

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099823.D
 Acq On : 25 Oct 2017 19:51
 Operator : SJ/JU
 Sample : PB103580BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BS

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:59:01 AM

Quant Time: Oct 26 03:02:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	69706	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	292079	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	132717	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	234510	20.00	ng	0.00
75) Chrysene-d12	13.99	240	167642	20.00	ng	0.00
86) Perylene-d12	15.46	264	151897	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	439294	98.94	ng	0.00
7) Phenol-d6	6.44	99	513398	97.52	ng	0.00
23) Nitrobenzene-d5	7.36	82	289697	63.86	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	114107	94.34	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	625893	72.76	ng	0.00
78) Terphenyl-d14	12.92	244	529672	69.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	56546	28.840	ng	# 89
3) Pyridine	3.35	79	136653	28.983	ng	# 87
4) n-Nitrosodimethylamine	3.27	42	50733	30.119	ng	# 77
6) Aniline	6.46	93	103198	15.118	ng	# 91
8) 2-Chlorophenol	6.58	128	160626	33.944	ng	94
9) Benzaldehyde	6.35	77	86726	27.568	ng	92
10) Phenol	6.45	94	190161	32.899	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	143667	32.187	ng	94
12) 1,3-Dichlorobenzene	6.73	146	171924m	32.358	ng	
13) 1,4-Dichlorobenzene	6.81	146	172764	32.038	ng	97
14) 1,2-Dichlorobenzene	6.96	146	165143	33.602	ng	97
15) Benzyl Alcohol	6.95	79	114414	34.173	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	184900	37.291	ng	75
17) 2-Methylphenol	7.06	107	128225	32.395	ng	96
18) Hexachloroethane	7.30	117	55274	30.724	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	98284	31.857	ng	92
20) 3+4-Methylphenols	7.21	107	165162	35.835	ng	# 61
22) Acetophenone	7.20	105	208574	31.363	ng	# 94
24) Nitrobenzene	7.38	77	146139	31.969	ng	92
25) Isophorone	7.62	82	277530	33.712	ng	97
26) 2-Nitrophenol	7.70	139	85358	32.602	ng	# 87
27) 2,4-Dimethylphenol	7.73	122	142877	37.037	ng	96
28) bis(2-Chloroethoxy)methane	7.83	93	186414	32.333	ng	100
29) 2,4-Dichlorophenol	7.95	162	135238	33.747	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	137933	32.214	ng	98
31) Naphthalene	8.10	128	456084	32.349	ng	99
32) Benzoic acid	7.87	122	66337	19.537	ng	96
33) 4-Chloroaniline	8.16	127	73249	12.582	ng	95
34) Hexachlorobutadiene	8.21	225	69891	31.734	ng	97
35) Caprolactam	8.53	113	41470	32.907	ng	# 76
36) 4-Chloro-3-methylphenol	8.65	107	132650	32.431	ng	89
37) 2-Methylnaphthalene	8.79	142	318465	33.706	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	126853	29.594	ng	# 97
40) Hexachlorocyclopentadiene	8.94	237	6700	18.921	ng	94

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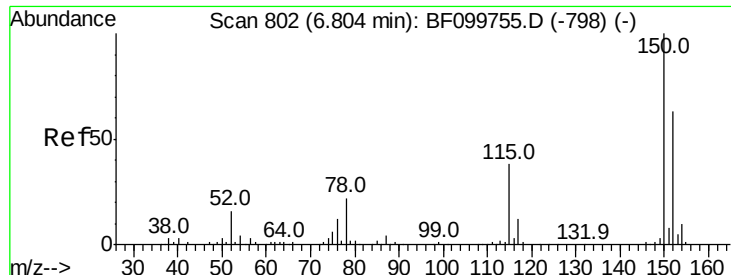
Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:59:01 AM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	86832	33.490	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	90692	32.962	nq	93
45) 1,1'-Biphenyl	9.26	154	366844	30.555	nq	98
46) 2-Chloronaphthalene	9.29	162	286185	32.822	nq	96
47) 2-Nitroaniline	9.39	65	73146	31.963	nq	87
48) Acenaphthylene	9.70	152	423485	31.534	nq	100
49) Dimethylphthalate	9.56	163	336447	32.012	nq	99
50) 2,6-Dinitrotoluene	9.63	165	72600	32.859	nq	# 82
51) Acenaphthene	9.87	154	255525	31.140	nq	99
52) 3-Nitroaniline	9.80	138	51727	19.869	nq	92
53) 2,4-Dinitrophenol	9.93	184	11136	17.607	nq	# 79
54) Dibenzofuran	10.05	168	379372	32.753	nq	97
55) 4-Nitrophenol	9.99	139	82867	60.919	nq	82
56) 2,4-Dinitrotoluene	10.05	165	88002	33.073	nq	95
57) Fluorene	10.39	166	303959	31.694	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	64445	33.406	nq	96
59) Diethylphthalate	10.26	149	320186	31.196	nq	97
60) 4-Chlorophenyl-phenylether	10.38	204	142209	31.507	nq	89
61) 4-Nitroaniline	10.43	138	64731	26.061	nq	81
62) Azobenzene	10.54	77	267274	31.065	nq	91
64) 4,6-Dinitro-2-methylphenol	10.46	198	14578	9.889	nq	85
65) n-Nitrosodiphenylamine	10.50	169	268247	30.987	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	80102	32.445	nq	91
67) Hexachlorobenzene	10.94	284	78455	31.062	nq	95
68) Atrazine	11.03	200	83525	32.120	nq	98
69) Pentachlorophenol	11.15	266	58498	54.202	nq	98
70) Phenanthrene	11.36	178	427095	32.271	nq	98
71) Anthracene	11.41	178	437253	32.549	nq	99
72) Carbazole	11.57	167	406915	32.211	nq	99
73) Di-n-butylphthalate	11.89	149	515932	32.020	nq	98
74) Fluoranthene	12.55	202	431154	31.348	nq	96
76) Benzidine	12.67	184	236480	32.238	nq	98
77) Pyrene	12.78	202	426518	33.459	nq	99
79) Butylbenzylphthalate	13.39	149	209140	33.317	nq	94
80) Benzo(a)anthracene	13.97	228	334603	31.485	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	103695	26.880	nq	98
82) Chrysene	14.01	228	321544	32.183	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	295385	33.509	nq	98
84) Di-n-octyl phthalate	14.56	149	477634	31.569	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.94	276	254097	27.703	nq	96
87) Benzo(b)fluoranthene	15.03	252	299515	31.227	nq	98
88) Benzo(k)fluoranthene	15.06	252	306685	33.908	nq	99
89) Benzo(a)pyrene	15.40	252	289188	33.564	nq	99
90) Dibenzo(a,h)anthracene	16.94	278	220061	28.744	nq	98
91) Benzo(g,h,i)perylene	17.39	276	203982	27.234	nq	99

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



#1

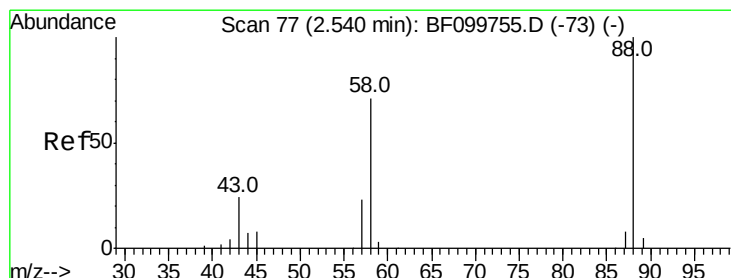
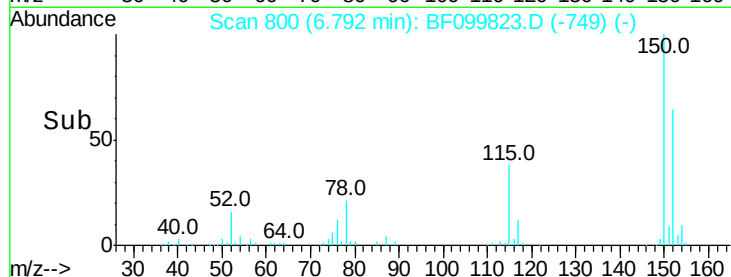
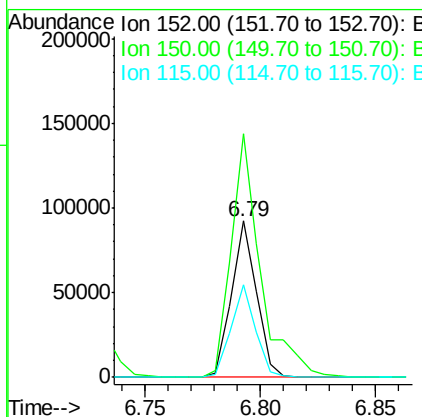
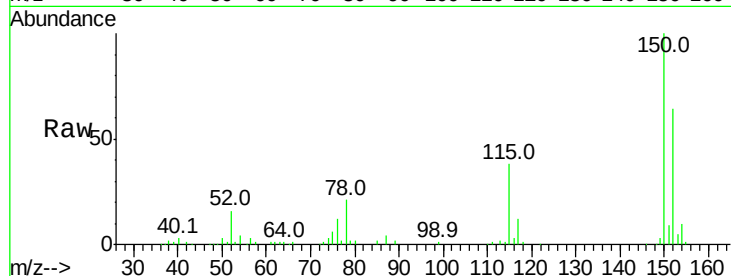
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :
PB103580BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.6	186.8
115	59.1	50.1	75.1

Manual Integrations
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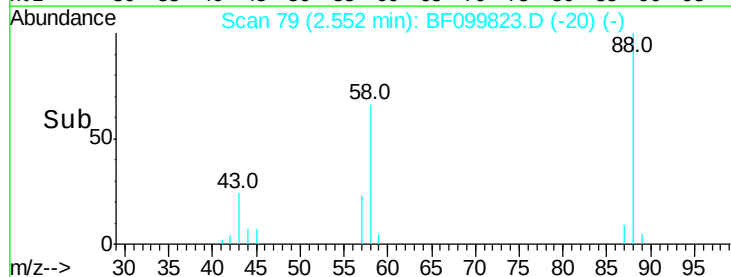
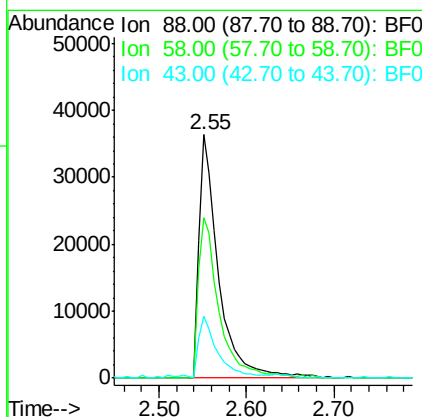
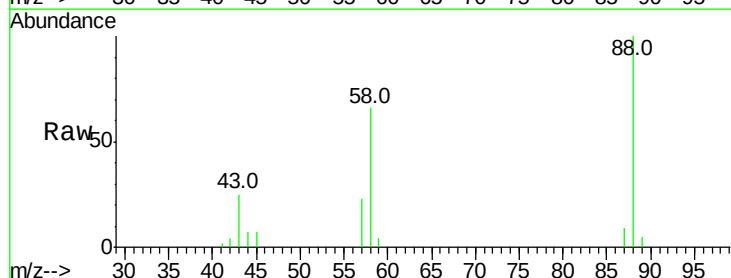
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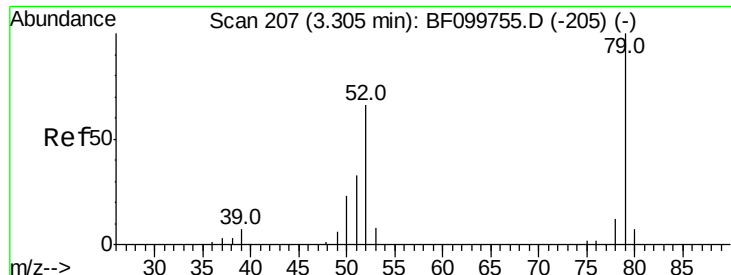


#2

1,4-Dioxane
Concen: 28.840 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.05 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.7	62.6	93.8
43	22.9	24.6	37.0





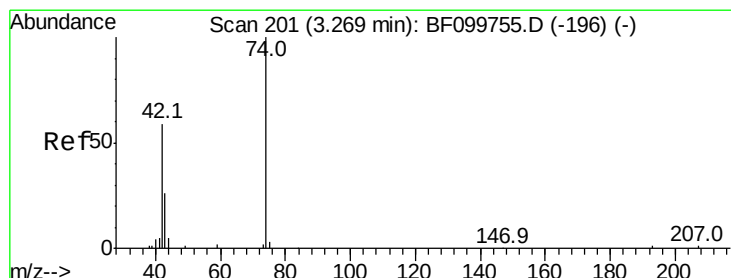
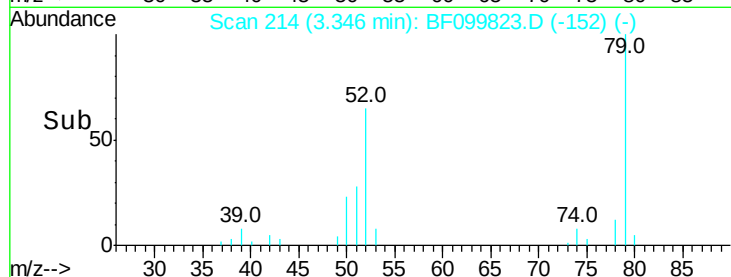
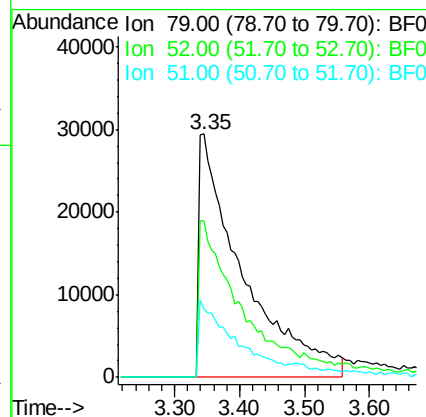
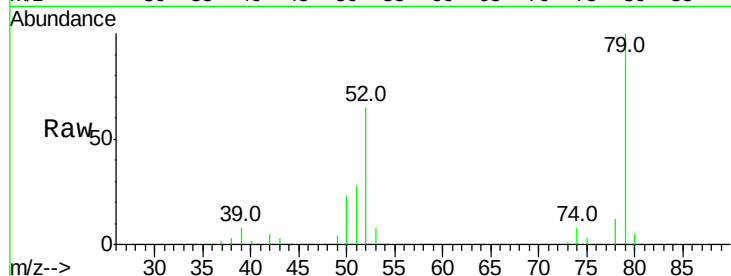
#3
 Pvridine
 Concen: 28.983 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.06 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.5	59.8	89.6
51	27.8	29.8	44.8#

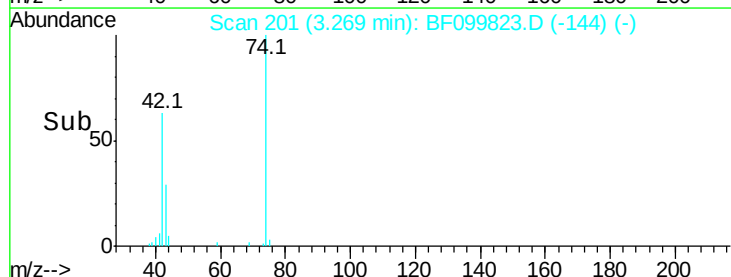
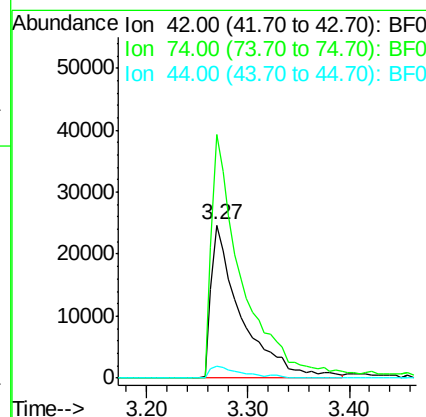
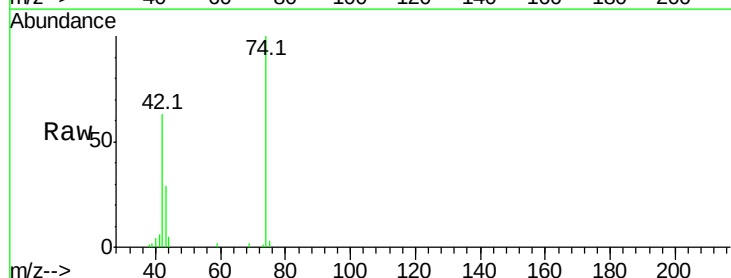
Manual Integrations
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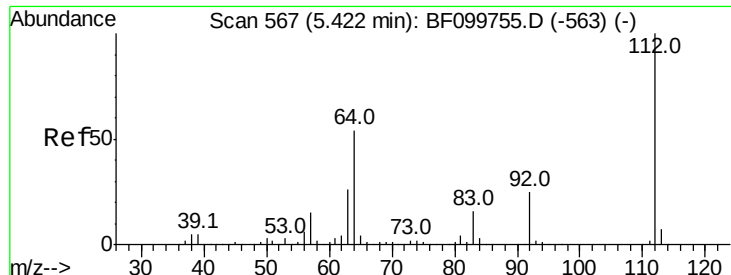
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#4
 n-Nitrosodimethylamine
 Concen: 30.119 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.04 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	159.1	104.9	157.3#
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 98.941 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

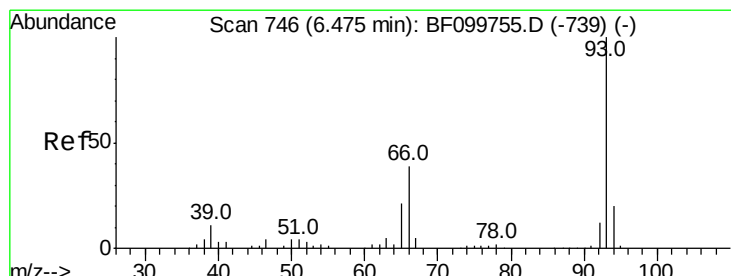
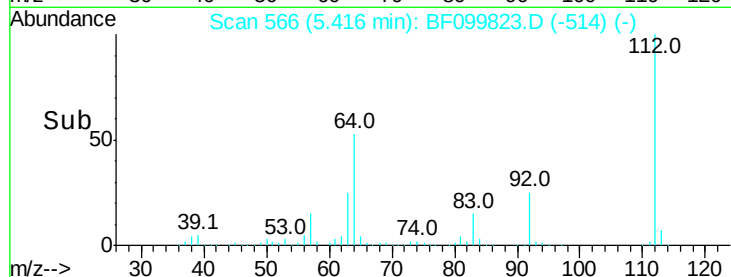
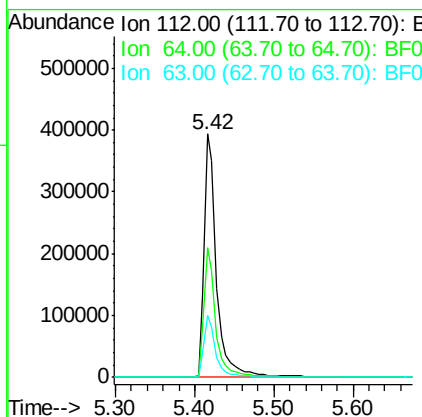
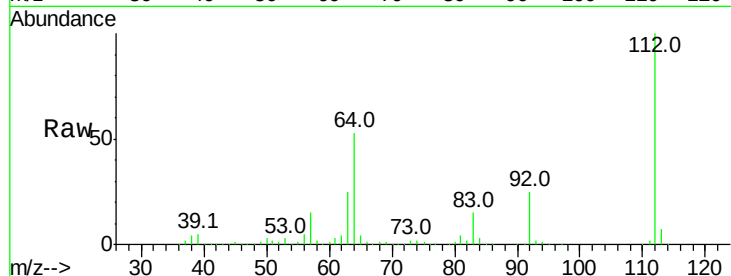
ClientSampled :

PB103580BS

Tot Ion:	112	Resp:	439294
Ion Ratio		Lower	Upper
112	100		
64	53.5	47.9	71.9
63	25.2	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 15.118 ng

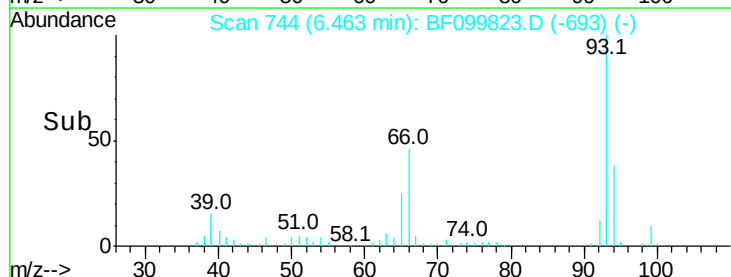
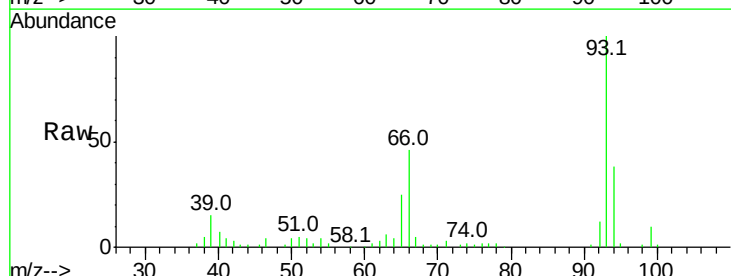
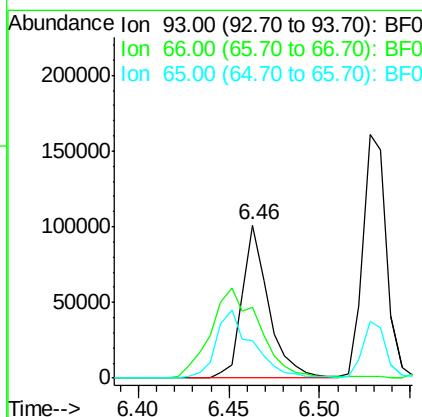
RT: 6.46 min Scan# 744

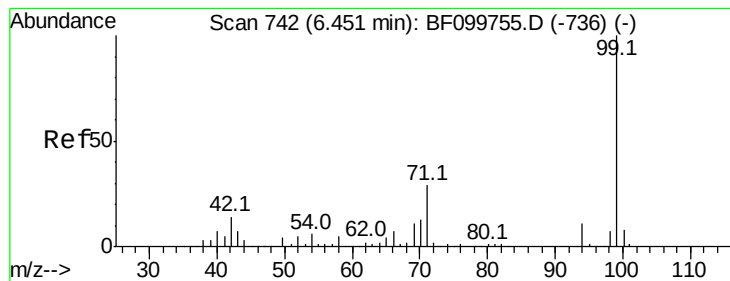
Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion:	93	Resp:	103198
Ion Ratio		Lower	Upper
93	100		
66	46.2	32.2	48.2
65	24.6	16.4	24.6#





#7

Phenol-d6

Concen: 97.520 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

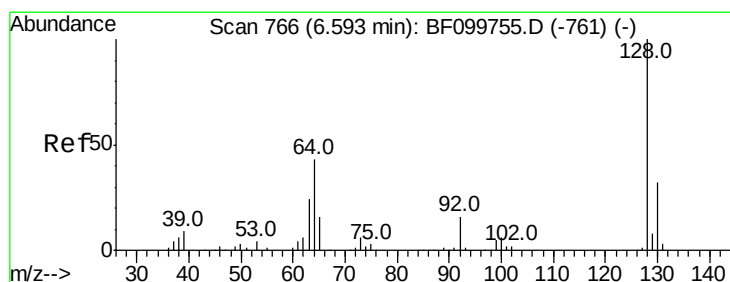
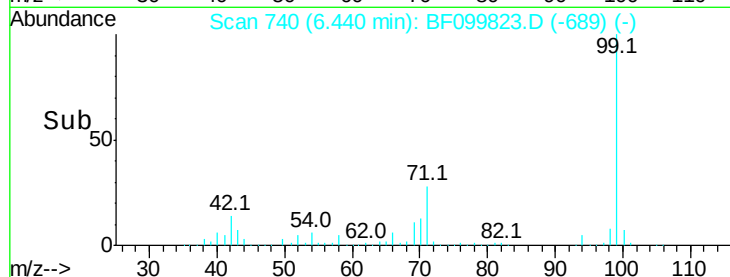
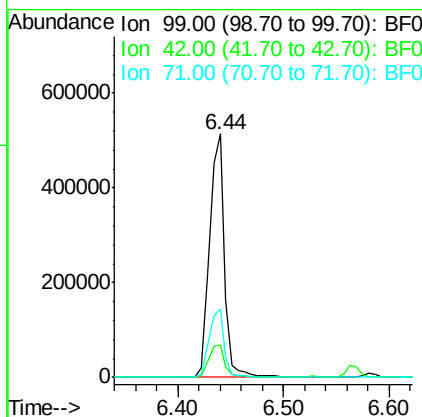
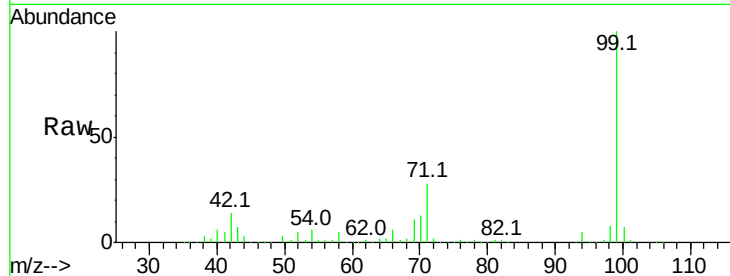
ClientSampleId :

PB103580BS

Tot Ion	Ratio	Resp	Lower	Upper
99	100	513398		
42	13.5		14.5	21.7#
71	28.2		25.4	38.0

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#8

2-Chlorophenol

Concen: 33.944 ng

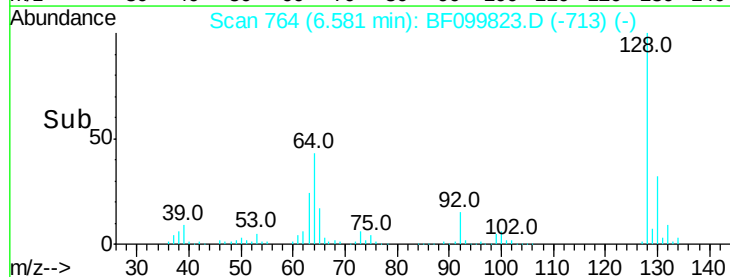
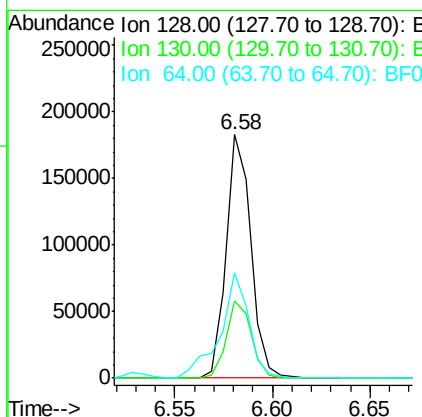
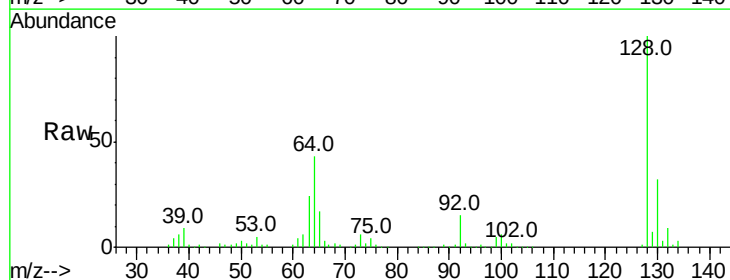
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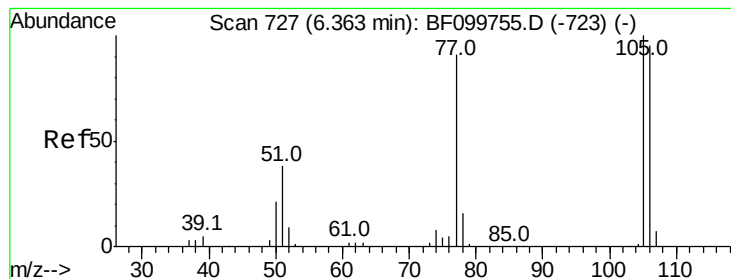
Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	160626		
130	31.9		13.0	53.0
64	43.2		29.4	69.4





#9

Benzaldehyde

Concen: 27.568 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

PB103580BS

Tot Ion: 77 Resp: 86726

Ion Ratio Lower Upper

77 100

105 108.3 81.1 121.1

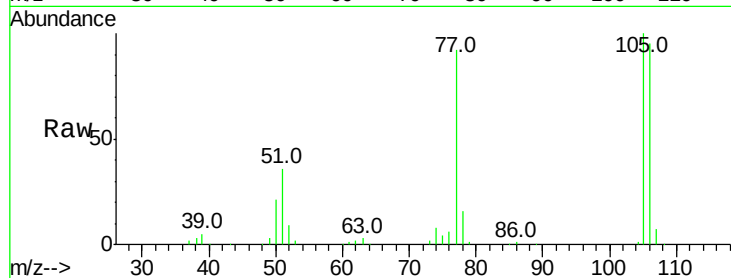
106 102.5 74.5 114.5

Manual Integrations

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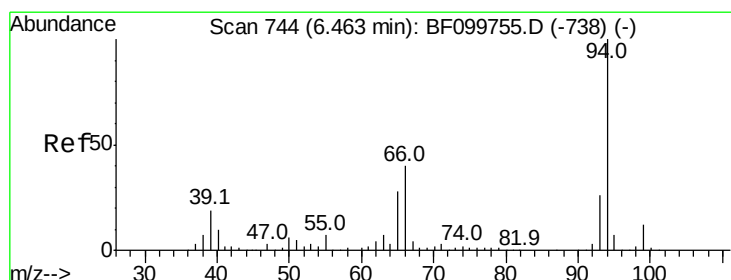
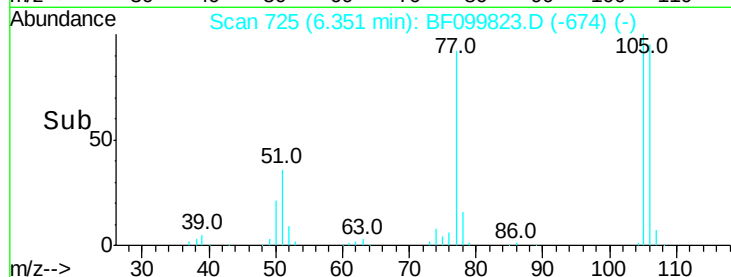
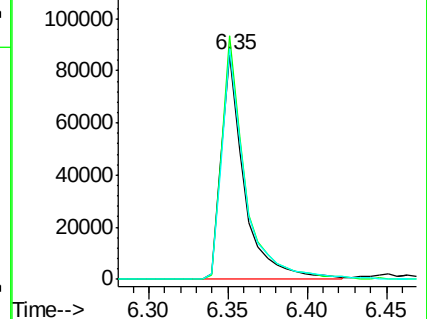
10/27/2017 8:59:01 AM



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 32.899 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

