

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099260.D
 Acq On : 9 Oct 2017 14:15
 Operator : SJ/JU
 Sample : PB103065BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103065BS

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:10:26 PM

Quant Time: Oct 09 17:22:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	103425	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	436669	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	204345	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	378985	20.00	ng	0.00
75) Chrysene-d12	14.03	240	298237	20.00	ng	0.00
86) Perylene-d12	15.50	264	244755	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	892873	137.43	ng	0.02
7) Phenol-d6	6.50	99	1088700	135.84	ng	0.00
23) Nitrobenzene-d5	7.43	82	655682	96.29	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	244269	146.09	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1231688	100.62	ng	0.00
78) Terphenyl-d14	12.97	244	1158850	88.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	119278	38.433	ng	94
3) Pyridine	3.51	79	337111	40.153	ng	93
4) n-Nitrosodimethylamine	3.46	42	132674	37.266	ng	# 78
6) Aniline	6.53	93	302115	27.929	ng	97
8) 2-Chlorophenol	6.66	128	325714	44.270	ng	93
9) Benzaldehyde	6.42	77	122747	26.402	ng	96
10) Phenol	6.52	94	401899	44.837	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	298356	42.816	ng	97
12) 1,3-Dichlorobenzene	6.80	146	341898	44.371	ng	99
13) 1,4-Dichlorobenzene	6.88	146	348498	44.453	ng	99
14) 1,2-Dichlorobenzene	7.03	146	323932	44.718	ng	99
15) Benzyl Alcohol	7.01	79	254448	43.276	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	422265	38.895	ng	91
17) 2-Methylphenol	7.12	107	274189	45.545	ng	97
18) Hexachloroethane	7.37	117	121140	42.989	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	202485	39.571	ng	93
20) 3+4-Methylphenols	7.27	107	323963	42.538	ng	# 72
22) Acetophenone	7.27	105	426652	40.327	ng	97
24) Nitrobenzene	7.45	77	323569	41.891	ng	94
25) Isophorone	7.69	82	594450	42.226	ng	98
26) 2-Nitrophenol	7.76	139	185337	49.898	ng	92
27) 2,4-Dimethylphenol	7.80	122	296721	42.301	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	378552	43.149	ng	99
29) 2,4-Dichlorophenol	8.00	162	281592	46.757	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	273665	45.433	ng	98
31) Naphthalene	8.17	128	919806	44.850	ng	99
32) Benzoic acid	7.94	122	197902	34.346	ng	92
33) 4-Chloroaniline	8.22	127	157010	18.333	ng	96
34) Hexachlorobutadiene	8.28	225	134653	43.401	ng	98
35) Caprolactam	8.60	113	98161m	50.812	ng	
36) 4-Chloro-3-methylphenol	8.70	107	296372	43.782	ng	95
37) 2-Methylnaphthalene	8.86	142	640044	48.007	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	254662	41.788	ng	100
40) Hexachlorocyclopentadiene	9.01	237	199864	71.764	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	186887	43.288	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	197907	45.921	nq	93
45) 1,1'-Biphenyl	9.32	154	748282	42.607	nq	98
46) 2-Chloronaphthalene	9.35	162	593984	45.046	nq	97
47) 2-Nitroaniline	9.45	65	177743	44.022	nq	92
48) Acenaphthylene	9.77	152	908004	44.983	nq	100
49) Dimethylphthalate	9.63	163	693782	44.984	nq	100
50) 2,6-Dinitrotoluene	9.69	165	159398	47.473	nq #	85
51) Acenaphthene	9.94	154	527813	41.278	nq	99
52) 3-Nitroaniline	9.86	138	127972	32.687	nq	90
53) 2,4-Dinitrophenol	9.97	184	135590	77.742	nq	89
54) Dibenzofuran	10.11	168	810473	47.605	nq	100
55) 4-Nitrophenol	10.03	139	259592	78.416	nq	88
56) 2,4-Dinitrotoluene	10.10	165	211173	48.461	nq	90
57) Fluorene	10.45	166	633031	46.261	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	149923	50.358	nq	96
59) Diethylphthalate	10.32	149	668701	44.372	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	279192	45.420	nq	98
61) 4-Nitroaniline	10.48	138	194120	51.394	nq	90
62) Azobenzene	10.60	77	615548	44.422	nq	93
64) 4,6-Dinitro-2-methylphenol	10.51	198	100675	43.661	nq #	75
65) n-Nitrosodiphenylamine	10.56	169	577306	43.971	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	166587	44.907	nq	91
67) Hexachlorobenzene	11.00	284	171928	43.394	nq	100
68) Atrazine	11.09	200	181980	46.069	nq	99
69) Pentachlorophenol	11.20	266	172940	70.135	nq	99
70) Phenanthrene	11.42	178	932972	45.991	nq	99
71) Anthracene	11.47	178	967538	46.614	nq	99
72) Carbazole	11.63	167	920311	45.277	nq	99
73) Di-n-butylphthalate	11.95	149	1077159	44.027	nq	99
74) Fluoranthene	12.60	202	977965	47.608	nq	100
76) Benzidine	12.73	184	446039	40.436	nq	97
77) Pyrene	12.84	202	1004816	44.184	nq	100
79) Butylbenzylphthalate	13.45	149	467937	43.781	nq	92
80) Benzo(a)anthracene	14.02	228	841134	46.577	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	203258	30.703	nq	99
82) Chrysene	14.06	228	789968	45.947	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	620127	42.137	nq	99
84) Di-n-octyl phthalate	14.61	149	1025308	43.267	nq	96
85) Indeno(1,2,3-cd)pyrene	17.00	276	581723	42.297	nq	96
87) Benzo(b)fluoranthene	15.07	252	732766m	48.693	nq	
88) Benzo(k)fluoranthene	15.11	252	659829	44.393	nq	99
89) Benzo(a)pyrene	15.45	252	653157	47.284	nq	98
90) Dibenzo(a,h)anthracene	17.01	278	482703	43.664	nq	96
91) Benzo(g,h,i)perylene	17.45	276	495562	45.350	nq	94

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

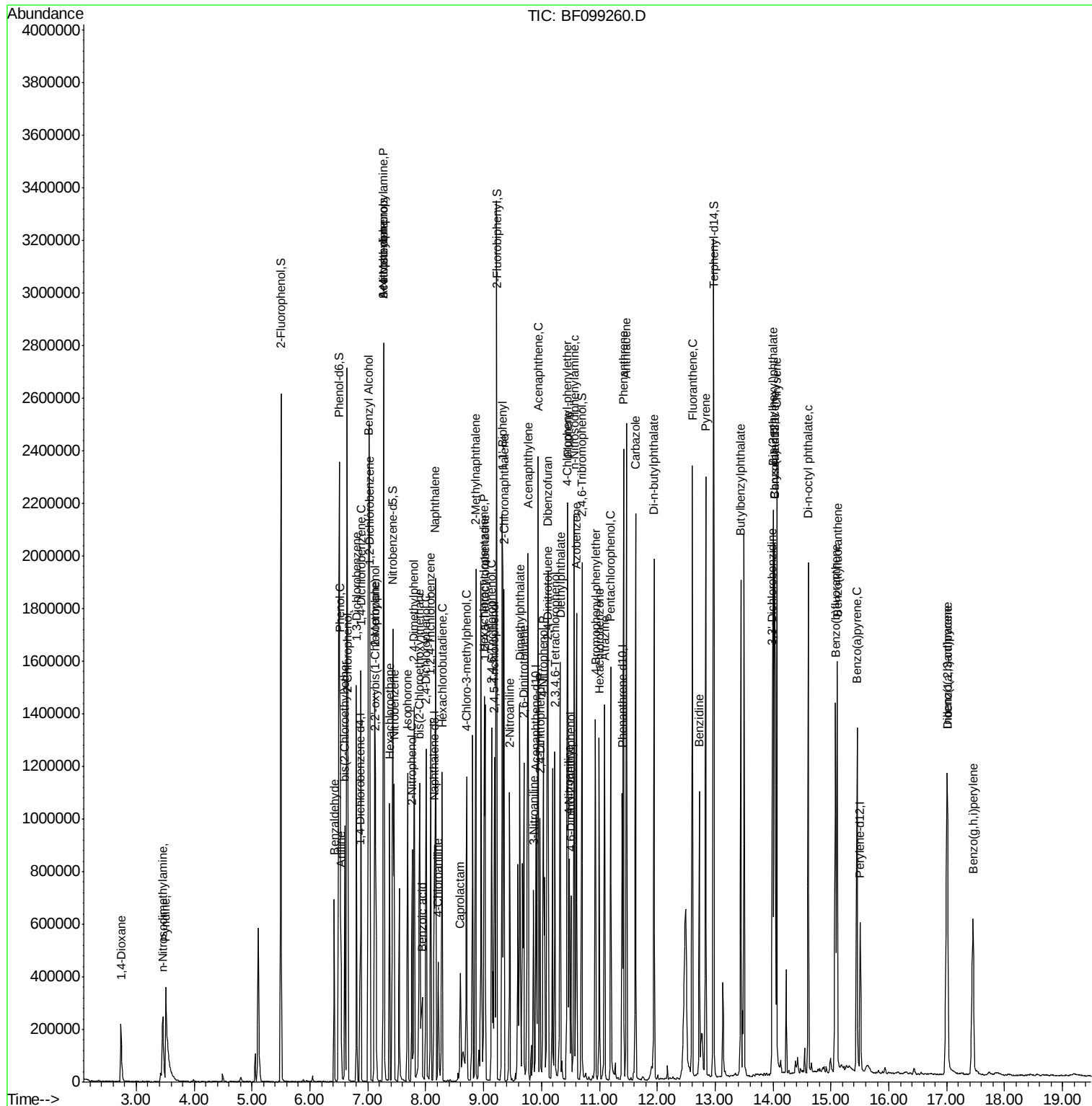
Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
Data File : BF099260.D
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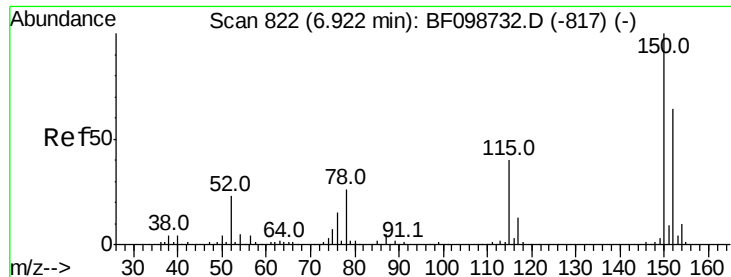
Instrument :
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ClientSampleID :
PB103065BS

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#1

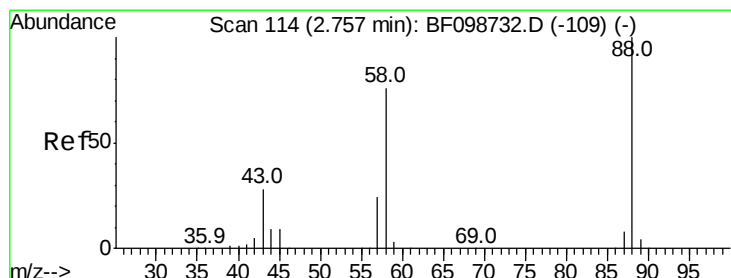
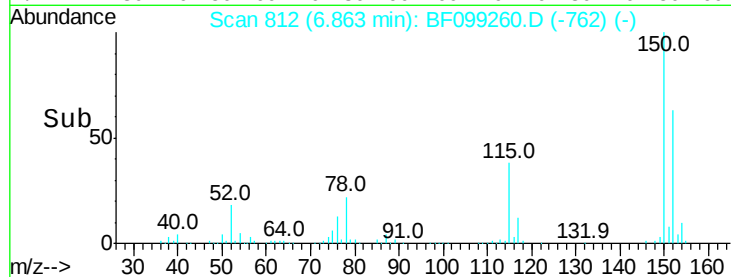
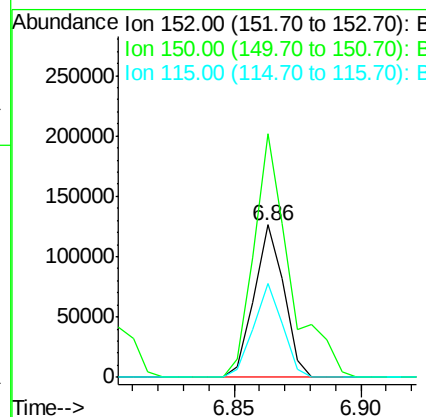
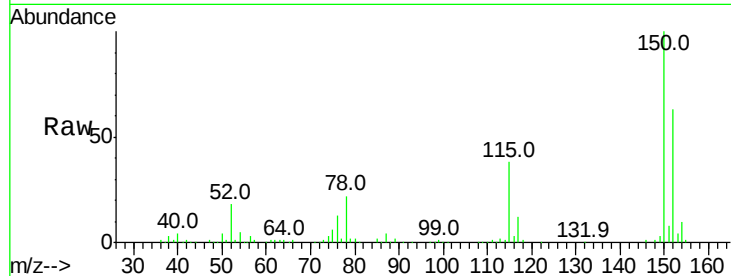
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.6	186.8
115	61.6	50.1	75.1

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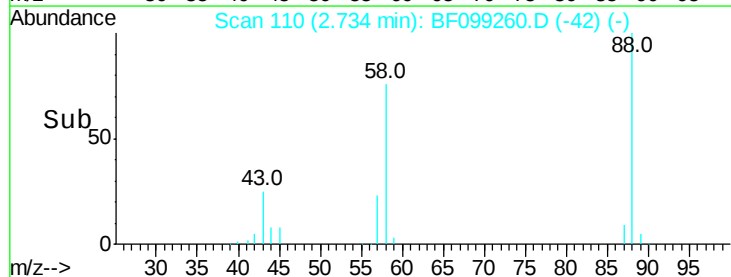
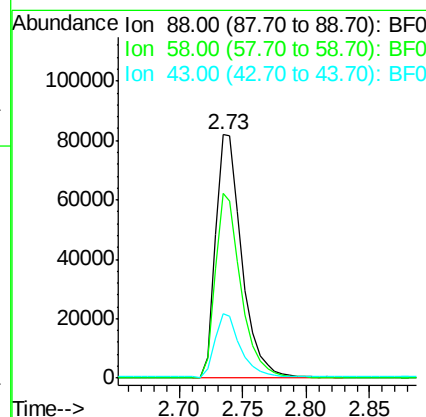
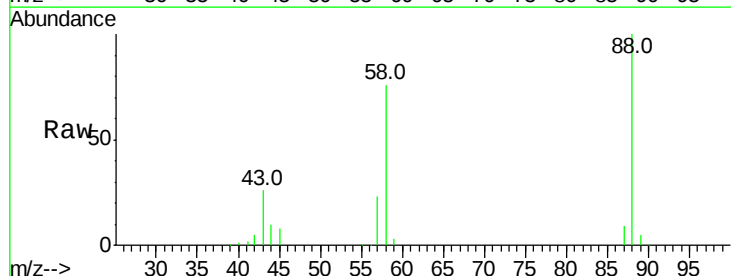
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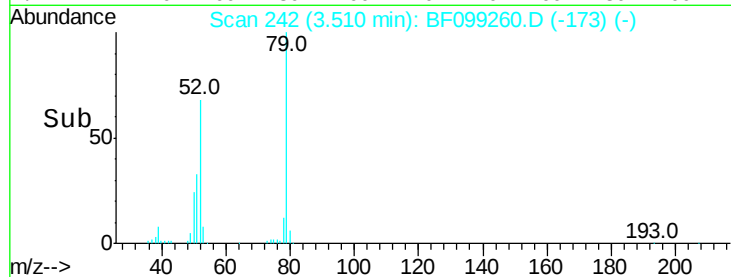
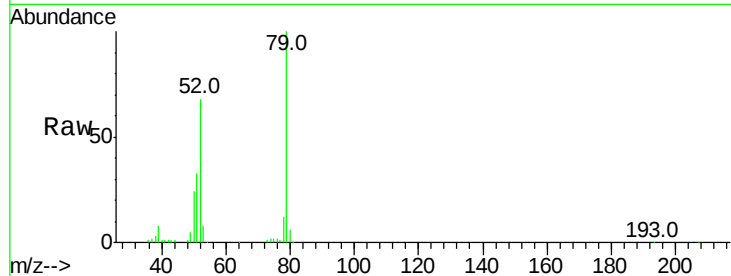
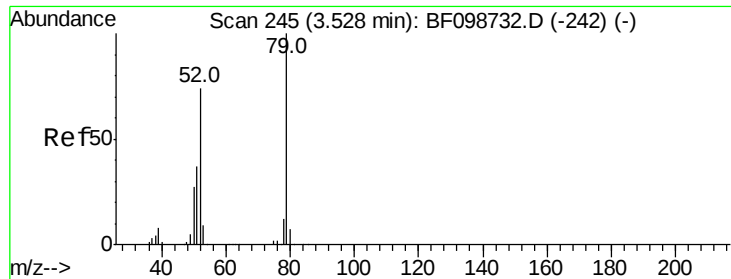


#2

1,4-Dioxane
Concen: 38.433 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.10 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	62.6	93.8
43	24.9	24.6	37.0





