

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000437.D
 Acq On : 26 Sep 2019 22:25
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 27 05:40:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	215695	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	823544	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	444491	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	810568	20.00	ng	0.00
76) Chrysene-d12	14.01	240	673209	20.00	ng	0.01
87) Perylene-d12	15.49	264	775603	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1102389	88.23	ng	0.01
7) Phenol-d6	6.43	99	1334362	87.13	ng	0.01
23) Nitrobenzene-d5	7.35	82	1110988	87.04	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	374708	84.99	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2283708	92.47	ng	0.00
79) Terphenyl-d14	12.94	244	2709144	84.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	230001	40.793	ng	100
3) Pyridine	3.23	79	648724	42.740	ng	98
4) n-Nitrosodimethylamine	3.17	42	178970	41.816	ng	100
6) Aniline	6.45	93	877526	41.556	ng	# 70
8) 2-Chlorophenol	6.58	128	593223	44.092	ng	100
9) Benzaldehyde	6.34	77	370422	45.762	ng	96
10) Phenol	6.45	94	742701	42.682	ng	73
11) bis(2-Chloroethyl)ether	6.52	93	569071	42.707	ng	99
12) 1,3-Dichlorobenzene	6.73	146	703341	43.564	ng	99
13) 1,4-Dichlorobenzene	6.81	146	712713	44.368	ng	96
14) 1,2-Dichlorobenzene	6.96	146	659318	44.806	ng	99
15) Benzyl Alcohol	6.93	79	467520	41.948	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	530801	42.017	ng	97
17) 2-Methylphenol	7.05	107	491614	42.662	ng	99
18) Hexachloroethane	7.30	117	184091	30.968	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	345820	42.707	ng	99
20) 3+4-Methylphenols	7.20	107	619563	44.462	ng	# 80
22) Acetophenone	7.20	105	813008	45.554	ng	98
24) Nitrobenzene	7.37	77	571359	43.096	ng	97
25) Isophorone	7.61	82	1039107	41.112	ng	99
26) 2-Nitrophenol	7.69	139	278638	39.644	ng	93
27) 2,4-Dimethylphenol	7.73	122	467965	41.799	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	717906	42.706	ng	100
29) 2,4-Dichlorophenol	7.94	162	517249	43.107	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	602066	43.776	ng	98
31) Naphthalene	8.10	128	1684925	44.176	ng	99
32) Benzoic acid	7.84	122	277571	36.719	ng	96
33) 4-Chloroaniline	8.15	127	735719	42.622	ng	99
34) Hexachlorobutadiene	8.22	225	353079	43.327	ng	100
35) Caprolactam	8.50	113	172181	42.182	ng	99
36) 4-Chloro-3-methylphenol	8.63	107	506227	41.559	ng	99
37) 2-Methylnaphthalene	8.79	142	1151176	44.151	ng	98
38) 1-Methylnaphthalene	8.89	142	1082569	44.324	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	580170	45.651	ng	99

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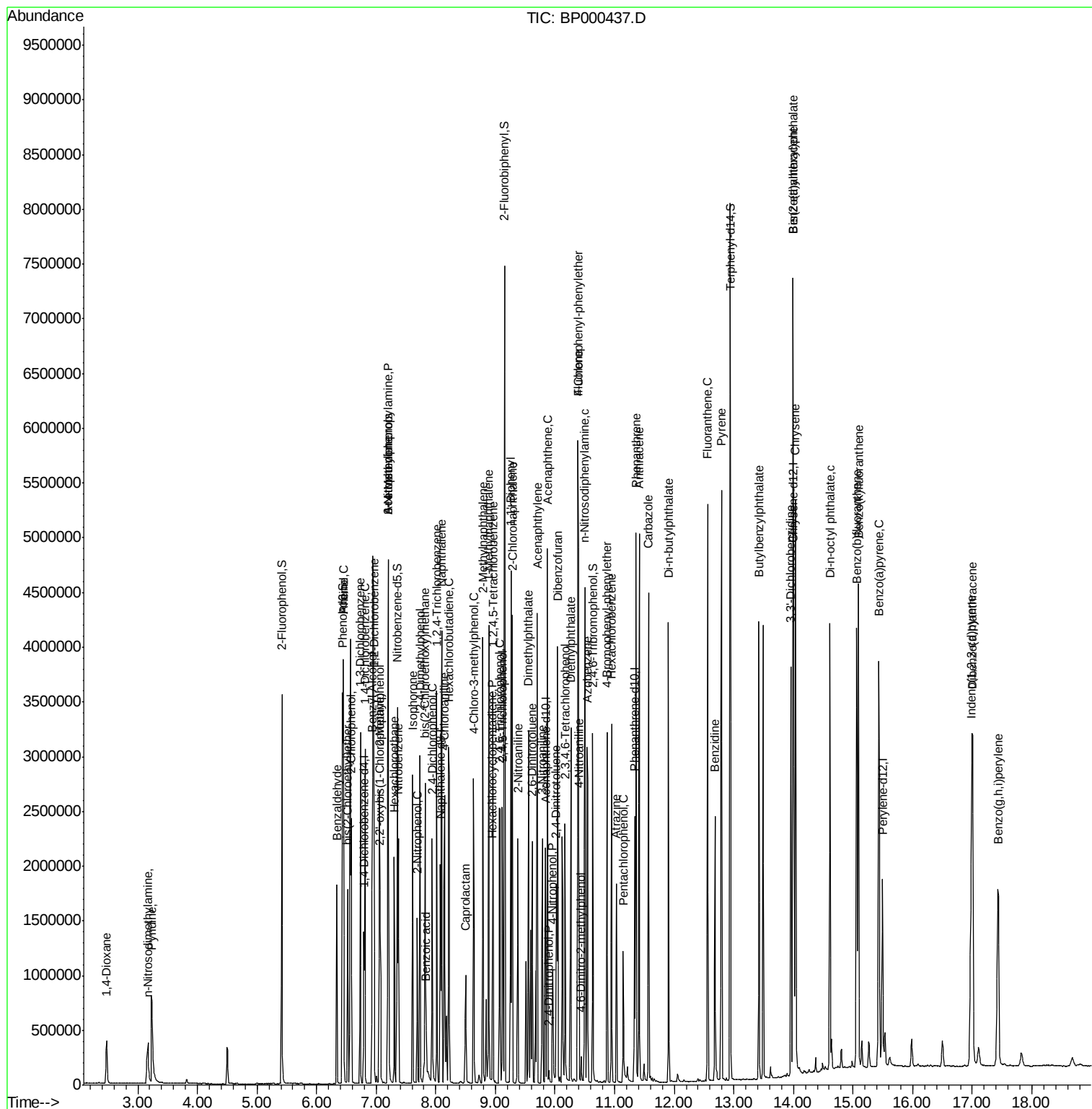
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	26473	3.628	ng	100
43) 2,4,6-Trichlorophenol	9.08	196	379537	43.159	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	387882	43.076	ng	97
46) 1,1'-Biphenyl	9.26	154	1393281	45.311	ng	98
47) 2-Chloronaphthalene	9.28	162	1135368	44.017	ng	98
48) 2-Nitroaniline	9.38	65	295345	45.088	ng	95
49) Acenaphthylene	9.70	152	1726268	44.522	ng	99
50) Dimethylphthalate	9.56	163	1344360	44.392	ng	99
51) 2,6-Dinitrotoluene	9.62	165	279757	42.014	ng	97
52) Acenaphthene	9.87	154	1021764	41.759	ng	100
53) 3-Nitroaniline	9.79	138	354600	45.879	ng	97
54) 2,4-Dinitrophenol	9.90	184	17270	5.871	ng	97
55) Dibenzofuran	10.05	168	1559107	45.075	ng	98
56) 4-Nitrophenol	9.96	139	212447	36.956	ng	94
57) 2,4-Dinitrotoluene	10.02	165	362230	41.612	ng	# 85
58) Fluorene	10.39	166	1195579	44.751	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	312050	42.115	ng	99
60) Diethylphthalate	10.26	149	1299856	44.620	ng	98
61) 4-Chlorophenyl-phenylether	10.38	204	630560	45.980	ng	97
62) 4-Nitroaniline	10.40	138	362960	47.744	ng	98
63) Azobenzene	10.54	77	1089893	44.159	ng	96
65) 4,6-Dinitro-2-methylphenol	10.44	198	31352	8.226	ng	98
66) n-Nitrosodiphenylamine	10.50	169	1073739	44.004	ng	100
67) 4-Bromophenyl-phenylether	10.87	248	396193	43.224	ng	97
68) Hexachlorobenzene	10.95	284	429960	42.907	ng	96
69) Atrazine	11.03	200	238906	34.894	ng	98
70) Pentachlorophenol	11.15	266	170091	31.166	ng	97
71) Phenanthrene	11.36	178	1834072	45.152	ng	100
72) Anthracene	11.41	178	1826545	43.686	ng	100
73) Carbazole	11.57	167	1695939	45.041	ng	99
74) Di-n-butylphthalate	11.90	149	2094497	43.947	ng	99
75) Fluoranthene	12.56	202	1986055	45.534	ng	98
77) Benzidine	12.68	184	1007676	41.911	ng	99
78) Pyrene	12.79	202	2032891	40.361	ng	100
80) Butylbenzylphthalate	13.42	149	914377	39.509	ng	97
81) Benzo(a)anthracene	14.00	228	1816975	42.727	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	760525	44.500	ng	# 98
83) Chrysene	14.03	228	1775744	42.529	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1211826	43.619	ng	100
85) Di-n-octyl phthalate	14.61	149	2162015	41.988	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	1789815	35.167	ng	99
88) Benzo(b)fluoranthene	15.06	252	1919769	41.491	ng	99
89) Benzo(k)fluoranthene	15.09	252	1893747	46.921	ng	99
90) Benzo(a)pyrene	15.43	252	1785836	42.417	ng	100
91) Dibenzo(a,h)anthracene	17.00	278	1480466	37.716	ng	99
92) Benzo(g,h,i)perylene	17.43	276	1339921	33.210	ng	99

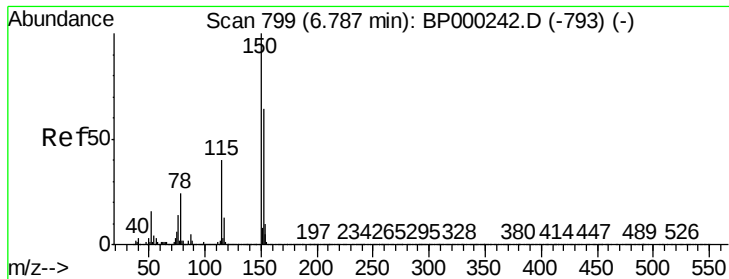
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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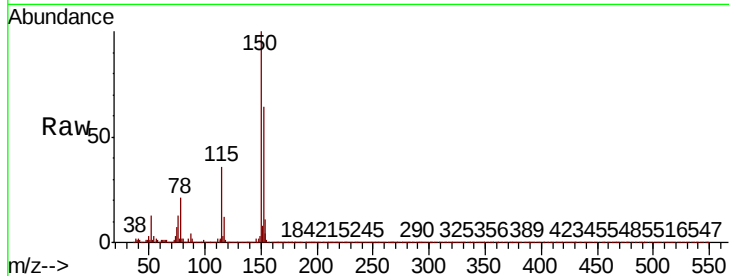


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.2	187.8
115	56.8	49.7	74.5

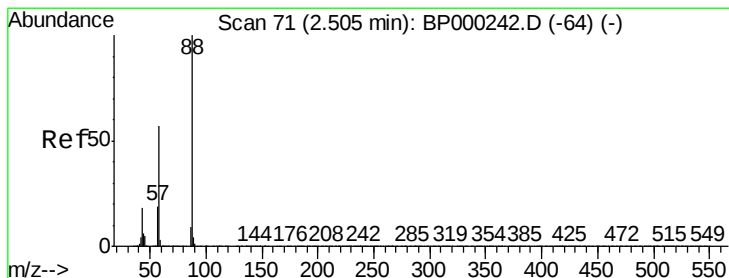
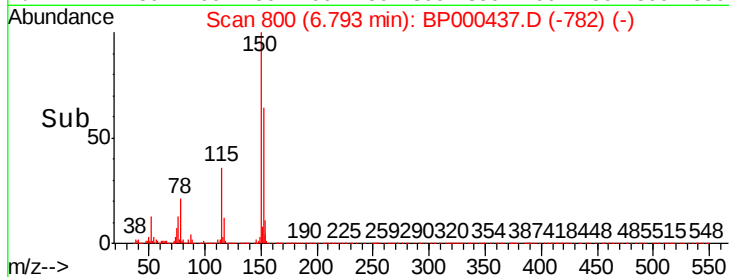
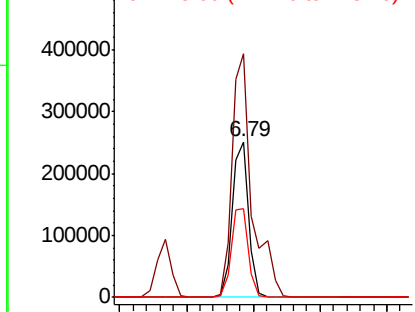


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

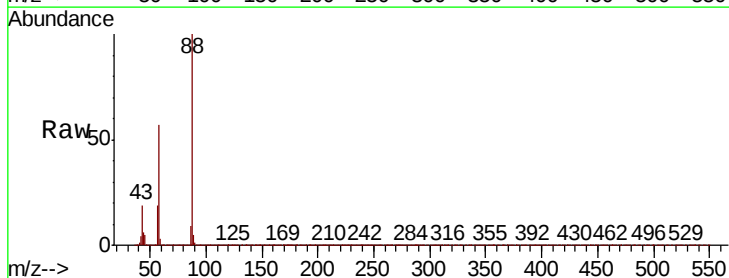
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.793 ng
RT: 2.48 min Scan# 66
Delta R.T. -0.03 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.9	45.4	68.2
43	18.9	15.0	22.6

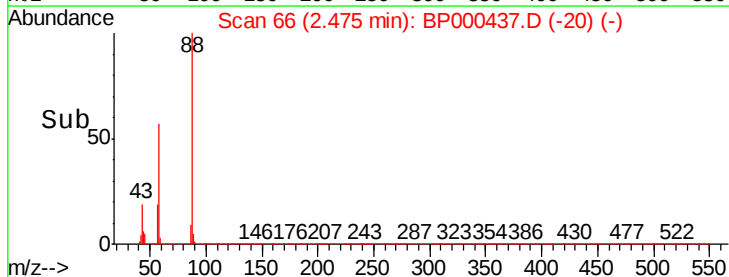
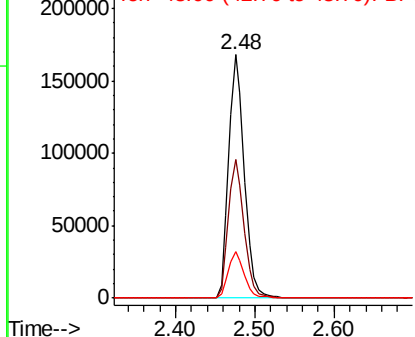


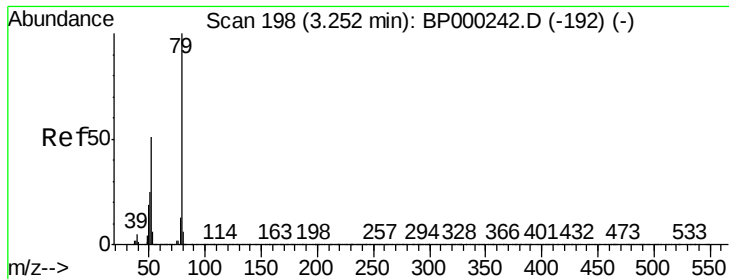
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 42.740 ng

RT: 3.23 min Scan# 194

Delta R.T. -0.02 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

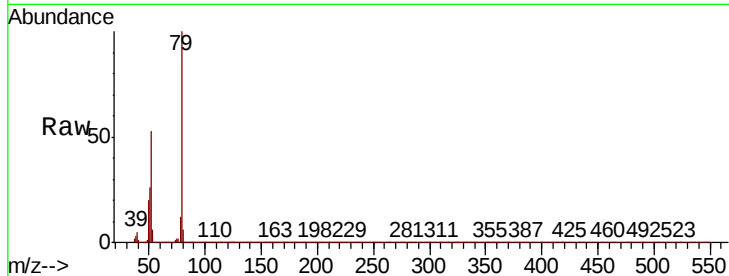
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 79 Resp: 648724

Ion	Ratio	Lower	Upper
79	100		
52	52.7	40.9	61.3
51	26.0	20.2	30.2



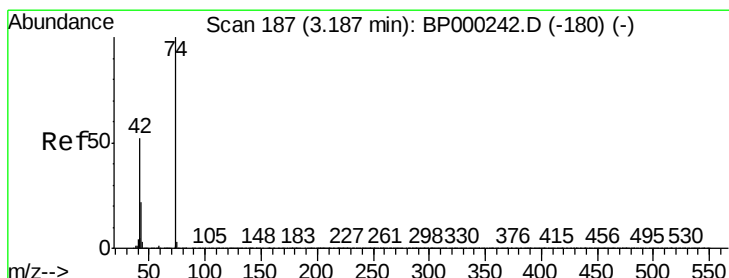
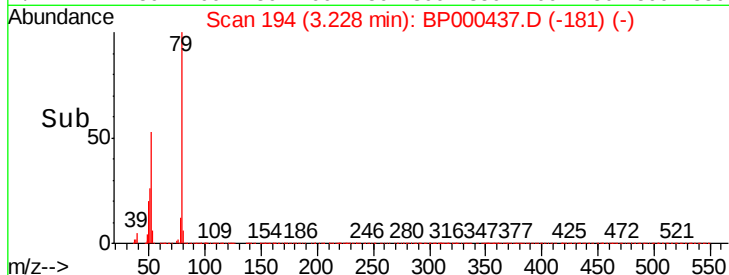
Abundance

Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Time-->



#4

n-Nitrosodimethylamine

Concen: 41.816 ng

RT: 3.17 min Scan# 184

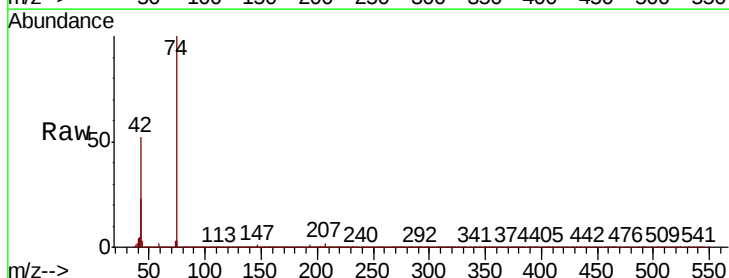
Delta R.T. -0.02 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Tgt Ion: 42 Resp: 178970

Ion	Ratio	Lower	Upper
42	100		
74	193.1	154.5	231.7
44	6.7	5.9	8.9



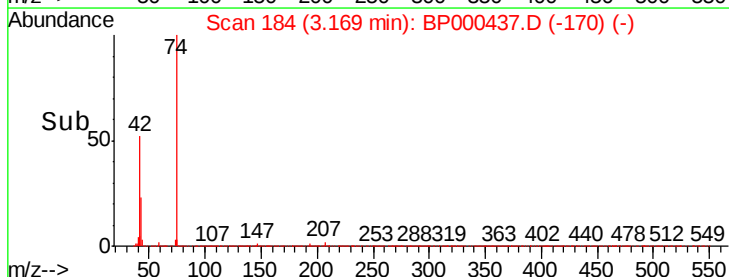
Abundance

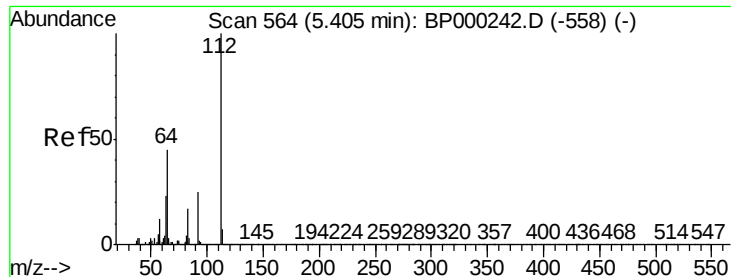
Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0

Time-->





#5

2-Fluorophenol

Concen: 88.232 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

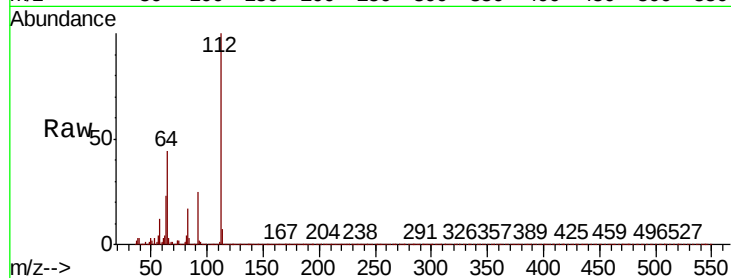
Tot Ion: 112 Resp: 1102389

Ion Ratio Lower Upper

112 100

64 43.9 36.2 54.4

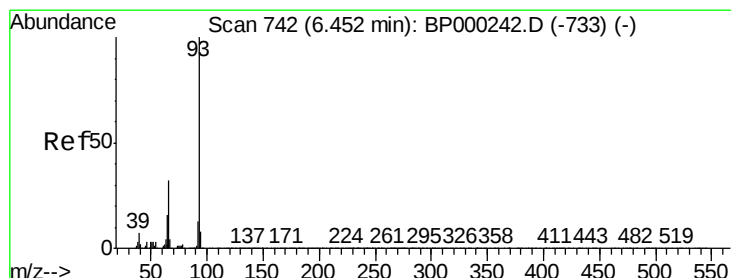
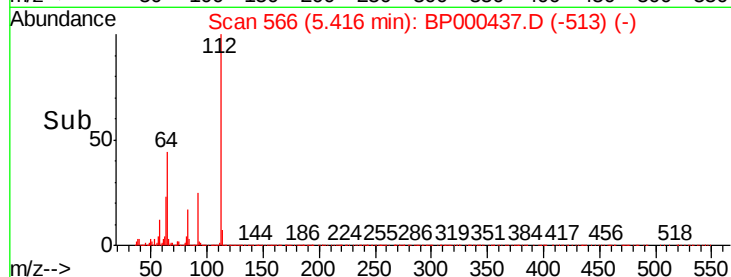
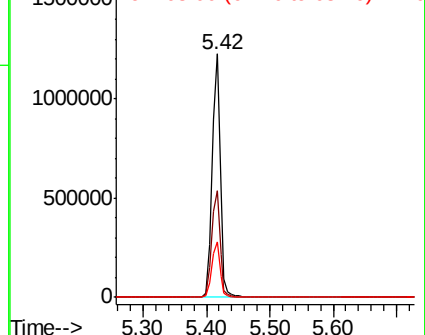
63 22.6 18.3 27.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 41.556 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

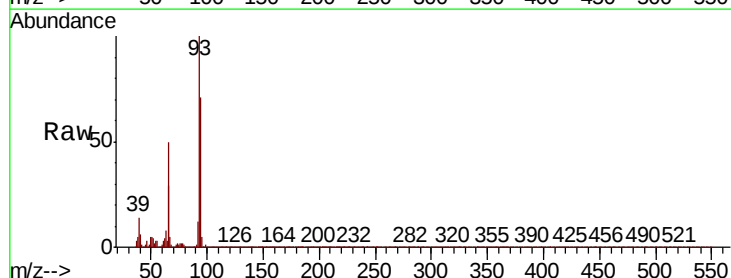
Tgt Ion: 93 Resp: 877526

Ion Ratio Lower Upper

93 100

66 49.6 26.2 39.2#

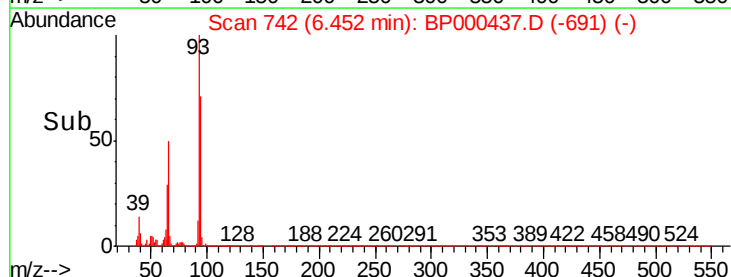
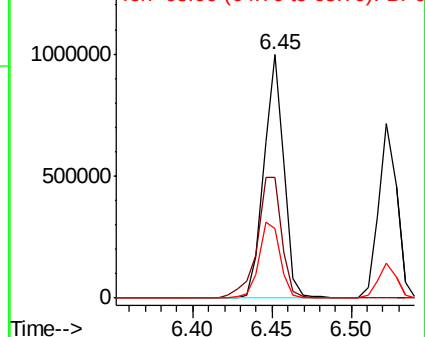
65 28.8 12.7 19.1#

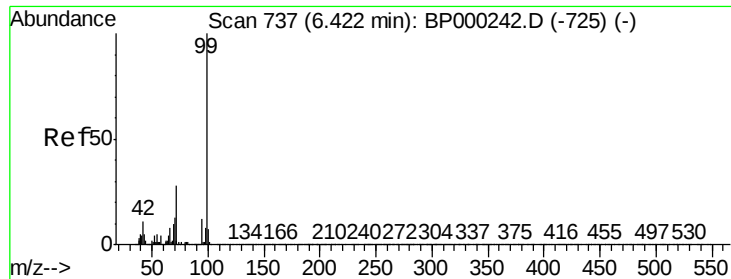


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 87.126 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

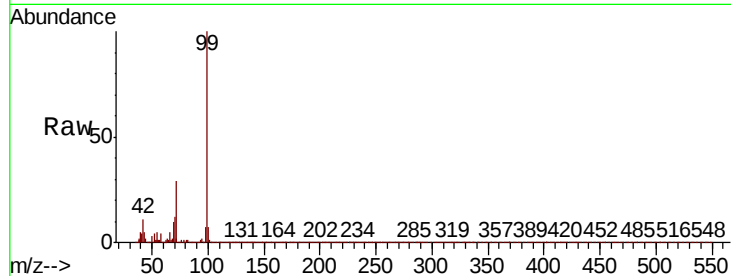
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1334362

Ion	Ratio	Lower	Upper
99	100		
42	10.9	8.5	12.7
71	28.5	22.6	34.0

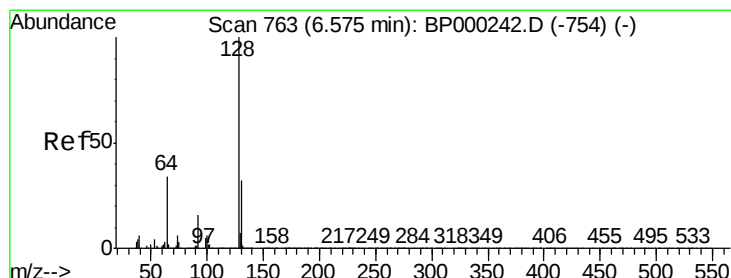
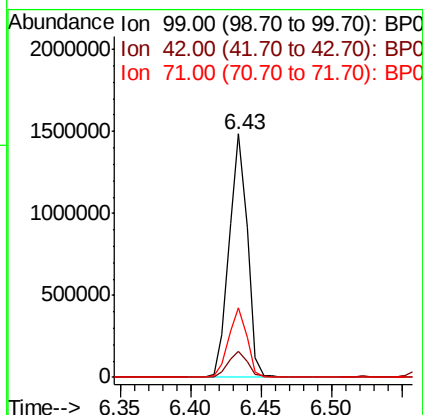
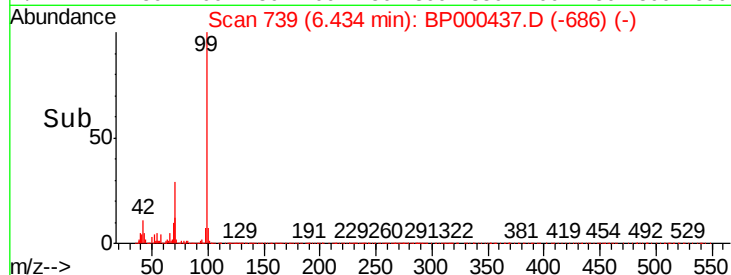


Abundance

Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 44.092 ng

RT: 6.58 min Scan# 764

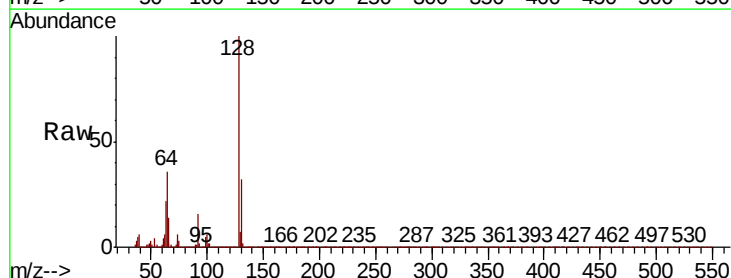
Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Tgt Ion: 128 Resp: 593223

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.5	52.5
64	35.9	16.0	56.0

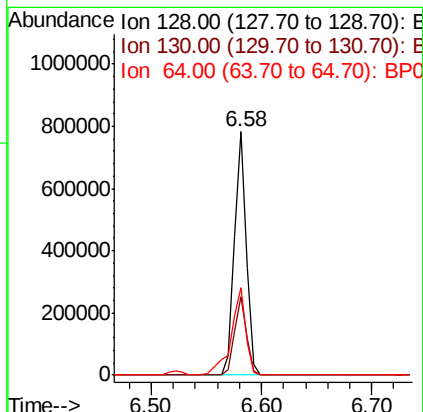
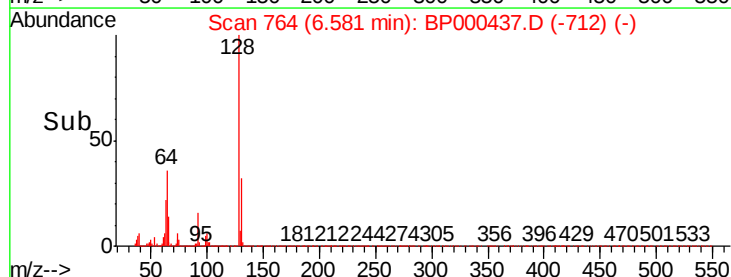


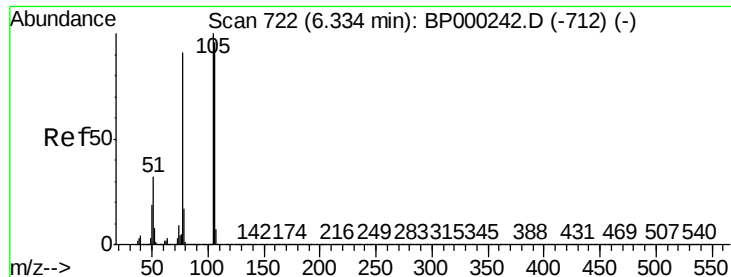
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 45.762 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

