

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099887.D
 Acq On : 27 Oct 2017 20:55
 Operator : SJ/JU
 Sample : PB103711BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103711BS

Manual Integrations
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Sohil
 10/30/2017 6:16:40 PM

Quant Time: Oct 27 23:02:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	92060	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	381589	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	179406	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	322222	20.00	ng	0.00
75) Chrysene-d12	13.99	240	187713	20.00	ng	0.00
86) Perylene-d12	15.46	264	152488	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	513066	87.50	ng	0.01
7) Phenol-d6	6.45	99	602408	86.64	ng	0.00
23) Nitrobenzene-d5	7.36	82	342498	57.79	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	144491	88.38	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	748651	64.38	ng	0.00
78) Terphenyl-d14	12.92	244	618630	72.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	65616	25.340	ng	# 90
3) Pyridine	3.38	79	158485	25.451	ng	# 86
4) n-Nitrosodimethylamine	3.31	42	59030	26.535	ng	# 73
6) Aniline	6.46	93	128888	14.297	ng	# 53
8) 2-Chlorophenol	6.59	128	191655	30.667	ng	92
9) Benzaldehyde	6.35	77	88467	21.293	ng	93
10) Phenol	6.46	94	222686	29.171	ng	99
11) bis(2-Chloroethyl)ether	6.53	93	170204	28.873	ng	93
12) 1,3-Dichlorobenzene	6.73	146	201518	28.718	ng	96
13) 1,4-Dichlorobenzene	6.81	146	203262	28.541	ng	97
14) 1,2-Dichlorobenzene	6.96	146	188883	29.100	ng	96
15) Benzyl Alcohol	6.95	79	132920	30.061	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	215486	32.907	ng	# 39
17) 2-Methylphenol	7.06	107	149813	28.658	ng	# 93
18) Hexachloroethane	7.30	117	68351	28.767	ng	99
19) n-Nitroso-di-n-propylamine	7.21	70	117819	28.916	ng	90
20) 3+4-Methylphenols	7.22	107	205991	33.841	ng	# 83
22) Acetophenone	7.21	105	251010	28.890	ng	# 94
24) Nitrobenzene	7.38	77	174329	29.191	ng	92
25) Isophorone	7.62	82	330417	30.722	ng	95
26) 2-Nitrophenol	7.70	139	105687	30.898	ng	# 85
27) 2,4-Dimethylphenol	7.74	122	166213	32.980	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	222403	29.527	ng	100
29) 2,4-Dichlorophenol	7.95	162	164798	31.477	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	163299	29.192	ng	97
31) Naphthalene	8.10	128	537575	29.185	ng	99
32) Benzoic acid	7.90	122	99724	22.480	ng	92
33) 4-Chloroaniline	8.16	127	84266	11.079	ng	96
34) Hexachlorobutadiene	8.20	225	81024	28.159	ng	96
35) Caprolactam	8.55	113	50007	30.373	ng	# 77
36) 4-Chloro-3-methylphenol	8.66	107	161064	30.141	ng	89
37) 2-Methylnaphthalene	8.79	142	379722	30.762	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	155442	26.826	ng	97
40) Hexachlorocyclopentadiene	8.94	237	56778	54.087	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	109559	31.259	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	112178	30.161	nq	95
45) 1,1'-Biphenyl	9.26	154	449566	27.700	nq	99
46) 2-Chloronaphthalene	9.29	162	350314	29.721	nq	95
47) 2-Nitroaniline	9.40	65	90468	29.244	nq	# 82
48) Acenaphthylene	9.70	152	526637	29.010	nq	99
49) Dimethylphthalate	9.56	163	410120	28.867	nq	99
50) 2,6-Dinitrotoluene	9.63	165	90053	30.151	nq	93
51) Acenaphthene	9.87	154	315144	28.411	nq	99
52) 3-Nitroaniline	9.81	138	67284	19.119	nq	91
53) 2,4-Dinitrophenol	9.93	184	50956	45.860	nq	# 84
54) Dibenzofuran	10.05	168	471808	30.133	nq	99
55) 4-Nitrophenol	10.00	139	96866	52.679	nq	# 76
56) 2,4-Dinitrotoluene	10.05	165	113816	31.643	nq	90
57) Fluorene	10.39	166	385215	29.714	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	83723	32.105	nq	# 92
59) Diethylphthalate	10.26	149	402818	29.033	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	176986	29.008	nq	90
61) 4-Nitroaniline	10.43	138	89212	26.570	nq	82
62) Azobenzene	10.54	77	344557	29.626	nq	91
64) 4,6-Dinitro-2-methylphenol	10.47	198	44090	21.767	nq	# 72
65) n-Nitrosodiphenylamine	10.50	169	340968	28.666	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	103787	30.596	nq	93
67) Hexachlorobenzene	10.95	284	102715	29.597	nq	93
68) Atrazine	11.03	200	103266	28.902	nq	99
69) Pentachlorophenol	11.15	266	77831	52.485	nq	97
70) Phenanthrene	11.36	178	534574	29.397	nq	98
71) Anthracene	11.41	178	558909	30.280	nq	99
72) Carbazole	11.57	167	485149	27.950	nq	99
73) Di-n-butylphthalate	11.89	149	637814	28.809	nq	# 98
74) Fluoranthene	12.55	202	530419	28.068	nq	99
76) Benzidine	12.68	184	133163	16.212	nq	98
77) Pyrene	12.78	202	523997	36.711	nq	99
79) Butylbenzylphthalate	13.39	149	226952	32.289	nq	94
80) Benzo(a)anthracene	13.97	228	355754	29.896	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	87980	20.368	nq	98
82) Chrysene	14.02	228	329472	29.450	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	295076	29.895	nq	97
84) Di-n-octyl phthalate	14.56	149	425105	25.093	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.95	276	319919	31.150	nq	97
87) Benzo(b)fluoranthene	15.03	252	286215m	29.725	nq	
88) Benzo(k)fluoranthene	15.06	252	256658	28.267	nq	98
89) Benzo(a)pyrene	15.40	252	269223	31.126	nq	# 97
90) Dibenzo(a,h)anthracene	16.94	278	270177	35.154	nq	97
91) Benzo(g,h,i)perylene	17.40	276	282618	37.586	nq	98

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

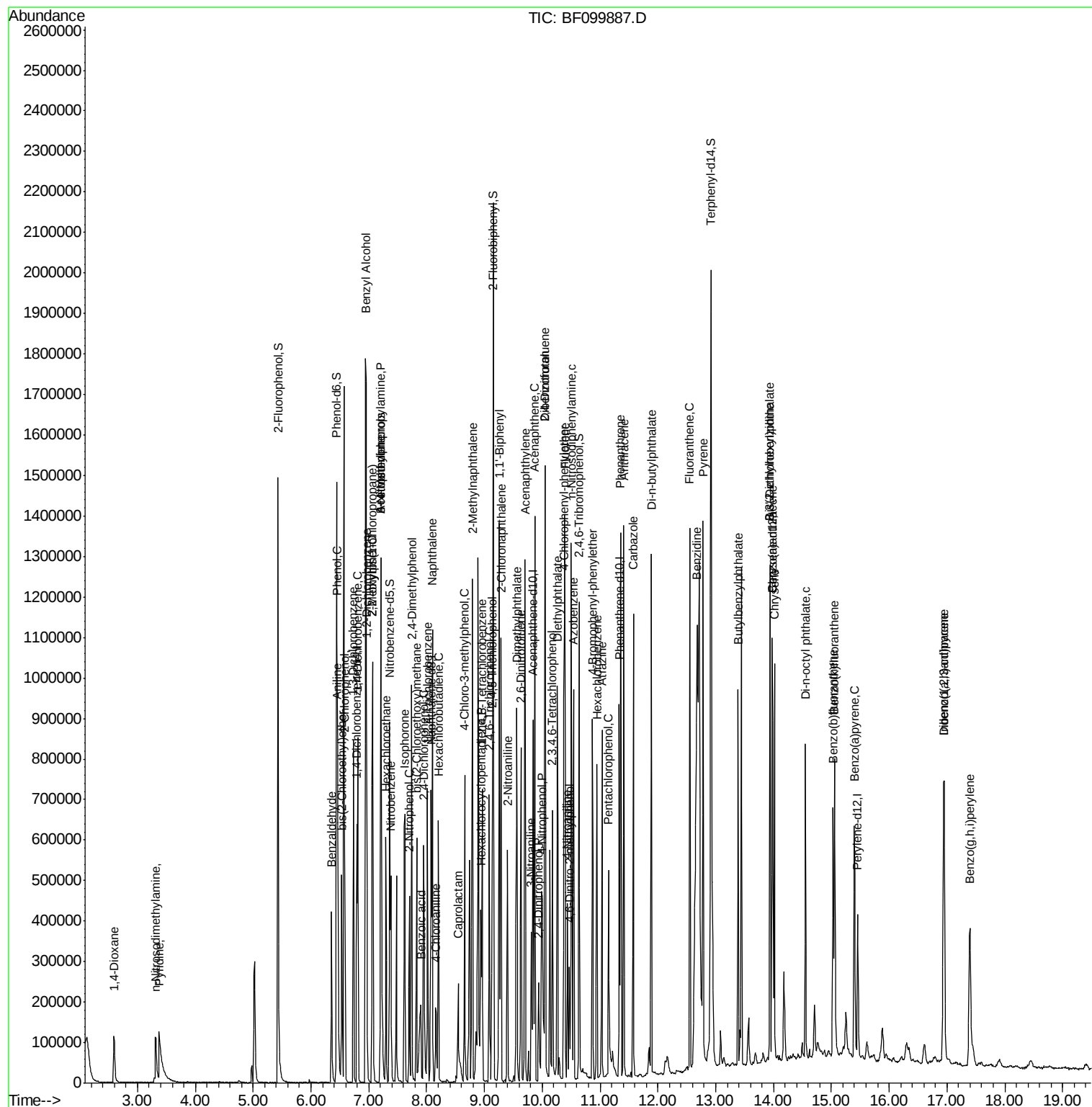
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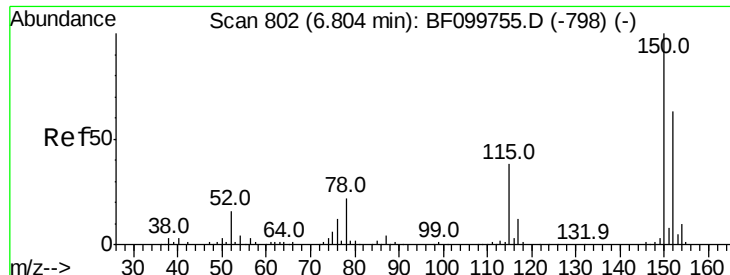
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#1

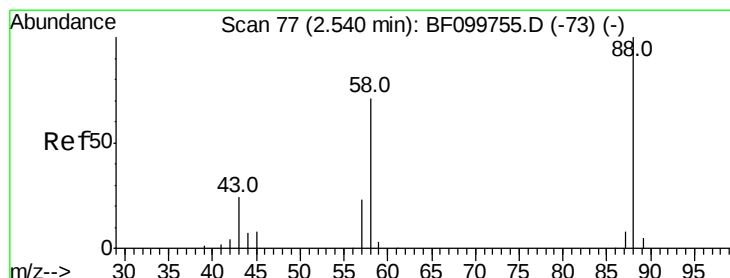
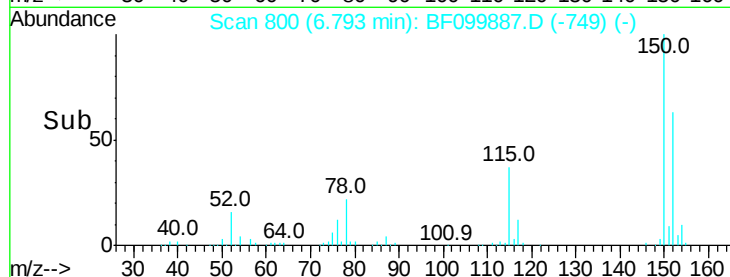
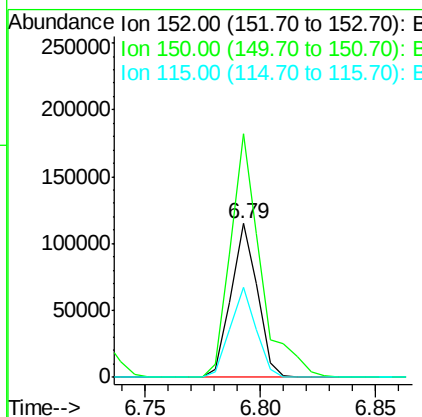
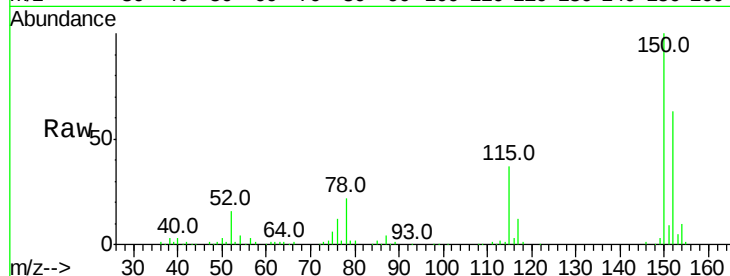
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	58.8	50.1	75.1

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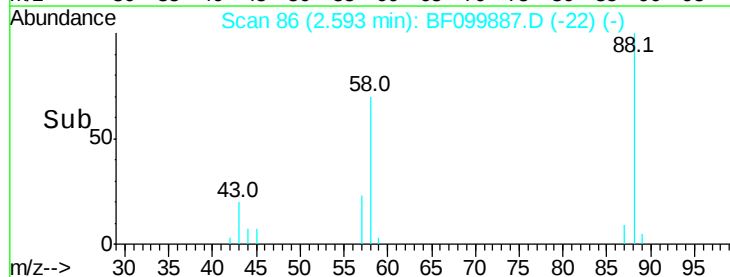
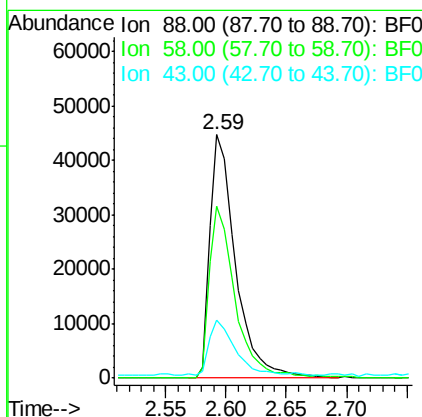
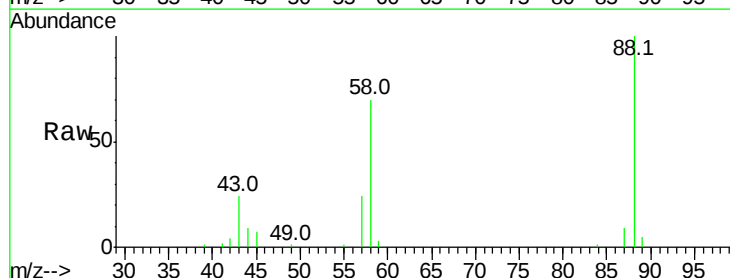
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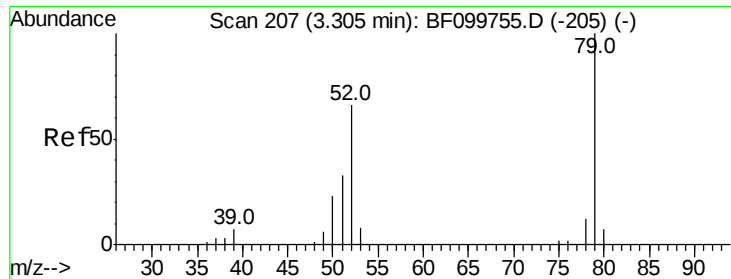


#2

1,4-Dioxane
Concen: 25.340 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.08 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.6	62.6	93.8
43	21.7	24.6	37.0





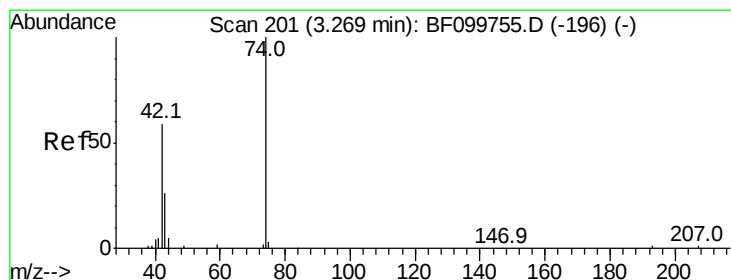
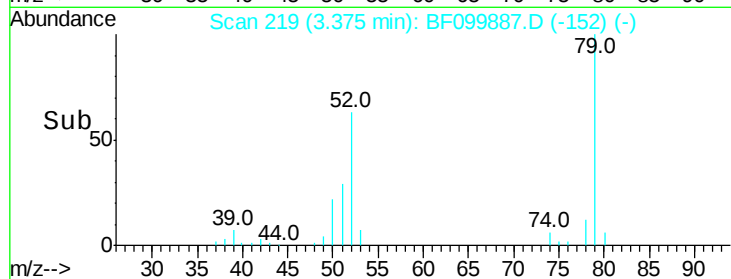
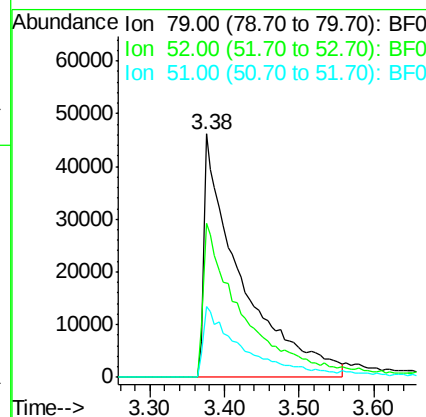
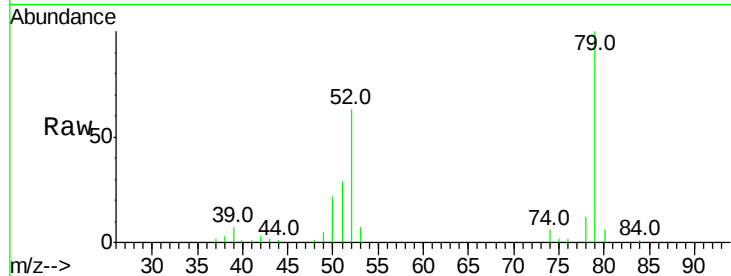
#3
 Pvridine
 Concen: 25.451 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.09 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB103711BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	63.1	59.8	89.6		
51	29.0	29.8	44.8#		

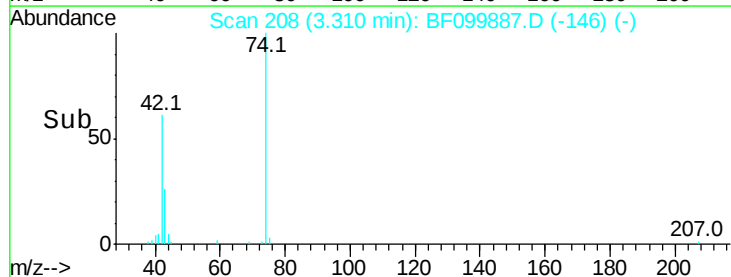
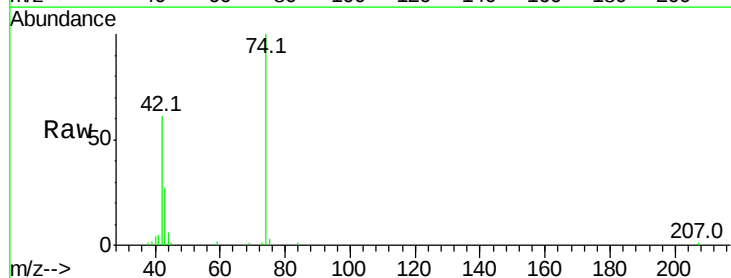
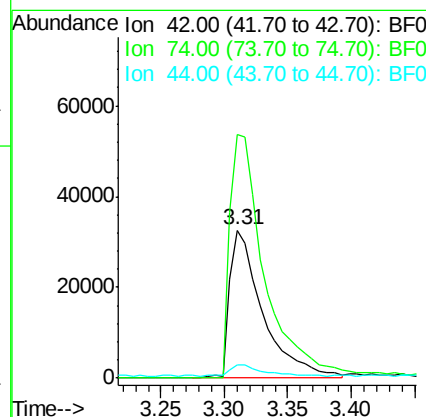
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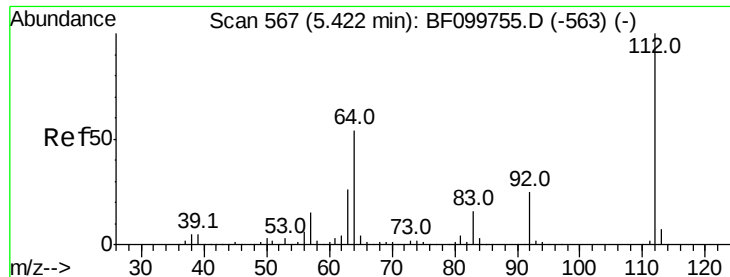
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#4
 n-Nitrosodimethylamine
 Concen: 26.535 ng
 RT: 3.31 min Scan# 208
 Delta R.T. 0.06 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	164.4	104.9	157.3#		
44	9.4	6.9	10.3		





#5

2-Fluorophenol

Concen: 87.497 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Instrument :

BNA_F

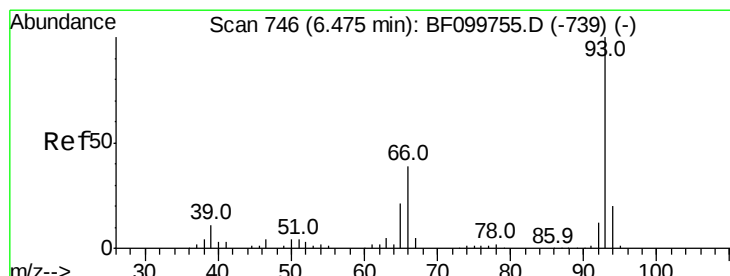
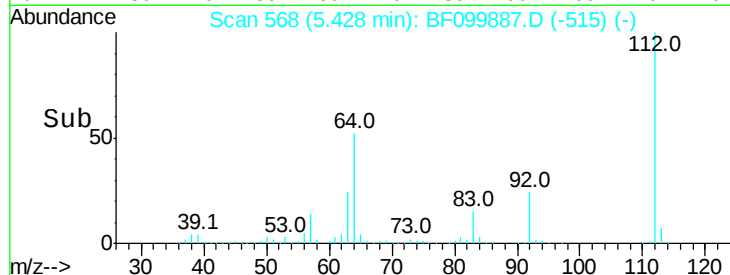
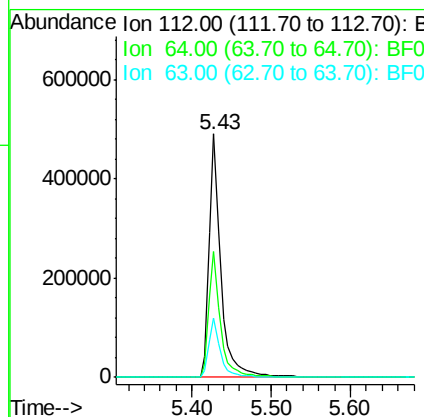
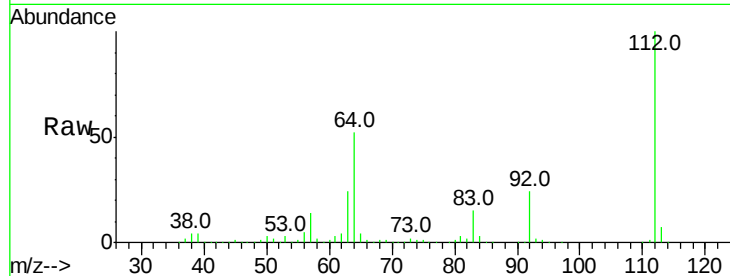
ClientSampleId :

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Tot Ion:	112	Resp:	513066
Ion Ratio		Lower	Upper
112	100		
64	51.9	47.9	71.9
63	24.3	23.7	35.5

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#6

Aniline

Concen: 14.297 ng

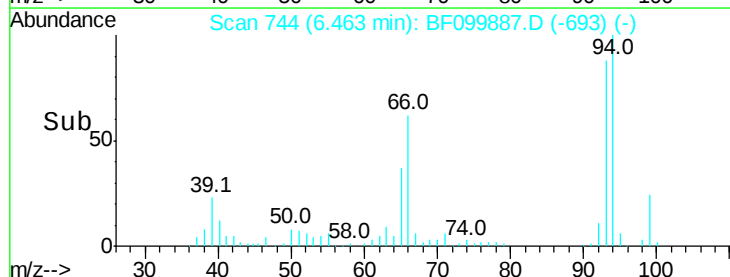
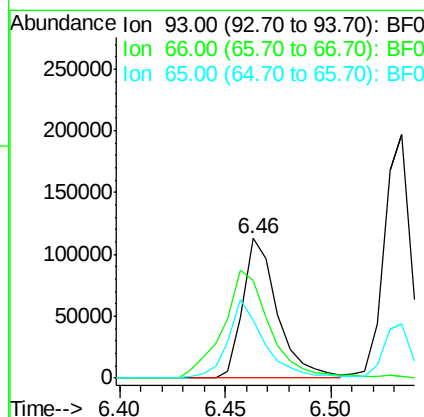
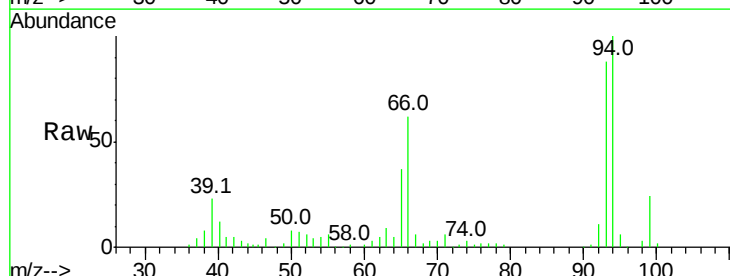
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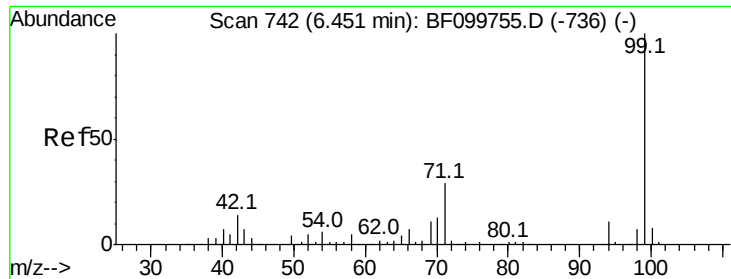
Delta R.T. 0.00 min

Lab File: BF099887.D

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Tgt Ion:	93	Resp:	128888
Ion Ratio		Lower	Upper
93	100		
66	69.9	32.2	48.2#
65	41.5	16.4	24.6#





#7

Phenol-d6

Concen: 86.642 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Instrument :

BNA_F

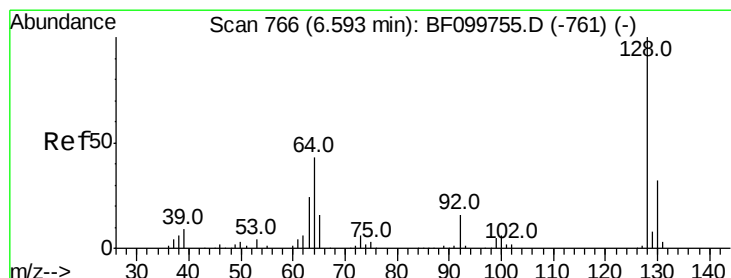
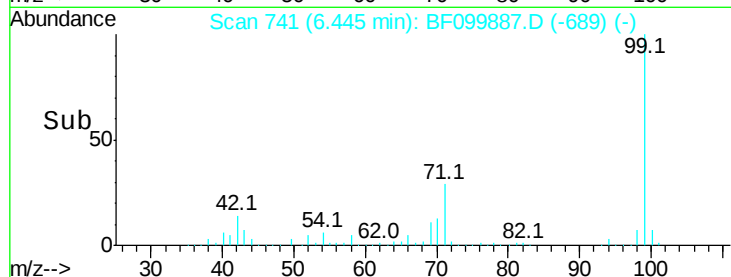
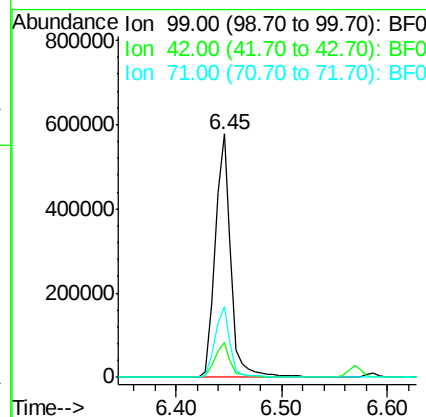
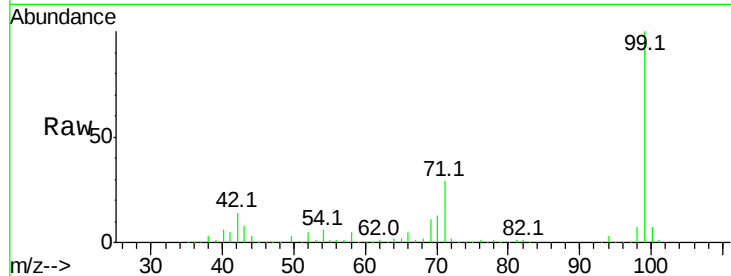
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Tot Ion	Ratio	Resp	Lower	Upper
99	100	602408		
42	14.1		14.5	21.7#
71	28.9		25.4	38.0

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#8

2-Chlorophenol

Concen: 30.667 ng

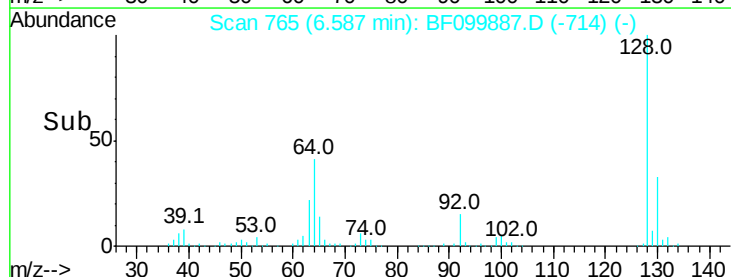
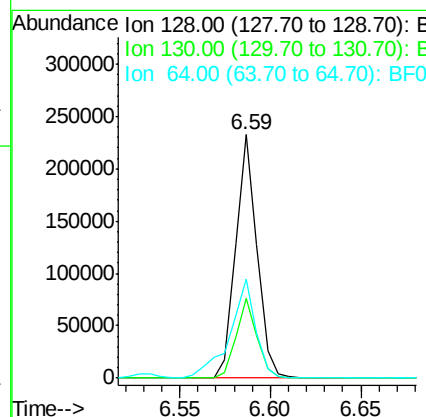
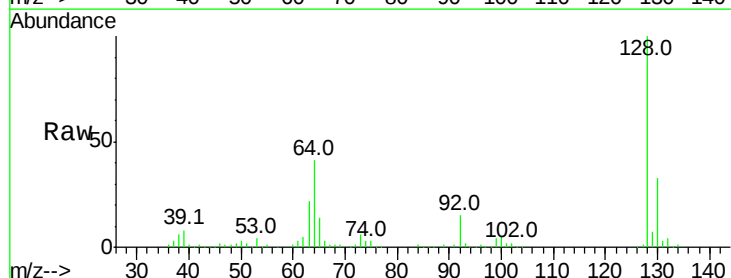
RT: 6.59 min Scan# 765