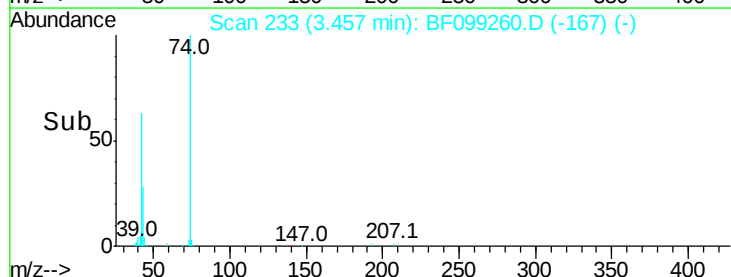
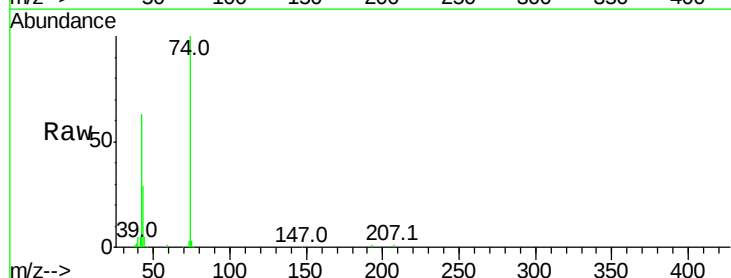
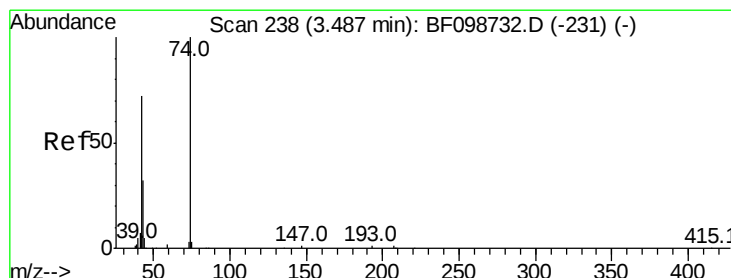
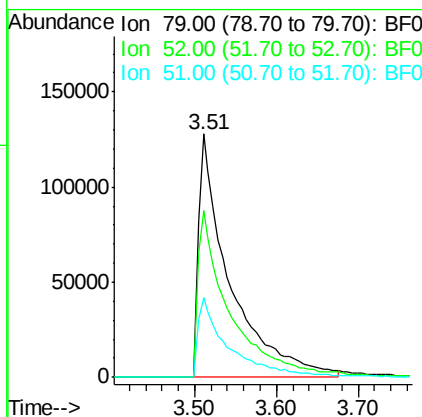
#3
Pvridine
Concen: 40.153 ng
RT: 3.51 min Scan# 242
Delta R.T. 0.11 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.4	59.8	89.6
51	32.7	29.8	44.8

Instrument :
BNA_F
ClientSampleId :
PB103065BS

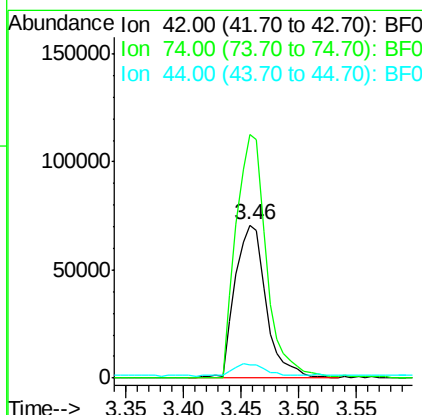
Manual Integrations
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#4
n-Nitrosodimethylamine
Concen: 37.266 ng
RT: 3.46 min Scan# 233
Delta R.T. 0.09 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.7	104.9	157.3#
44	8.4	6.9	10.3





#5

2-Fluorophenol

Concen: 137.430 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Instrument :

BNA_F

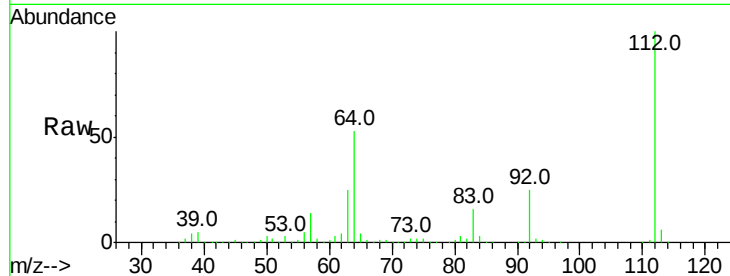
ClientSampled :

PB103065BS

Tot Ion:	112	Resp:	892873
Ion Ratio	Lower	Upper	
112	100		
64	52.6	47.9	71.9
63	25.4	23.7	35.5

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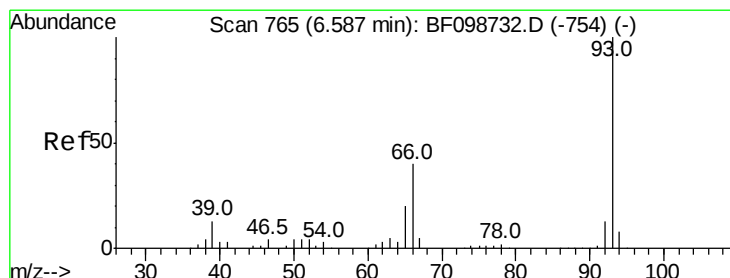
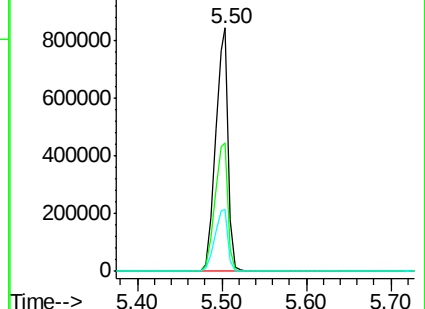
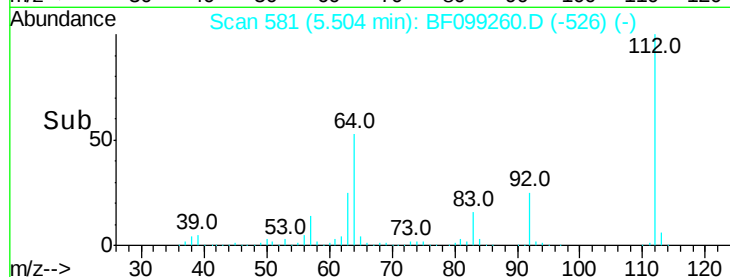
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.929 ng

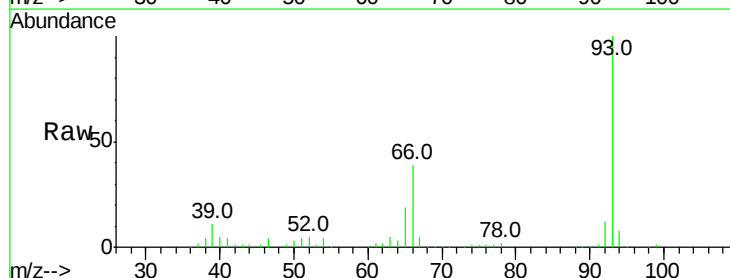
RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

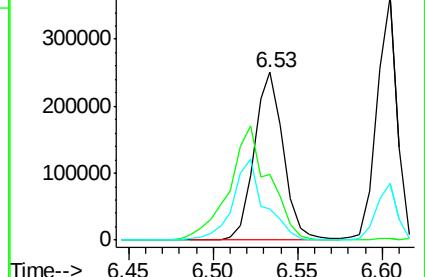
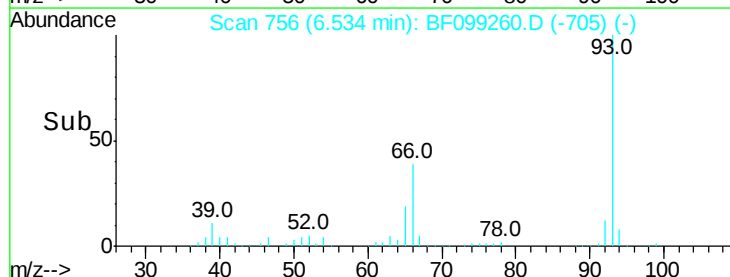
Tgt Ion:	93	Resp:	302115
Ion Ratio	Lower	Upper	
93	100		
66	38.8	32.2	48.2
65	18.8	16.4	24.6

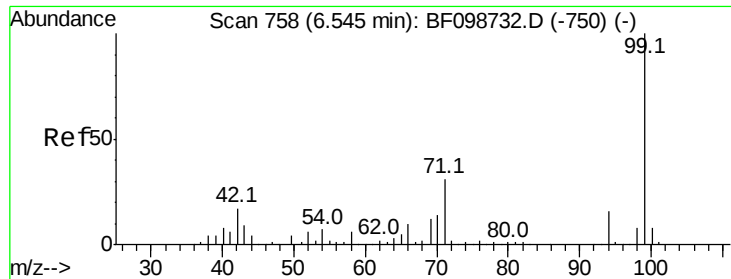


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.838 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Instrument :

BNA_F

ClientSampleId :

PB103065BS

Tot Ion: 99 Resp: 1088700

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

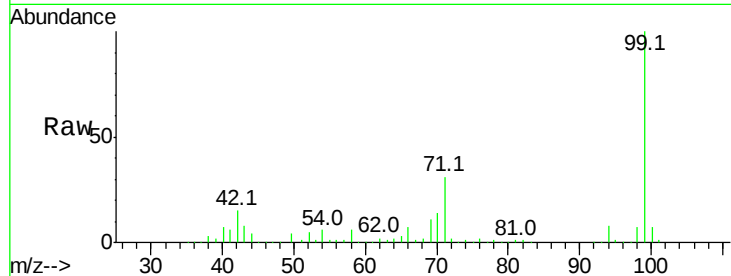
71 30.6 25.4 38.0

Manual Integrations

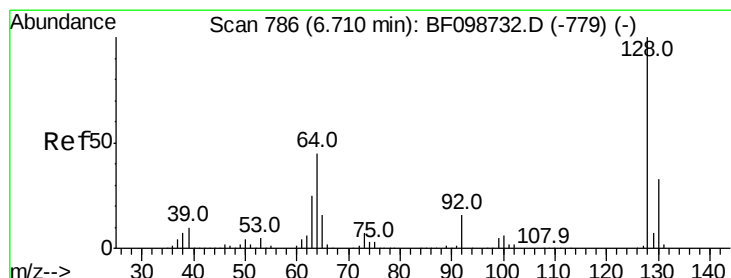
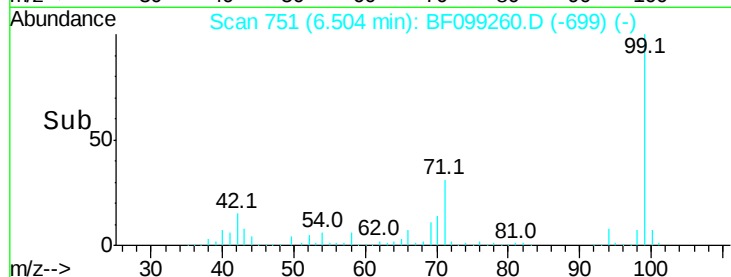
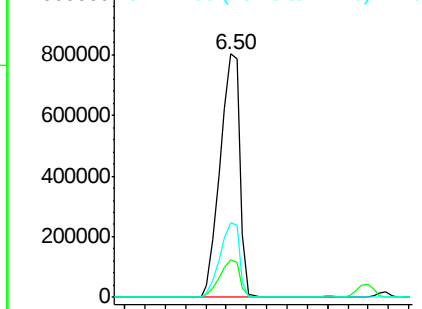
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.270 ng

RT: 6.66 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

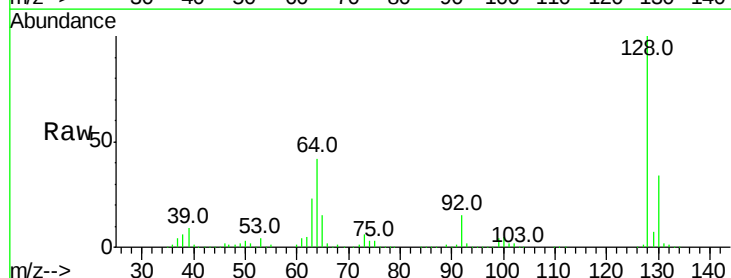
Tgt Ion:128 Resp: 325714

Ion Ratio Lower Upper

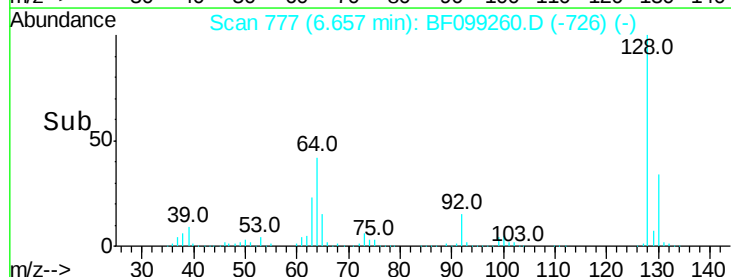
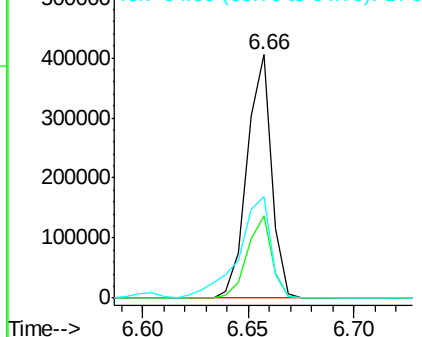
128 100

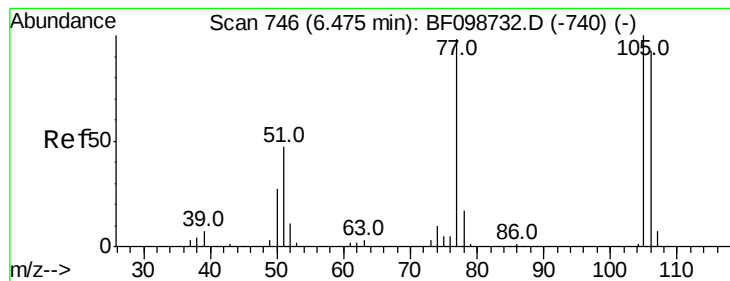
130 33.8 13.0 53.0

64 41.5 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: 26.402 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Instrument :

BNA_F

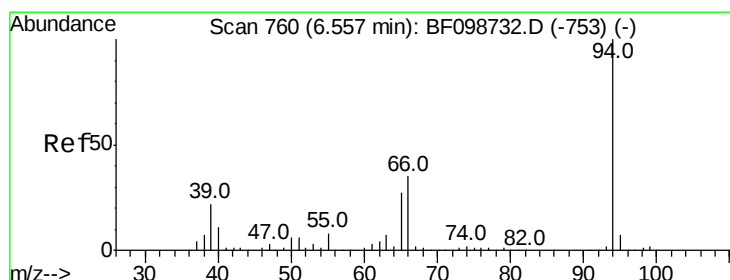
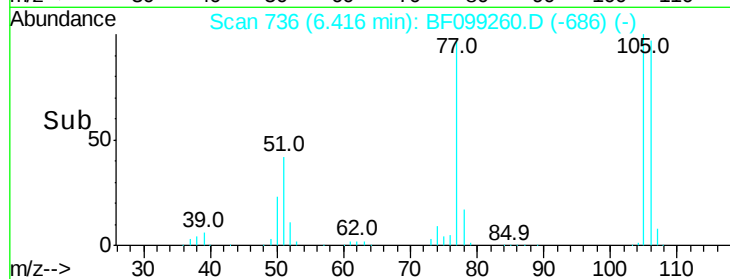
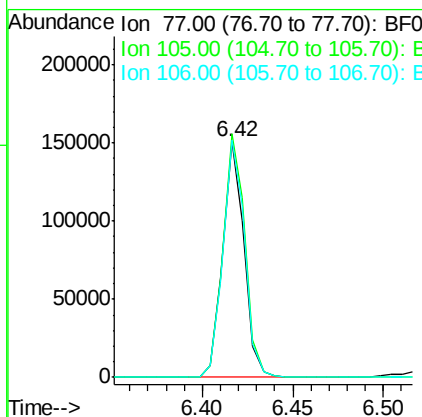
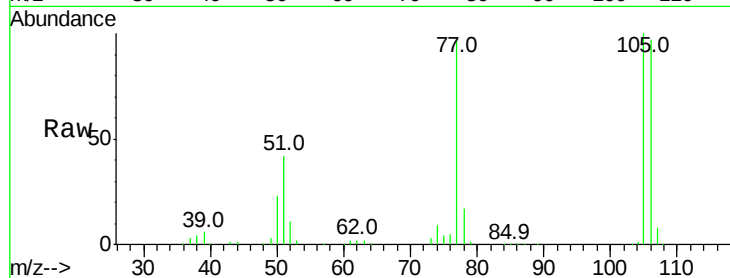
ClientSampleId :

PB103065BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.4	81.1	121.1		
106	100.7	74.5	114.5		

Manual Integrations
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#10

Phenol

Concen: 44.837 ng

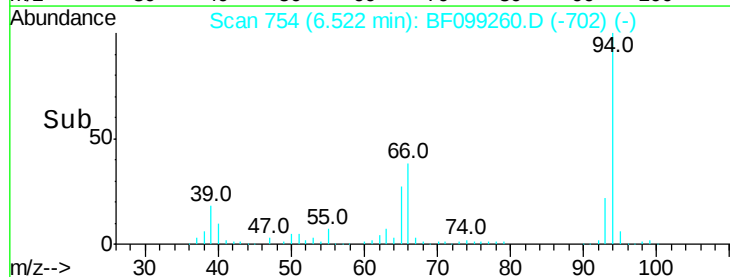
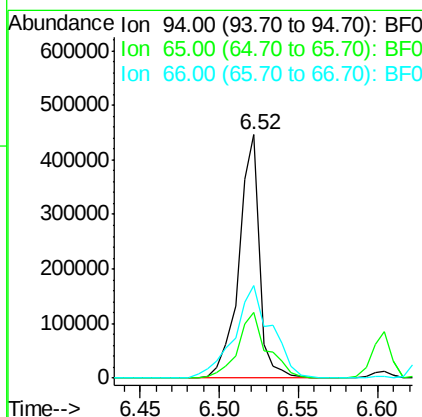
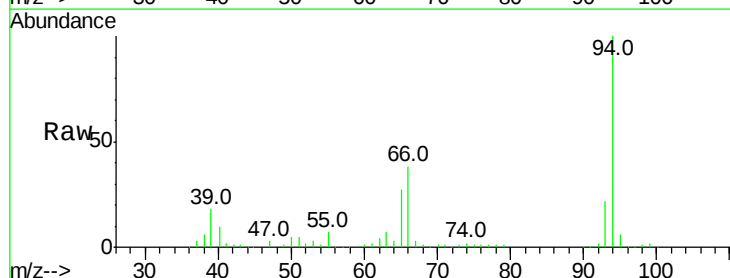
RT: 6.52 min Scan# 754

