

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099383.D
 Acq On : 12 Oct 2017 10:03
 Operator : SJ/JU
 Sample : PB103152BSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BSD

Manual Integrations
 APPROVED

Sohil
 10/14/2017 1:03:04 PM

Quant Time: Oct 13 16:45:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	108027	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	447642	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	202874	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	337773	20.00	ng	0.00
75) Chrysene-d12	14.02	240	188703	20.00	ng	0.00
86) Perylene-d12	15.48	264	196871	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	570036	84.00	ng	0.02
7) Phenol-d6	6.49	99	690064	82.43	ng	0.00
23) Nitrobenzene-d5	7.42	82	592291	84.85	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	130911	78.86	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1088919	89.61	ng	0.00
78) Terphenyl-d14	12.96	244	826841	99.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	115230	35.547	ng	93
3) Pyridine	3.49	79	310627	35.423	ng	93
4) n-Nitrosodimethylamine	3.45	42	129170	34.736	ng	83
6) Aniline	6.52	93	334330	29.591	ng	99
8) 2-Chlorophenol	6.64	128	315966	41.115	ng	96
9) Benzaldehyde	6.40	77	108899	22.426	ng	95
10) Phenol	6.50	94	393662	42.047	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	289653	39.796	ng	97
12) 1,3-Dichlorobenzene	6.79	146	331701	41.214	ng	98
13) 1,4-Dichlorobenzene	6.87	146	333357	40.710	ng	99
14) 1,2-Dichlorobenzene	7.02	146	308082	40.718	ng	98
15) Benzyl Alcohol	7.00	79	237655	38.698	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	402040	35.454	ng	93
17) 2-Methylphenol	7.11	107	254294	40.441	ng	99
18) Hexachloroethane	7.36	117	114365	38.856	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	189926	35.535	ng	93
20) 3+4-Methylphenols	7.26	107	305525	38.408	ng	# 74
22) Acetophenone	7.26	105	404596	37.305	ng	# 95
24) Nitrobenzene	7.44	77	308190	38.922	ng	95
25) Isophorone	7.67	82	564560	39.120	ng	99
26) 2-Nitrophenol	7.75	139	167292	43.936	ng	91
27) 2,4-Dimethylphenol	7.79	122	274469	38.169	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	362567	40.314	ng	99
29) 2,4-Dichlorophenol	7.99	162	260261	42.155	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	269242	43.603	ng	96
31) Naphthalene	8.16	128	874417	41.591	ng	100
32) Benzoic acid	7.92	122	119197	20.180	ng	97
33) 4-Chloroaniline	8.20	127	216788	24.692	ng	97
34) Hexachlorobutadiene	8.27	225	127727	40.160	ng	98
35) Caprolactam	8.59	113	86104m	43.478	ng	
36) 4-Chloro-3-methylphenol	8.69	107	269009	38.766	ng	94
37) 2-Methylnaphthalene	8.85	142	603806	44.179	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	239912	39.653	ng	98
40) Hexachlorocyclopentadiene	9.00	237	99916	36.136	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.13	196	166507	38.847	ng	100
43) 2,4,5-Trichlorophenol	9.17	196	172189	40.243	ng	# 93
45) 1,1'-Biphenyl	9.31	154	694660	39.841	ng	99
46) 2-Chloronaphthalene	9.34	162	545733	41.687	ng	97
47) 2-Nitroaniline	9.44	65	158971	39.658	ng	91
48) Acenaphthylene	9.76	152	824383	41.136	ng	99
49) Dimethylphthalate	9.61	163	642861	41.985	ng	99
50) 2,6-Dinitrotoluene	9.68	165	142907	42.870	ng	86
51) Acenaphthene	9.93	154	481917	37.962	ng	98
52) 3-Nitroaniline	9.85	138	126458	32.535	ng	88
53) 2,4-Dinitrophenol	9.96	184	30654	22.204	ng	88
54) Dibenzofuran	10.10	168	728134	43.079	ng	99
55) 4-Nitrophenol	10.02	139	183273	55.764	ng	90
56) 2,4-Dinitrotoluene	10.09	165	182018	42.073	ng	90
57) Fluorene	10.44	166	570885	42.022	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	114545	38.754	ng	98
59) Diethylphthalate	10.31	149	605138	40.445	ng	98
60) 4-Chlorophenyl-phenylether	10.43	204	257293	42.161	ng	96
61) 4-Nitroaniline	10.47	138	152289	40.612	ng	85
62) Azobenzene	10.59	77	552735	40.178	ng	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	30384	14.785	ng	92
65) n-Nitrosodiphenylamine	10.55	169	511755	43.734	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	150046	45.383	ng	99
67) Hexachlorobenzene	10.99	284	147200	41.685	ng	97
68) Atrazine	11.07	200	155320	44.117	ng	98
69) Pentachlorophenol	11.19	266	111210	50.603	ng	98
70) Phenanthrene	11.40	178	773343	42.773	ng	99
71) Anthracene	11.46	178	790965	42.756	ng	99
72) Carbazole	11.61	167	713983	39.412	ng	100
73) Di-n-butylphthalate	11.93	149	919391	42.163	ng	100
74) Fluoranthene	12.59	202	682705	37.290	ng	97
76) Benzidine	12.71	184	322898	46.264	ng	98
77) Pyrene	12.82	202	680131	47.266	ng	100
79) Butylbenzylphthalate	13.43	149	316251	46.764	ng	91
80) Benzo(a)anthracene	14.00	228	502042	43.937	ng	100
81) 3,3'-Dichlorobenzidine	13.96	252	160542	38.327	ng	96
82) Chrysene	14.04	228	483110	44.410	ng	98
83) Bis(2-ethylhexyl)phthalate	13.98	149	413521	44.408	ng	98
84) Di-n-octyl phthalate	14.59	149	638229	42.566	ng	96
85) Indeno(1,2,3-cd)pyrene	16.97	276	499724	57.425	ng	97
87) Benzo(b)fluoranthene	15.06	252	493194	40.745	ng	97
88) Benzo(k)fluoranthene	15.09	252	470590	39.362	ng	99
89) Benzo(a)pyrene	15.42	252	484234	43.582	ng	# 96
90) Dibenzo(a,h)anthracene	16.98	278	414868	46.656	ng	98
91) Benzo(g,h,i)perylene	17.42	276	404575	46.029	ng	96

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

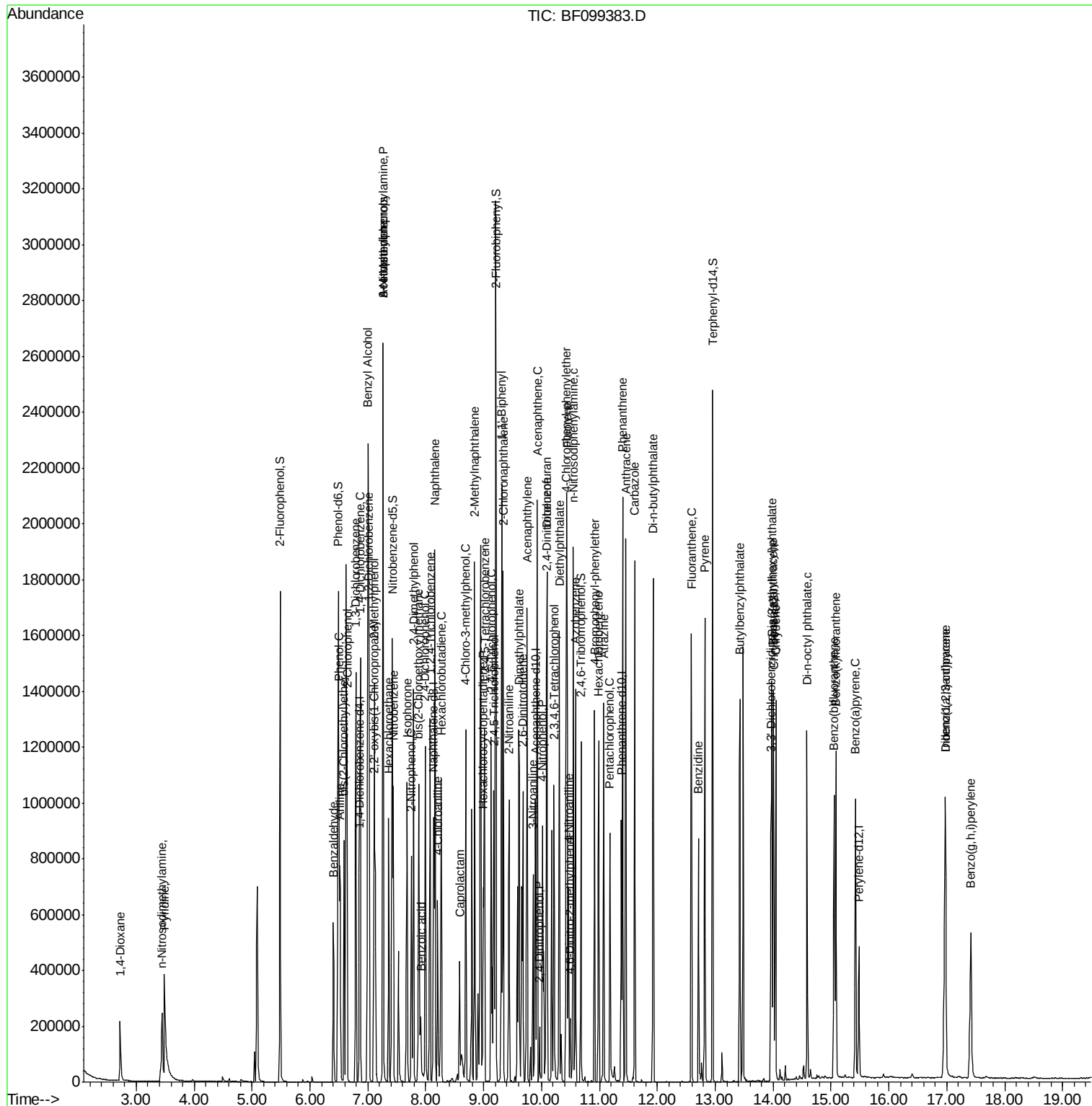
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101117\
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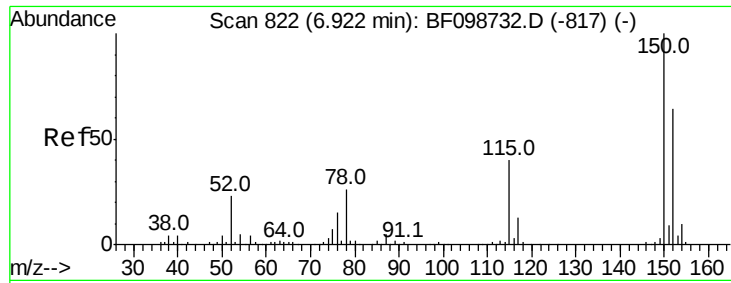
Instrument :
BNA_F
ClientSampleId :
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#1

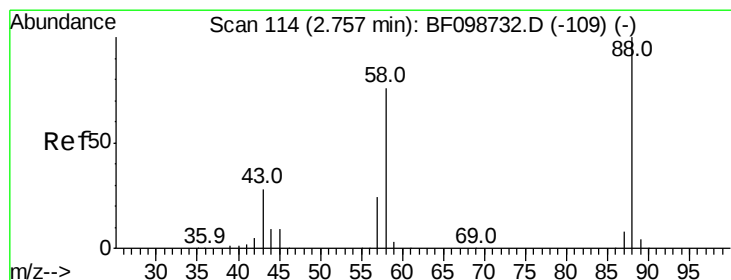
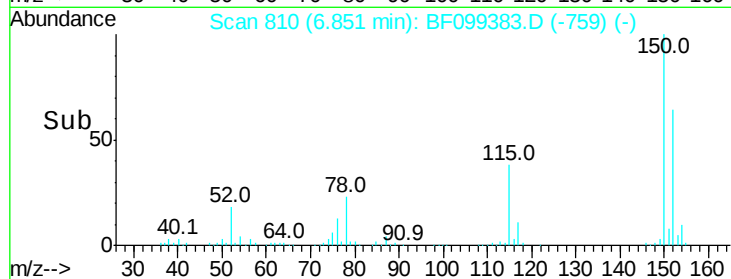
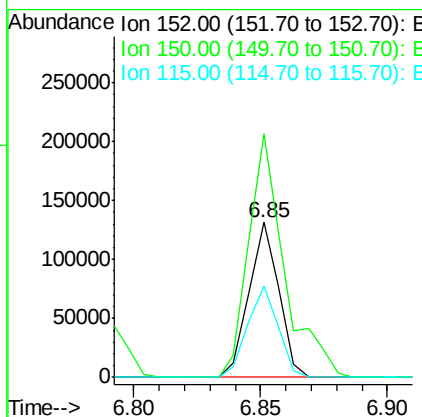
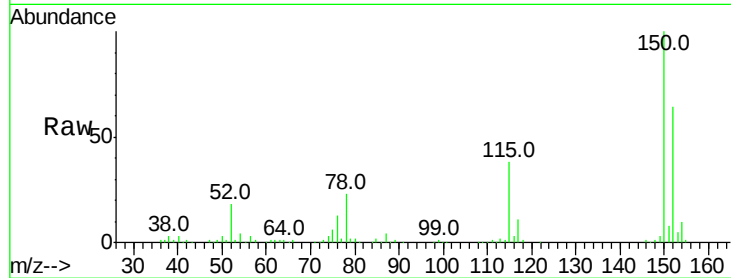
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	59.1	50.1	75.1

Manual Integrations
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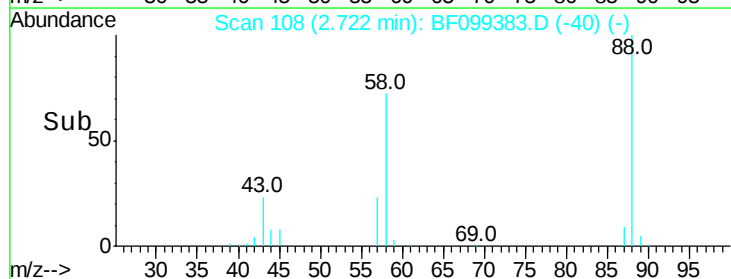
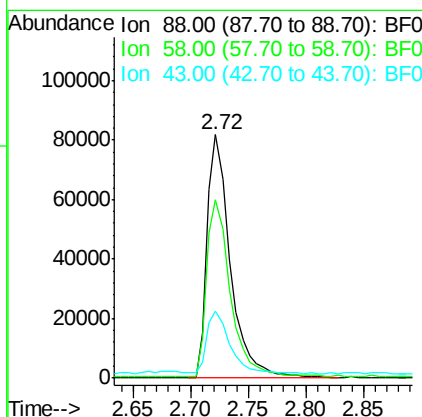
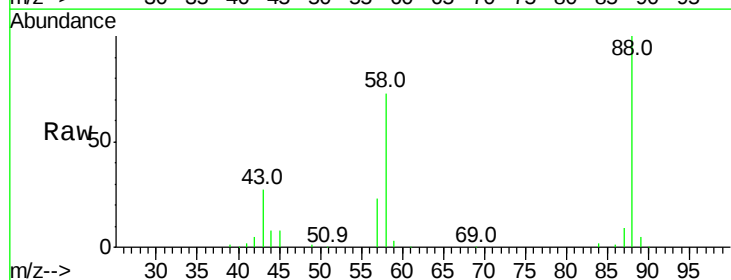
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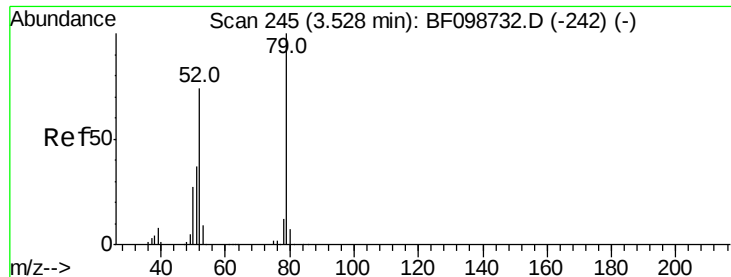


#2

1,4-Dioxane
Concen: 35.547 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.10 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	62.6	93.8
43	25.3	24.6	37.0





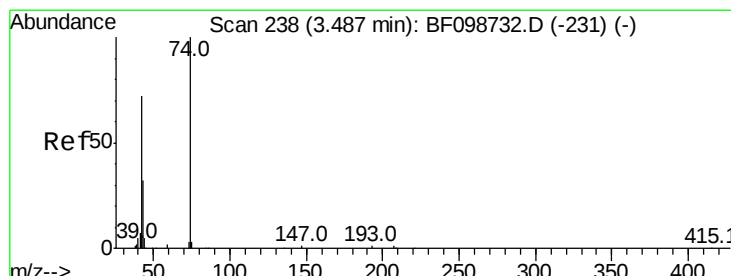
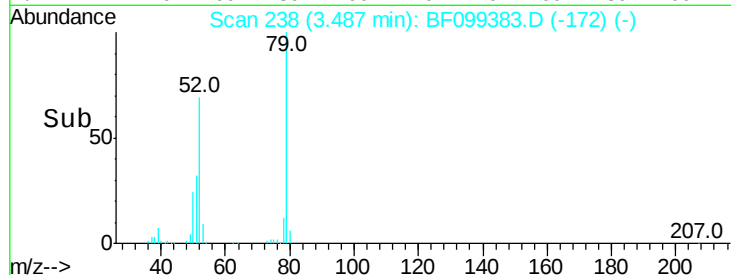
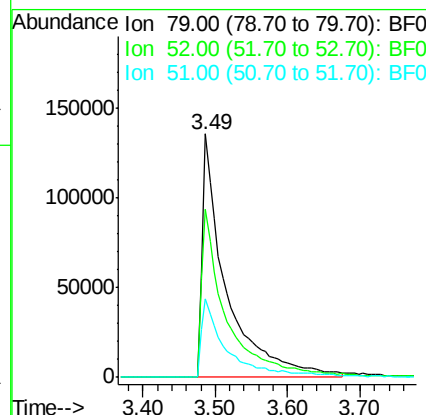
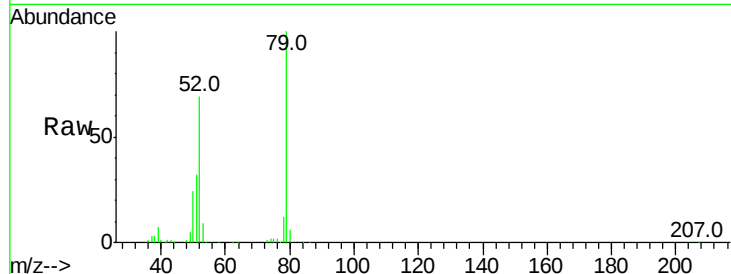
#3
 Pvridine
 Concen: 35.423 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.09 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	310627		
52	52	69.1		59.8	89.6
51	51	32.1		29.8	44.8

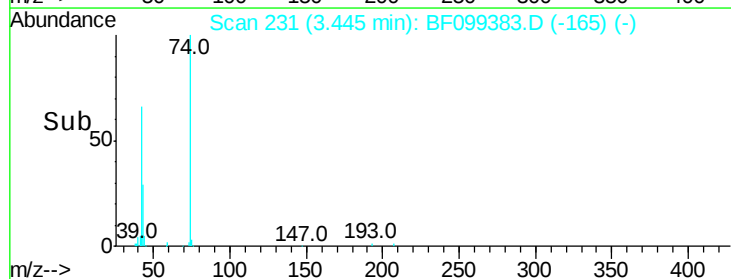
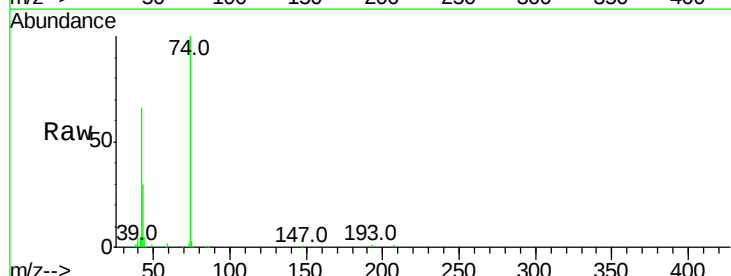
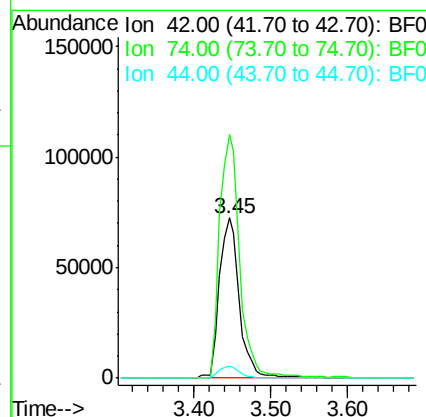
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#4
 n-Nitrosodimethylamine
 Concen: 34.736 ng
 RT: 3.45 min Scan# 231
 Delta R.T. 0.09 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	129170		
74	74	152.4		104.9	157.3
44	44	7.5		6.9	10.3





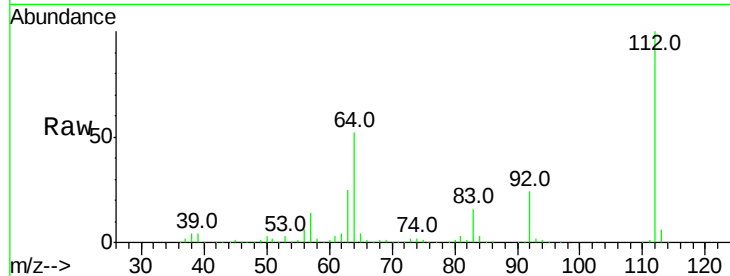
#5
2-Fluorophenol
Concen: 84.001 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

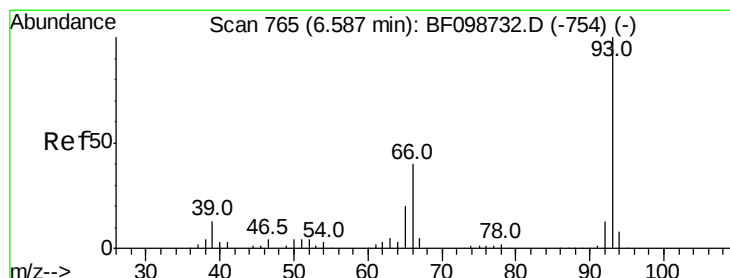
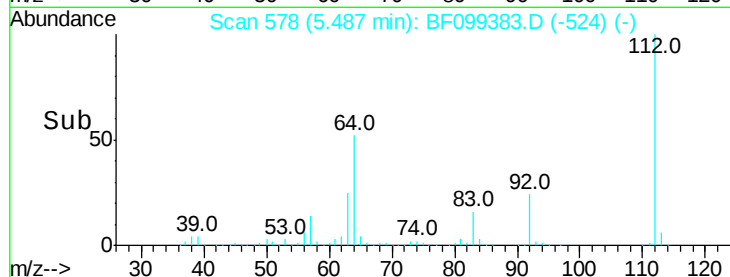
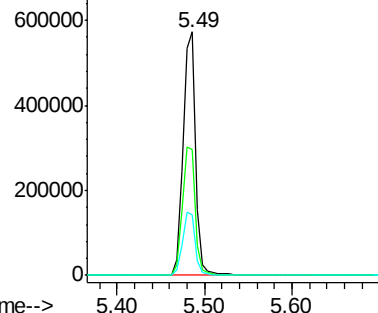
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	51.8	47.9	71.9
63	25.1	23.7	35.5

Manual Integrations
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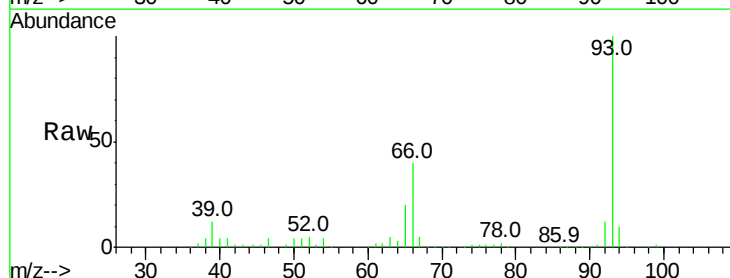


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0

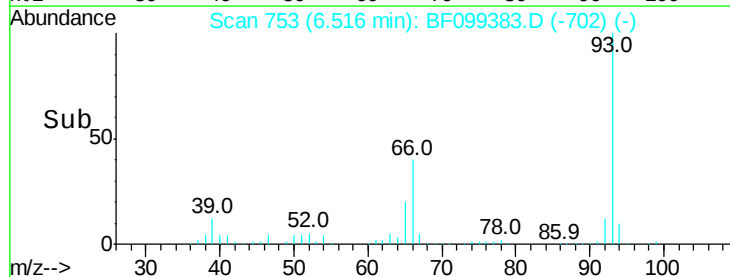
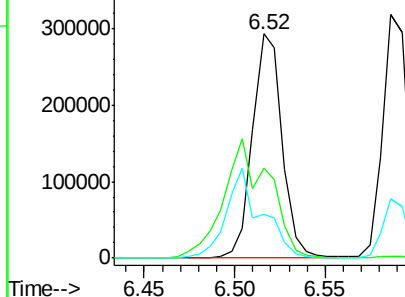


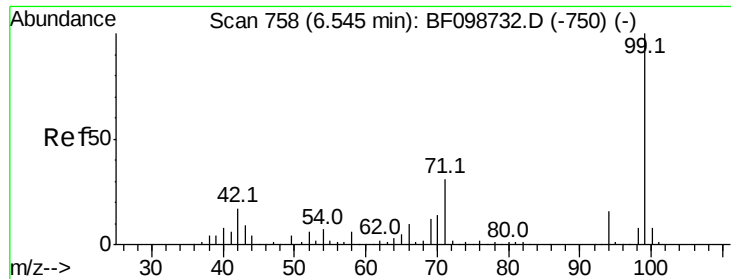
#6
Aniline
Concen: 29.591 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	40.4	32.2	48.2
65	19.6	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 82.432 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

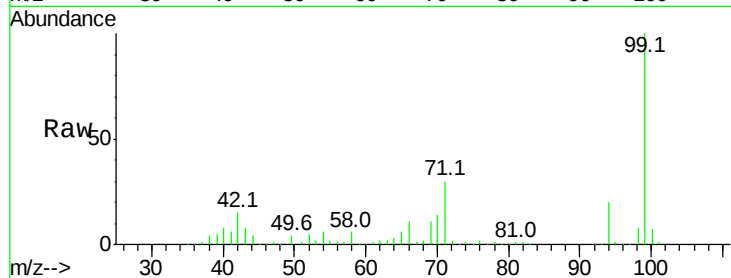
ClientSampleId :

PB103152BSD

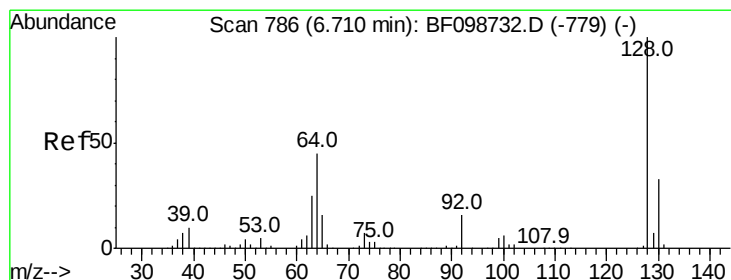
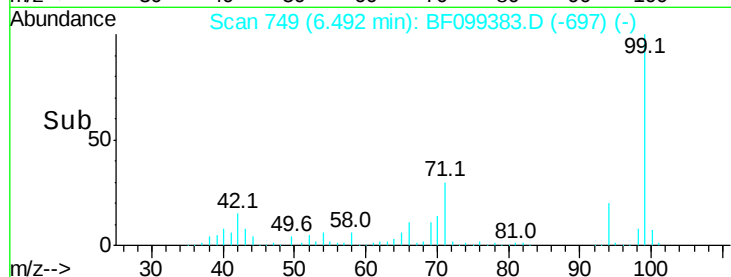
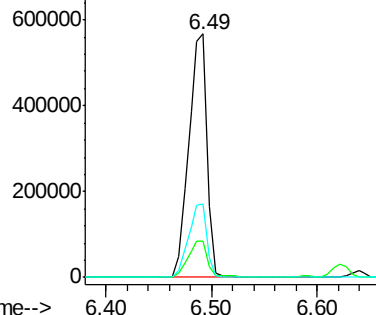
Tot Ion:	99	Resp:	690064
Ion Ratio	Lower	Upper	
99	100		
42	15.1	14.5	21.7
71	30.3	25.4	38.0

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.115 ng

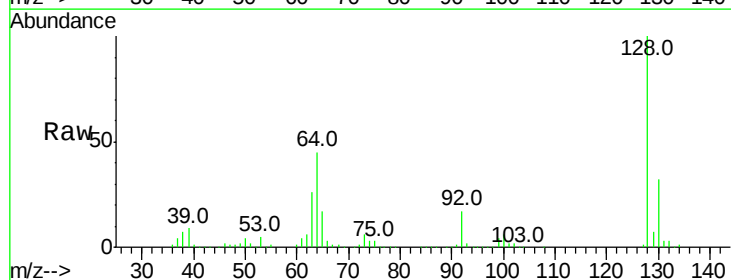
RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

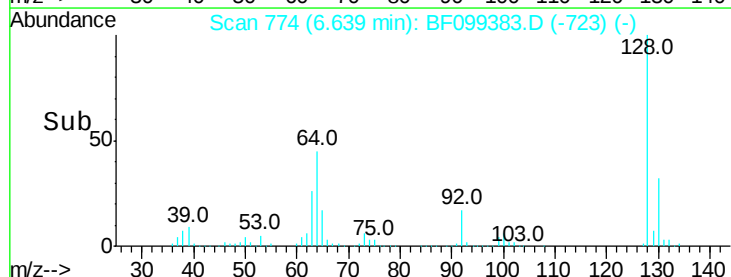
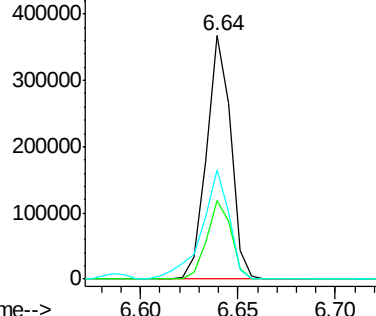
Lab File: BF099383.D