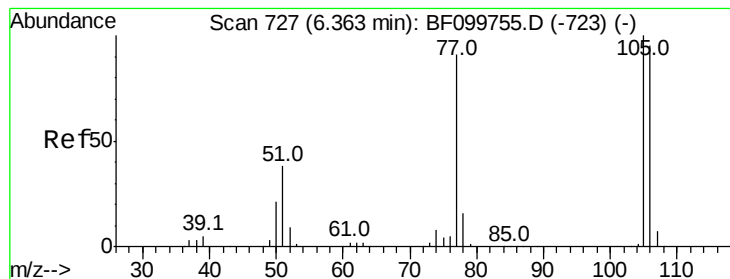
Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	191655		
130	32.9		13.0	53.0
64	40.6		29.4	69.4





#9

Benzaldehyde

Concen: 21.293 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF099887.D

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Instrument :

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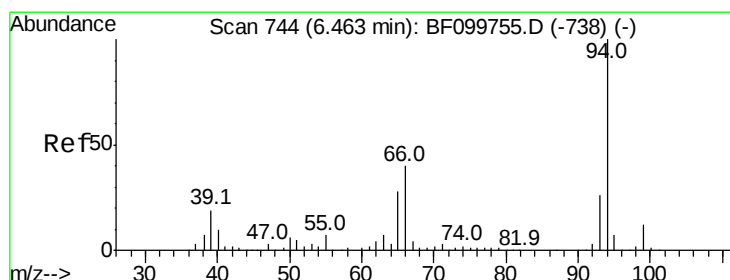
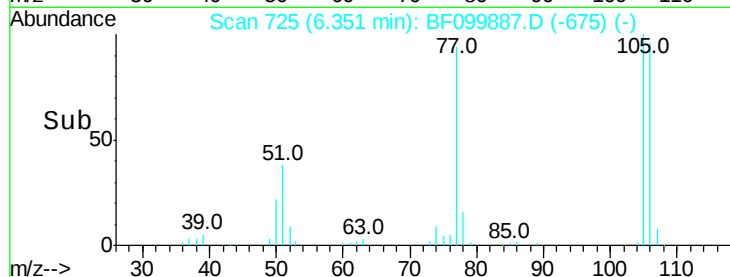
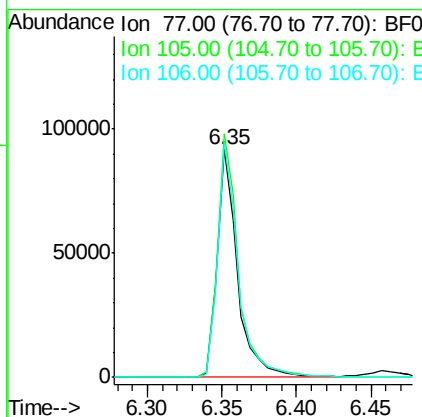
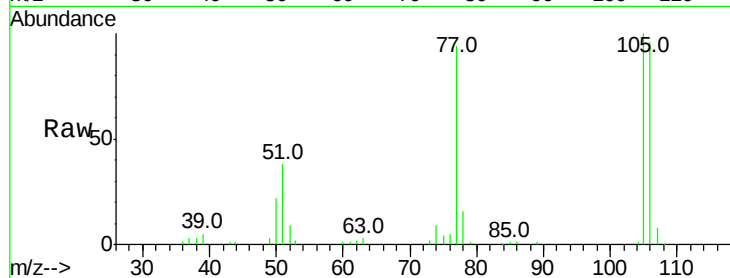
ClientSampleId :

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Tot Ion: 77 Resp: 88467
 Ion Ratio Lower Upper
 77 100
 105 106.7 81.1 121.1
 106 102.7 74.5 114.5

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#10

Phenol

Concen: 29.171 ng

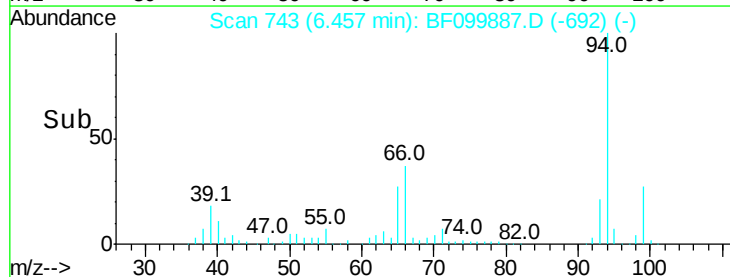
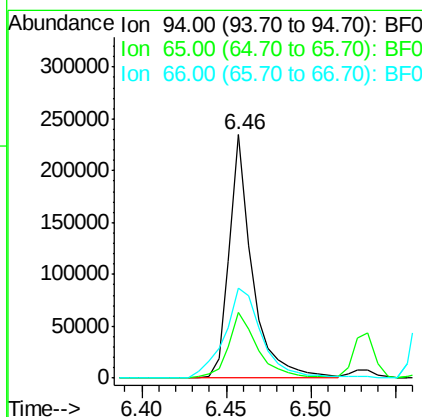
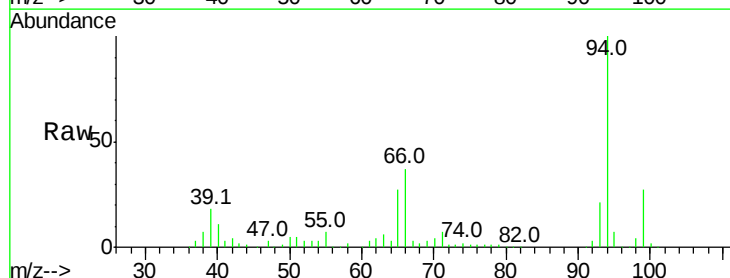
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Tgt Ion: 94 Resp: 222686
 Ion Ratio Lower Upper
 94 100
 65 27.3 7.9 47.9
 66 37.2 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 28.873 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Instrument :

BNA_F

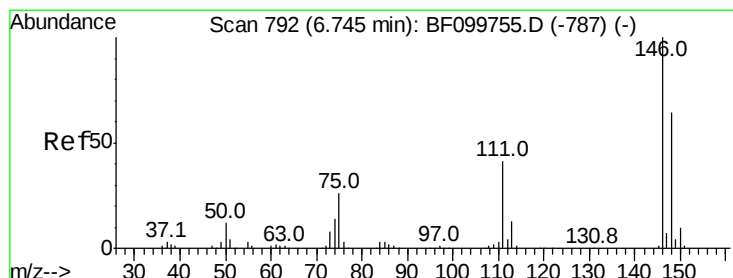
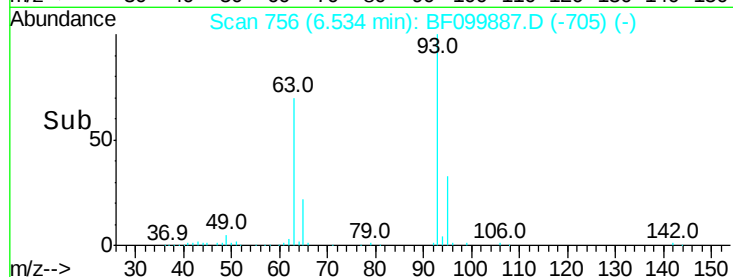
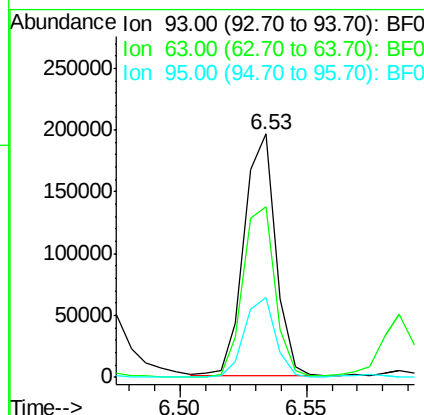
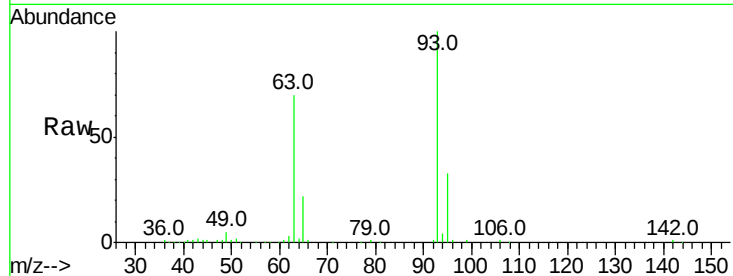
ClientSampled :

PB103711BS

Tot Ion:	93	Resp:	170204
Ion	Ratio	Lower	Upper
93	100		
63	70.0	58.6	98.6
95	32.5	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 28.718 ng

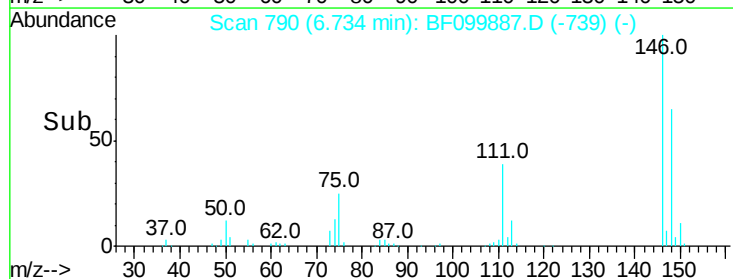
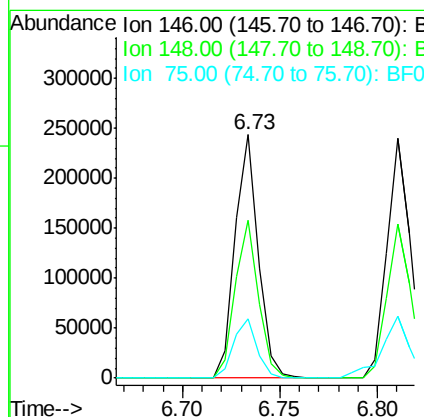
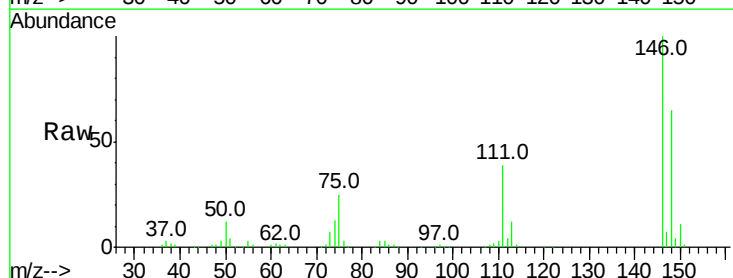
RT: 6.73 min Scan# 790

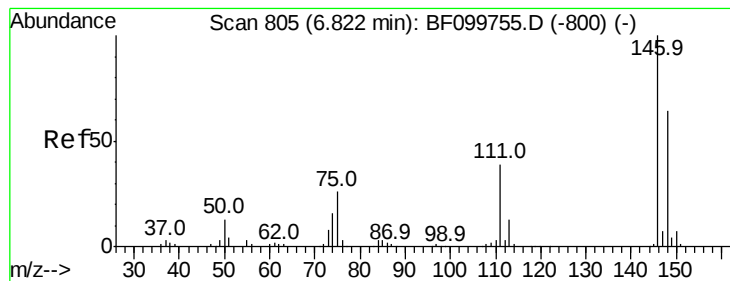
Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Tgt Ion:	146	Resp:	201518
Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
75	24.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 28.541 ng

RT: 6.81 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Instrument :

BNA_F

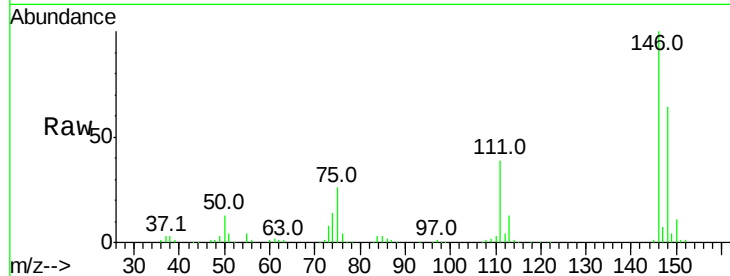
ClientSampleId :

PB103711BS

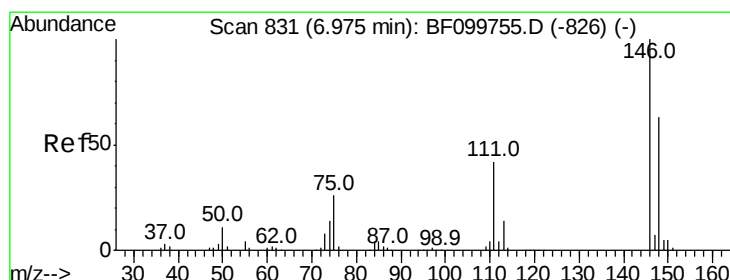
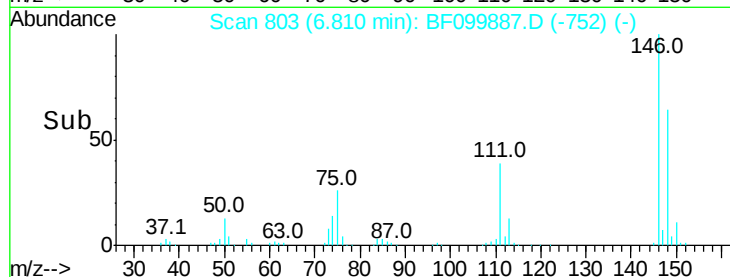
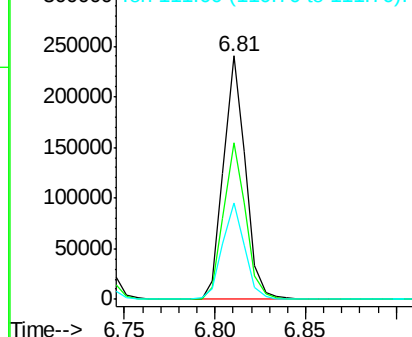
Tot Ion:	146	Resp:	203262
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.8	76.2
111	39.3	34.2	51.2

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



#14

1,2-Dichlorobenzene

Concen: 29.100 ng

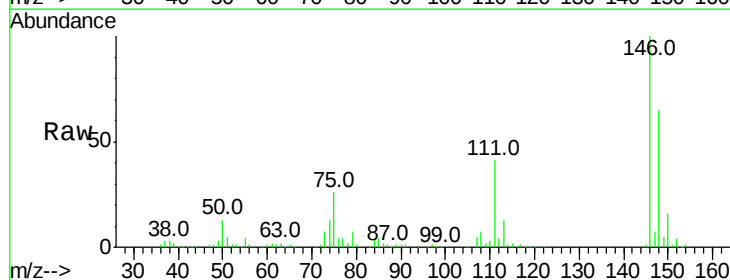
RT: 6.96 min Scan# 829

Delta R.T. -0.01 min

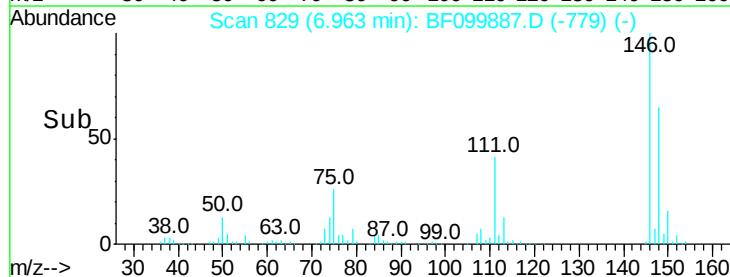
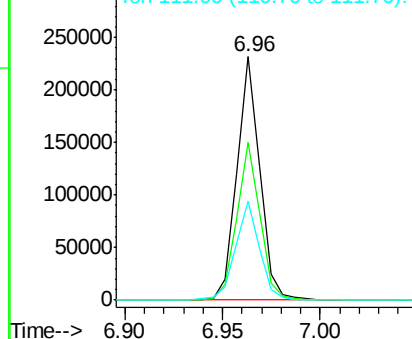
Lab File: BF099887.D

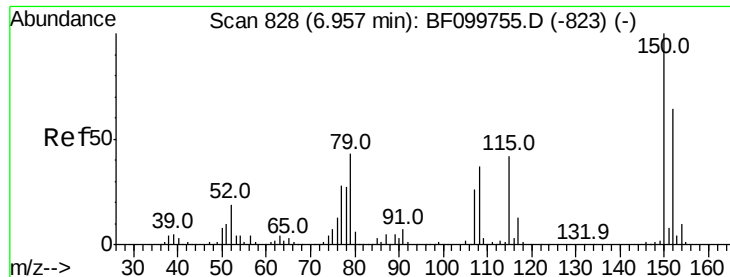
Acq: 27 Oct 2017 20:55

Tgt Ion:	146	Resp:	188883
Ion Ratio	Lower	Upper	
146	100		
148	65.0	50.6	75.8
111	40.7	36.0	54.0



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





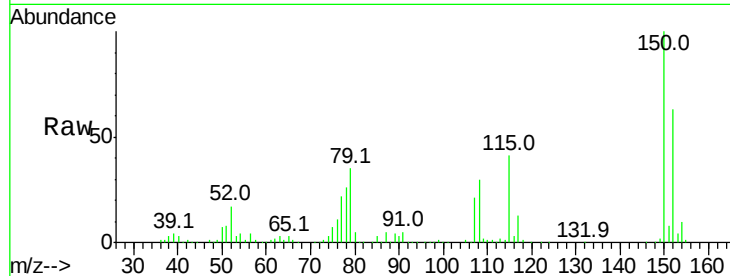
#15
Benzyl Alcohol
Concen: 30.061 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampled :
PB103711BS

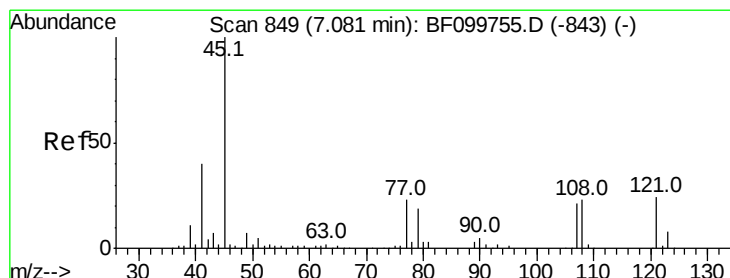
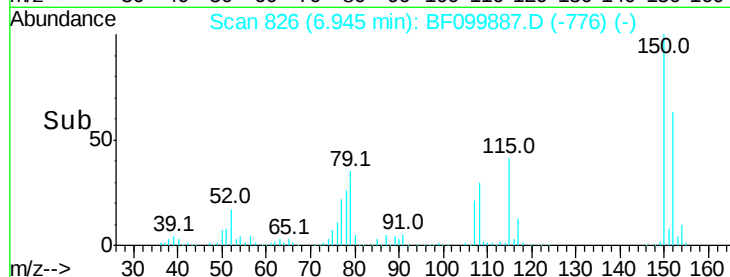
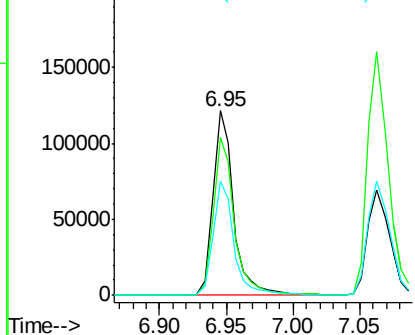
Tot Ion	Ratio	Lower	Upper
79	100		
108	85.4	65.1	97.7
77	61.9	50.6	75.8

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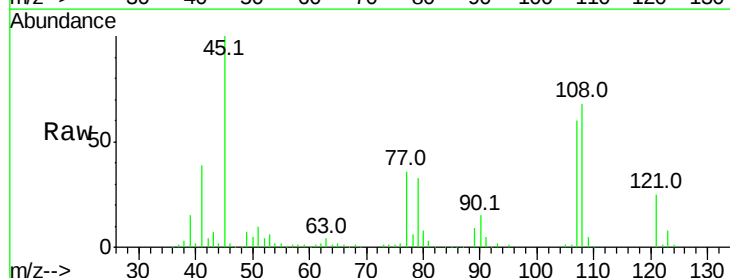


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

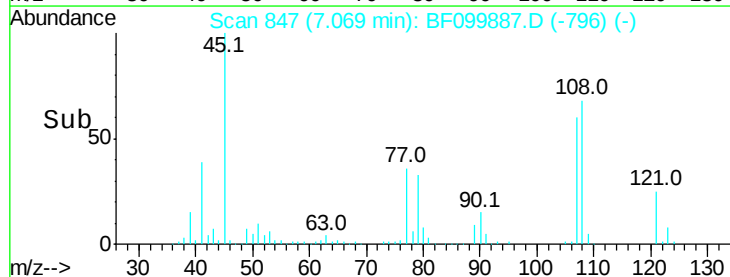
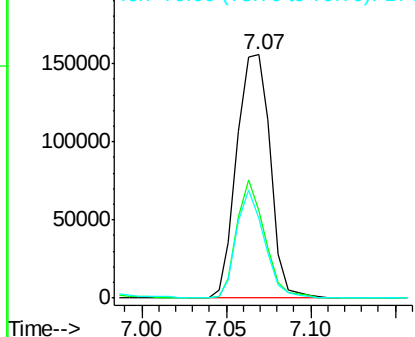


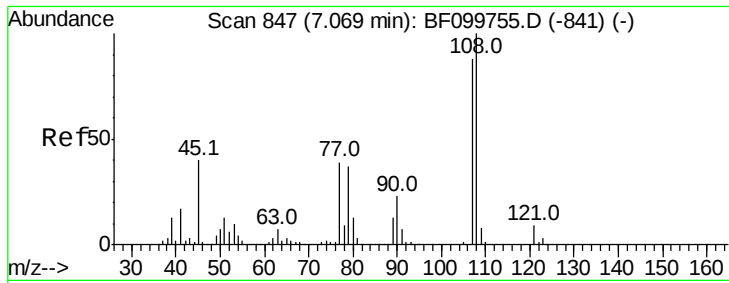
#16
2,2'-oxybis(1-chloropropane)
Concen: 32.907 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	36.1	0.0	32.9#
79	32.9	0.0	29.6#



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





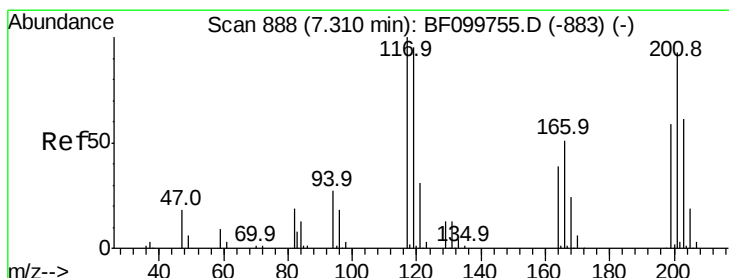
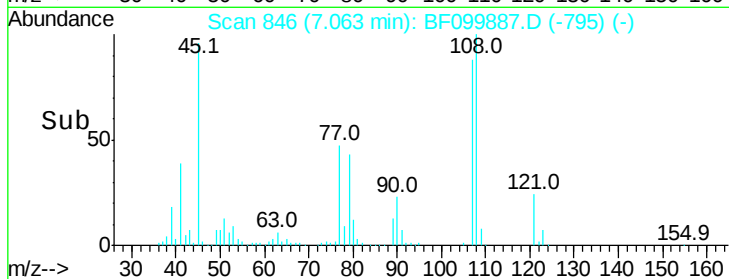
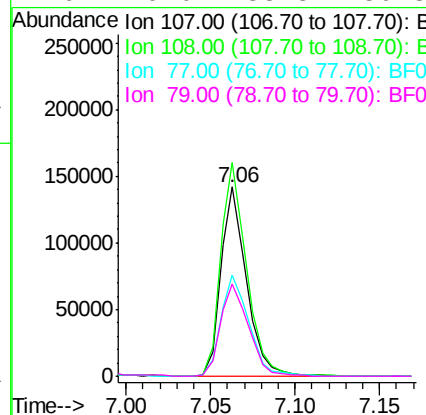
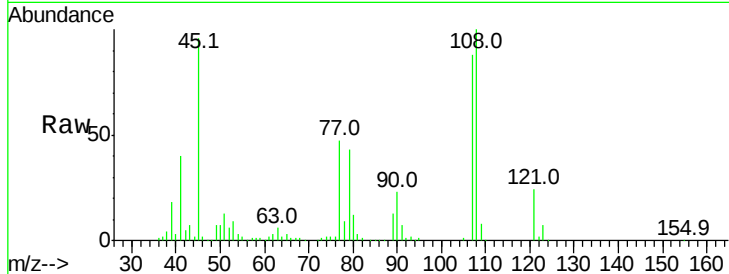
#17
2-Methylphenol
Concen: 28.658 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	91.7	137.5	
77	53.4	33.8	50.8	
79	49.0	33.8	50.8	

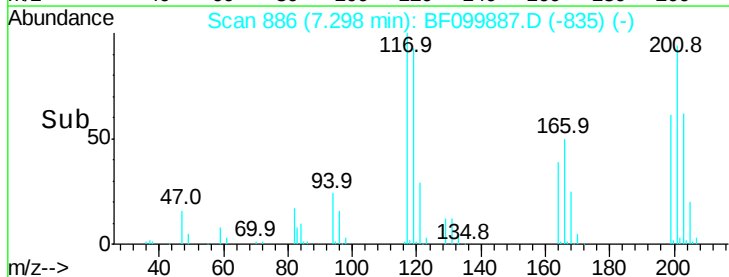
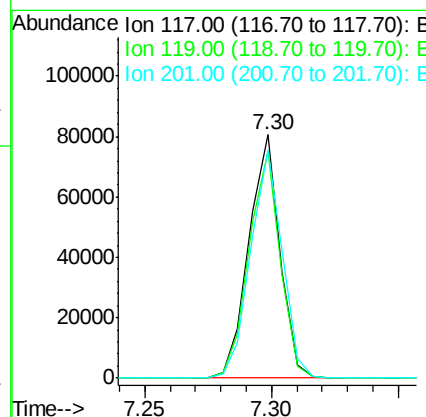
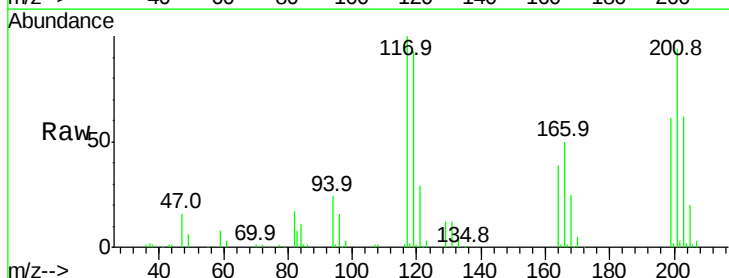
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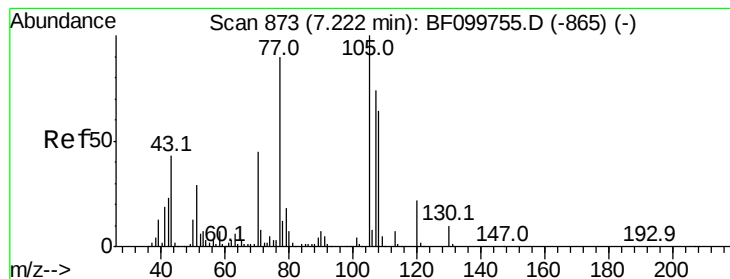
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#18
Hexachloroethane
Concen: 28.767 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.3	75.8	113.8	
201	93.5	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 28.916 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

PB103711BS

Tot Ion: 70 Resp: 117819

Ion Ratio Lower Upper

70 100

42 50.0 47.5 71.3

101 10.5 7.4 11.2

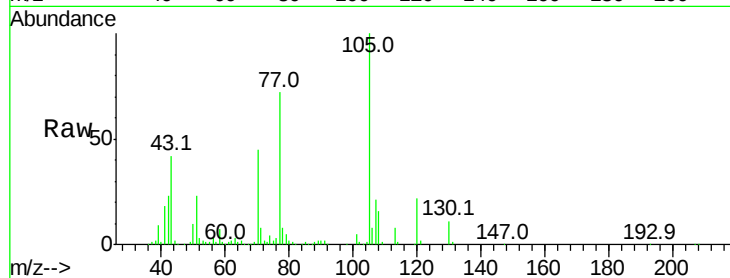
130 24.0 16.6 25.0

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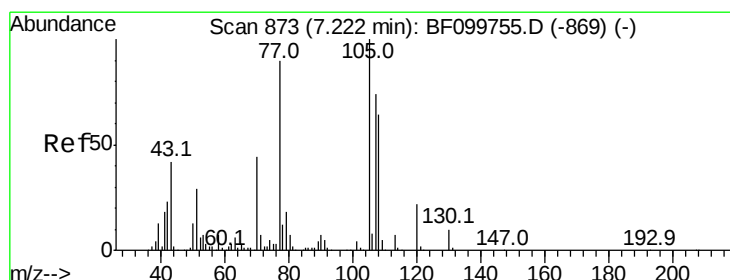
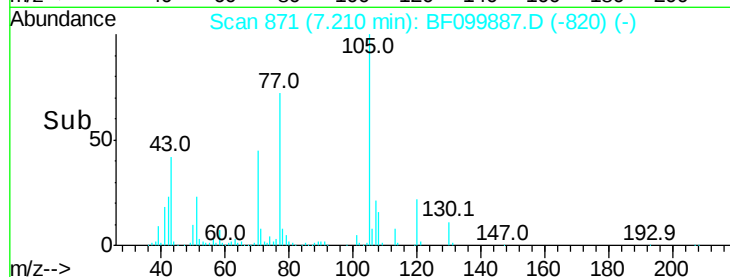
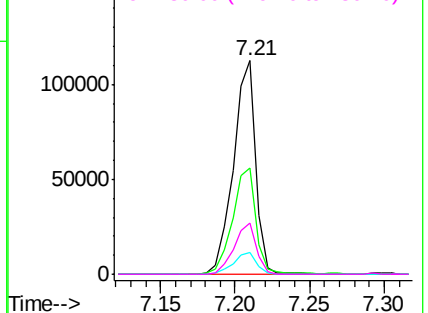
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 33.841 ng

RT: 7.22 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Tgt Ion:107 Resp: 205991