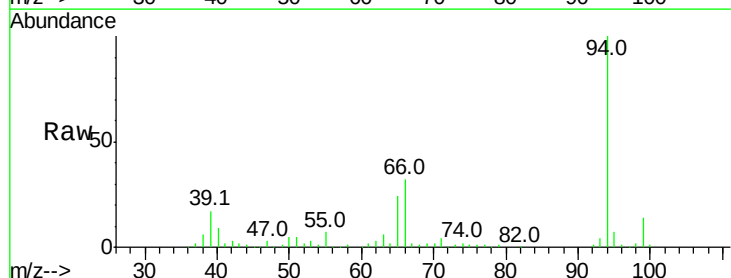
Tgt Ion: 94 Resp: 190161

Ion Ratio Lower Upper

94 100

65 24.0 7.9 47.9

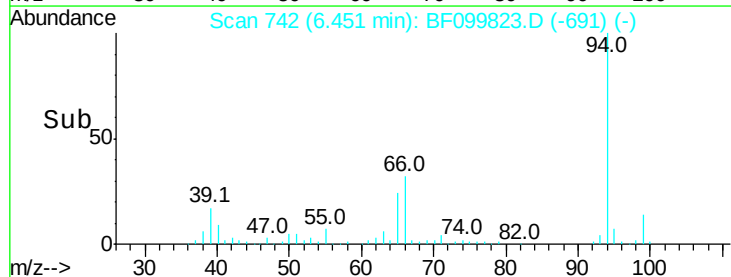
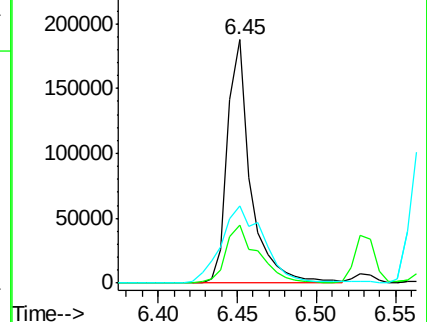
66 31.6 16.2 56.2

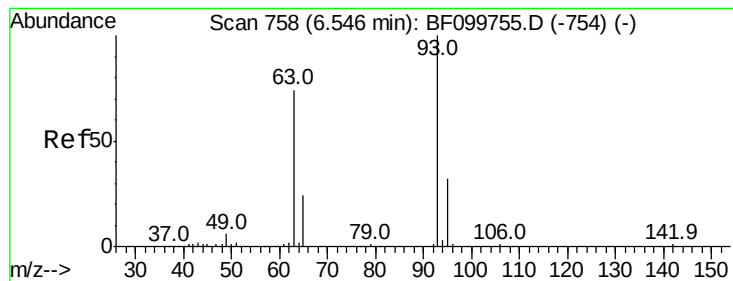


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





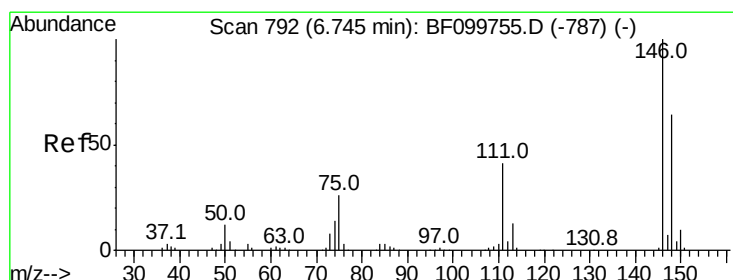
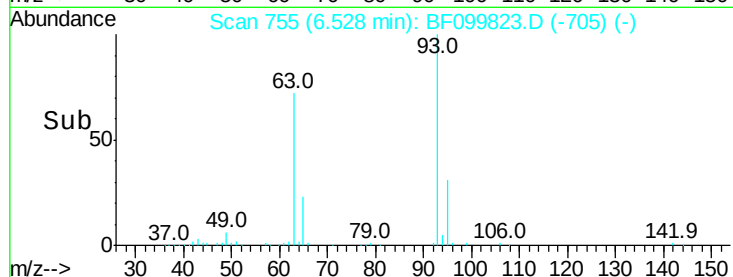
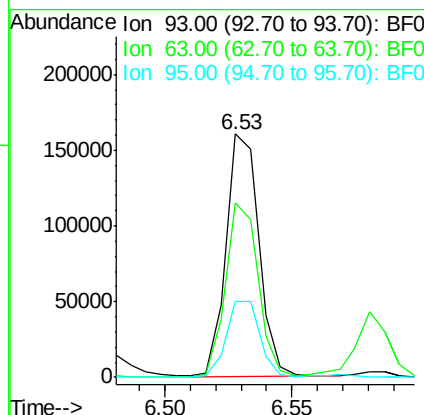
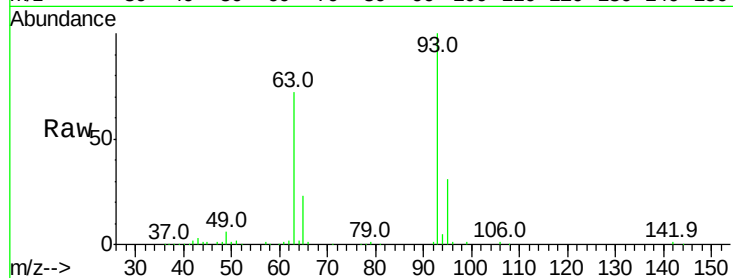
#11
bis(2-Chloroethyl)ether
Concen: 32.187 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :
PB103580BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.8	58.6	98.6
95	31.1	11.8	51.8

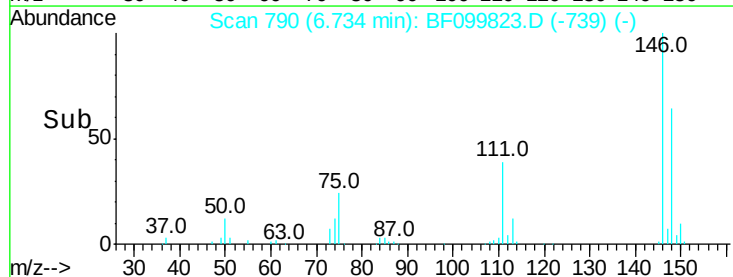
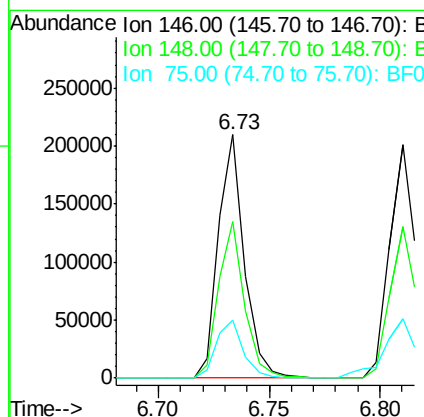
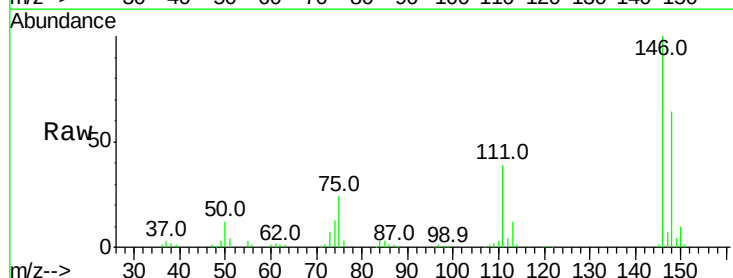
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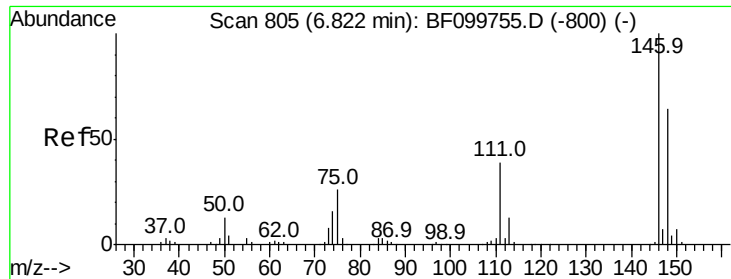
Sohil
10/27/2017 8:59:01 AM



#12
1,3-Dichlorobenzene
Concen: 32.358 ng m
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	24.0	24.2	36.4#





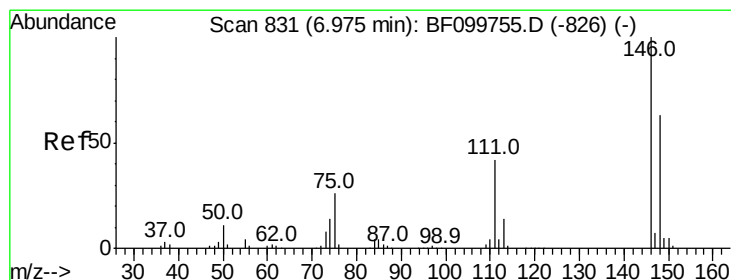
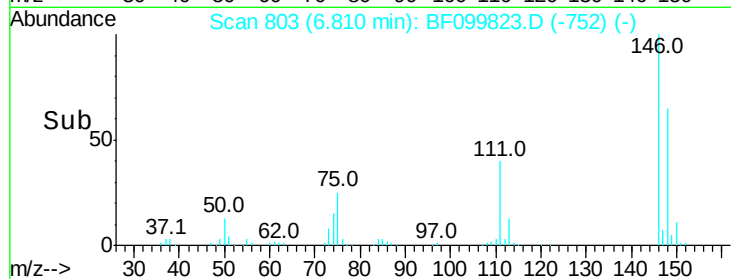
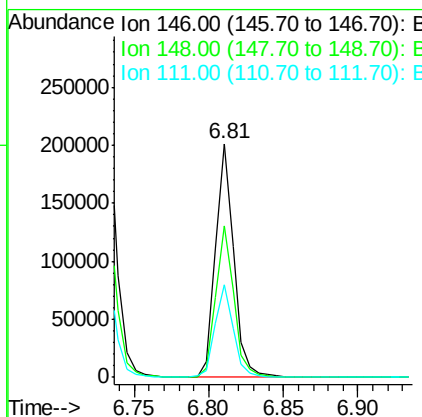
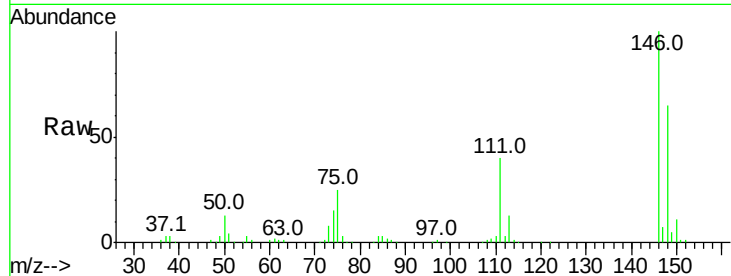
#13
 1,4-Dichlorobenzene
 Concen: 32.038 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	39.7	34.2	51.2

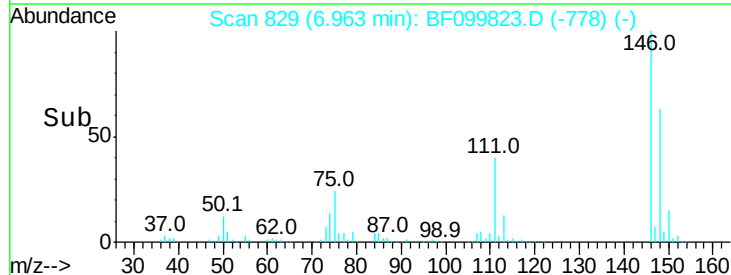
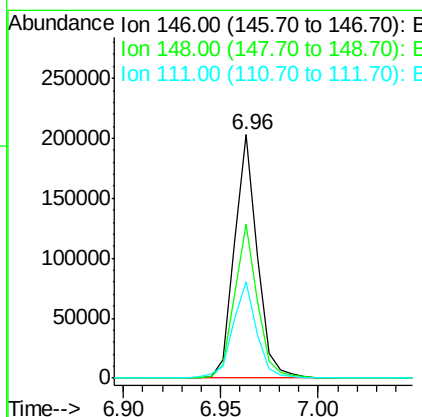
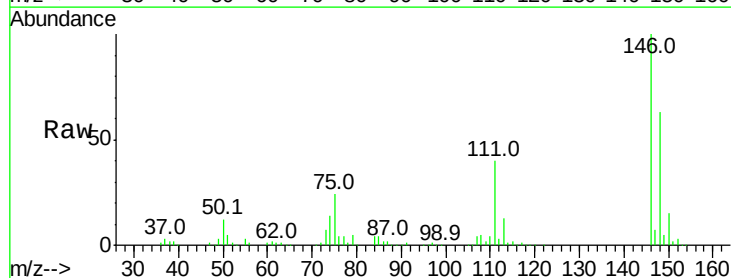
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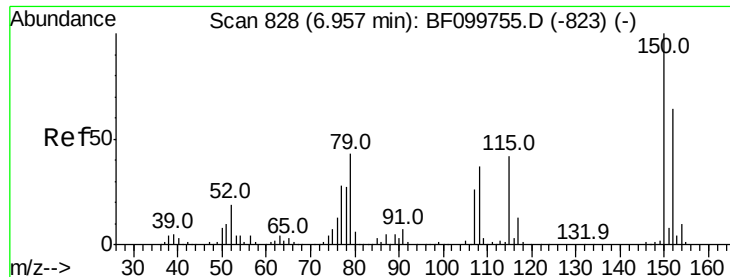
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 33.602 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	75.8
111	39.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 34.173 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

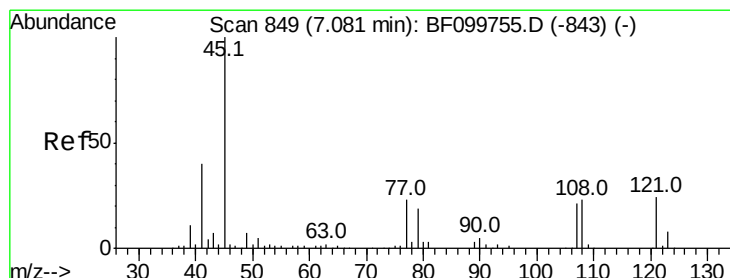
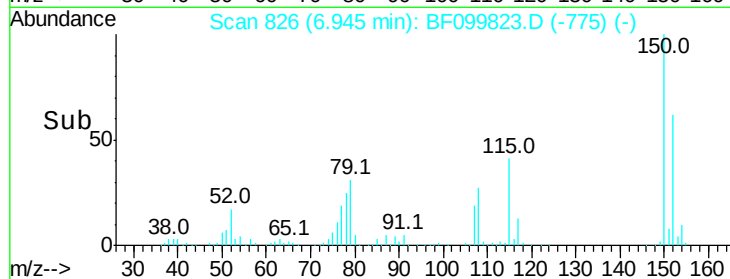
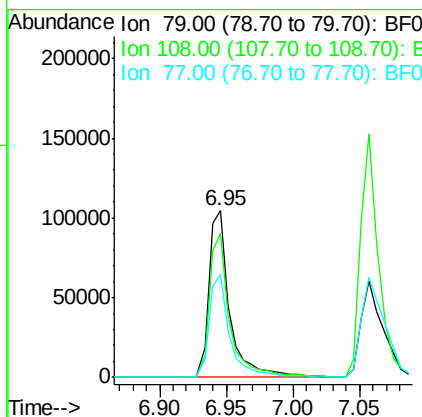
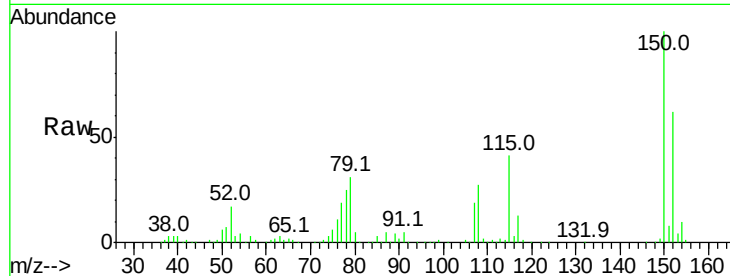
ClientSampleId :

PB103580BS

Tot Ion:	79	Resp:	114414
Ion	Ratio	Lower	Upper
79	100		
108	86.0	65.1	97.7
77	62.1	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.291 ng

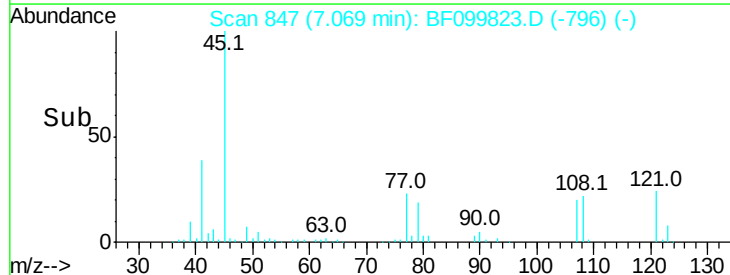
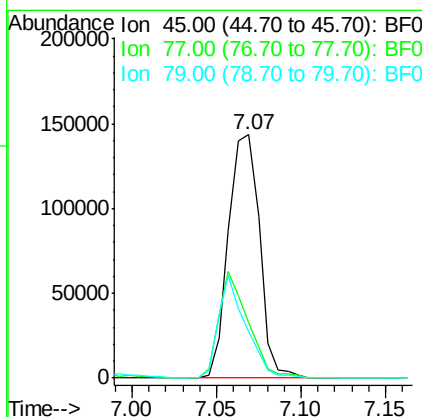
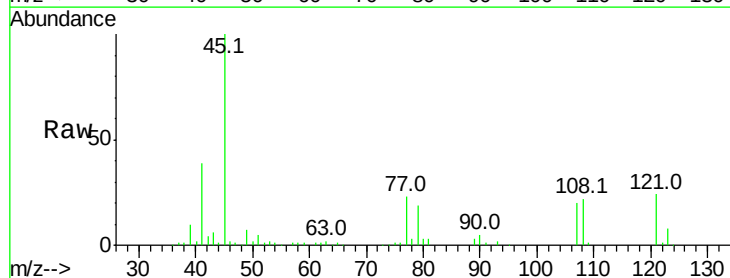
RT: 7.07 min Scan# 847

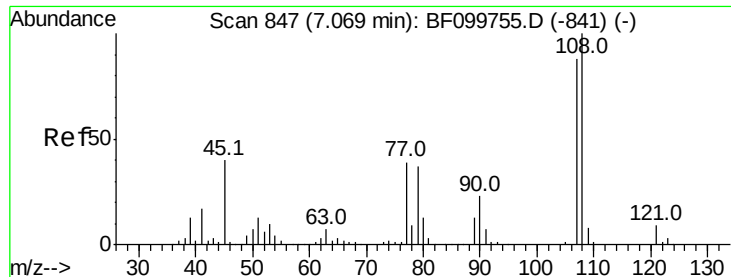
Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion:	45	Resp:	184900
Ion	Ratio	Lower	Upper
45	100		
77	22.7	0.0	32.9
79	18.9	0.0	29.6





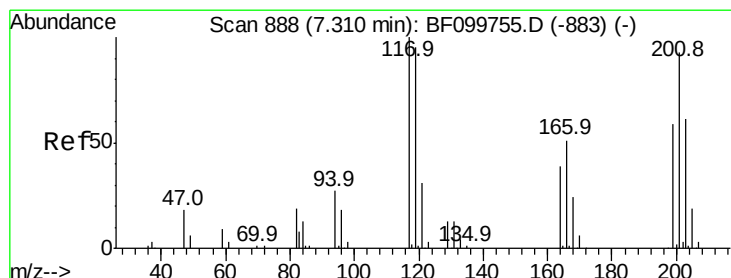
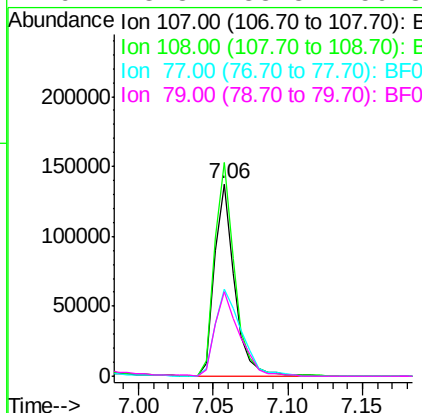
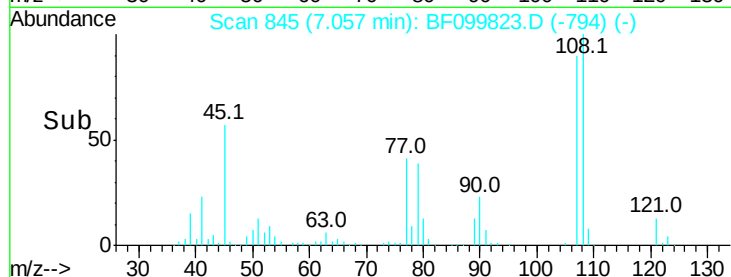
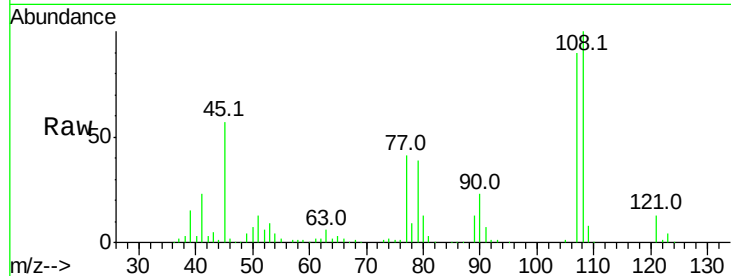
#17
2-Methylphenol
Concen: 32.395 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :
PB103580BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.9	91.7	137.5
77	45.5	33.8	50.8
79	43.8	33.8	50.8

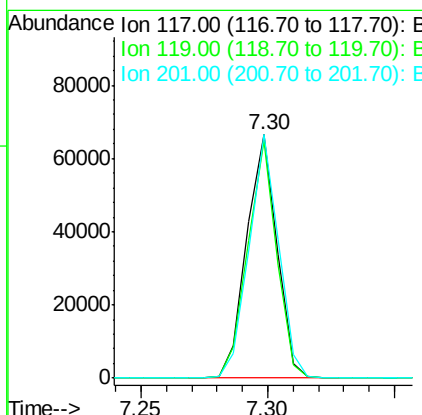
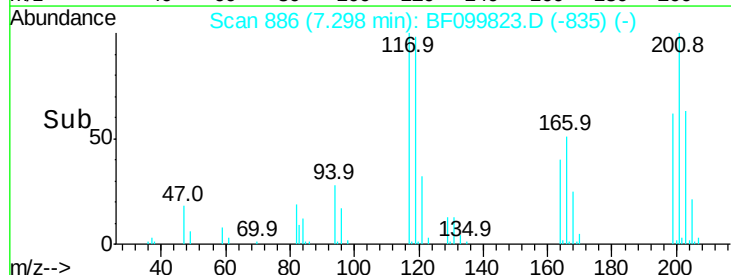
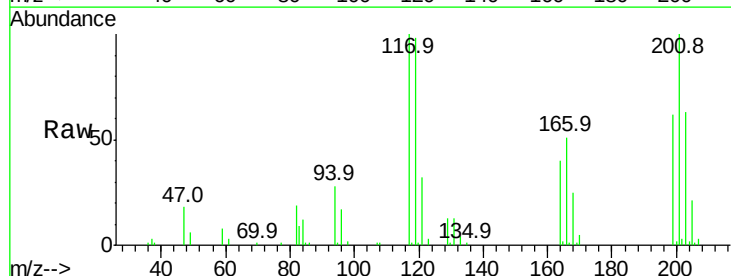
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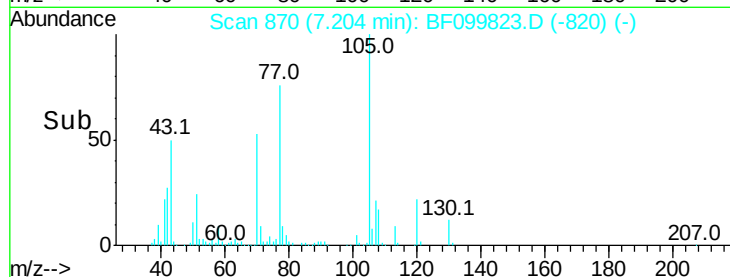
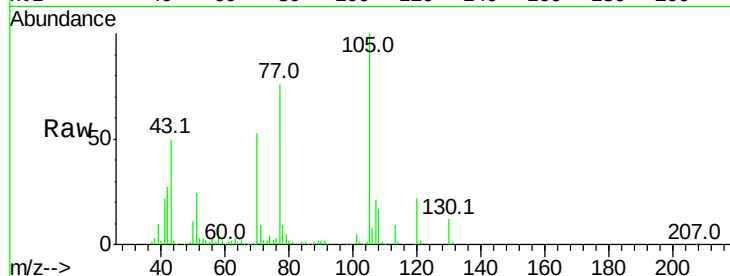
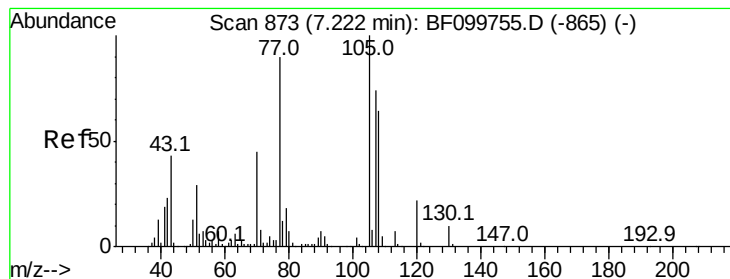
Sohil
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#18
Hexachloroethane
Concen: 30.724 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	75.8	113.8
201	99.8	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 31.857 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleId :

PB103580BS

Tot Ion: 70 Resp: 98284

Ion Ratio Lower Upper

70 100

42 51.3 47.5 71.3

101 10.0 7.4 11.2

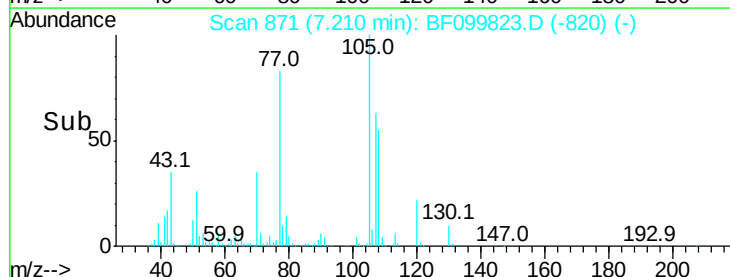
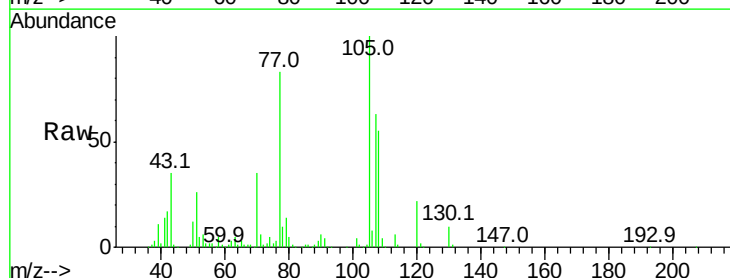
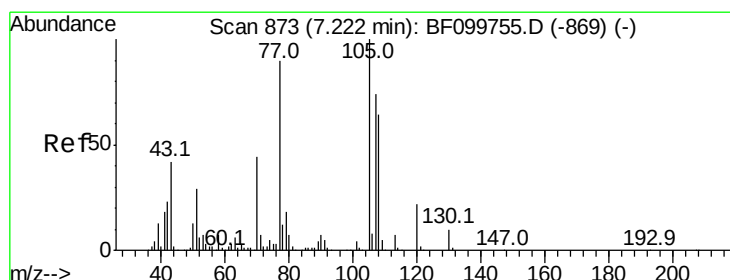
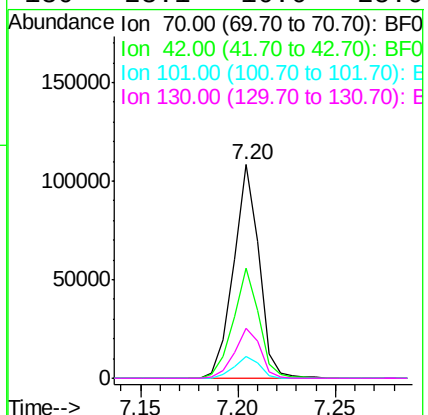
130 23.1 16.6 25.0

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#20

3+4-Methylphenols

Concen: 35.835 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion: 107 Resp: 165162

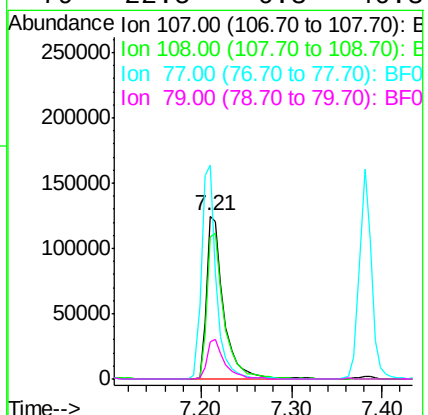
Ion Ratio Lower Upper

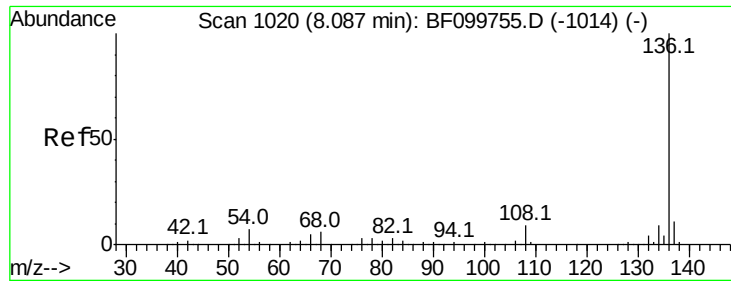
107 100

108 86.8 68.2 108.2

77 131.0 26.7 66.7#

79 22.5 6.3 46.3





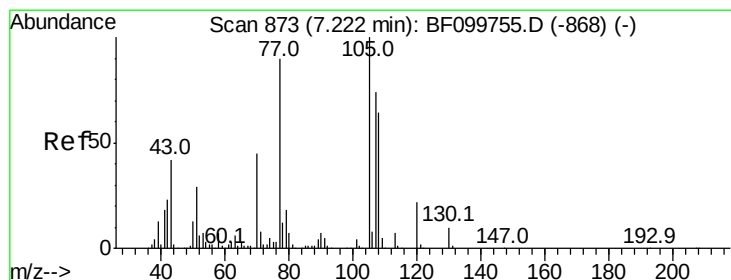
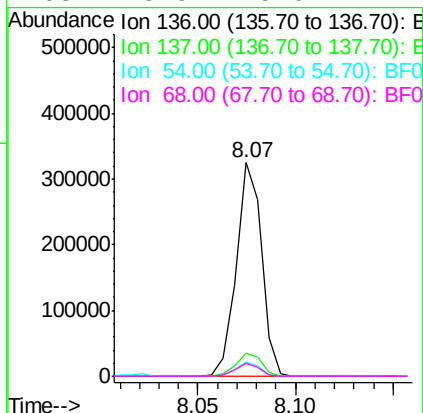
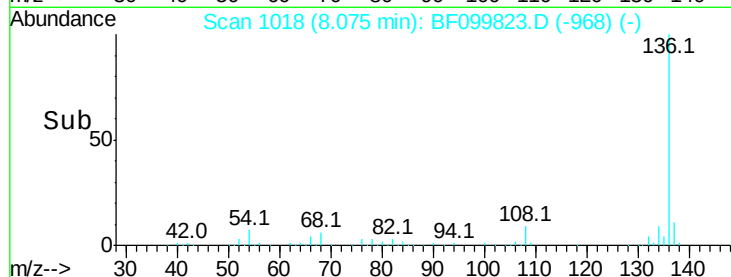
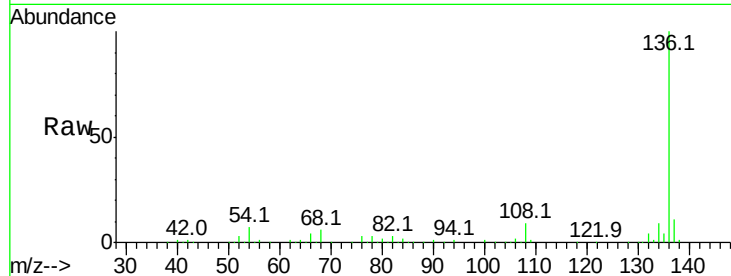
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampled :
PB103580BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	6.8	6.6	9.8	
68	5.9	5.0	7.4	