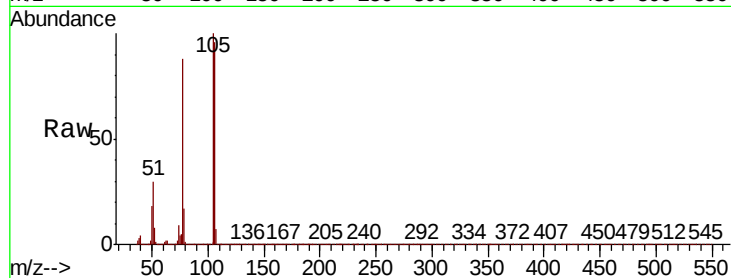
Tot Ion: 77 Resp: 370422

Ion Ratio Lower Upper

77 100

105 113.2 89.6 129.6

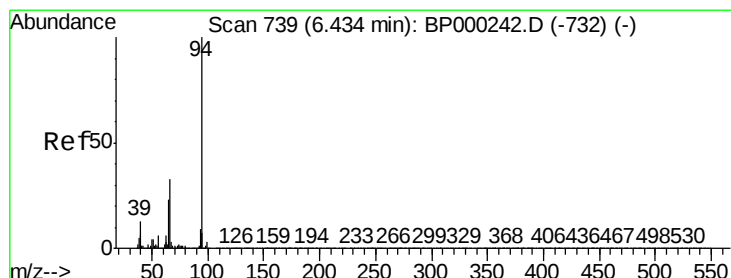
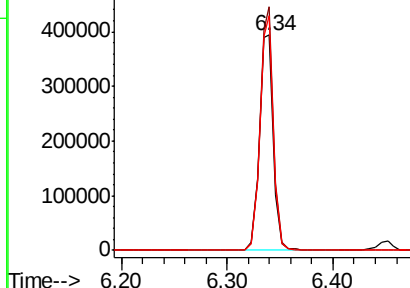
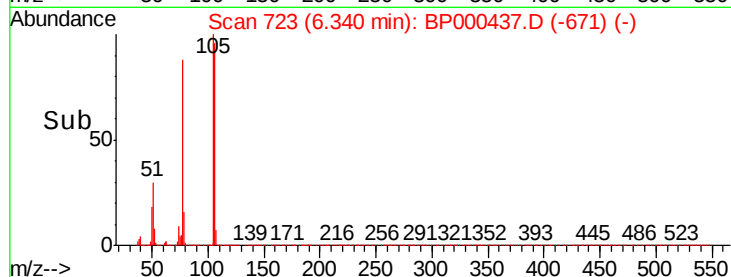
106 109.0 84.6 124.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.682 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

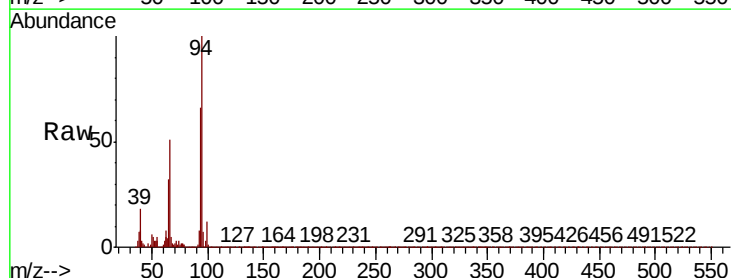
Tgt Ion: 94 Resp: 742701

Ion Ratio Lower Upper

94 100

65 32.2 3.3 43.3

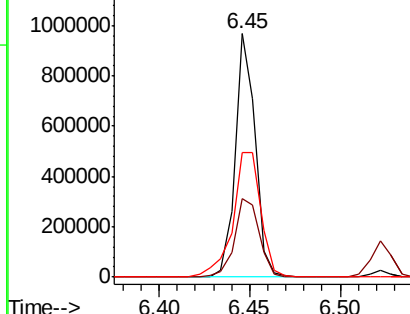
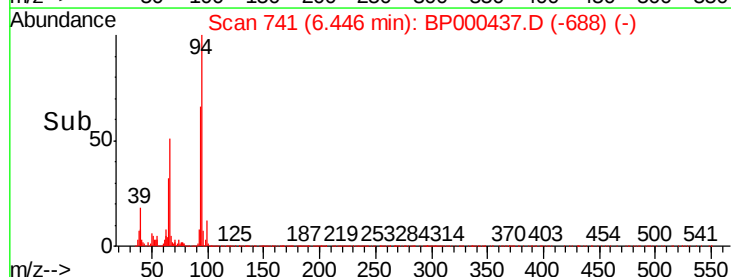
66 51.2 12.7 52.7

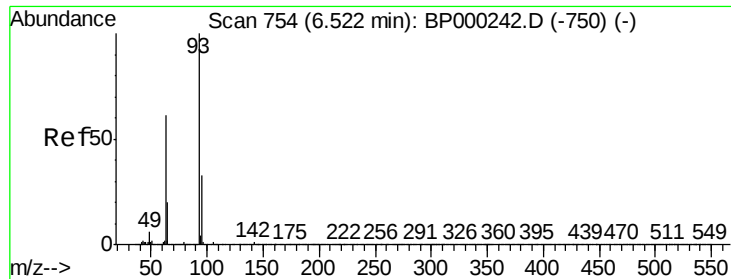


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

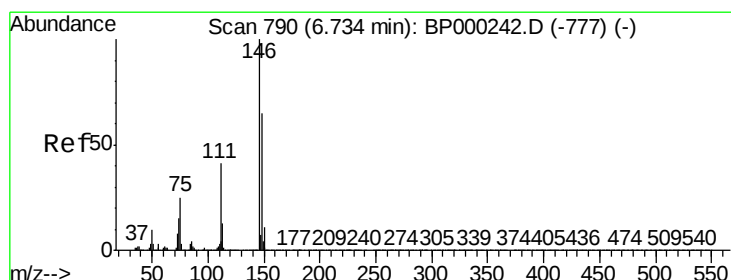
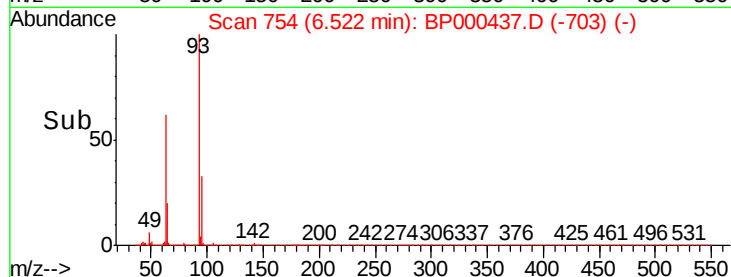
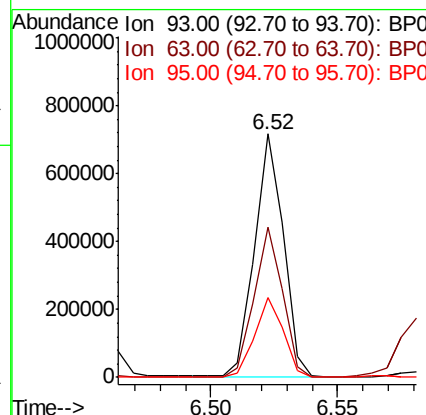
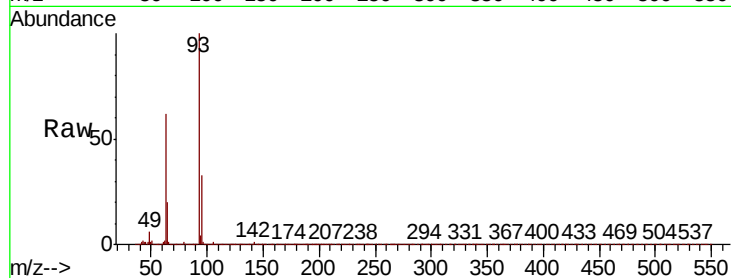




#11
bis(2-Chloroethyl)ether
Concen: 42.707 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

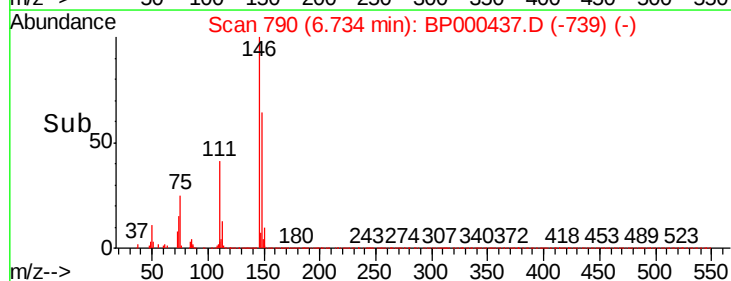
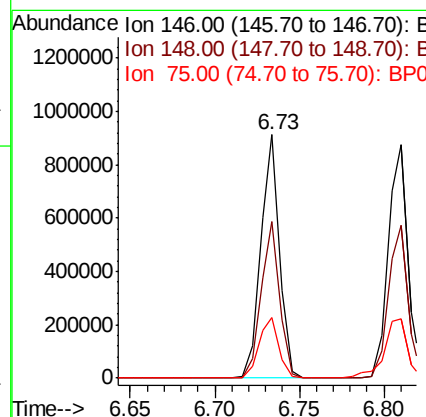
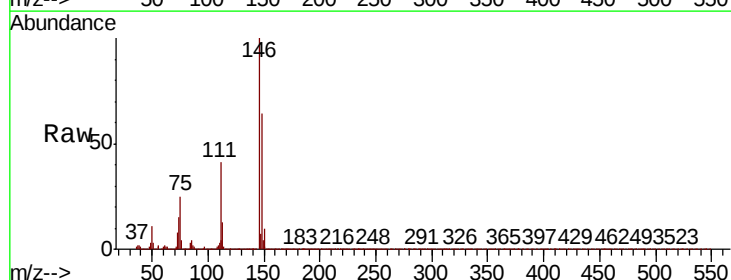
Instrument :
BNA_P
ClientSampled :

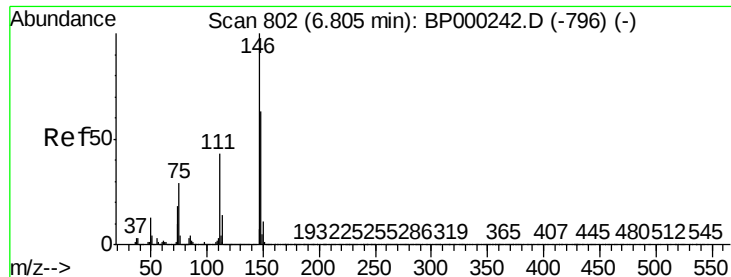
Tot Ion	Ratio	Lower	Upper
93	100		
63	61.6	41.0	81.0
95	32.6	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 43.564 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.1	78.1
75	25.1	20.2	30.4





#13

1,4-Dichlorobenzene

Concen: 44.368 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.01 min

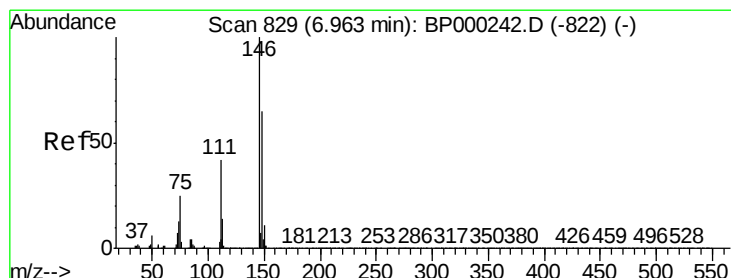
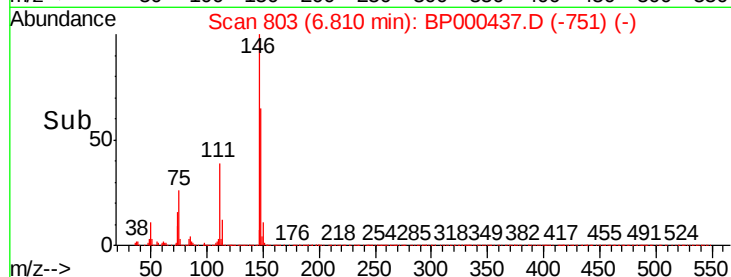
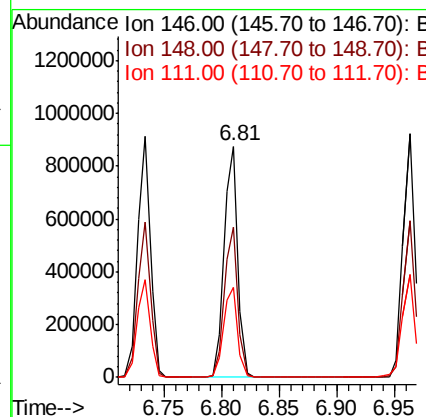
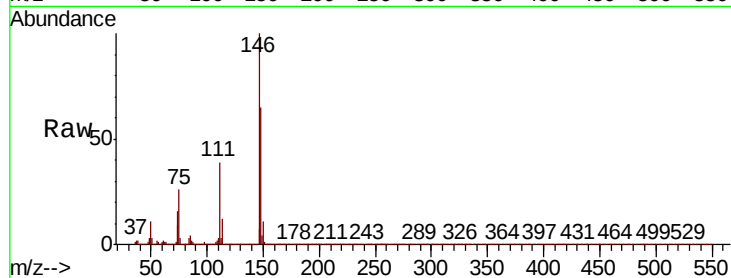
Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 712713

Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.7	76.1
111	39.1	34.1	51.1



#14

1,2-Dichlorobenzene

Concen: 44.806 ng

RT: 6.96 min Scan# 829

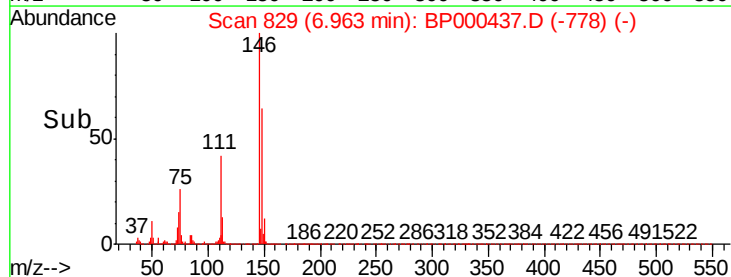
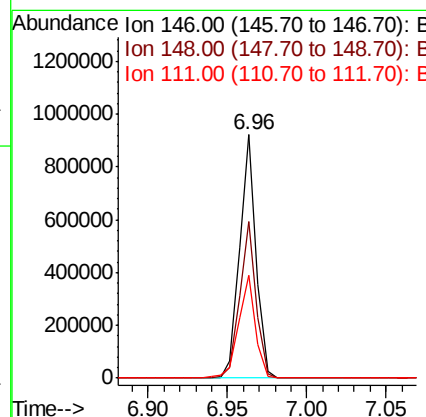
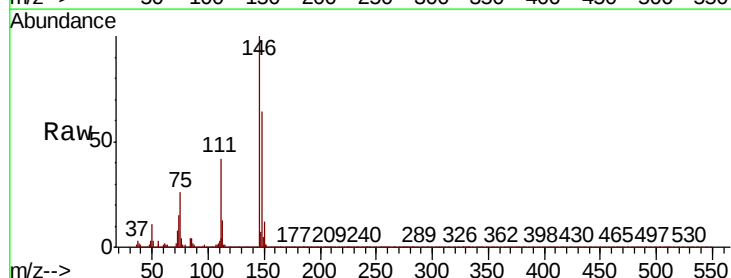
Delta R.T. -0.00 min

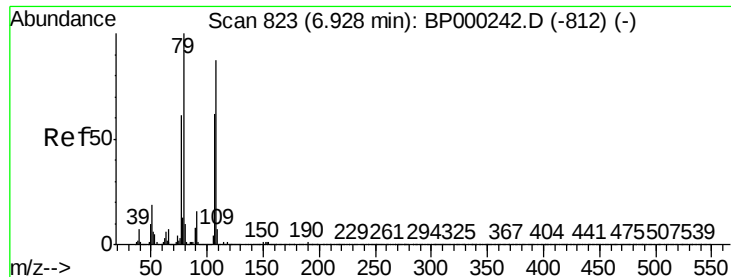
Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Tgt Ion:146 Resp: 659318

Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.7	77.5
111	42.2	33.4	50.2





#15

Benzyl Alcohol

Concen: 41.948 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :

BNA_P

ClientSampled :

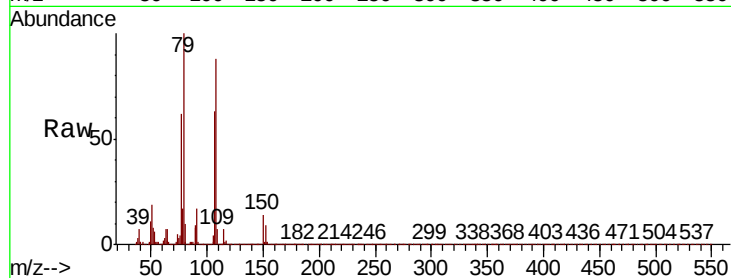
Tot Ion: 79 Resp: 467520

Ion Ratio Lower Upper

79 100

108 88.3 69.2 103.8

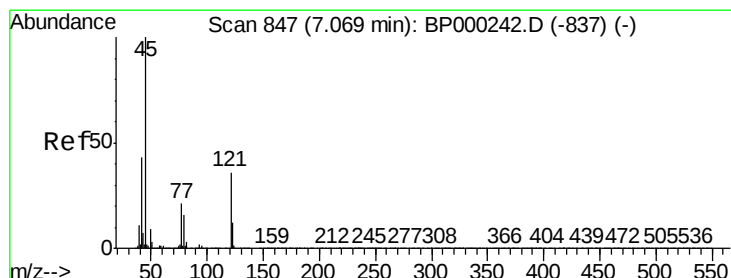
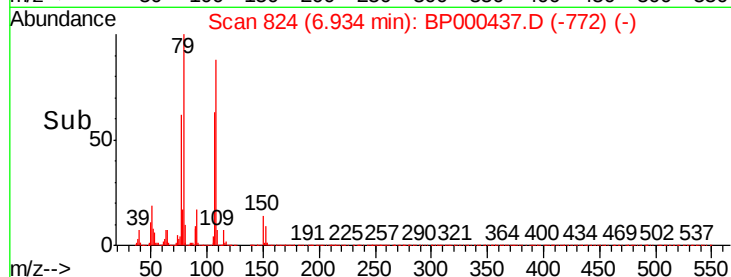
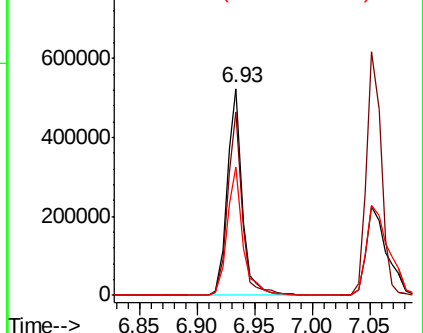
77 62.0 48.7 73.1



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): BP0

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.017 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.00 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

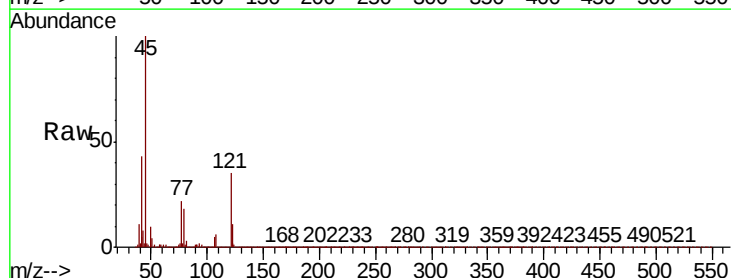
Tgt Ion: 45 Resp: 530801

Ion Ratio Lower Upper

45 100

77 22.2 0.7 40.7

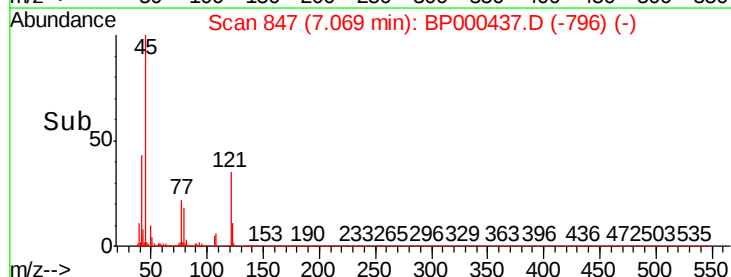
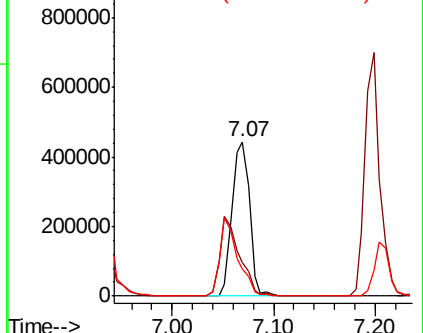
79 17.8 0.0 36.4

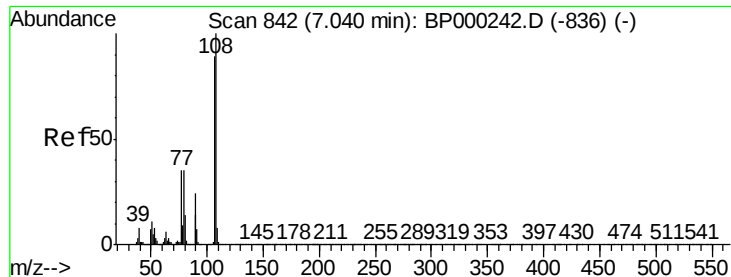


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

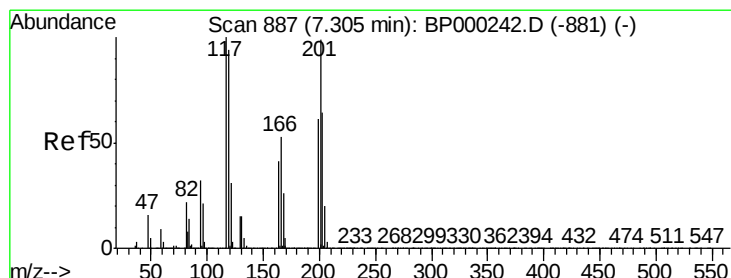
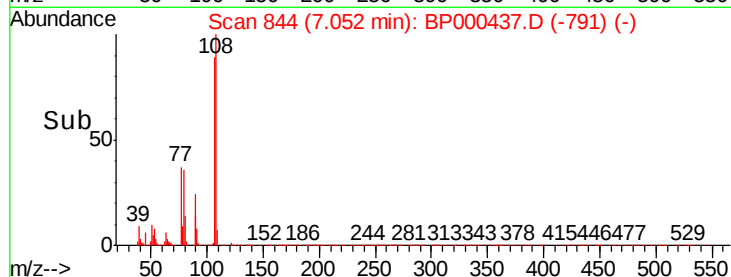
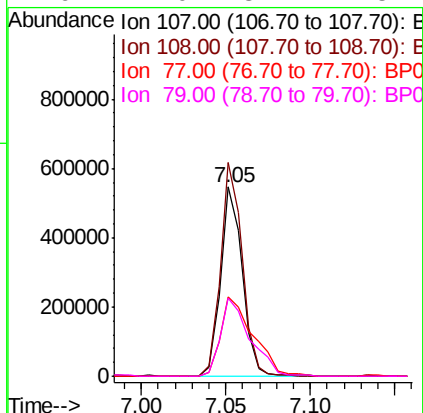
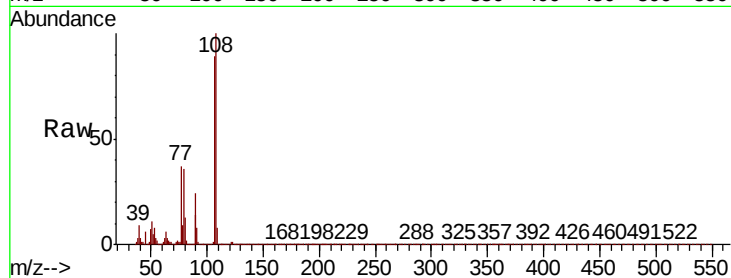




#17
2-Methylphenol
Concen: 42.662 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

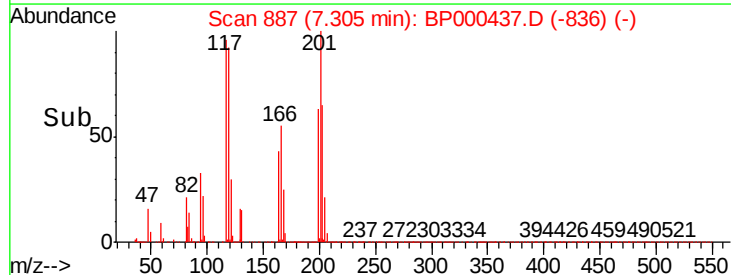
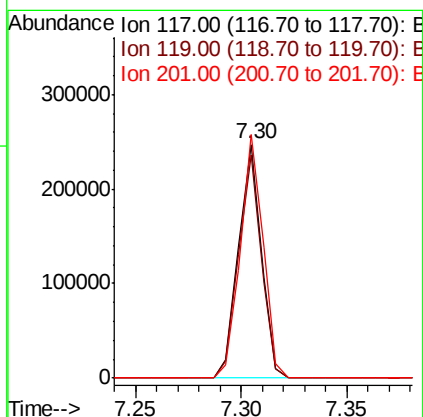
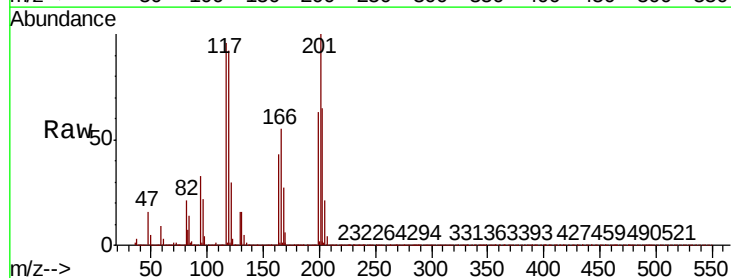
Instrument :
BNA_P
ClientSampled :

Tot Ion:	107	Resp:	491614
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.1	135.1
77	42.0	31.5	47.3
79	41.0	32.2	48.2



#18
Hexachloroethane
Concen: 30.968 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:	117	Resp:	184091
Ion	Ratio	Lower	Upper
117	100		
119	95.6	75.6	113.4
201	104.3	79.4	119.2

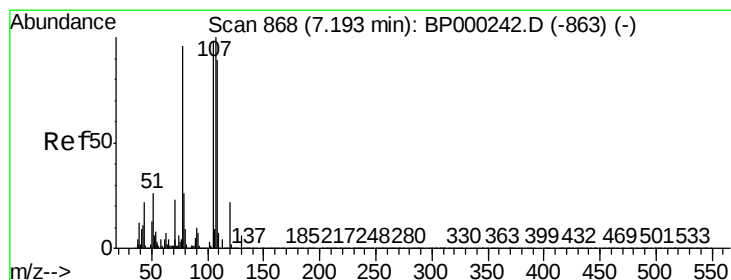
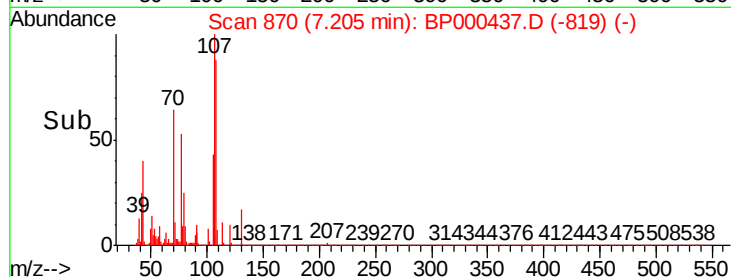
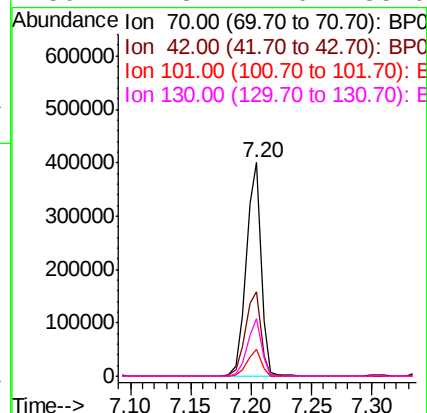
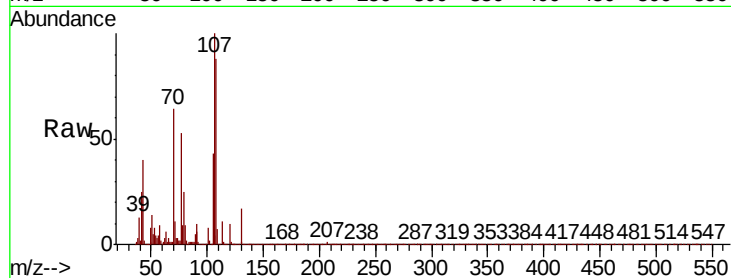




#19
n-Nitroso-di-n-propylamine
Concen: 42.707 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

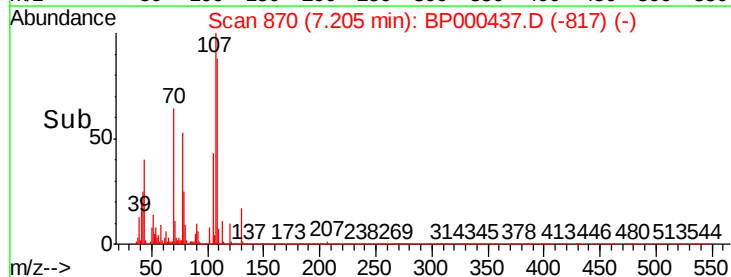
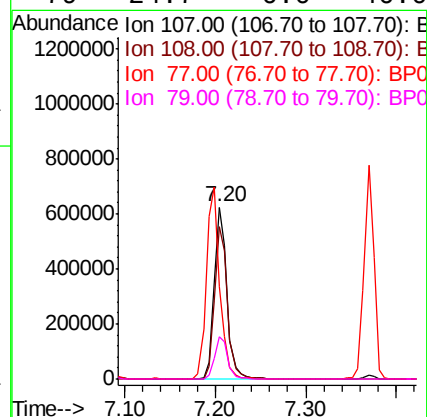
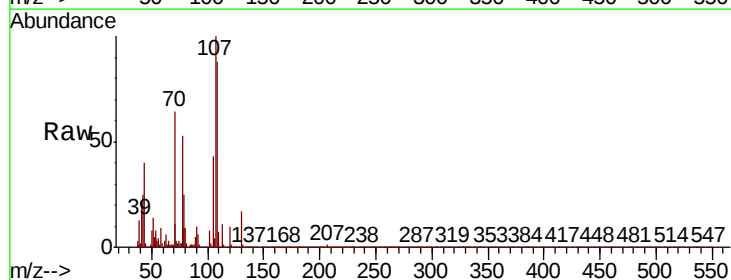
Instrument :
BNA_P
ClientSampleId :

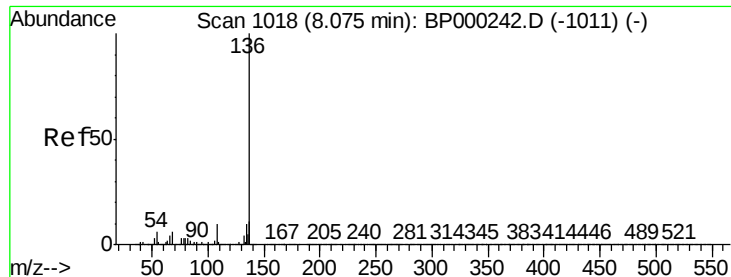
Tot Ion:	70	Resp:	345820
Ion	Ratio	Lower	Upper
70	100		
42	39.6	30.7	46.1
101	12.4	9.6	14.4
130	27.3	22.0	33.0



#20
3+4-Methylphenols
Concen: 44.462 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:	107	Resp:	619563
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.8	108.8
77	53.5	75.7	115.7#
79	24.7	6.0	46.0