Ion Ratio Lower Upper

107 100

108 84.4 68.2 108.2

77 77.2 26.7 66.7#

79 21.5 6.3 46.3

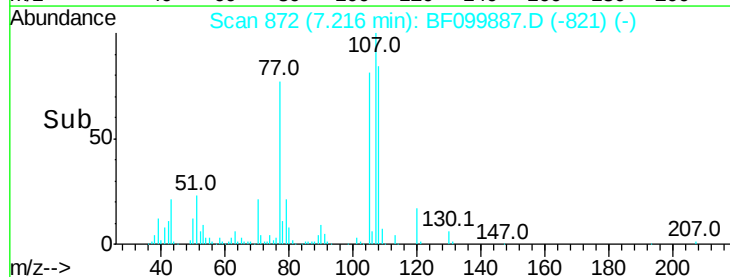
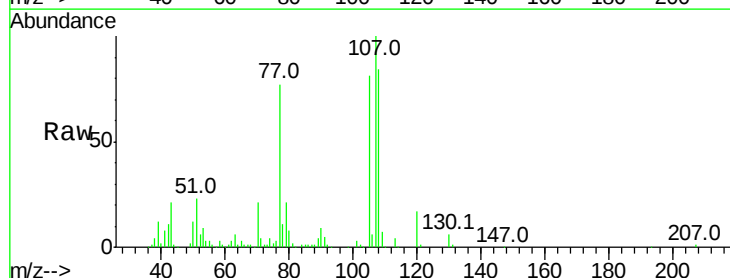
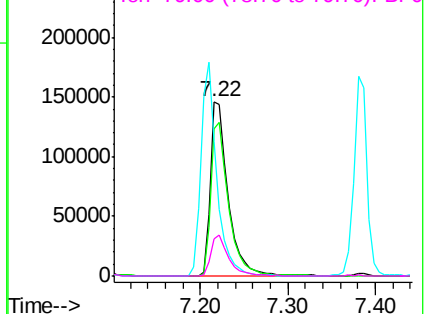
Abundance

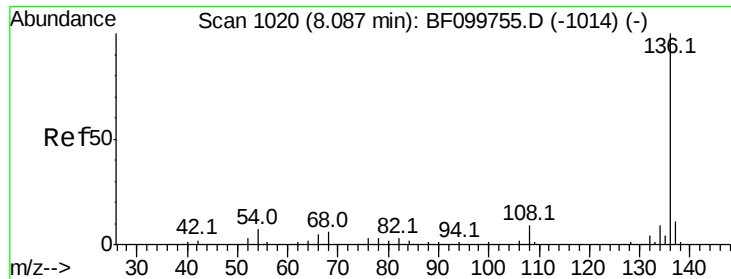
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





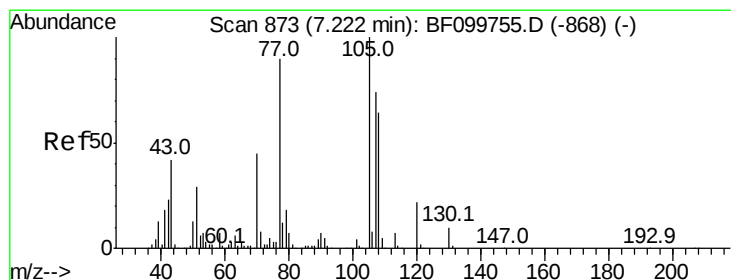
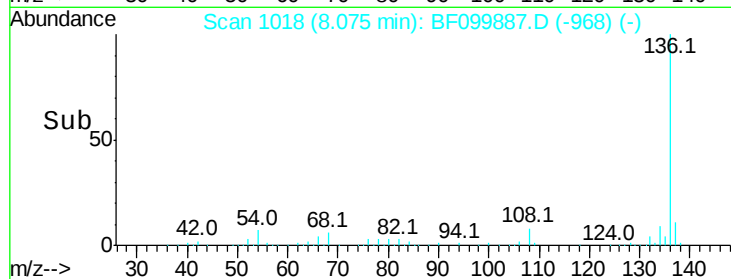
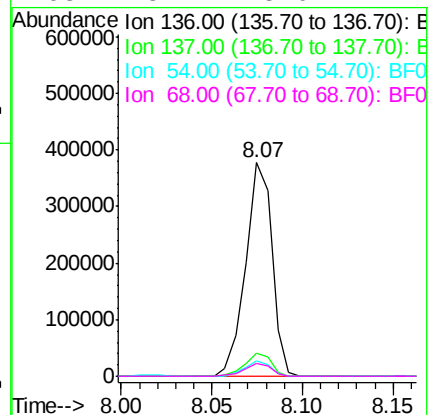
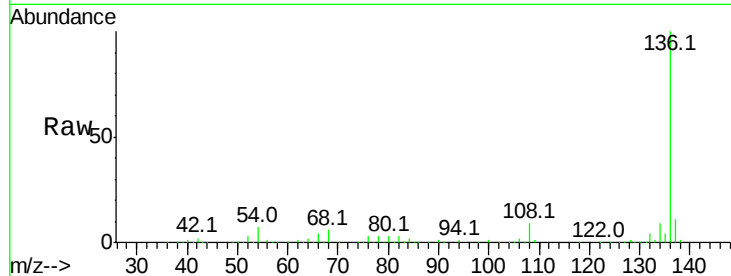
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	6.9	6.6	9.8	
68	5.7	5.0	7.4	

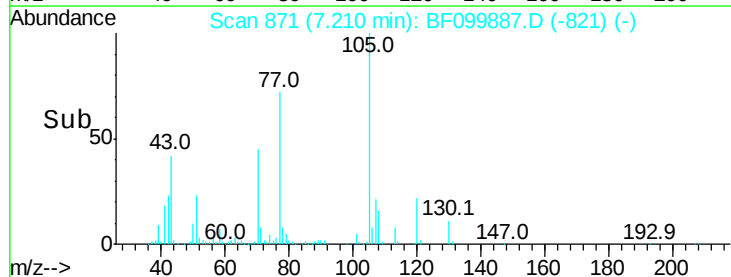
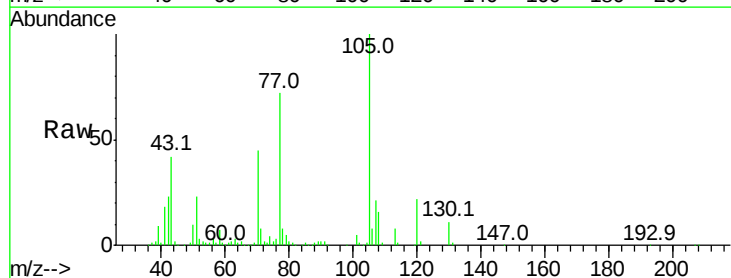
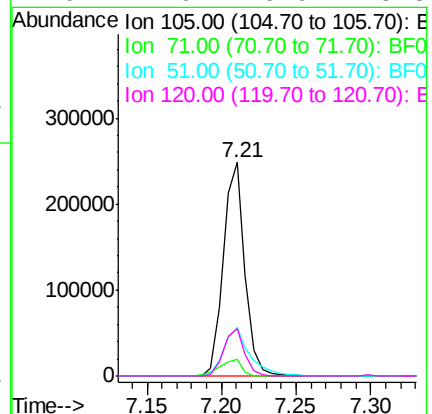
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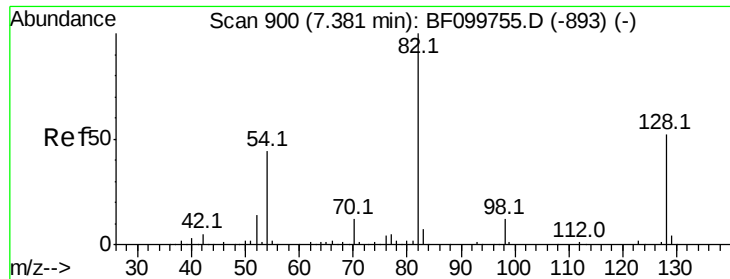
Sohil
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#22
Acetophenone
Concen: 28.890 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	4.4	6.6#	
51	22.8	22.3	33.5	
120	21.9	16.9	25.3	





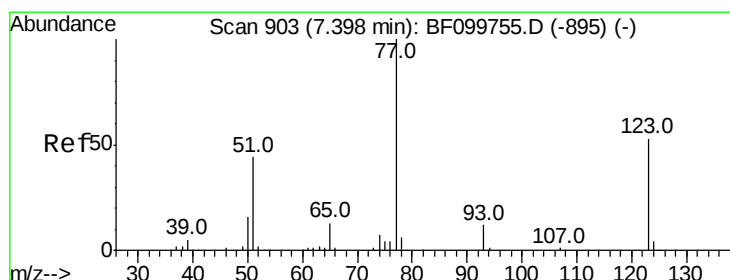
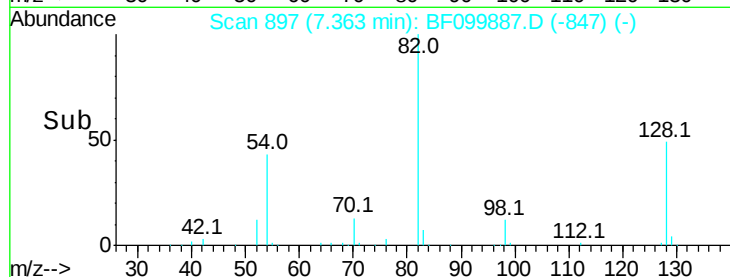
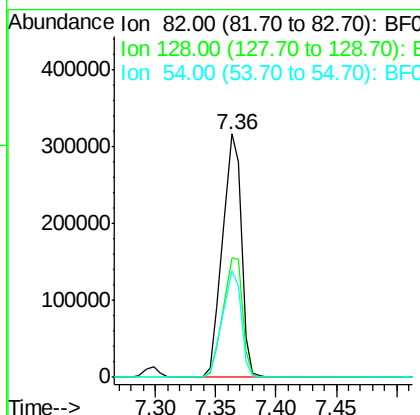
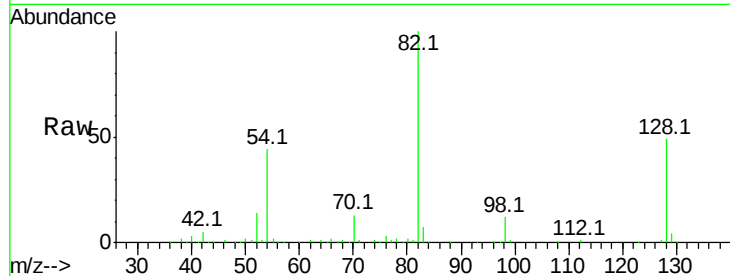
#23
Nitrobenzene-d5
Concen: 57.785 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	36.1	54.1
54	44.0	41.4	62.2

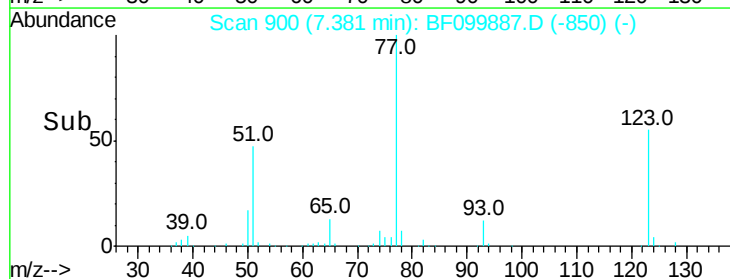
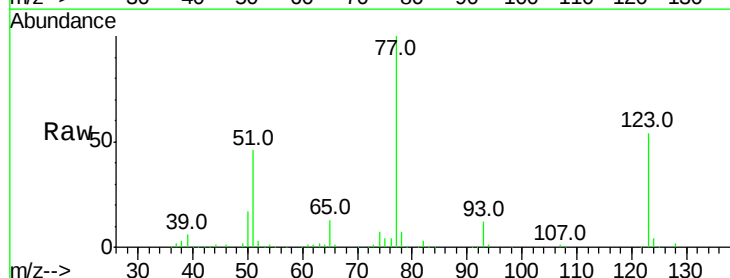
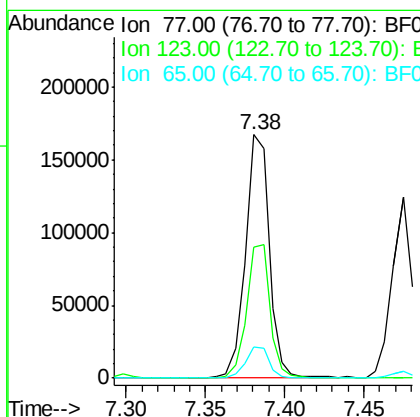
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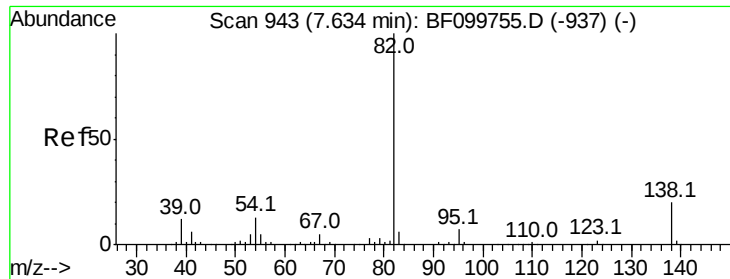
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#24
Nitrobenzene
Concen: 29.191 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.9	37.9	56.9
65	12.9	11.0	16.4





#25

Isophorone

Concen: 30.722 ng

RT: 7.62 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Instrument :

BNA_F

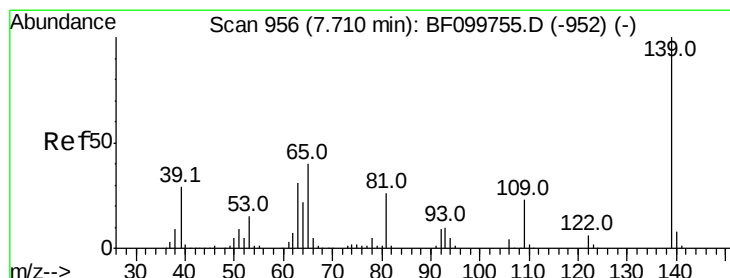
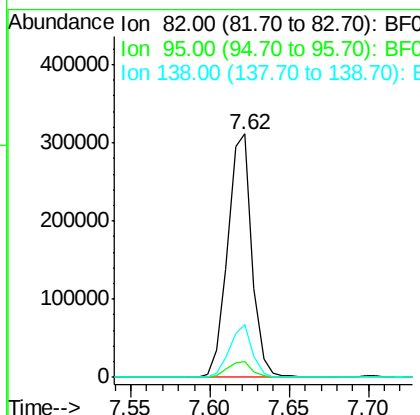
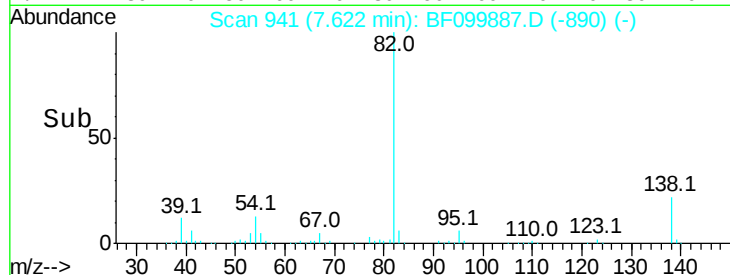
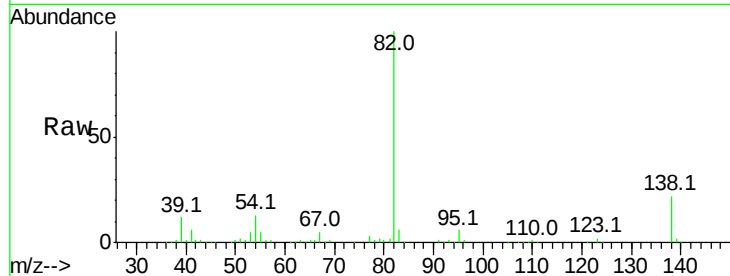
ClientSampleId :

PB103711BS

Tot Ion:	82	Resp:	330417
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.2	7.8
138	21.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 30.898 ng

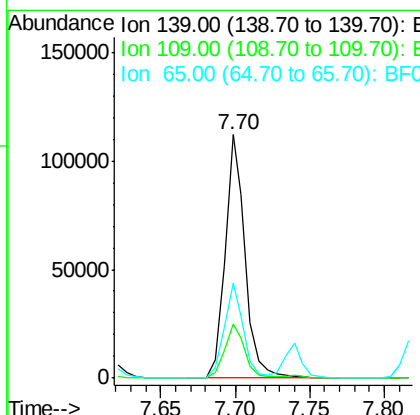
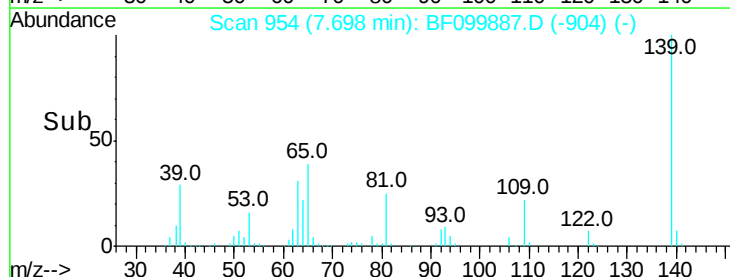
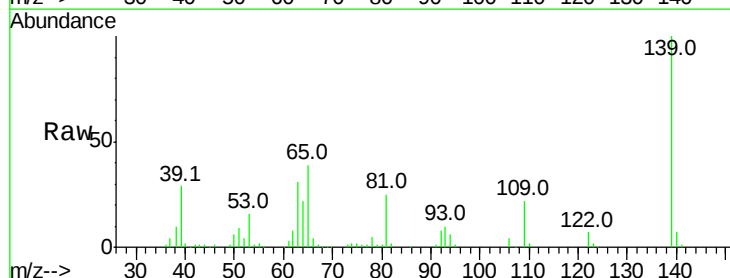
RT: 7.70 min Scan# 954

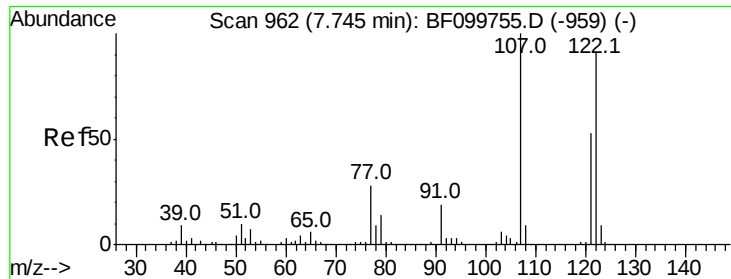
Delta R.T. -0.01 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Tgt Ion:	139	Resp:	105687
Ion Ratio		Lower	Upper
139	100		
109	22.4	22.7	34.1#
65	39.2	40.5	60.7#





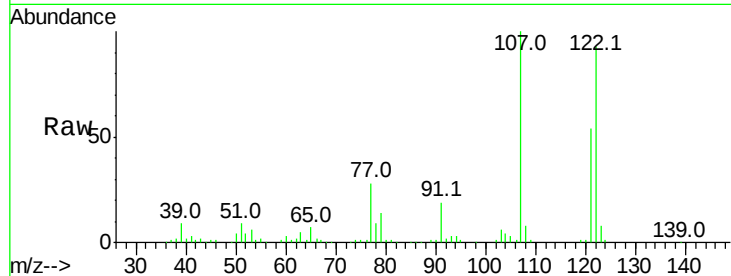
#27
2,4-Dimethylphenol
Concen: 32.980 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	166213		
107	107.1	91.2	136.8	
121	57.6	47.2	70.8	

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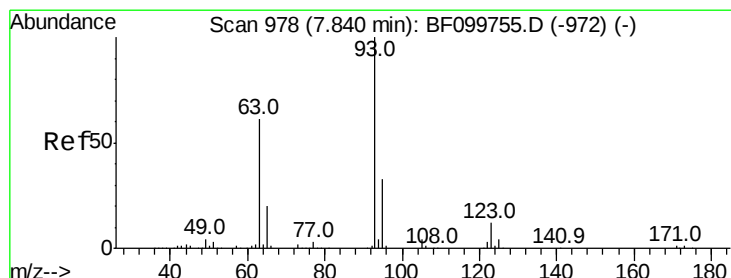
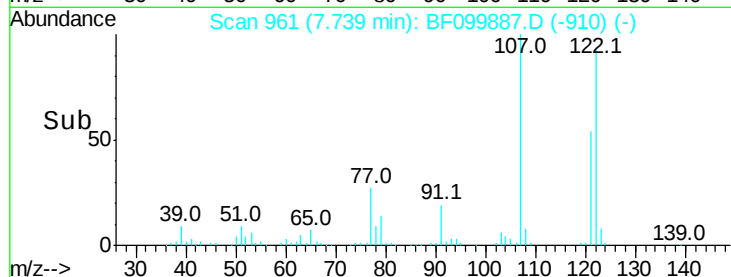
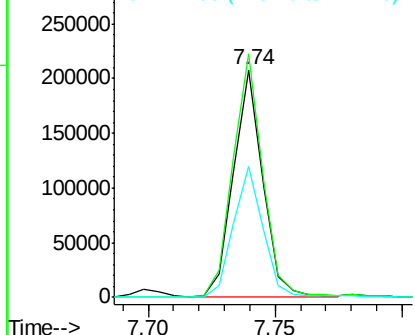


Abundance

Ion 122.00 (121.70 to 122.70): E

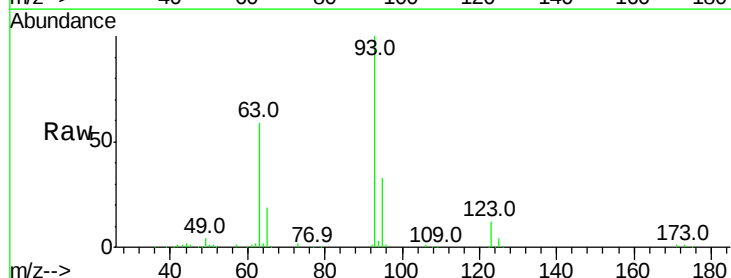
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 29.527 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	222403		
95	32.9	26.3	39.5	
123	12.2	9.8	14.6	

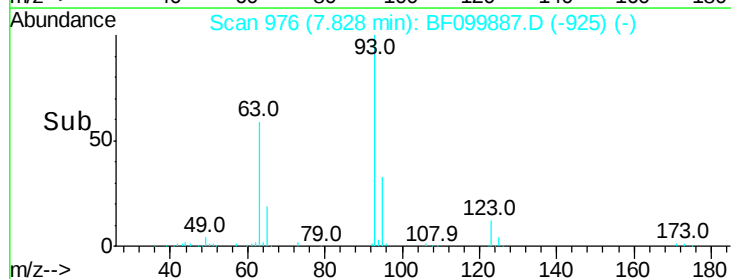
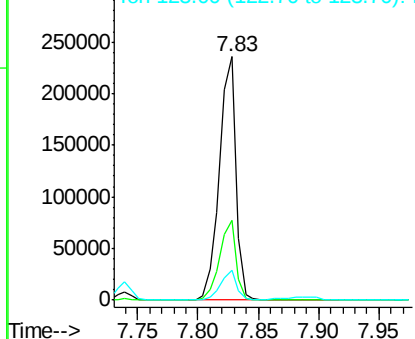


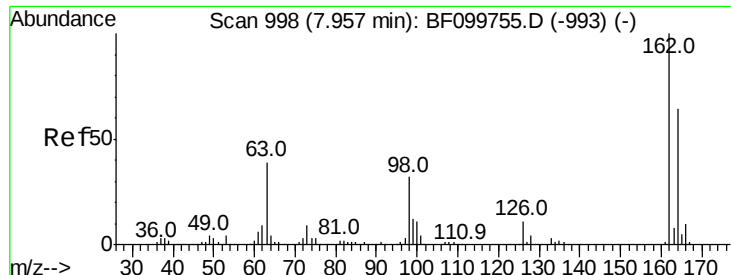
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





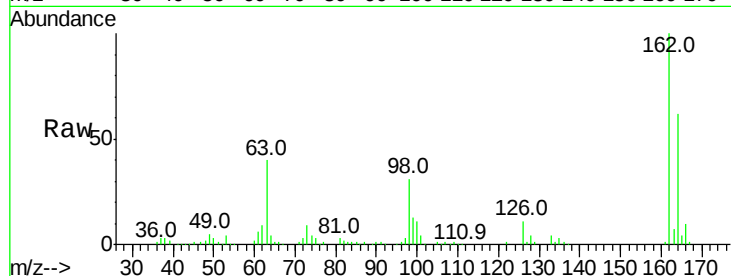
#29
 2,4-Dichlorophenol
 Concen: 31.477 ng
 RT: 7.95 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB103711BS

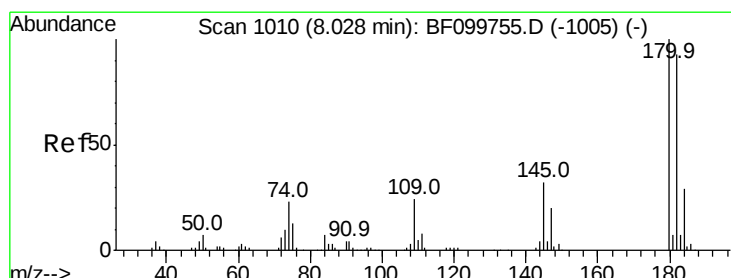
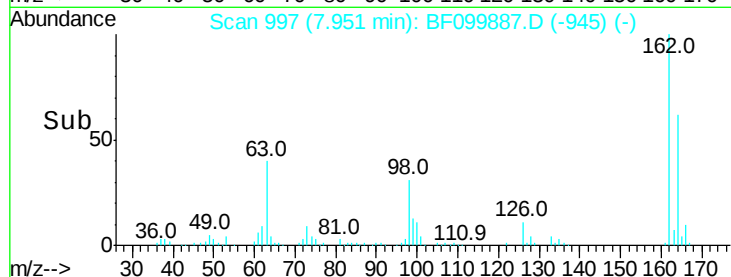
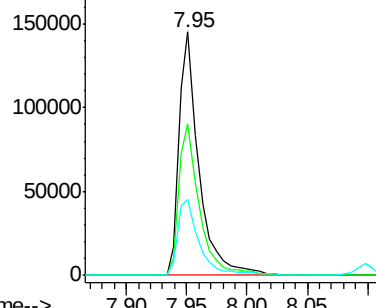
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	62.4	42.7	82.7
98	31.0	18.1	58.1

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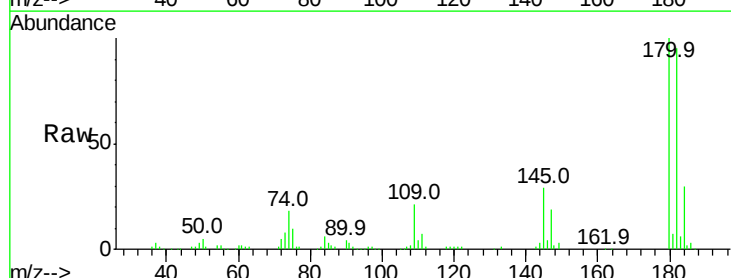


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

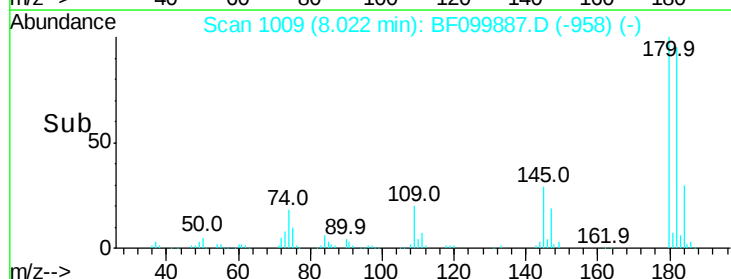
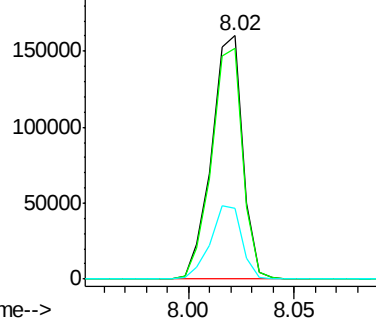


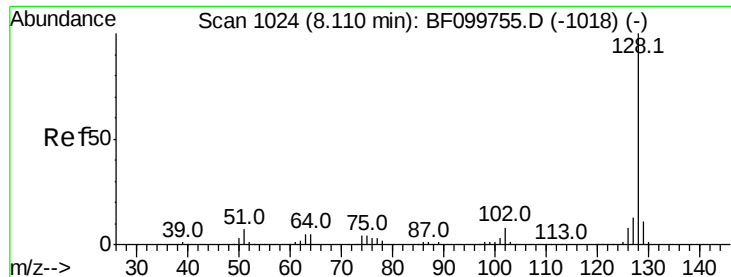
#30
 1,2,4-Trichlorobenzene
 Concen: 29.192 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.7	76.8	115.2
145	29.0	26.5	39.7



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





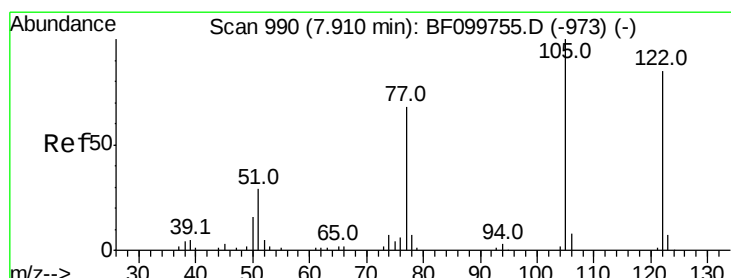
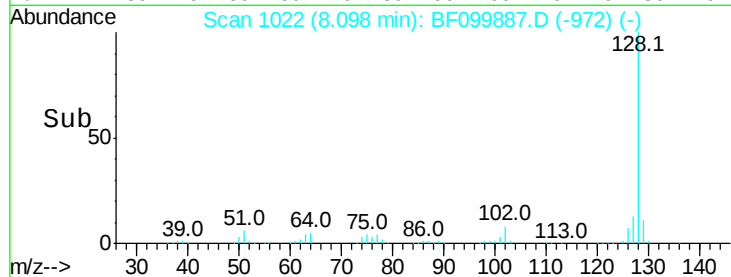
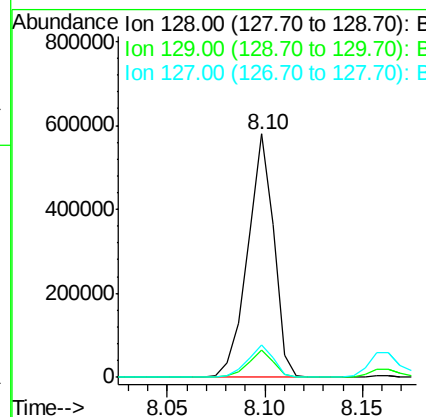
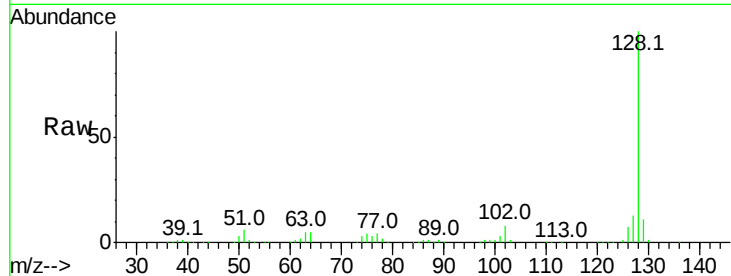
#31
Naphthalene
Concen: 29.185 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	11.5	8.8	13.2
127	13.1	10.9	16.3

