

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001089.D
 Acq On : 27 Nov 2019 16:28
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 27 16:55:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 15:39:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	200136	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	728573	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	403272	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	742467	20.00	ng	0.00
76) Chrysene-d12	19.28	240	444400	20.00	ng	0.00
87) Perylene-d12	21.06	264	489169	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	1765914	160.60	ng	0.00
7) Phenol-d6	7.79	99	2392677	172.08	ng	0.02
23) Nitrobenzene-d5	9.23	82	2632177	199.85	ng	0.02
42) 2,4,6-Tribromophenol	14.54	330	576773	119.81	ng	0.02
45) 2-Fluorobiphenyl	12.16	172	3996837	149.27	ng	0.00
79) Terphenyl-d14	17.92	244	3845985	172.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	418929	87.629	ng	99
3) Pyridine	3.40	79	1222542	96.722	ng	99
4) n-Nitrosodimethylamine	3.35	42	530982	120.534	ng	94
6) Aniline	7.82	93	1567346	86.311	ng	# 29
8) 2-Chlorophenol	8.00	128	926106	79.427	ng	99
9) Benzaldehyde	7.63	77	640897	66.062	ng	99
10) Phenol	7.81	94	1340935	88.171	ng	88
11) bis(2-Chloroethyl)ether	7.95	93	1065763	90.019	ng	99
12) 1,3-Dichlorobenzene	8.24	146	1083548	74.072	ng	99
13) 1,4-Dichlorobenzene	8.36	146	1091018	74.044	ng	99
14) 1,2-Dichlorobenzene	8.60	146	1009064	74.053	ng	99
15) Benzyl Alcohol	8.57	79	987938	93.240	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.80	45	1735143	140.333	ng	98
17) 2-Methylphenol	8.76	107	866386	87.519	ng	97
18) Hexachloroethane	9.14	117	462382	85.433	ng	99
19) n-Nitroso-di-n-propylamine	9.02	70	873594	104.634	ng	99
20) 3+4-Methylphenols	9.02	107	1054089	85.829	ng	93
22) Acetophenone	8.99	105	1662490	88.355	ng	# 99
24) Nitrobenzene	9.26	77	1304648	98.717	ng	99
25) Isophorone	9.65	82	2372797	97.877	ng	99
26) 2-Nitrophenol	9.76	139	504666	102.186	ng	99
27) 2,4-Dimethylphenol	9.86	122	755986	81.743	ng	98
28) bis(2-Chloroethoxy)methane	10.02	93	1455998	91.858	ng	99
29) 2,4-Dichlorophenol	10.15	162	859192	76.970	ng	99
30) 1,2,4-Trichlorobenzene	10.29	180	981112	71.545	ng	100
31) Naphthalene	10.41	128	2800039	76.922	ng	100
32) Benzoic acid	10.09	122	600156	119.882	ng	98
33) 4-Chloroaniline	10.50	127	1237371	79.271	ng	99
34) Hexachlorobutadiene	10.63	225	616900	68.089	ng	99
35) Caprolactam	11.13	113	300559	85.307	ng	99
36) 4-Chloro-3-methylphenol	11.32	107	1031950	89.028	ng	99
37) 2-Methylnaphthalene	11.54	142	1918057	75.283	ng	98
38) 1-Methylnaphthalene	11.70	142	1808722	75.132	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.82	216	955214	71.136	ng	99

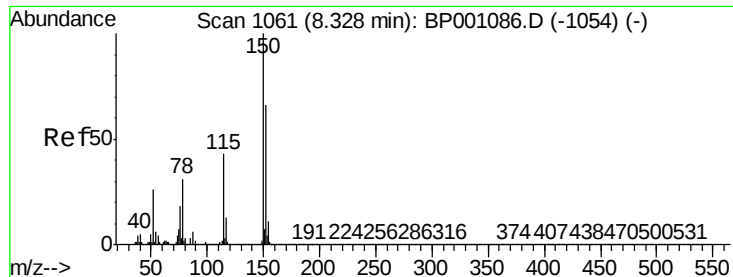
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.81	237	481135	71.524	nq	99
43) 2,4,6-Trichlorophenol	12.00	196	658109	81.286	nq	99
44) 2,4,5-Trichlorophenol	12.06	196	682100	78.799	nq	98
46) 1,1'-Biphenyl	12.32	154	2305978	76.475	nq	99
47) 2-Chloronaphthalene	12.33	162	1855596	76.443	nq	98
48) 2-Nitroaniline	12.50	65	785367	123.606	nq	99
49) Acenaphthylene	13.01	152	2789271	75.584	nq	99
50) Dimethylphthalate	12.85	163	2256728	75.679	nq	100
51) 2,6-Dinitrotoluene	12.92	165	507153	81.533	nq	100
52) Acenaphthene	13.30	154	1694159	76.757	nq	99
53) 3-Nitroaniline	13.19	138	564286	83.174	nq	99
54) 2,4-Dinitrophenol	13.35	184	210173	137.067	nq	91
55) Dibenzofuran	13.58	168	2444248	70.899	nq	97
56) 4-Nitrophenol	13.47	139	413447	87.633	nq	93
57) 2,4-Dinitrotoluene	13.57	165	606762	77.662	nq	# 82
58) Fluorene	14.14	166	1988975	72.493	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.78	232	550860	74.845	nq	99
60) Diethylphthalate	14.00	149	2369168	79.096	nq	100
61) 4-Chlorophenyl-phenylether	14.16	204	1005433	69.307	nq	98
62) 4-Nitroaniline	12.50	138	668568	91.908	nq	96
63) Azobenzene	14.42	77	2553391	97.402	nq	99
65) 4,6-Dinitro-2-methylphenol	14.25	198	269653	128.726	nq	96
66) n-Nitrosodiphenylamine	14.36	169	1719130	80.532	nq	100
67) 4-Bromophenyl-phenylether	14.96	248	615335	70.402	nq	93
68) Hexachlorobenzene	15.04	284	671571	66.303	nq	99
69) Atrazine	15.24	200	457792	58.896	nq	99
70) Pentachlorophenol	15.34	266	387551	85.956	nq	98
71) Phenanthrene	15.67	178	2903916	76.418	nq	99
72) Anthracene	15.75	178	2882439	77.757	nq	98
73) Carbazole	16.00	167	2580691	75.933	nq	99
74) Di-n-butylphthalate	16.55	149	3467833	84.545	nq	99
75) Fluoranthene	17.39	202	2966368	69.063	nq	98
77) Benzidine	17.57	184	661898	40.445	nq	97
78) Pyrene	17.69	202	2963423	94.358	nq	100
80) Butylbenzylphthalate	18.57	149	1332295	107.135	nq	99
81) Benzo(a)anthracene	19.27	228	2447486	81.773	nq	99
82) 3,3'-Dichlorobenzidine	19.24	252	762580	69.881	nq	99
83) Chrysene	19.32	228	2095311	79.740	nq	100
84) Bis(2-ethylhexyl)phthalate	19.32	149	1648517	104.261	nq	100
85) Di-n-octyl phthalate	20.10	149	2984486	104.849	nq	98
86) Indeno(1,2,3-cd)pyrene	22.72	276	2664955	74.122	nq	99
88) Benzo(b)fluoranthene	20.57	252	2281292	78.237	nq	99
89) Benzo(k)fluoranthene	20.61	252	2206674	80.395	nq	99
90) Benzo(a)pyrene	20.99	252	2157924	80.483	nq	100
91) Dibenzo(a,h)anthracene	22.76	278	2158560	78.879	nq	99
92) Benzo(g,h,i)perylene	23.22	276	2175197	78.941	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1062

Delta R.T. 0.01 min

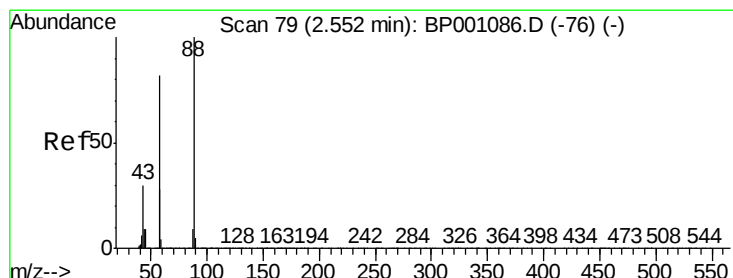
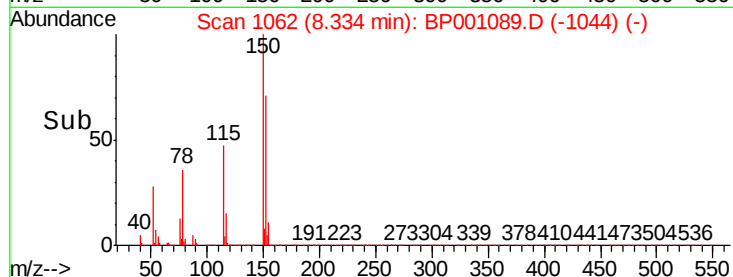
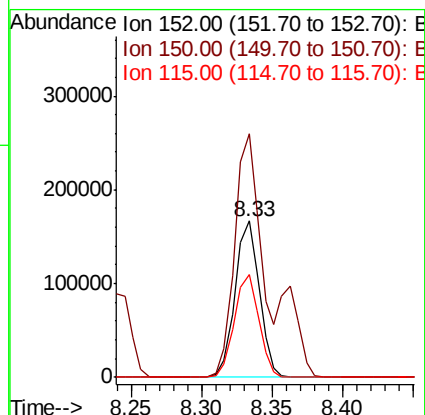
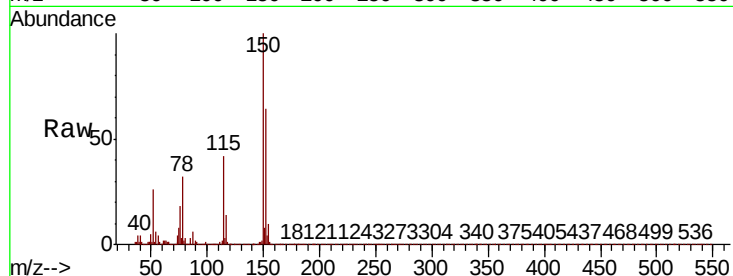
Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 200136

Ion	Ratio	Lower	Upper
152	100		
150	155.9	120.6	181.0
115	65.9	51.6	77.4



#2

1,4-Dioxane

Concen: 87.629 ng

RT: 2.56 min Scan# 80

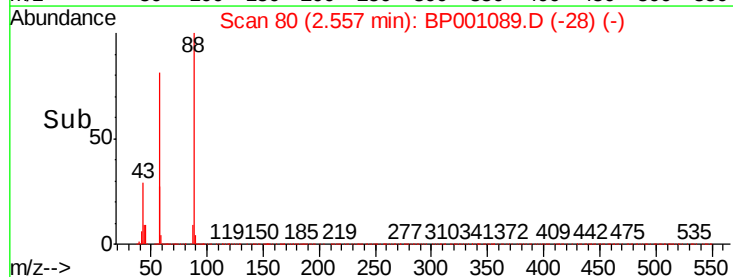
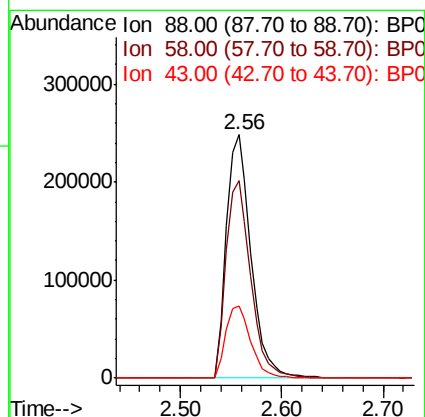
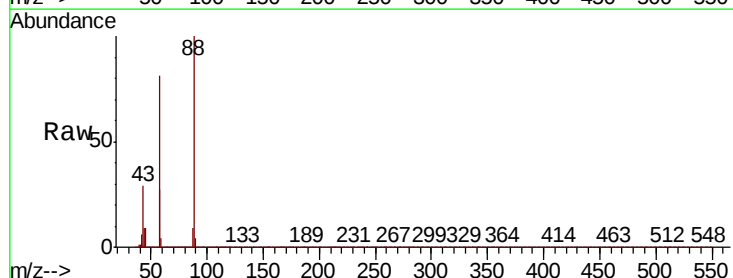
Delta R.T. 0.01 min

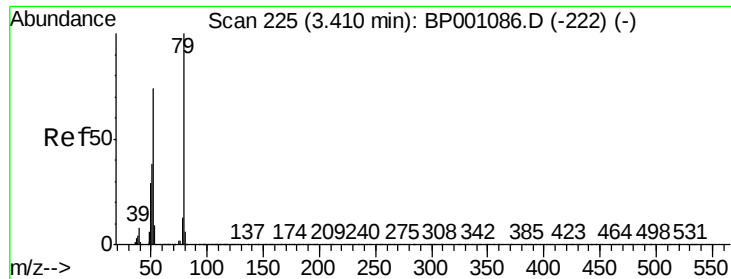
Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Tgt Ion: 88 Resp: 418929

Ion	Ratio	Lower	Upper
88	100		
58	81.4	64.3	96.5
43	30.3	23.8	35.6

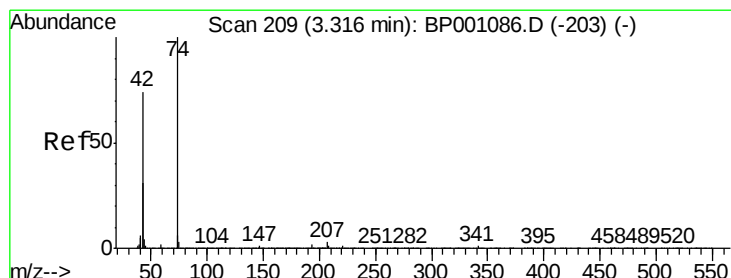
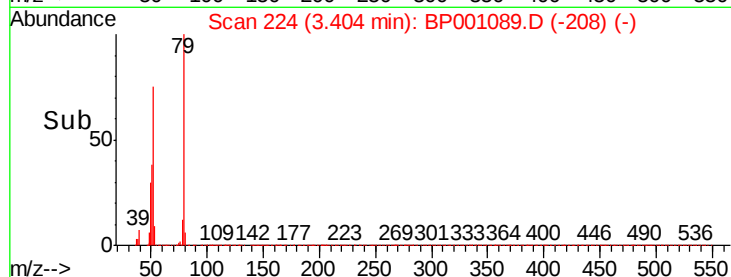
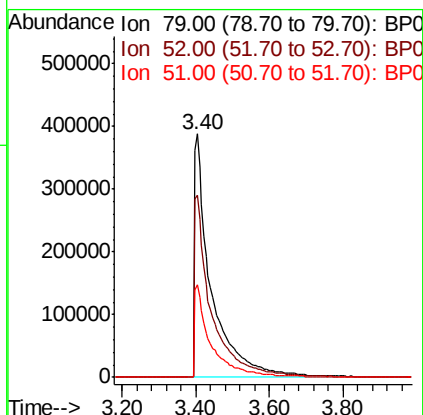
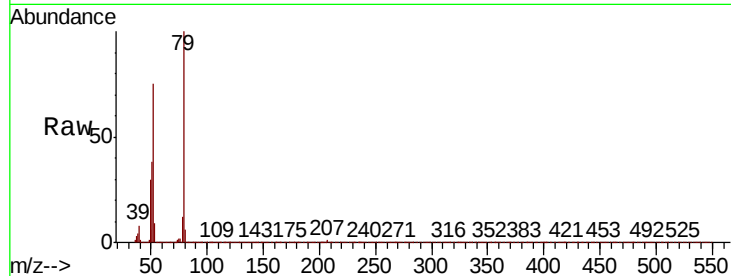




#3
 Pvridine
 Concen: 96.722 ng
 RT: 3.40 min Scan# 224
 Delta R.T. -0.01 min
 Lab File: BP001089.D
 Acq: 27 Nov 2019 16:28

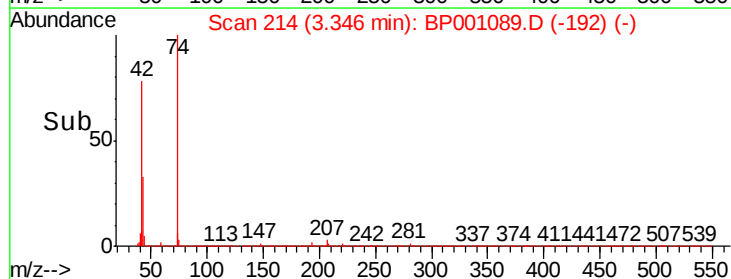
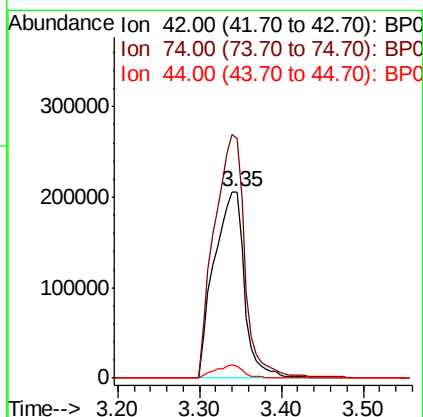
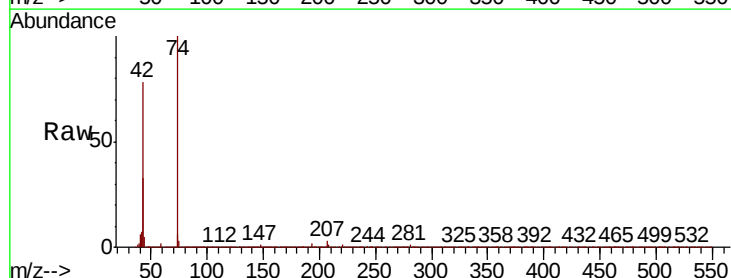
Instrument :
 BNA_P
 ClientSampled :

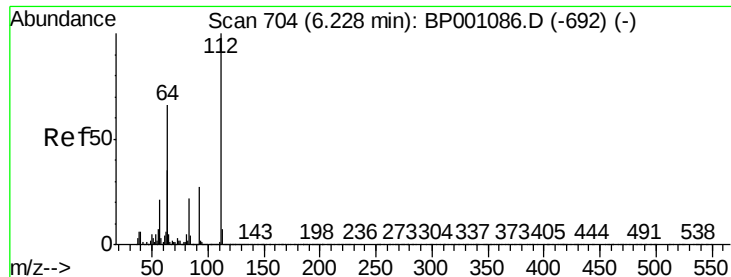
Tot Ion: 79 Resp: 1222542
 Ion Ratio Lower Upper
 79 100
 52 74.9 59.4 89.2
 51 37.9 30.2 45.4



#4
 n-Nitrosodimethylamine
 Concen: 120.534 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.03 min
 Lab File: BP001089.D
 Acq: 27 Nov 2019 16:28

Tgt Ion: 42 Resp: 530982
 Ion Ratio Lower Upper
 42 100
 74 128.8 108.6 163.0
 44 6.2 5.1 7.7





#5

2-Fluorophenol

Concen: 160.604 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

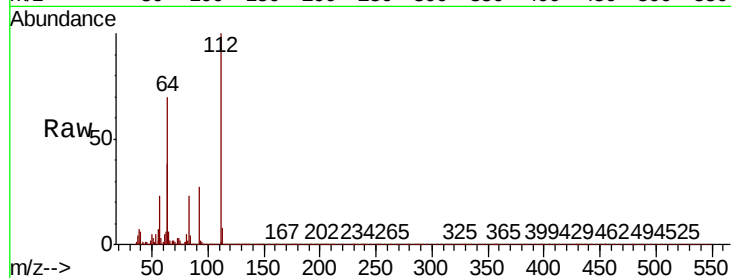
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 112 Resp: 1765914

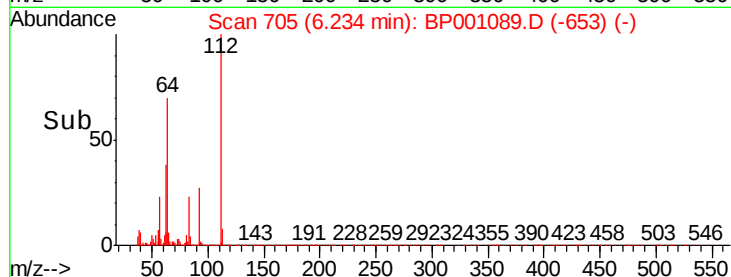
Ion	Ratio	Lower	Upper
112	100		
64	69.6	52.8	79.2
63	38.0	28.2	42.2



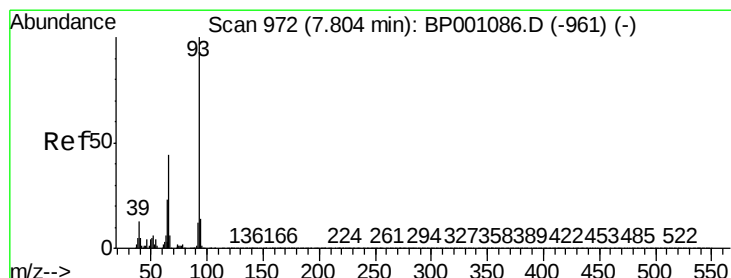
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



Time-->



#6

Aniline

Concen: 86.311 ng

RT: 7.82 min Scan# 974

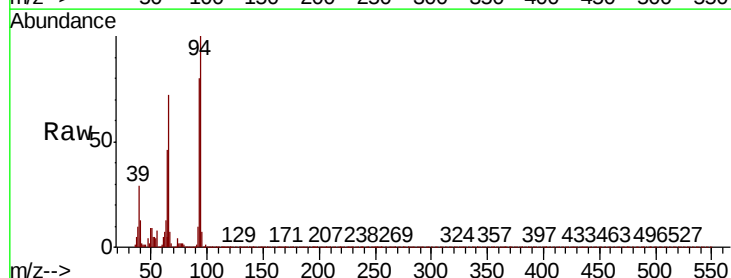
Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Tgt Ion: 93 Resp: 1567346

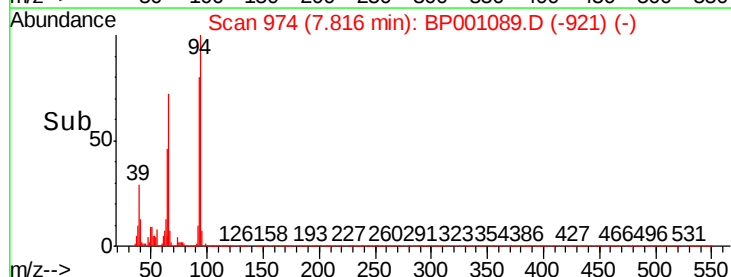
Ion	Ratio	Lower	Upper
93	100		
66	89.9	34.9	52.3#
65	57.3	18.5	27.7#



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



Time-->



#7

Phenol-d6

Concen: 172.081 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.02 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

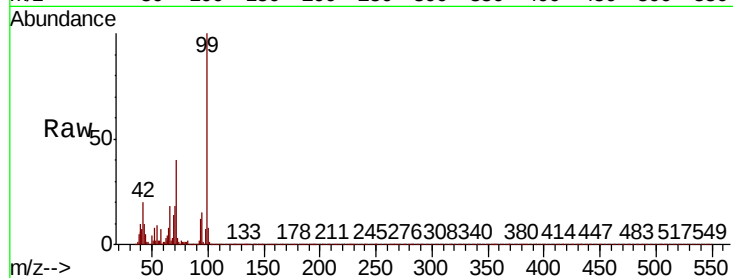
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2392677

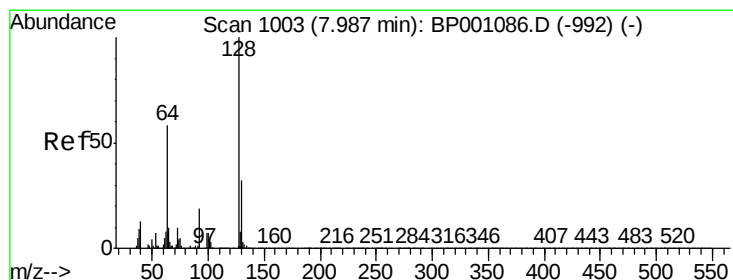
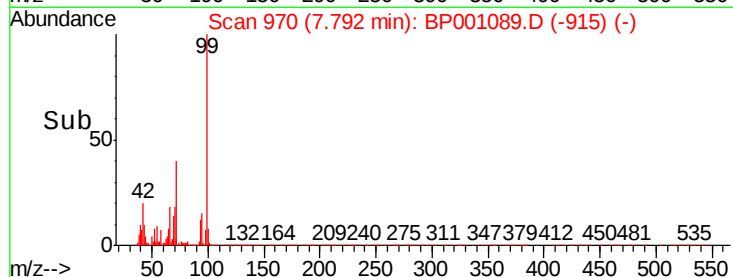
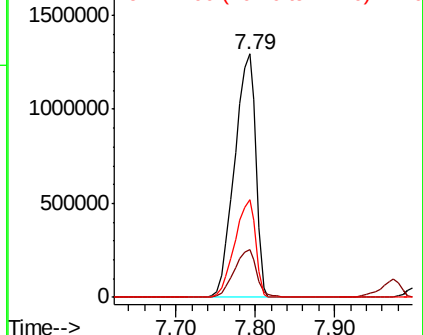
Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.4	23.0
71	40.2	30.8	46.2



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: 79.427 ng

RT: 8.00 min Scan# 1005

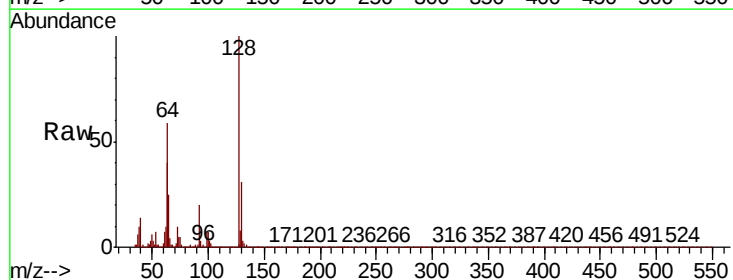
Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Tgt Ion: 128 Resp: 926106

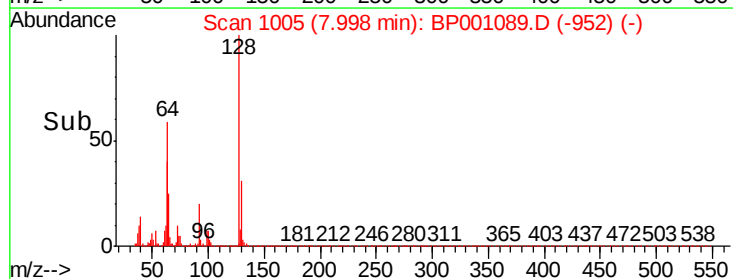
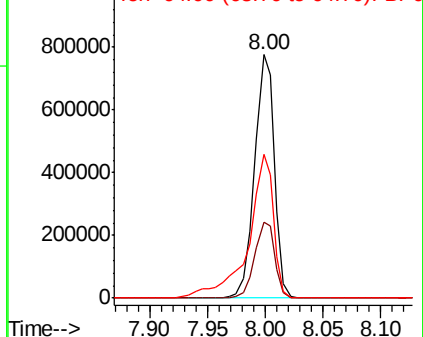
Ion	Ratio	Lower	Upper
128	100		
130	31.4	11.7	51.7
64	59.1	39.7	79.7

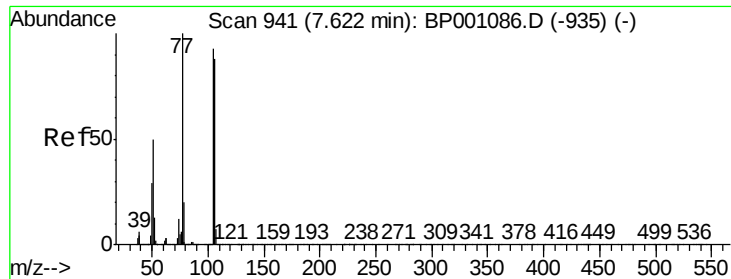


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 66.062 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Instrument :

BNA_P

ClientSampled :

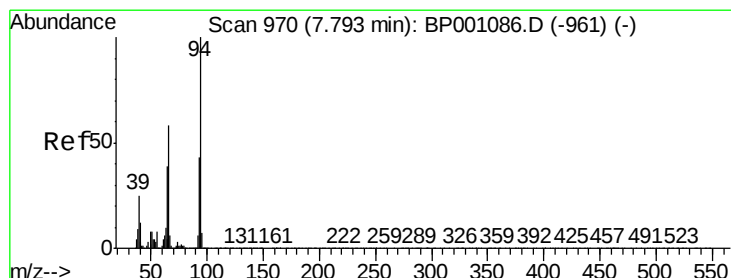
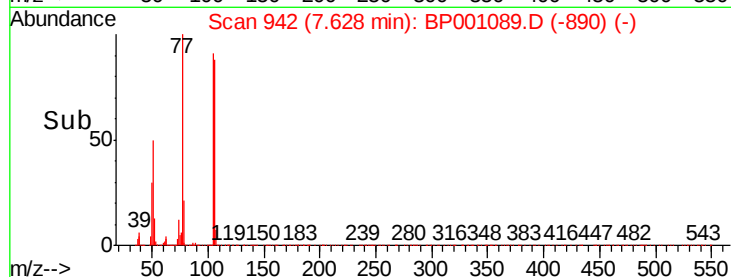
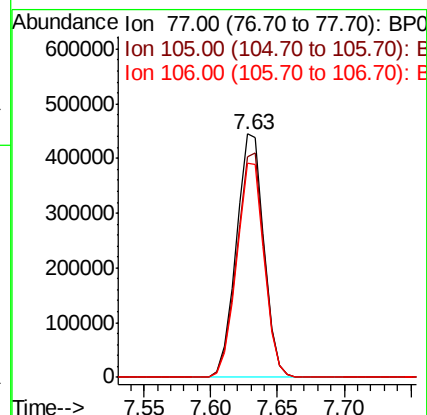
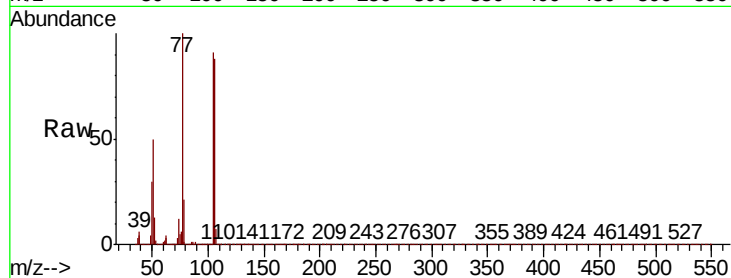
Tot Ion: 77 Resp: 640897