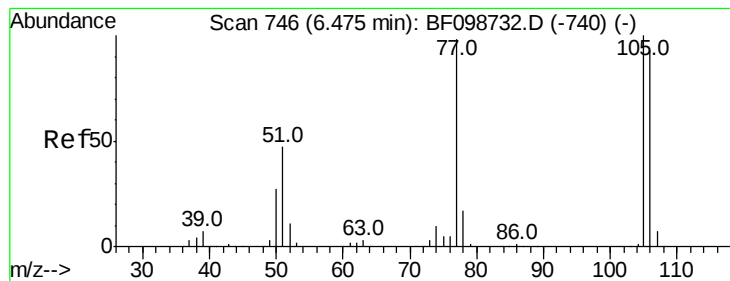
Acq: 12 Oct 2017 10:03

Tgt Ion:	128	Resp:	315966
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.0	53.0
64	45.0	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): BF0





#9

Benzaldehyde

Concen: 22.426 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

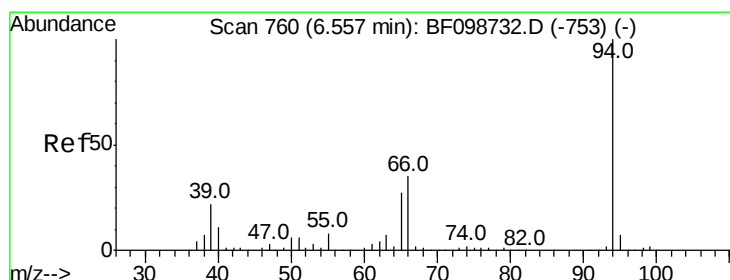
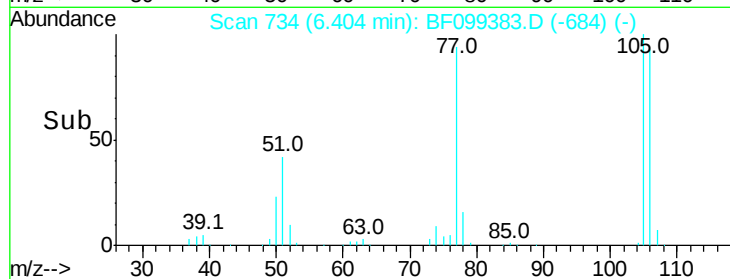
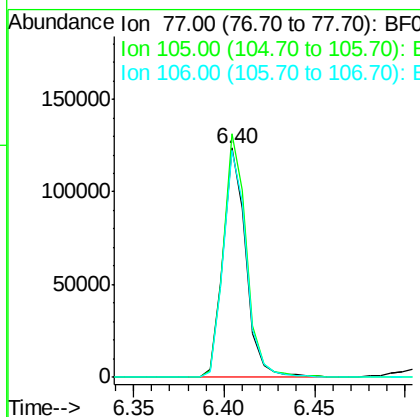
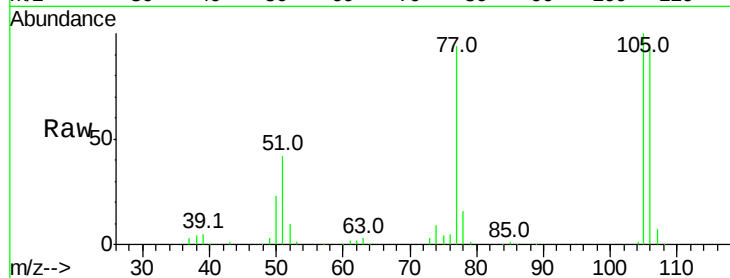
ClientSampleId :

PB103152BSD

Tot Ion:	77	Resp:	108899
Ion	Ratio	Lower	Upper
77	100		
105	106.3	81.1	121.1
106	98.9	74.5	114.5

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#10

Phenol

Concen: 42.047 ng

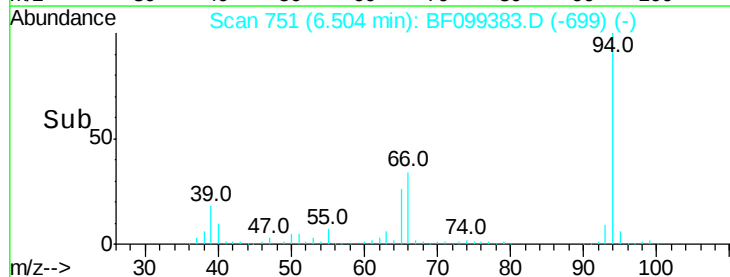
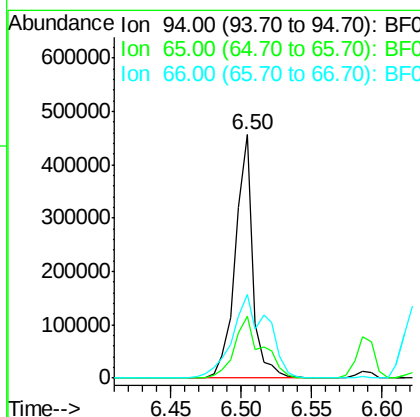
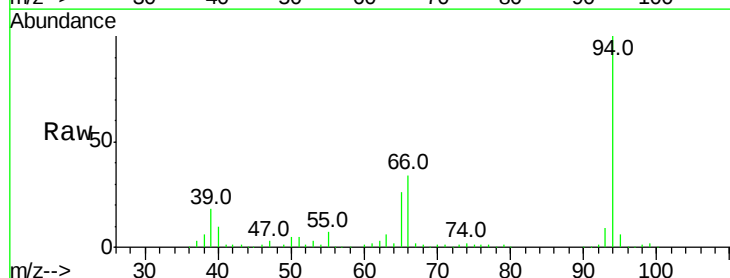
RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Tgt Ion:	94	Resp:	393662
Ion	Ratio	Lower	Upper
94	100		
65	25.6	7.9	47.9
66	34.1	16.2	56.2





#11

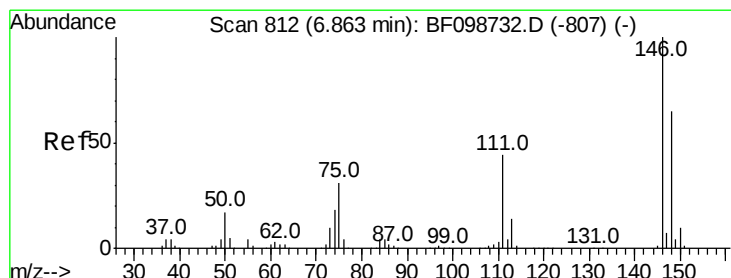
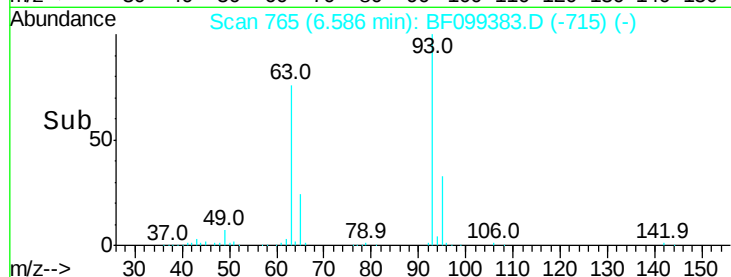
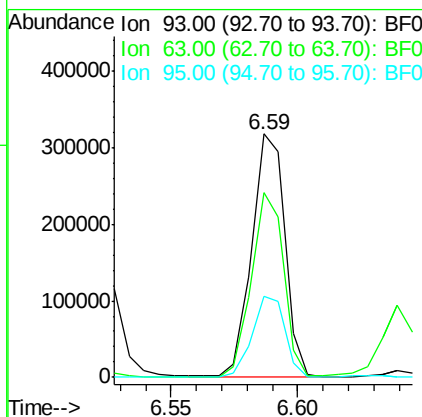
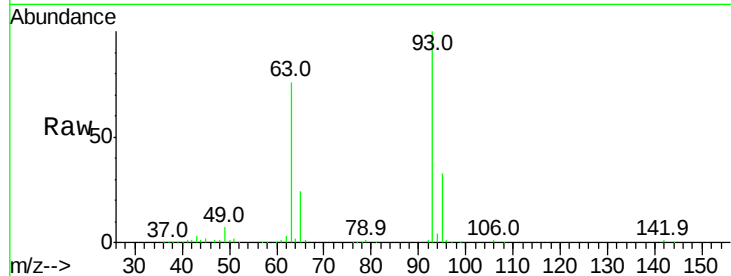
bis(2-Chloroethyl)ether
Concen: 39.796 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	93	Resp	289653
Ion Ratio	100	Lower	Upper
93	100		
63	76.1	58.6	98.6
95	33.1	11.8	51.8

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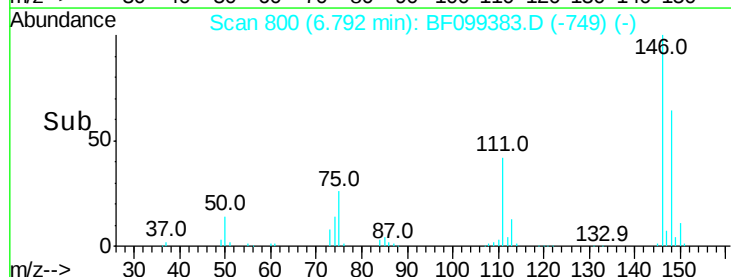
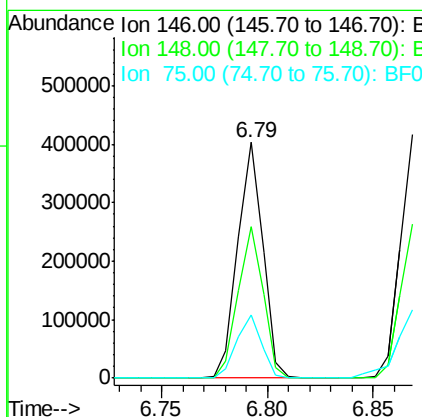
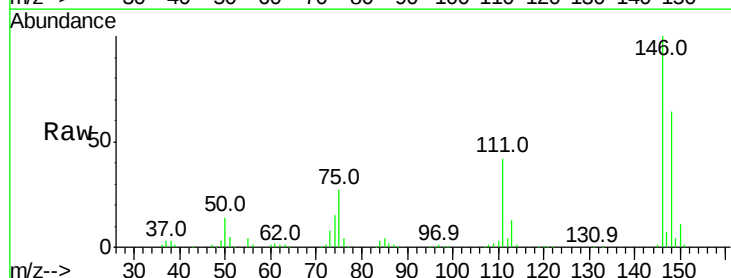
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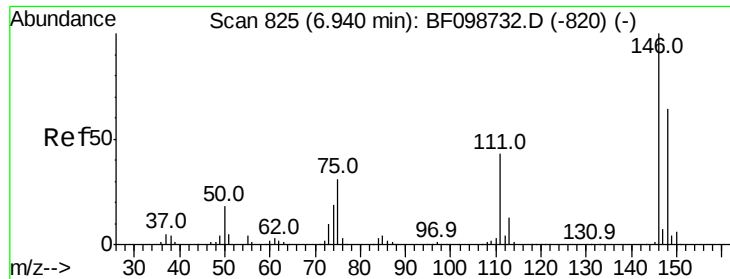


#12

1,3-Dichlorobenzene
Concen: 41.214 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	146	Resp	331701
Ion Ratio	100	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	26.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 40.710 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

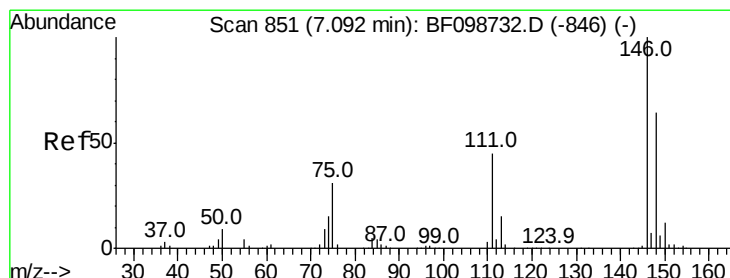
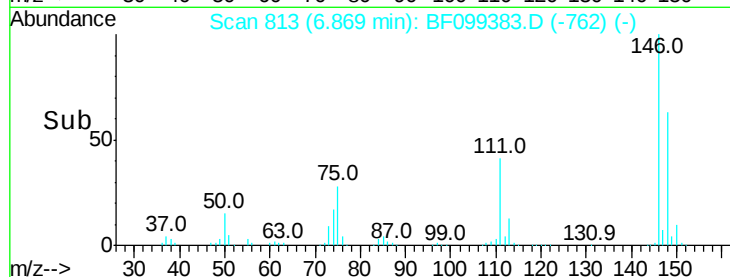
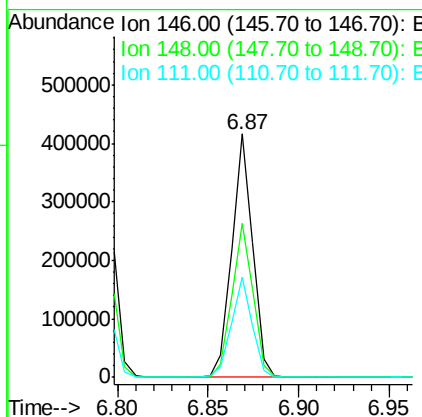
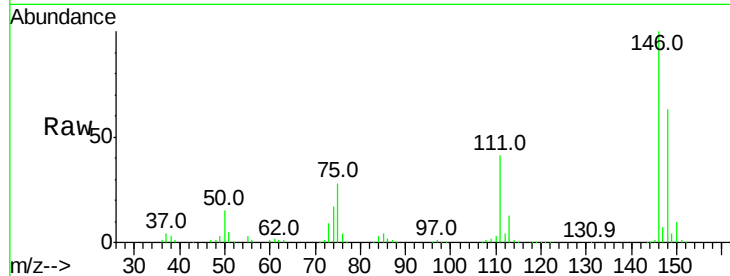
ClientSampleId :

PB103152BSD

Tot Ion:	146	Resp:	333357
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.8	76.2
111	41.3	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 40.718 ng

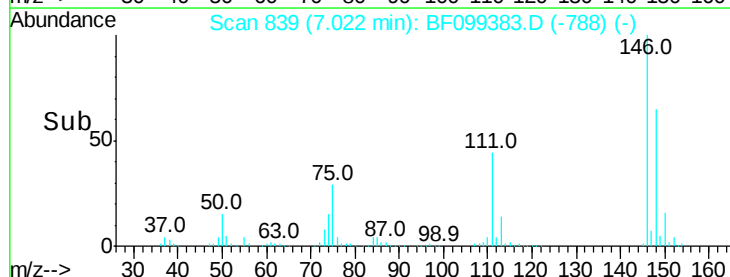
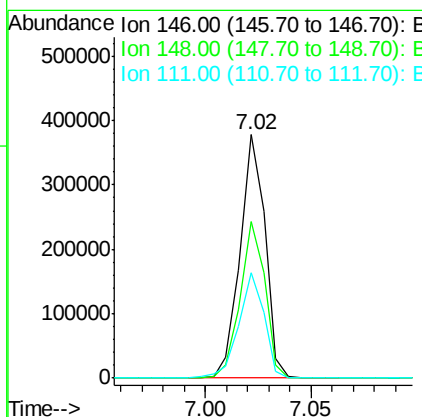
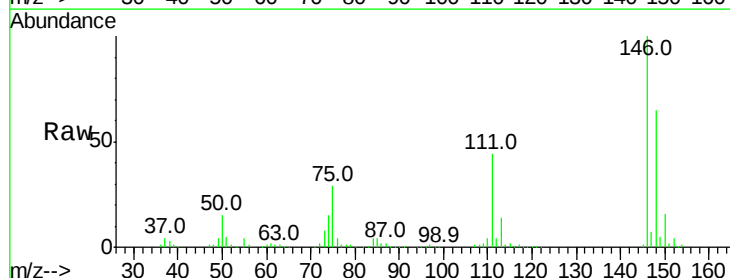
RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Tgt Ion:	146	Resp:	308082
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.6	75.8
111	43.5	36.0	54.0





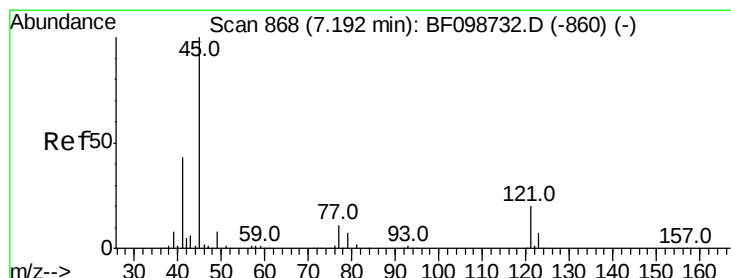
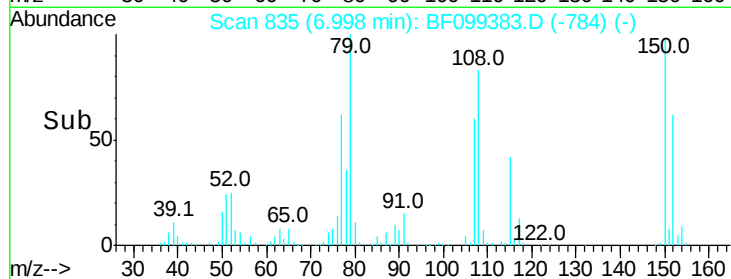
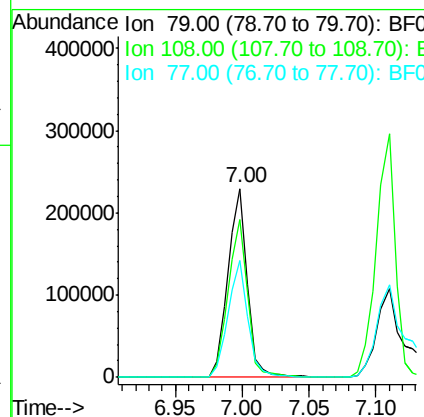
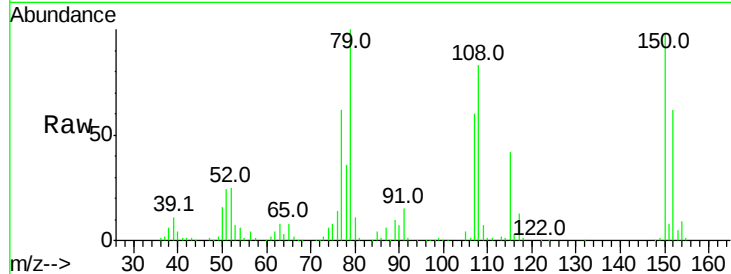
#15
Benzyl Alcohol
Concen: 38.698 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.4	65.1	97.7
77	61.9	50.6	75.8

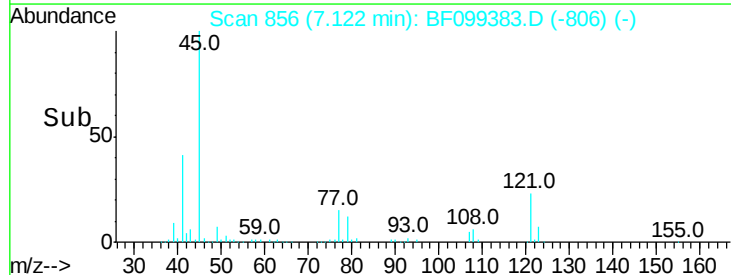
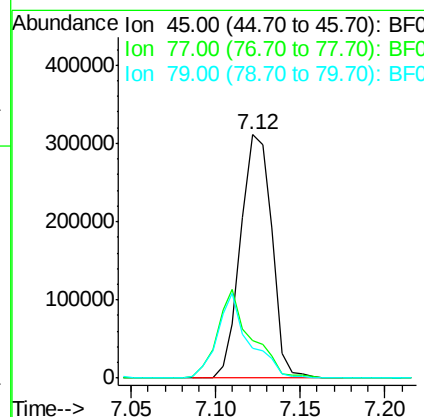
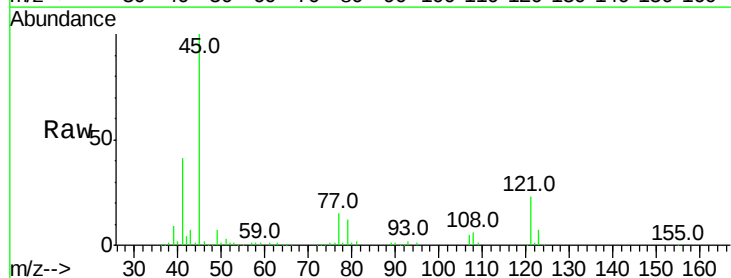
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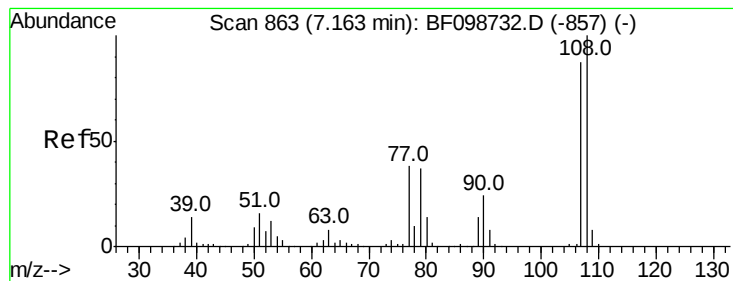
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.454 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.2	0.0	32.9
79	12.4	0.0	29.6





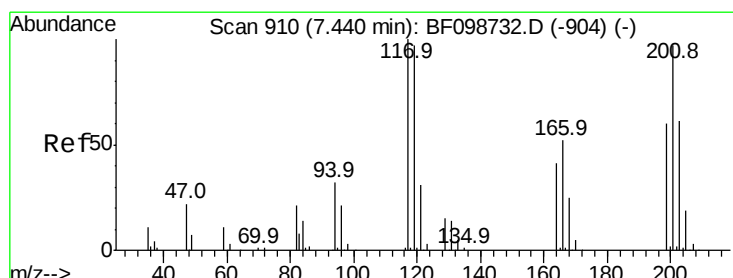
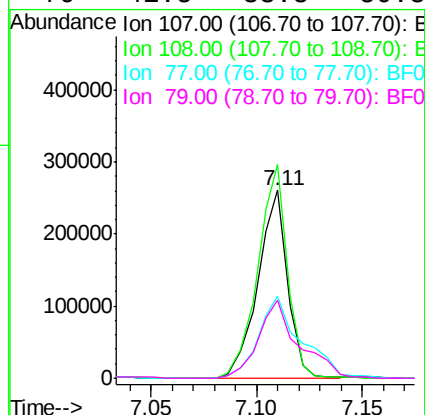
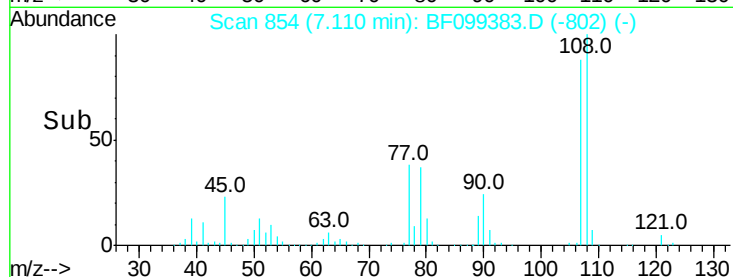
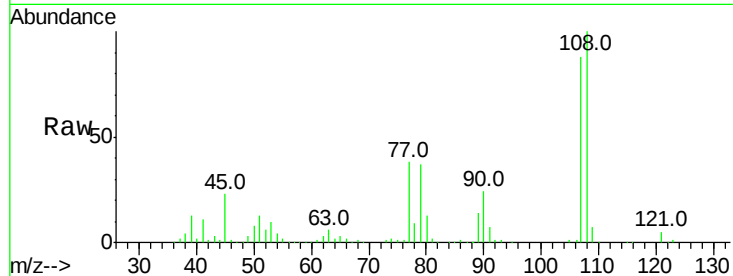
#17
2-Methylphenol
Concen: 40.441 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	254294		
108	113.6	91.7	137.5	
77	43.3	33.8	50.8	
79	41.5	33.8	50.8	

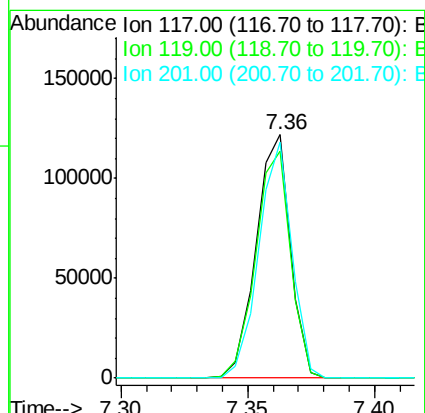
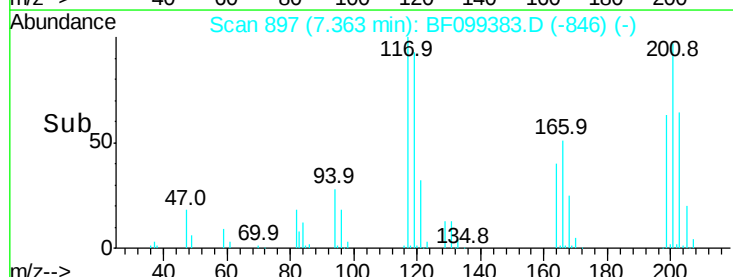
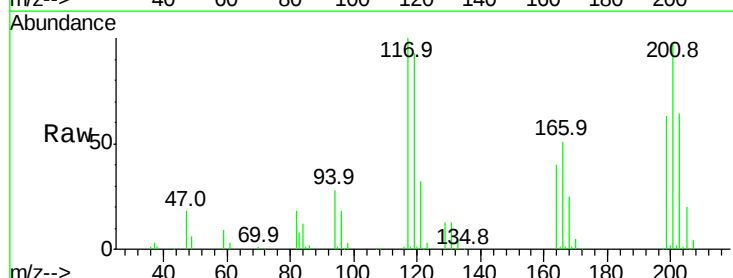
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#18
Hexachloroethane
Concen: 38.856 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	114365		
119	93.4	75.8	113.8	
201	96.9	75.7	113.5	





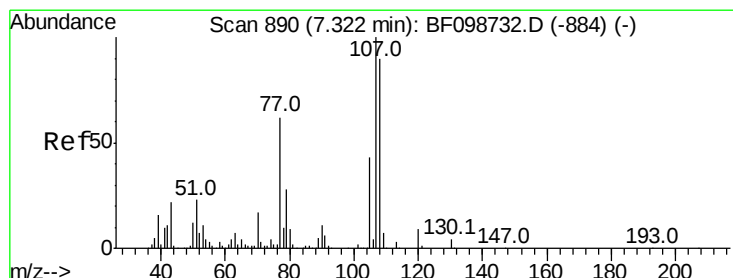
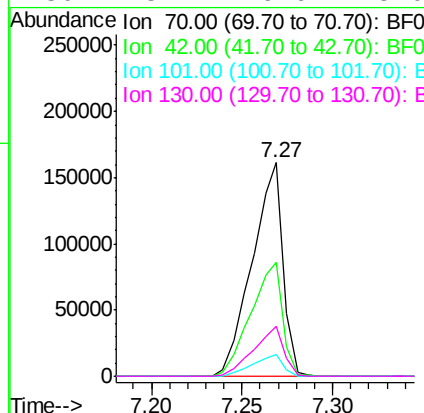
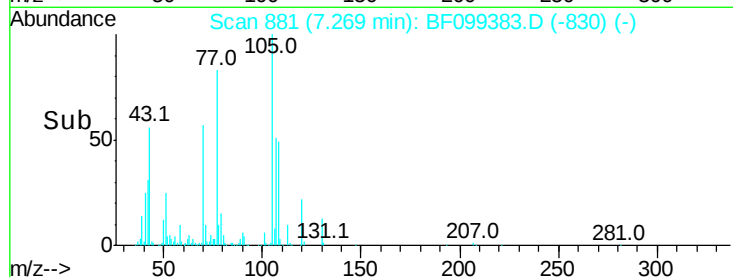
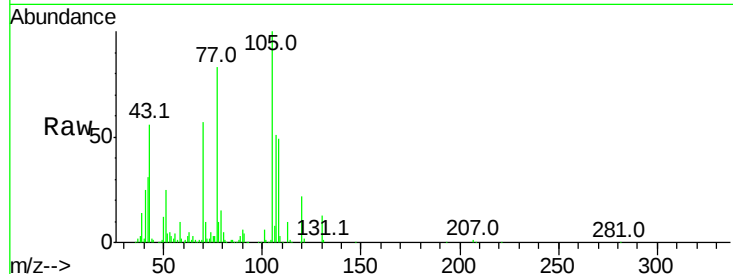
#19
n-Nitroso-di-n-propylamine
Concen: 35.535 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	70	Resp	189926
Ion Ratio	Lower	Upper	
70	100		
42	53.4	47.5	71.3
101	9.9	7.4	11.2
130	23.2	16.6	25.0

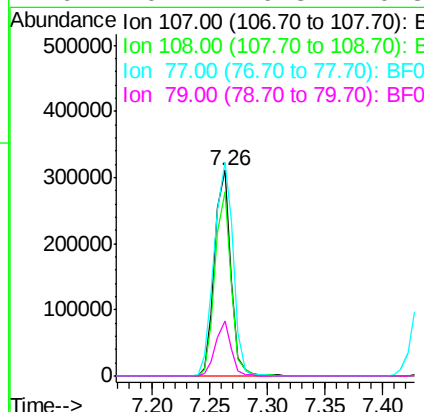
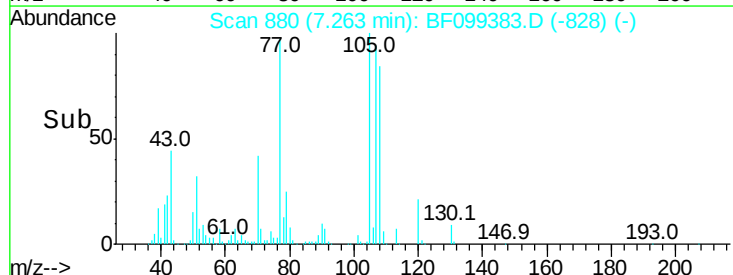
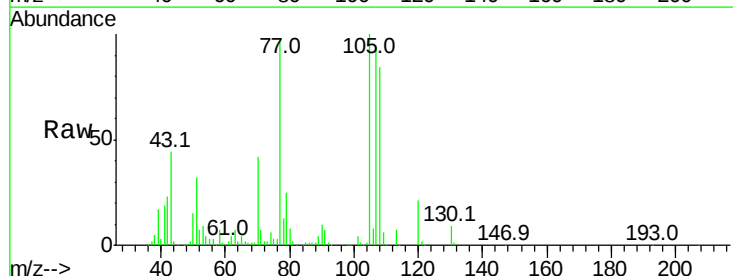
Manual Integrations
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#20
3+4-Methylphenols
Concen: 38.408 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	107	Resp	305525
Ion Ratio	Lower	Upper	
107	100		
108	89.9	68.2	108.2
77	103.9	26.7	66.7#
79	26.7	6.3	46.3