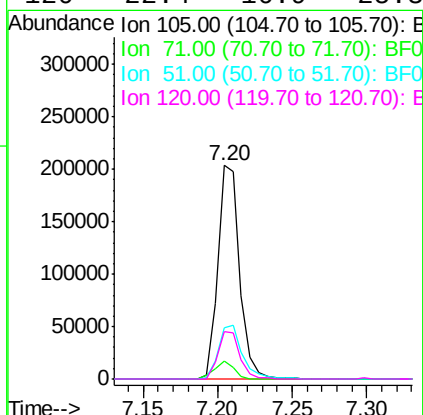
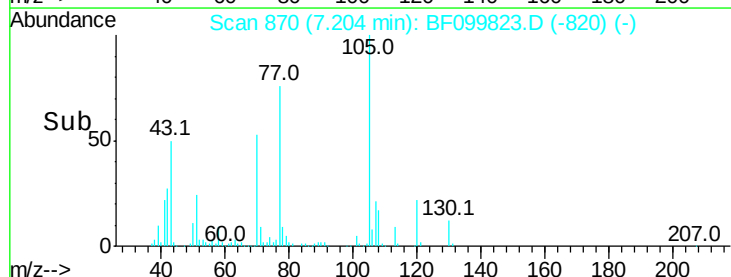
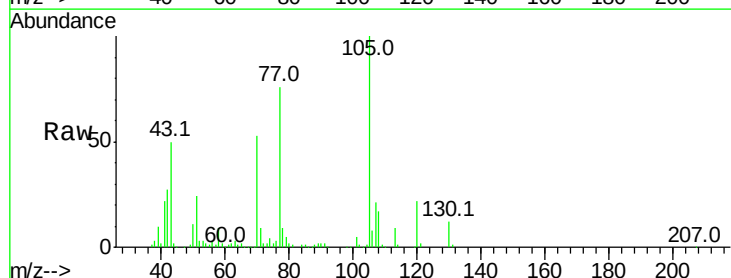
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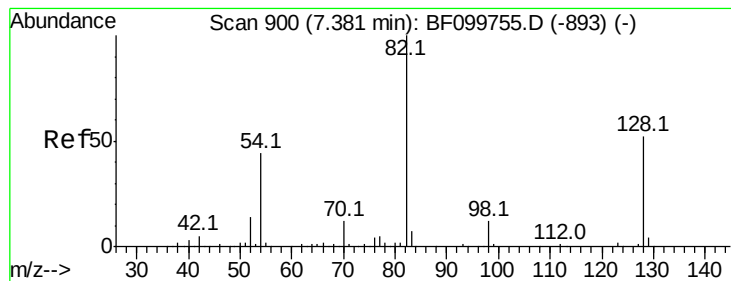
Sohil
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#22
Acetophenone
Concen: 31.363 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.7	4.4	6.6#	
51	23.7	22.3	33.5	
120	22.4	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 63.855 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

ClientSampleID :

PB103580BS

Tot Ion: 82 Resp: 289697
Ion Ratio Lower Upper

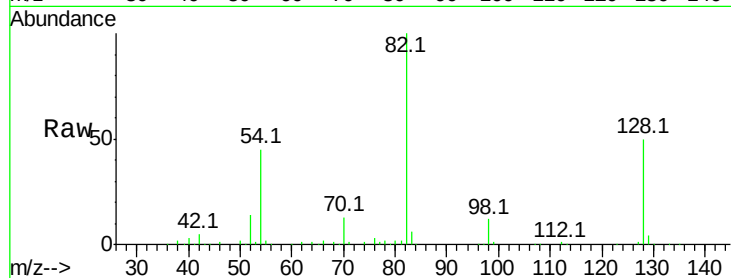
82 100

128 50.5 36.1 54.1

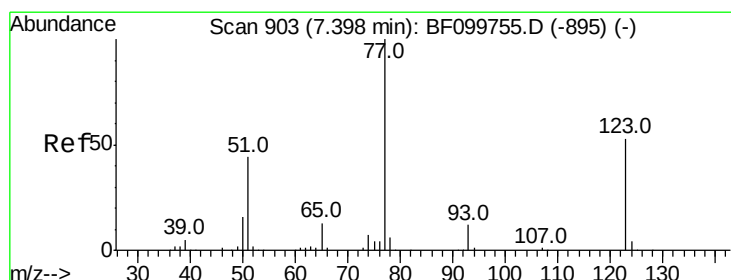
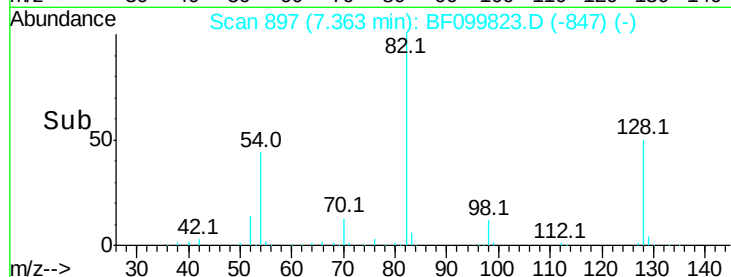
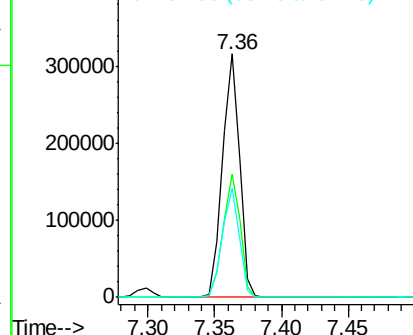
54 44.8 41.4 62.2

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 31.969 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF099823.D

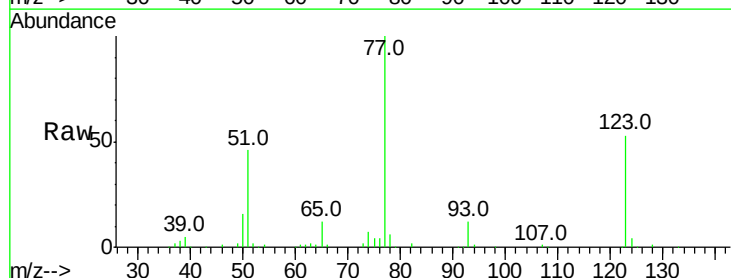
Acq: 25 Oct 2017 19:51

Tgt Ion: 77 Resp: 146139
Ion Ratio Lower Upper

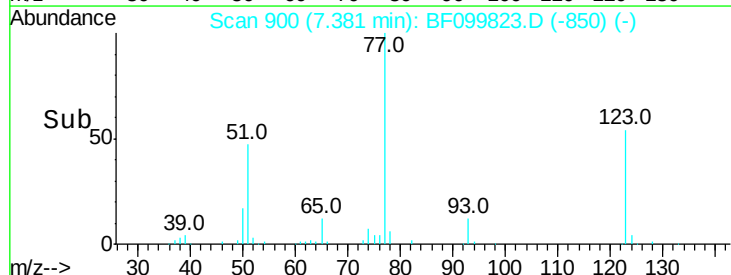
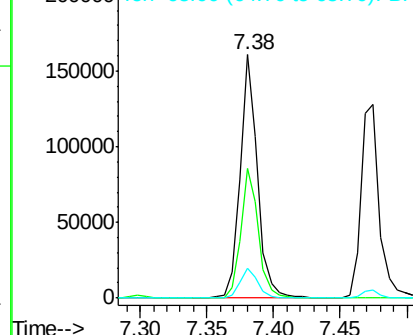
77 100

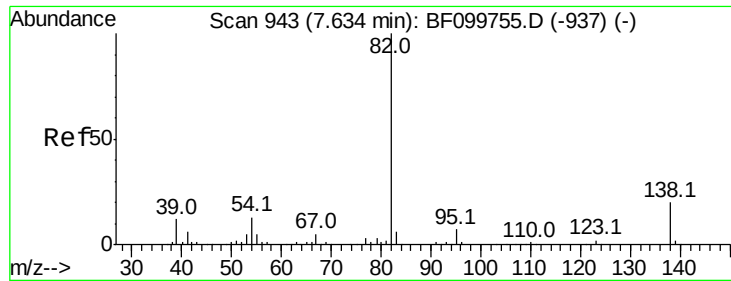
123 53.4 37.9 56.9

65 12.1 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





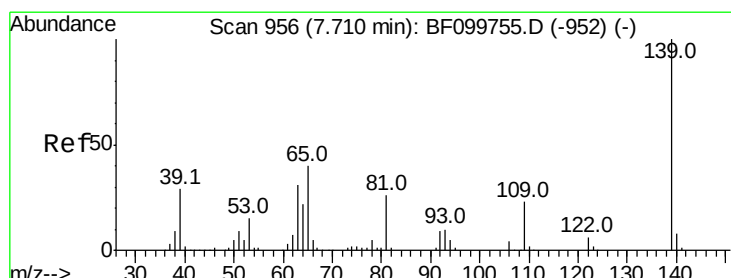
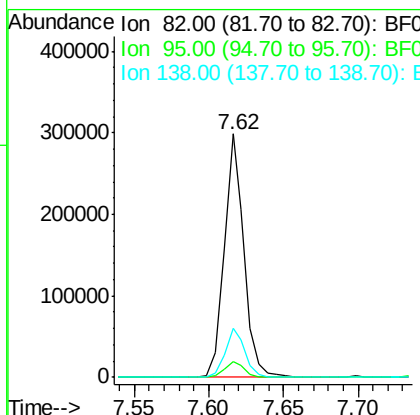
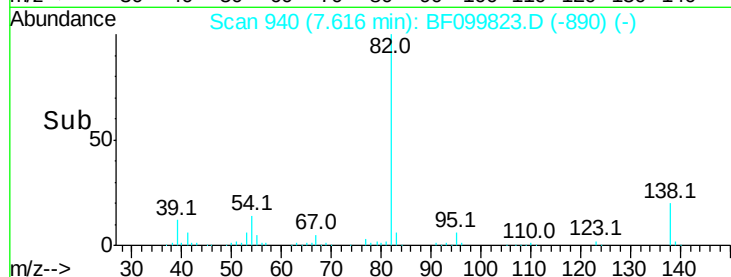
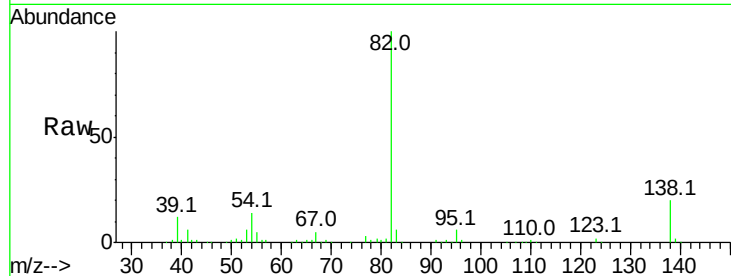
#25
Isophorone
Concen: 33.712 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :
PB103580BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.4	5.2	7.8	
138	20.1	14.9	22.3	

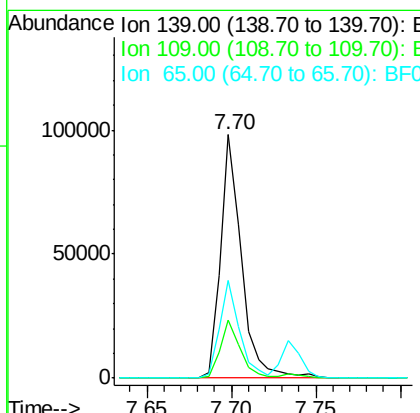
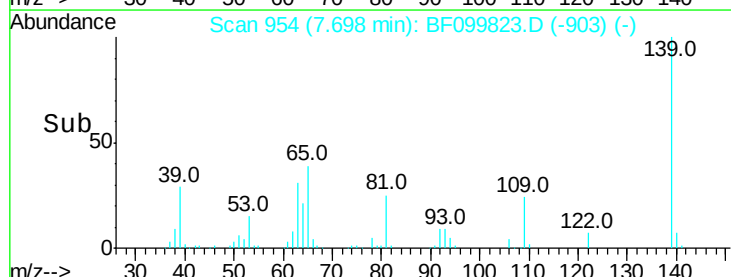
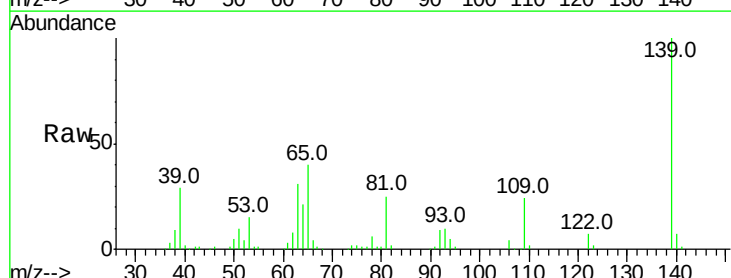
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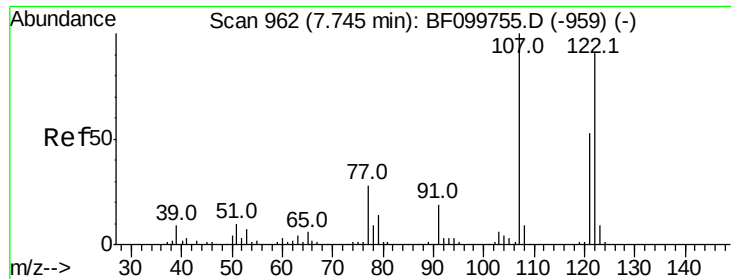
Sohil
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#26
2-Nitrophenol
Concen: 32.602 ng
RT: 7.70 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	23.8	22.7	34.1	
65	40.0	40.5	60.7	





#27

2,4-Dimethylphenol

Concen: 37.037 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

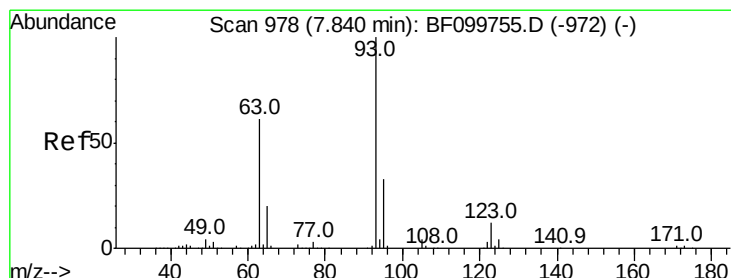
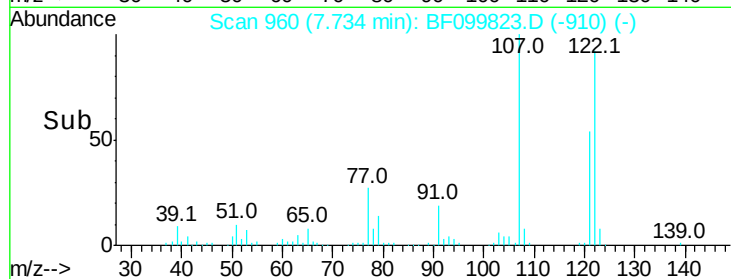
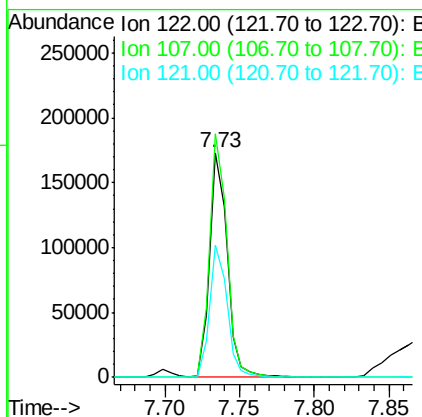
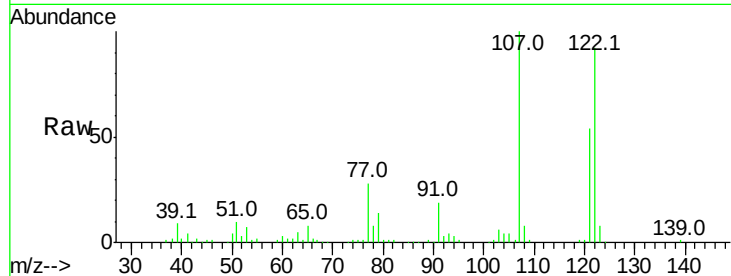
ClientSampleId :

PB103580BS

Tot Ion:	122	Resp:	142877
Ion Ratio	Lower	Upper	
122	100		
107	108.2	91.2	136.8
121	58.6	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 32.333 ng

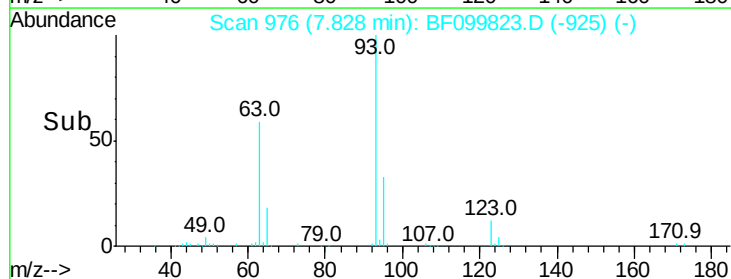
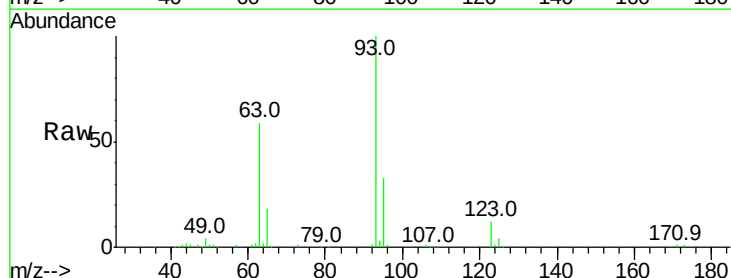
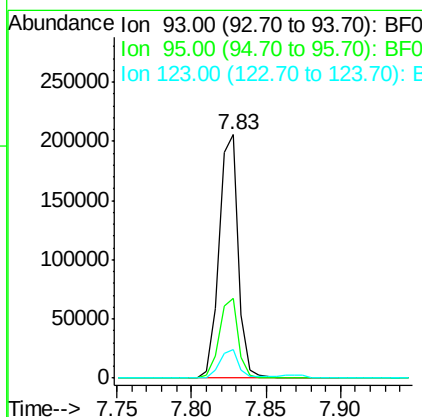
RT: 7.83 min Scan# 976

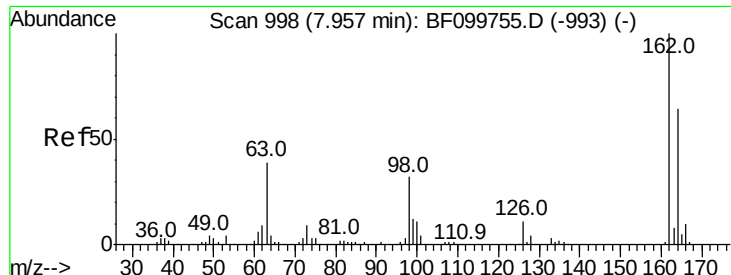
Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion:	93	Resp:	186414
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.3	39.5
123	12.0	9.8	14.6





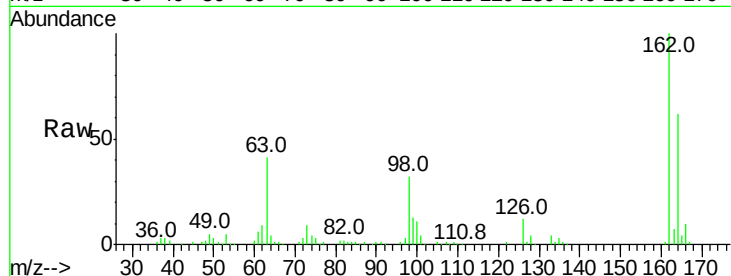
#29
 2,4-Dichlorophenol
 Concen: 33.747 ng
 RT: 7.95 min Scan# 996
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BS

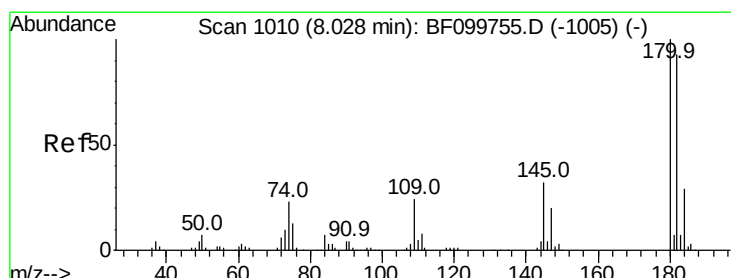
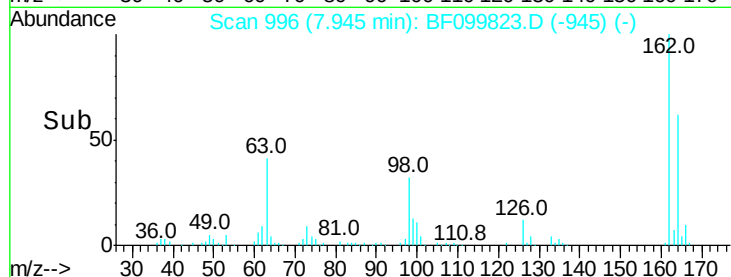
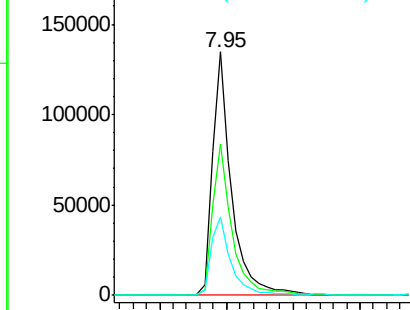
Tot Ion	Ratio	Resp	Lower	Upper
162	100	135238		
164	62.4		42.7	82.7
98	32.3		18.1	58.1

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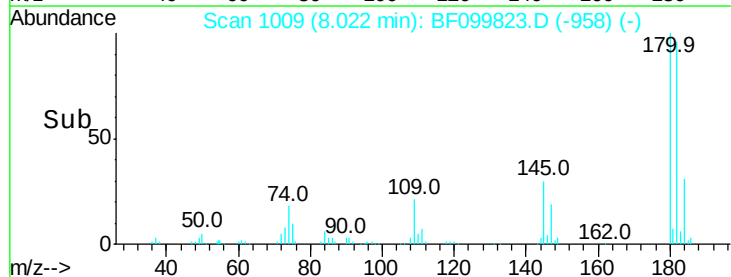
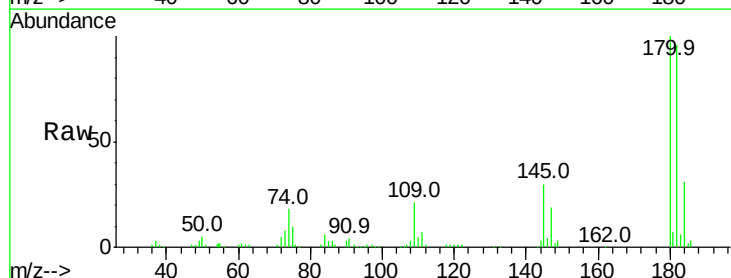
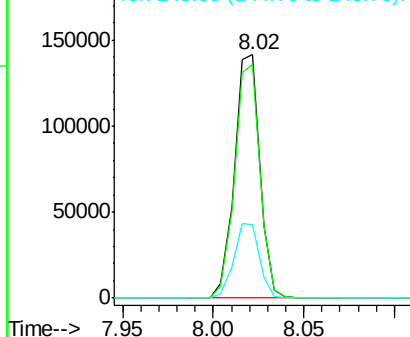
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

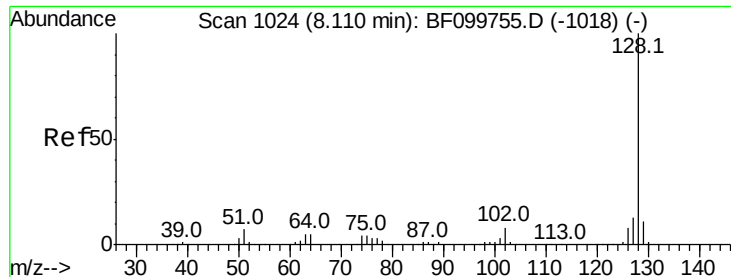


#30
 1,2,4-Trichlorobenzene
 Concen: 32.214 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137933		
182	95.7		76.8	115.2
145	30.0		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





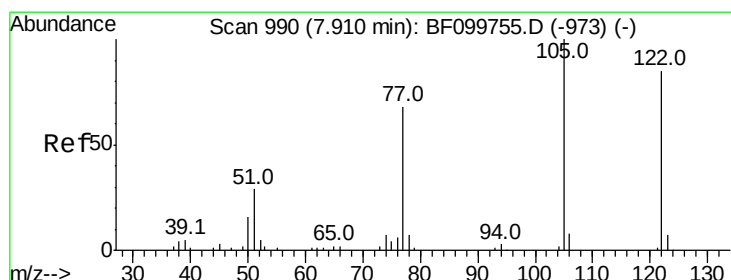
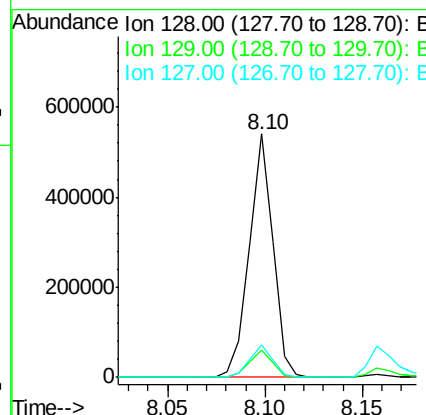
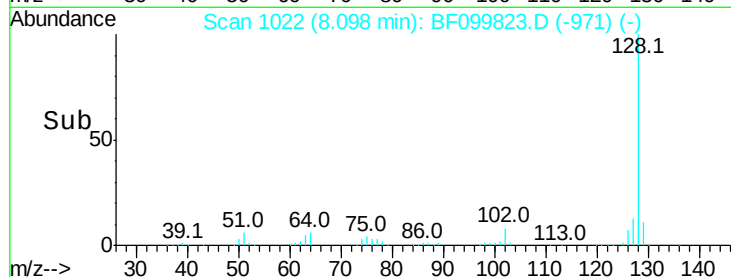
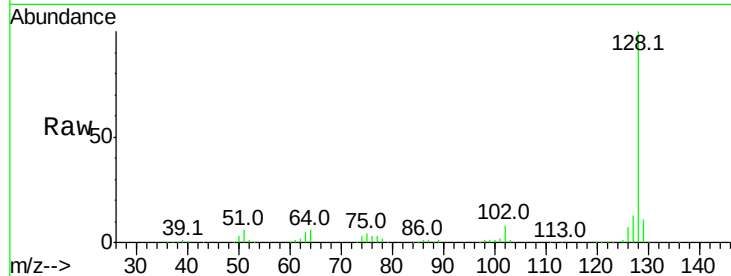
#31
Naphthalene
Concen: 32.349 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :
PB103580BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.8	13.2	
127	13.1	10.9	16.3	

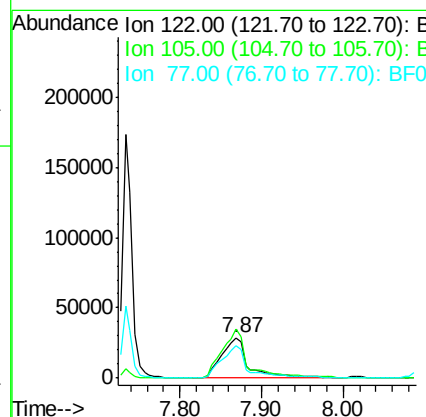
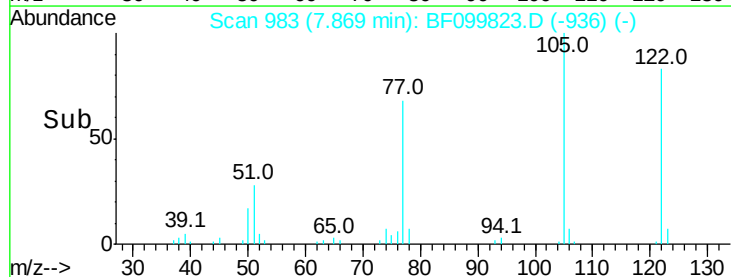
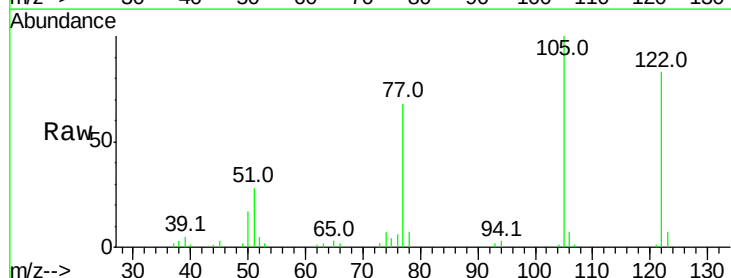
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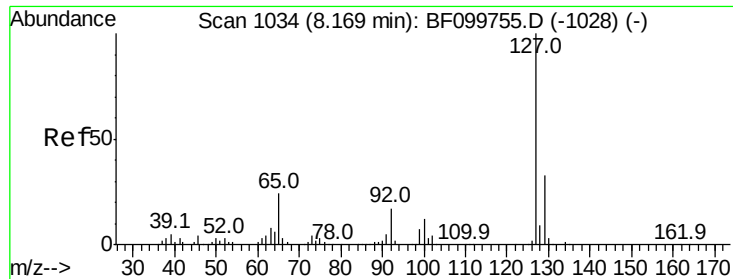
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#32
Benzoic acid
Concen: 19.537 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.7	101.1	141.1	
77	81.8	70.7	110.7	