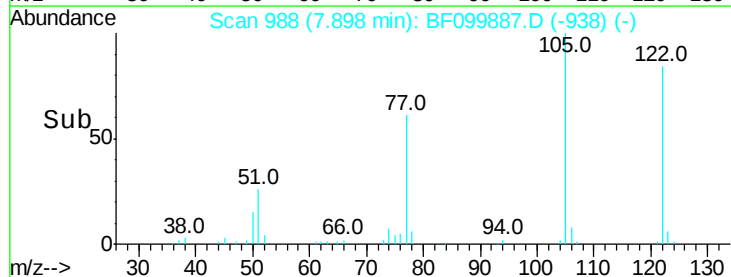
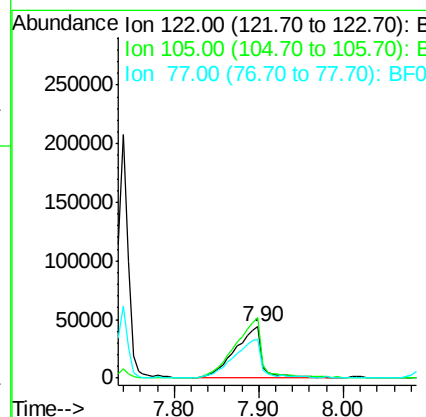
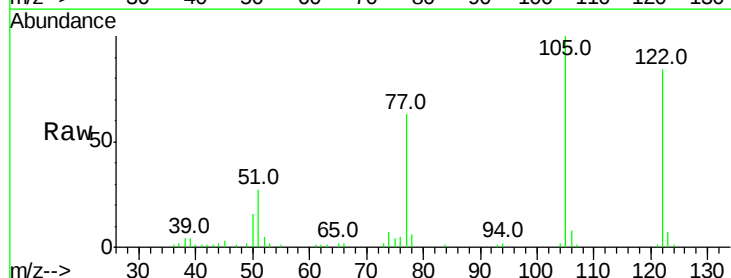
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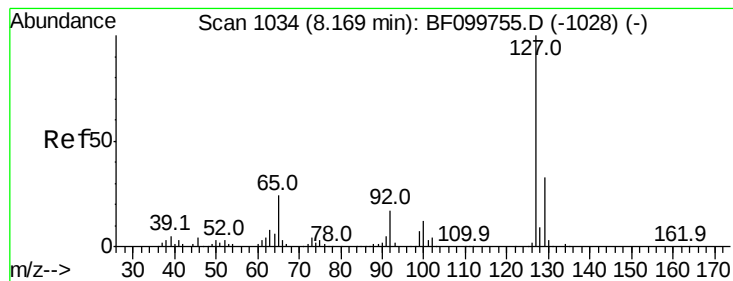
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#32
Benzoic acid
Concen: 22.480 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	118.4	101.1	141.1
77	75.2	70.7	110.7





#33

4-Chloroaniline

Concen: 11.079 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Instrument :

BNA_F

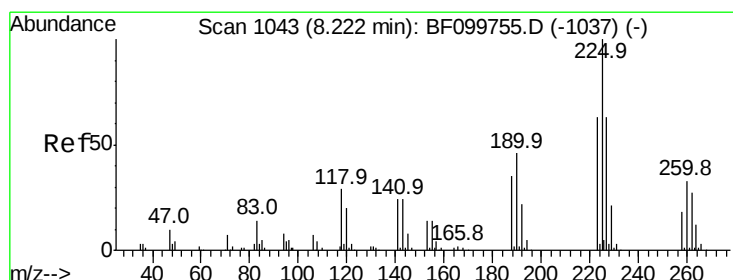
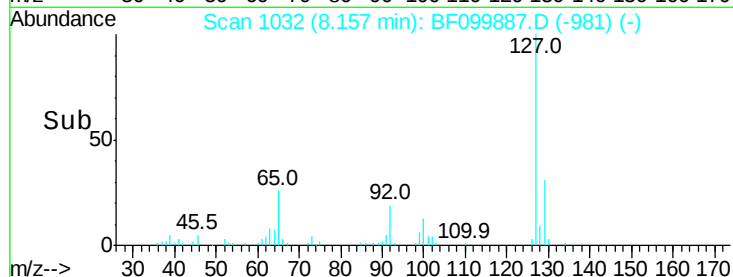
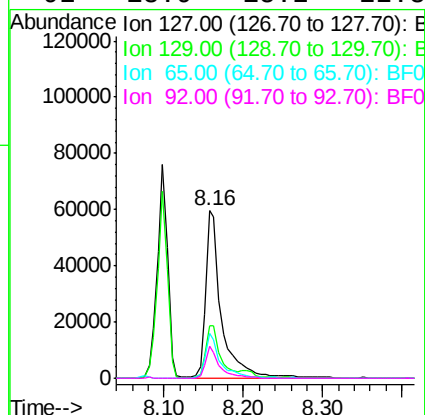
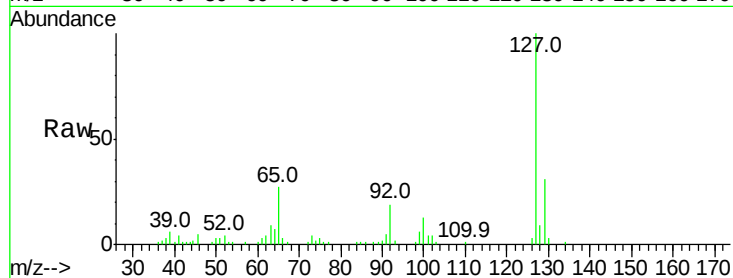
ClientSampleId :

PB103711BS

Tot Ion:	127	Resp:	84266
Ion Ratio	Lower	Upper	
127	100		
129	31.1	25.9	38.9
65	27.1	25.0	37.4
92	18.9	15.2	22.8

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#34

Hexachlorobutadiene

Concen: 28.159 ng

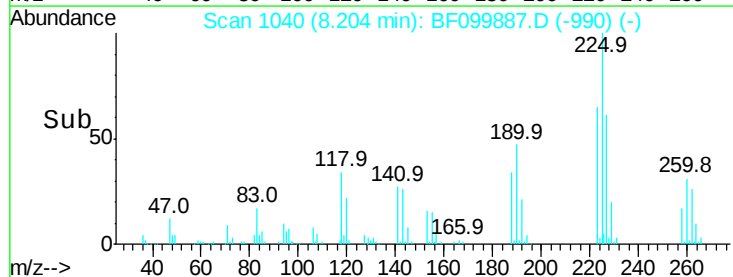
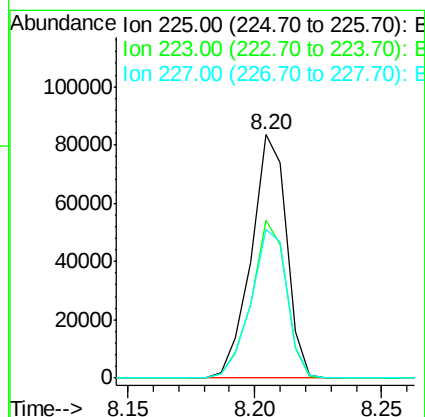
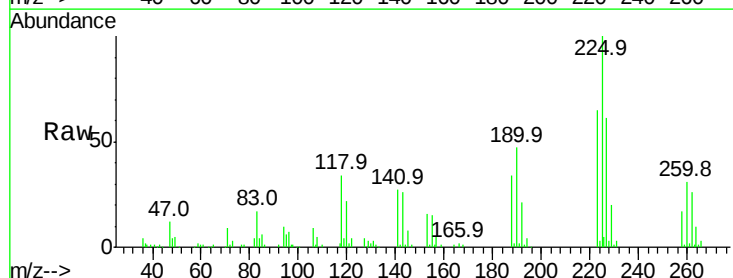
RT: 8.20 min Scan# 1040

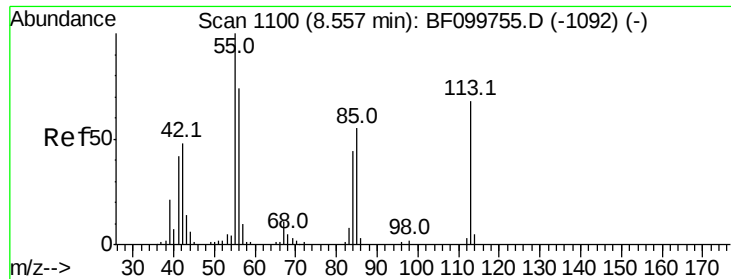
Delta R.T. -0.01 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Tgt Ion:	225	Resp:	81024
Ion Ratio	Lower	Upper	
225	100		
223	65.0	50.6	76.0
227	61.0	51.9	77.9





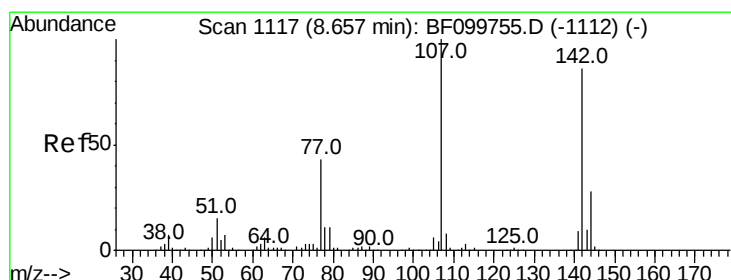
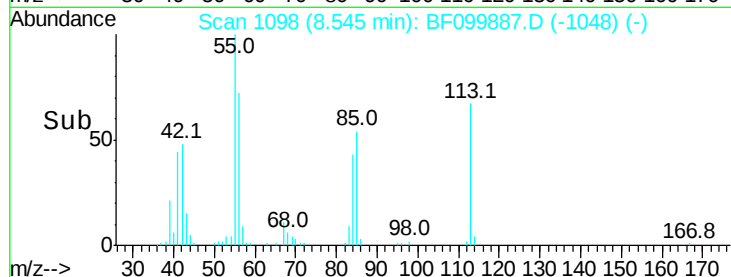
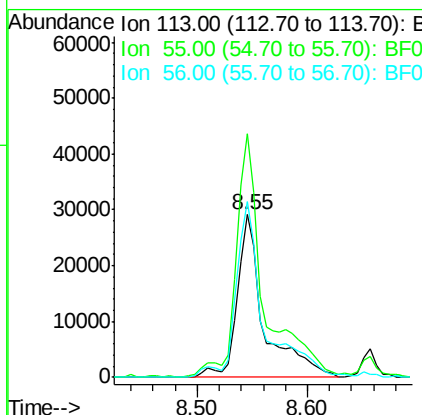
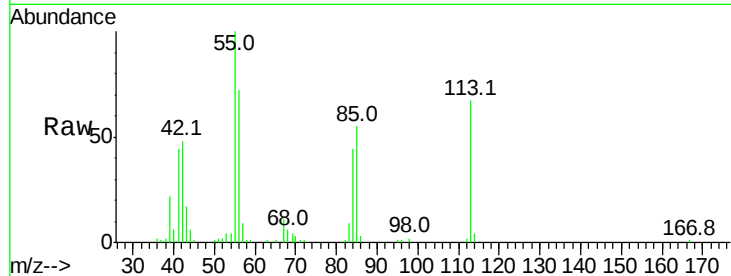
#35
 Caprolactam
 Concen: 30.373 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampled :
 PB103711BS

Tot Ion:113 Resp: 50007
 Ion Ratio Lower Upper
 113 100
 55 149.7 163.3 203.3#
 56 108.0 115.7 155.7#

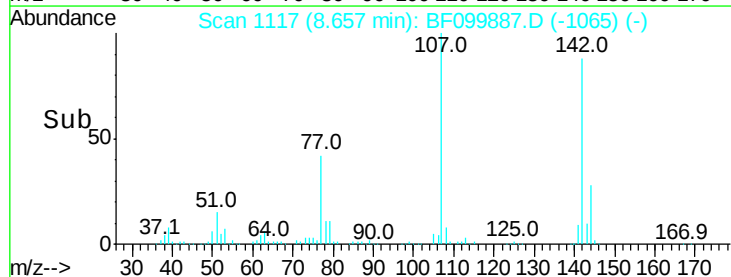
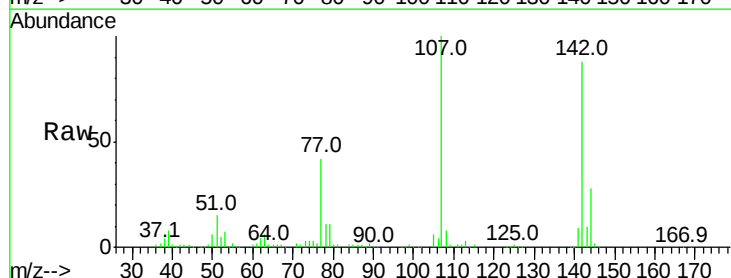
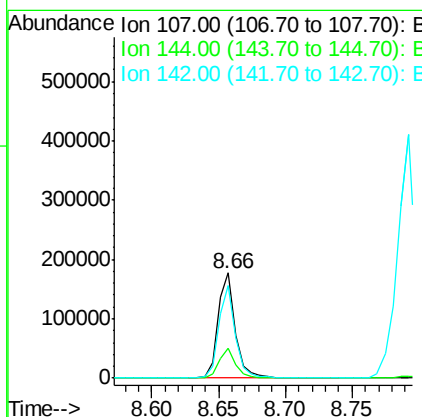
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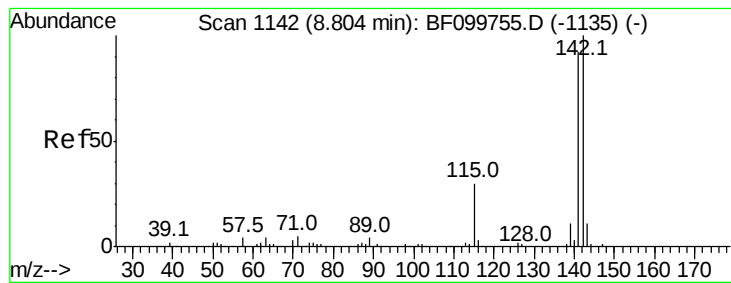
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#36
 4-Chloro-3-methylphenol
 Concen: 30.141 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.01 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Tgt Ion:107 Resp: 161064
 Ion Ratio Lower Upper
 107 100
 144 28.3 20.5 30.7
 142 88.4 62.0 93.0





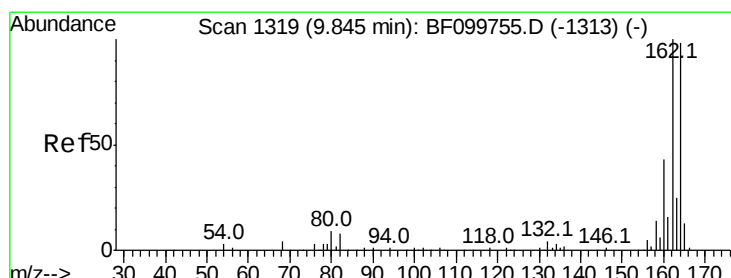
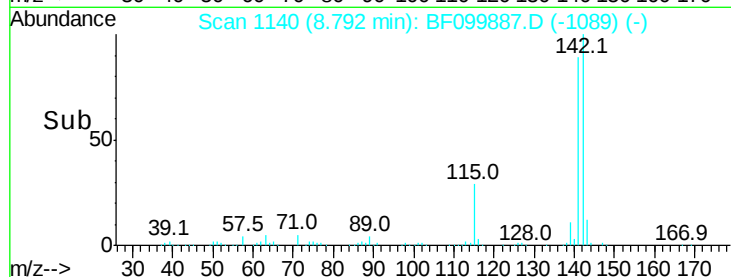
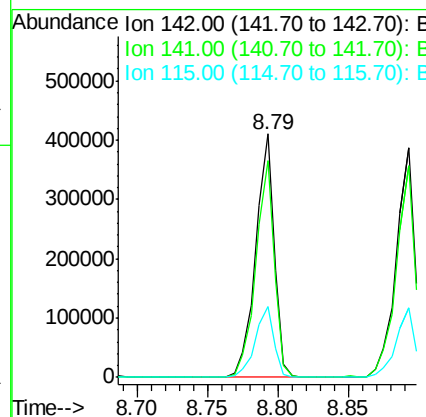
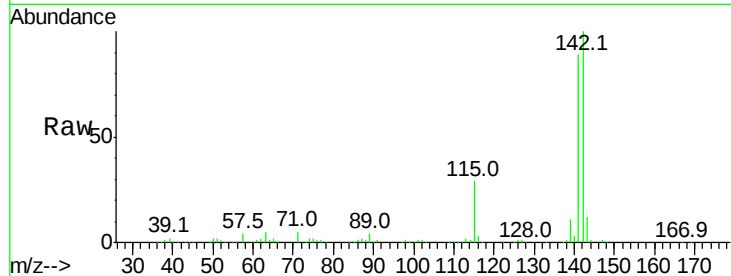
#37
2-Methylnaphthalene
Concen: 30.762 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampled :
PB103711BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	70.8	106.2
115	29.1	26.1	39.1

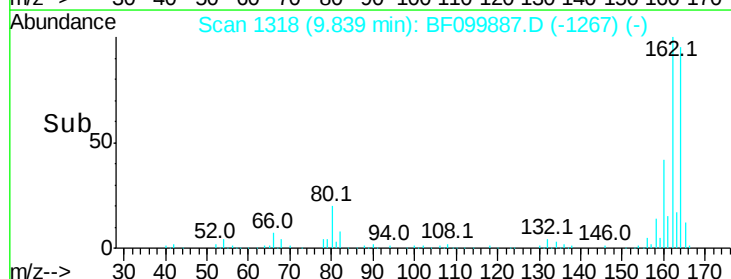
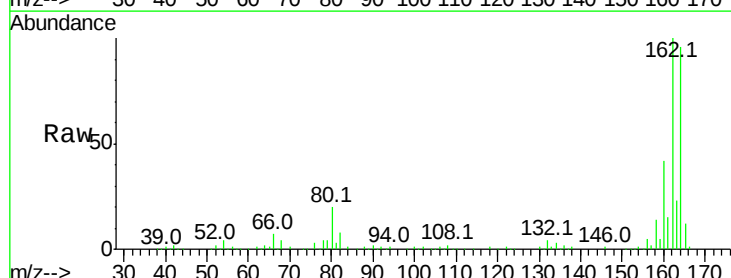
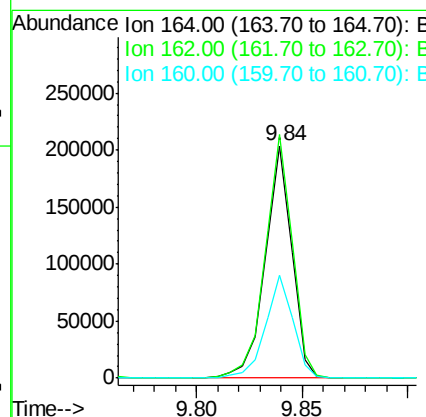
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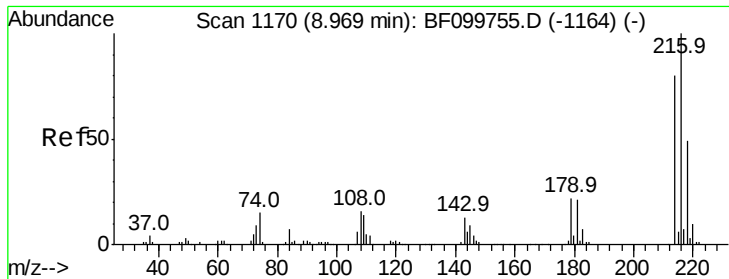
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	43.9	38.3	57.5





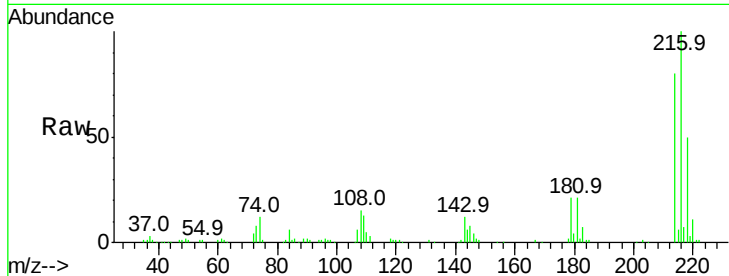
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.826 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB103711BS

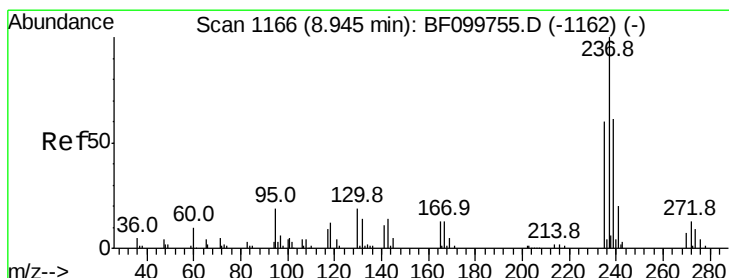
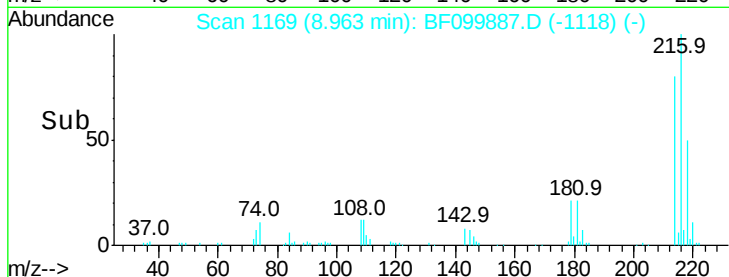
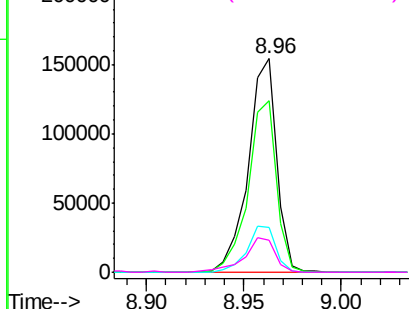
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.3	63.0	94.4
179	21.9	18.1	27.1
108	18.3	17.2	25.8

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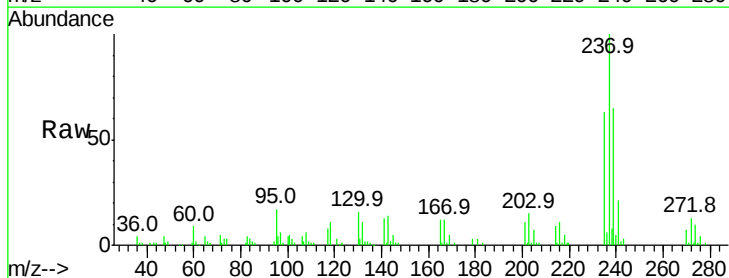


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

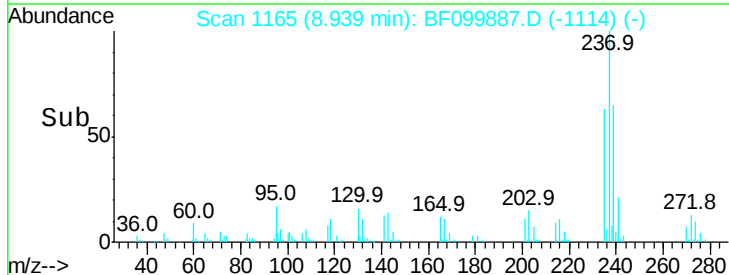
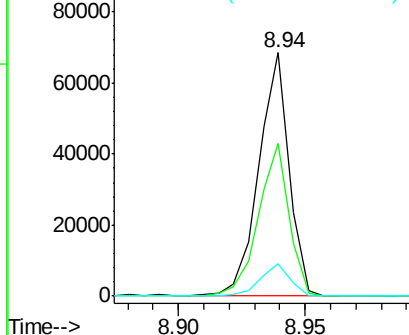


#40
 Hexachlorocyclopentadiene
 Concen: 54.087 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	44.8	84.8
272	13.4	0.0	33.3



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





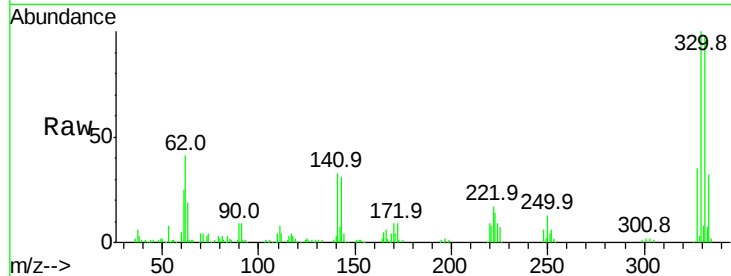
#41
 2,4,6-Tribromophenol
 Concen: 88.376 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB103711BS

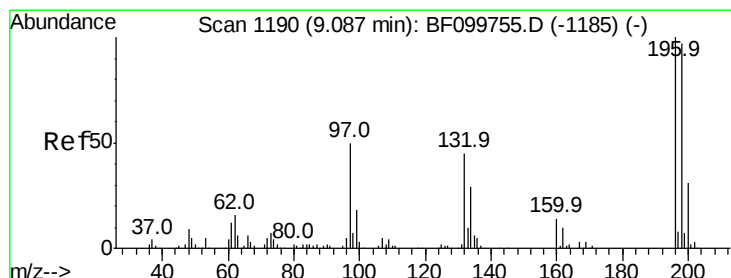
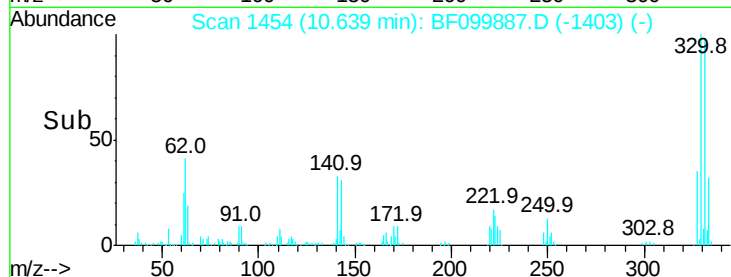
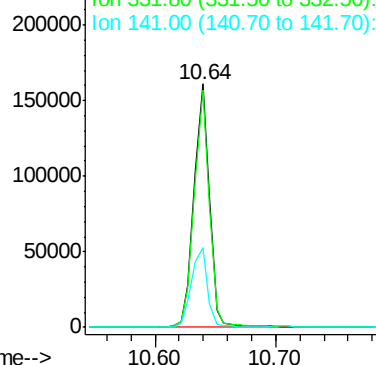
Tot Ion	Ratio	Resp	Lower	Upper
330	100	144491		
332	94.9	77.0	115.6	
141	33.9	29.9	44.9	

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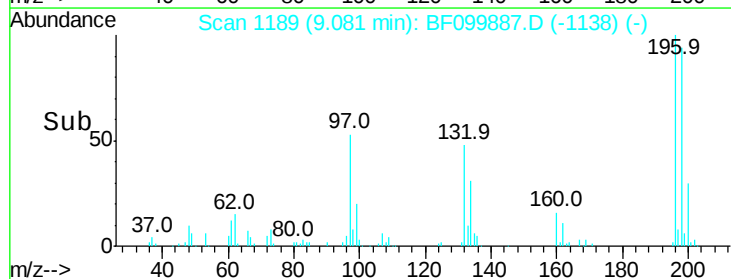
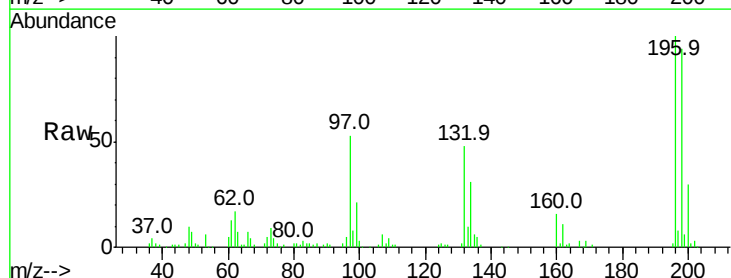
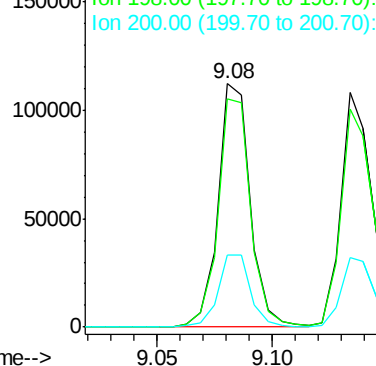
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 31.259 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	109559		
198	93.7	75.7	113.5	
200	29.5	24.5	36.7	

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





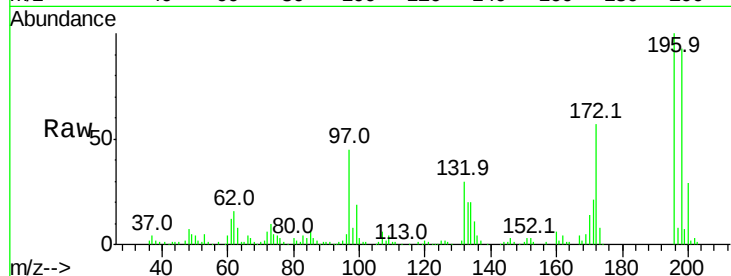
#43
 2,4,5-Trichlorophenol
 Concen: 30.161 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB103711BS

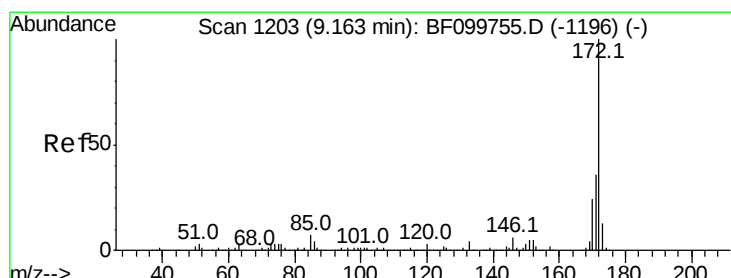
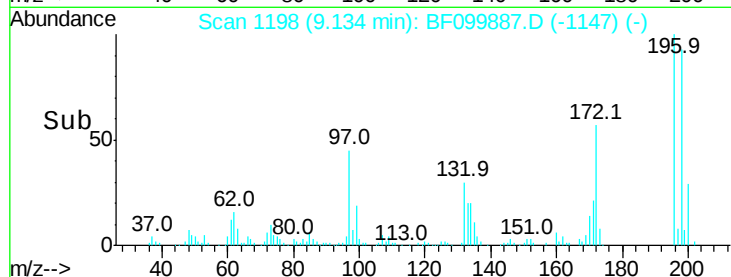
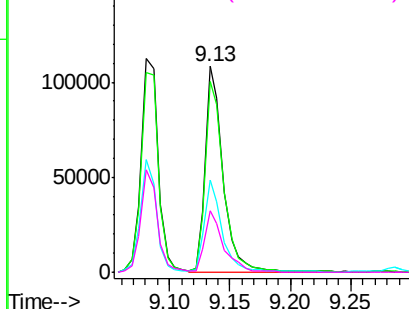
Tot Ion	Ratio	Resp	Lower	Upper
196	100	112178		
198	92.8	74.6	112.0	
97	44.9	42.9	64.3	
132	30.1	26.3	39.5	