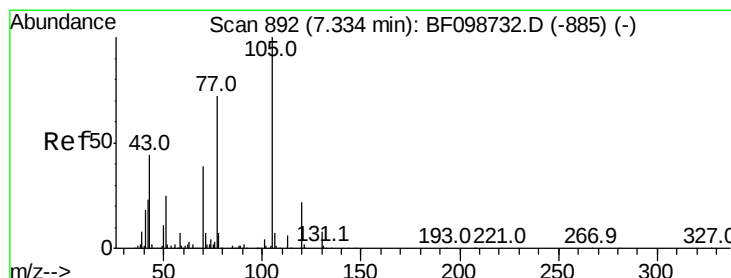
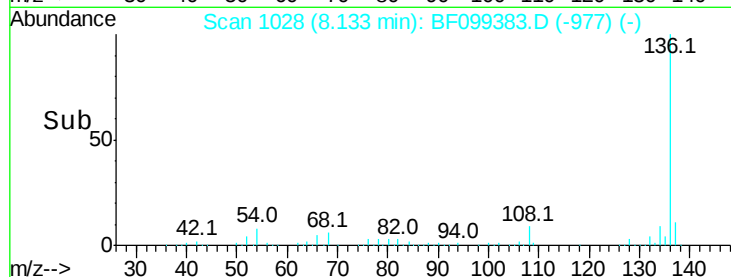
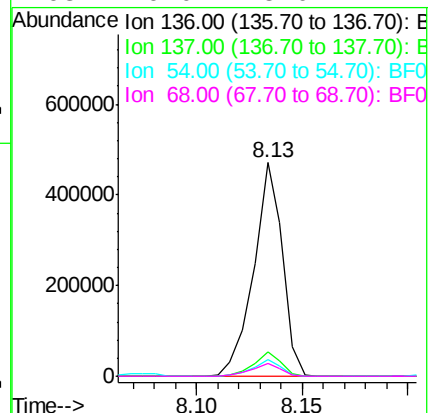
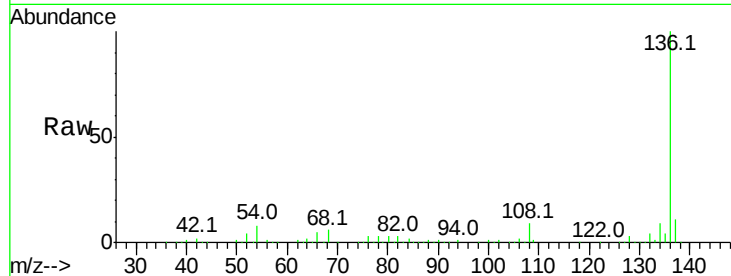
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	7.7	6.6	9.8	
68	6.0	5.0	7.4	

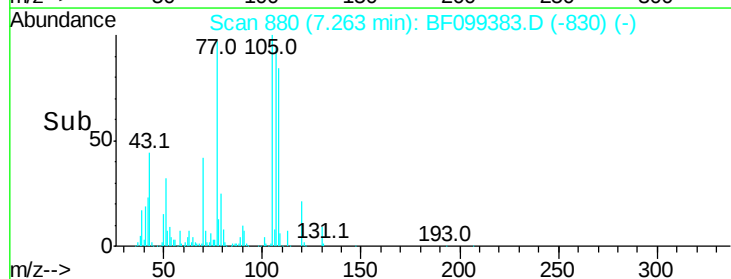
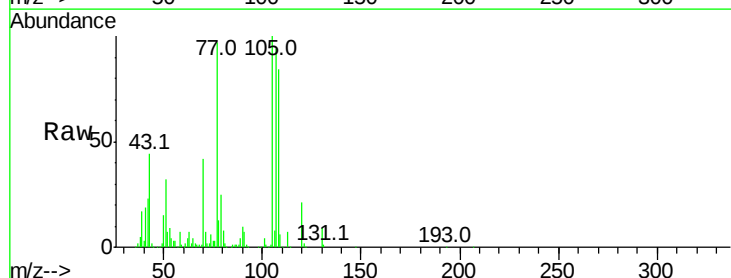
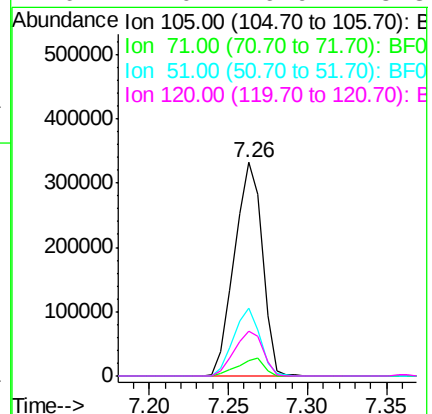
Manual Integrations
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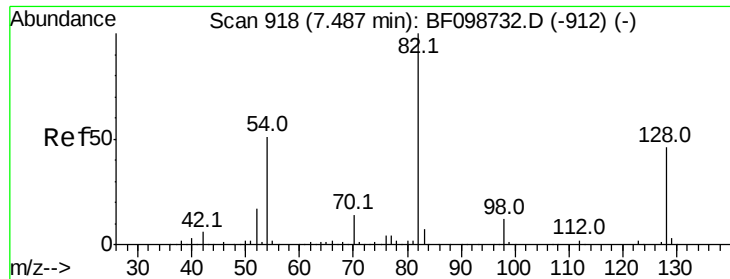
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#22
Acetophenone
Concen: 37.305 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.4	4.4	6.6#	
51	32.0	22.3	33.5	
120	21.0	16.9	25.3	





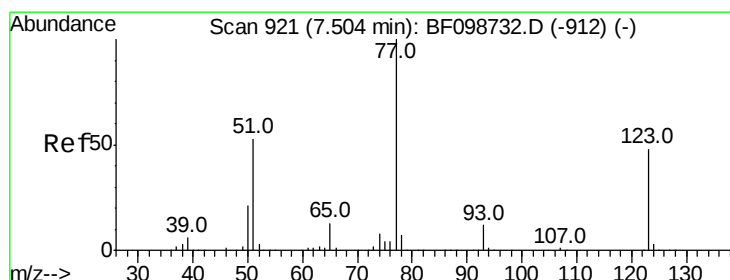
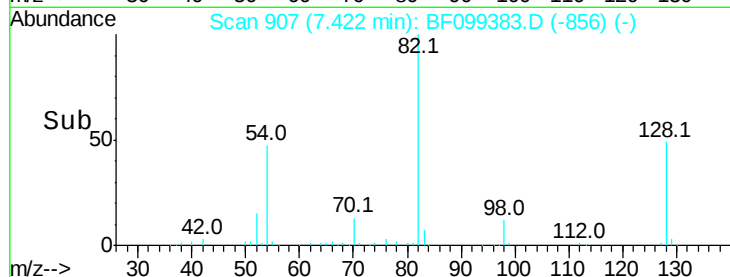
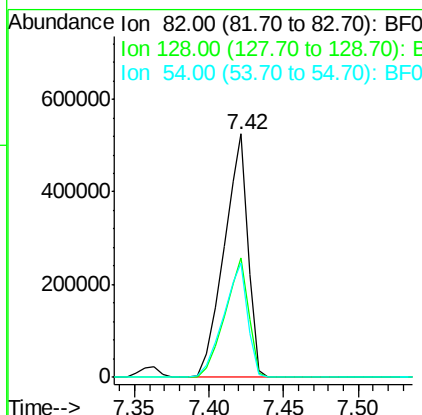
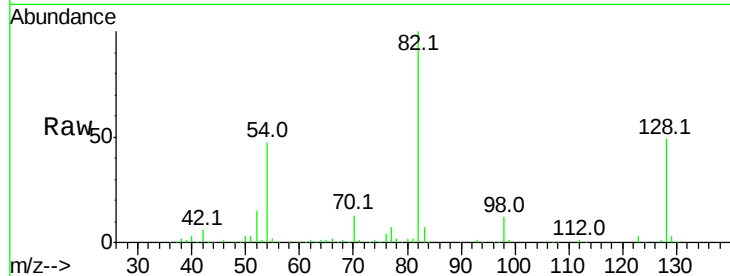
#23
 Nitrobenzene-d5
 Concen: 84.853 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	592291		
128	49.0	36.1	54.1	
54	46.7	41.4	62.2	

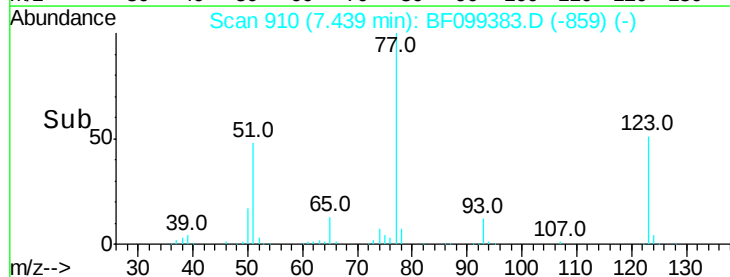
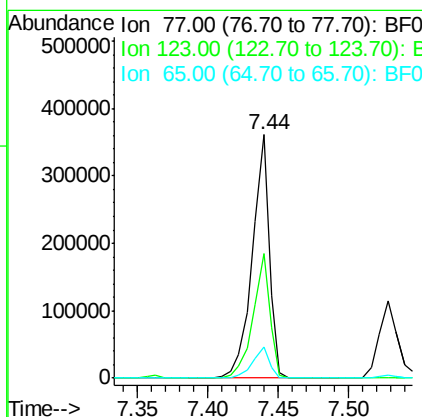
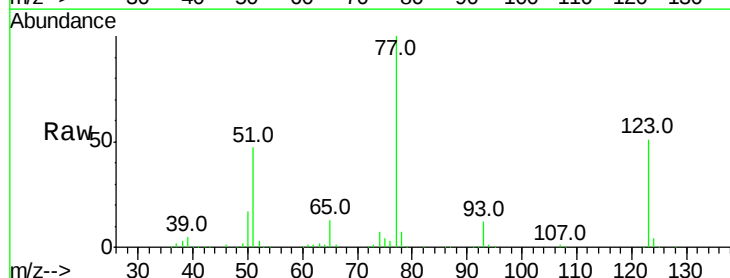
Manual Integrations
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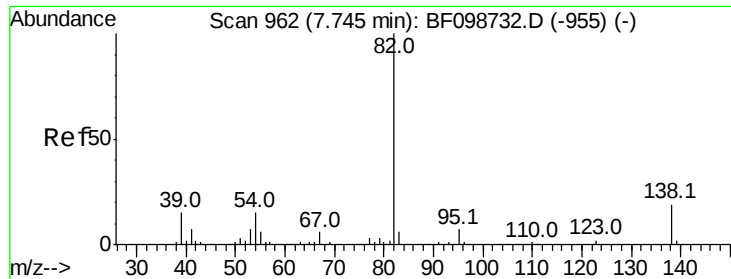
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#24
 Nitrobenzene
 Concen: 38.922 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	308190		
123	51.4	37.9	56.9	
65	12.9	11.0	16.4	





#25

Isophorone

Concen: 39.120 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

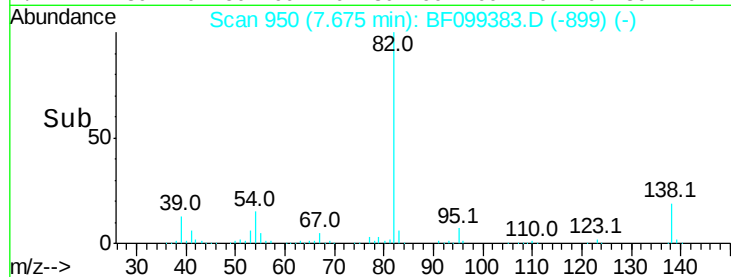
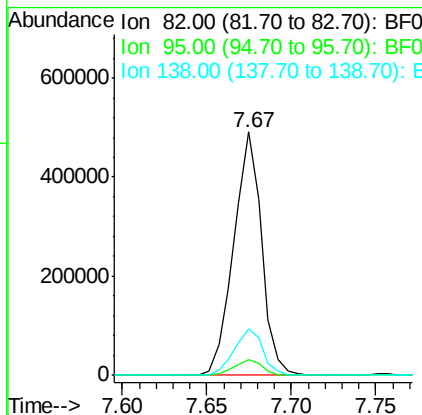
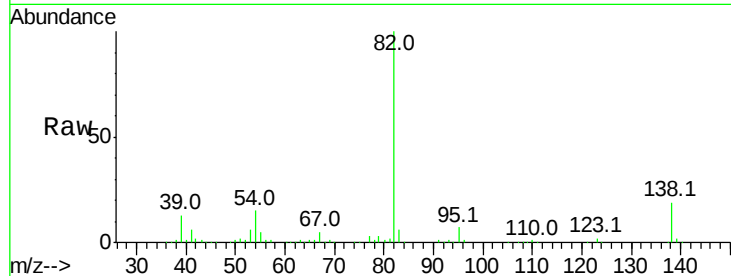
ClientSampleId :

PB103152BSD

Tot Ion:	82	Resp:	564560
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	19.2	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.936 ng

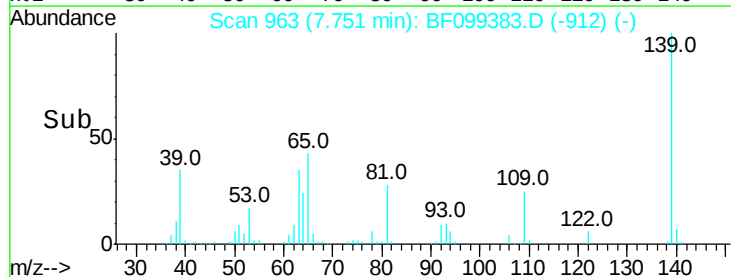
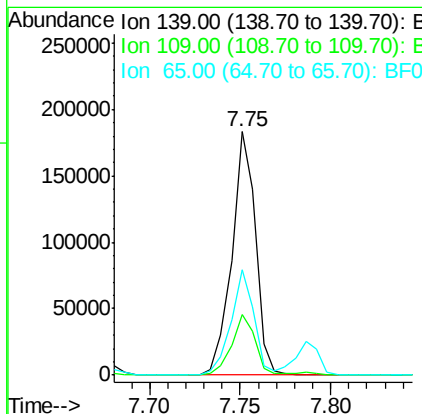
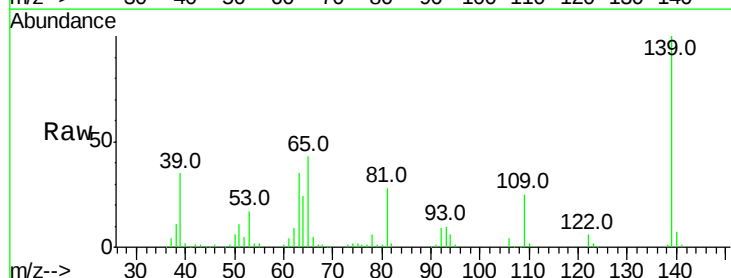
RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Tgt Ion:	139	Resp:	167292
Ion Ratio	Lower	Upper	
139	100		
109	24.8	22.7	34.1
65	43.2	40.5	60.7





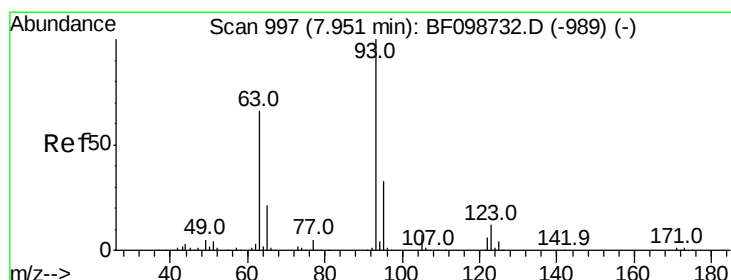
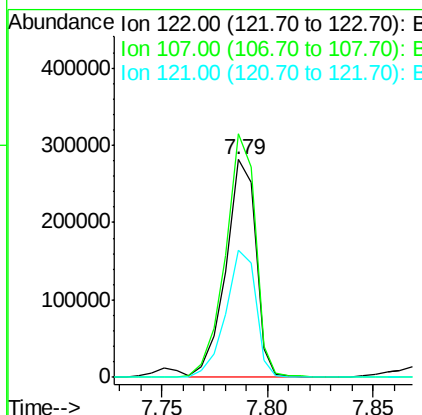
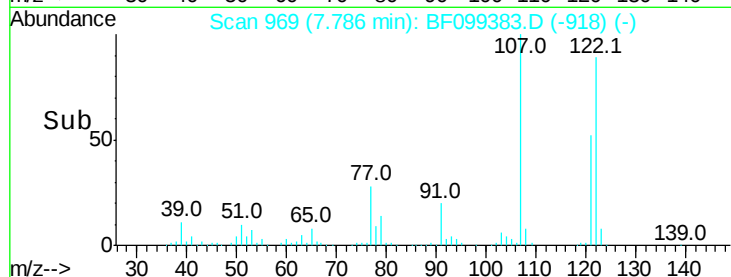
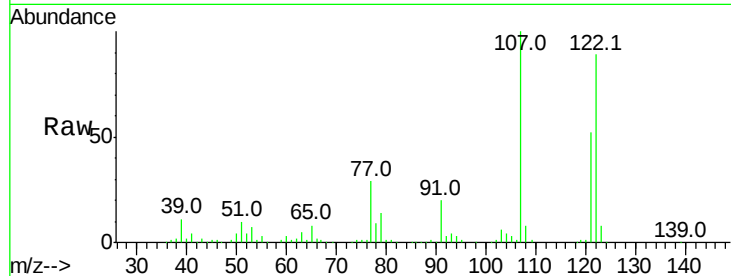
#27
2,4-Dimethylphenol
Concen: 38.169 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		274469		
107	111.9	91.2		136.8	
121	58.7	47.2		70.8	

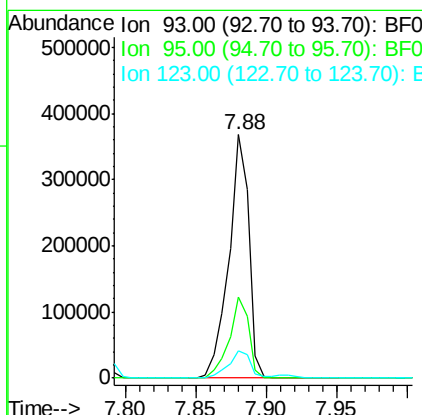
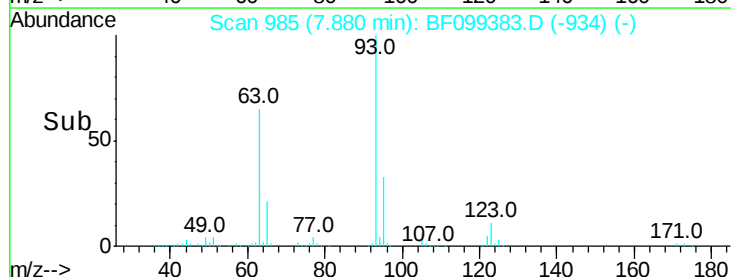
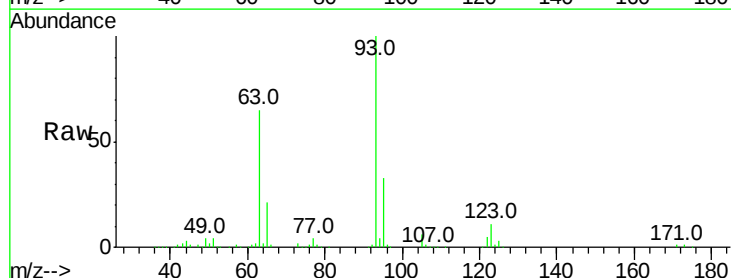
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 40.314 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		362567		
95	33.0	26.3		39.5	
123	11.4	9.8		14.6	





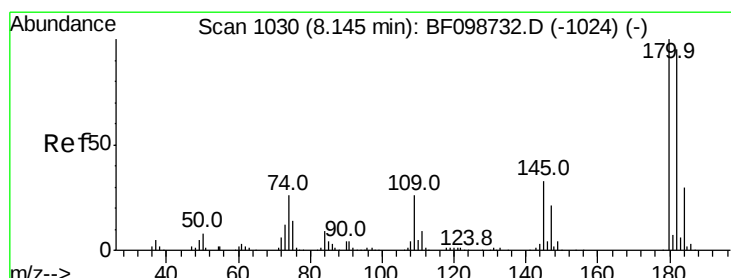
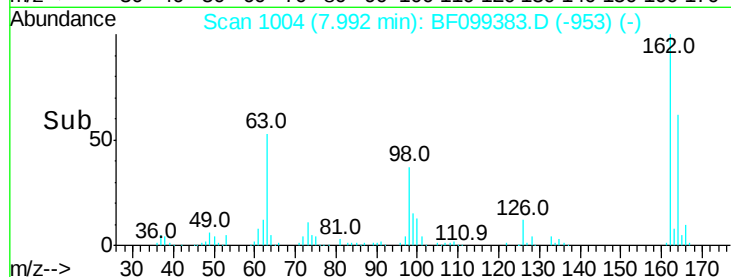
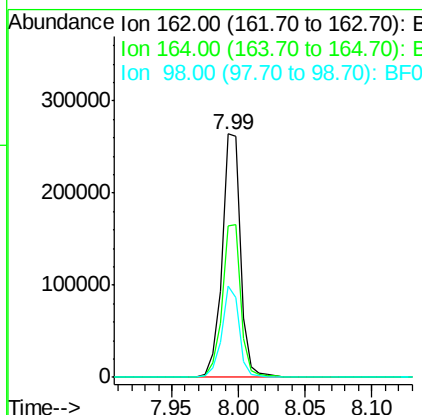
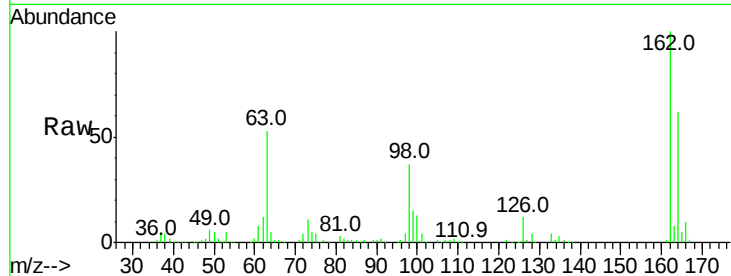
#29
 2,4-Dichlorophenol
 Concen: 42.155 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	260261		
164	62.2		42.7	82.7
98	37.2		18.1	58.1

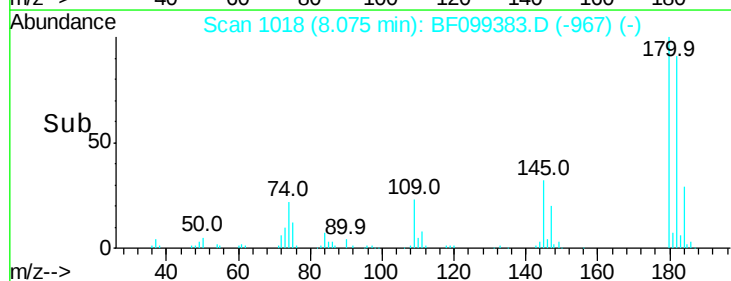
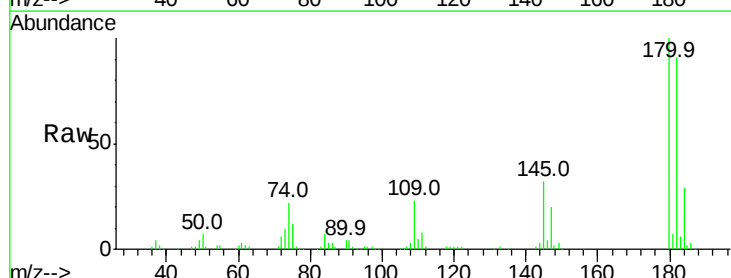
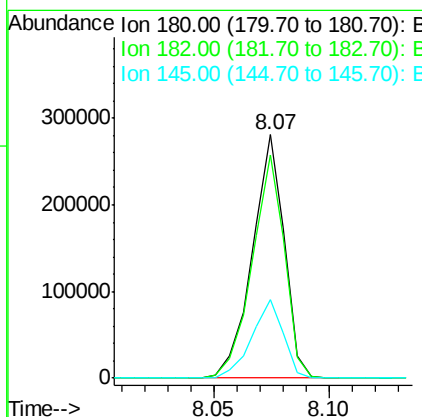
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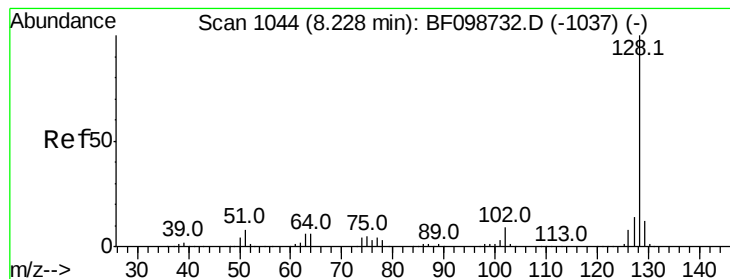
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.603 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	269242		
182	91.4		76.8	115.2
145	32.1		26.5	39.7





#31

Naphthalene

Concen: 41.591 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

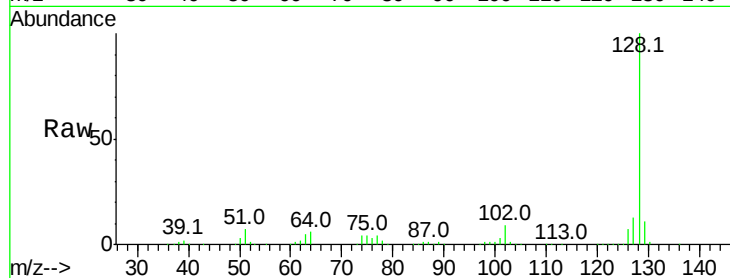
ClientSampleId :

PB103152BSD

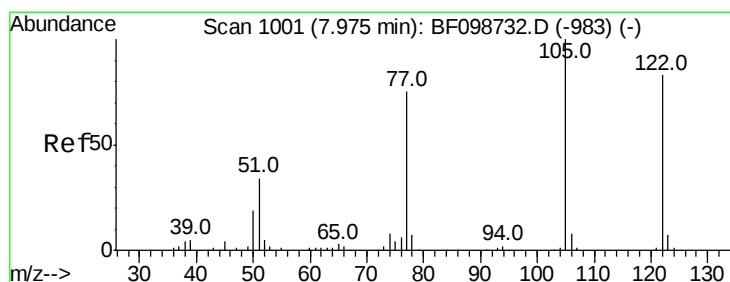
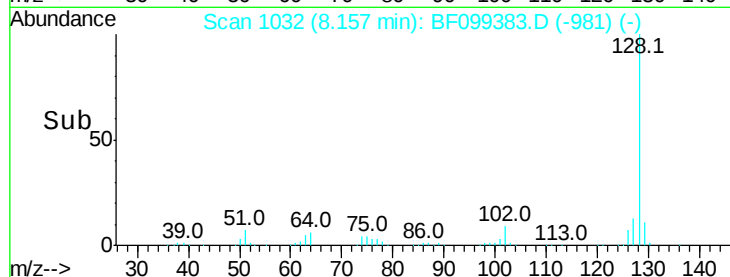
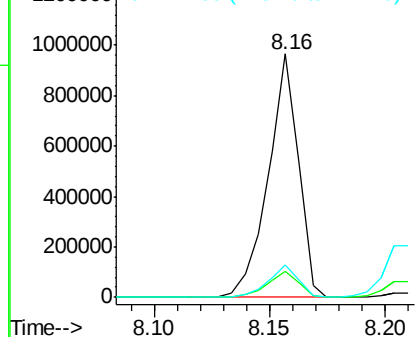
Tot Ion:	128	Resp:	874417
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	13.4	10.9	16.3

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.180 ng

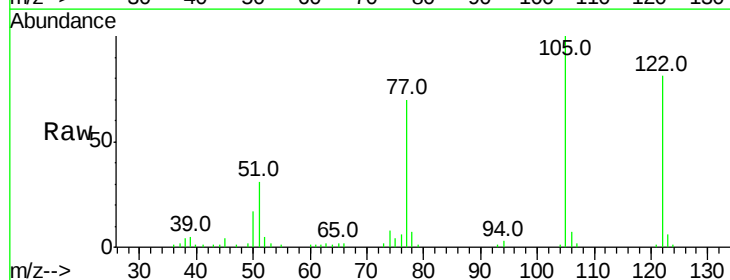
RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

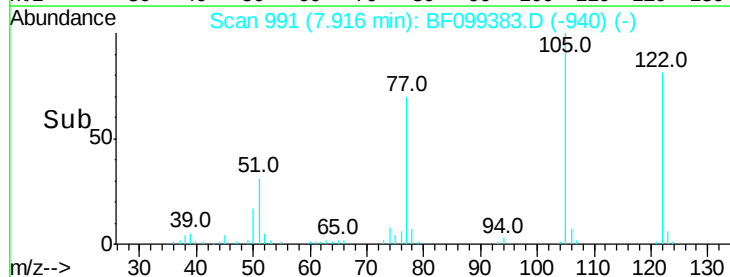
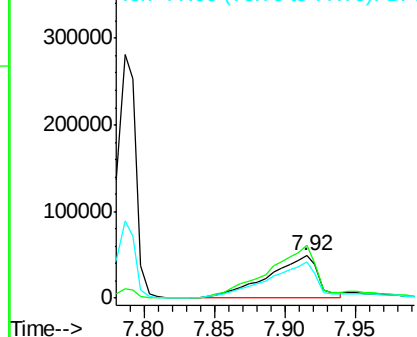
Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Tgt Ion:	122	Resp:	119197
Ion Ratio	Lower	Upper	
122	100		
105	123.4	101.1	141.1
77	86.7	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