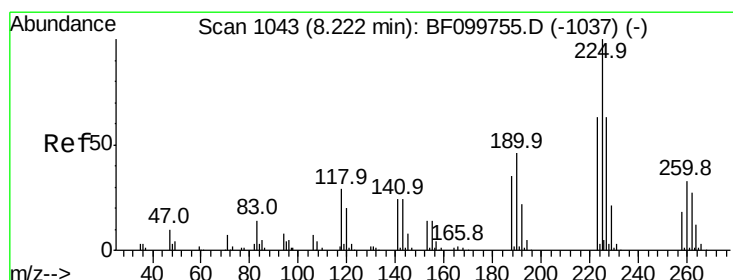
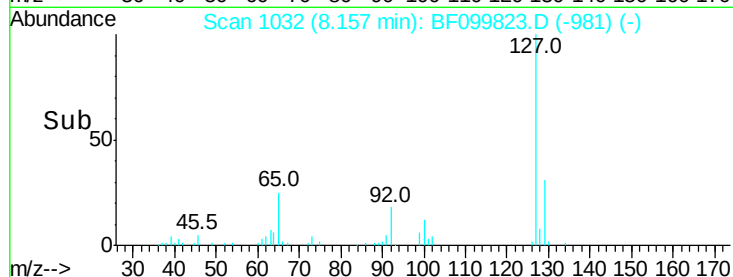
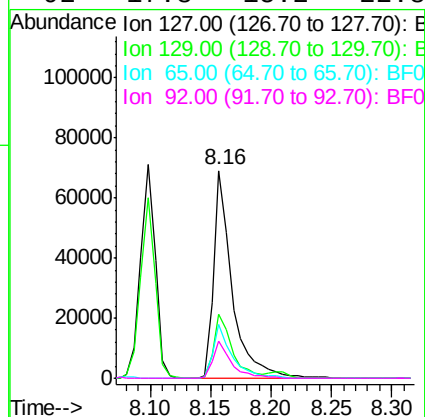
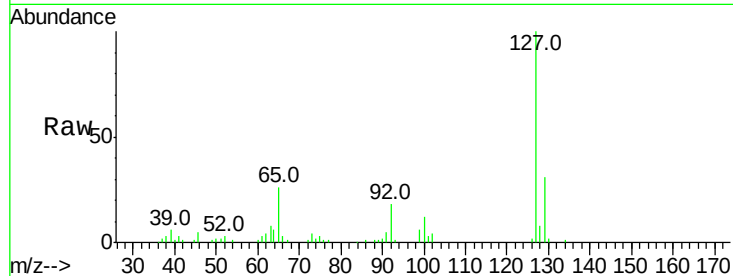
#33
4-Chloroaniline
Concen: 12.582 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :
PB103580BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	25.9	38.9		
65	25.8	25.0	37.4		
92	17.8	15.2	22.8		

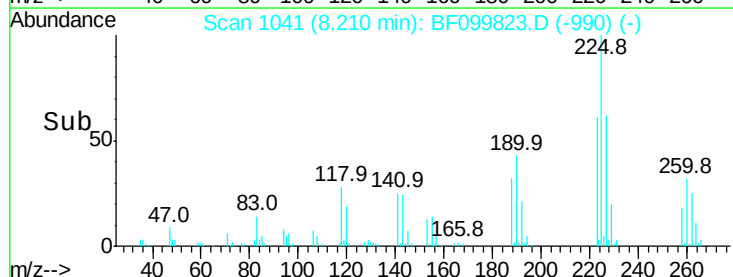
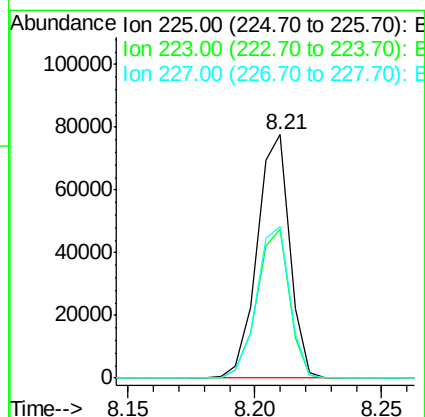
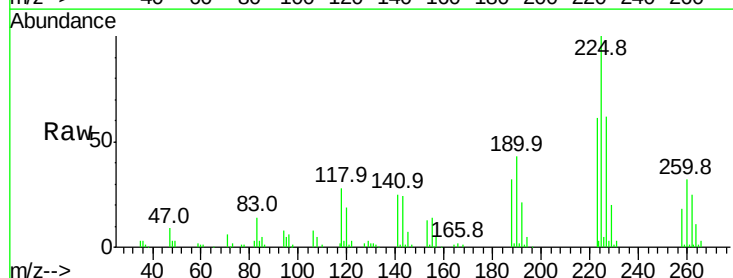
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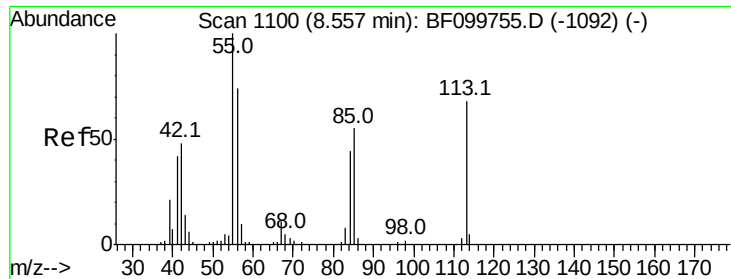
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#34
Hexachlorobutadiene
Concen: 31.734 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	50.6	76.0		
227	62.1	51.9	77.9		





#35

Caprolactam

Concen: 32.907 ng

RT: 8.53 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

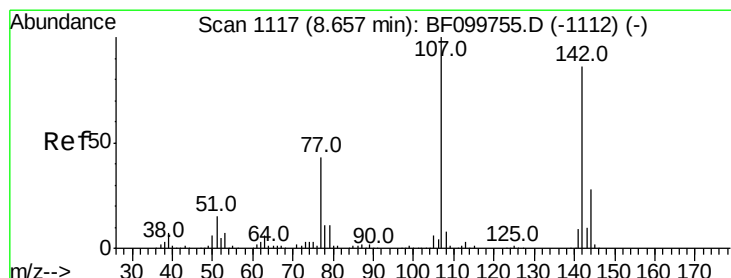
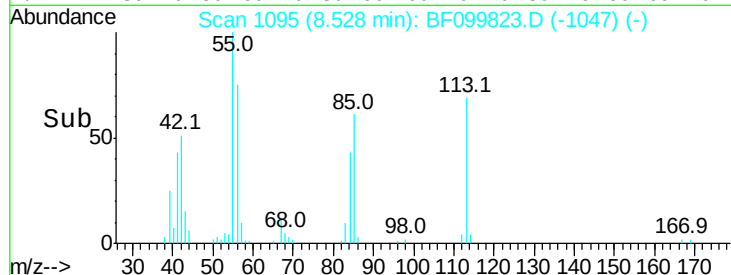
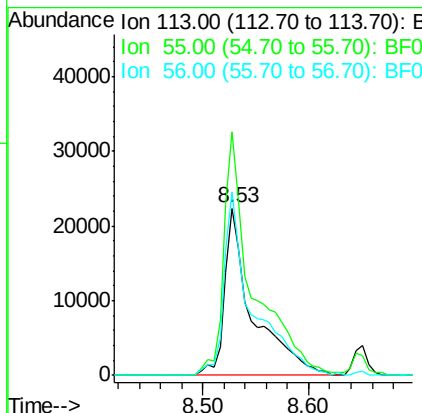
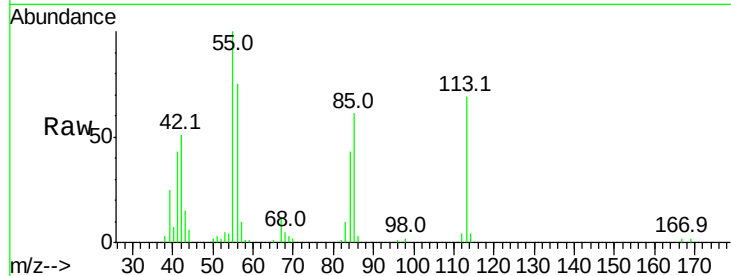
ClientSampled :

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Tot Ion:113 Resp: 41470
 Ion Ratio Lower Upper
 113 100
 55 145.5 163.3 203.3#
 56 109.4 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 32.431 ng

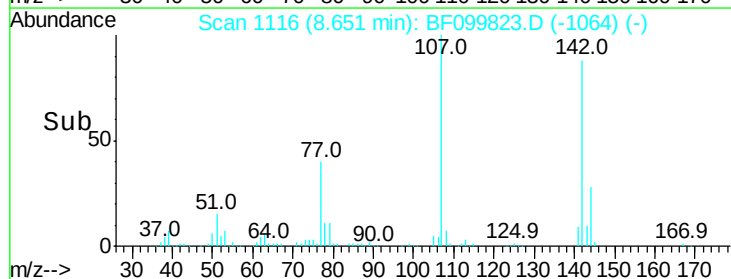
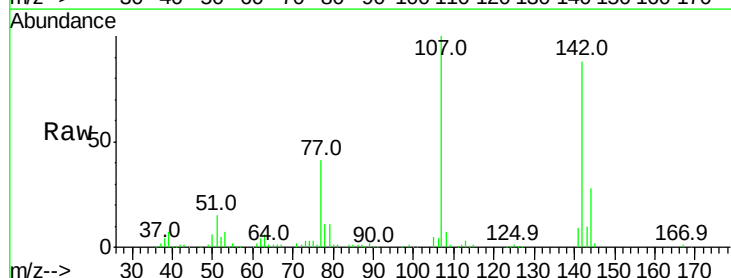
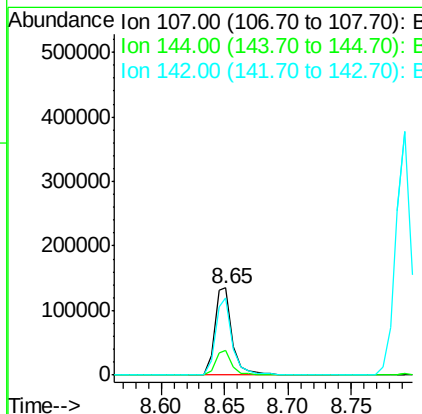
RT: 8.65 min Scan# 1116

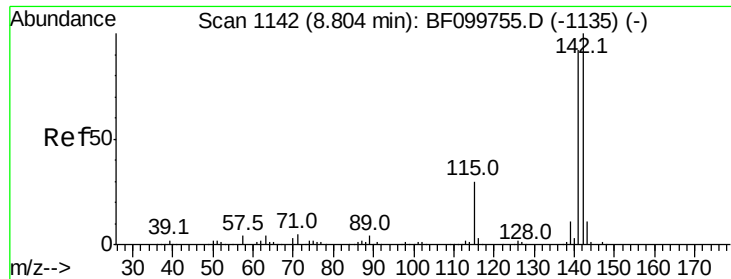
Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion:107 Resp: 132650
 Ion Ratio Lower Upper
 107 100
 144 28.2 20.5 30.7
 142 88.4 62.0 93.0





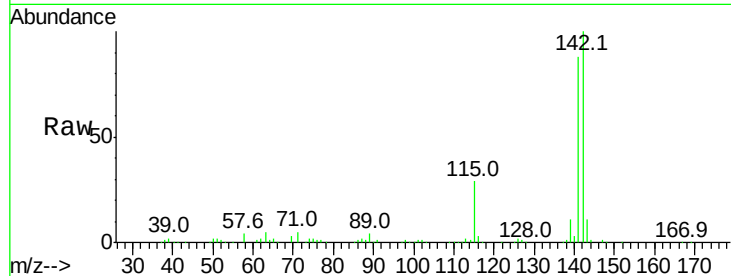
#37
2-Methylnaphthalene
Concen: 33.706 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleID :
PB103580BS

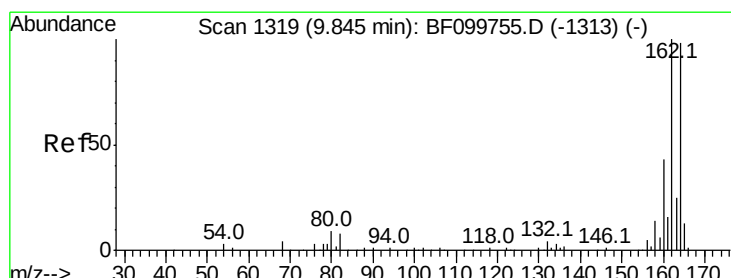
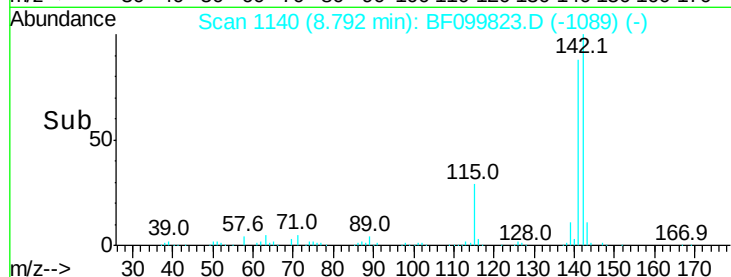
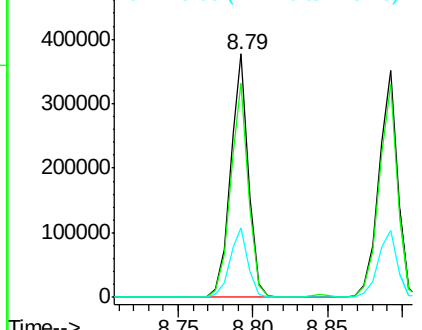
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.8	106.2
115	28.7	26.1	39.1

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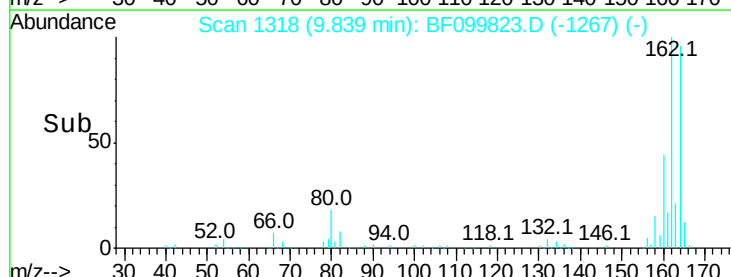
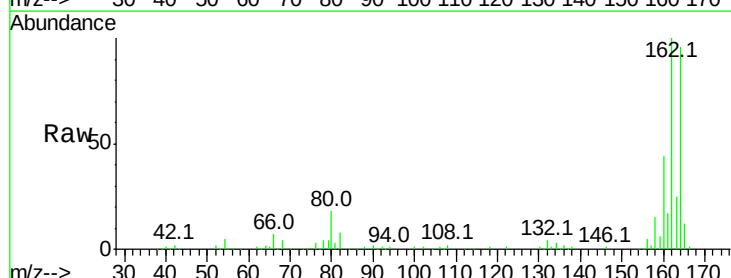
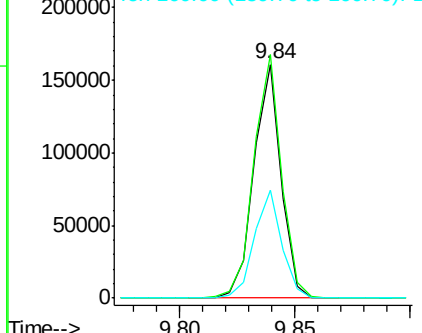
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

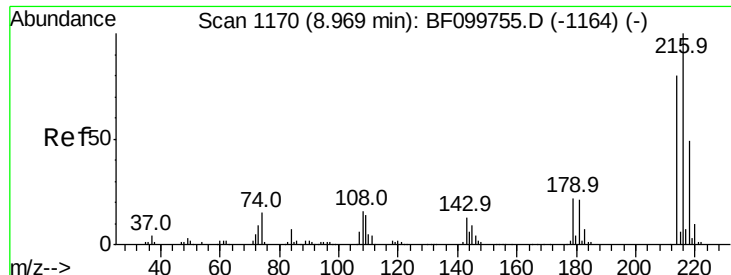


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	46.2	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.594 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

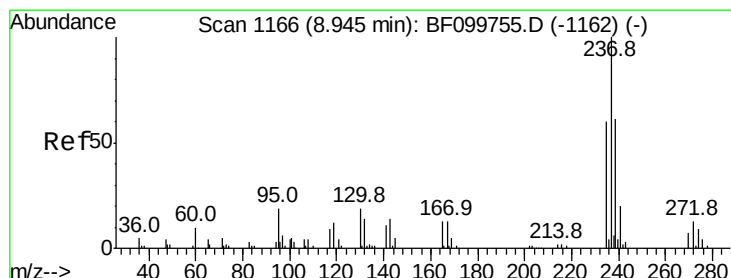
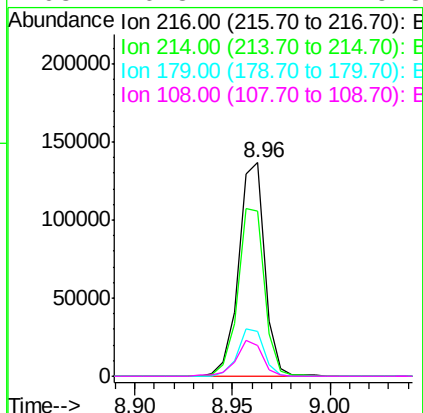
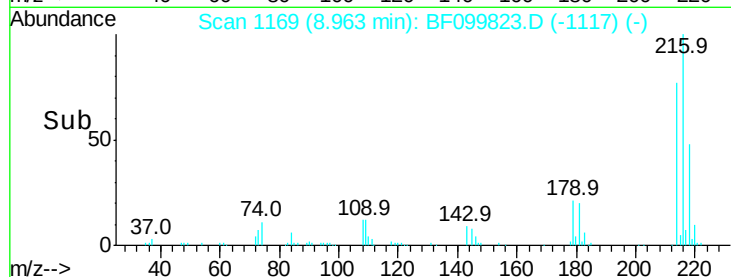
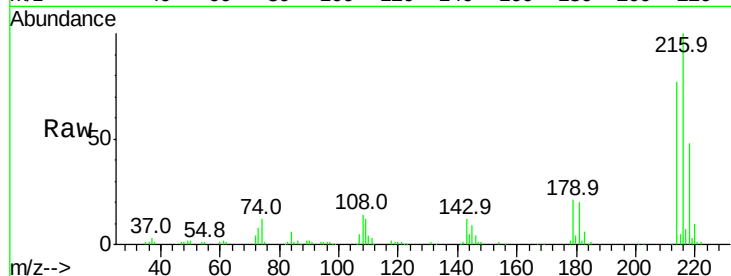
ClientSampleId :

PB103580BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.3	63.0	94.4
179	22.4	18.1	27.1
108	16.8	17.2	25.8#

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#40

Hexachlorocyclopentadiene

Concen: 18.921 ng

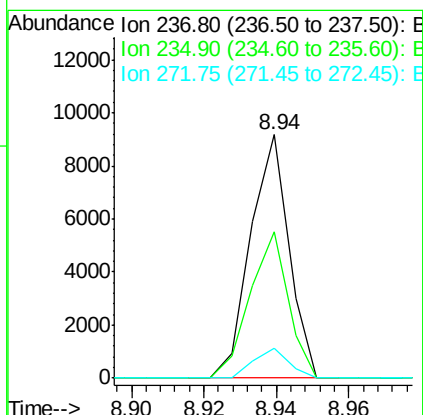
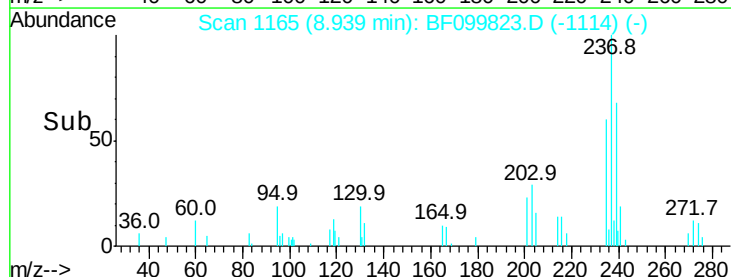
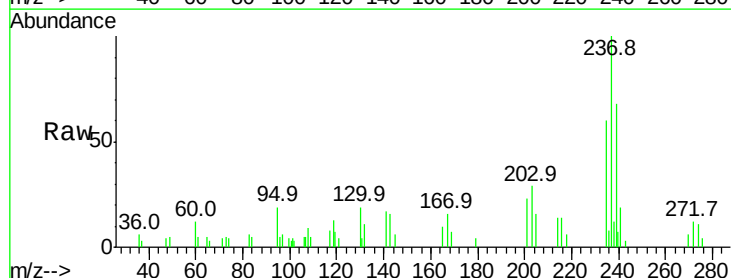
RT: 8.94 min Scan# 1165

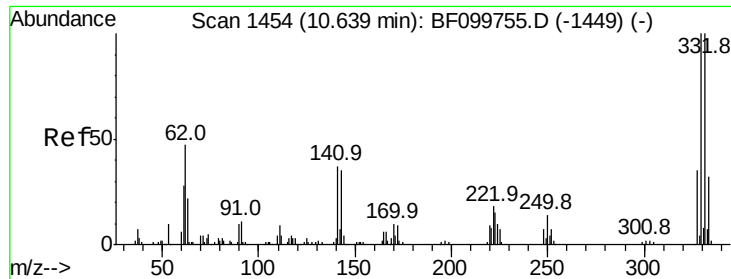
Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.0	44.8	84.8
272	12.2	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 94.344 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

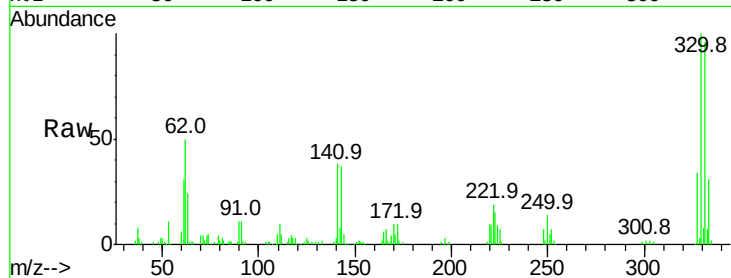
ClientSampleId :

PB103580BS

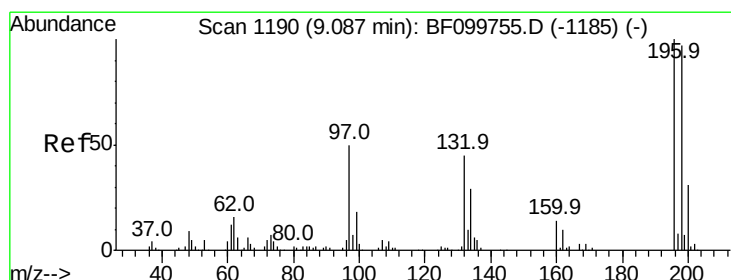
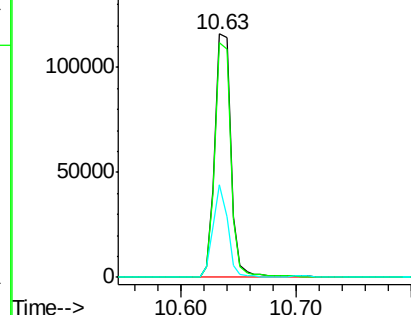
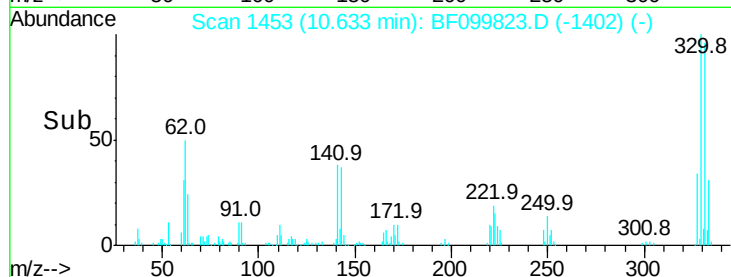
Tot Ion:	330	Resp:	114107
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.0	115.6
141	34.9	29.9	44.9

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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: 33.490 ng

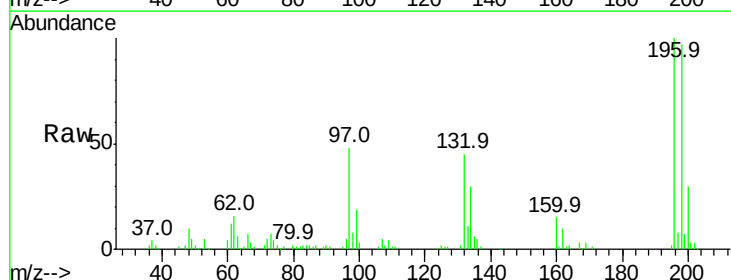
RT: 9.08 min Scan# 1189

Delta R.T. 0.00 min

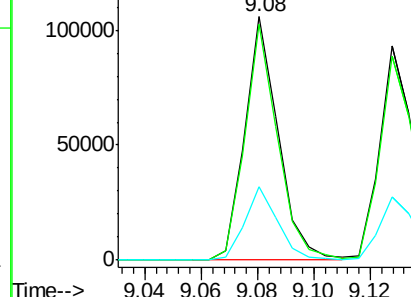
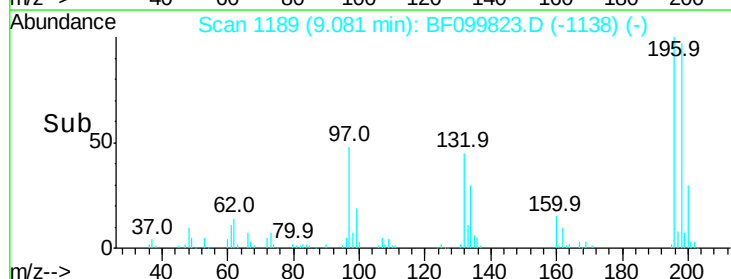
Lab File: BF099823.D

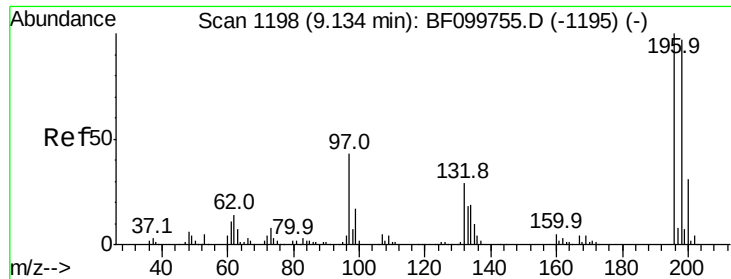
Acq: 25 Oct 2017 19:51

Tgt Ion:	196	Resp:	86832
Ion Ratio	Lower	Upper	
196	100		
198	96.7	75.7	113.5
200	30.3	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





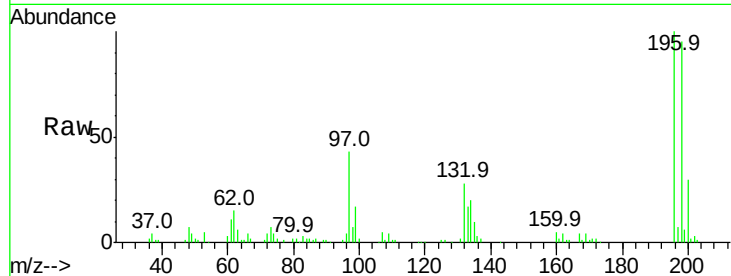
#43
 2,4,5-Trichlorophenol
 Concen: 32.962 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BS

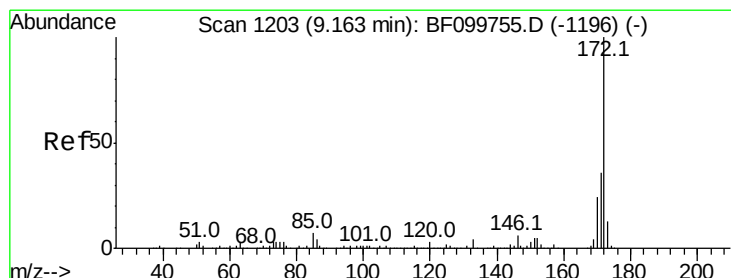
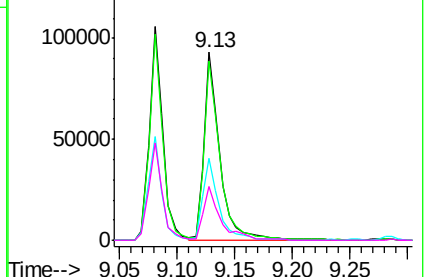
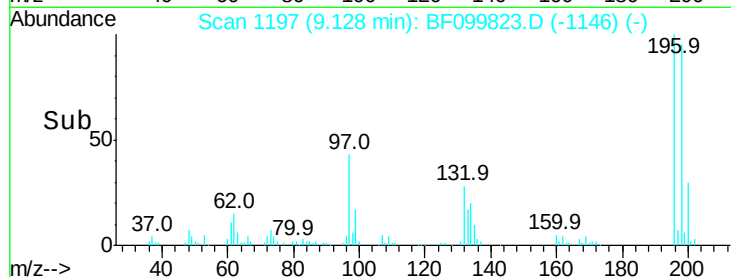
Tot Ion	196	Resp	90692
Ion Ratio	Lower	Upper	
196	100		
198	95.5	74.6	112.0
97	43.4	42.9	64.3
132	28.5	26.3	39.5

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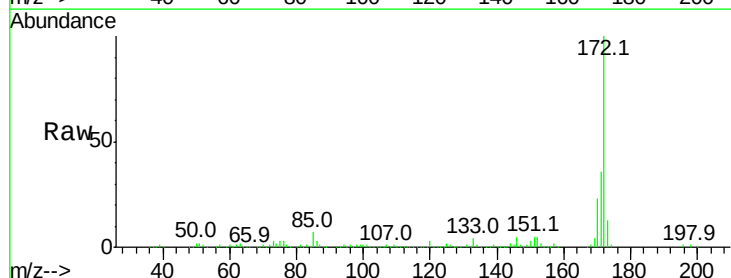


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

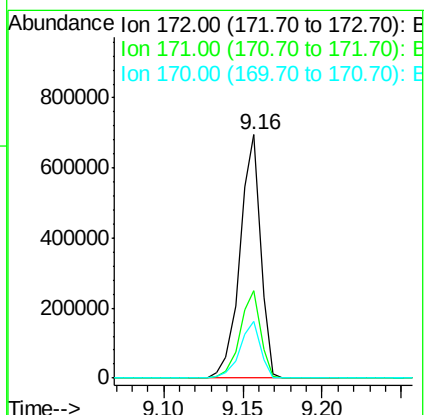
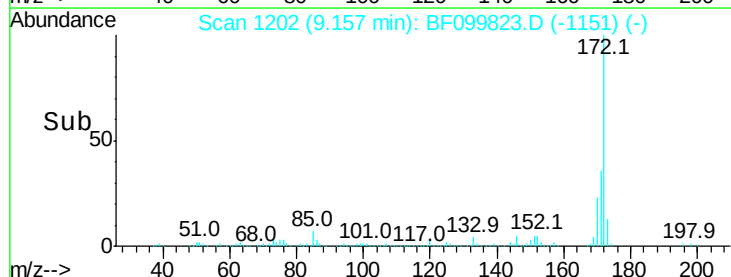


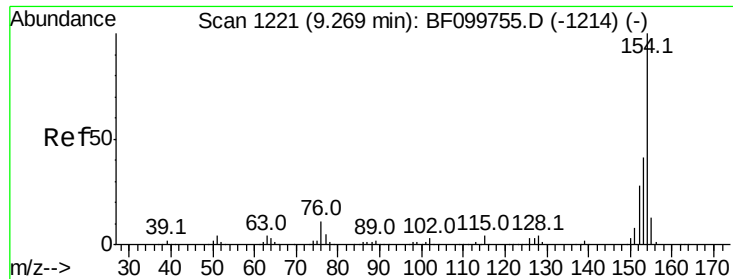
#44
 2-Fluorobiphenyl
 Concen: 72.760 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	172	Resp	625893
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.7	44.5
170	23.4	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





