

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101832.D
 Acq On : 29 Dec 2017 16:39
 Operator : SJ/JU
 Sample : I7023-06MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-4MS

Manual Integrations
 APPROVED

Sohil
 1/2/2018 1:05:05 PM

Quant Time: Dec 30 03:15:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	102558	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	318509	20.00	ng	0.01
38) Acenaphthene-d10	9.85	164	140822	20.00	ng	0.02
63) Phenanthrene-d10	11.33	188	226919	20.00	ng	0.02
75) Chrysene-d12	13.97	240	251659	20.00	ng	0.00
86) Perylene-d12	15.44	264	296352	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1111332	161.41	ng	0.01
7) Phenol-d6	6.45	99	1172142	136.79	ng	0.01
23) Nitrobenzene-d5	7.36	82	691156	120.79	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	172752	127.31	ng	0.02
44) 2-Fluorobiphenyl	9.16	172	854606	94.14	ng	0.02
78) Terphenyl-d14	12.90	244	849643	81.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	145559	41.144	ng	97
3) Pyridine	3.32	79	339994	34.590	ng	96
4) n-Nitrosodimethylamine	3.26	42	183185	40.477	ng	100
6) Aniline	6.46	93	330966	27.794	ng	# 64
8) 2-Chlorophenol	6.58	128	335122	46.271	ng	98
9) Benzaldehyde	6.35	77	182279	28.804	ng	96
10) Phenol	6.46	94	466722	47.789	ng	74
11) bis(2-Chloroethyl)ether	6.53	93	338243	44.153	ng	95
12) 1,3-Dichlorobenzene	6.73	146	350718	42.906	ng	99
13) 1,4-Dichlorobenzene	6.80	146	359731	43.095	ng	99
14) 1,2-Dichlorobenzene	6.96	146	316075	42.067	ng	98
15) Benzyl Alcohol	6.95	79	242779	41.164	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	484341	41.311	ng	# 36
17) 2-Methylphenol	7.07	107	253797	38.095	ng	# 87
18) Hexachloroethane	7.29	117	121316	41.802	ng	95
19) n-Nitroso-di-n-propylamine	7.20	70	245054	43.548	ng	# 95
20) 3+4-Methylphenols	7.22	107	354305	50.186	ng	96
22) Acetophenone	7.21	105	428840	59.007	ng	# 95
24) Nitrobenzene	7.38	77	306135	48.343	ng	98
25) Isophorone	7.62	82	670193	58.388	ng	# 92
26) 2-Nitrophenol	7.70	139	151711	55.764	ng	# 60
27) 2,4-Dimethylphenol	7.74	122	203818	44.098	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	305394	41.885	ng	# 86
29) 2,4-Dichlorophenol	7.96	162	257885	56.476	ng	97
30) 1,2,4-Trichlorobenzene	8.02	180	194673	40.399	ng	97
31) Naphthalene	8.10	128	1420530	88.590	ng	97
32) Benzoic acid	7.87	122	46572	20.435	ng	# 1
33) 4-Chloroaniline	8.17	127	151822	21.784	ng	# 91
34) Hexachlorobutadiene	8.20	225	134306	48.189	ng	98
35) Caprolactam	8.53	113	57352	36.172	ng	# 1
36) 4-Chloro-3-methylphenol	8.66	107	192837	38.423	ng	92
37) 2-Methylnaphthalene	8.81	142	1946705	186.340	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	171502	36.071	ng	98
40) Hexachlorocyclopentadiene	8.94	237	780	12.444	ng	83

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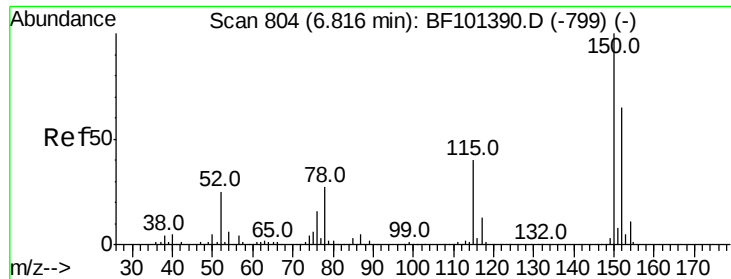
Manual Integrations
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 1/2/2018 1:05:05 PM

Quant Time: Dec 30 03:15:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	79337	27.717	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	98628	31.469	nq #	55
45) 1,1'-Biphenyl	9.26	154	715550	57.295	nq	98
46) 2-Chloronaphthalene	9.29	162	310426	32.485	nq	98
47) 2-Nitroaniline	9.40	65	122572	37.131	nq	91
48) Acenaphthylene	9.71	152	487499	32.299	nq #	90
49) Dimethylphthalate	9.56	163	300268	26.509	nq #	99
50) 2,6-Dinitrotoluene	9.64	165	68767	29.870	nq #	75
51) Acenaphthene	9.88	154	335104	36.955	nq #	86
52) 3-Nitroaniline	9.81	138	72709	25.332	nq #	93
53) 2,4-Dinitrophenol	9.97	184	7778	18.769	nq #	60
54) Dibenzofuran	10.05	168	420875	36.522	nq #	71
55) 4-Nitrophenol	10.00	139	63858	51.023	nq #	49
56) 2,4-Dinitrotoluene	10.07	165	149525	57.647	nq #	94
57) Fluorene	10.40	166	486084	49.862	nq #	92
58) 2,3,4,6-Tetrachlorophenol	10.19	232	73512	32.647	nq #	95
59) Diethylphthalate	10.26	149	348948	31.108	nq	94
60) 4-Chlorophenyl-phenylether	10.38	204	158811	33.991	nq	98
61) 4-Nitroaniline	10.43	138	87067	30.179	nq	100
62) Azobenzene	10.54	77	352223	30.312	nq #	79
64) 4,6-Dinitro-2-methylphenol	10.49	198	14347	12.390	nq #	1
65) n-Nitrosodiphenylamine	10.50	169	466965m	55.731	nq	
66) 4-Bromophenyl-phenylether	10.86	248	102947	40.376	nq	97
67) Hexachlorobenzene	10.96	284	99104	36.725	nq	92
68) Atrazine	11.02	200	116094	46.468	nq	92
69) Pentachlorophenol	11.16	266	56805	56.251	nq	96
70) Phenanthrene	11.36	178	884250	70.071	nq	98
71) Anthracene	11.41	178	535930m	41.576	nq	
72) Carbazole	11.57	167	444242	36.810	nq	96
73) Di-n-butylphthalate	11.87	149	590318	40.300	nq	100
74) Fluoranthene	12.54	202	597553	45.113	nq	97
76) Benzidine	12.66	184	273740	25.754	nq	97
77) Pyrene	12.77	202	630903	33.404	nq	99
79) Butylbenzylphthalate	13.36	149	292690	34.249	nq #	94
80) Benzo(a)anthracene	13.96	228	616203	37.082	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	186139	34.353	nq	96
82) Chrysene	14.00	228	606710	38.669	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	386345	35.692	nq	99
84) Di-n-octyl phthalate	14.52	149	739480	38.307	nq	99
85) Indeno(1,2,3-cd)pyrene	16.93	276	615058	44.021	nq	97
87) Benzo(b)fluoranthene	15.01	252	623750	34.531	nq	99
88) Benzo(k)fluoranthene	15.04	252	641282	36.514	nq	97
89) Benzo(a)pyrene	15.38	252	617465	37.081	nq	99
90) Dibenzo(a,h)anthracene	16.92	278	533421	37.310	nq	95
91) Benzo(g,h,i)perylene	17.37	276	508682	35.931	nq	96

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



#1

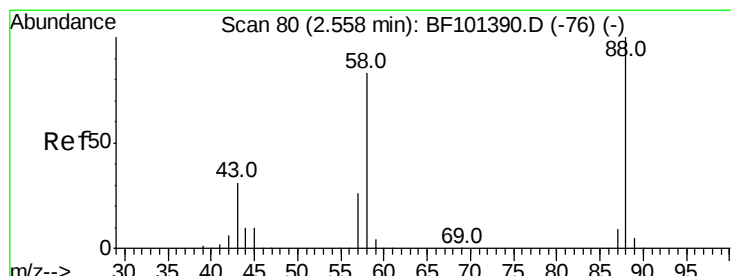
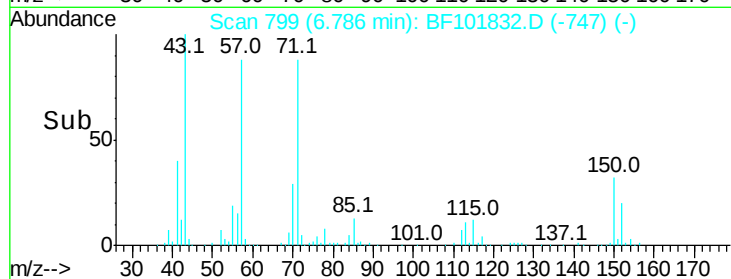
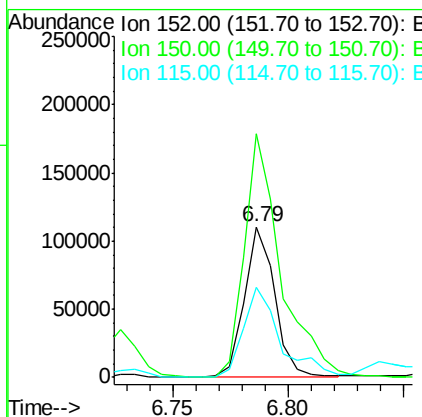
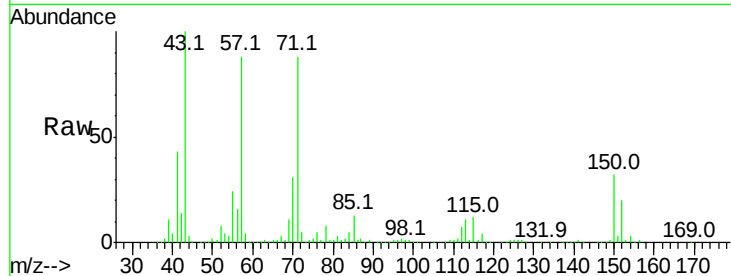
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampleId :
LB-4MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.6	186.8
115	60.1	50.1	75.1

Manual Integrations
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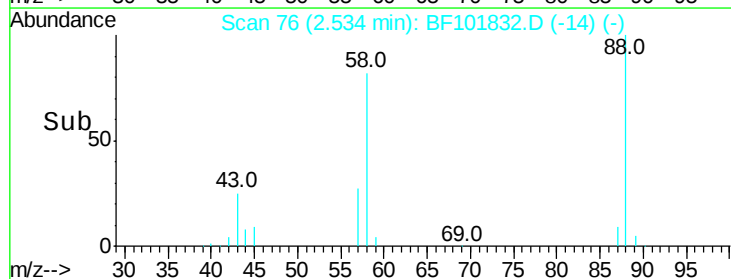
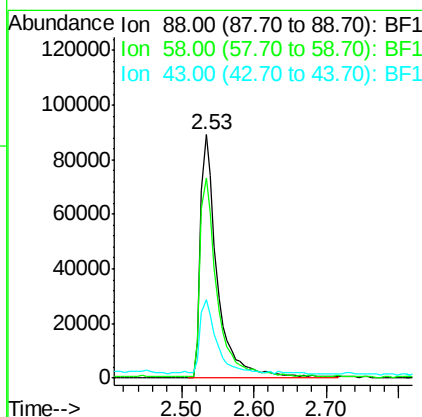
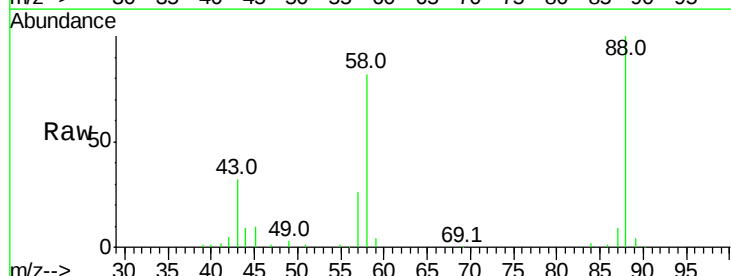
Sohil
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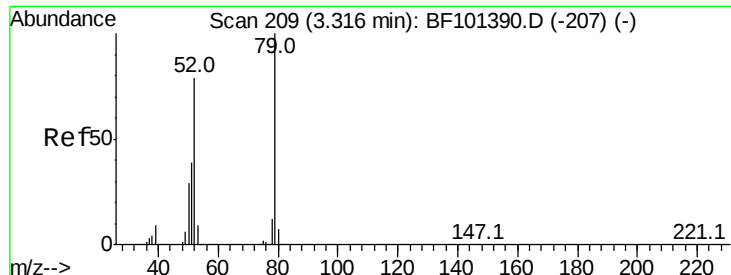


#2

1,4-Dioxane
Concen: 41.144 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.06 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.7	62.6	93.8
43	30.1	24.6	37.0





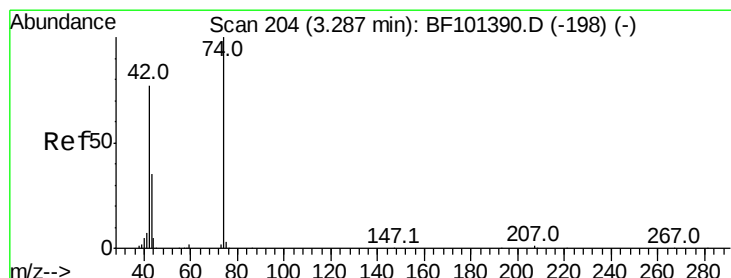
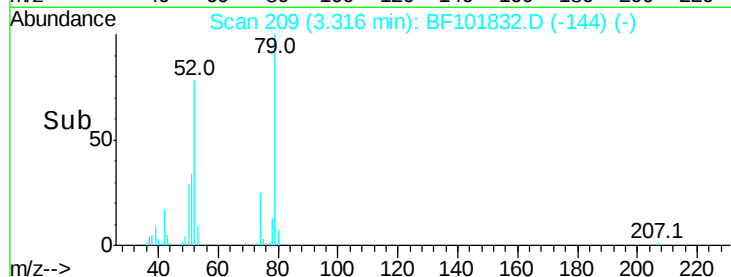
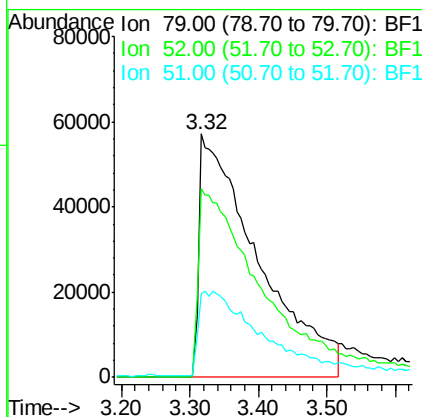
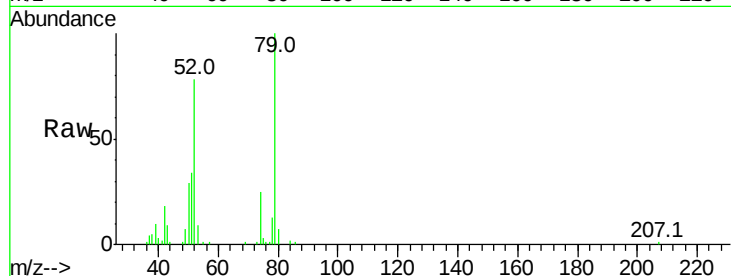
#3
 Pvridine
 Concen: 34.590 ng
 RT: 3.32 min Scan# 209
 Delta R.T. 0.08 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LB-4MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	77.6	59.8		89.6	
51	34.5	29.8		44.8	

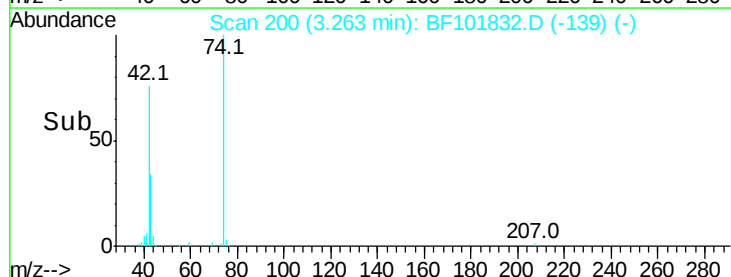
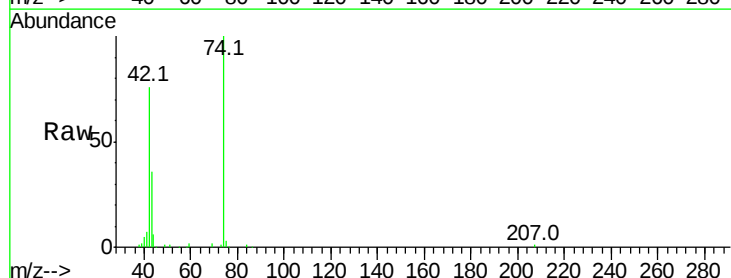
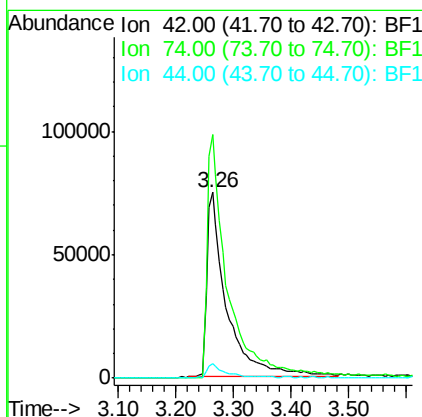
Manual Integrations
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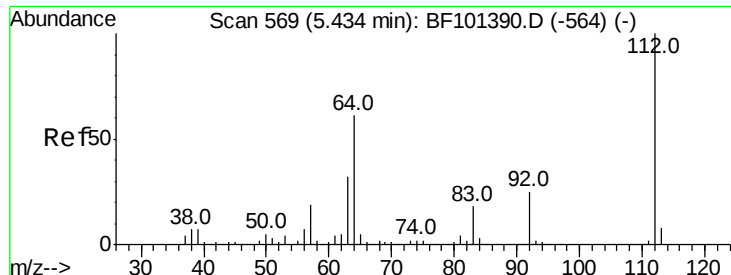
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#4
 n-Nitrosodimethylamine
 Concen: 40.477 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.06 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	131.2	104.9		157.3	
44	7.6	6.9		10.3	





#5

2-Fluorophenol

Concen: 161.413 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampled :

LB-4MS

Tot Ion:112 Resp: 1111332

Ion Ratio Lower Upper

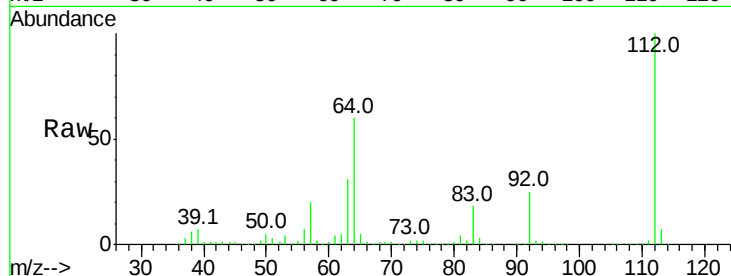
112 100

64 60.0 47.9 71.9

63 31.4 23.7 35.5

Manual Integrations
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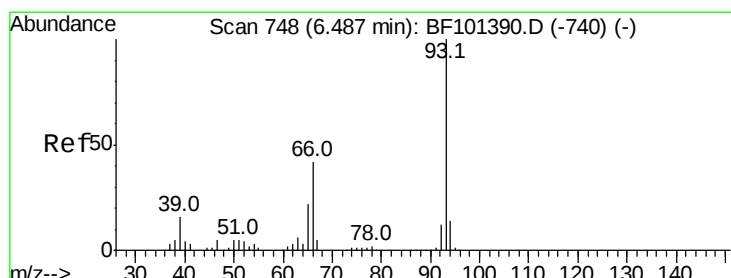
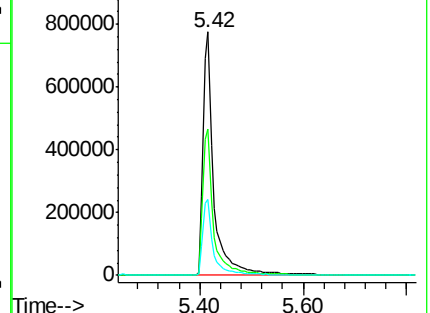
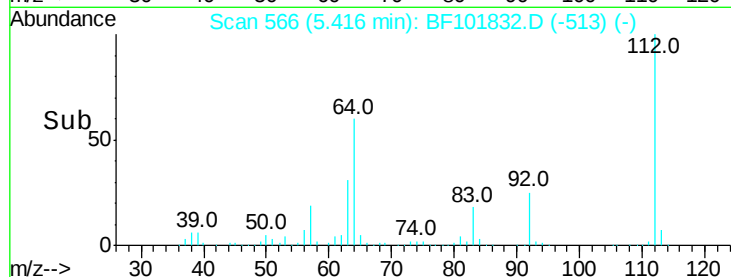
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.794 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

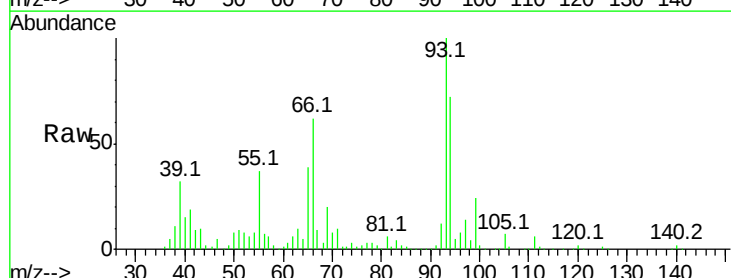
Tgt Ion: 93 Resp: 330966

Ion Ratio Lower Upper

93 100

66 61.7 32.2 48.2#

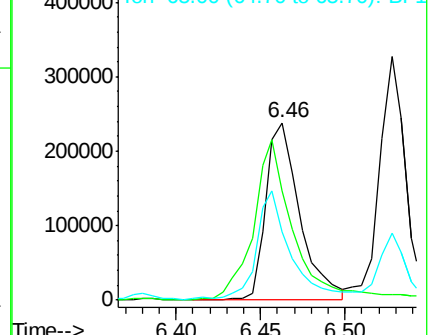
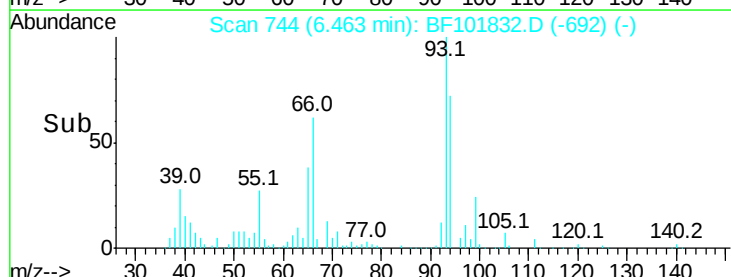
65 38.6 16.4 24.6#

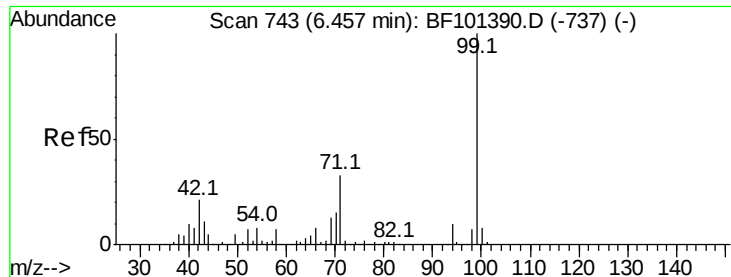


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 136.794 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

LB-4MS

Tot Ion: 99 Resp: 1172142

Ion Ratio Lower Upper

99 100

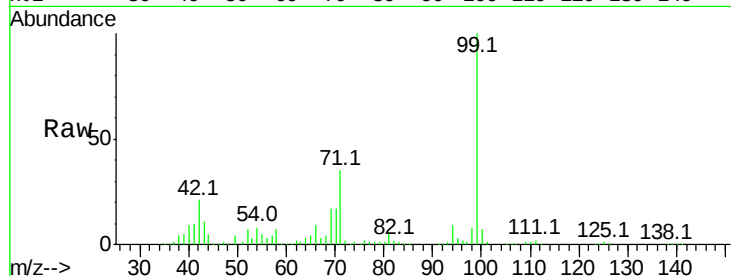
42 21.0 14.5 21.7

71 34.6 25.4 38.0

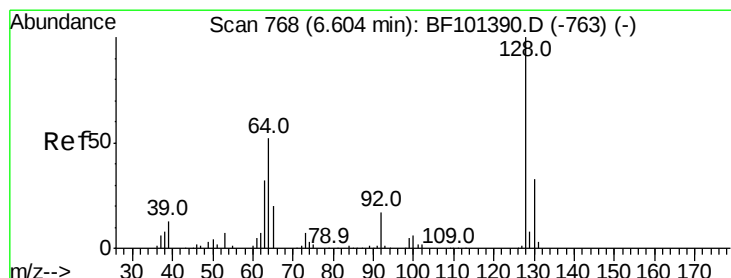
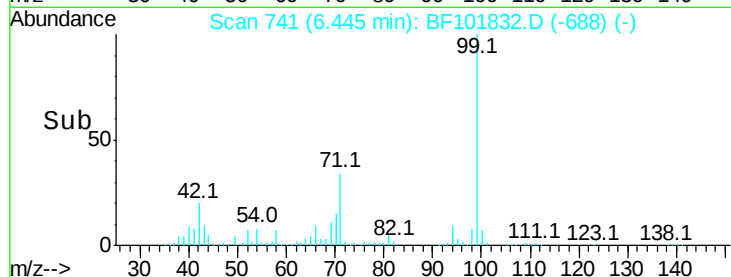
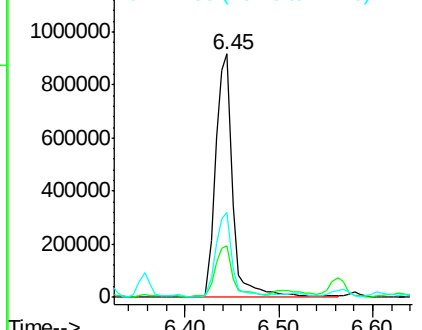
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.271 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

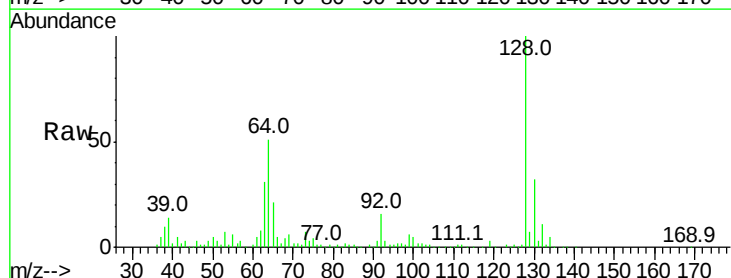
Tgt Ion: 128 Resp: 335122

Ion Ratio Lower Upper

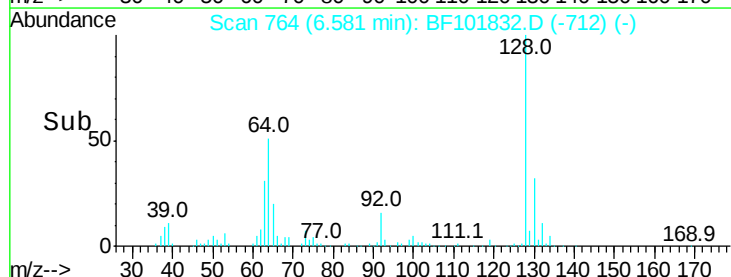
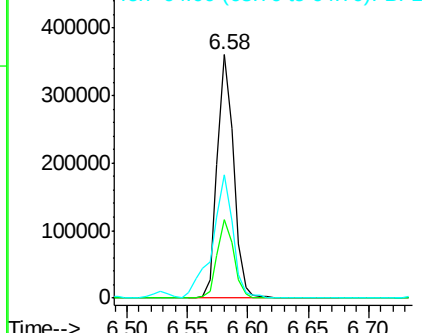
128 100

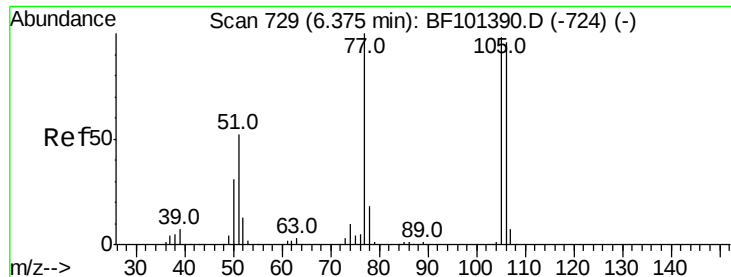
130 32.3 13.0 53.0

64 50.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.804 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

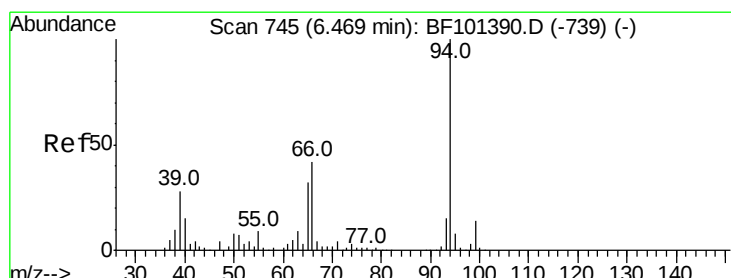
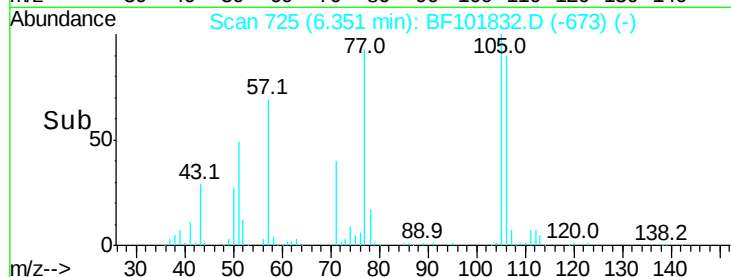
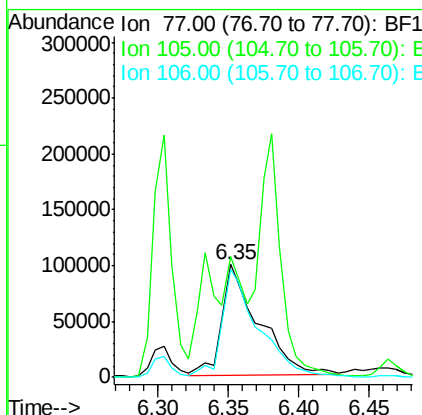
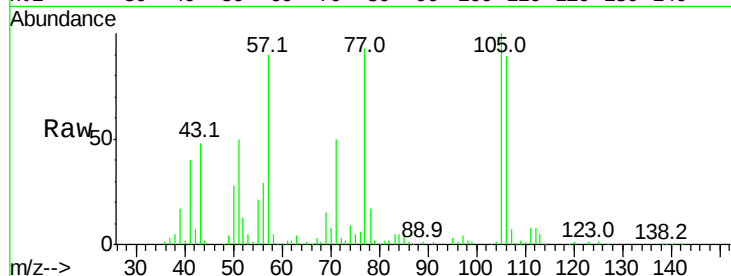
ClientSampled :

LB-4MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	107.1	81.1	121.1
106	95.4	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 47.789 ng