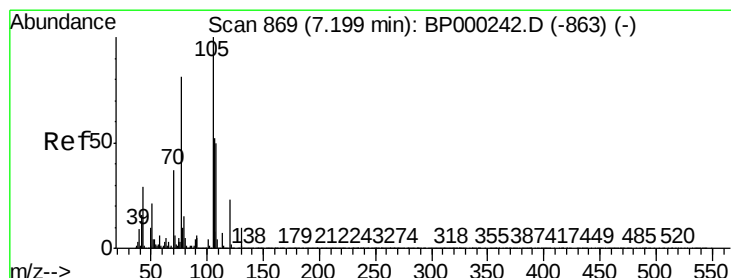
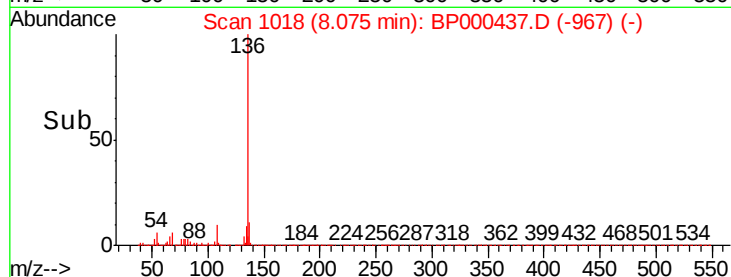
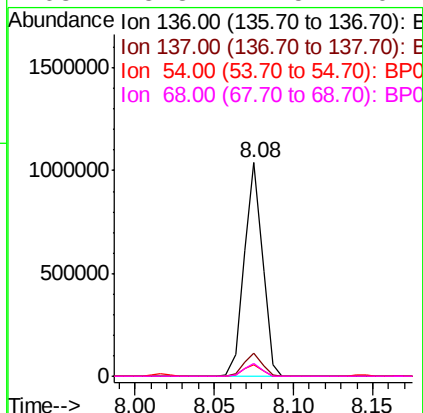
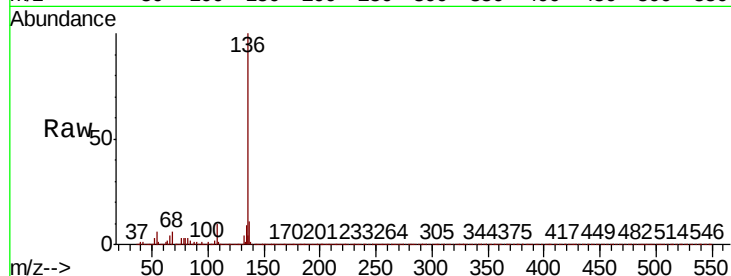




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

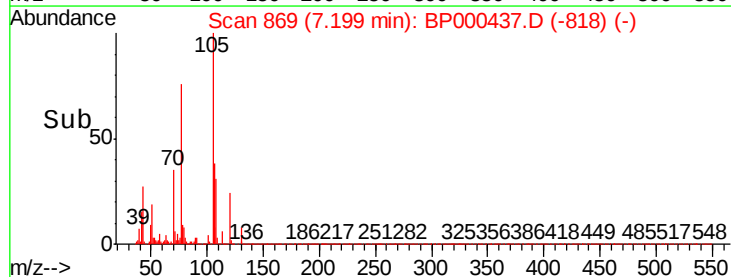
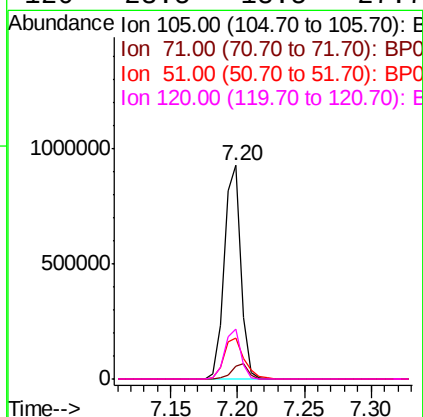
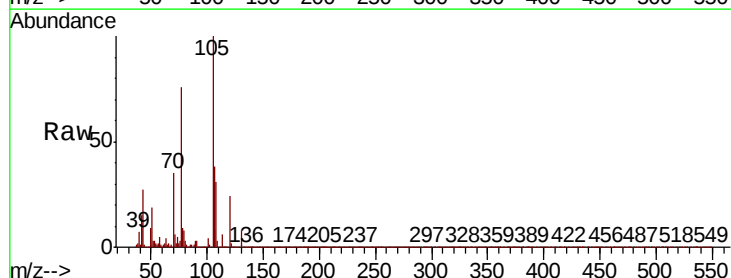
Instrument :
BNA_P
ClientSampleId :

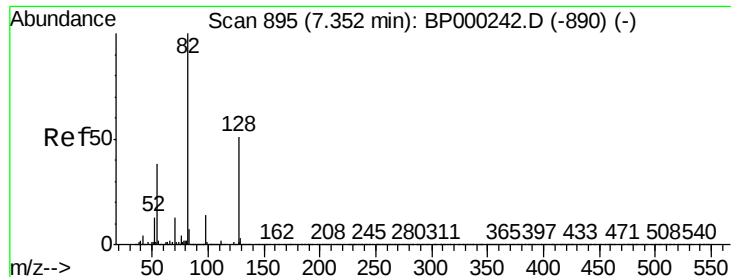
Tot Ion:136	Resp:	823544
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	5.7	4.5 6.7
68	5.8	4.5 6.7



#22
Acetophenone
Concen: 45.554 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:105	Resp:	813008
Ion	Ratio	Lower Upper
105	100	
71	6.0	5.2 7.8
51	19.4	16.6 24.8
120	23.5	18.5 27.7

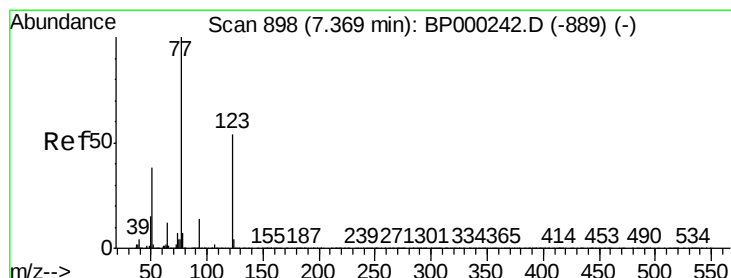
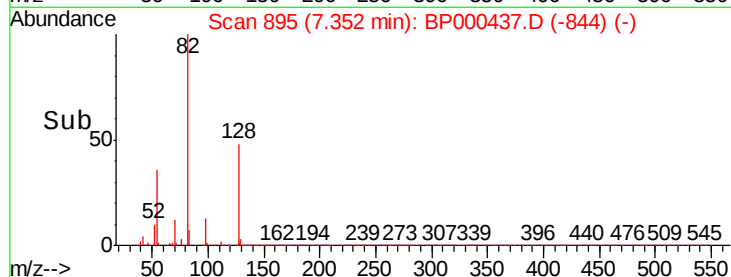
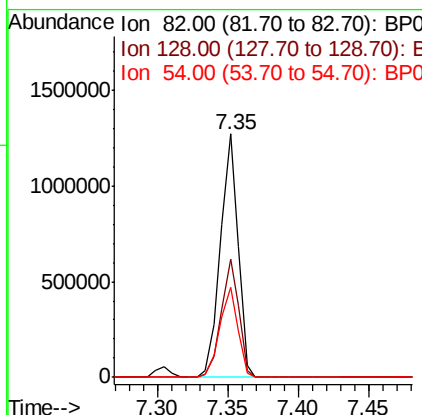
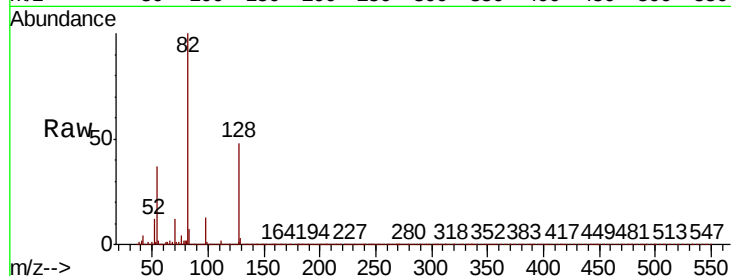




#23
 Nitrobenzene-d5
 Concen: 87.039 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000437.D
 Acq: 26 Sep 2019 22:25

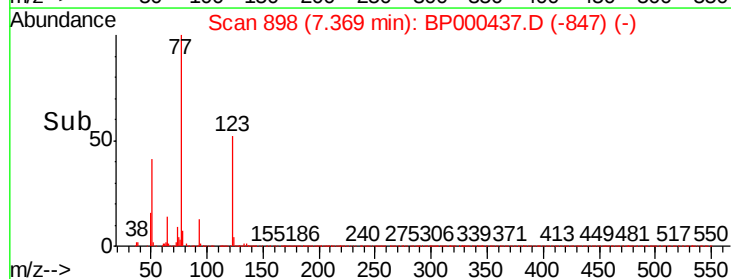
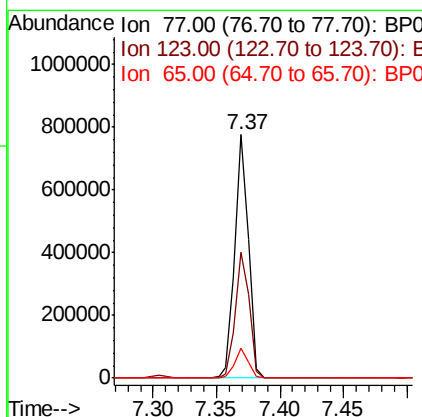
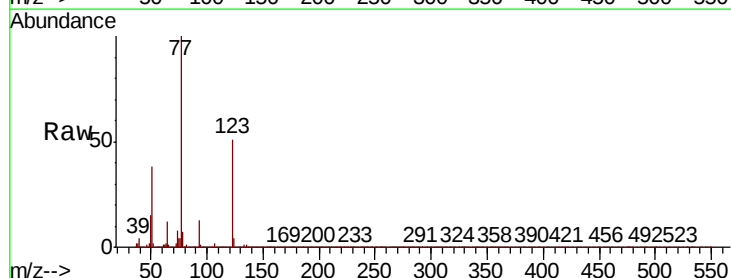
Instrument :
 BNA_P
 ClientSampleId :

Tot Ion: 82 Resp: 1110988
 Ion Ratio Lower Upper
 82 100
 128 48.3 40.7 61.1
 54 37.0 30.1 45.1



#24
 Nitrobenzene
 Concen: 43.096 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BP000437.D
 Acq: 26 Sep 2019 22:25

Tgt Ion: 77 Resp: 571359
 Ion Ratio Lower Upper
 77 100
 123 51.5 43.1 64.7
 65 12.0 9.4 14.2





#25

Isophorone

Concen: 41.112 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

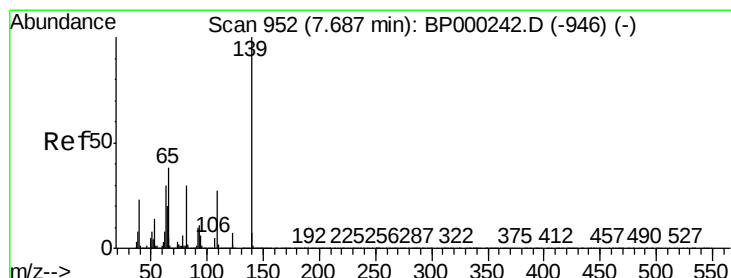
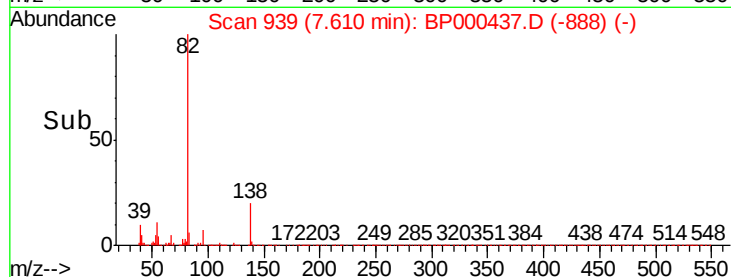
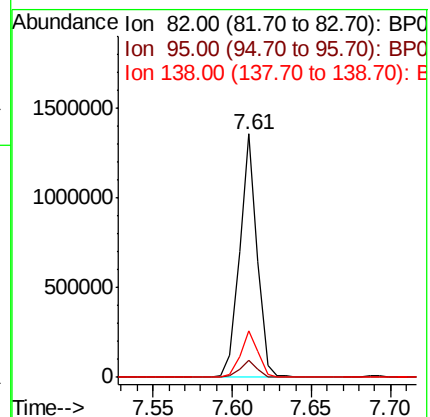
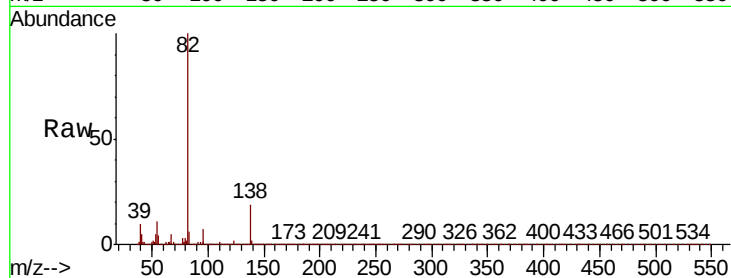
Tot Ion: 82 Resp: 1039107

Ion Ratio Lower Upper

82 100

95 7.2 5.9 8.9

138 19.3 15.9 23.9



#26

2-Nitrophenol

Concen: 39.644 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

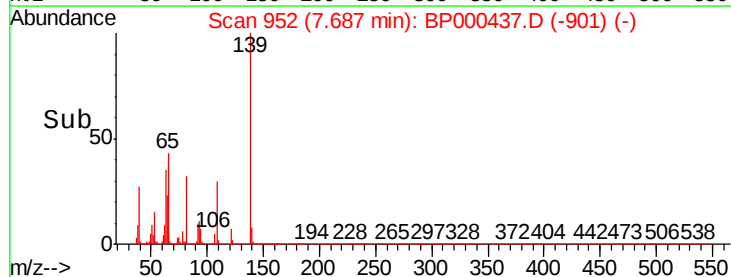
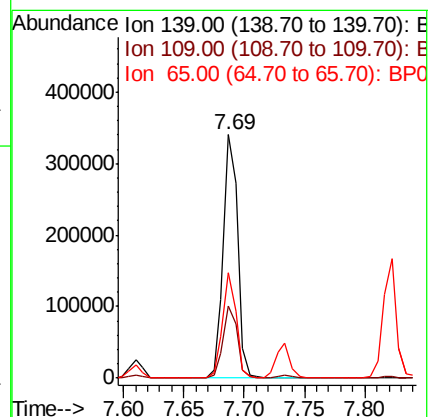
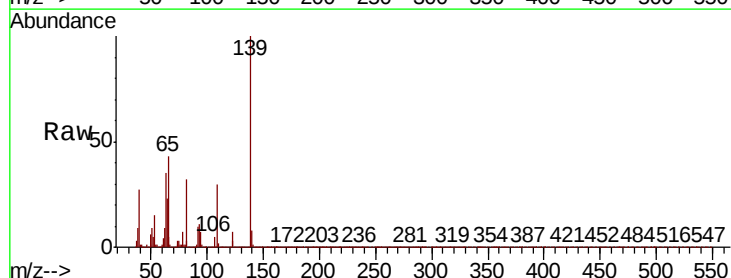
Tgt Ion: 139 Resp: 278638

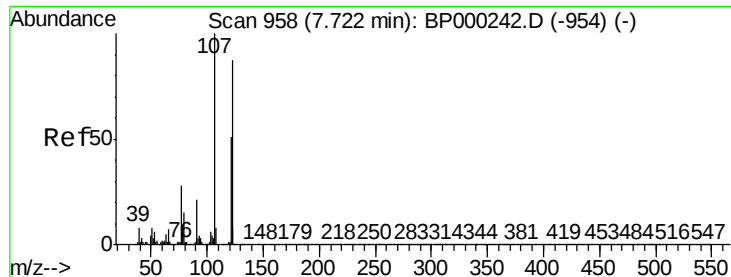
Ion Ratio Lower Upper

139 100

109 29.6 21.8 32.6

65 43.4 30.5 45.7

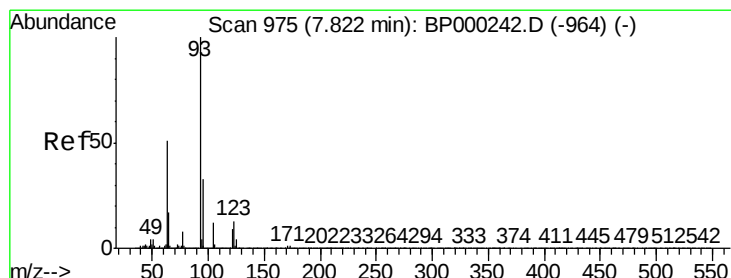
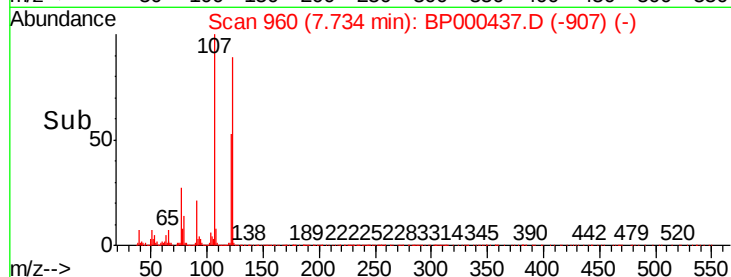
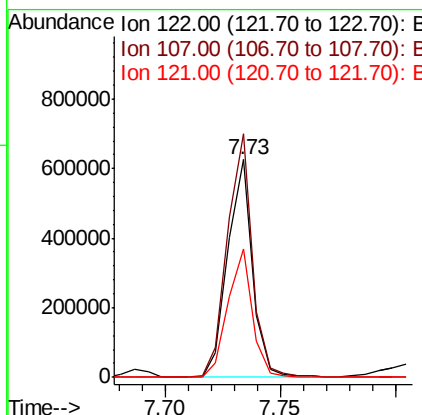
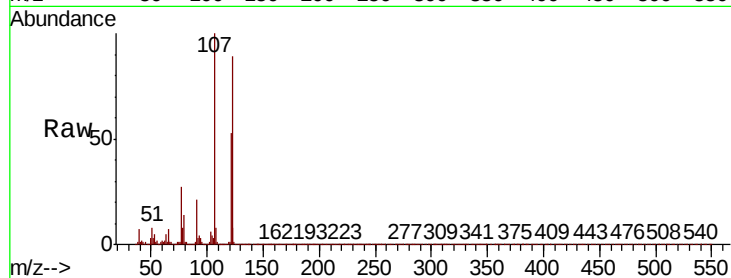




#27
2,4-Dimethylphenol
Concen: 41.799 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

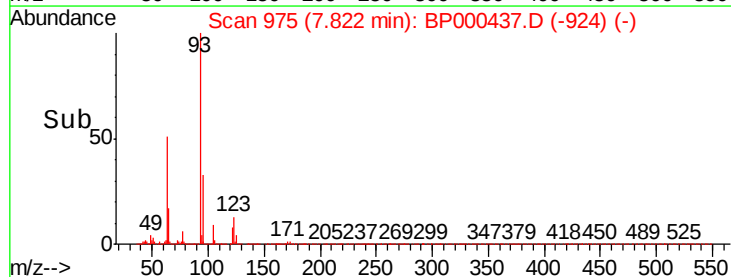
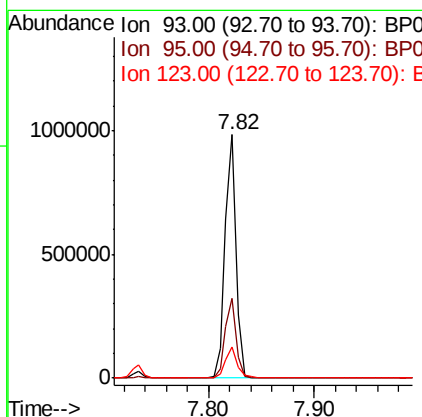
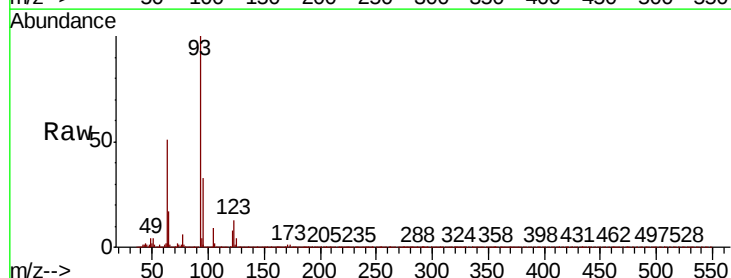
Instrument :
BNA_P
ClientSampled :

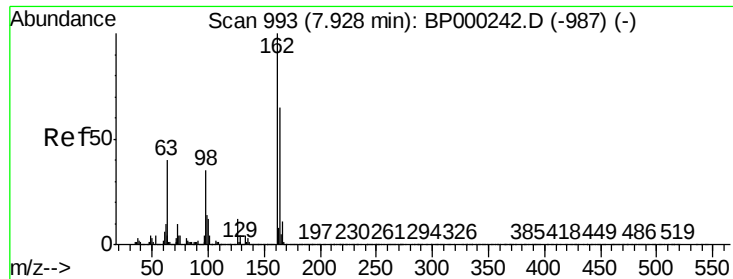
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.9	91.5	137.3
121	59.1	46.9	70.3



#28
bis(2-Chloroethoxy)methane
Concen: 42.706 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.2	39.4
123	12.6	10.2	15.2

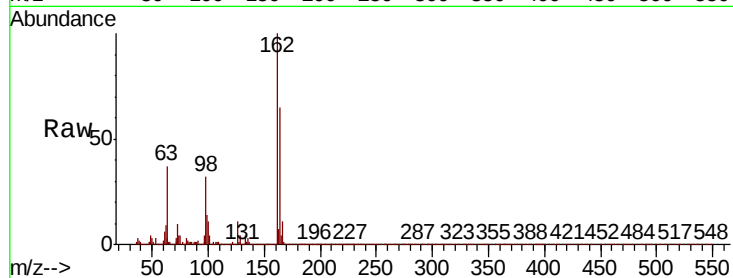




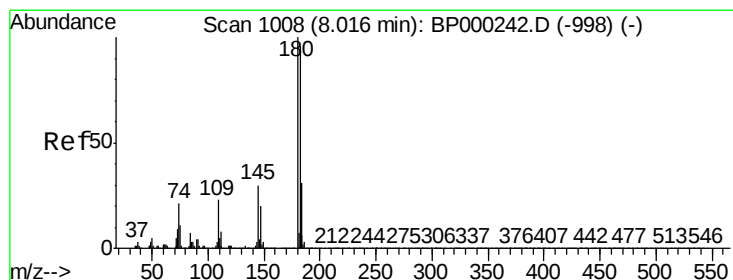
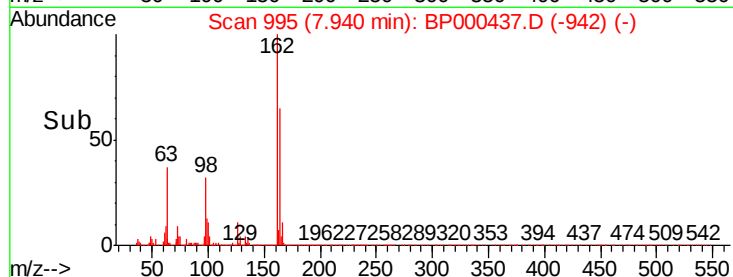
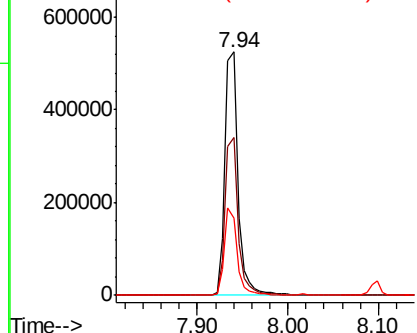
#29
 2,4-Dichlorophenol
 Concen: 43.107 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: BP000437.D
 Acq: 26 Sep 2019 22:25

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.5	84.5
98	31.9	15.2	55.2

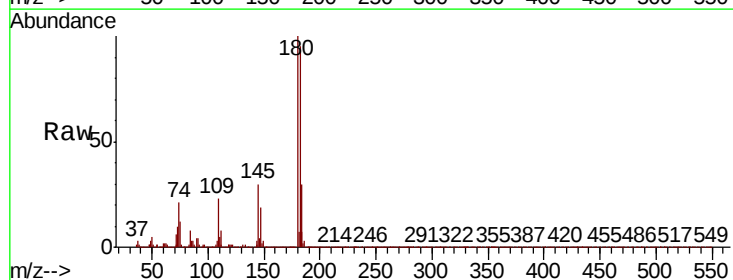


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BP0

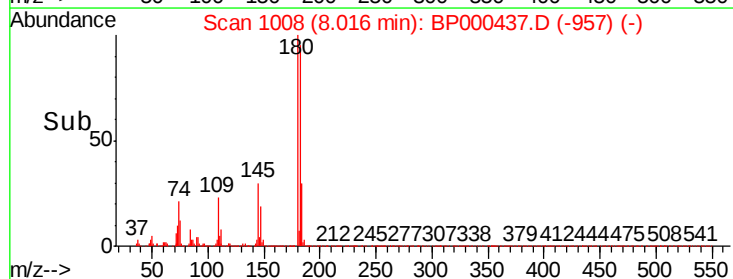
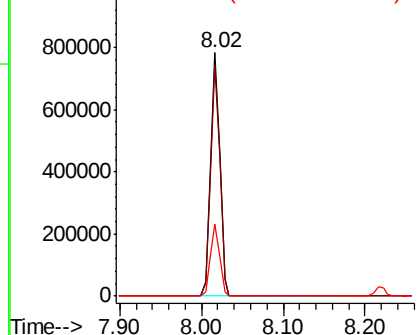


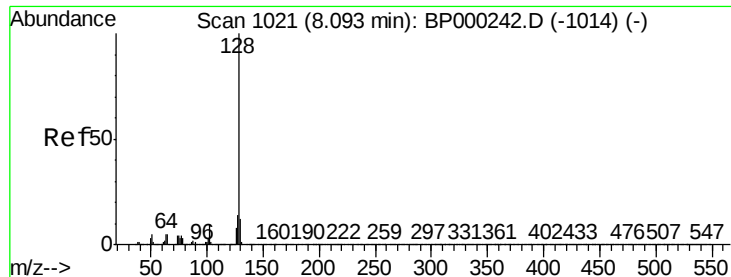
#30
 1,2,4-Trichlorobenzene
 Concen: 43.776 ng
 RT: 8.02 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: BP000437.D
 Acq: 26 Sep 2019 22:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	77.2	115.8
145	29.7	24.3	36.5



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

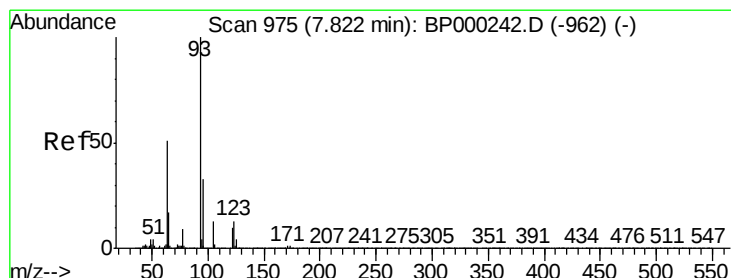
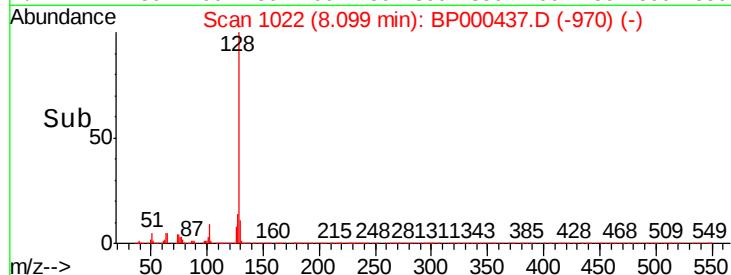
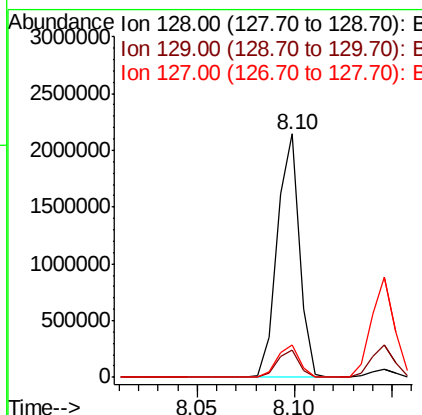
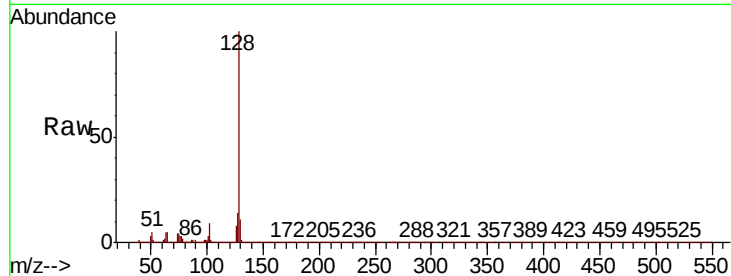




#31
Naphthalene
Concen: 44.176 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

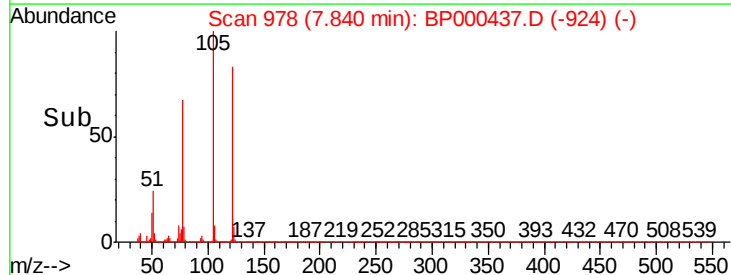
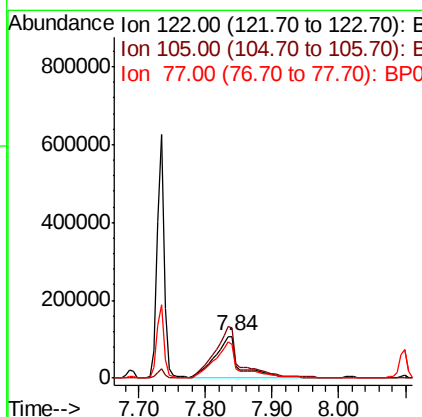
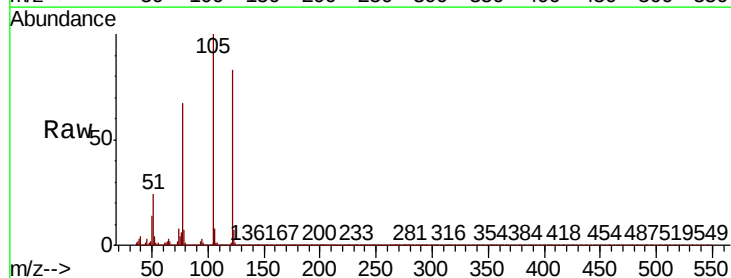
Instrument :
BNA_P
ClientSampled :

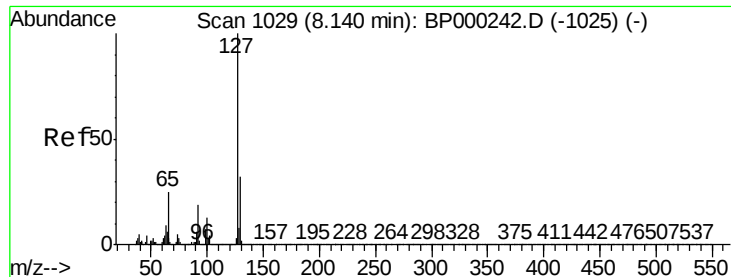
Tot Ion:128 Resp: 1684925
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.5 11.0 16.6