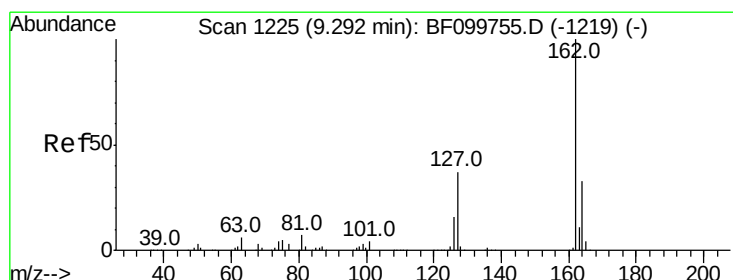
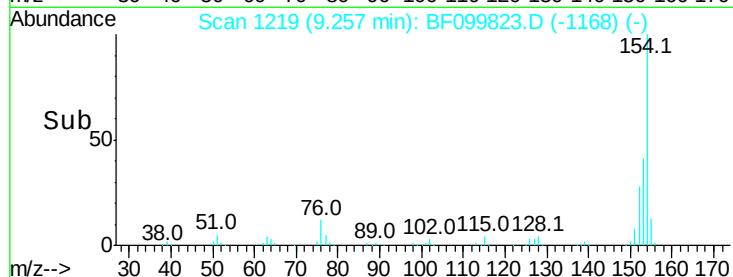
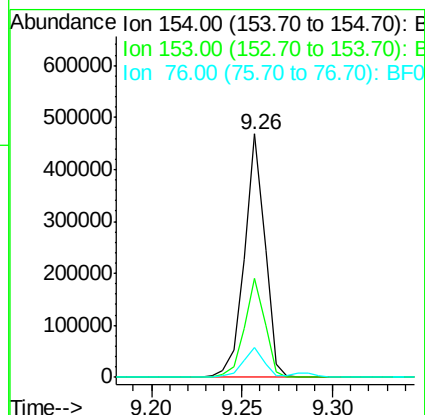
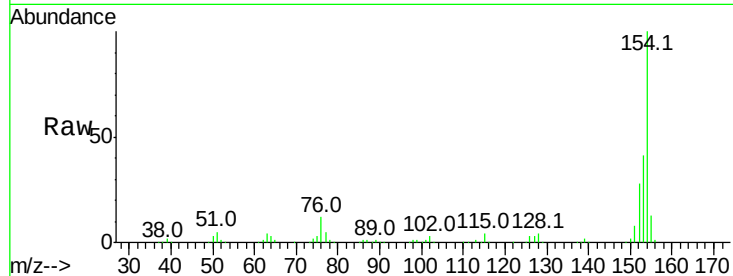
#45
1,1'-Biphenyl
Concen: 30.555 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :
PB103580BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.3	61.3
76	12.2	0.0	34.0

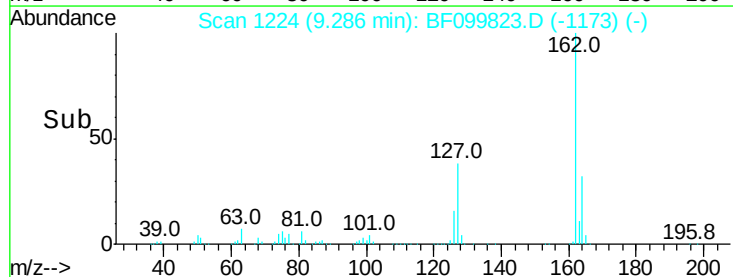
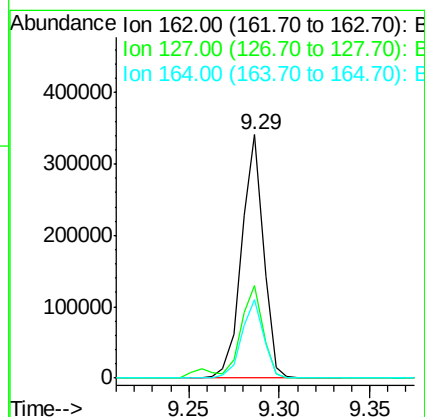
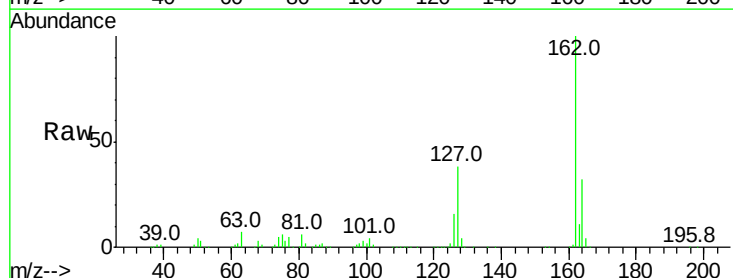
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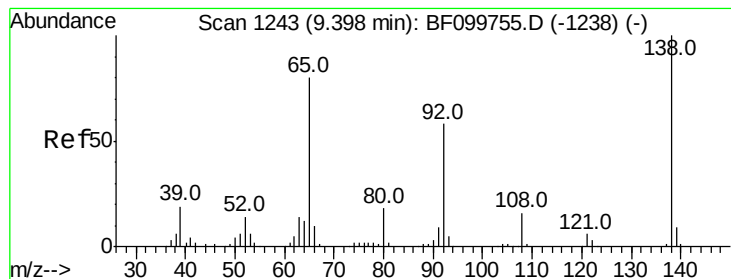
Sohil
10/27/2017 8:59:01 AM



#46
2-Chloronaphthalene
Concen: 32.822 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	33.9	50.9
164	32.3	26.5	39.7





#47

2-Nitroaniline

Concen: 31.963 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

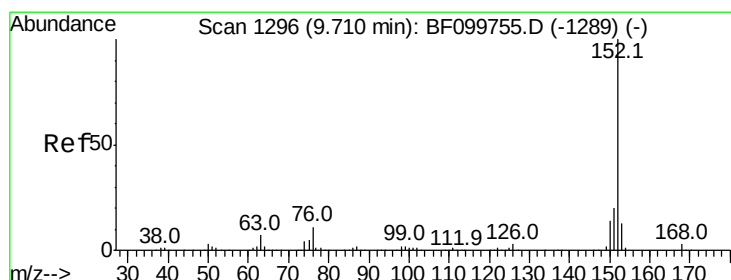
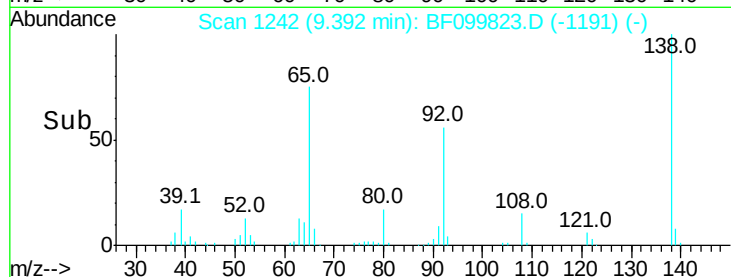
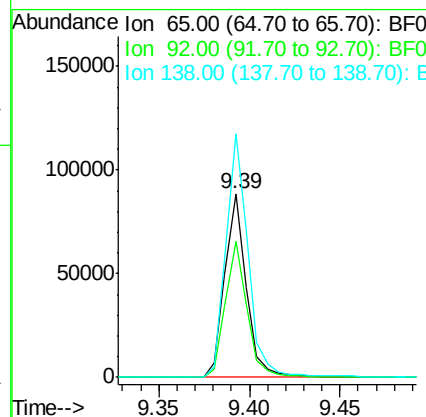
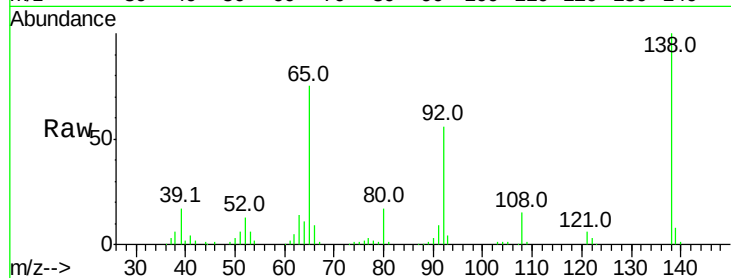
ClientSampleId :

PB103580BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.2	55.8	83.6
138	132.7	91.2	136.8

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#48

Acenaphthylene

Concen: 31.534 ng

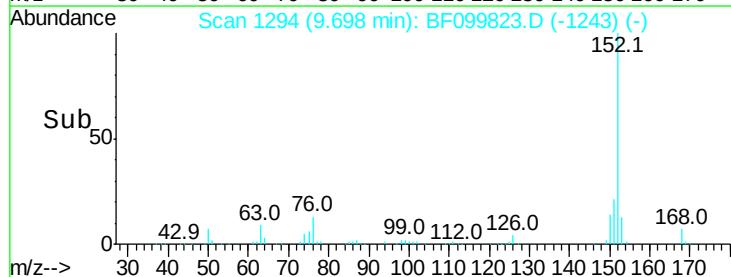
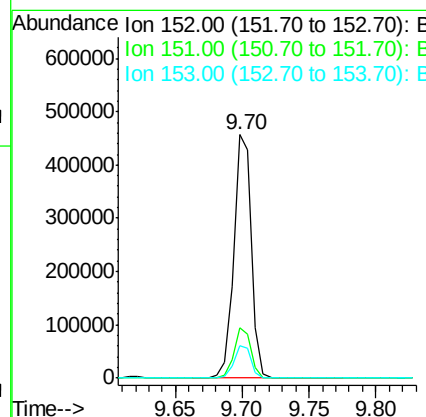
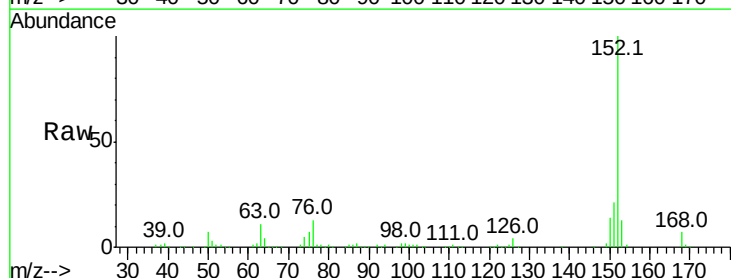
RT: 9.70 min Scan# 1294

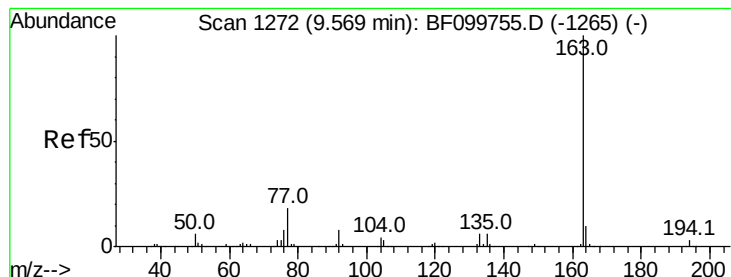
Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.5	10.7	16.1





#49

Dimethylphthalate

Concen: 32.012 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

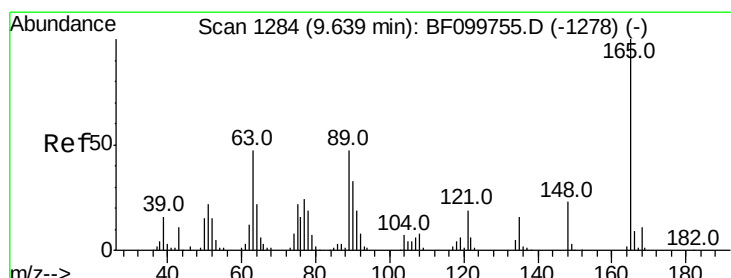
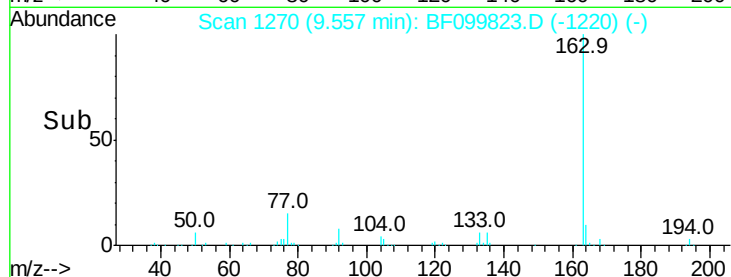
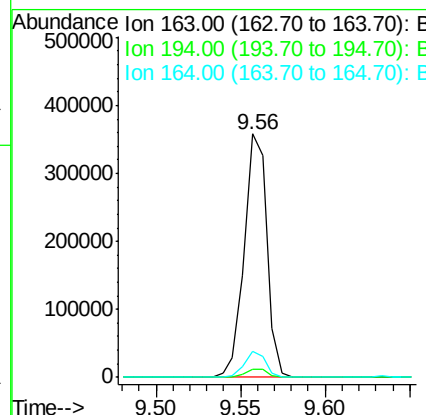
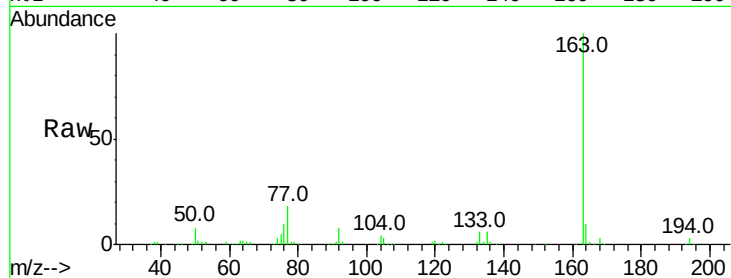
ClientSampleId :

PB103580BS

Tot Ion	163	Resp	336447
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.4	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 32.859 ng

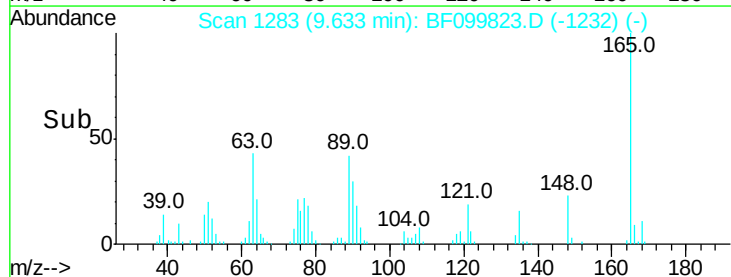
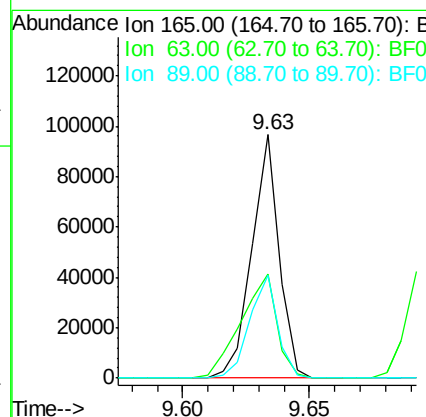
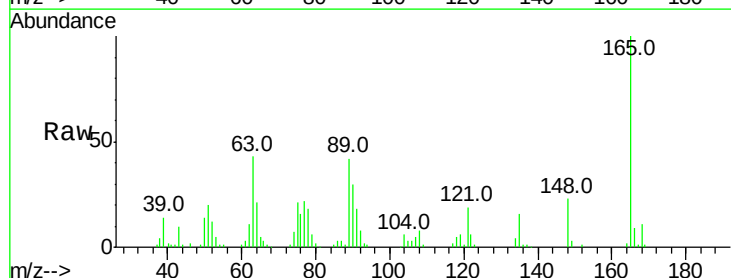
RT: 9.63 min Scan# 1283

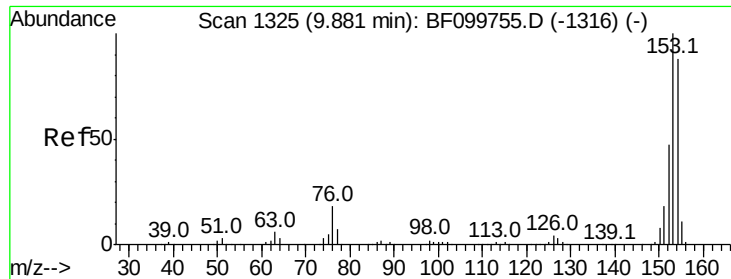
Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion	165	Resp	72600
Ion Ratio	Lower	Upper	
165	100		
63	42.8	44.7	67.1#
89	42.3	44.0	66.0#





#51

Acenaphthene

Concen: 31.140 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

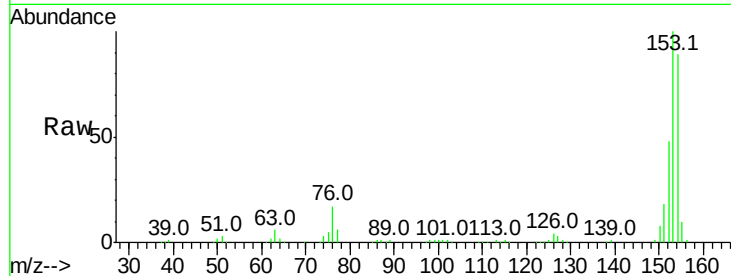
ClientSampleId :

PB103580BS

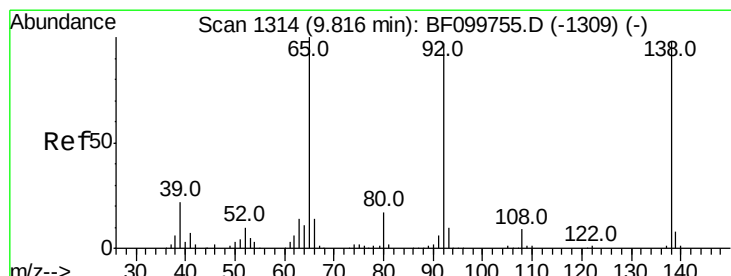
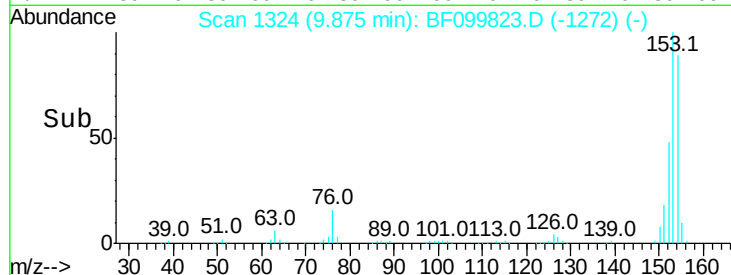
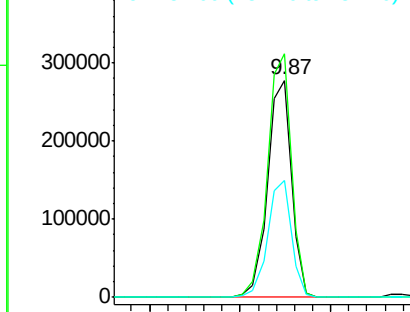
Tot Ion:	154	Resp:	255525
Ion Ratio	Lower	Upper	
154	100		
153	112.3	91.2	136.8
152	53.9	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.869 ng

RT: 9.80 min Scan# 1312

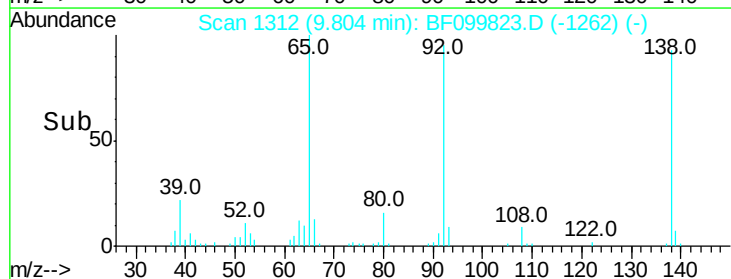
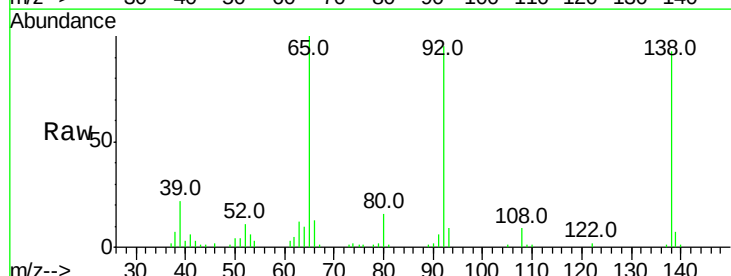
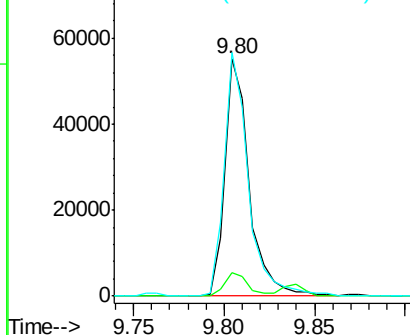
Delta R.T. -0.01 min

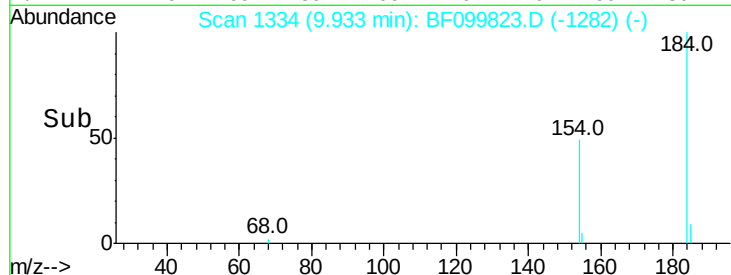
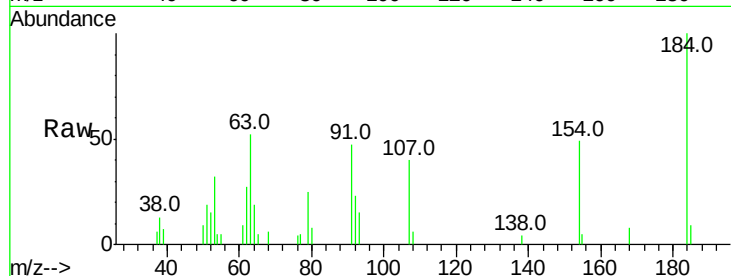
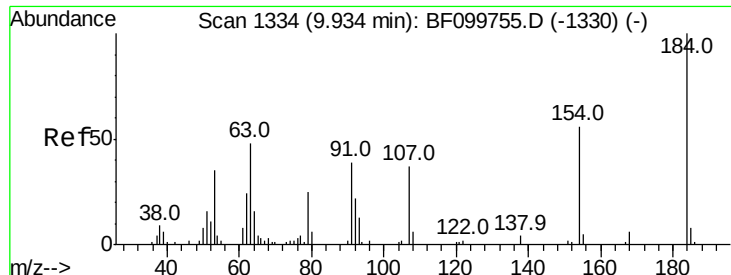
Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion:	138	Resp:	51727
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.4	14.0
92	102.4	89.4	134.2

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





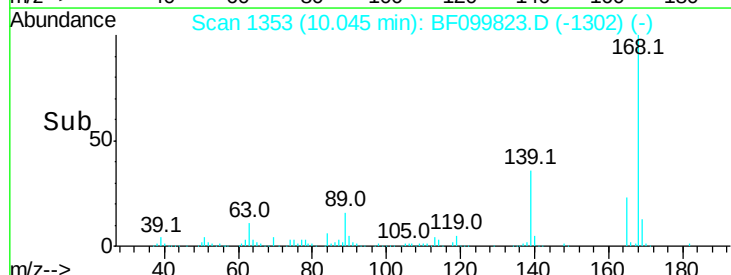
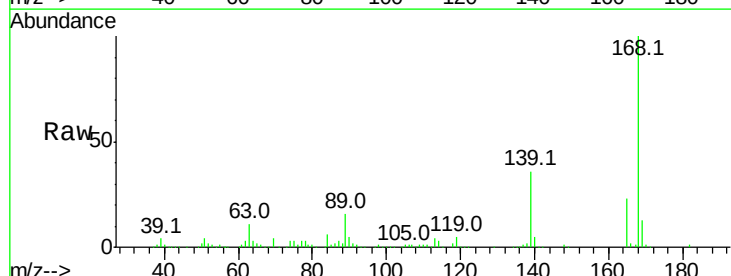
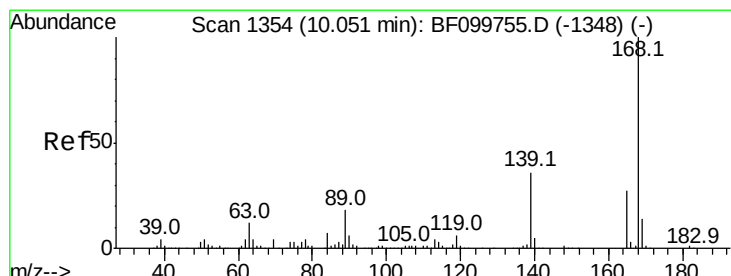
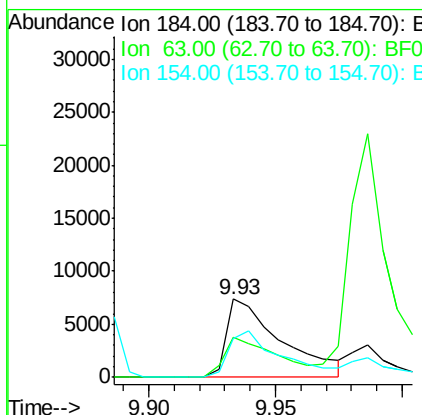
#53
2,4-Dinitrophenol
Concen: 17.607 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	51.6	54.2	81.2#	
154	49.1	53.5	80.3#	

Instrument :
BNA_F
ClientSampleId :
PB103580BS

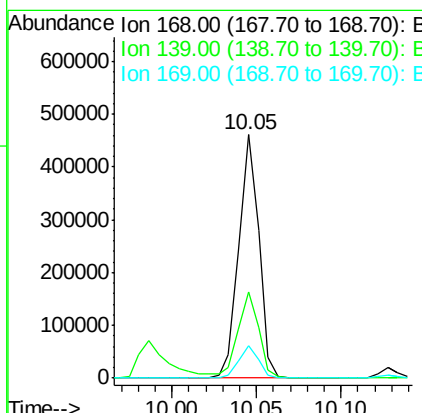
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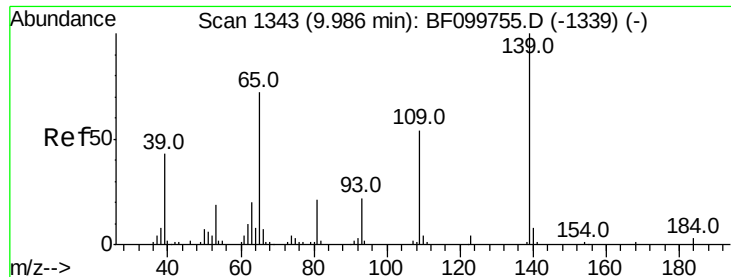
Sohil
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#54
Dibenzofuran
Concen: 32.753 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	35.6	30.1	45.1	
169	13.2	10.9	16.3	





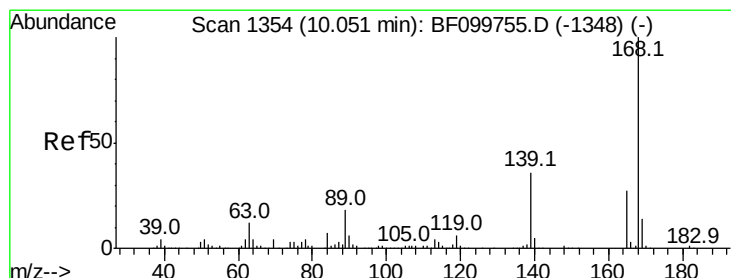
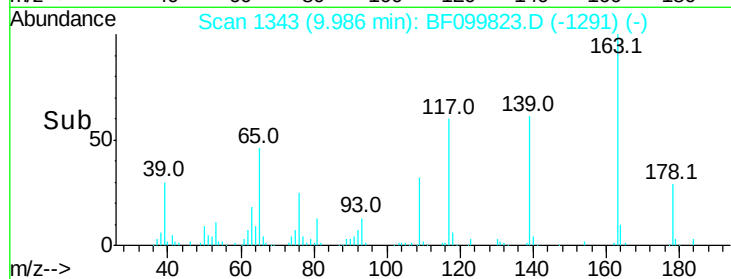
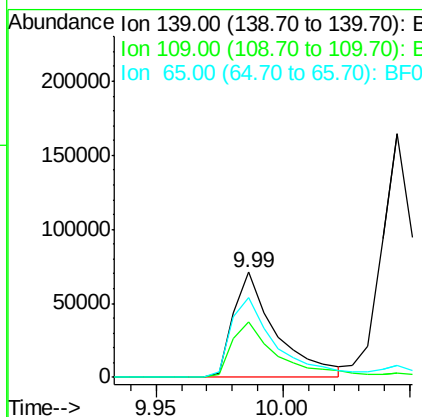
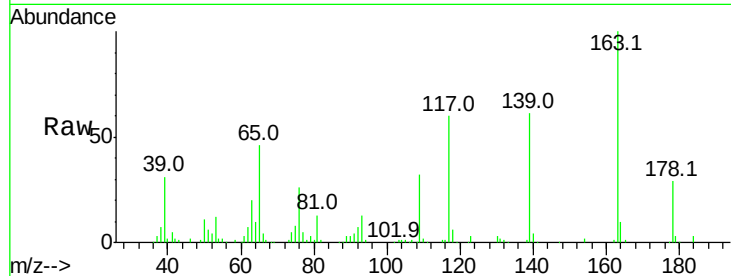
#55
4-Nitrophenol
Concen: 60.919 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleID :
PB103580BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	52.1	48.4	88.4
65	76.4	72.6	112.6

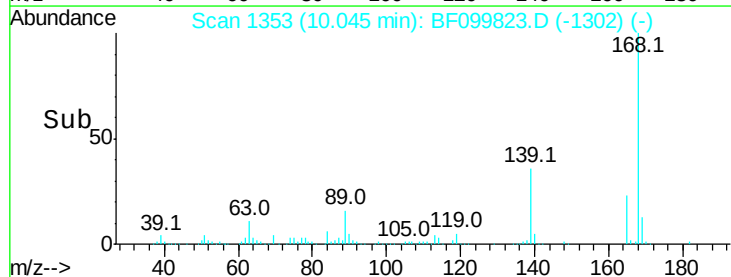
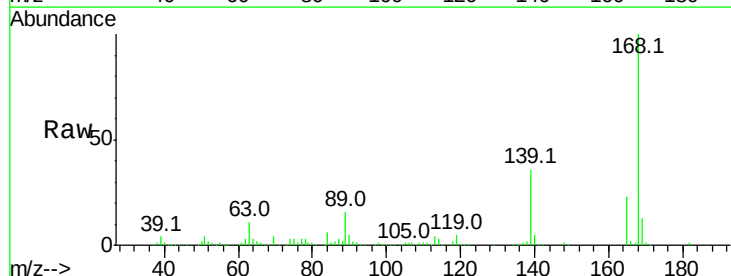
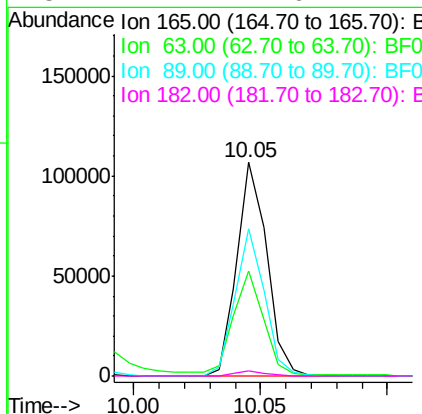
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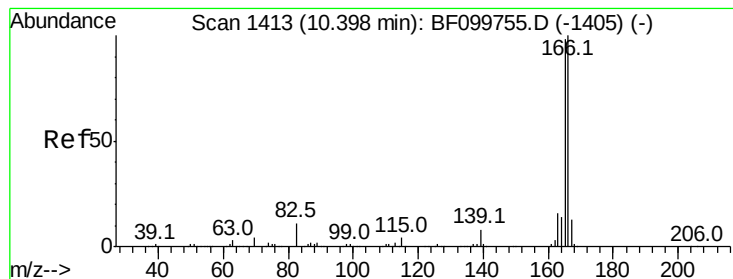
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#56
2,4-Dinitrotoluene
Concen: 33.073 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.2	36.4	54.6
89	68.8	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 31.694 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

