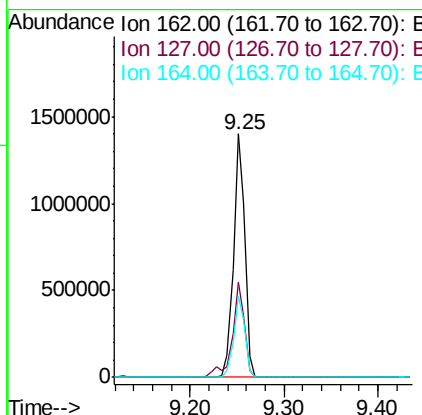
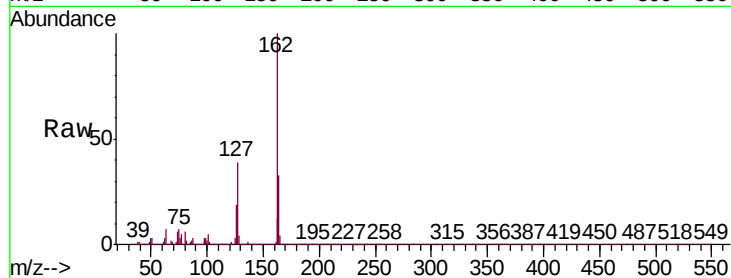
Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :
BNA_P
ClientSampleId :
PB123395BS

Tgt Ion: 162 Resp: 1164510

Ion	Ratio	Lower	Upper
162	100		
127	39.3	29.8	44.6
164	33.2	26.6	39.8



#48

2-Nitroaniline

Concen: 39.370 ng

RT: 9.35 min Scan# 1234

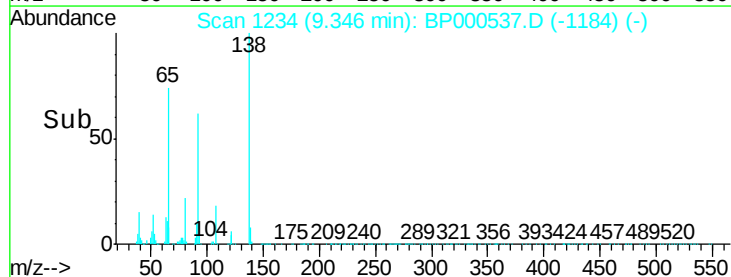
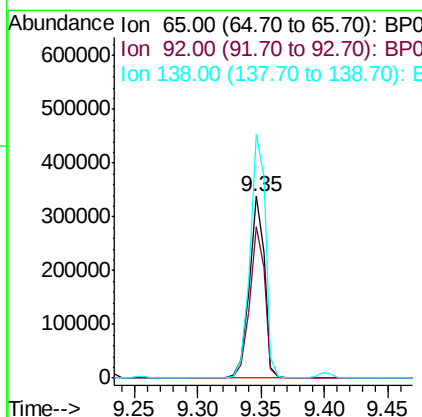
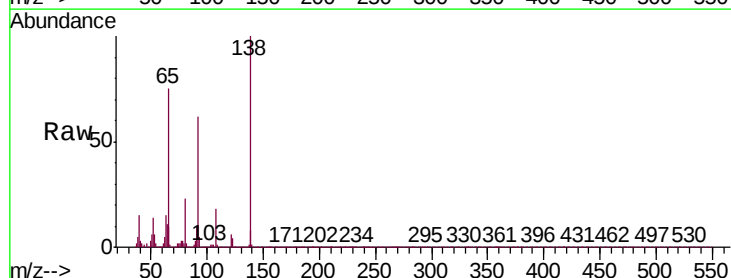
Delta R.T. -0.01 min

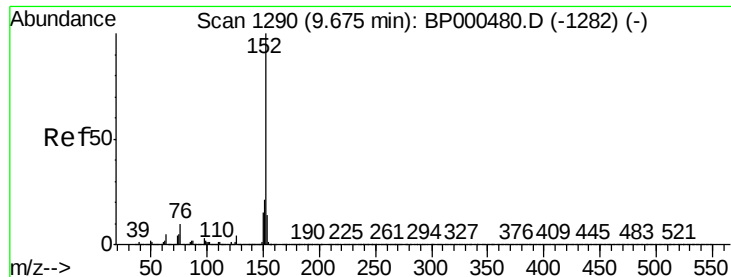
Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Tgt Ion: 65 Resp: 281471

Ion	Ratio	Lower	Upper
65	100		
92	83.6	67.0	100.4
138	133.9	103.5	155.3





#49

Acenaphthylene

Concen: 41.690 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

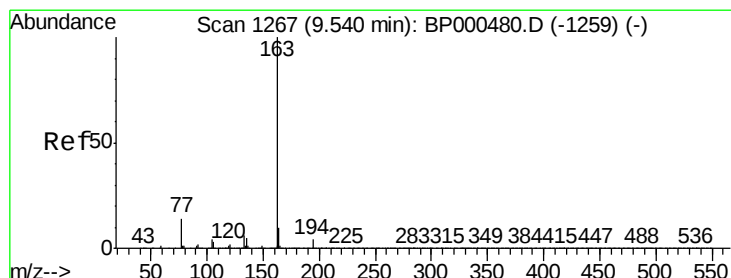
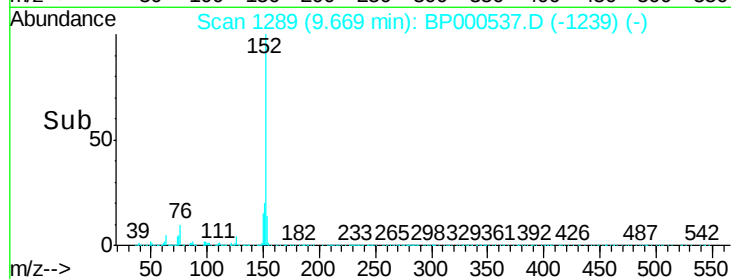
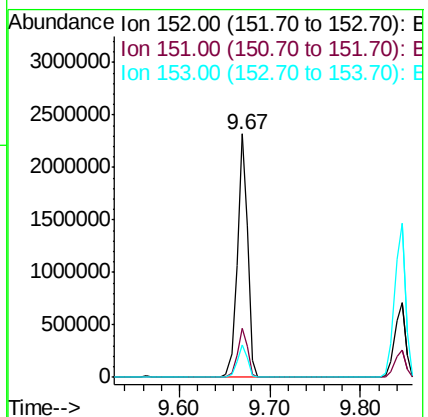
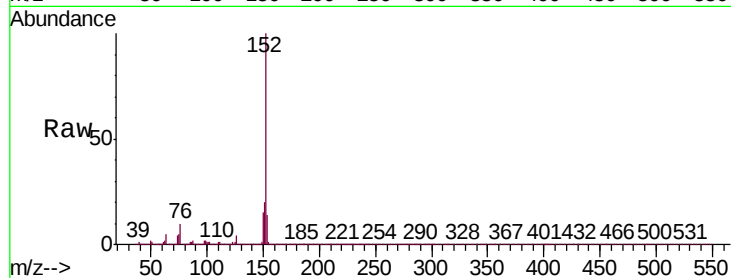
Tgt Ion:152 Resp: 1857436

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.6	25.0
153	13.5	11.0	16.6

152 100

151 20.3 16.6 25.0

153 13.5 11.0 16.6



#50

Dimethylphthalate

Concen: 39.601 ng

RT: 9.53 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

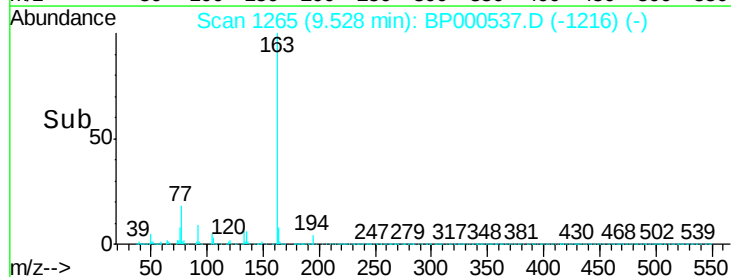
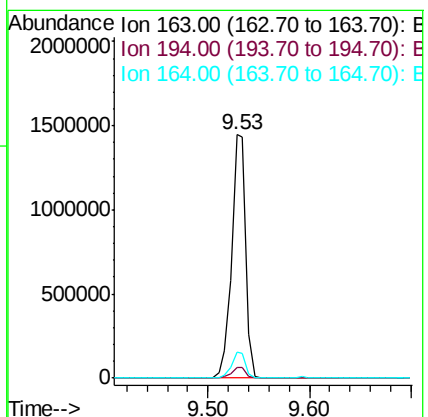
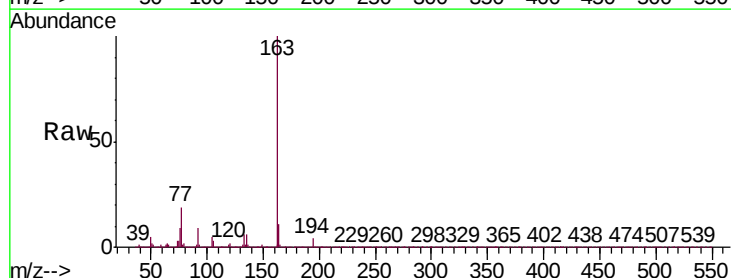
Tgt Ion:163 Resp: 1392196

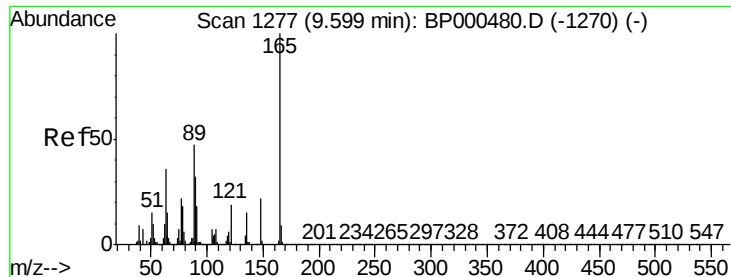
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.6	8.0	12.0

163 100

194 4.2 3.4 5.2

164 10.6 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 40.552 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

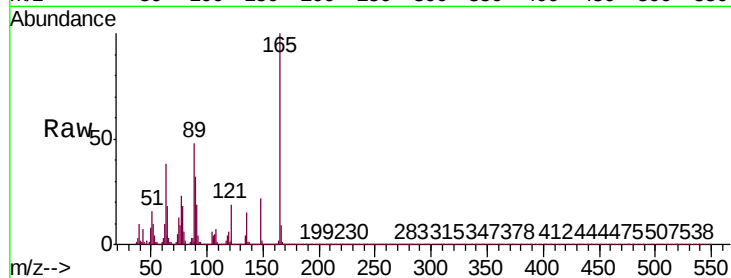
Tgt Ion:165 Resp: 310890

Ion Ratio Lower Upper

165 100

63 38.4 29.9 44.9

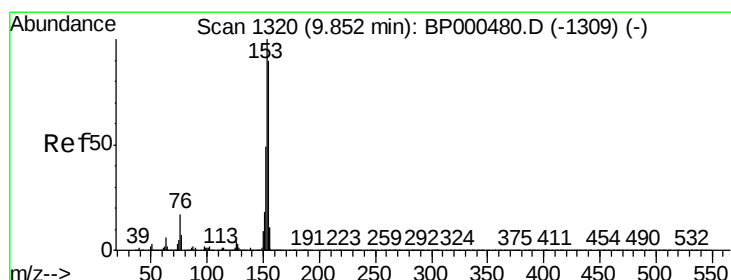
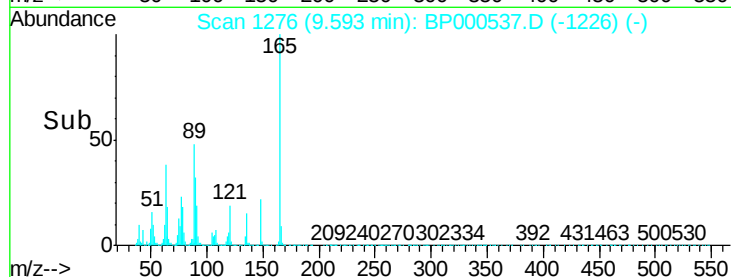
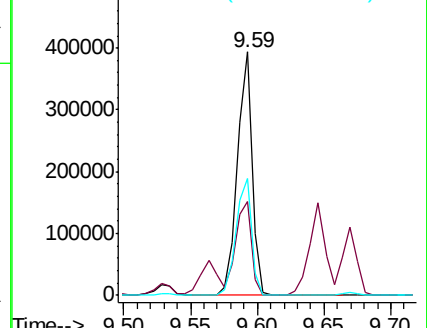
89 47.9 37.3 55.9



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: 40.155 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

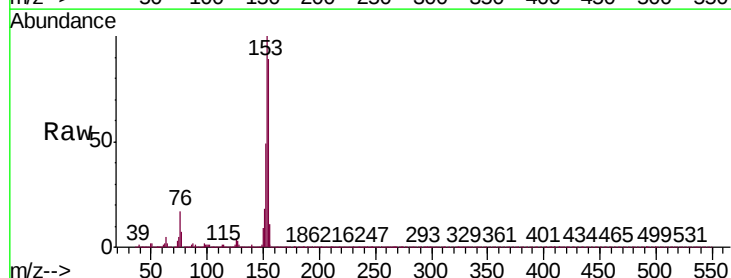
Tgt Ion:154 Resp: 1085245

Ion Ratio Lower Upper

154 100

153 111.8 89.4 134.0

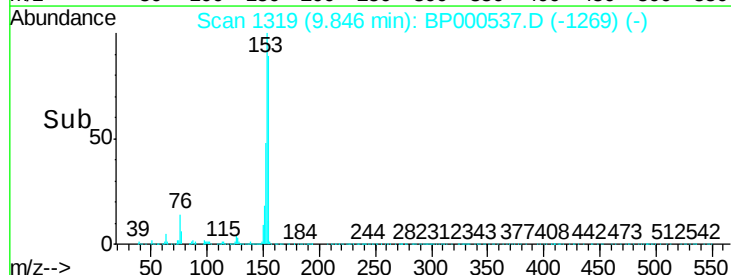
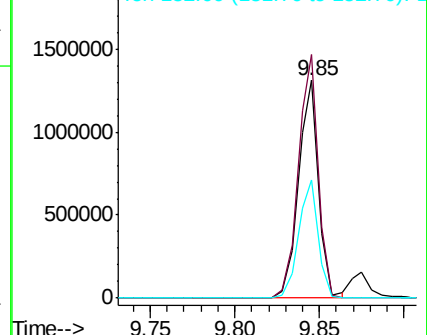
152 54.2 43.8 65.8