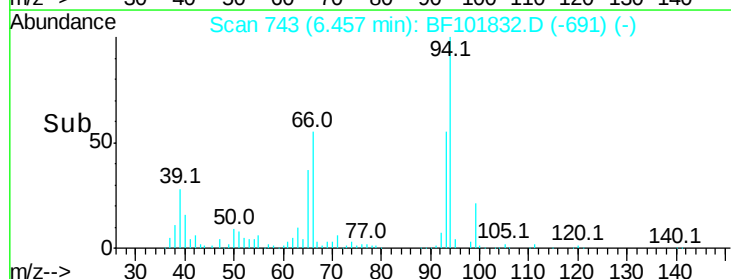
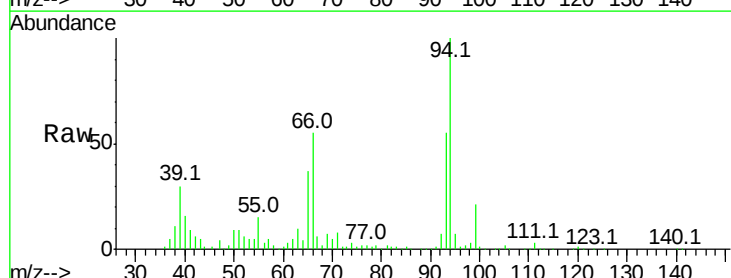
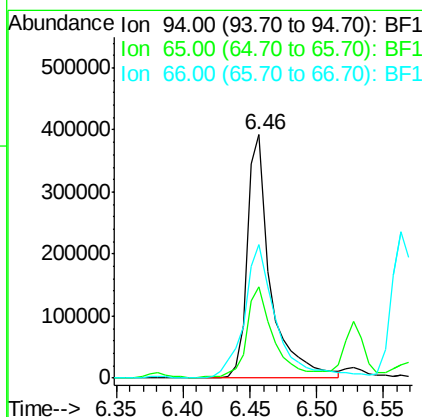
RT: 6.46 min Scan# 743

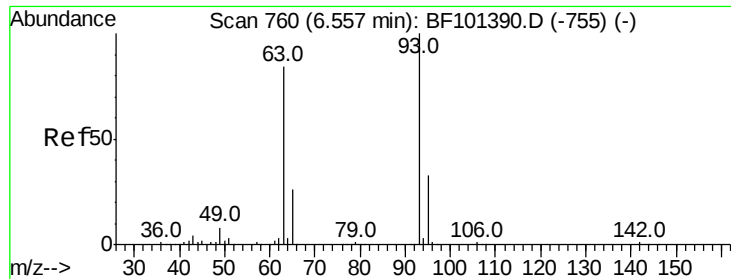
Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.5	7.9	47.9
66	55.0	16.2	56.2





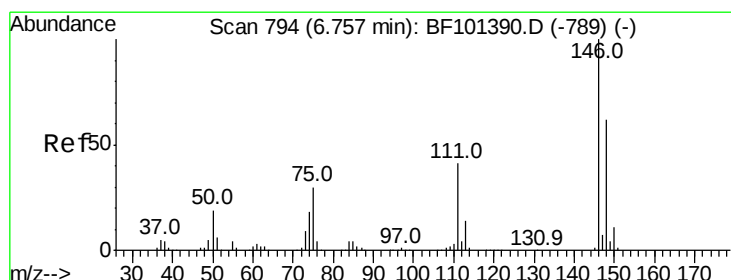
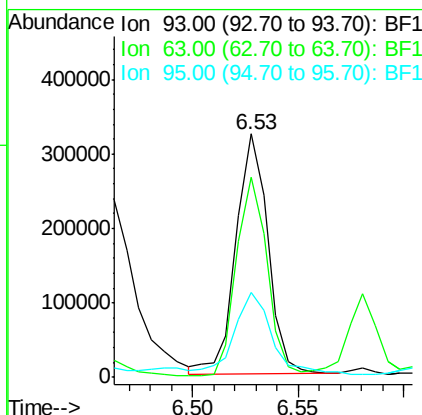
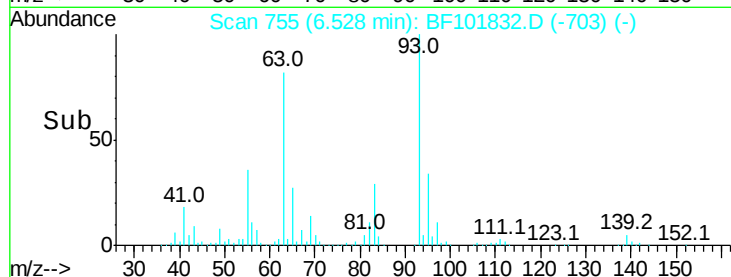
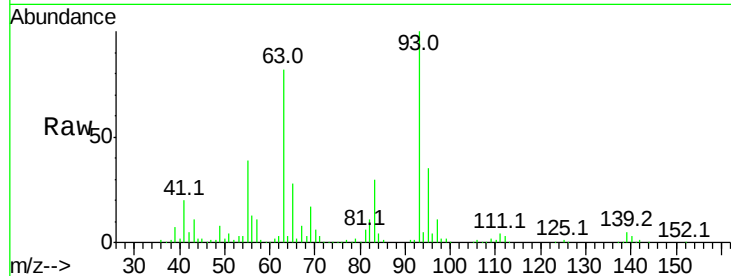
#11
bis(2-Chloroethyl)ether
Concen: 44.153 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampleId :
LB-4MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.4	58.6	98.6
95	34.9	11.8	51.8

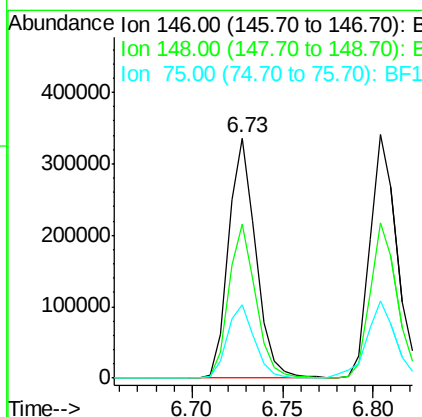
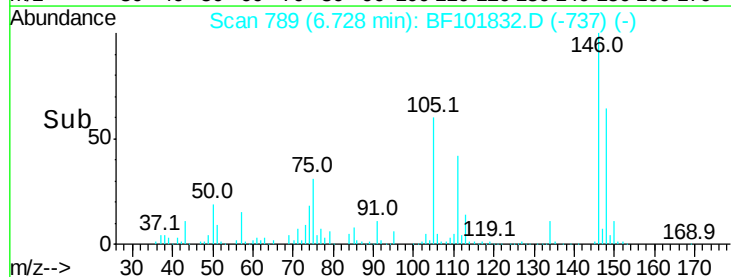
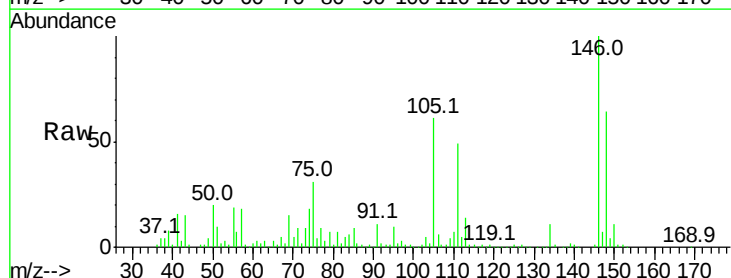
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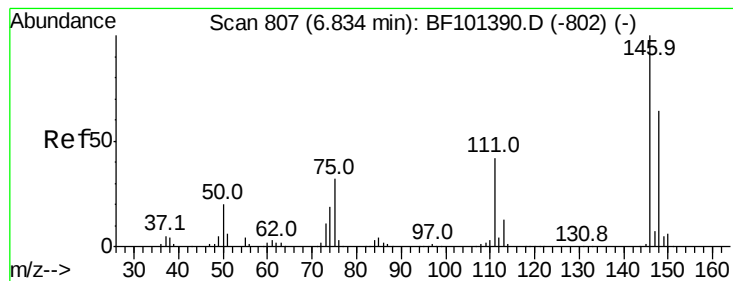
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.906 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	30.7	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 43.095 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampled :

LB-4MS

Tot Ion:146 Resp: 359731

Ion Ratio Lower Upper

146 100

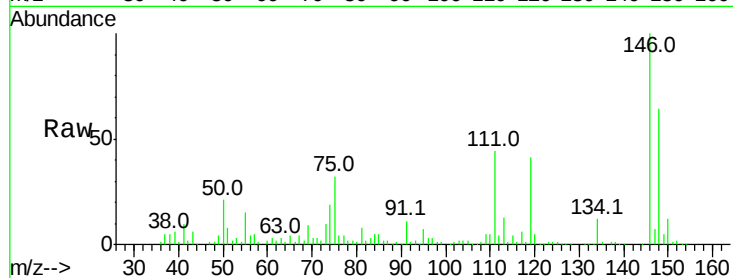
148 63.8 50.8 76.2

111 43.6 34.2 51.2

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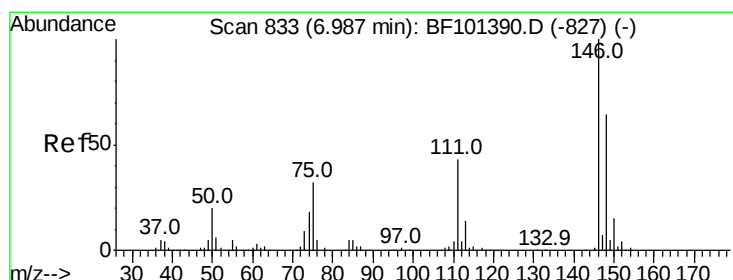
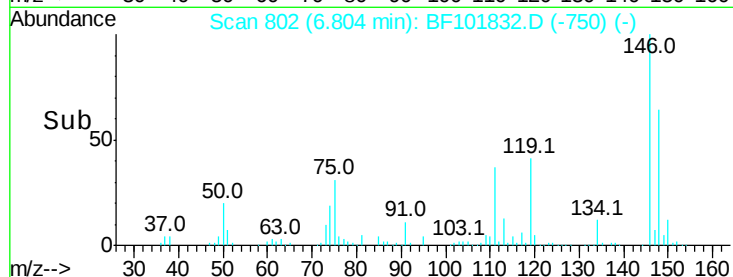
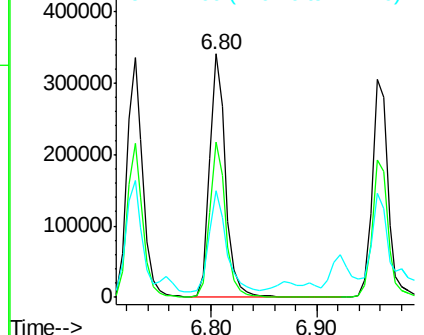
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Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.067 ng

RT: 6.96 min Scan# 828

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

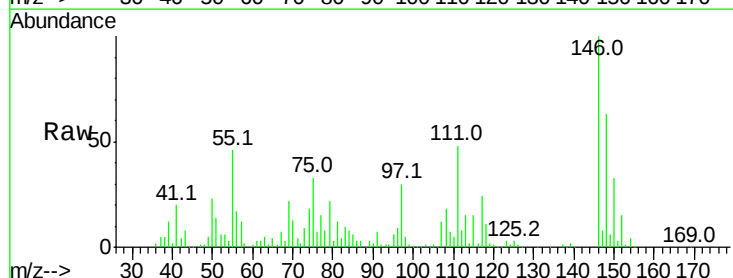
Tgt Ion:146 Resp: 316075

Ion Ratio Lower Upper

146 100

148 63.0 50.6 75.8

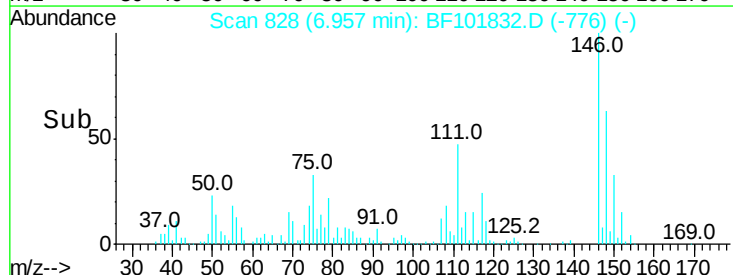
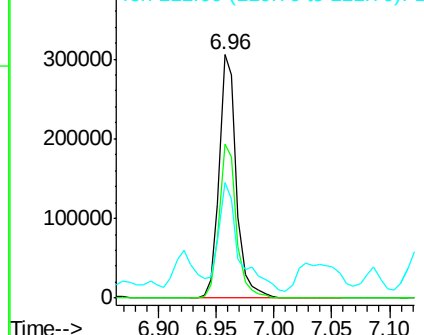
111 47.7 36.0 54.0

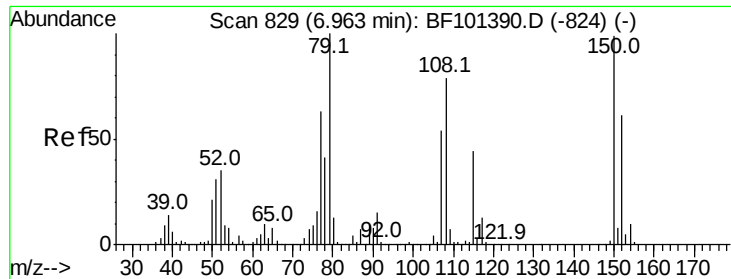


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





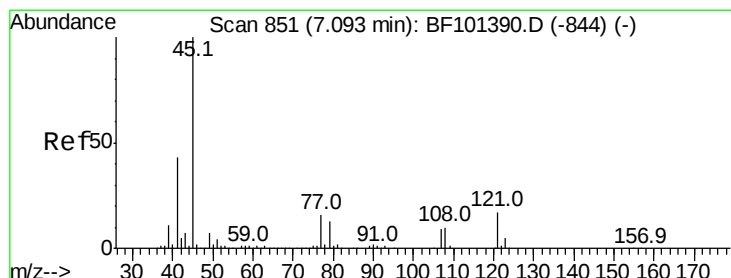
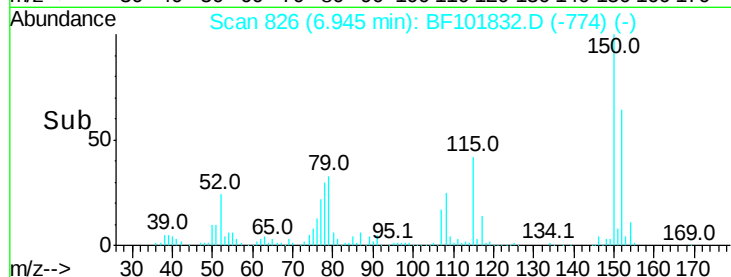
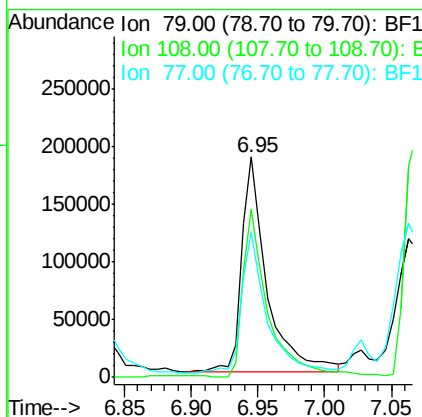
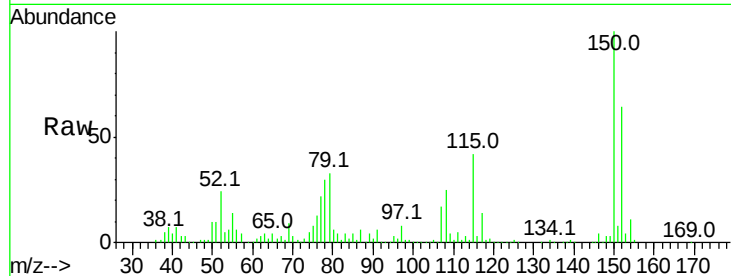
#15
Benzyl Alcohol
Concen: 41.164 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampled :
LB-4MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.2	65.1	97.7
77	65.9	50.6	75.8

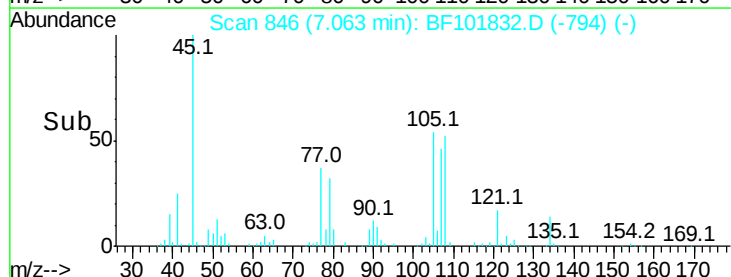
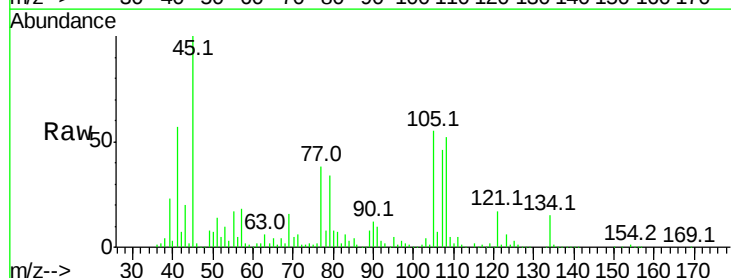
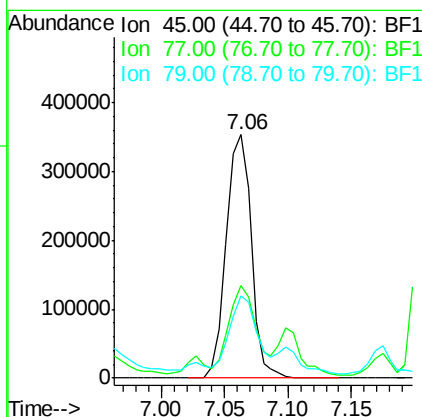
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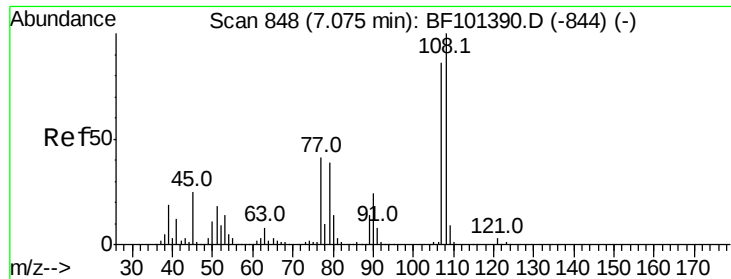
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.311 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	37.8	0.0	32.9#
79	34.0	0.0	29.6#





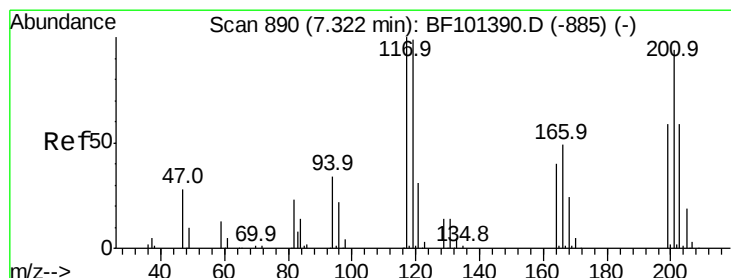
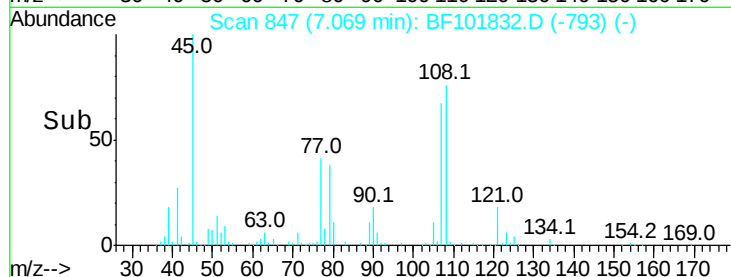
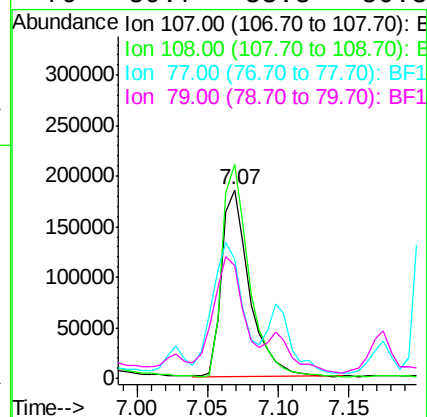
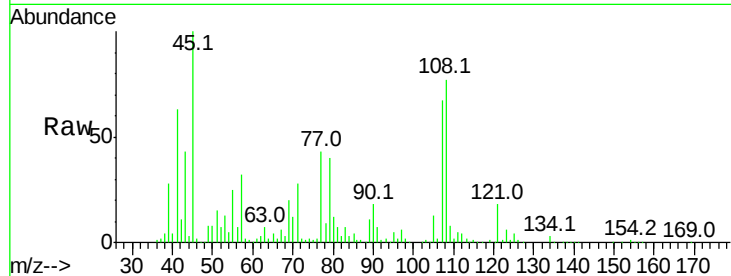
#17
2-Methylphenol
Concen: 38.095 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.02 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampleId :
LB-4MS

Tot Ion:	107	Resp:	253797
Ion Ratio	Lower	Upper	
107	100		
108	113.5	91.7	137.5
77	63.4	33.8	50.8#
79	59.7	33.8	50.8#

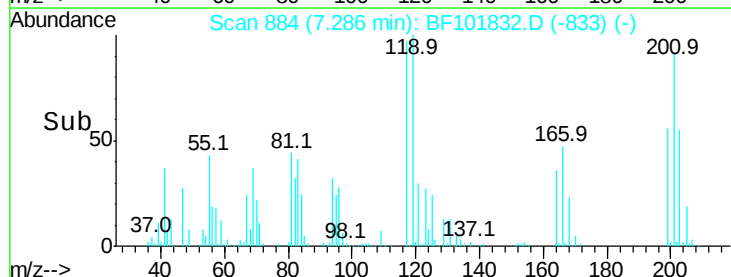
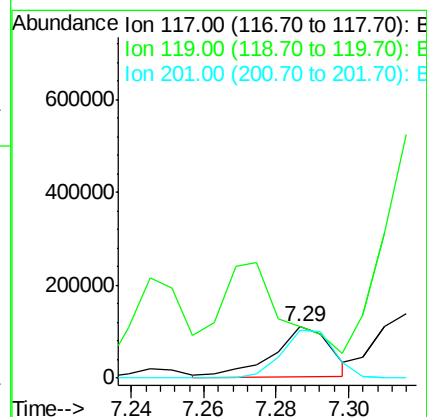
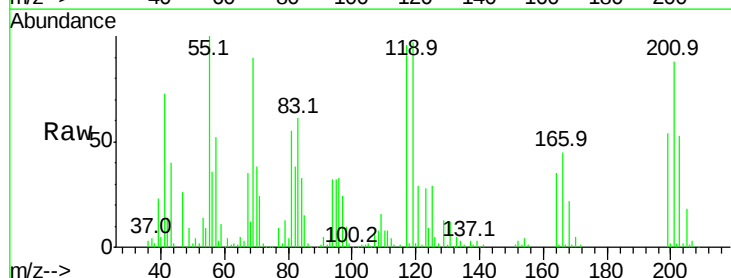
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#18
Hexachloroethane
Concen: 41.802 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion:	117	Resp:	121316
Ion Ratio	Lower	Upper	
117	100		
119	101.2	75.8	113.8
201	92.2	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 43.548 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

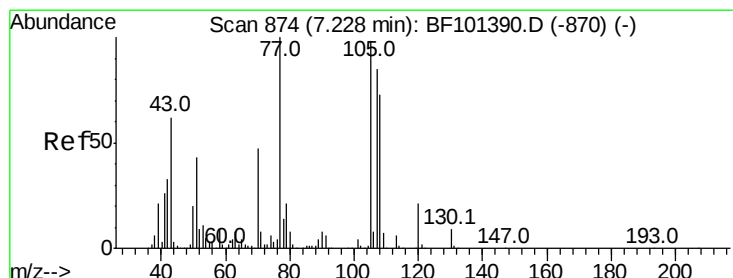
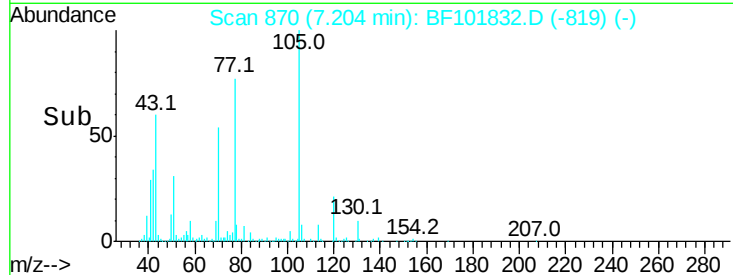
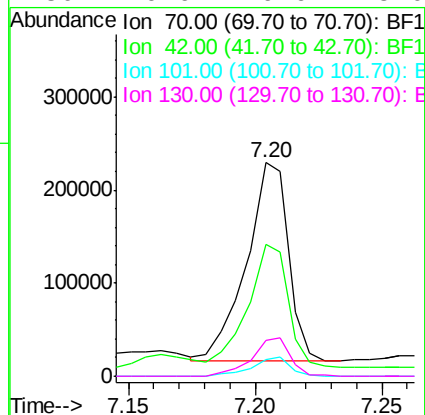
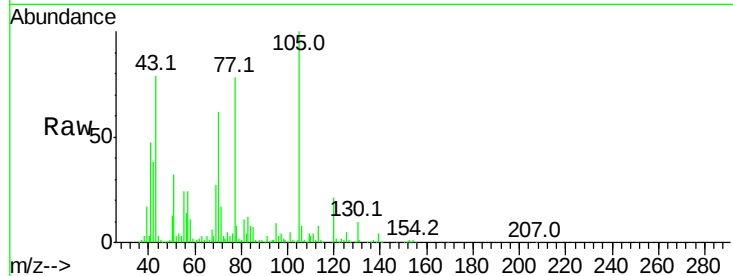
ClientSampled :

LB-4MS

Tot Ion	70	Resp	245054
Ion Ratio	Lower	Upper	
70	100		
42	62.0	47.5	71.3
101	7.6	7.4	11.2
130	16.6	16.6	25.0#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 50.186 ng

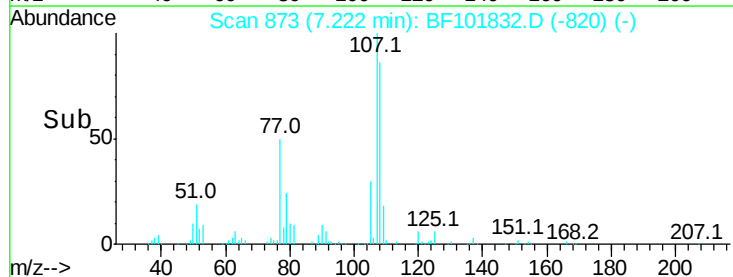
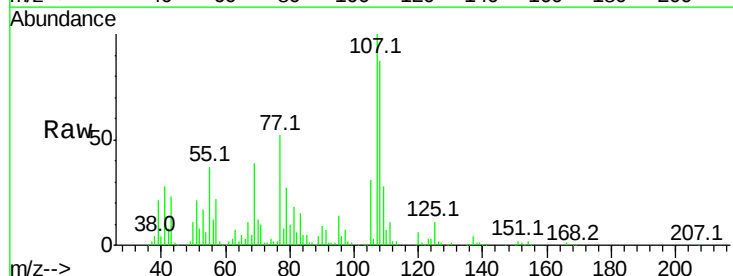
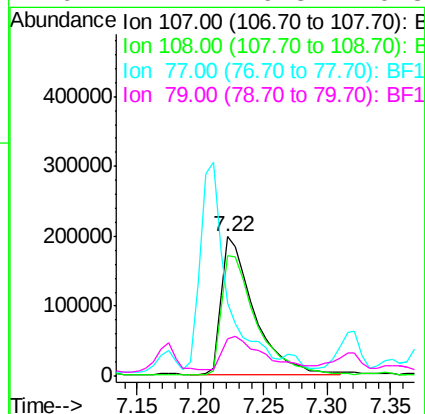
RT: 7.22 min Scan# 873

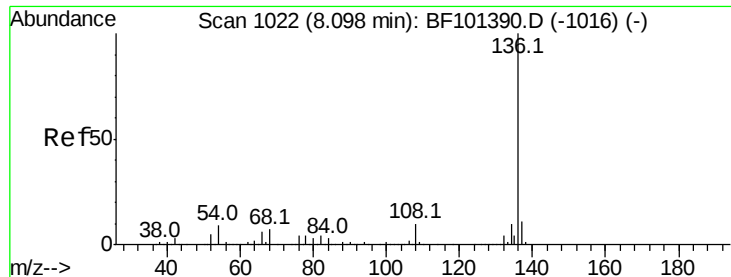
Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion	107	Resp	354305
Ion Ratio	Lower	Upper	
107	100		
108	86.6	68.2	108.2
77	52.3	26.7	66.7
79	27.1	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampled :

LB-4MS

Tot Ion:136 Resp: 318509

Ion Ratio Lower Upper

136 100

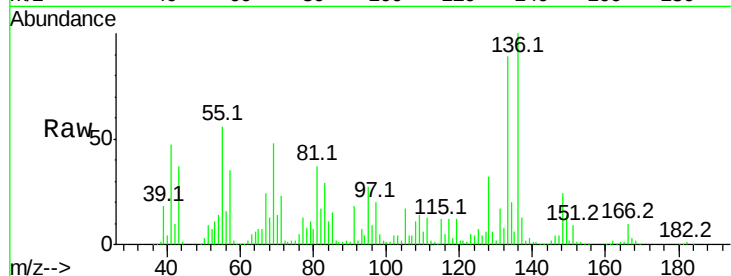
137 13.4 8.9 13.3#

54 13.7 6.6 9.8#

68 13.0 5.0 7.4#

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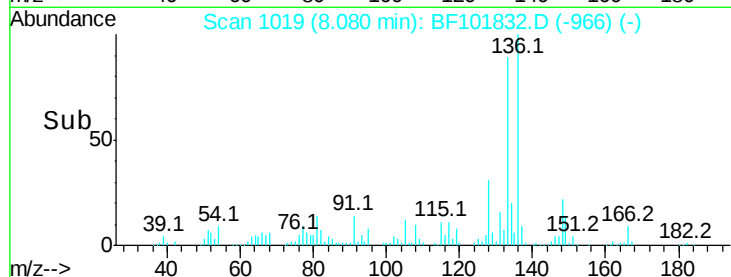
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

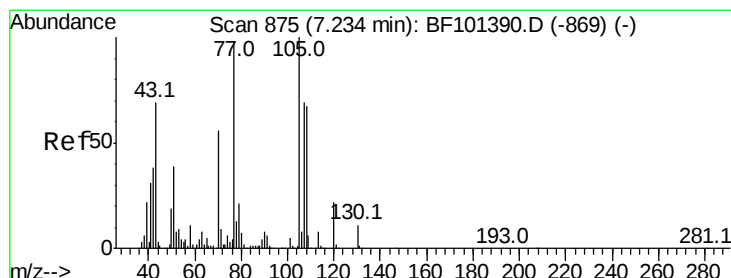
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