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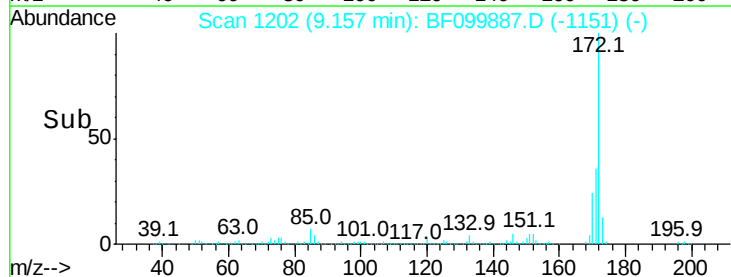
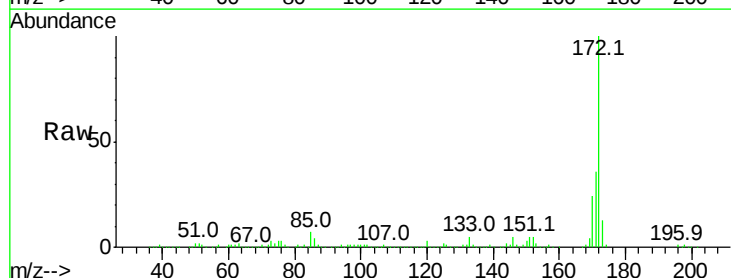
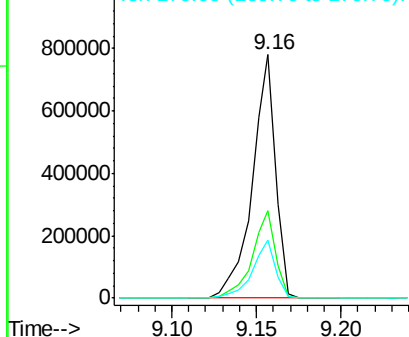
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

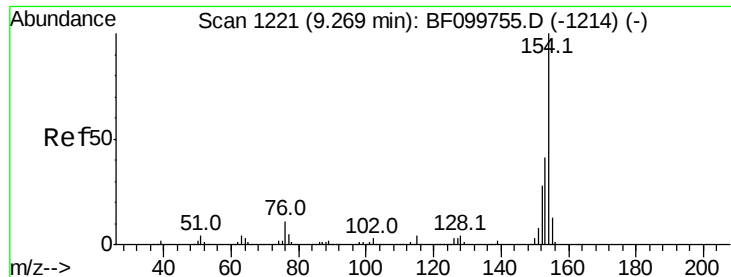


#44
 2-Fluorobiphenyl
 Concen: 64.382 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	748651		
171	36.0	29.7	44.5	
170	23.7	19.6	29.4	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





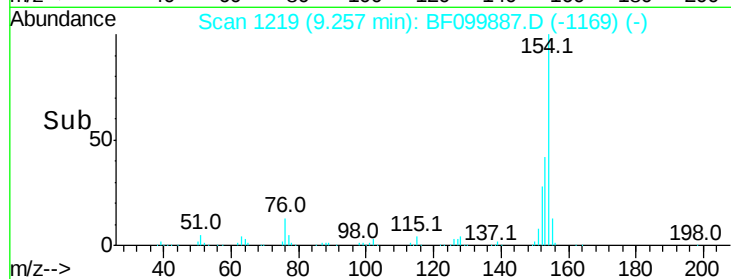
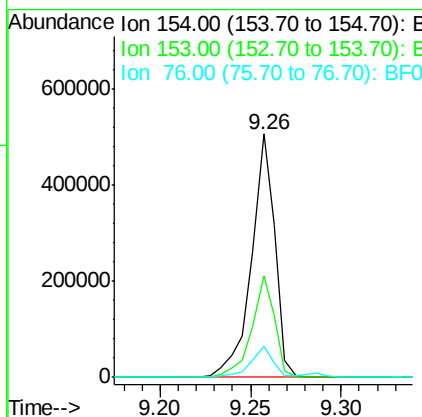
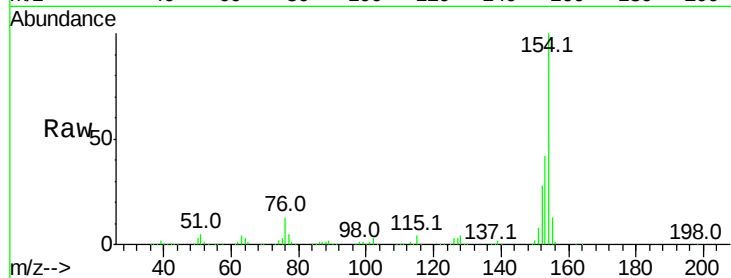
#45
1,1'-Biphenyl
Concen: 27.700 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion:	154	Resp:	449566
Ion Ratio	Lower	Upper	
154	100		
153	41.7	21.3	61.3
76	12.6	0.0	34.0

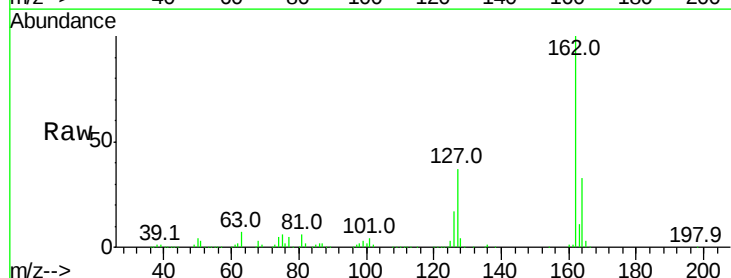
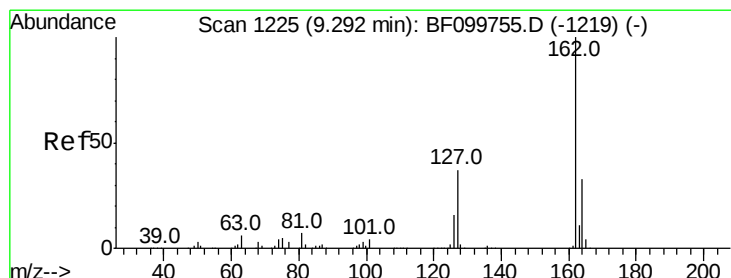
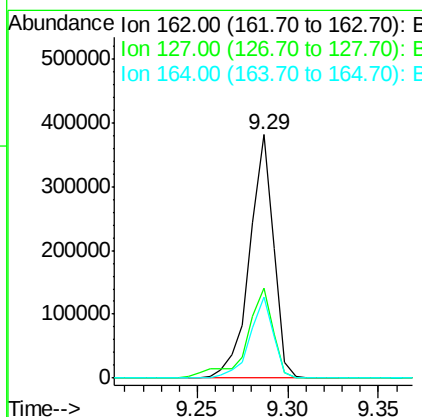
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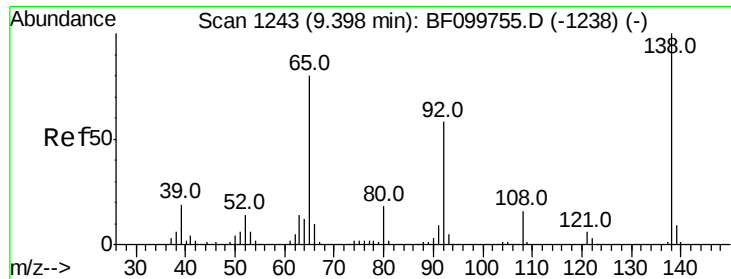
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#46
2-Chloronaphthalene
Concen: 29.721 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion:	162	Resp:	350314
Ion Ratio	Lower	Upper	
162	100		
127	37.1	33.9	50.9
164	33.2	26.5	39.7





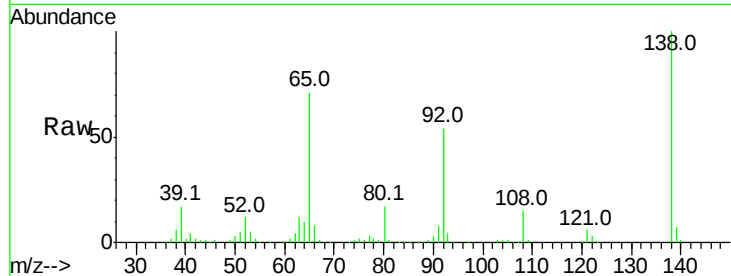
#47
2-Nitroaniline
Concen: 29.244 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

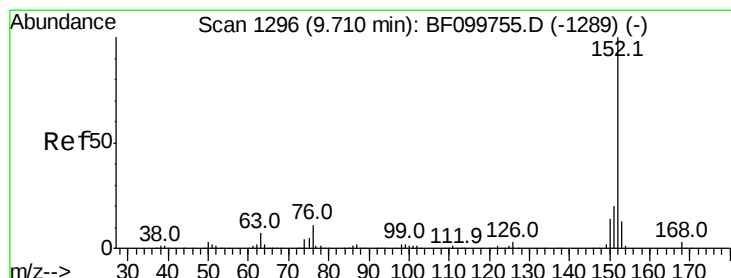
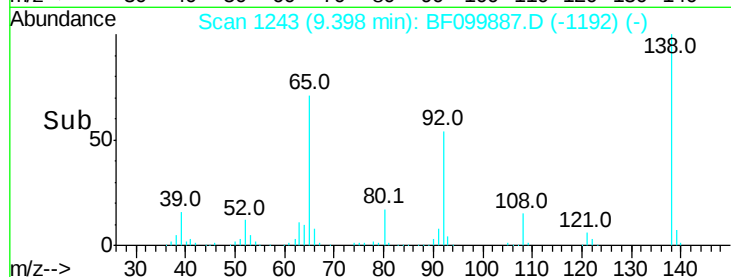
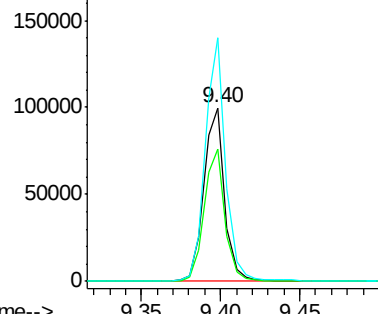
Tot Ion	Ratio	Lower	Upper
65	100		
92	76.4	55.8	83.6
138	140.3	91.2	136.8

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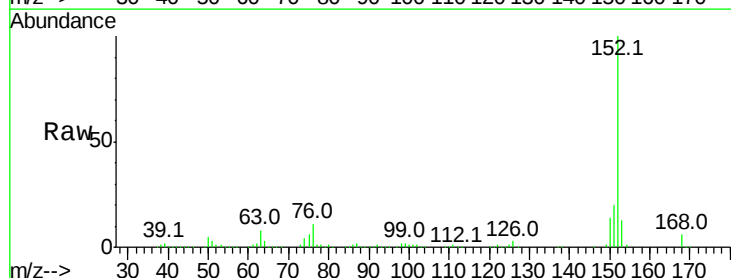


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

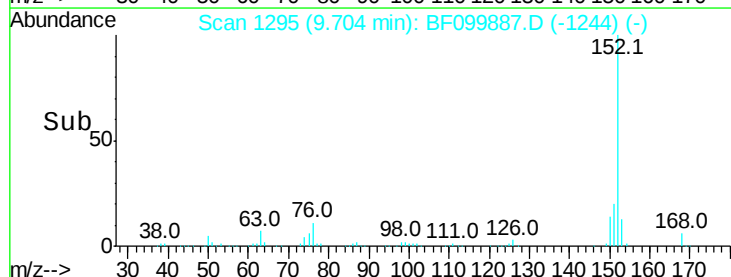
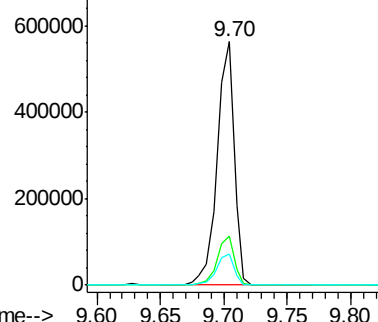


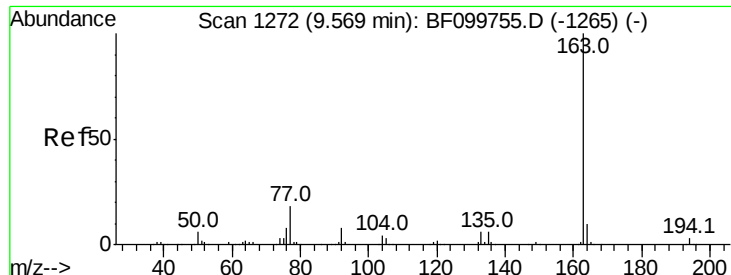
#48
Acenaphthylene
Concen: 29.010 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	12.9	10.7	16.1



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





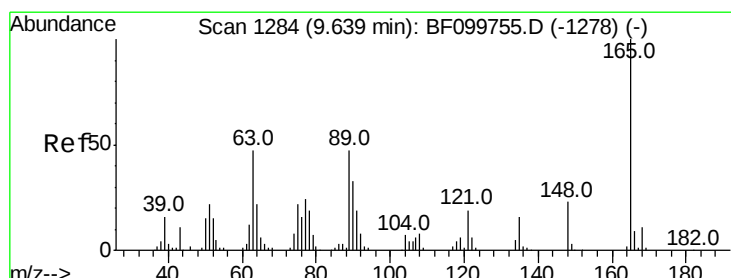
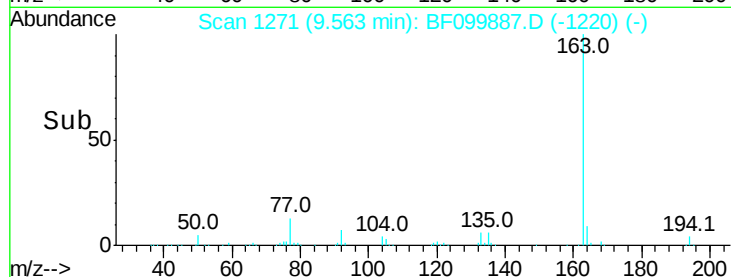
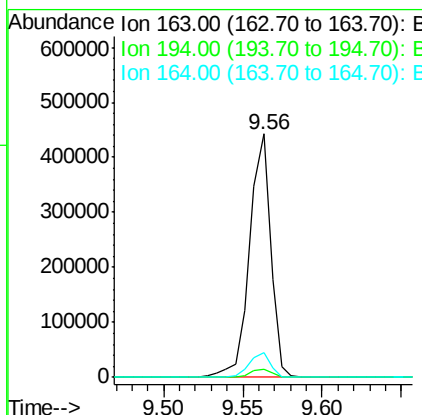
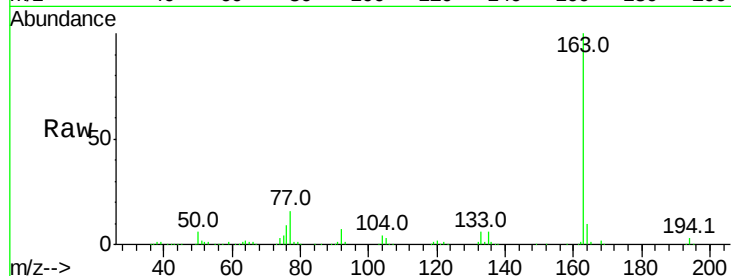
#49
Dimethylphthalate
Concen: 28.867 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	410120		
194	3.5	2.7	4.1	
164	9.9	8.2	12.2	

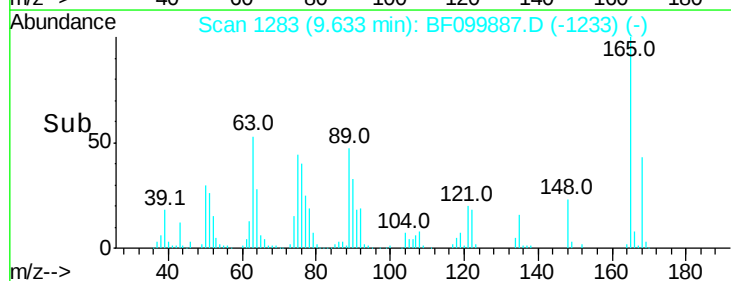
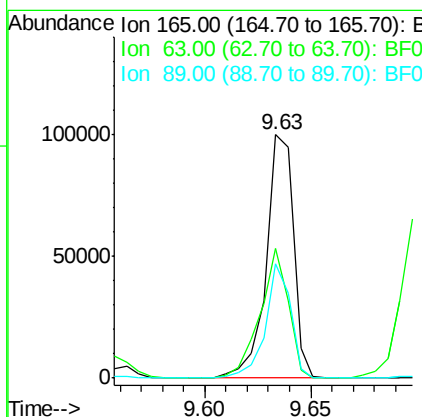
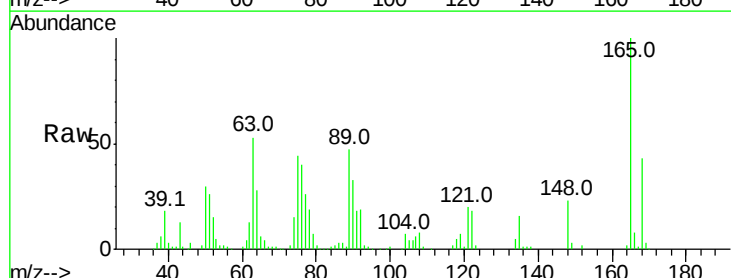
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#50
2,6-Dinitrotoluene
Concen: 30.151 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	90053		
63	53.0	44.7	67.1	
89	47.1	44.0	66.0	





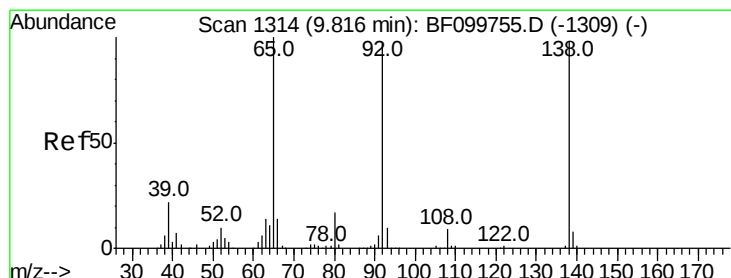
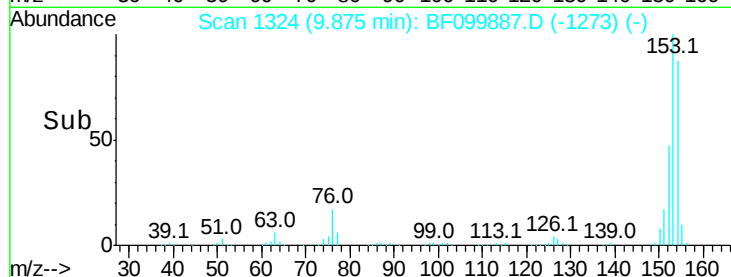
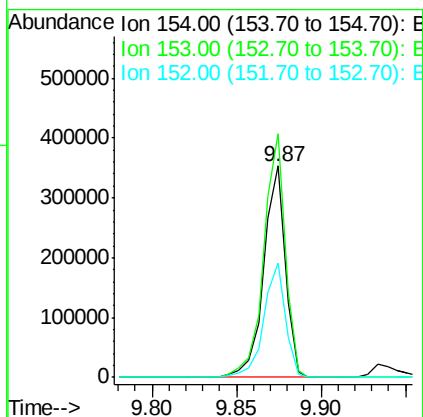
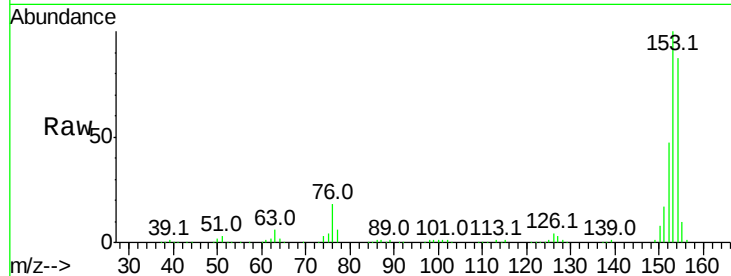
#51
Acenaphthene
Concen: 28.411 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.2	136.8
152	54.2	43.8	65.8

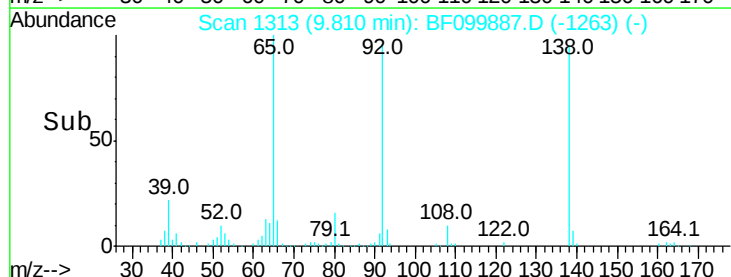
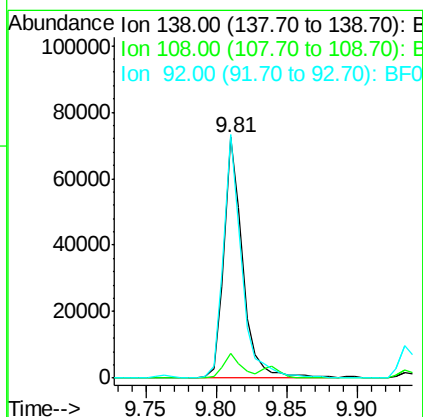
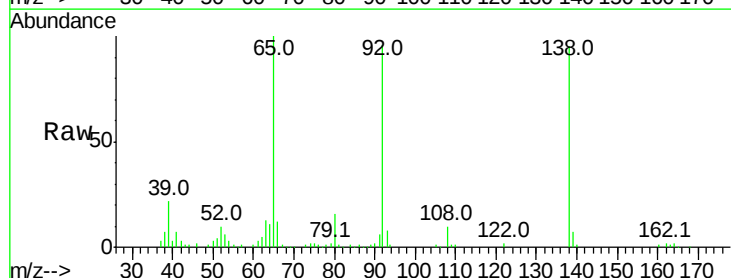
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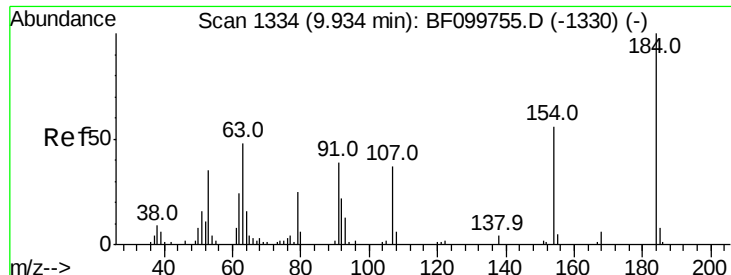
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#52
3-Nitroaniline
Concen: 19.119 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.1	9.4	14.0
92	101.2	89.4	134.2





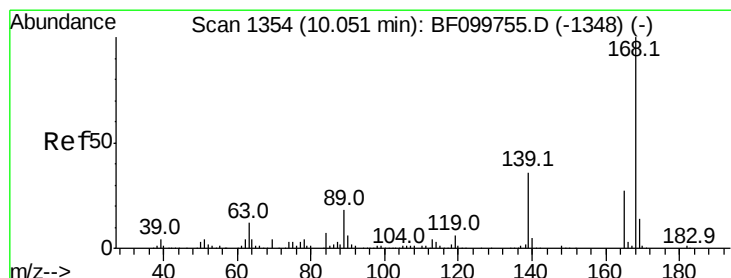
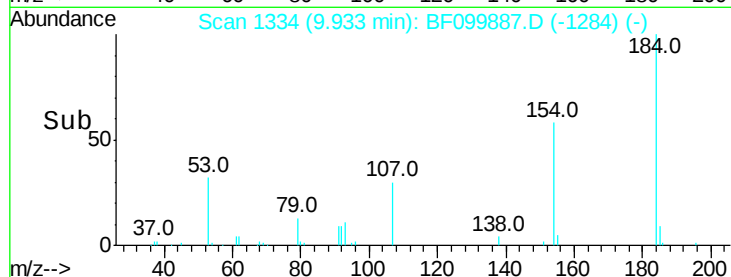
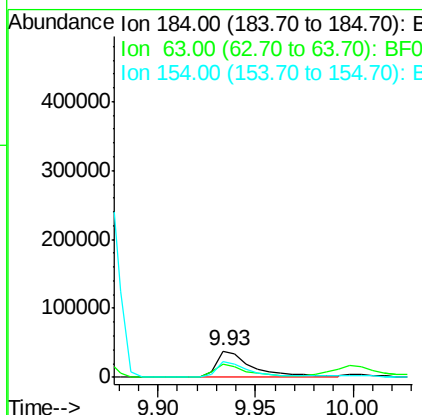
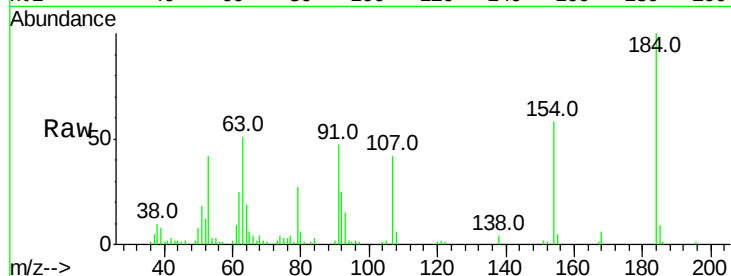
#53
2,4-Dinitrophenol
Concen: 45.860 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	50.8	54.2	81.2#	
154	57.8	53.5	80.3	

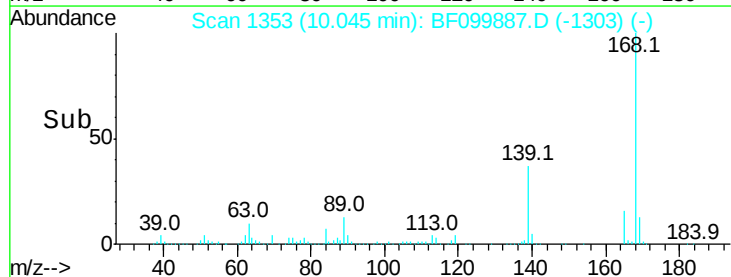
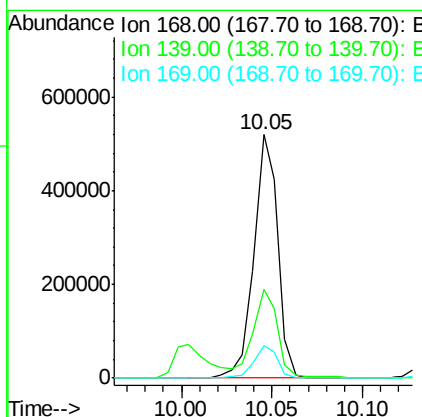
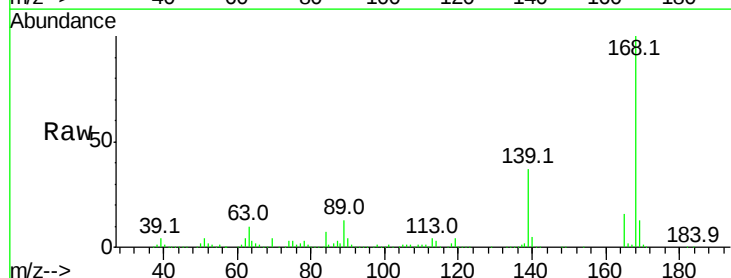
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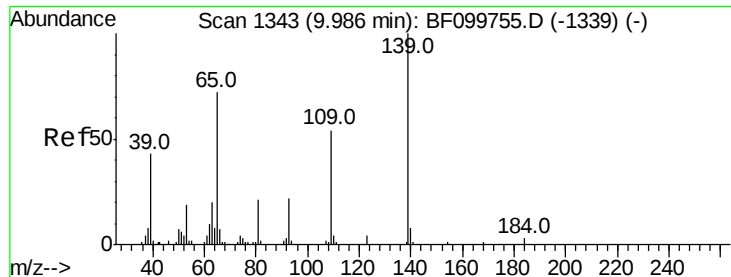
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#54
Dibenzofuran
Concen: 30.133 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.5	30.1	45.1	
169	13.3	10.9	16.3	





#55

4-Nitrophenol

Concen: 52.679 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Instrument :

BNA_F

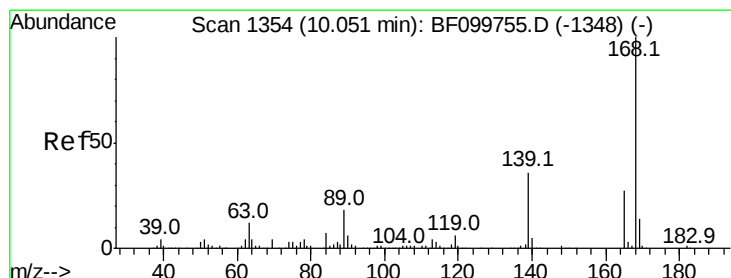
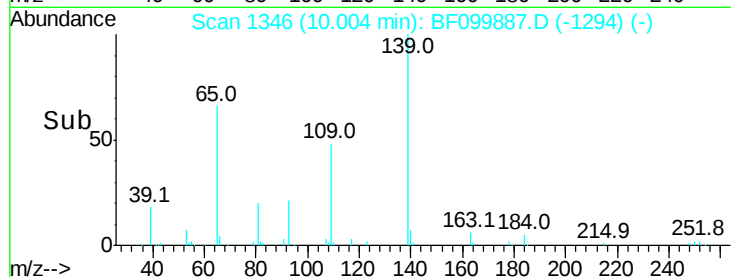
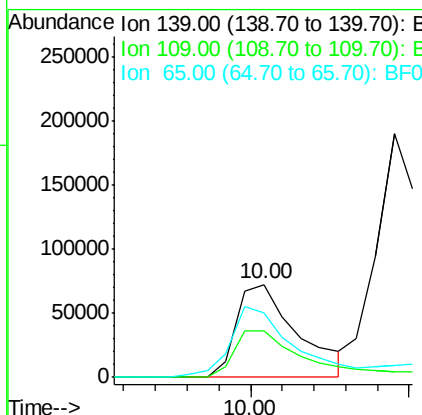
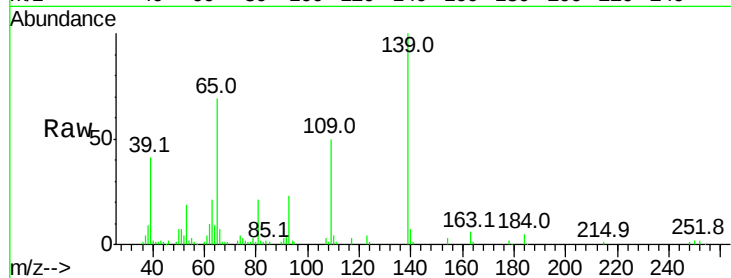
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
139	100		
109	49.8	48.4	88.4
65	69.5	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 31.643 ng