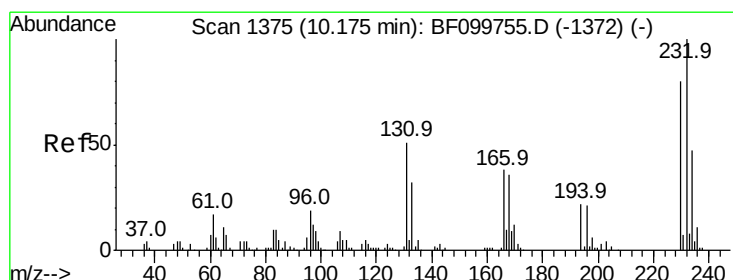
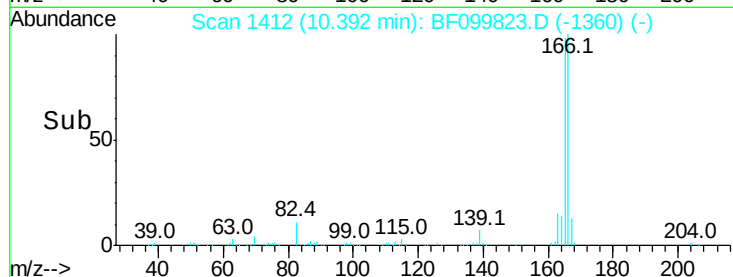
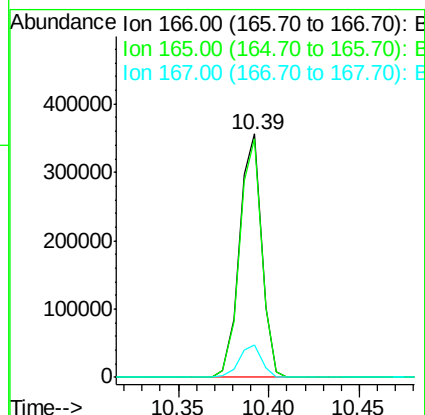
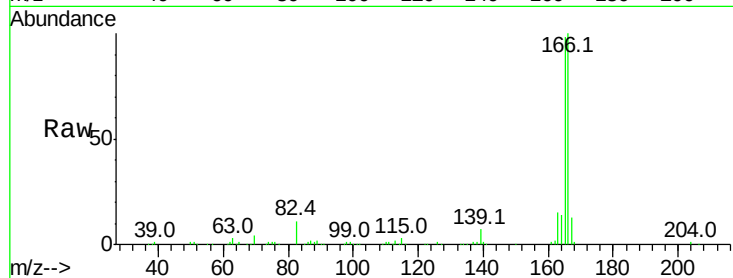
ClientSampleId :

PB103580BS

Tot Ion:	166	Resp:	303959
Ion Ratio	Lower	Upper	
166	100		
165	97.7	79.8	119.8
167	13.4	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 33.406 ng

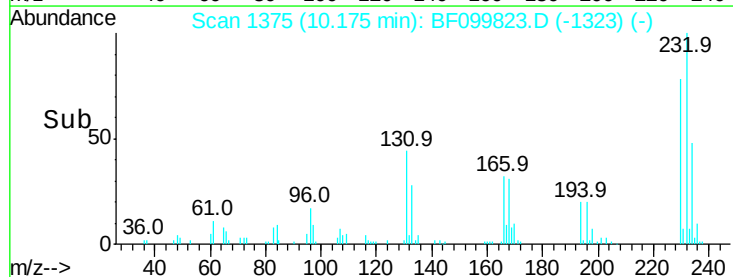
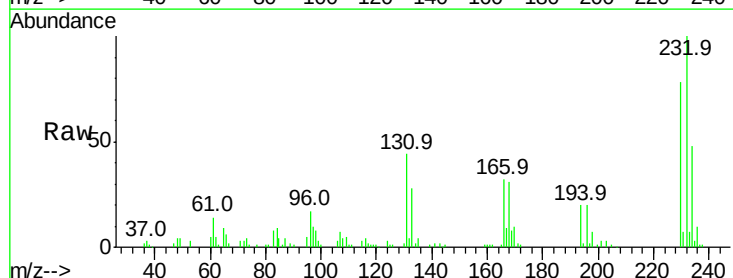
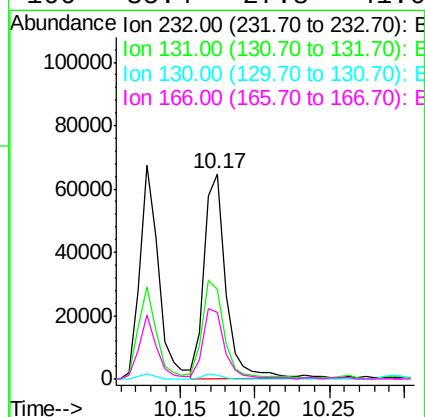
RT: 10.17 min Scan# 1375

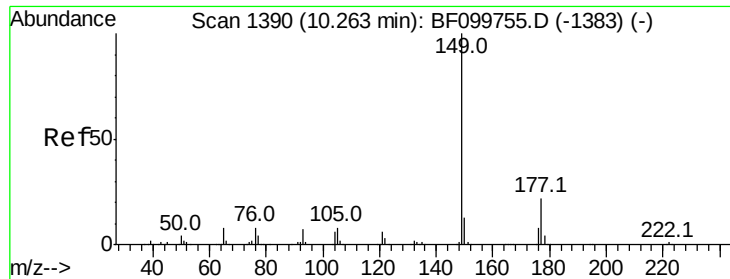
Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion:	232	Resp:	64445
Ion Ratio	Lower	Upper	
232	100		
131	50.6	43.8	65.8
130	2.2	2.1	3.1
166	35.4	27.8	41.6





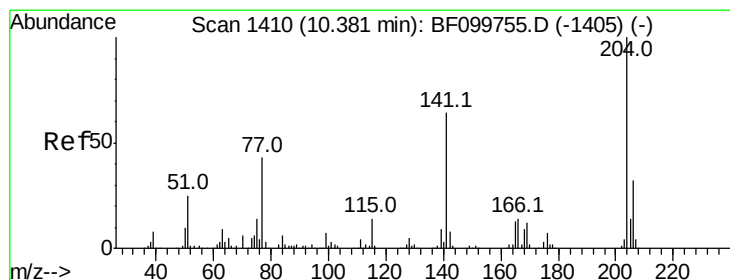
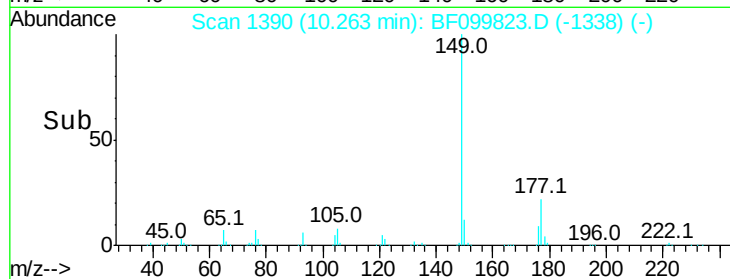
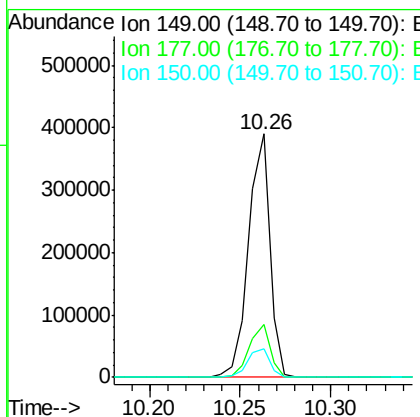
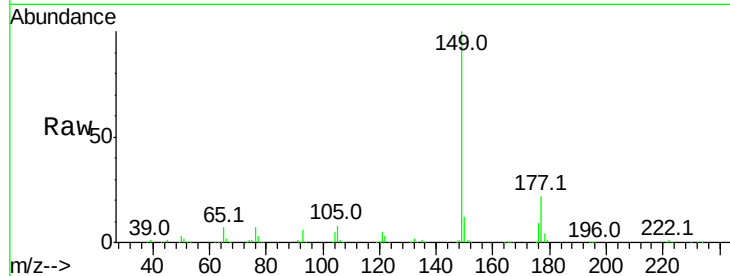
#59
Diethylphthalate
Concen: 31.196 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampled :
PB103580BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	320186		
177	21.9	16.1	24.1	
150	11.9	10.1	15.1	

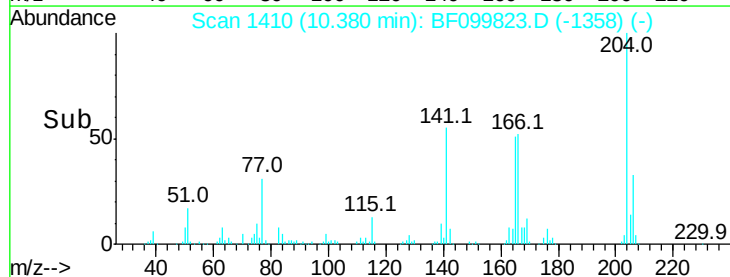
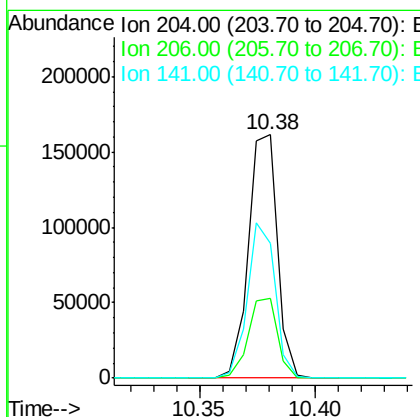
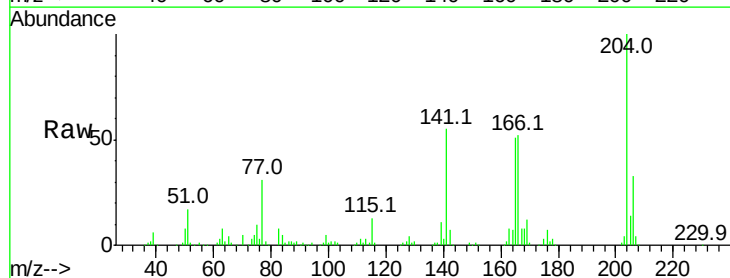
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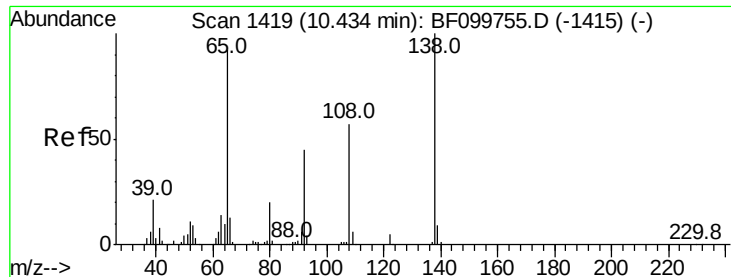
Sohil
10/27/2017 8:59:01 AM



#60
4-Chlorophenyl-phenylether
Concen: 31.507 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	142209		
206	32.8	26.5	39.7	
141	55.4	54.6	81.8	





#61

4-Nitroaniline

Concen: 26.061 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

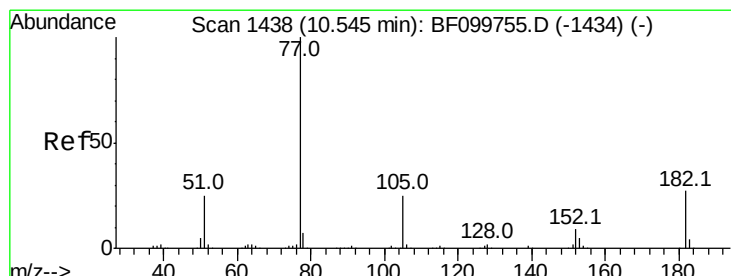
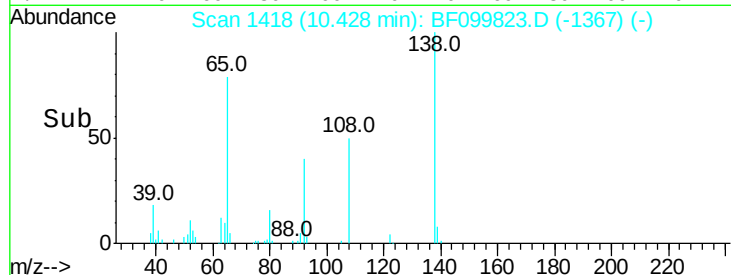
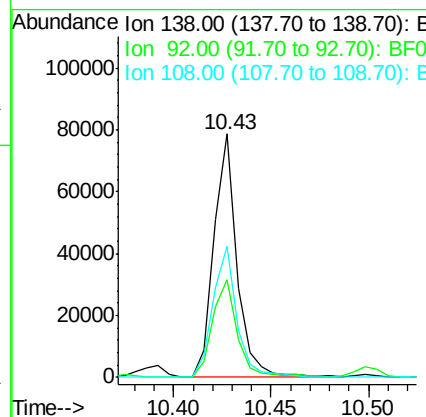
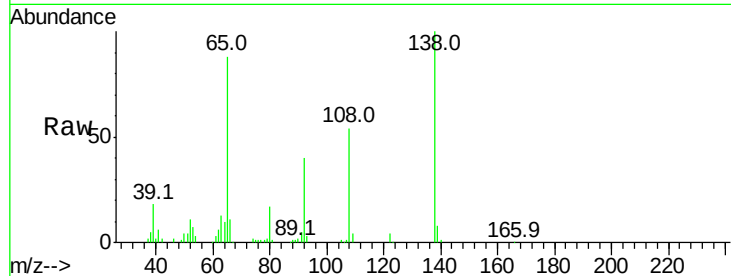
ClientSampleId :

PB103580BS

Tot Ion:	138	Resp:	64731
Ion	Ratio	Lower	Upper
138	100		
92	40.3	30.2	70.2
108	53.6	52.5	92.5

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#62

Azobenzene

Concen: 31.065 ng

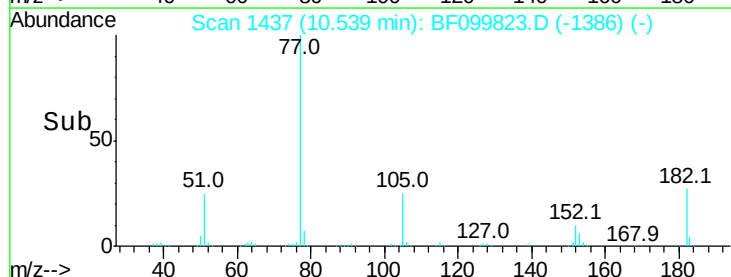
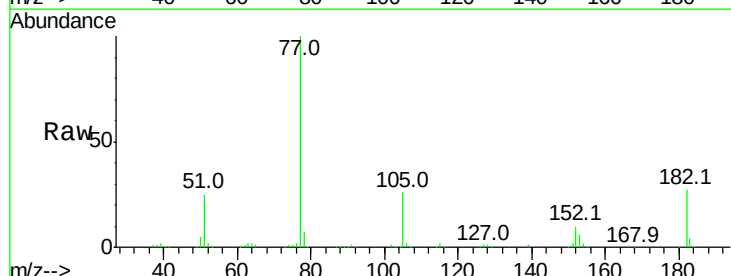
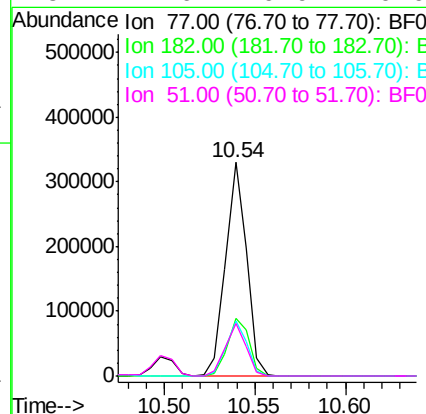
RT: 10.54 min Scan# 1437

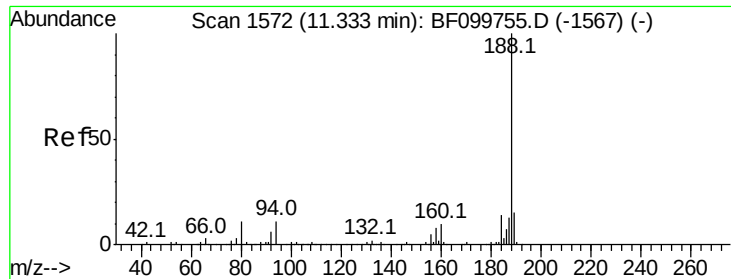
Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion:	77	Resp:	267274
Ion	Ratio	Lower	Upper
77	100		
182	26.9	1.7	41.7
105	25.6	3.0	43.0
51	24.6	9.9	49.9





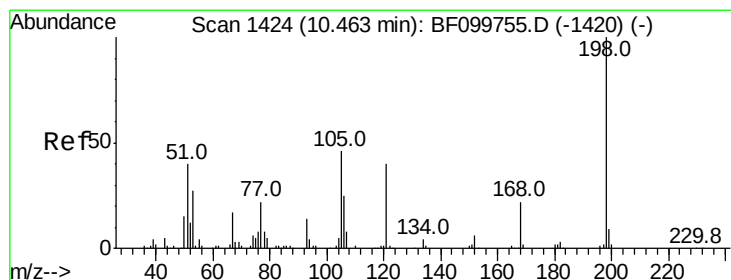
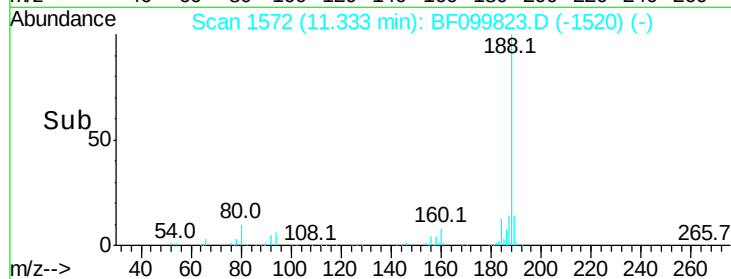
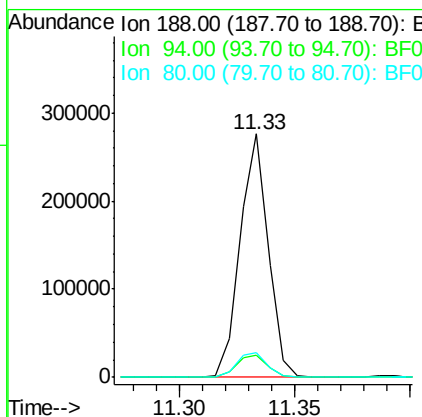
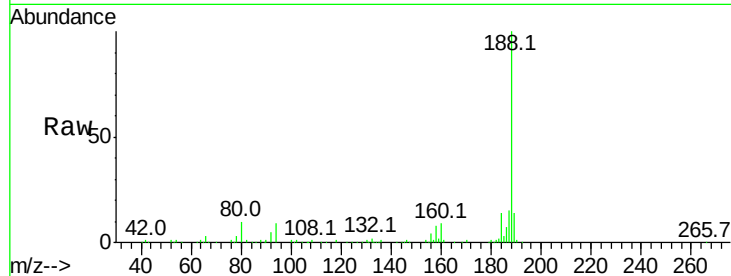
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	234510		
94	9.1		8.5	12.7
80	10.0		9.2	13.8

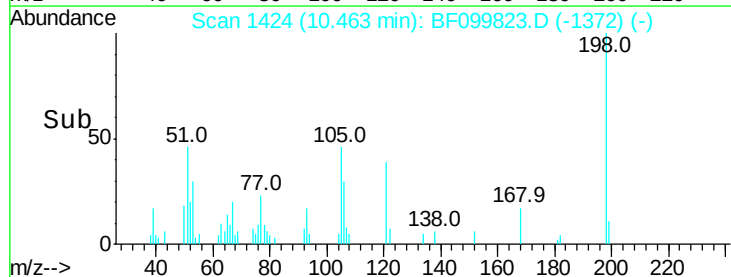
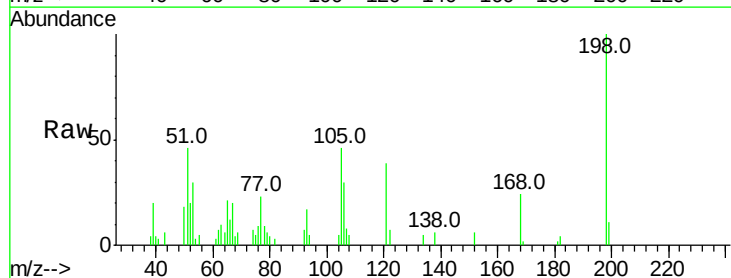
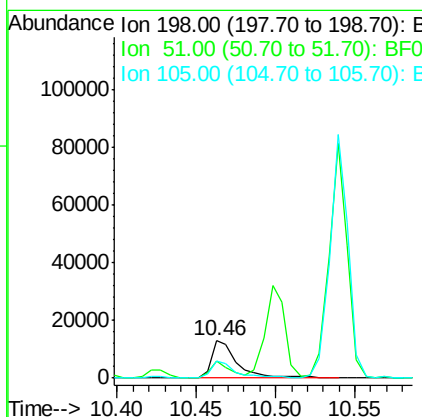
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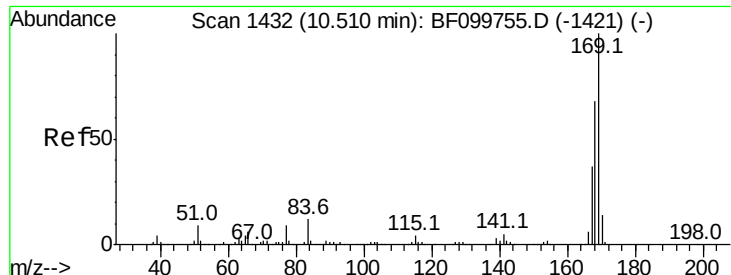
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 10/27/2017 8:59:01 AM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 9.889 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	14578		
51	45.6		37.7	77.7
105	45.9		36.3	76.3





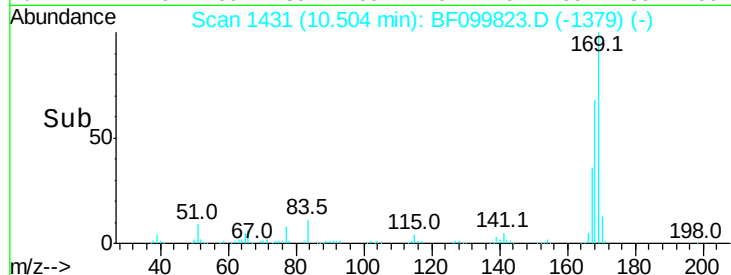
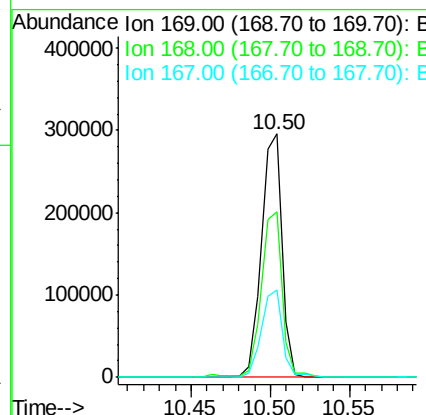
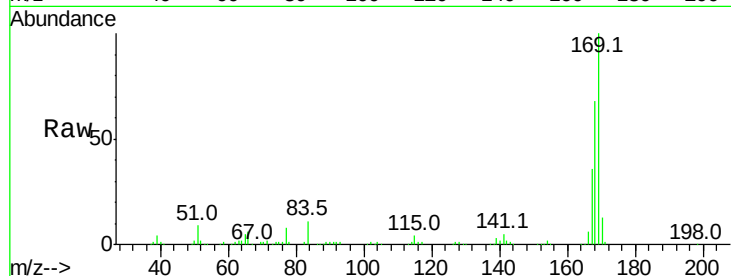
#65
 n-Nitrosodiphenylamine
 Concen: 30.987 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	268247		
168	67.8	54.4	81.6	
167	35.8	29.8	44.6	

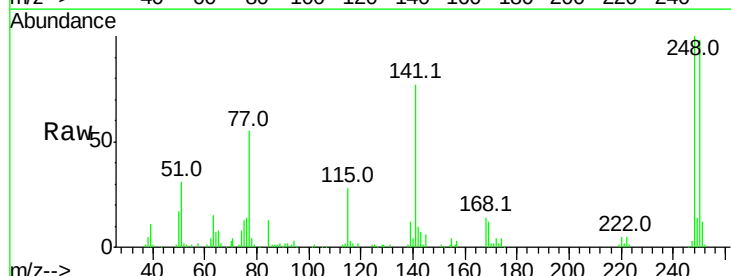
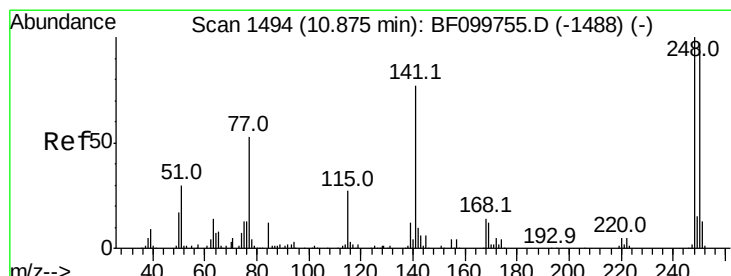
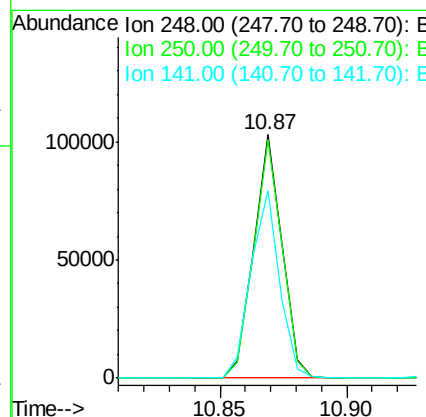
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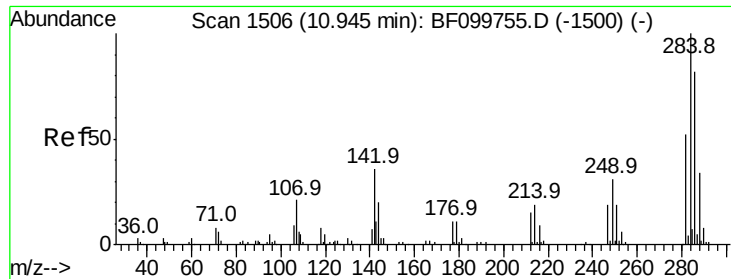
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#66
 4-Bromophenyl-phenylether
 Concen: 32.445 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	80102		
250	97.8	76.9	115.3	
141	76.9	74.4	111.6	





#67

Hexachlorobenzene

Concen: 31.062 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

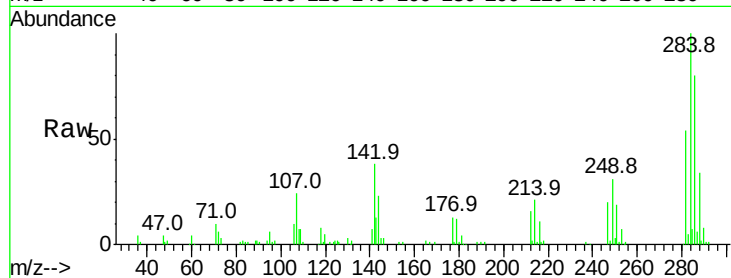
ClientSampleId :

PB103580BS

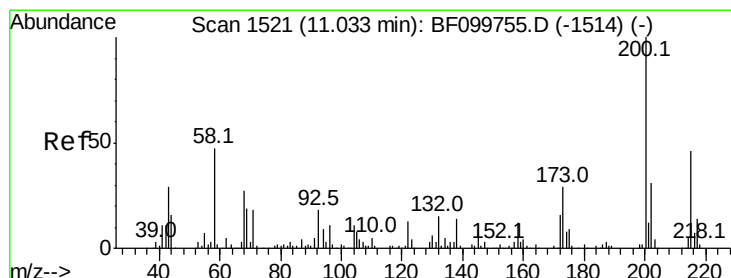
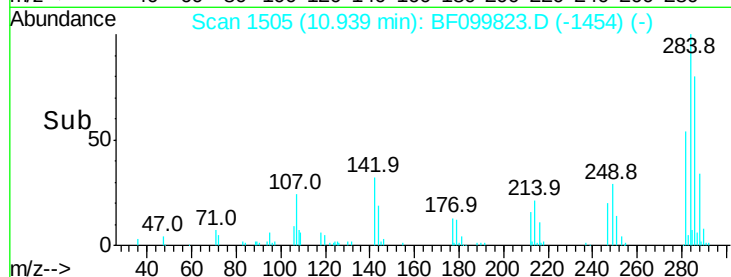
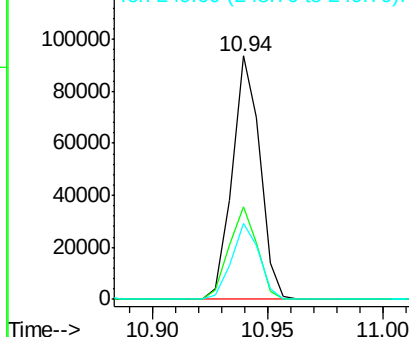
Tot Ion:	284	Resp:	78455
Ion Ratio	Lower	Upper	
284	100		
142	38.3	34.6	52.0
249	31.3	24.8	37.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 32.120 ng