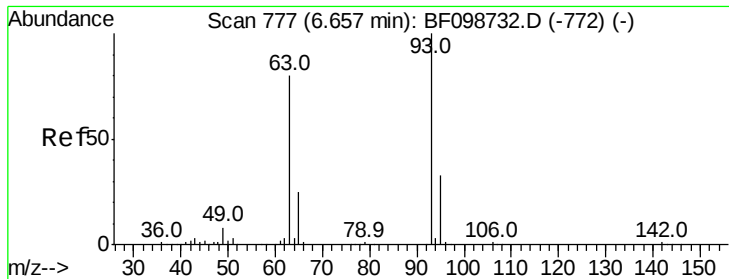
Delta R.T. 0.01 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	27.0	7.9	47.9		
66	38.2	16.2	56.2		





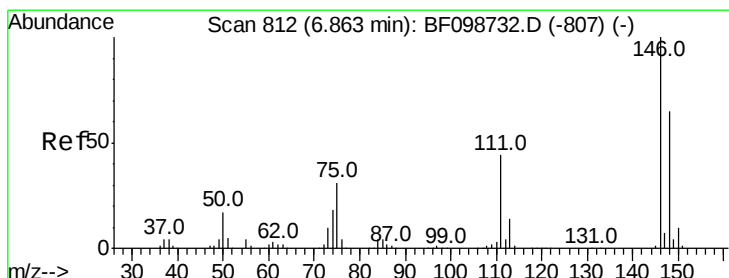
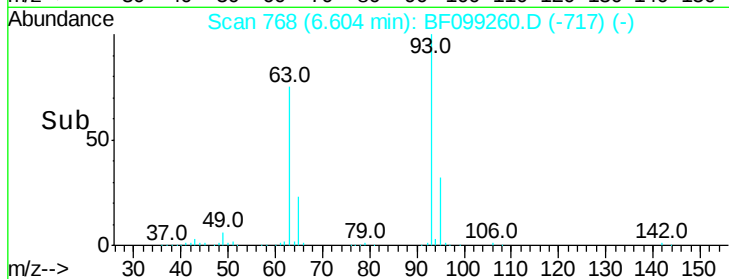
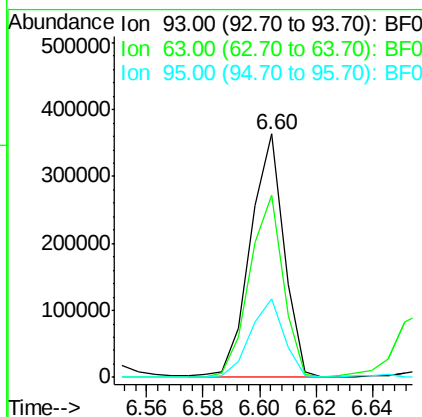
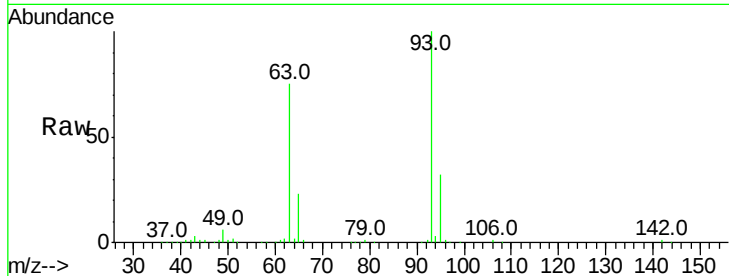
#11
bis(2-Chloroethyl)ether
Concen: 42.816 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	298356		
63	75.0	58.6	98.6	
95	32.1	11.8	51.8	

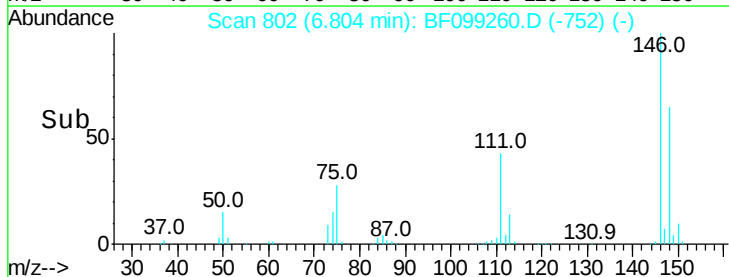
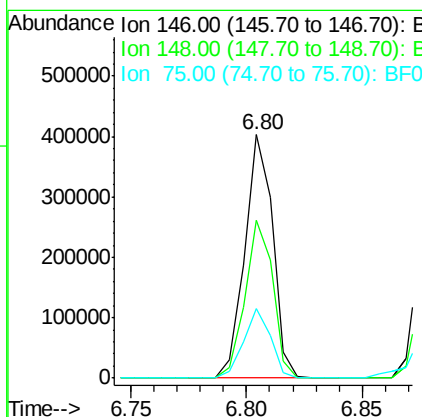
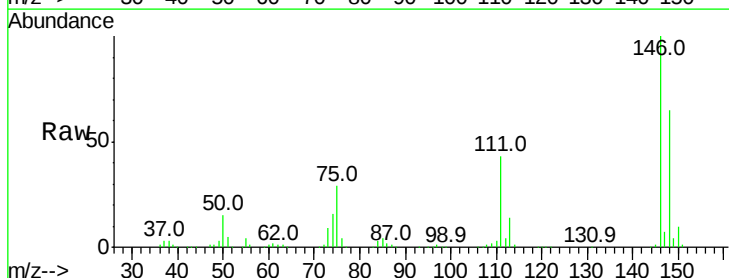
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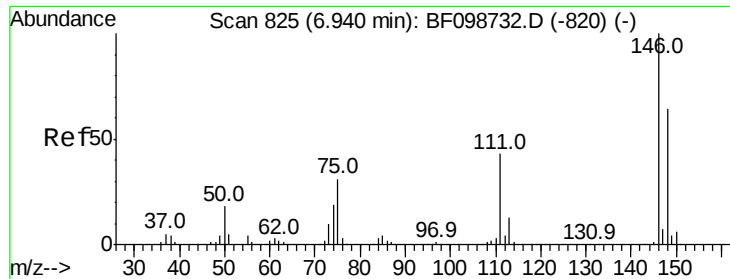
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#12
1,3-Dichlorobenzene
Concen: 44.371 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	341898		
148	64.9	51.8	77.8	
75	28.6	24.2	36.4	





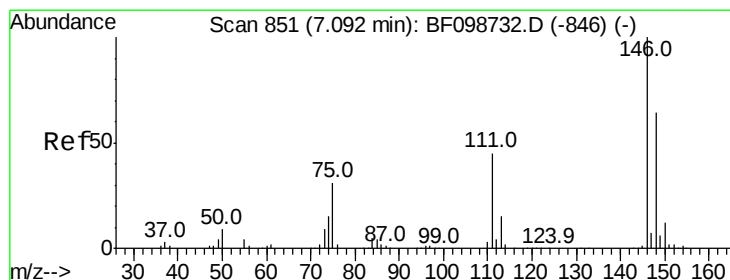
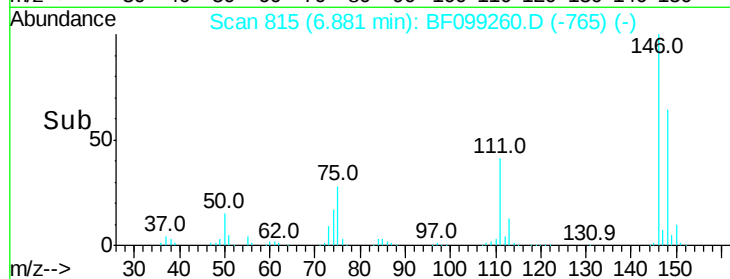
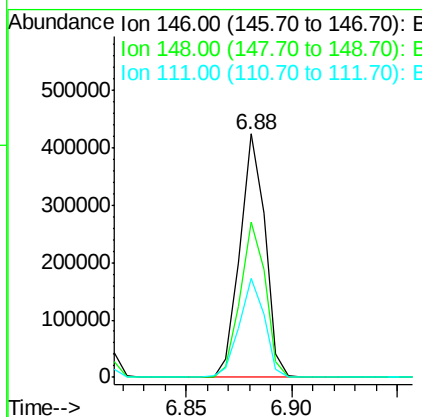
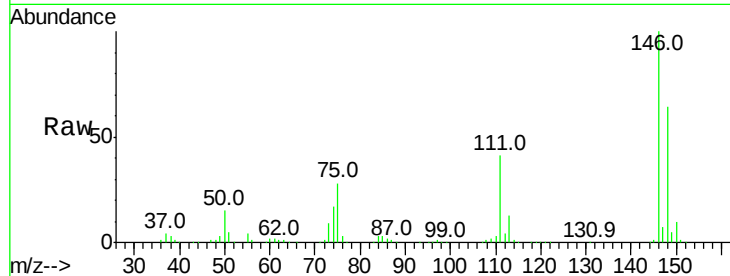
#13
 1,4-Dichlorobenzene
 Concen: 44.453 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103065BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.8	76.2
111	40.7	34.2	51.2

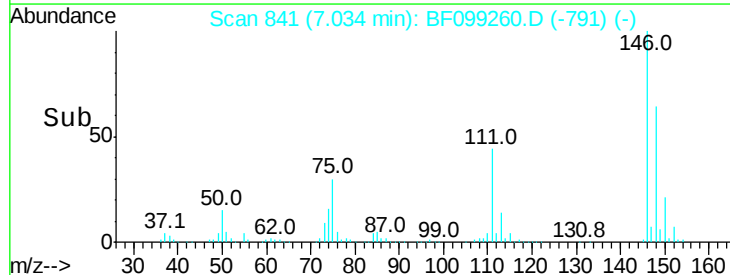
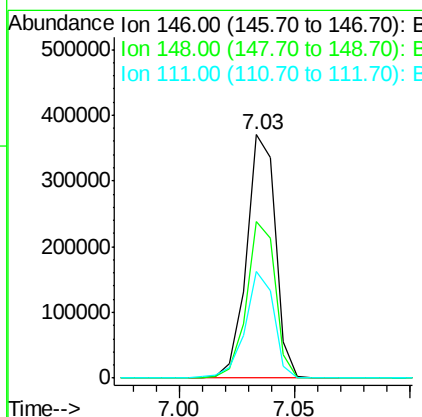
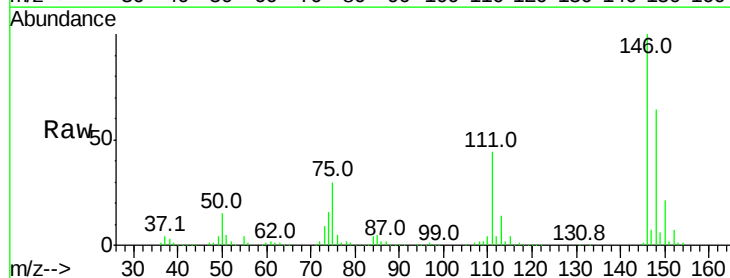
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#14
 1,2-Dichlorobenzene
 Concen: 44.718 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	43.8	36.0	54.0





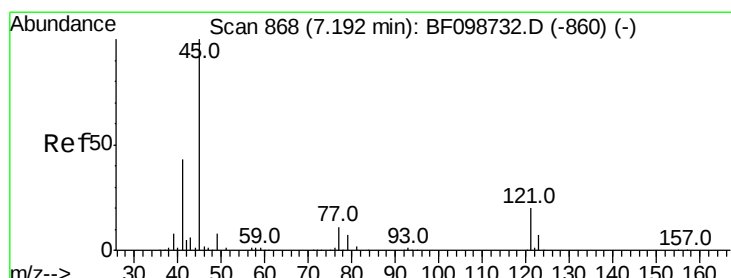
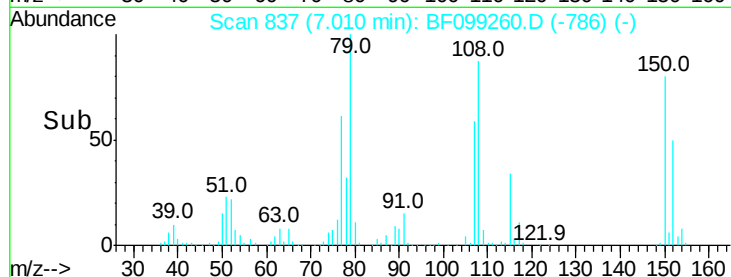
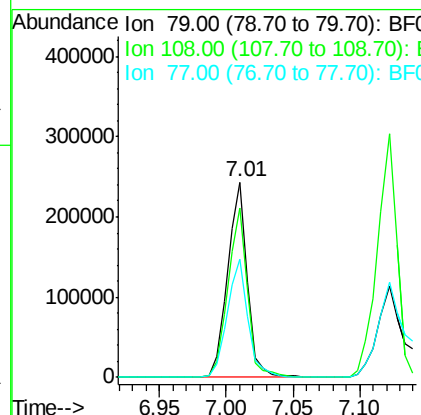
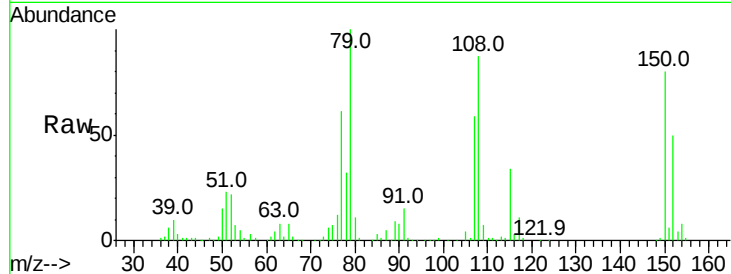
#15
Benzyl Alcohol
Concen: 43.276 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.5	65.1	97.7
77	60.8	50.6	75.8

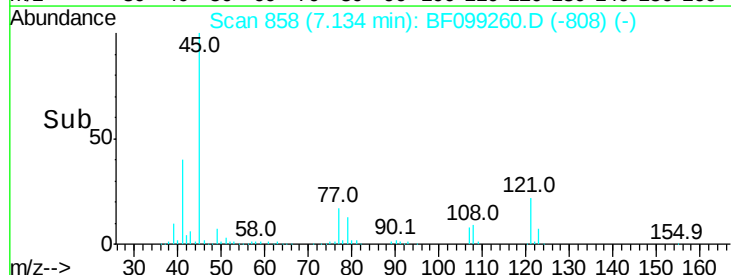
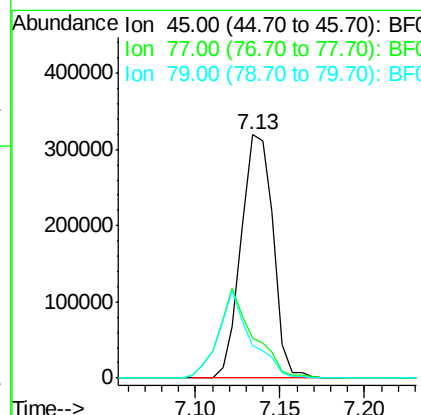
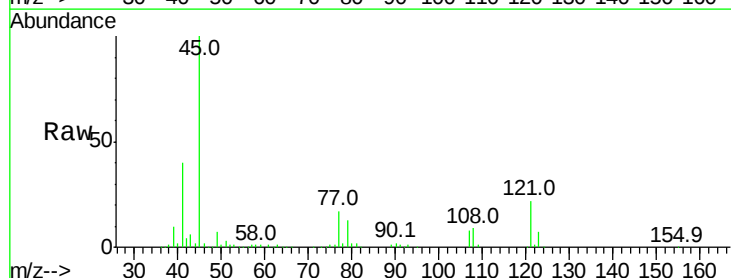
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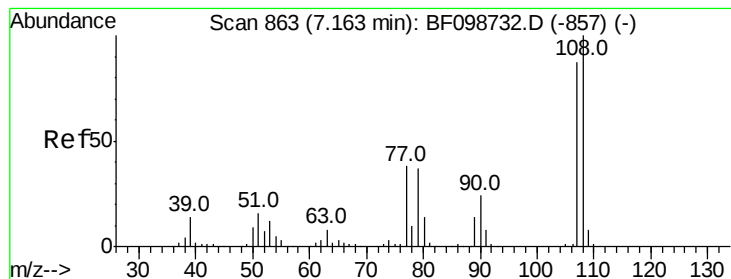
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.895 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	32.9
79	13.1	0.0	29.6