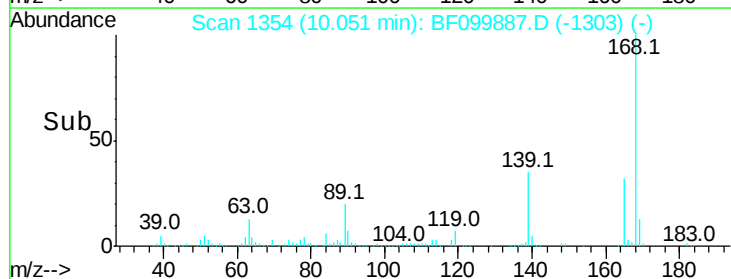
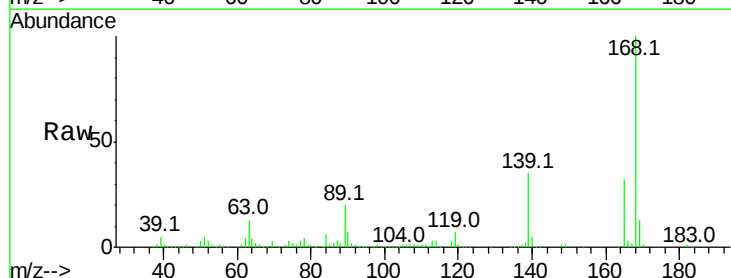
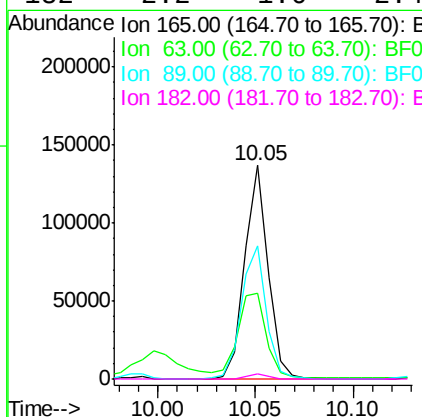
RT: 10.05 min Scan# 1354

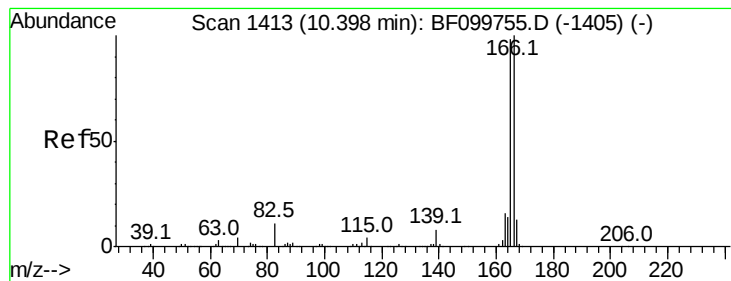
Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.2	36.4	54.6
89	62.5	57.8	86.6
182	2.2	1.6	2.4





#57

Fluorene

Concen: 29.714 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Instrument :

BNA_F

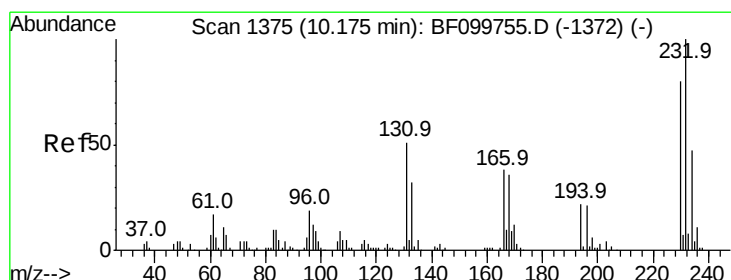
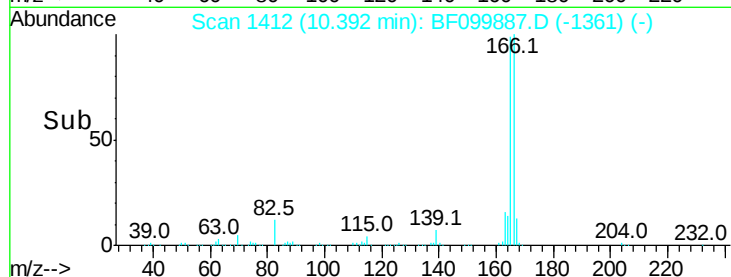
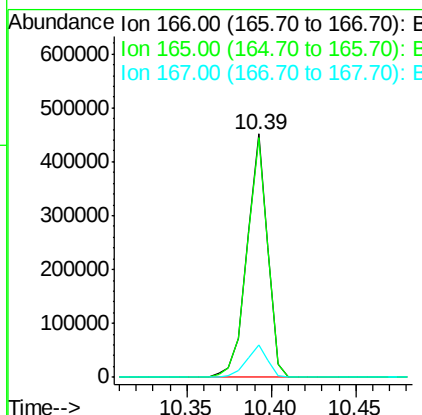
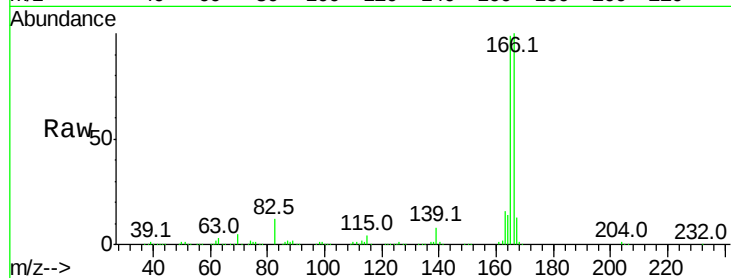
ClientSampleId :

PB103711BS

Tot Ion:	166	Resp:	385215
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.8	119.8
167	13.3	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 32.105 ng

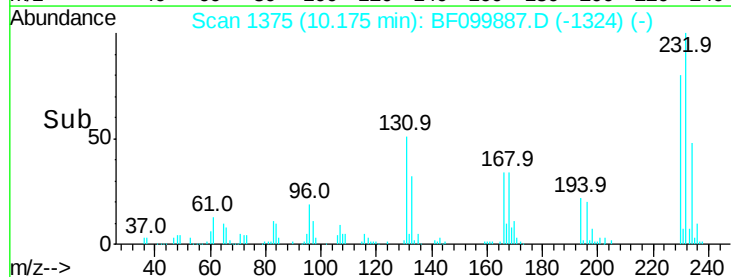
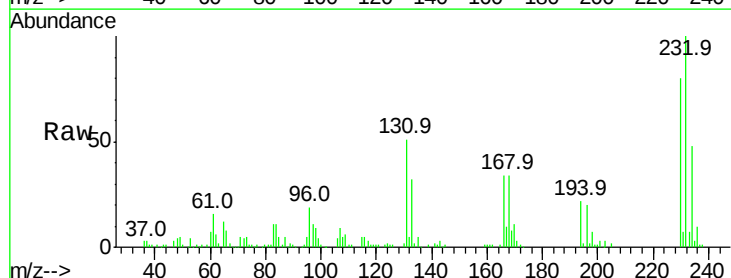
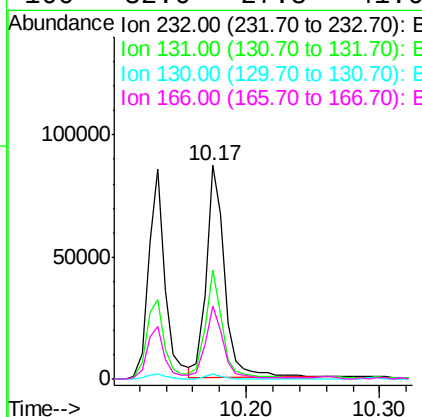
RT: 10.17 min Scan# 1375

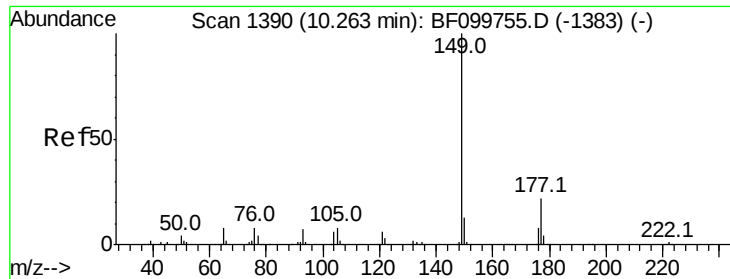
Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Tgt Ion:	232	Resp:	83723
Ion Ratio	Lower	Upper	
232	100		
131	46.3	43.8	65.8
130	2.0	2.1	3.1#
166	32.6	27.8	41.6





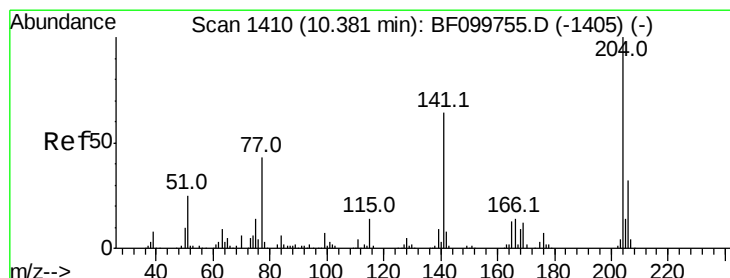
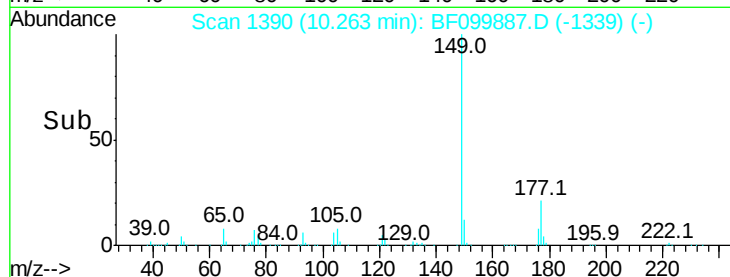
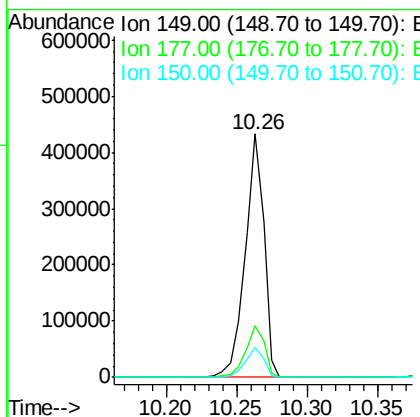
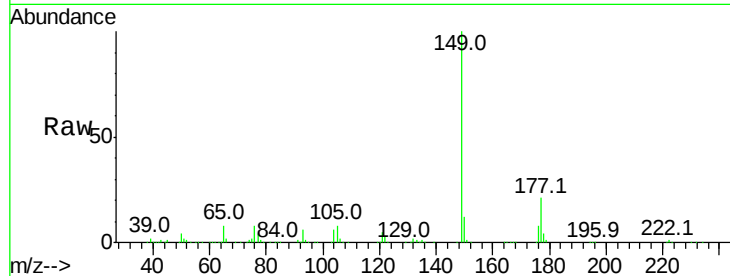
#59
Diethylphthalate
Concen: 29.033 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	402818		
177	21.3	16.1	24.1	
150	12.2	10.1	15.1	

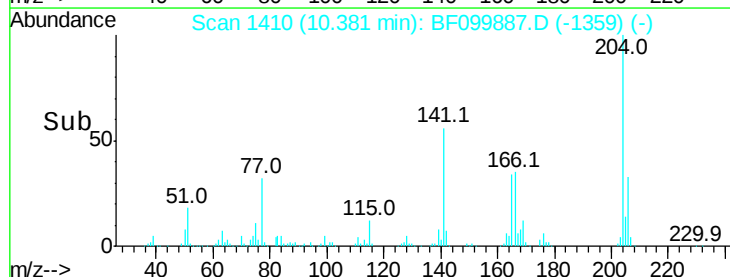
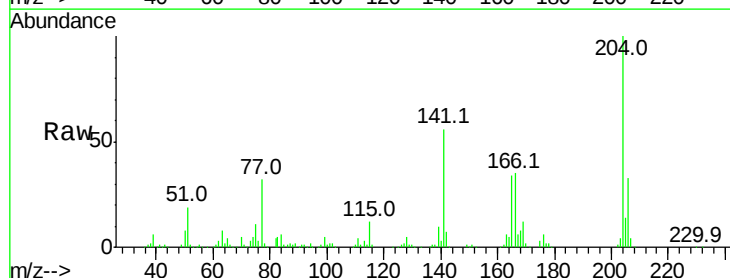
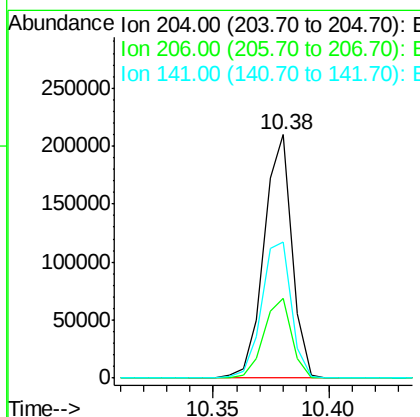
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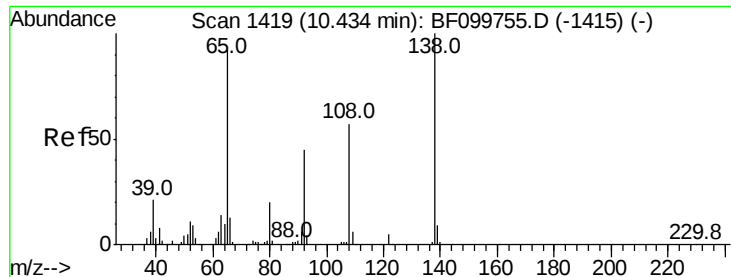
Sohil
10/30/2017 6:16:40 PM



#60
4-Chlorophenyl-phenylether
Concen: 29.008 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	176986		
206	33.0	26.5	39.7	
141	56.0	54.6	81.8	





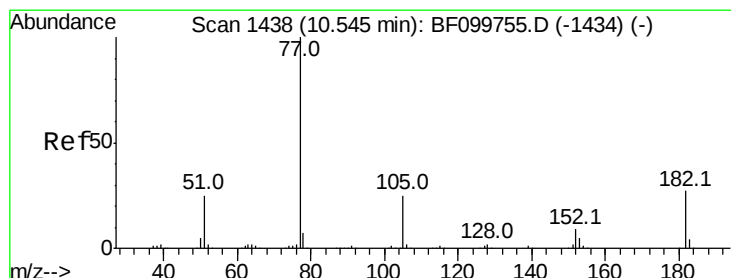
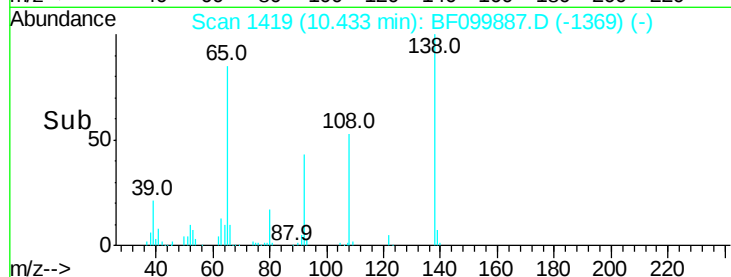
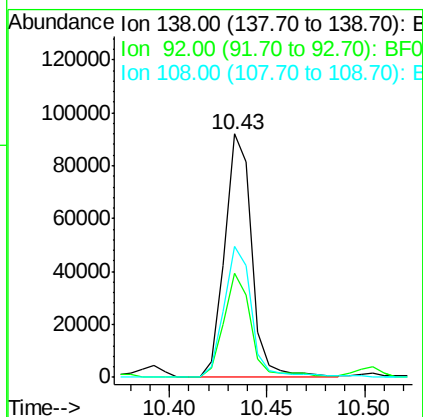
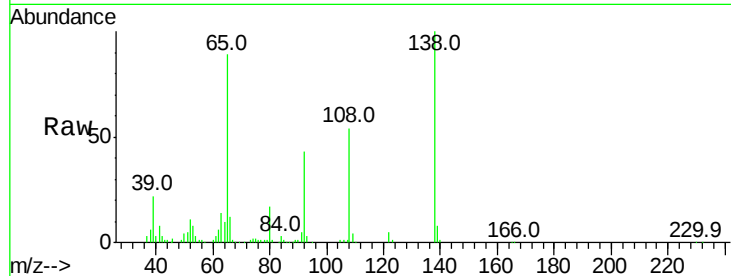
#61
4-Nitroaniline
Concen: 26.570 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.9	30.2	70.2
108	53.7	52.5	92.5

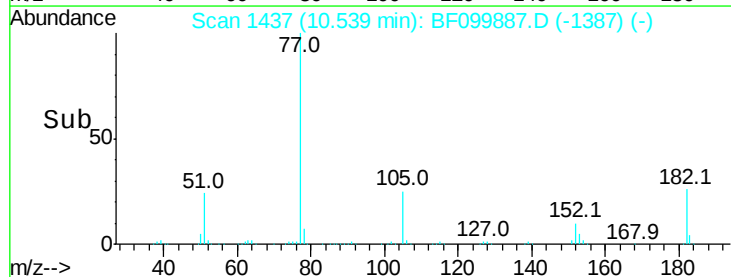
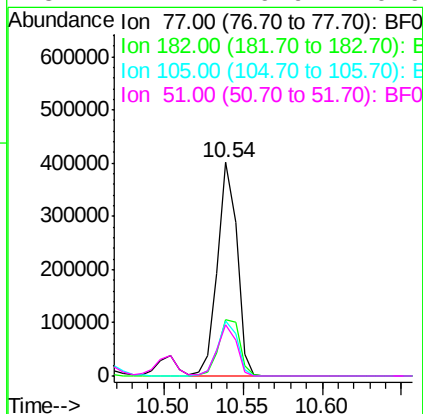
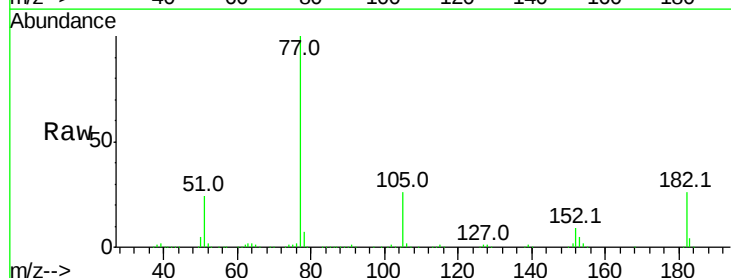
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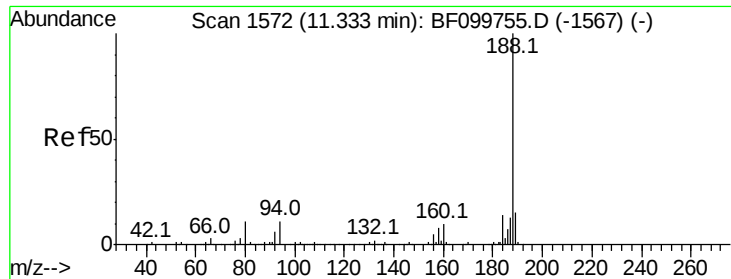
Sohil
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#62
Azobenzene
Concen: 29.626 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	1.7	41.7
105	25.7	3.0	43.0
51	24.2	9.9	49.9





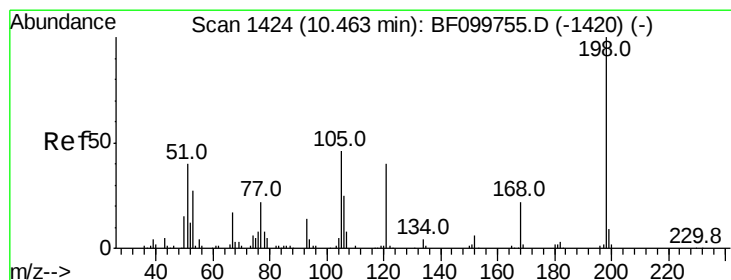
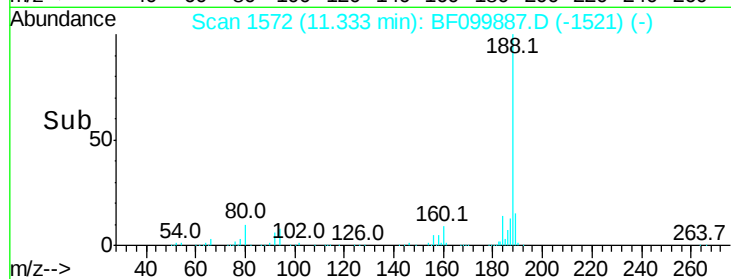
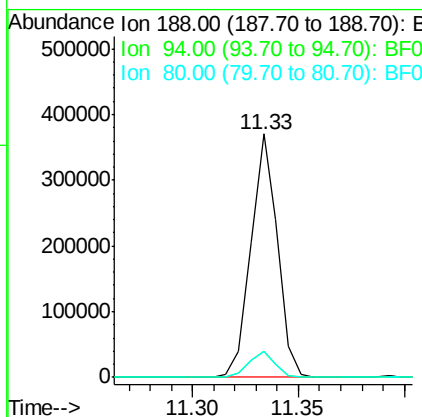
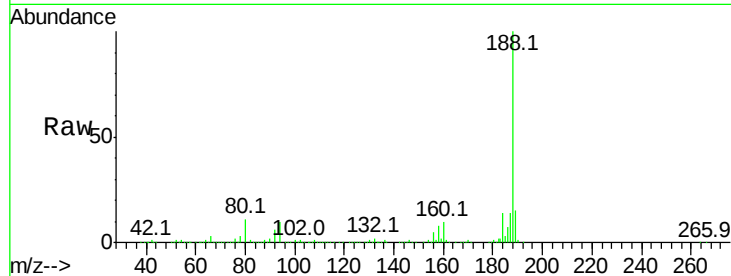
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.5	8.5	12.7
80	10.8	9.2	13.8

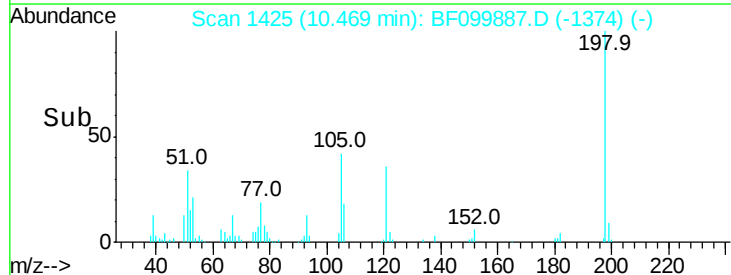
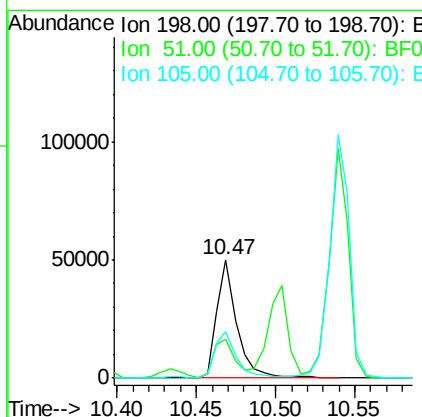
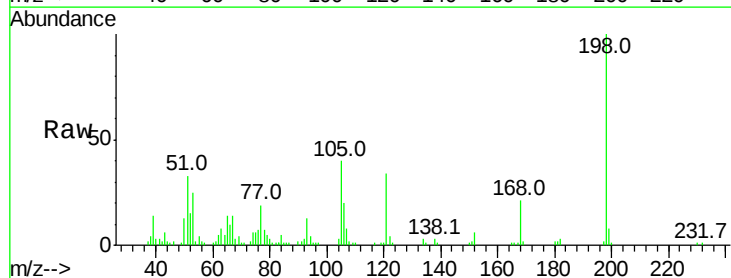
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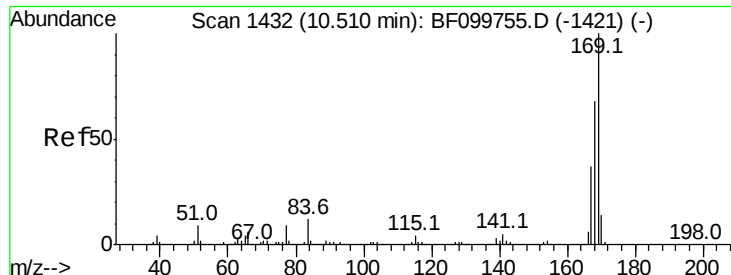
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 21.767 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	32.8	37.7	77.7#
105	39.8	36.3	76.3





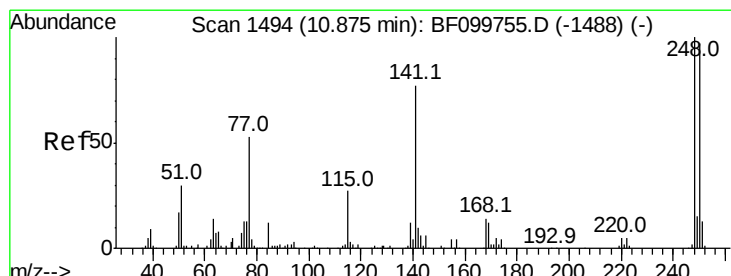
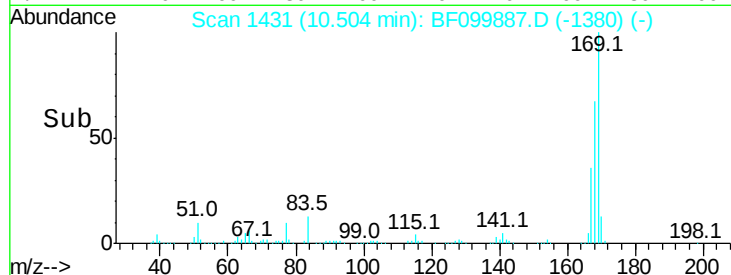
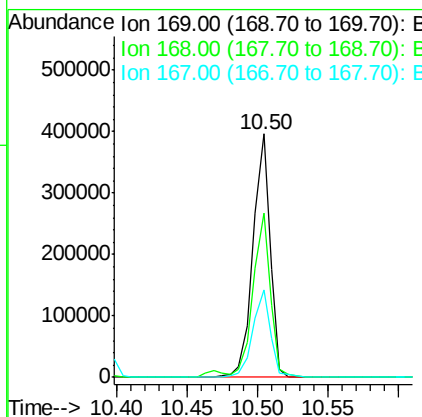
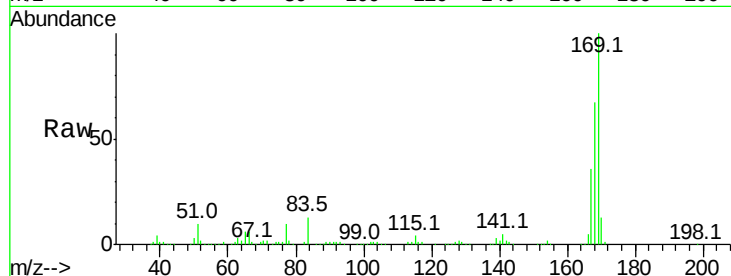
#65
 n-Nitrosodiphenylamine
 Concen: 28.666 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampled :
 PB103711BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.2	54.4	81.6	
167	35.9	29.8	44.6	

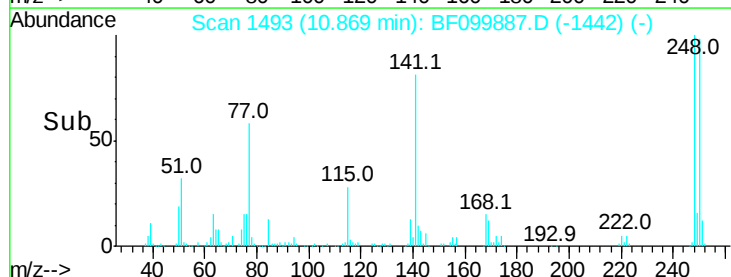
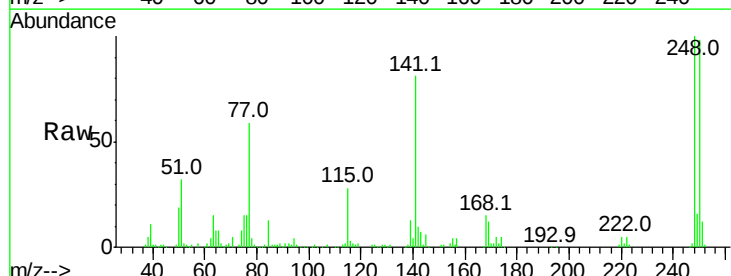
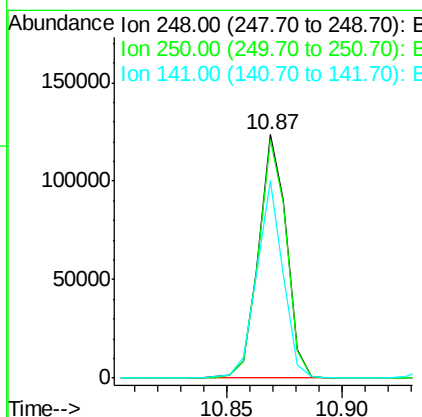
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#66
 4-Bromophenyl-phenylether
 Concen: 30.596 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.9	76.9	115.3	
141	81.1	74.4	111.6	





#67

Hexachlorobenzene

Concen: 29.597 ng

RT: 10.95 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Instrument :