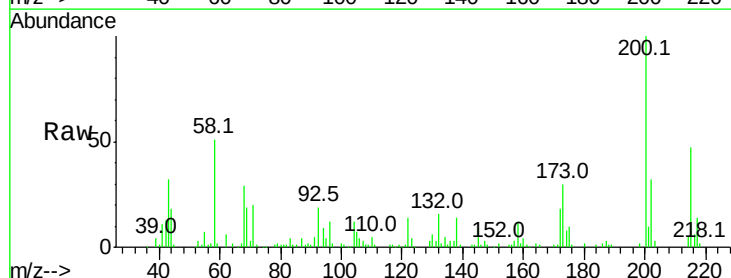
RT: 11.03 min Scan# 1520

Delta R.T. 0.00 min

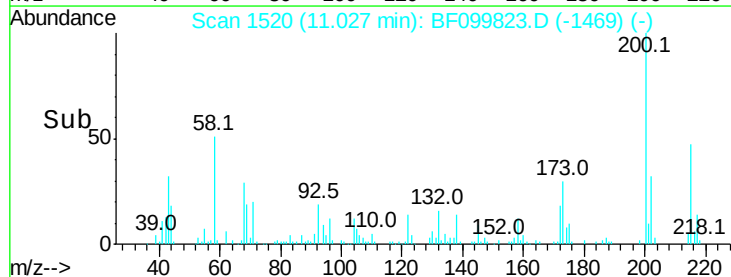
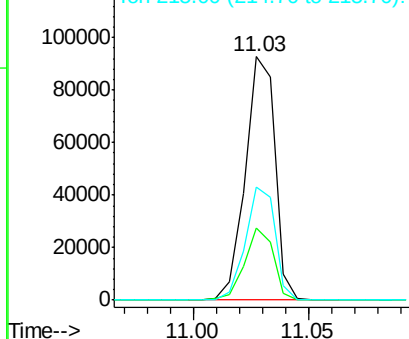
Lab File: BF099823.D

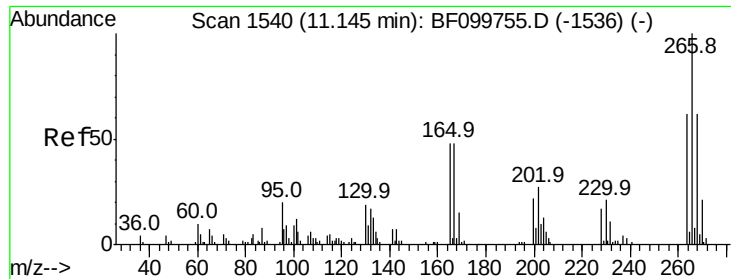
Acq: 25 Oct 2017 19:51

Tgt Ion:	200	Resp:	83525
Ion Ratio	Lower	Upper	
200	100		
173	29.6	8.6	48.6
215	46.6	25.1	65.1



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





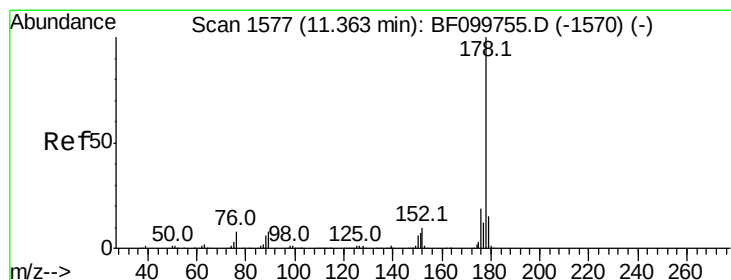
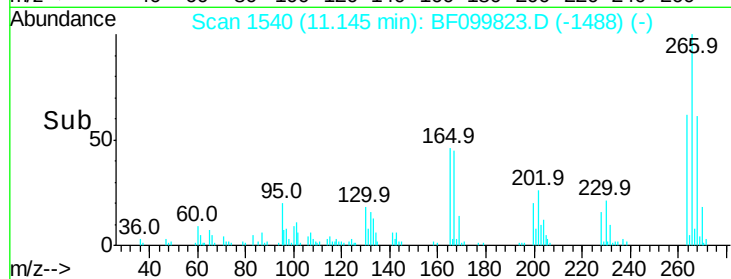
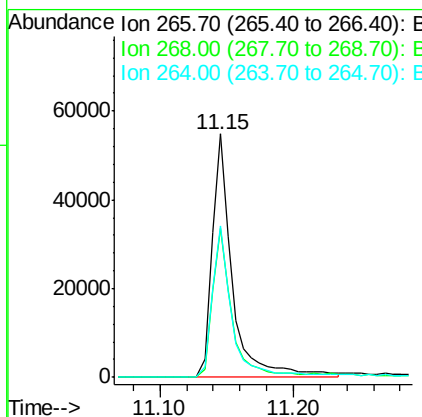
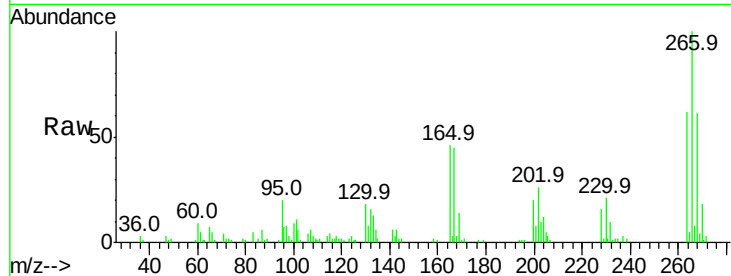
#69
 Pentachlorophenol
 Concen: 54.202 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	58498		
268	61.1		51.1	76.7
264	62.0		49.5	74.3

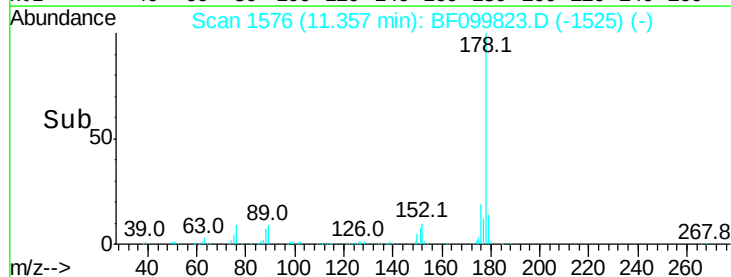
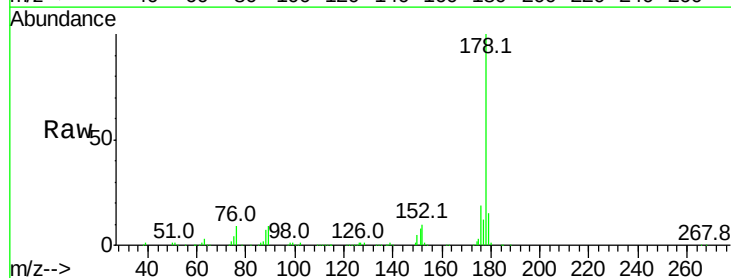
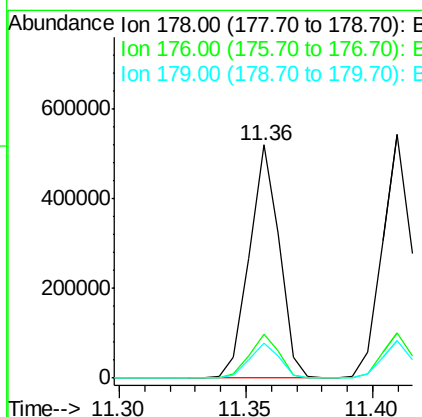
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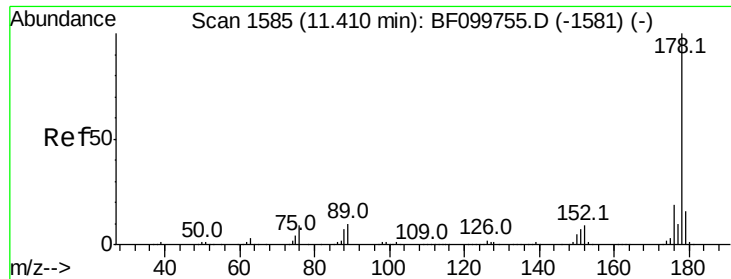
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#70
 Phenanthrene
 Concen: 32.271 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	427095		
176	19.0		15.8	23.8
179	15.0		13.0	19.6





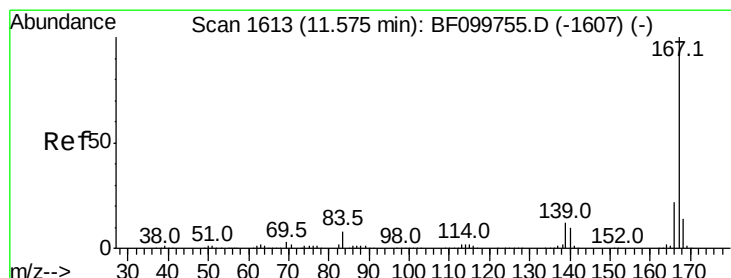
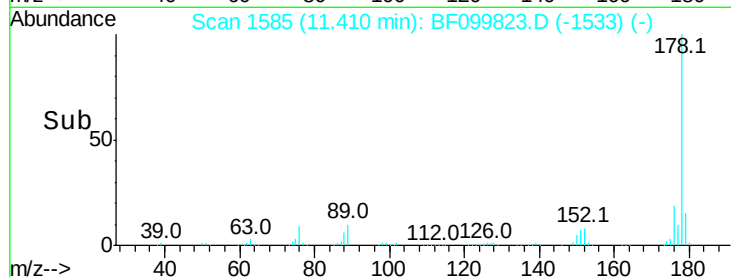
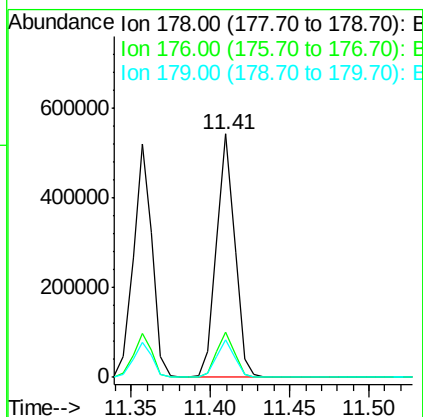
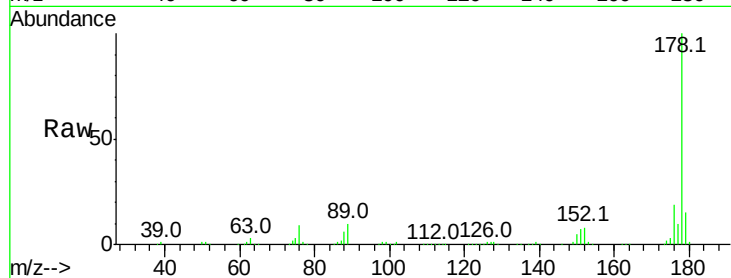
#71
 Anthracene
 Concen: 32.549 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.4	12.6	19.0

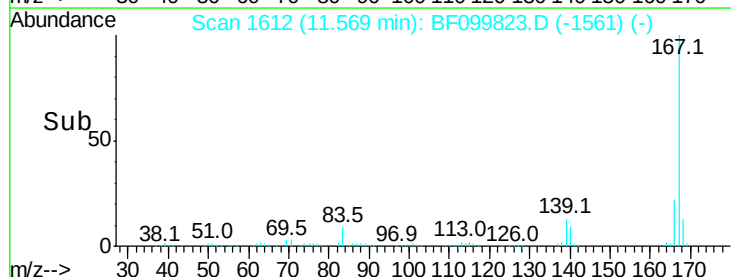
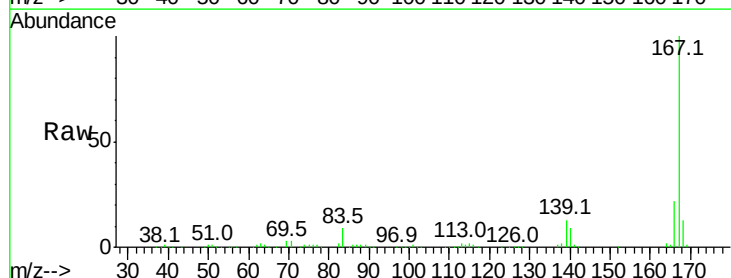
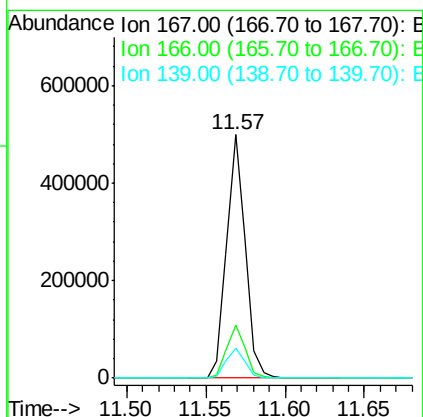
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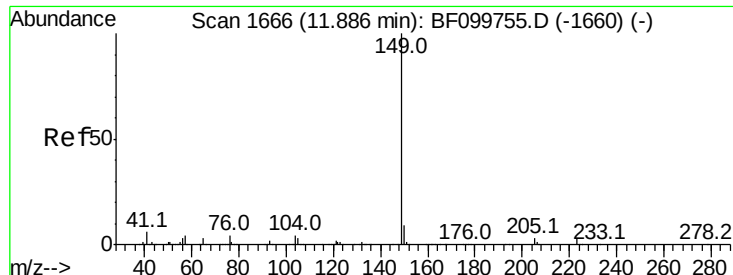
Sohil
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#72
 Carbazole
 Concen: 32.211 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 32.020 ng

RT: 11.89 min Scan# 1666

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

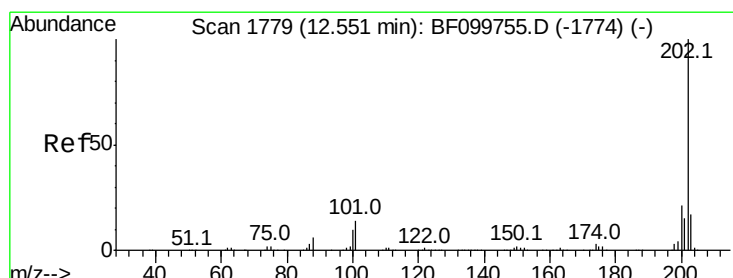
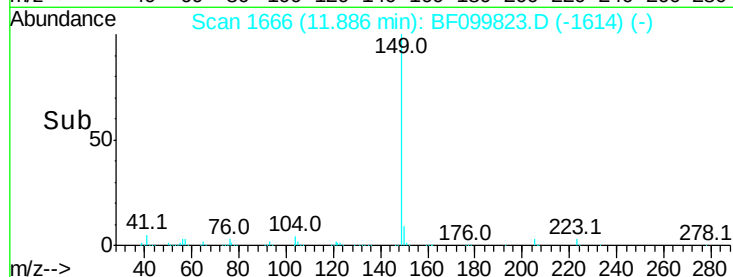
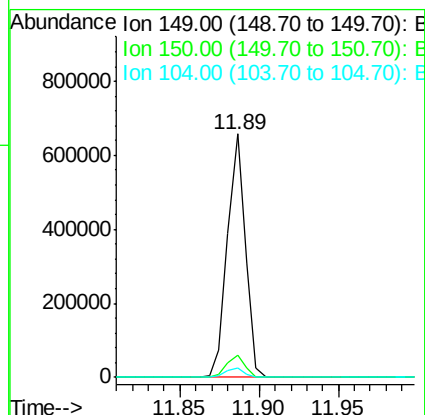
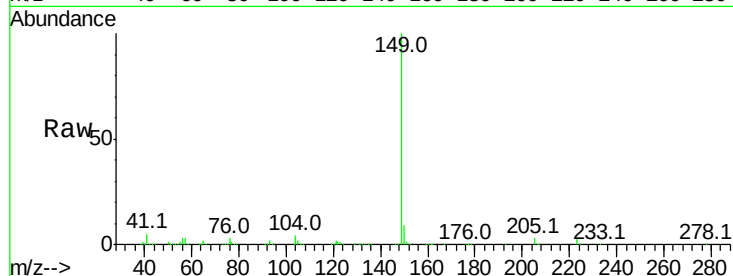
ClientSampleId :

PB103580BS

Tot Ion:	149	Resp:	515932
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	3.9	3.8	5.8

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#74

Fluoranthene

Concen: 31.348 ng

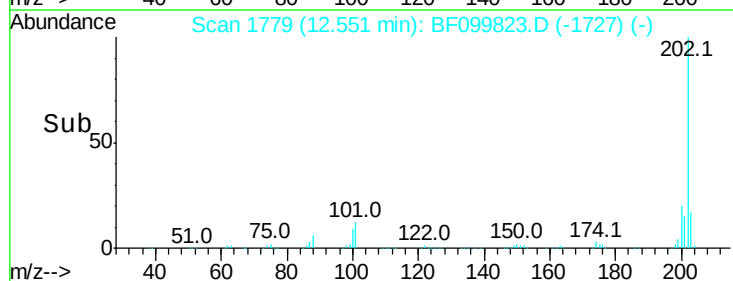
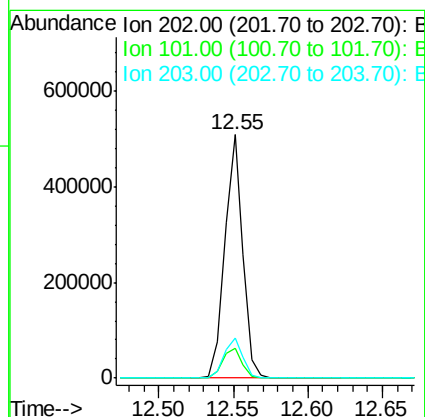
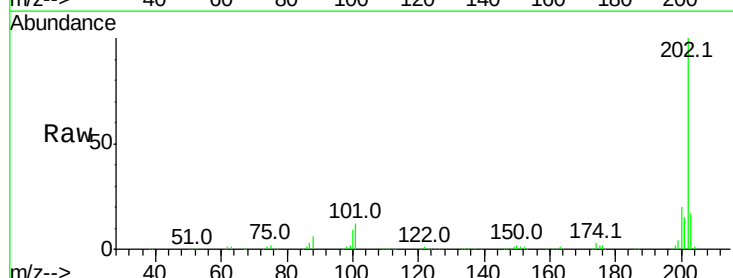
RT: 12.55 min Scan# 1779

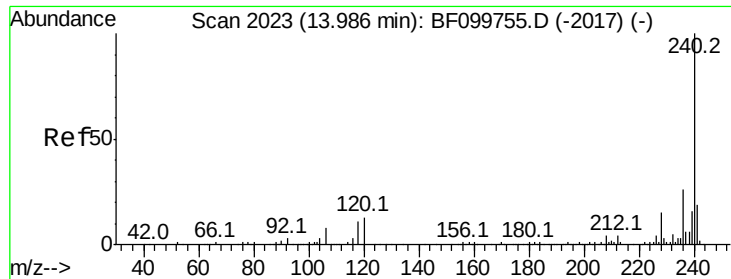
Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion:	202	Resp:	431154
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	34.1
203	16.5	0.0	38.1





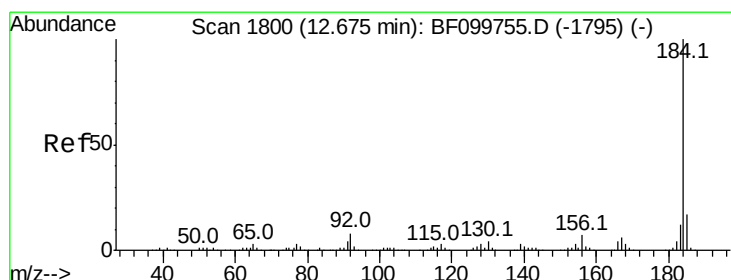
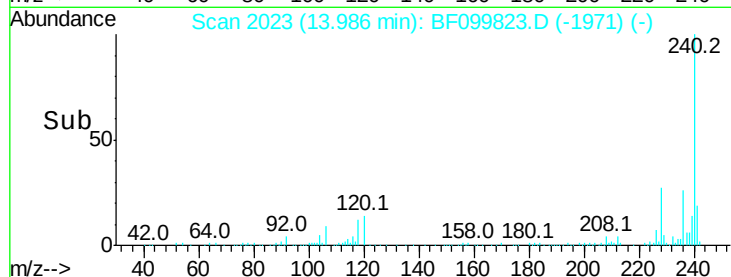
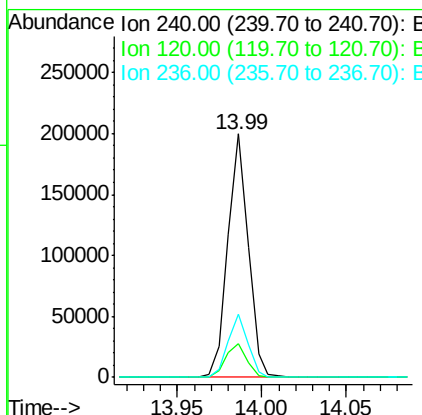
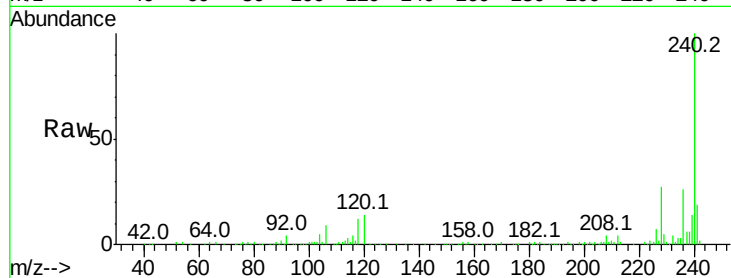
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleID :
 PB103580BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.1	20.7	31.1

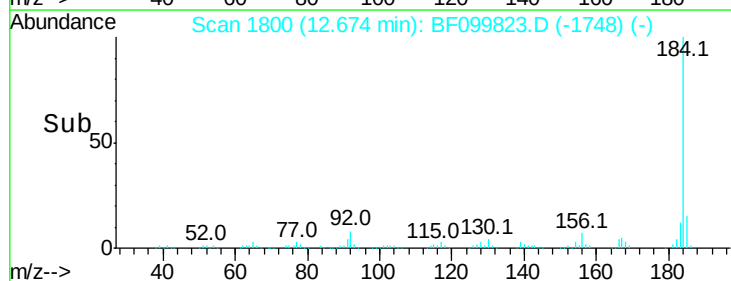
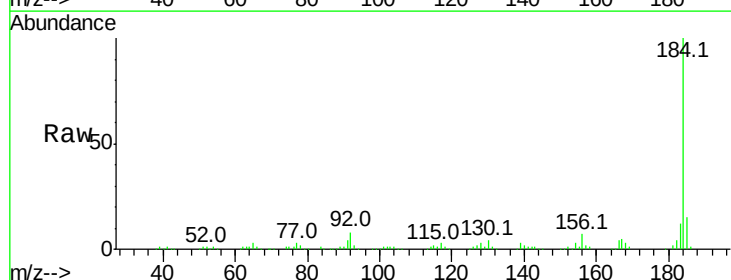
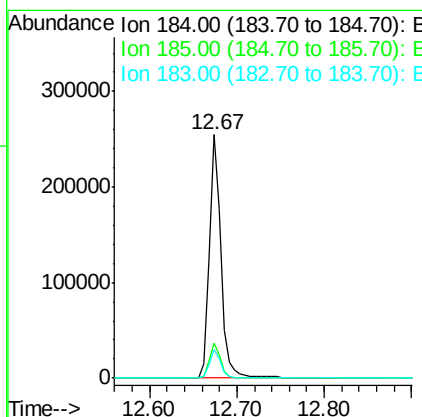
Manual Integrations
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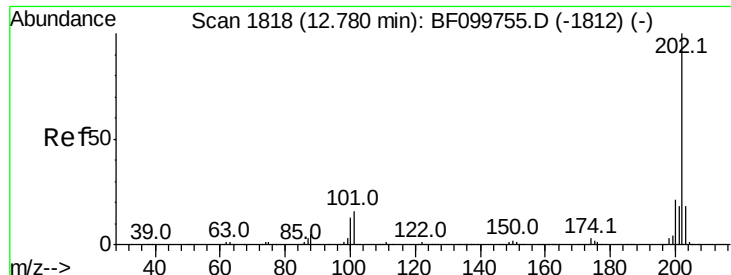
Sohil
 10/27/2017 8:59:01 AM



#76
 Benzidine
 Concen: 32.238 ng
 RT: 12.67 min Scan# 1800
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.6	18.8
183	12.0	9.3	13.9





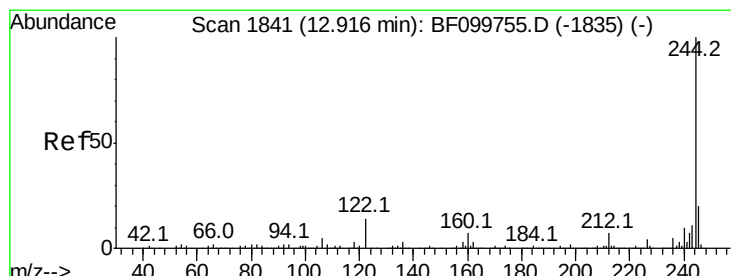
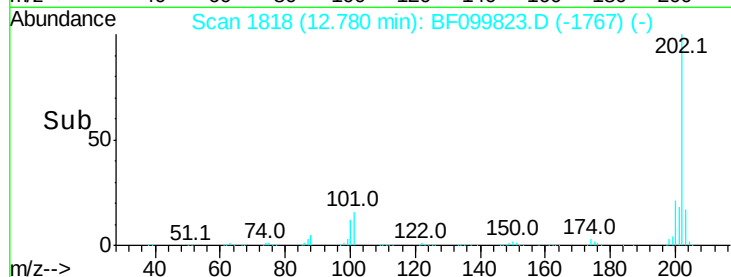
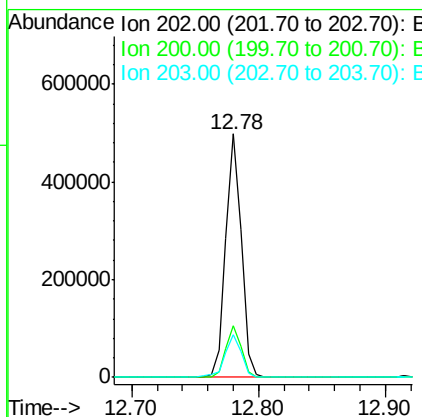
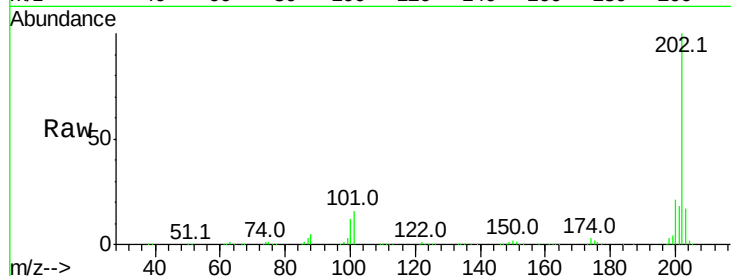
#77
Pvrene
Concen: 33.459 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :
PB103580BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	17.4	26.2	
203	17.3	14.3	21.5	

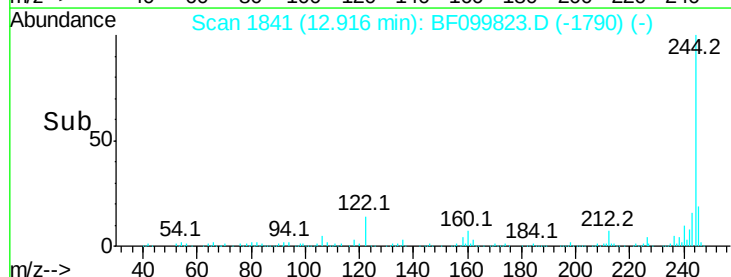
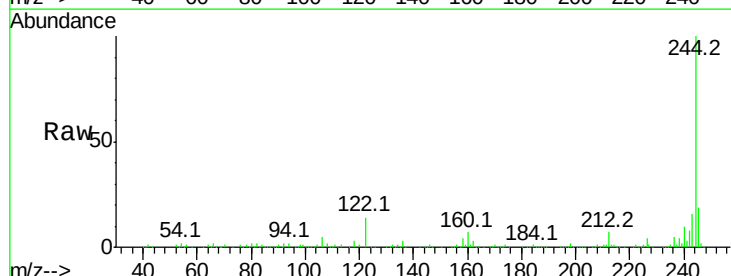
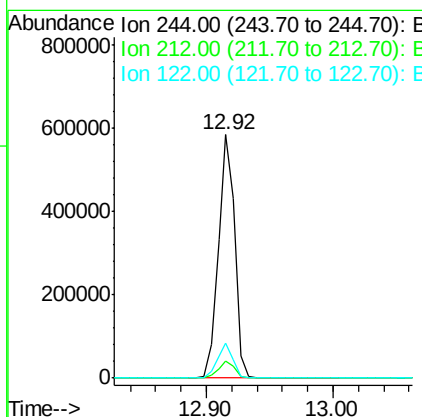
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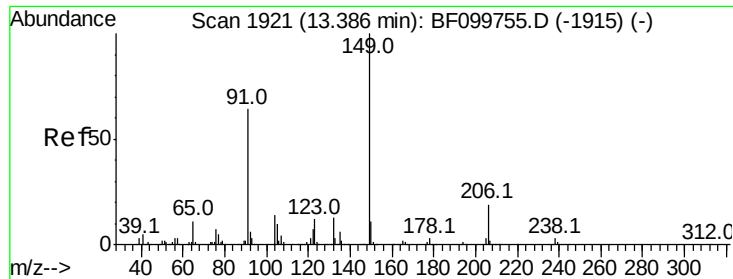
Sohil
10/27/2017 8:59:01 AM



#78
Terphenyl-d14
Concen: 69.048 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.9	5.4	8.0	
122	14.1	11.0	16.4	





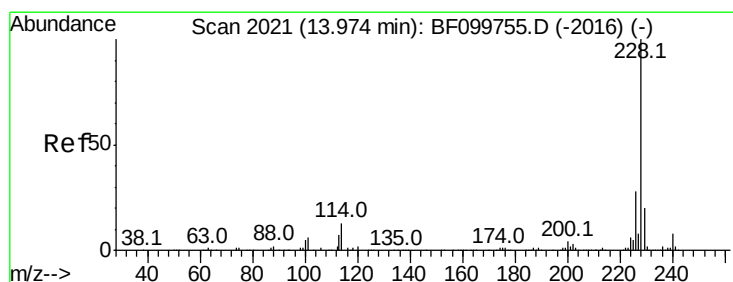
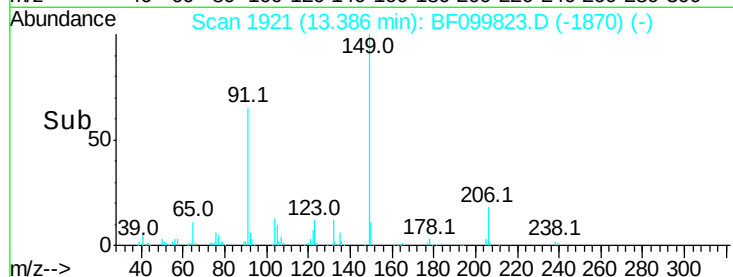
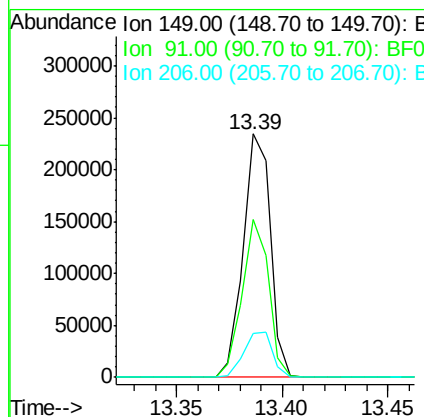
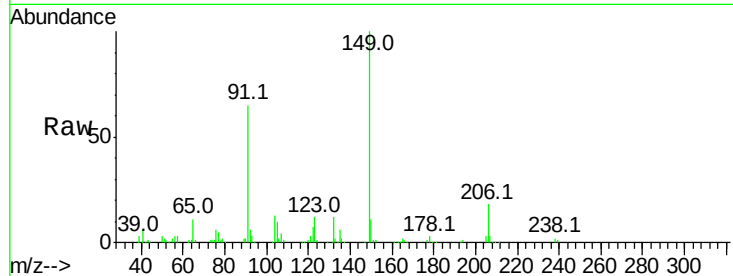
#79
Butylbenzylphthalate
Concen: 33.317 ng
RT: 13.39 min Scan# 1921
Delta R.T. 0.00 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :
PB103580BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	209140		
91	64.8	56.8	85.2	
206	18.2	14.1	21.1	