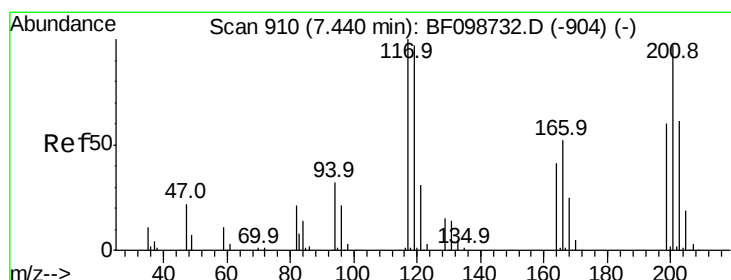
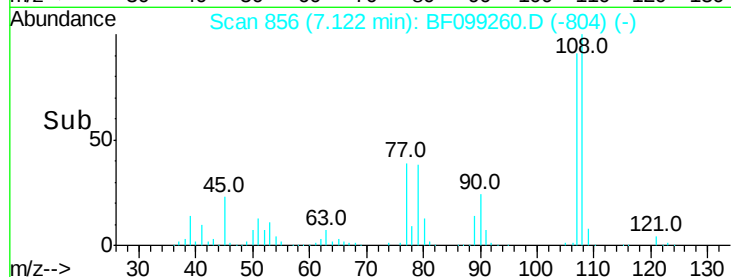
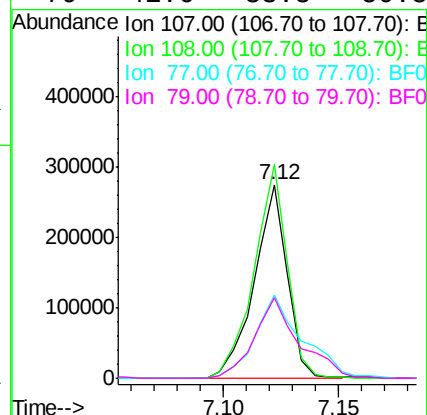
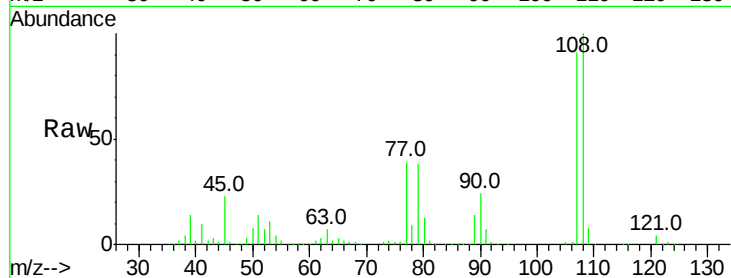
#17
2-Methylphenol
Concen: 45.545 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.4	91.7	137.5
77	43.1	33.8	50.8
79	41.6	33.8	50.8

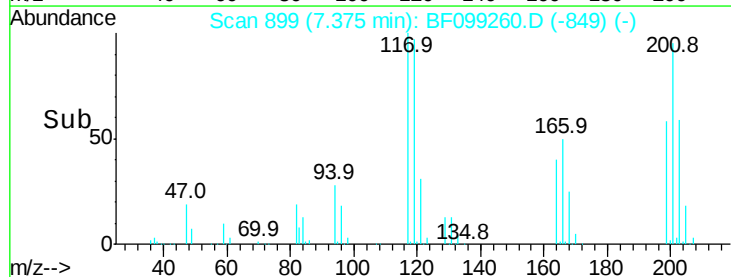
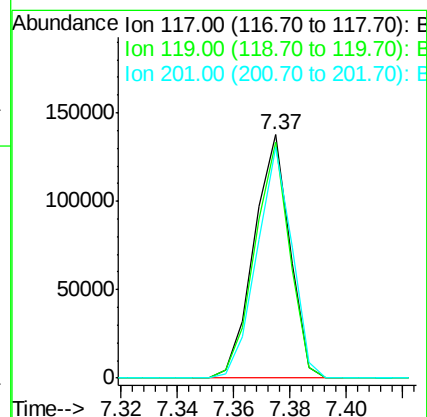
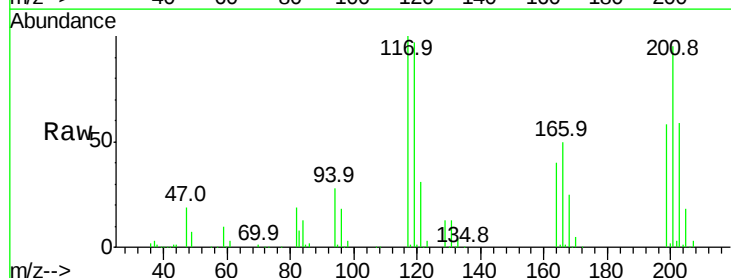
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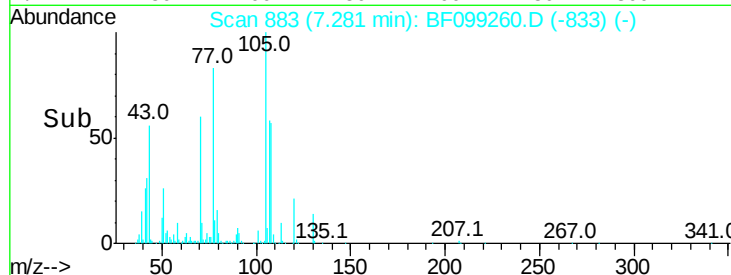
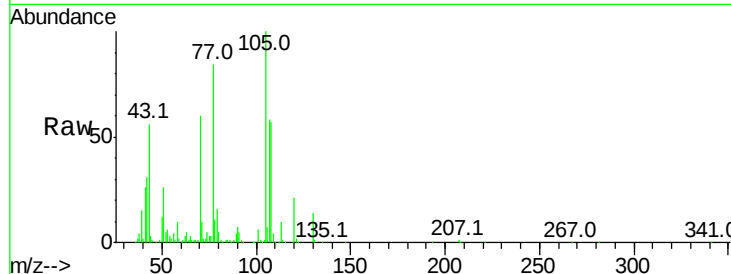
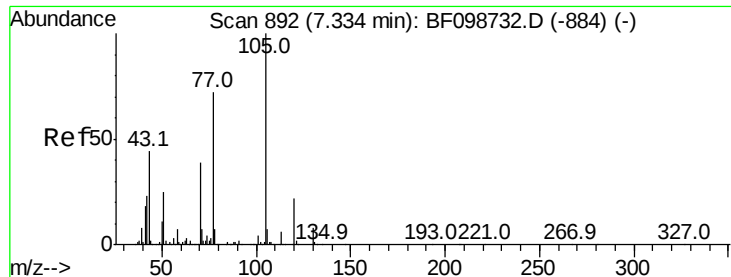
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#18
Hexachloroethane
Concen: 42.989 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.8
201	94.9	75.7	113.5





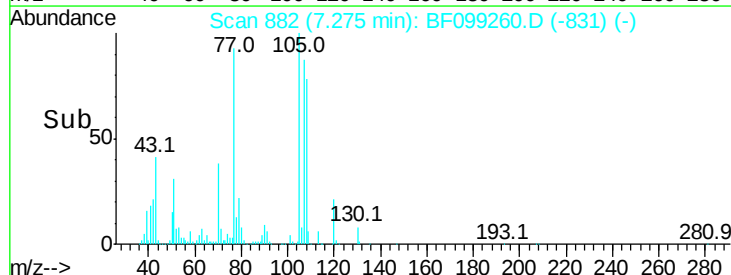
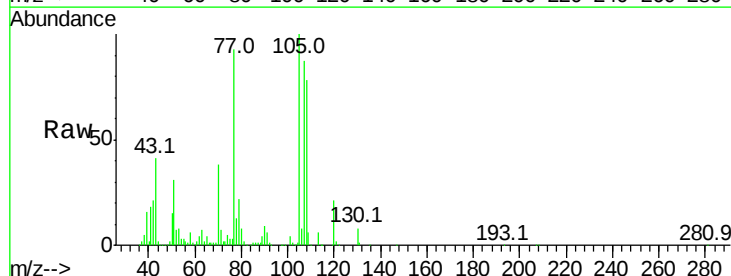
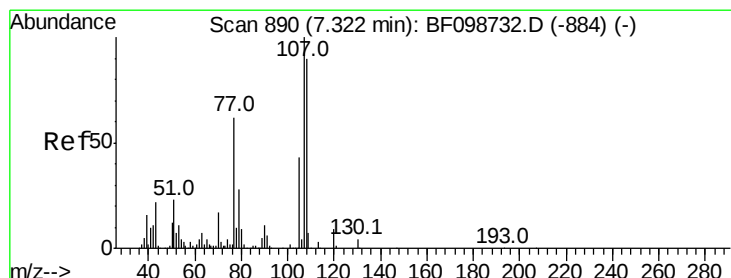
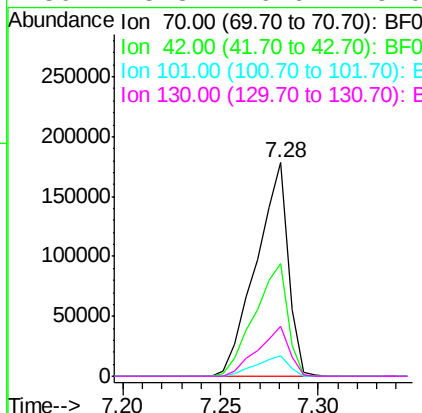
#19
n-Nitroso-di-n-propylamine
Concen: 39.571 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.6	47.5	71.3	
101	9.8	7.4	11.2	
130	23.3	16.6	25.0	

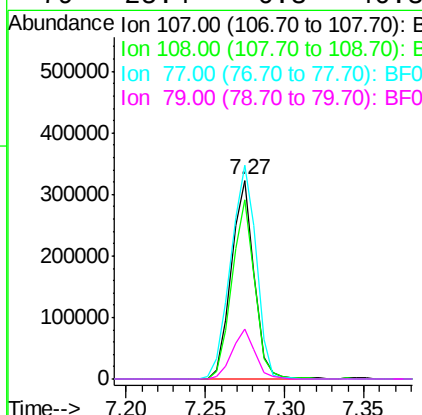
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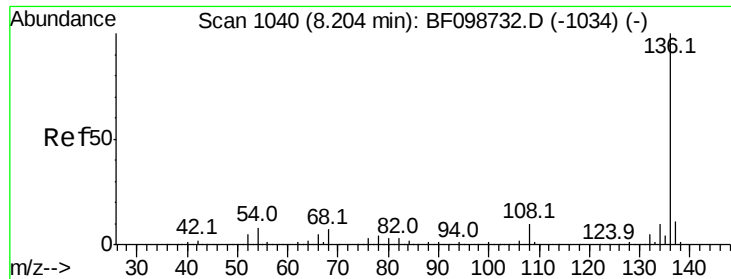
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#20
3+4-Methylphenols
Concen: 42.538 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	68.2	108.2	
77	107.4	26.7	66.7#	
79	25.4	6.3	46.3	





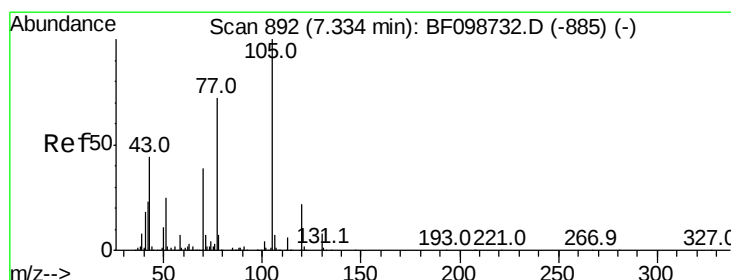
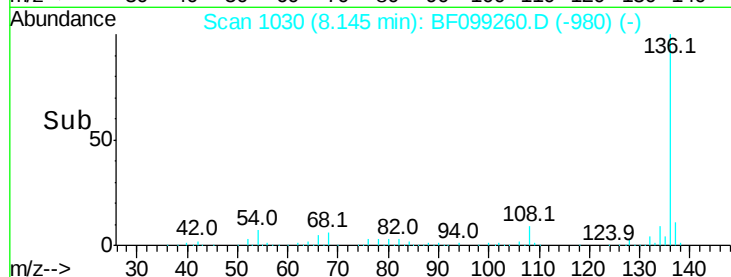
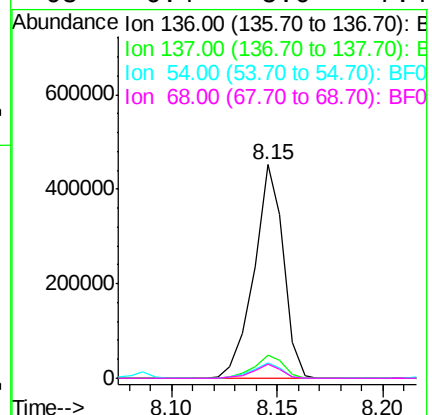
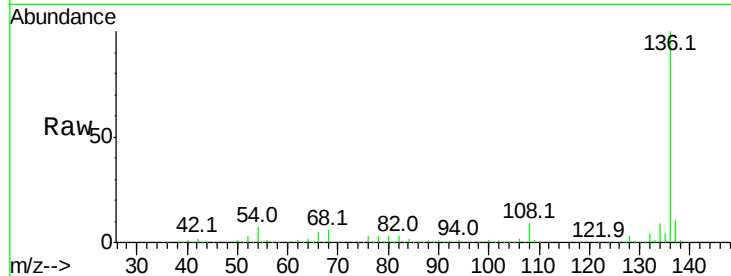
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	436669		
137	10.7		8.9	13.3
54	7.4		6.6	9.8
68	6.4		5.0	7.4

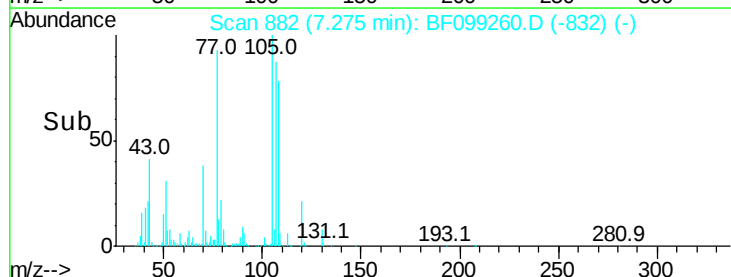
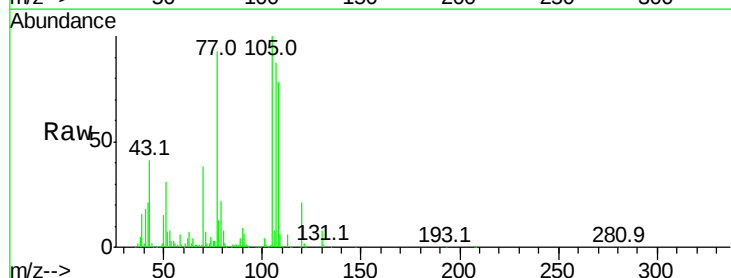
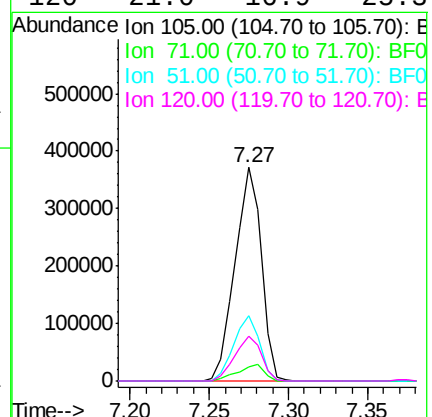
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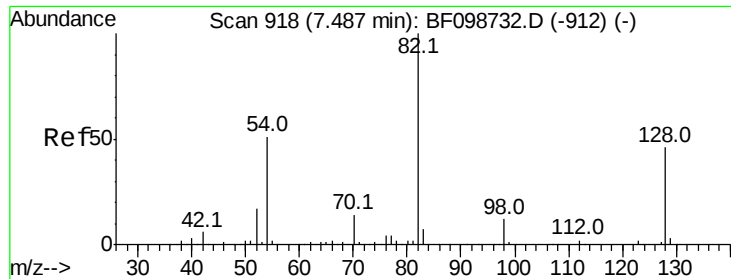
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#22
Acetophenone
Concen: 40.327 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	426652		
71	6.5		4.4	6.6
51	30.7		22.3	33.5
120	21.0		16.9	25.3





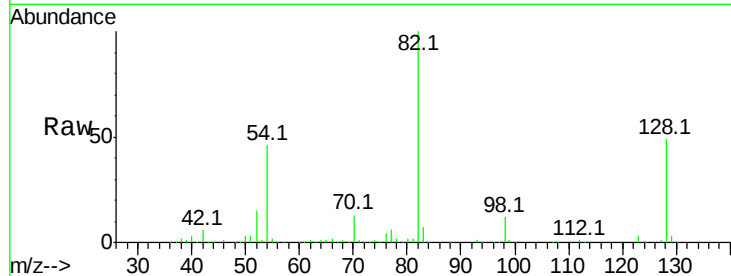
#23
 Nitrobenzene-d5
 Concen: 96.295 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103065BS

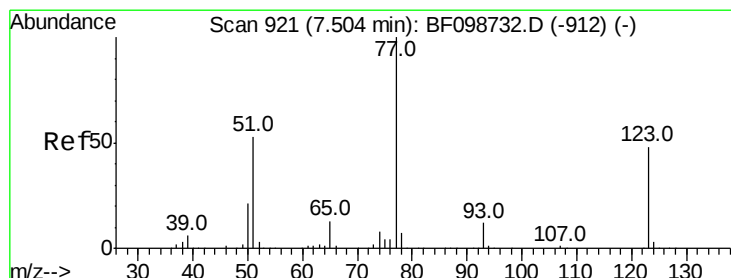
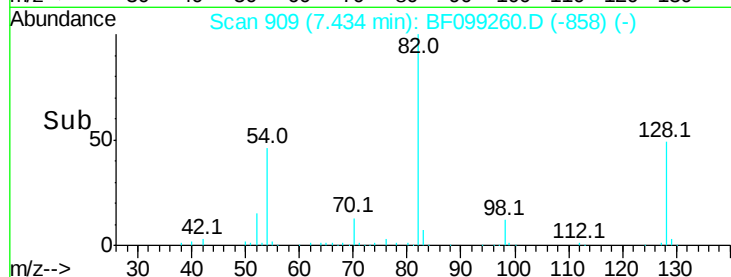
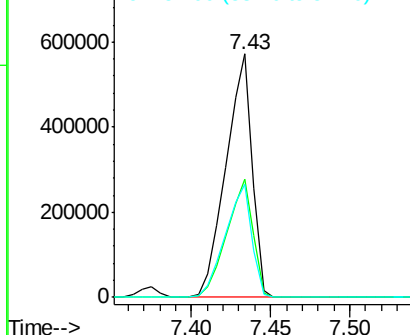
Tot Ion	Ratio	Resp	Lower	Upper
82	100	655682		
128	48.6		36.1	54.1
54	46.5		41.4	62.2