#32
Benzoic acid
Concen: 36.719 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.02 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:122 Resp: 277571
Ion Ratio Lower Upper
122 100
105 120.9 105.4 145.4
77 81.3 65.3 105.3

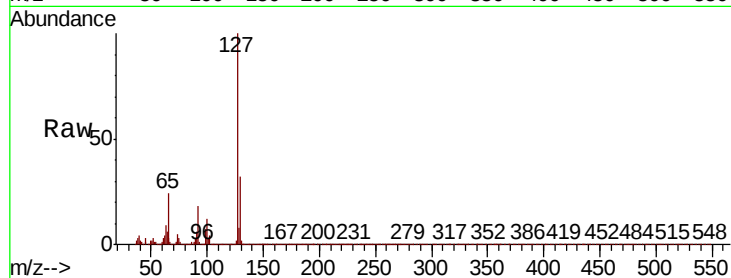




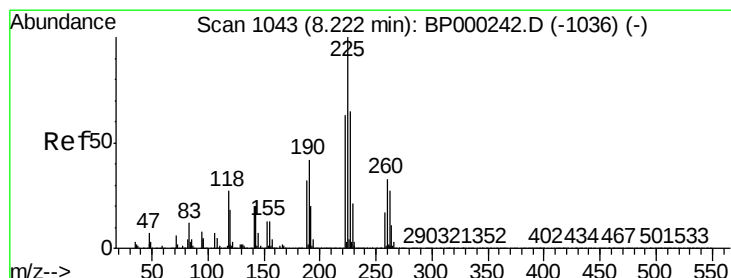
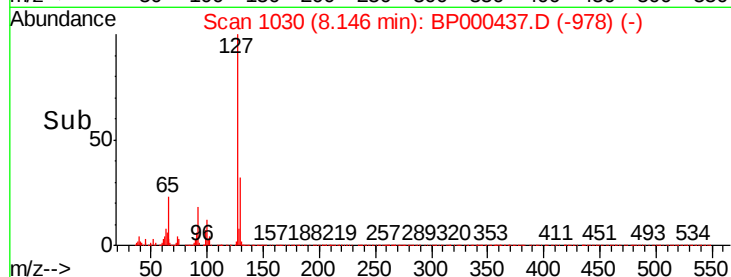
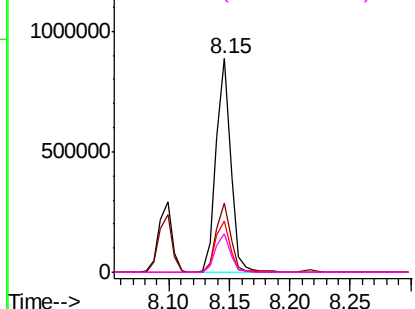
#33
4-Chloroaniline
Concen: 42.622 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	127	Resp:	735719
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.7	38.5
65	23.9	19.9	29.9
92	18.2	15.4	23.0

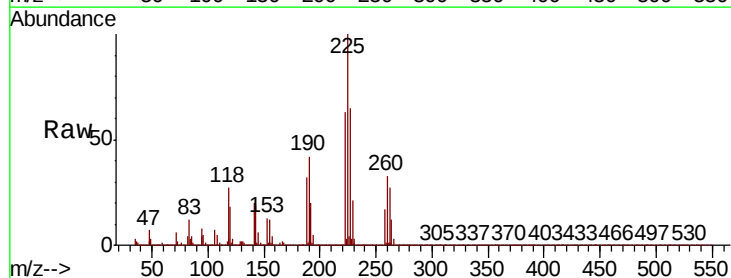


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

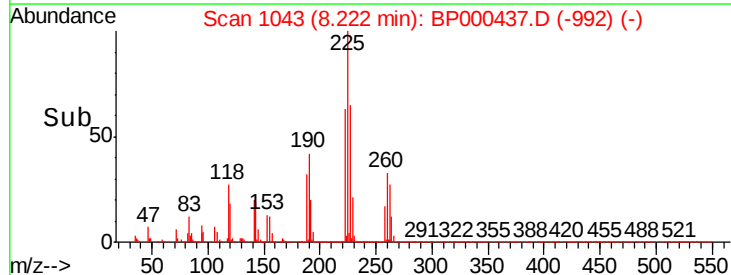
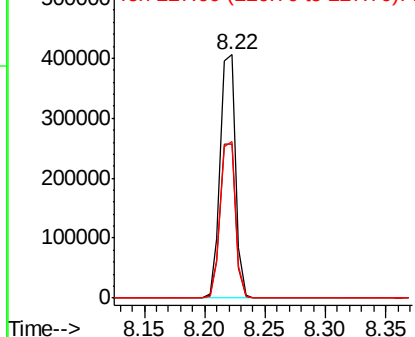


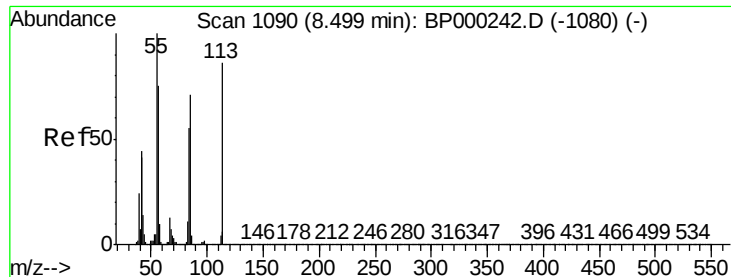
#34
Hexachlorobutadiene
Concen: 43.327 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:	225	Resp:	353079
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.2	75.2
227	64.6	51.8	77.6



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

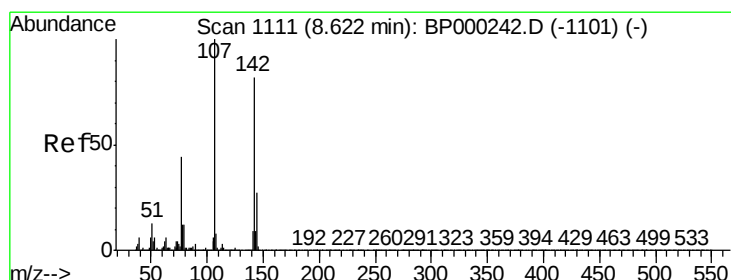
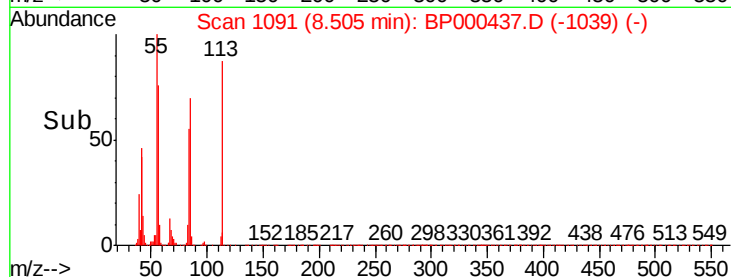
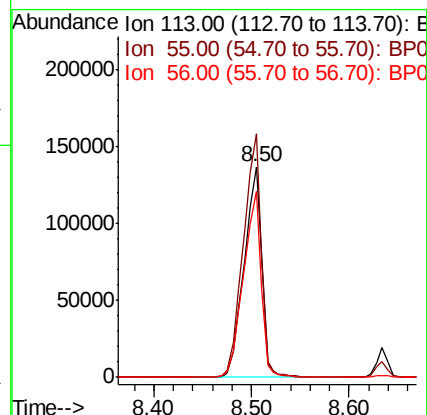
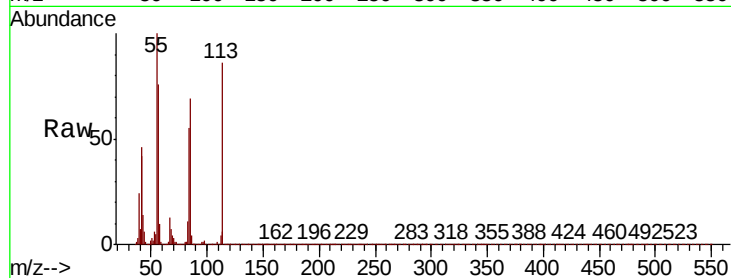




#35
Caprolactam
Concen: 42.182 ng
RT: 8.50 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

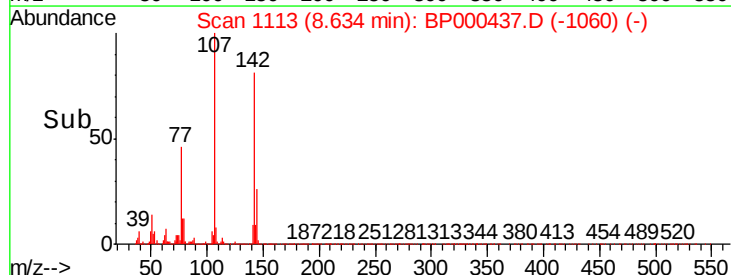
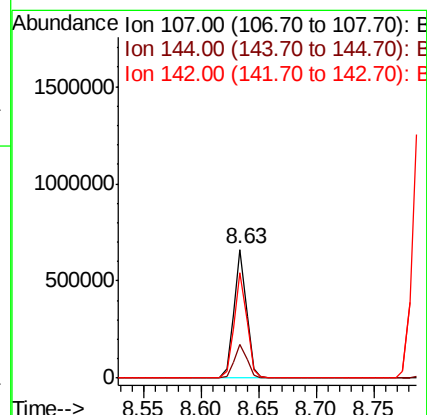
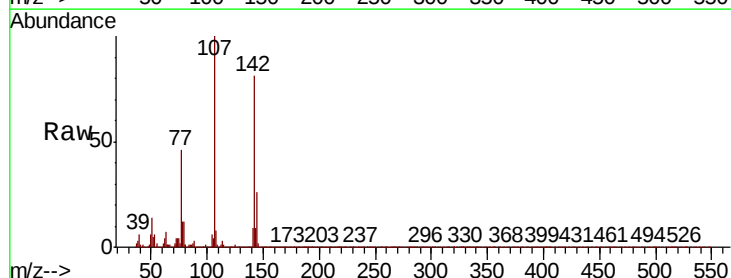
Instrument :
BNA_P
ClientSampleId :

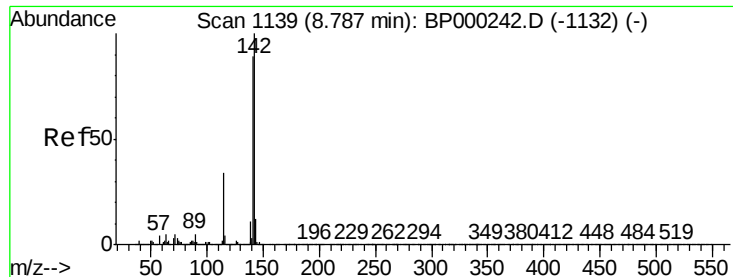
Tot Ion:113 Resp: 172181
Ion Ratio Lower Upper
113 100
55 115.6 96.8 136.8
56 88.2 67.5 107.5



#36
4-Chloro-3-methylphenol
Concen: 41.559 ng
RT: 8.63 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:107 Resp: 506227
Ion Ratio Lower Upper
107 100
144 26.5 21.5 32.3
142 81.4 65.7 98.5

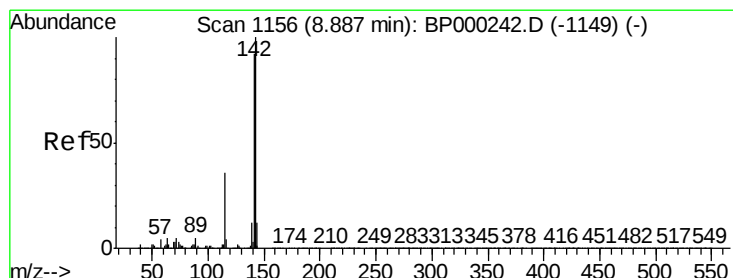
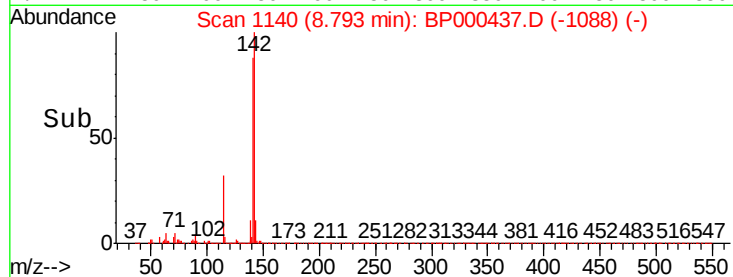
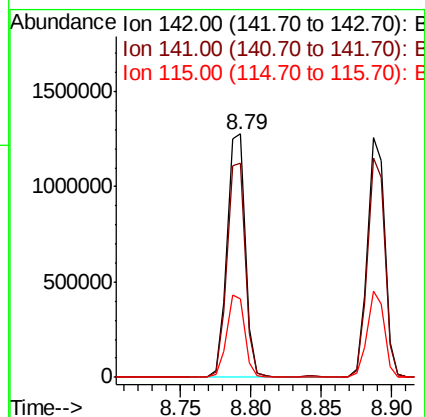
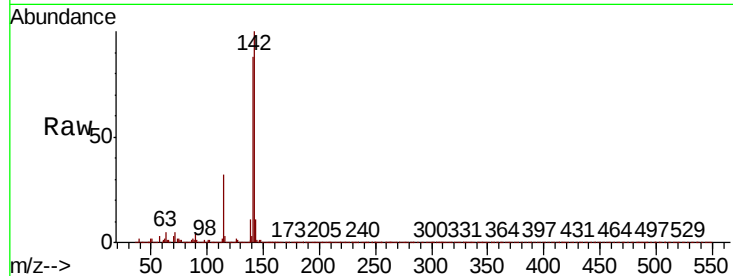




#37
2-Methylnaphthalene
Concen: 44.151 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

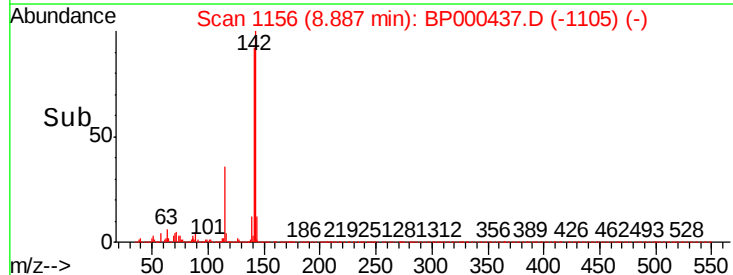
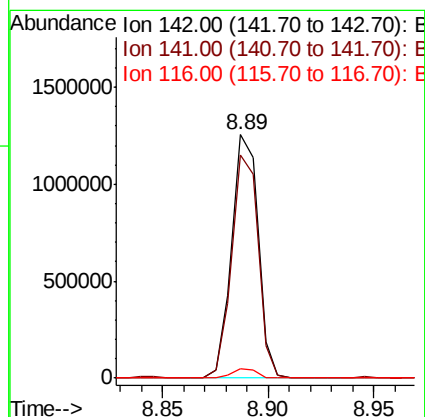
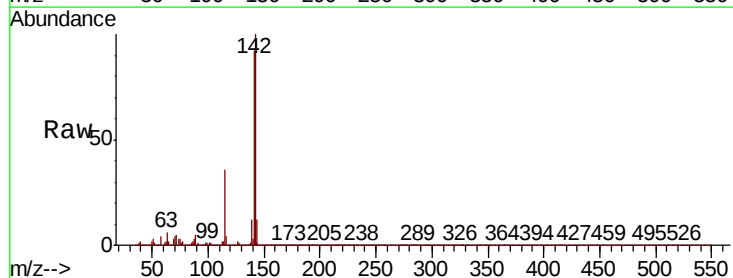
Instrument :
BNA_P
ClientSampleId :

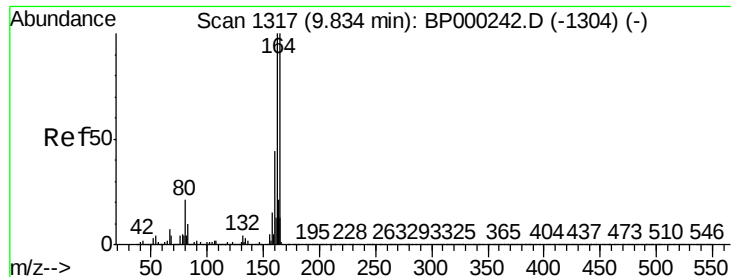
Tot Ion:142 Resp: 1151176
Ion Ratio Lower Upper
142 100
141 88.1 71.3 106.9
115 32.1 27.2 40.8



#38
1-Methylnaphthalene
Concen: 44.324 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:142 Resp: 1082569
Ion Ratio Lower Upper
142 100
141 91.6 73.9 110.9
116 3.9 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

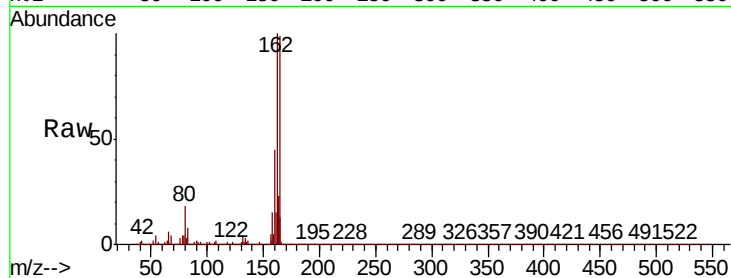
Tot Ion:164 Resp: 444491

Ion Ratio Lower Upper

164 100

162 100.7 79.9 119.9

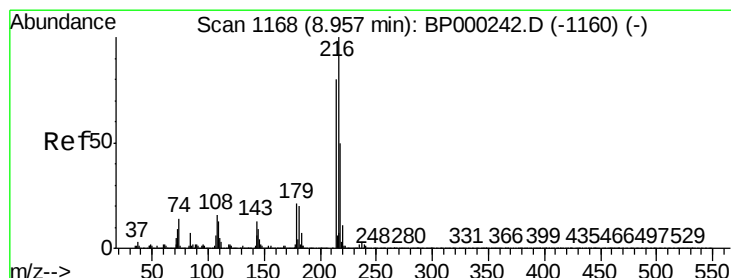
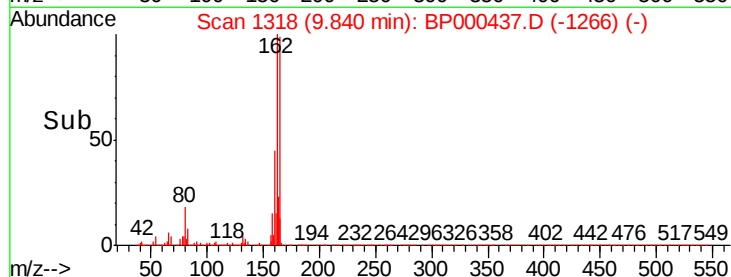
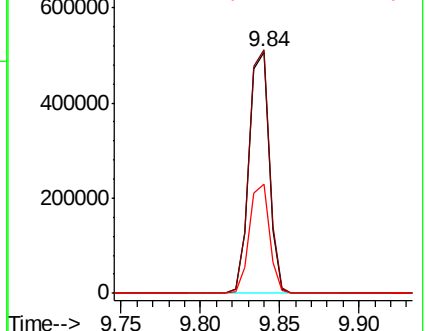
160 45.3 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.651 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Tgt Ion:216 Resp: 580170

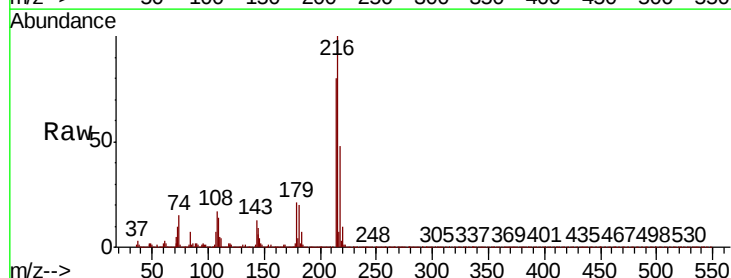
Ion Ratio Lower Upper

216 100

214 79.4 63.6 95.4

179 20.7 17.0 25.4

108 16.4 15.1 22.7

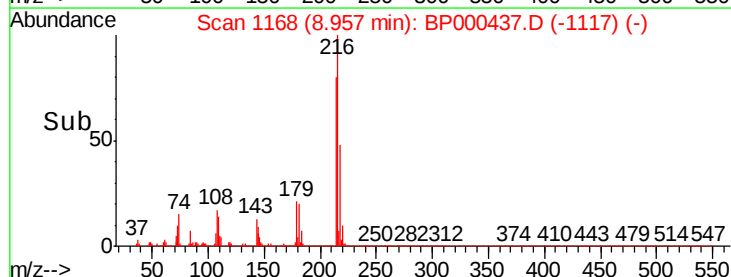
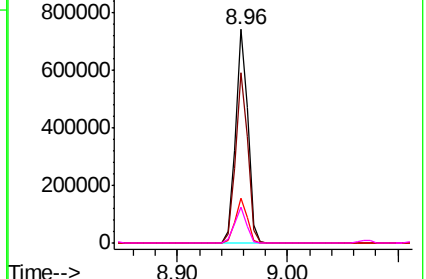


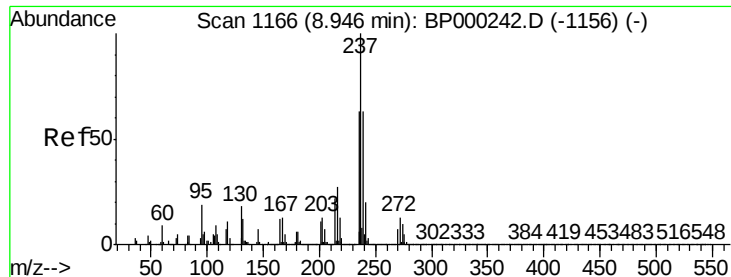
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 3.628 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :

BNA_P

ClientSampled :

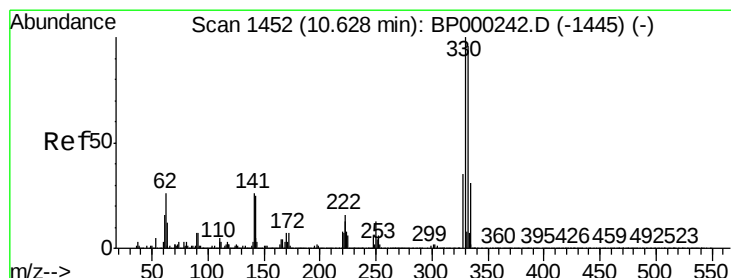
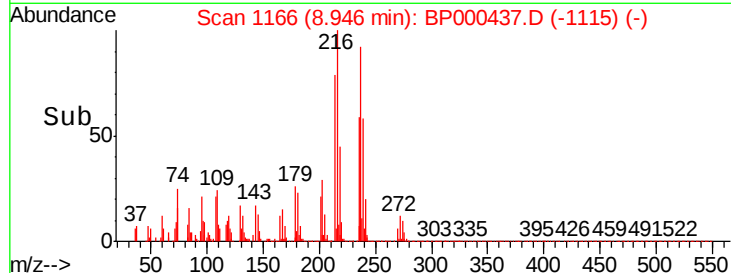
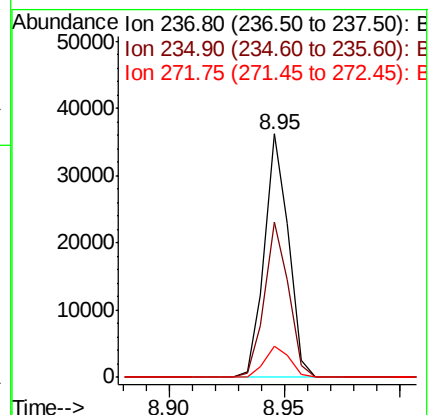
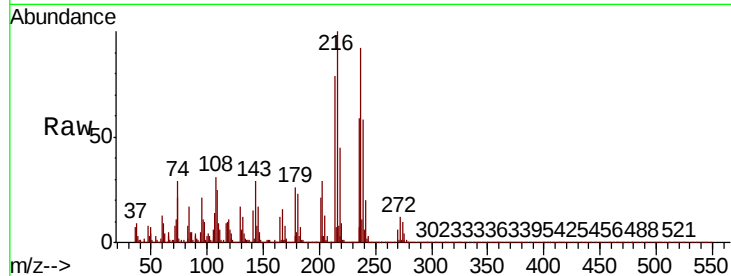
Tot Ion:237 Resp: 26473

Ion Ratio Lower Upper

237 100

235 63.7 43.5 83.5

272 12.5 0.0 33.0



#42

2,4,6-Tribromophenol

Concen: 84.992 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

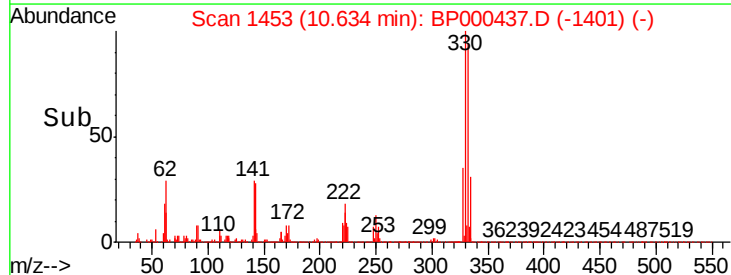
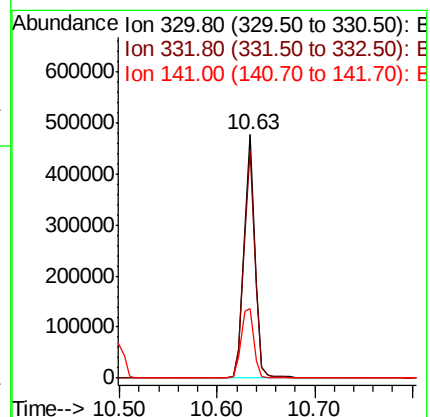
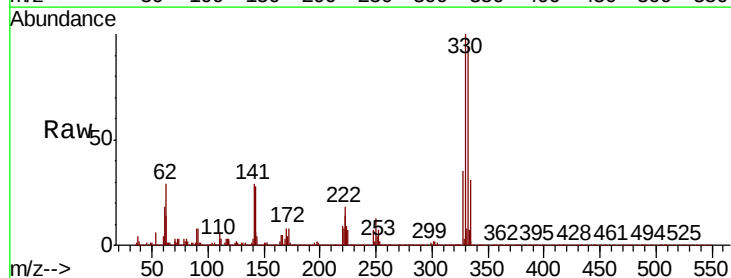
Tgt Ion:330 Resp: 374708

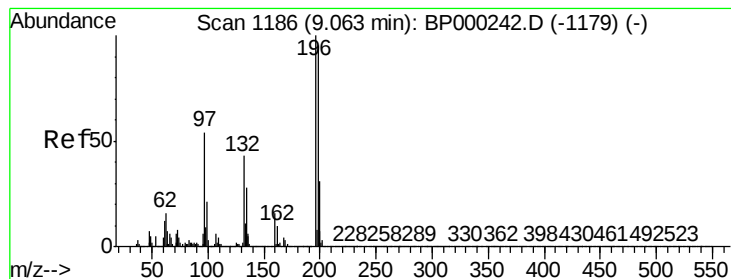
Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

141 33.4 26.5 39.7





#43

2,4,6-Trichlorophenol

Concen: 43.159 ng

RT: 9.08 min Scan# 1188

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

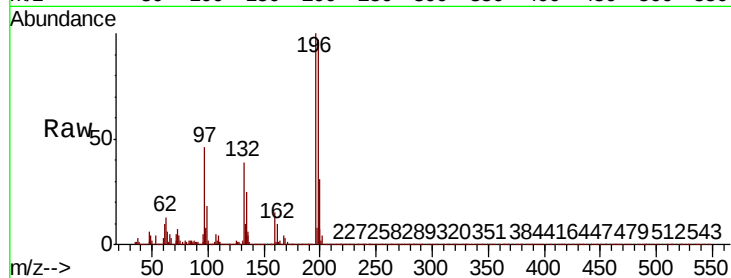
Tot Ion:196 Resp: 379537

Ion Ratio Lower Upper

196 100

198 96.6 76.0 114.0

200 31.1 24.6 37.0

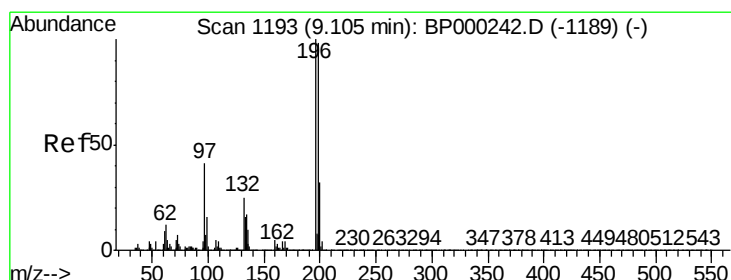
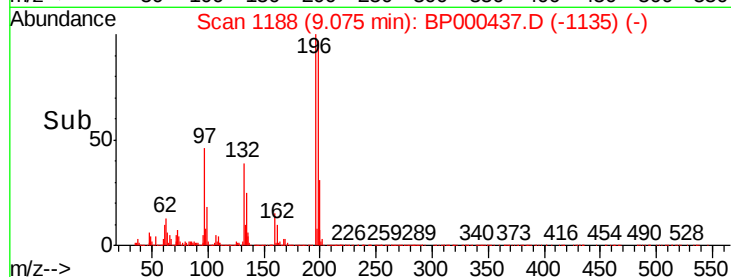
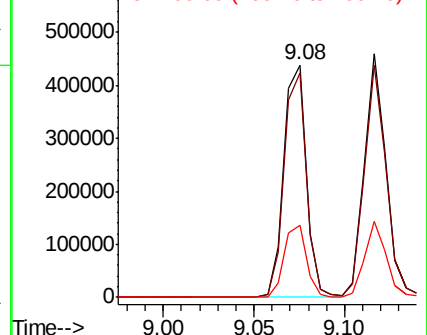


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 43.076 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Tgt Ion:196 Resp: 387882

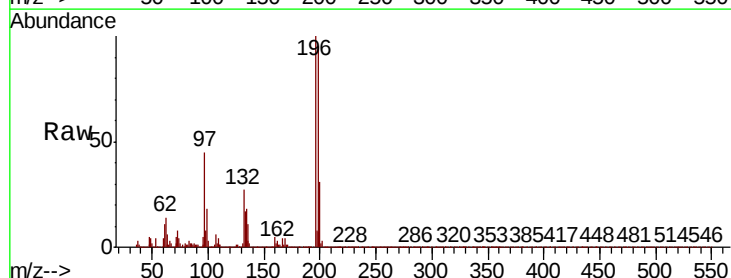
Ion Ratio Lower Upper

196 100

198 95.3 78.1 117.1

97 45.1 33.3 49.9

132 26.5 20.0 30.0



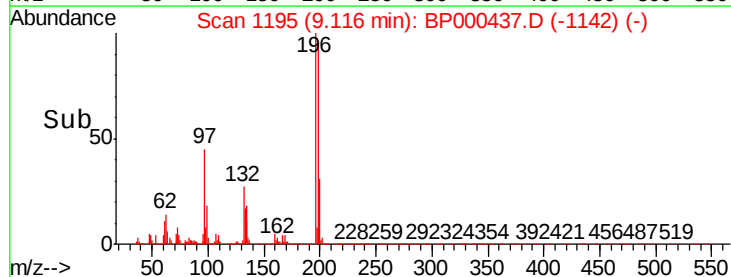
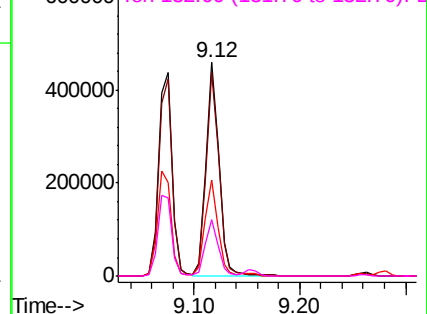
Abundance