BNA_F

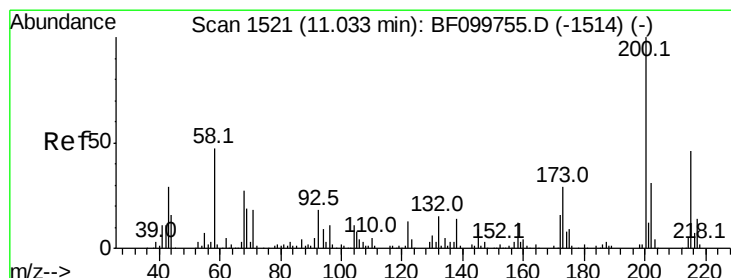
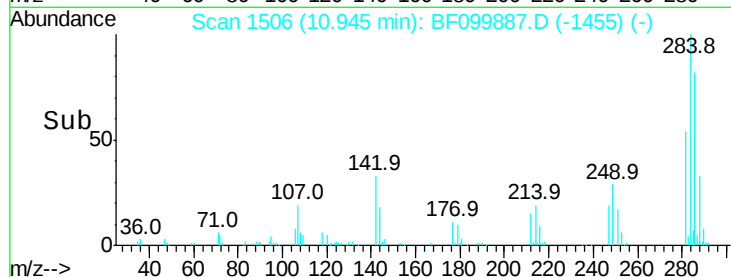
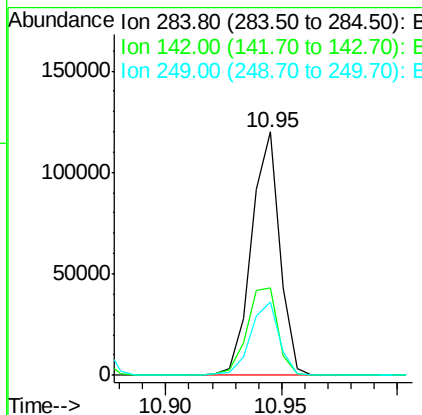
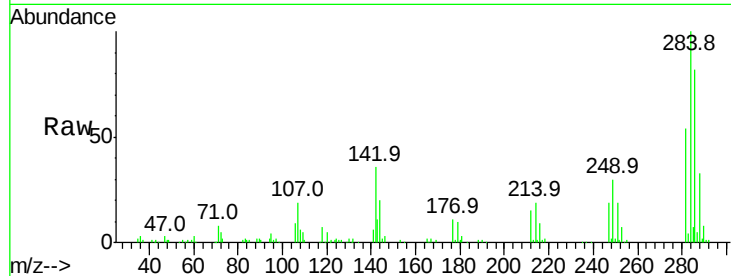
ClientSampleId :

PB103711BS

Tot Ion:	284	Resp:	102715
Ion Ratio	Lower	Upper	
284	100		
142	36.0	34.6	52.0
249	30.4	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 28.902 ng

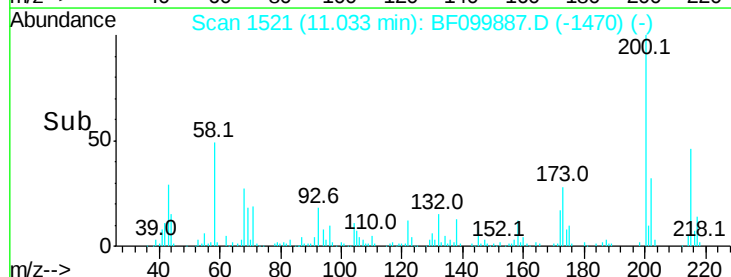
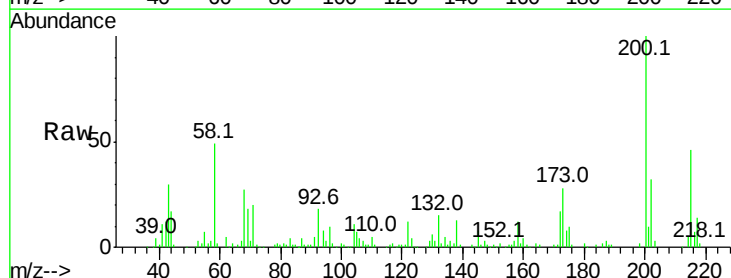
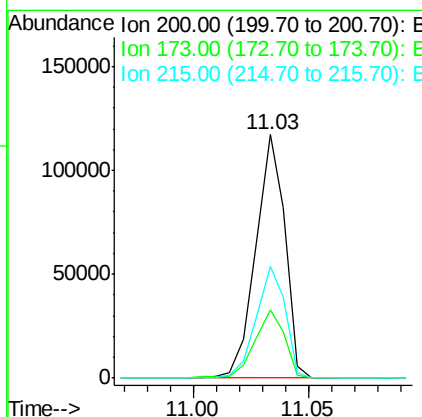
RT: 11.03 min Scan# 1521

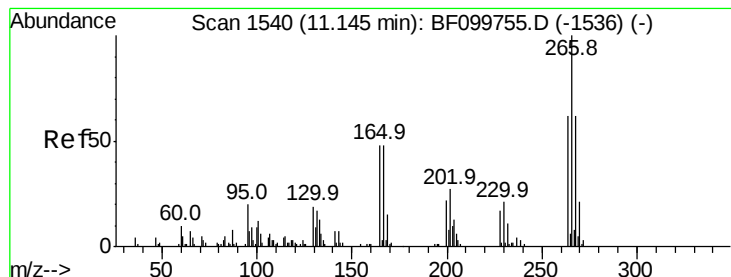
Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Tgt Ion:	200	Resp:	103266
Ion Ratio	Lower	Upper	
200	100		
173	27.9	8.6	48.6
215	45.7	25.1	65.1





#69

Pentachlorophenol

Concen: 52.485 ng

RT: 11.15 min Scan# 1541

Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Instrument :

BNA_F

ClientSampleId :

PB103711BS

Tot Ion:266 Resp: 77831

Ion Ratio Lower Upper

266 100

268 62.2 51.1 76.7

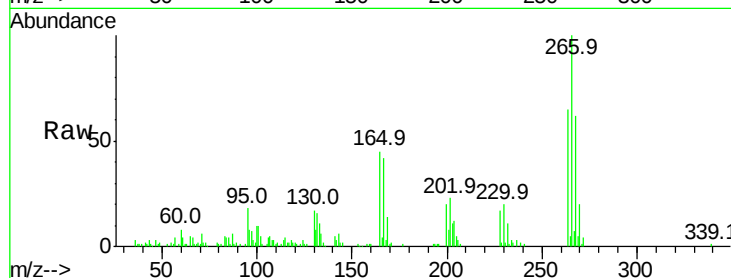
264 65.0 49.5 74.3

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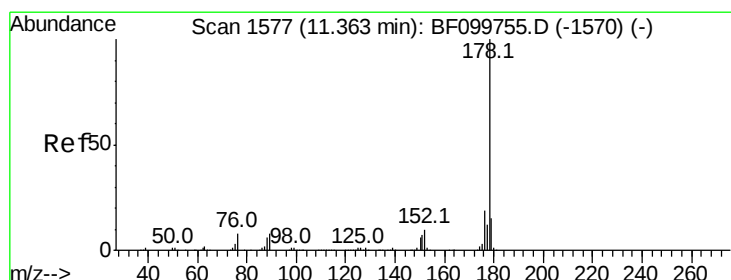
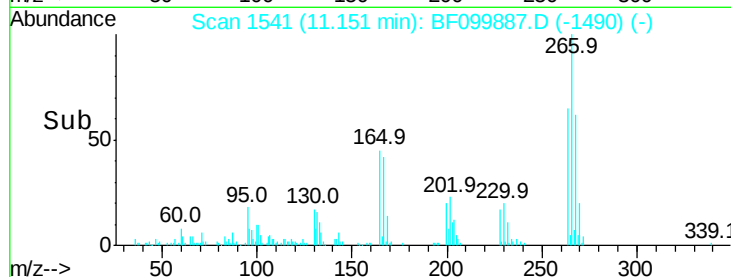
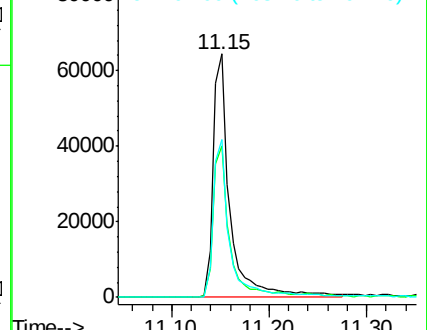
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 29.397 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

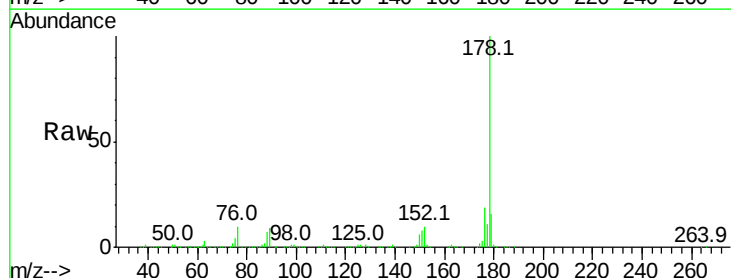
Tgt Ion:178 Resp: 534574

Ion Ratio Lower Upper

178 100

176 18.8 15.8 23.8

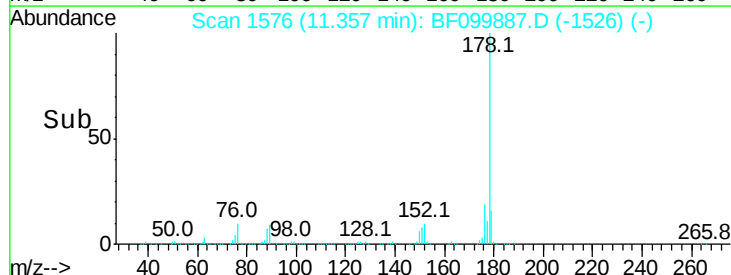
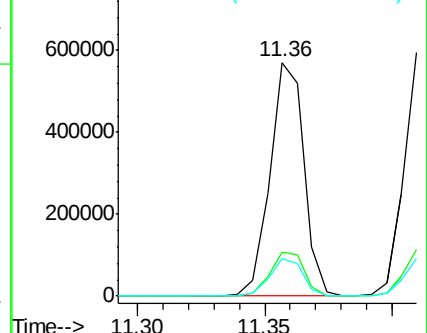
179 16.0 13.0 19.6

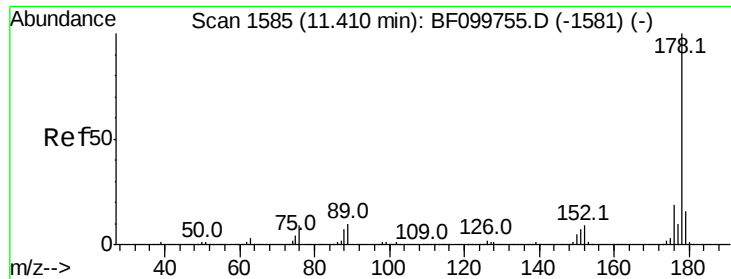


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





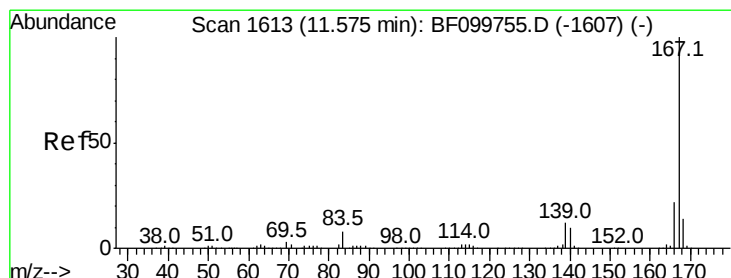
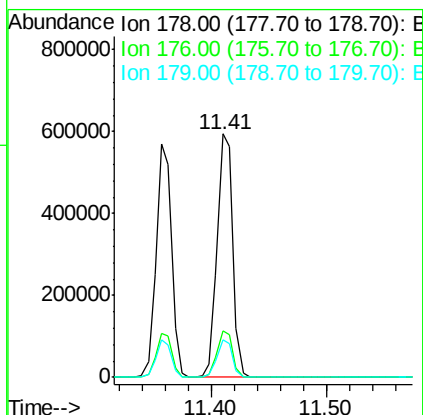
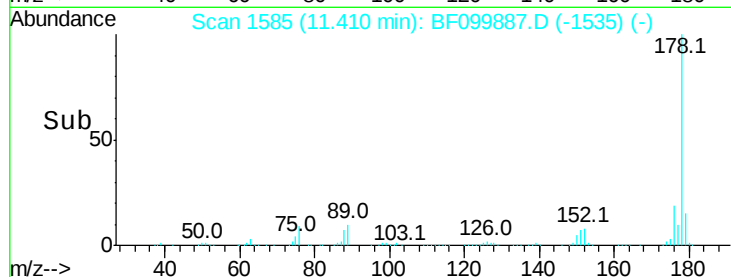
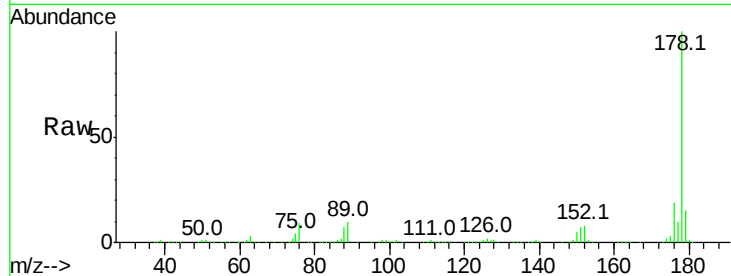
#71
 Anthracene
 Concen: 30.280 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB103711BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.6	19.0

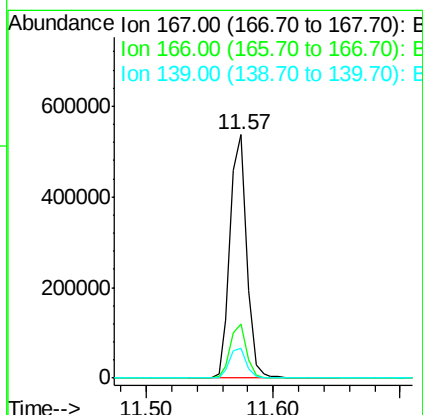
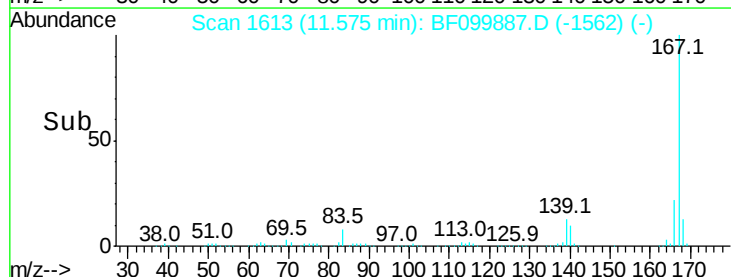
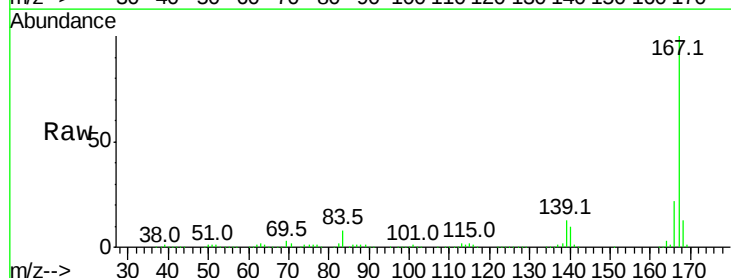
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#72
 Carbazole
 Concen: 27.950 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.6	26.4
139	12.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 28.809 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Instrument :

BNA_F

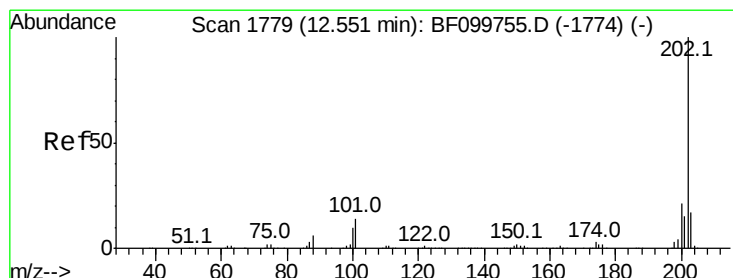
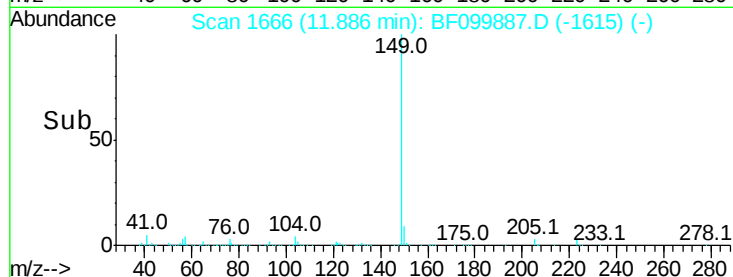
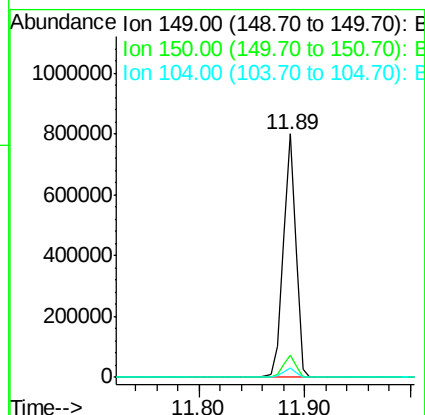
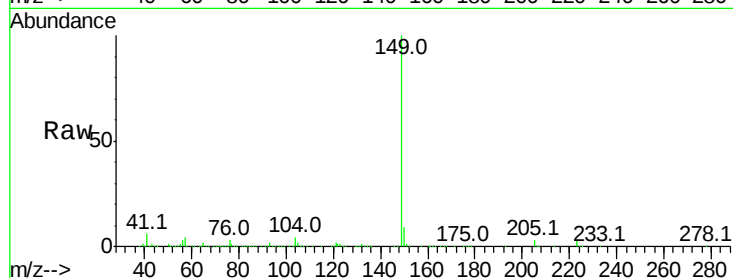
ClientSampled :

PB103711BS

Tot Ion:	149	Resp:	637814
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	3.8	3.8	5.8#

Manual Integrations
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#74

Fluoranthene

Concen: 28.068 ng

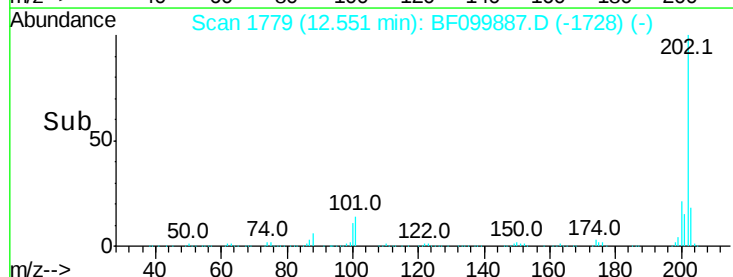
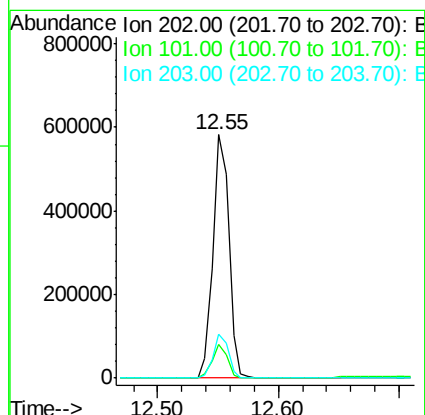
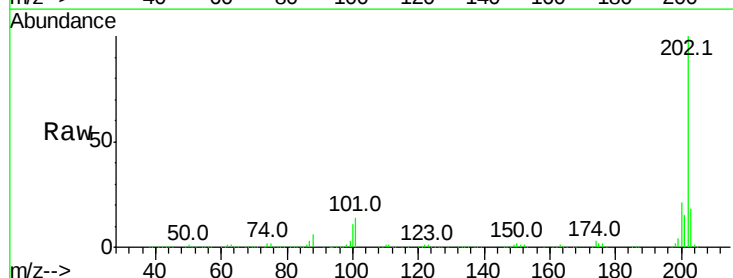
RT: 12.55 min Scan# 1779

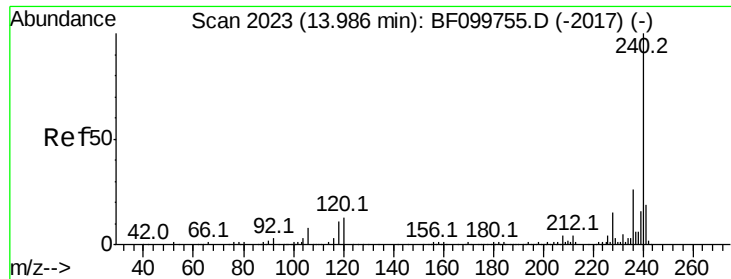
Delta R.T. 0.00 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Tgt Ion:	202	Resp:	530419
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF099887.D

Acq: 27 Oct 2017 20:55

Instrument :

BNA_F

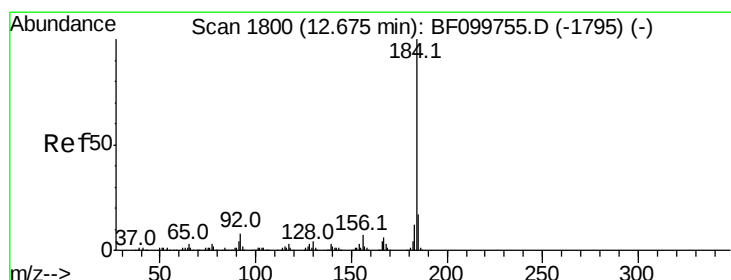
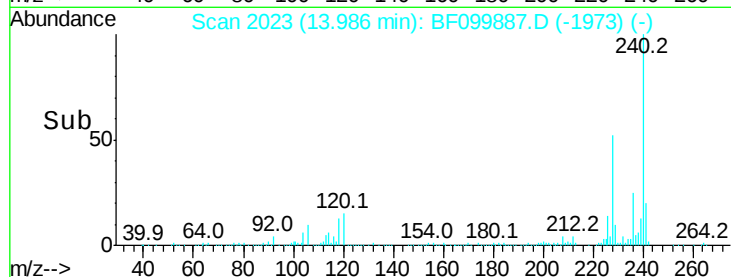
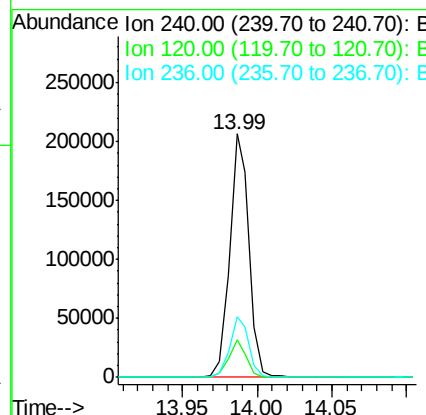
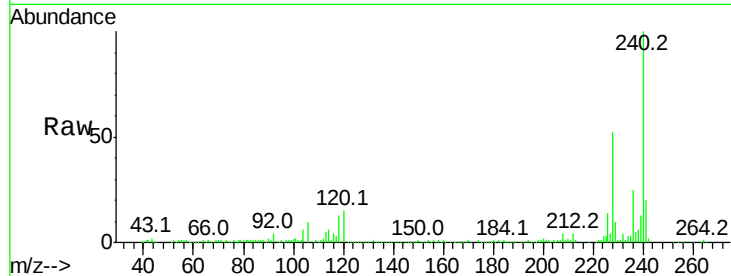
ClientSampleID :

PB103711BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	24.9	20.7	31.1

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#76

Benzidine

Concen: 16.212 ng

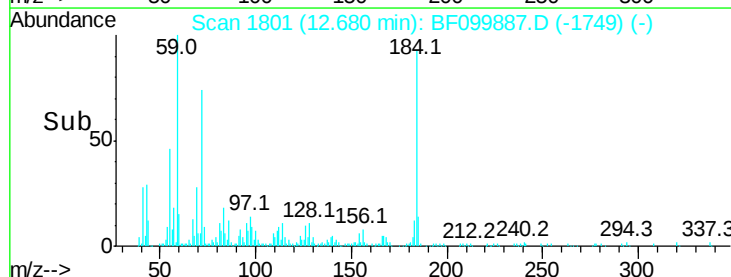
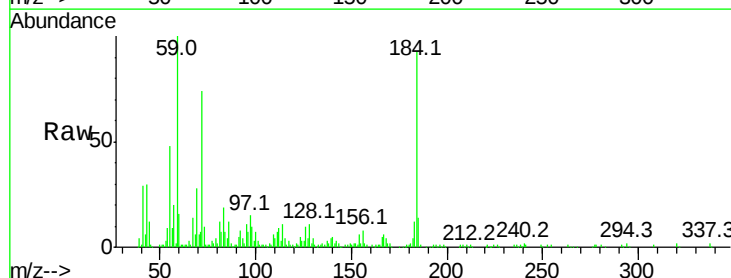
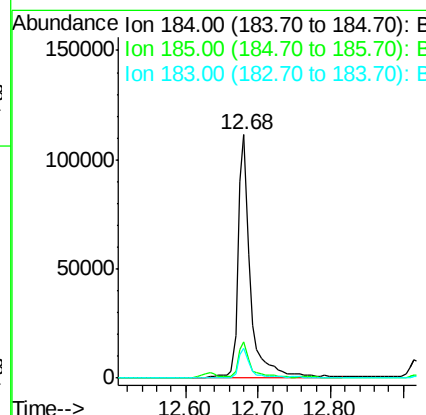
RT: 12.68 min Scan# 1801

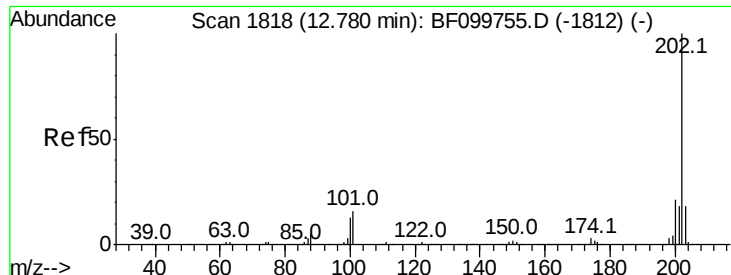
Delta R.T. 0.01 min

Lab File: BF099887.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	12.5	9.3	13.9





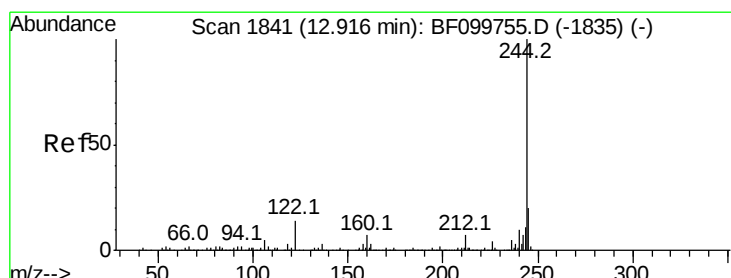
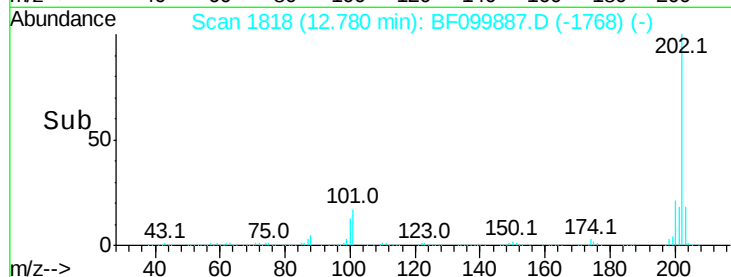
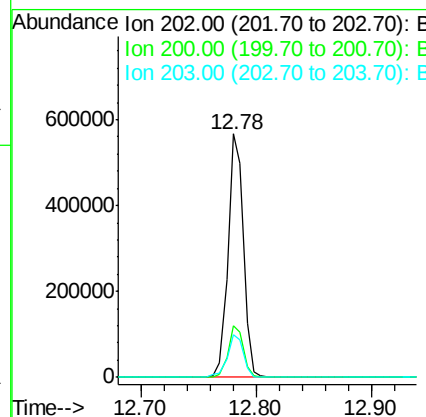
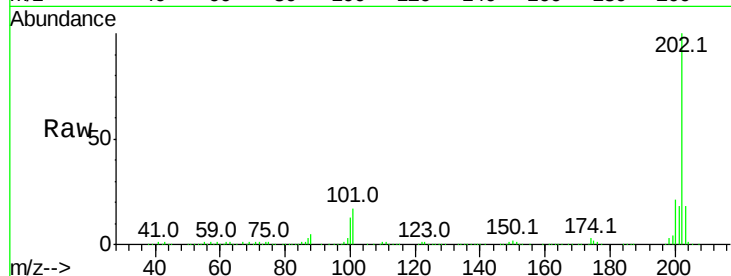
#77
Pvrene
Concen: 36.711 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.6	14.3	21.5

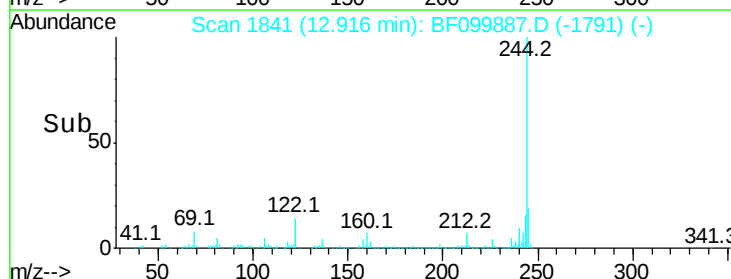
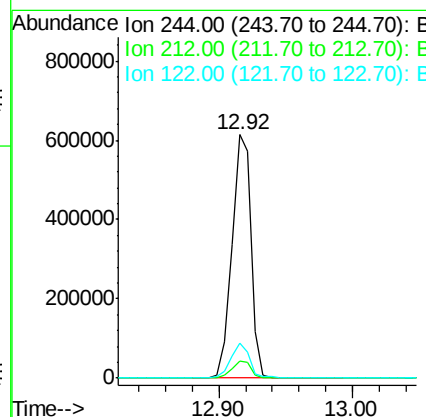
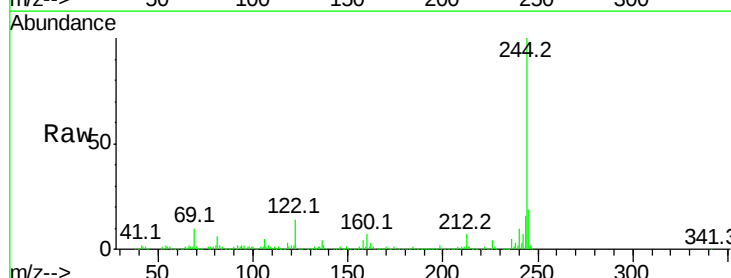
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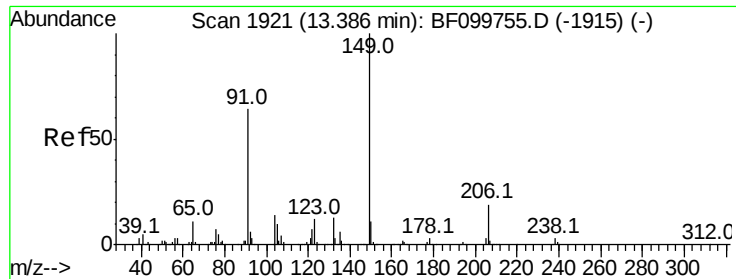
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#78
Terphenyl-d14
Concen: 72.021 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.8	5.4	8.0
122	14.1	11.0	16.4