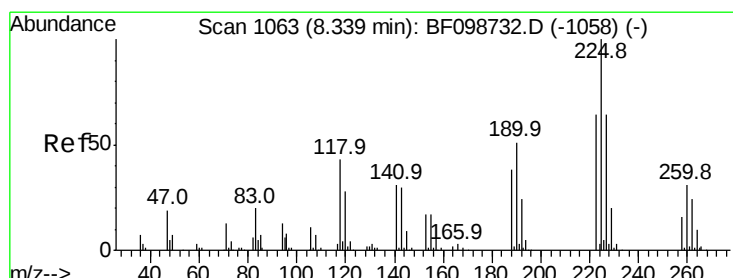
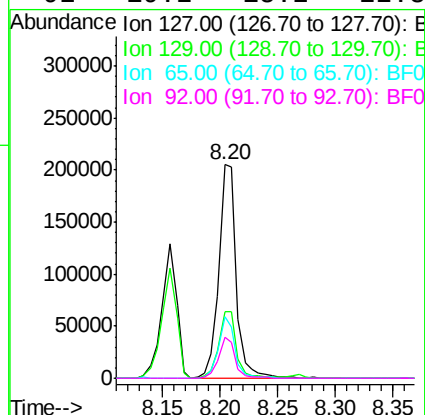
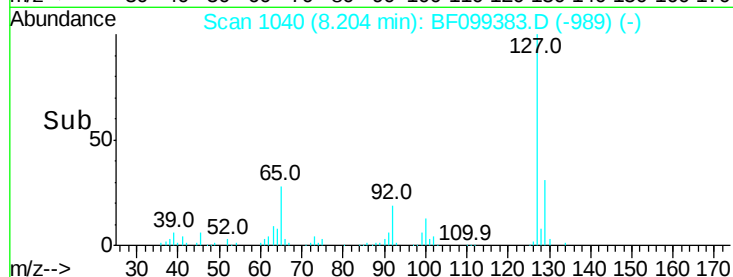
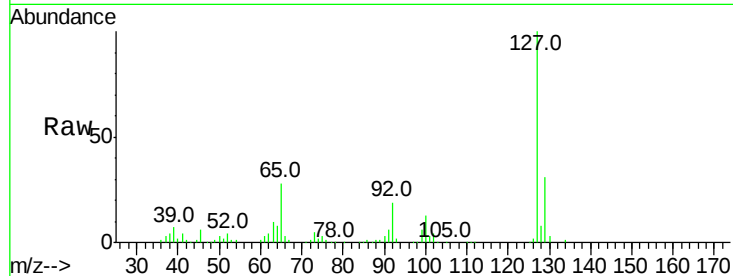
#33
4-Chloroaniline
Concen: 24.692 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	25.9	38.9	
65	28.5	25.0	37.4	
92	19.2	15.2	22.8	

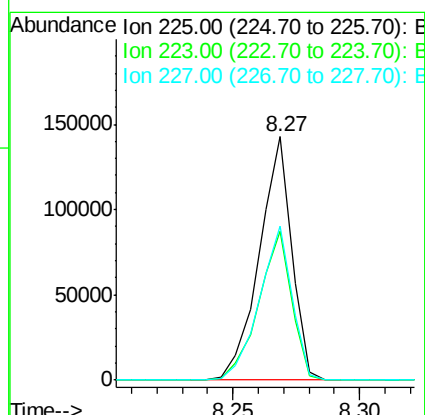
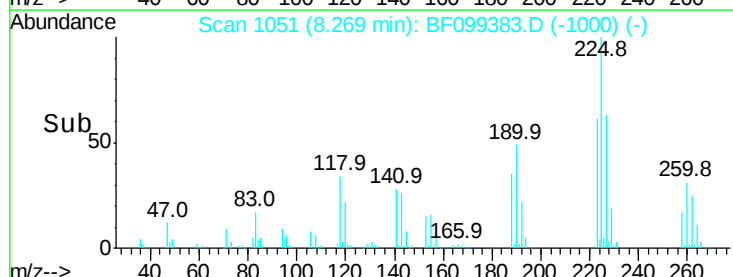
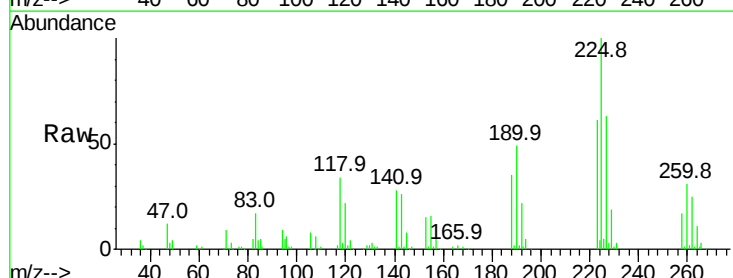
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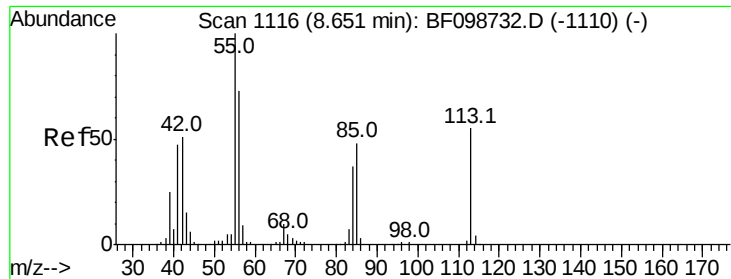
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#34
Hexachlorobutadiene
Concen: 40.160 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.4	50.6	76.0	
227	63.3	51.9	77.9	





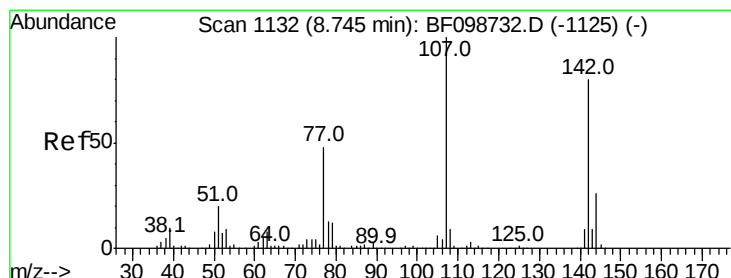
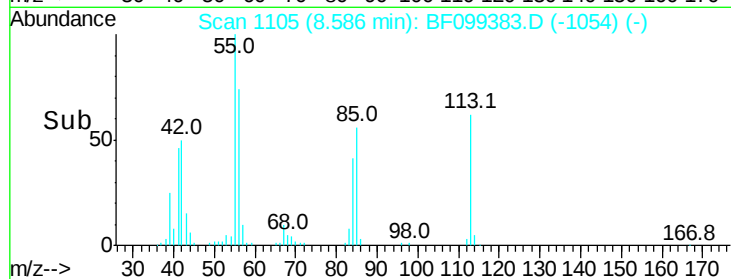
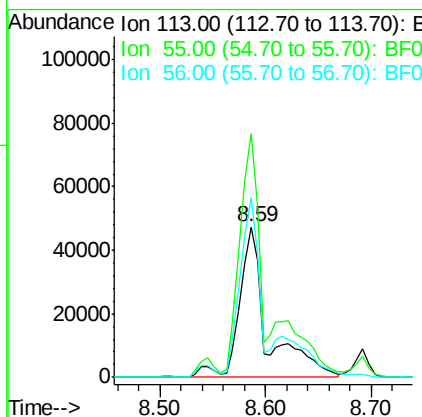
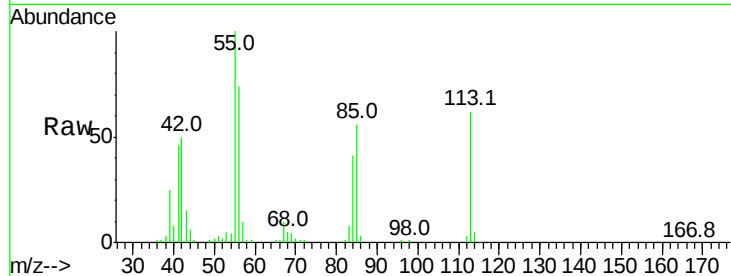
#35
 Caprolactam
 Concen: 43.478 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleID :
 PB103152BSD

Tot Ion:113 Resp: 86104
 Ion Ratio Lower Upper
 113 100
 55 161.9 163.3 203.3#
 56 119.9 115.7 155.7

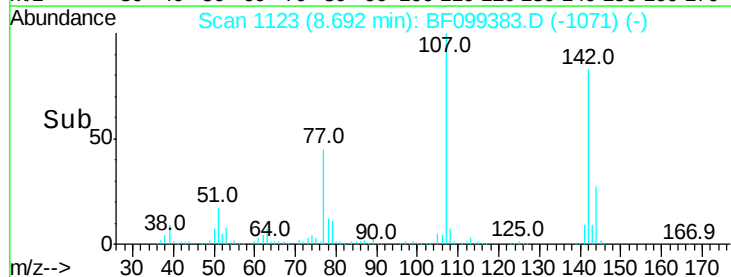
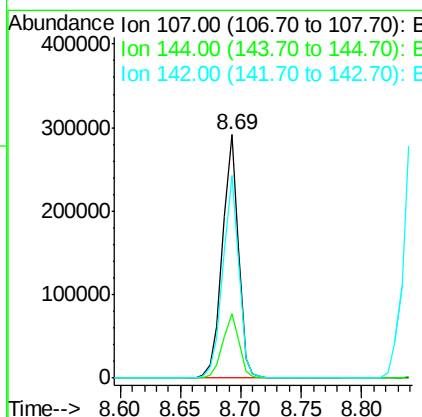
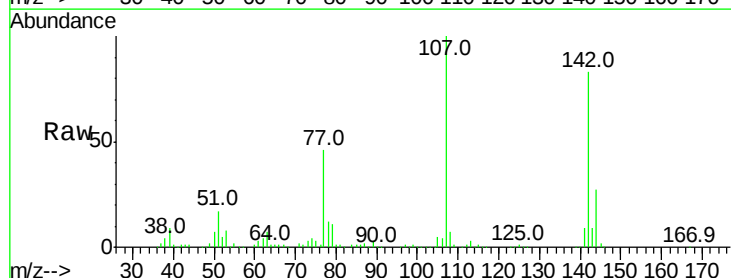
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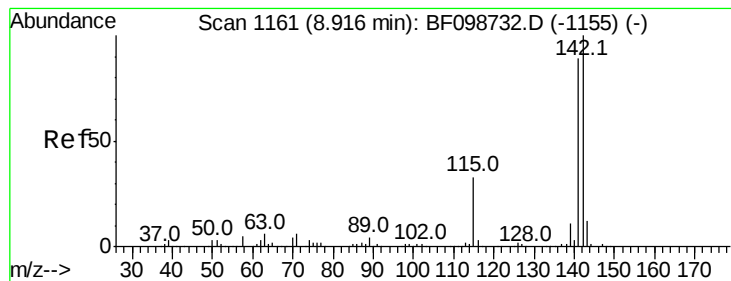
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#36
 4-Chloro-3-methylphenol
 Concen: 38.766 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion:107 Resp: 269009
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.5 30.7
 142 83.5 62.0 93.0





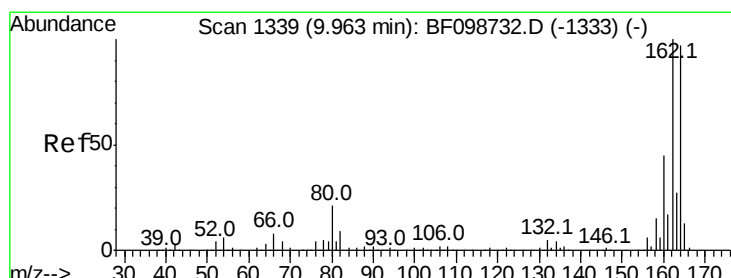
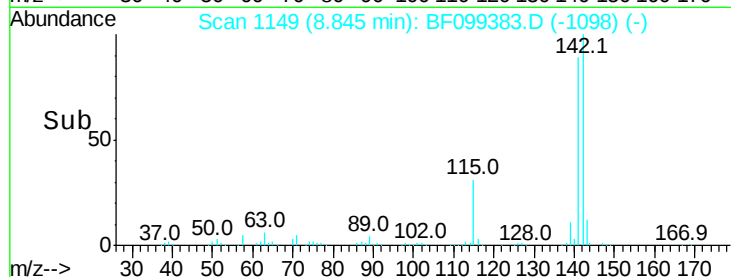
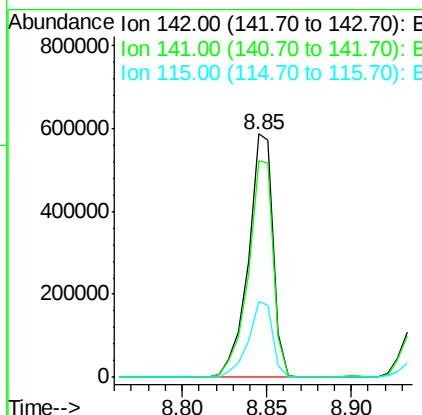
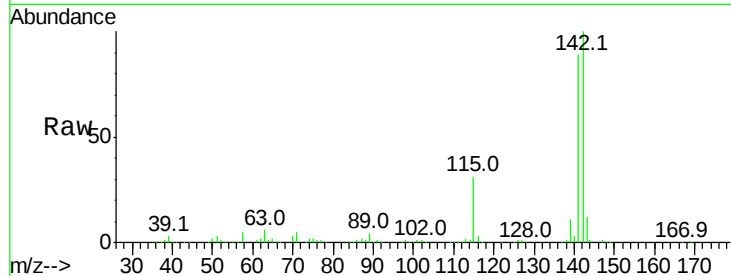
#37
2-Methylnaphthalene
Concen: 44.179 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	603806		
141	89.1	70.8	106.2	
115	31.2	26.1	39.1	

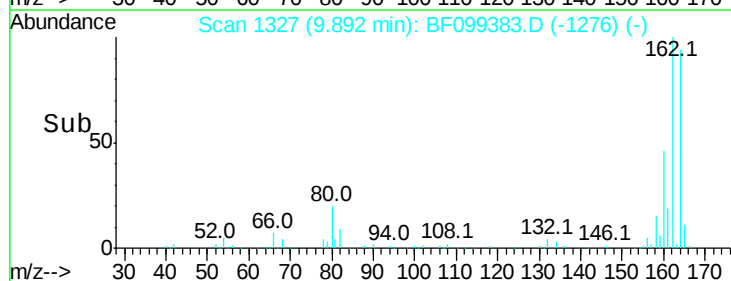
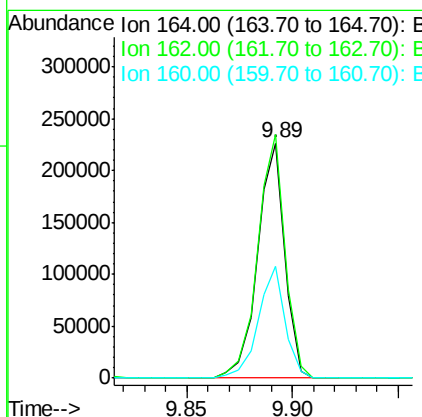
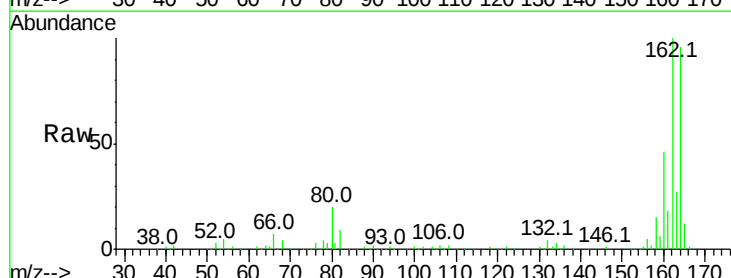
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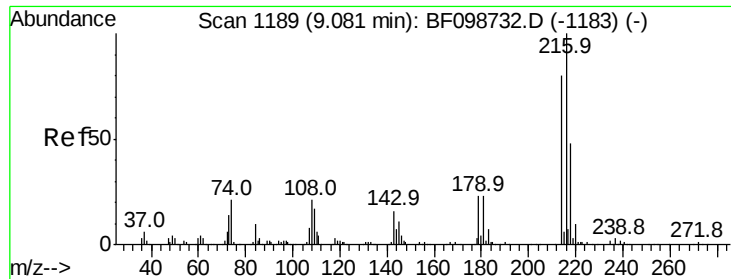
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	202874		
162	103.7	86.1	129.1	
160	47.4	38.3	57.5	





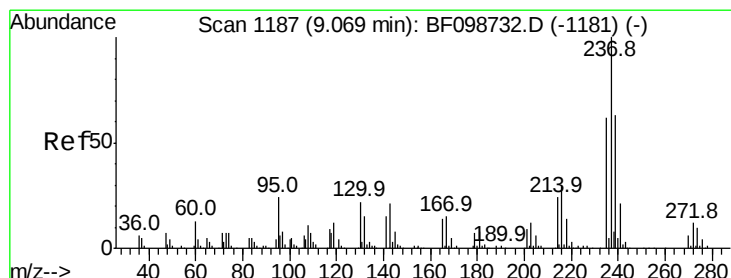
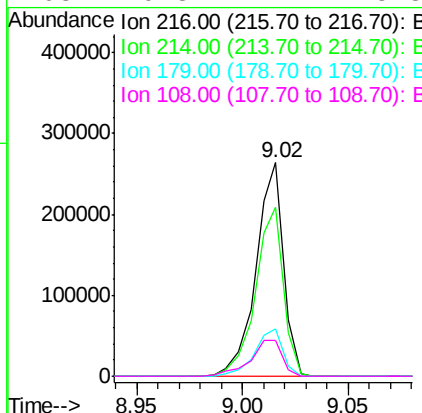
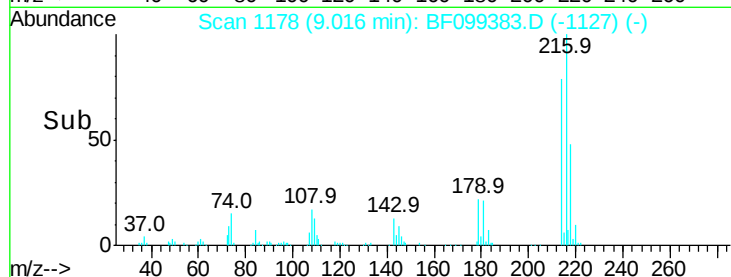
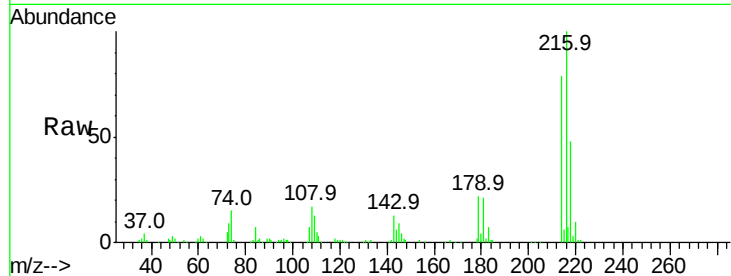
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.653 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.2	63.0	94.4
179	22.7	18.1	27.1
108	19.8	17.2	25.8

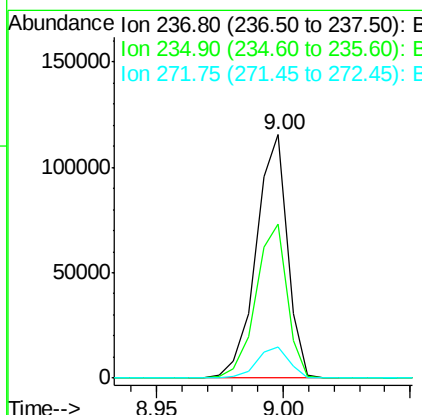
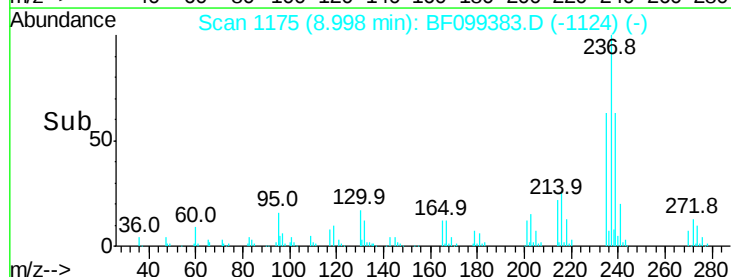
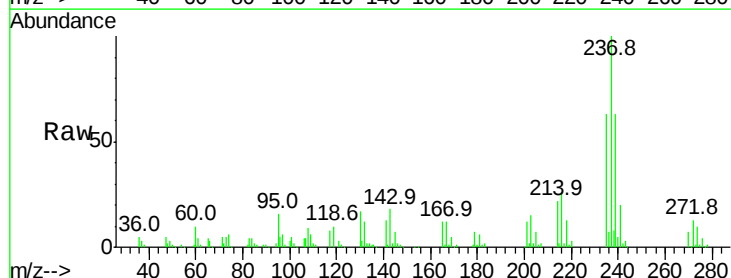
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#40
 Hexachlorocyclopentadiene
 Concen: 36.136 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	44.8	84.8
272	12.8	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 78.859 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

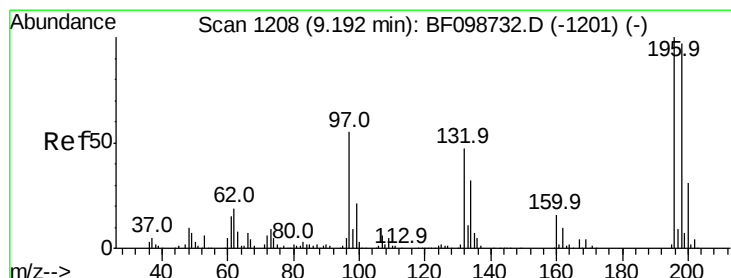
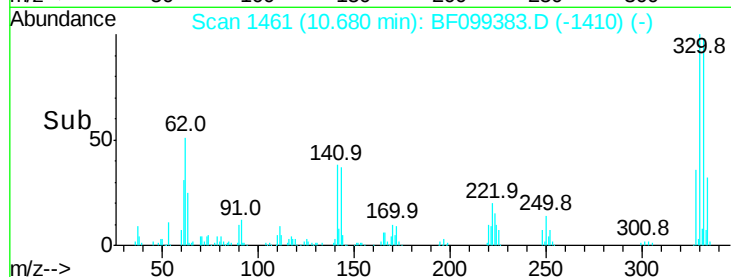
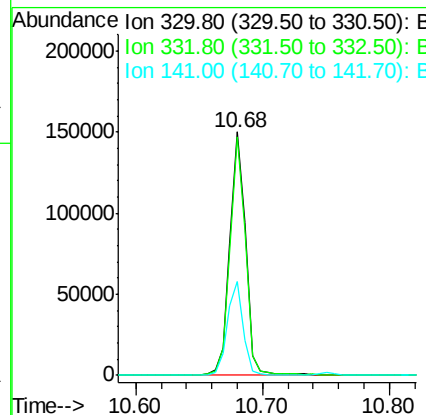
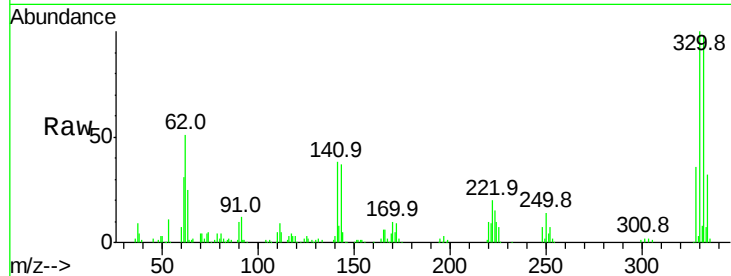
ClientSampleId :

PB103152BSD

Tot Ion:	330	Resp:	130911
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.0	115.6
141	39.1	29.9	44.9

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 38.847 ng

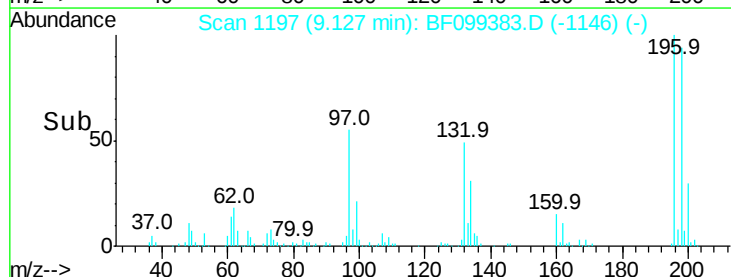
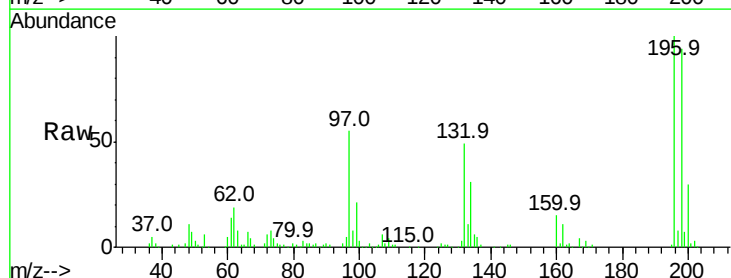
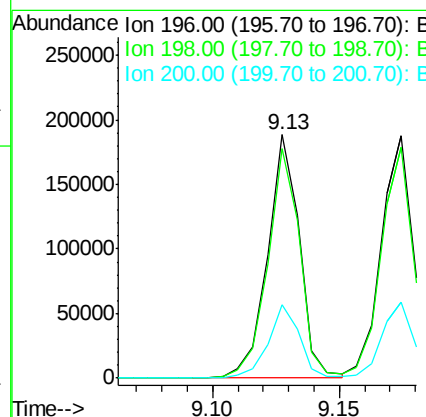
RT: 9.13 min Scan# 1197

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Tgt Ion:	196	Resp:	166507
Ion Ratio	Lower	Upper	
196	100		
198	94.4	75.7	113.5
200	30.4	24.5	36.7





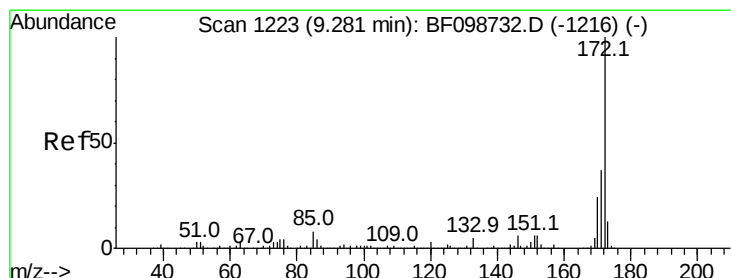
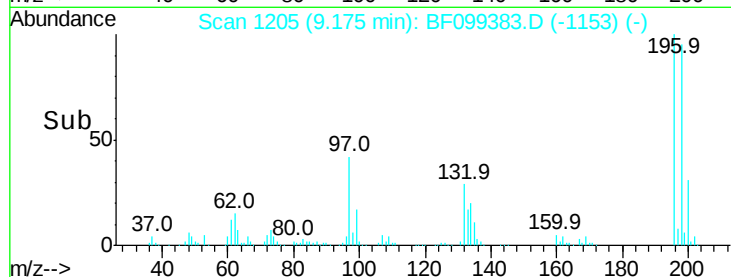
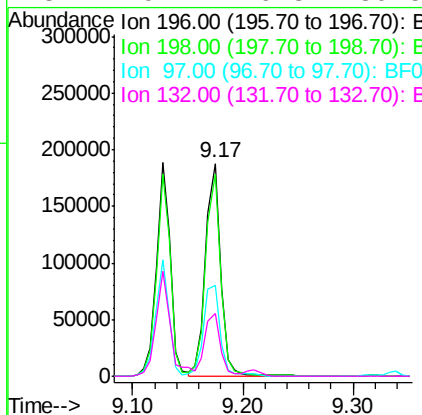
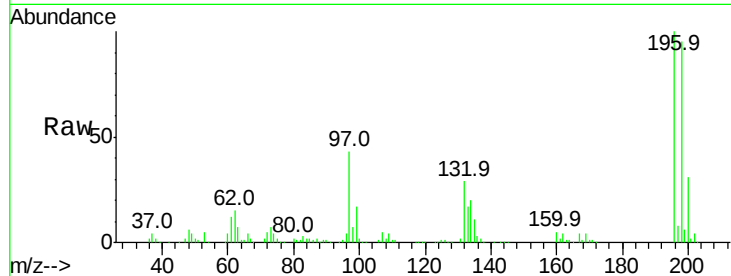
#43
 2,4,5-Trichlorophenol
 Concen: 40.243 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	172189		
198	95.2	74.6	112.0	
97	42.5	42.9	64.3	
132	29.4	26.3	39.5	

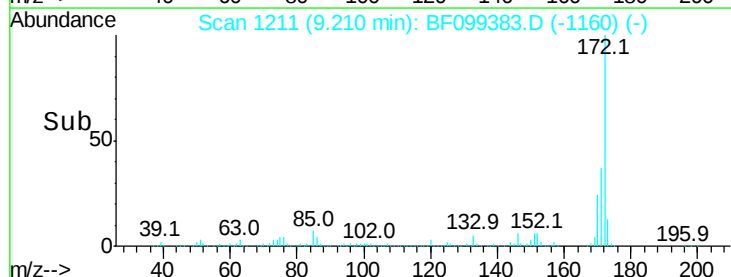
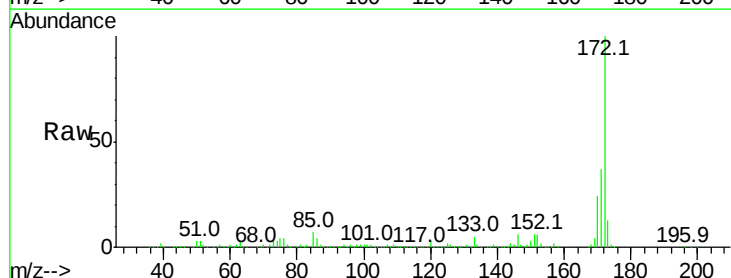
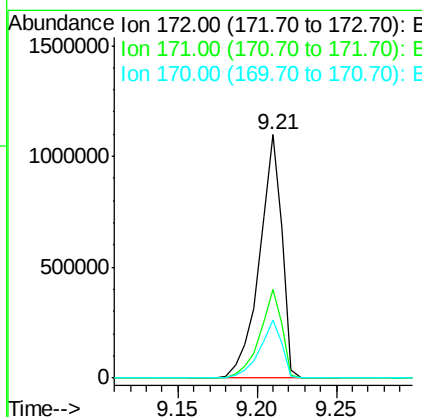
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 89.605 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1088919		
171	36.5	29.7	44.5	
170	23.6	19.6	29.4	