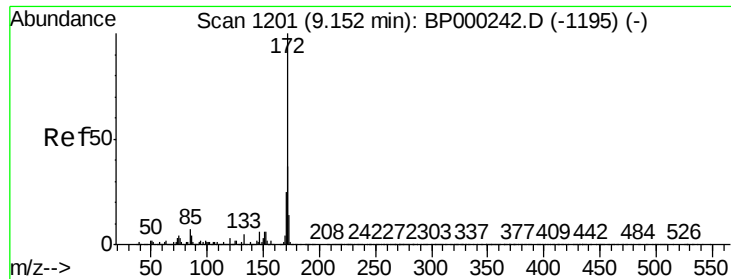
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BPO

Ion 132.00 (131.70 to 132.70): E

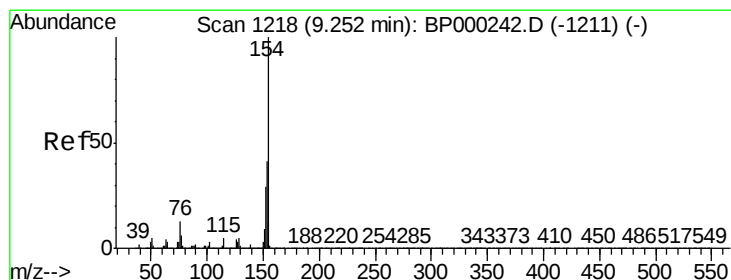
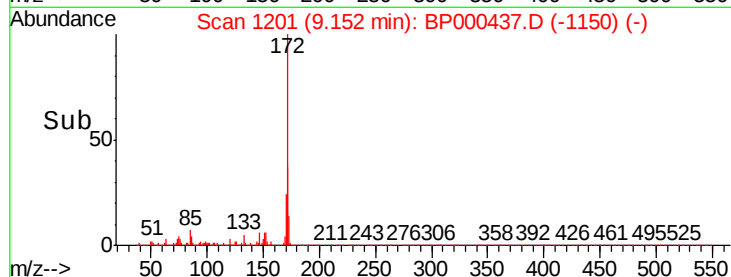
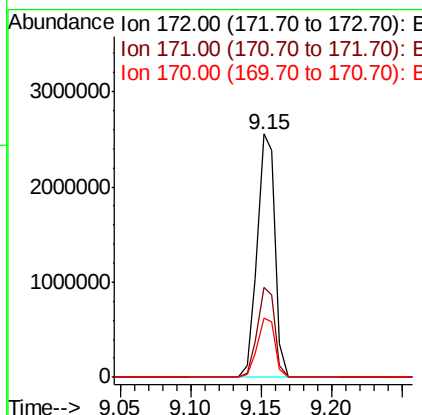
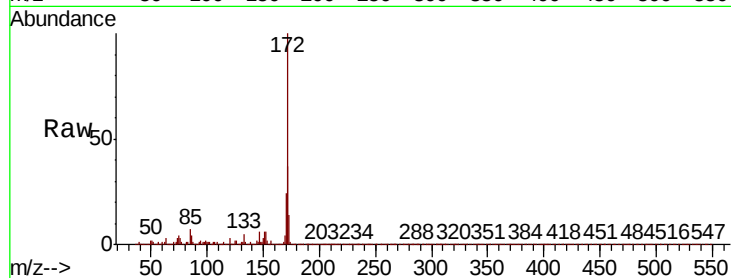




#45
2-Fluorobiphenyl
Concen: 92.471 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

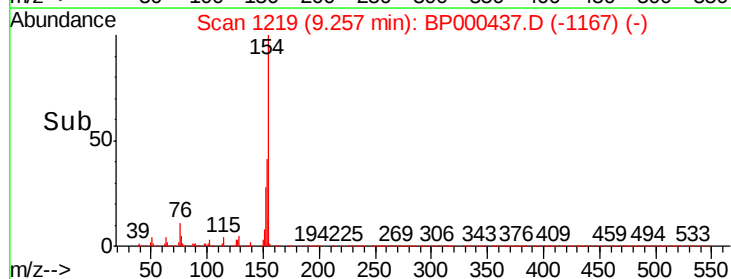
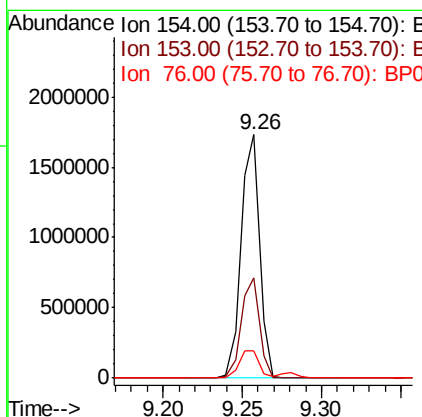
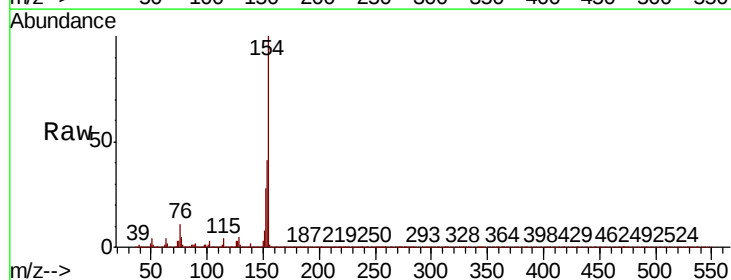
Instrument :
BNA_P
ClientSampleId :

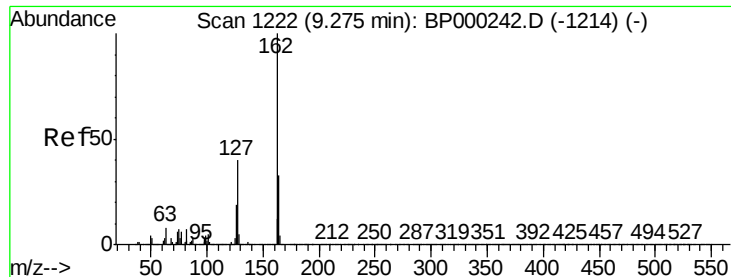
Tot Ion:172 Resp: 2283708
Ion Ratio Lower Upper
172 100
171 36.8 29.8 44.6
170 24.2 19.8 29.6



#46
1,1'-Biphenyl
Concen: 45.311 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:154 Resp: 1393281
Ion Ratio Lower Upper
154 100
153 41.0 21.4 61.4
76 11.4 0.0 33.4





#47

2-Chloronaphthalene

Concen: 44.017 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

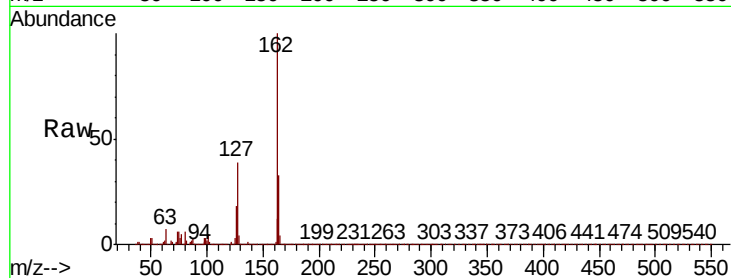
Tot Ion:162 Resp: 1135368

Ion Ratio Lower Upper

162 100

127 39.2 32.4 48.6

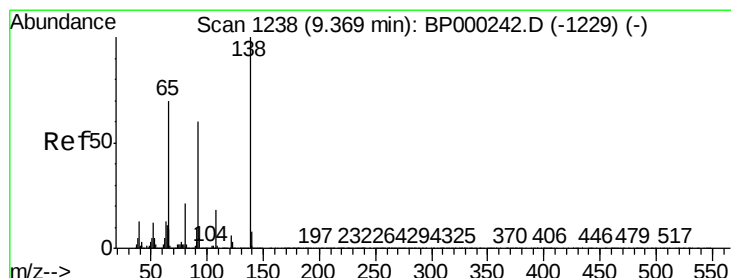
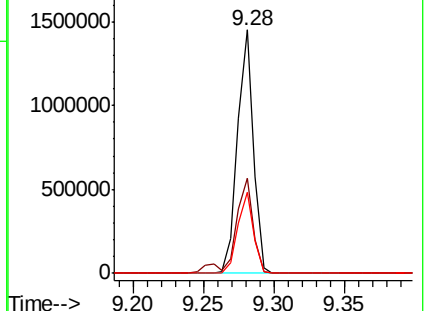
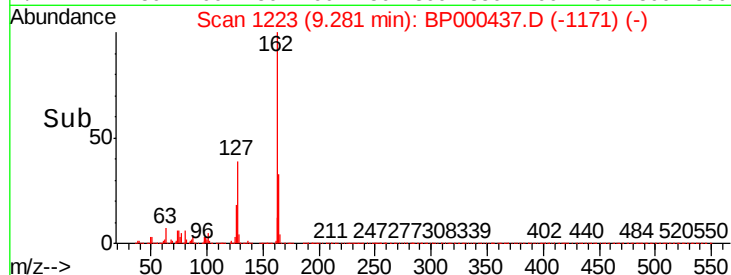
164 33.4 26.3 39.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 45.088 ng

RT: 9.38 min Scan# 1239

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

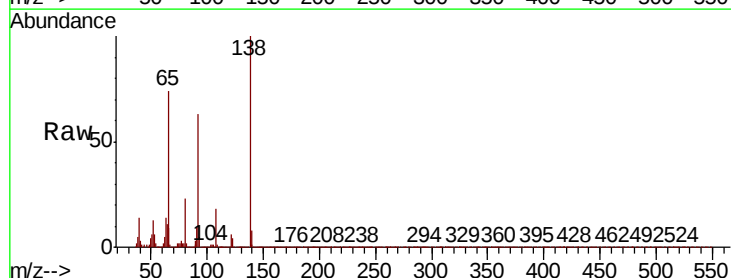
Tgt Ion: 65 Resp: 295345

Ion Ratio Lower Upper

65 100

92 84.6 68.7 103.1

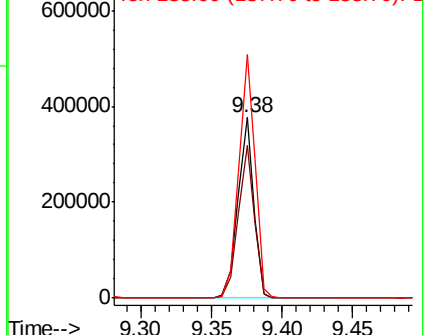
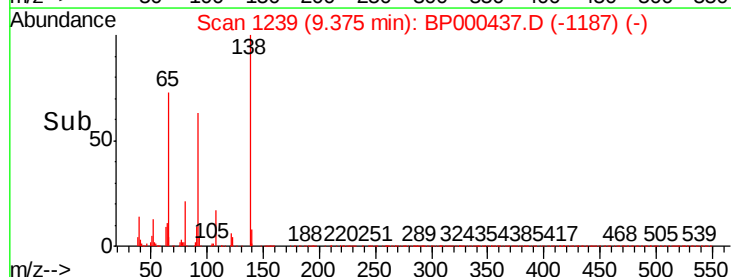
138 135.0 114.4 171.6

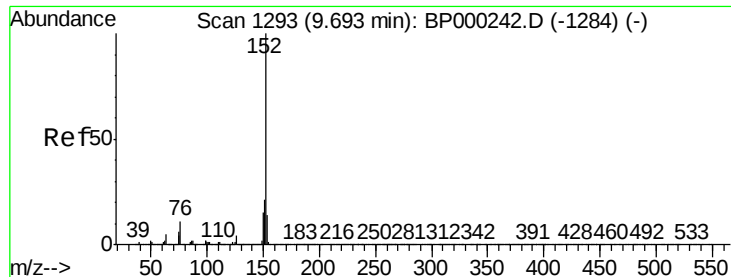


Abundance Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.522 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

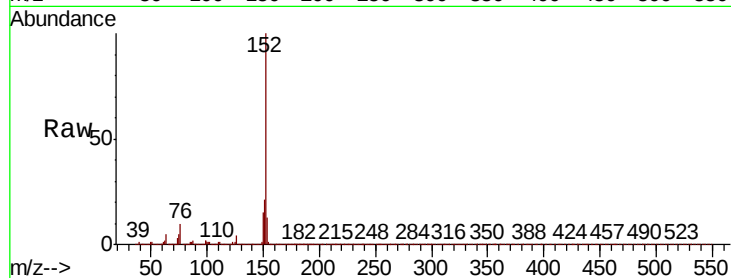
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1726268

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	13.3	11.0	16.4

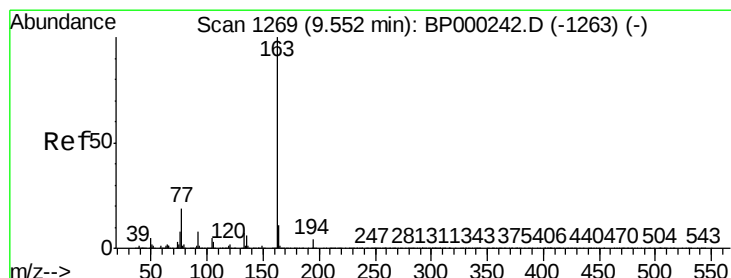
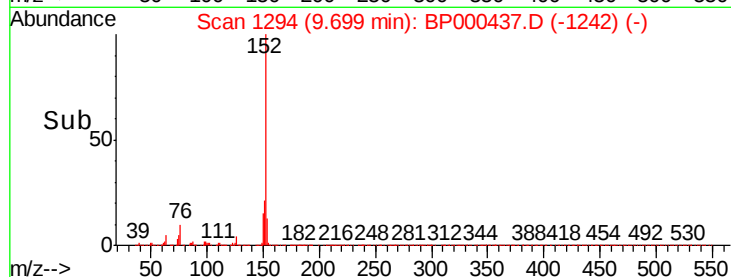
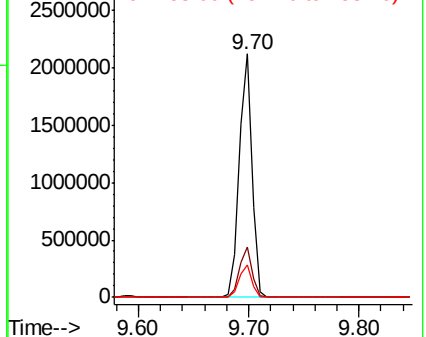


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.392 ng

RT: 9.56 min Scan# 1270

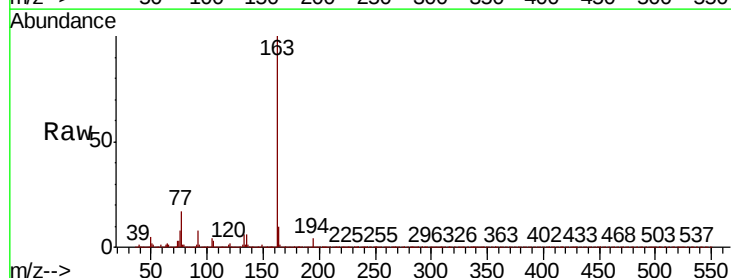
Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Tgt Ion:163 Resp: 1344360

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.1	8.5	12.7

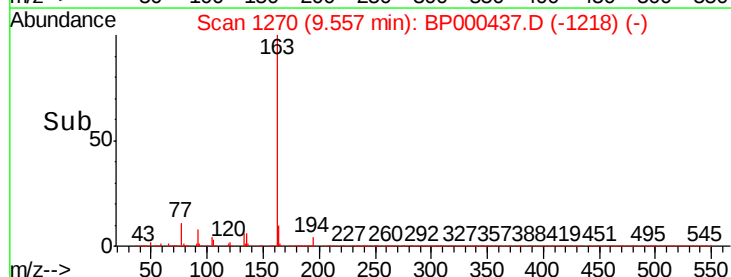
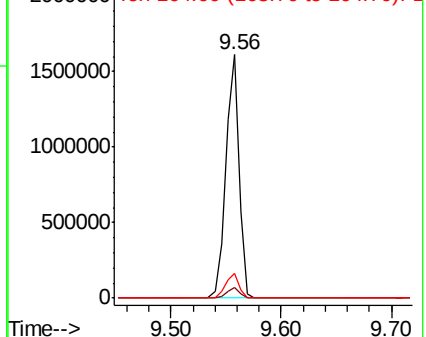


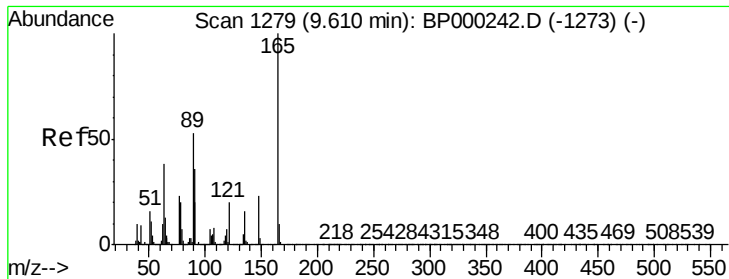
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.014 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

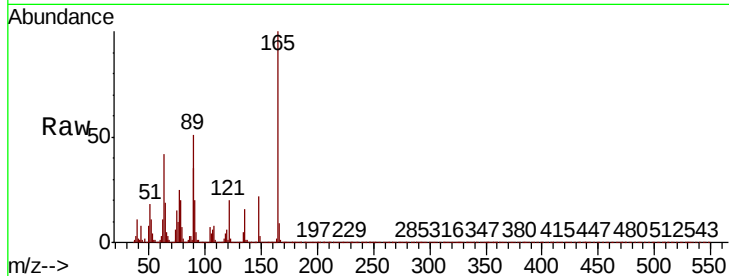
Tot Ion:165 Resp: 279757

Ion Ratio Lower Upper

165 100

63 42.5 35.8 53.8

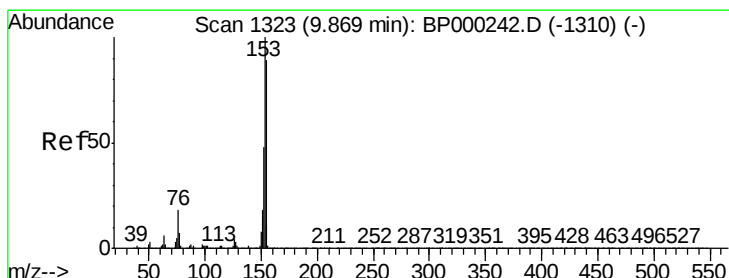
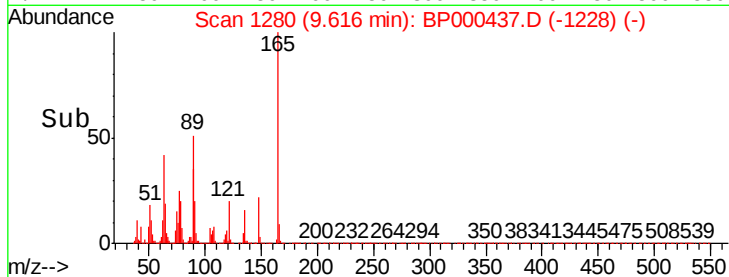
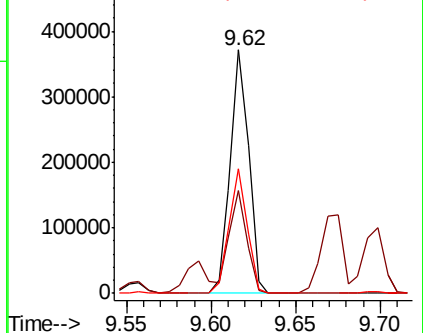
89 51.1 42.6 63.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#52

Acenaphthene

Concen: 41.759 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

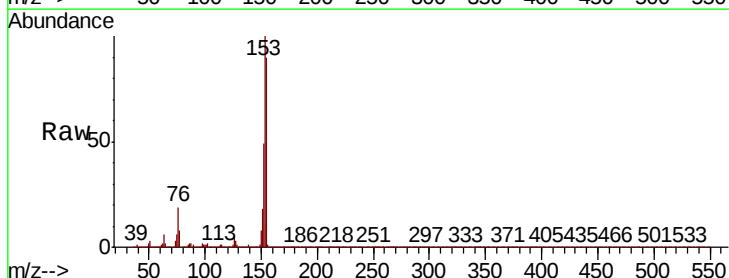
Tgt Ion:154 Resp: 1021764

Ion Ratio Lower Upper

154 100

153 111.7 89.8 134.6

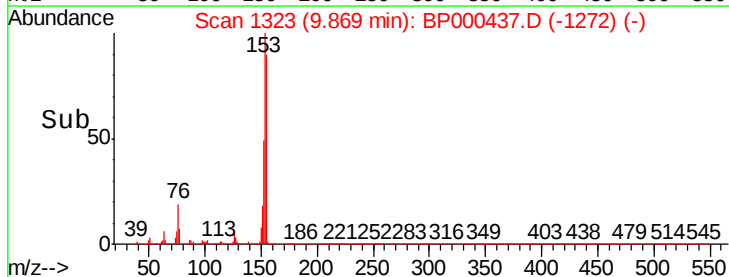
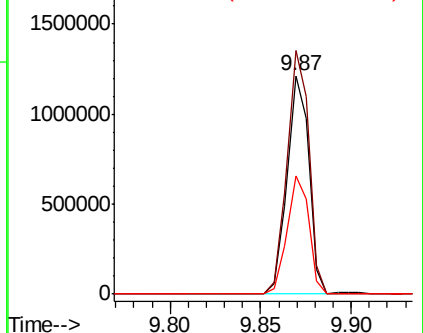
152 54.2 43.4 65.0

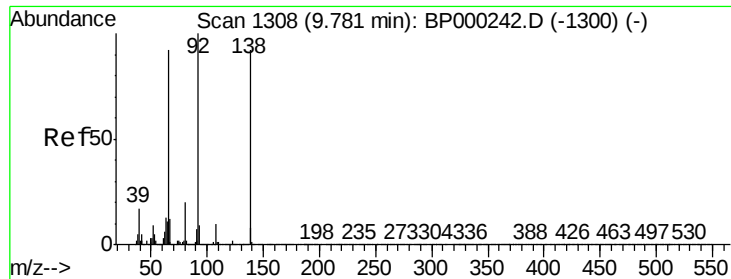


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

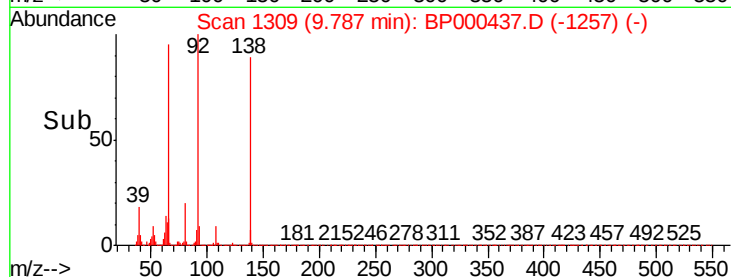
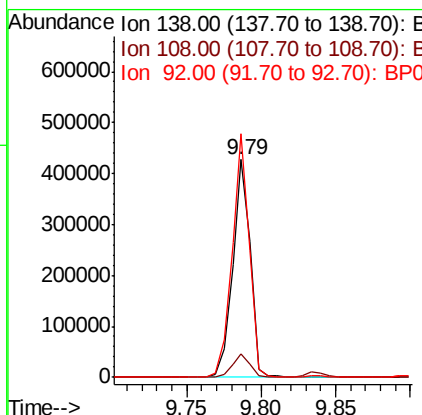
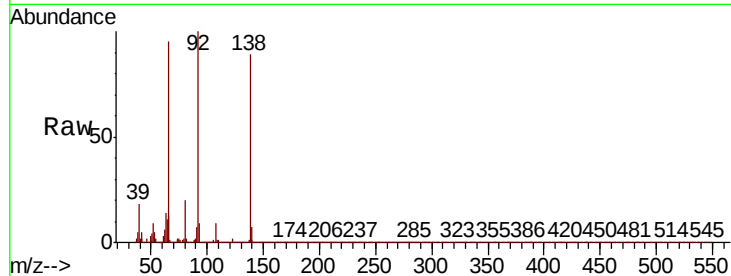




#53
3-Nitroaniline
Concen: 45.879 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

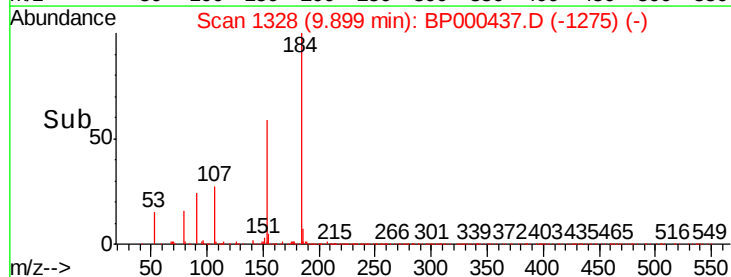
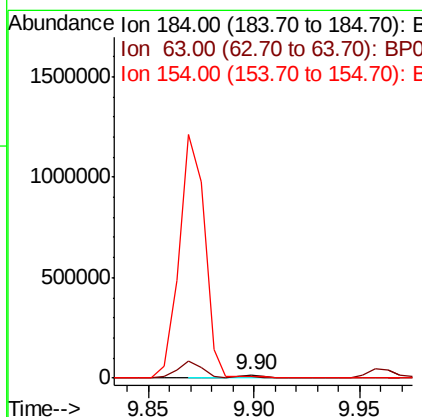
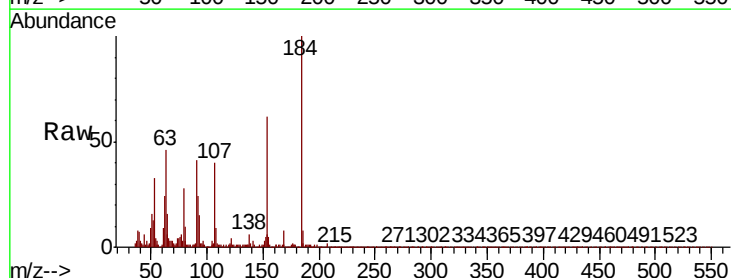
Instrument :
BNA_P
ClientSampleId :

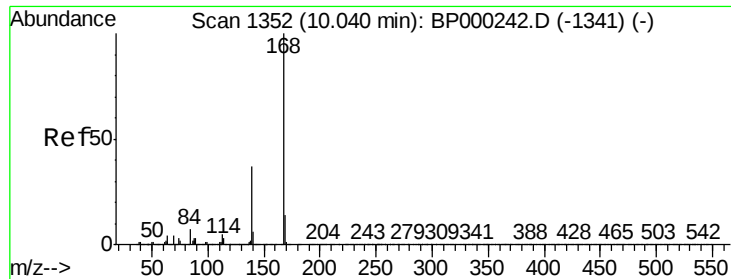
Tot Ion:138 Resp: 354600
Ion Ratio Lower Upper
138 100
108 10.5 9.1 13.7
92 111.9 86.7 130.1



#54
2,4-Dinitrophenol
Concen: 5.871 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:184 Resp: 17270
Ion Ratio Lower Upper
184 100
63 46.5 39.5 59.3
154 62.4 48.8 73.2

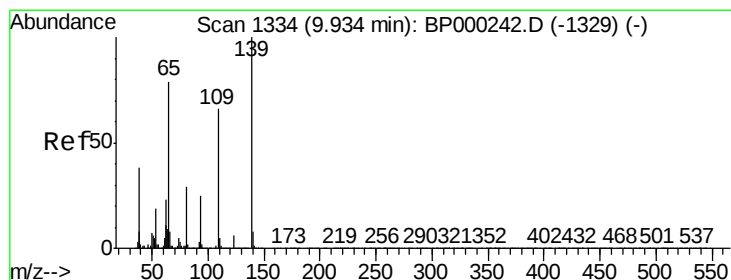
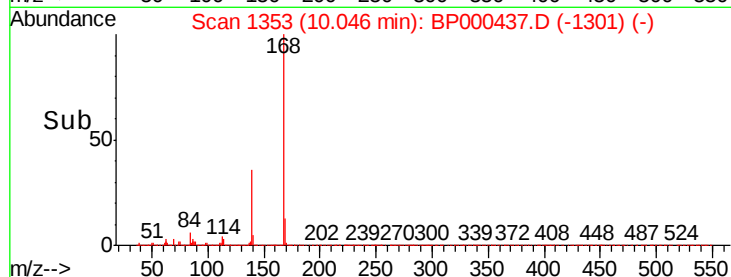
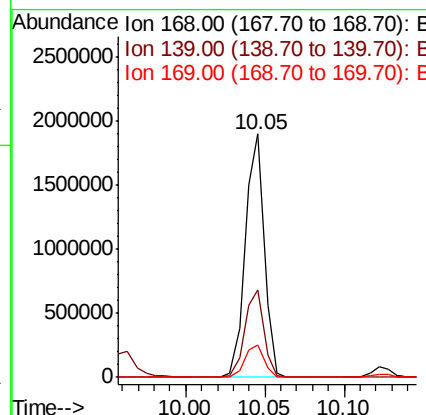
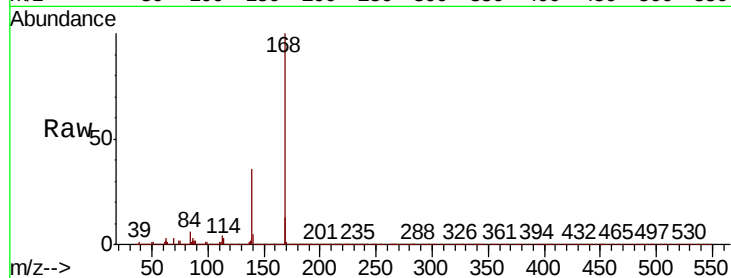




#55
 Dibenzofuran
 Concen: 45.075 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.01 min
 Lab File: BP000437.D
 Acq: 26 Sep 2019 22:25

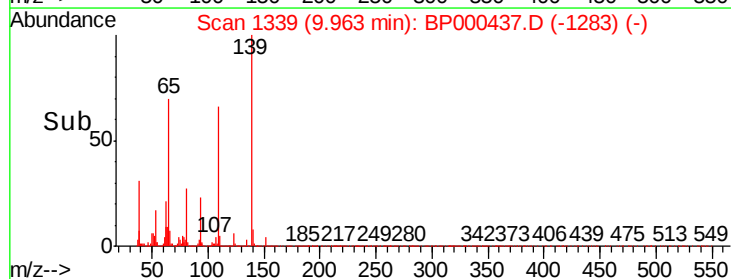
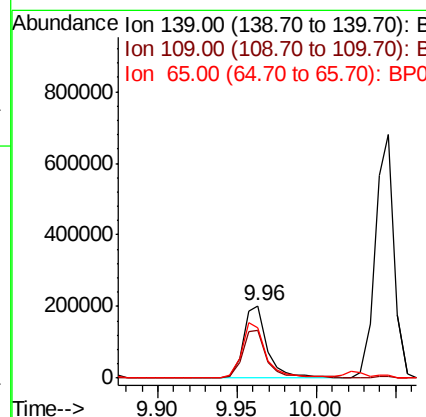
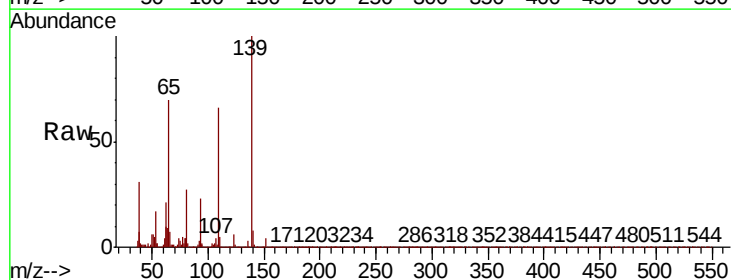
Instrument :
 BNA_P
 ClientSampleId :