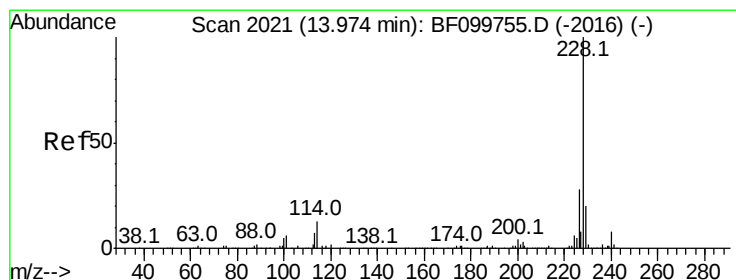
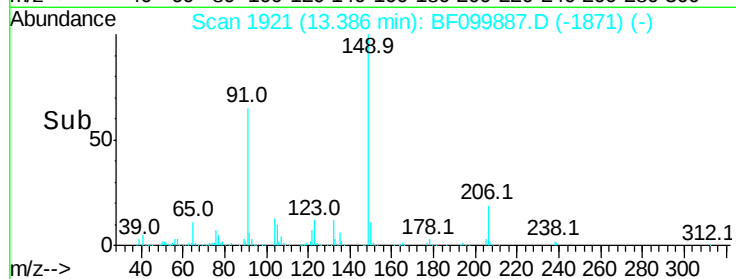
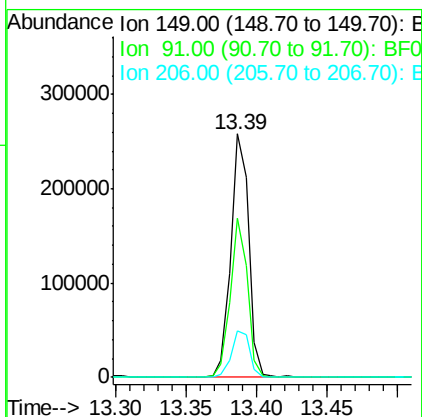
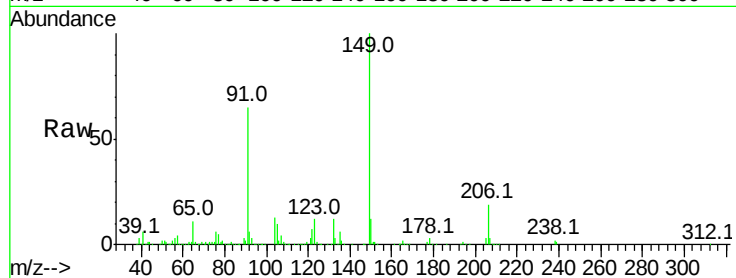
#79
Butylbenzylphthalate
Concen: 32.289 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	226952		
91	65.3	56.8	85.2	
206	19.0	14.1	21.1	

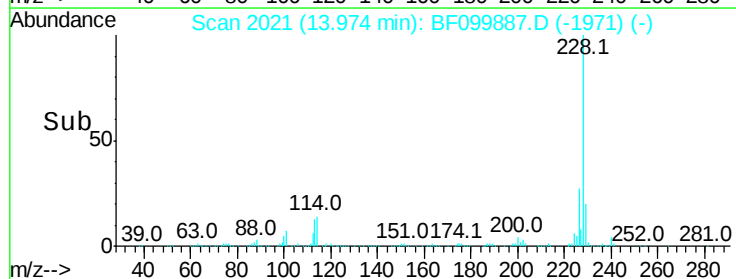
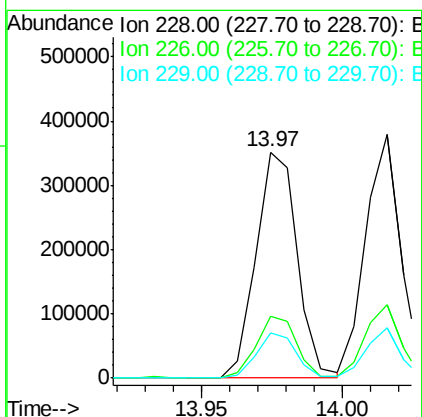
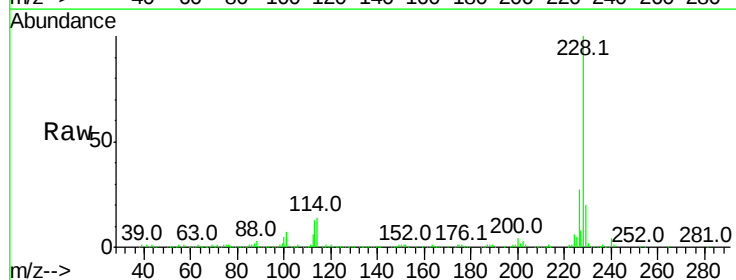
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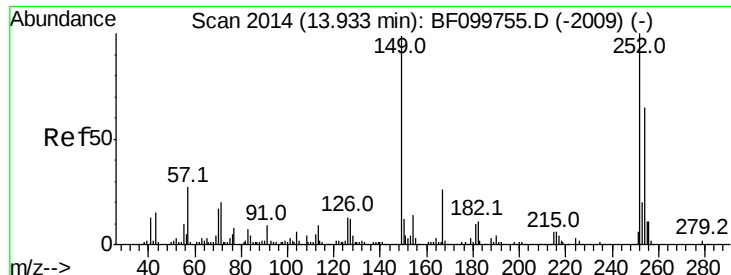
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#80
Benzo(a)anthracene
Concen: 29.896 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	355754		
226	27.4	22.6	33.8	
229	19.8	15.8	23.6	





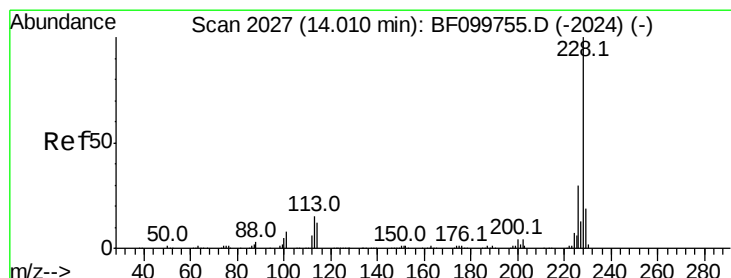
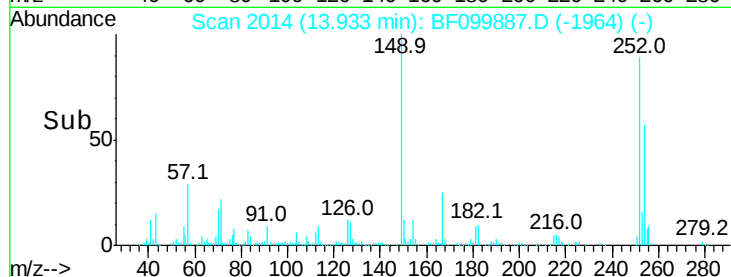
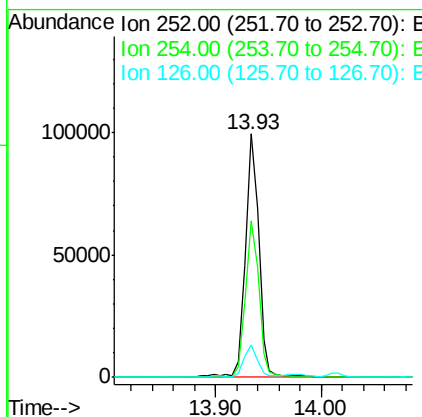
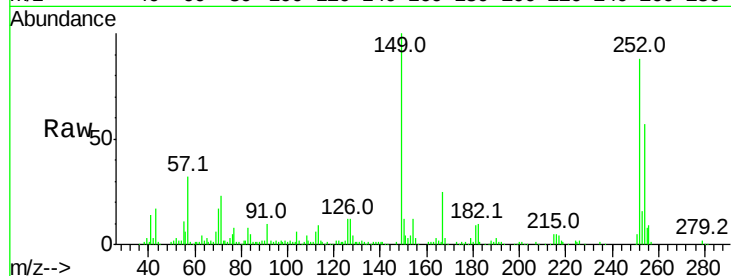
#81
 3,3'-Dichlorobenzidine
 Concen: 20.368 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB103711BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	13.2	11.3	16.9

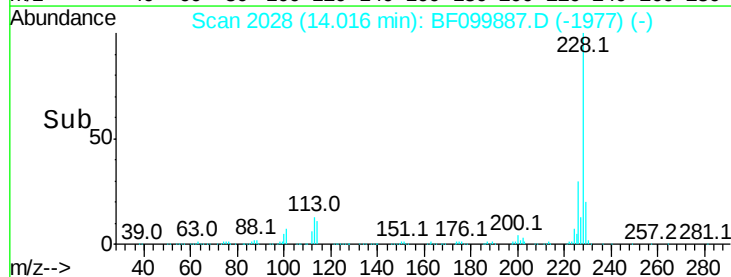
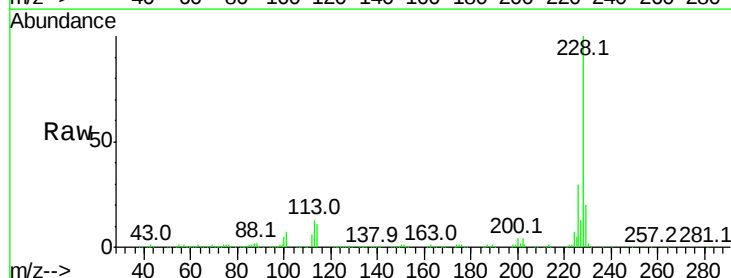
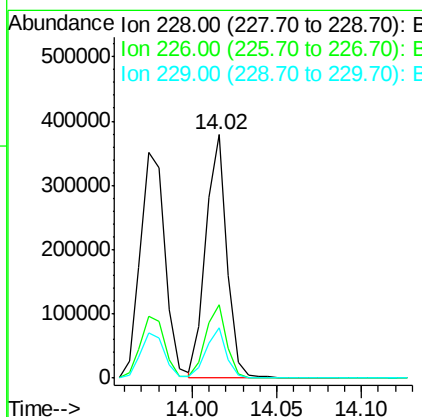
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#82
 Chrysene
 Concen: 29.450 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	20.4	16.2	24.4





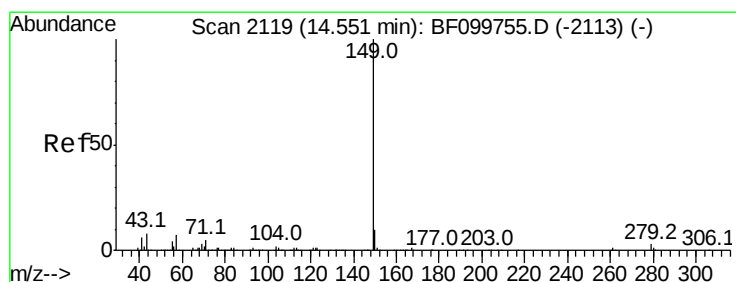
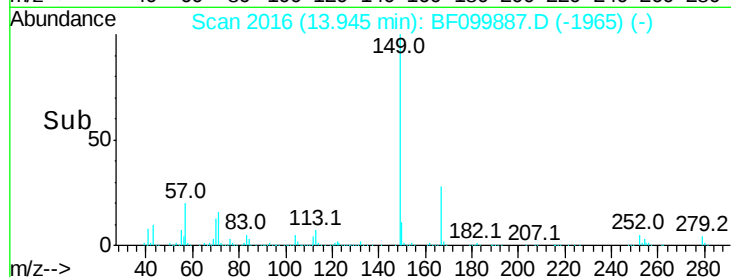
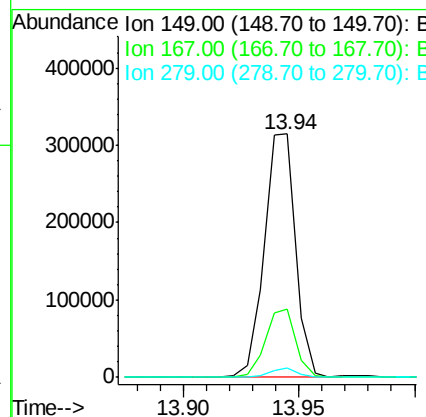
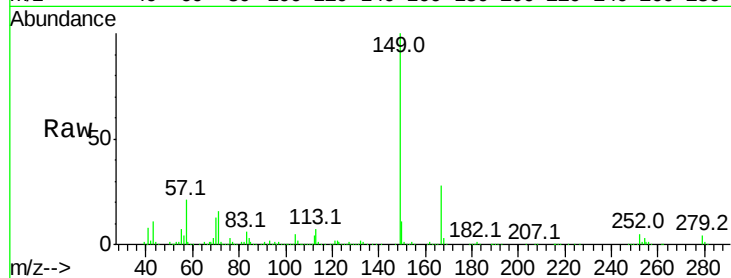
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 29.895 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB103711BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	295076		
167	28.2		21.3	31.9
279	3.9		3.0	4.4

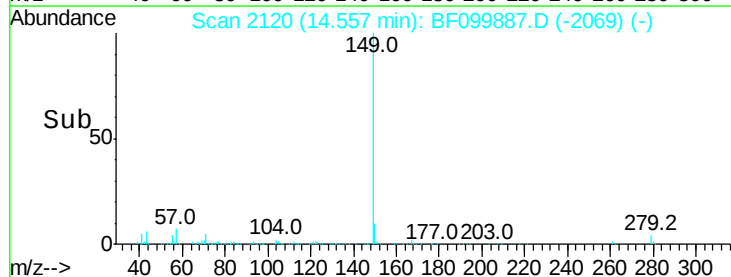
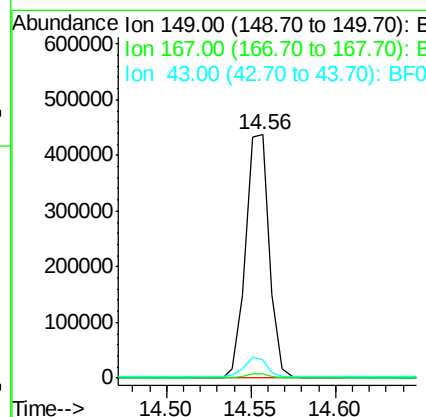
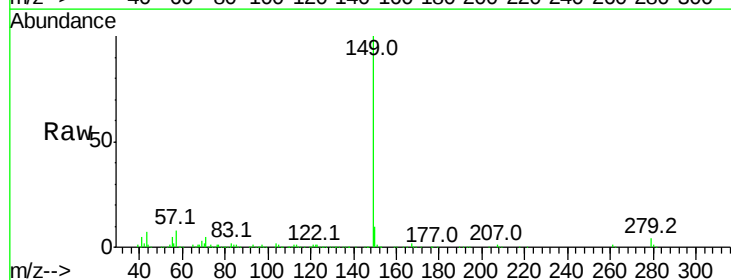
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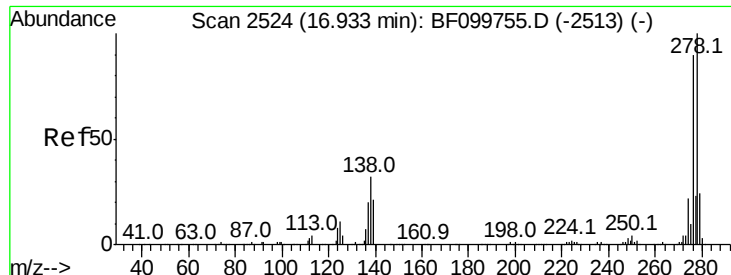
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#84
 Di-n-octyl phthalate
 Concen: 25.093 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	425105		
167	1.5		1.2	1.8
43	7.4		8.4	12.6#





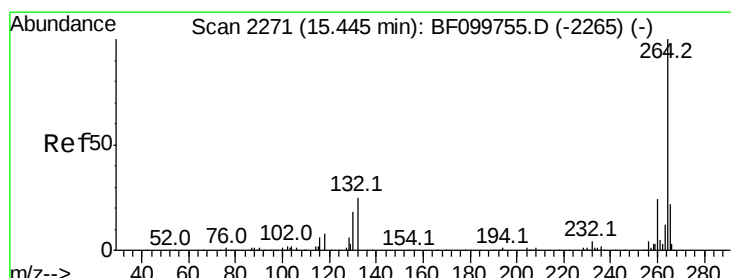
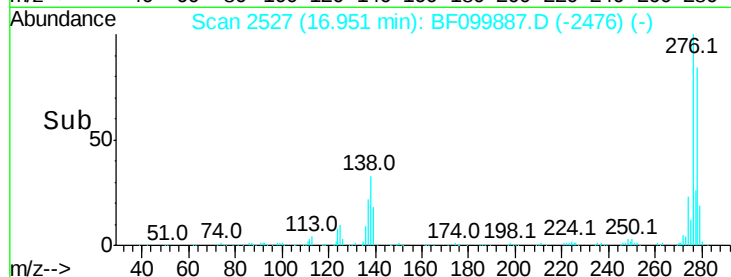
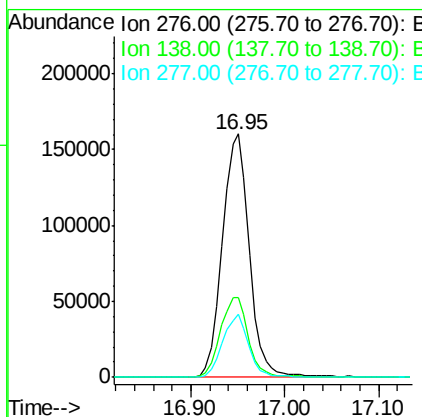
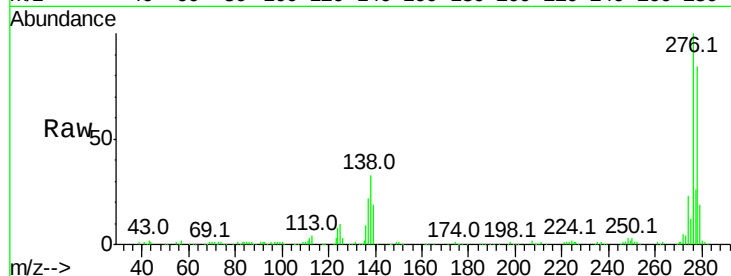
#85
Indeno(1,2,3-cd)pyrene
Concen: 31.150 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.5	25.0	37.6
277	24.9	20.1	30.1

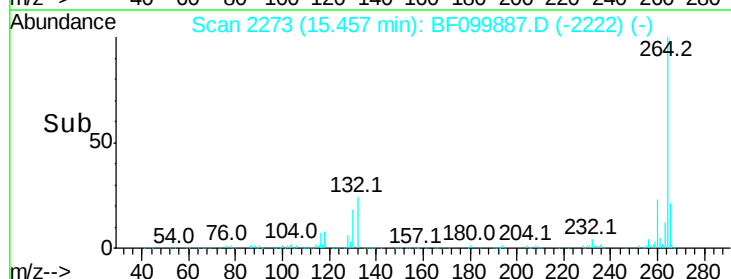
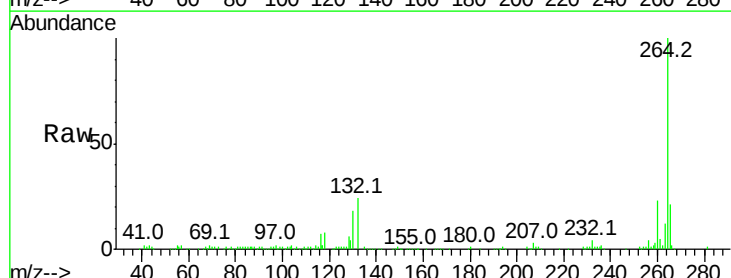
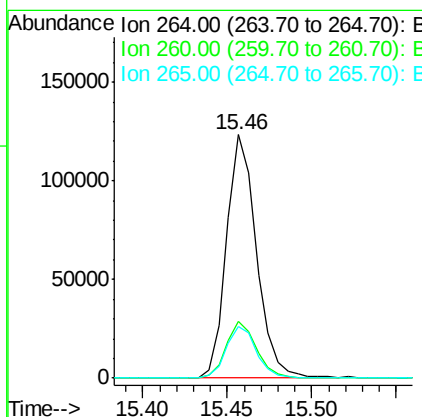
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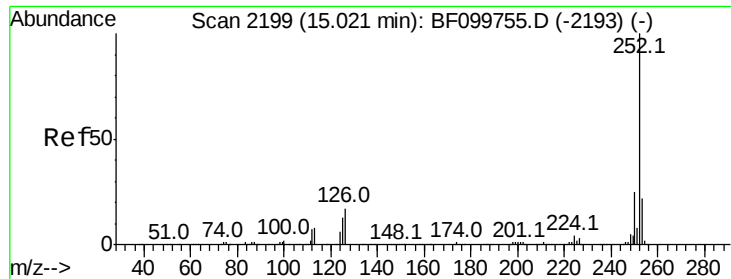
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.4	17.5	26.3





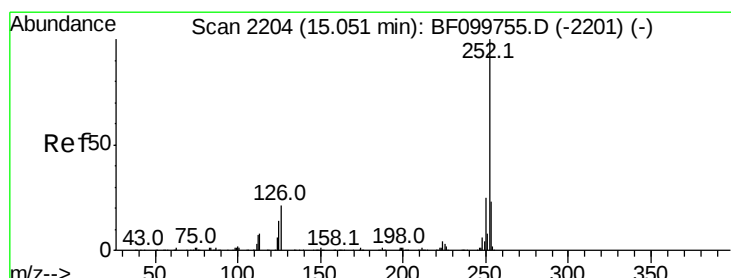
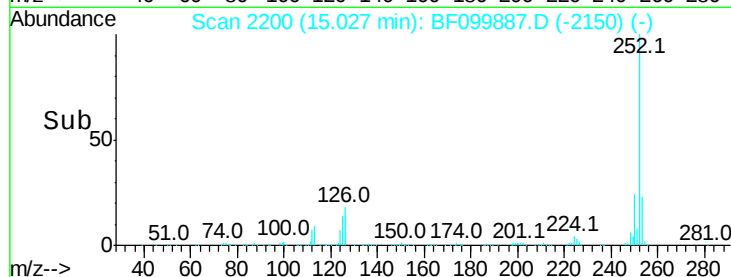
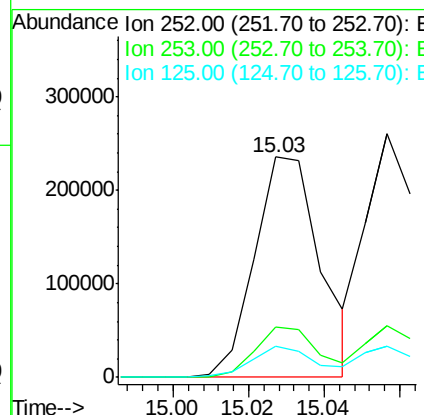
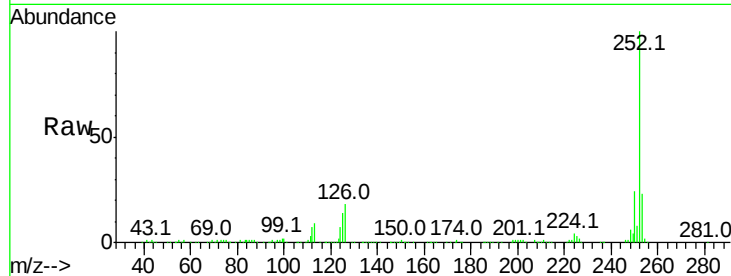
#87
Benzo(b)fluoranthene
Concen: 29.725 ng m
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	286215		
253	22.7	17.0	25.6	
125	13.9	9.0	13.6	

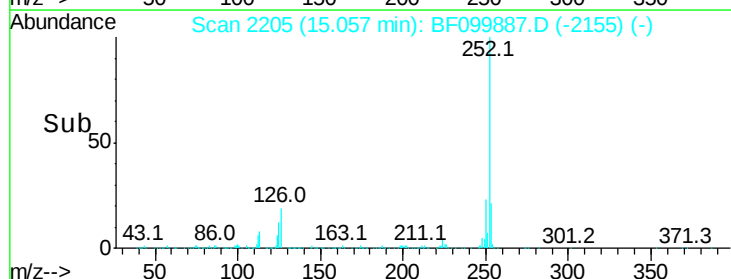
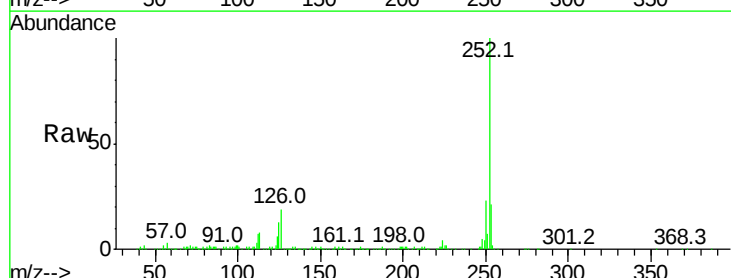
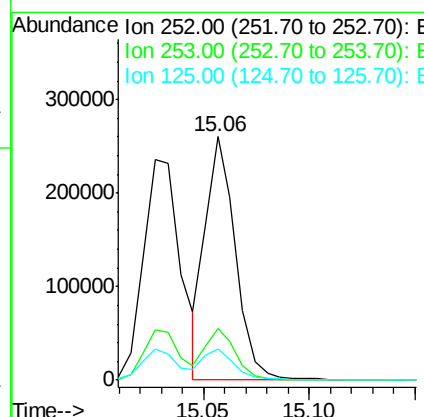
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#88
Benzo(k)fluoranthene
Concen: 28.267 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	256658		
253	21.2	17.9	26.9	
125	12.8	10.2	15.2	





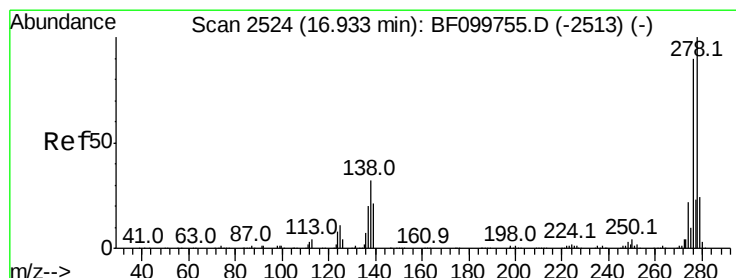
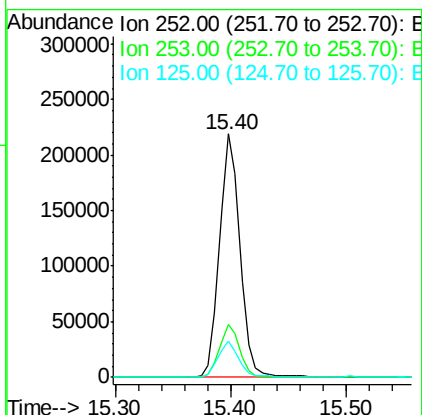
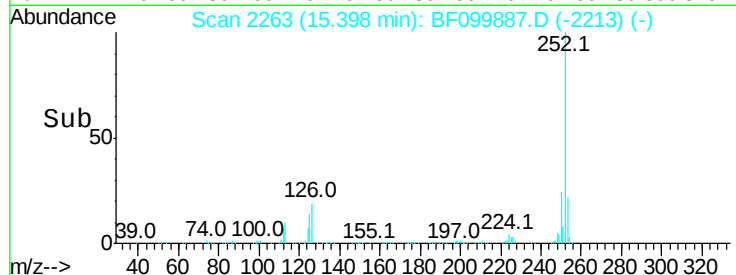
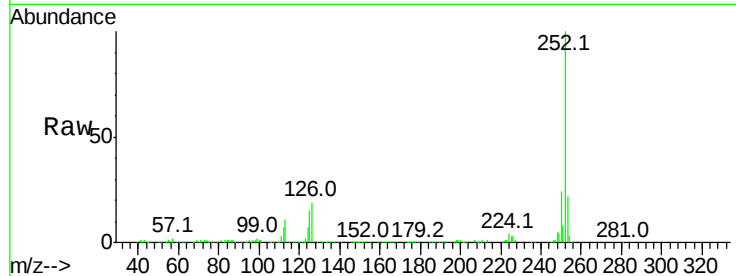
#89
Benzo(a)pyrene
Concen: 31.126 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Instrument :
BNA_F
ClientSampleId :
PB103711BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.8	9.8	14.6

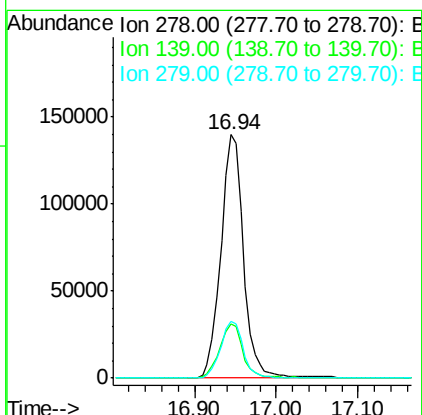
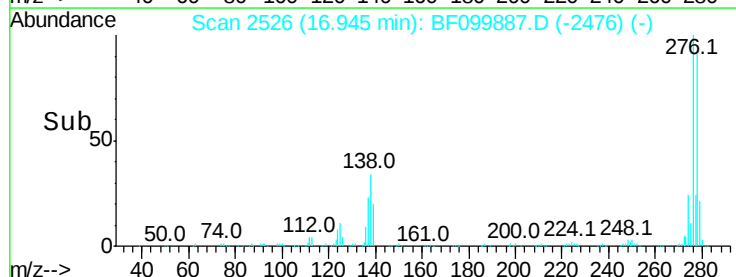
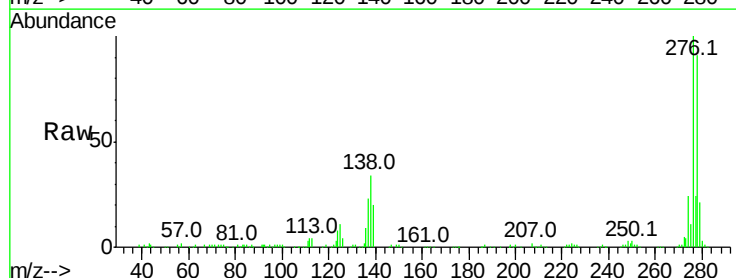
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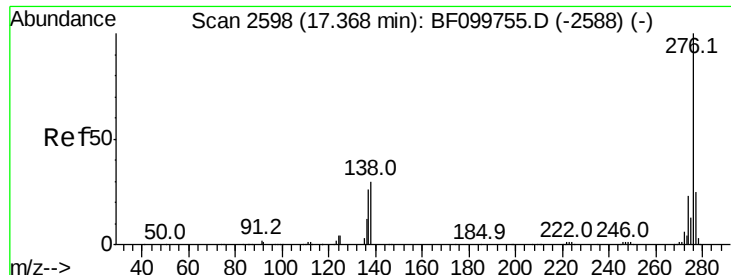
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#90
Dibenzo(a,h)anthracene
Concen: 35.154 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BF099887.D
Acq: 27 Oct 2017 20:55

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	22.1	15.9	23.9
279	23.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 37.586 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BF099887.D
 Acq: 27 Oct 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 PB103711BS

Tot Ion:	276	Resp:	282618
Ion Ratio	Lower	Upper	
276	100		
277	23.3	17.9	26.9
138	28.4	21.8	32.8

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