Time-->



Time-->



#22

Acetophenone

Concen: 59.007 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:105 Resp: 428840

Ion Ratio Lower Upper

105 100

71 15.2 4.4 6.6#

51 29.5 22.3 33.5

120 21.5 16.9 25.3

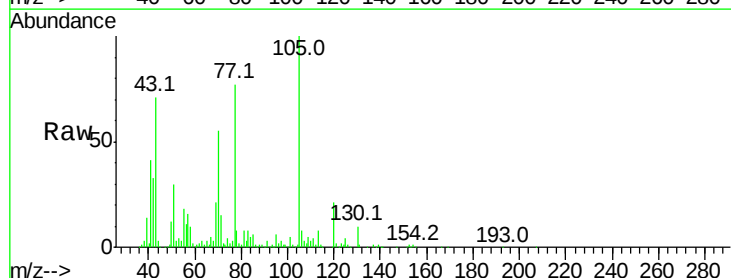
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

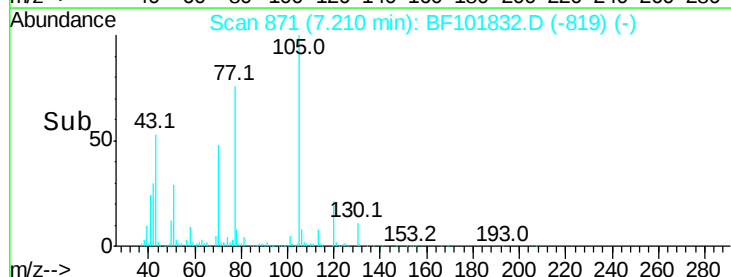
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

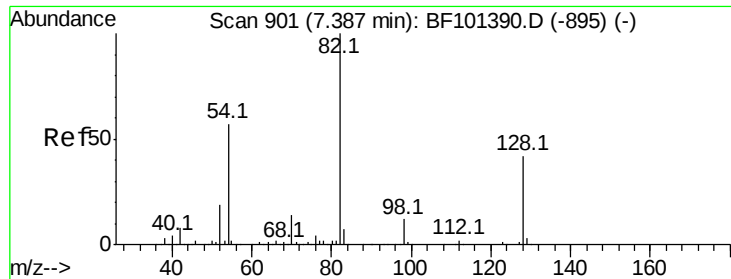
Time-->



Time-->



Time-->



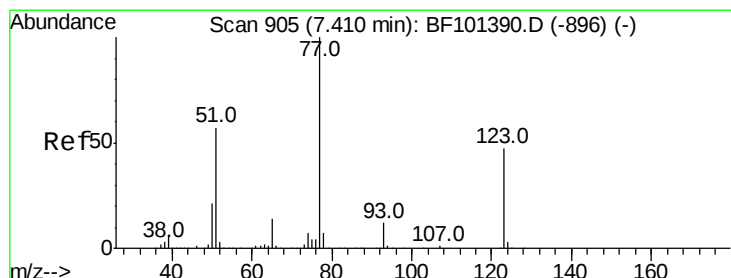
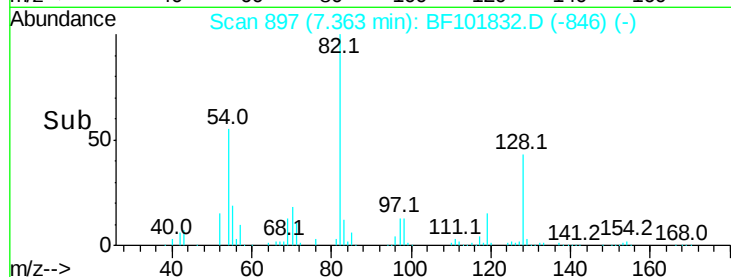
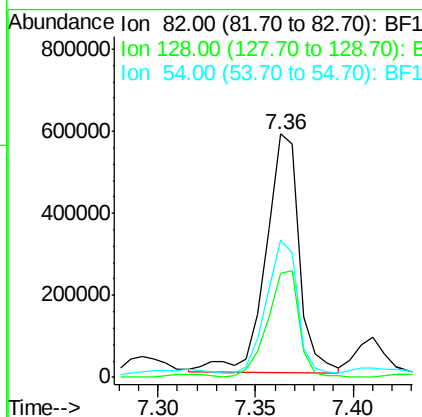
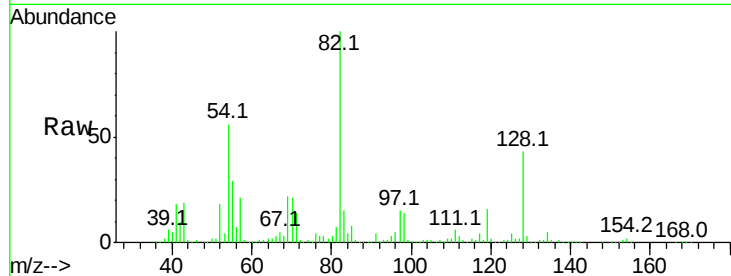
#23
Nitrobenzene-d5
Concen: 120.793 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampled :
LB-4MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	691156		
128	42.6	36.1	54.1	
54	56.4	41.4	62.2	

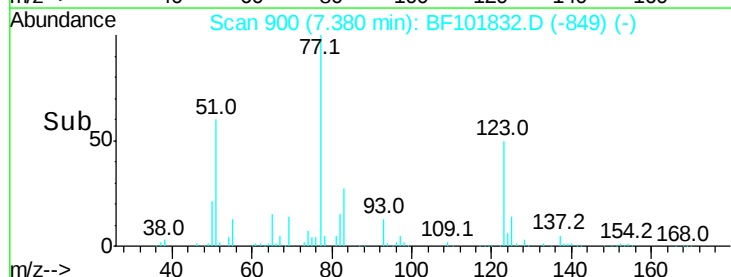
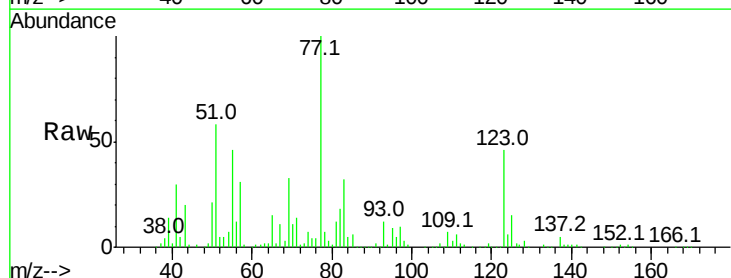
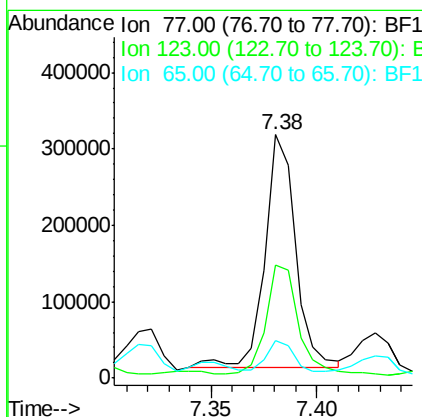
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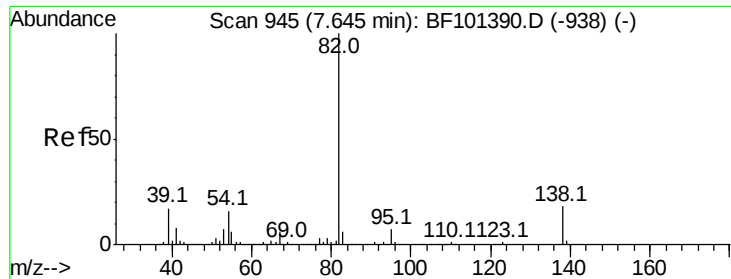
Sohil
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#24
Nitrobenzene
Concen: 48.343 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.00 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	306135		
123	46.4	37.9	56.9	
65	15.4	11.0	16.4	





#25

Isophorone

Concen: 58.388 ng

RT: 7.62 min Scan# 940

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

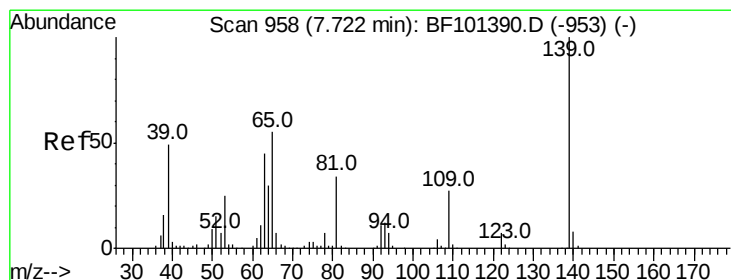
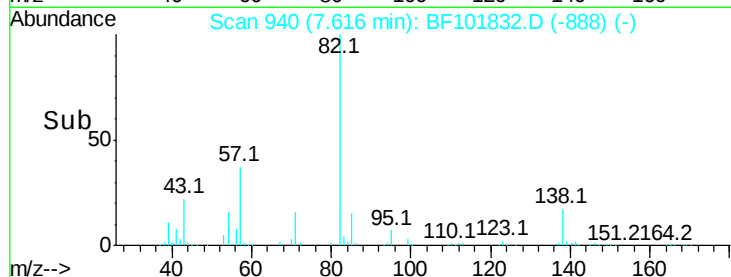
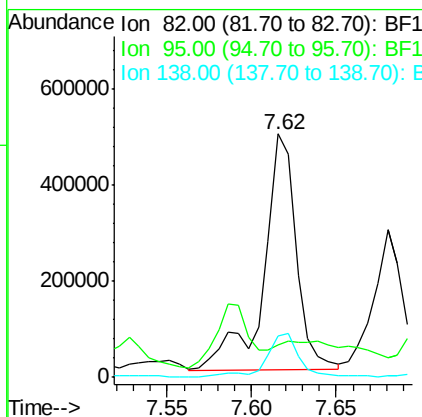
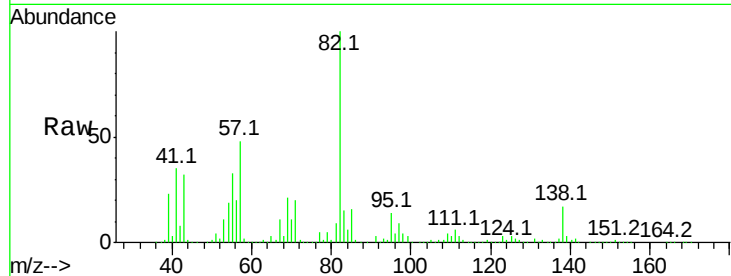
ClientSampleId :

LB-4MS

Tot Ion:	82	Resp:	670193
Ion Ratio	Lower	Upper	
82	100		
95	13.6	5.2	7.8#
138	17.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 55.764 ng

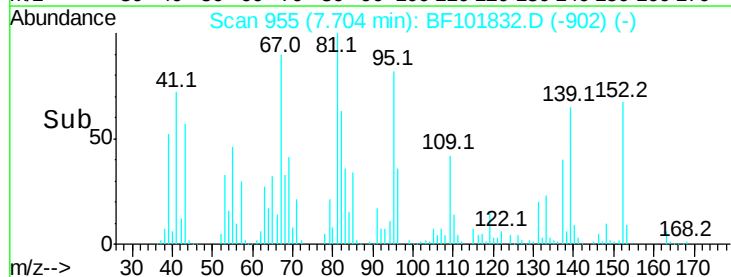
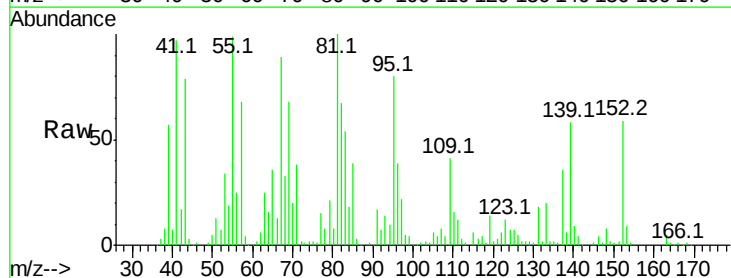
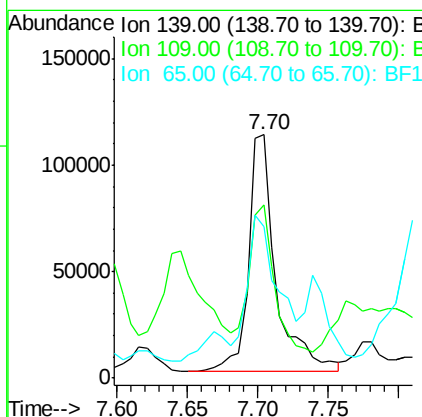
RT: 7.70 min Scan# 955

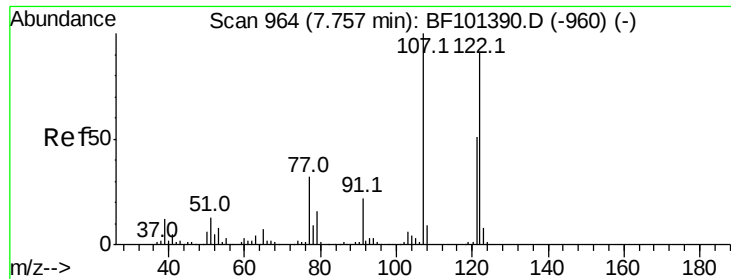
Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:	139	Resp:	151711
Ion Ratio	Lower	Upper	
139	100		
109	71.1	22.7	34.1#
65	62.2	40.5	60.7#





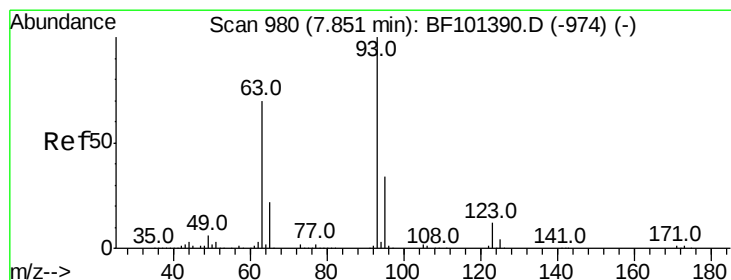
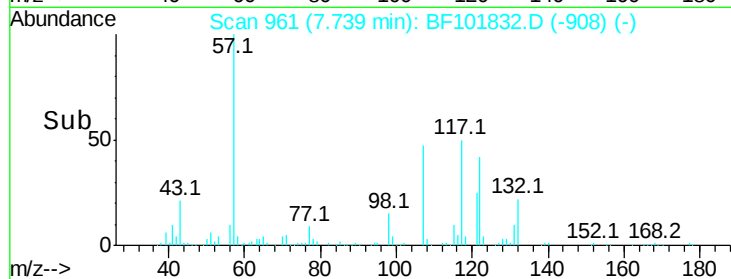
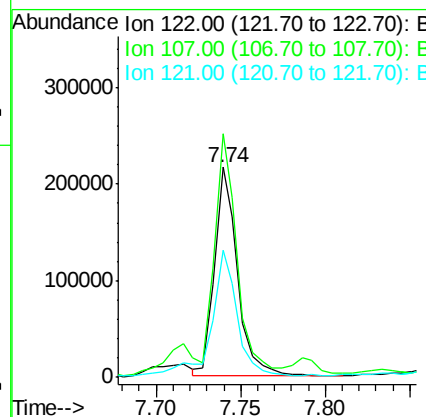
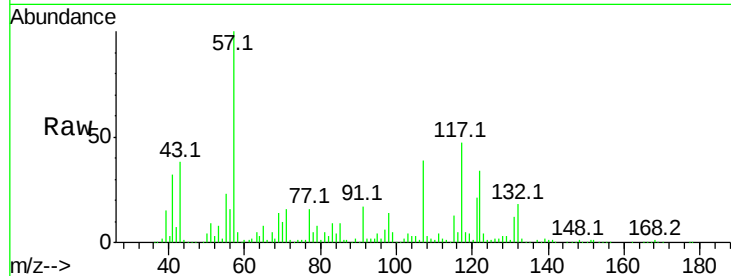
#27
2,4-Dimethylphenol
Concen: 44.098 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampled :
LB-4MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	203818		
107	116.0		91.2	136.8
121	60.6		47.2	70.8

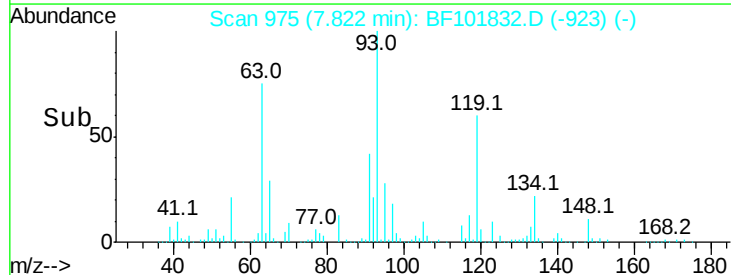
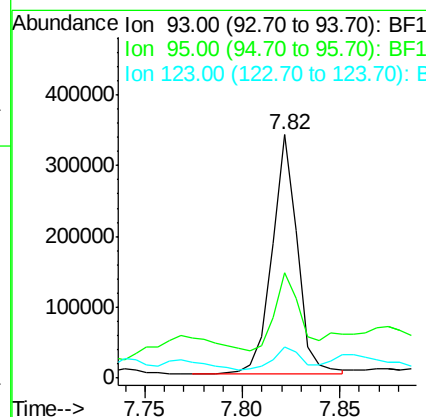
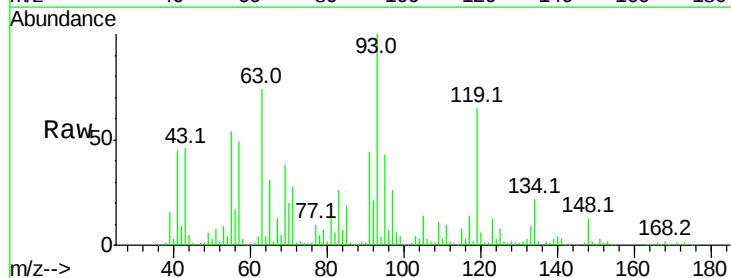
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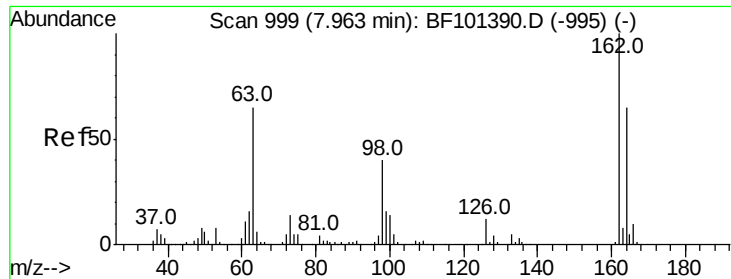
Sohil
1/2/2018 1:05:05 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.885 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	305394		
95	43.2		26.3	39.5#
123	12.9		9.8	14.6





#29

2,4-Dichlorophenol

Concen: 56.476 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

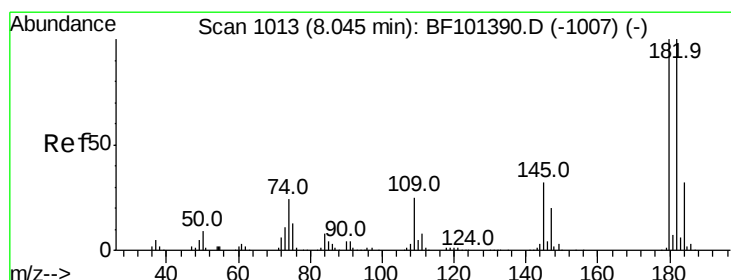
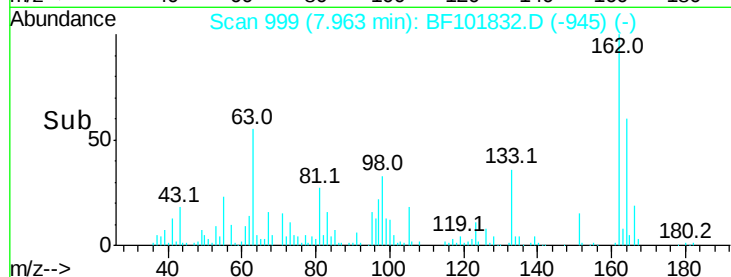
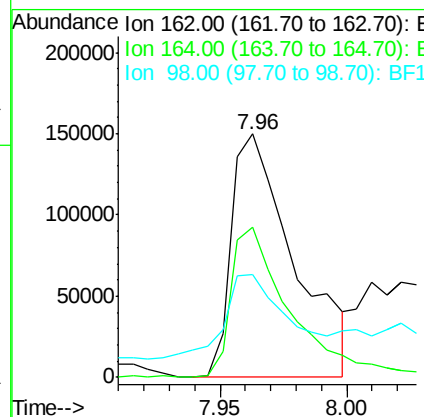
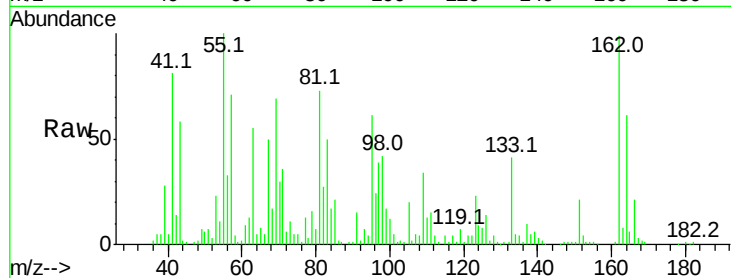
ClientSampleId :

LB-4MS

Tot Ion:	162	Resp:	257885
Ion Ratio	Lower	Upper	
162	100		
164	61.8	42.7	82.7
98	42.4	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 40.399 ng

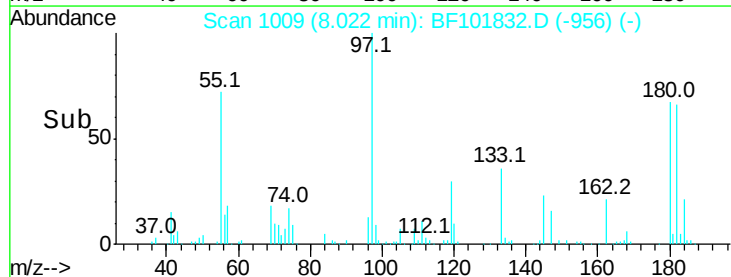
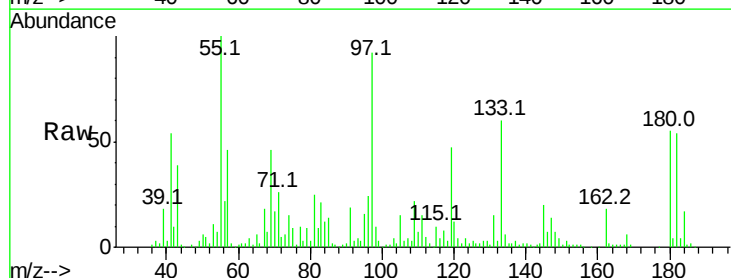
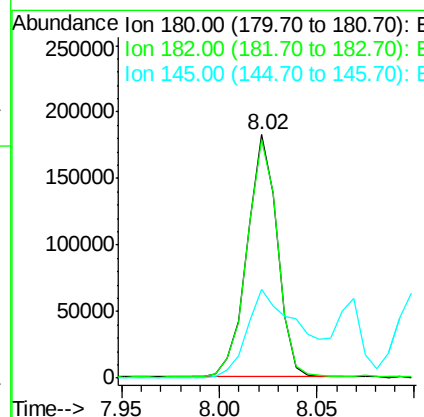
RT: 8.02 min Scan# 1009

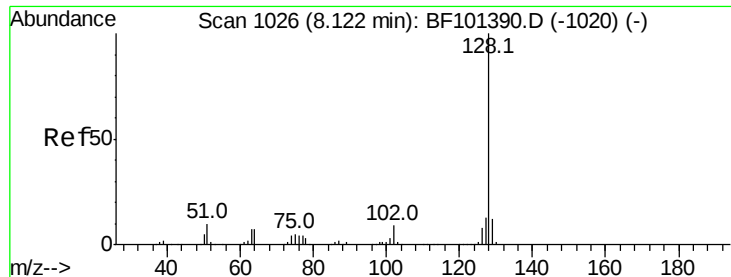
Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:	180	Resp:	194673
Ion Ratio	Lower	Upper	
180	100		
182	98.2	76.8	115.2
145	36.3	26.5	39.7





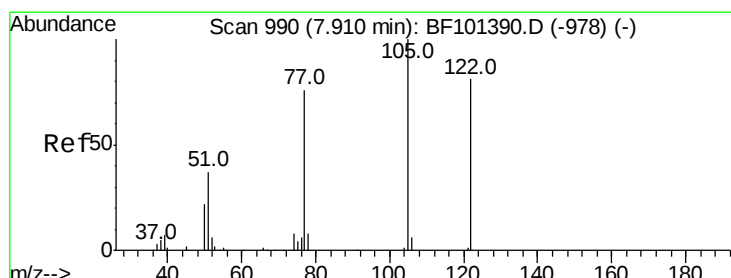
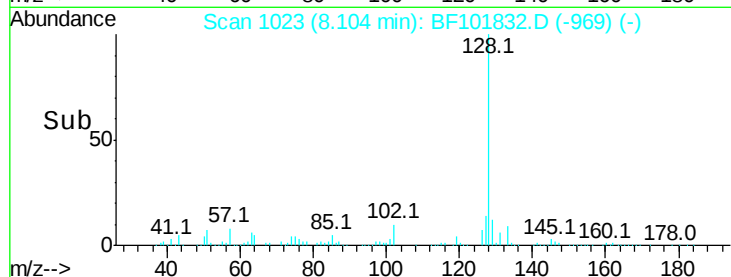
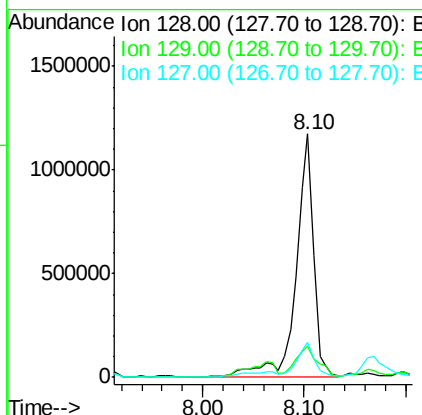
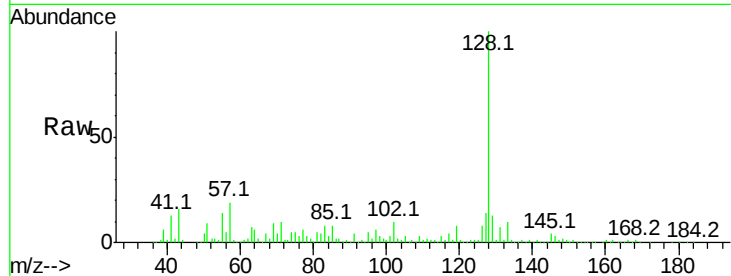
#31
Naphthalene
Concen: 88.590 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.02 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampleId :
LB-4MS

Tot Ion:128 Resp: 1420530
Ion Ratio Lower Upper
128 100
129 12.7 8.8 13.2
127 14.3 10.9 16.3

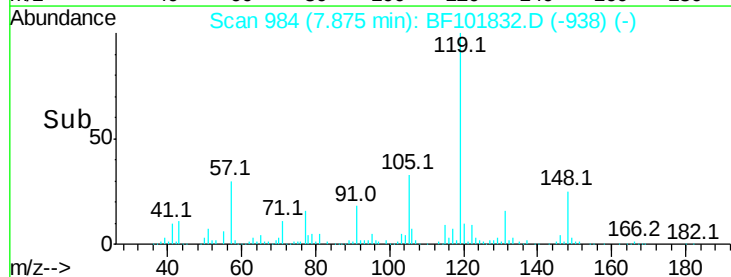
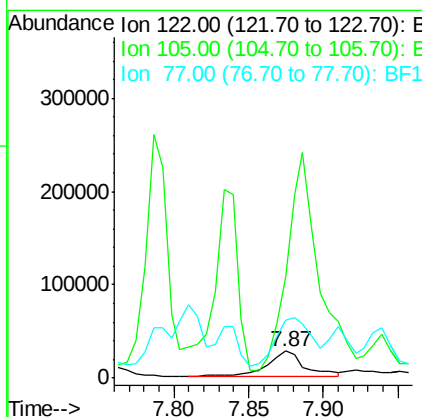
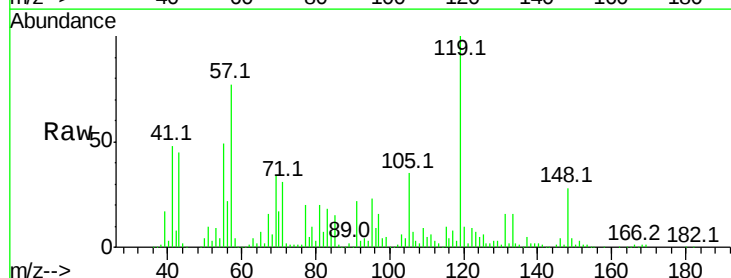
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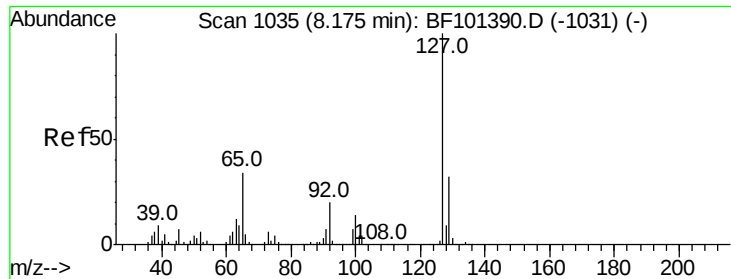
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#32
Benzoic acid
Concen: 20.435 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.03 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion:122 Resp: 46572
Ion Ratio Lower Upper
122 100
105 375.2 101.1 141.1#
77 215.7 70.7 110.7#





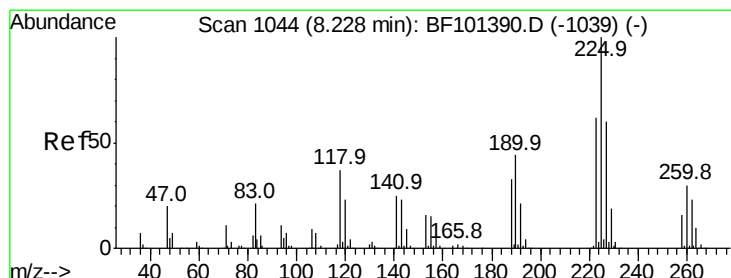
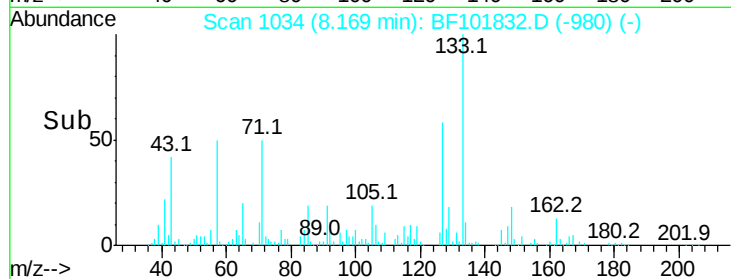
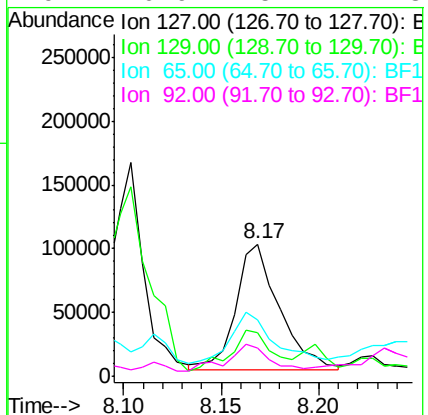
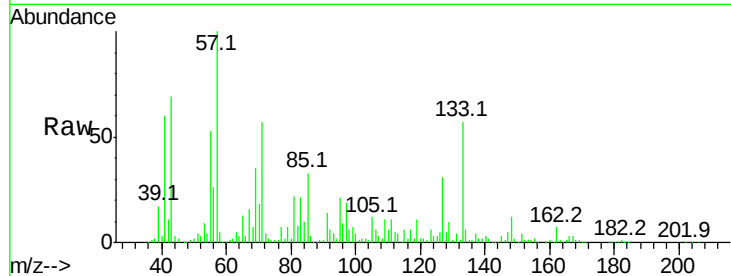
#33
4-Chloroaniline
Concen: 21.784 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.02 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampled :
LB-4MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	25.9	38.9	
65	42.9	25.0	37.4	
92	20.9	15.2	22.8	