Ion Ratio Lower Upper

77 100

105 90.7 72.5 112.5

106 87.9 67.6 107.6



#10

Phenol

Concen: 88.171 ng

RT: 7.81 min Scan# 973

Delta R.T. 0.02 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

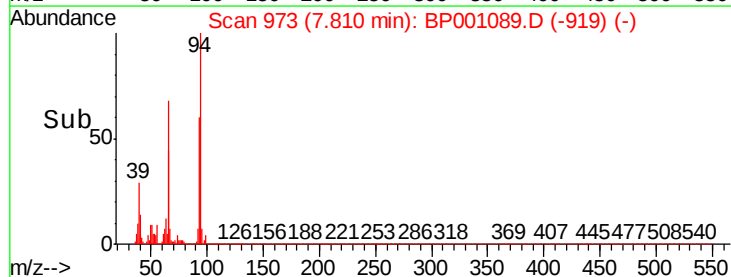
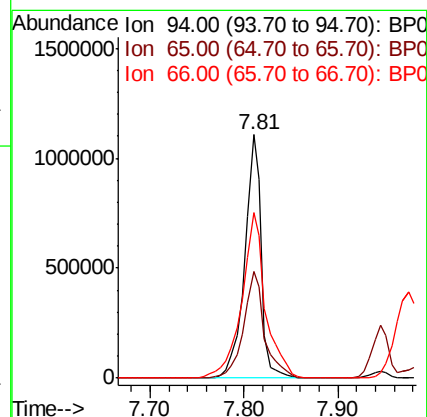
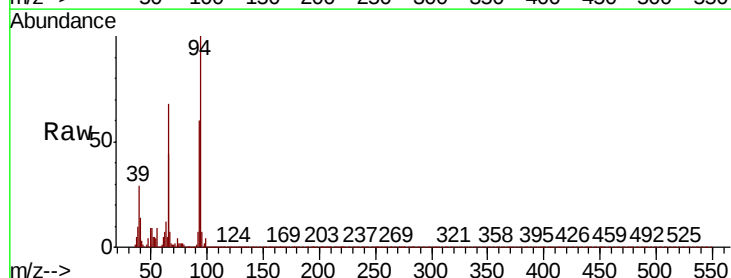
Tgt Ion: 94 Resp: 1340935

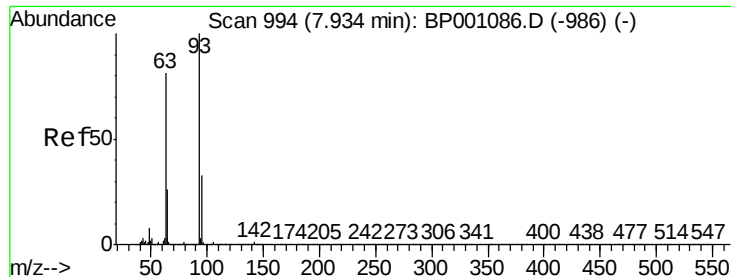
Ion Ratio Lower Upper

94 100

65 43.7 18.6 58.6

66 67.9 37.6 77.6

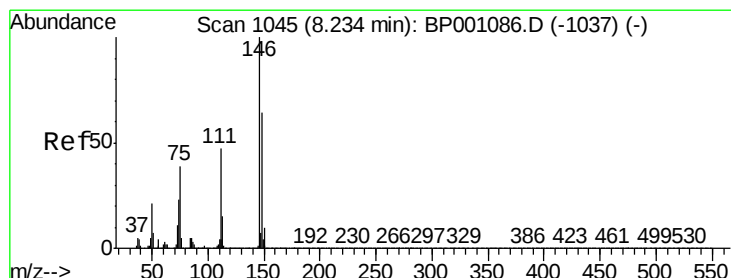
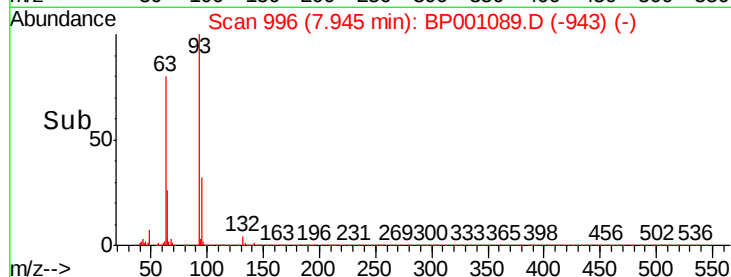
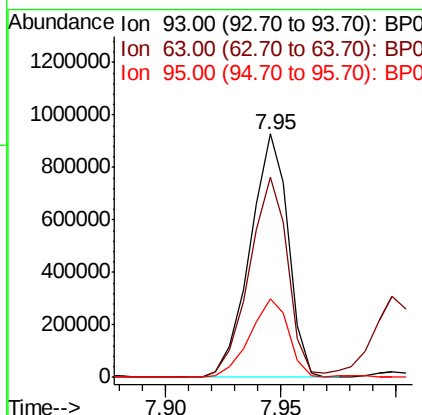
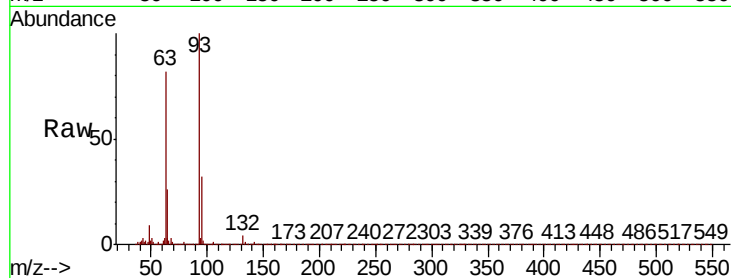




#11
bis(2-Chloroethyl)ether
Concen: 90.019 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

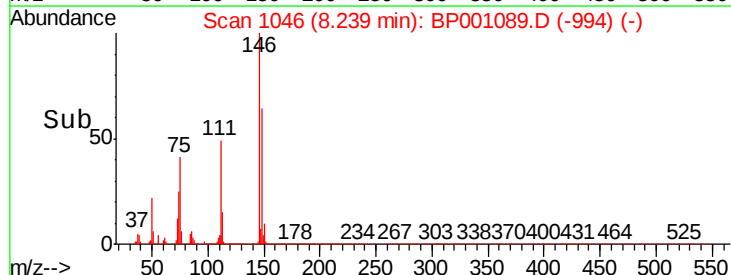
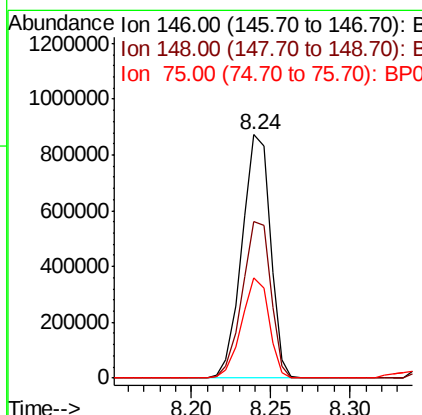
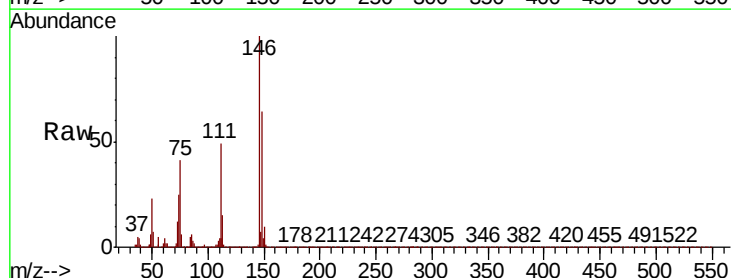
Instrument :
BNA_P
ClientSampleId :

Tot Ion: 93 Resp: 1065763
Ion Ratio Lower Upper
93 100
63 82.0 60.7 100.7
95 32.0 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 74.072 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion: 146 Resp: 1083548
Ion Ratio Lower Upper
146 100
148 64.1 51.1 76.7
75 41.0 31.3 46.9

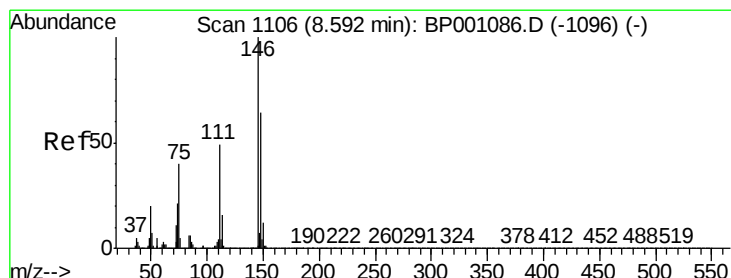
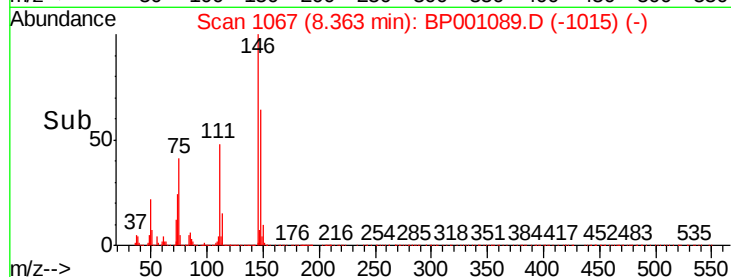
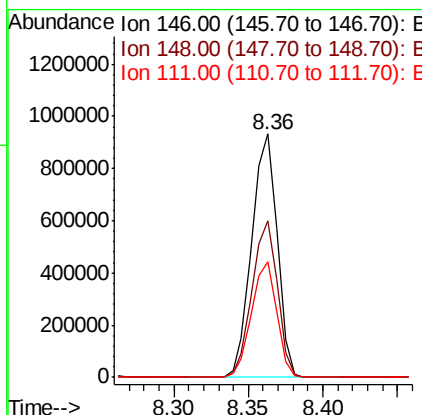
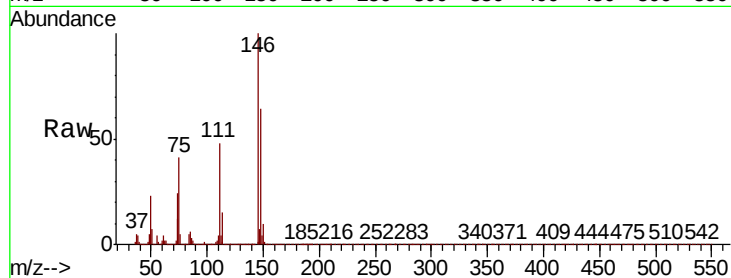




#13
 1,4-Dichlorobenzene
 Concen: 74.044 ng
 RT: 8.36 min Scan# 1067
 Delta R.T. 0.01 min
 Lab File: BP001089.D
 Acq: 27 Nov 2019 16:28

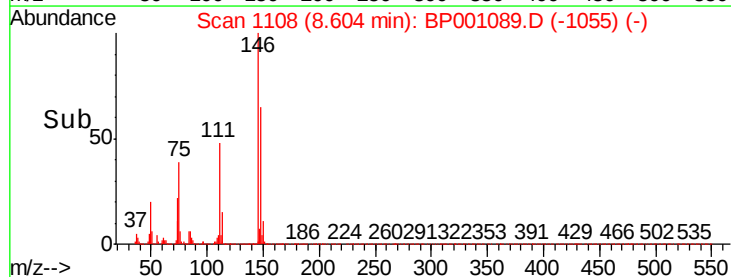
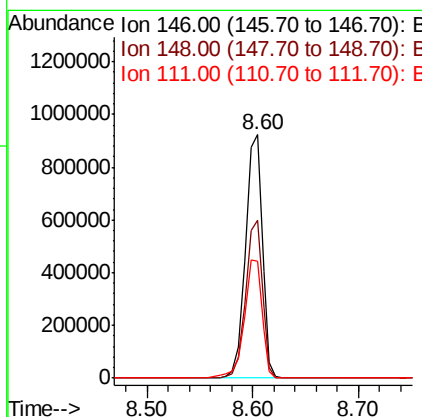
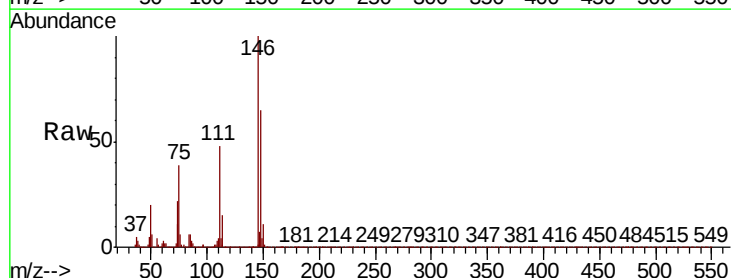
Instrument :
 BNA_P
 ClientSampled :

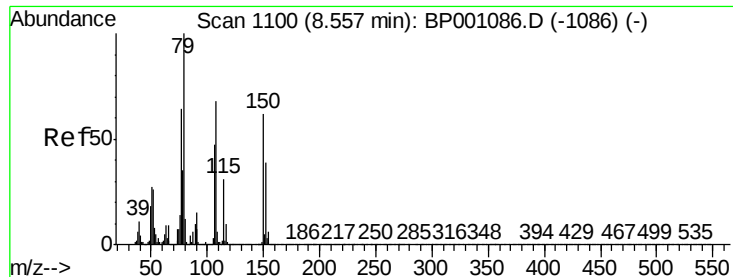
Tot Ion:146 Resp: 1091018
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.6 77.4
 111 47.6 37.0 55.6



#14
 1,2-Dichlorobenzene
 Concen: 74.053 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: BP001089.D
 Acq: 27 Nov 2019 16:28

Tgt Ion:146 Resp: 1009064
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.5 77.3
 111 48.3 39.3 58.9

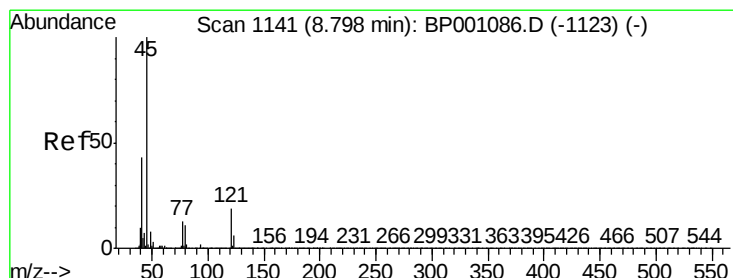
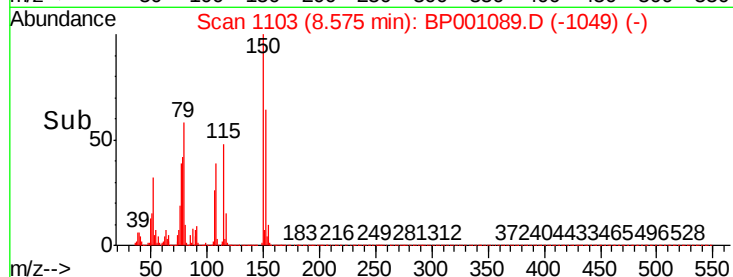
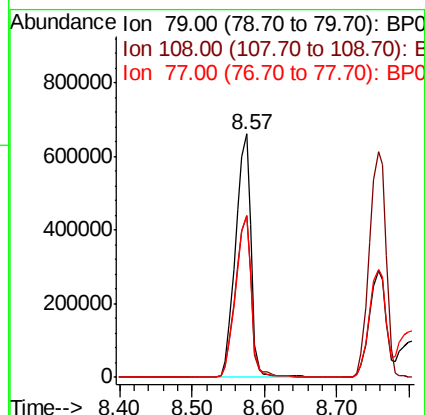
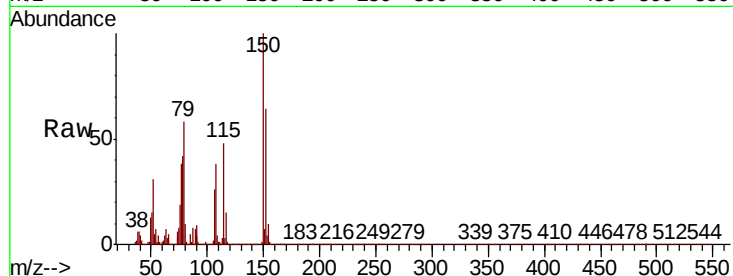




#15
Benzyl Alcohol
Concen: 93.240 ng
RT: 8.57 min Scan# 1103
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

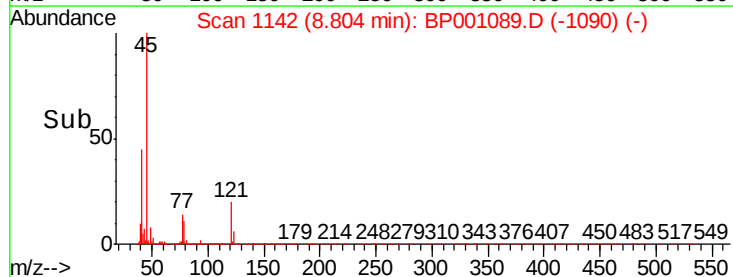
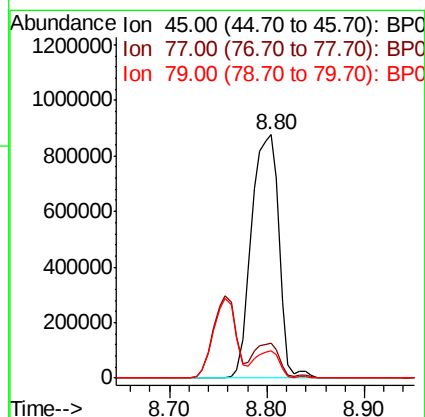
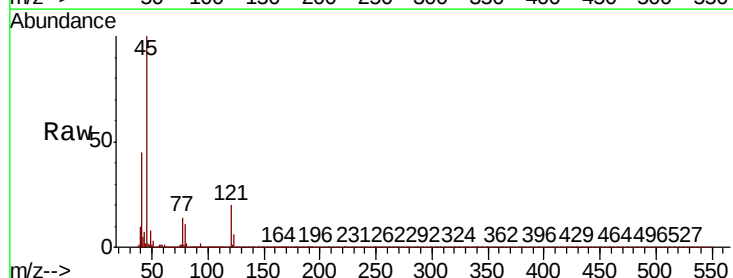
Instrument :
BNA_P
ClientSampled :

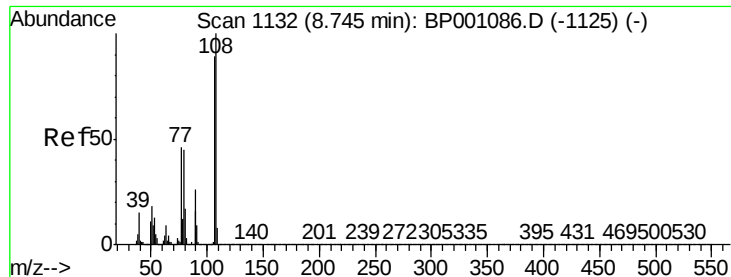
Tot Ion: 79 Resp: 987938
Ion Ratio Lower Upper
79 100
108 66.5 54.8 82.2
77 66.3 51.4 77.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 140.333 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion: 45 Resp: 1735143
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.3
79 11.3 0.0 30.9





#17

2-Methylphenol

Concen: 87.519 ng

RT: 8.76 min Scan# 1134

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Instrument :

BNA_P

ClientSampleId :

Tot Ion:107 Resp: 866386

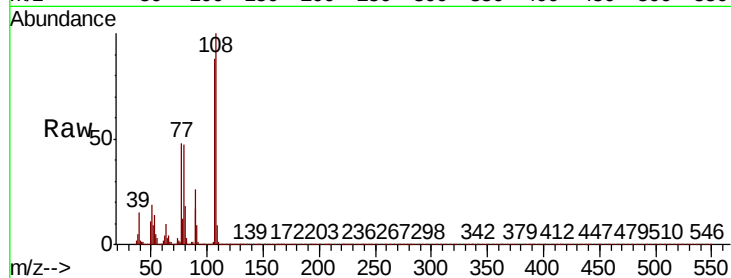
Ion Ratio Lower Upper

107 100

108 114.0 89.8 134.6

77 54.7 41.4 62.2

79 53.7 40.6 61.0

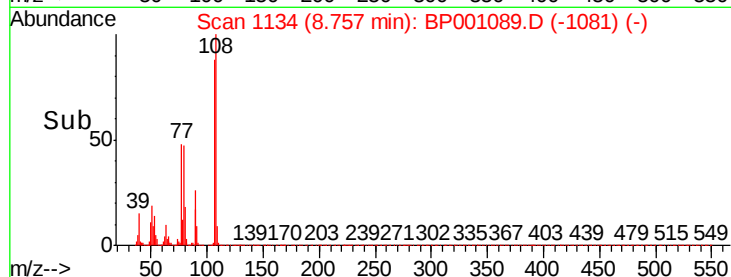


Abundance Ion 107.00 (106.70 to 107.70): E

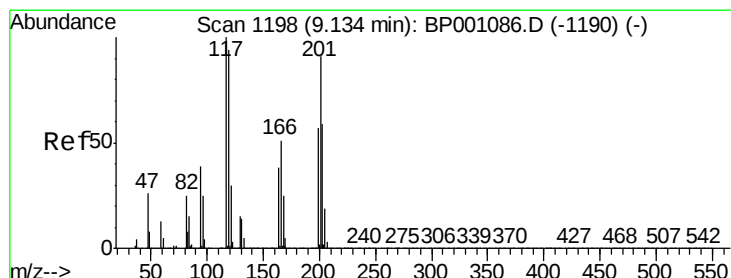
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



Time-->



#18

Hexachloroethane

Concen: 85.433 ng

RT: 9.14 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

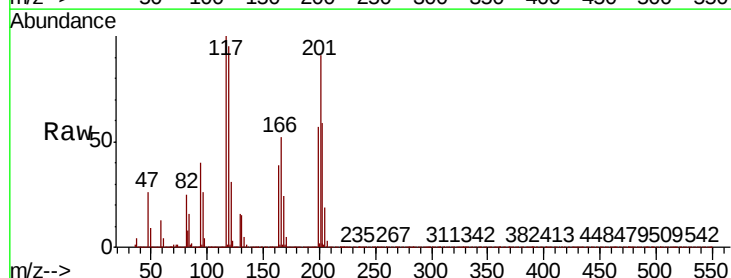
Tgt Ion:117 Resp: 462382

Ion Ratio Lower Upper

117 100

119 94.8 75.2 112.8

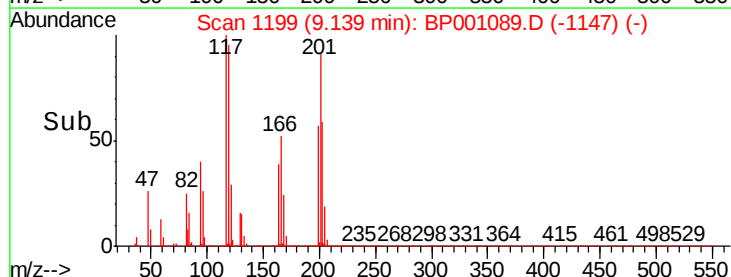
201 91.1 72.5 108.7



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



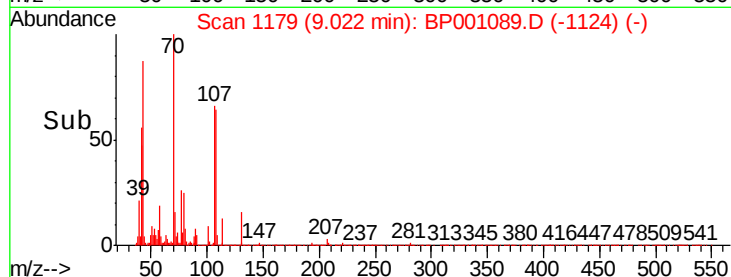
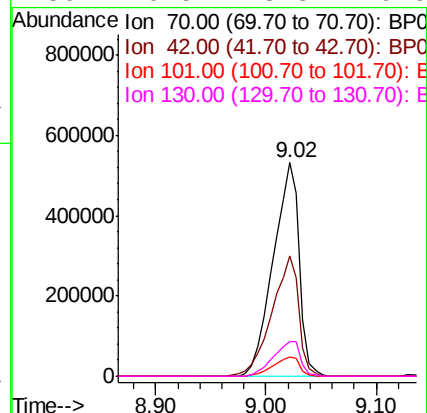
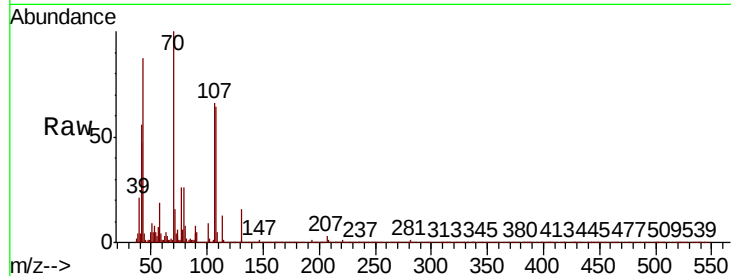
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 104.634 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

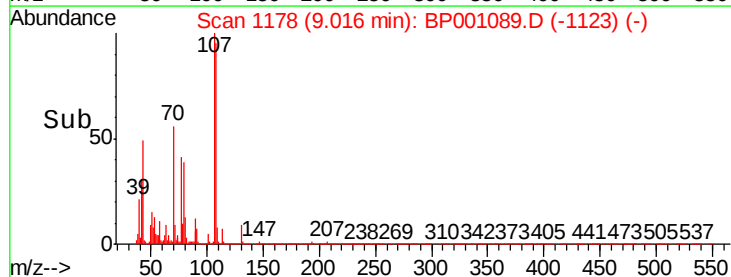
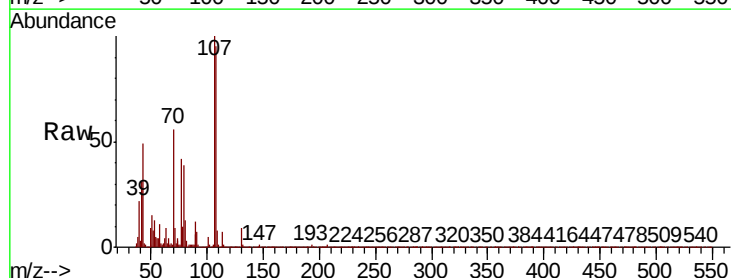
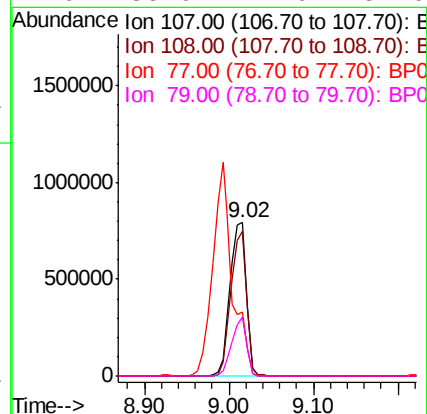
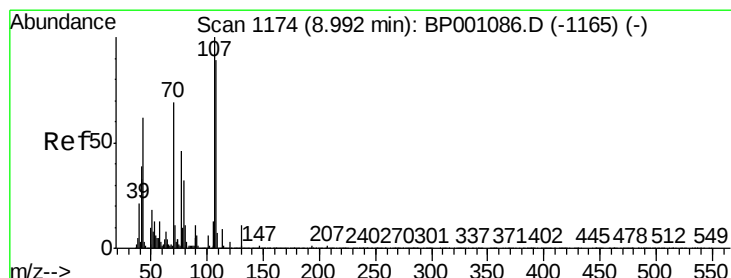
Instrument :
BNA_P
ClientSampleId :

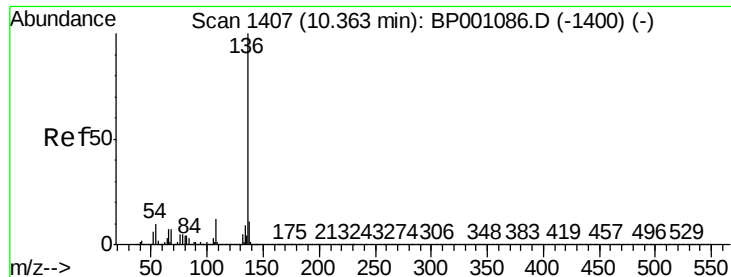
Tot Ion:	70	Resp:	873594
Ion	Ratio	Lower	Upper
70	100		
42	56.1	44.6	66.8
101	9.3	7.1	10.7
130	16.5	13.8	20.6



#20
3+4-Methylphenols
Concen: 85.829 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion:	107	Resp:	1054089
Ion	Ratio	Lower	Upper
107	100		
108	94.6	68.9	108.9
77	41.6	25.9	65.9
79	38.9	11.9	51.9

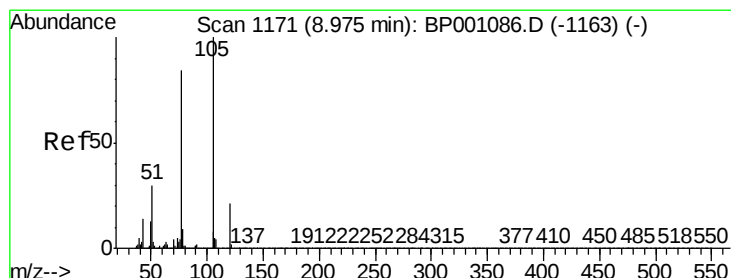
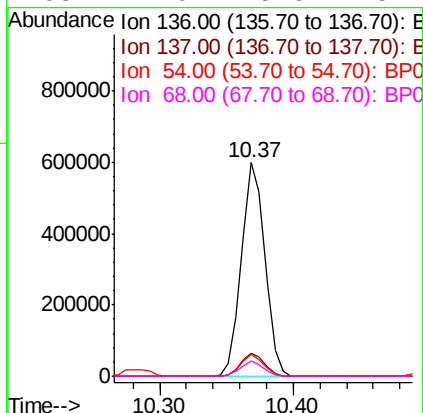
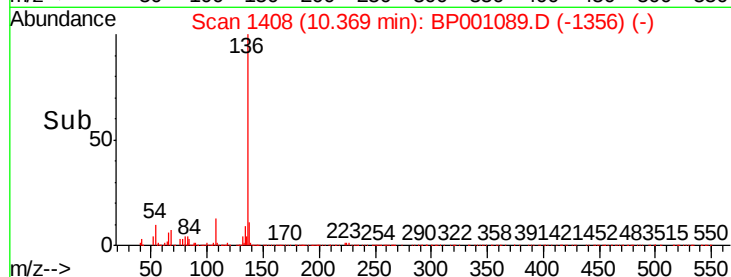
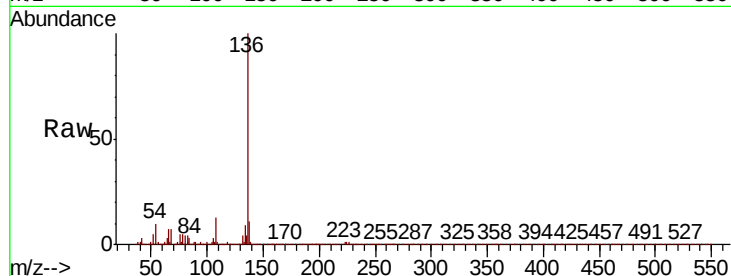




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

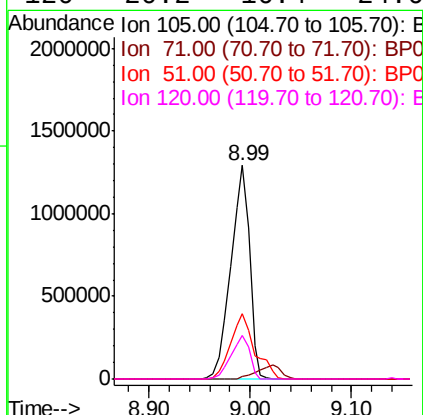
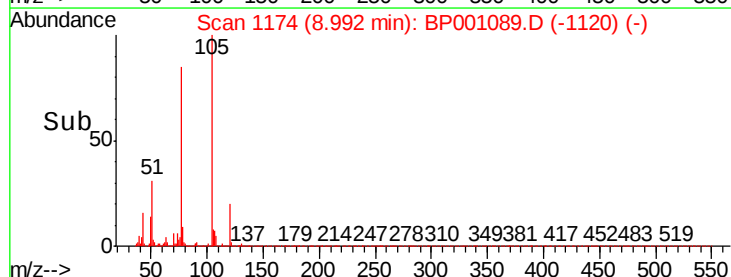
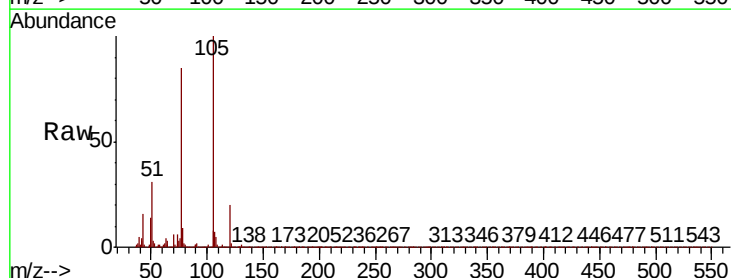
Instrument :
BNA_P
ClientSampleId :