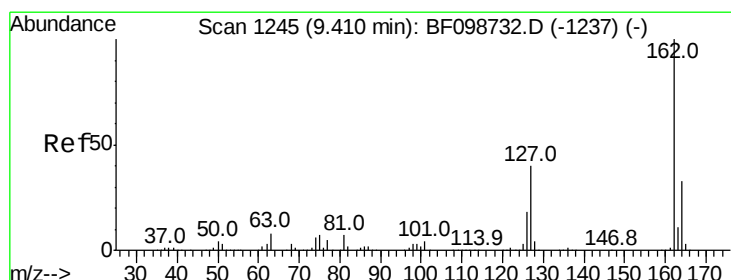
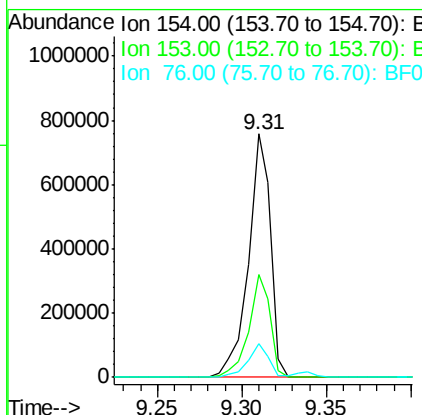
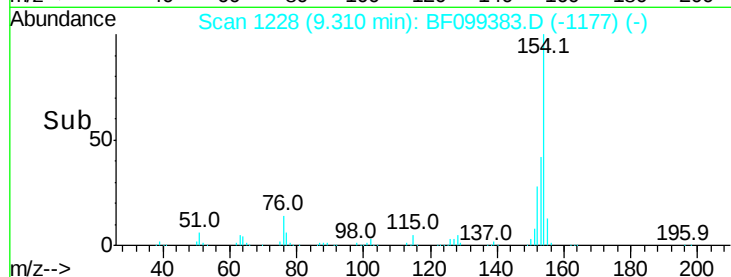
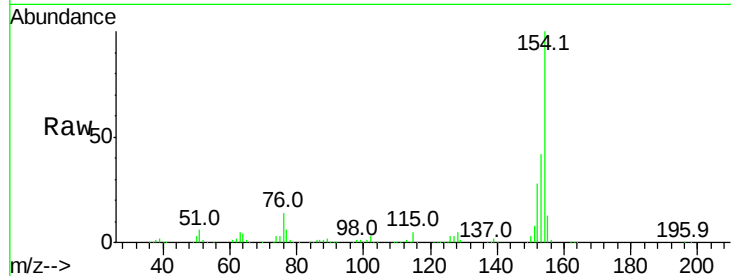
#45
 1,1'-Biphenyl
 Concen: 39.841 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	42.1	21.3	61.3	
76	13.7	0.0	34.0	

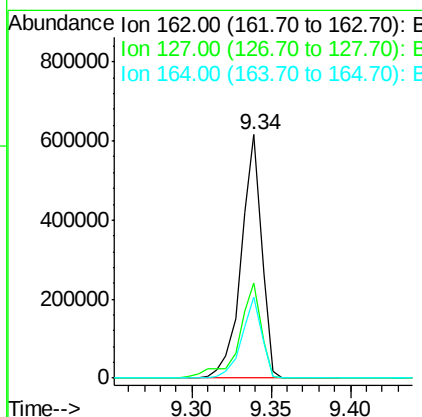
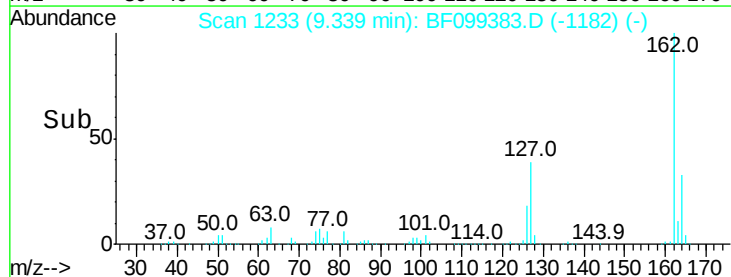
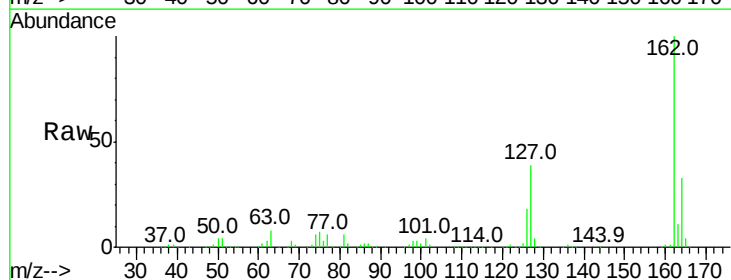
Manual Integrations
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#46
 2-Chloronaphthalene
 Concen: 41.687 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.2	33.9	50.9	
164	33.5	26.5	39.7	





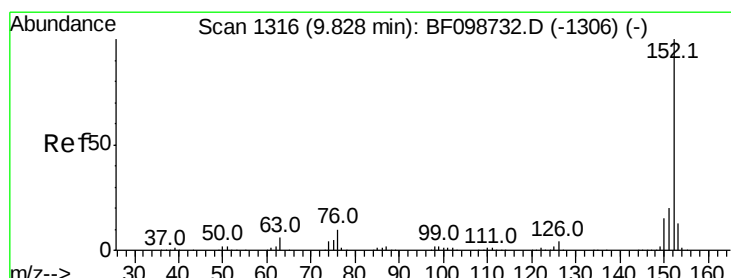
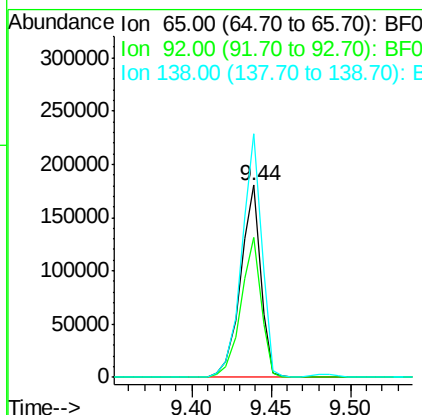
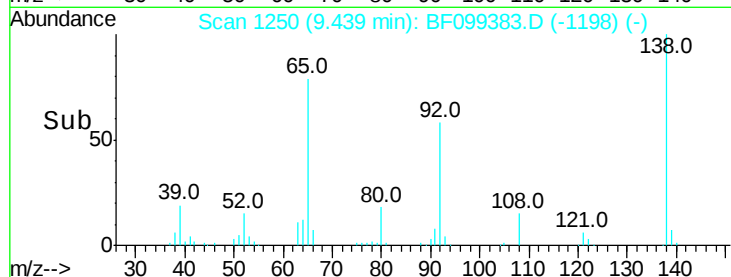
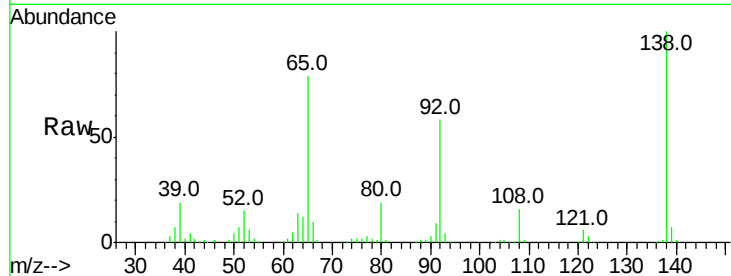
#47
2-Nitroaniline
Concen: 39.658 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.0	55.8	83.6
138	126.6	91.2	136.8

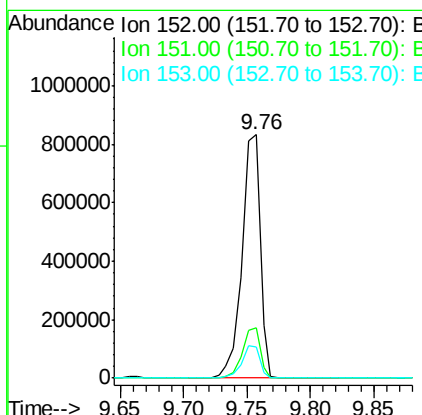
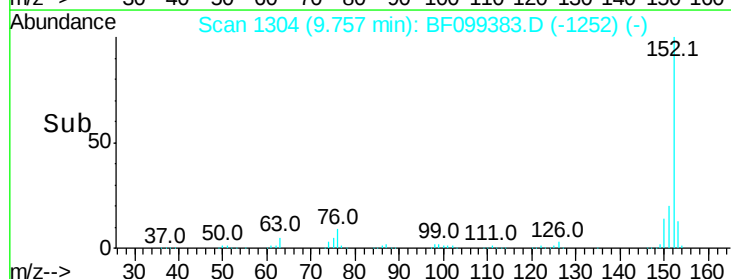
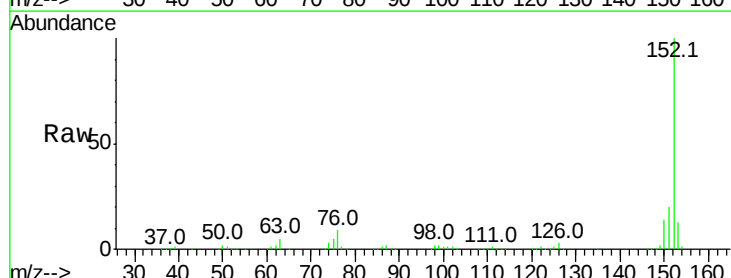
Manual Integrations
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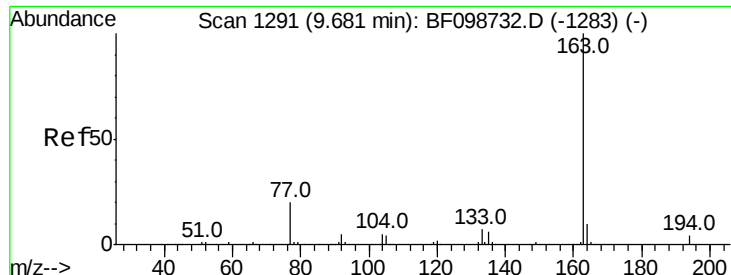
Sohil
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#48
Acenaphthylene
Concen: 41.136 ng
RT: 9.76 min Scan# 1304
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	12.8	10.7	16.1





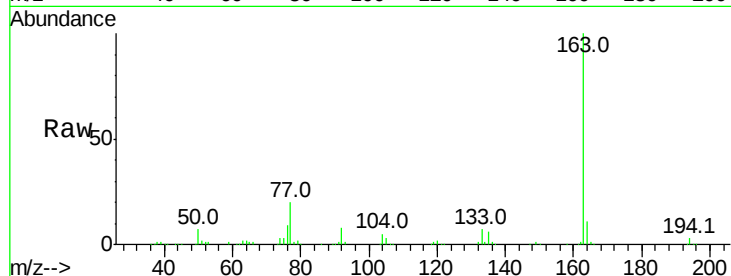
#49
Dimethylphthalate
Concen: 41.985 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

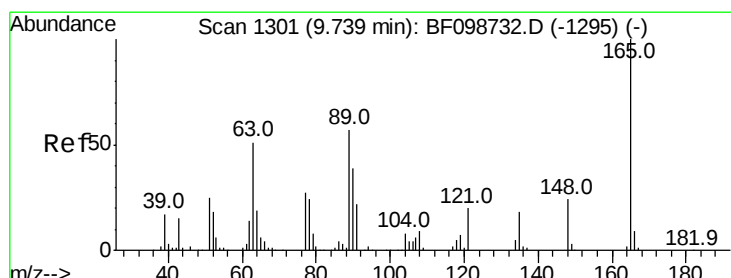
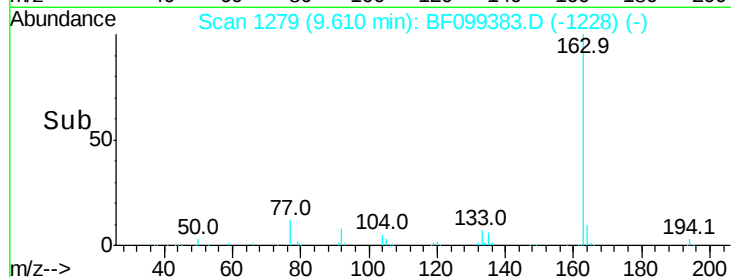
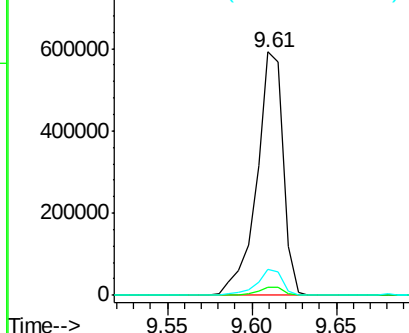
Tot Ion	Ratio	Resp	Lower	Upper
163	100	642861		
194	3.4	2.7	4.1	
164	10.6	8.2	12.2	

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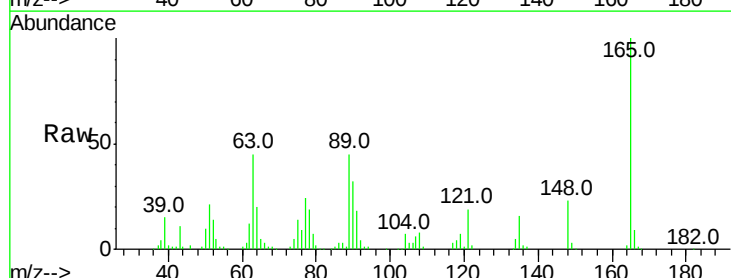


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

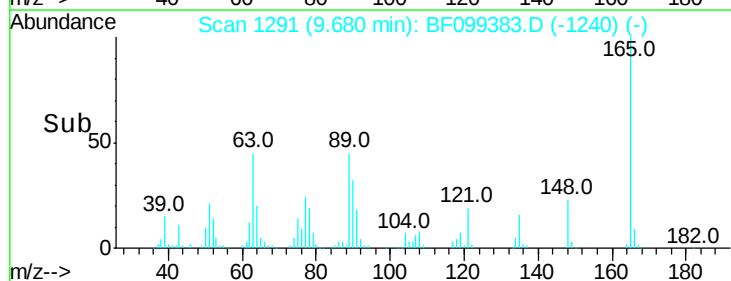
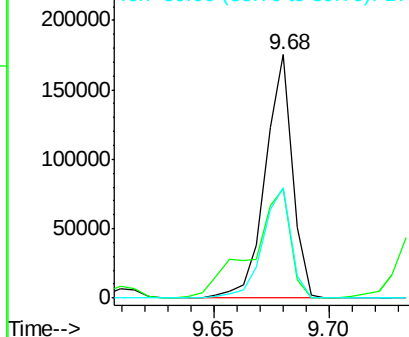


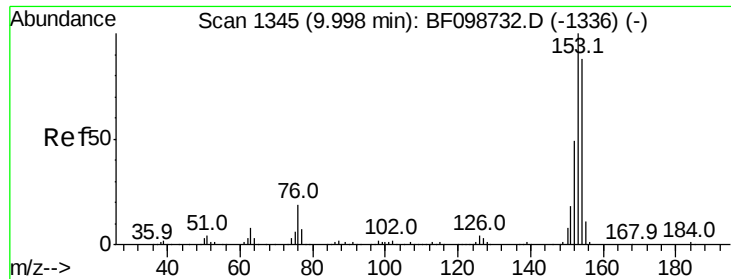
#50
2,6-Dinitrotoluene
Concen: 42.870 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	142907		
63	44.8	44.7	67.1	
89	45.5	44.0	66.0	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.962 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

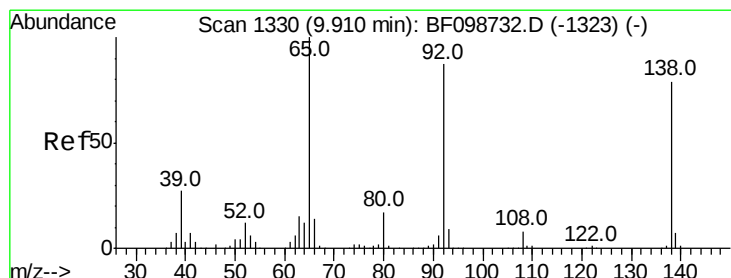
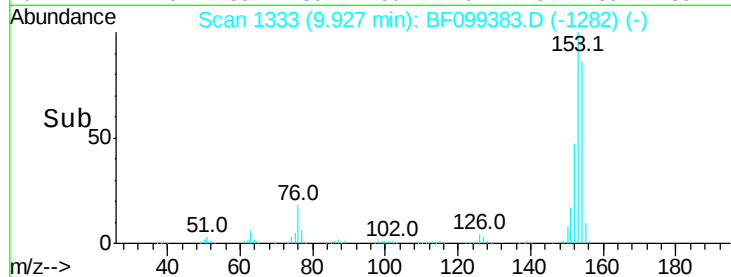
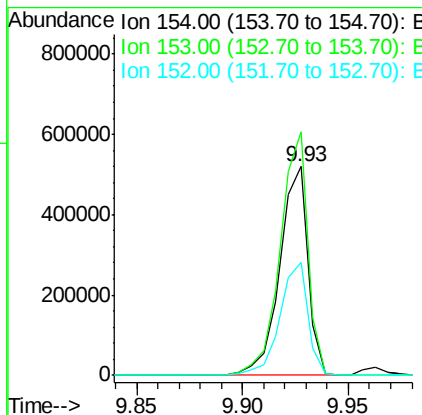
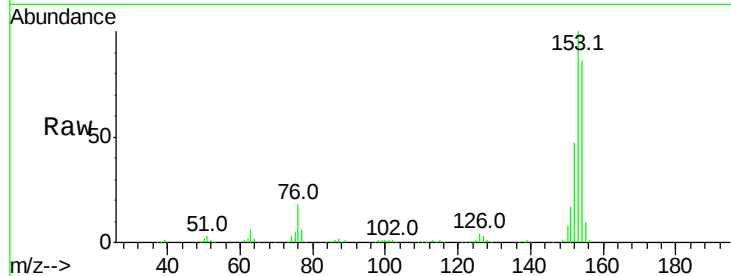
ClientSampleId :

PB103152BSD

Tot Ion:	154	Resp:	481917
Ion Ratio	Lower	Upper	
154	100		
153	116.6	91.2	136.8
152	54.3	43.8	65.8

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#52

3-Nitroaniline

Concen: 32.535 ng

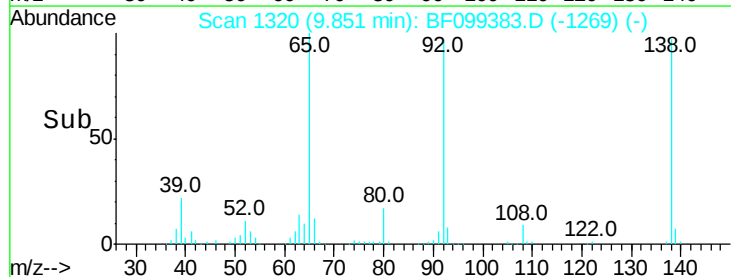
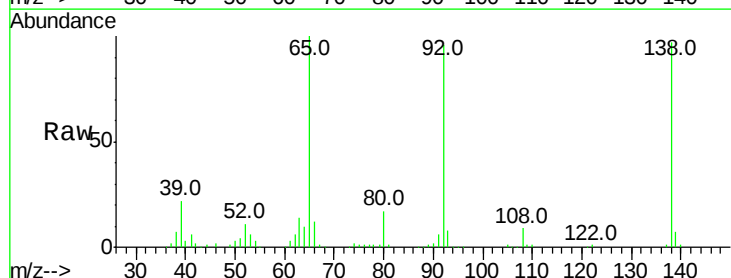
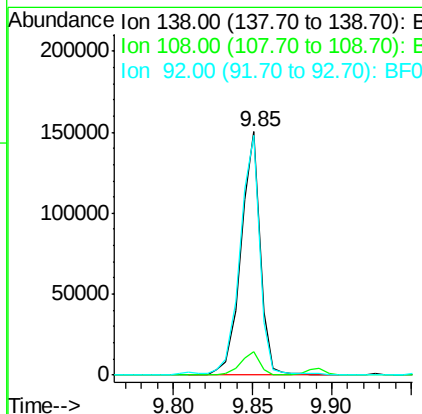
RT: 9.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Tgt Ion:	138	Resp:	126458
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.4	14.0
92	98.4	89.4	134.2





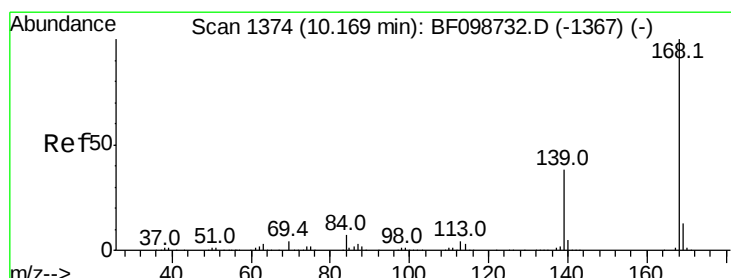
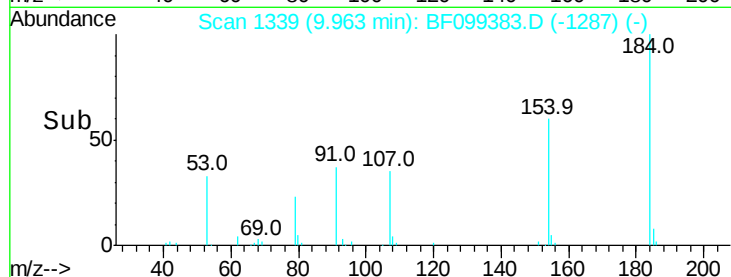
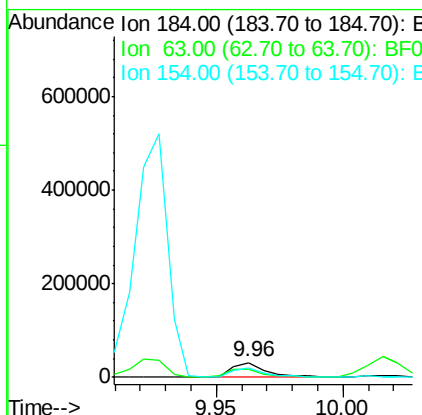
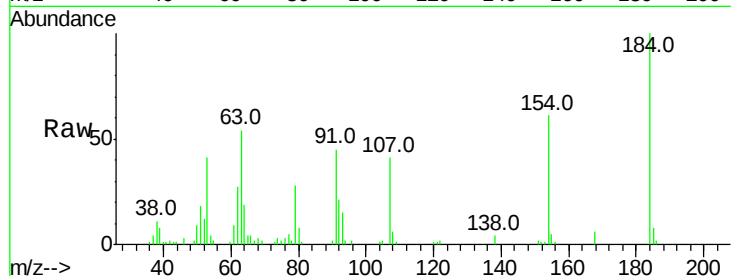
#53
2,4-Dinitrophenol
Concen: 22.204 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.3	54.2	81.2
154	61.3	53.5	80.3

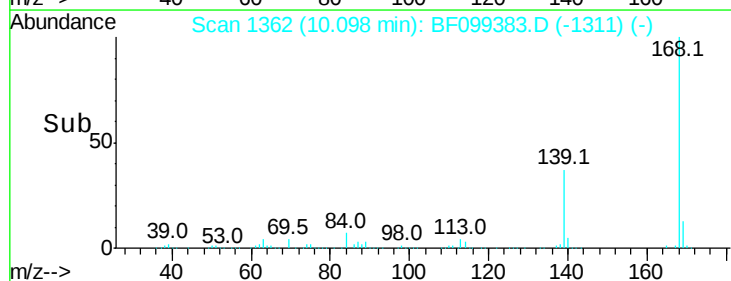
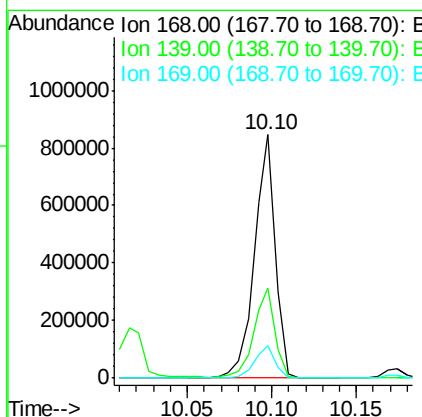
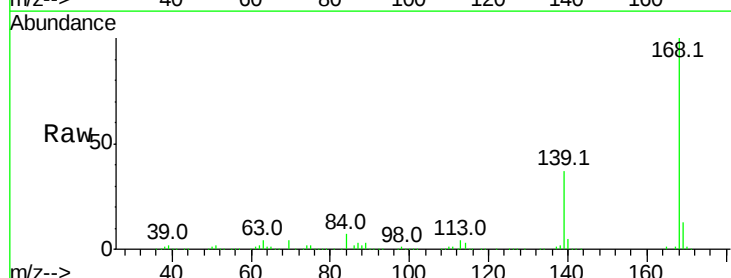
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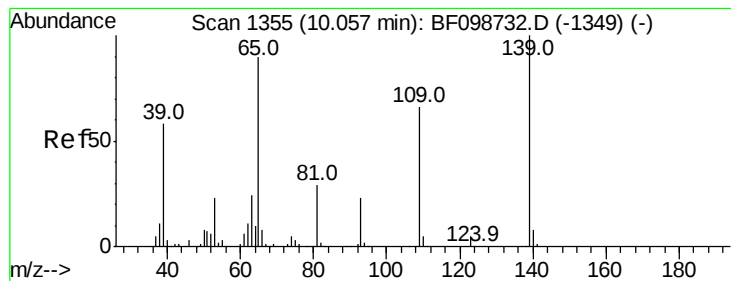
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#54
Dibenzofuran
Concen: 43.079 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.1	45.1
169	13.1	10.9	16.3





#55

4-Nitrophenol

Concen: 55.764 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

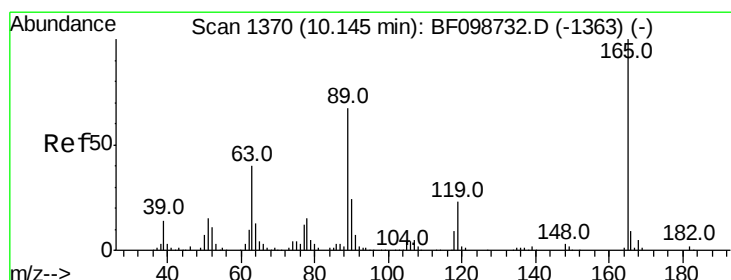
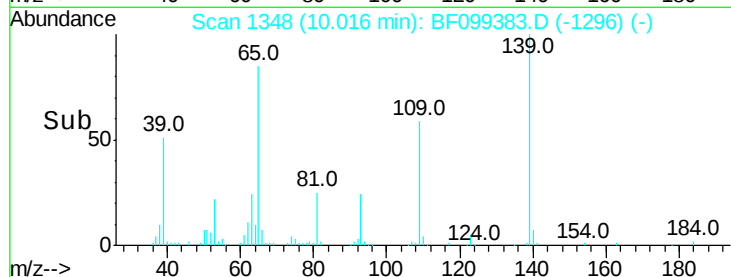
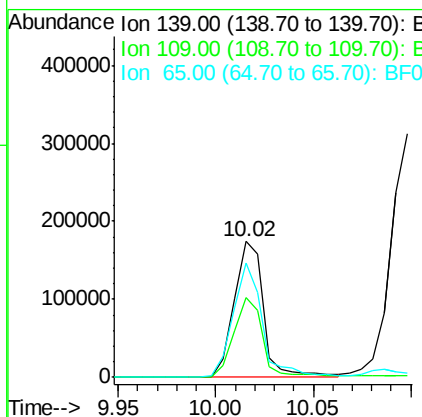
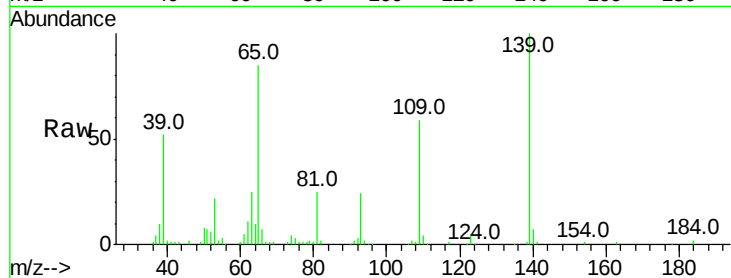
ClientSampleId :

PB103152BSD

Tot Ion:	139	Resp:	183273
Ion Ratio	Lower	Upper	
139	100		
109	58.6	48.4	88.4
65	84.6	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 42.073 ng