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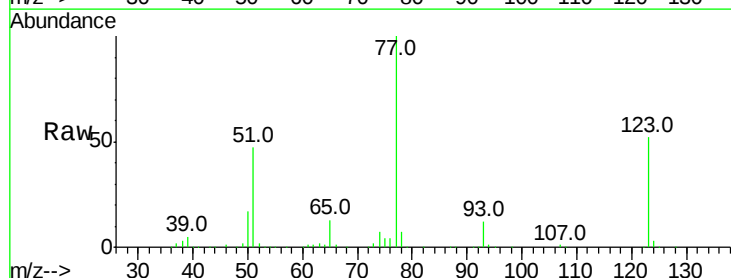


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

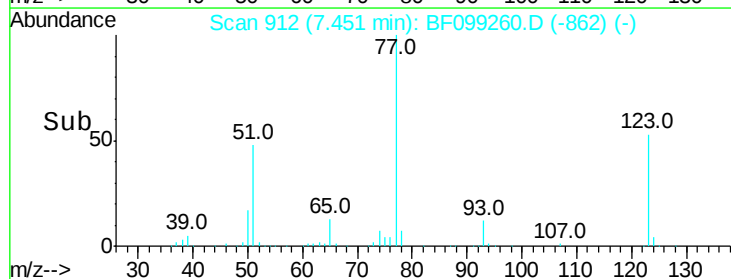
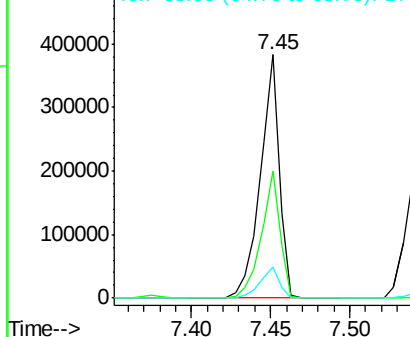


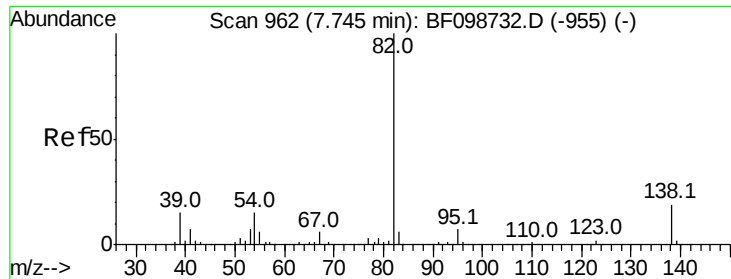
#24
 Nitrobenzene
 Concen: 41.891 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	323569		
123	52.2		37.9	56.9
65	12.6		11.0	16.4



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





#25

Isophorone

Concen: 42.226 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Instrument :

BNA_F

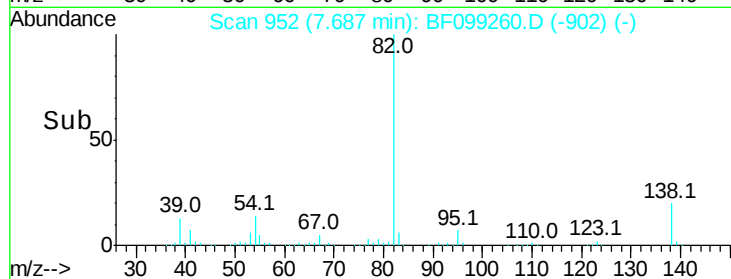
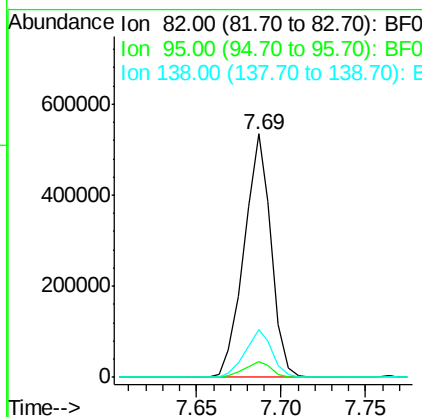
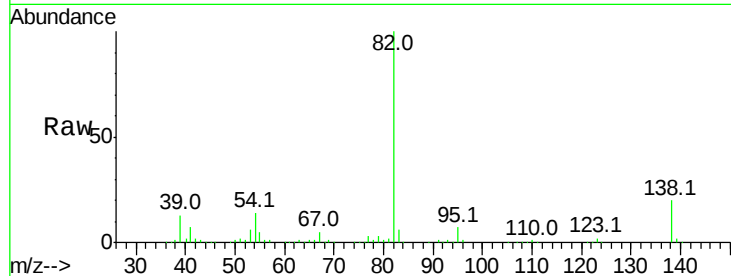
ClientSampleId :

PB103065BS

Tot Ion:	82	Resp:	594450
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	19.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 49.898 ng

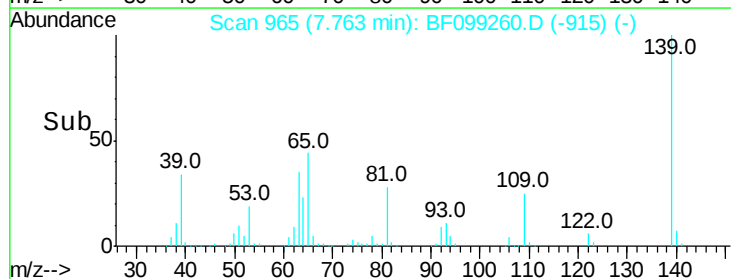
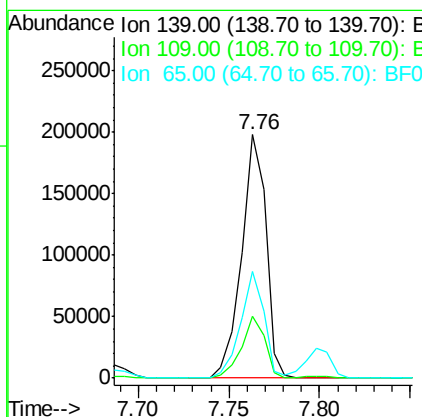
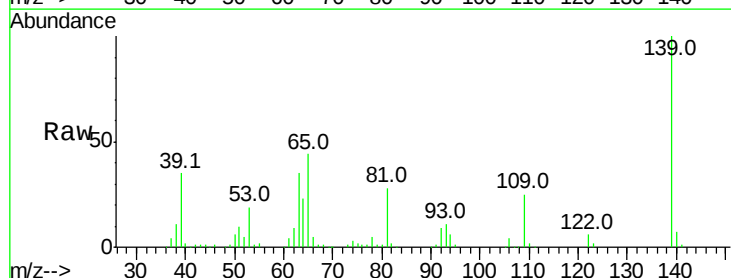
RT: 7.76 min Scan# 965

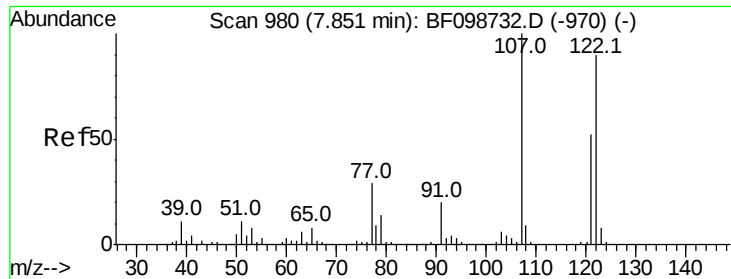
Delta R.T. -0.01 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Tgt Ion:	139	Resp:	185337
Ion Ratio	Lower	Upper	
139	100		
109	25.5	22.7	34.1
65	43.9	40.5	60.7





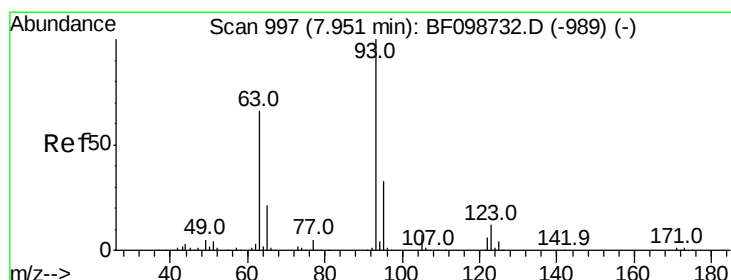
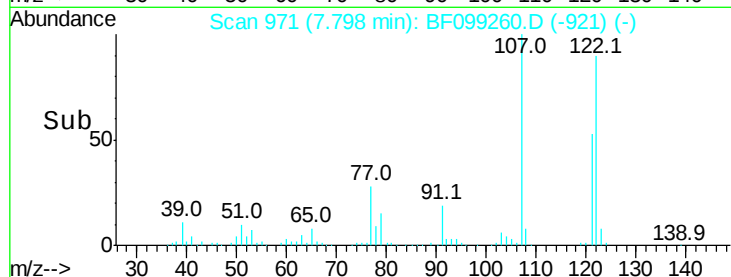
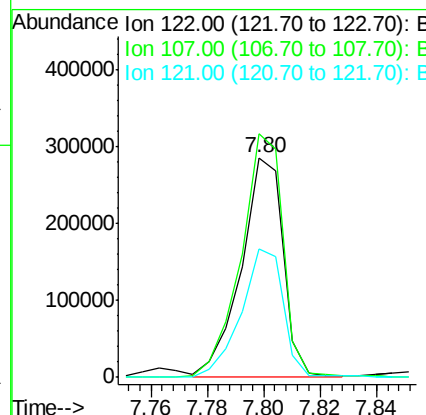
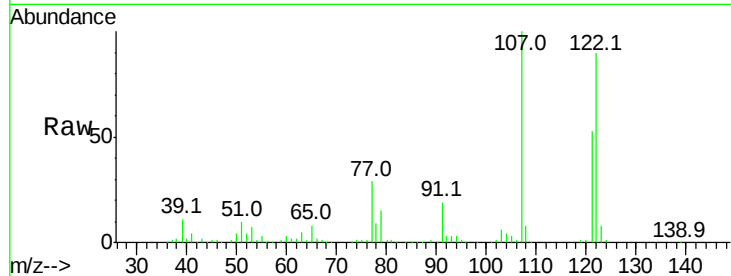
#27
2,4-Dimethylphenol
Concen: 42.301 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	296721		
107	110.7	91.2	136.8	
121	58.5	47.2	70.8	

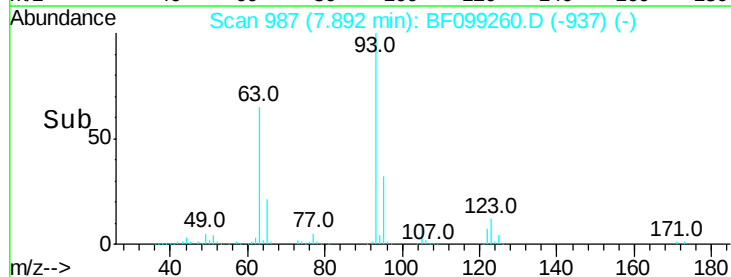
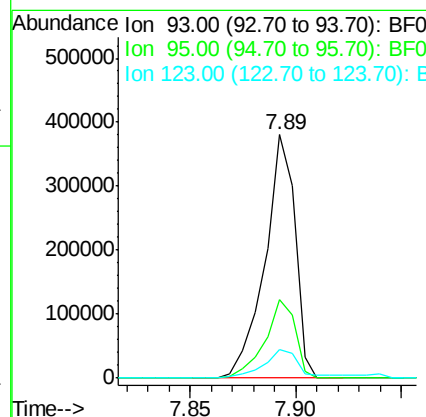
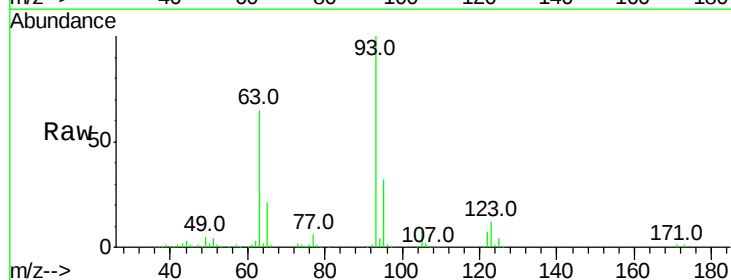
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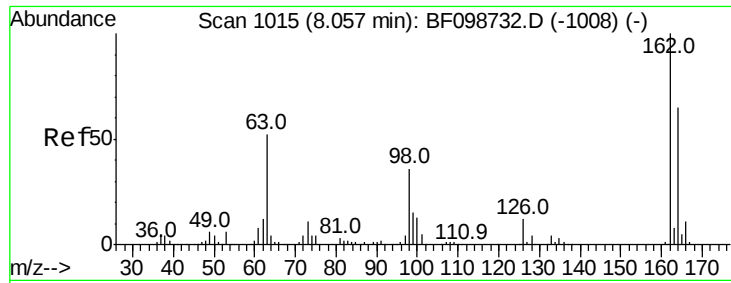
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 43.149 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	378552		
95	32.5	26.3	39.5	
123	11.7	9.8	14.6	





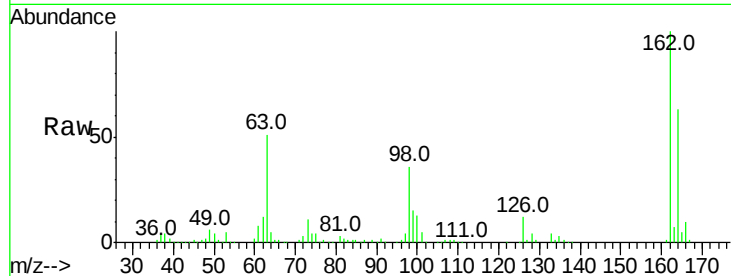
#29
 2,4-Dichlorophenol
 Concen: 46.757 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103065BS

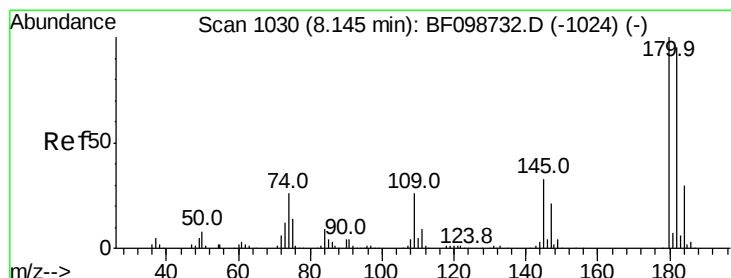
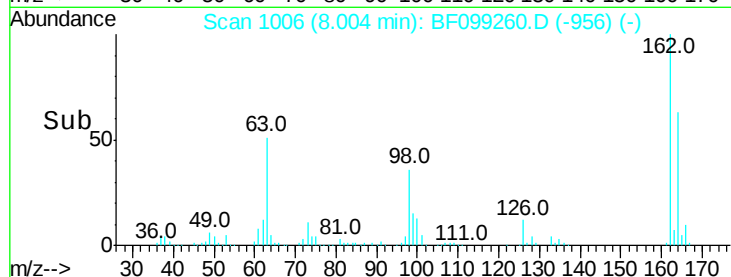
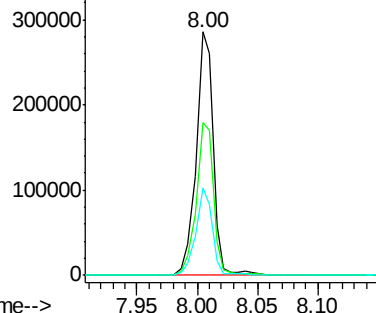
Tot Ion:	162	Resp:	281592
Ion Ratio	Lower	Upper	
162	100		
164	62.8	42.7	82.7
98	36.1	18.1	58.1

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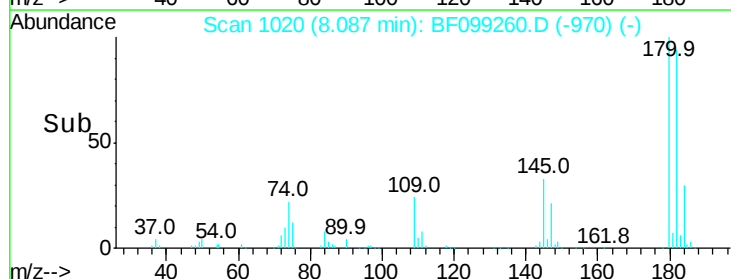
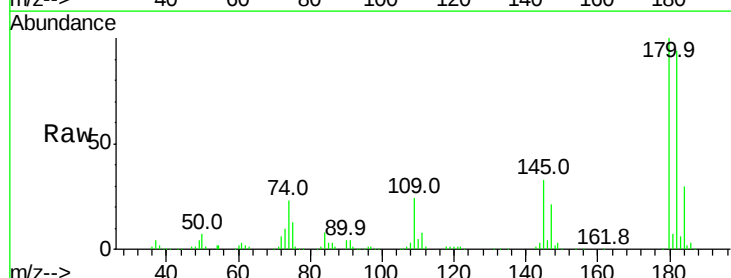
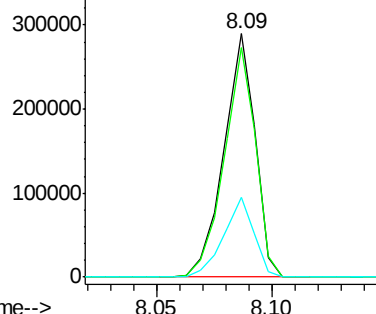
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

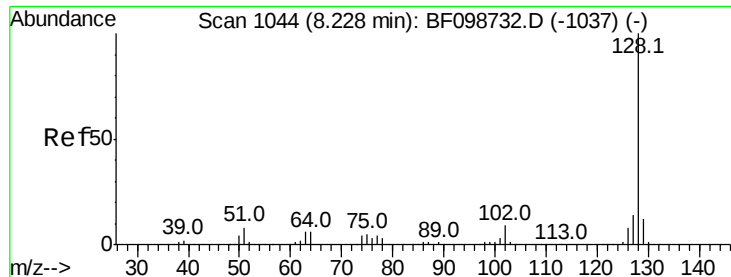


#30
 1,2,4-Trichlorobenzene
 Concen: 45.433 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Tgt Ion:	180	Resp:	273665
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.8	115.2
145	32.8	26.5	39.7