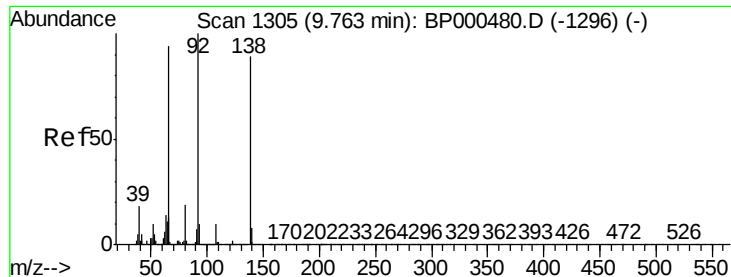


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

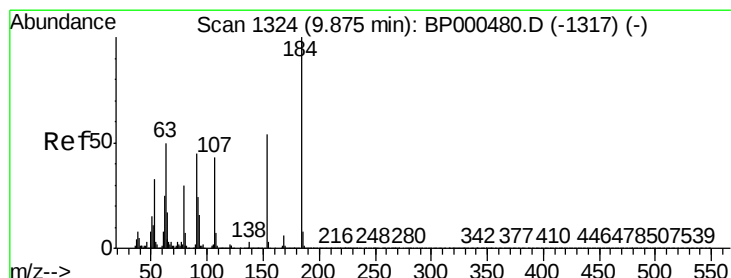
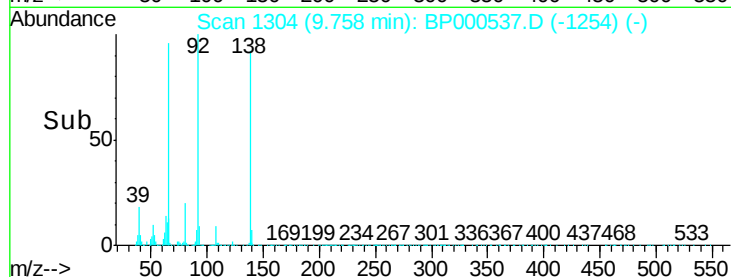
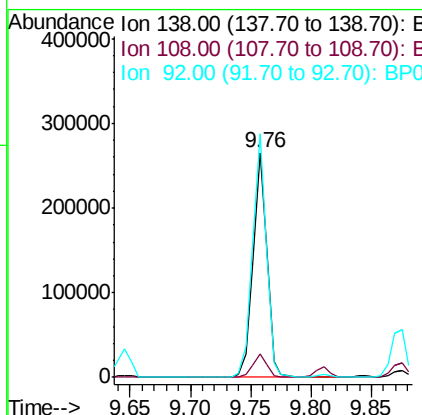
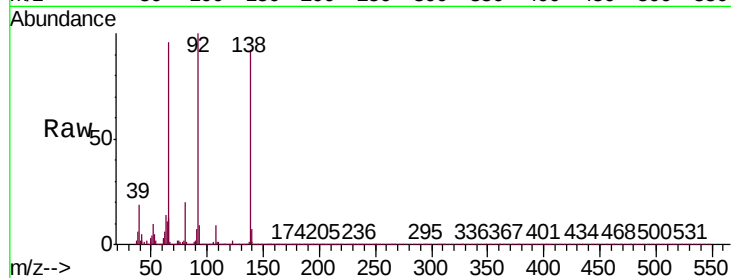




#53
 3-Nitroaniline
 Concen: 24.527 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BP000537.D
 Acq: 07 Oct 2019 12:39

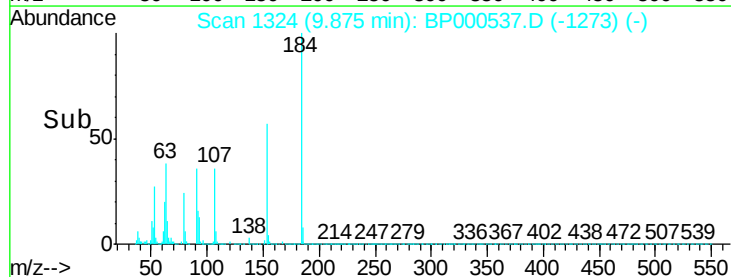
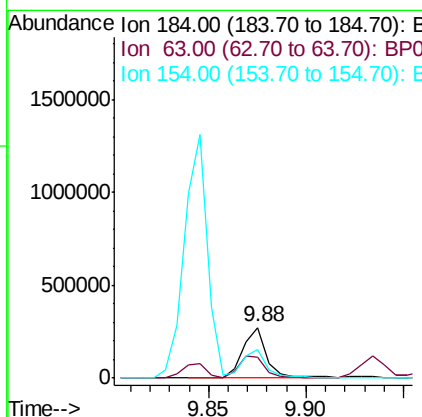
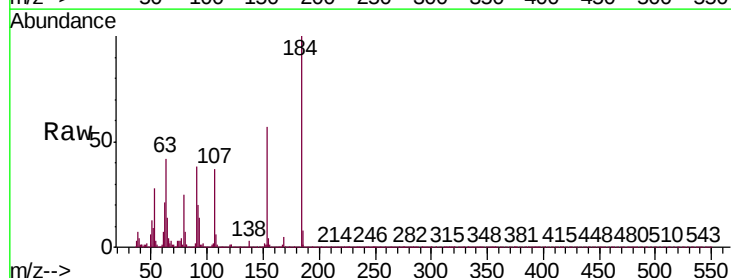
Instrument :
 BNA_P
 ClientSampleId :
 PB123395BS

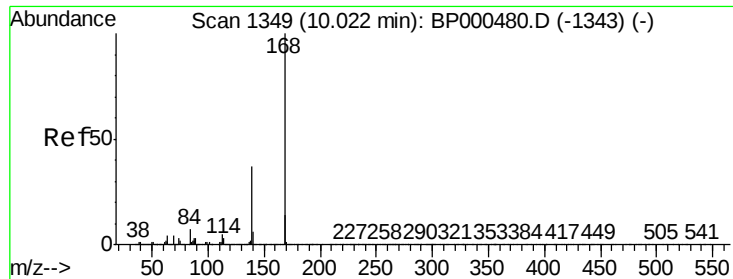
Tgt Ion:138 Resp: 215456
 Ion Ratio Lower Upper
 138 100
 108 10.2 8.8 13.2
 92 108.3 90.4 135.6



#54
 2,4-Dinitrophenol
 Concen: 90.986 ng
 RT: 9.88 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BP000537.D
 Acq: 07 Oct 2019 12:39

Tgt Ion:184 Resp: 232758
 Ion Ratio Lower Upper
 184 100
 63 42.2 41.0 61.4
 154 57.0 49.8 74.8





#55

Dibenzofuran

Concen: 41.927 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

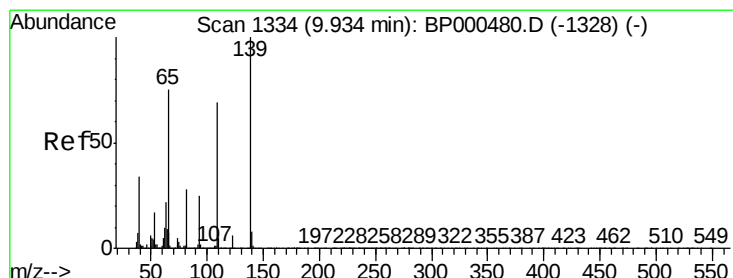
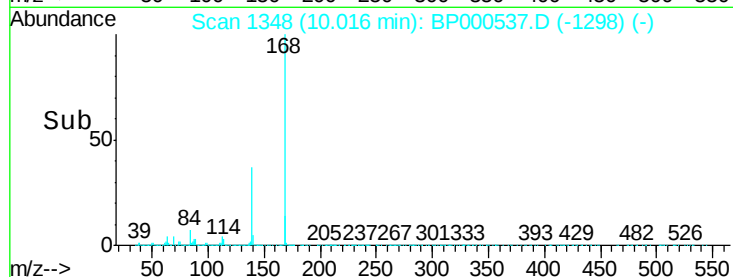
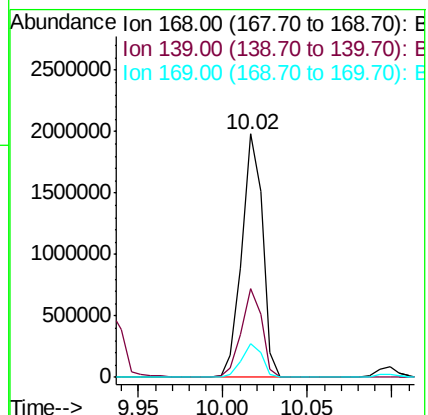
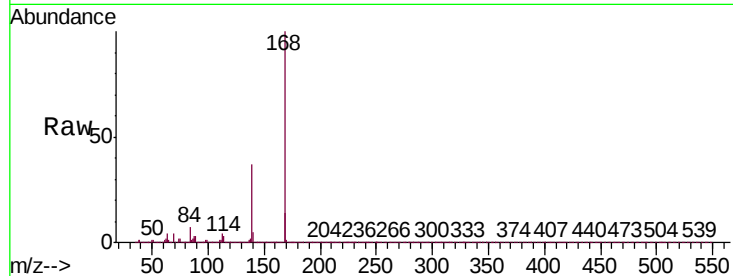
Tgt Ion:168 Resp: 1693845

Ion Ratio Lower Upper

168 100

139 36.7 29.5 44.3

169 13.8 11.1 16.7



#56

4-Nitrophenol

Concen: 87.190 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

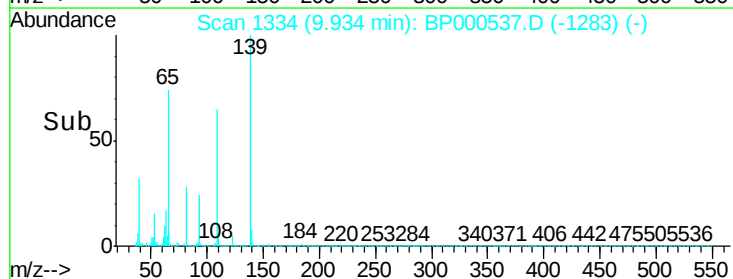
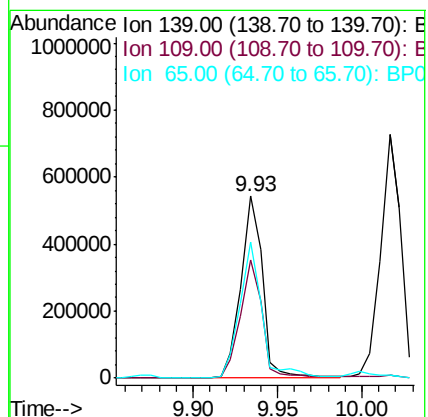
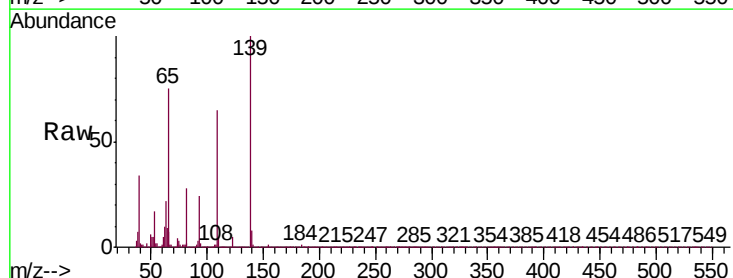
Tgt Ion:139 Resp: 488987

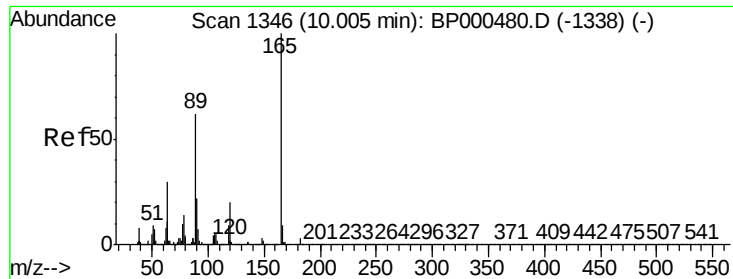
Ion Ratio Lower Upper

139 100

109 64.7 48.6 88.6

65 74.6 55.3 95.3

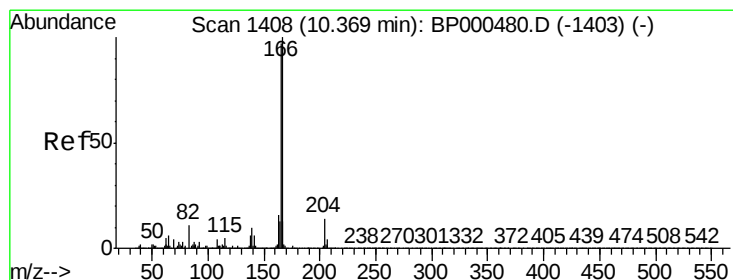
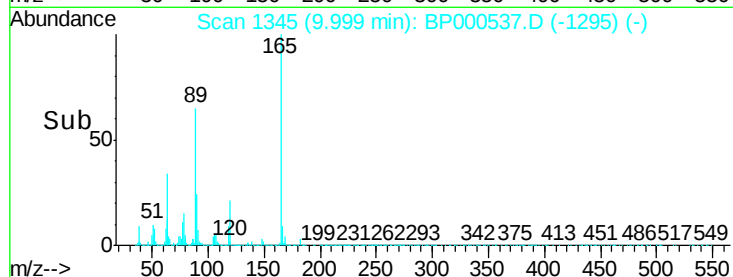
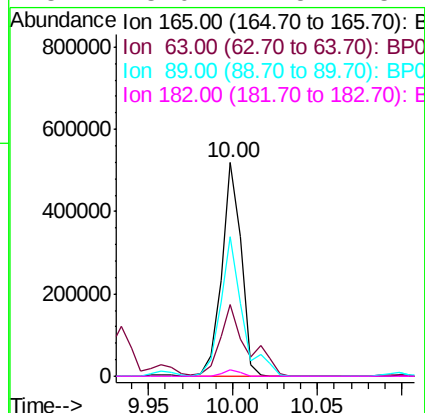
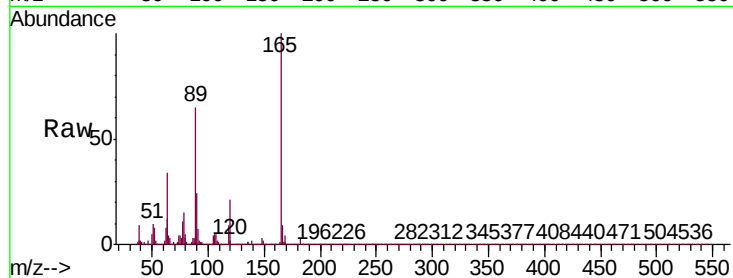




#57
2,4-Dinitrotoluene
Concen: 40.829 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

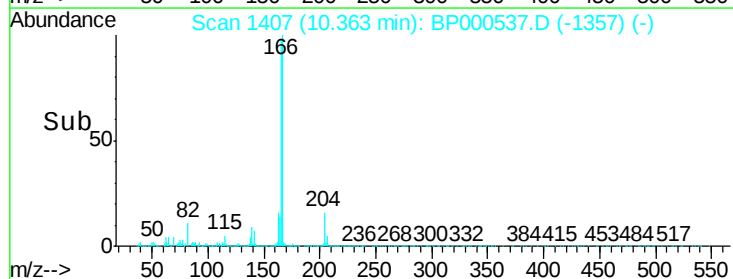
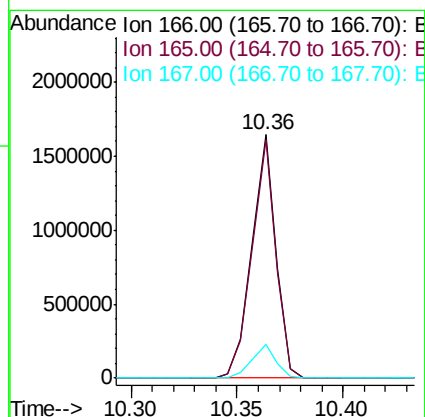
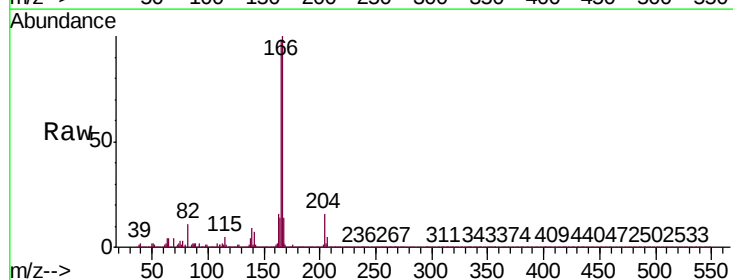
Instrument :
BNA_P
ClientSampleId :
PB123395BS