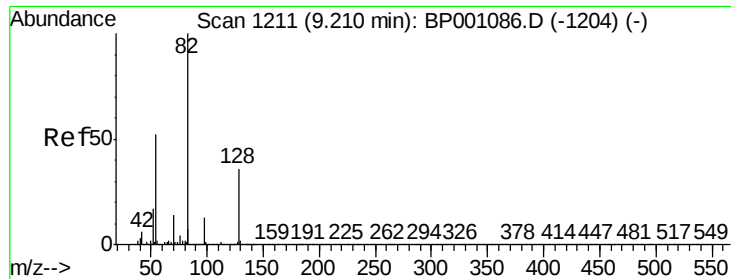
Tot Ion:136	Resp:	728573	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.8	13.2	
54 10.2	7.9	11.9	
68 7.0	5.6	8.4	



#22
Acetophenone
Concen: 88.355 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt	Ion:105	Resp:	1662490
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.5	0.7#
51	30.7	24.2	36.4
120	20.2	16.4	24.6

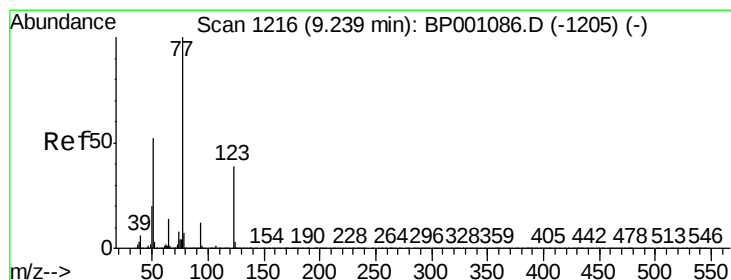
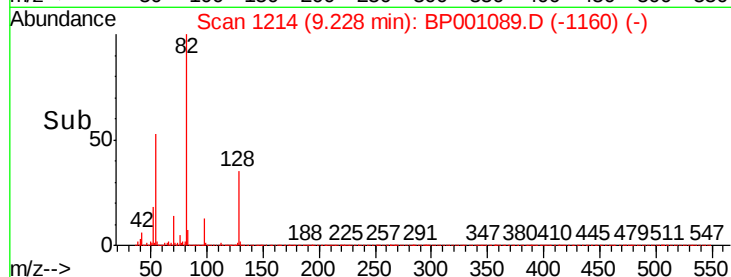
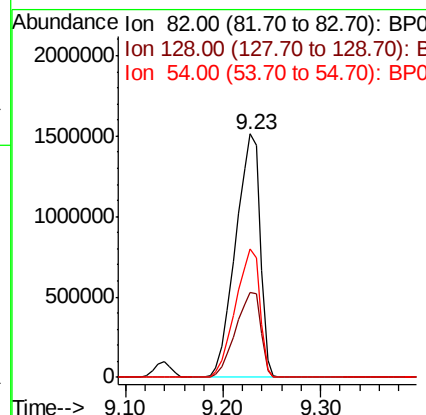
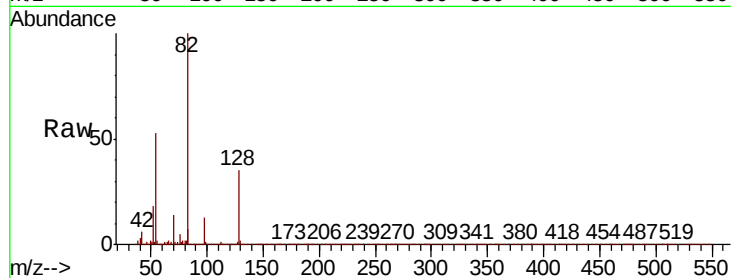




#23
Nitrobenzene-d5
Concen: 199.847 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

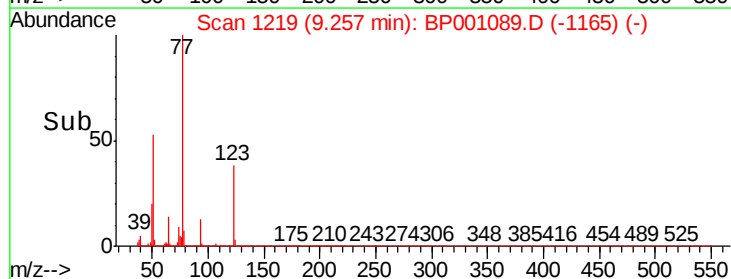
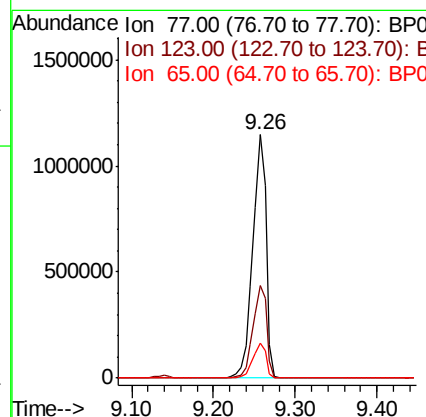
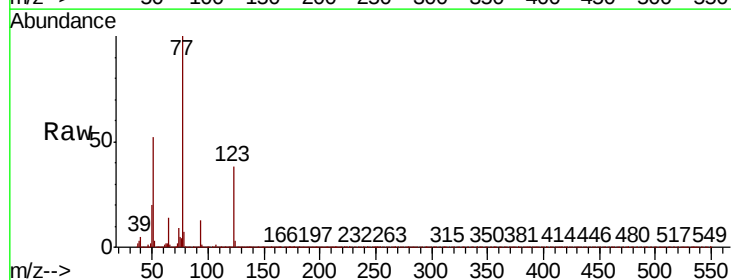
Instrument :
BNA_P
ClientSampleId :

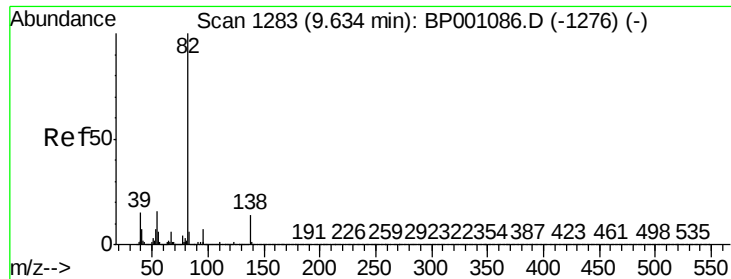
Tot Ion: 82 Resp: 2632177
Ion Ratio Lower Upper
82 100
128 34.9 28.9 43.3
54 52.8 41.9 62.9



#24
Nitrobenzene
Concen: 98.717 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion: 77 Resp: 1304648
Ion Ratio Lower Upper
77 100
123 38.1 31.0 46.4
65 14.5 11.0 16.6

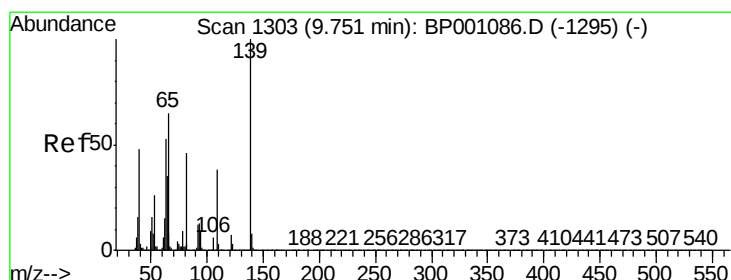
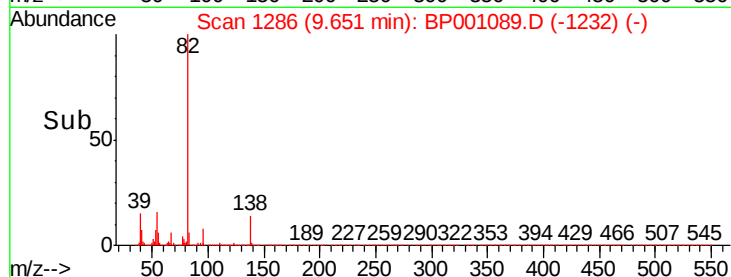
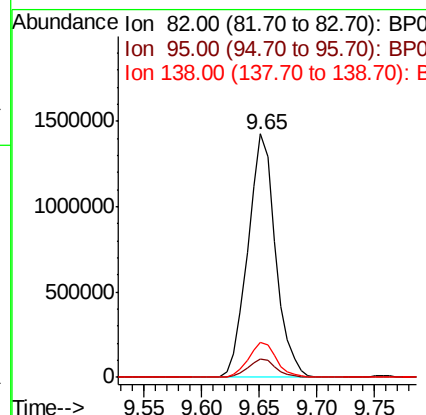
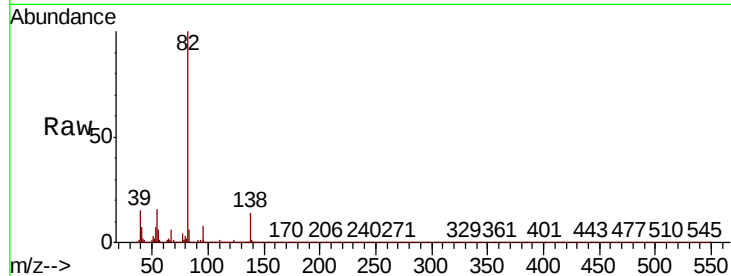




#25
Isophorone
Concen: 97.877 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

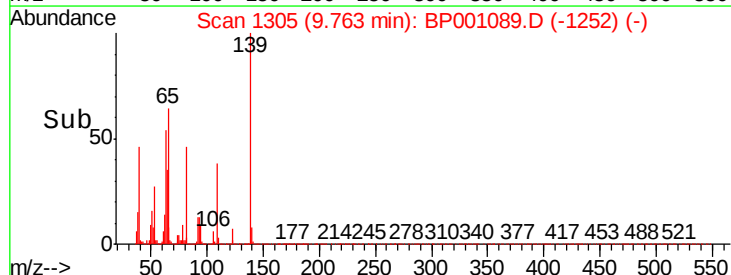
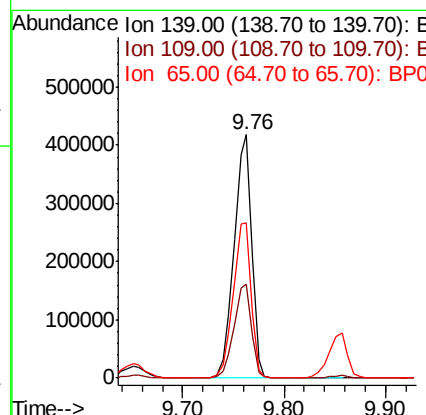
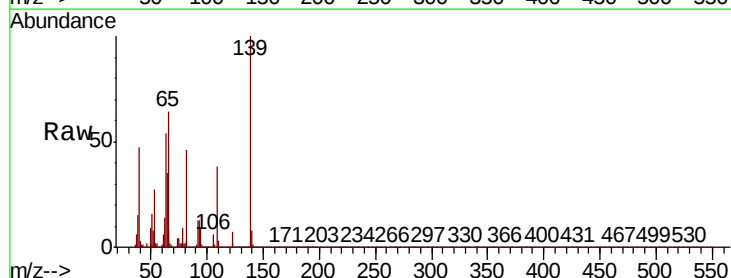
Instrument :
BNA_P
ClientSampleId :

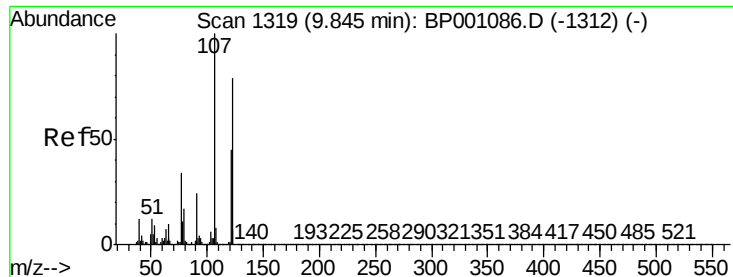
Tot Ion: 82 Resp: 2372797
Ion Ratio Lower Upper
82 100
95 7.5 5.7 8.5
138 14.4 11.3 16.9



#26
2-Nitrophenol
Concen: 102.186 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion:139 Resp: 504666
Ion Ratio Lower Upper
139 100
109 38.3 30.6 45.8
65 63.6 51.8 77.8

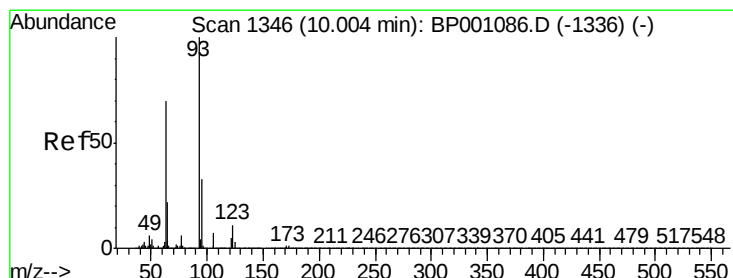
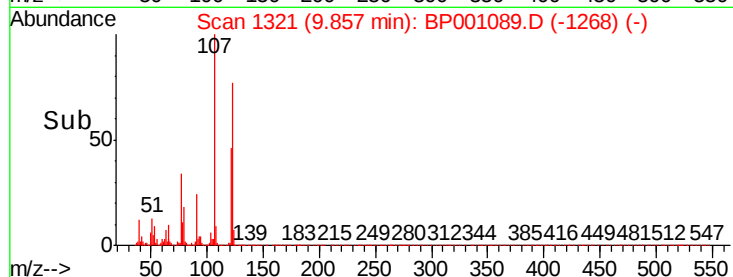
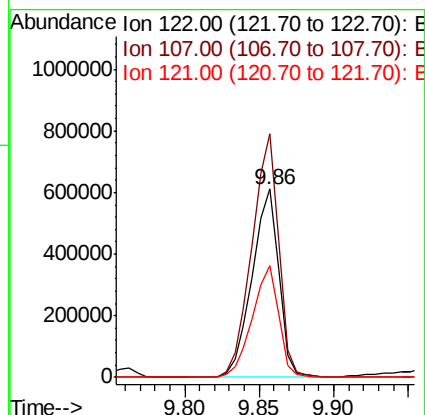
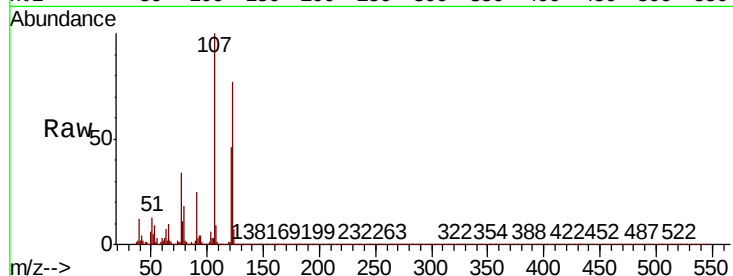




#27
2,4-Dimethylphenol
Concen: 81.743 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

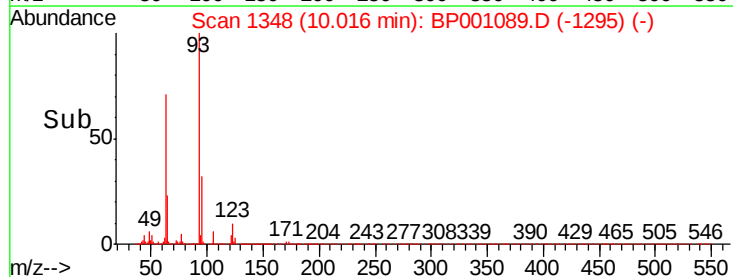
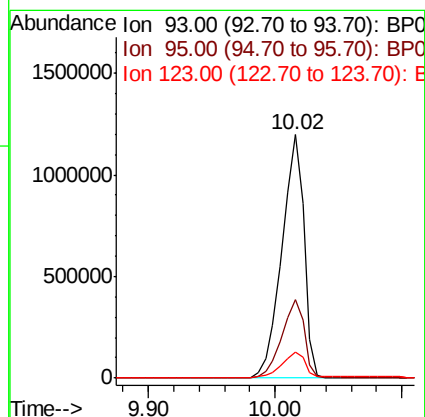
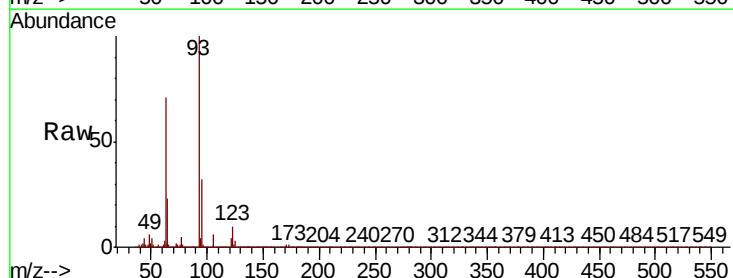
Instrument :
BNA_P
ClientSampled :

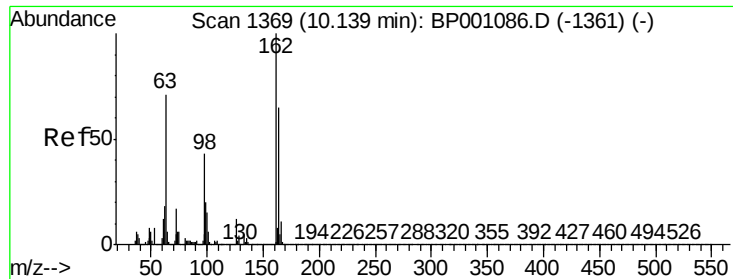
Tot Ion	Ratio	Lower	Upper
122	100		
107	129.4	101.9	152.9
121	59.1	46.1	69.1



#28
bis(2-Chloroethoxy)methane
Concen: 91.858 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.0	39.0
123	10.5	8.9	13.3

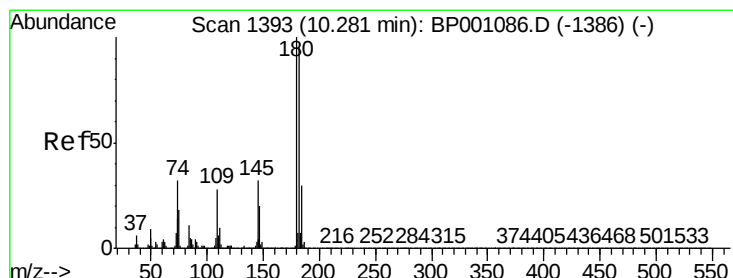
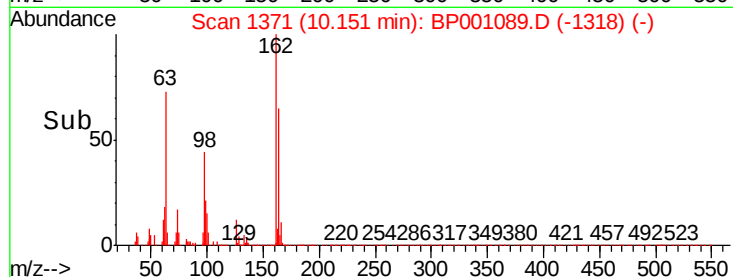
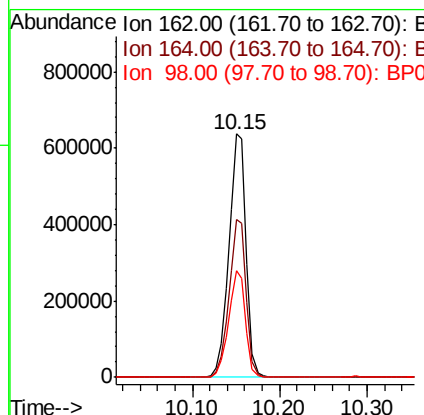
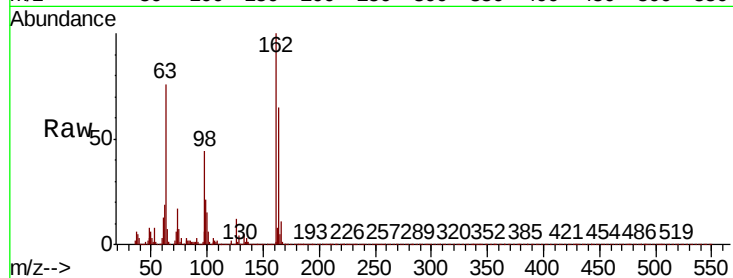




#29
2,4-Dichlorophenol
Concen: 76.970 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

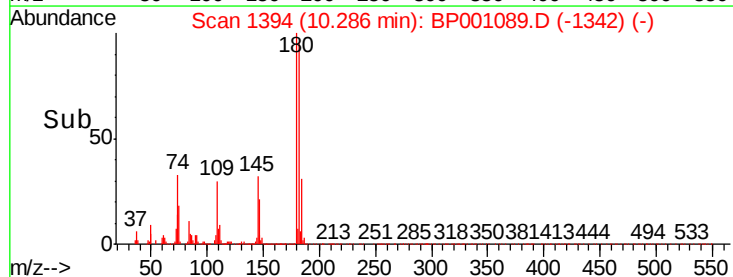
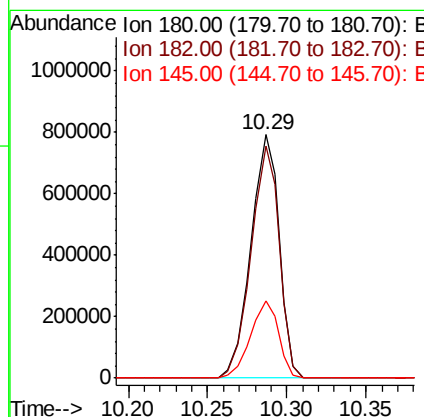
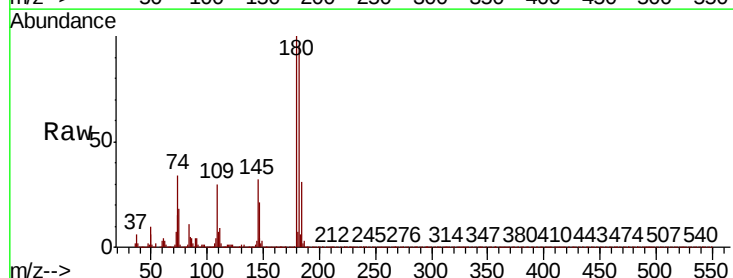
Instrument :
BNA_P
ClientSampleId :

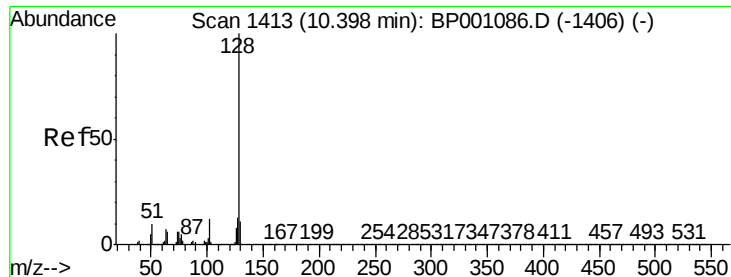
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	45.1	85.1
98	44.1	23.4	63.4



#30
1,2,4-Trichlorobenzene
Concen: 71.545 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.3	114.5
145	31.9	25.4	38.2

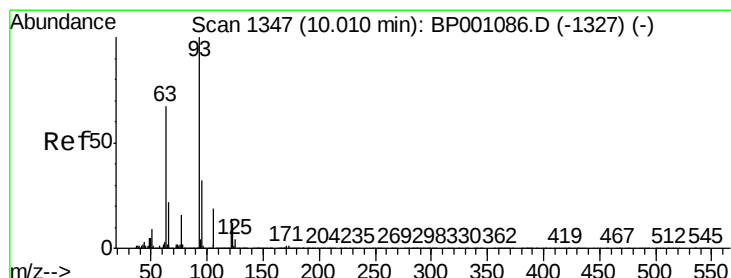
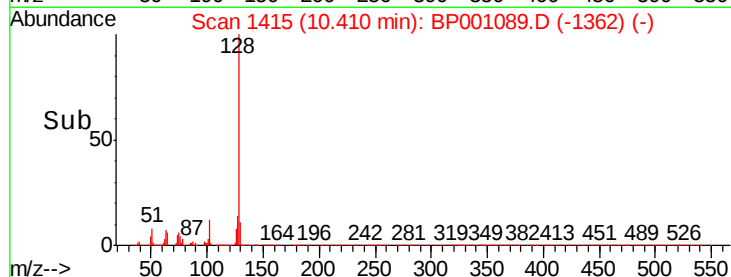
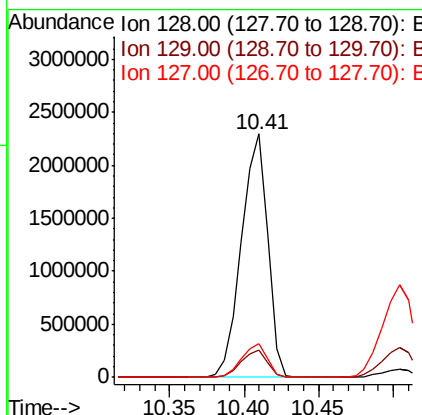
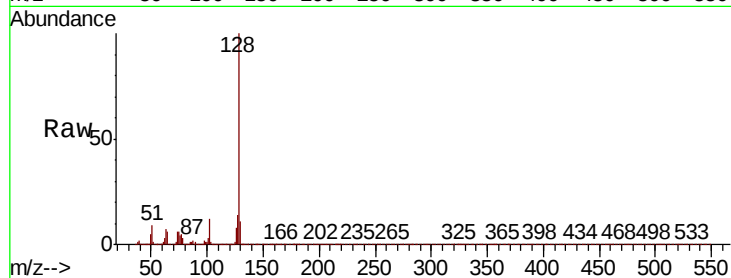




#31
Naphthalene
Concen: 76.922 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

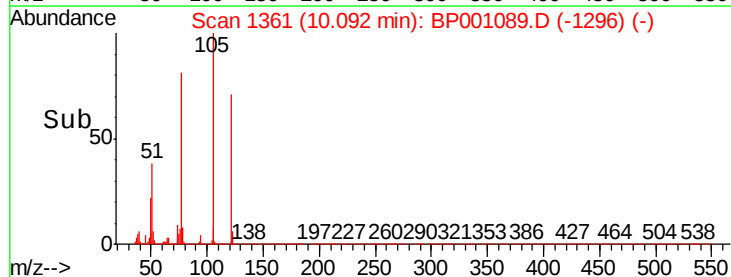
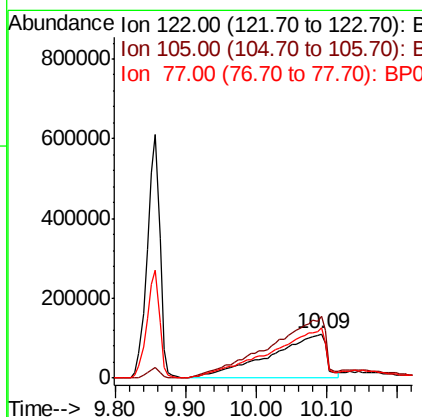
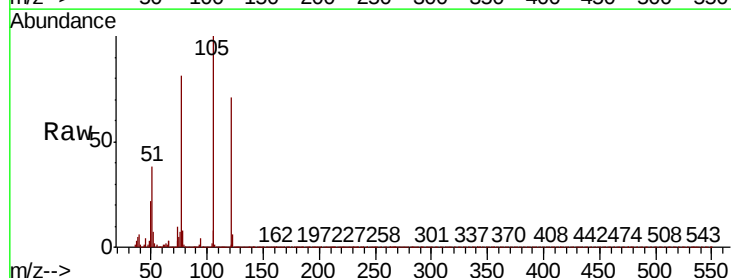
Instrument :
BNA_P
ClientSampleId :

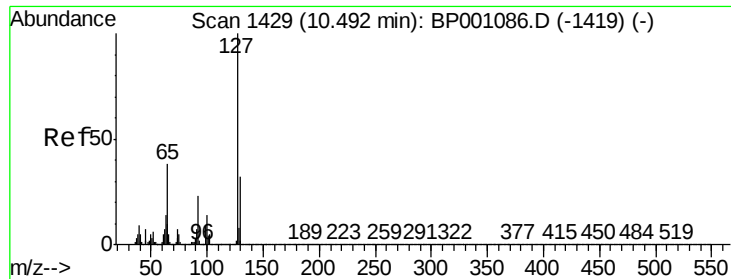
Tot Ion:128 Resp: 2800039
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.7 10.6 16.0



#32
Benzoic acid
Concen: 119.882 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.08 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion:122 Resp: 600156
Ion Ratio Lower Upper
122 100
105 140.1 116.8 156.8
77 113.1 95.0 135.0

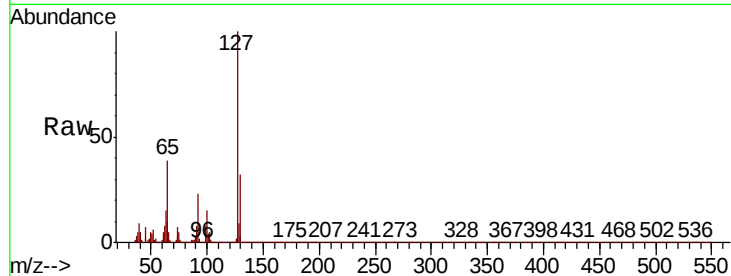




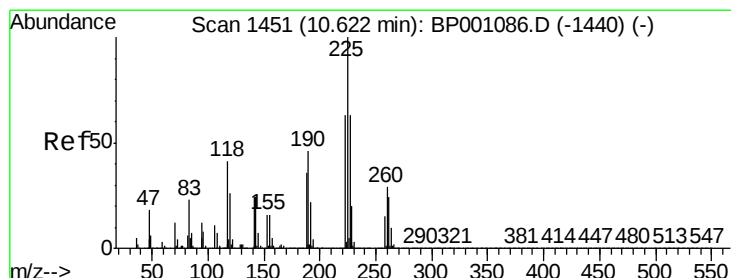
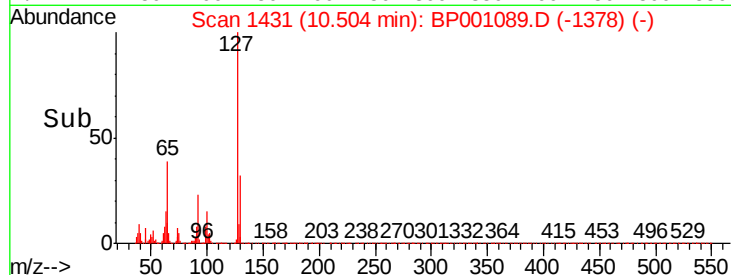
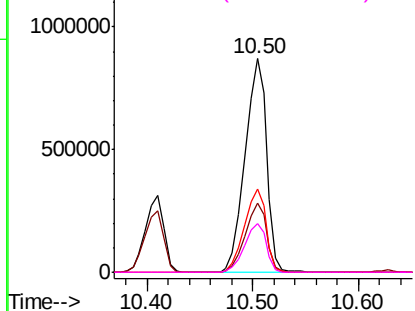
#33
4-Chloroaniline
Concen: 79.271 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Instrument :
BNA_P
ClientSampleId :