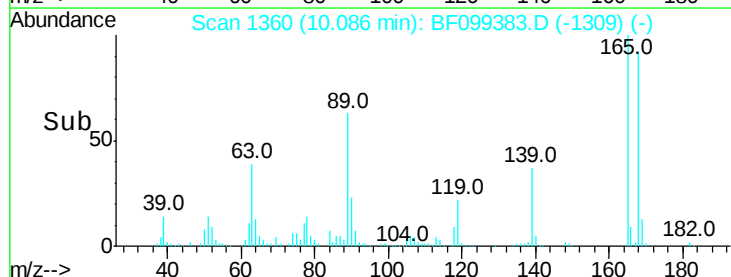
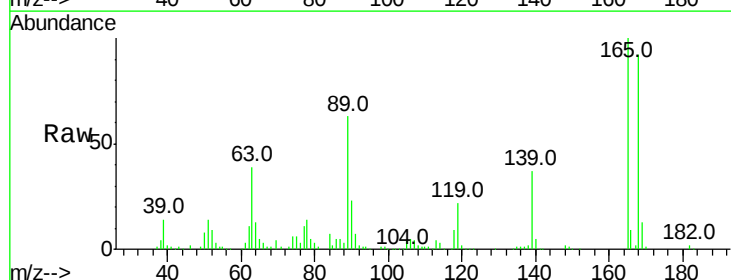
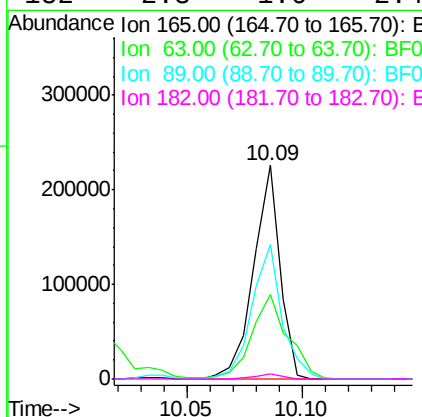
RT: 10.09 min Scan# 1360

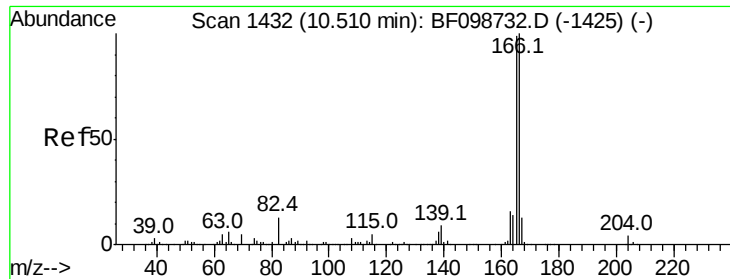
Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Tgt Ion:	165	Resp:	182018
Ion Ratio	Lower	Upper	
165	100		
63	39.5	36.4	54.6
89	63.1	57.8	86.6
182	2.3	1.6	2.4





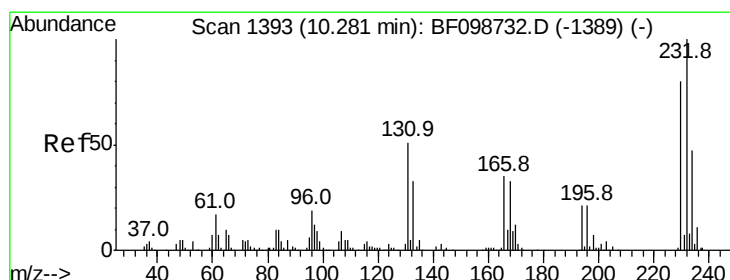
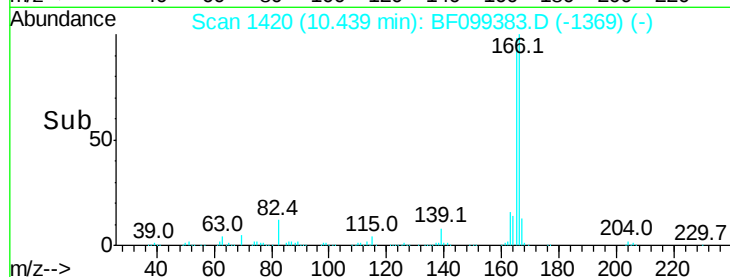
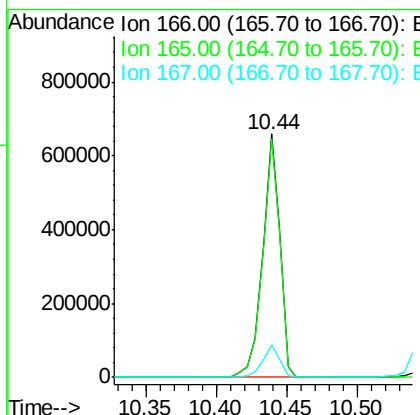
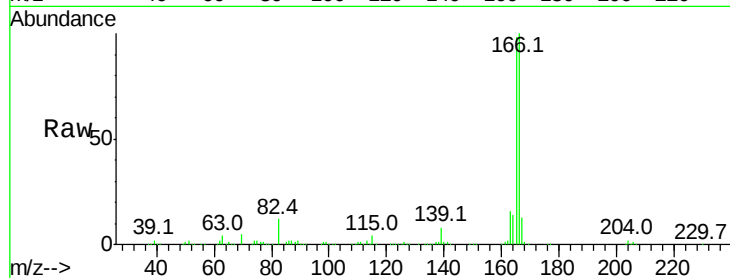
#57
 Fluorene
 Concen: 42.022 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	570885		
165	97.9	79.8	119.8	
167	13.1	10.6	16.0	

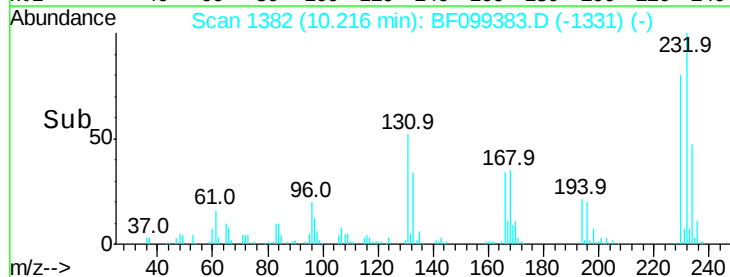
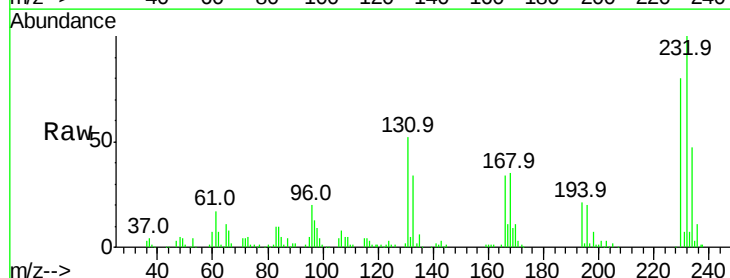
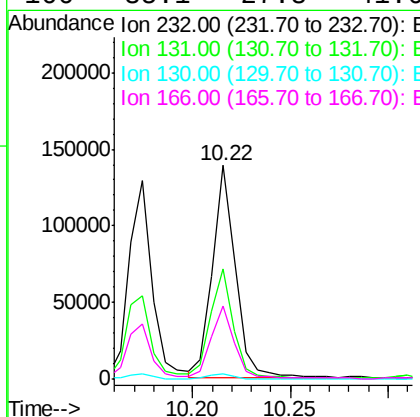
Manual Integrations
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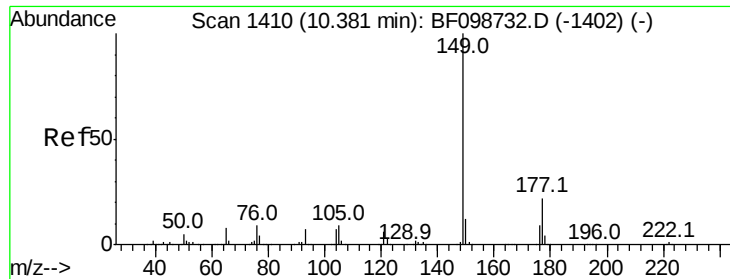
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.754 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	114545		
131	53.0	43.8	65.8	
130	2.5	2.1	3.1	
166	35.1	27.8	41.6	





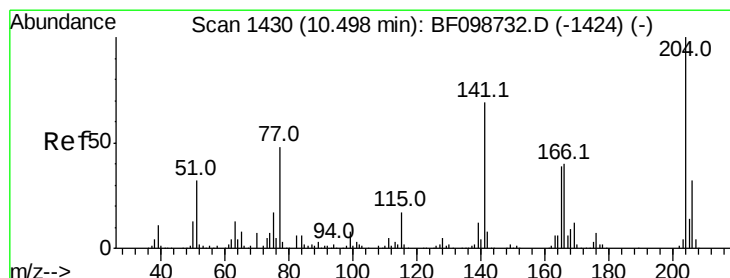
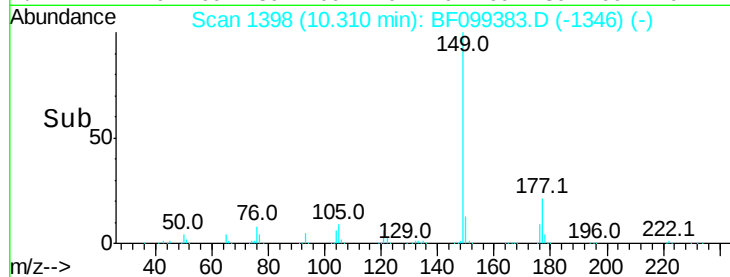
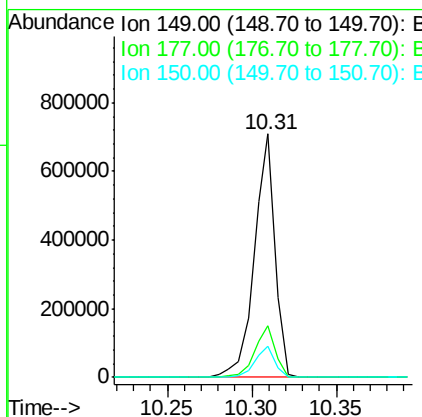
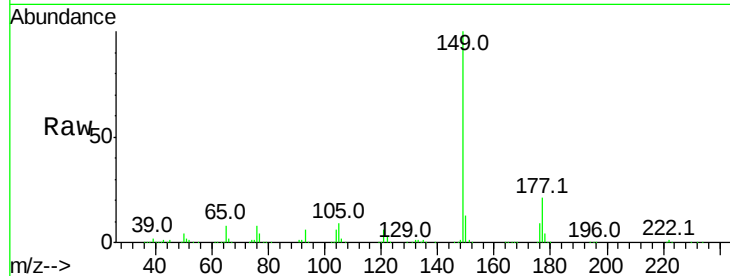
#59
Diethylphthalate
Concen: 40.445 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	13.0	10.1	15.1

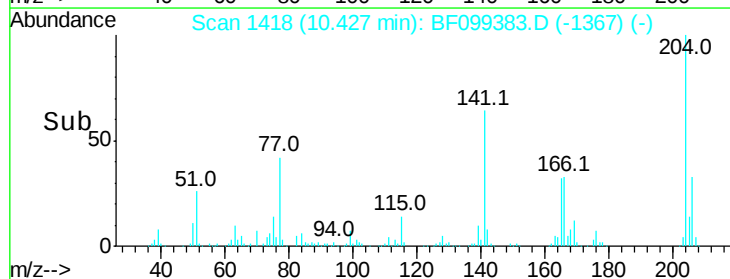
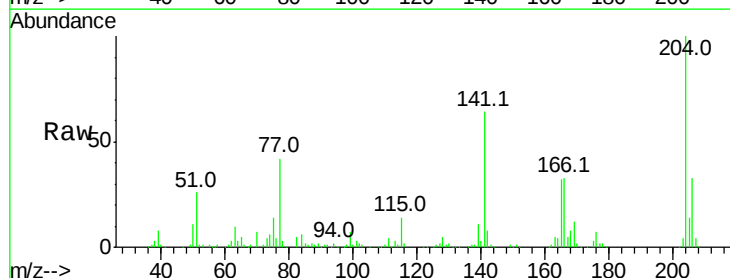
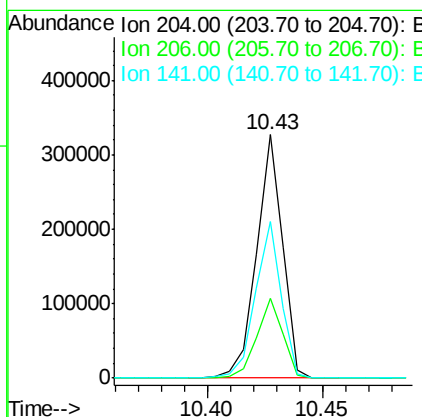
Manual Integrations
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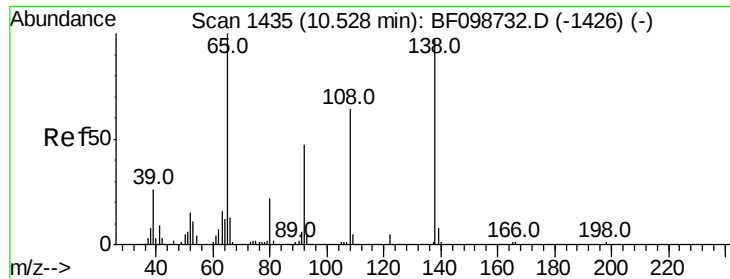
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 42.161 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.5	39.7
141	64.1	54.6	81.8





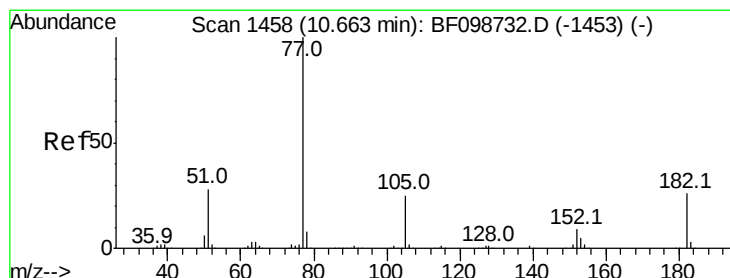
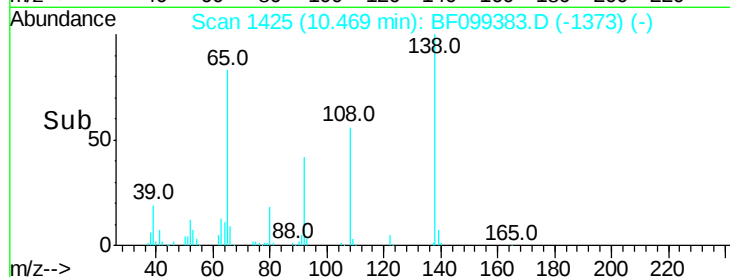
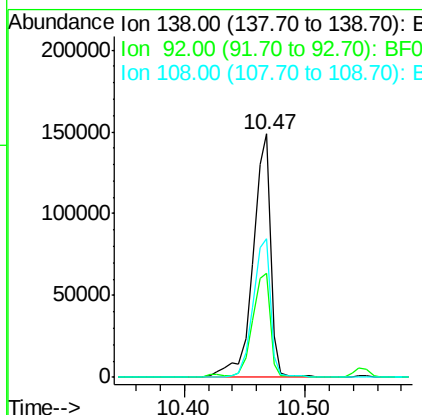
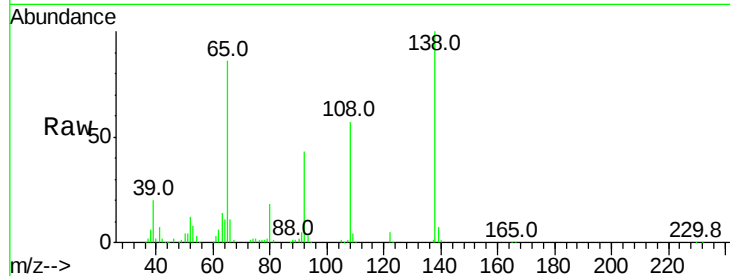
#61
4-Nitroaniline
Concen: 40.612 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	42.6	30.2	70.2
108	57.2	52.5	92.5

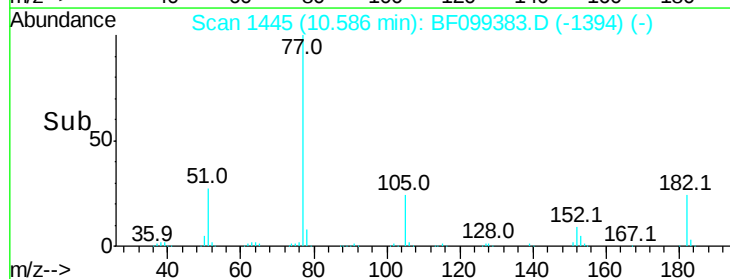
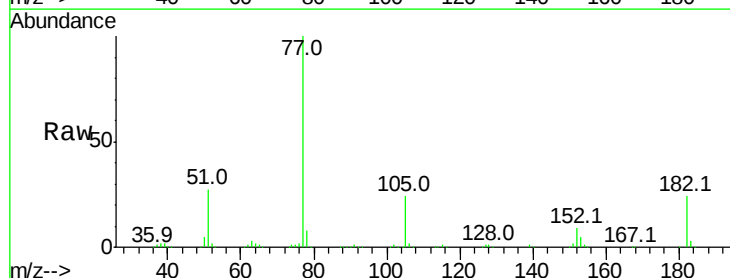
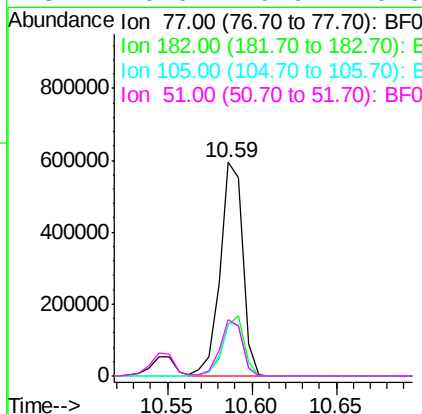
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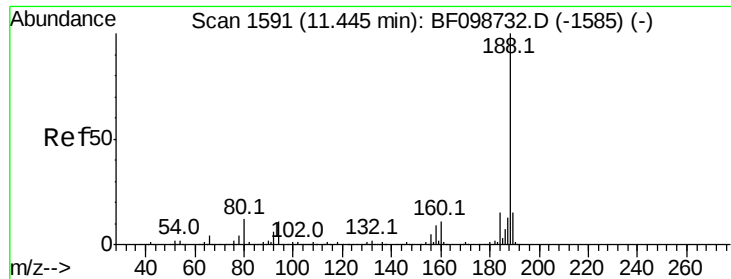
Sohil
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#62
Azobenzene
Concen: 40.178 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.8	1.7	41.7
105	24.3	3.0	43.0
51	26.6	9.9	49.9





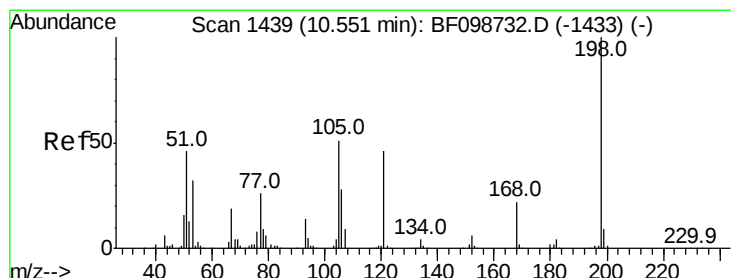
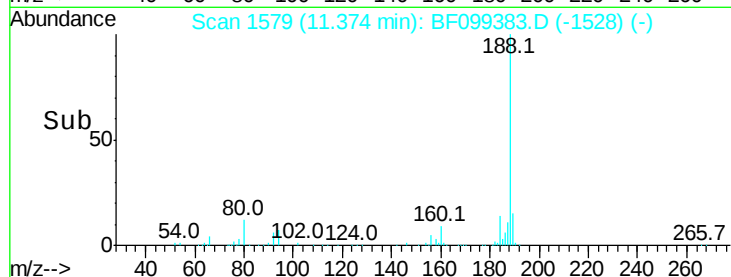
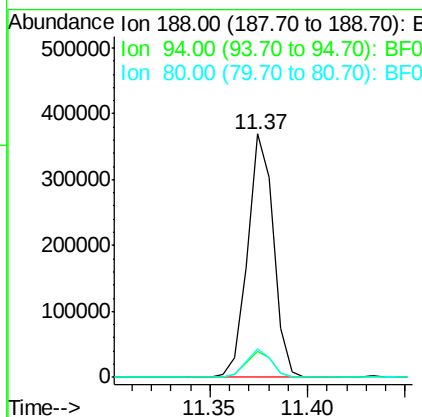
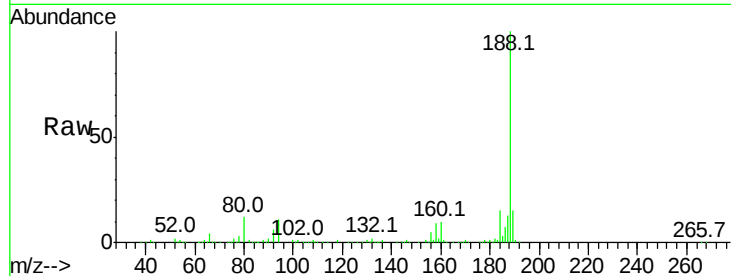
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.9	8.5	12.7	
80	11.9	9.2	13.8	

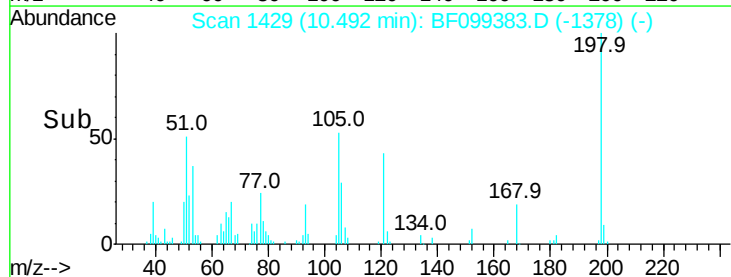
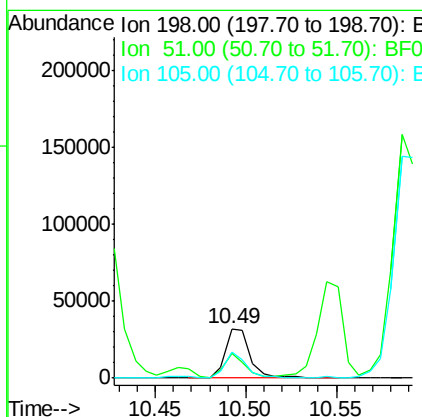
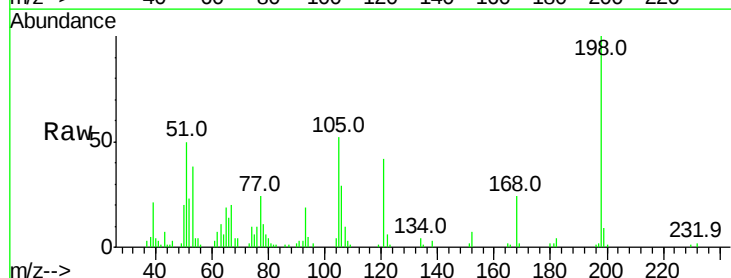
Manual Integrations
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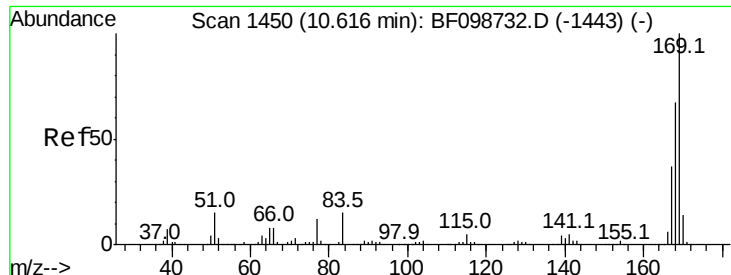
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 14.785 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	50.2	37.7	77.7	
105	52.4	36.3	76.3	





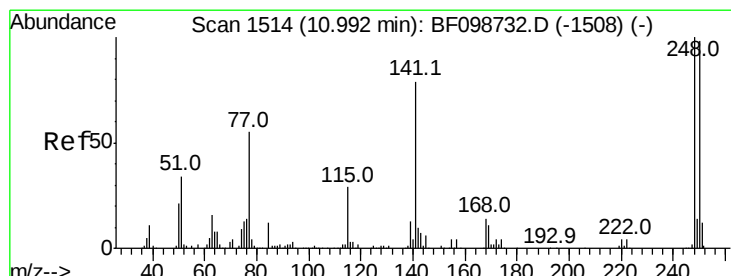
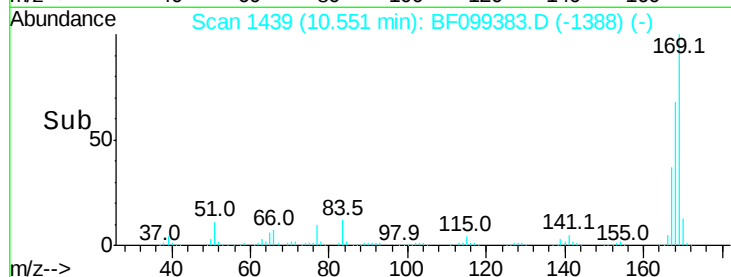
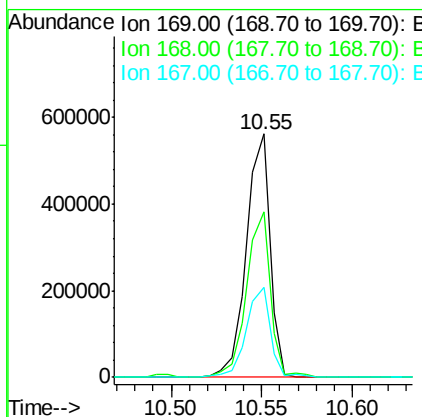
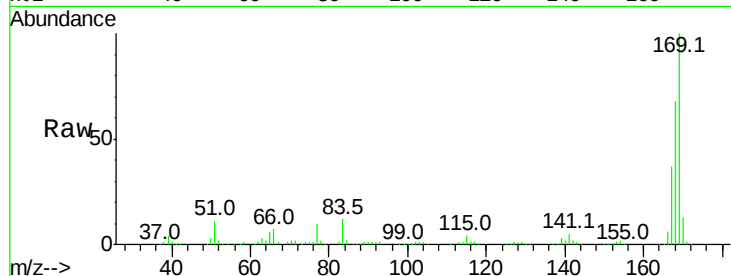
#65
n-Nitrosodiphenylamine
Concen: 43.734 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	511755		
168	67.9		54.4	81.6
167	37.1		29.8	44.6

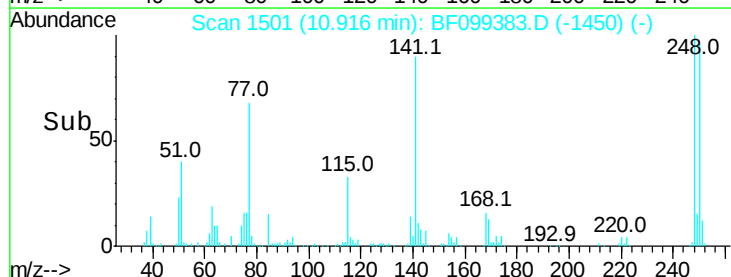
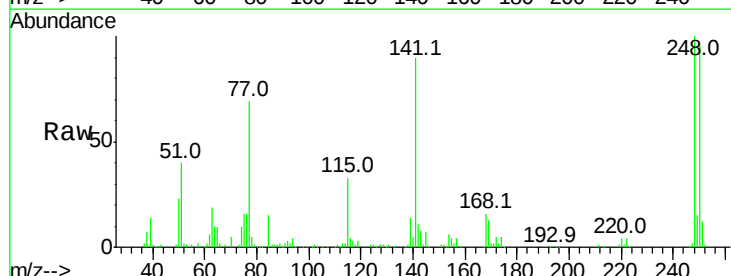
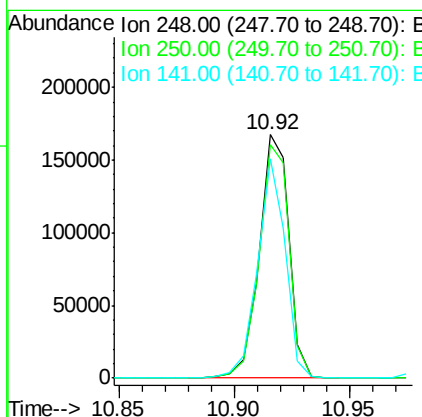
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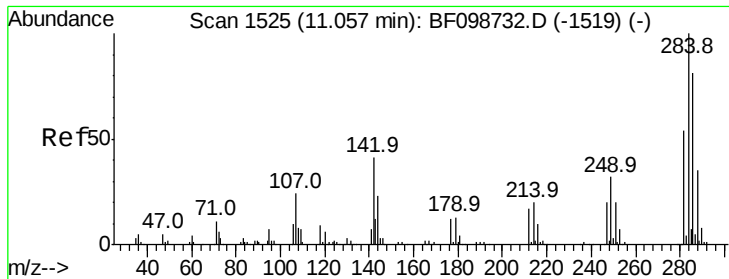
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 45.383 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	150046		
250	95.9		76.9	115.3
141	90.3		74.4	111.6





#67

Hexachlorobenzene

Concen: 41.685 ng

RT: 10.99 min Scan# 1513

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

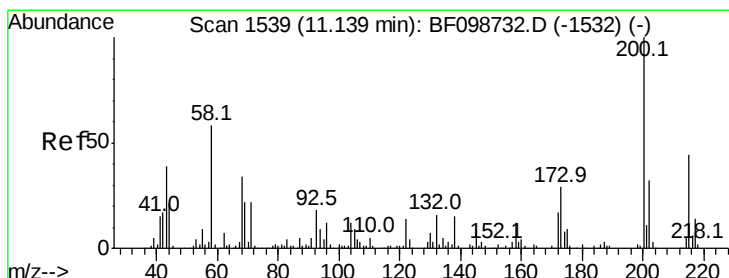
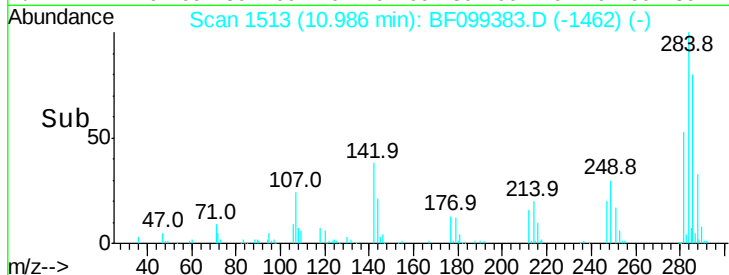
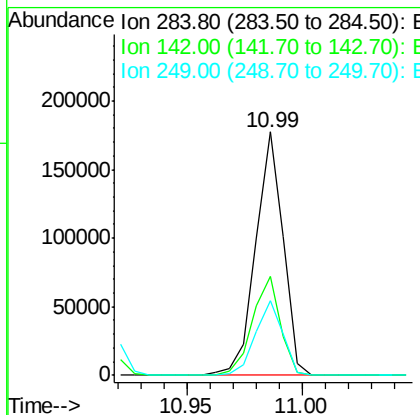
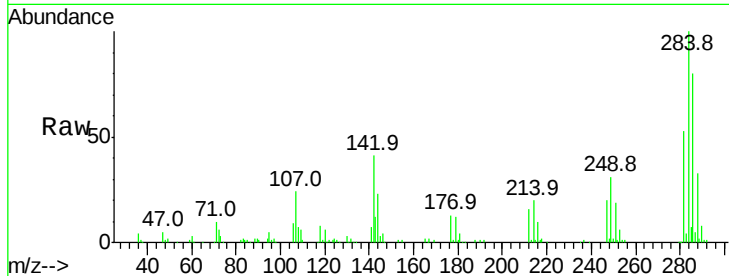
ClientSampleId :