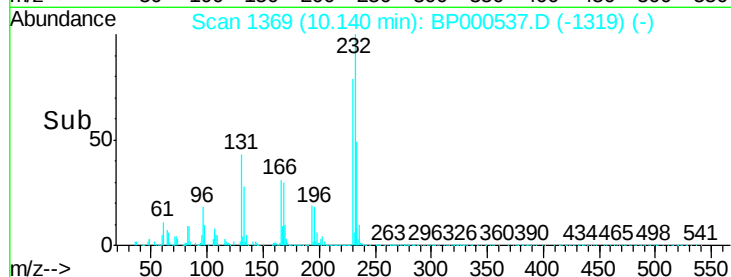
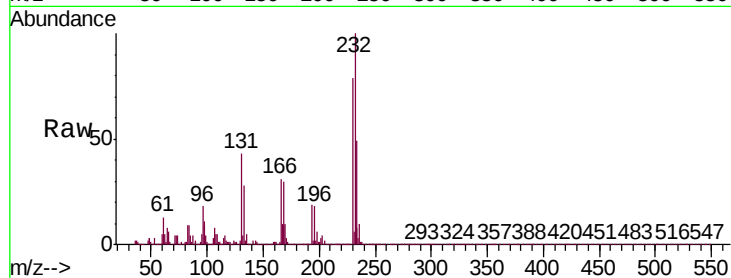
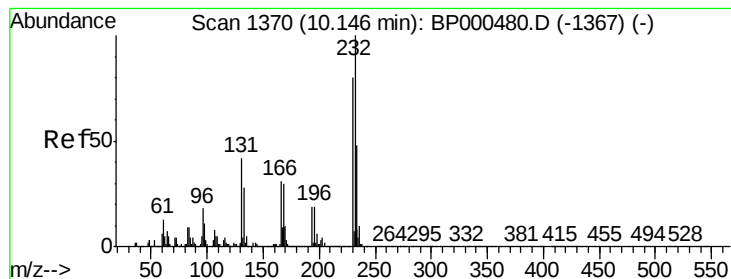
Tgt Ion:	165	Resp:	415025
Ion	Ratio	Lower	Upper
165	100		
63	33.8	24.2	36.4
89	65.1	49.4	74.0
182	3.0	2.5	3.7



#58
Fluorene
Concen: 45.378 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion:	166	Resp:	1306570
Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.3	115.9
167	13.6	10.6	16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.904 ng

RT: 10.14 min Scan# 1369

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

Tgt Ion:232 Resp: 360531

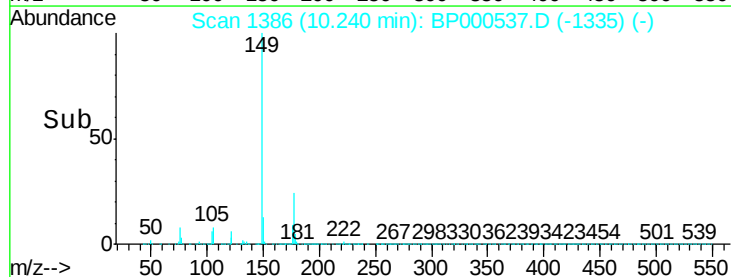
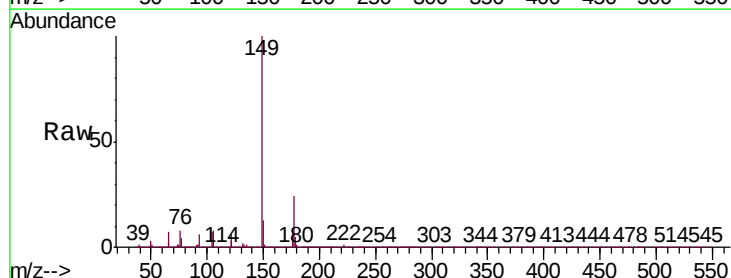
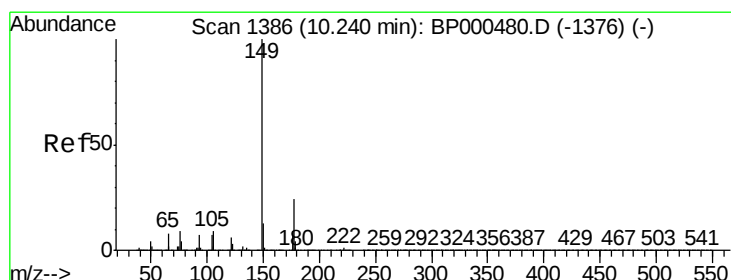
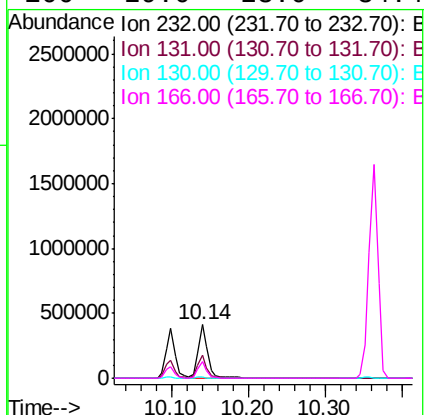
Ion Ratio Lower Upper

232 100

131 40.4 32.1 48.1

130 2.0 1.6 2.4

166 29.0 23.0 34.4



#60

Diethylphthalate

Concen: 40.814 ng

RT: 10.24 min Scan# 1386

Delta R.T. 0.00 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

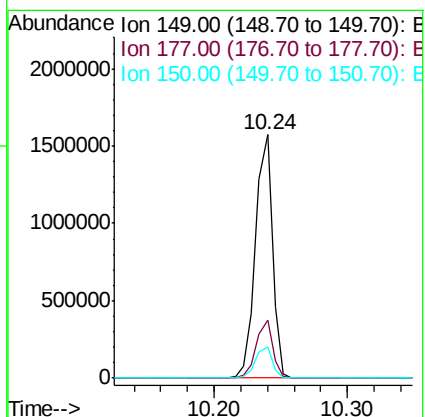
Tgt Ion:149 Resp: 1362048

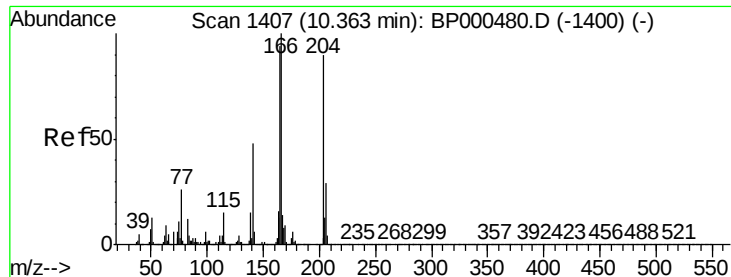
Ion Ratio Lower Upper

149 100

177 23.8 19.0 28.6

150 12.7 10.8 16.2

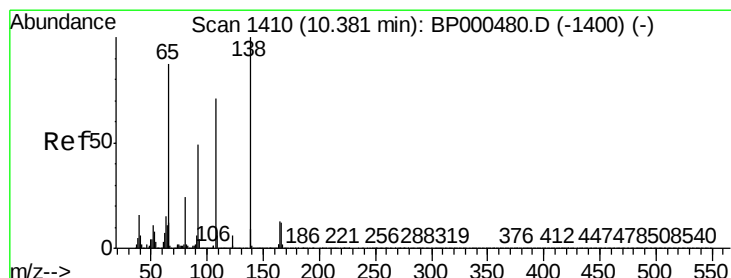
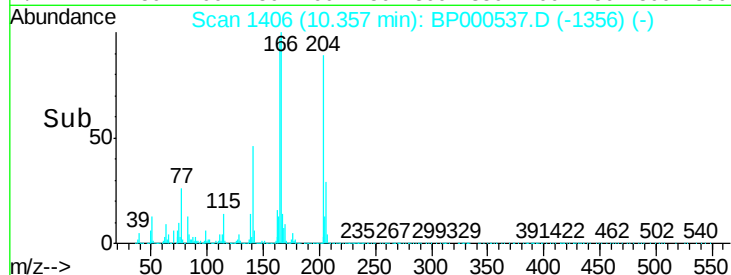
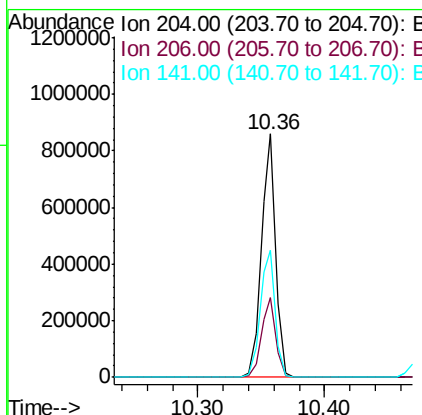
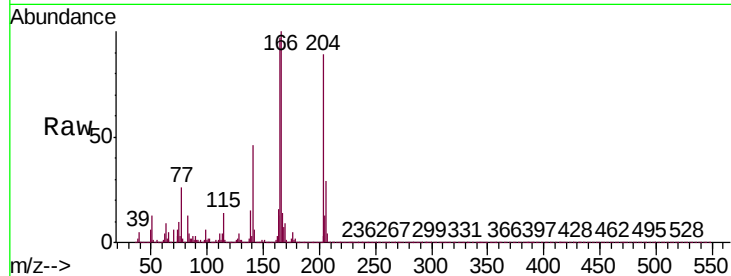




#61
4-Chlorophenyl-phenylether
Concen: 43.866 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

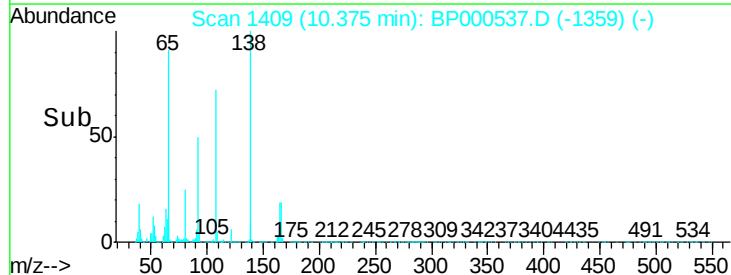
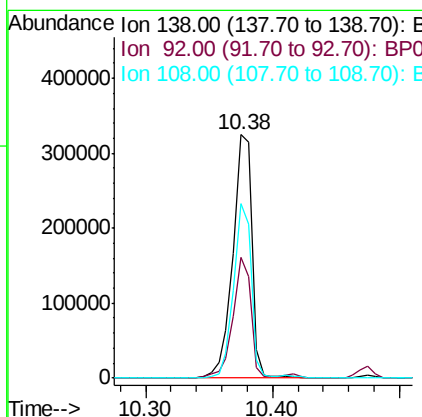
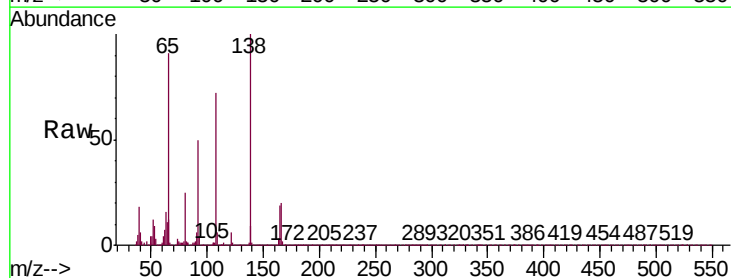
Instrument :
BNA_P
ClientSampleId :
PB123395BS

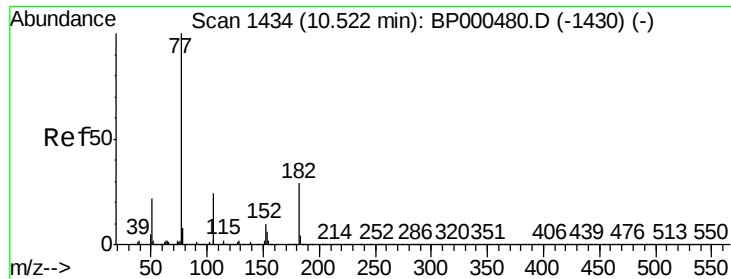
Tgt Ion:204 Resp: 679184
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.8
141 52.0 42.8 64.2



#62
4-Nitroaniline
Concen: 39.927 ng
RT: 10.38 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion:138 Resp: 337324
Ion Ratio Lower Upper
138 100
92 49.7 28.7 68.7
108 71.7 50.6 90.6

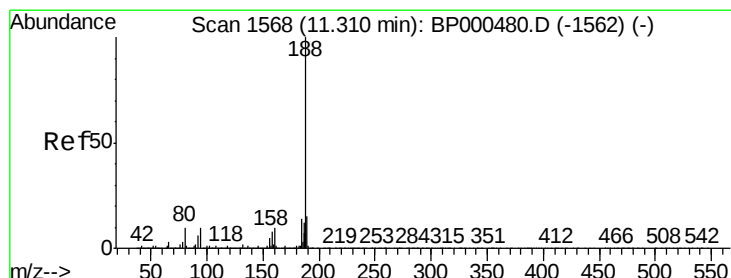
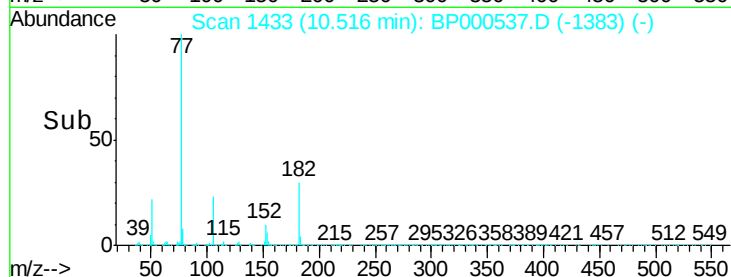
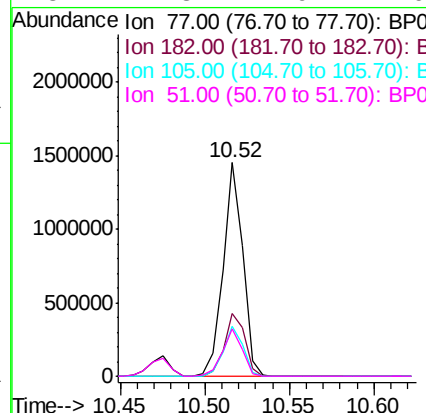
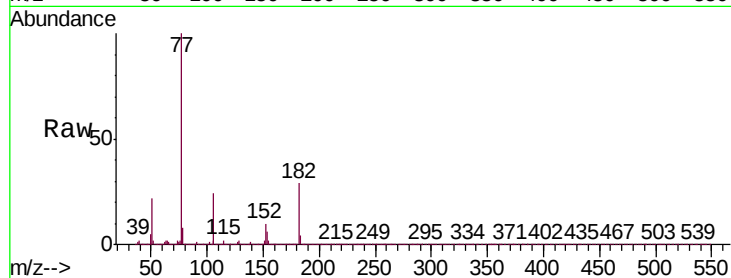




#63
Azobenzene
Concen: 45.995 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