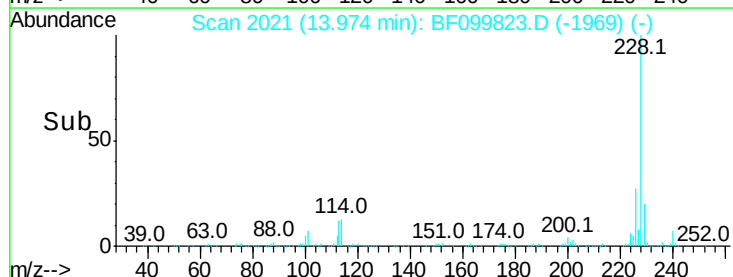
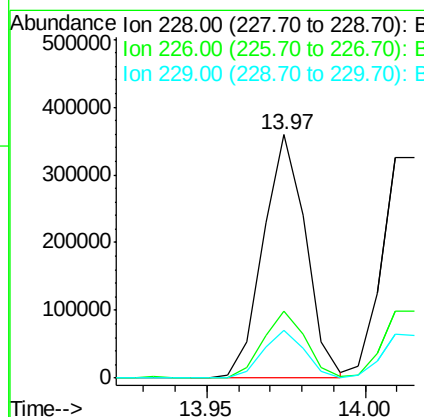
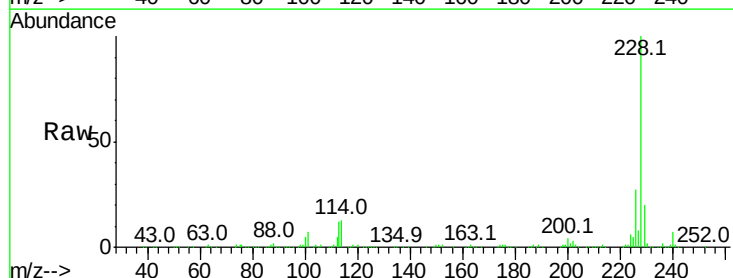
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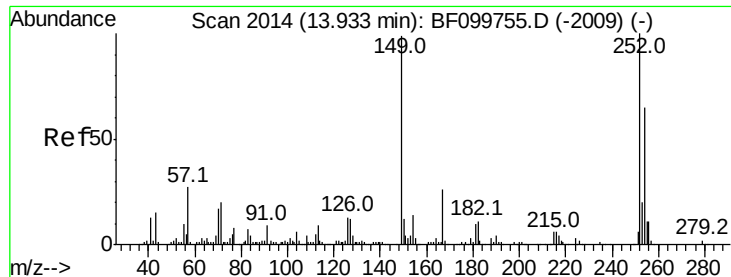
Sohil
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#80
Benzo(a)anthracene
Concen: 31.485 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	334603		
226	27.4	22.6	33.8	
229	19.6	15.8	23.6	





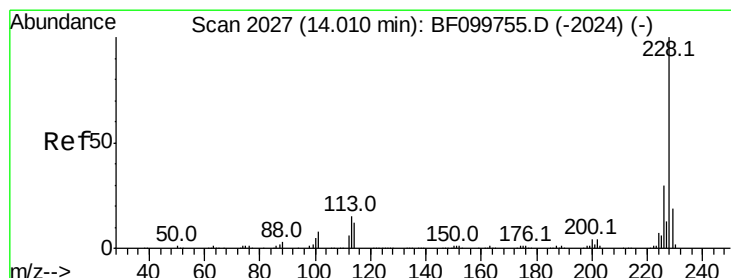
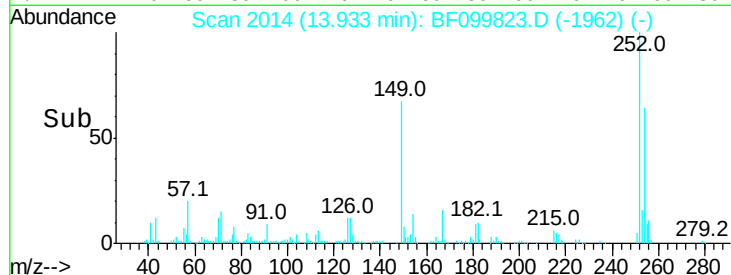
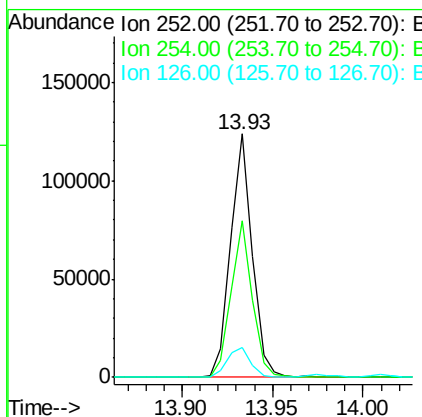
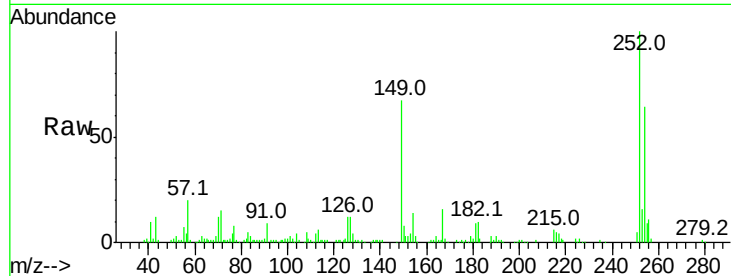
#81
 3,3'-Dichlorobenzidine
 Concen: 26.880 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	103695		
254	64.3		50.4	75.6
126	12.5		11.3	16.9

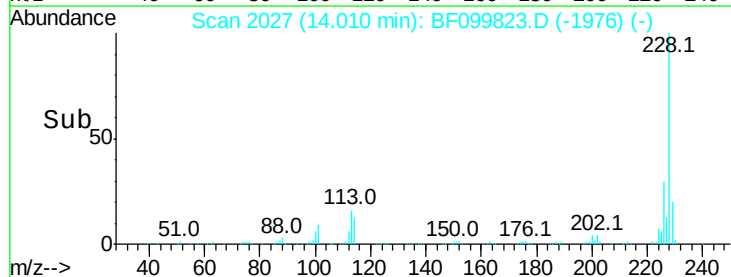
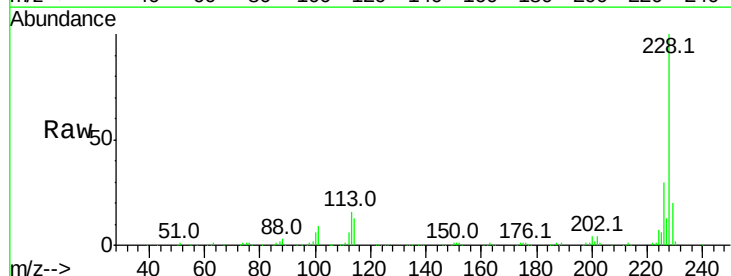
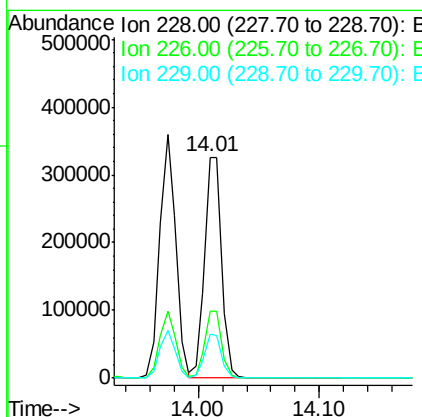
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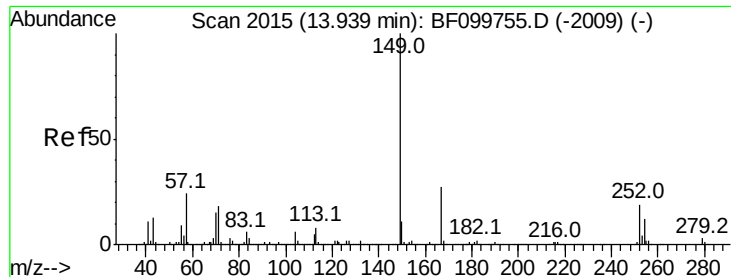
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#82
 Chrysene
 Concen: 32.183 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	321544		
226	30.2		25.0	37.6
229	19.8		16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.509 ng

RT: 13.94 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Instrument :

BNA_F

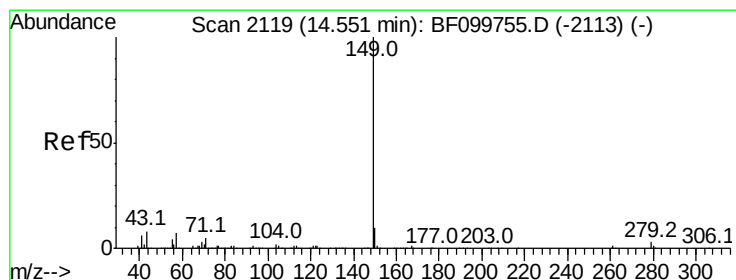
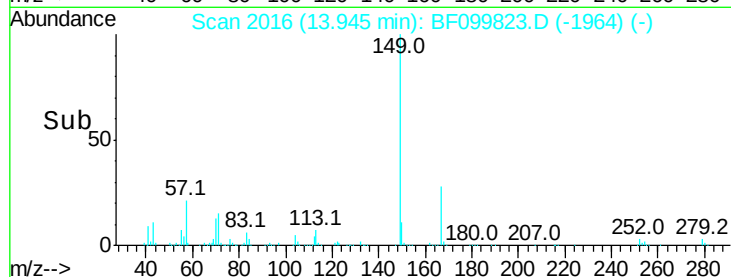
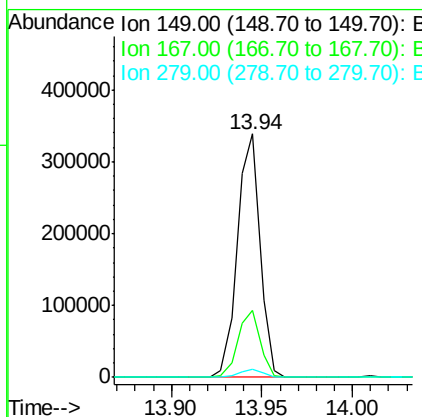
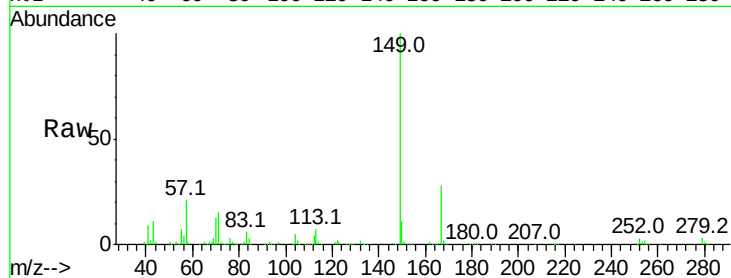
ClientSampleId :

PB103580BS

Tot Ion:	149	Resp:	295385
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.3	31.9
279	3.4	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 31.569 ng

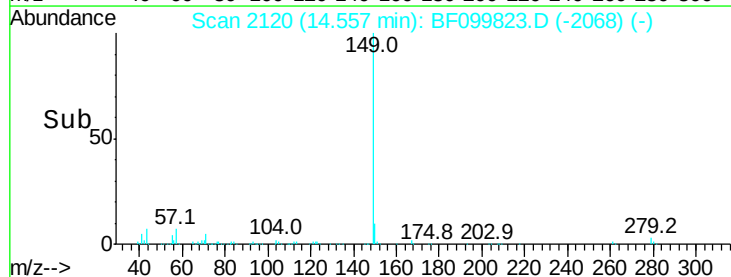
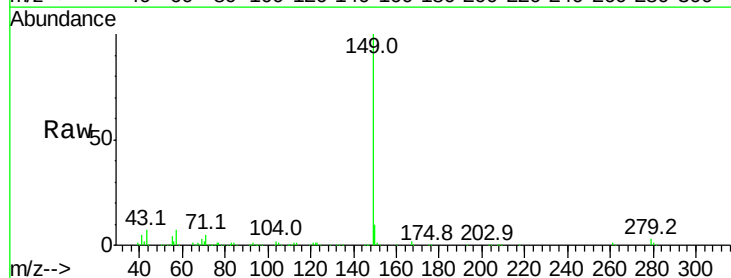
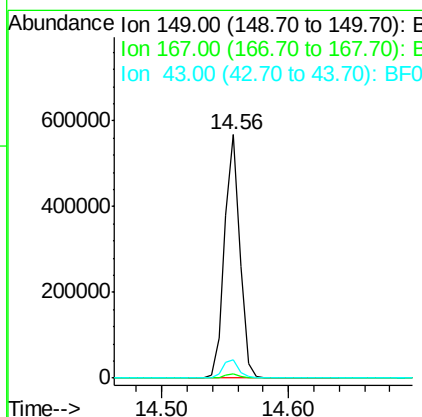
RT: 14.56 min Scan# 2120

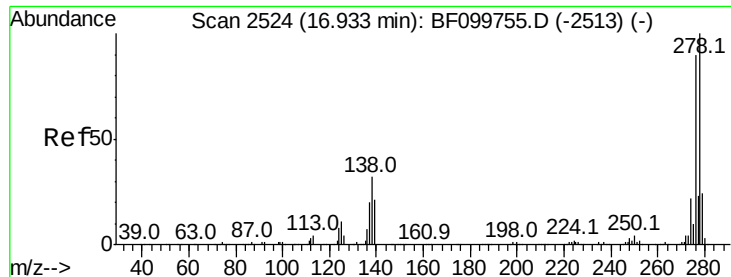
Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion:	149	Resp:	477634
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	7.6	8.4	12.6#





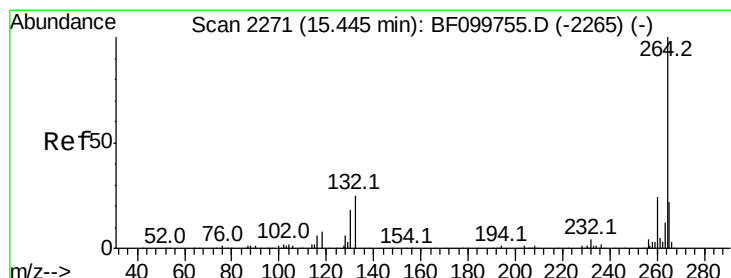
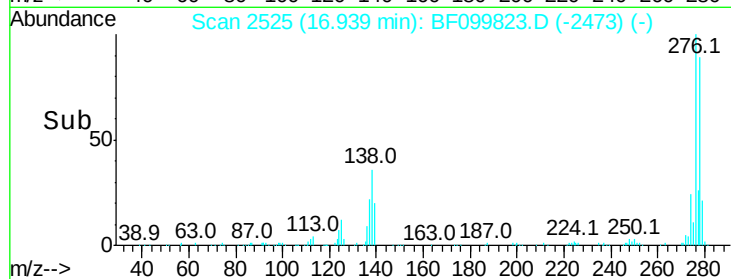
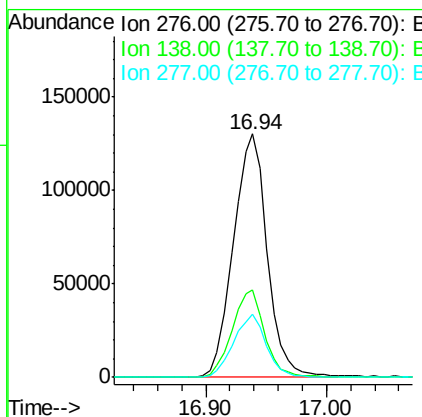
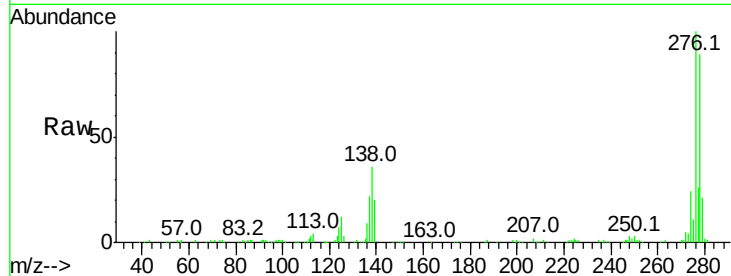
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.703 ng
 RT: 16.94 min Scan# 2525
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	25.0	37.6
277	25.3	20.1	30.1

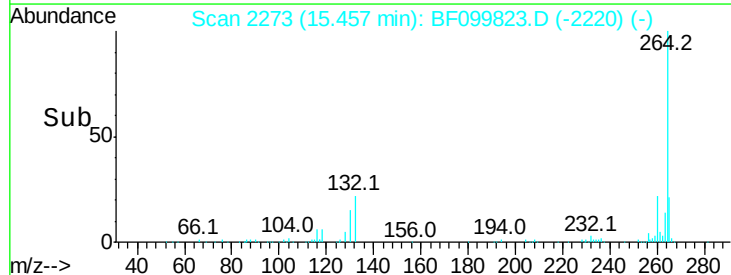
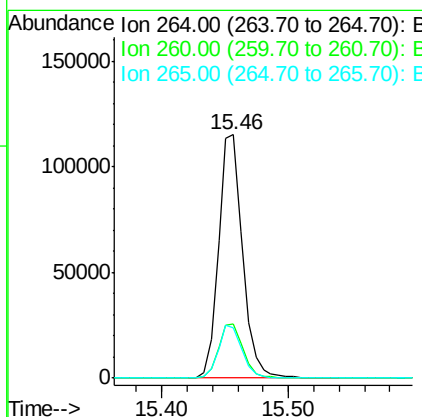
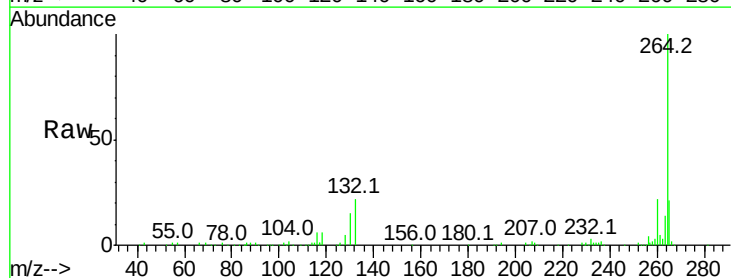
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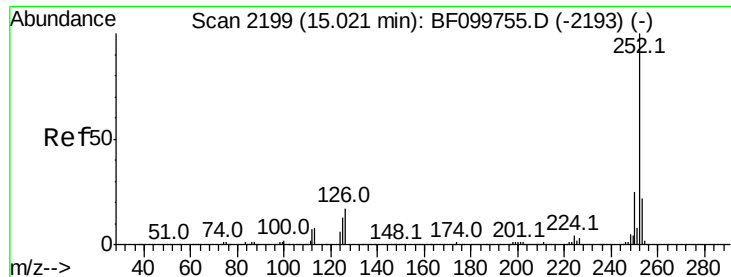
Sohil
 10/27/2017 8:59:01 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	20.8	17.5	26.3





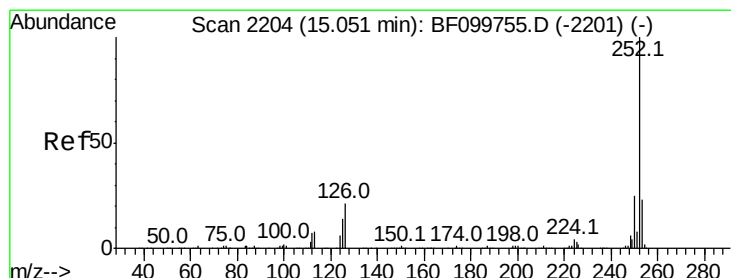
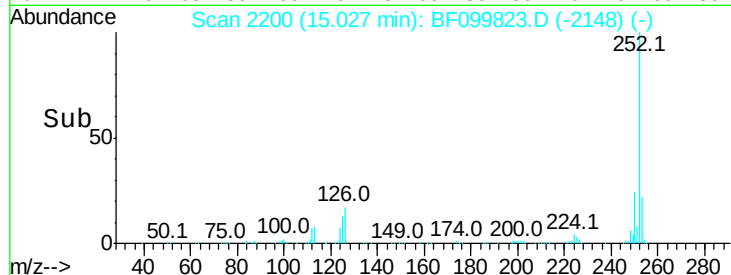
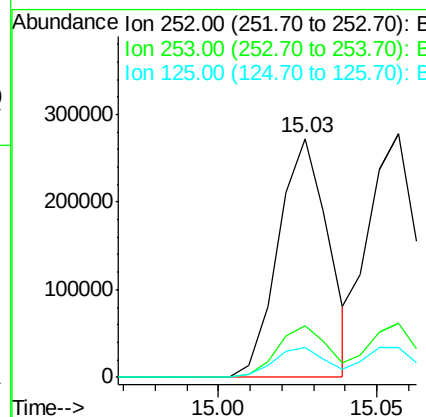
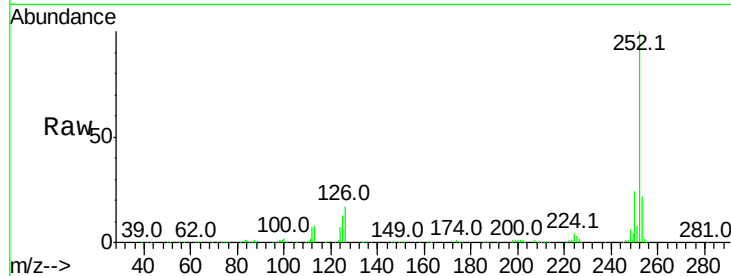
#87
Benzo(b)fluoranthene
Concen: 31.227 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Instrument :
BNA_F
ClientSampleId :
PB103580BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	12.6	9.0	13.6

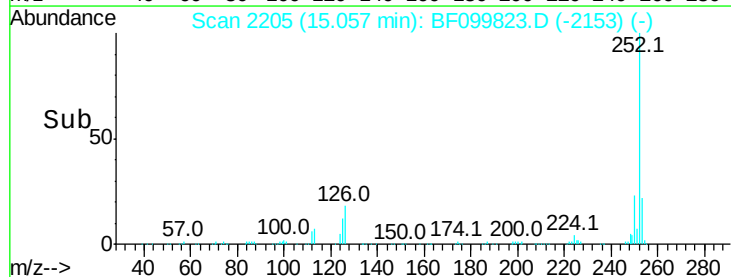
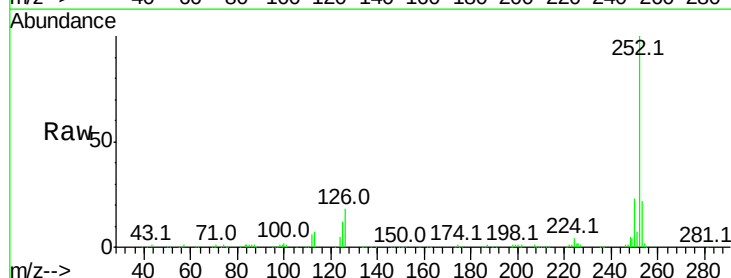
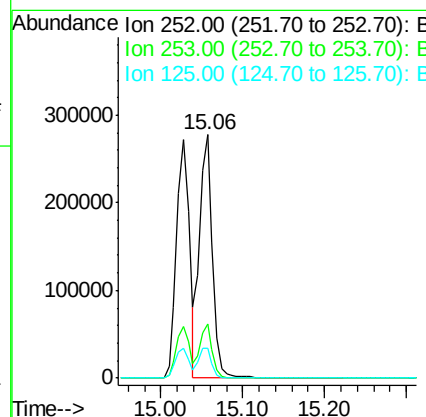
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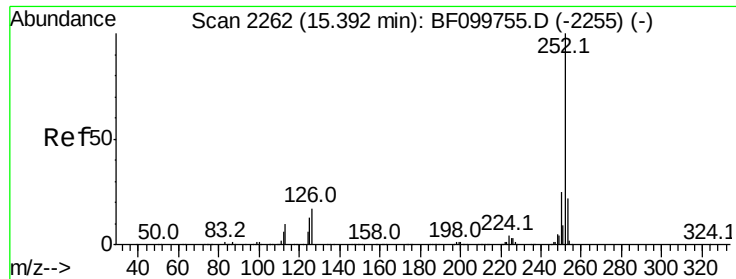
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#88
Benzo(k)fluoranthene
Concen: 33.908 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099823.D
Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	12.1	10.2	15.2





#89

Benzo(a)pyrene

Concen: 33.564 ng

RT: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

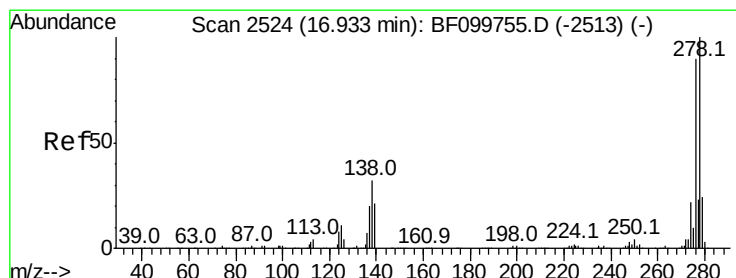
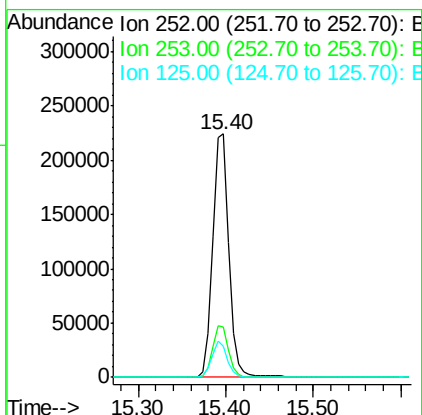
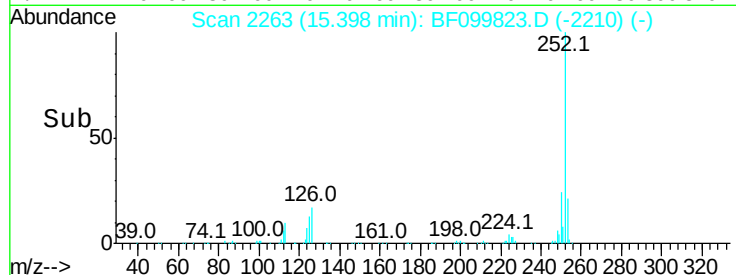
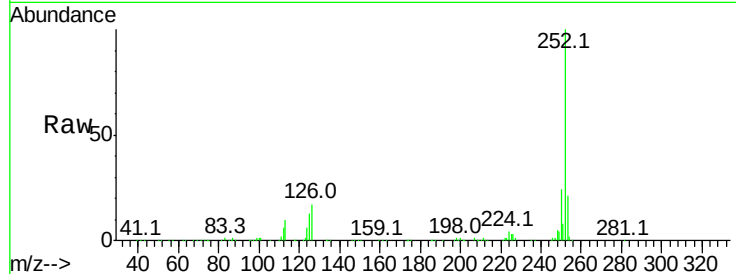
Instrument :
BNA_F

ClientSampleId :
PB103580BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.1	25.7
125	12.6	9.8	14.6

Manual Integrations
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#90

Dibenzo(a,h)anthracene

Concen: 28.744 ng

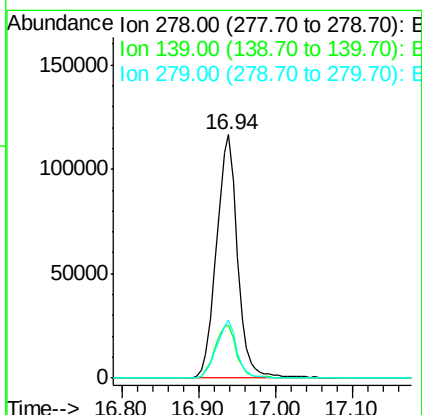
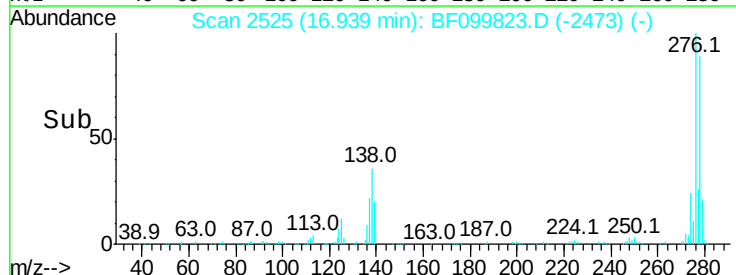
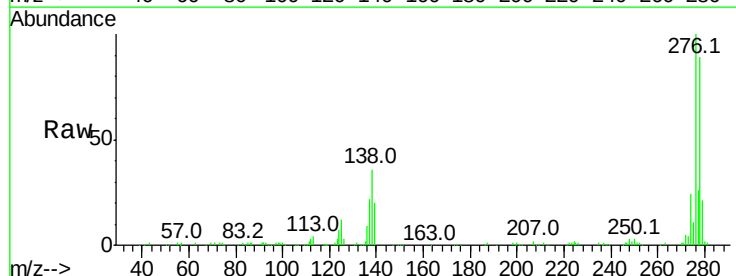
RT: 16.94 min Scan# 2525

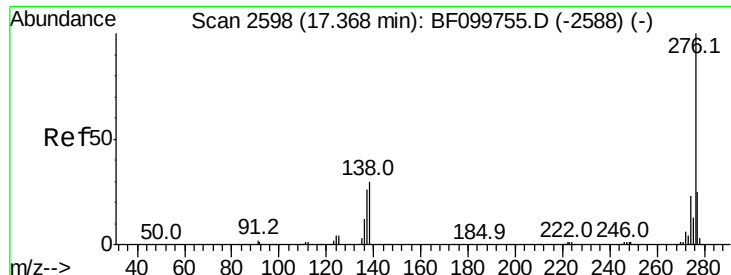
Delta R.T. 0.01 min

Lab File: BF099823.D

Acq: 25 Oct 2017 19:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	15.9	23.9
279	23.9	19.0	28.4





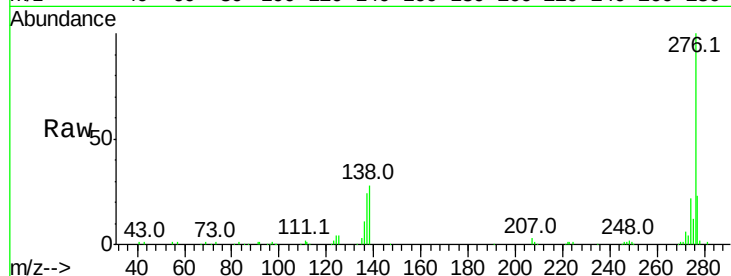
#91
 Benzo(a,h,i)perylene
 Concen: 27.234 ng
 RT: 17.39 min Scan# 2601
 Delta R.T. 0.01 min
 Lab File: BF099823.D
 Acq: 25 Oct 2017 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB103580BS

Tot Ion:	276	Resp:	203982
Ion Ratio	Lower	Upper	
276	100		
277	22.5	17.9	26.9
138	27.8	21.8	32.8

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