PB103152BSD

Tot Ion:	284	Resp:	147200
Ion Ratio	Lower	Upper	
284	100		
142	40.6	34.6	52.0
249	30.8	24.8	37.2

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#68

Atrazine

Concen: 44.117 ng

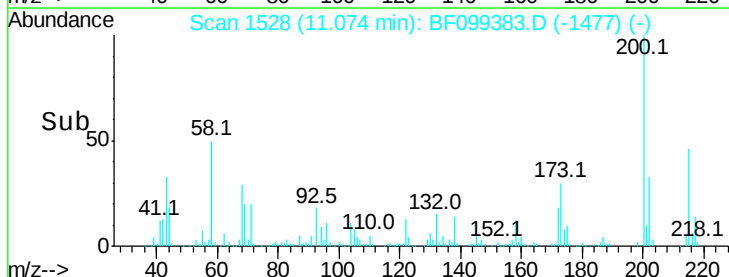
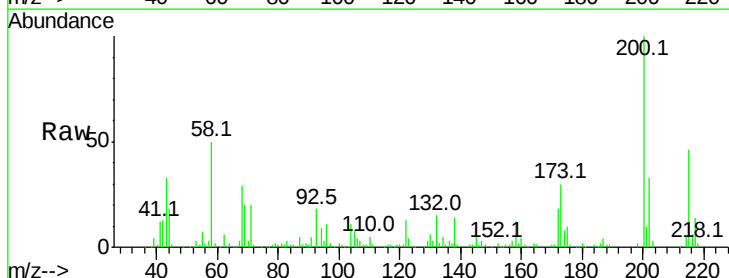
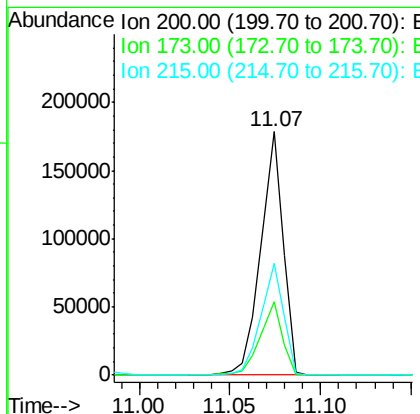
RT: 11.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Tgt Ion:	200	Resp:	155320
Ion Ratio	Lower	Upper	
200	100		
173	30.3	8.6	48.6
215	46.2	25.1	65.1





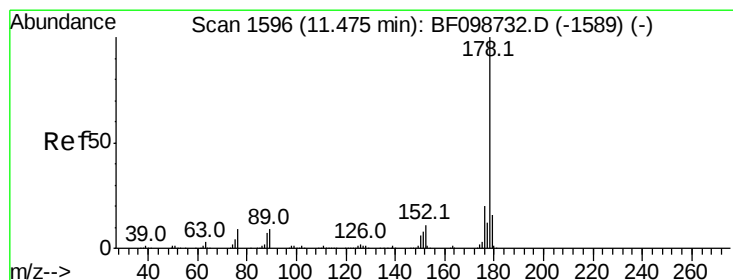
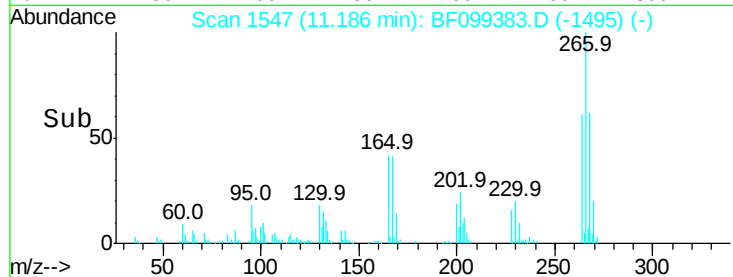
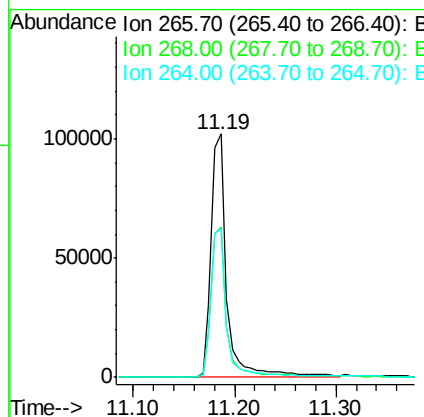
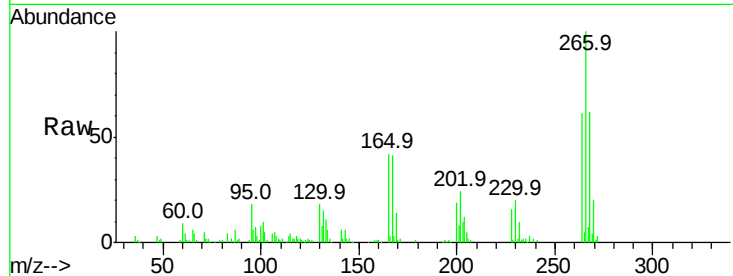
#69
 Pentachlorophenol
 Concen: 50.603 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampled :
 PB103152BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	111210		
268	61.6	51.1	76.7	
264	61.2	49.5	74.3	

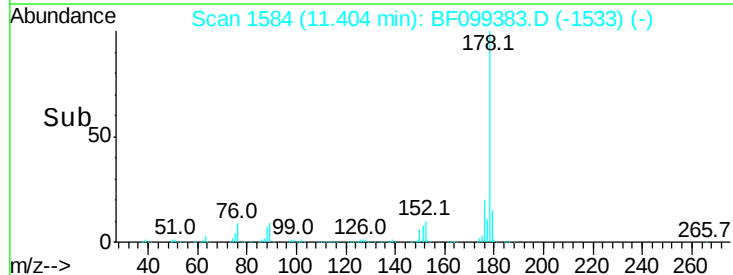
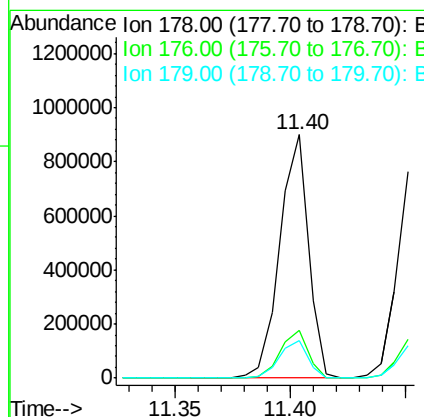
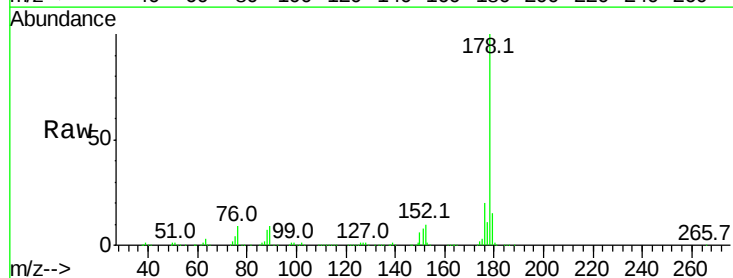
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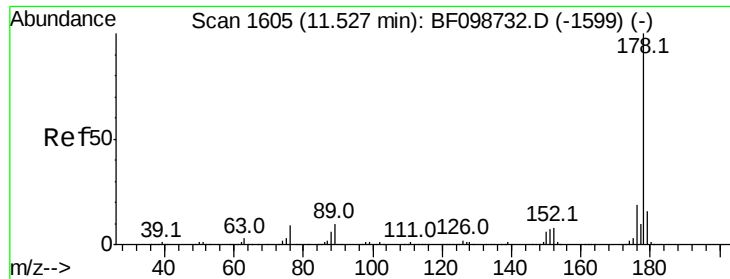
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#70
 Phenanthrene
 Concen: 42.773 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	773343		
176	19.6	15.8	23.8	
179	15.3	13.0	19.6	





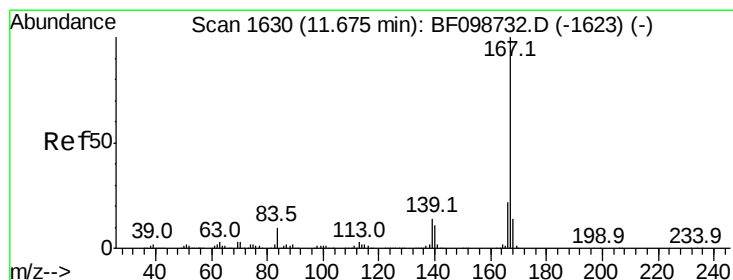
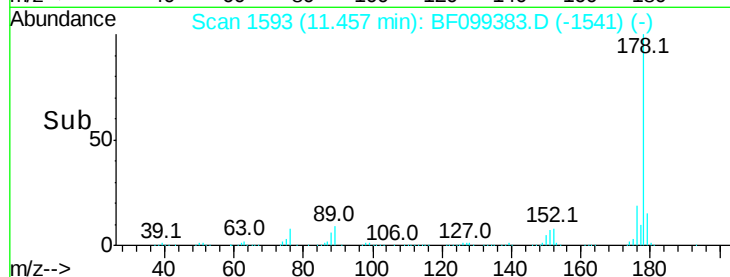
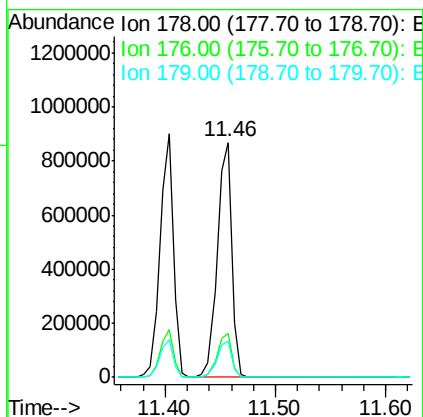
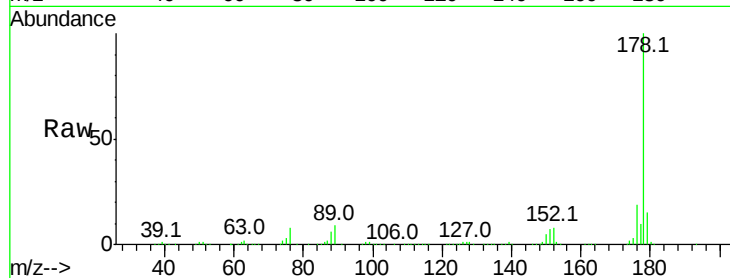
#71
 Anthracene
 Concen: 42.756 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.5	12.6	19.0

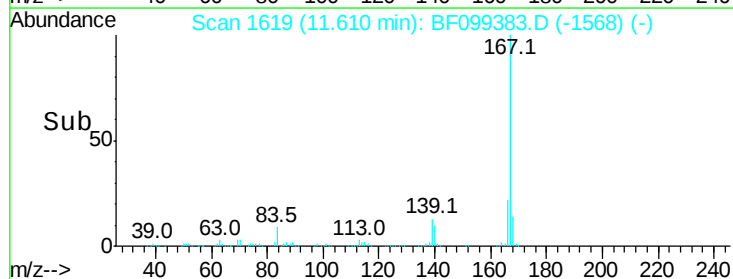
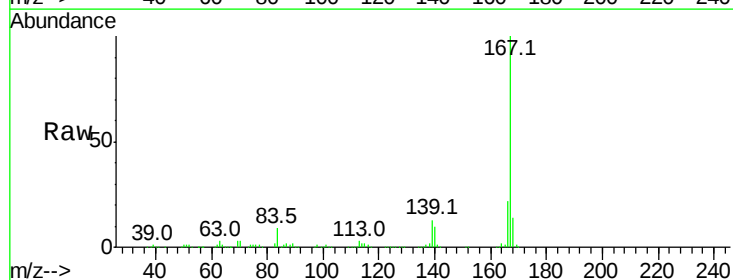
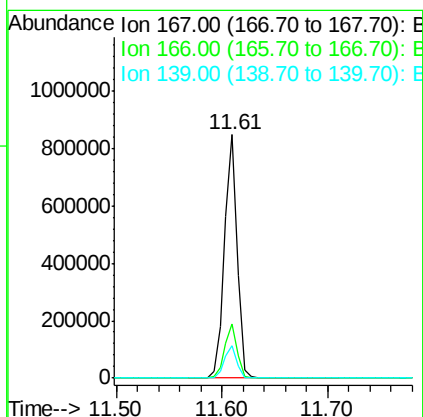
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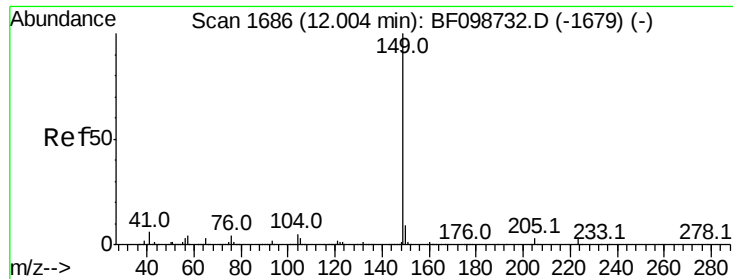
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#72
 Carbazole
 Concen: 39.412 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 42.163 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

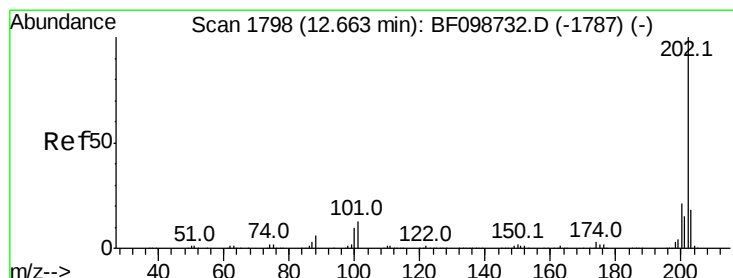
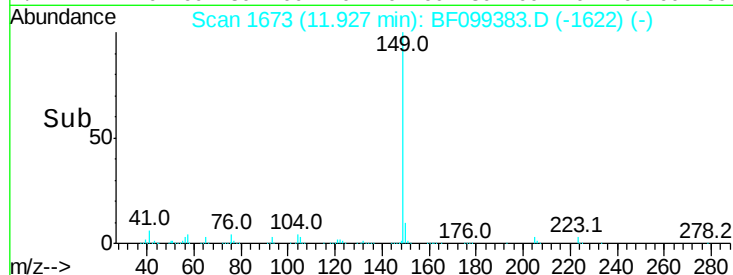
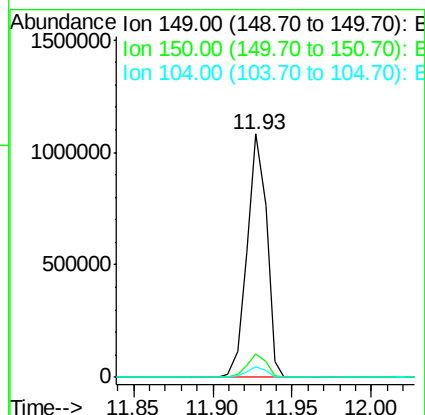
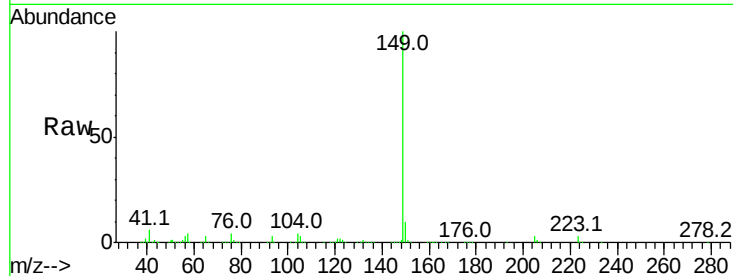
ClientSampleId :

PB103152BSD

Tot Ion:	149	Resp:	919391
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	4.4	3.8	5.8

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#74

Fluoranthene

Concen: 37.290 ng

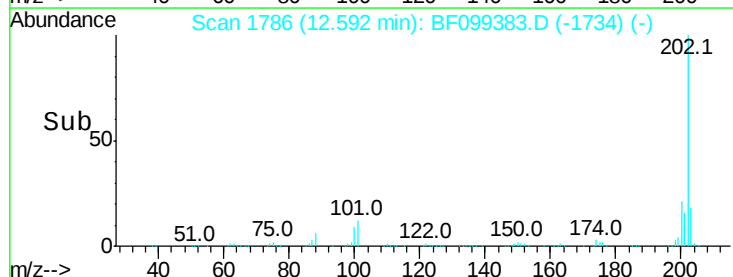
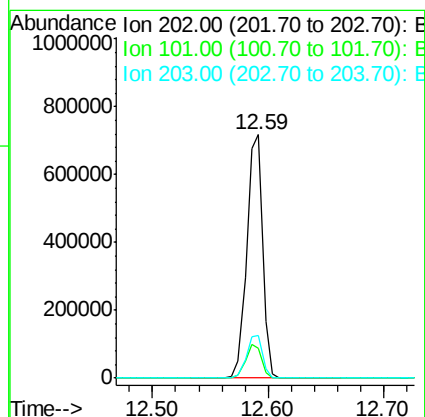
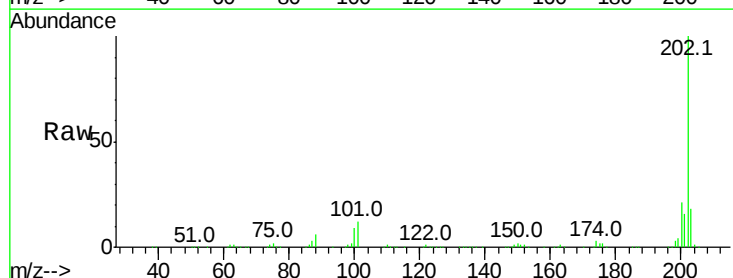
RT: 12.59 min Scan# 1786

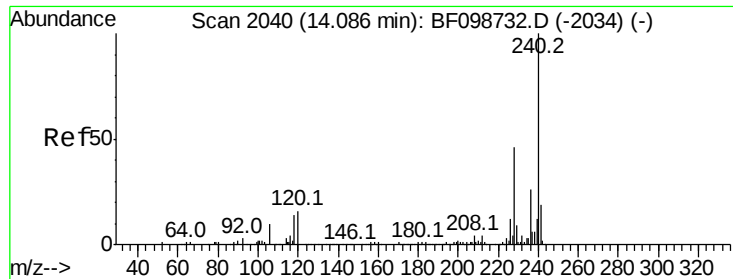
Delta R.T. 0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Tgt Ion:	202	Resp:	682705
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

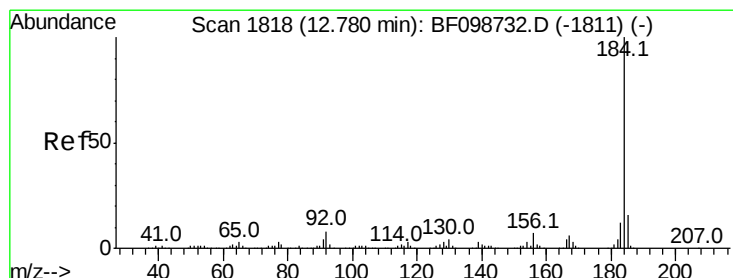
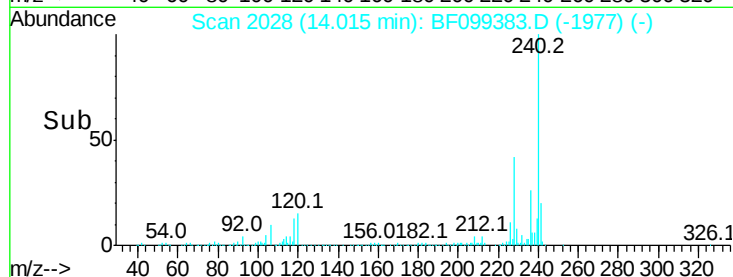
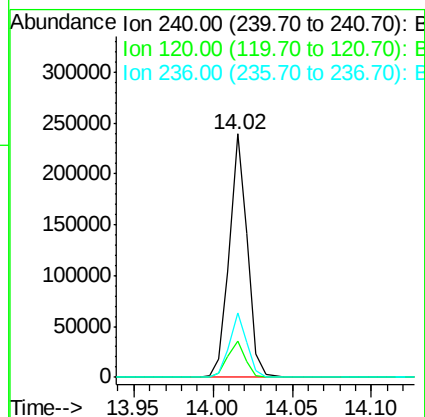
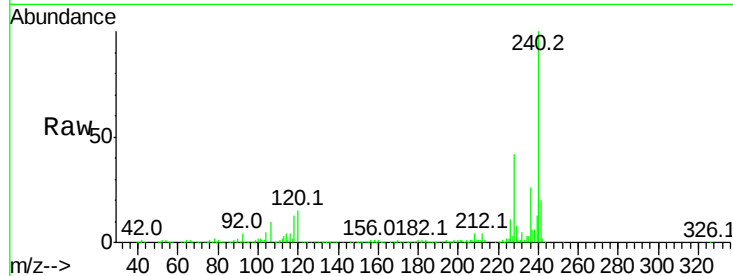
ClientSampleId :

PB103152BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.0	9.5	14.3#	
236	26.4	20.7	31.1	

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#76

Benzidine

Concen: 46.264 ng

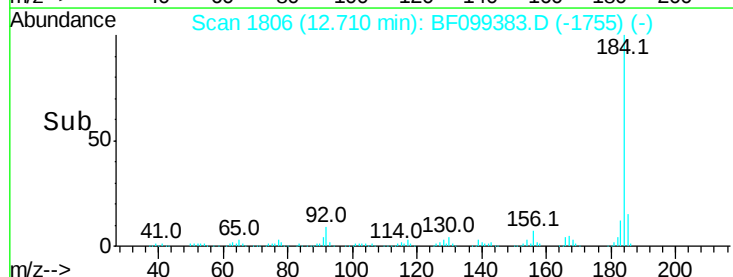
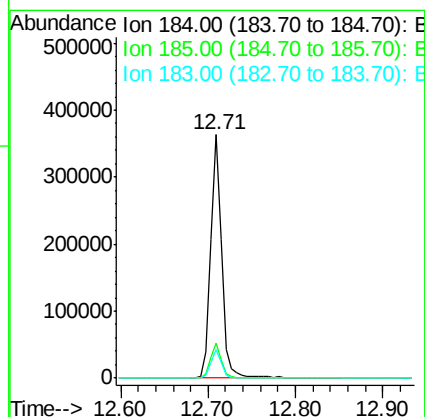
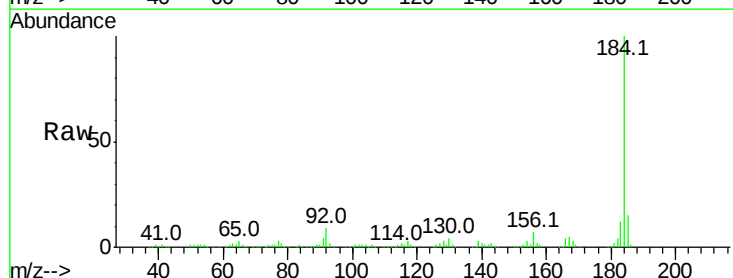
RT: 12.71 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.6	12.6	18.8	
183	11.8	9.3	13.9	





#77

Pvrene

Concen: 47.266 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

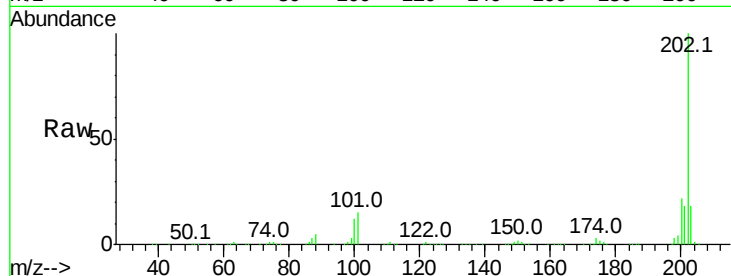
ClientSampleId :

PB103152BSD

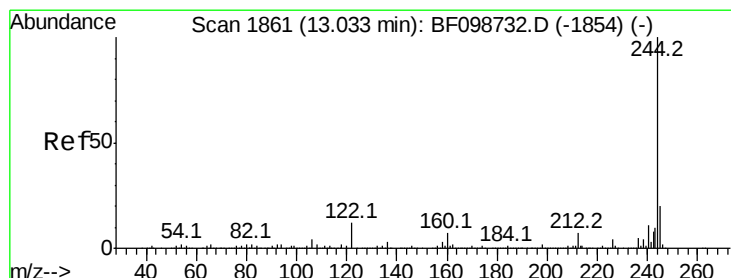
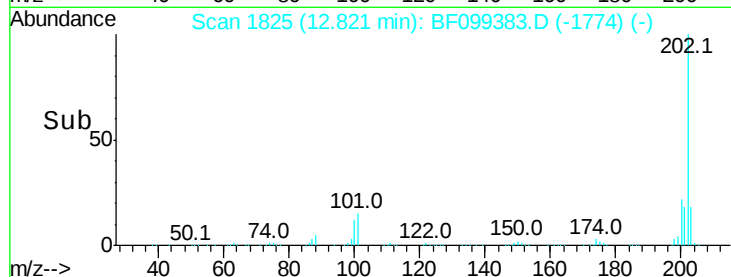
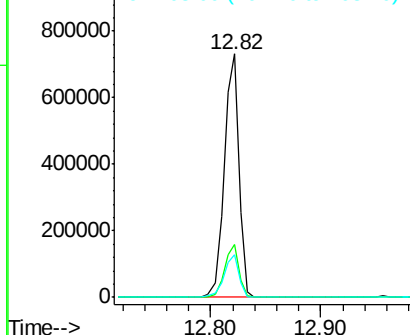
Tot Ion	Ratio	Resp	Lower	Upper
202	100	680131		
200	21.8		17.4	26.2
203	17.6		14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 99.649 ng

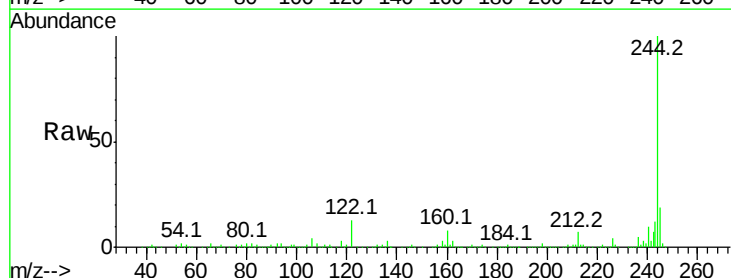
RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

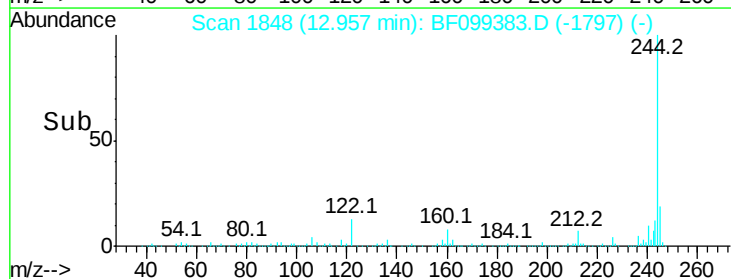
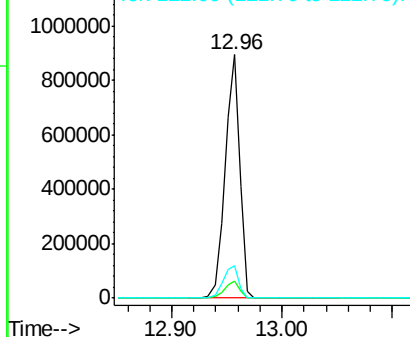
Lab File: BF099383.D

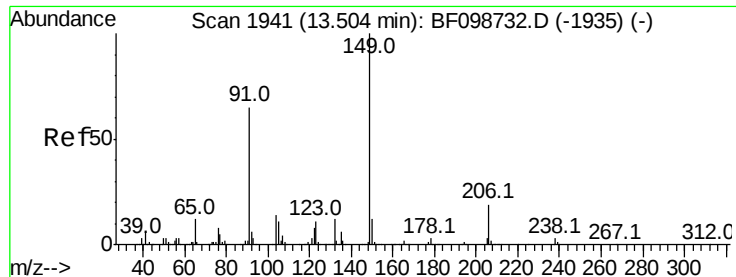
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	826841		
212	7.0		5.4	8.0
122	13.3		11.0	16.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