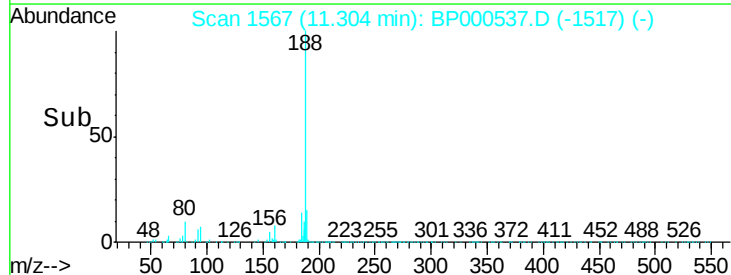
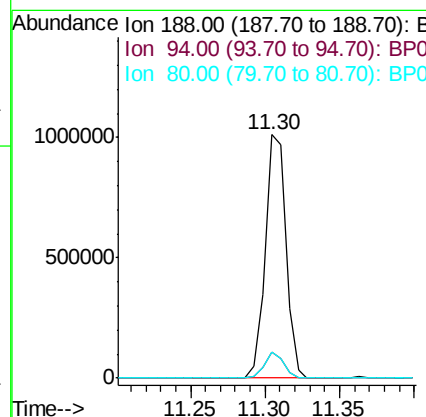
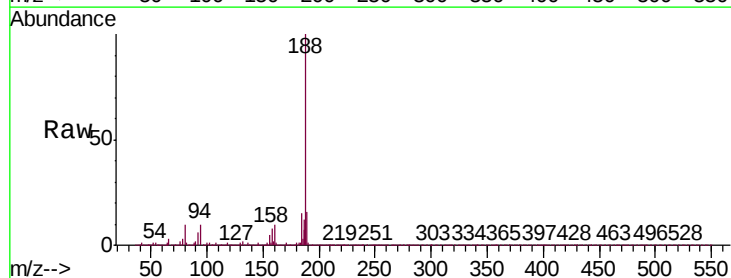
Instrument :
BNA_P
ClientSampleId :
PB123395BS

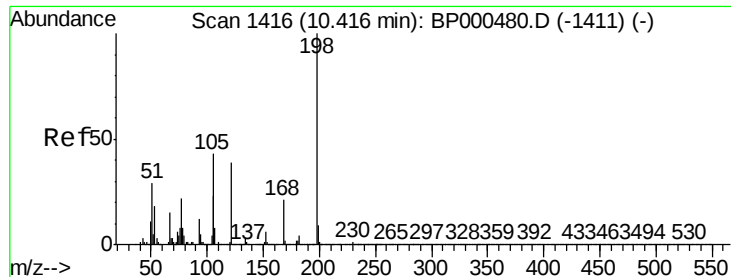
Tgt Ion:	77	Resp:	1178473
Ion	Ratio	Lower	Upper
77	100		
182	29.4	9.0	49.0
105	23.6	3.8	43.8
51	22.3	1.9	41.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion:	188	Resp:	959812
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	10.5	8.3	12.5

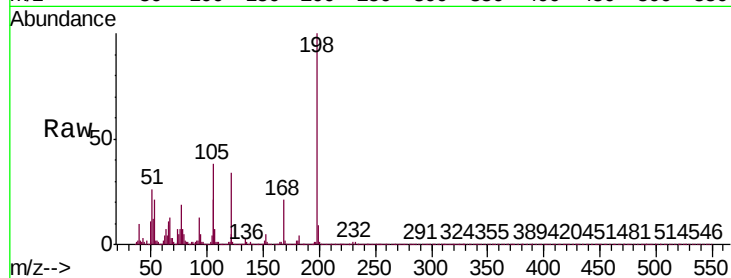




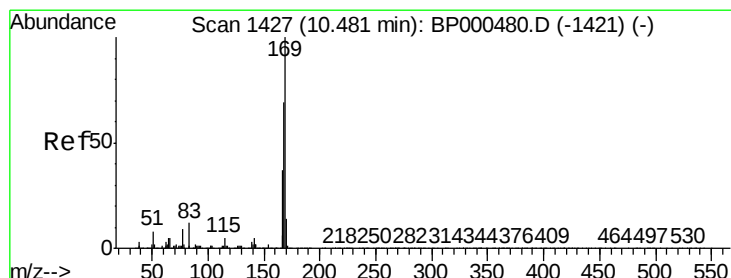
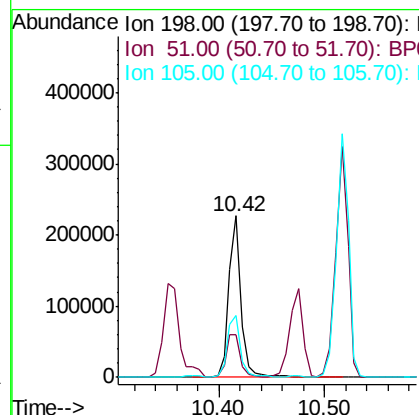
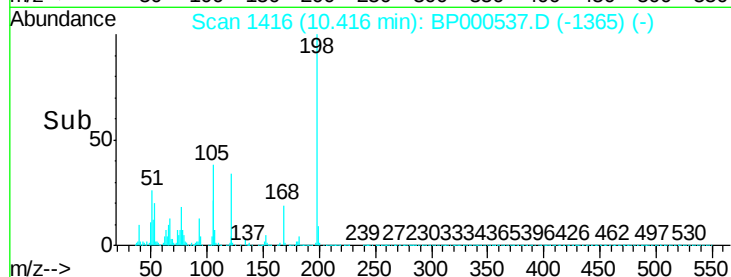
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.053 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BP000537.D
 Acq: 07 Oct 2019 12:39

Instrument :
 BNA_P
 ClientSampleId :
 PB123395BS

Tgt Ion:198 Resp: 183179
 Ion Ratio Lower Upper
 198 100
 51 26.4 12.8 52.8
 105 38.3 24.0 64.0

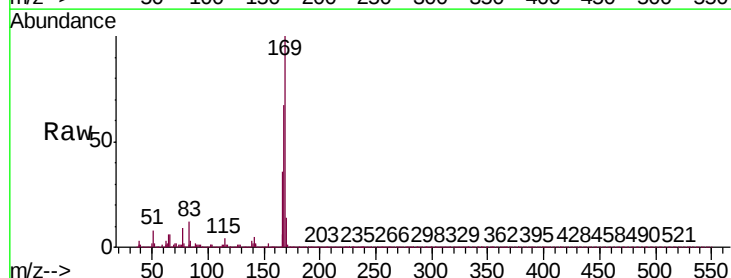


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BP
 Ion 105.00 (104.70 to 105.70): E

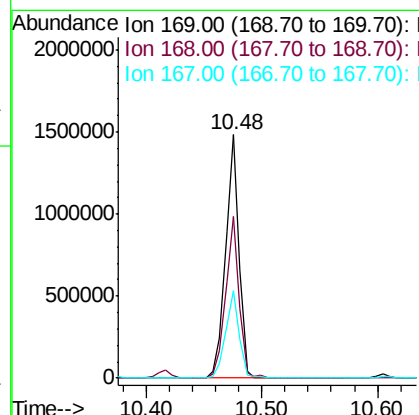
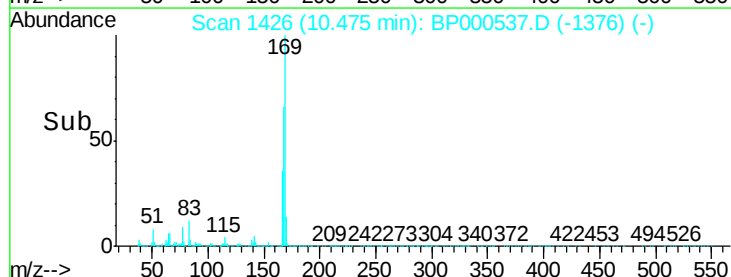


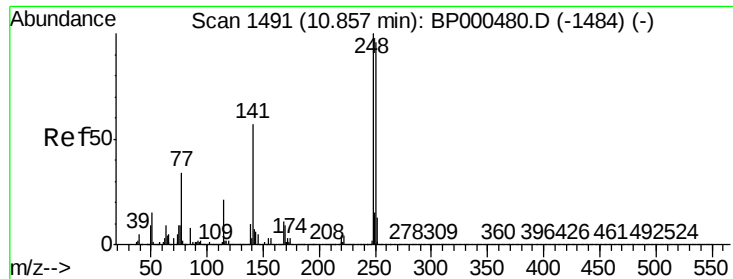
#66
 n-Nitrosodiphenylamine
 Concen: 42.529 ng
 RT: 10.48 min Scan# 1426
 Delta R.T. -0.01 min
 Lab File: BP000537.D
 Acq: 07 Oct 2019 12:39

Tgt Ion:169 Resp: 1188885
 Ion Ratio Lower Upper
 169 100
 168 66.6 55.4 83.2
 167 36.0 29.4 44.2



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

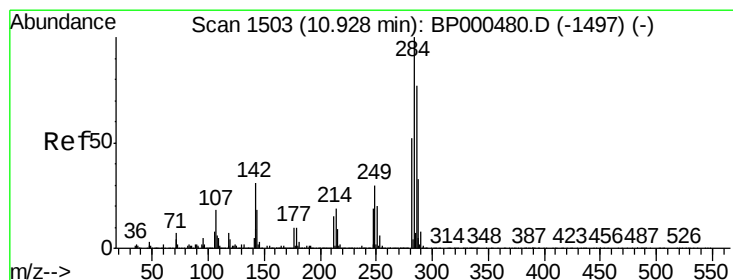
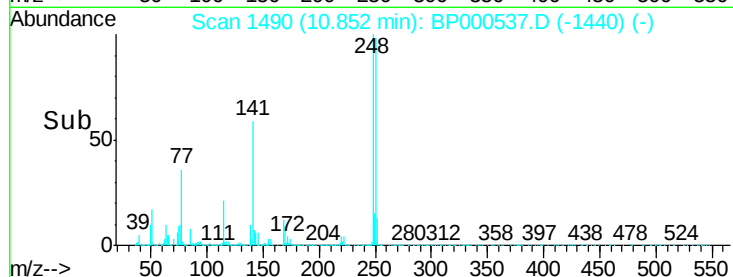
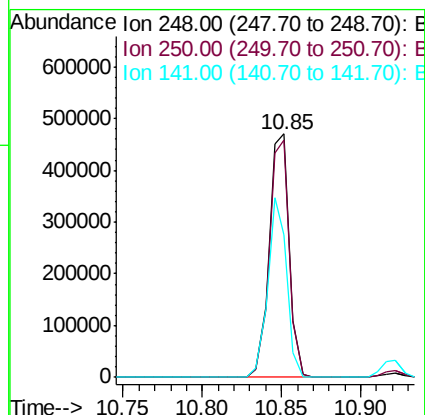
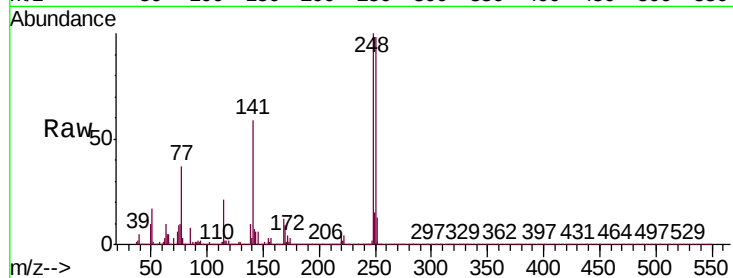




#67
4-Bromophenyl-phenylether
Concen: 38.898 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

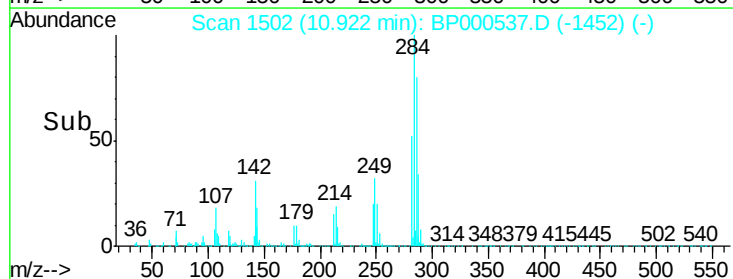
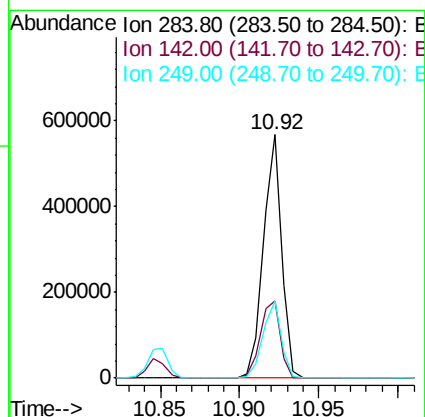
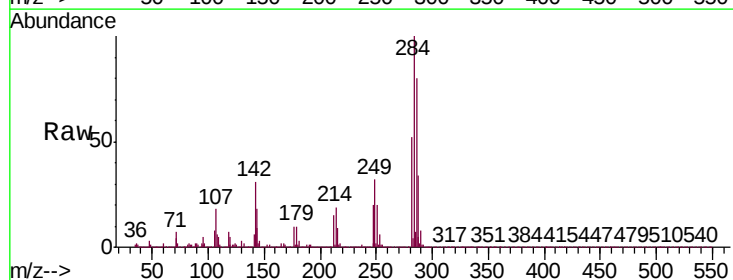
Instrument :
BNA_P
ClientSampleId :
PB123395BS

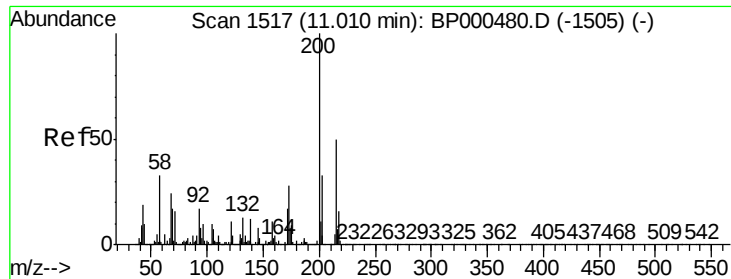
Tgt Ion:248 Resp: 420268
Ion Ratio Lower Upper
248 100
250 97.6 77.2 115.8
141 58.7 45.3 67.9



#68
Hexachlorobenzene
Concen: 37.360 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion:284 Resp: 458701
Ion Ratio Lower Upper
284 100
142 31.5 24.6 37.0
249 31.7 24.1 36.1