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





#31

Naphthalene

Concen: 44.850 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Instrument :

BNA_F

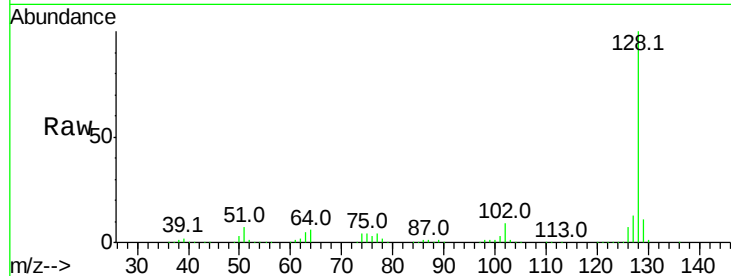
ClientSampleId :

PB103065BS

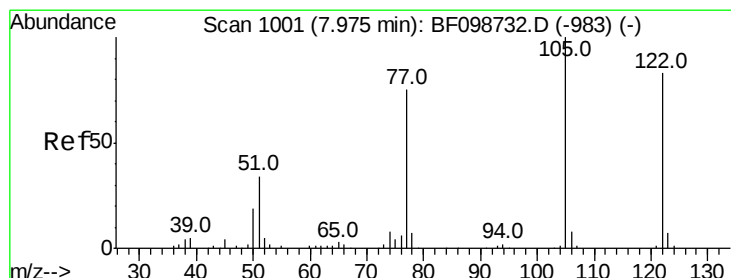
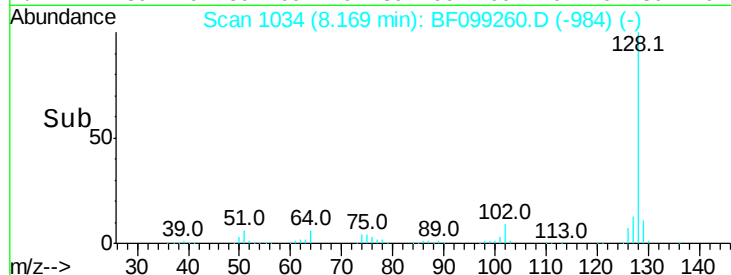
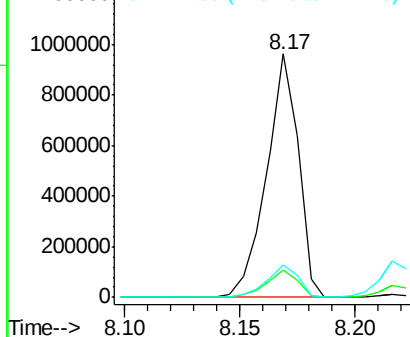
Tot Ion:	128	Resp:	919806
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.2	10.9	16.3

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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: 34.346 ng

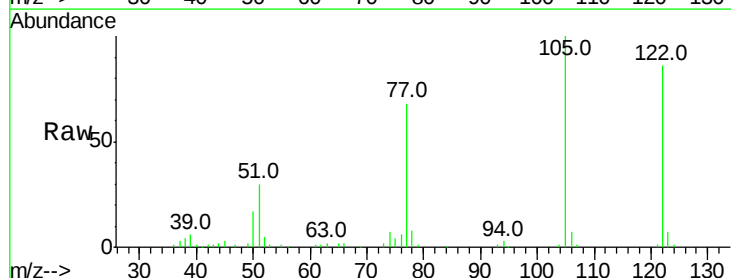
RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

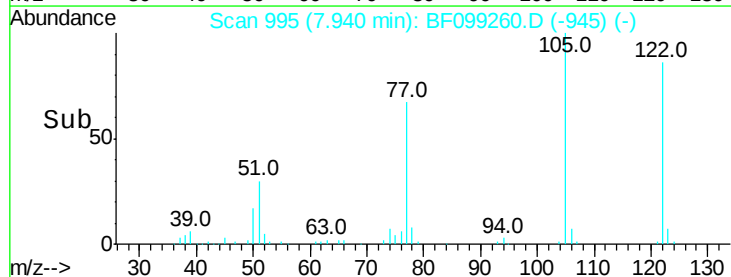
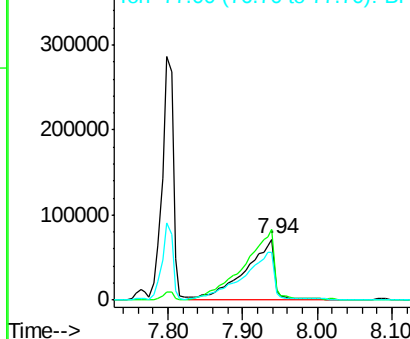
Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Tgt Ion:	122	Resp:	197902
Ion Ratio	Lower	Upper	
122	100		
105	116.2	101.1	141.1
77	79.2	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





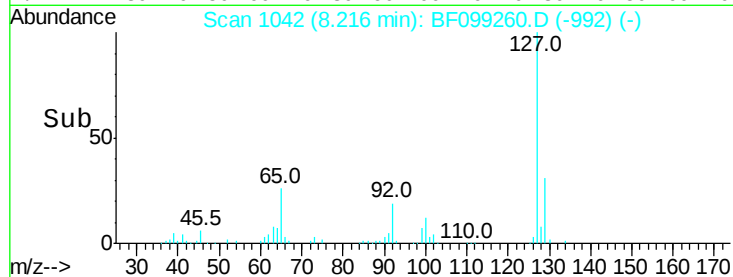
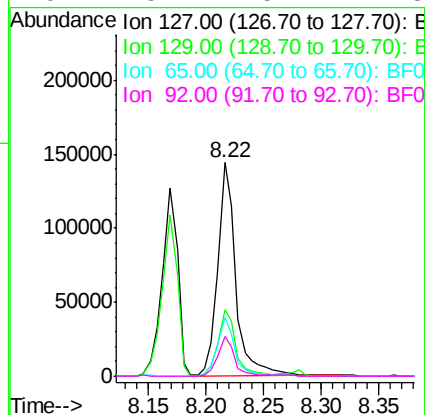
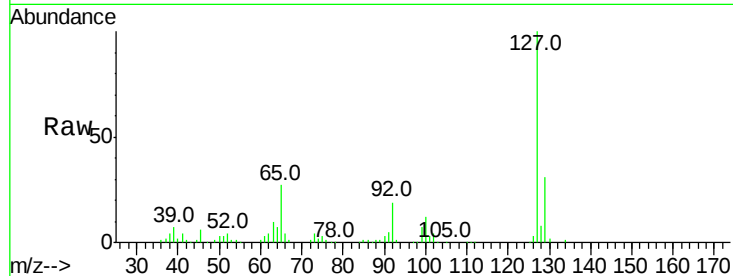
#33
4-Chloroaniline
Concen: 18.333 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	25.9	38.9	
65	27.3	25.0	37.4	
92	18.7	15.2	22.8	

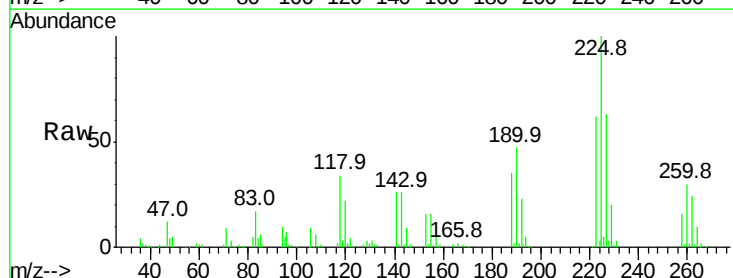
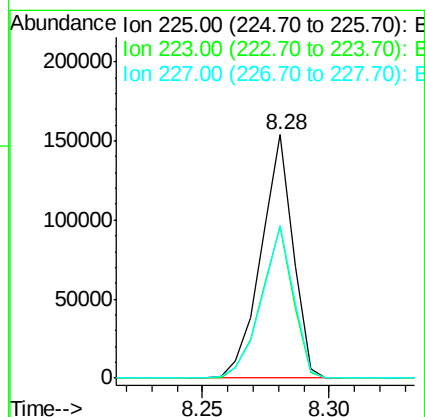
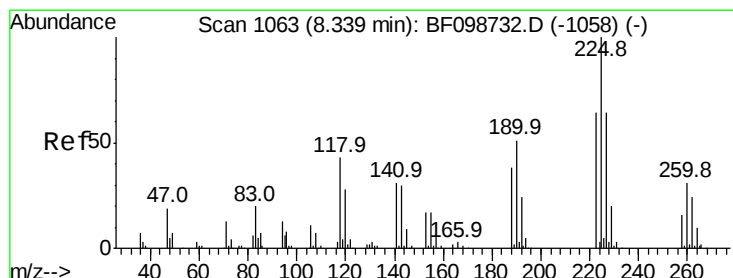
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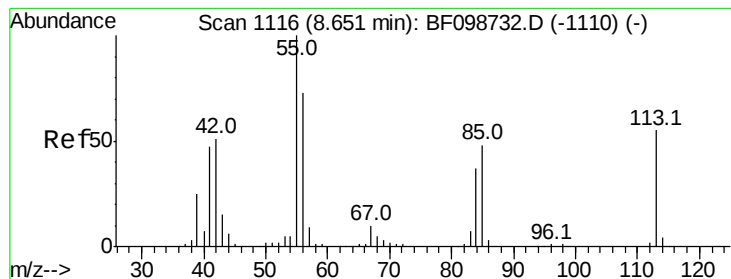
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#34
Hexachlorobutadiene
Concen: 43.401 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	50.6	76.0	
227	62.9	51.9	77.9	





#35

Caprolactam

Concen: 50.812 ng/mL

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Instrument :

BNA_F

ClientSampleID :

PB103065BS

Tot Ion: 113 Resp: 98161

Ion Ratio Lower Upper

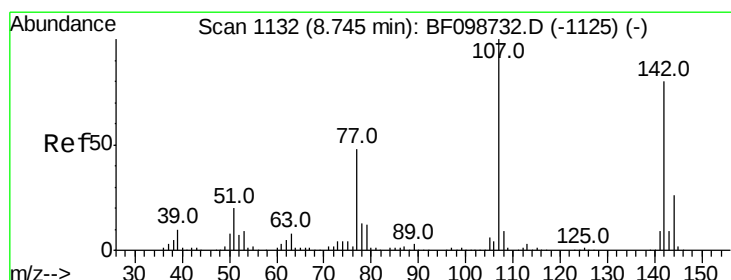
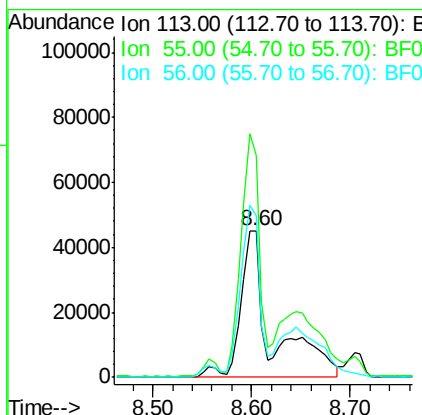
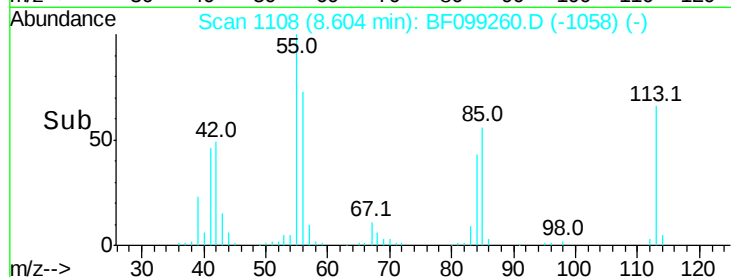
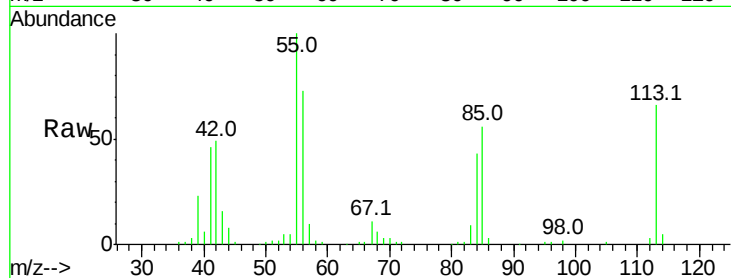
113 100

55 151.9 163.3 203.3#

56 110.8 115.7 155.7#

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#36

4-Chloro-3-methylphenol

Concen: 43.782 ng/mL

RT: 8.70 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

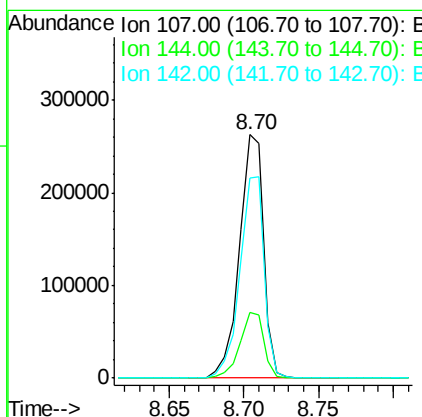
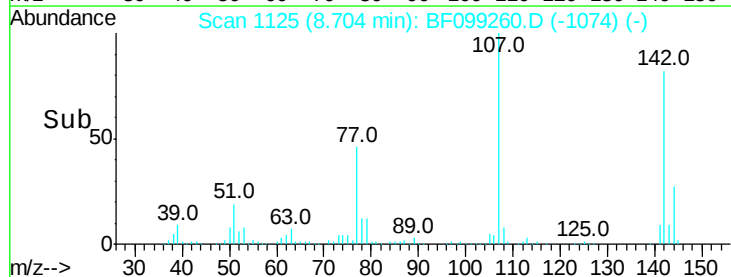
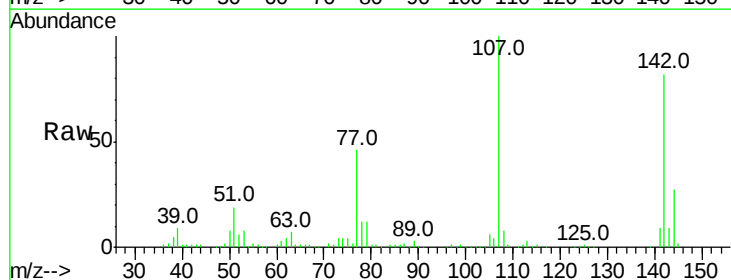
Tgt Ion: 107 Resp: 296372

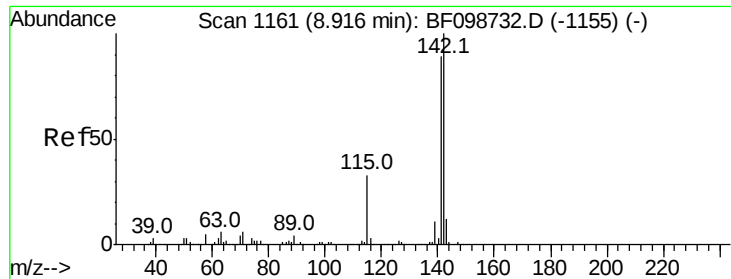
Ion Ratio Lower Upper

107 100

144 26.8 20.5 30.7

142 82.4 62.0 93.0





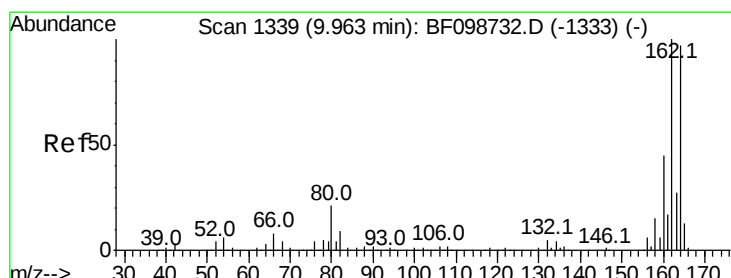
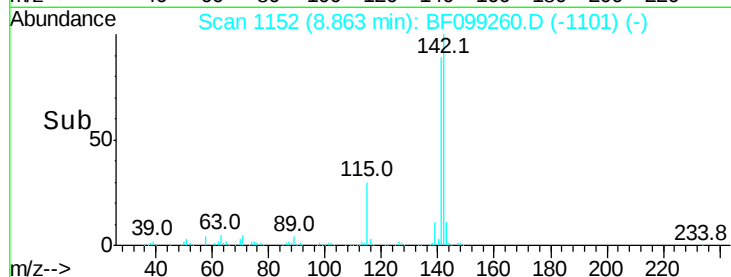
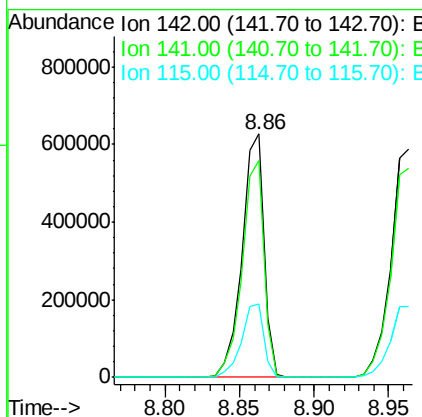
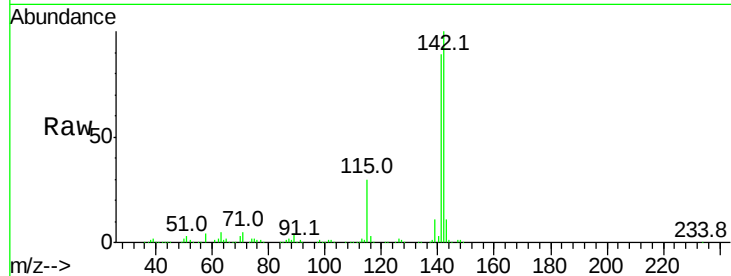
#37
2-Methylnaphthalene
Concen: 48.007 ng
RT: 8.86 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.8	106.2
115	30.3	26.1	39.1