Tot Ion:127 Resp: 1237371
Ion Ratio Lower Upper
127 100
129 32.2 25.5 38.3
65 38.9 30.6 46.0
92 23.0 18.5 27.7

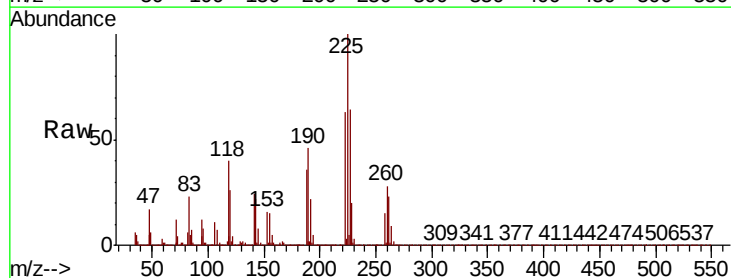


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

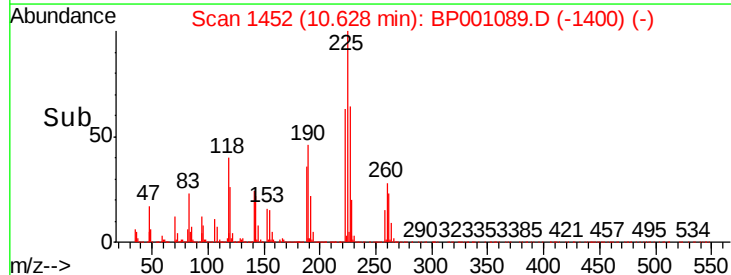
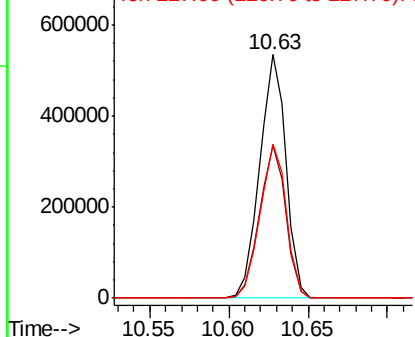


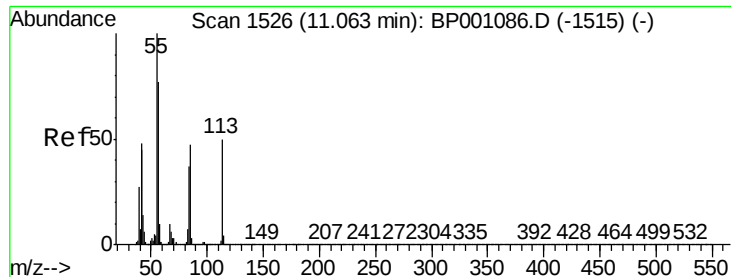
#34
Hexachlorobutadiene
Concen: 68.089 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion:225 Resp: 616900
Ion Ratio Lower Upper
225 100
223 62.7 50.0 75.0
227 63.5 50.0 75.0



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

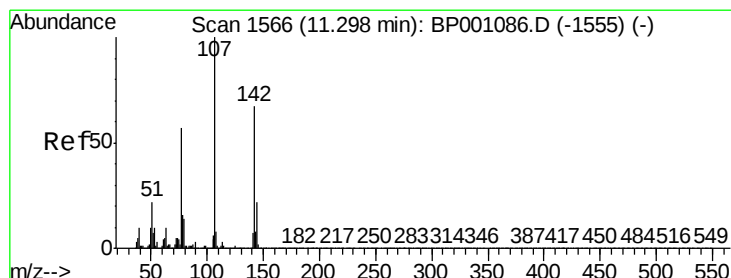
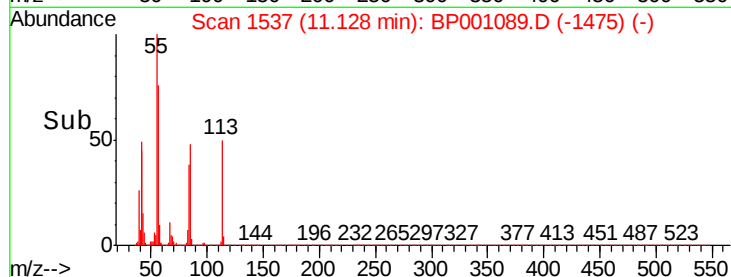
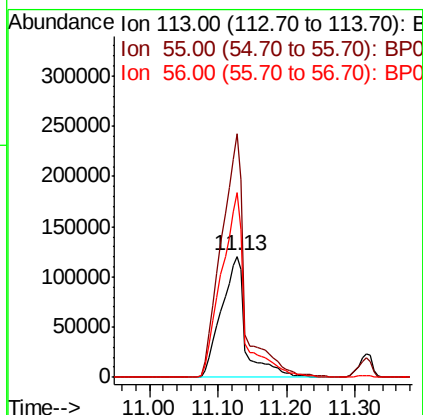
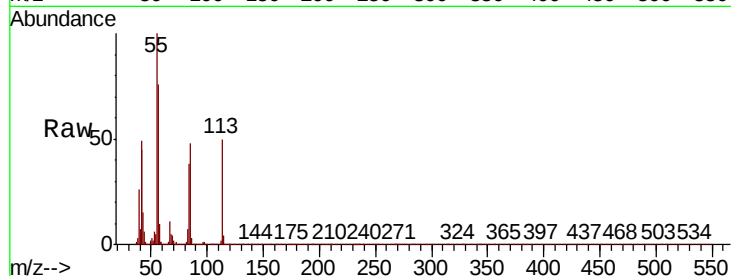




#35
 Caprolactam
 Concen: 85.307 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. 0.06 min
 Lab File: BP001089.D
 Acq: 27 Nov 2019 16:28

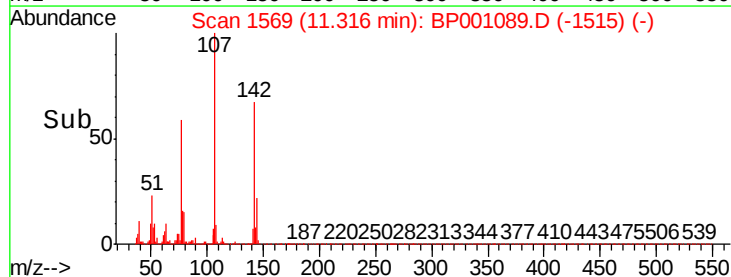
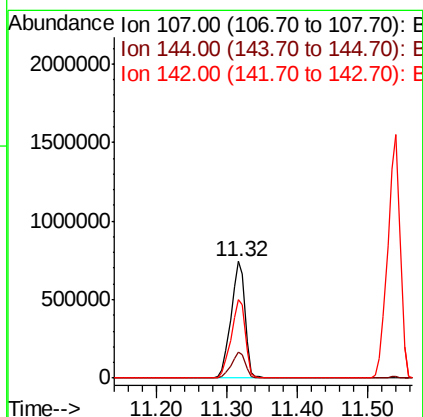
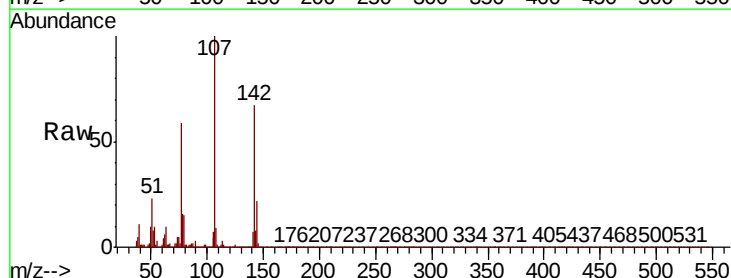
Instrument :
 BNA_P
 ClientSampleId :

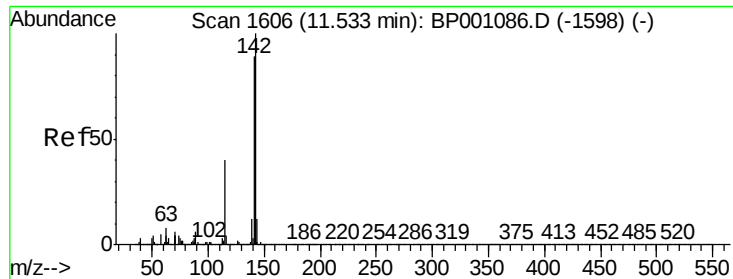
Tot Ion:113 Resp: 300559
 Ion Ratio Lower Upper
 113 100
 55 200.6 181.2 221.2
 56 152.6 134.7 174.7



#36
 4-Chloro-3-methylphenol
 Concen: 89.028 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.02 min
 Lab File: BP001089.D
 Acq: 27 Nov 2019 16:28

Tgt Ion:107 Resp: 1031950
 Ion Ratio Lower Upper
 107 100
 144 21.8 17.5 26.3
 142 67.5 53.3 79.9

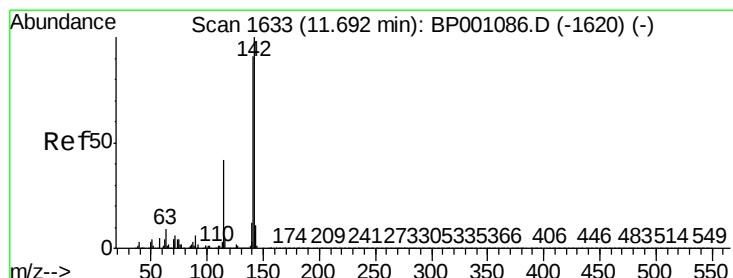
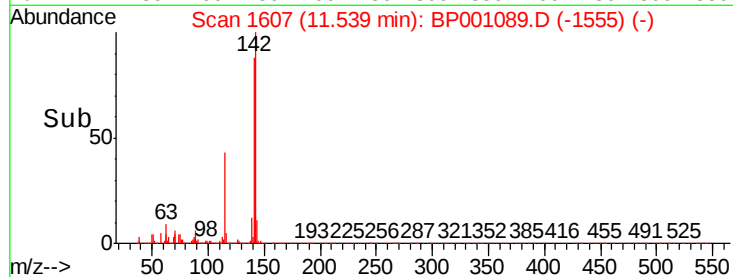
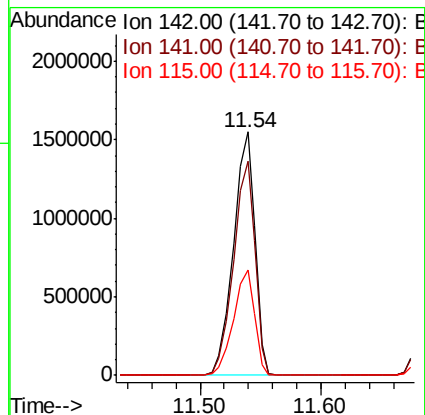
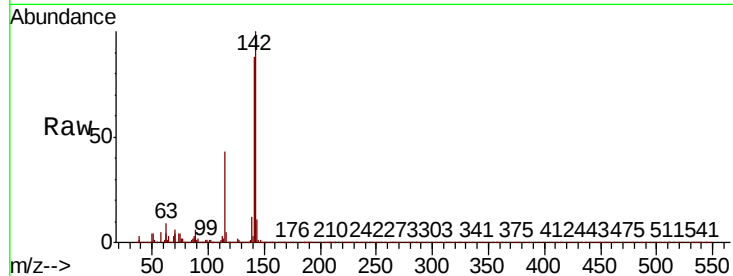




#37
2-Methylnaphthalene
Concen: 75.283 ng
RT: 11.54 min Scan# 1607
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

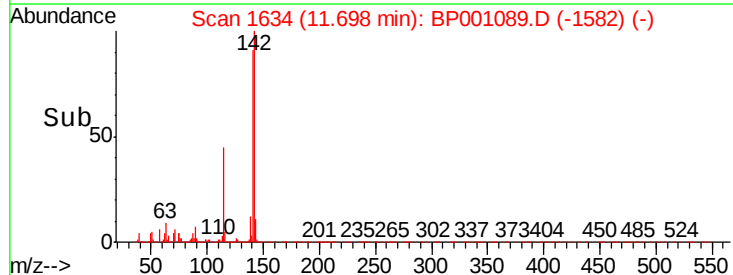
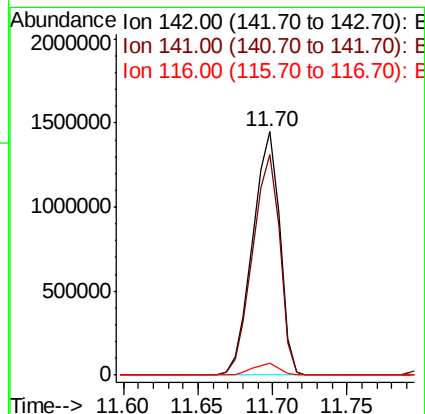
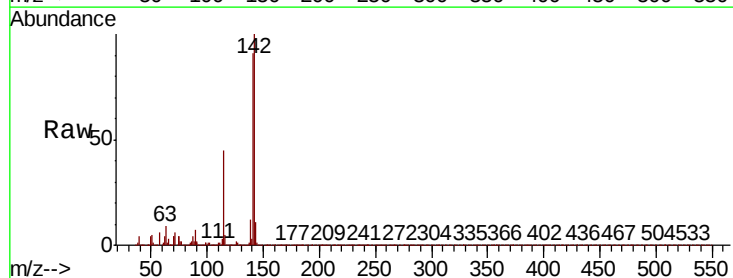
Instrument :
BNA_P
ClientSampleId :

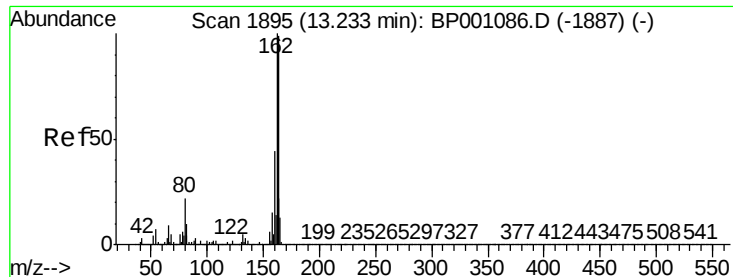
Tot Ion:142 Resp: 1918057
Ion Ratio Lower Upper
142 100
141 88.0 71.1 106.7
115 43.1 32.3 48.5



#38
1-Methylnaphthalene
Concen: 75.132 ng
RT: 11.70 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion:142 Resp: 1808722
Ion Ratio Lower Upper
142 100
141 90.8 73.0 109.4
116 4.8 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.23 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Instrument :

BNA_P

ClientSampleId :

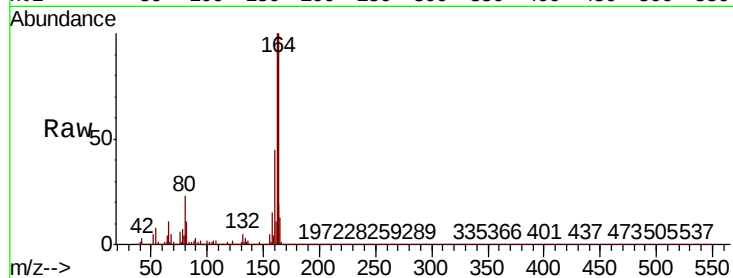
Tot Ion:164 Resp: 403272

Ion Ratio Lower Upper

164 100

162 100.4 80.6 120.8

160 45.2 35.4 53.2

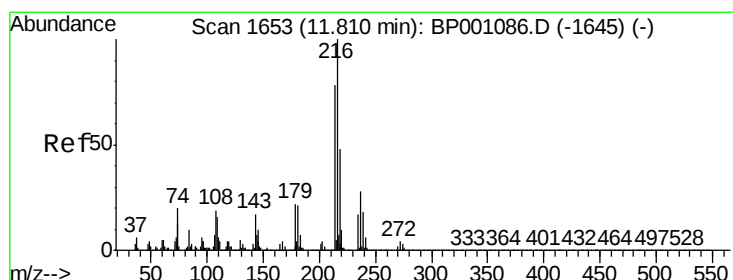
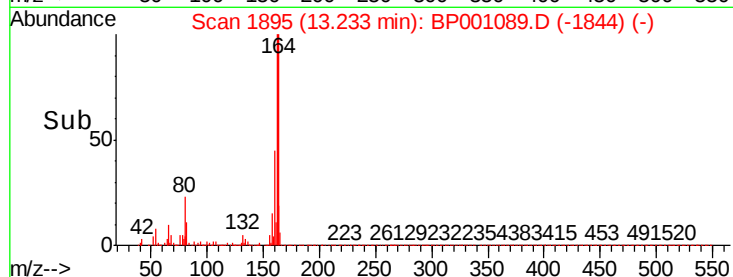
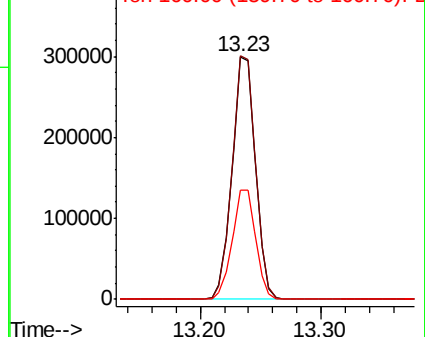


Abundance

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: 71.136 ng

RT: 11.82 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Tgt Ion:216 Resp: 955214

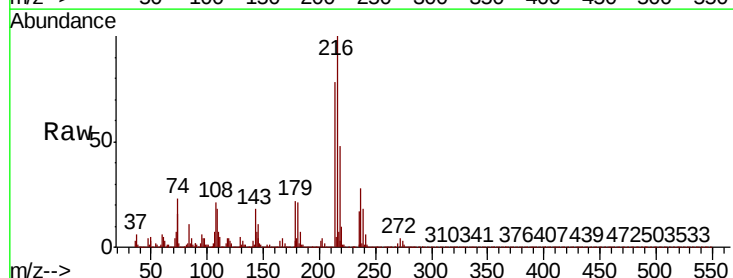
Ion Ratio Lower Upper

216 100

214 79.0 62.8 94.2

179 22.3 17.6 26.4

108 22.7 17.7 26.5



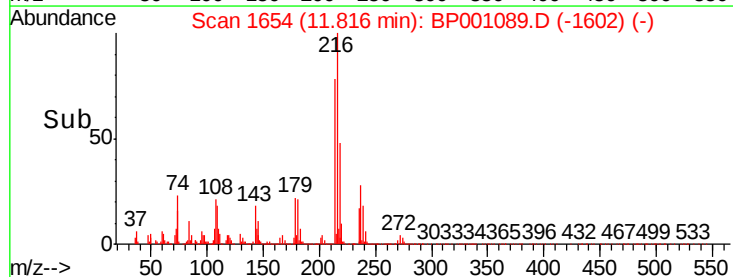
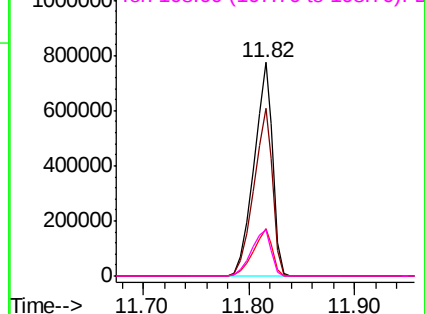
Abundance

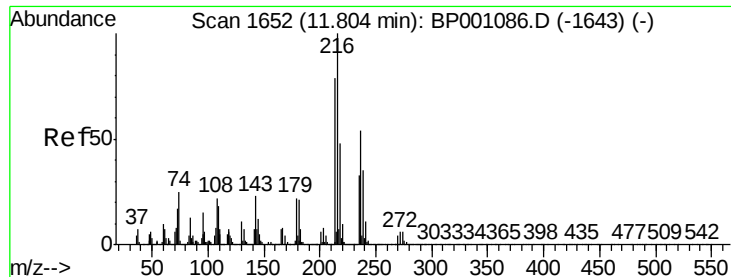
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 71.524 ng

RT: 11.81 min Scan# 1653

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

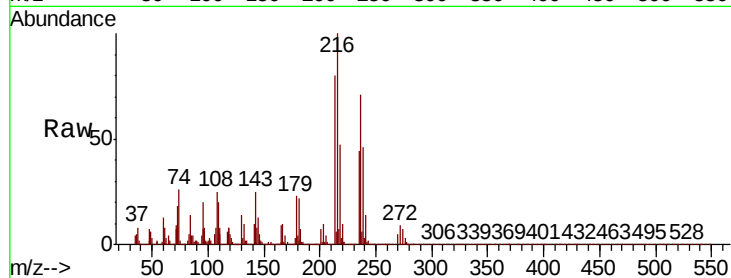
Instrument :

BNA_P

ClientSampleId :

Tot Ion:237 Resp: 481135

Ion	Ratio	Lower	Upper
237	100		
235	62.3	41.8	81.8
272	12.5	0.0	31.9

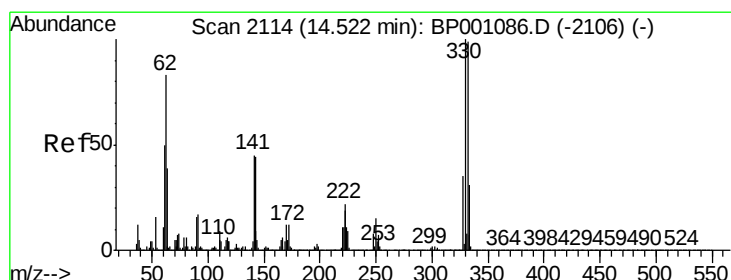
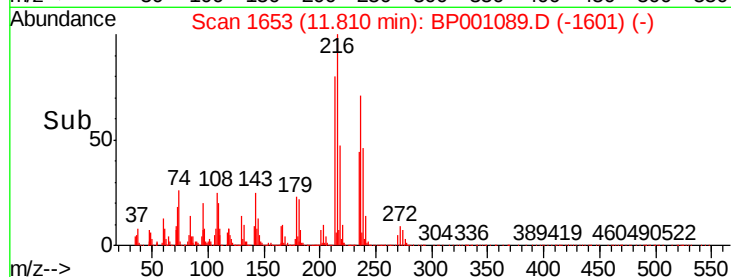
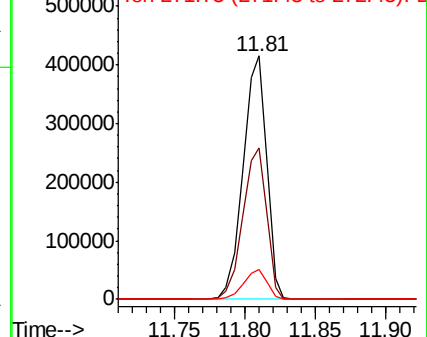


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 119.808 ng

RT: 14.54 min Scan# 2117

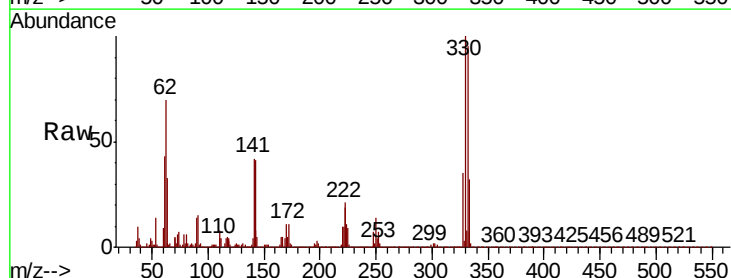
Delta R.T. 0.02 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Tgt Ion:330 Resp: 576773

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.6	116.4
141	44.9	34.2	51.2

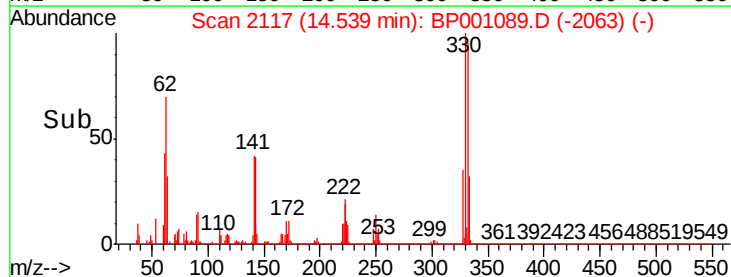
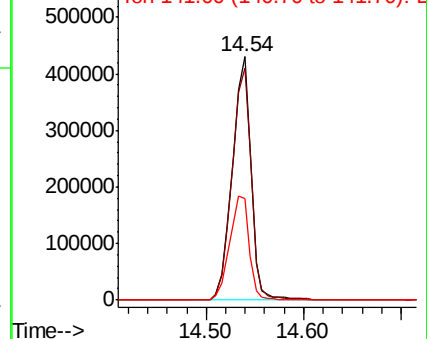


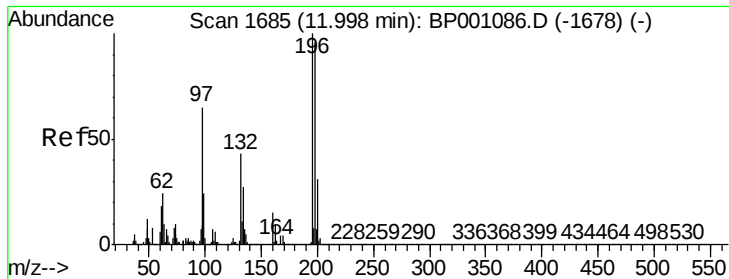
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 81.286 ng

RT: 12.00 min Scan# 1686

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Instrument :

BNA_P

ClientSampleId :

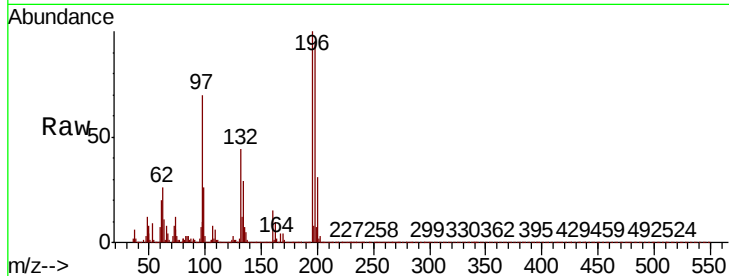
Tot Ion:196 Resp: 658109

Ion Ratio Lower Upper

196 100

198 95.1 76.7 115.1

200 30.6 24.7 37.1

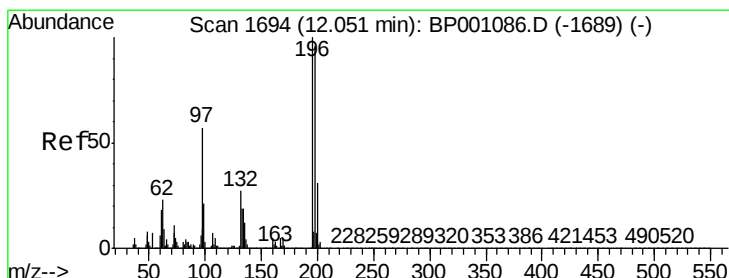
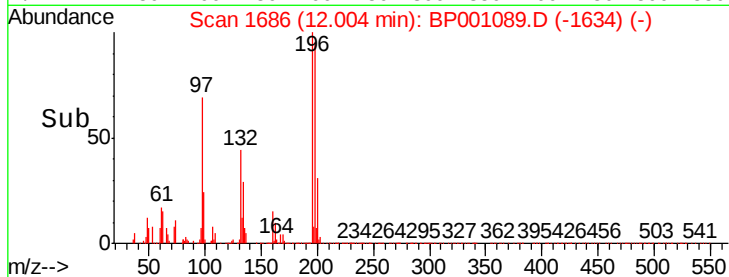
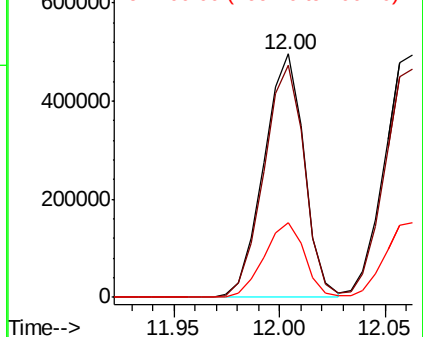


Abundance

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: 78.799 ng

RT: 12.06 min Scan# 1696

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Tgt Ion:196 Resp: 682100

Ion Ratio Lower Upper

196 100

198 94.1 76.8 115.2

97 59.2 46.1 69.1

132 28.4 21.6 32.4

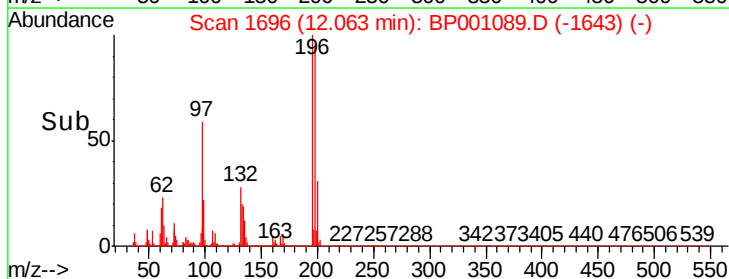
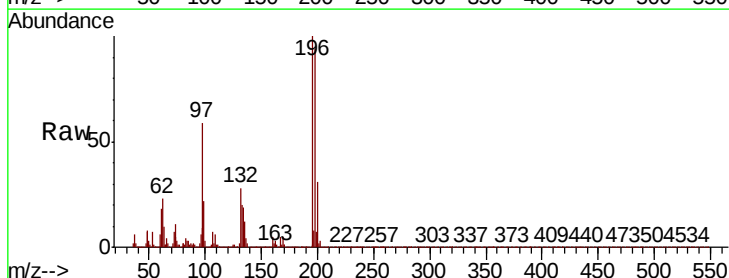
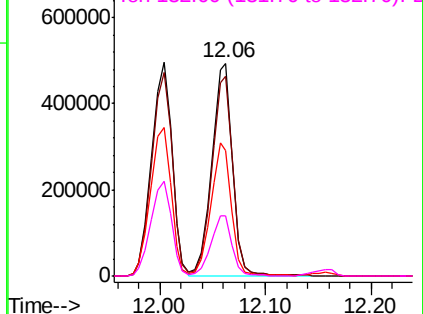
Abundance