#69

Atrazine

Concen: 46.357 ng

RT: 11.01 min Scan# 1517

Delta R.T. 0.00 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

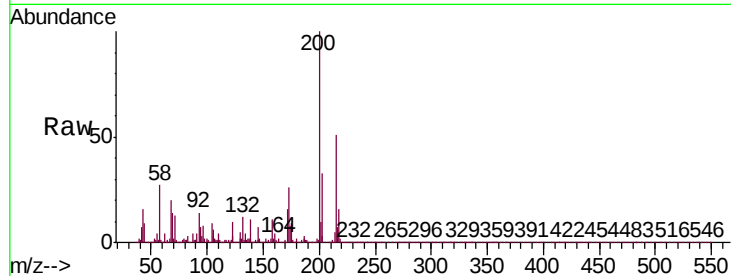
Tgt Ion:200 Resp: 425268

Ion Ratio Lower Upper

200 100

173 26.5 7.6 47.6

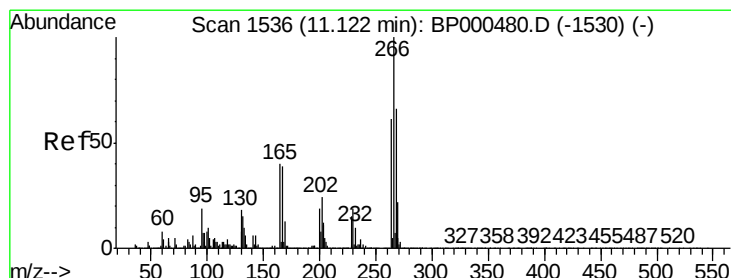
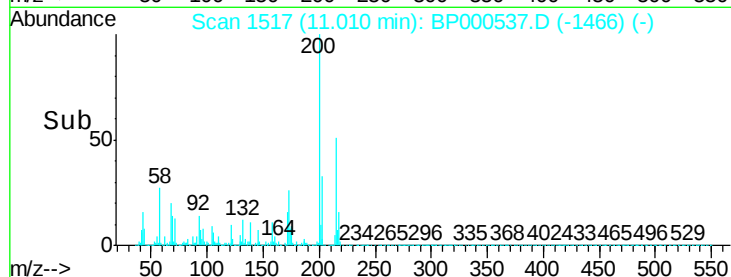
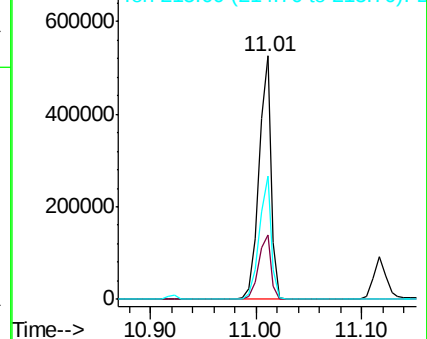
215 50.5 29.5 69.5



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: 91.759 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

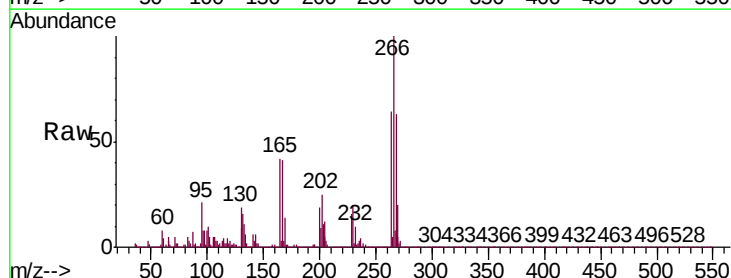
Tgt Ion:266 Resp: 452492

Ion Ratio Lower Upper

266 100

268 63.2 53.2 79.8

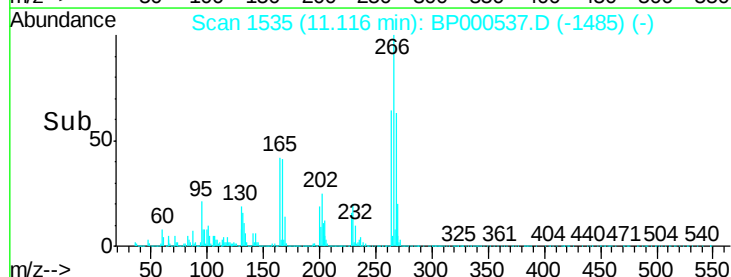
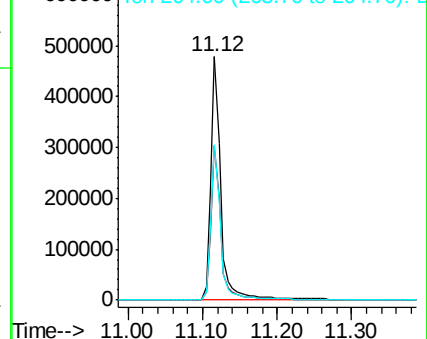
264 63.9 49.0 73.4

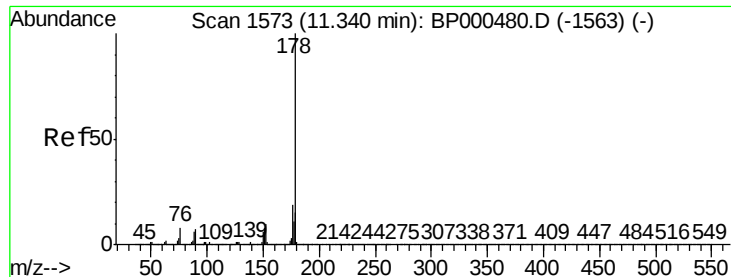


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.887 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

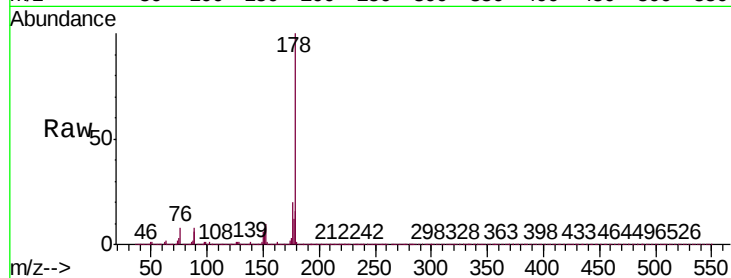
Tgt Ion:178 Resp: 2019146

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.2

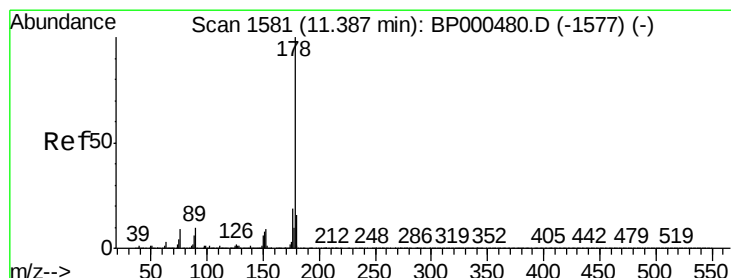
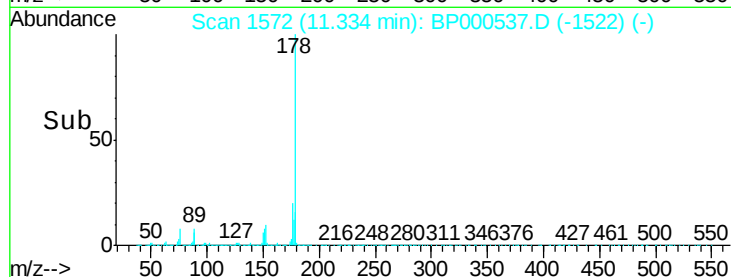
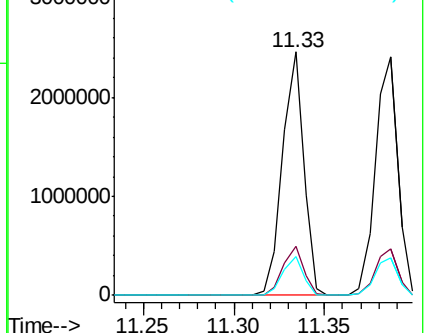
179 15.7 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.638 ng

RT: 11.39 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

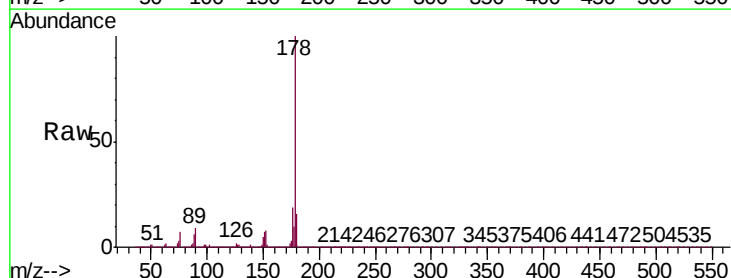
Tgt Ion:178 Resp: 2085728

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

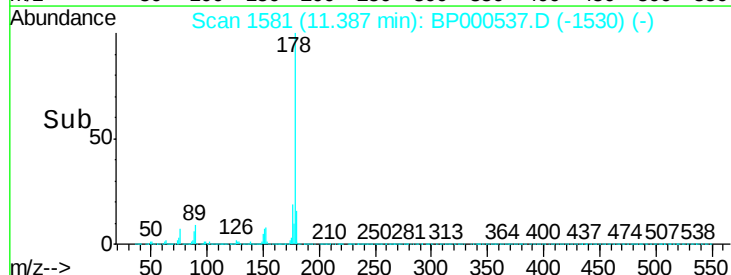
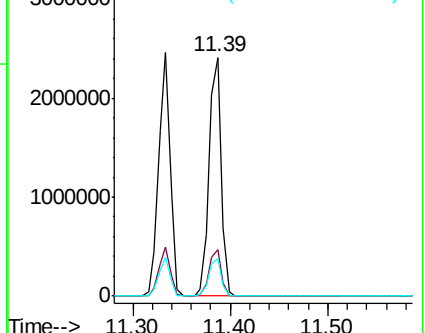
179 15.5 12.6 19.0

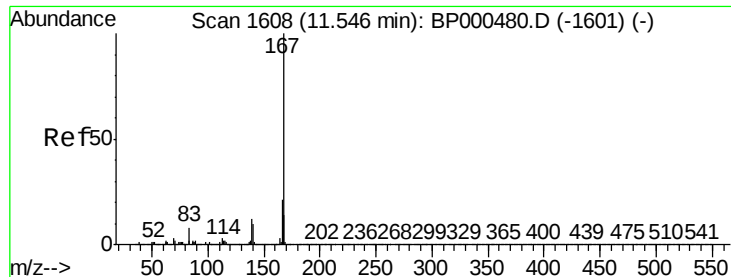


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

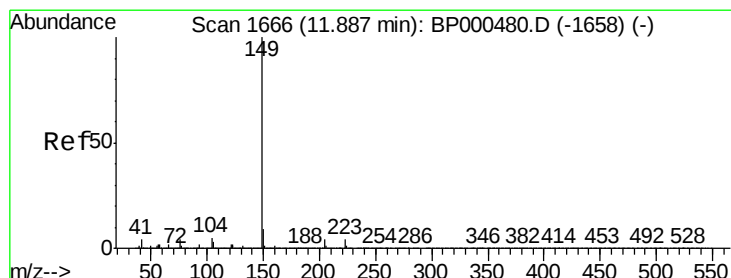
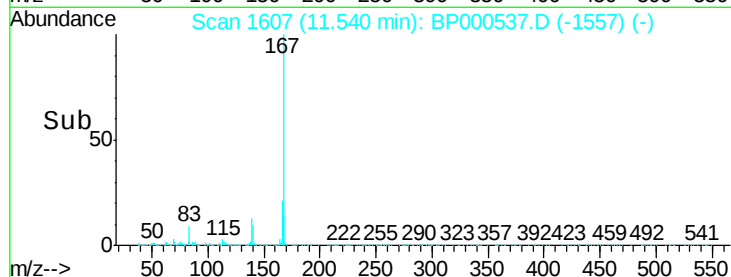
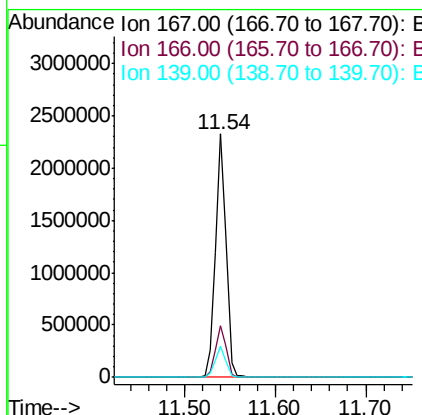
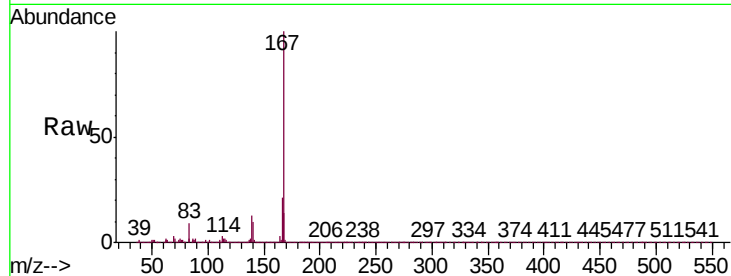




#73
 Carbazole
 Concen: 43.020 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BP000537.D
 Acq: 07 Oct 2019 12:39

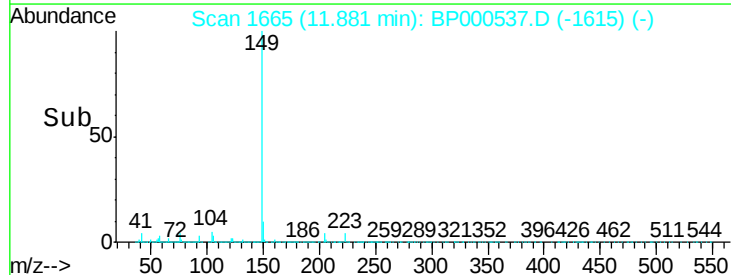
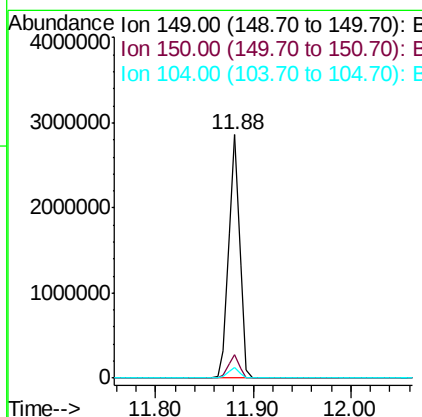
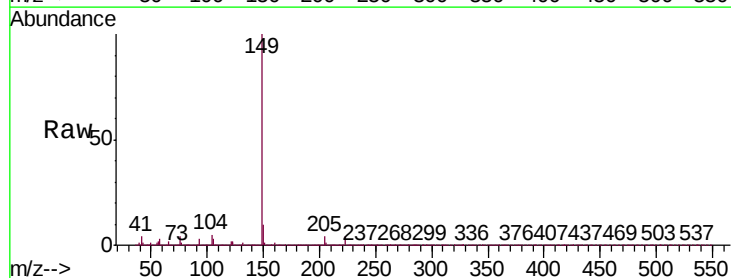
Instrument :
 BNA_P
 ClientSampleId :
 PB123395BS

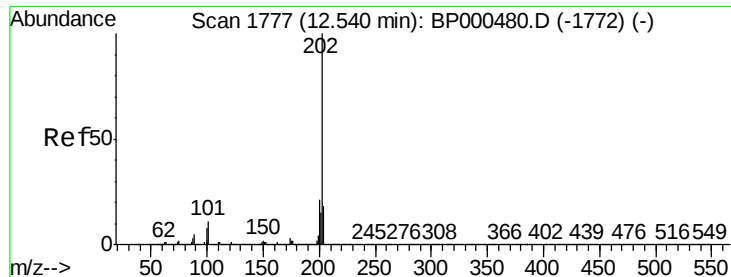
Tgt Ion:167 Resp: 1906055
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.9 25.3
 139 12.8 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 41.540 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BP000537.D
 Acq: 07 Oct 2019 12:39

Tgt Ion:149 Resp: 2242034
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 4.6 3.7 5.5