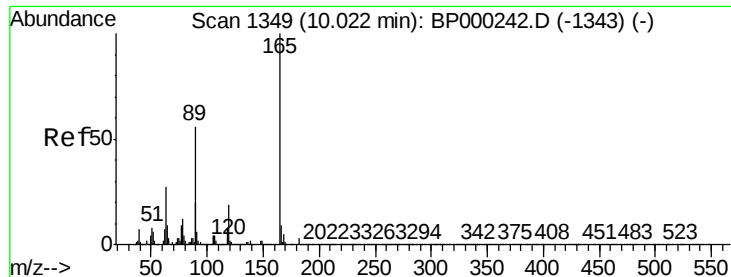
Tot Ion:168 Resp: 1559107
 Ion Ratio Lower Upper
 168 100
 139 35.8 30.0 45.0
 169 13.4 11.0 16.6



#56
 4-Nitrophenol
 Concen: 36.956 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.03 min
 Lab File: BP000437.D
 Acq: 26 Sep 2019 22:25

Tgt Ion:139 Resp: 212447
 Ion Ratio Lower Upper
 139 100
 109 66.0 46.2 86.2
 65 70.1 59.4 99.4

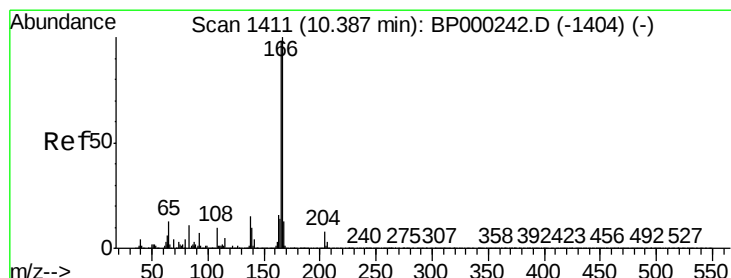
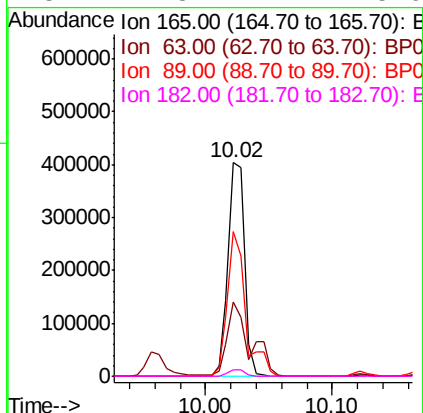
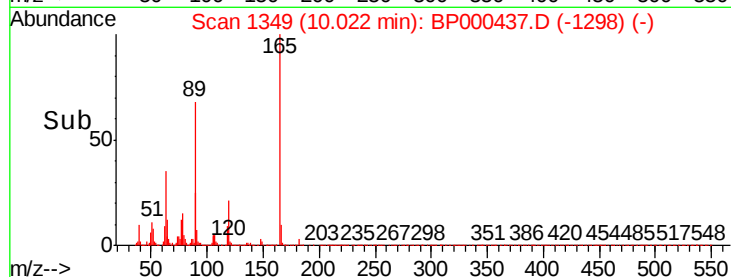
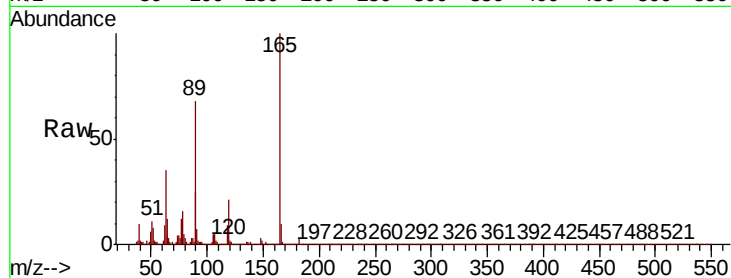




#57
2,4-Dinitrotoluene
Concen: 41.612 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

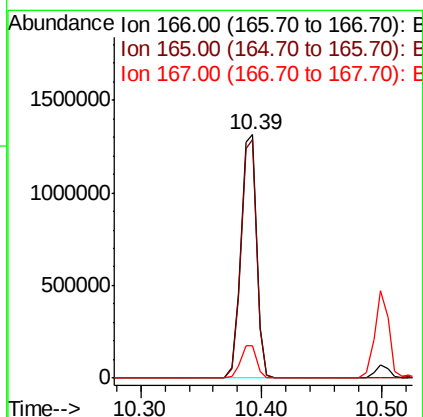
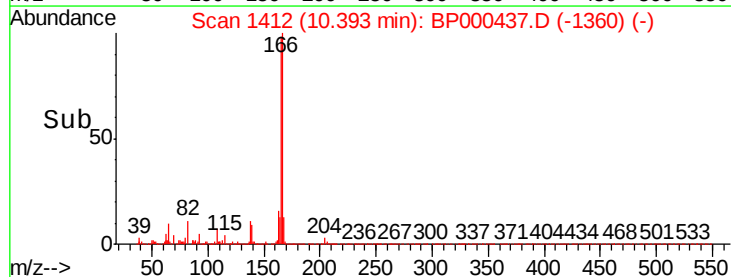
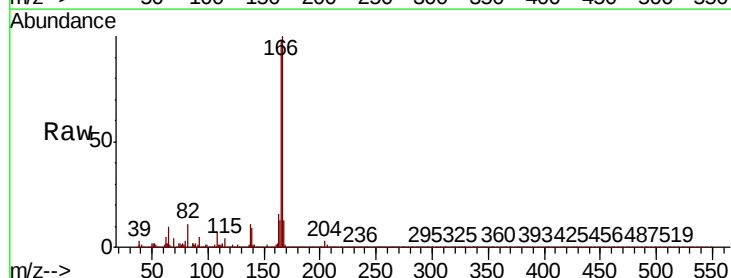
Instrument :
BNA_P
ClientSampleId :

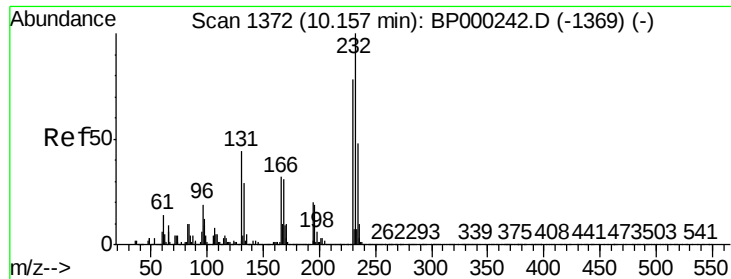
Tot Ion:165 Resp: 362230
Ion Ratio Lower Upper
165 100
63 35.1 21.7 32.5#
89 68.0 45.0 67.6#
182 2.8 2.4 3.6



#58
Fluorene
Concen: 44.751 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:166 Resp: 1195579
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.2
167 13.2 10.7 16.1

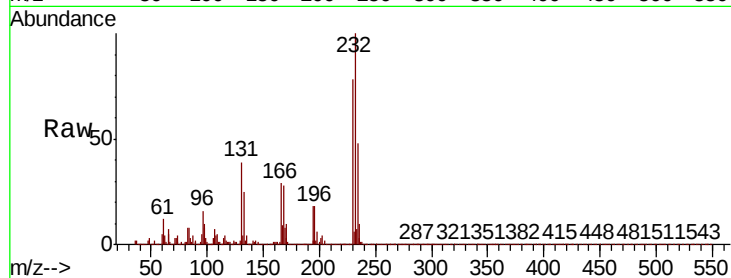




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.115 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	41.4	33.6	50.4
130	2.0	1.8	2.6
166	29.0	24.2	36.2



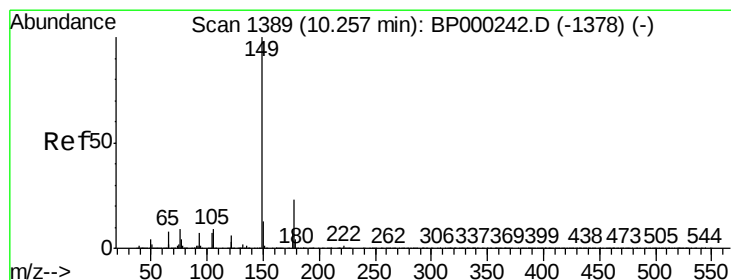
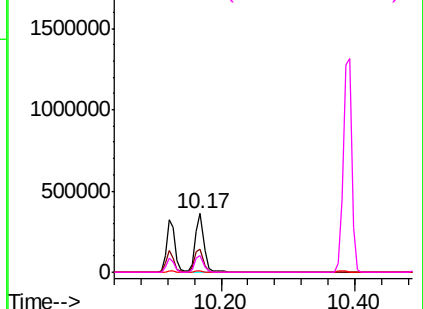
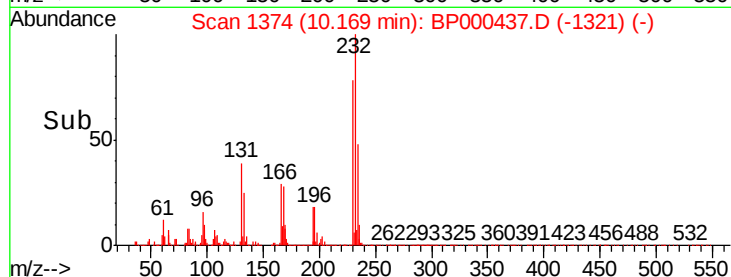
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

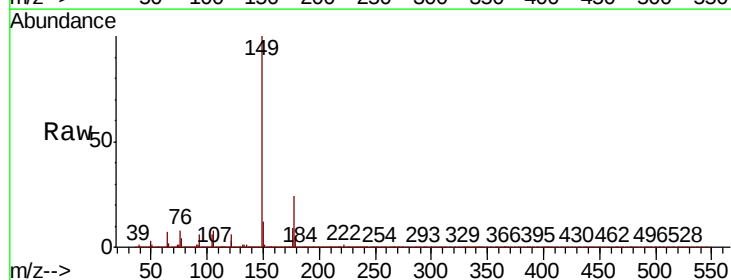
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 44.620 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.1	27.1
150	12.4	10.3	15.5

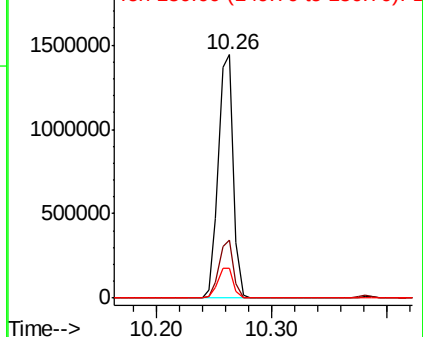
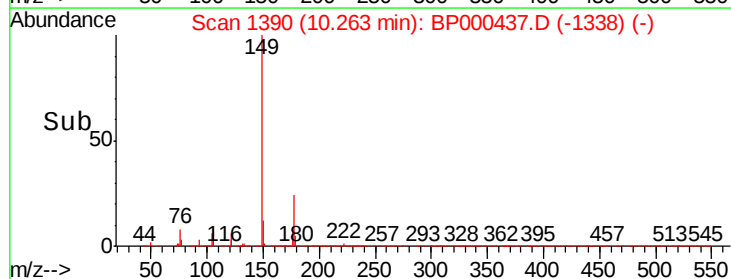


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

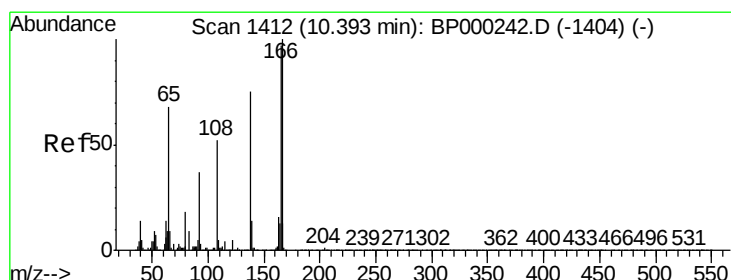
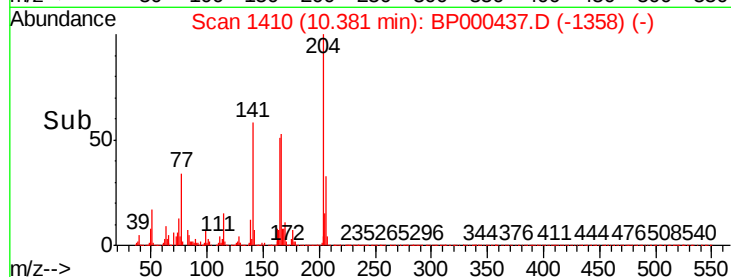
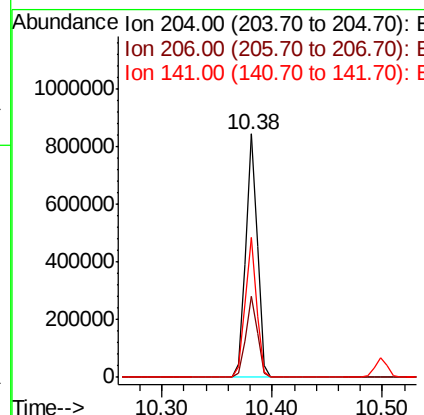
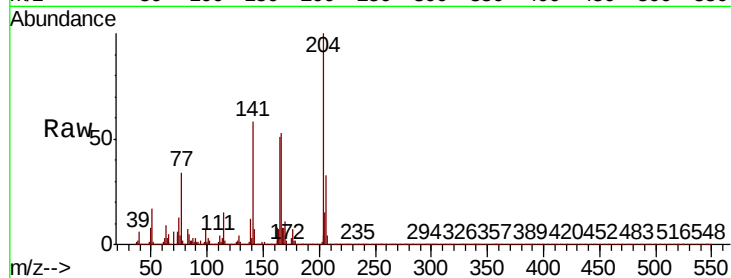




#61
4-Chlorophenyl-phenylether
Concen: 45.980 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

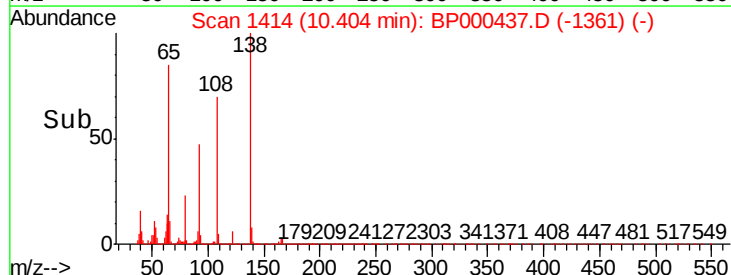
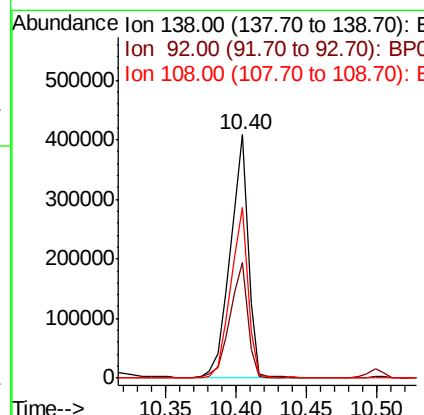
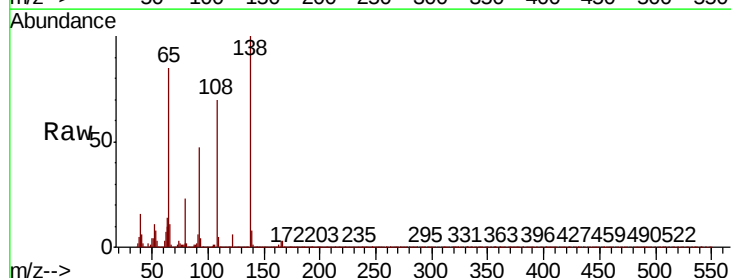
Instrument :
BNA_P
ClientSampled :

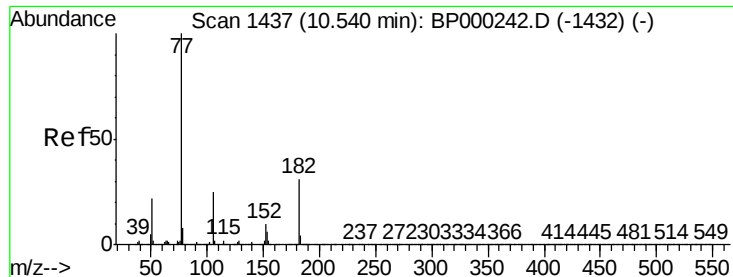
Tot Ion:204 Resp: 630560
Ion Ratio Lower Upper
204 100
206 33.5 26.3 39.5
141 57.6 48.6 72.8



#62
4-Nitroaniline
Concen: 47.744 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:138 Resp: 362960
Ion Ratio Lower Upper
138 100
92 47.4 30.1 70.1
108 69.8 49.5 89.5

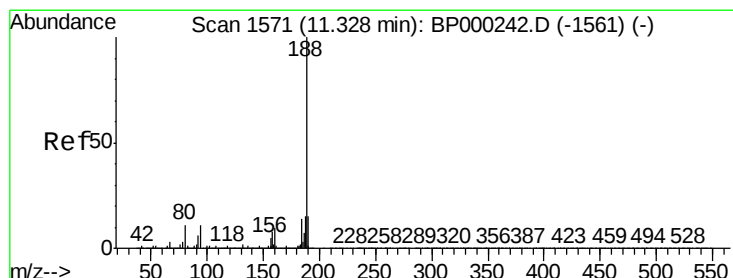
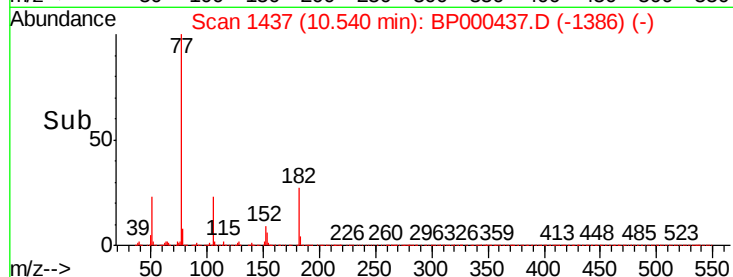
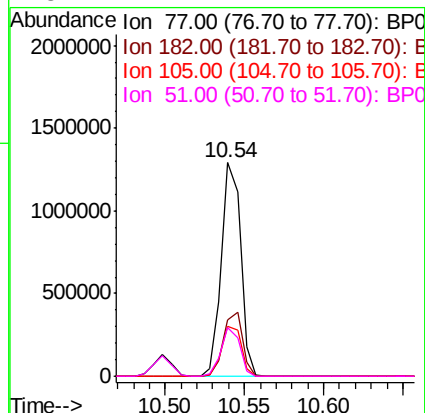
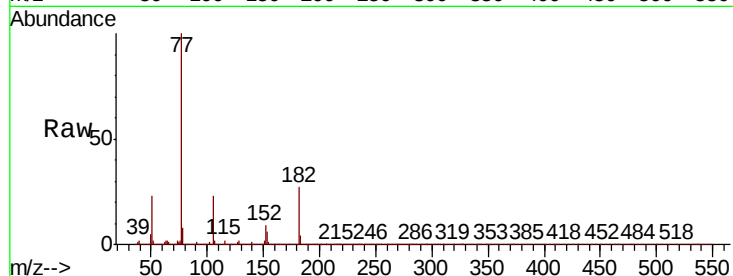




#63
Azobenzene
Concen: 44.159 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

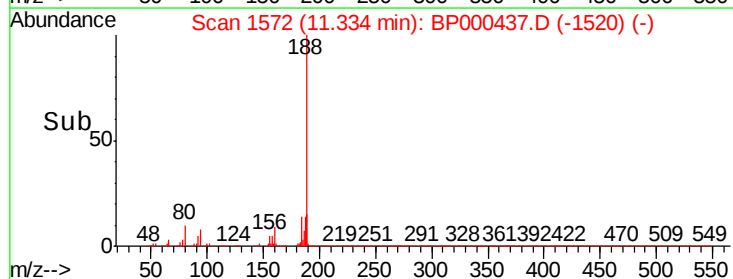
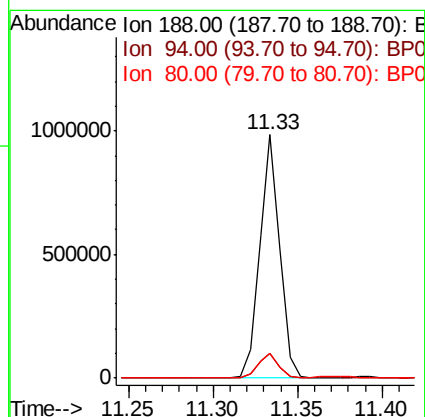
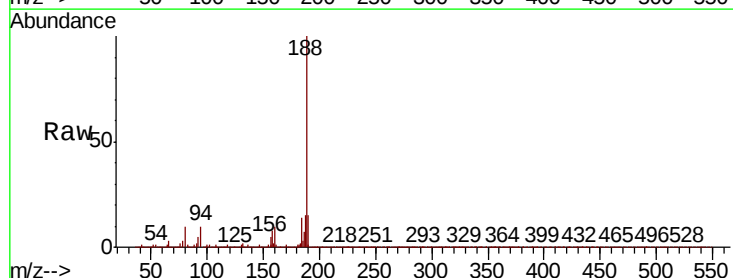
Instrument :
BNA_P
ClientSampleId :

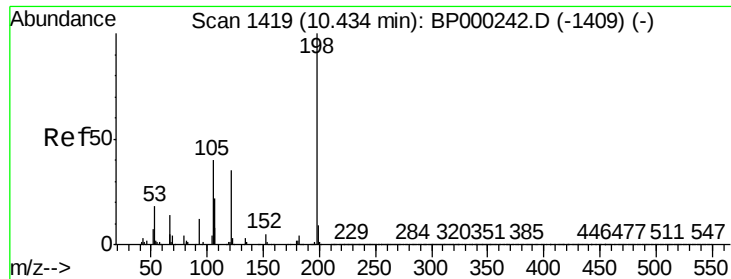
Tot Ion:	77	Resp:	1089893
Ion	Ratio	Lower	Upper
77	100		
182	26.7	11.1	51.1
105	23.4	4.7	44.7
51	22.7	2.2	42.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:	188	Resp:	810568
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	10.1	8.6	13.0

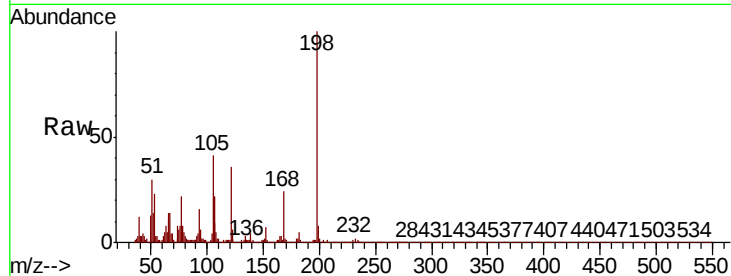




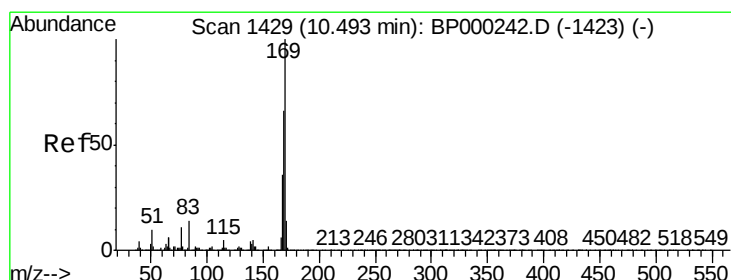
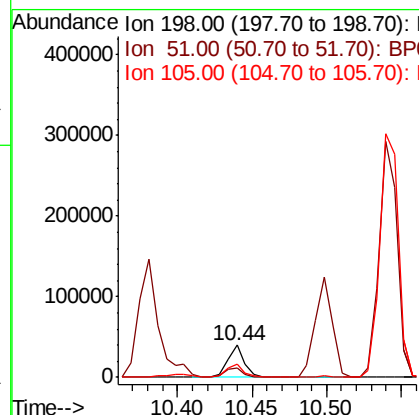
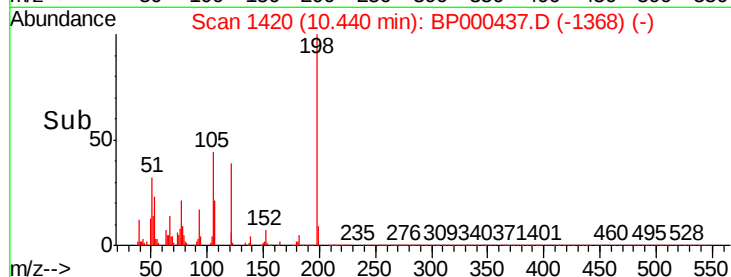
#65
4,6-Dinitro-2-methylphenol
Concen: 8.226 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion:198 Resp: 31352
Ion Ratio Lower Upper
198 100
51 29.6 7.4 47.4
105 41.0 20.2 60.2

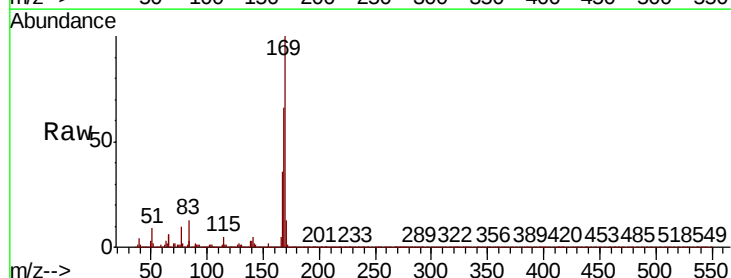


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

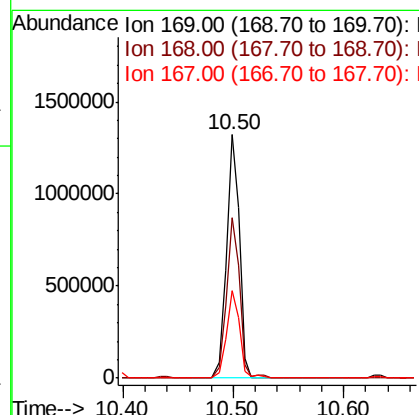
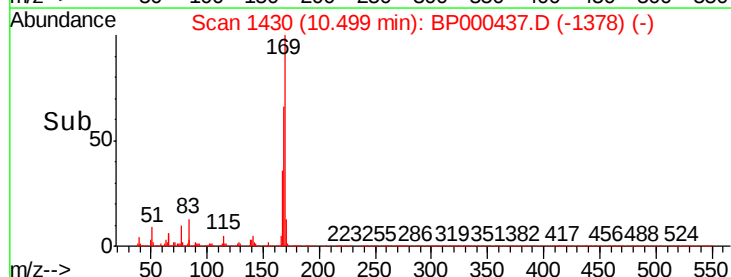


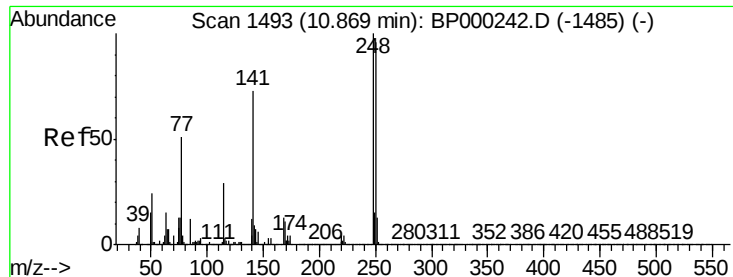
#66
n-Nitrosodiphenylamine
Concen: 44.004 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:169 Resp: 1073739
Ion Ratio Lower Upper
169 100
168 66.0 52.9 79.3
167 35.9 29.0 43.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

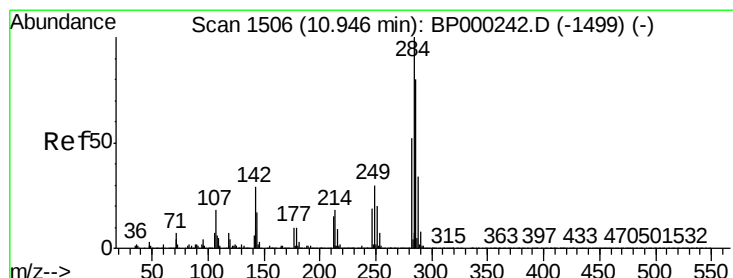
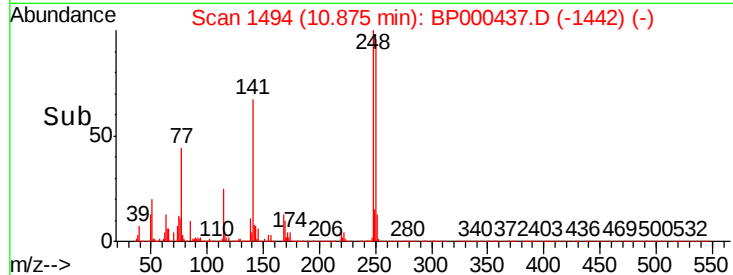
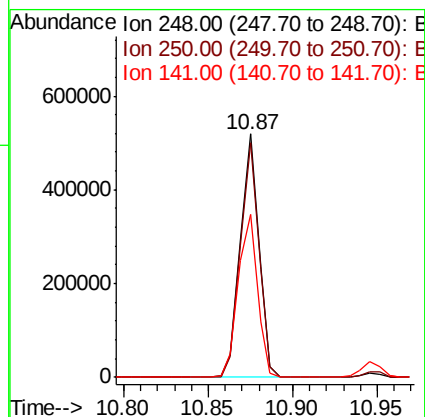
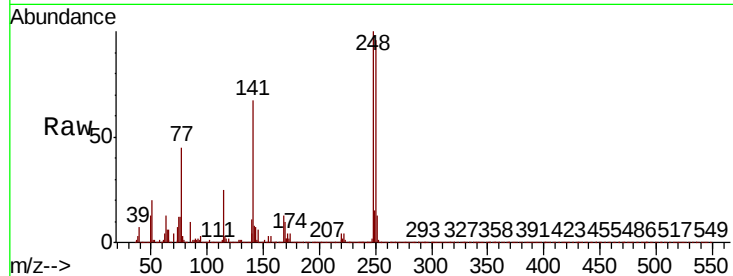




#67
4-Bromophenyl-phenylether
Concen: 43.224 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

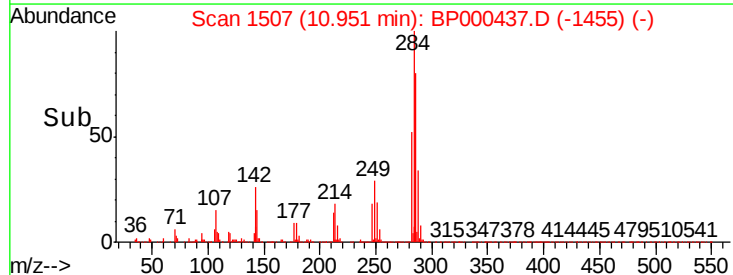
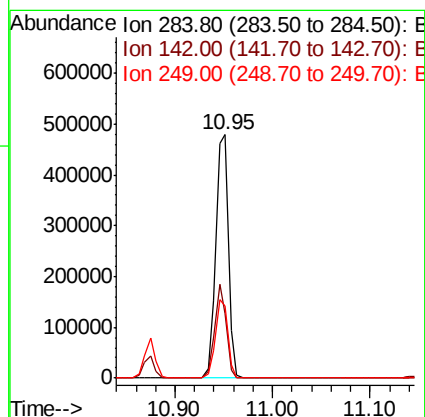
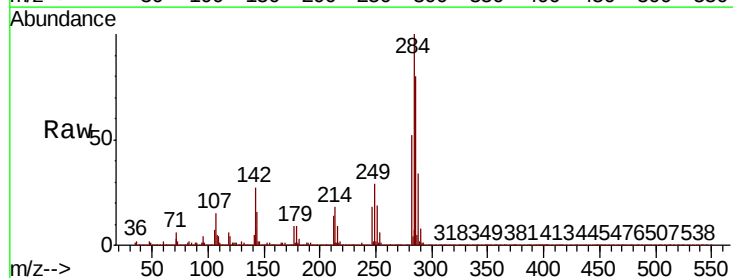
Instrument :
BNA_P
ClientSampleId :