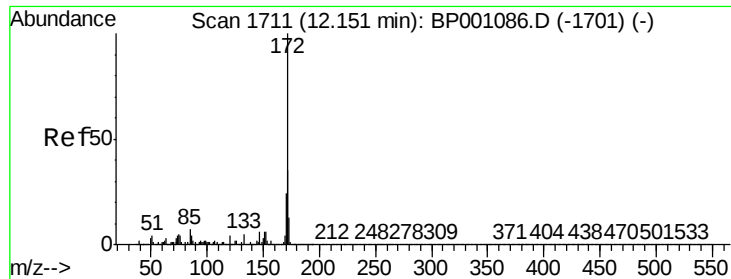
Ion 196.00 (195.70 to 196.70): E

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

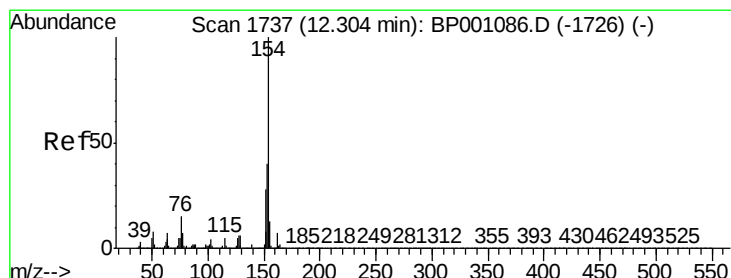
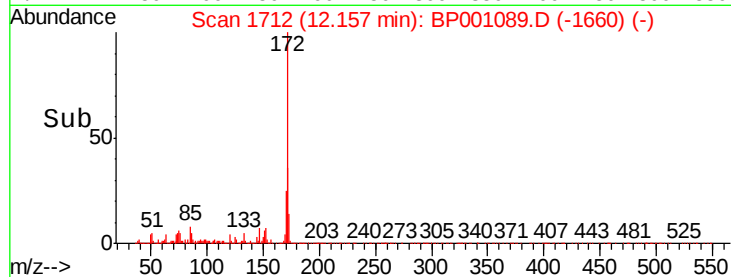
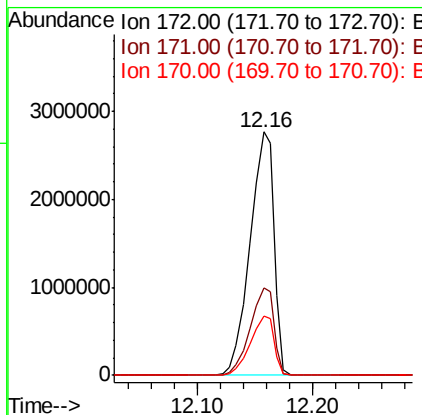
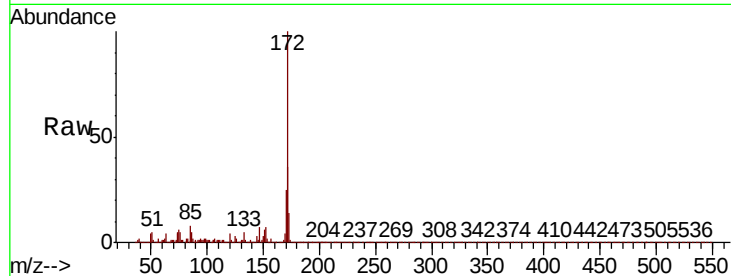




#45
2-Fluorobiphenyl
Concen: 149.269 ng
RT: 12.16 min Scan# 1712
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

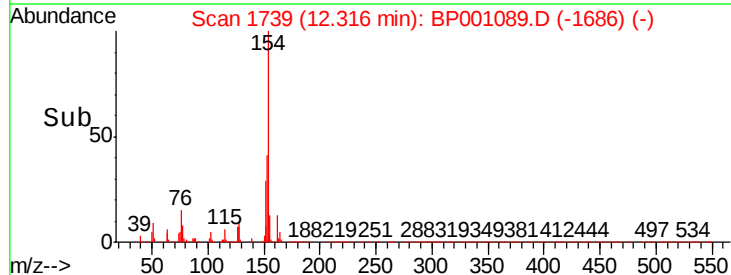
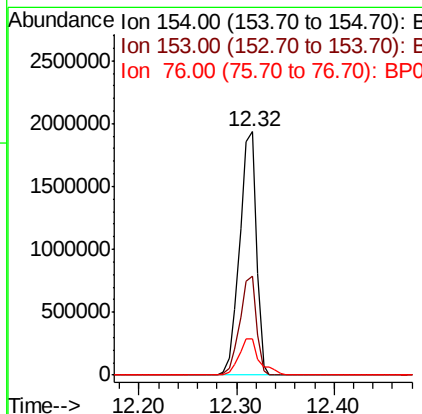
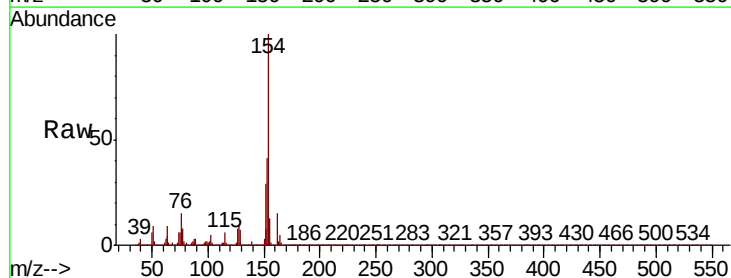
Instrument :
BNA_P
ClientSampleId :

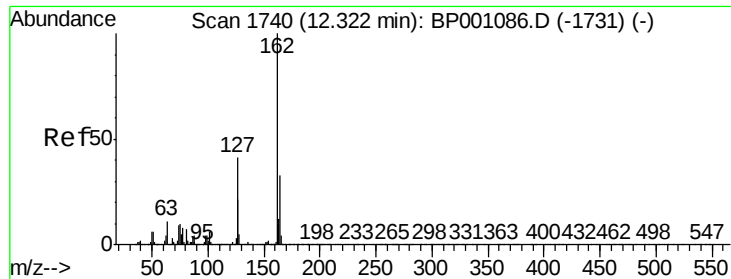
Tot Ion:172 Resp: 3996837
Ion Ratio Lower Upper
172 100
171 36.2 27.9 41.9
170 24.5 19.0 28.4



#46
1,1'-Biphenyl
Concen: 76.475 ng
RT: 12.32 min Scan# 1739
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion:154 Resp: 2305978
Ion Ratio Lower Upper
154 100
153 40.5 20.2 60.2
76 15.0 0.0 34.5

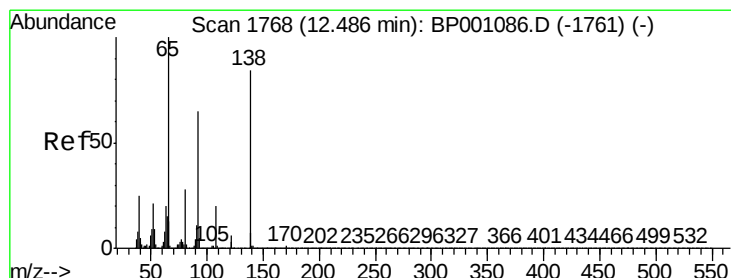
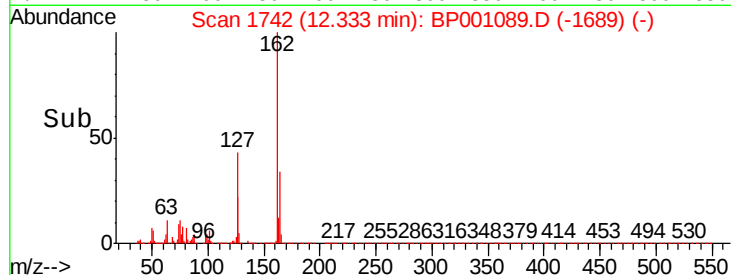
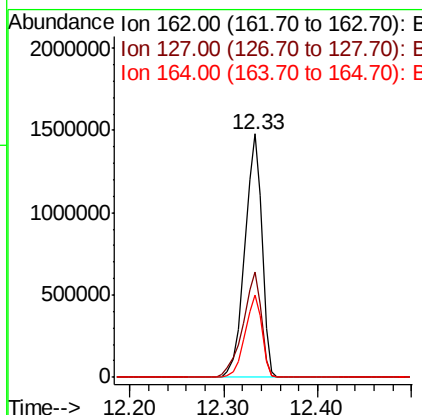
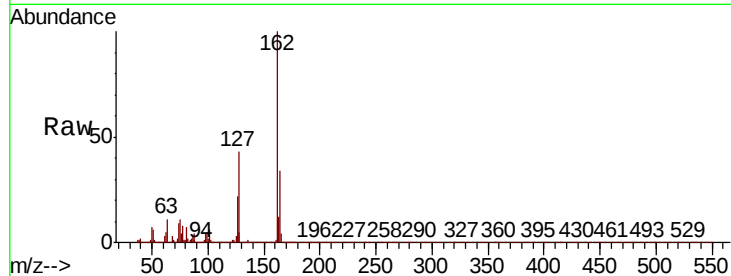




#47
2-Chloronaphthalene
Concen: 76.443 ng
RT: 12.33 min Scan# 1742
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

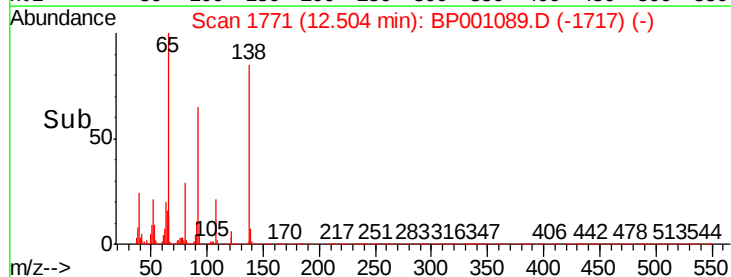
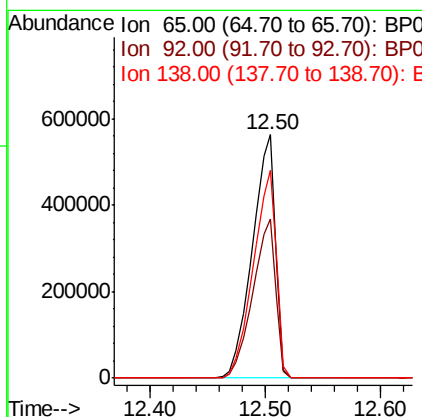
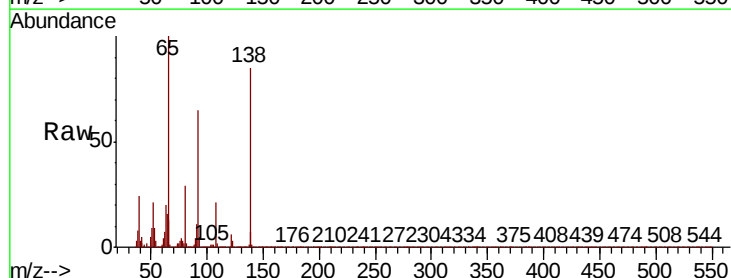
Instrument :
BNA_P
ClientSampleId :

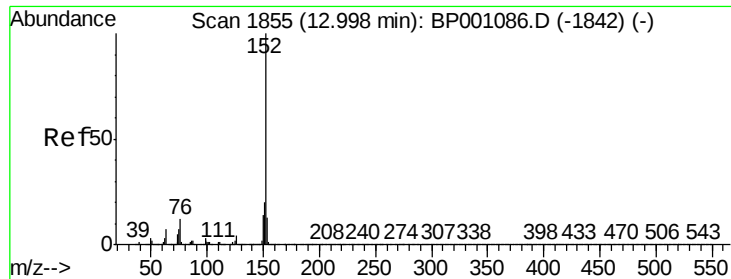
Tot Ion:162 Resp: 1855596
Ion Ratio Lower Upper
162 100
127 43.3 33.0 49.6
164 33.6 26.7 40.1



#48
2-Nitroaniline
Concen: 123.606 ng
RT: 12.50 min Scan# 1771
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion: 65 Resp: 785367
Ion Ratio Lower Upper
65 100
92 65.5 51.6 77.4
138 85.2 67.3 100.9





#49

Acenaphthylene

Concen: 75.584 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

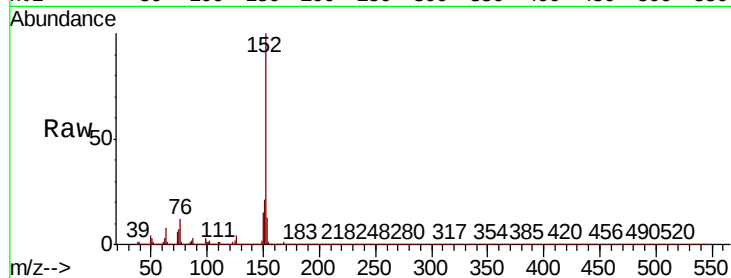
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 2789271

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.8
153	13.0	10.2	15.4

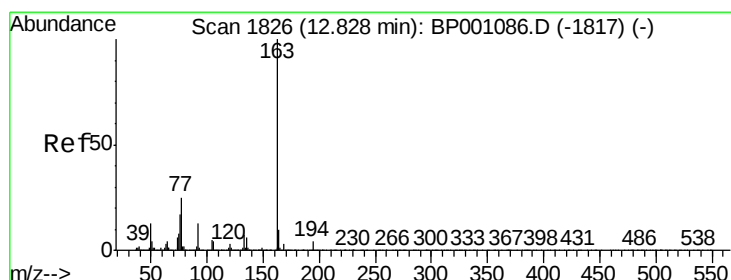
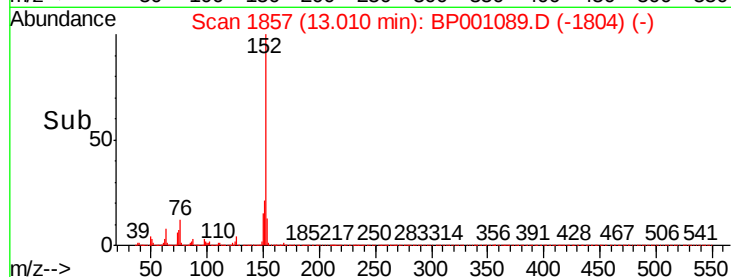
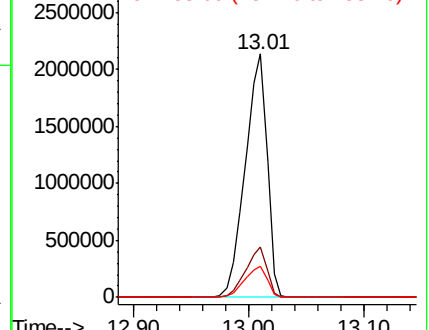


Abundance

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: 75.679 ng

RT: 12.85 min Scan# 1829

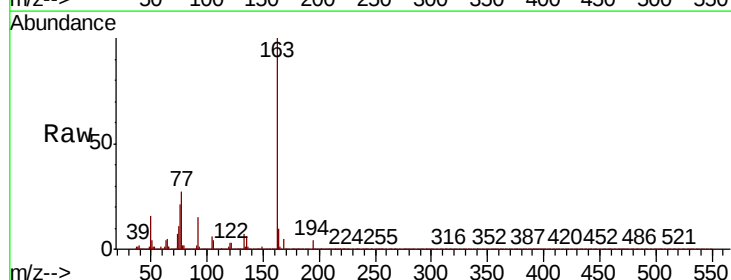
Delta R.T. 0.02 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Tgt Ion:163 Resp: 2256728

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.2	8.1	12.1

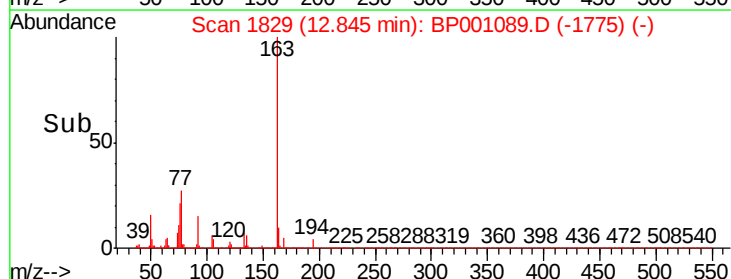
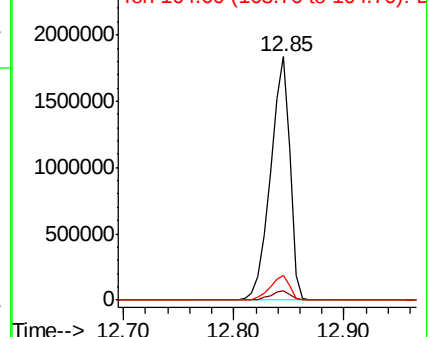


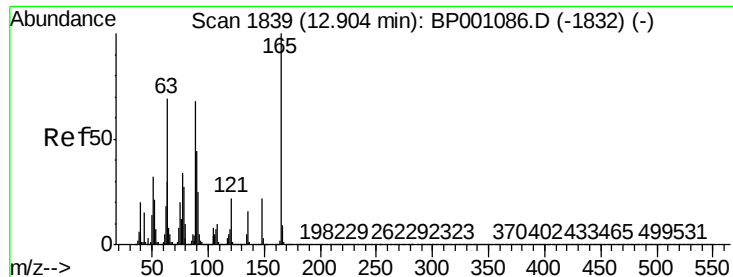
Abundance

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

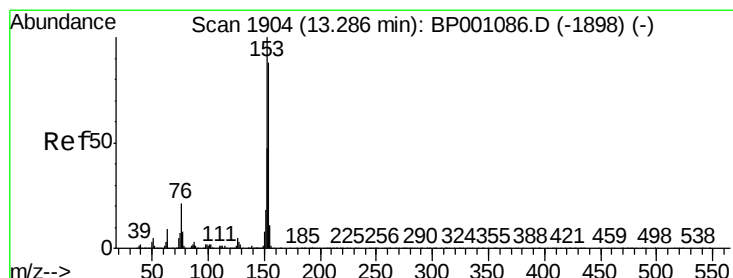
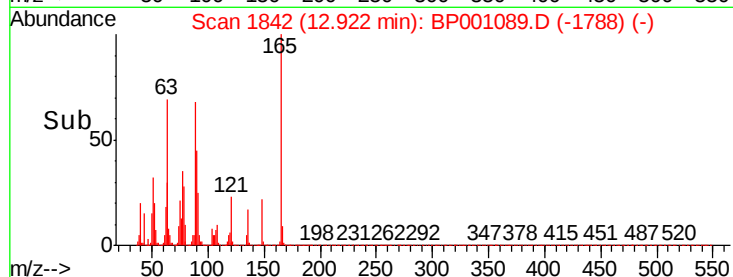
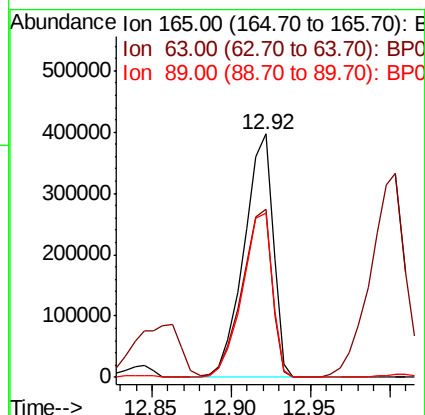
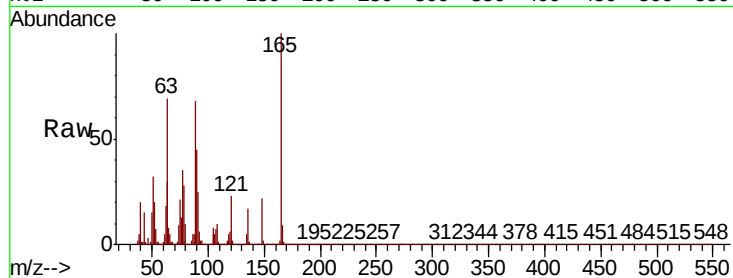




#51
2,6-Dinitrotoluene
Concen: 81.533 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

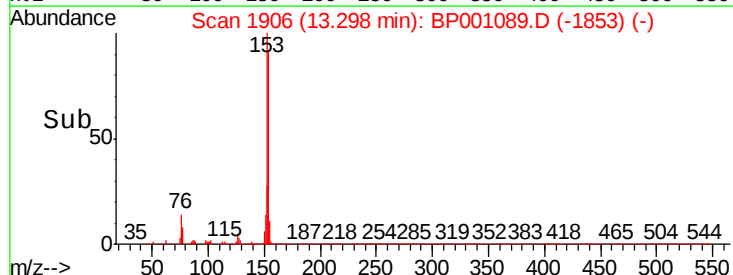
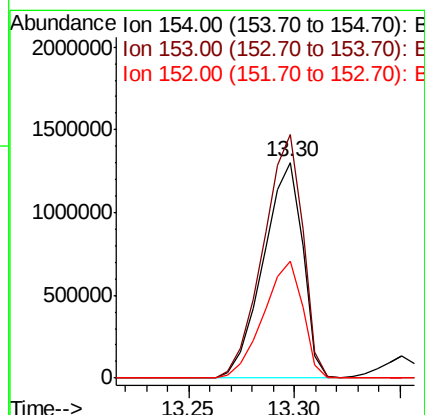
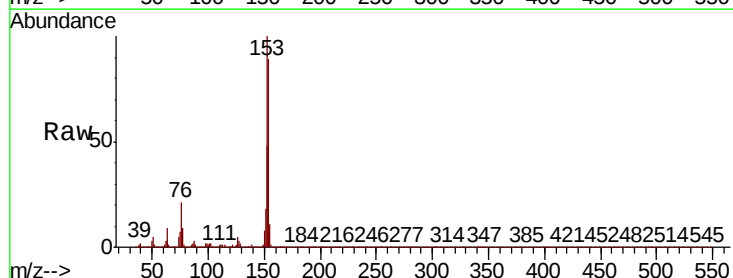
Instrument :
BNA_P
ClientSampleId :

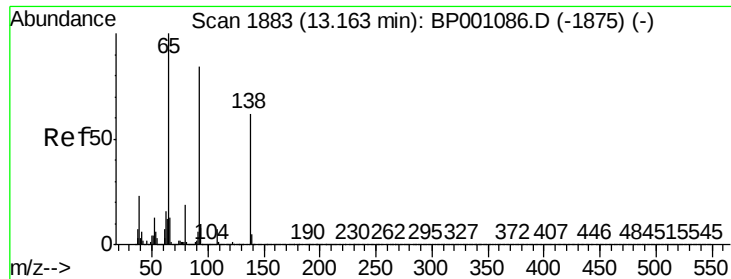
Tot Ion:165 Resp: 507153
Ion Ratio Lower Upper
165 100
63 69.2 55.6 83.4
89 67.6 54.1 81.1



#52
Acenaphthene
Concen: 76.757 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion:154 Resp: 1694159
Ion Ratio Lower Upper
154 100
153 112.9 90.5 135.7
152 54.4 42.6 64.0

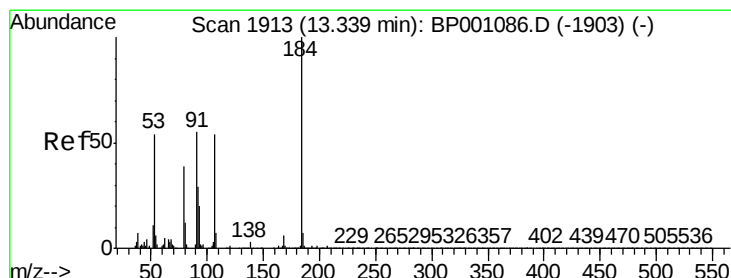
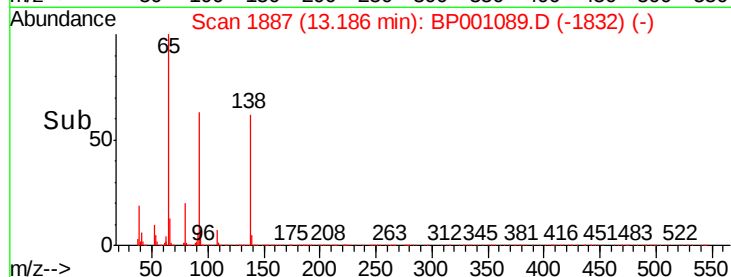
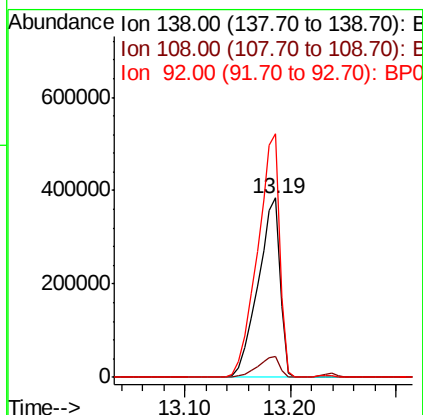
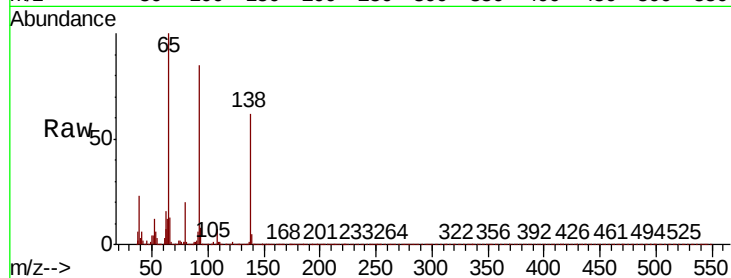




#53
3-Nitroaniline
Concen: 83.174 ng
RT: 13.19 min Scan# 1887
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

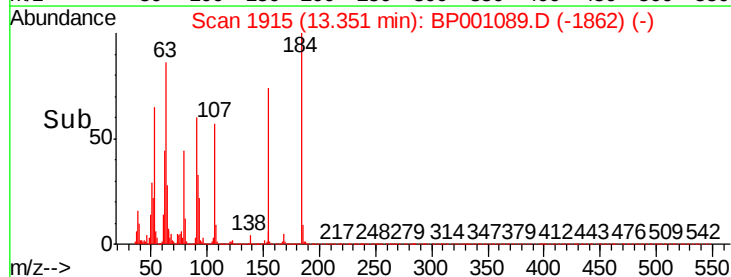
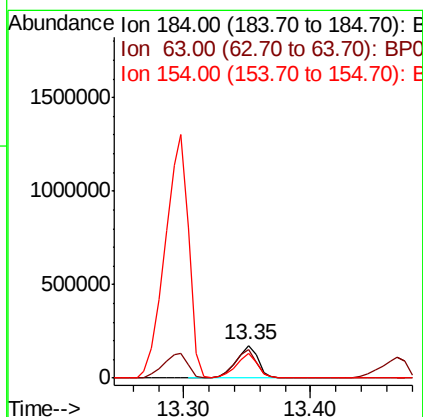
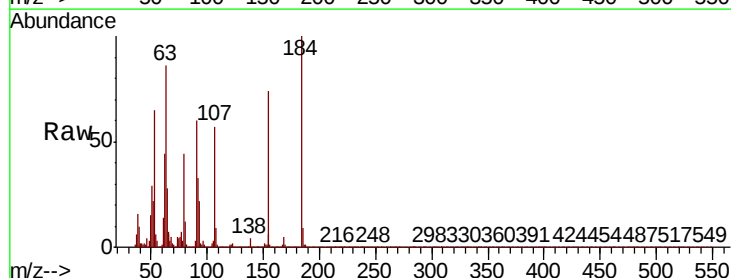
Instrument :
BNA_P
ClientSampleId :

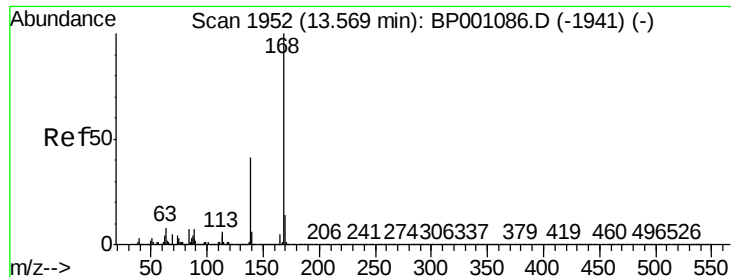
Tot Ion:138 Resp: 564286
Ion Ratio Lower Upper
138 100
108 11.8 9.2 13.8
92 135.8 107.8 161.6



#54
2,4-Dinitrophenol
Concen: 137.067 ng
RT: 13.35 min Scan# 1915
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion:184 Resp: 210173
Ion Ratio Lower Upper
184 100
63 86.2 60.7 91.1
154 74.4 56.2 84.2





#55

Dibenzofuran

Concen: 70.899 ng

RT: 13.58 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

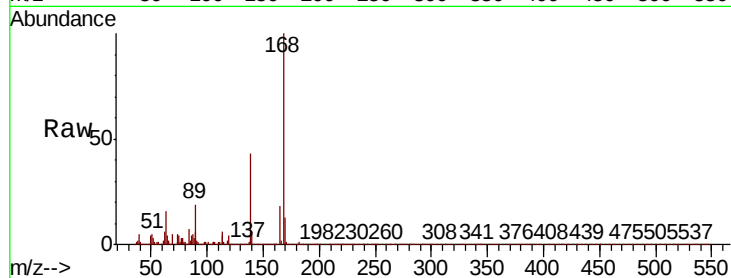
Instrument :

BNA_P

ClientSampleId :

Tot Ion:168 Resp: 2444248

Ion	Ratio	Lower	Upper
168	100		
139	43.2	32.8	49.2
169	13.5	10.9	16.3

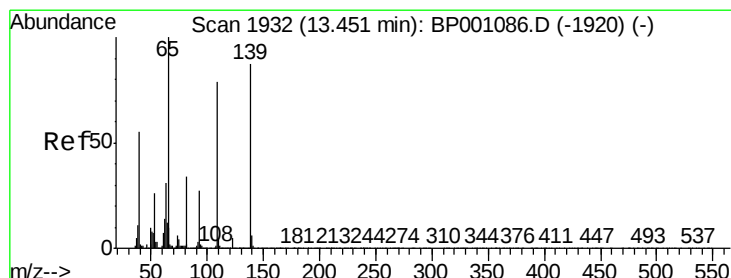
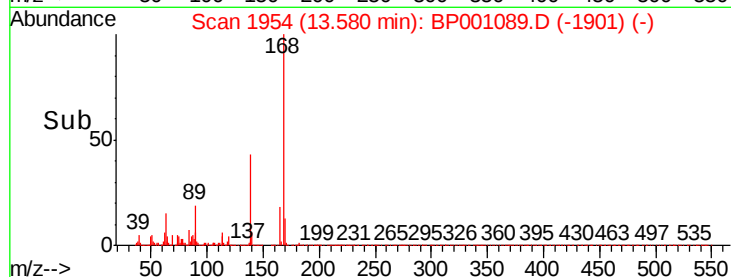
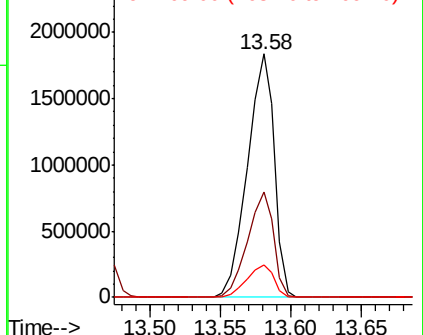


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 87.633 ng

RT: 13.47 min Scan# 1935

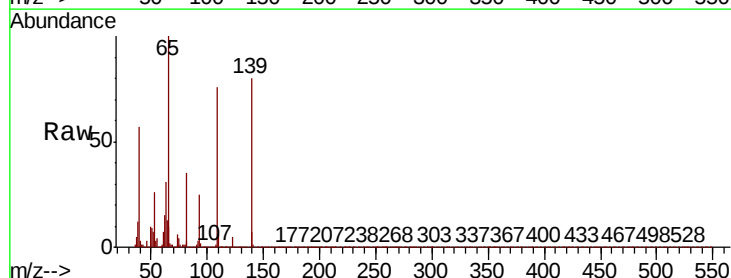
Delta R.T. 0.02 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Tgt Ion:139 Resp: 413447

Ion	Ratio	Lower	Upper
139	100		
109	95.4	70.9	110.9
65	125.1	95.2	135.2

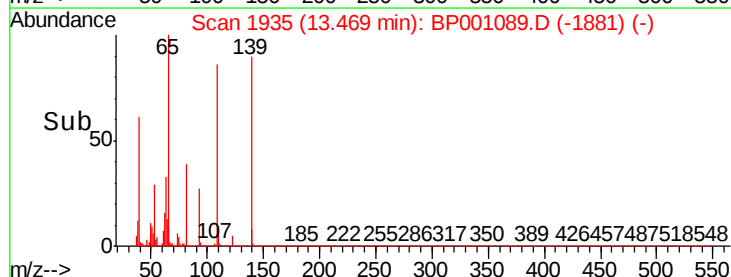
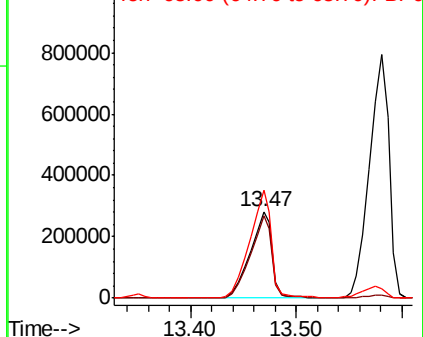