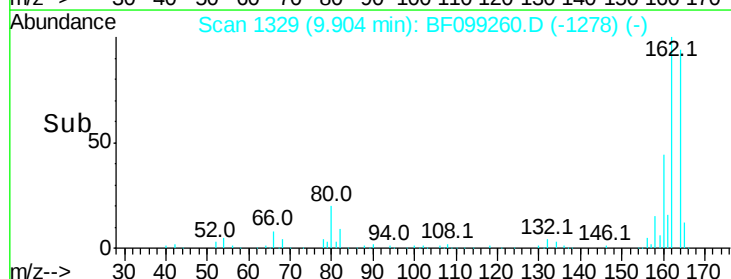
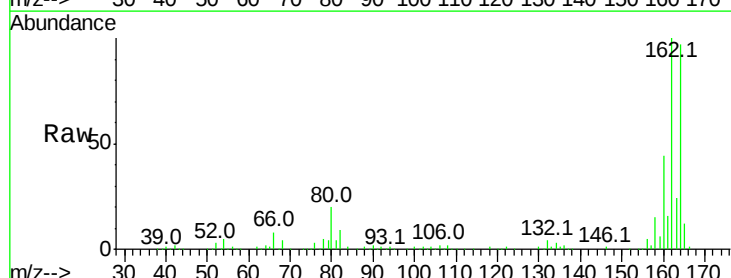
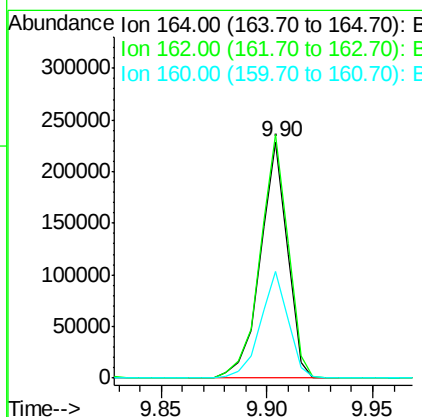
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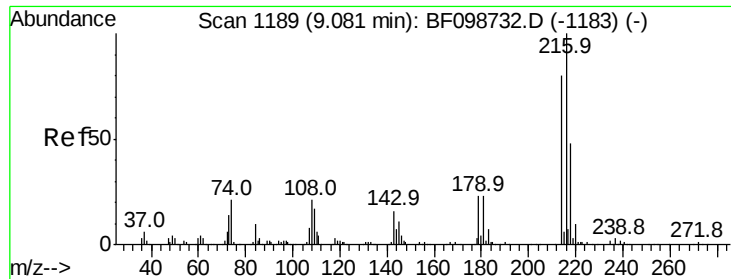
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	45.1	38.3	57.5





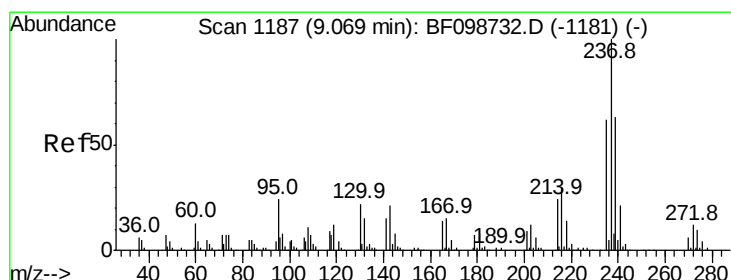
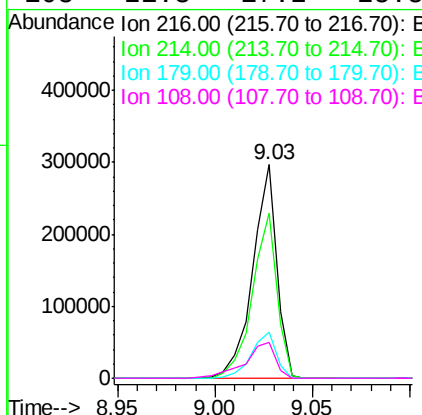
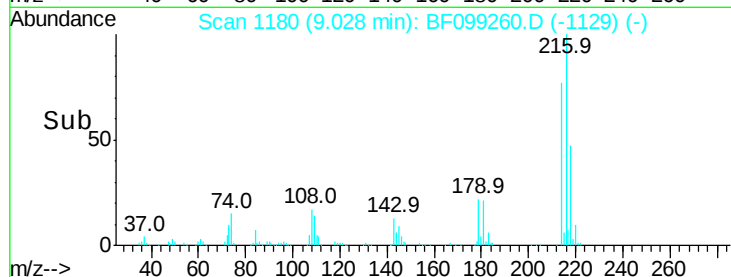
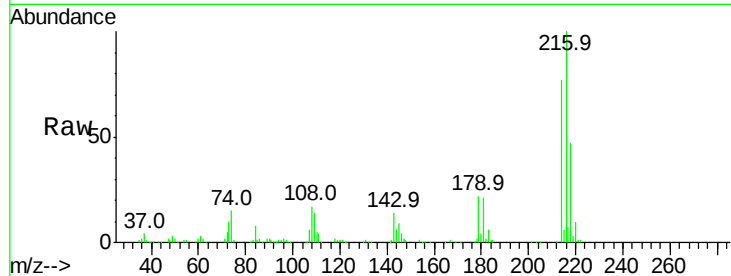
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.788 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103065BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	254662		
214	78.6	63.0	94.4	
179	22.3	18.1	27.1	
108	21.3	17.2	25.8	

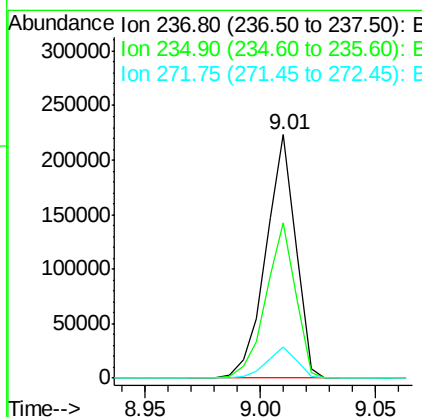
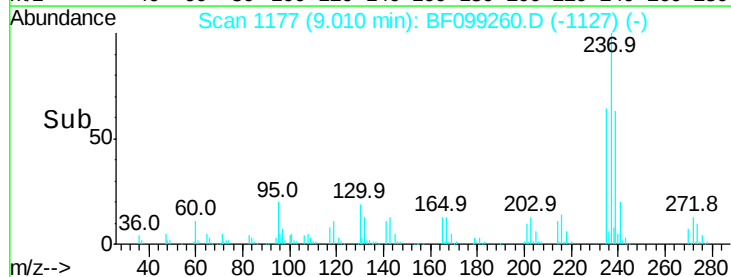
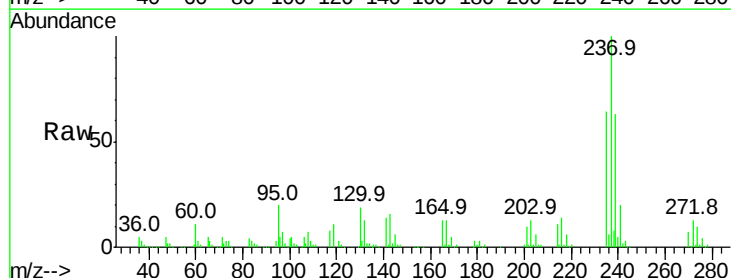
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#40
 Hexachlorocyclopentadiene
 Concen: 71.764 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	199864		
235	63.7	44.8	84.8	
272	12.9	0.0	33.3	





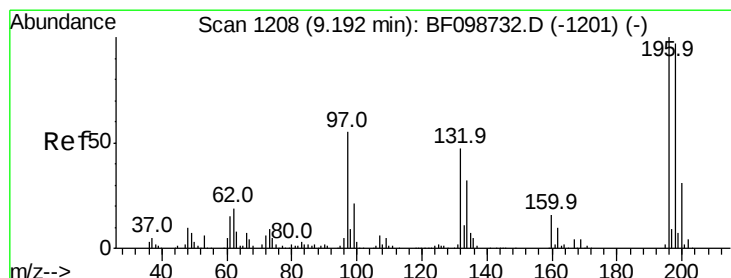
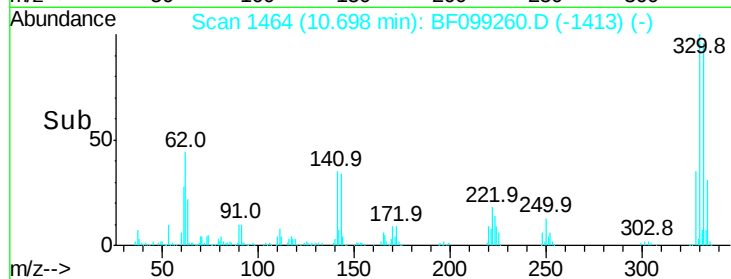
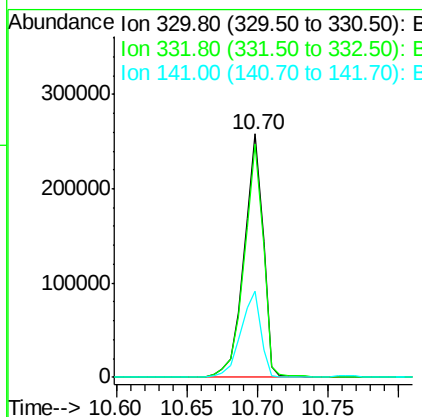
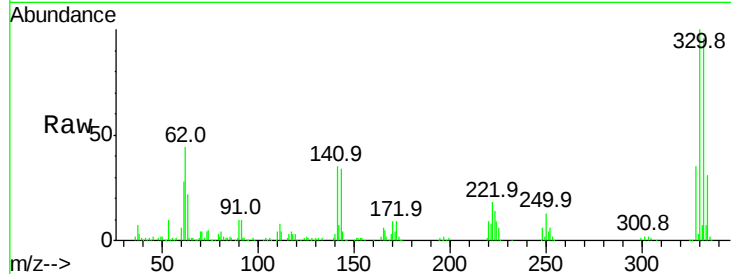
#41
 2,4,6-Tribromophenol
 Concen: 146.086 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103065BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	244269		
332	96.0	77.0	115.6	
141	37.3	29.9	44.9	

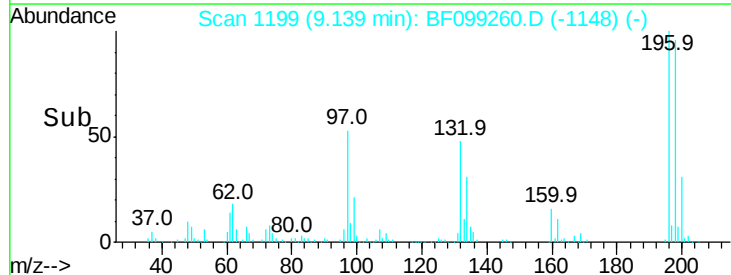
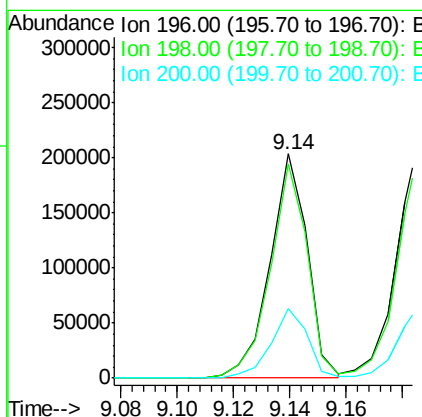
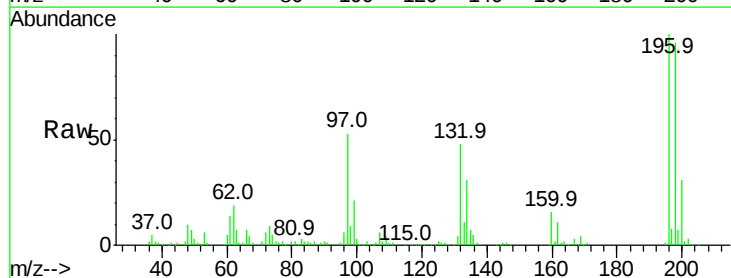
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#42
 2,4,6-Trichlorophenol
 Concen: 43.288 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186887		
198	95.7	75.7	113.5	
200	30.9	24.5	36.7	





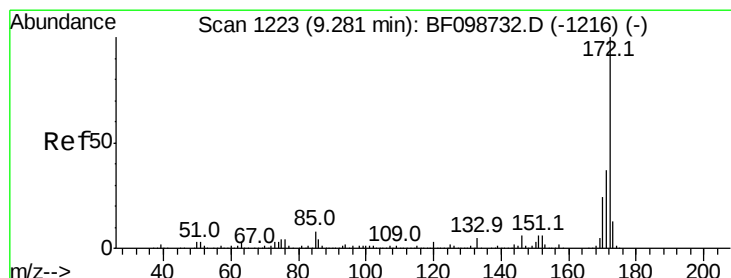
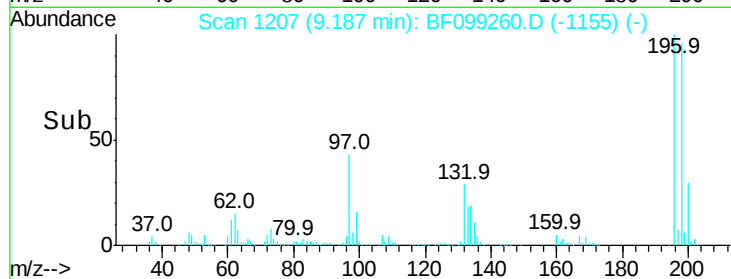
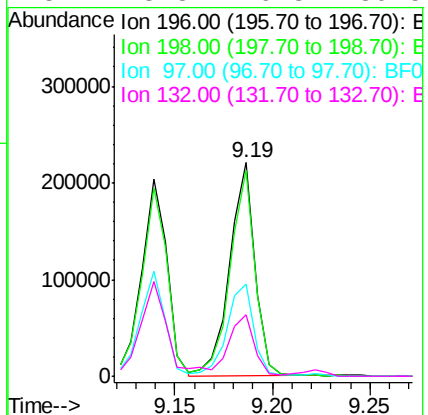
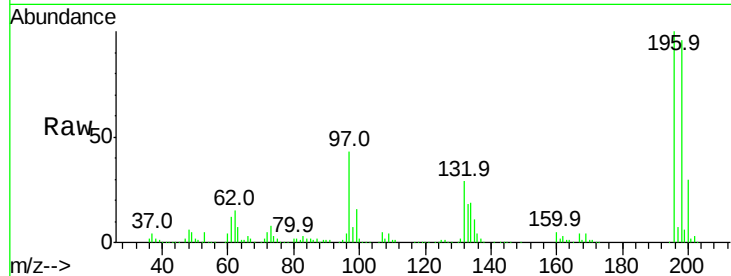
#43
2,4,5-Trichlorophenol
Concen: 45.921 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	196	Resp	197907
Ion Ratio	Lower	Upper	
196	100		
198	96.5	74.6	112.0
97	43.3	42.9	64.3
132	28.8	26.3	39.5

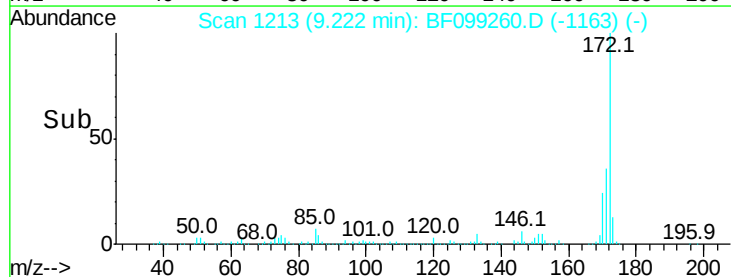
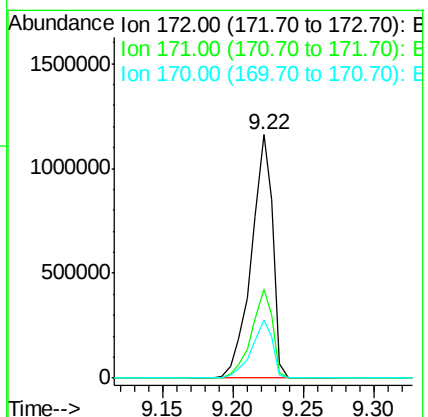
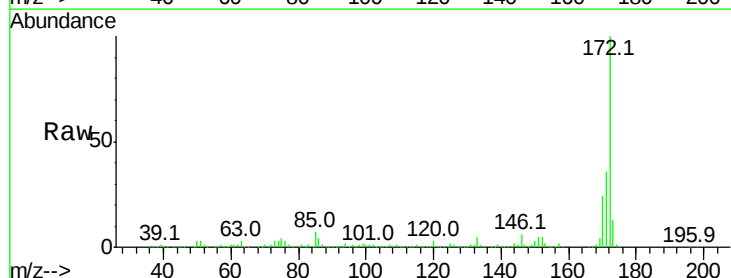
Manual Integrations
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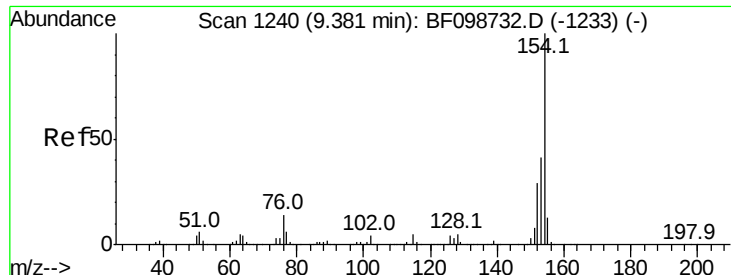
Sohil
10/10/2017 5:10:26 PM