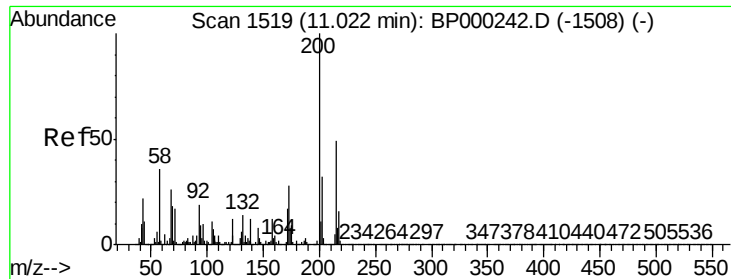
Tot Ion:248 Resp: 396193
Ion Ratio Lower Upper
248 100
250 96.4 77.0 115.4
141 67.1 58.5 87.7



#68
Hexachlorobenzene
Concen: 42.907 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:284 Resp: 429960
Ion Ratio Lower Upper
284 100
142 26.5 23.6 35.4
249 29.4 24.3 36.5

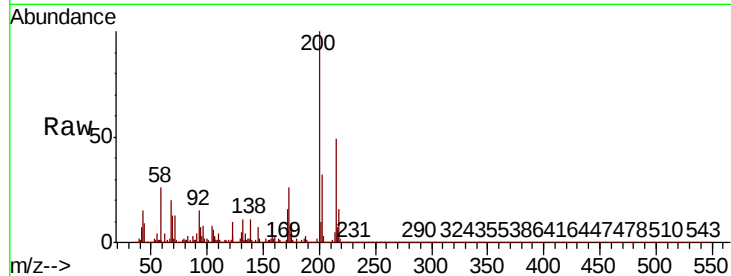




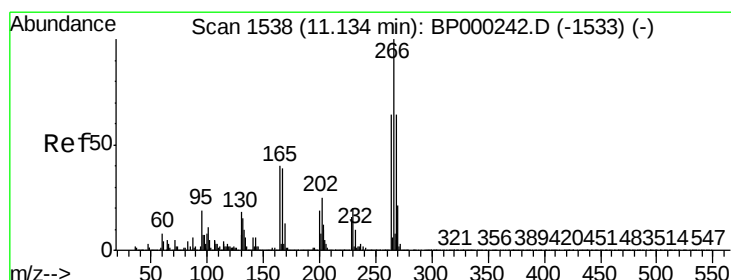
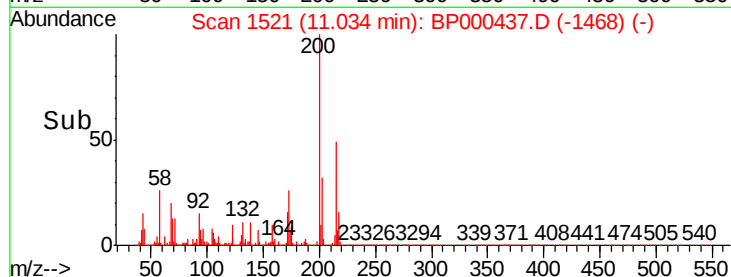
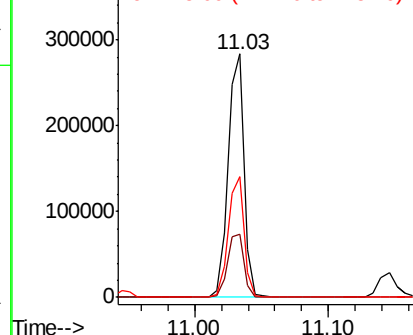
#69
Atrazine
Concen: 34.894 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.8	7.6	47.6
215	49.4	28.6	68.6

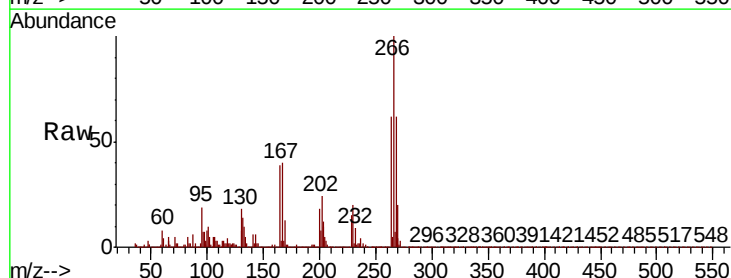


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

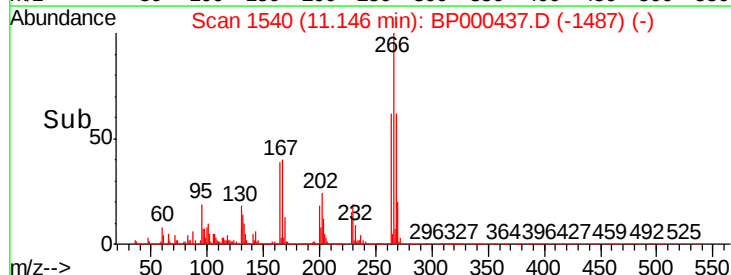
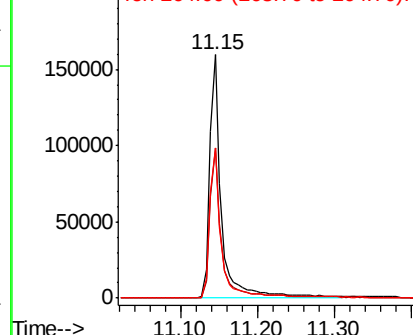


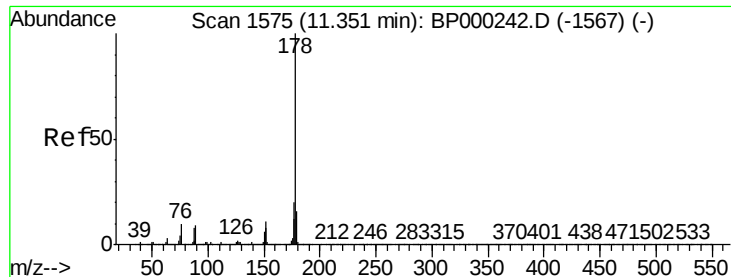
#70
Pentachlorophenol
Concen: 31.166 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.6	77.4
264	61.7	50.8	76.2



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.152 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :

BNA_P

ClientSampled :

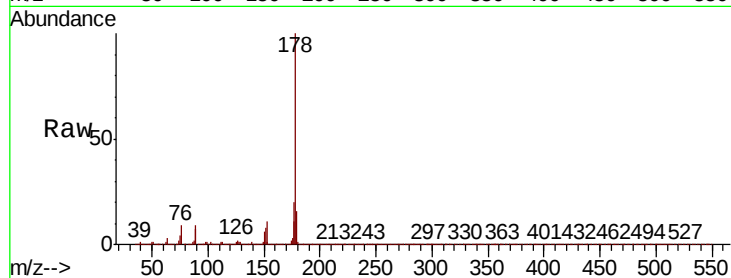
Tot Ion:178 Resp: 1834072

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.7	12.7	19.1

178 100

176 19.7 15.8 23.8

179 15.7 12.7 19.1

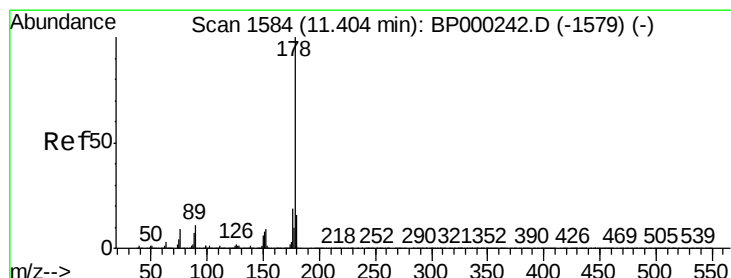
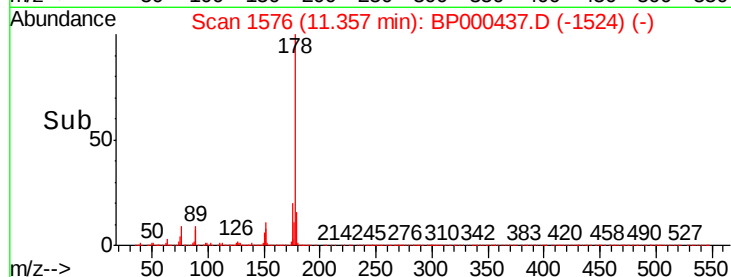
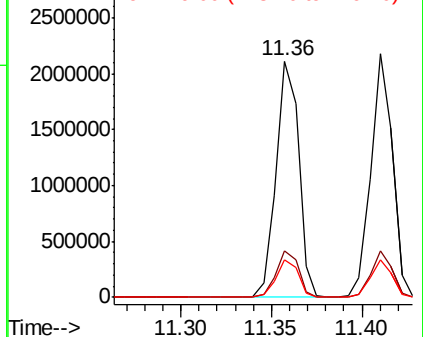


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.686 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

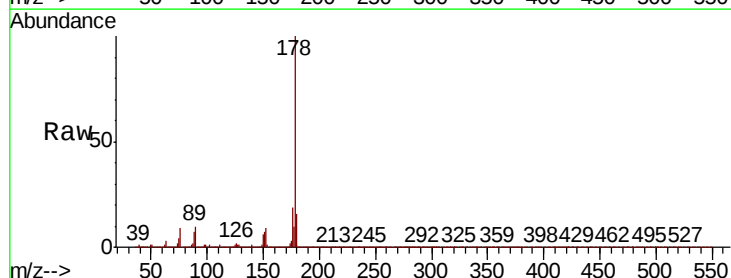
Tgt Ion:178 Resp: 1826545

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.6	12.7	19.1

178 100

176 19.1 15.4 23.0

179 15.6 12.7 19.1

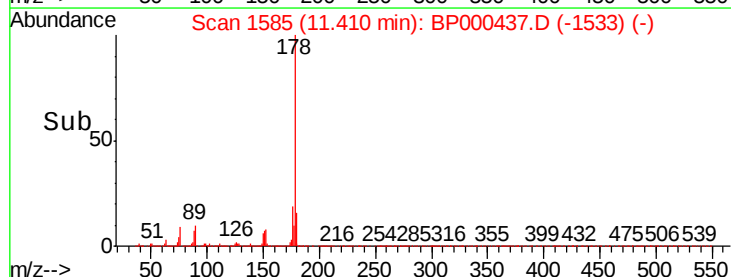
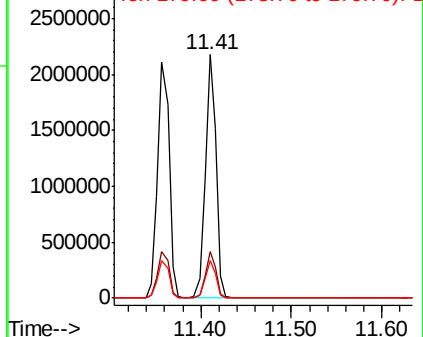


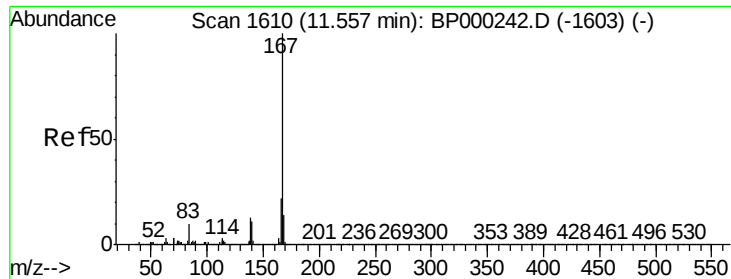
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

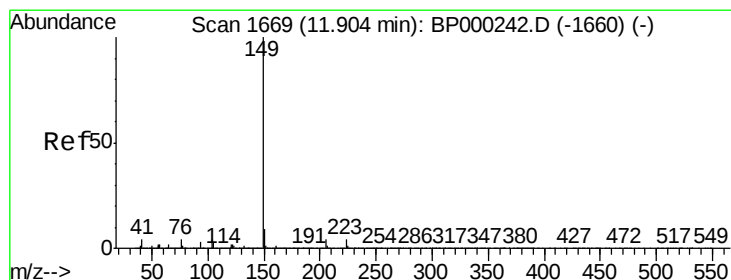
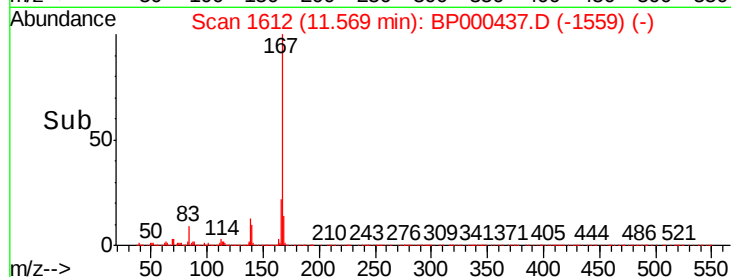
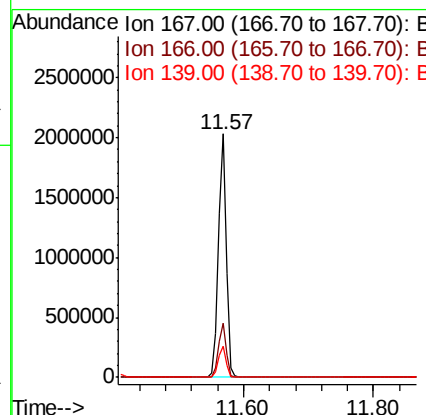
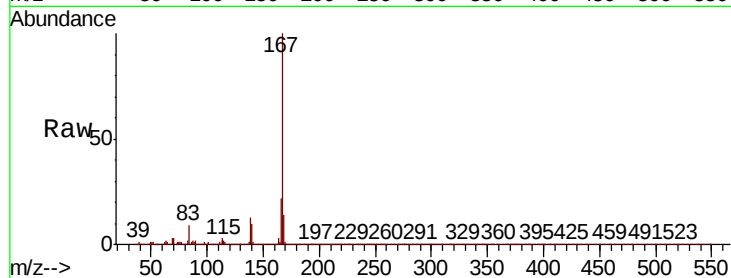




#73
 Carbazole
 Concen: 45.041 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BP000437.D
 Acq: 26 Sep 2019 22:25

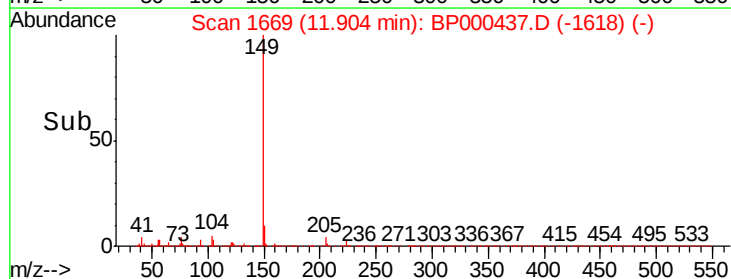
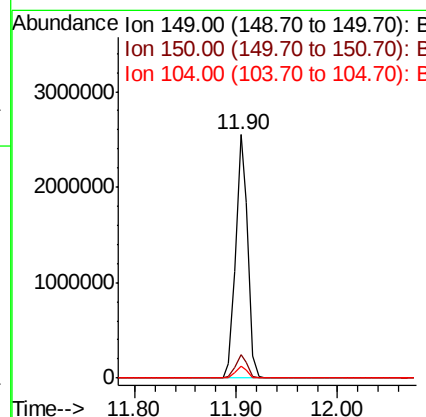
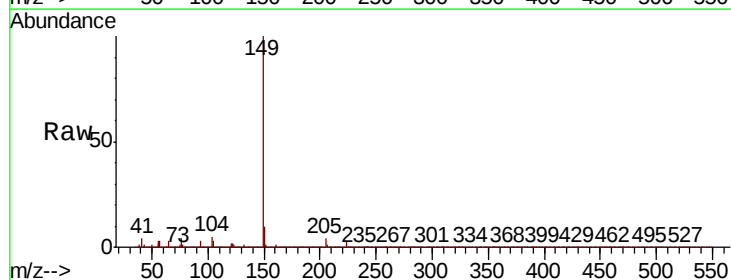
Instrument :
 BNA_P
 ClientSampleId :

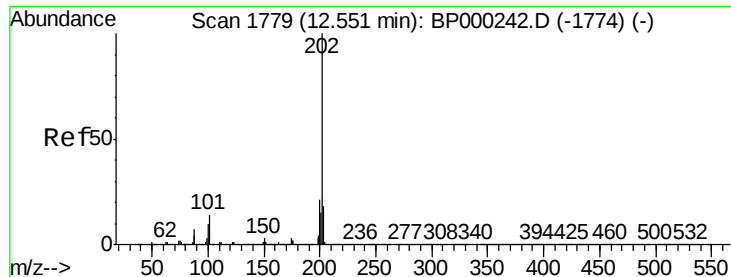
Tot Ion:167 Resp: 1695939
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 12.9 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 43.947 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BP000437.D
 Acq: 26 Sep 2019 22:25

Tgt Ion:149 Resp: 2094497
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 4.8 3.5 5.3





#75

Fluoranthene

Concen: 45.534 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

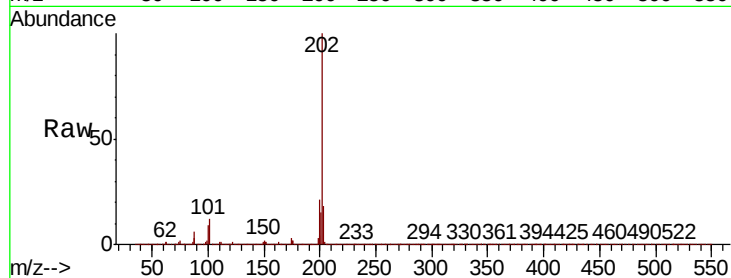
Tot Ion:202 Resp: 1986055

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.9

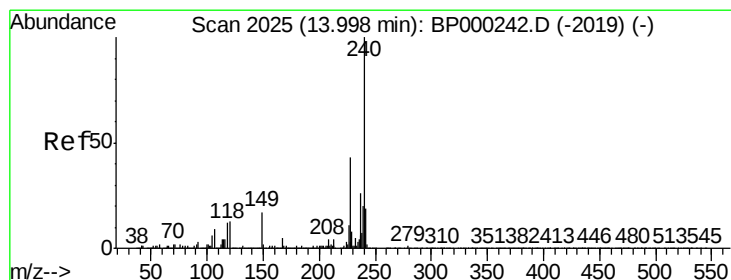
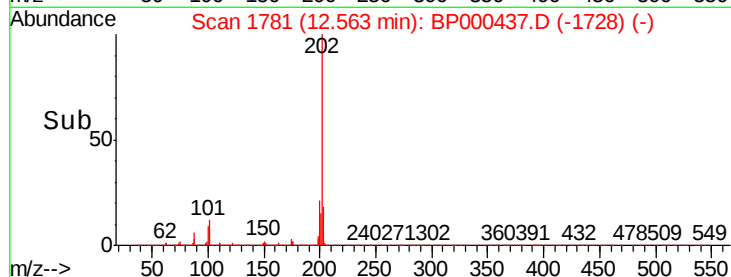
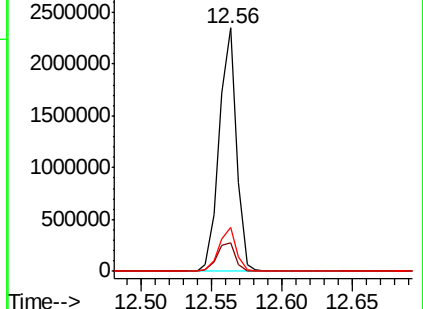
203 17.8 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

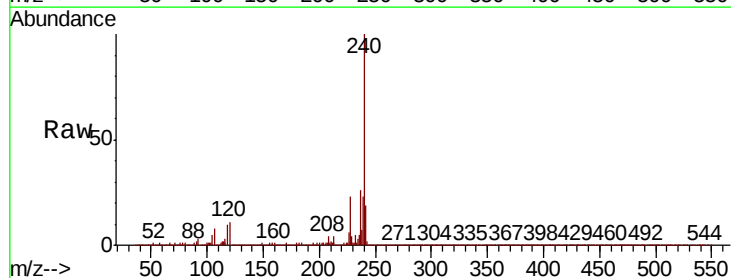
Tgt Ion:240 Resp: 673209

Ion Ratio Lower Upper

240 100

120 11.1 10.4 15.6

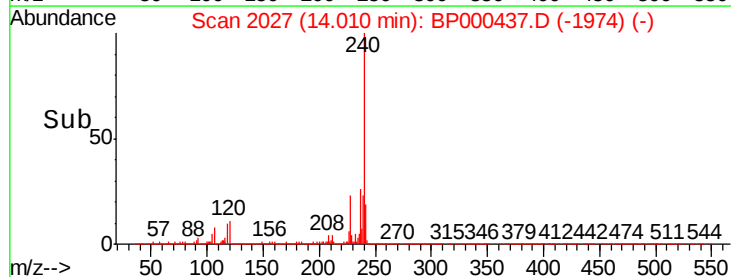
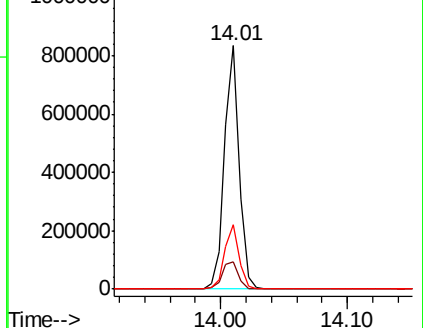
236 26.3 21.0 31.6

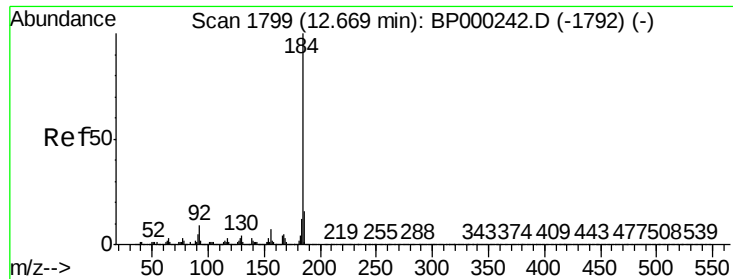


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.911 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

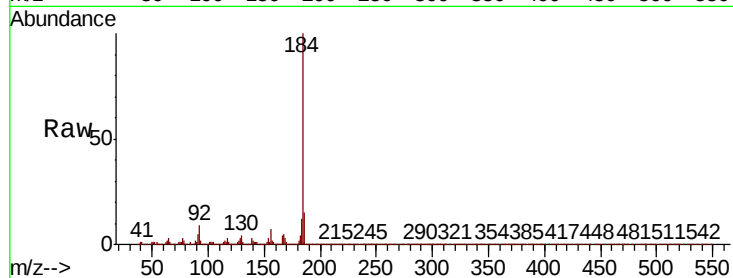
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 1007676

Ion	Ratio	Lower	Upper
184	100		
185	15.2	12.7	19.1
183	12.1	9.5	14.3

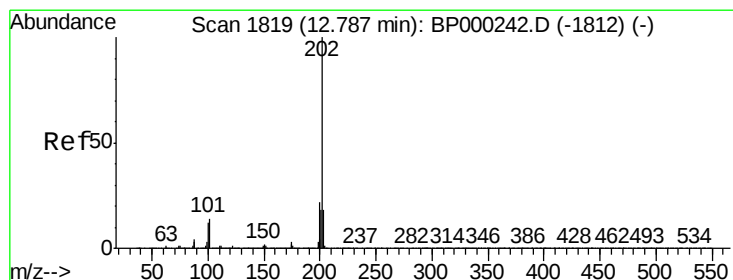
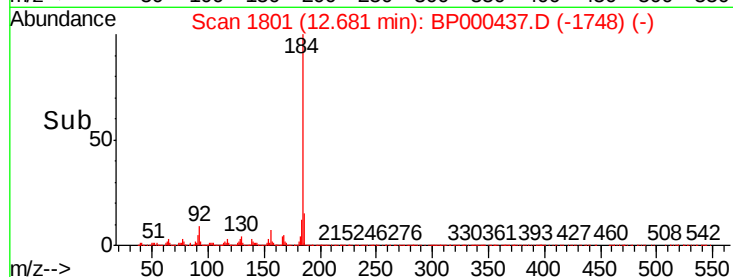
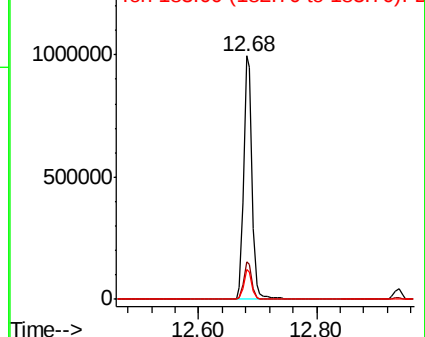


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.361 ng

RT: 12.79 min Scan# 1820

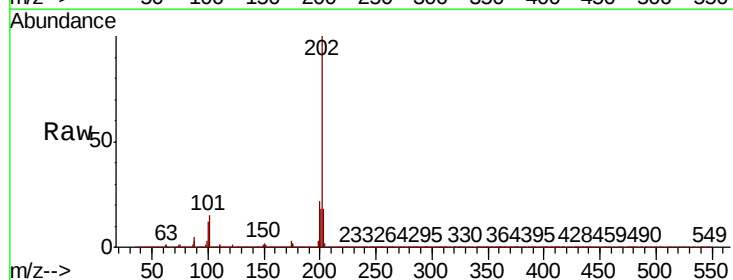
Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Tgt Ion:202 Resp: 2032891

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	18.0	14.3	21.5

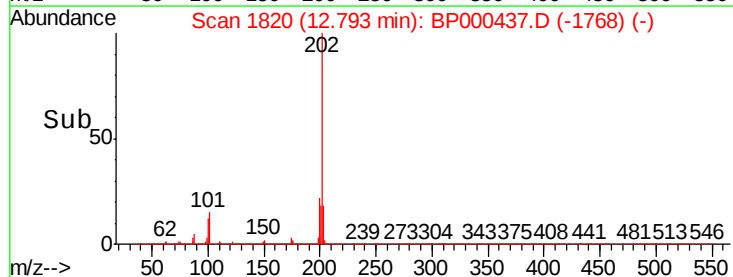
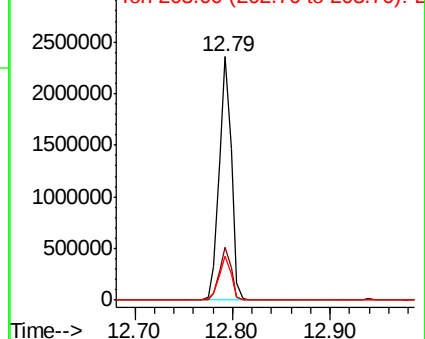


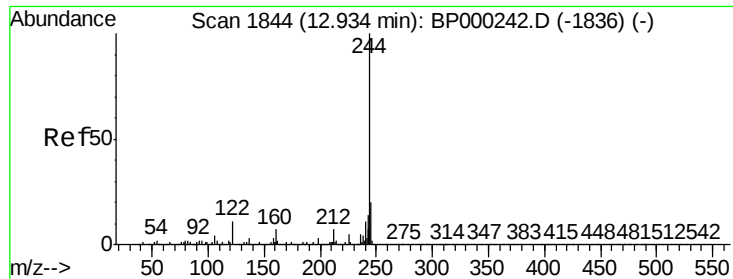
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.422 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

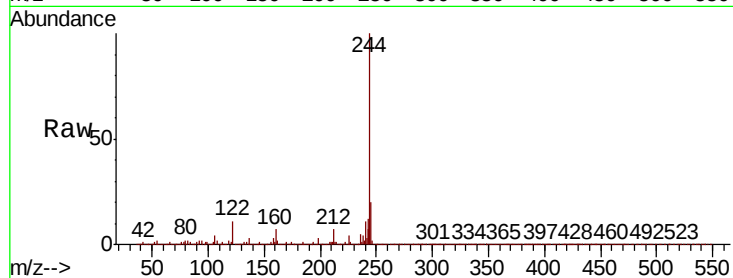
Tot Ion:244 Resp: 2709144

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

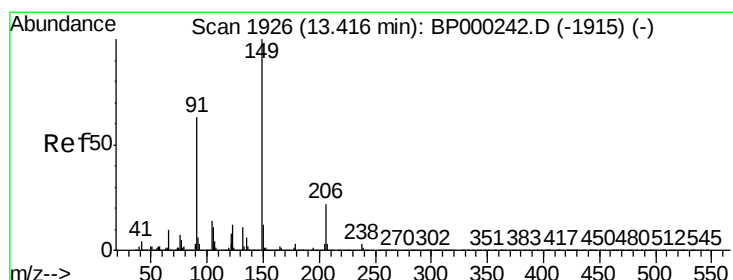
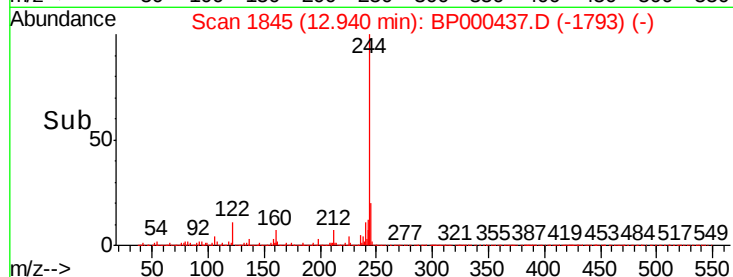
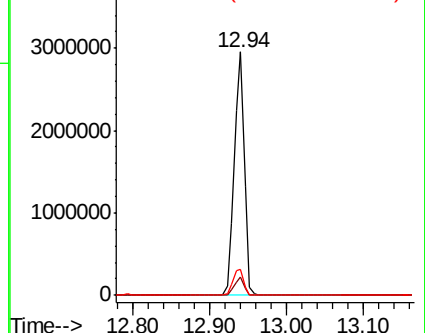
122 10.7 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.509 ng