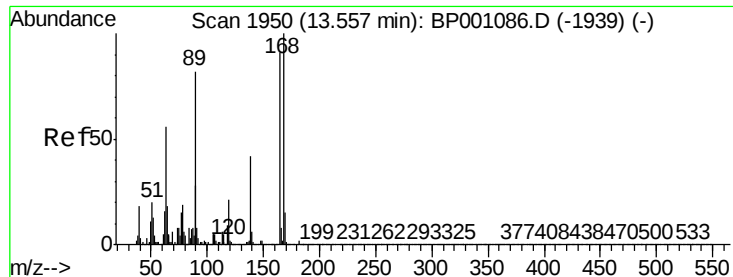
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

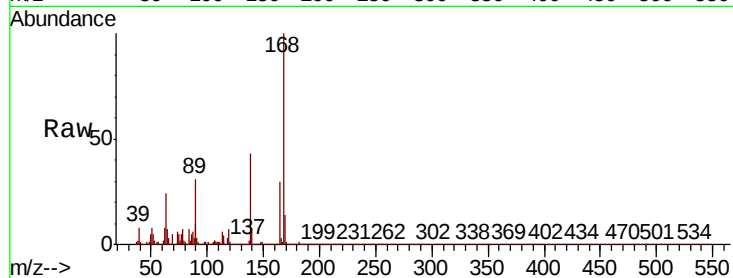




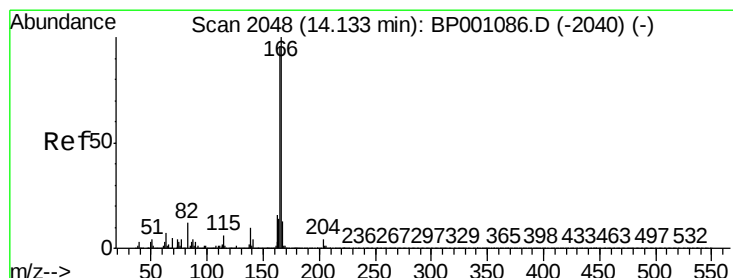
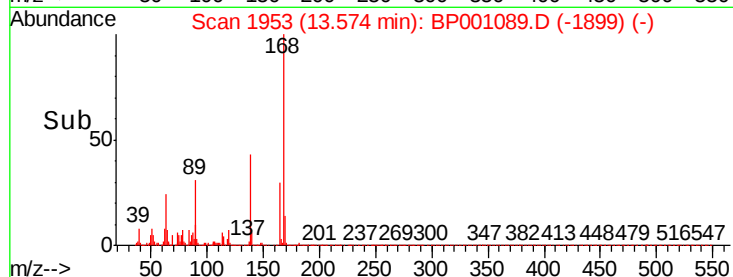
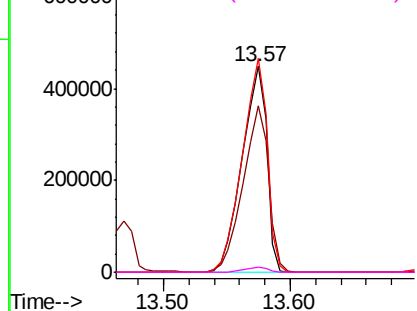
#57
2,4-Dinitrotoluene
Concen: 77.662 ng
RT: 13.57 min Scan# 1953
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 606762
Ion Ratio Lower Upper
165 100
63 80.8 49.4 74.2#
89 103.8 72.1 108.1
182 2.4 2.0 3.0

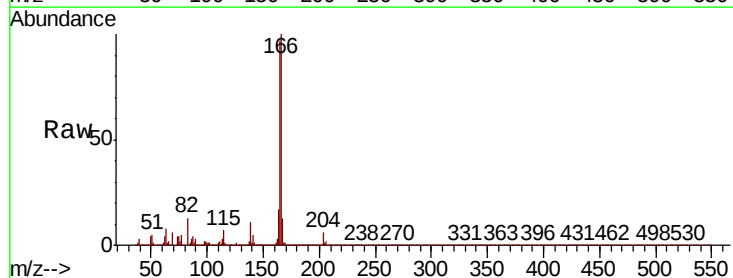


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

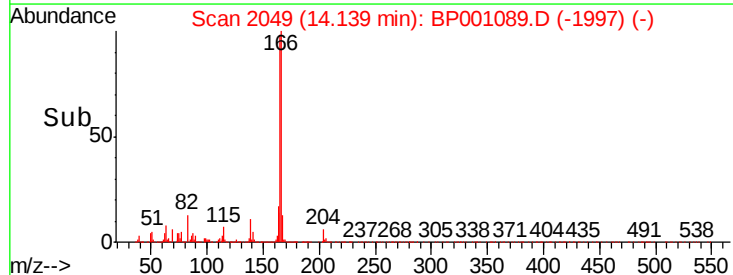
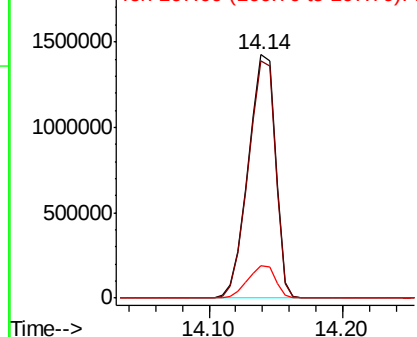


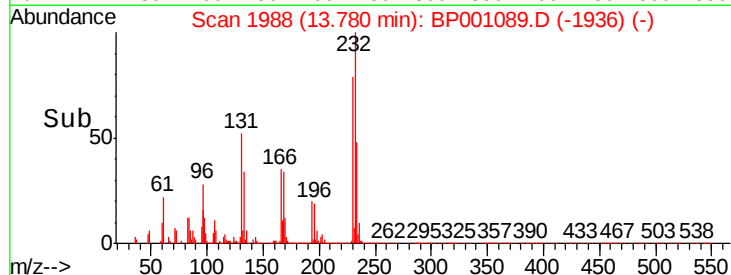
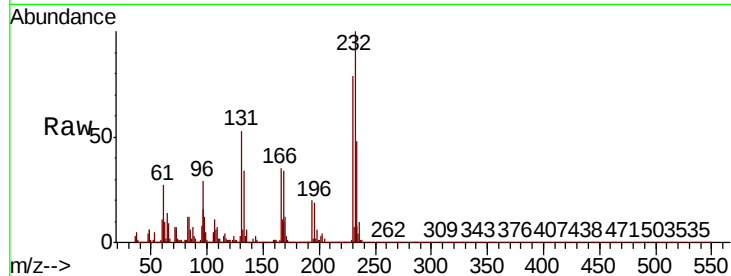
#58
Fluorene
Concen: 72.493 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion:166 Resp: 1988975
Ion Ratio Lower Upper
166 100
165 97.4 76.7 115.1
167 13.3 10.5 15.7



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 74.845 ng

RT: 13.78 min Scan# 1988

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Instrument :

BNA_P

ClientSampleId :

Tot Ion:232 Resp: 550860

Ion Ratio Lower Upper

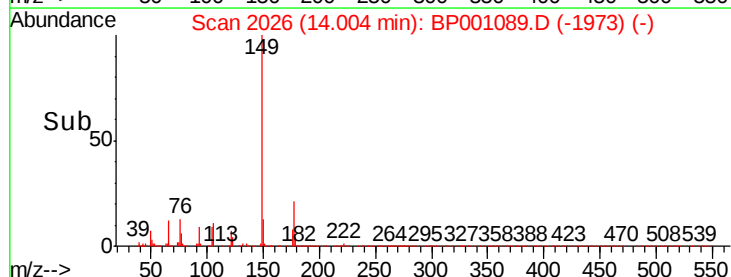
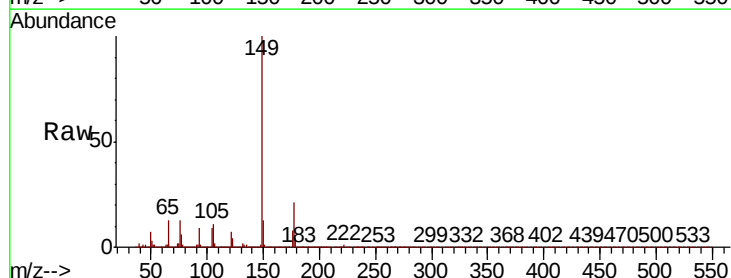
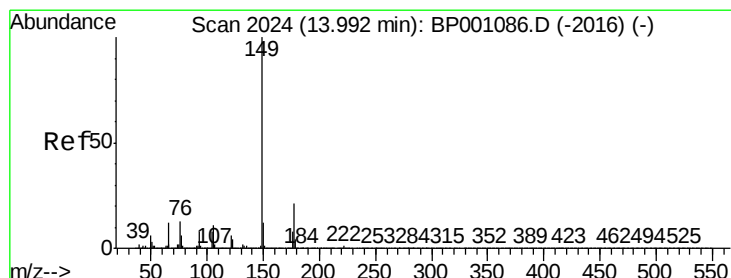
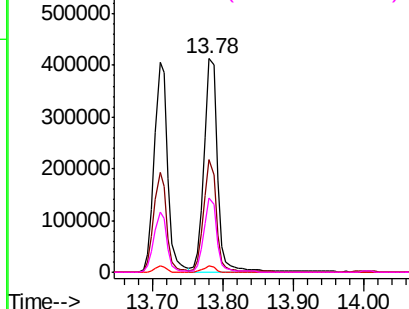
232 100

131 49.5 39.6 59.4

130 2.6 1.9 2.9

166 33.5 25.7 38.5

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: 79.096 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Tgt Ion:149 Resp: 2369168

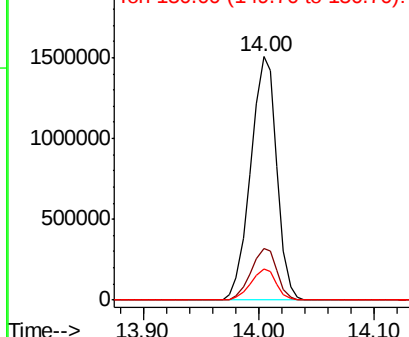
Ion Ratio Lower Upper

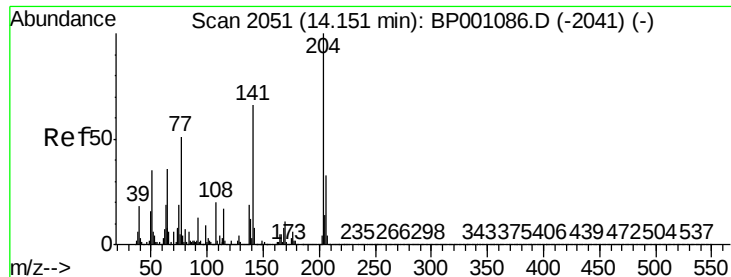
149 100

177 21.4 17.0 25.6

150 12.7 9.9 14.9

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

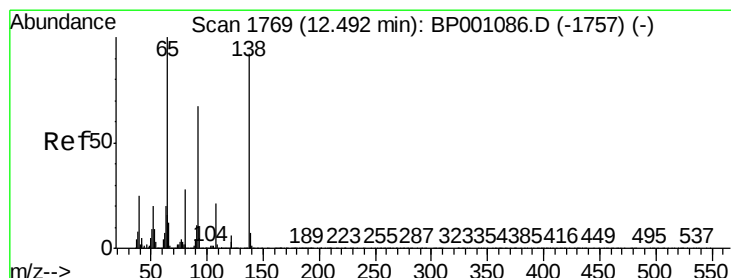
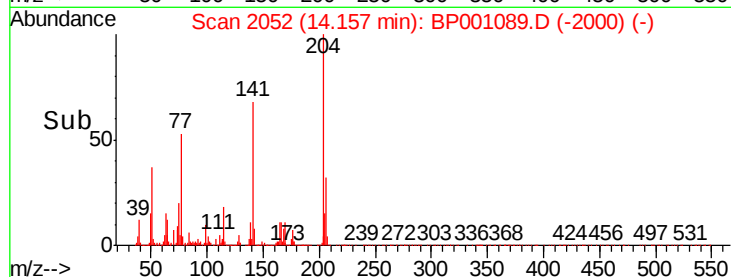
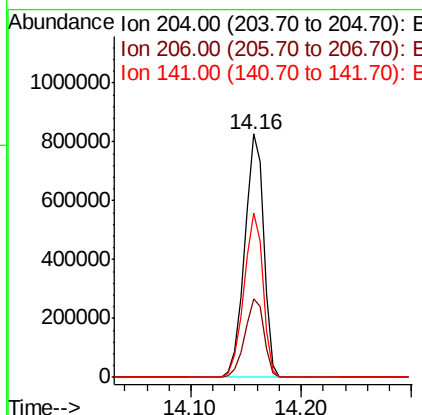
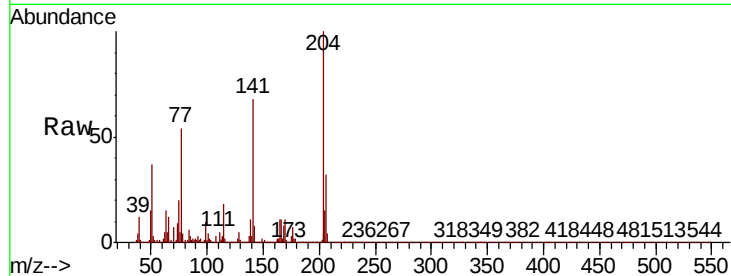




#61
4-Chlorophenyl-phenylether
Concen: 69.307 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

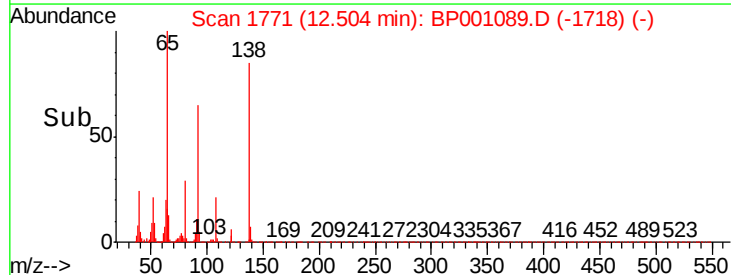
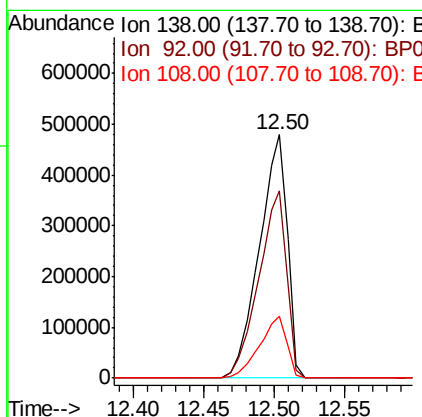
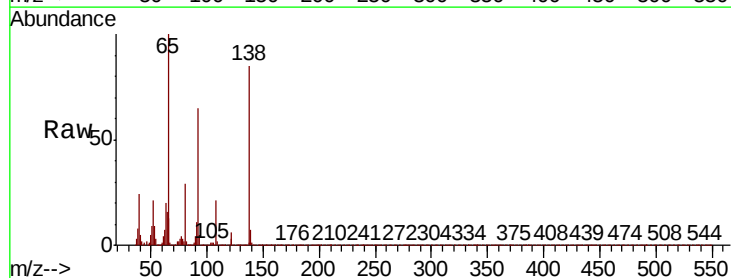
Instrument :
BNA_P
ClientSampled :

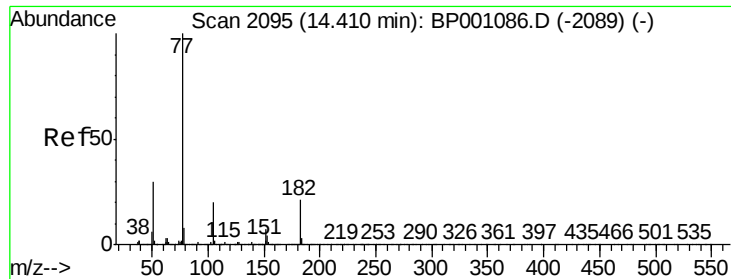
Tot Ion:204 Resp: 1005433
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 67.6 52.7 79.1



#62
4-Nitroaniline
Concen: 91.908 ng
RT: 12.50 min Scan# 1771
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion:138 Resp: 668568
Ion Ratio Lower Upper
138 100
92 76.9 53.3 93.3
108 25.2 3.1 43.1





#63

Azobenzene

Concen: 97.402 ng

RT: 14.42 min Scan# 2097

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 2553391

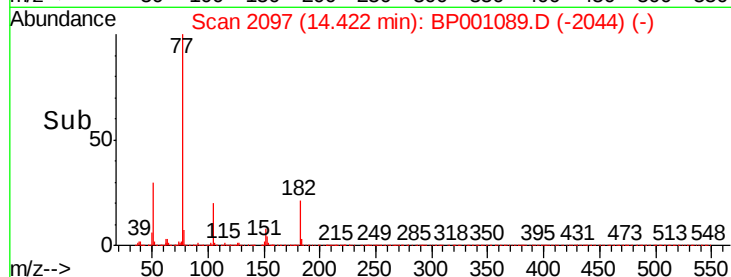
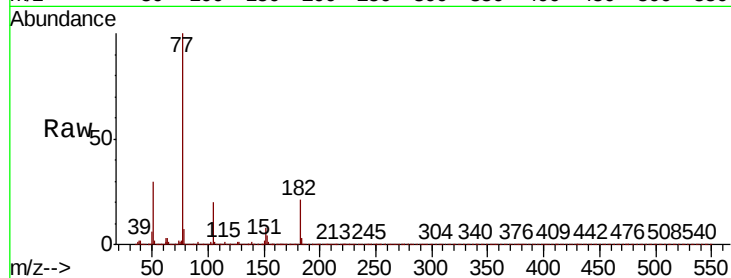
Ion Ratio Lower Upper

77 100

182 21.0 0.8 40.8

105 19.9 0.3 40.3

51 30.0 9.6 49.6

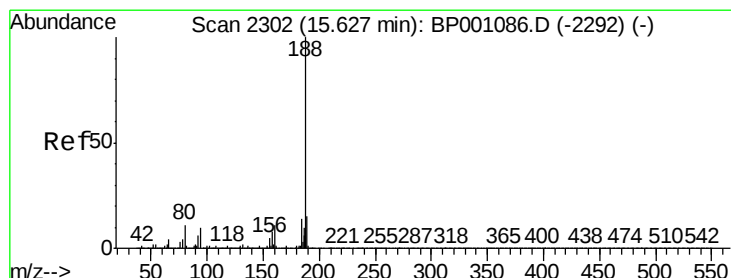
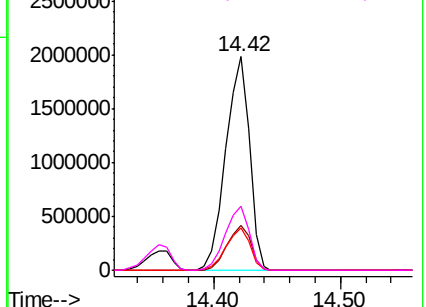


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.63 min Scan# 2303

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

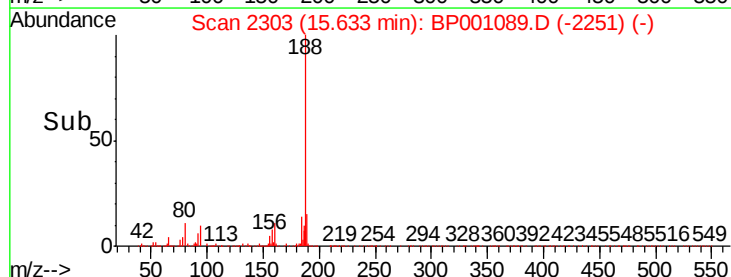
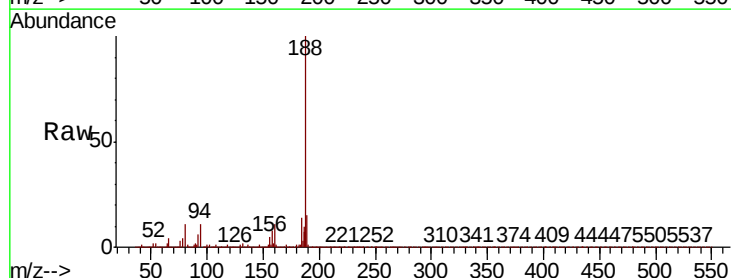
Tgt Ion: 188 Resp: 742467

Ion Ratio Lower Upper

188 100

94 10.5 7.9 11.9

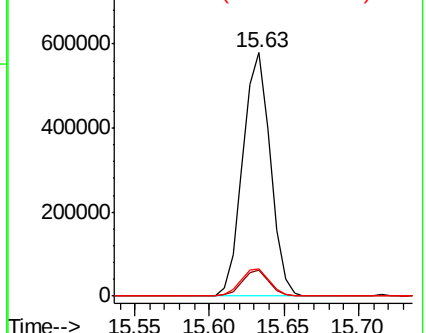
80 11.4 8.8 13.2

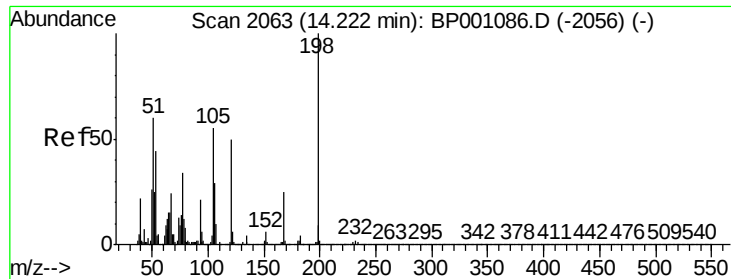


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

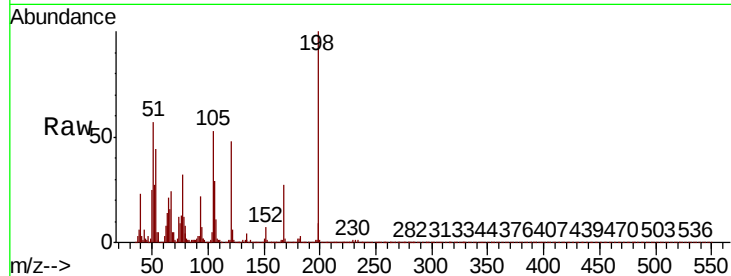




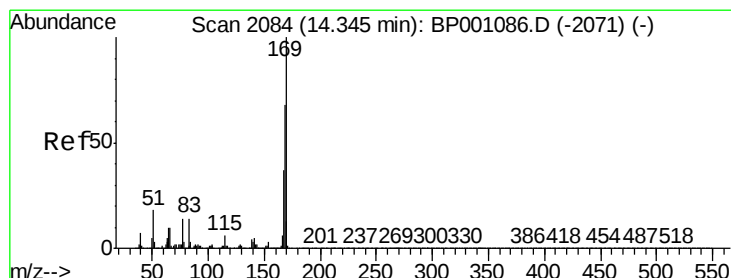
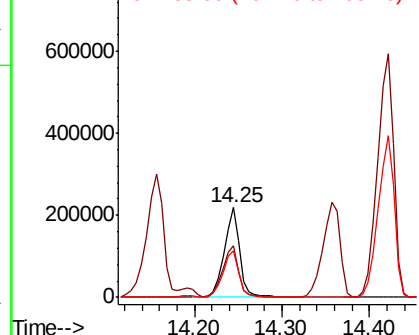
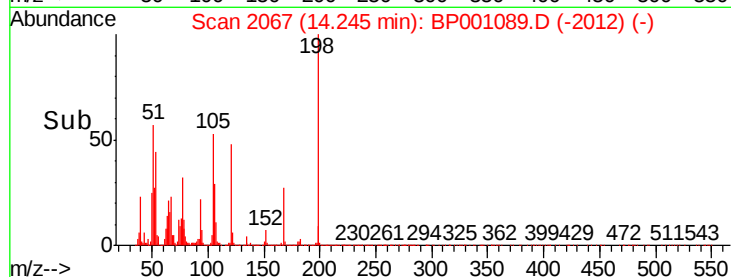
#65
4,6-Dinitro-2-methylphenol
Concen: 128.726 ng
RT: 14.25 min Scan# 2067
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Instrument :
BNA_P
ClientSampleId :

Tot Ion	198	Resp	269653
Ion Ratio	100	Lower	Upper
51	57.2	40.5	80.5
105	52.5	35.7	75.7

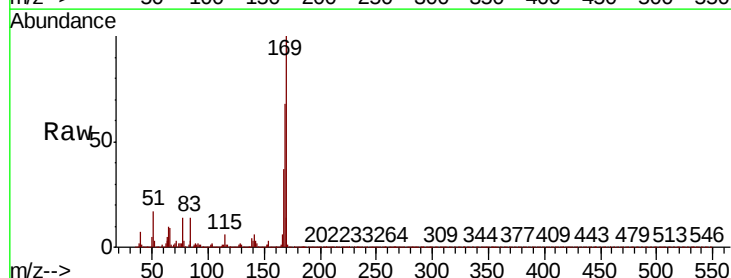


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

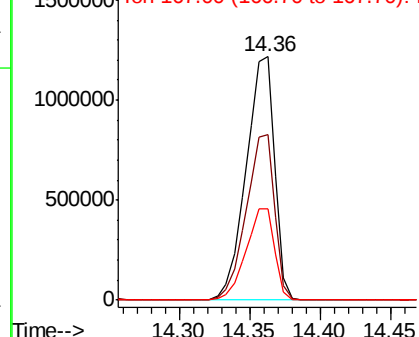
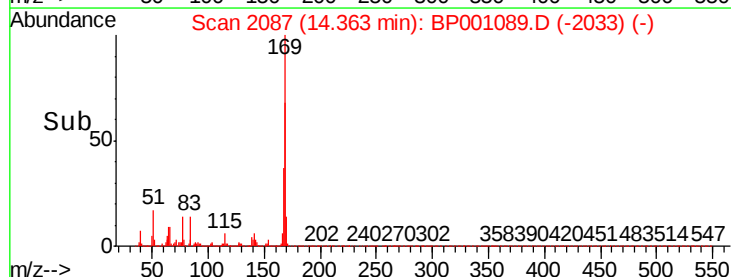


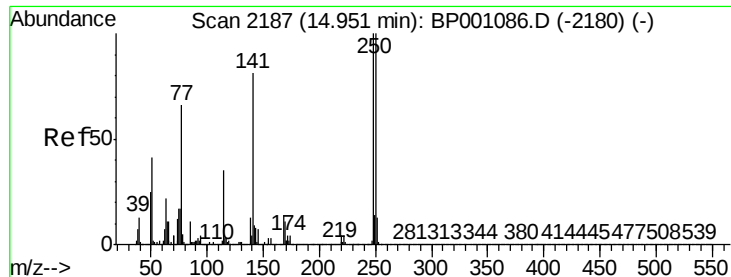
#66
n-Nitrosodiphenylamine
Concen: 80.532 ng
RT: 14.36 min Scan# 2087
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion	169	Resp	1719130
Ion Ratio	100	Lower	Upper
168	67.8	54.1	81.1
167	37.5	29.5	44.3



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

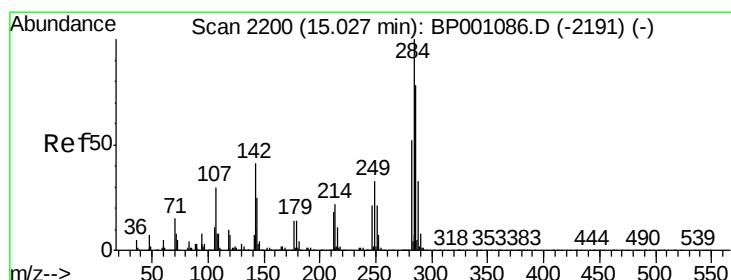
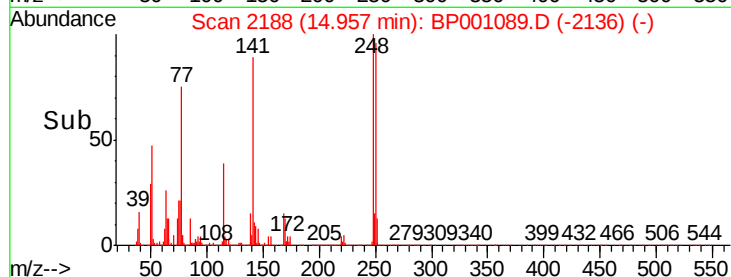
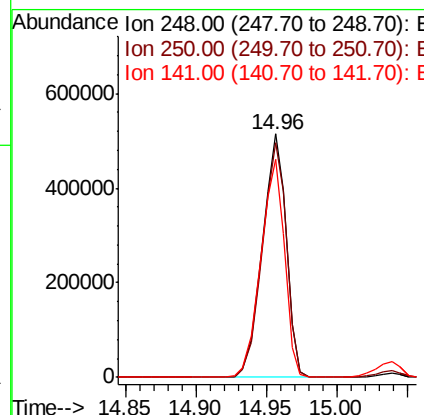
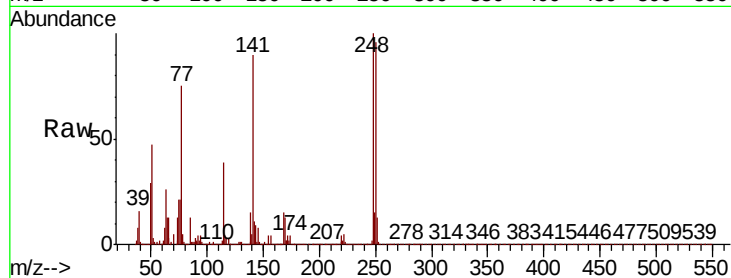




#67
4-Bromophenyl-phenylether
Concen: 70.402 ng
RT: 14.96 min Scan# 2188
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

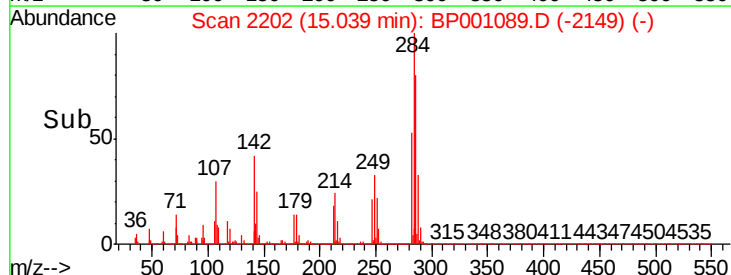
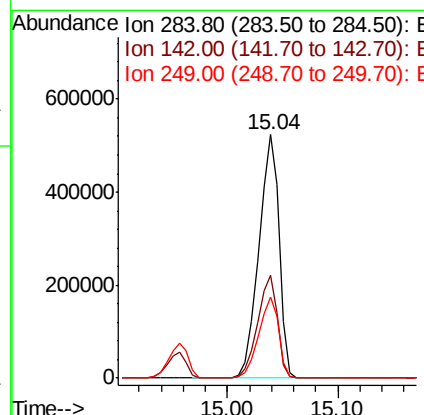
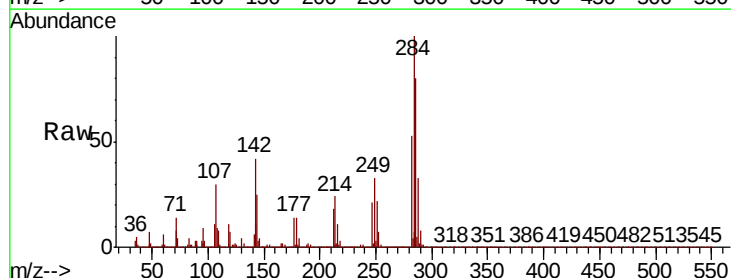
Instrument :
BNA_P
ClientSampleId :