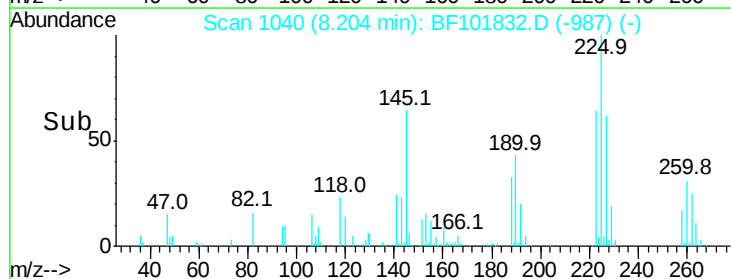
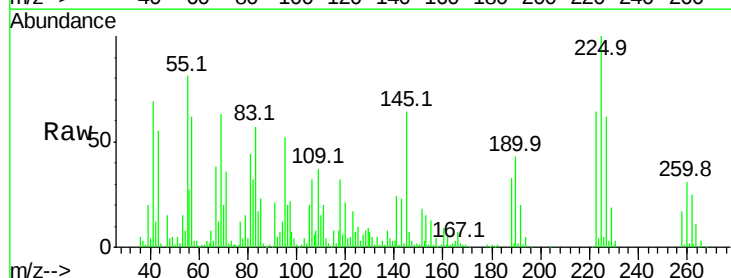
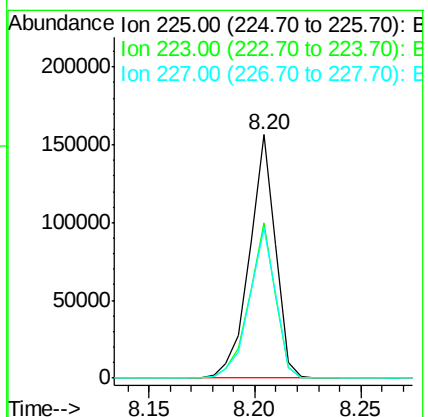
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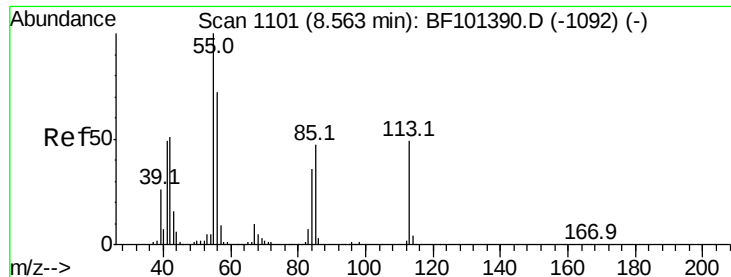
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#34
Hexachlorobutadiene
Concen: 48.189 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	50.6	76.0	
227	61.9	51.9	77.9	





#35

Caprolactam

Concen: 36.172 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

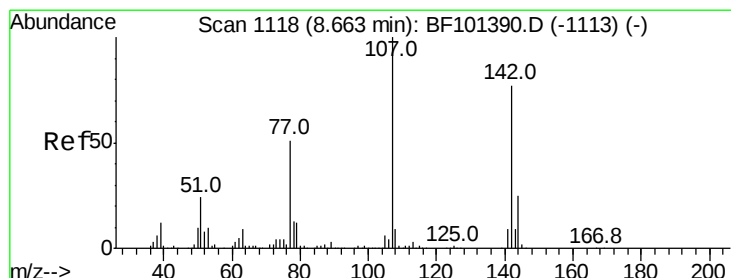
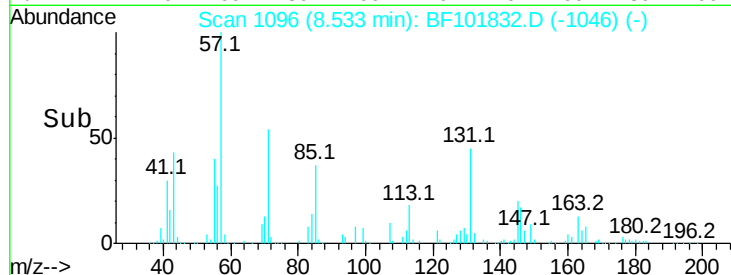
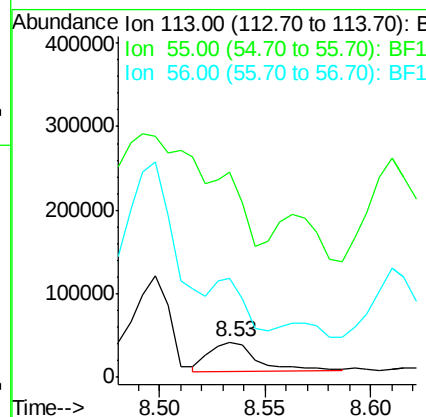
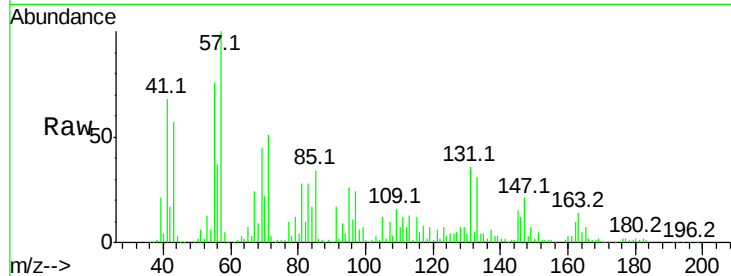
ClientSampled :

LB-4MS

Tot Ion:113 Resp: 57352
 Ion Ratio Lower Upper
 113 100
 55 588.0 163.3 203.3#
 56 284.4 115.7 155.7#

Manual Integrations
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 1/2/2018 1:05:05 PM



#36

4-Chloro-3-methylphenol

Concen: 38.423 ng

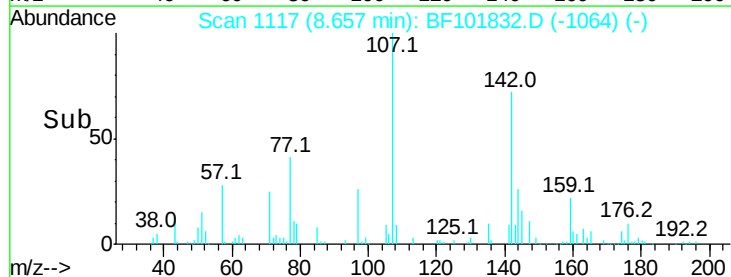
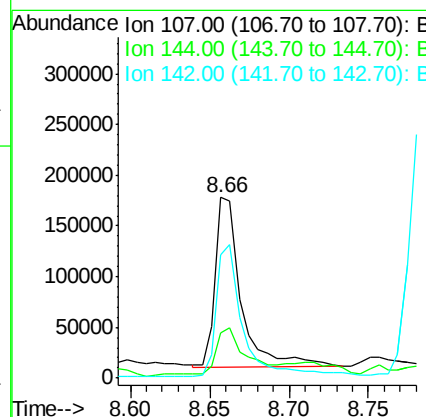
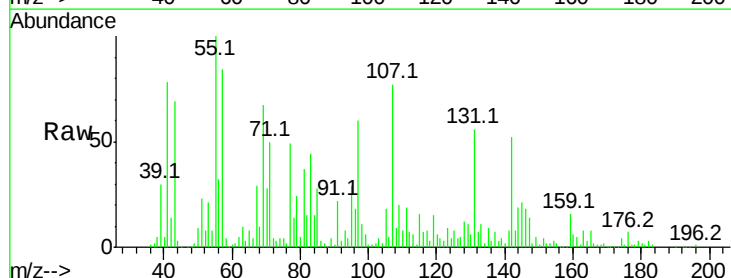
RT: 8.66 min Scan# 1117

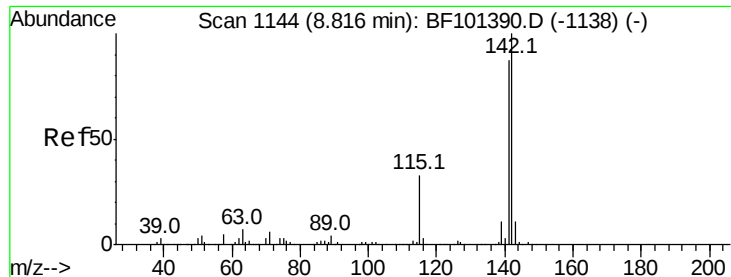
Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:107 Resp: 192837
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.5 30.7
 142 68.3 62.0 93.0





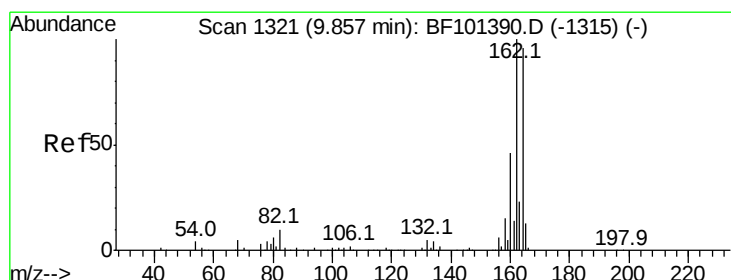
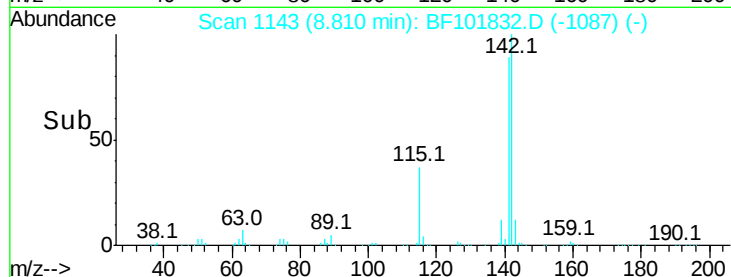
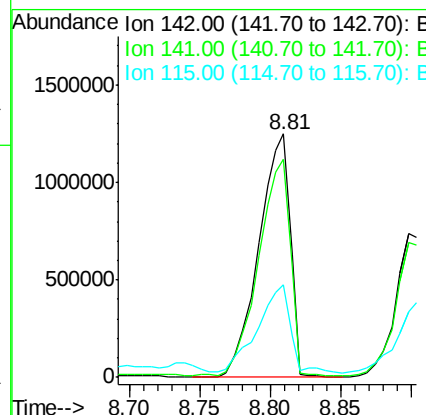
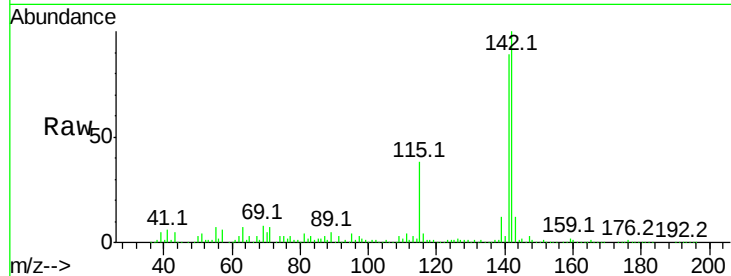
#37
2-Methylnaphthalene
Concen: 186.340 ng
RT: 8.81 min Scan# 1143
Delta R.T. 0.03 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampleId :
LB-4MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	38.2	26.1	39.1

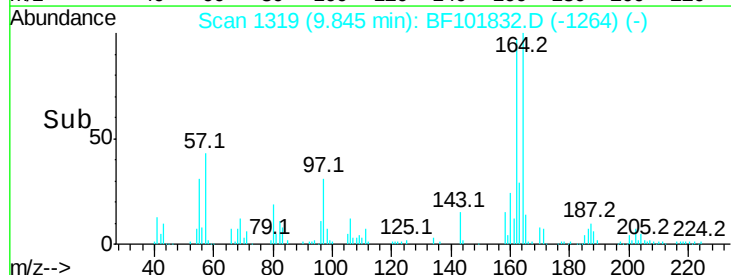
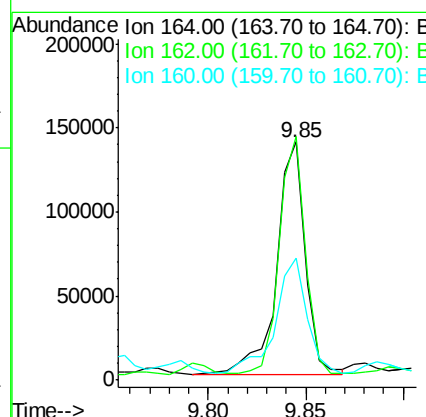
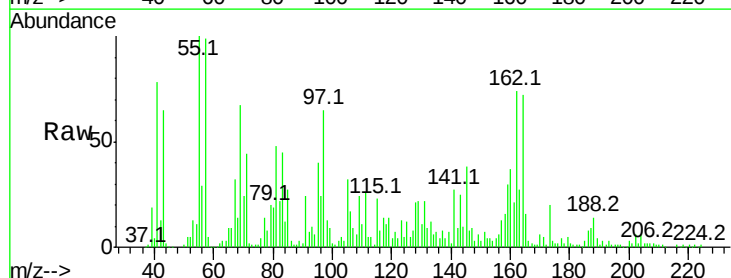
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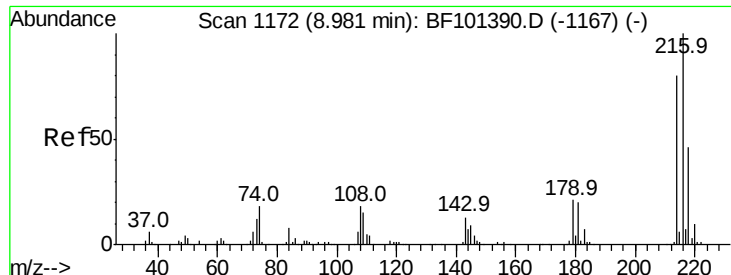
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	86.1	129.1
160	51.1	38.3	57.5





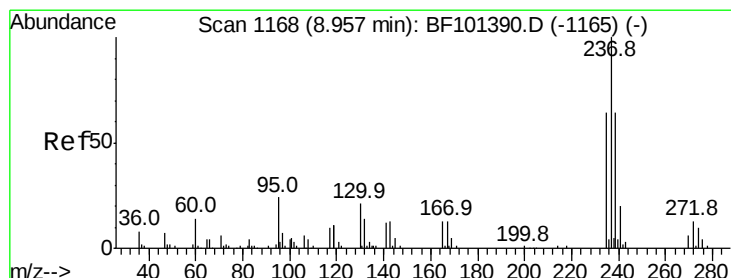
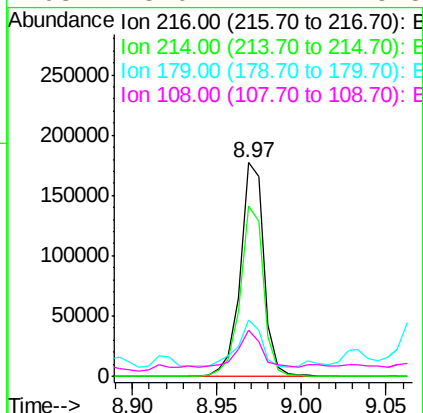
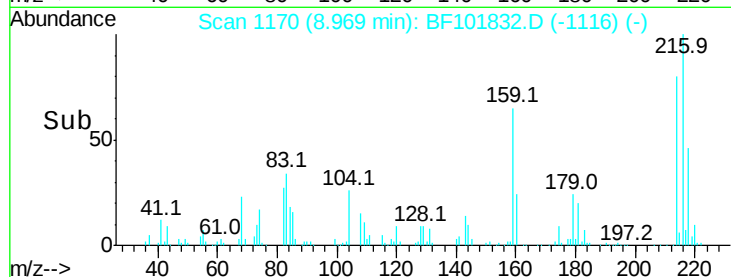
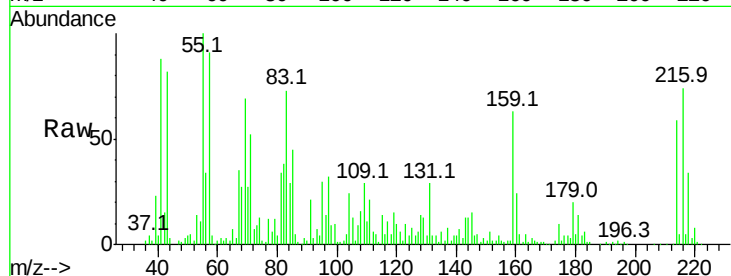
#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.071 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.02 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampled :
LB-4MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.0	94.4	
179	23.5	18.1	27.1	
108	18.0	17.2	25.8	

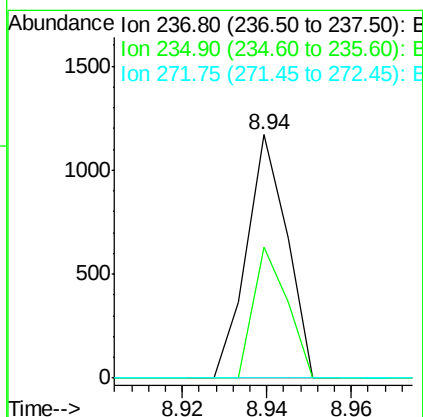
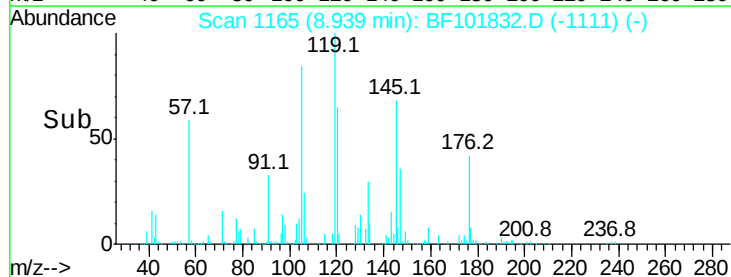
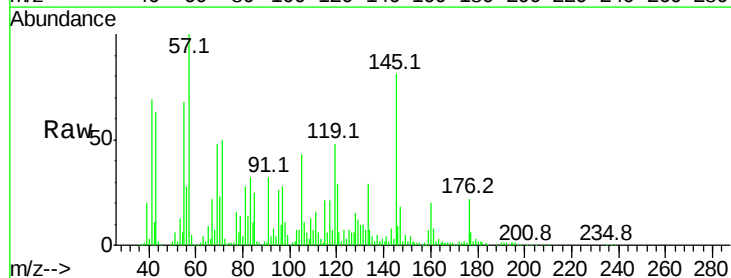
Manual Integrations
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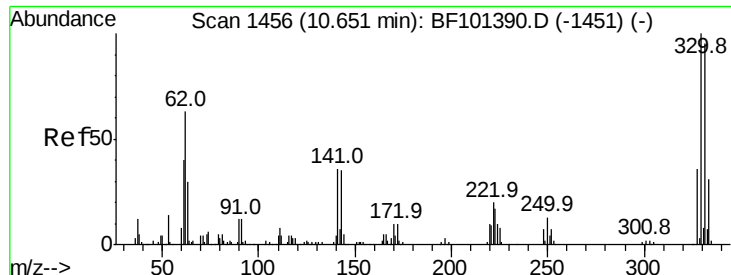
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#40
Hexachlorocyclopentadiene
Concen: 12.444 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.02 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	53.7	44.8	84.8	
272	0.0	0.0	33.3	





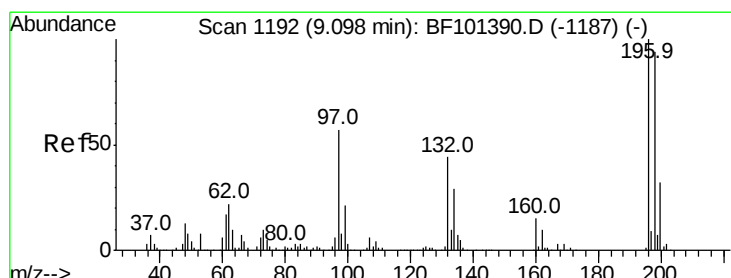
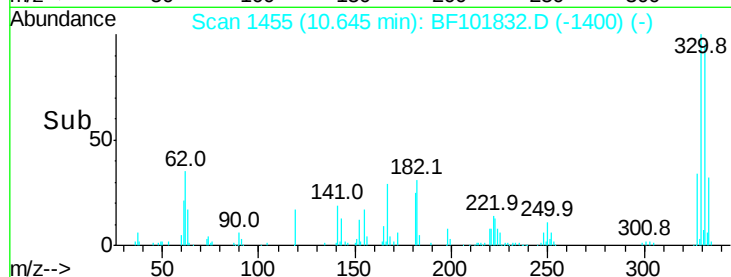
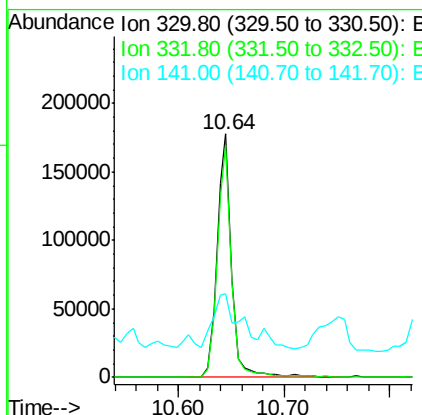
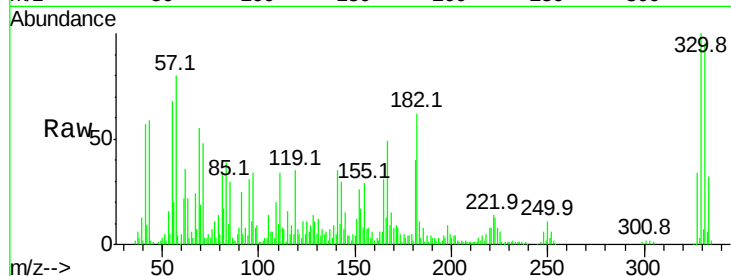
#41
 2,4,6-Tribromophenol
 Concen: 127.311 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LB-4MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	172752		
332	94.8	77.0	115.6	
141	37.2	29.9	44.9	

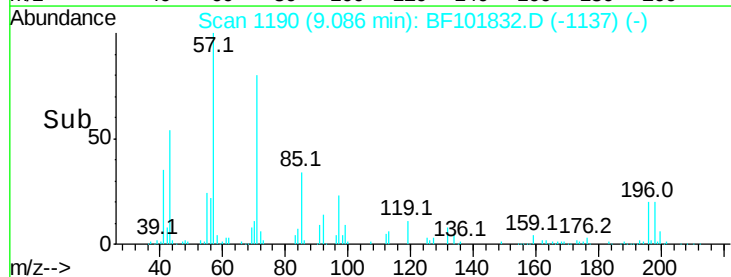
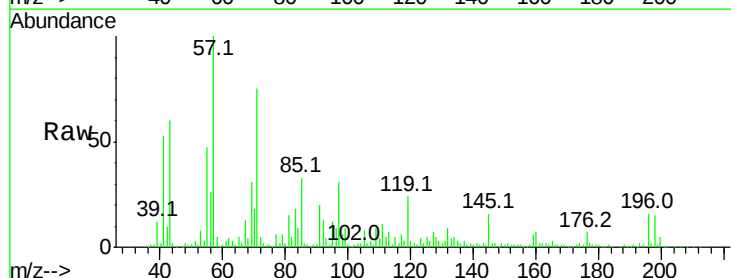
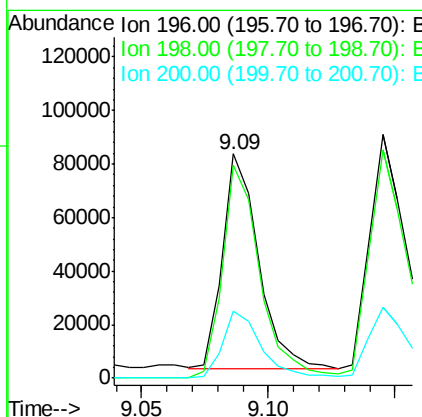
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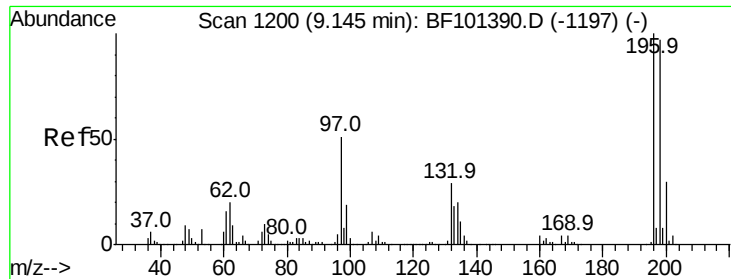
Sohil
 1/2/2018 1:05:05 PM



#42
 2,4,6-Trichlorophenol
 Concen: 27.717 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	79337		
198	95.2	75.7	113.5	
200	29.8	24.5	36.7	





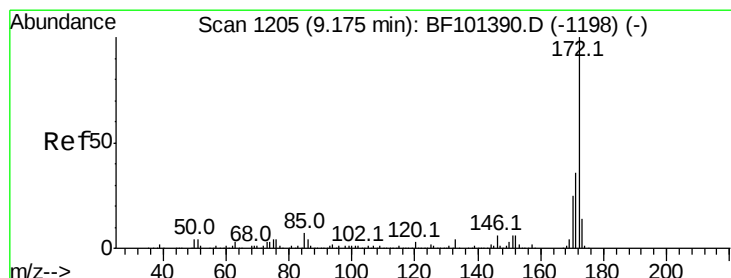
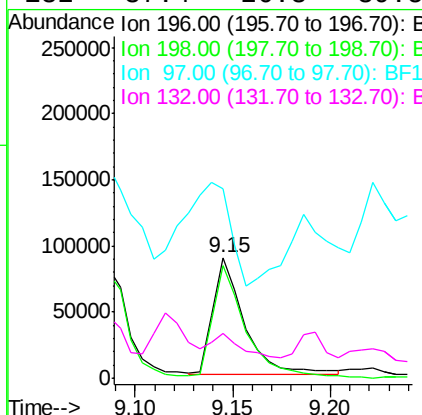
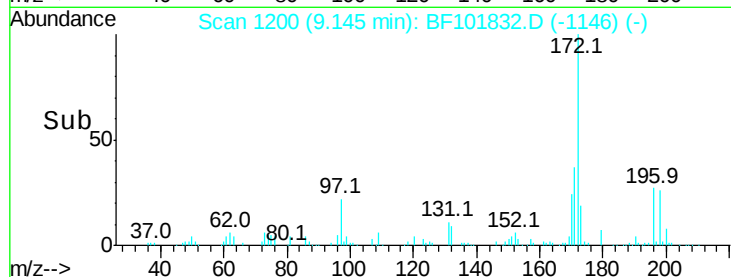
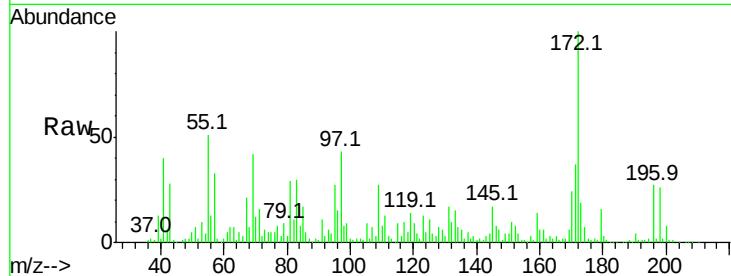
#43
 2,4,5-Trichlorophenol
 Concen: 31.469 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Instrument :
 BNA_F
 ClientSampled :
 LB-4MS

Tot Ion:	196	Resp:	98628
Ion Ratio	Lower	Upper	
196	100		
198	93.7	74.6	112.0
97	157.5	42.9	64.3#
132	37.4	26.3	39.5

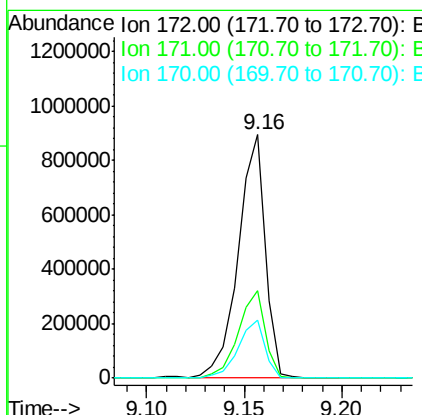
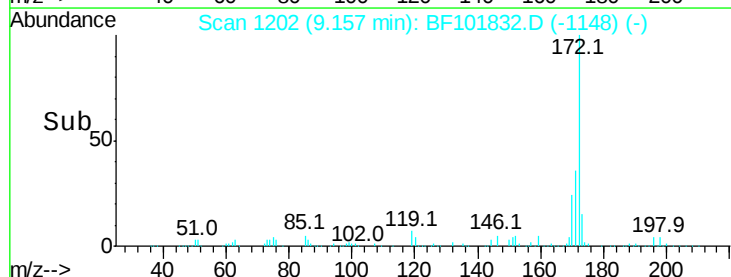
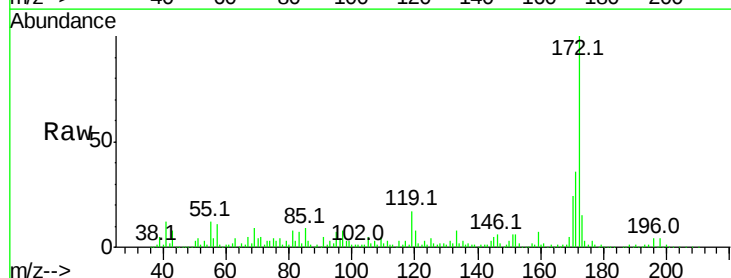
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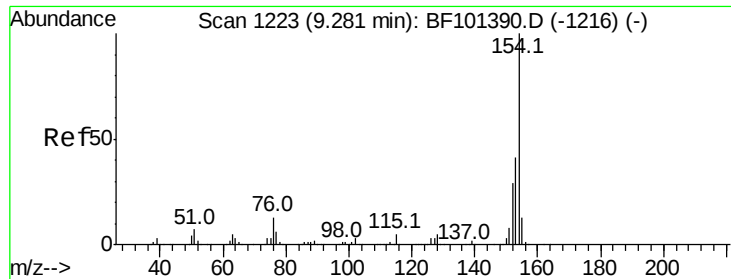
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 94.140 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion:	172	Resp:	854606
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	23.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 57.295 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