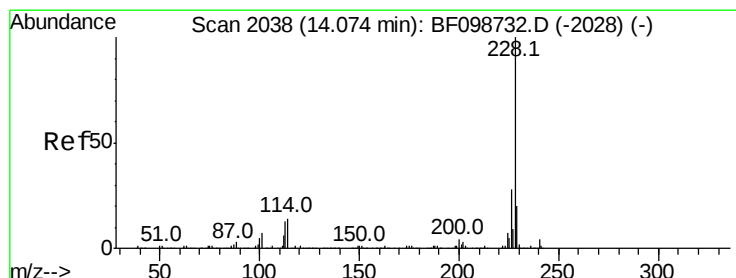
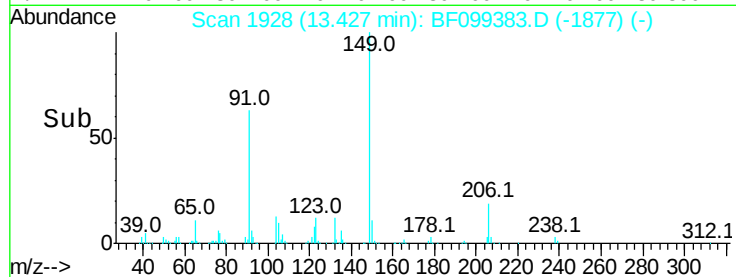
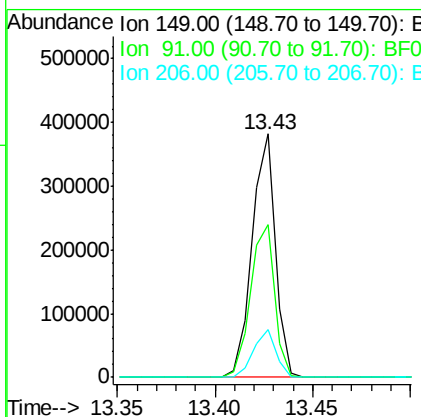
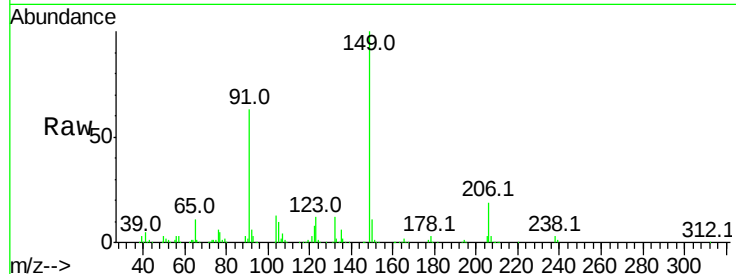
#79
 Butylbenzylphthalate
 Concen: 46.764 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BSD

Tot Ion:	149	Resp:	316251
Ion Ratio	Lower	Upper	
149	100		
91	62.8	56.8	85.2
206	19.4	14.1	21.1

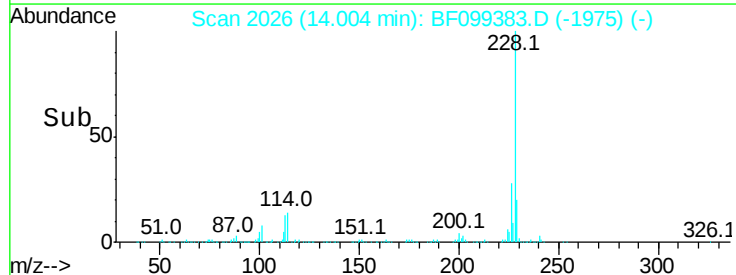
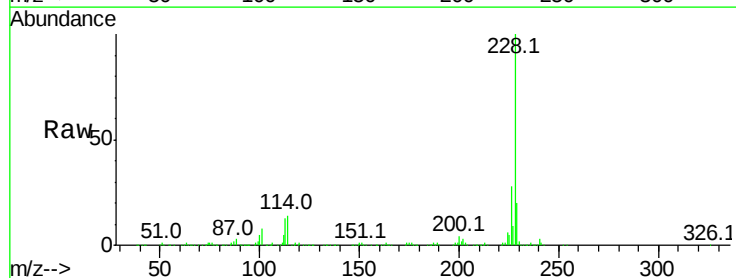
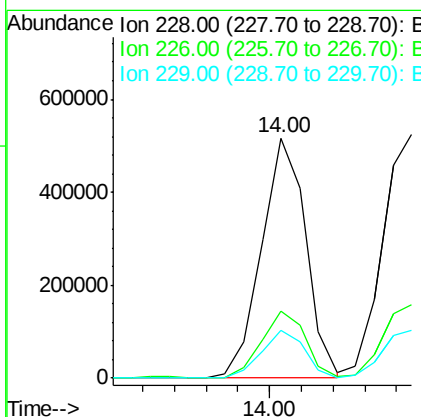
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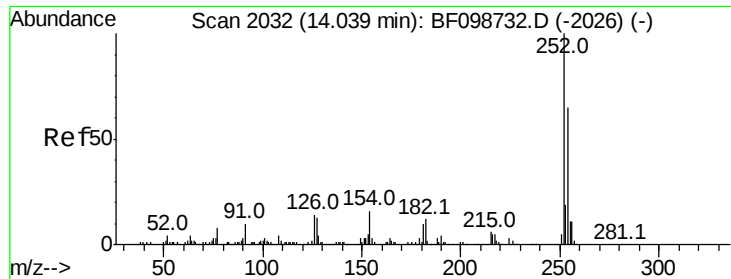
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#80
 Benzo(a)anthracene
 Concen: 43.937 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion:	228	Resp:	502042
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.6	33.8
229	19.7	15.8	23.6





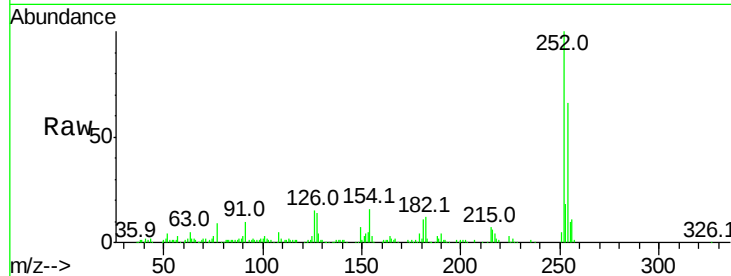
#81
 3,3'-Dichlorobenzidine
 Concen: 38.327 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BSD

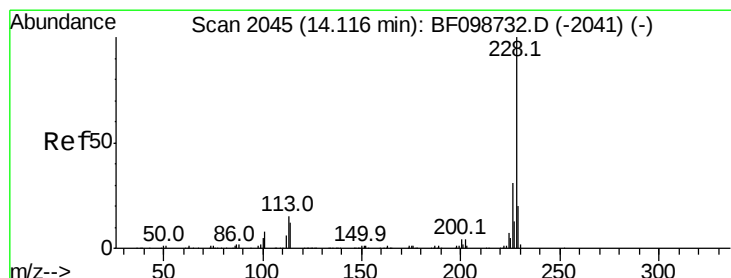
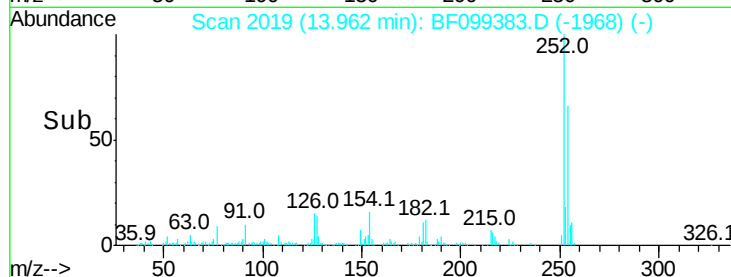
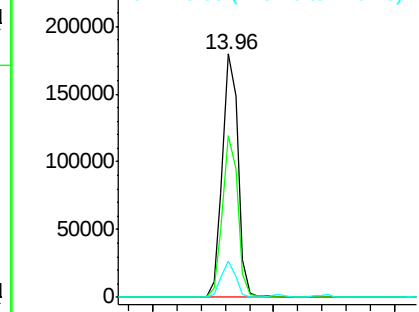
Tot Ion	Ratio	Resp	Lower	Upper
252	100	160542		
254	66.4	50.4	75.6	
126	14.7	11.3	16.9	

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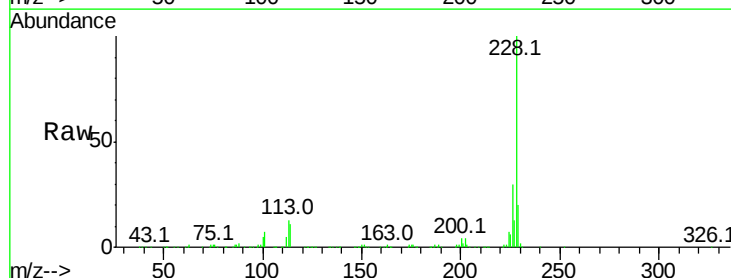


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

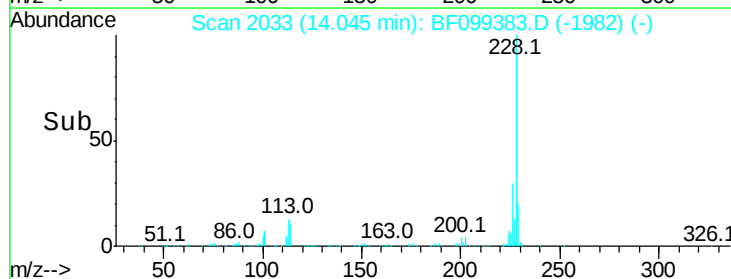
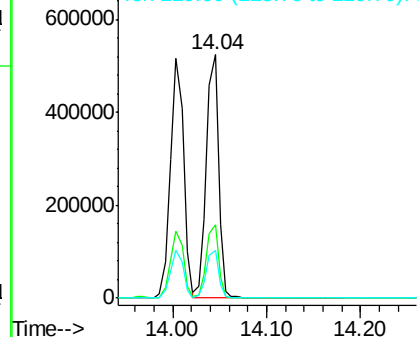


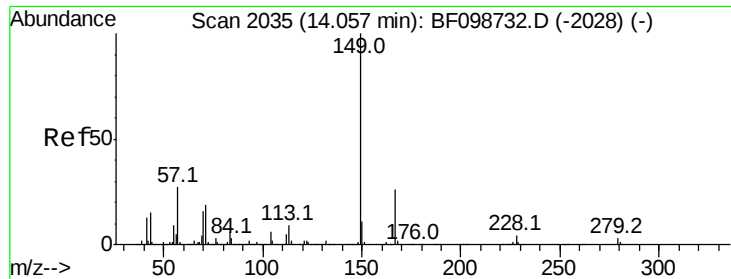
#82
 Chrysene
 Concen: 44.410 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	483110		
226	30.2	25.0	37.6	
229	19.6	16.2	24.4	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.408 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF099383.D

Acq: 12 Oct 2017 10:03

Instrument :

BNA_F

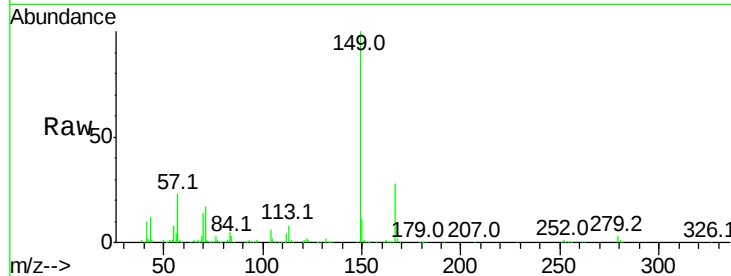
ClientSampleId :

PB103152BSD

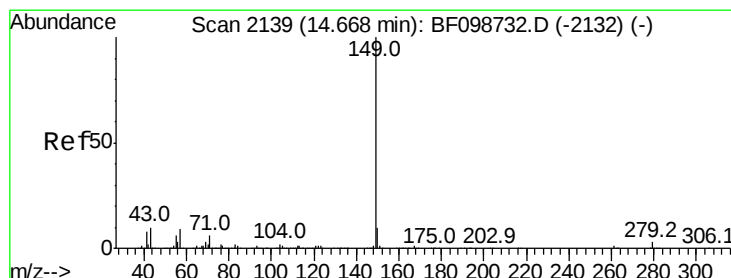
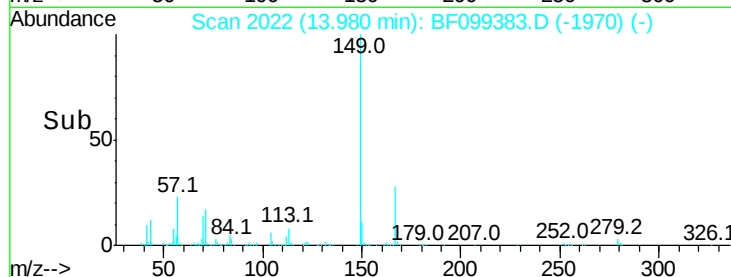
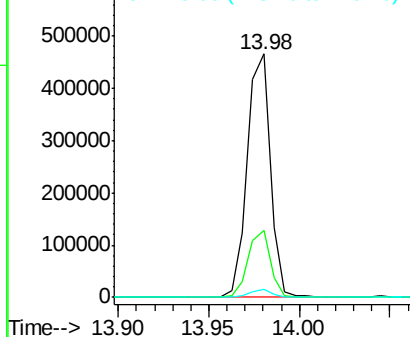
Tot Ion:	149	Resp:	413521
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.3	31.9
279	3.5	3.0	4.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.566 ng

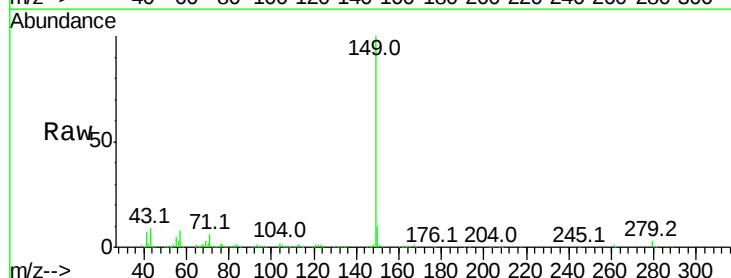
RT: 14.59 min Scan# 2125

Delta R.T. -0.00 min

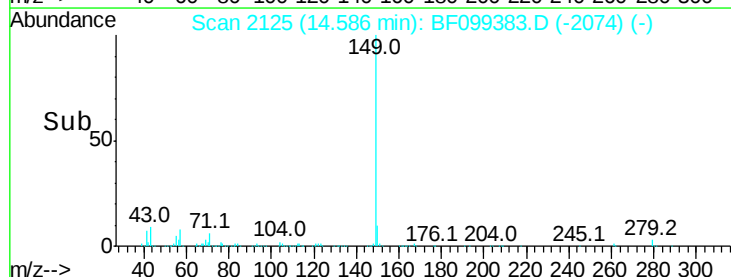
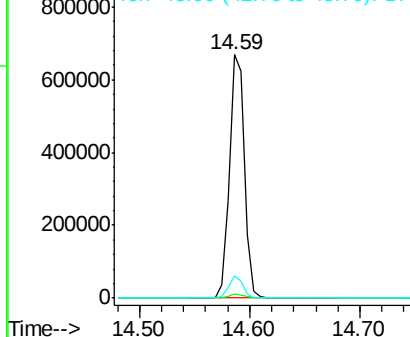
Lab File: BF099383.D

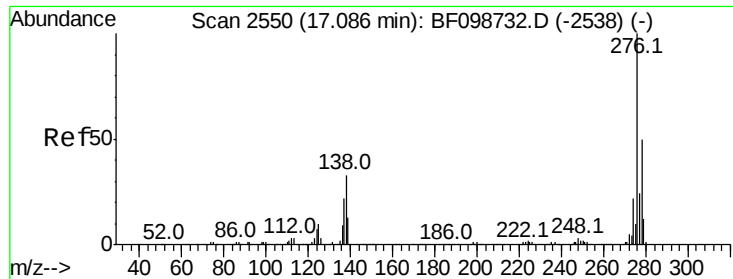
Acq: 12 Oct 2017 10:03

Tgt Ion:	149	Resp:	638229
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.7	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





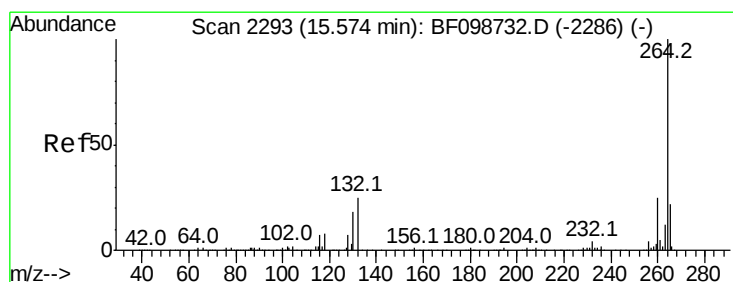
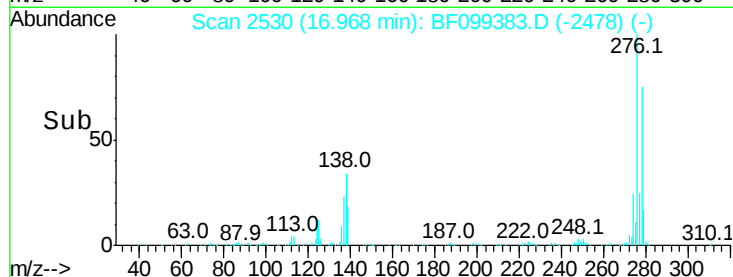
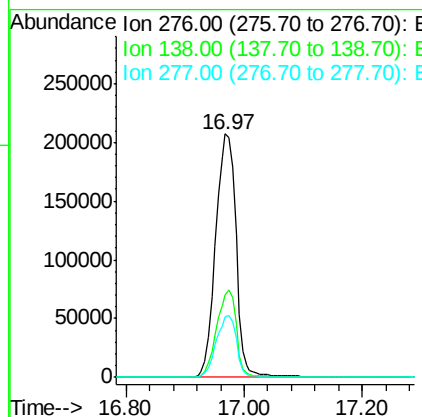
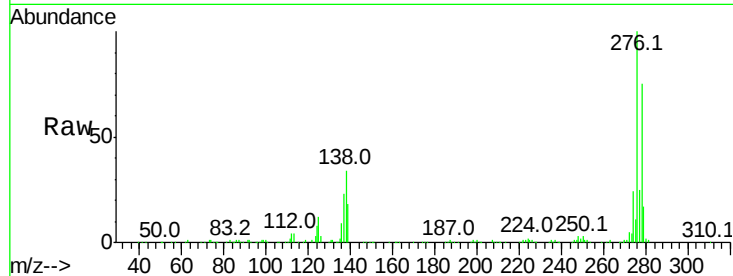
#85
Indeno(1,2,3-cd)pyrene
Concen: 57.425 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	25.0	37.6
277	25.2	20.1	30.1

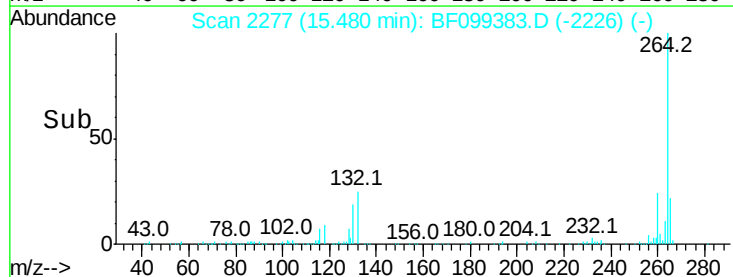
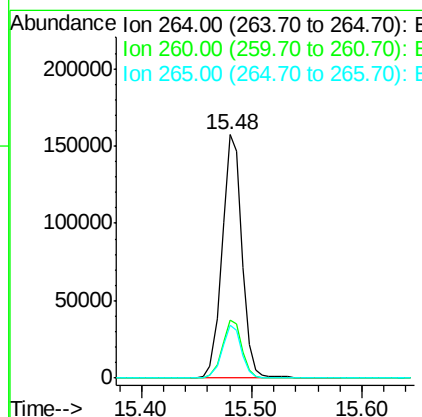
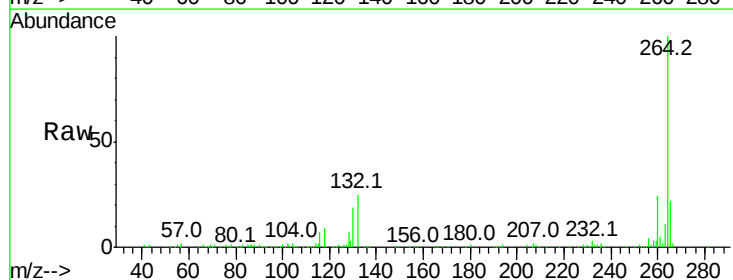
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.9	17.5	26.3





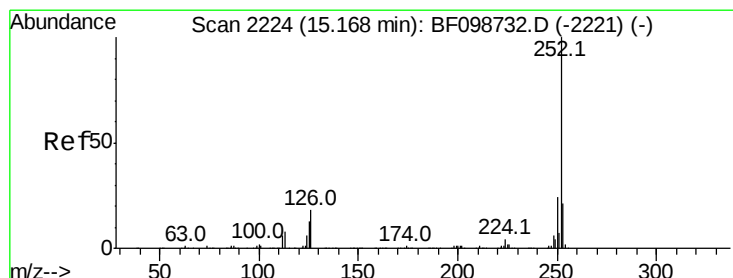
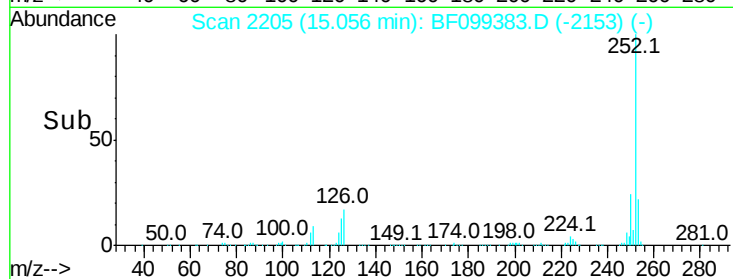
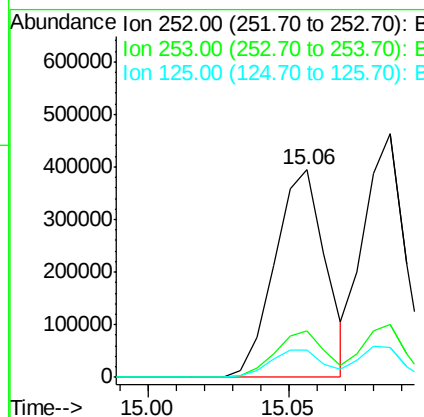
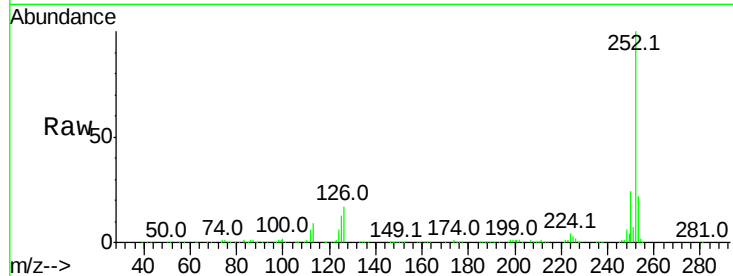
#87
Benzo(b)fluoranthene
Concen: 40.745 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	12.9	9.0	13.6

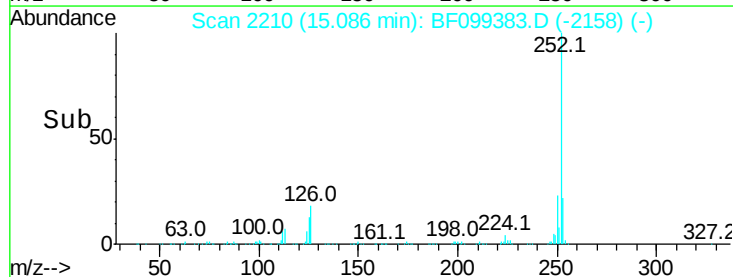
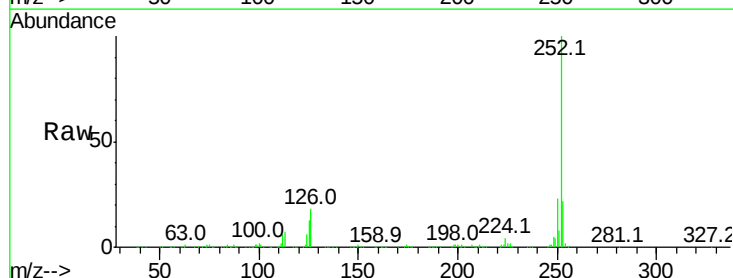
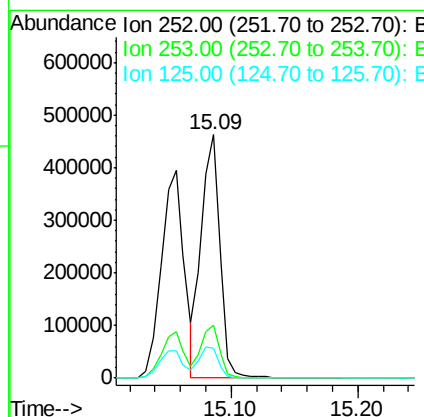
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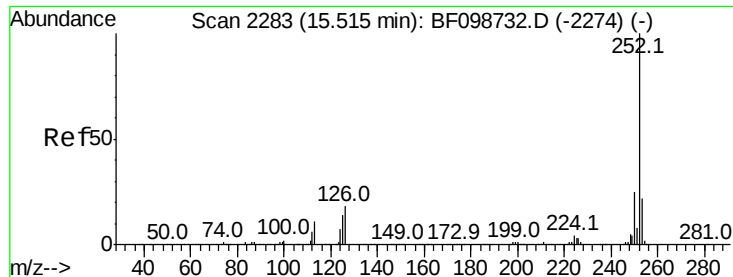
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#88
Benzo(k)fluoranthene
Concen: 39.362 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.5	10.2	15.2





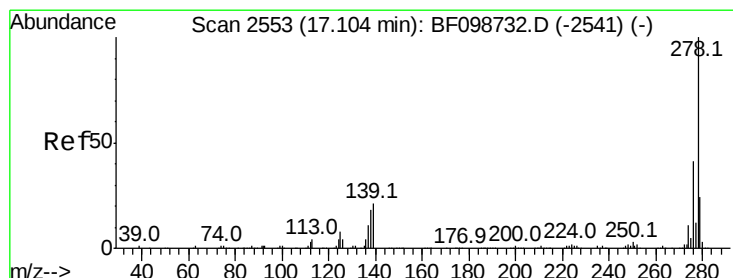
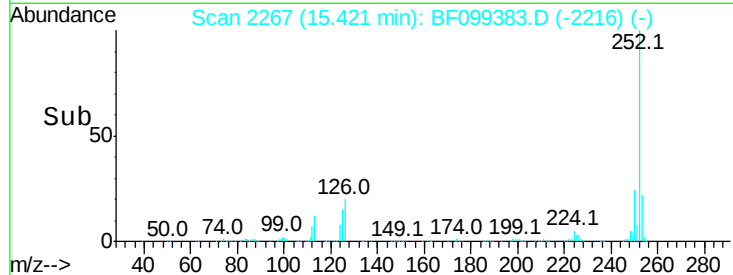
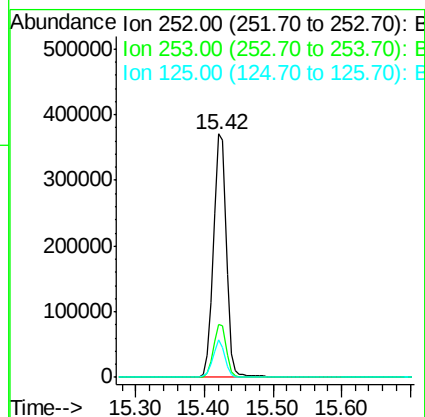
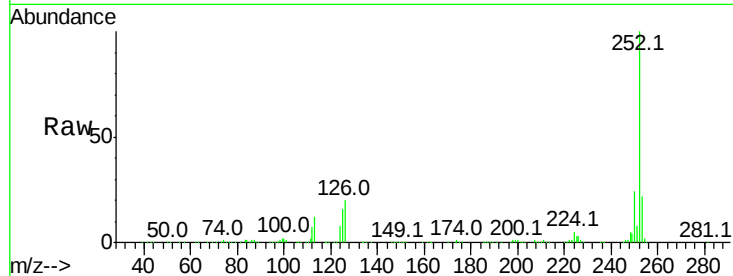
#89
Benzo(a)pyrene
Concen: 43.582 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

Instrument :
BNA_F
ClientSampleId :
PB103152BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	15.5	9.8	14.6

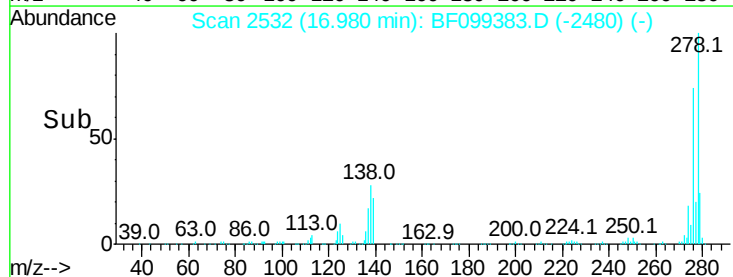
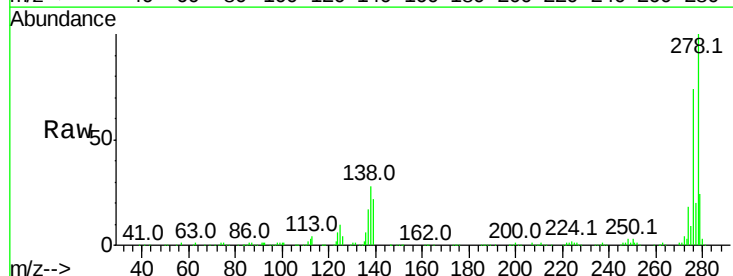
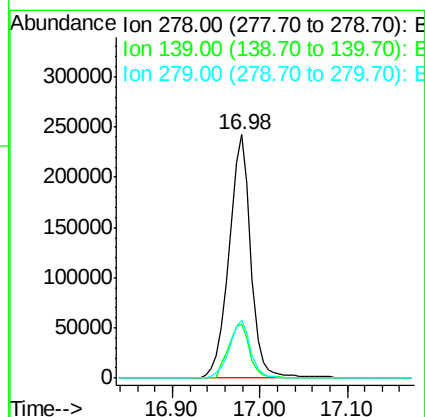
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#90
Dibenzo(a,h)anthracene
Concen: 46.656 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF099383.D
Acq: 12 Oct 2017 10:03

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





#91
 Benzo(a,h,i)perylene
 Concen: 46.029 ng
 RT: 17.42 min Scan# 2606
 Delta R.T. 0.01 min
 Lab File: BF099383.D
 Acq: 12 Oct 2017 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB103152BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	30.2	21.8	32.8

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