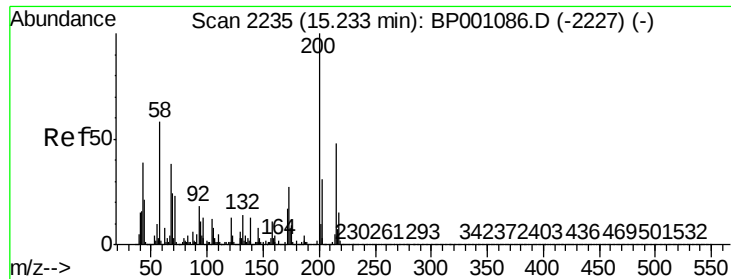
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	80.3	120.5
141	89.6	64.9	97.3



#68
Hexachlorobenzene
Concen: 66.303 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.2	33.2	49.8
249	33.1	26.2	39.4

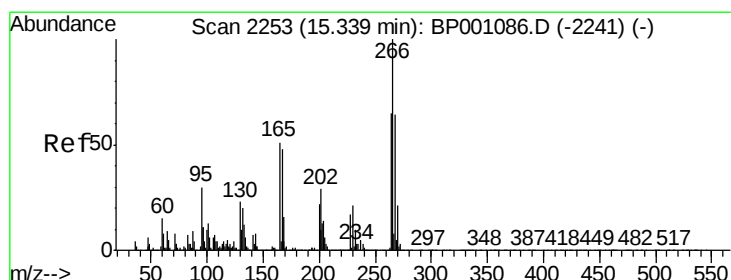
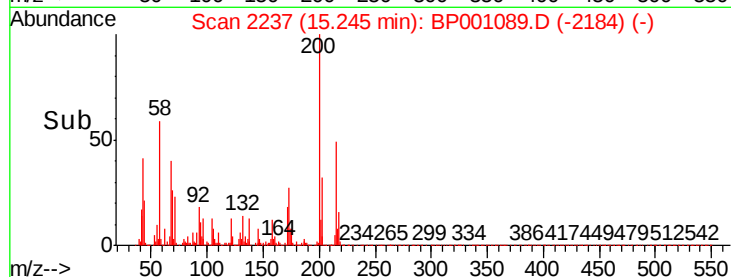
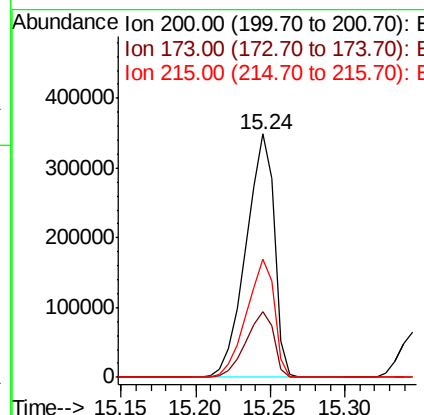
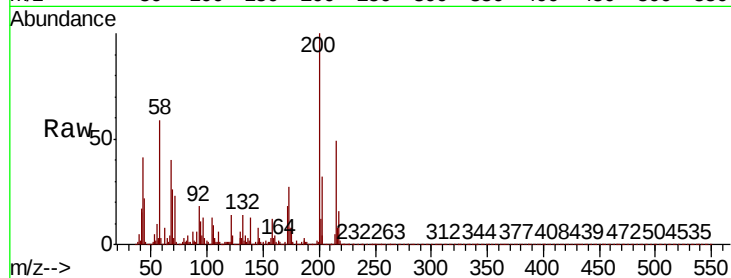




#69
Atrazine
Concen: 58.896 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

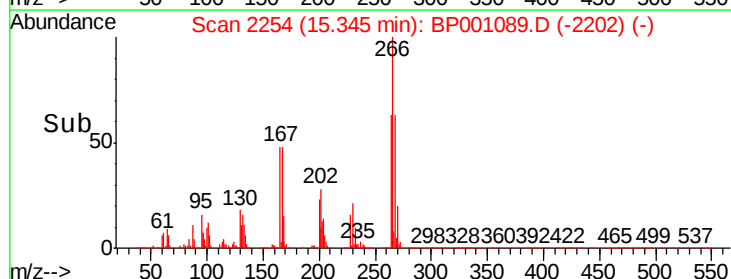
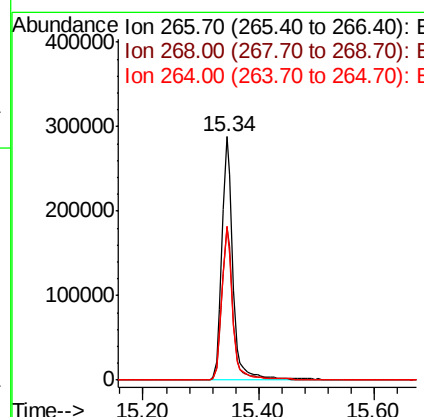
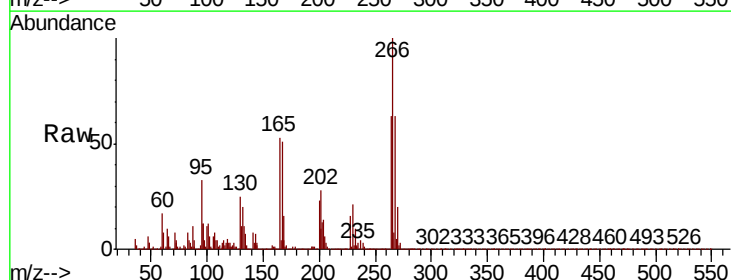
Instrument :
BNA_P
ClientSampleId :

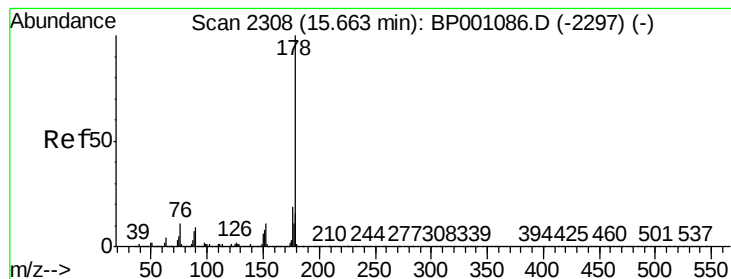
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	6.7	46.7
215	48.6	27.9	67.9



#70
Pentachlorophenol
Concen: 85.956 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.6	77.4
264	63.3	52.2	78.4





#71

Phenanthrene

Concen: 76.418 ng

RT: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Instrument :

BNA_P

ClientSampleId :

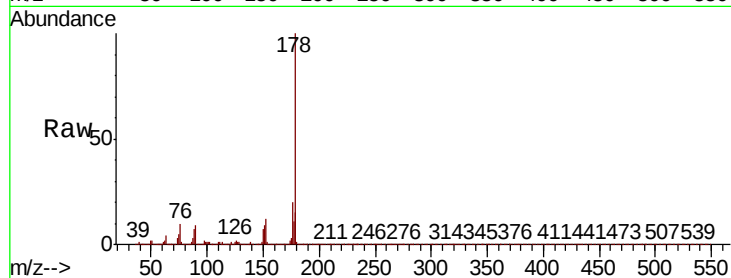
Tot Ion:178 Resp: 2903916

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.4	12.5	18.7

178 100

176 19.6 15.4 23.2

179 15.4 12.5 18.7

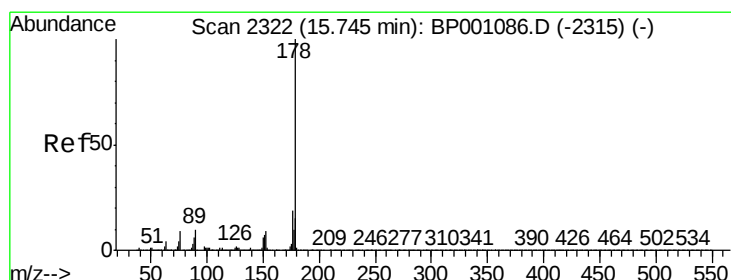
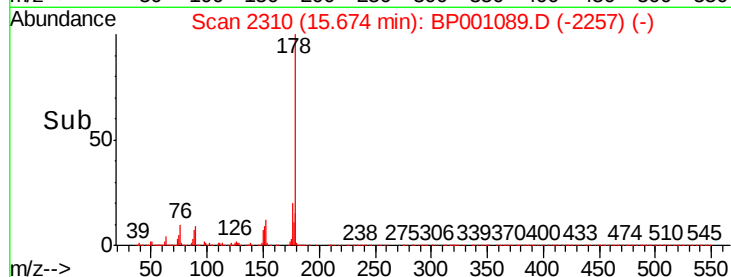
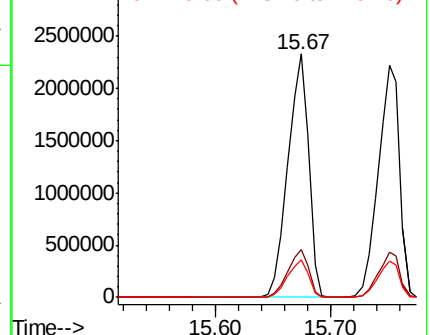


Abundance

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: 77.757 ng

RT: 15.75 min Scan# 2323

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

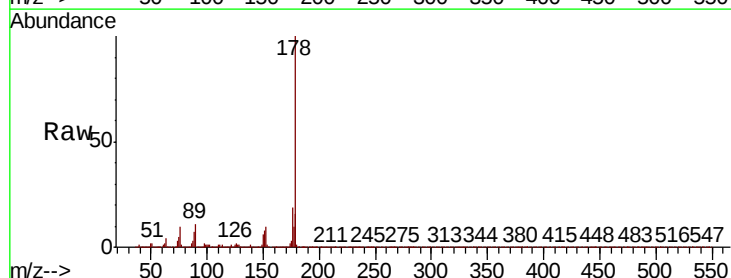
Tgt Ion:178 Resp: 2882439

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	15.8	12.2	18.4

178 100

176 19.4 14.9 22.3

179 15.8 12.2 18.4

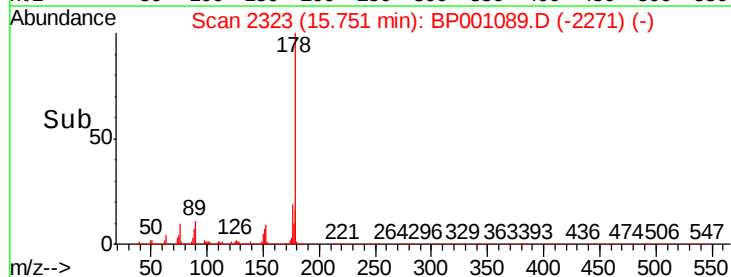
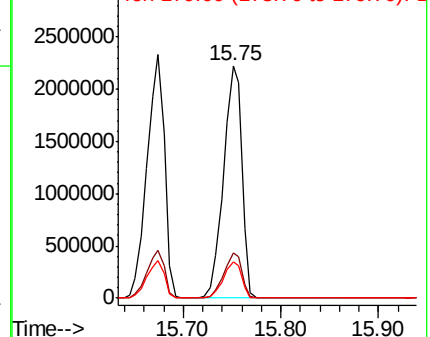


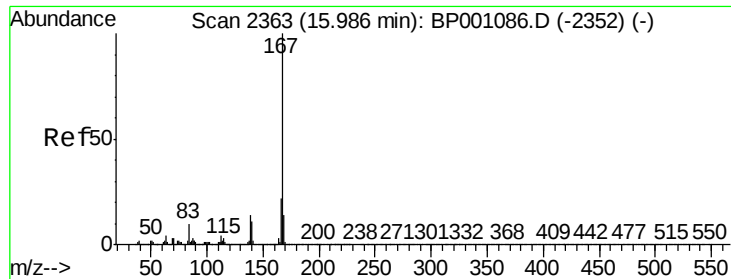
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

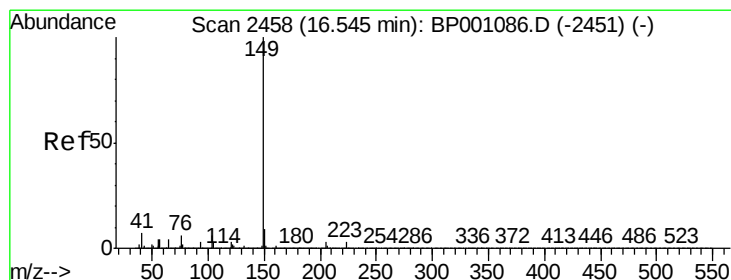
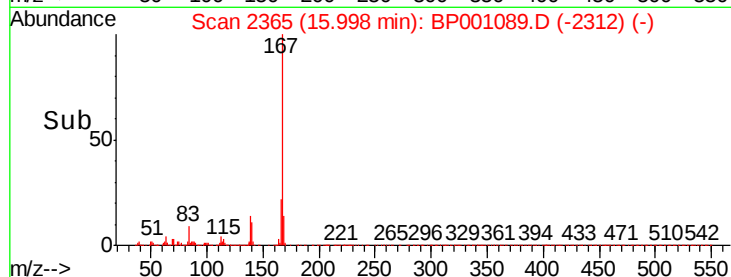
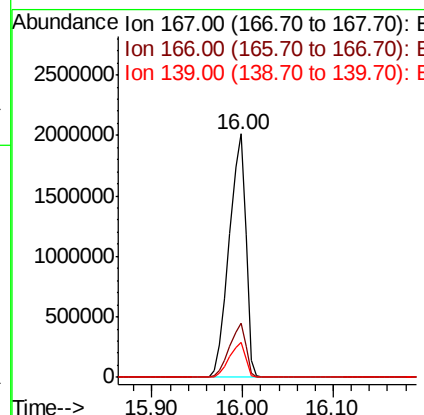
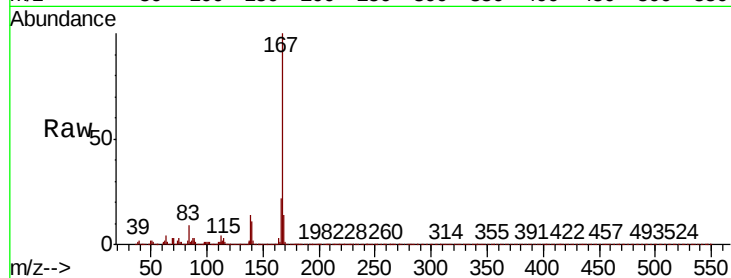




#73
 Carbazole
 Concen: 75.933 ng
 RT: 16.00 min Scan# 2365
 Delta R.T. 0.01 min
 Lab File: BP001089.D
 Acq: 27 Nov 2019 16:28

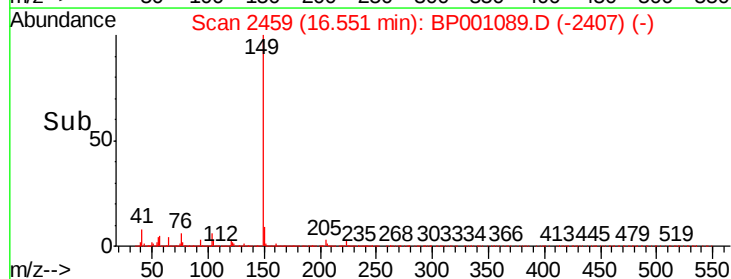
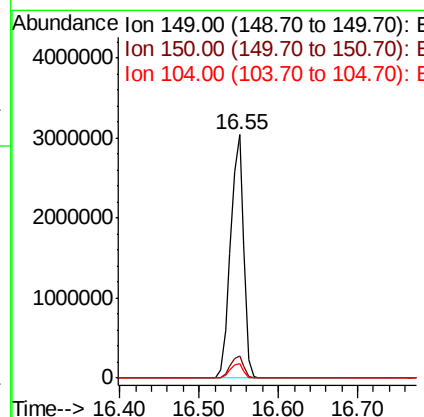
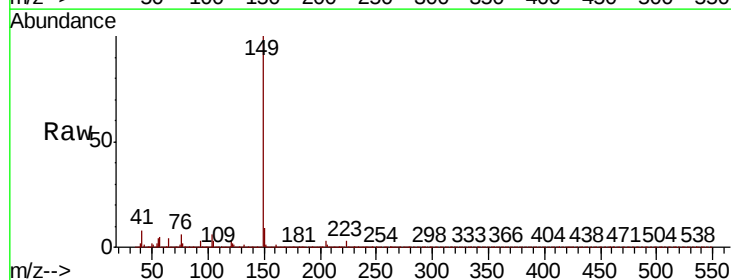
Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 2580691
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.2 25.8
 139 14.3 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 84.545 ng
 RT: 16.55 min Scan# 2459
 Delta R.T. 0.01 min
 Lab File: BP001089.D
 Acq: 27 Nov 2019 16:28

Tgt Ion:149 Resp: 3467833
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 6.2 4.6 6.8





#75

Fluoranthene

Concen: 69.063 ng

RT: 17.39 min Scan# 2601

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Instrument :

BNA_P

ClientSampleId :

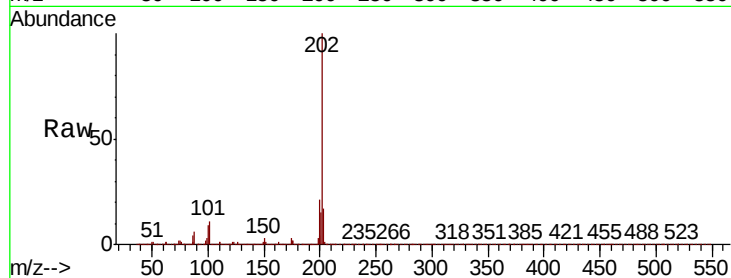
Tot Ion:202 Resp: 2966368

Ion Ratio Lower Upper

202 100

101 11.0 0.0 32.1

203 17.2 0.0 37.8

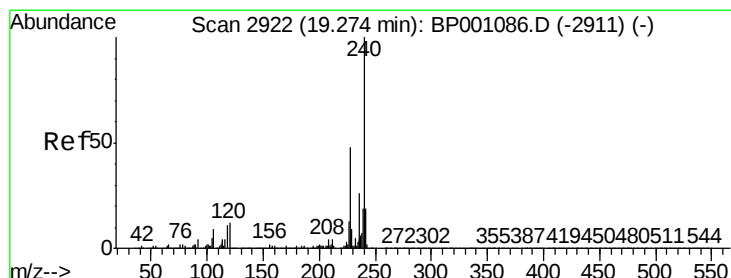
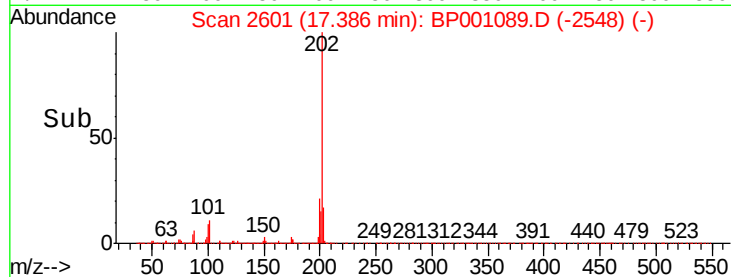
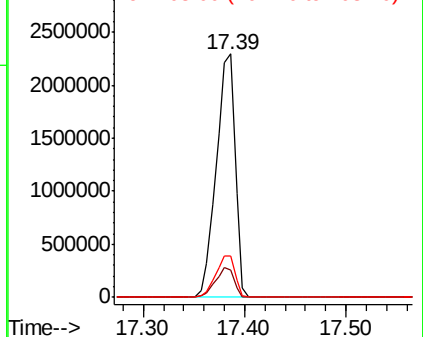


Abundance

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: 19.28 min Scan# 2923

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

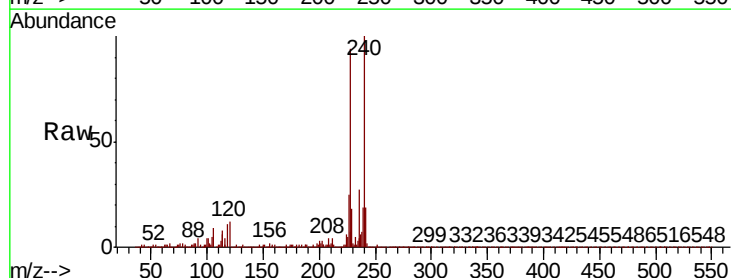
Tgt Ion:240 Resp: 444400

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

236 26.6 20.4 30.6

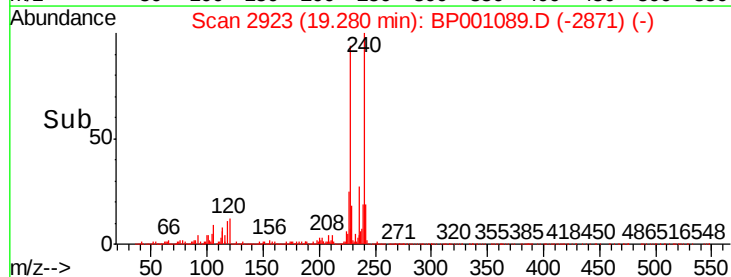
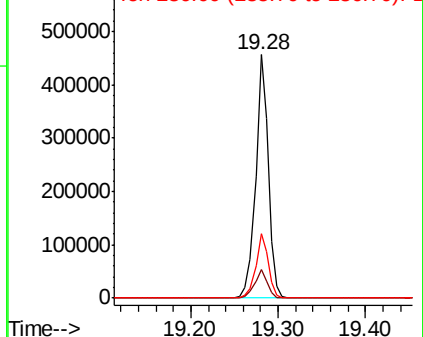


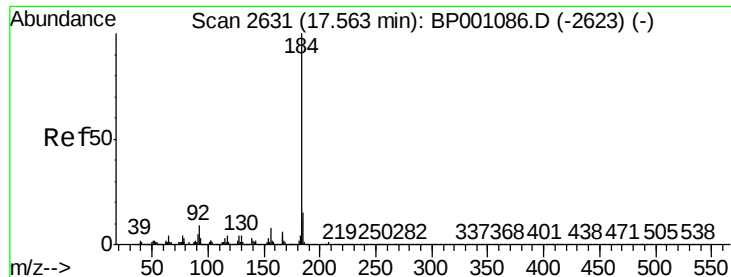
Abundance

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: 40.445 ng

RT: 17.57 min Scan# 2632

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Instrument :

BNA_P

ClientSampleId :

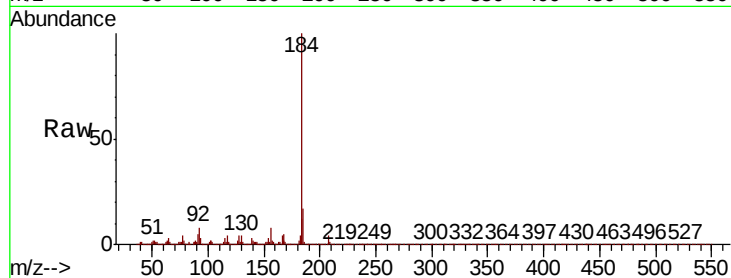
Tot Ion:184 Resp: 661898

Ion Ratio Lower Upper

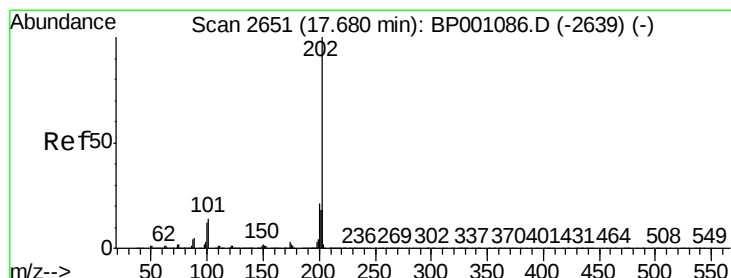
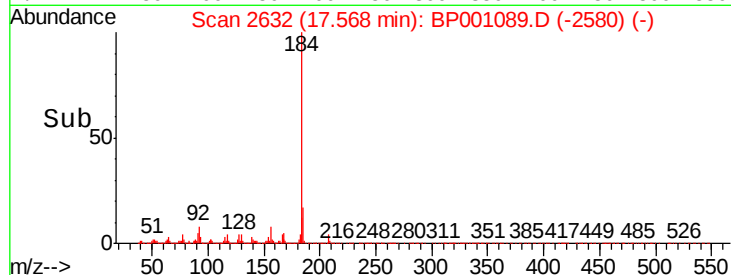
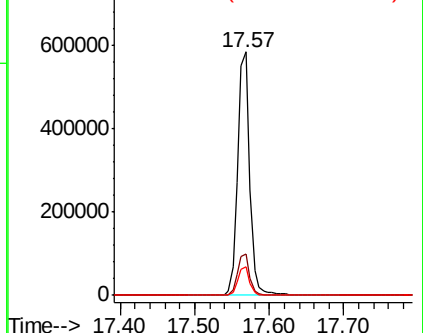
184 100

185 17.1 12.2 18.4

183 11.9 9.3 13.9



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: 94.358 ng

RT: 17.69 min Scan# 2653

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

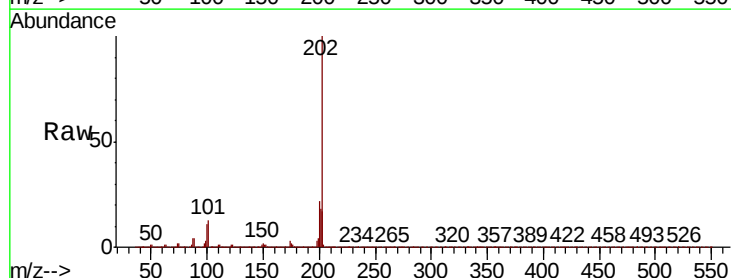
Tgt Ion:202 Resp: 2963423

Ion Ratio Lower Upper

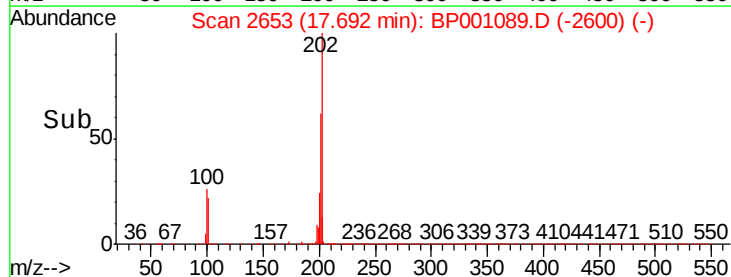
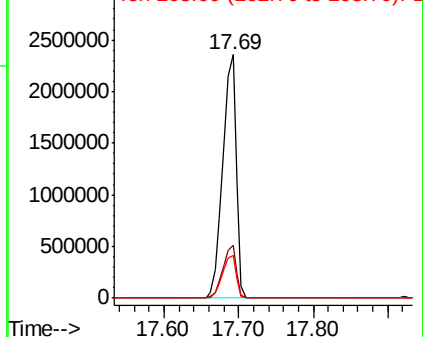
202 100

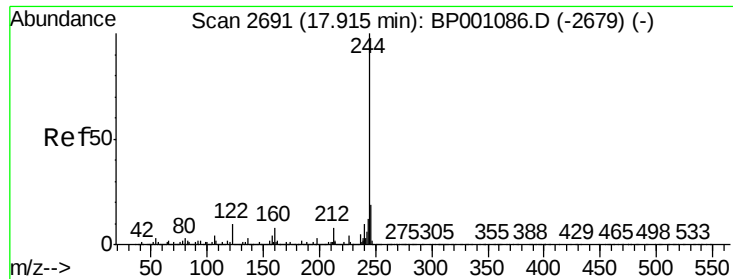
200 21.5 17.0 25.6

203 17.4 14.1 21.1



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: 172.148 ng

RT: 17.92 min Scan# 2692

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Instrument :

BNA_P

ClientSampleId :

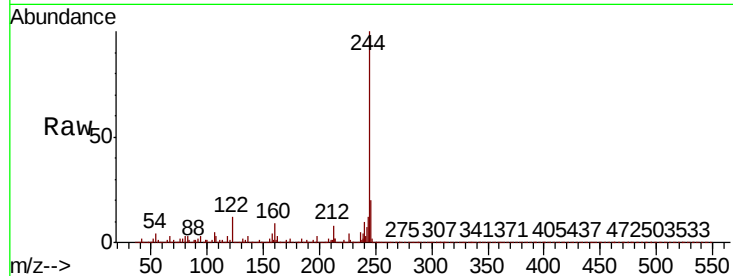
Tot Ion:244 Resp: 3845985

Ion Ratio Lower Upper

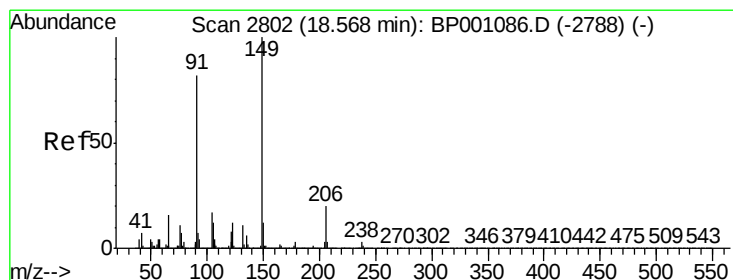
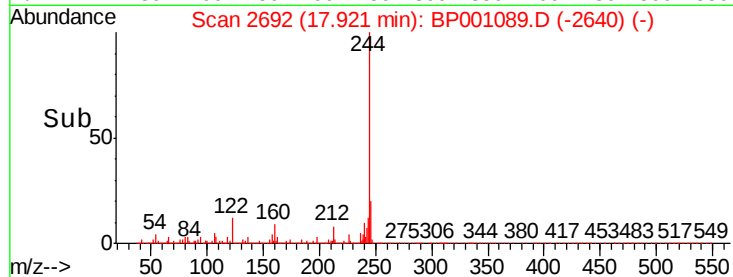
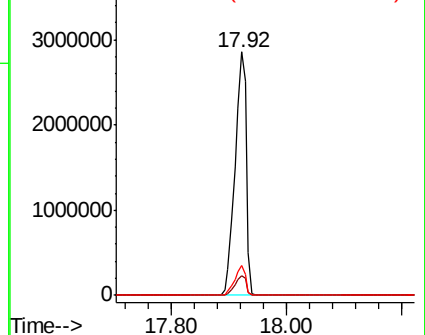
244 100

212 8.3 6.2 9.2

122 12.4 8.2 12.2#



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: 107.135 ng

RT: 18.57 min Scan# 2803

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

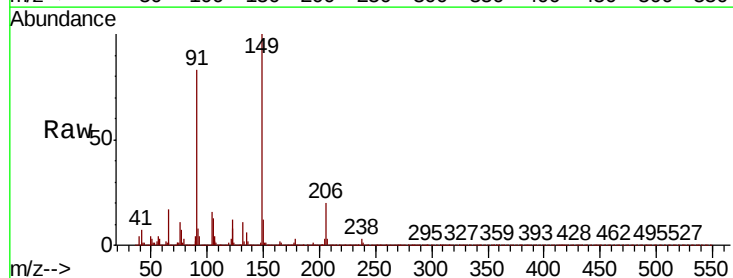
Tgt Ion:149 Resp: 1332295

Ion Ratio Lower Upper

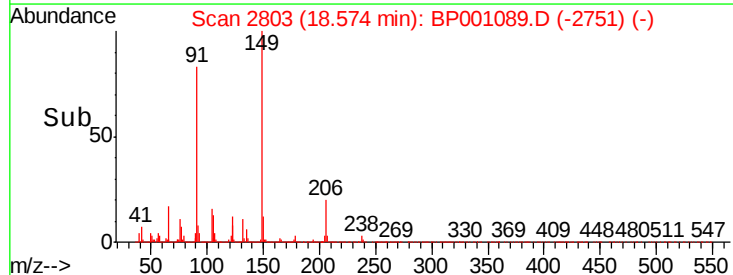
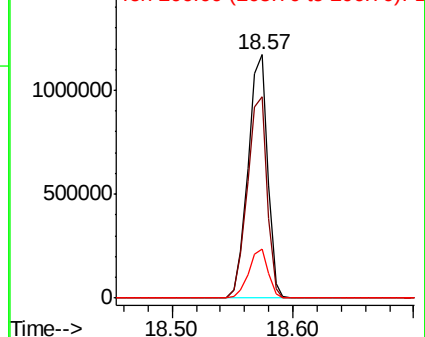
149 100