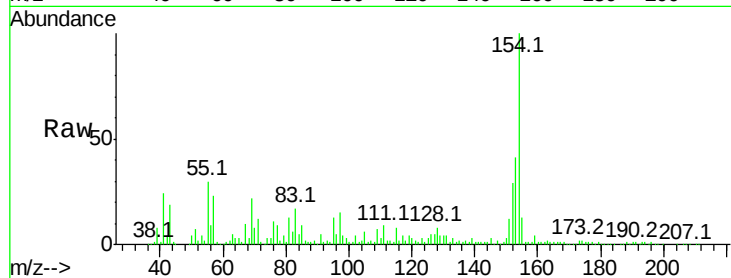
ClientSampleId :

LB-4MS

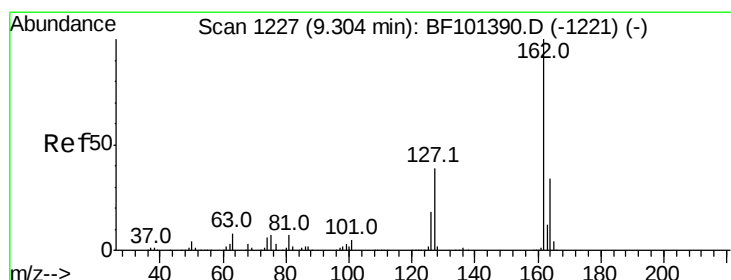
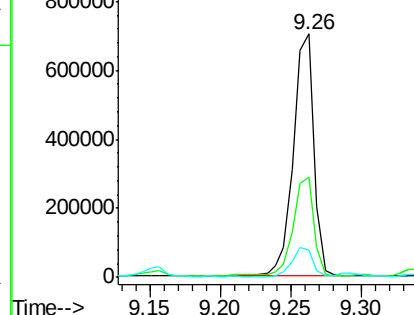
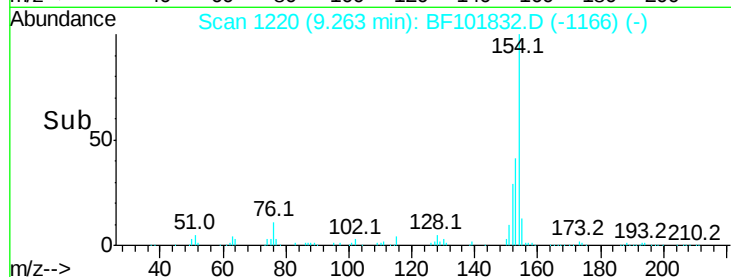
Tot Ion:	154	Resp:	715550
Ion Ratio	Lower	Upper	
154	100		
153	41.0	21.3	61.3
76	11.3	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 32.485 ng

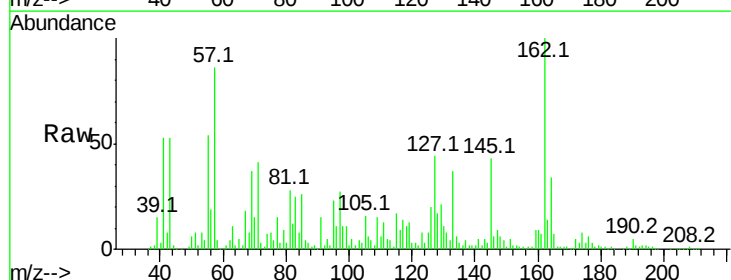
RT: 9.29 min Scan# 1225

Delta R.T. 0.02 min

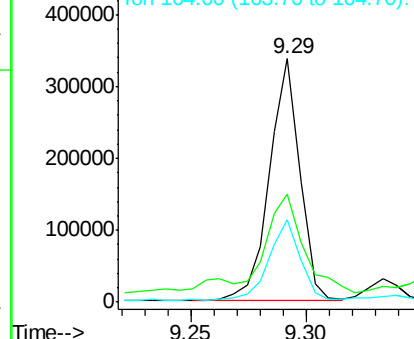
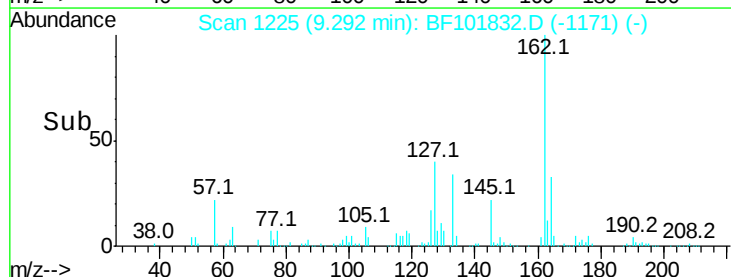
Lab File: BF101832.D

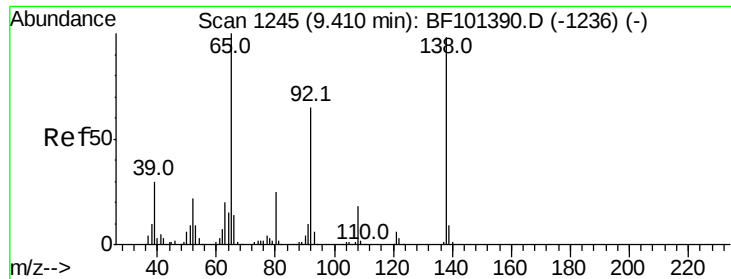
Acq: 29 Dec 2017 16:39

Tgt Ion:	162	Resp:	310426
Ion Ratio	Lower	Upper	
162	100		
127	44.2	33.9	50.9
164	33.8	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 37.131 ng

RT: 9.40 min Scan# 1244

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

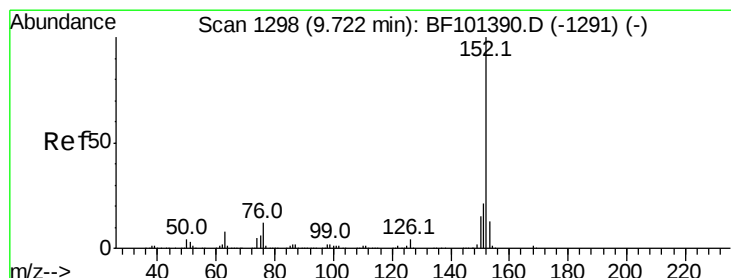
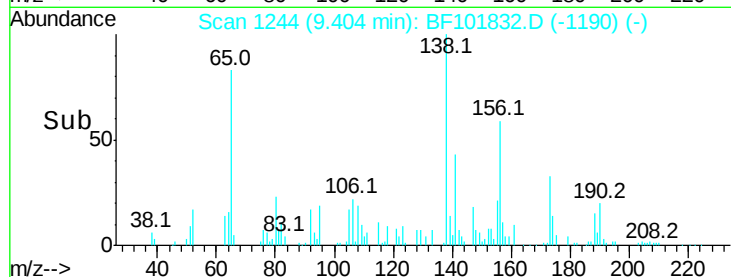
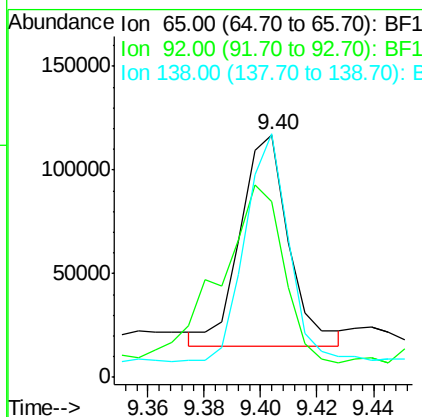
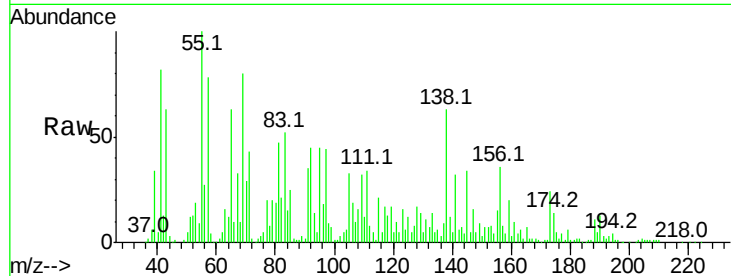
ClientSampled :

LB-4MS

Tot Ion	65	92	138
Ion	Ratio	Lower	Upper
65	100		
92	72.5	55.8	83.6
138	100.2	91.2	136.8

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#48

Acenaphthylene

Concen: 32.299 ng

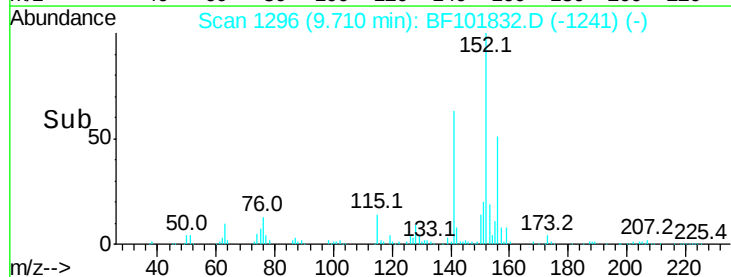
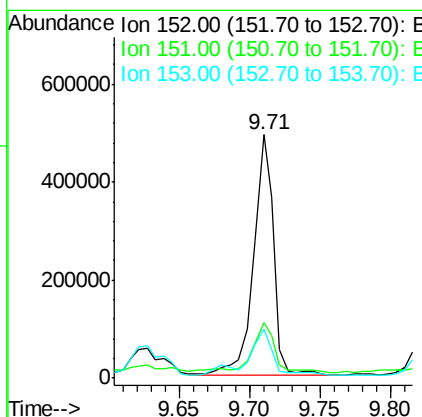
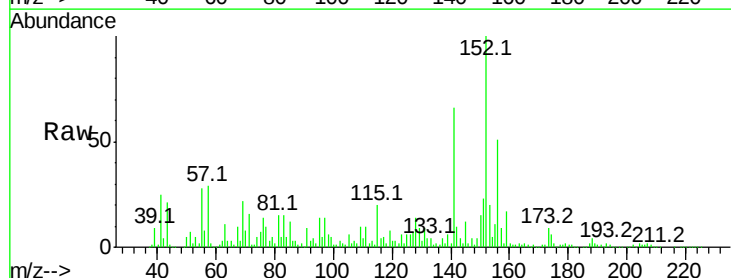
RT: 9.71 min Scan# 1296

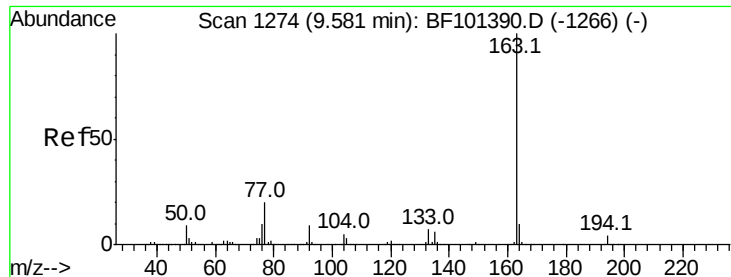
Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion	152	151	153
Ion	Ratio	Lower	Upper
152	100		
151	22.5	16.3	24.5
153	20.3	10.7	16.1#





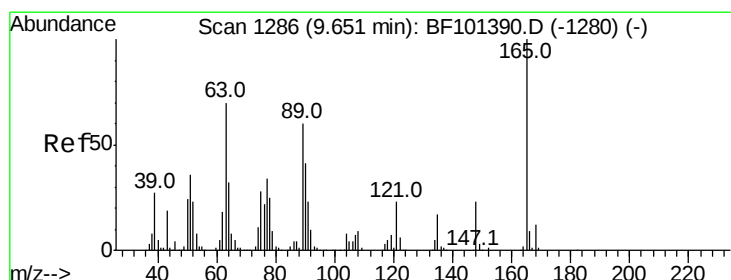
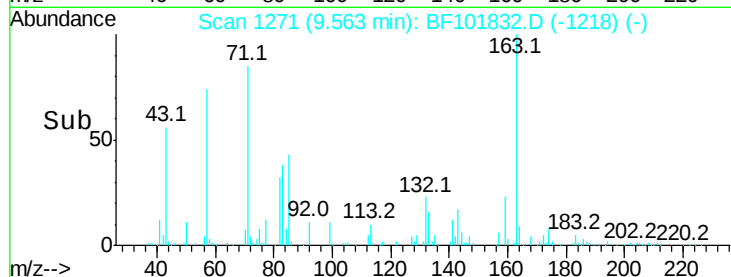
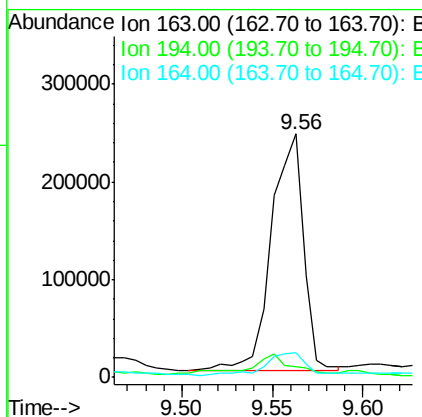
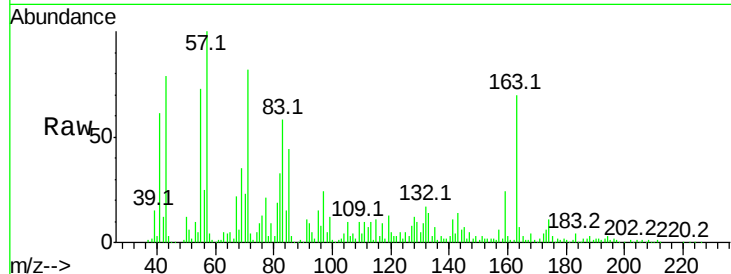
#49
Dimethylphthalate
Concen: 26.509 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampleId :
LB-4MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.6	2.7	4.1#	
164	10.3	8.2	12.2	

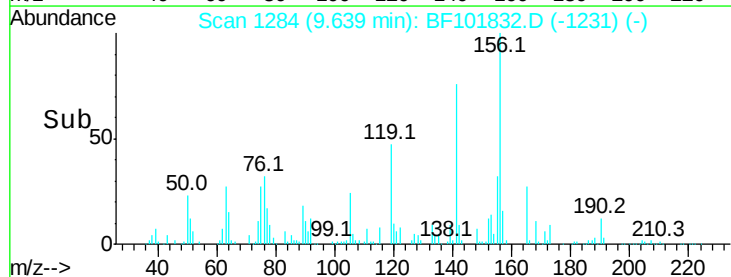
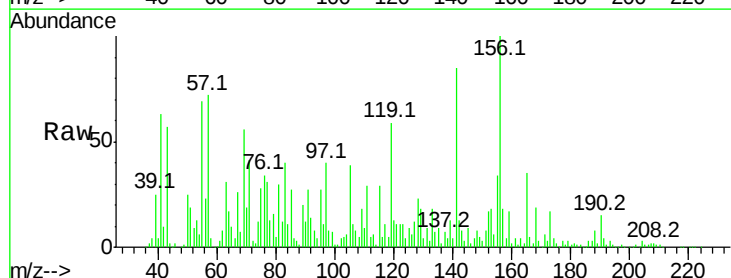
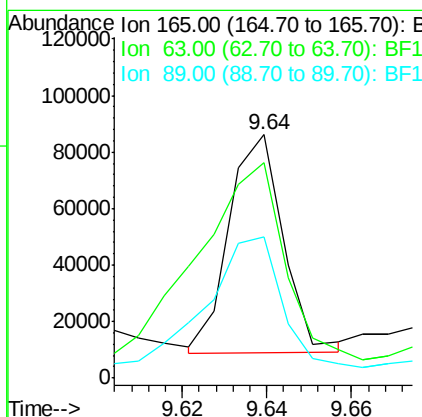
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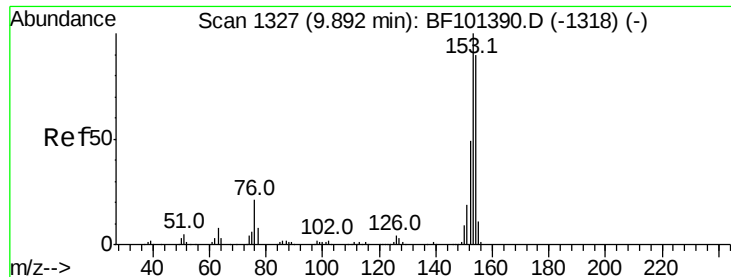
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#50
2,6-Dinitrotoluene
Concen: 29.870 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	88.5	44.7	67.1#	
89	58.0	44.0	66.0	





#51

Acenaphthene

Concen: 36.955 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

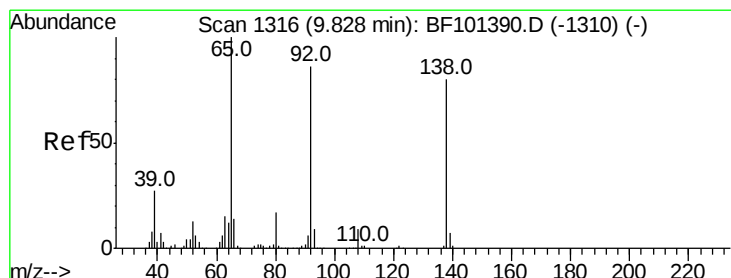
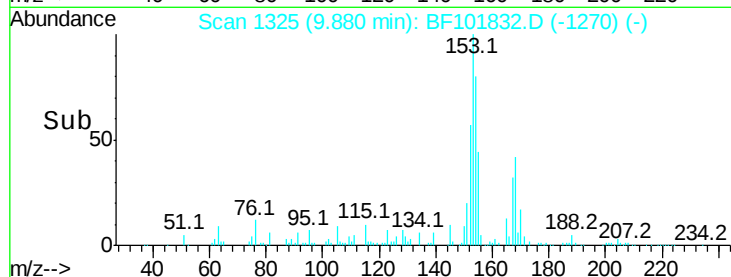
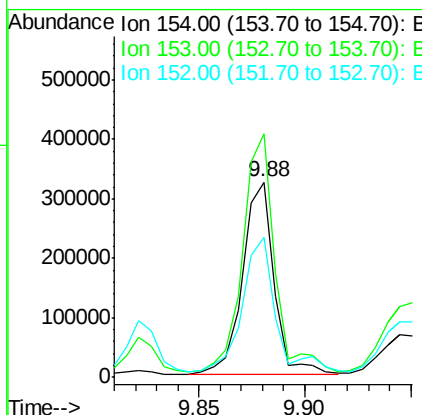
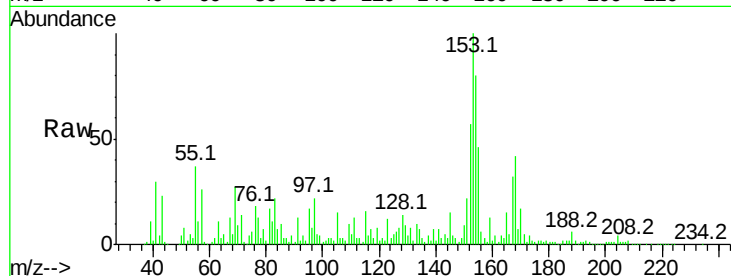
ClientSampled :

LB-4MS

Tot Ion:	154	Resp:	335104
Ion Ratio	Lower	Upper	
154	100		
153	124.5	91.2	136.8
152	71.5	43.8	65.8#

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#52

3-Nitroaniline

Concen: 25.332 ng

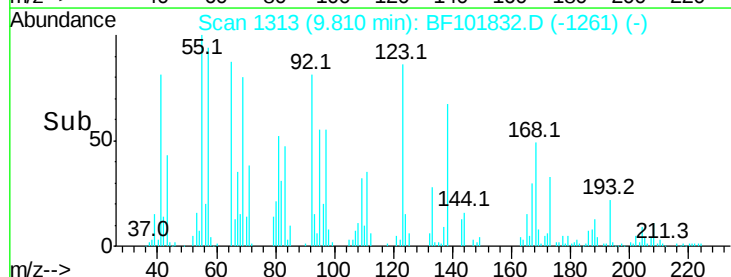
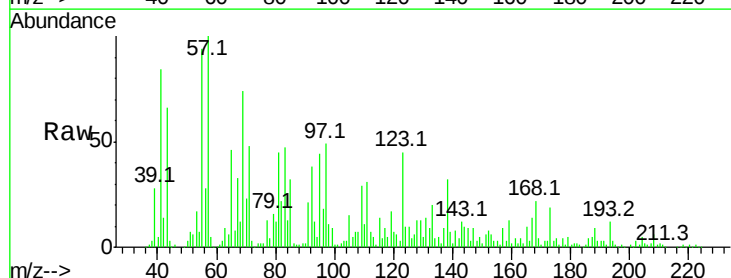
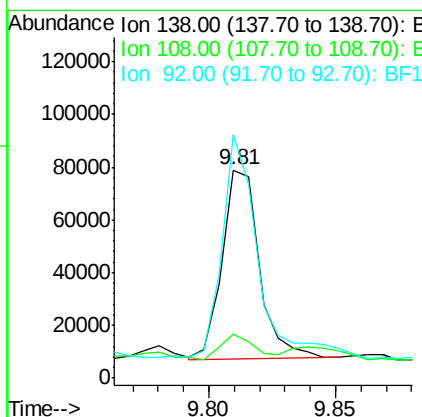
RT: 9.81 min Scan# 1313

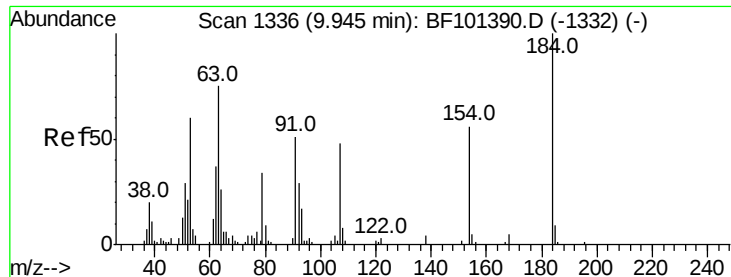
Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:	138	Resp:	72709
Ion Ratio	Lower	Upper	
138	100		
108	21.0	9.4	14.0#
92	116.9	89.4	134.2





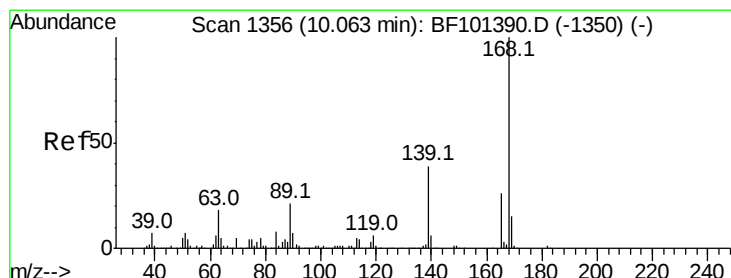
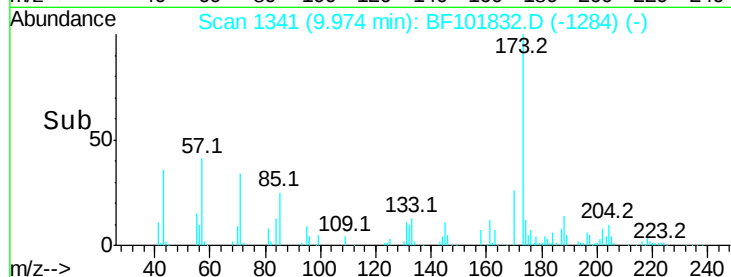
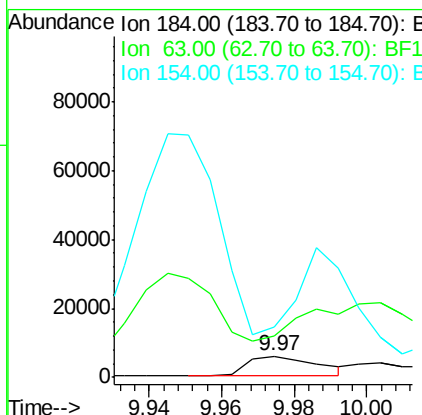
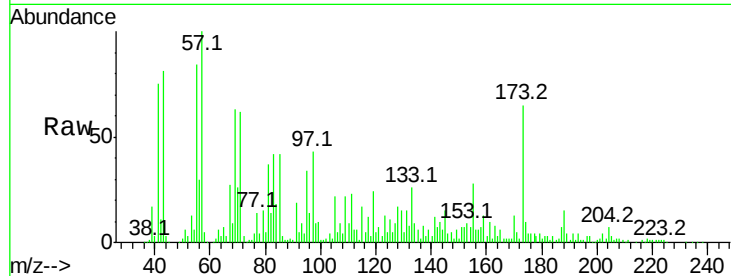
#53
2,4-Dinitrophenol
Concen: 18.769 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.04 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampled :
LB-4MS

Tot Ion:184 Resp: 7778
Ion Ratio Lower Upper
184 100
63 197.9 54.2 81.2#
154 237.9 184.0 276.0

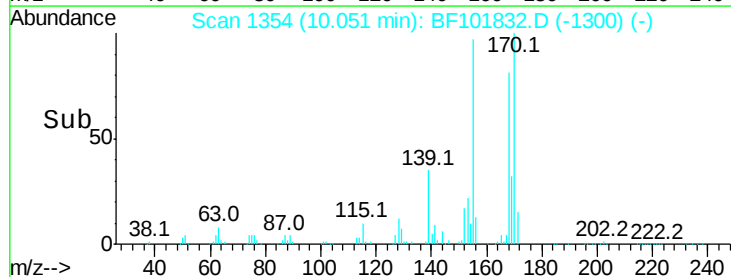
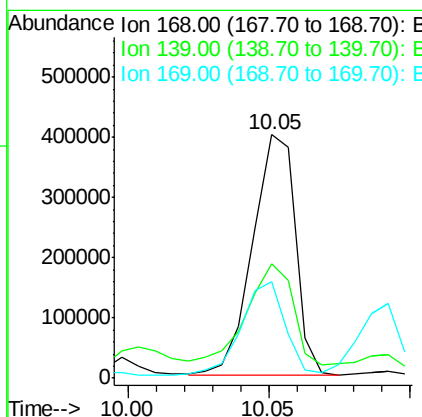
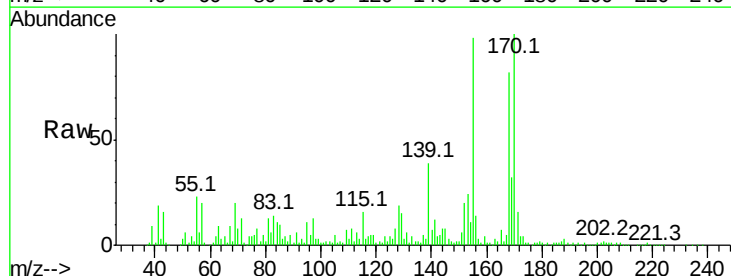
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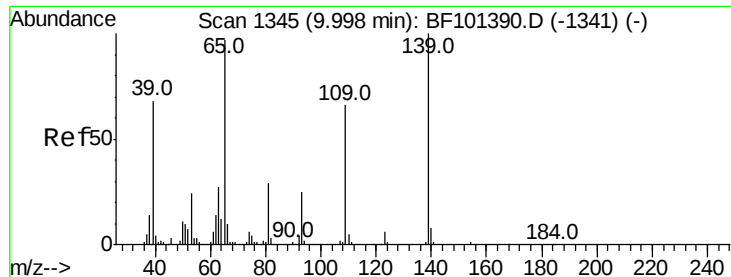
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#54
Dibenzofuran
Concen: 36.522 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion:168 Resp: 420875
Ion Ratio Lower Upper
168 100
139 47.1 30.1 45.1#
169 39.4 10.9 16.3#





#55

4-Nitrophenol

Concen: 51.023 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampled :

LB-4MS

Tot Ion:139 Resp: 63858

Ion Ratio Lower Upper

139 100

109 141.6 48.4 88.4#

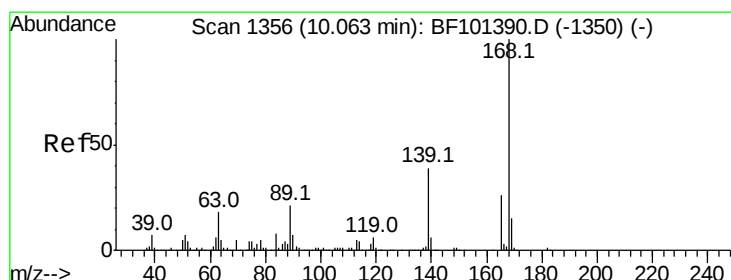
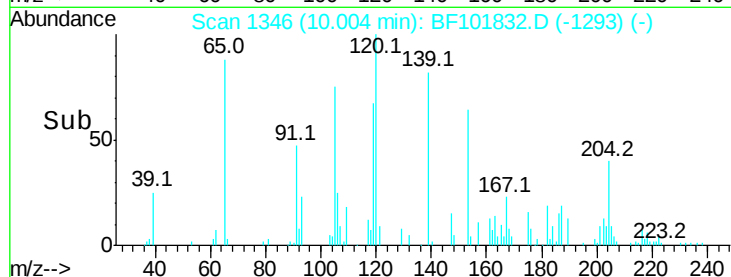
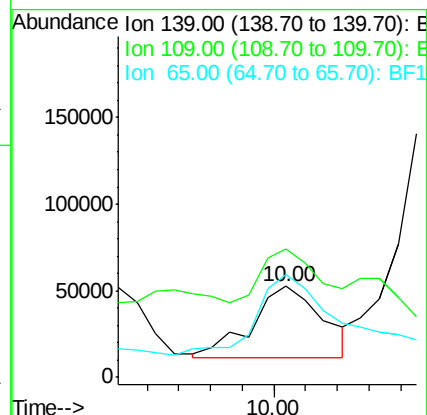
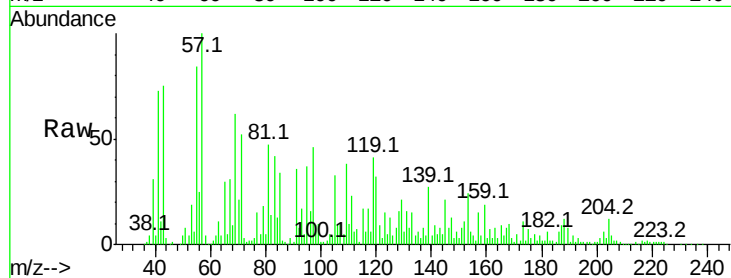
65 113.8 72.6 112.6#

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#56

2,4-Dinitrotoluene

Concen: 57.647 ng

RT: 10.07 min Scan# 1357

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:165 Resp: 149525

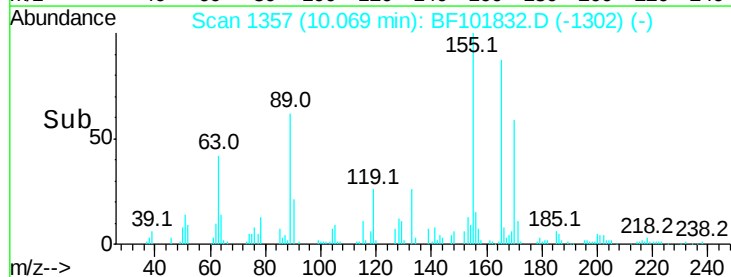
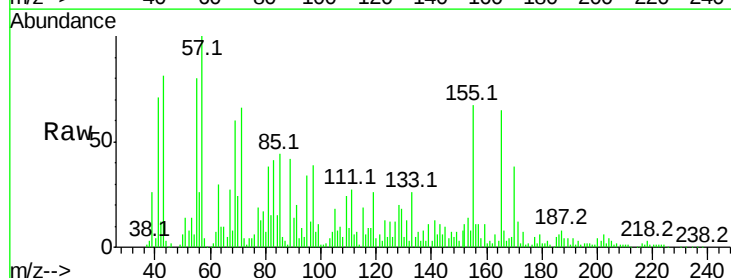
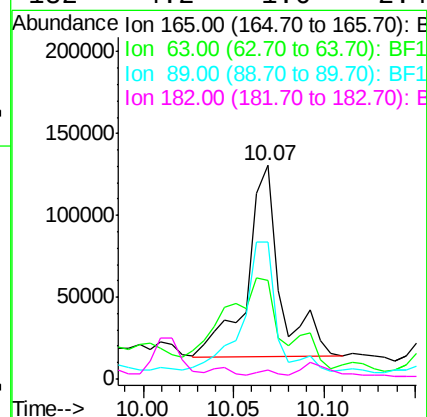
Ion Ratio Lower Upper