#75

Fluoranthene

Concen: 42.386 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

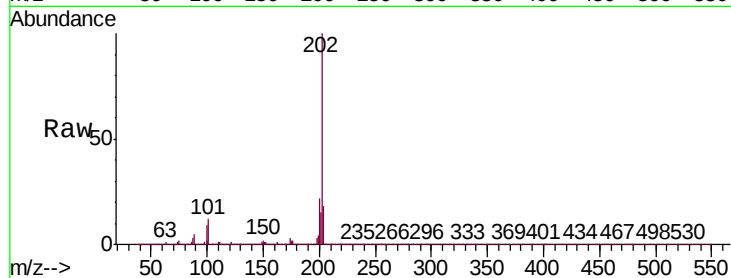
Tgt Ion:202 Resp: 2294735

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.3

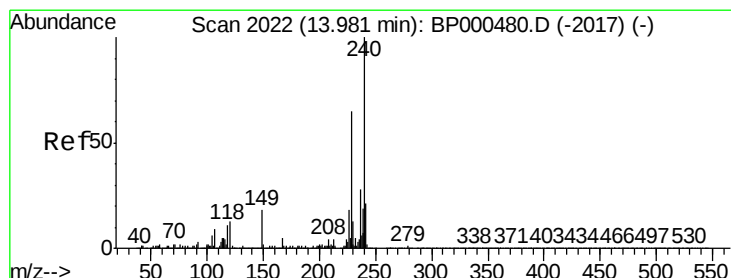
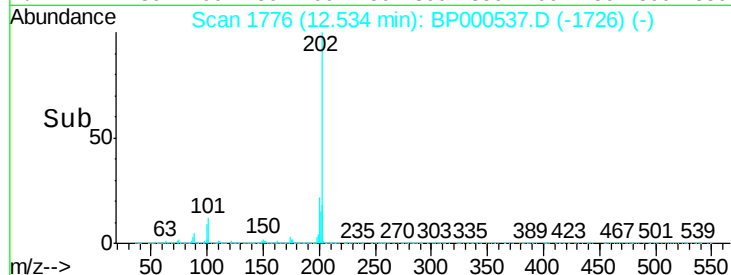
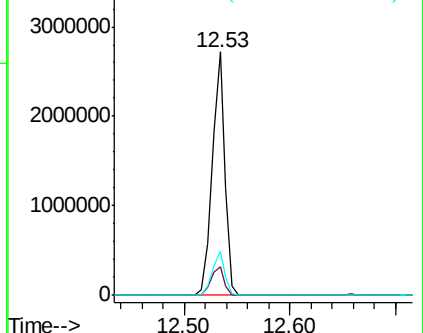
203 18.2 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

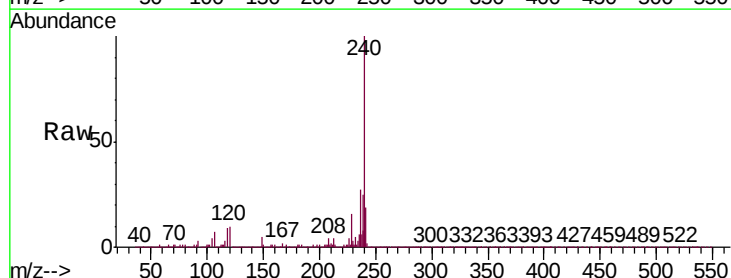
Tgt Ion:240 Resp: 855934

Ion Ratio Lower Upper

240 100

120 10.2 10.1 15.1

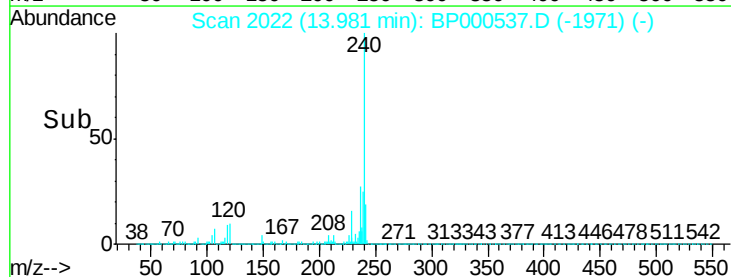
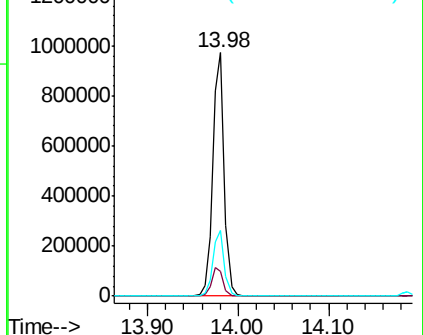
236 27.1 22.7 34.1

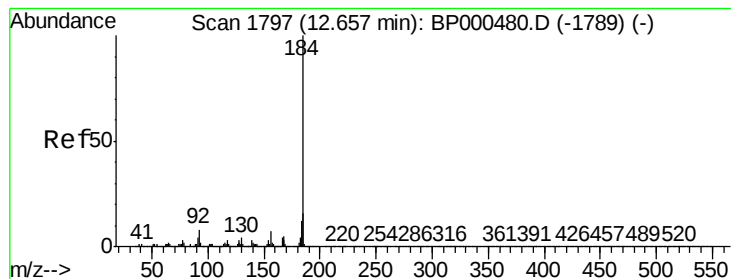


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.650 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

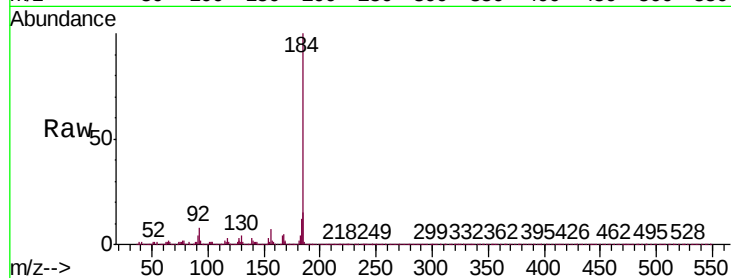
Tgt Ion:184 Resp: 1701539

Ion Ratio Lower Upper

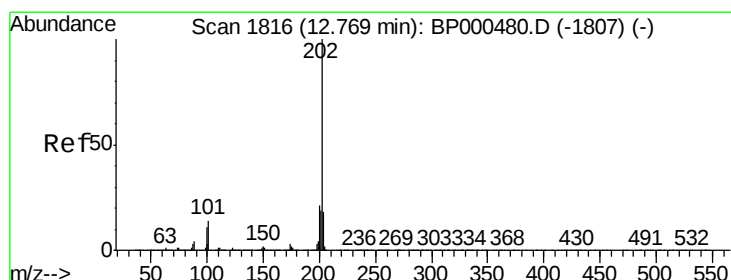
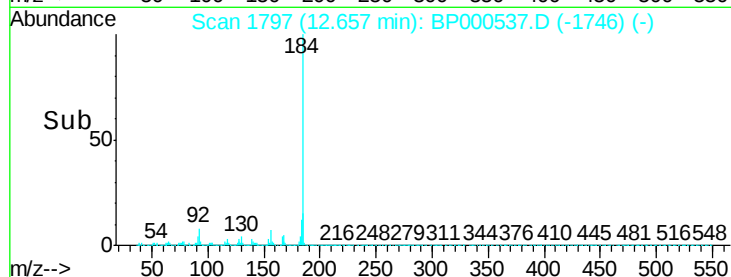
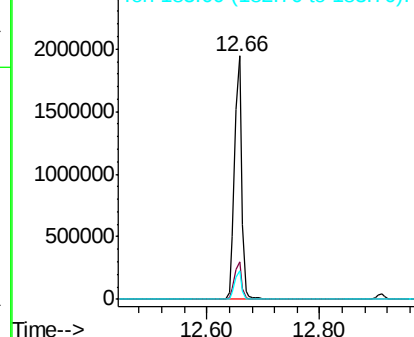
184 100

185 15.3 12.7 19.1

183 11.9 9.7 14.5



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: 39.592 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

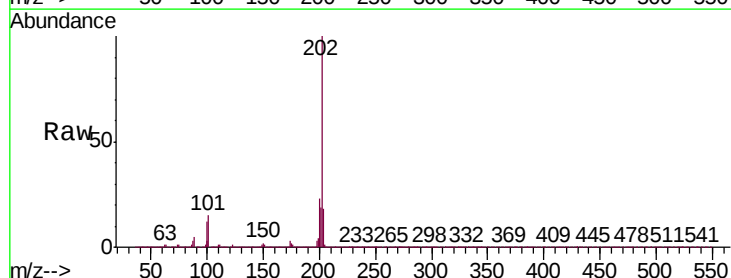
Tgt Ion:202 Resp: 2337273

Ion Ratio Lower Upper

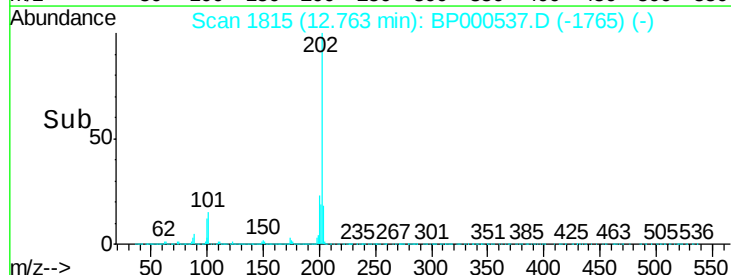
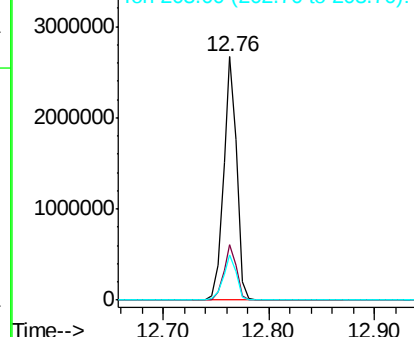
202 100

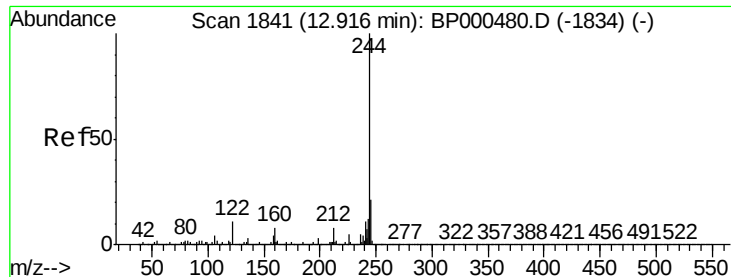
200 22.5 17.1 25.7

203 18.4 14.6 21.8



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: 62.848 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

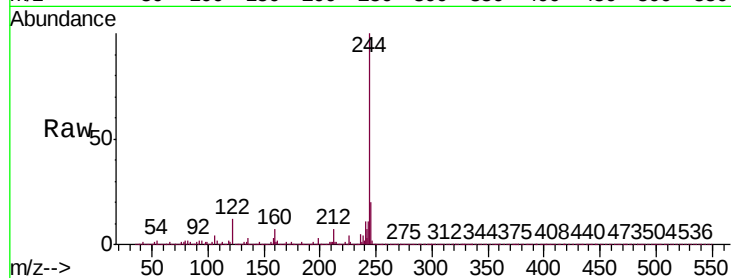
Tgt Ion:244 Resp: 2656842

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

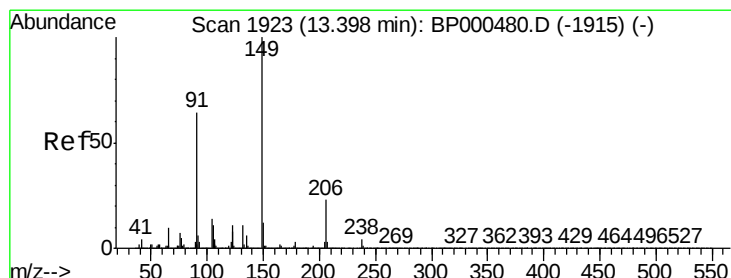
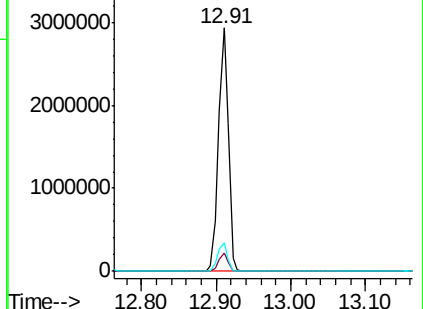
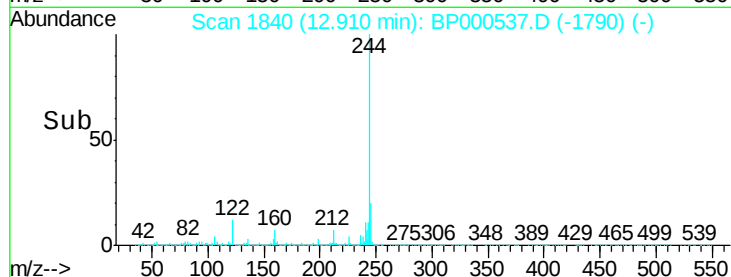
122 11.9 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.513 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

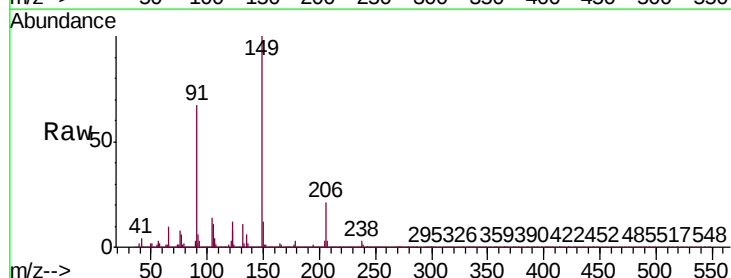
Tgt Ion:149 Resp: 1016434

Ion Ratio Lower Upper

149 100

91 66.7 51.0 76.4

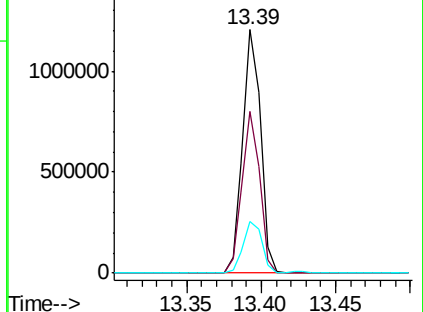
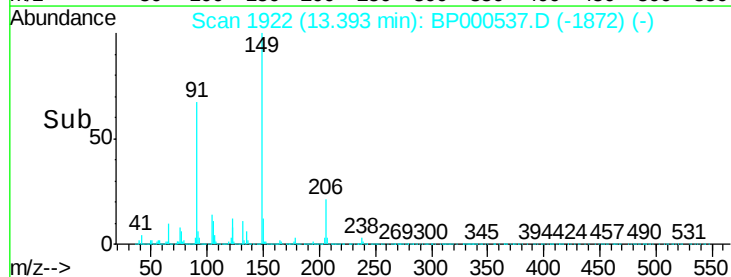
206 21.3 18.2 27.4

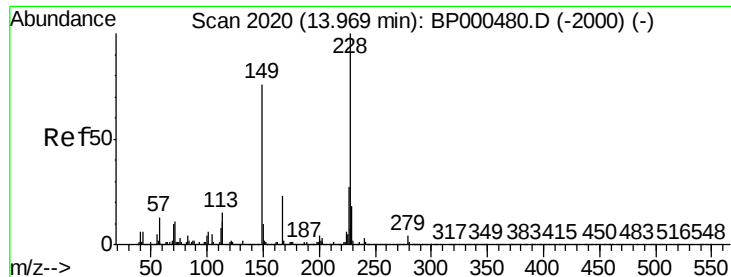


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.345 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