RT: 13.42 min Scan# 1927

Delta R.T. 0.01 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

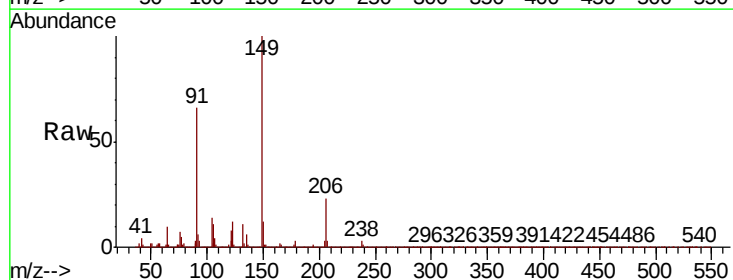
Tgt Ion:149 Resp: 914377

Ion Ratio Lower Upper

149 100

91 66.0 50.6 76.0

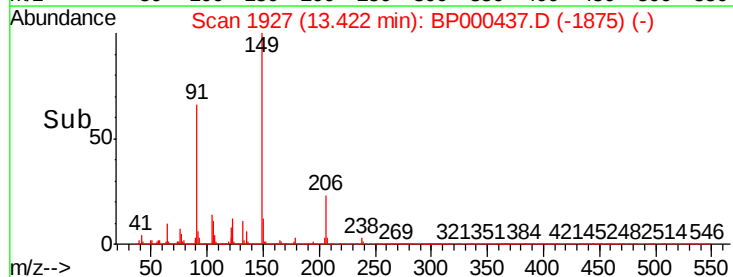
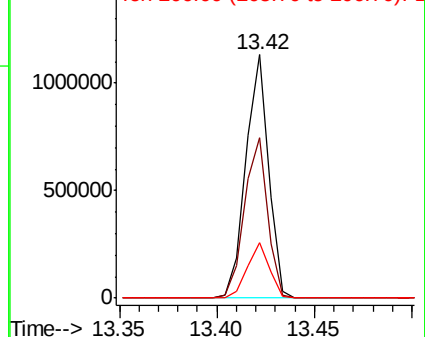
206 22.8 17.8 26.6

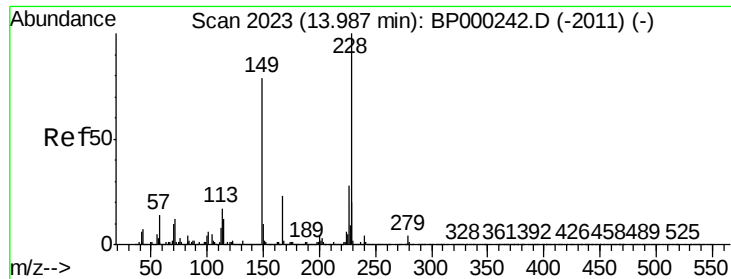


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

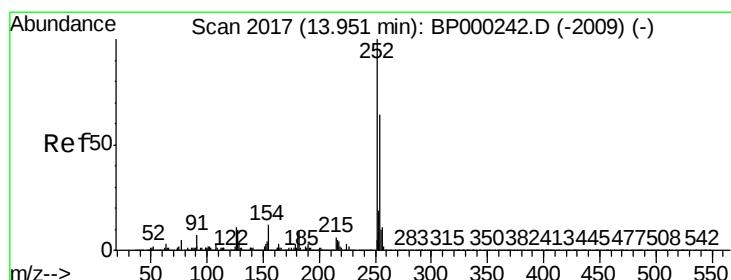
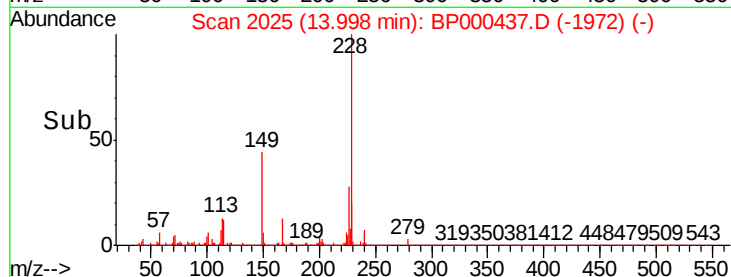
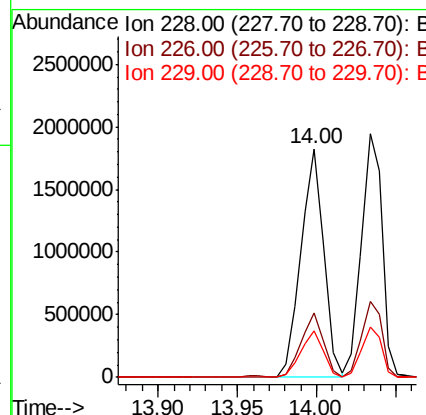
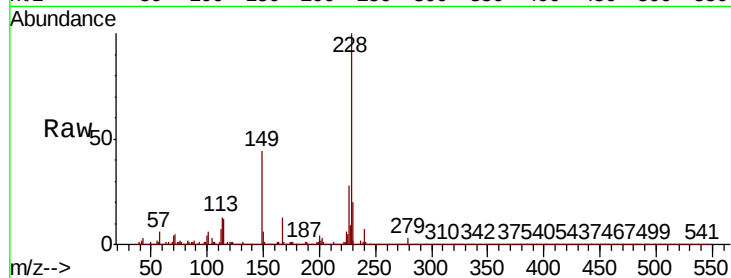




#81
Benzo(a)anthracene
Concen: 42.727 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

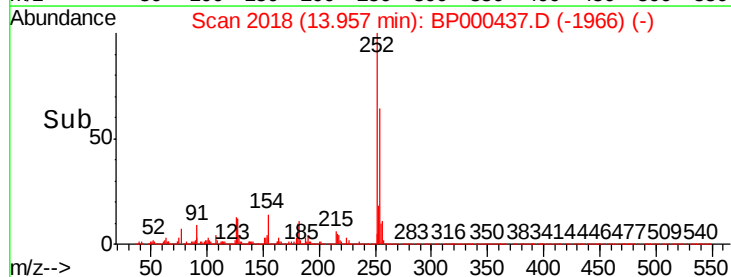
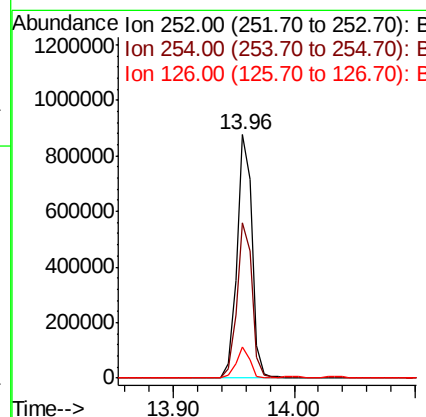
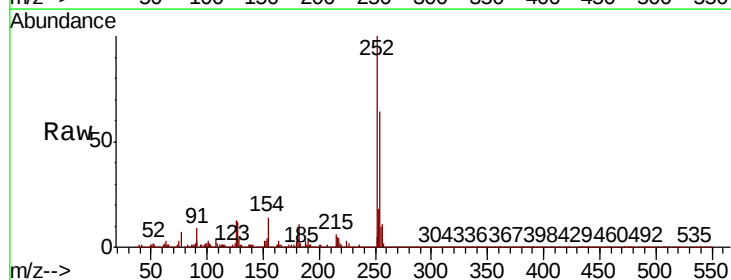
Instrument :
BNA_P
ClientSampled :

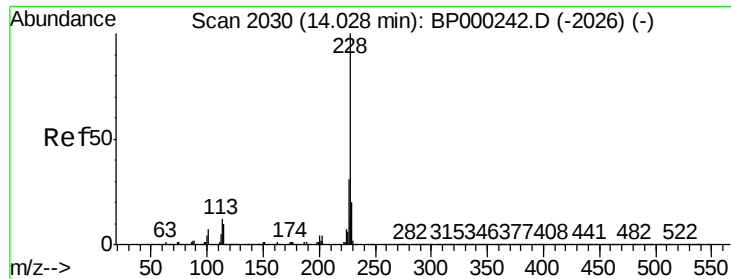
Tot Ion:228 Resp: 1816975
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.4
229 20.4 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 44.500 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:252 Resp: 760525
Ion Ratio Lower Upper
252 100
254 63.7 51.5 77.3
126 12.7 8.4 12.6#

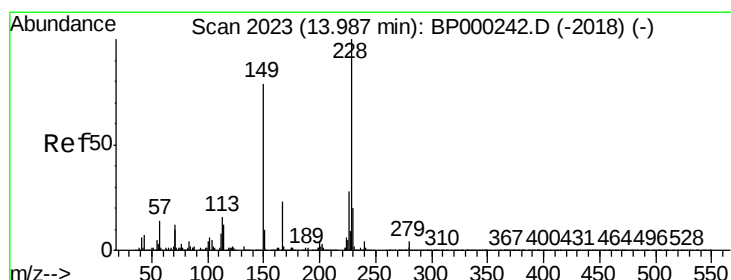
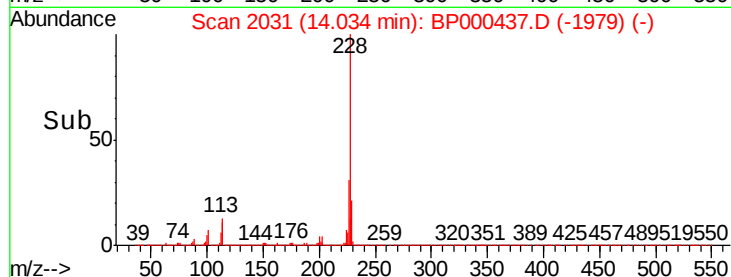
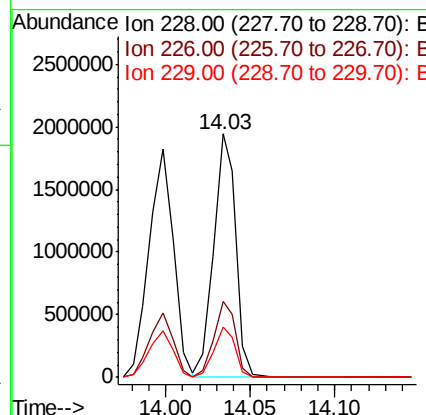
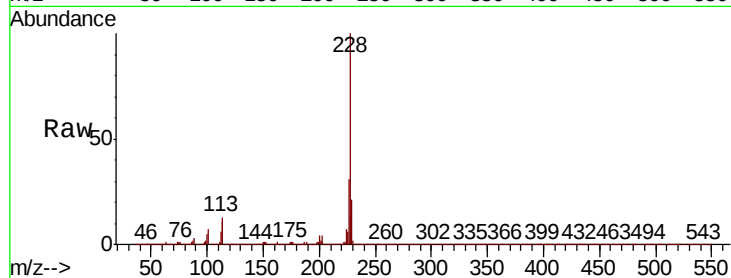




#83
 Chrysene
 Concen: 42.529 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BP000437.D
 Acq: 26 Sep 2019 22:25

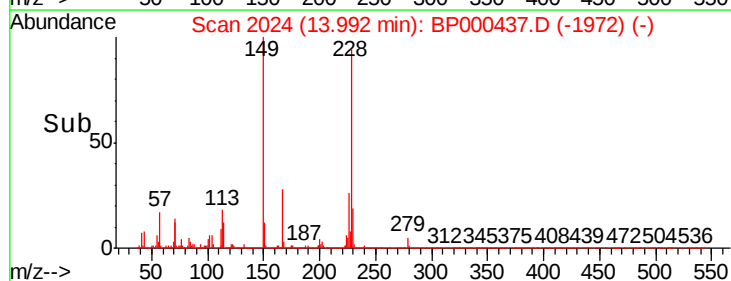
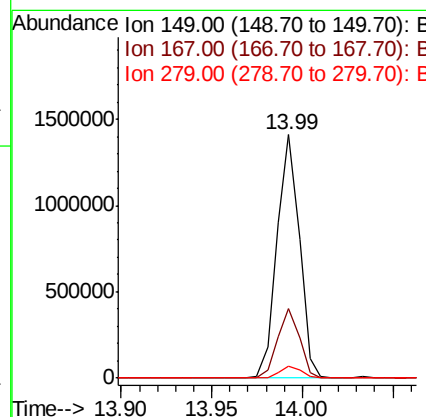
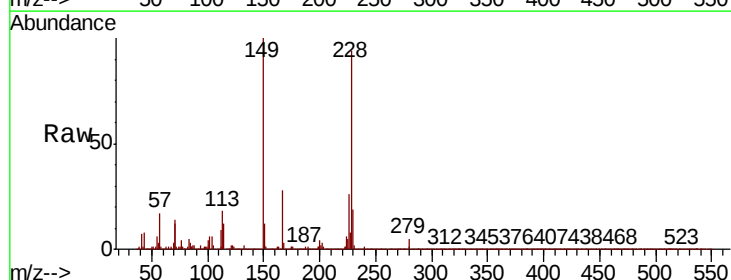
Instrument :
 BNA_P
 ClientSampled :

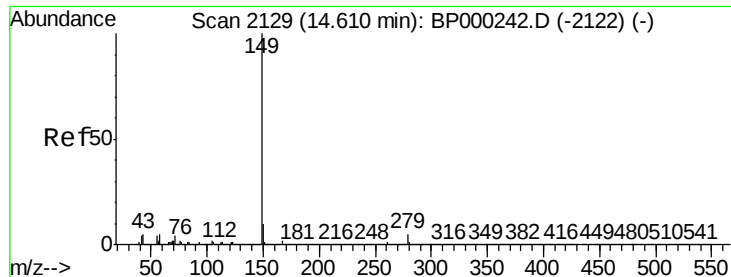
Tot Ion:228 Resp: 1775744
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.7 16.2 24.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.619 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BP000437.D
 Acq: 26 Sep 2019 22:25

Tgt Ion:149 Resp: 1211826
 Ion Ratio Lower Upper
 149 100
 167 28.5 23.0 34.4
 279 4.7 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 41.988 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Instrument :

BNA_P

ClientSampleId :

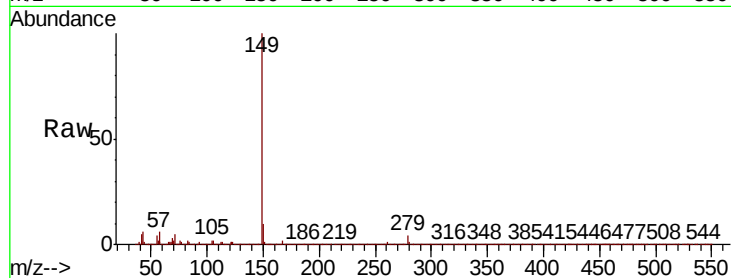
Tot Ion:149 Resp: 2162015

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

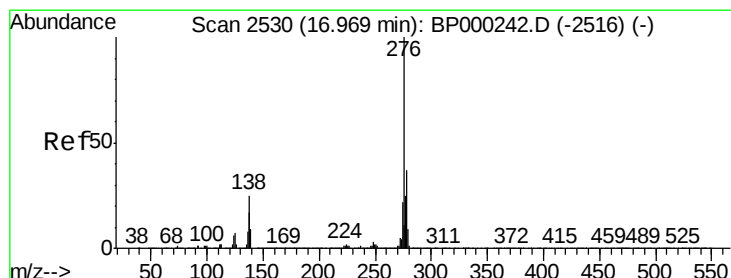
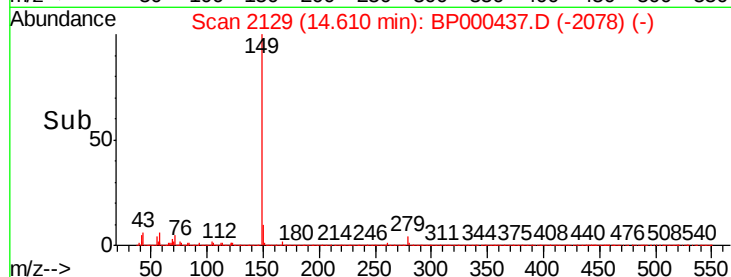
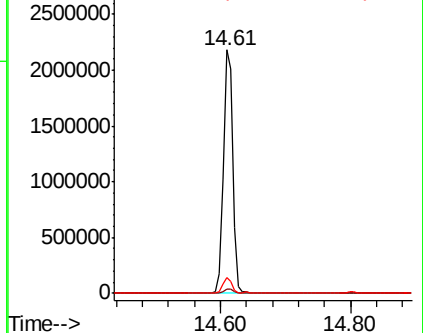
43 6.2 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.167 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

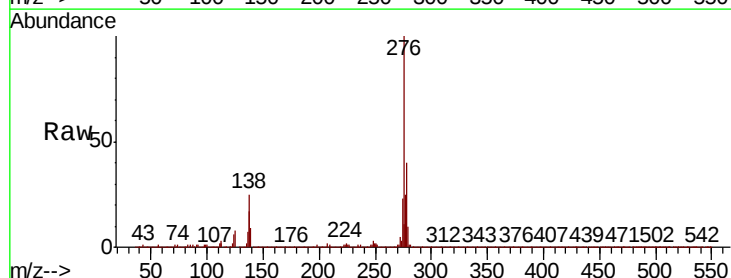
Tgt Ion:276 Resp: 1789815

Ion Ratio Lower Upper

276 100

138 27.3 22.6 33.8

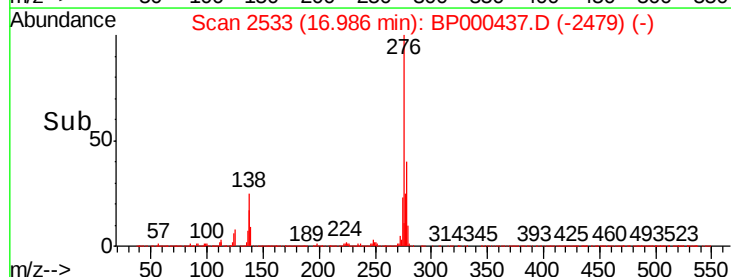
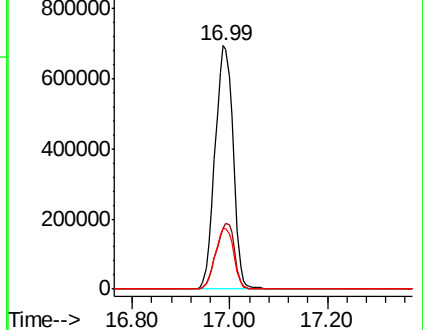
277 25.4 20.4 30.6

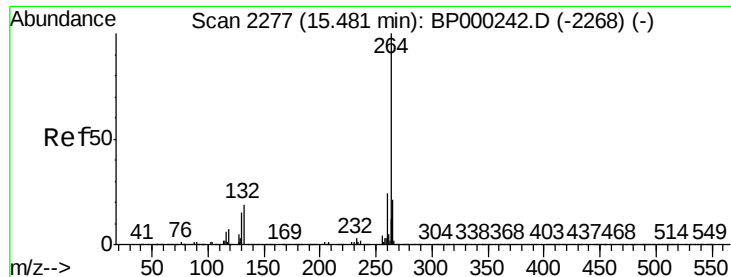


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

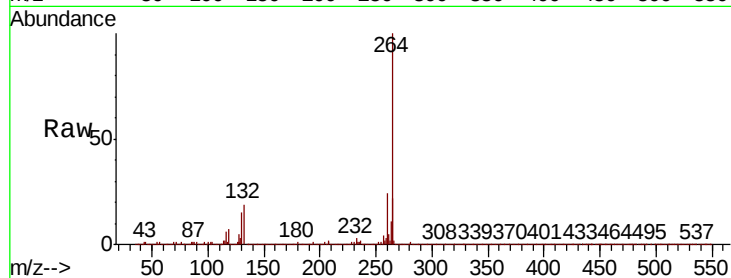




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.7	17.2	25.8

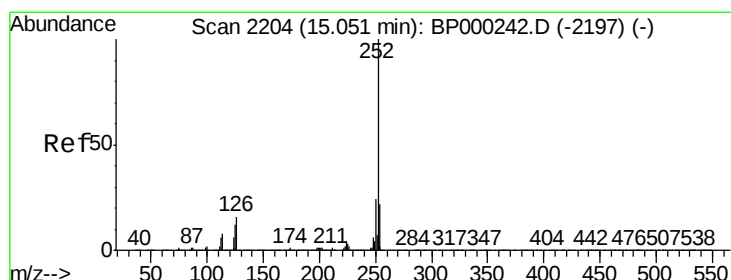
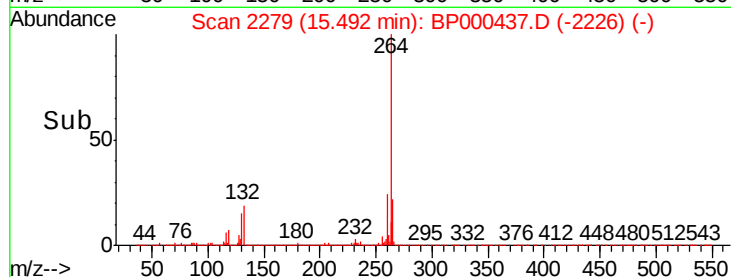
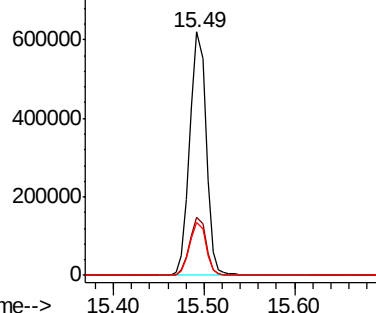


Abundance

Ion 264.00 (263.70 to 264.70): E

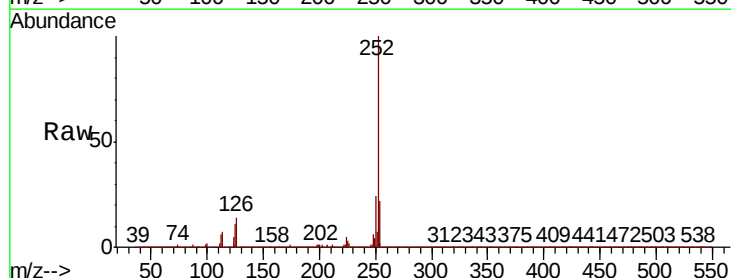
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 41.491 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.8	9.5	14.3

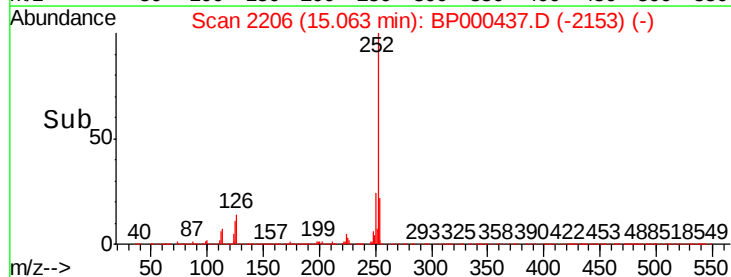
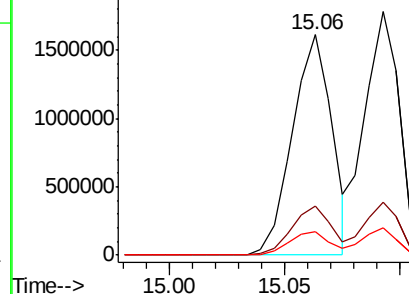


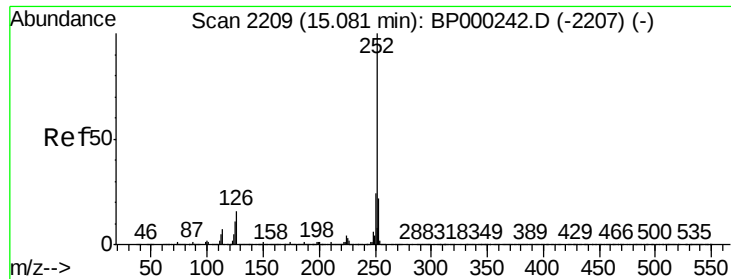
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

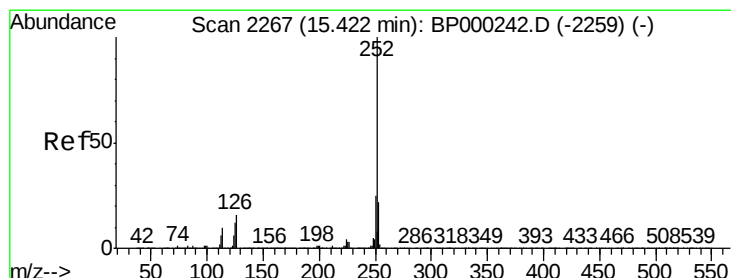
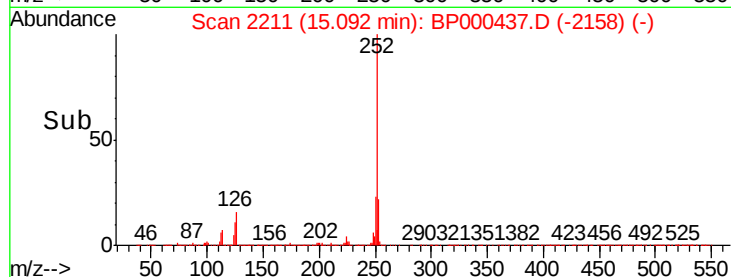
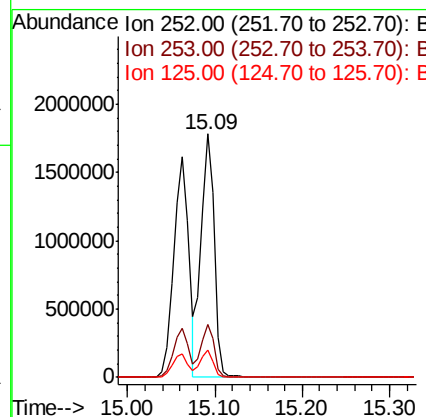
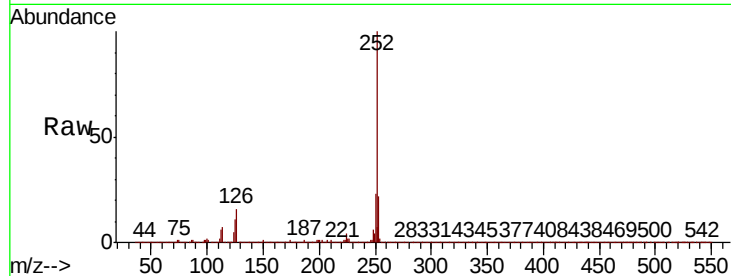




#89
Benzo(k)fluoranthene
Concen: 46.921 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

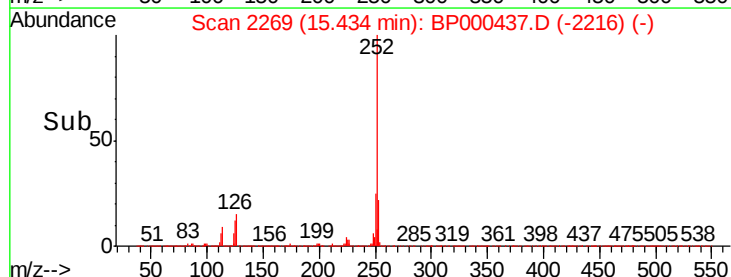
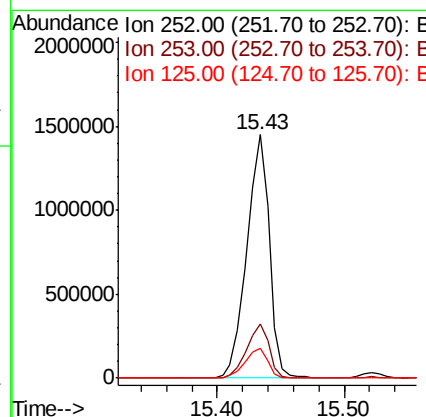
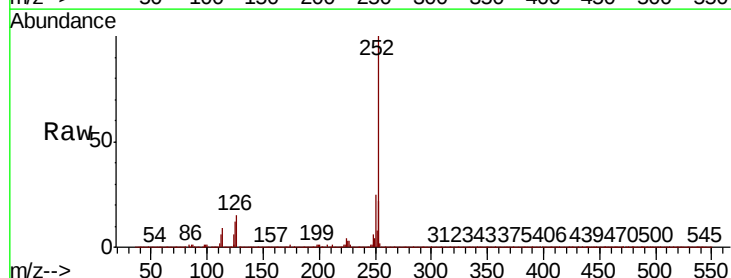
Instrument :
BNA_P
ClientSampled :

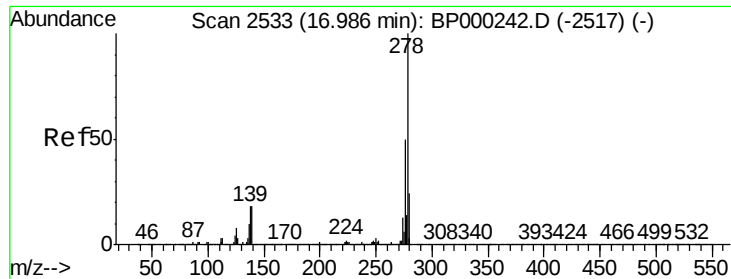
Tot Ion:252 Resp: 1893747
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 11.3 9.6 14.4



#90
Benzo(a)pyrene
Concen: 42.417 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BP000437.D
Acq: 26 Sep 2019 22:25

Tgt Ion:252 Resp: 1785836
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 12.0 10.0 15.0





#91

Dibenzo(a,h)anthracene

Concen: 37.716 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.02 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

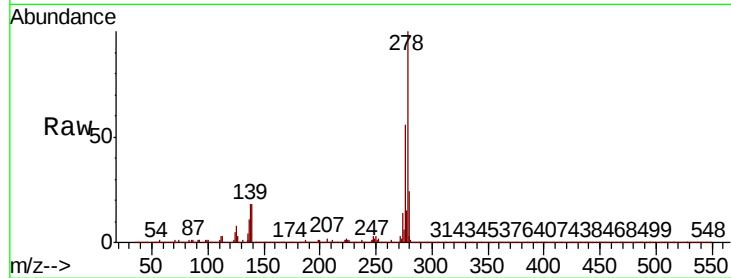
Instrument :

BNA_P

ClientSampled :

Tot Ion:278 Resp: 1480466

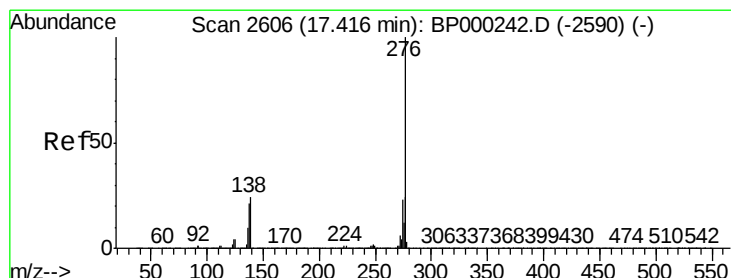
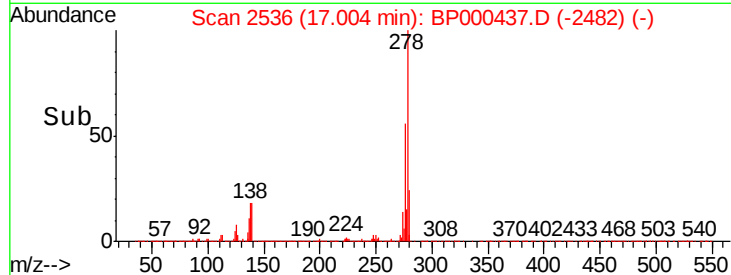
Ion	Ratio	Lower	Upper
278	100		
139	18.4	14.5	21.7
279	24.4	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 33.210 ng

RT: 17.43 min Scan# 2609

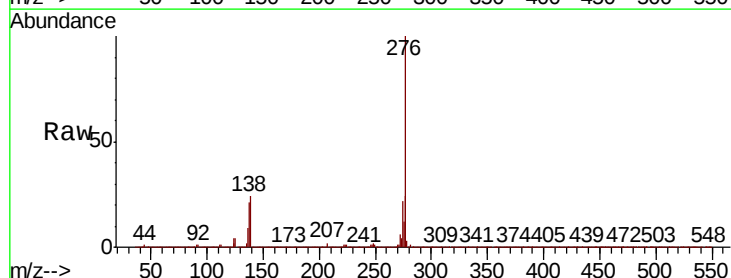
Delta R.T. 0.02 min

Lab File: BP000437.D

Acq: 26 Sep 2019 22:25

Tgt Ion:276 Resp: 1339921

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	23.9	19.5	29.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