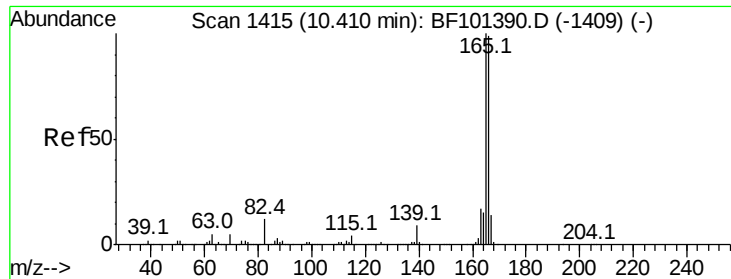
165 100

63 45.9 36.4 54.6

89 63.8 57.8 86.6

182 4.2 1.6 2.4#





#57

Fluorene

Concen: 49.862 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

LB-4MS

Tot Ion:166 Resp: 486084

Ion Ratio Lower Upper

166 100

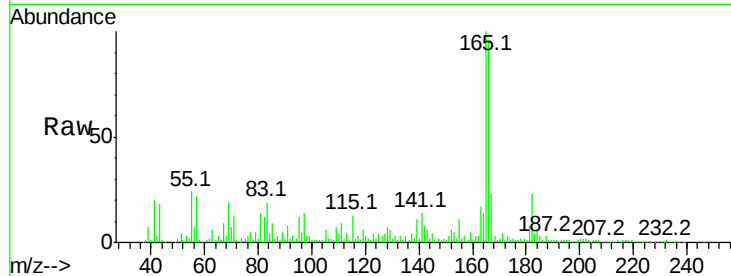
165 105.0 79.8 119.8

167 24.5 10.6 16.0#

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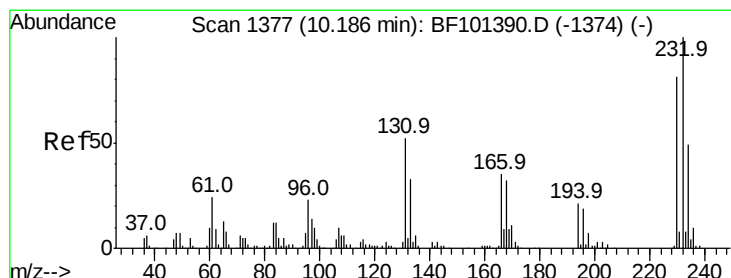
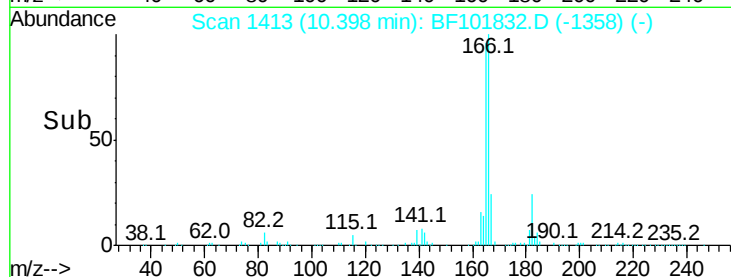
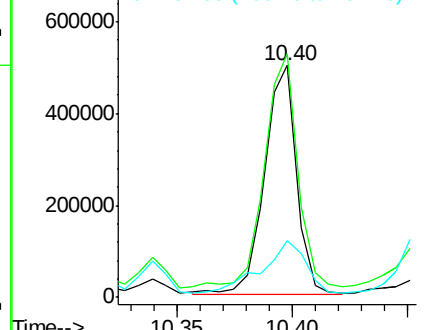
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.647 ng

RT: 10.19 min Scan# 1377

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:232 Resp: 73512

Ion Ratio Lower Upper

232 100

131 60.3 43.8 65.8

130 0.0 2.1 3.1#

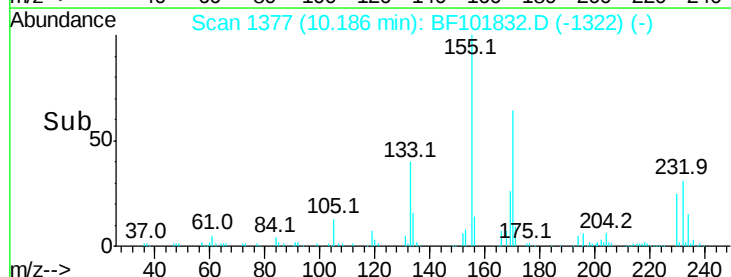
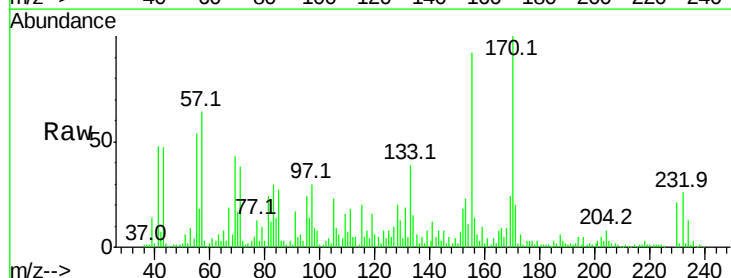
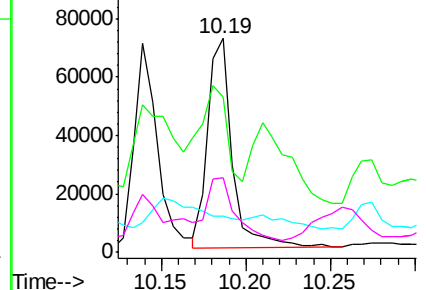
166 34.1 27.8 41.6

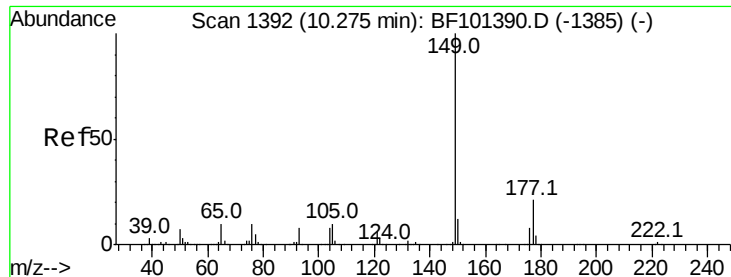
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





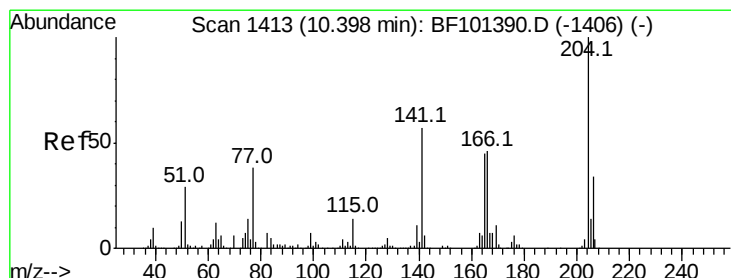
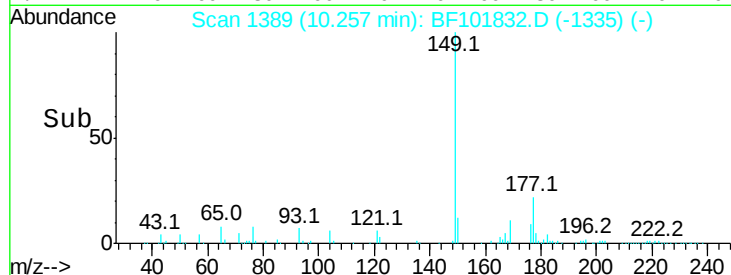
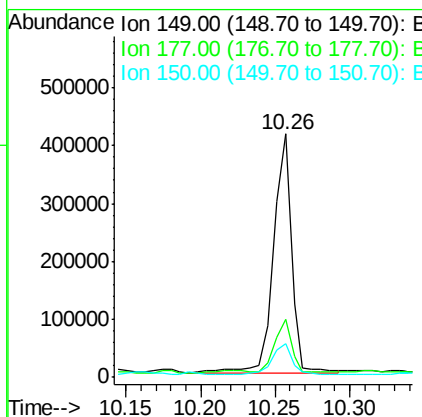
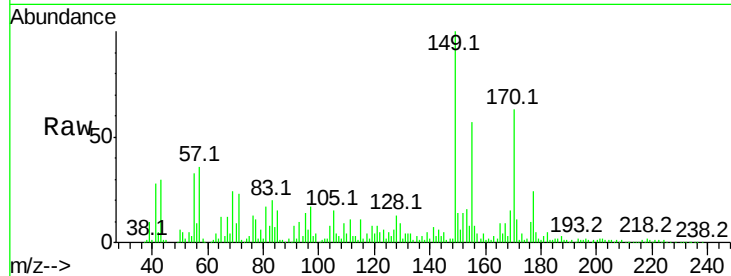
#59
Diethylphthalate
Concen: 31.108 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.02 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampled :
LB-4MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	23.7	16.1	24.1	
150	13.8	10.1	15.1	

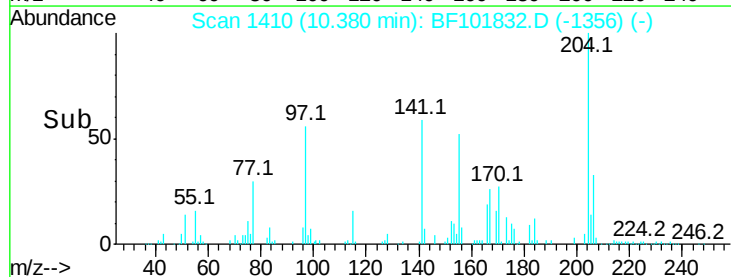
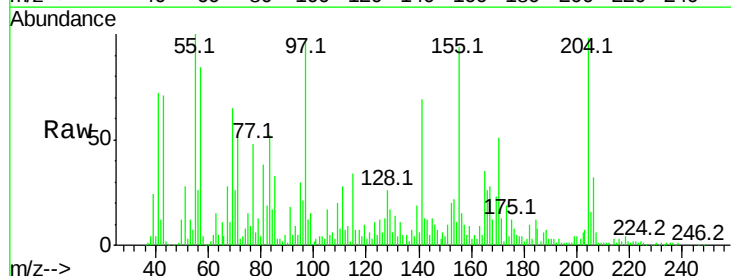
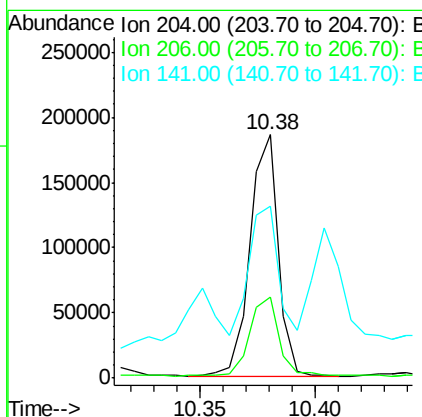
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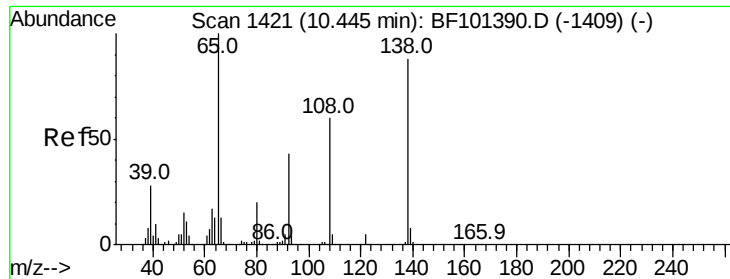
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 33.991 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.02 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.1	26.5	39.7	
141	70.6	54.6	81.8	





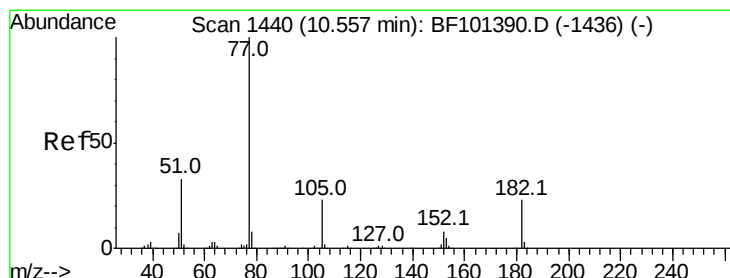
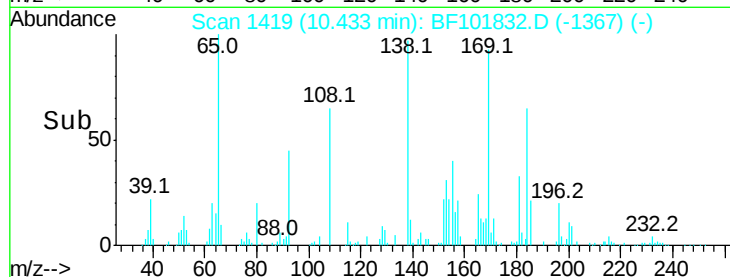
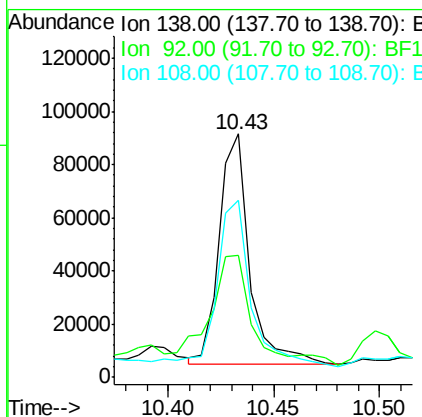
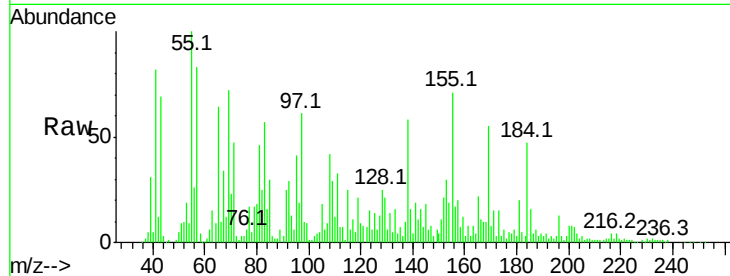
#61
4-Nitroaniline
Concen: 30.179 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampleId :
LB-4MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.2	30.2	70.2
108	72.6	52.5	92.5

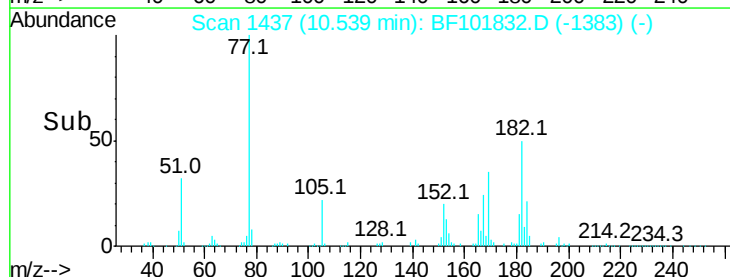
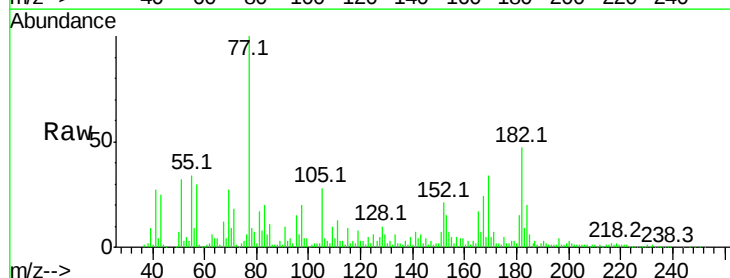
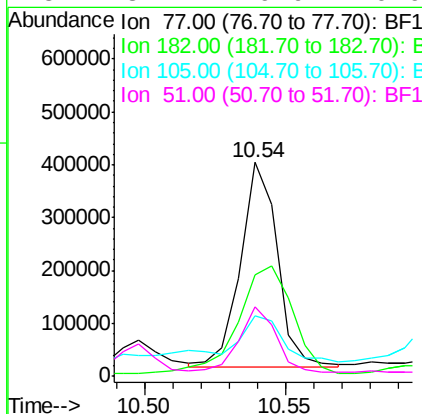
Manual Integrations
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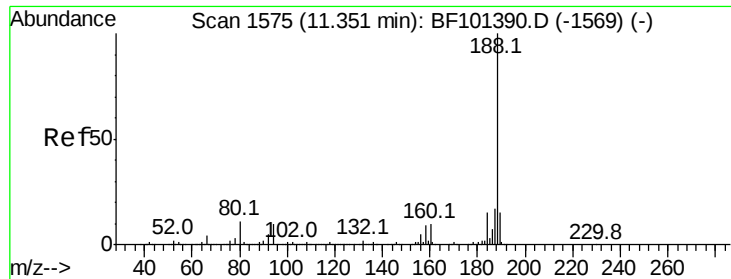
Sohil
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#62
Azobenzene
Concen: 30.312 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.02 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
77	100		
182	47.4	1.7	41.7#
105	28.1	3.0	43.0
51	32.4	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.02 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

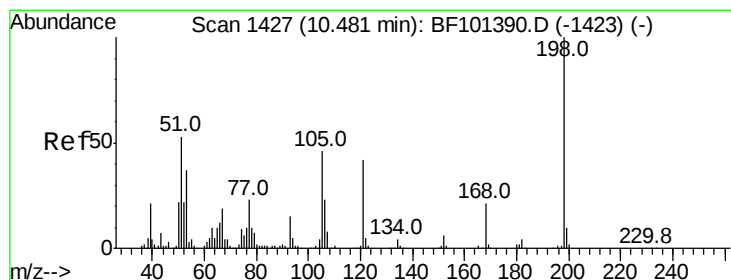
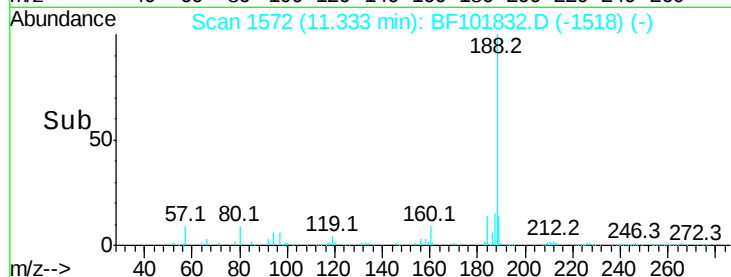
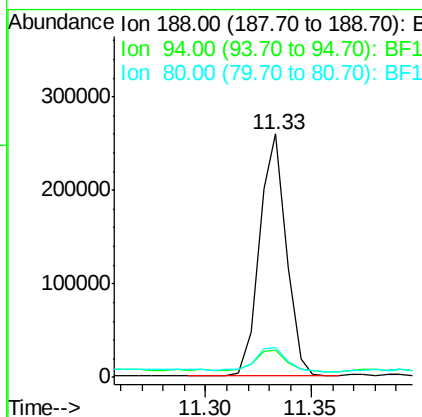
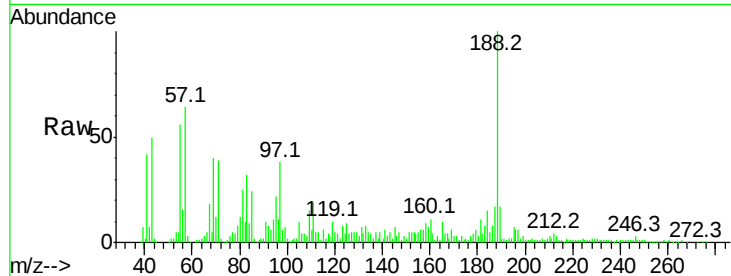
ClientSampleId :

LB-4MS

Tot Ion:	188	Resp:	226919
Ion Ratio	Lower	Upper	
188	100		
94	11.0	8.5	12.7
80	12.0	9.2	13.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 12.390 ng

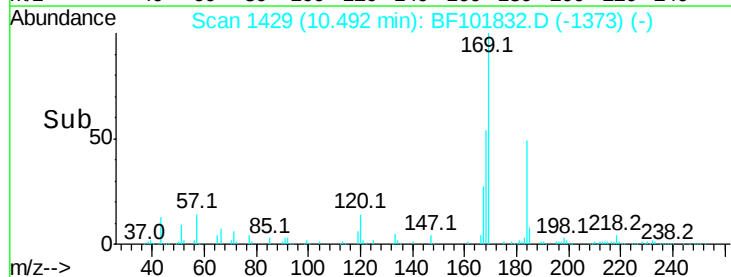
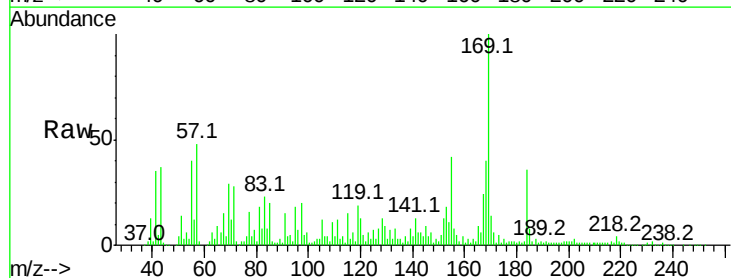
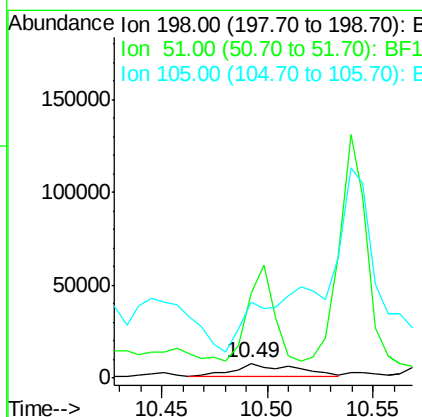
RT: 10.49 min Scan# 1429

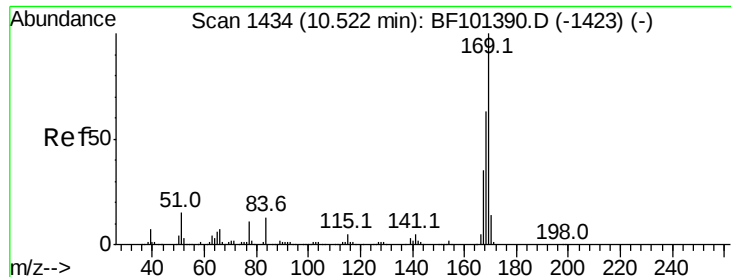
Delta R.T. 0.03 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:	198	Resp:	14347
Ion Ratio	Lower	Upper	
198	100		
51	573.0	37.7	77.7#
105	506.5	36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 55.731 ng/ml

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

ClientSampleId :

LB-4MS

Tot Ion:169 Resp: 466965

Ion Ratio Lower Upper

169 100

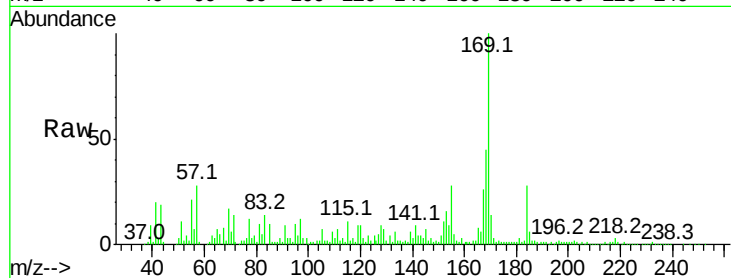
168 45.5 54.4 81.6#

167 26.3 29.8 44.6#

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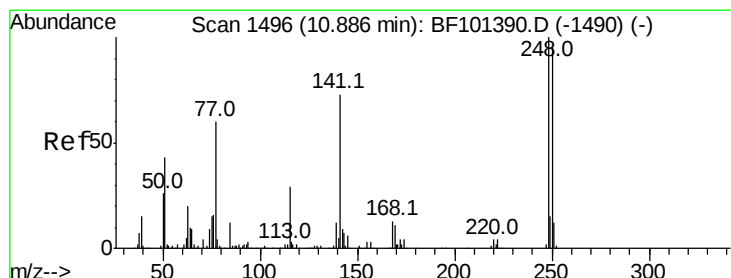
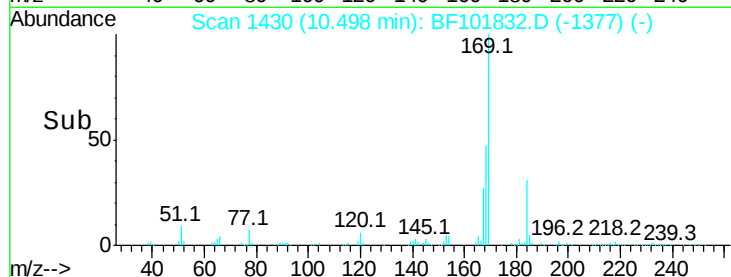
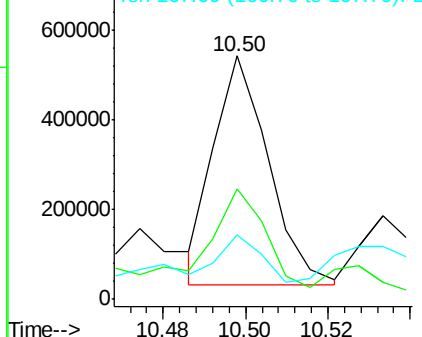
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.376 ng/ml

RT: 10.86 min Scan# 1492

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

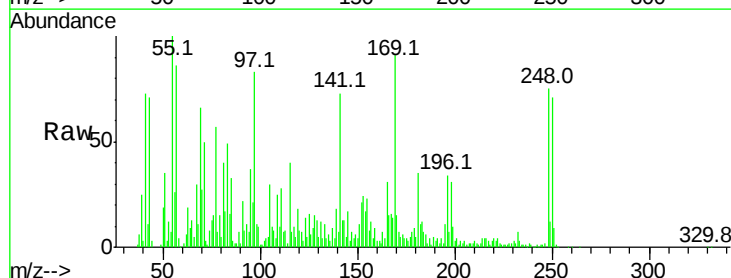
Tgt Ion:248 Resp: 102947

Ion Ratio Lower Upper

248 100

250 95.4 76.9 115.3

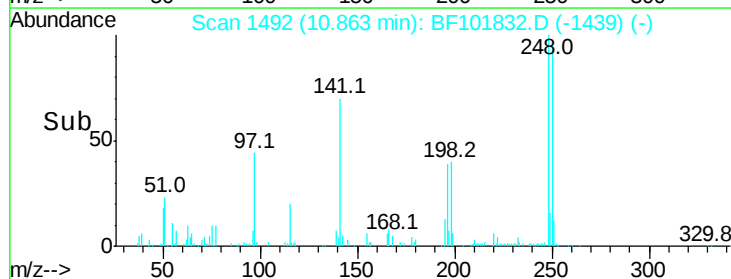
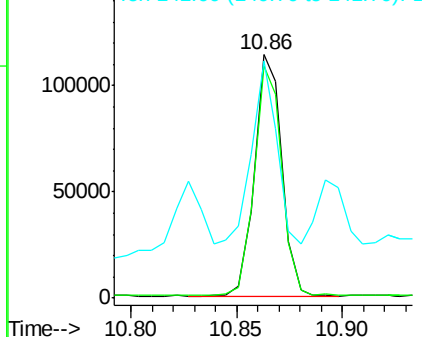
141 97.6 74.4 111.6

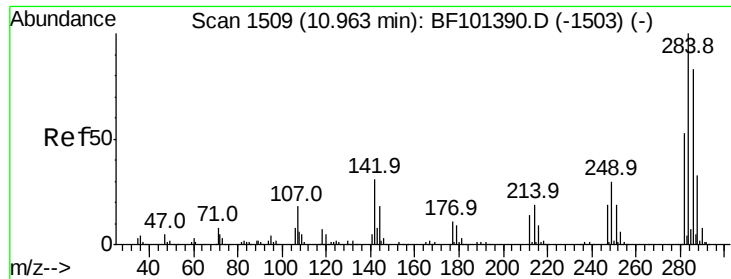


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.725 ng

RT: 10.96 min Scan# 1509

Delta R.T. 0.04 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

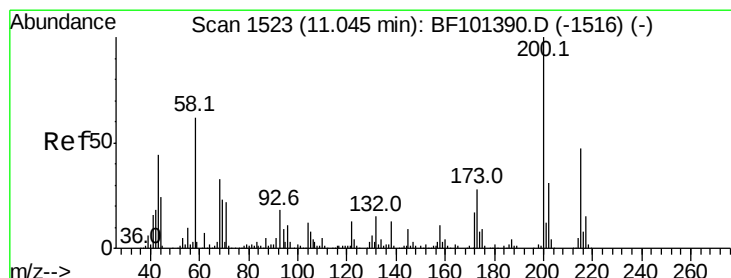
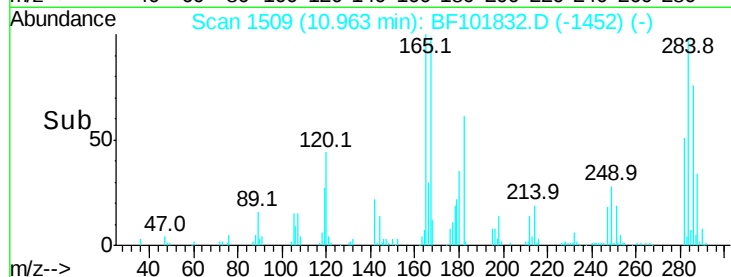
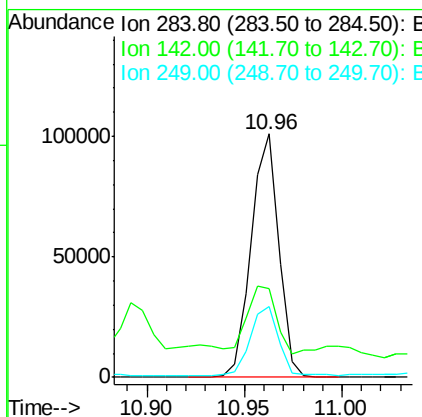
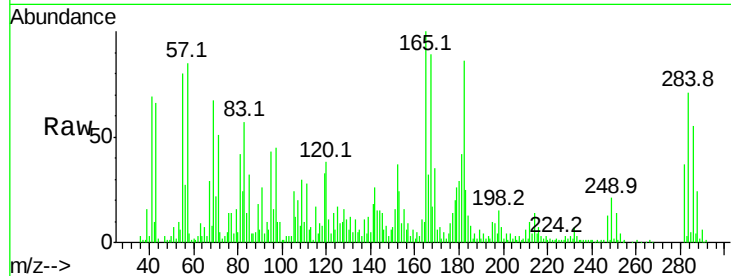
ClientSampled :