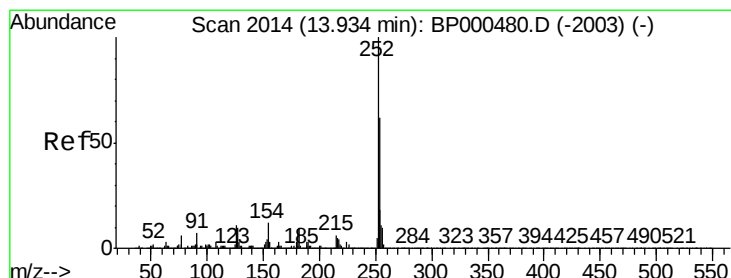
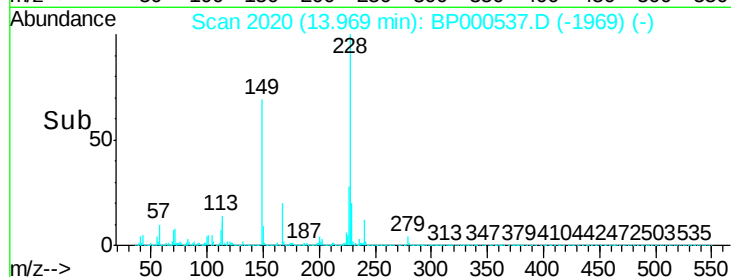
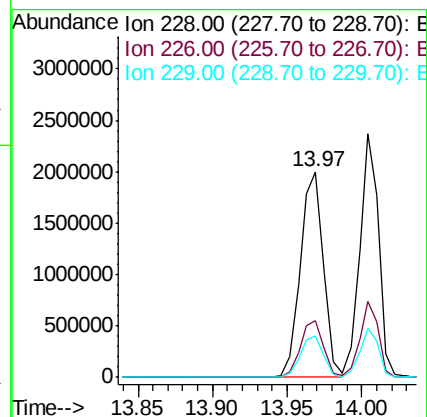
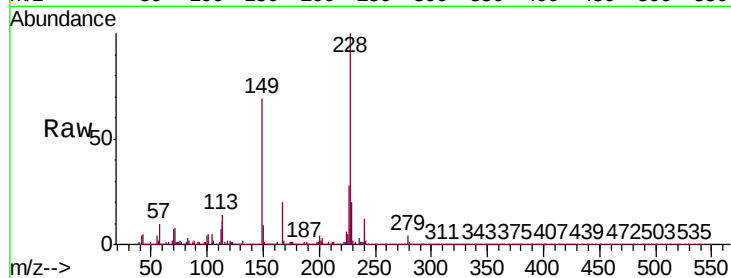
Tgt Ion:228 Resp: 2159185

Ion Ratio Lower Upper

228 100

226 27.8 21.4 32.2

229 19.8 14.7 22.1



#82

3,3'-Dichlorobenzidine

Concen: 21.181 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

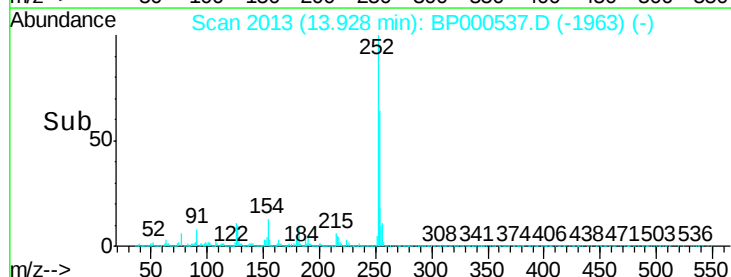
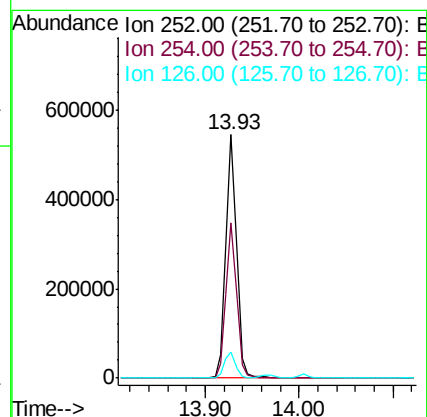
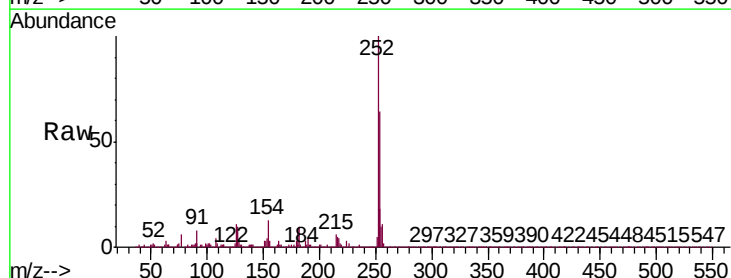
Tgt Ion:252 Resp: 439383

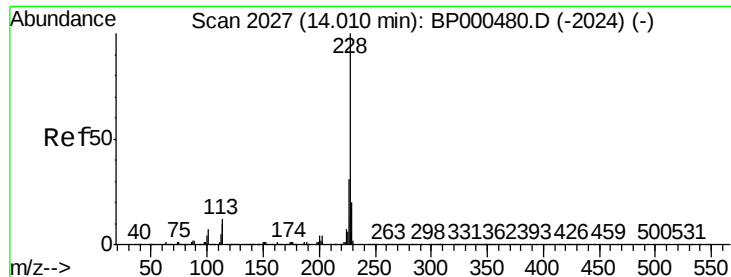
Ion Ratio Lower Upper

252 100

254 64.0 49.8 74.8

126 10.8 8.9 13.3

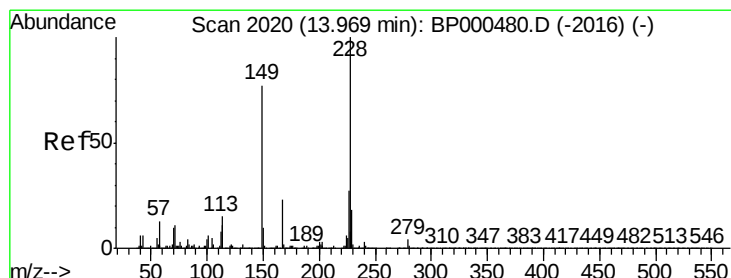
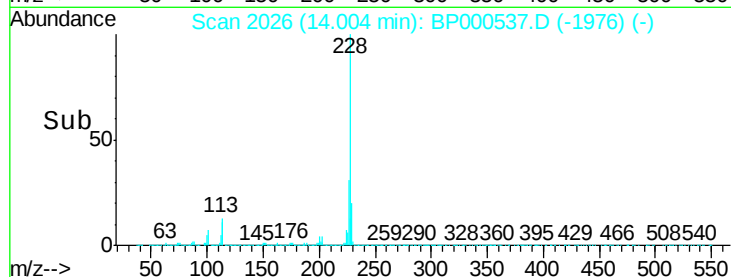
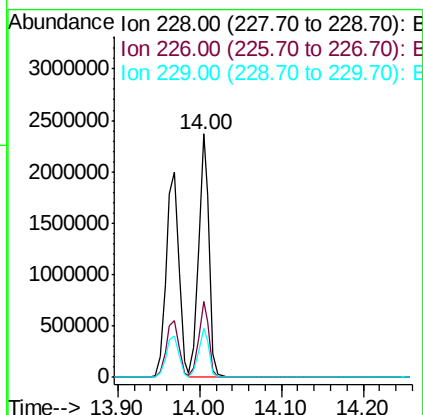
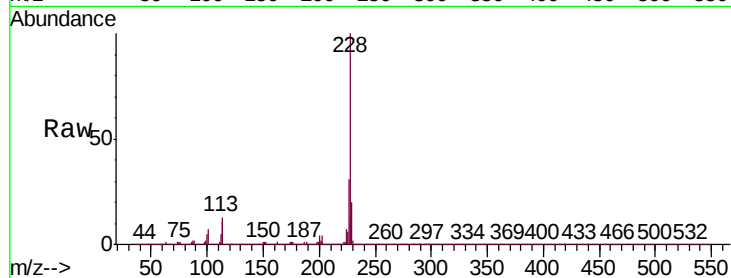




#83
Chrysene
Concen: 41.268 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

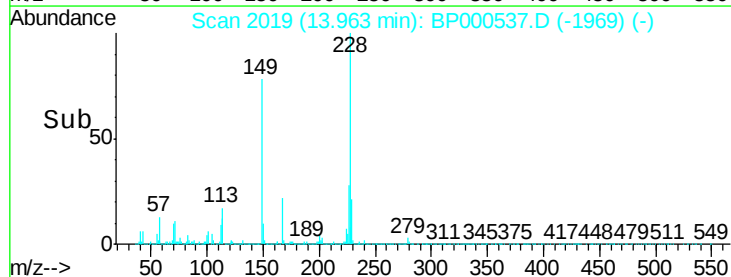
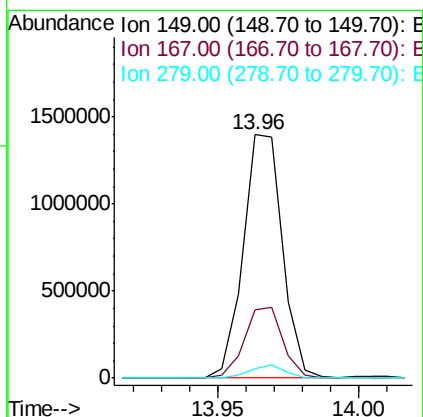
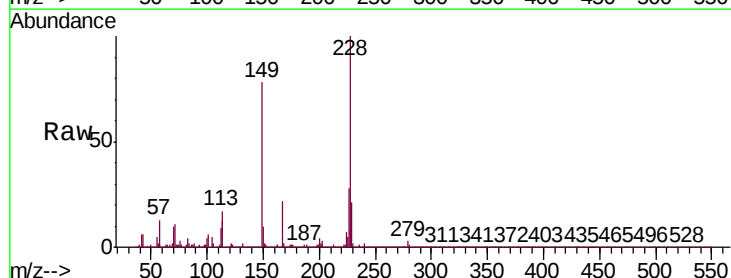
Instrument :
BNA_P
ClientSampleId :
PB123395BS

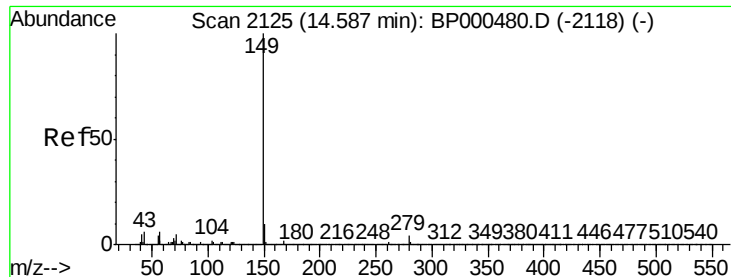
Tgt Ion:228 Resp: 2115302
Ion Ratio Lower Upper
228 100
226 31.4 24.7 37.1
229 20.2 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.460 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion:149 Resp: 1341360
Ion Ratio Lower Upper
149 100
167 27.8 23.6 35.4
279 4.1 3.9 5.9

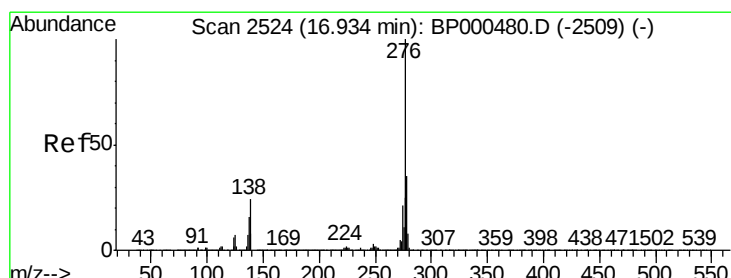
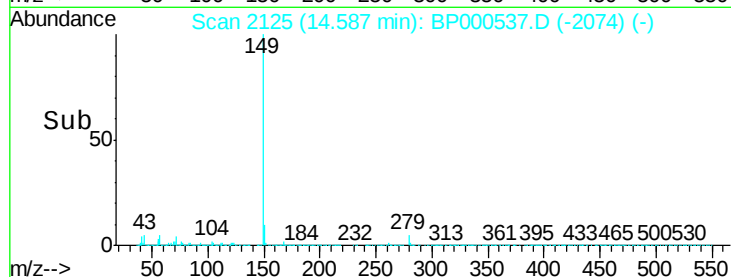
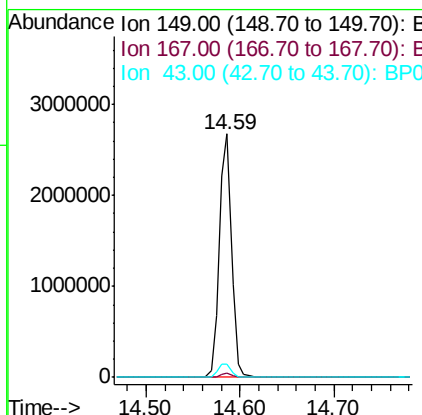
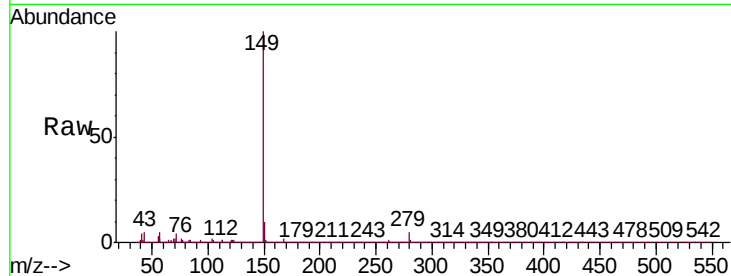




#85
Di-n-octyl phthalate
Concen: 41.629 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

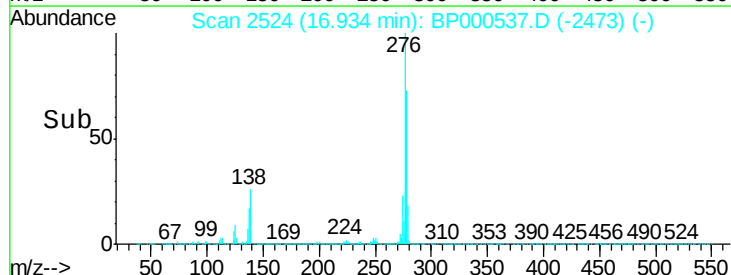
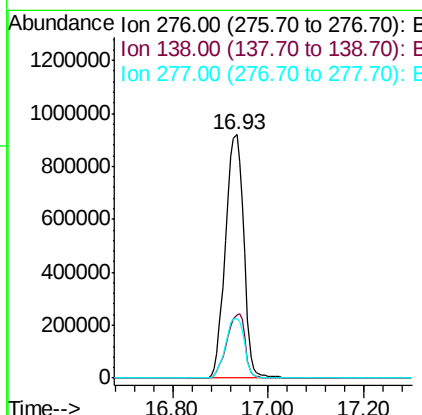
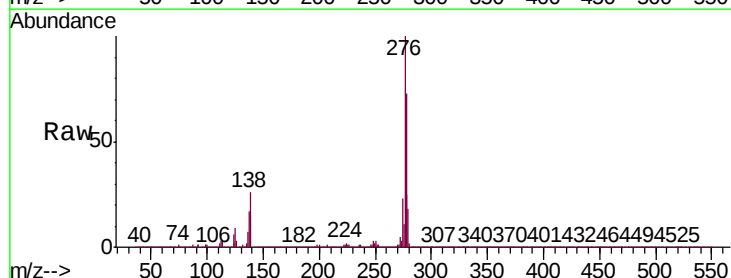
Instrument :
BNA_P
ClientSampleId :
PB123395BS