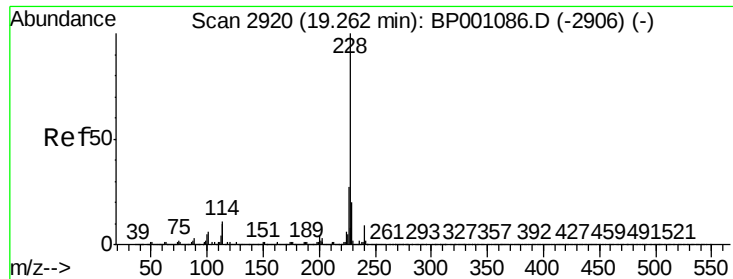
91 82.9 65.4 98.2

206 20.2 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BP0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 81.773 ng

RT: 19.27 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

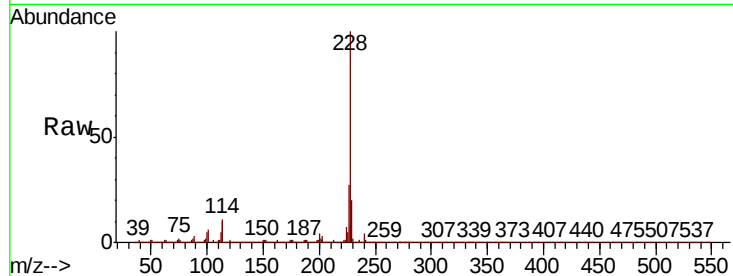
Instrument :

BNA_P

ClientSampleId :

Tot Ion:228 Resp: 2447486

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.6
229	20.0	15.8	23.6

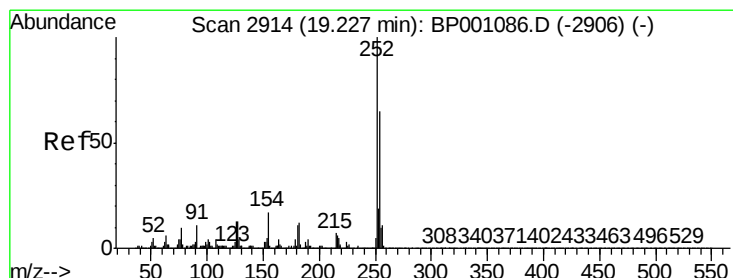
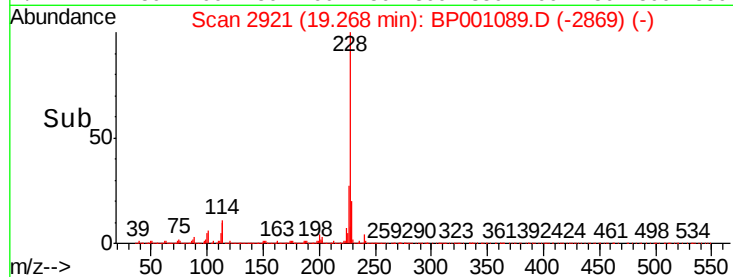
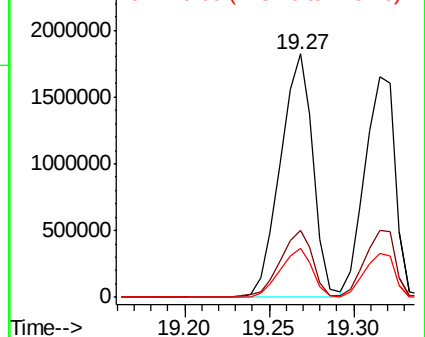


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 69.881 ng

RT: 19.24 min Scan# 2916

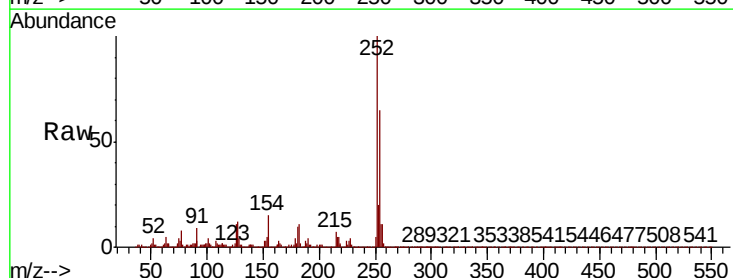
Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Tgt Ion:252 Resp: 762580

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.7	77.5
126	11.2	10.2	15.4

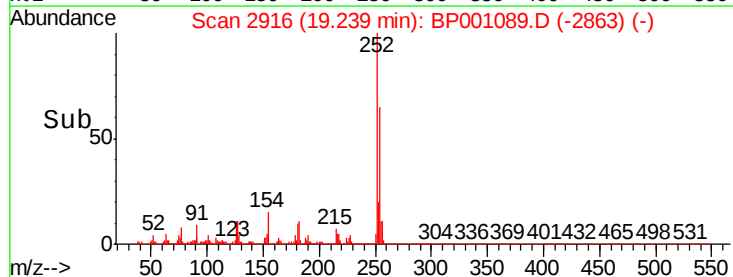
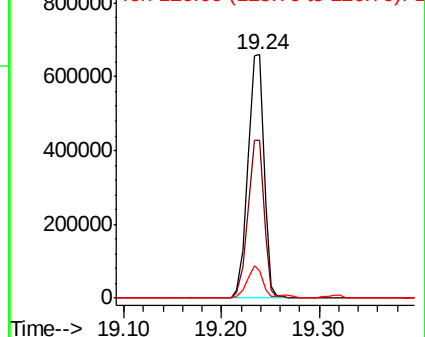


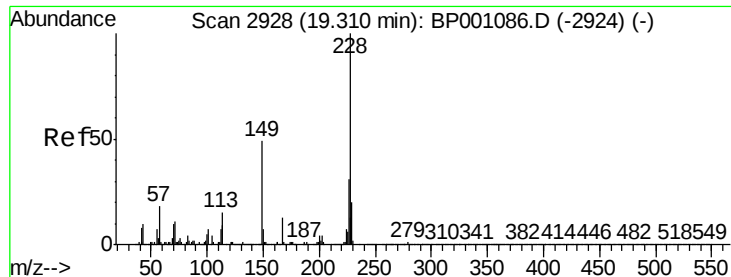
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 79.740 ng

RT: 19.32 min Scan# 2929

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Instrument :

BNA_P

ClientSampled :

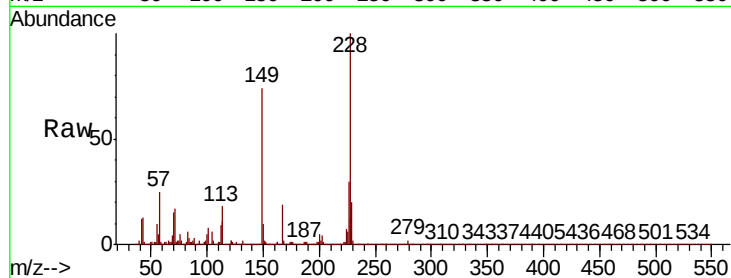
Tot Ion:228 Resp: 2095311

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

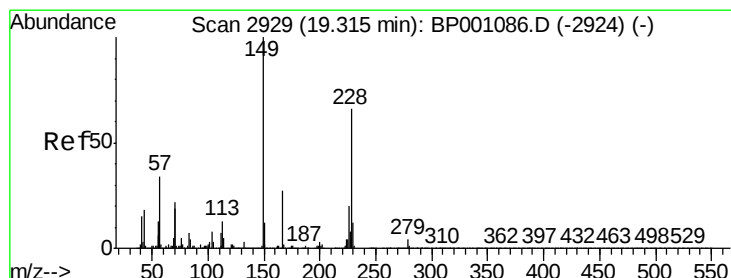
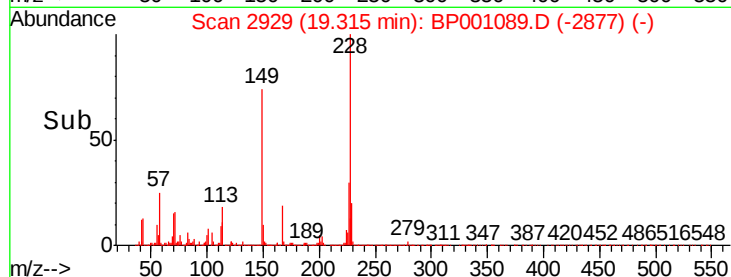
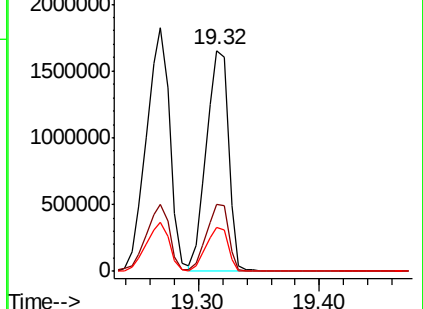
229 19.9 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 104.261 ng

RT: 19.32 min Scan# 2930

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

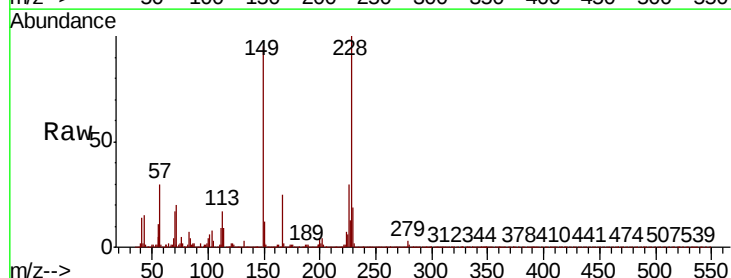
Tgt Ion:149 Resp: 1648517

Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

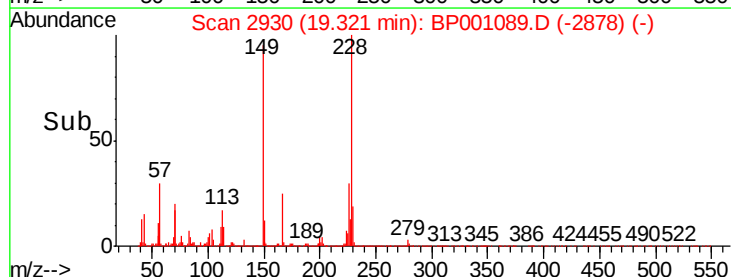
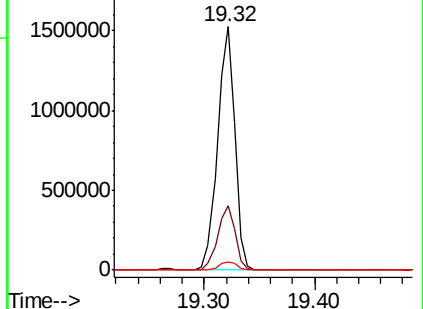
279 3.5 2.8 4.2

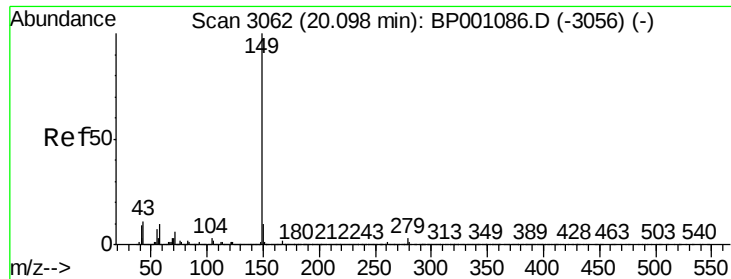


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 104.849 ng

RT: 20.10 min Scan# 3063

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

Instrument :

BNA_P

ClientSampleId :

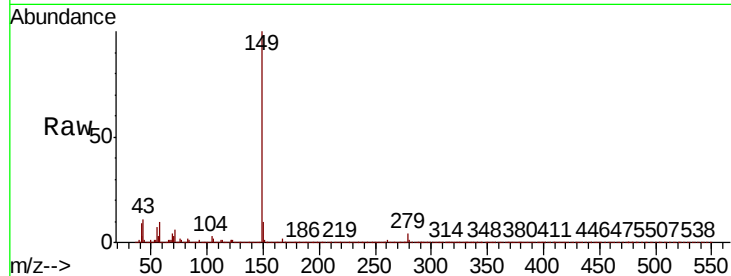
Tot Ion:149 Resp: 2984486

Ion Ratio Lower Upper

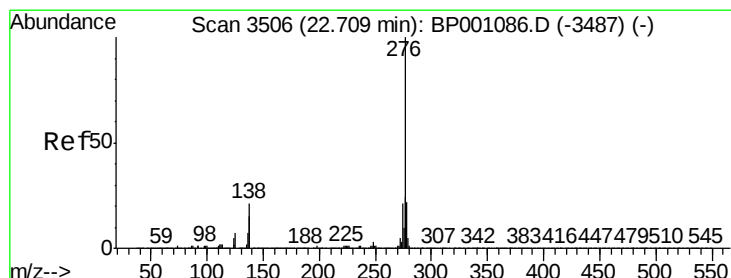
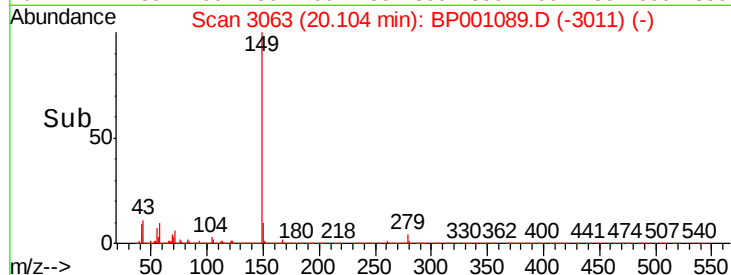
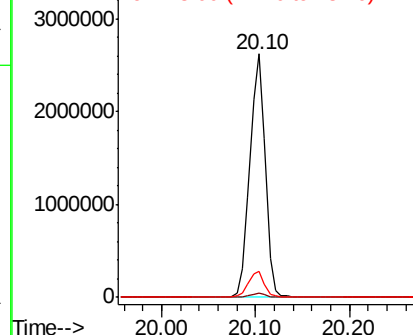
149 100

167 1.5 1.2 1.8

43 11.3 8.5 12.7



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: 74.122 ng

RT: 22.72 min Scan# 3508

Delta R.T. 0.01 min

Lab File: BP001089.D

Acq: 27 Nov 2019 16:28

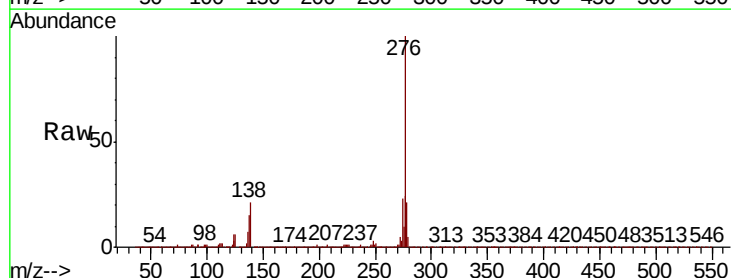
Tgt Ion:276 Resp: 2664955

Ion Ratio Lower Upper

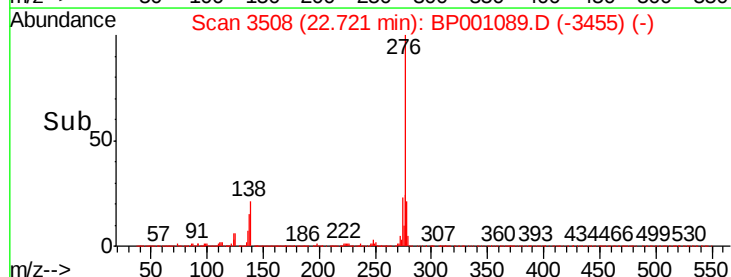
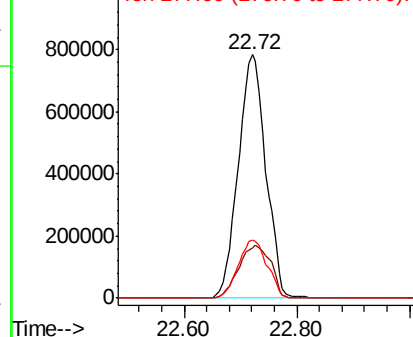
276 100

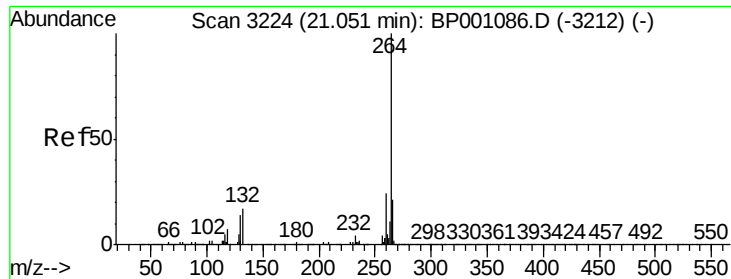
138 25.1 20.6 30.8

277 25.1 20.0 30.0



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



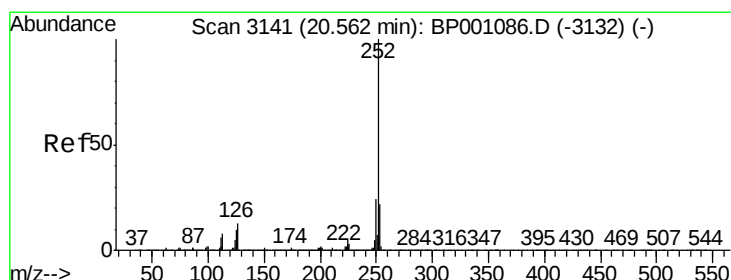
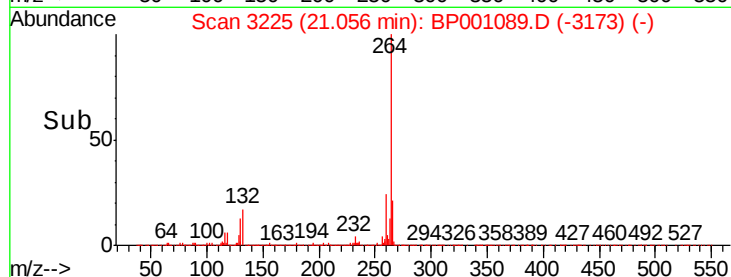
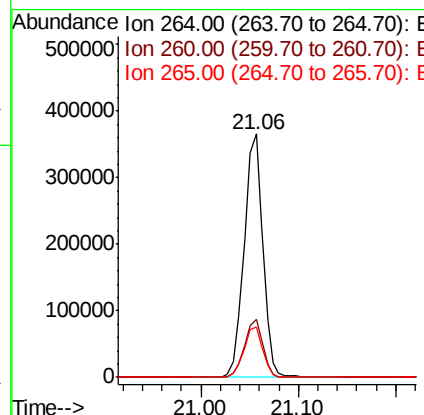
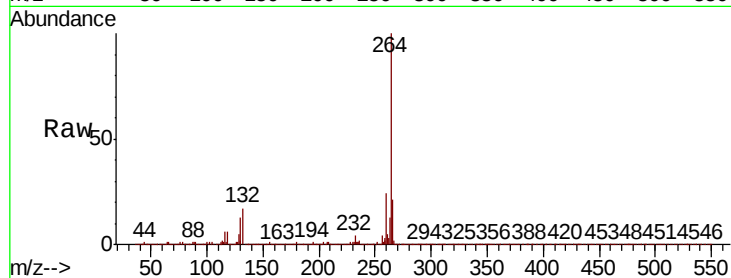


#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3225
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Instrument :
BNA_P
ClientSampled :

Tot Ion:264 Resp: 489169

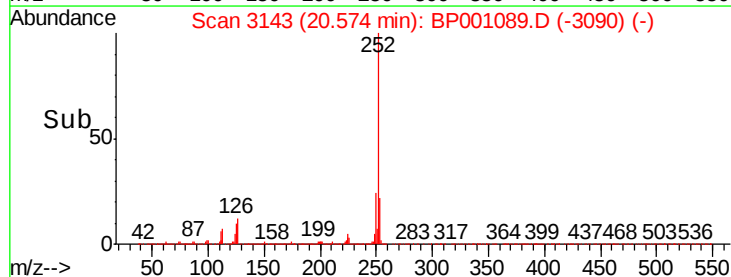
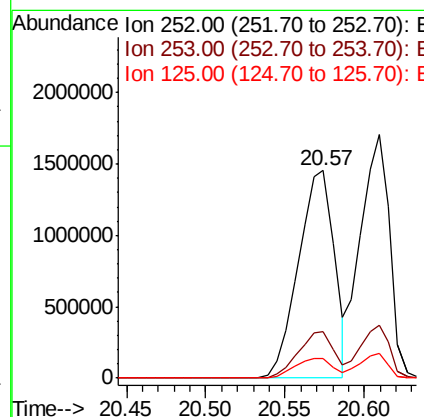
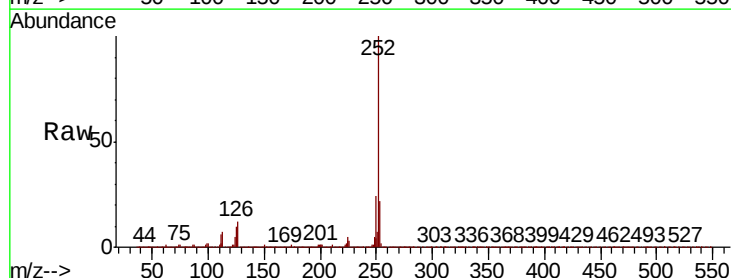
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	20.9	16.9	25.3

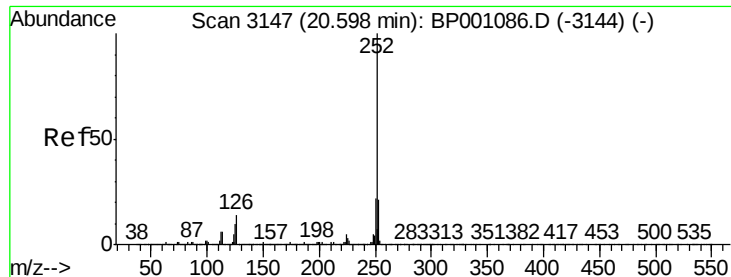


#88
Benzo(b)fluoranthene
Concen: 78.237 ng
RT: 20.57 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion:252 Resp: 2281292

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.5	8.1	12.1

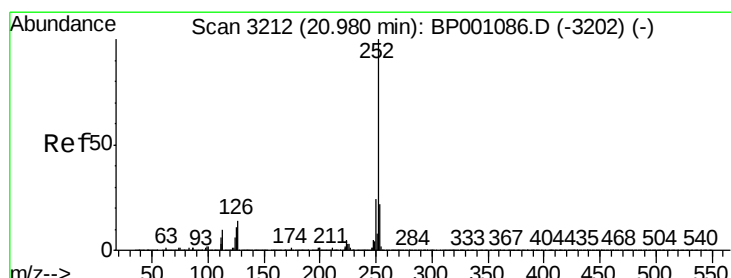
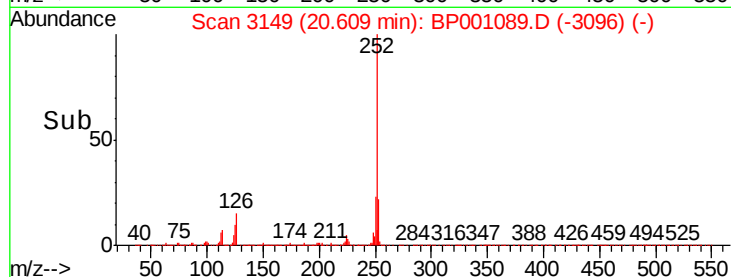
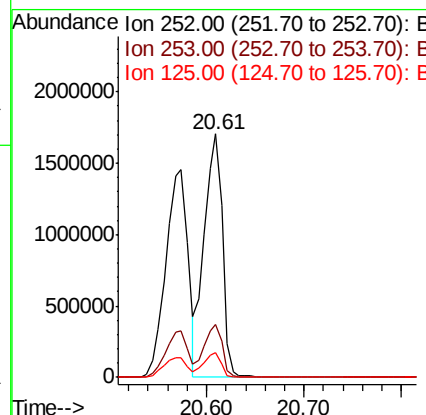
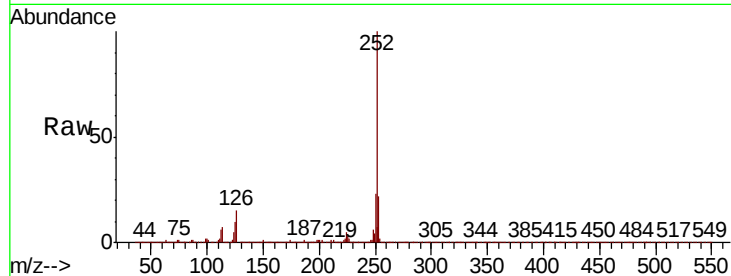




#89
Benzo(k)fluoranthene
Concen: 80.395 ng
RT: 20.61 min Scan# 3149
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

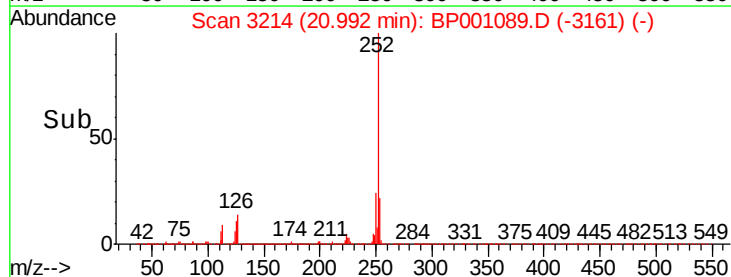
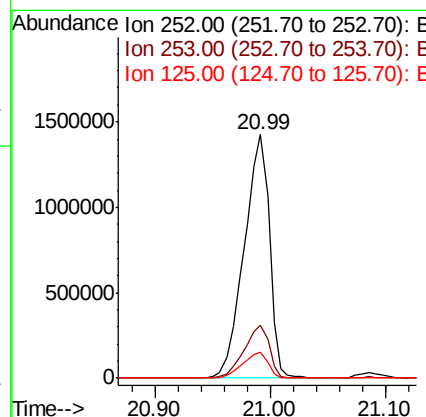
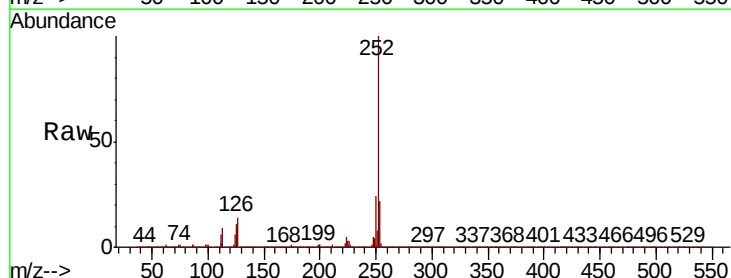
Instrument :
BNA_P
ClientSampleId :

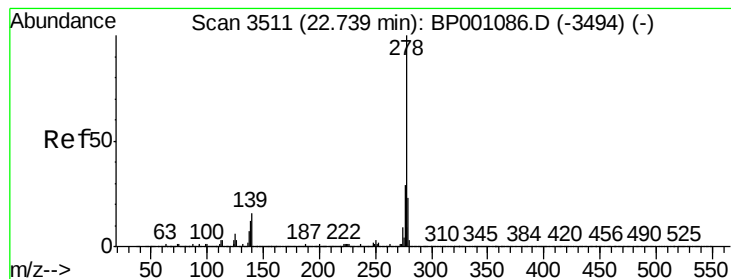
Tot Ion:252 Resp: 2206674
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 10.1 8.2 12.2



#90
Benzo(a)pyrene
Concen: 80.483 ng
RT: 20.99 min Scan# 3214
Delta R.T. 0.01 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion:252 Resp: 2157924
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 10.6 8.7 13.1



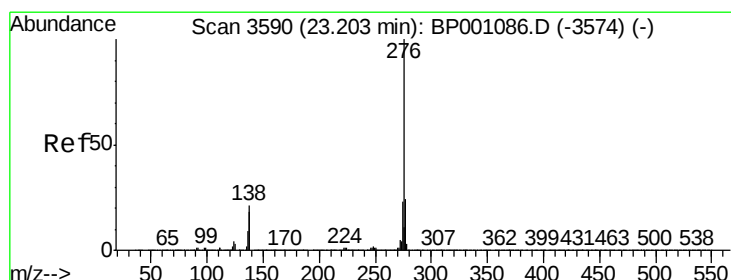
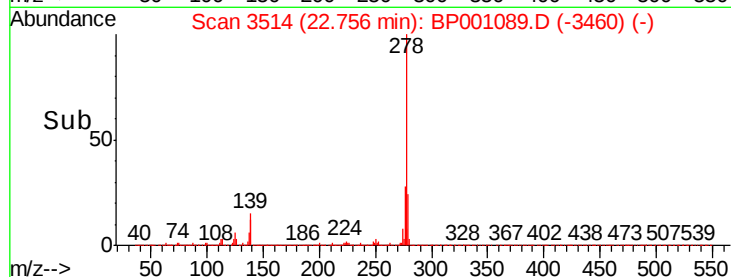
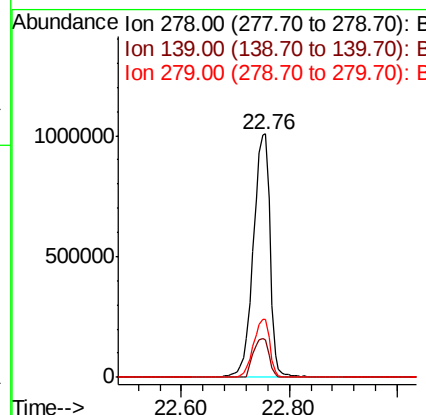
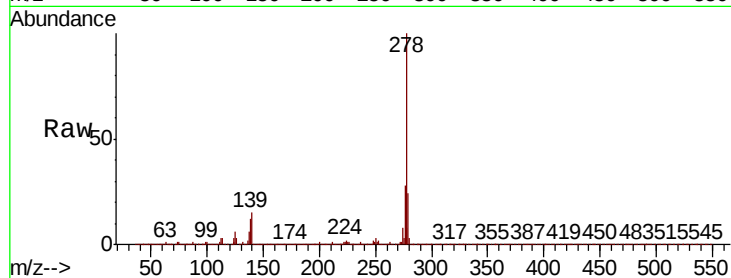


#91
Dibenzo(a,h)anthracene
Concen: 78.879 ng
RT: 22.76 min Scan# 3514
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Instrument :
BNA_P
ClientSampled :

Tot Ion:278 Resp: 2158560

Ion	Ratio	Lower	Upper
278	100		
139	15.3	13.0	19.4
279	23.9	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 78.941 ng
RT: 23.22 min Scan# 3593
Delta R.T. 0.02 min
Lab File: BP001089.D
Acq: 27 Nov 2019 16:28

Tgt Ion:276 Resp: 2175197

Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	22.0	17.2	25.8