LB-4MS

Tot Ion:	284	Resp:	99104
Ion Ratio	Lower	Upper	
284	100		
142	36.3	34.6	52.0
249	29.3	24.8	37.2

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#68

Atrazine

Concen: 46.468 ng

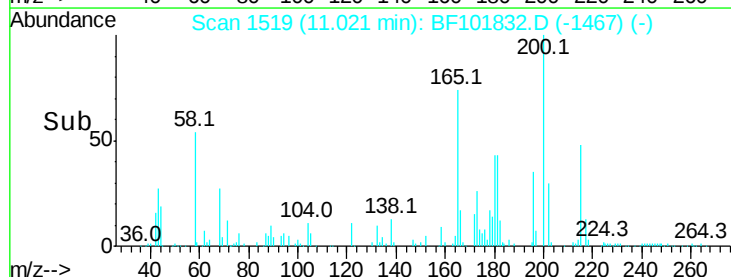
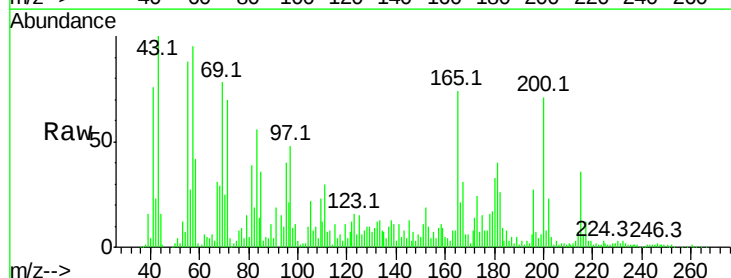
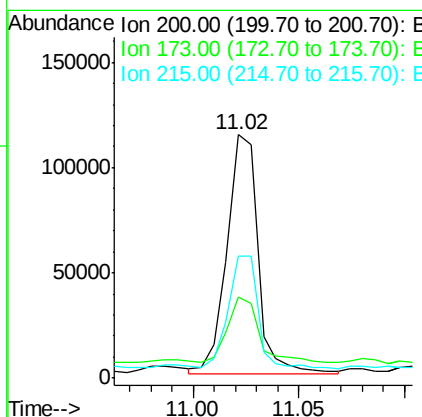
RT: 11.02 min Scan# 1519

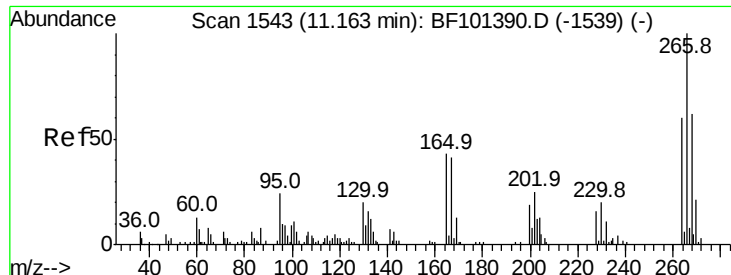
Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:	200	Resp:	116094
Ion Ratio	Lower	Upper	
200	100		
173	33.1	8.6	48.6
215	49.9	25.1	65.1





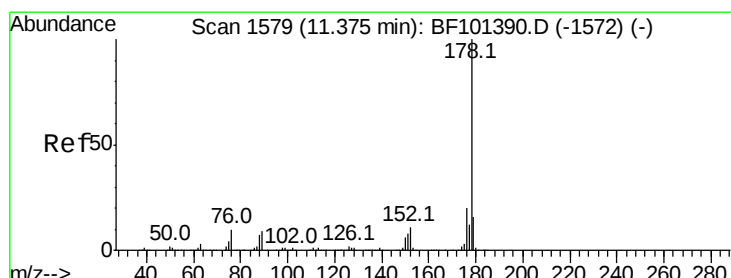
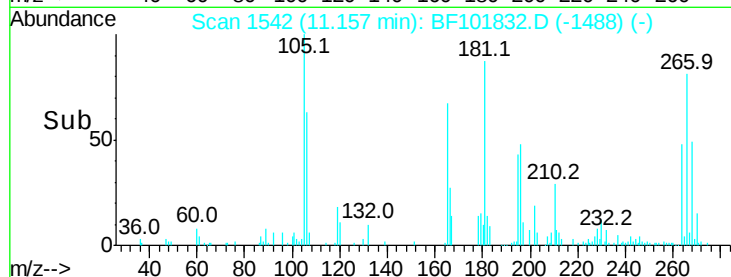
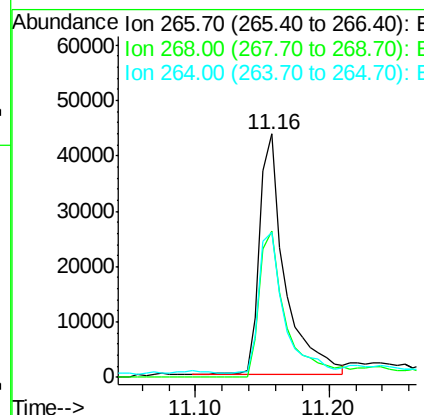
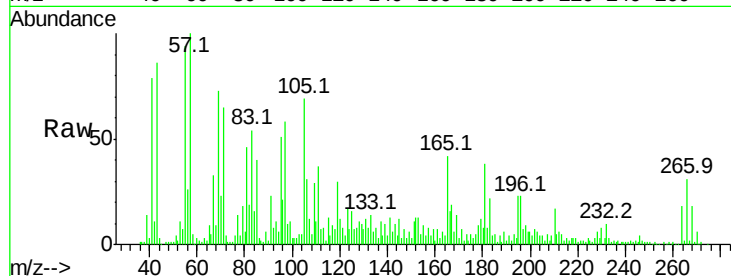
#69
 Pentachlorophenol
 Concen: 56.251 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Instrument :
 BNA_F
 ClientSampled :
 LB-4MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.1	51.1	76.7
264	59.8	49.5	74.3

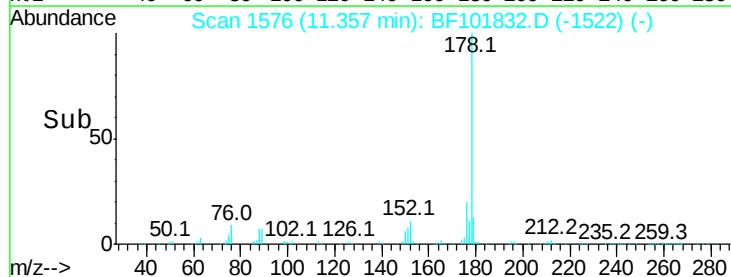
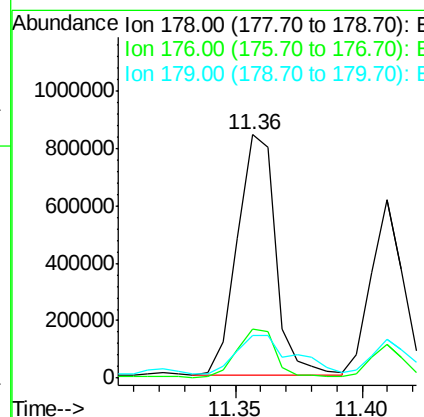
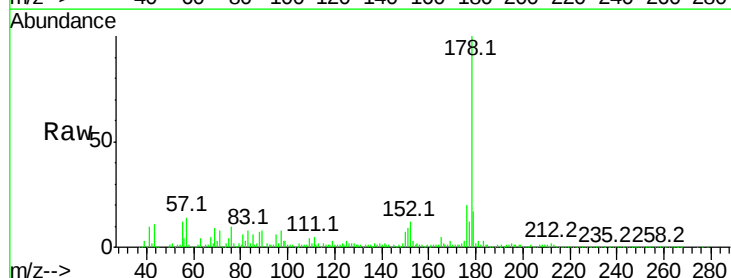
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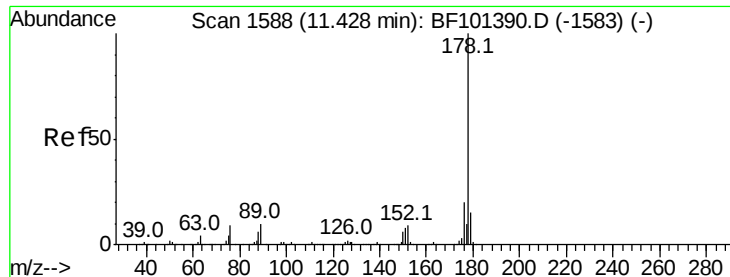
Sohil
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#70
 Phenanthrene
 Concen: 70.071 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	17.5	13.0	19.6





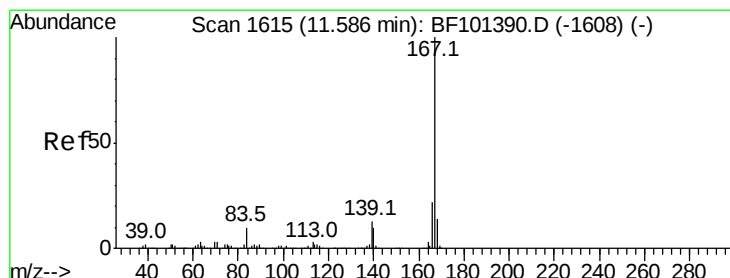
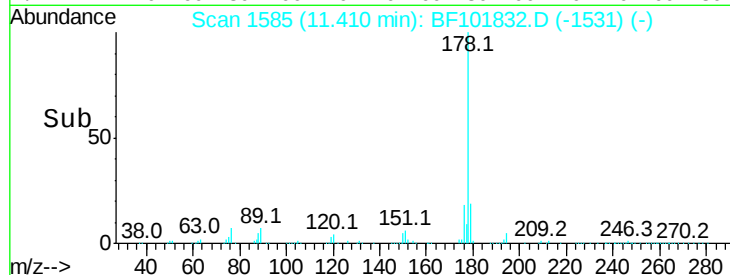
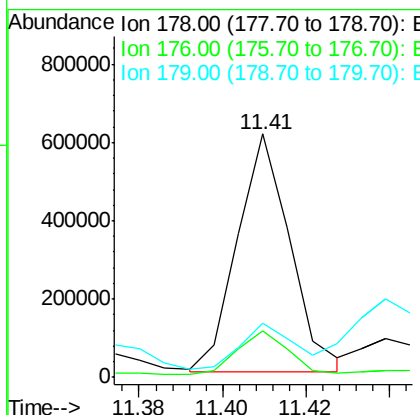
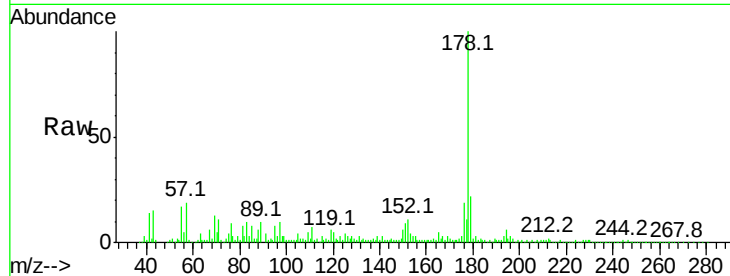
#71
 Anthracene
 Concen: 41.576 ng m
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.02 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LB-4MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	22.0	12.6	19.0

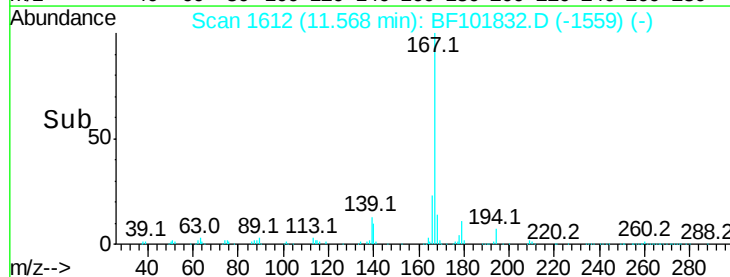
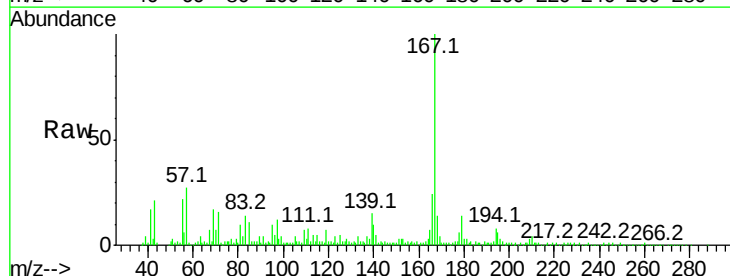
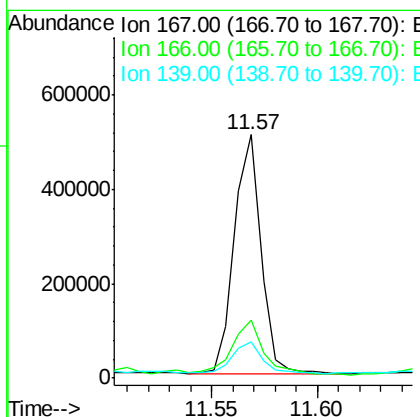
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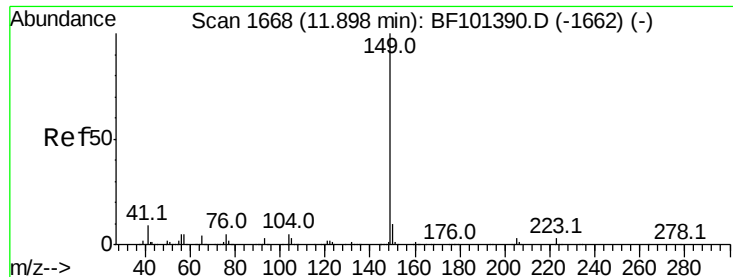
Sohil
 1/2/2018 1:05:05 PM



#72
 Carbazole
 Concen: 36.810 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.1	17.6	26.4
139	14.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.300 ng

RT: 11.87 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

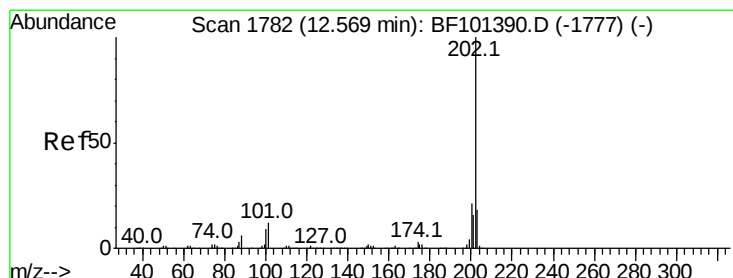
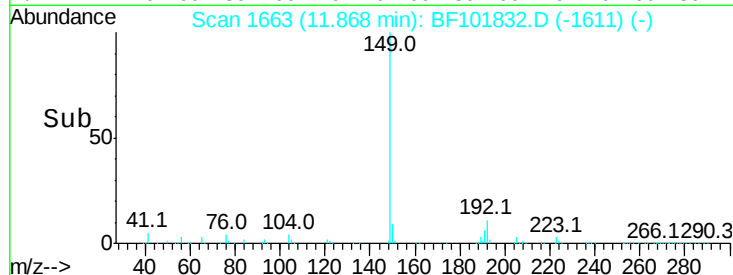
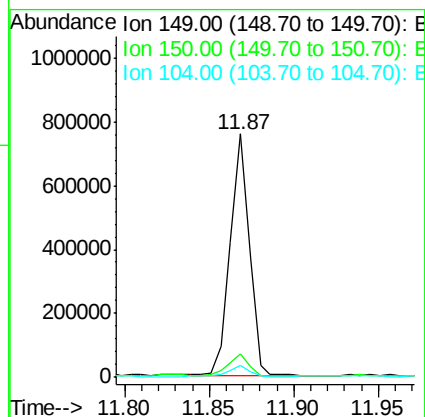
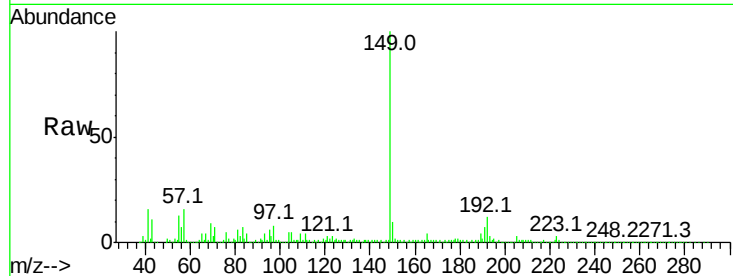
ClientSampled :

LB-4MS

Tot Ion:	149	Resp:	590318
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	4.8	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 45.113 ng

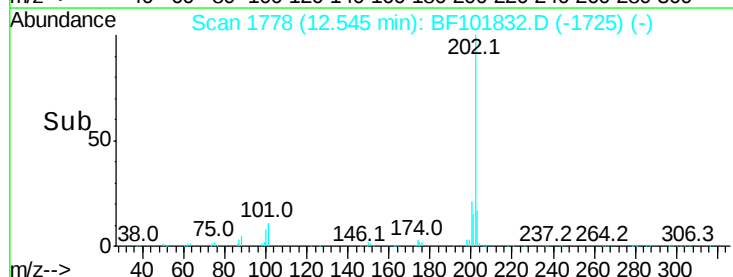
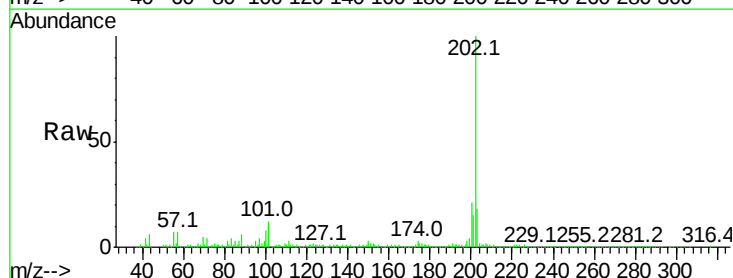
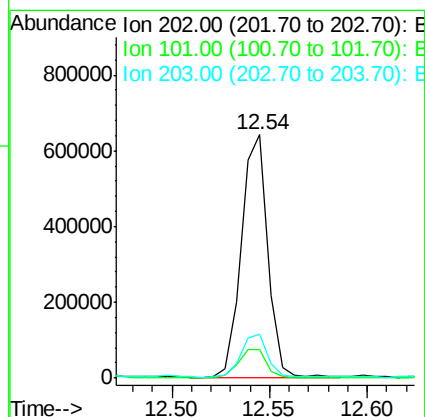
RT: 12.54 min Scan# 1778

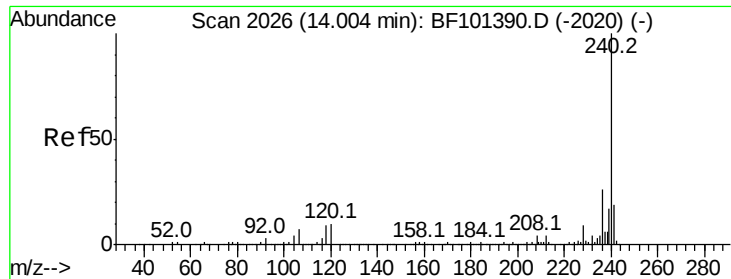
Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:	202	Resp:	597553
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	34.1
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

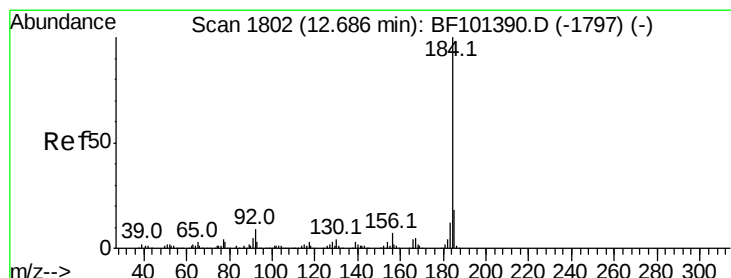
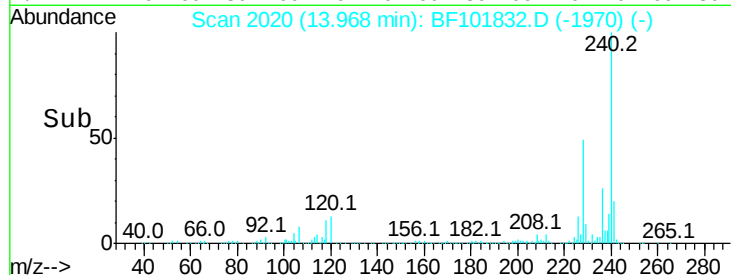
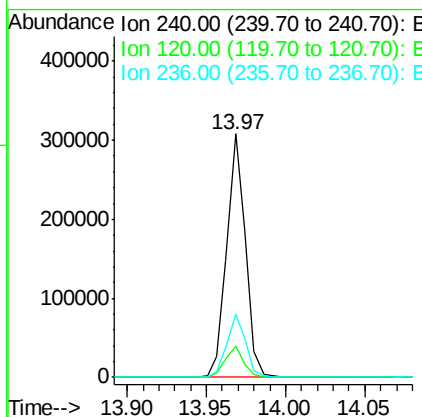
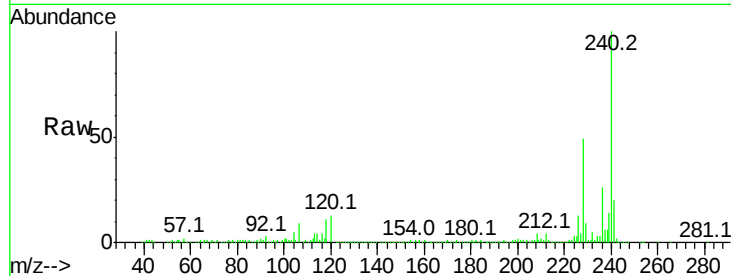
ClientSampleId :

LB-4MS

Tot Ion:	240	Resp:	251659
Ion Ratio	Lower	Upper	
240	100		
120	12.9	9.5	14.3
236	25.8	20.7	31.1

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#76

Benzidine

Concen: 25.754 ng

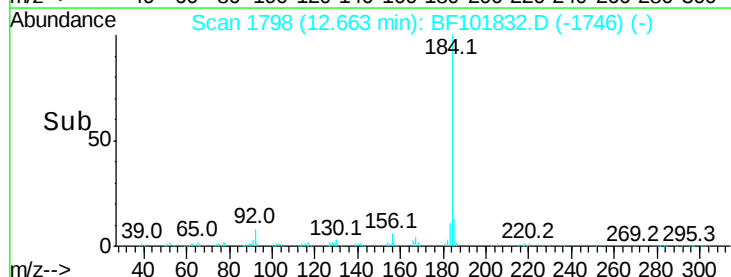
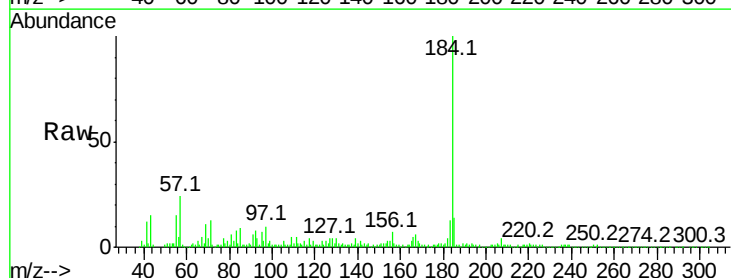
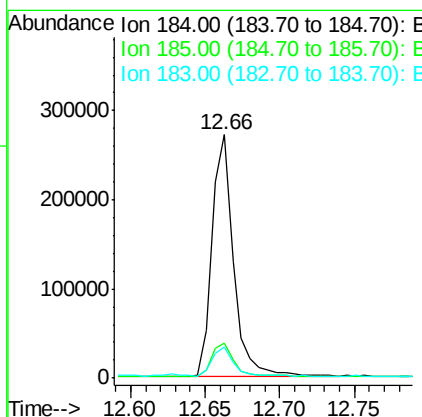
RT: 12.66 min Scan# 1798

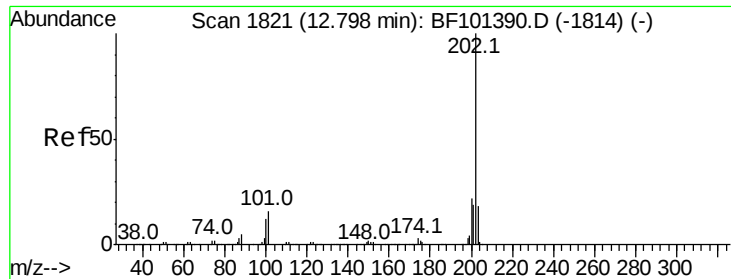
Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:	184	Resp:	273740
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.6	18.8
183	12.8	9.3	13.9





#77

Pvrene

Concen: 33.404 ng

RT: 12.77 min Scan# 1817

Delta R.T. 0.01 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Instrument :

BNA_F

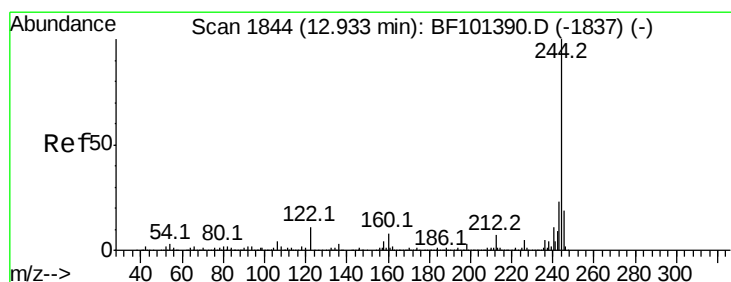
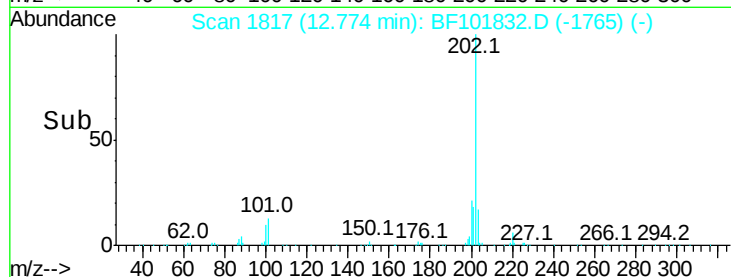
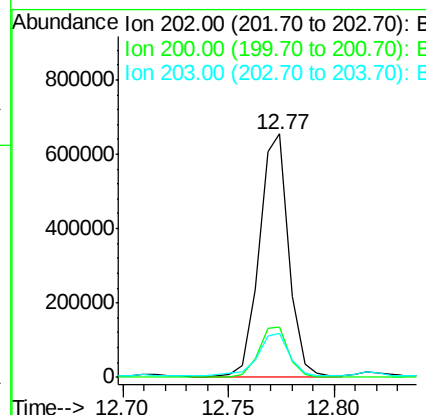
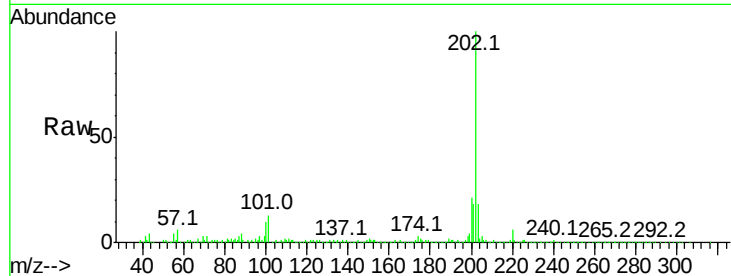
ClientSampleId :

LB-4MS

Tot Ion:	202	Resp:	630903
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.4	26.2
203	18.2	14.3	21.5

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#78

Terphenyl-d14

Concen: 81.392 ng

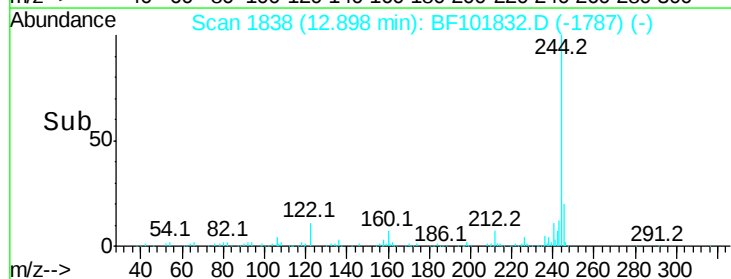
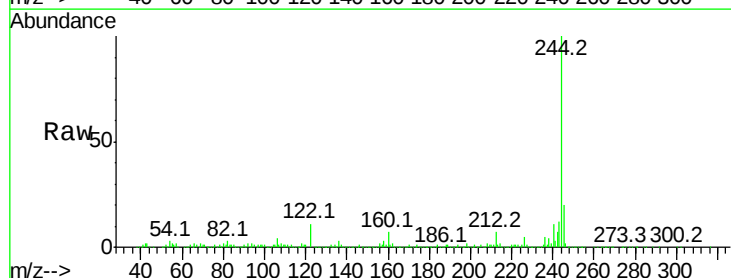
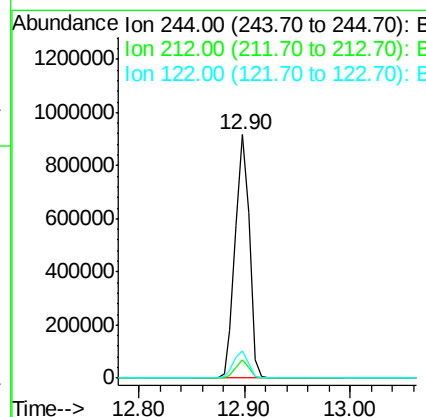
RT: 12.90 min Scan# 1838

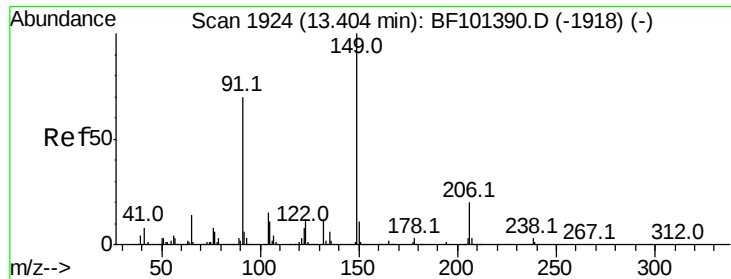
Delta R.T. -0.00 min

Lab File: BF101832.D

Acq: 29 Dec 2017 16:39

Tgt Ion:	244	Resp:	849643
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.4	8.0
122	11.4	11.0	16.4