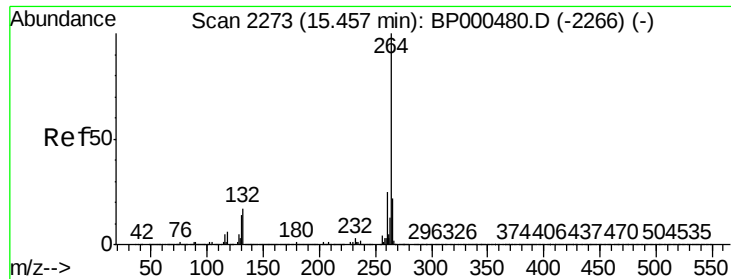
Tgt Ion:149 Resp: 2441170
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 5.9 4.6 7.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.528 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion:276 Resp: 2466854
Ion Ratio Lower Upper
276 100
138 26.6 20.9 31.3
277 25.4 20.6 30.8

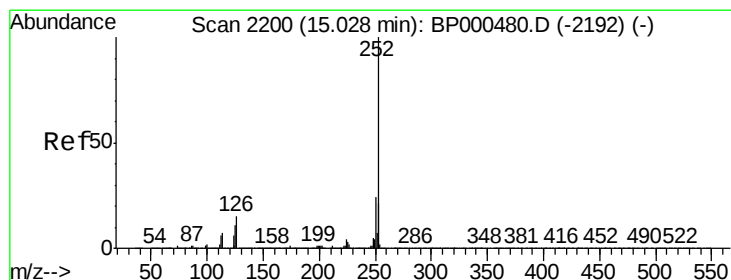
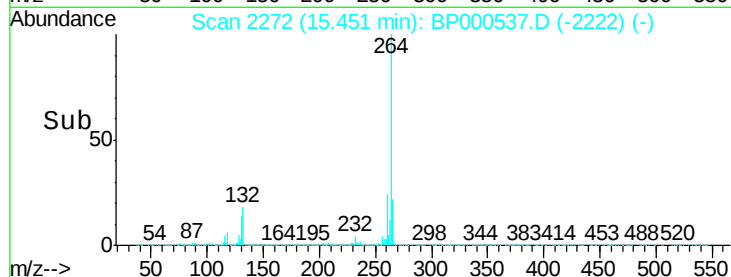
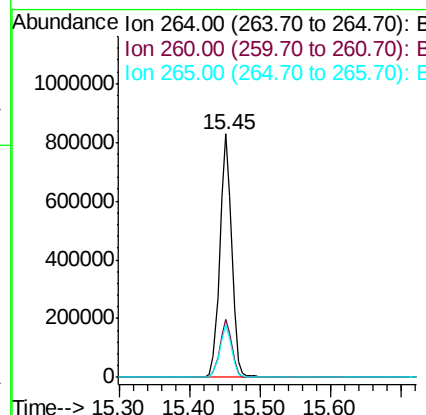
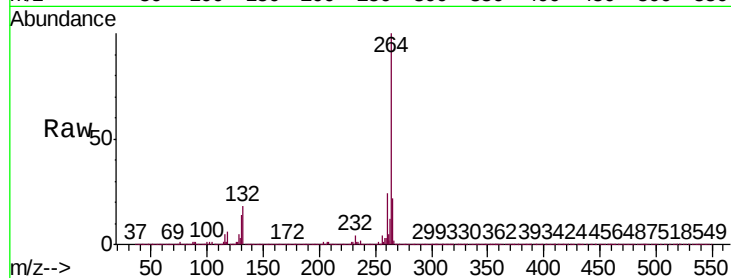




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

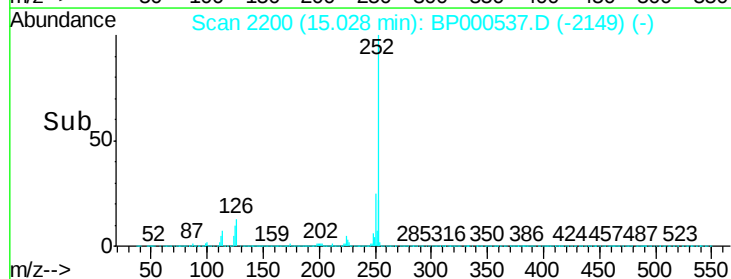
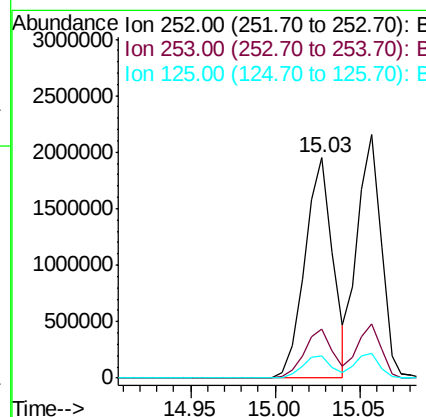
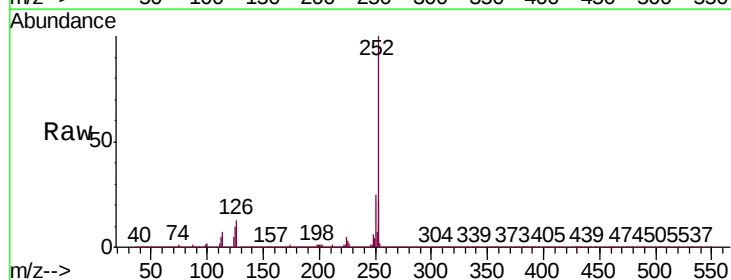
Instrument :
BNA_P
ClientSampleId :
PB123395BS

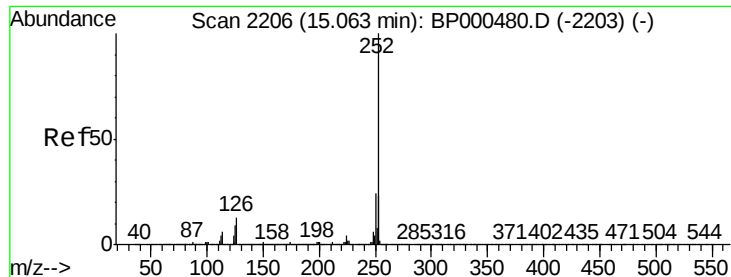
Tgt Ion:264 Resp: 970600
Ion Ratio Lower Upper
264 100
260 24.0 20.3 30.5
265 21.5 18.0 27.0



#88
Benzo(b)fluoranthene
Concen: 40.562 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion:252 Resp: 2233508
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 10.0 8.9 13.3

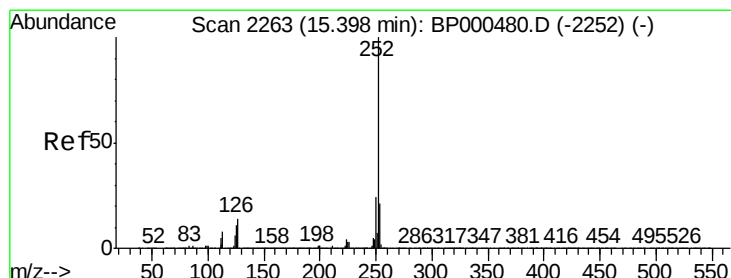
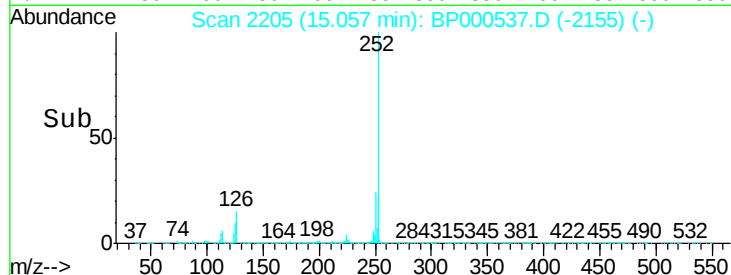
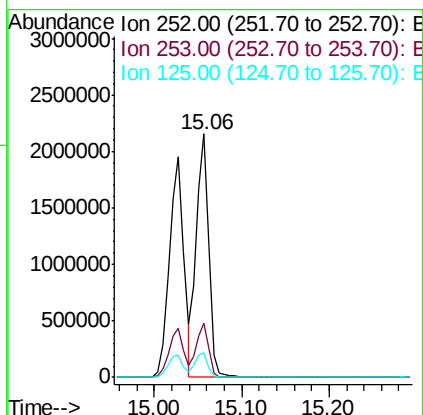
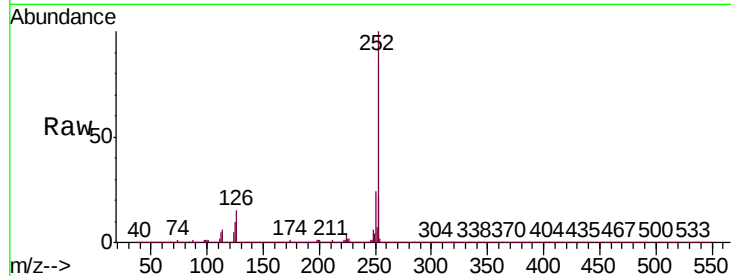




#89
Benzo(k)fluoranthene
Concen: 41.149 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

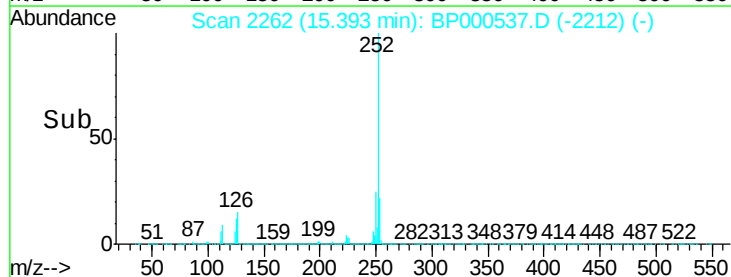
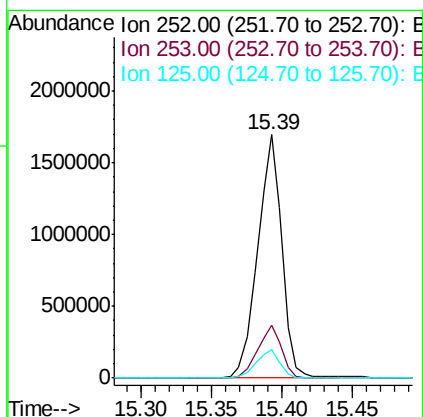
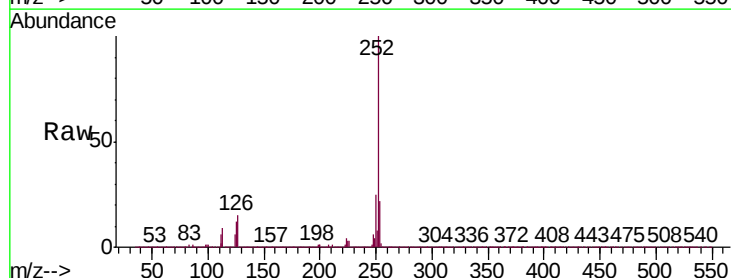
Instrument :
BNA_P
ClientSampleId :
PB123395BS

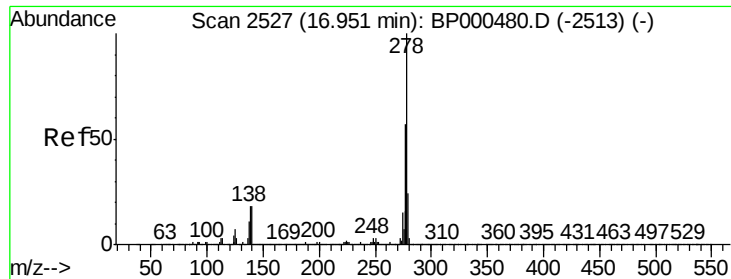
Tgt Ion:252 Resp: 2157205
Ion Ratio Lower Upper
252 100
253 22.4 18.4 27.6
125 10.3 7.8 11.8



#90
Benzo(a)pyrene
Concen: 39.651 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP000537.D
Acq: 07 Oct 2019 12:39

Tgt Ion:252 Resp: 2035333
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.5 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 41.143 ng

RT: 16.95 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

Instrument :

BNA_P

ClientSampleId :

PB123395BS

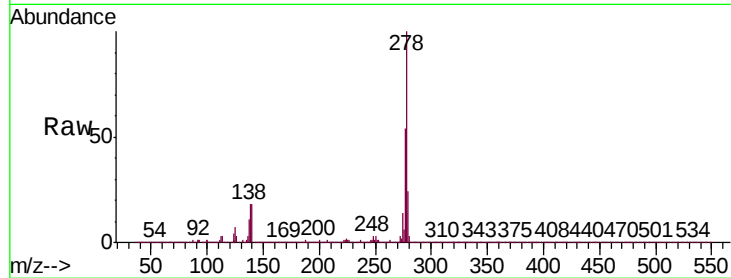
Tgt Ion:278 Resp: 2048268

Ion Ratio Lower Upper

278 100

139 17.7 14.1 21.1

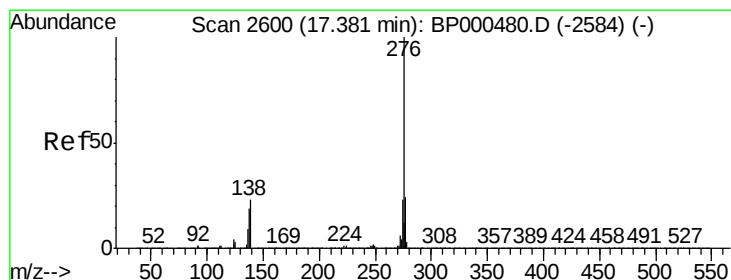
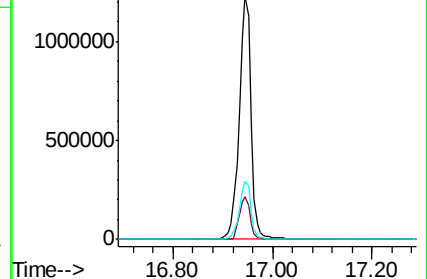
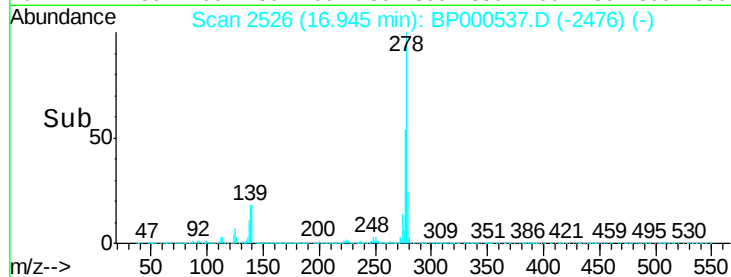
279 23.7 19.5 29.3



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: 40.624 ng

RT: 17.37 min Scan# 2599

Delta R.T. -0.01 min

Lab File: BP000537.D

Acq: 07 Oct 2019 12:39

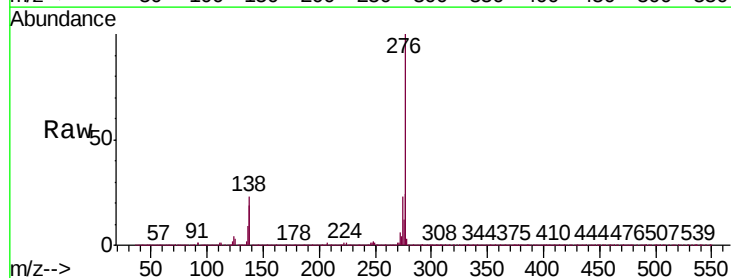
Tgt Ion:276 Resp: 2055058

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.2

138 22.9 18.5 27.7



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