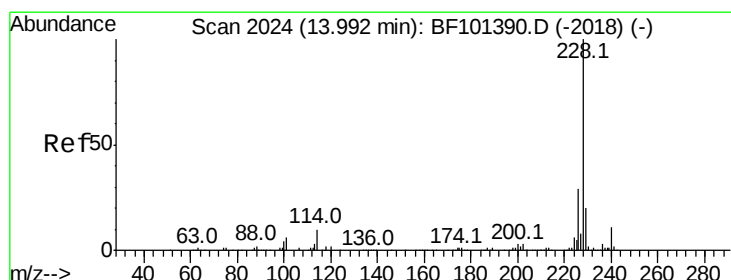
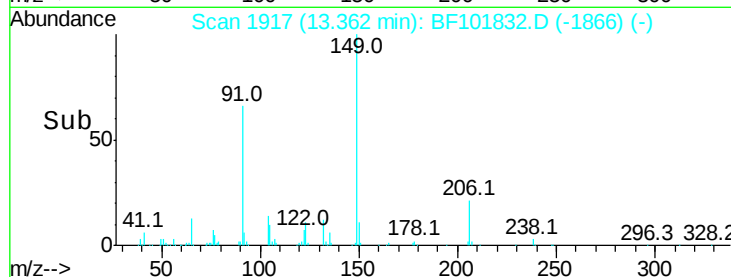
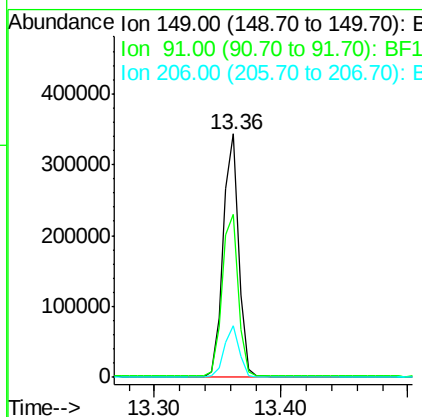
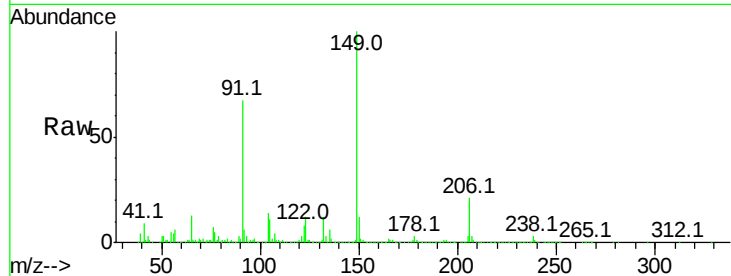
#79
Butylbenzylphthalate
Concen: 34.249 ng
RT: 13.36 min Scan# 1917
Delta R.T. 0.00 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampleId :
LB-4MS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	66.9	56.8	85.2
206	21.2	14.1	21.1

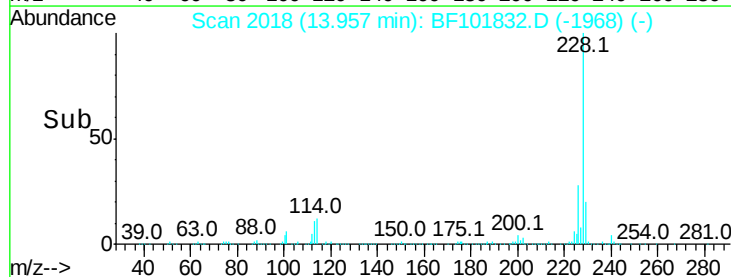
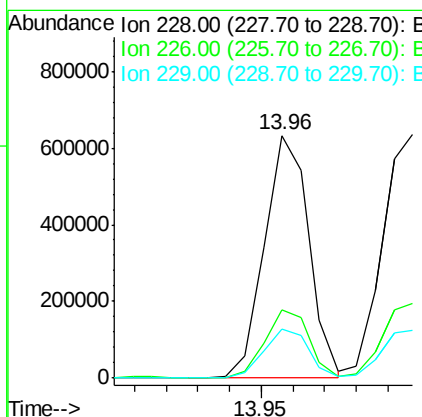
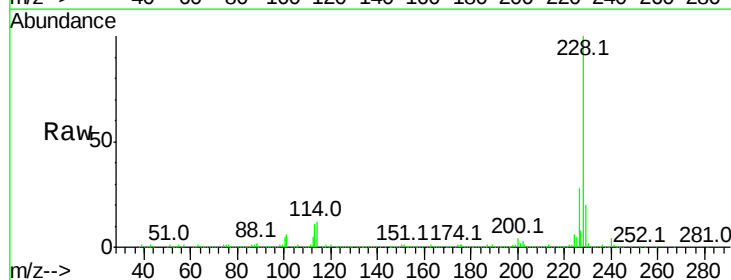
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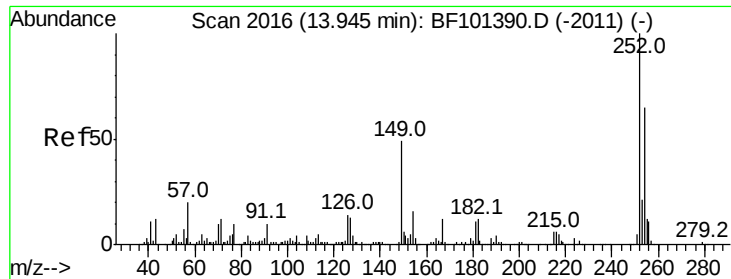
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#80
Benzo(a)anthracene
Concen: 37.082 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.2	22.6	33.8
229	20.2	15.8	23.6





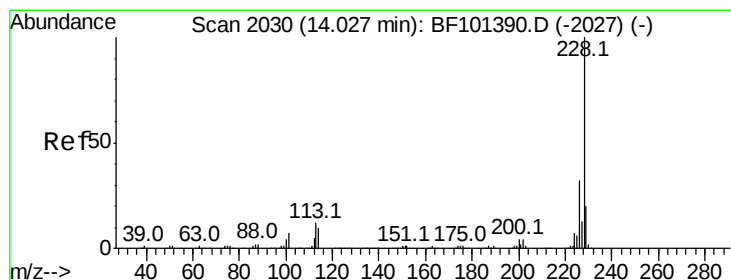
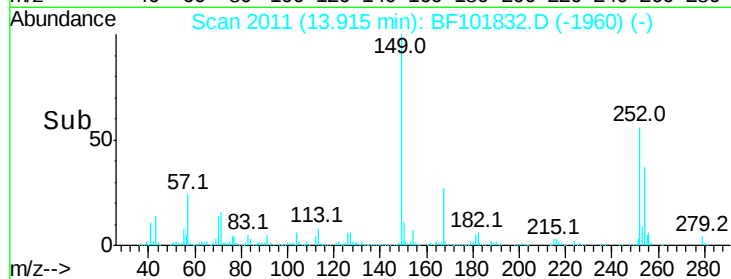
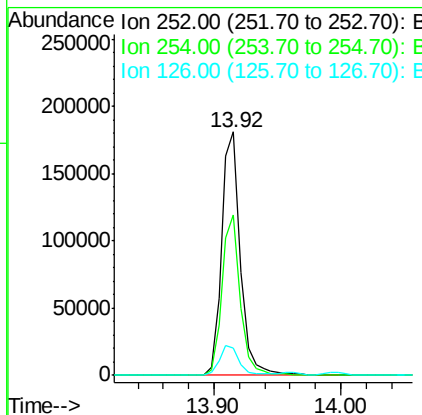
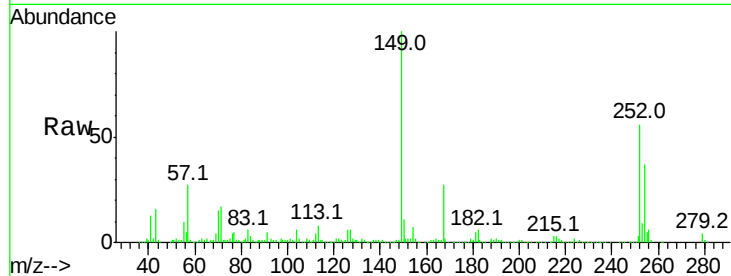
#81
 3,3'-Dichlorobenzidine
 Concen: 34.353 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Instrument :
 BNA_F
 ClientSampled :
 LB-4MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.0	50.4	75.6
126	11.4	11.3	16.9

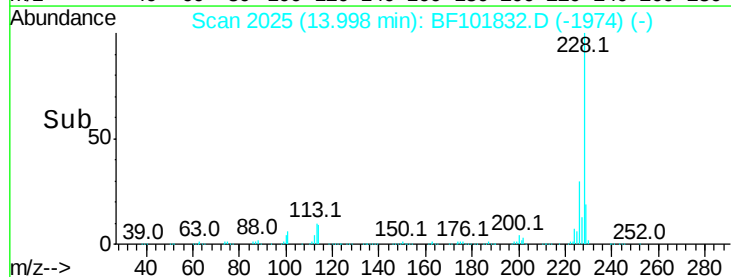
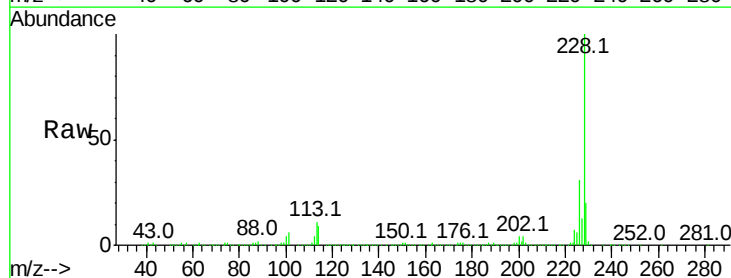
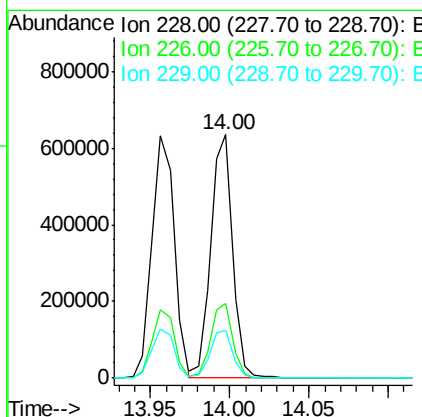
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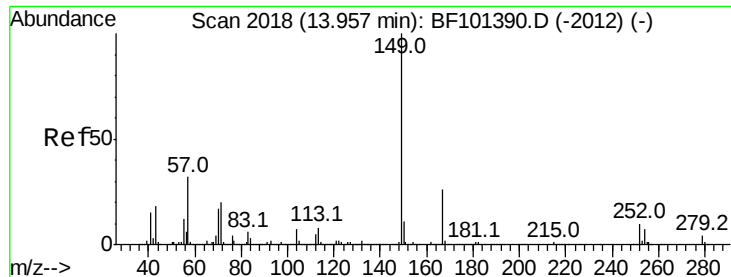
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#82
 Chrysene
 Concen: 38.669 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.6	16.2	24.4





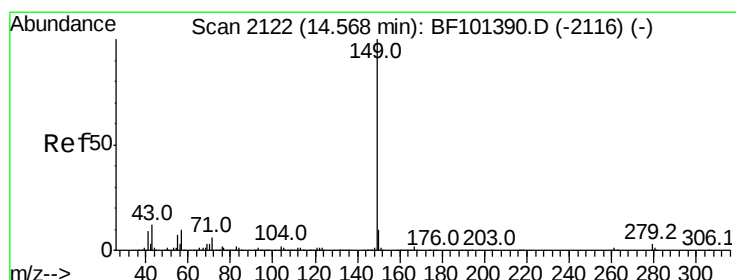
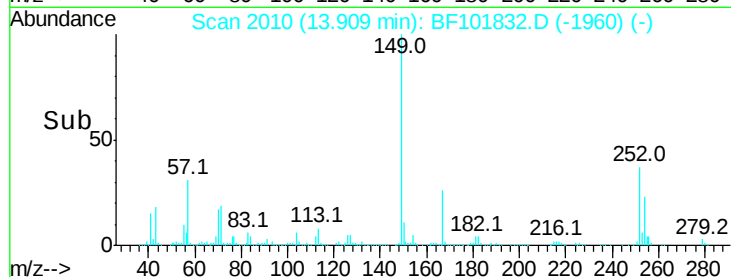
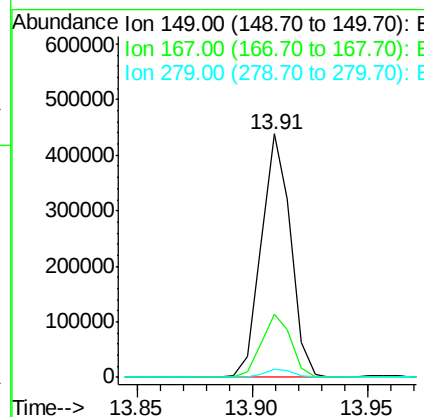
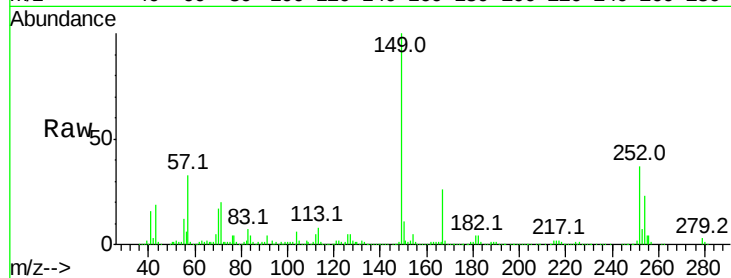
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.692 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. -0.01 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Instrument :
 BNA_F
 ClientSampleID :
 LB-4MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.0	21.3	31.9	
279	3.3	3.0	4.4	

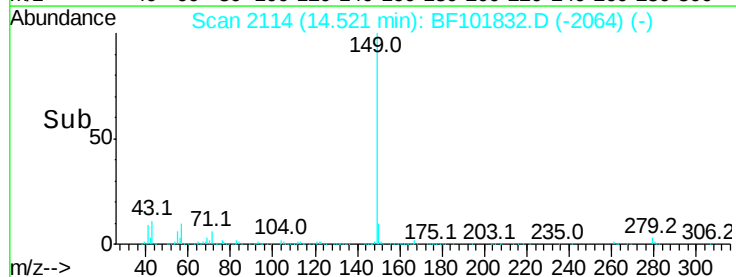
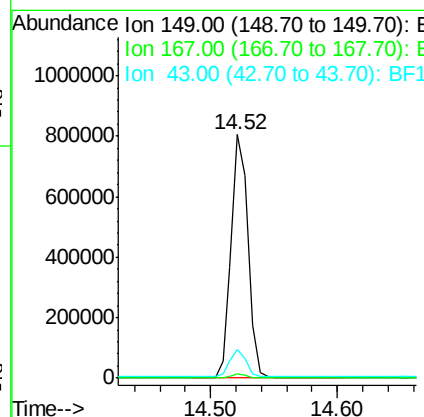
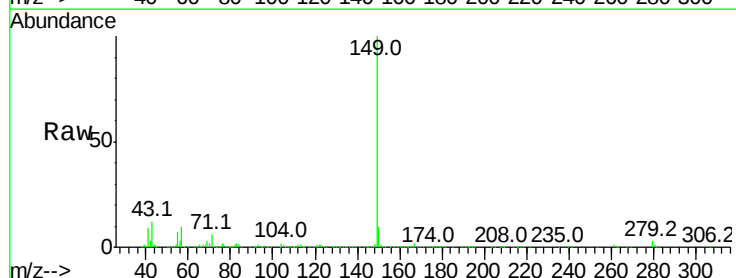
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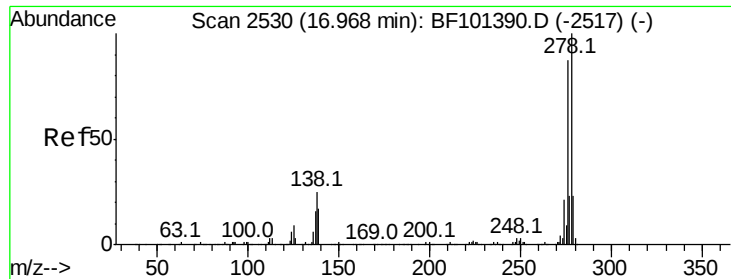
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#84
 Di-n-octyl phthalate
 Concen: 38.307 ng
 RT: 14.52 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	10.8	8.4	12.6	





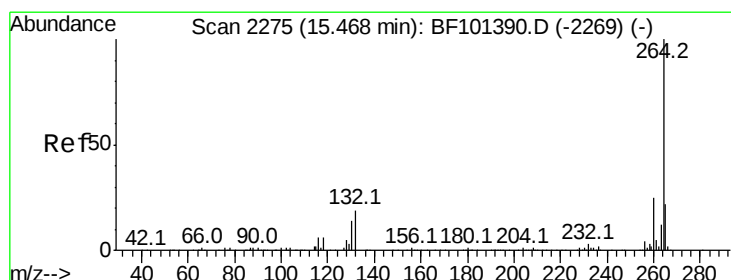
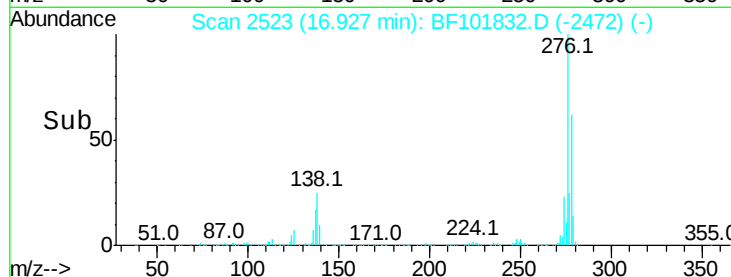
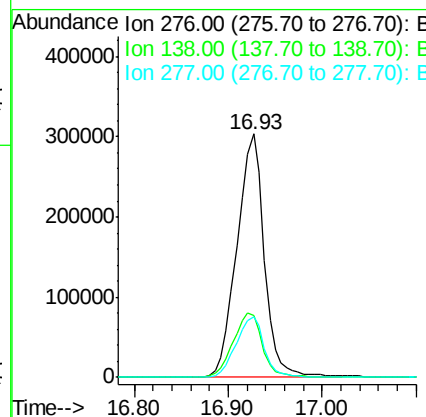
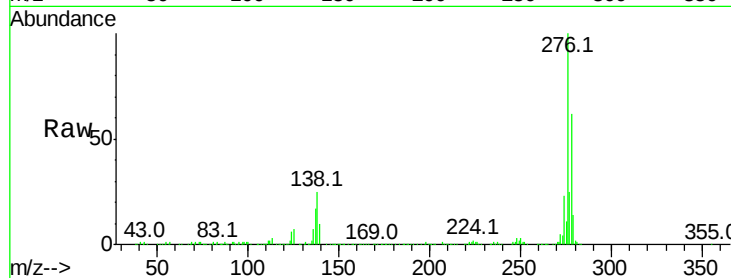
#85
Indeno(1,2,3-cd)pyrene
Concen: 44.021 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampleId :
LB-4MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.6	25.0	37.6
277	25.7	20.1	30.1

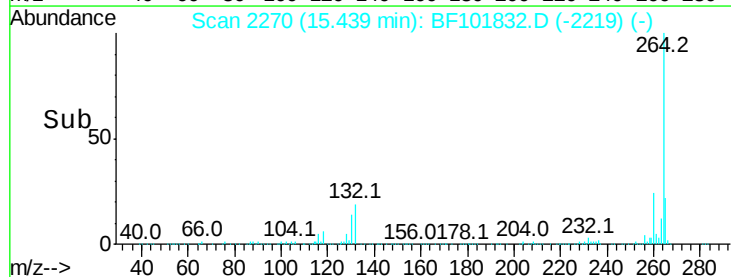
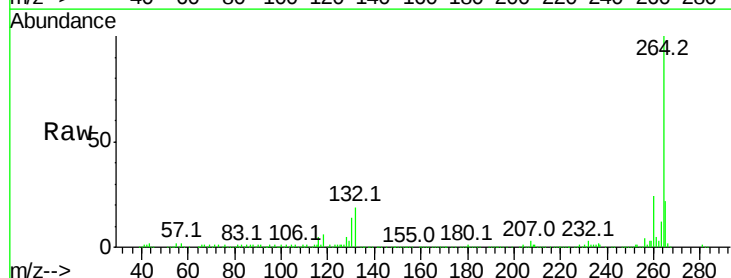
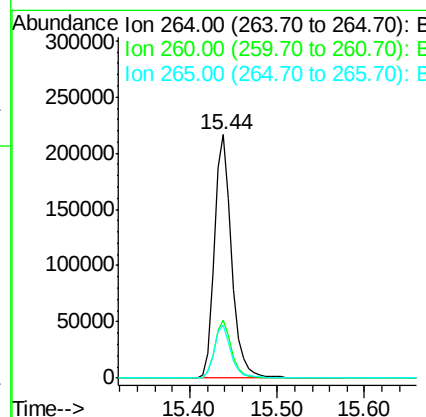
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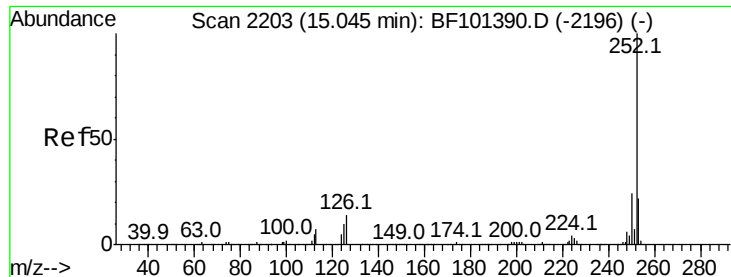
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	17.5	26.3





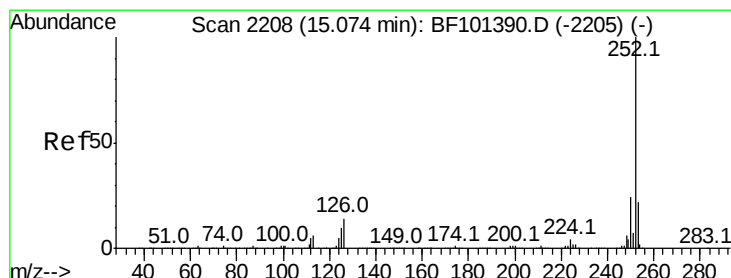
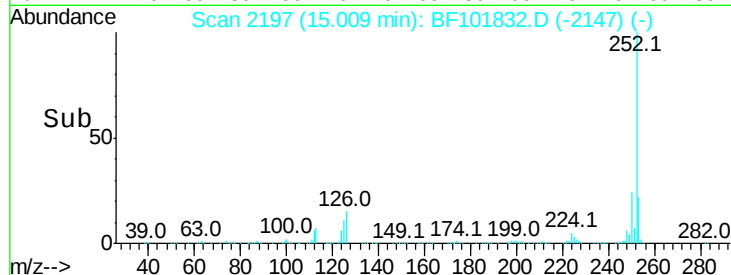
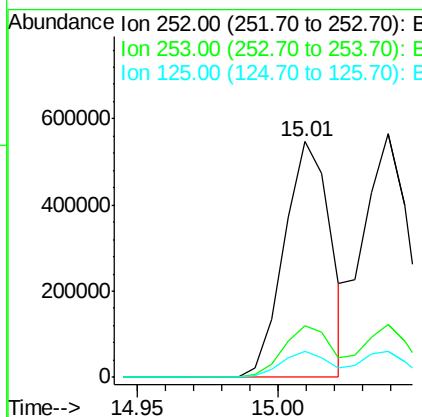
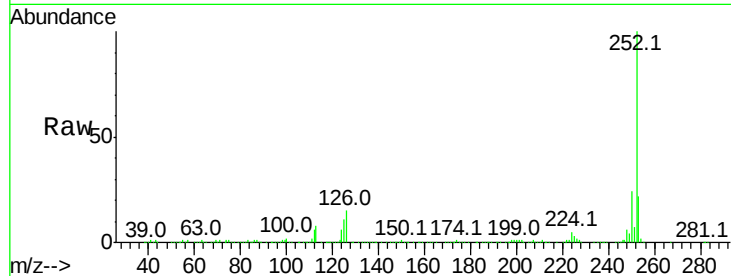
#87
Benzo(b)fluoranthene
Concen: 34.531 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampleId :
LB-4MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.0	25.6
125	11.2	9.0	13.6

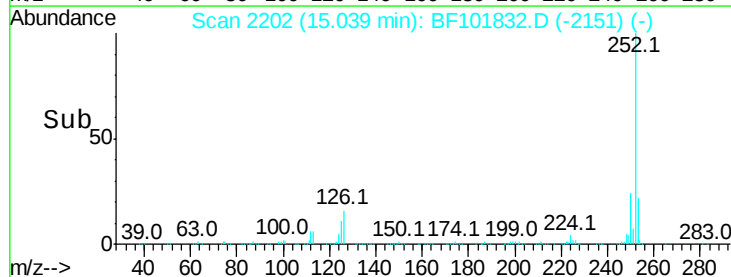
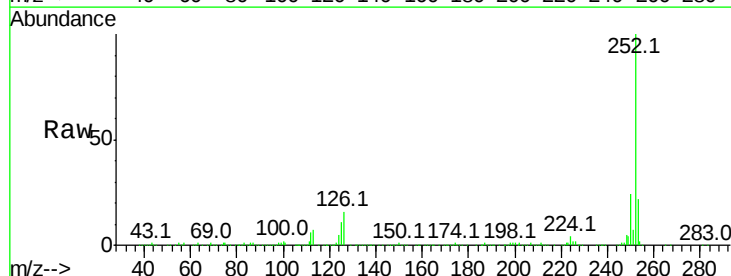
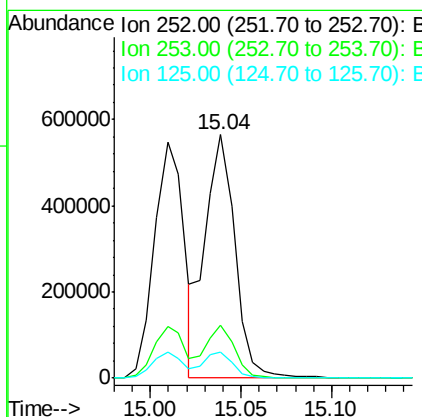
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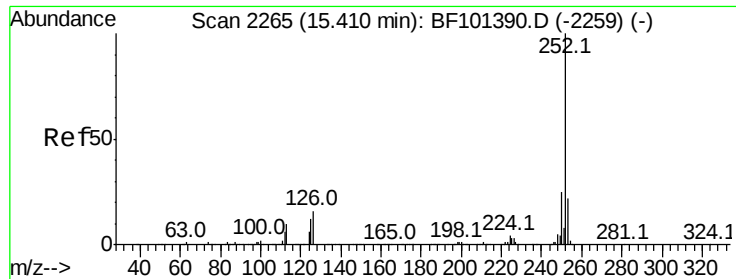
Sohil
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#88
Benzo(k)fluoranthene
Concen: 36.514 ng
RT: 15.04 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	21.5	17.9	26.9
125	10.9	10.2	15.2





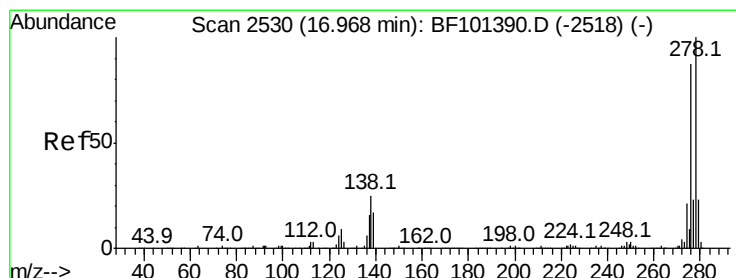
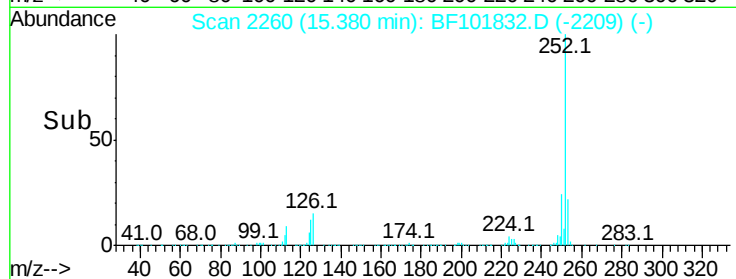
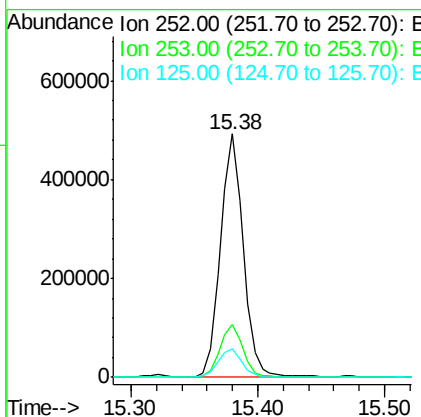
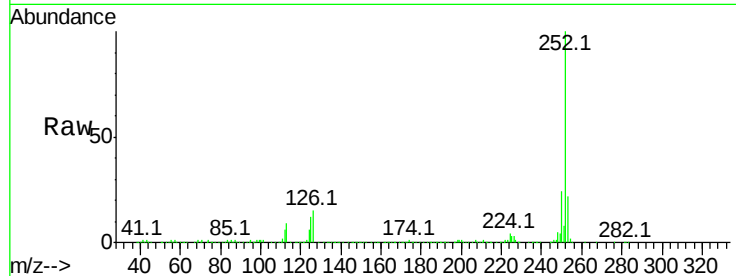
#89
Benzo(a)pyrene
Concen: 37.081 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Instrument :
BNA_F
ClientSampleId :
LB-4MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	11.8	9.8	14.6

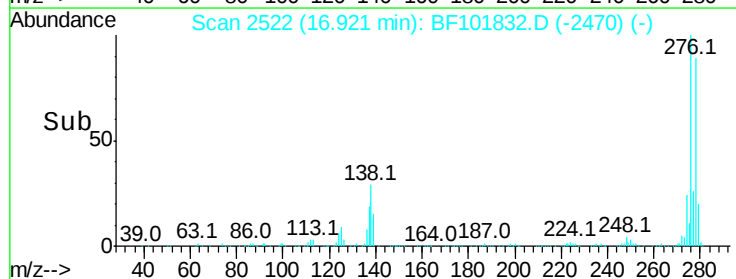
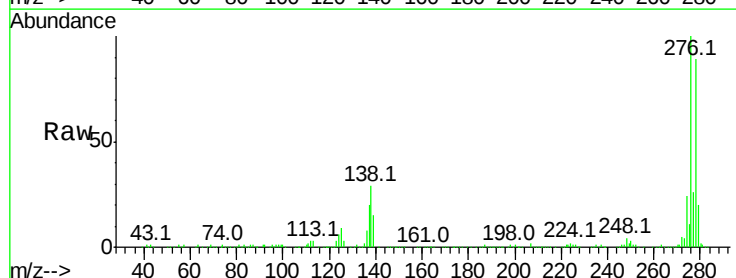
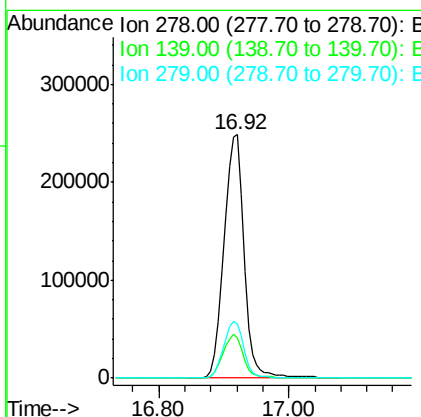
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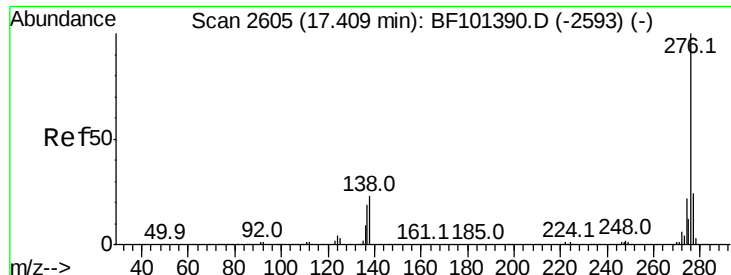
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 37.310 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF101832.D
Acq: 29 Dec 2017 16:39

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	15.9	23.9
279	22.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.931 ng
 RT: 17.37 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: BF101832.D
 Acq: 29 Dec 2017 16:39

Instrument :
 BNA_F
 ClientSampleId :
 LB-4MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.9	26.9
138	25.2	21.8	32.8

Manual Integrations
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