#44
2-Fluorobiphenyl
Concen: 100.624 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	172	Resp	1231688
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.7	44.5
170	24.0	19.6	29.4





#45

1,1'-Biphenyl

Concen: 42.607 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Instrument :

BNA_F

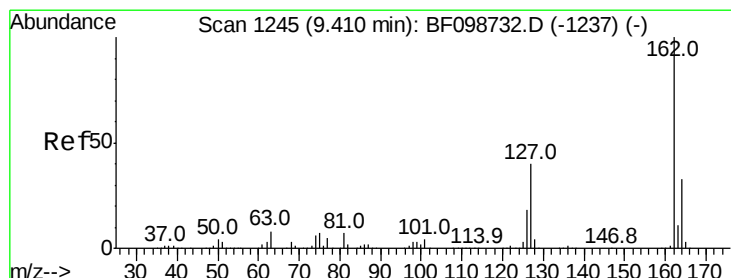
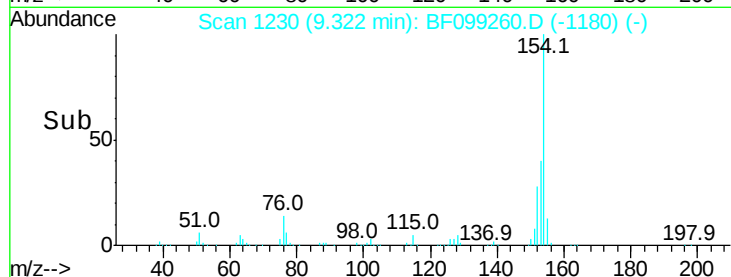
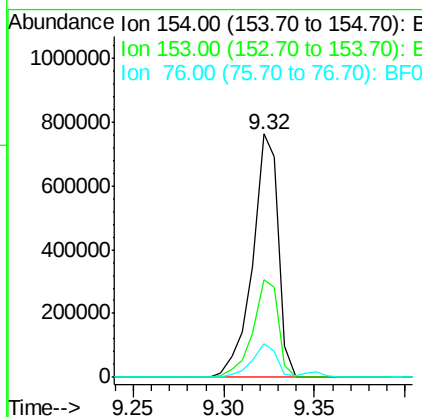
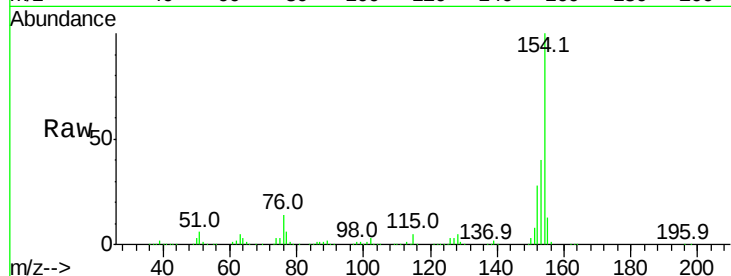
ClientSampled :

PB103065BS

Tot Ion:	154	Resp:	748282
Ion Ratio	Lower	Upper	
154	100		
153	40.1	21.3	61.3
76	14.1	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 45.046 ng

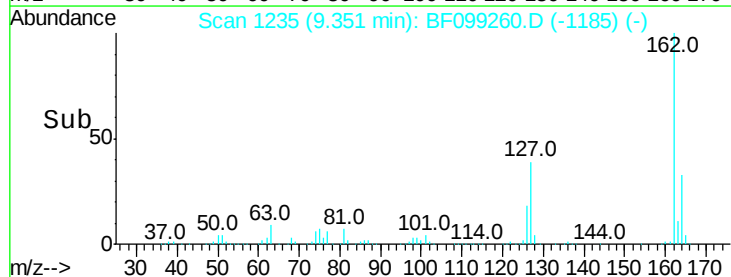
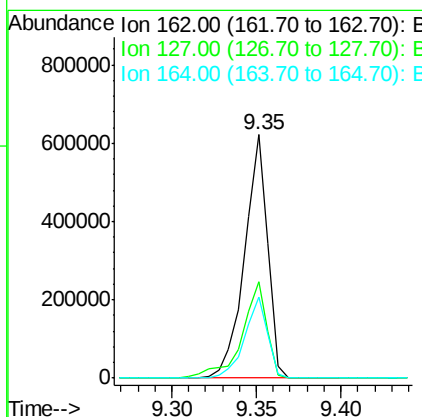
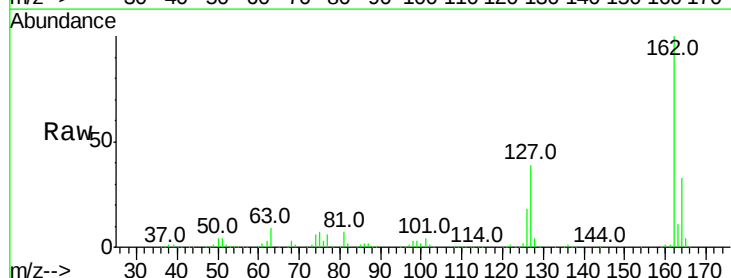
RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Tgt Ion:	162	Resp:	593984
Ion Ratio	Lower	Upper	
162	100		
127	39.3	33.9	50.9
164	33.4	26.5	39.7





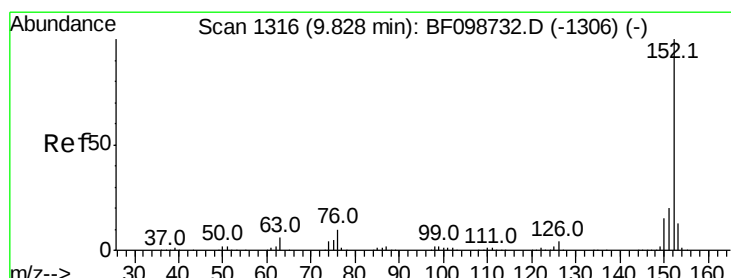
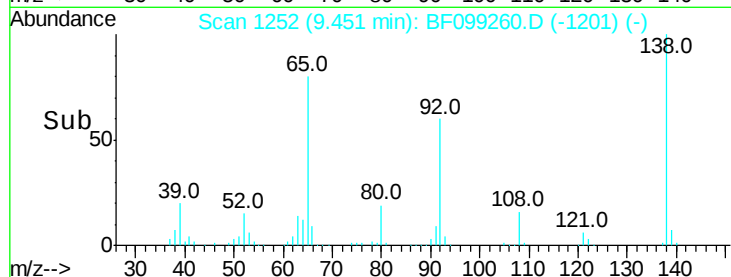
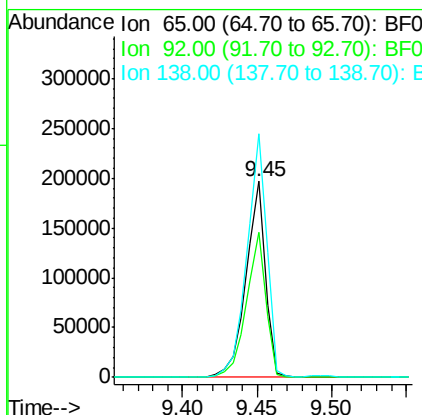
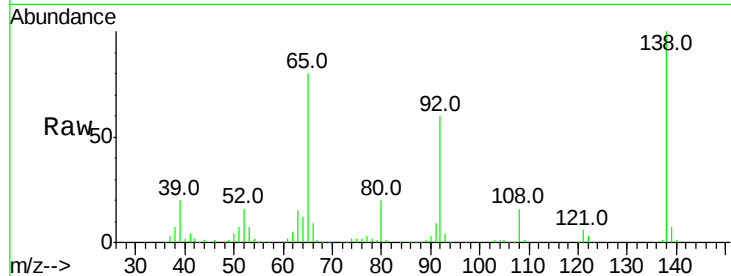
#47
2-Nitroaniline
Concen: 44.022 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.0	55.8	83.6
138	124.3	91.2	136.8

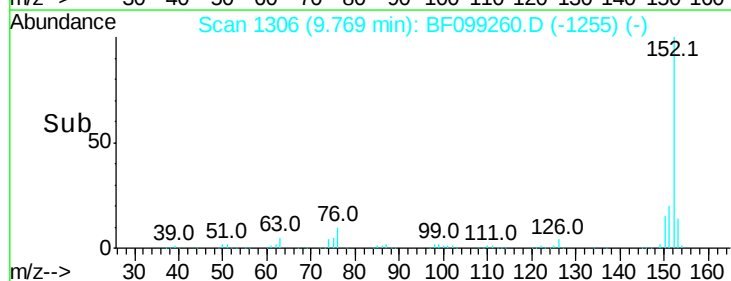
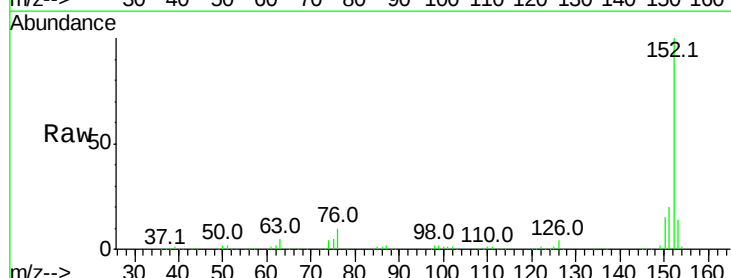
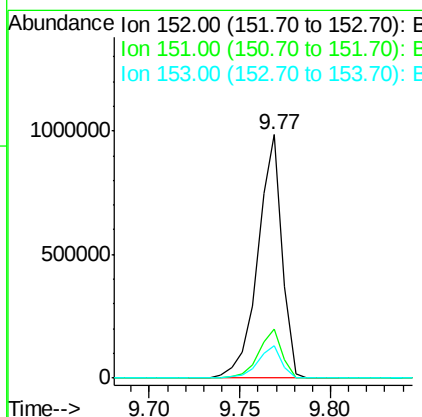
Manual Integrations
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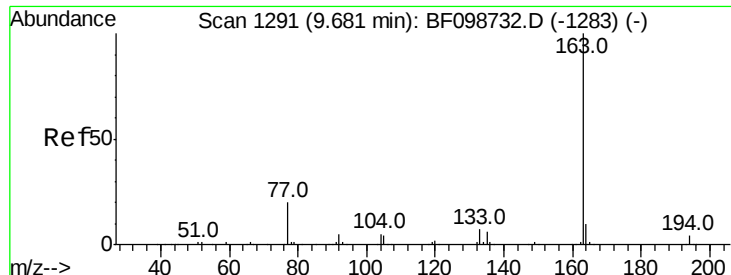
Sohil
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#48
Acenaphthylene
Concen: 44.983 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.5	10.7	16.1





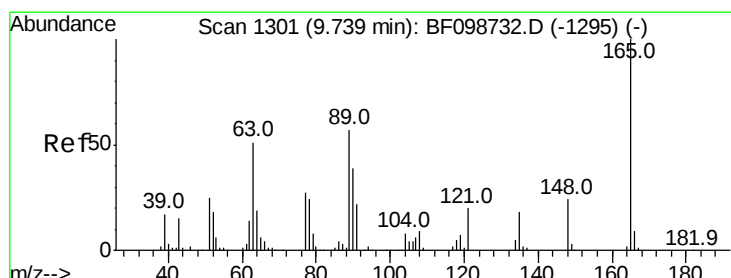
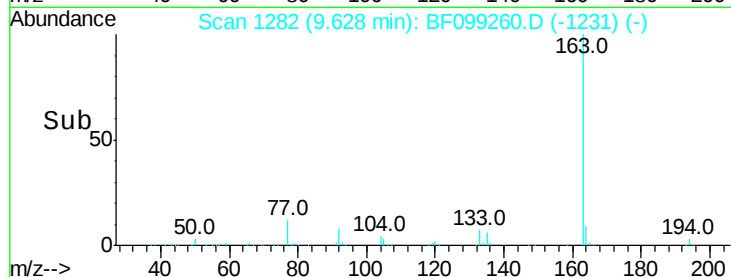
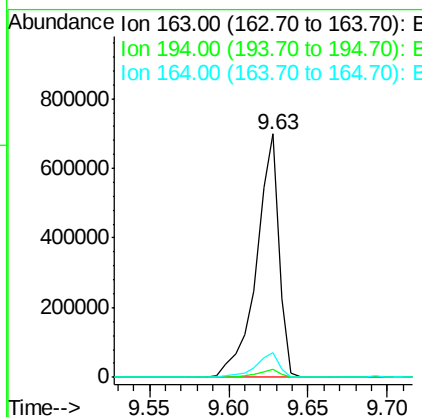
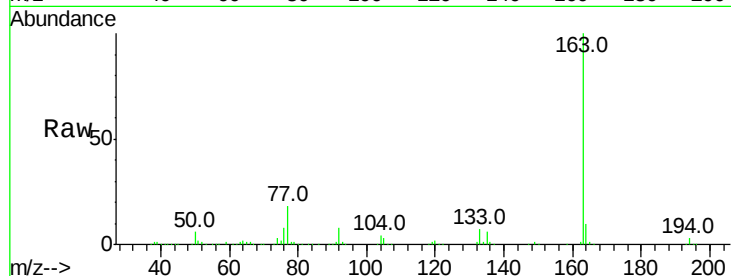
#49
Dimethylphthalate
Concen: 44.984 ng
RT: 9.63 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	693782		
194	3.4		2.7	4.1
164	10.3		8.2	12.2

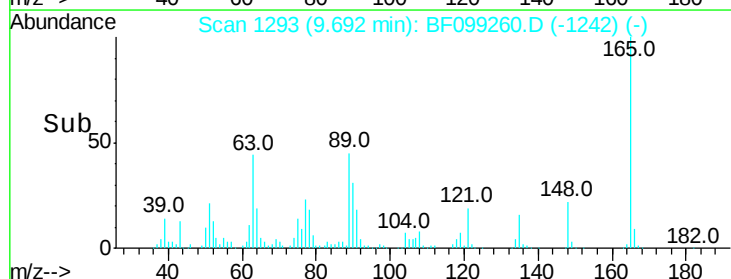
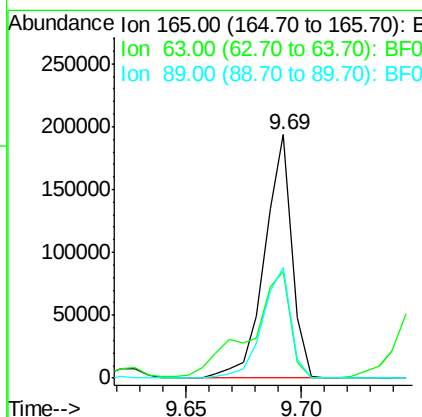
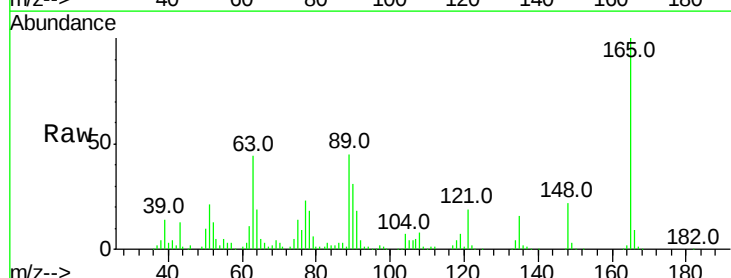
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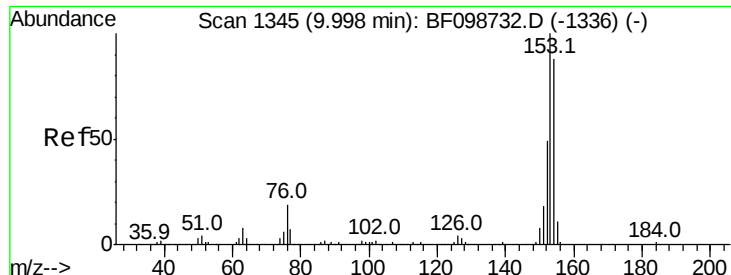
Sohil
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#50
2,6-Dinitrotoluene
Concen: 47.473 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	159398		
63	43.9		44.7	67.1#
89	45.2		44.0	66.0





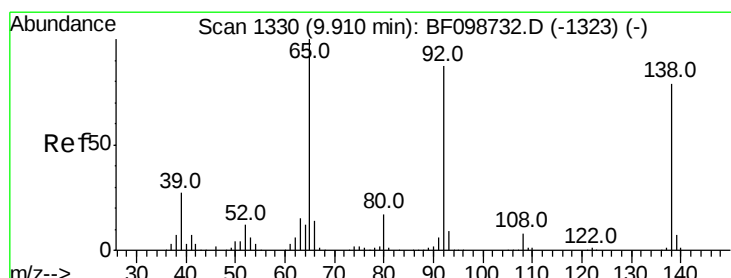
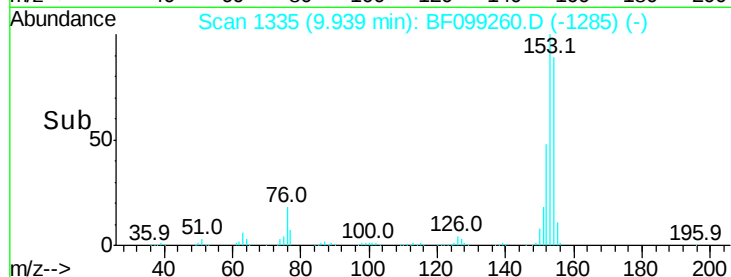
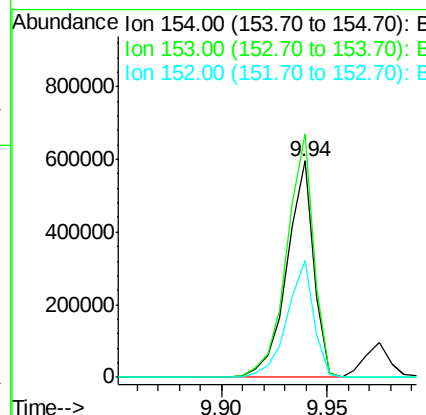
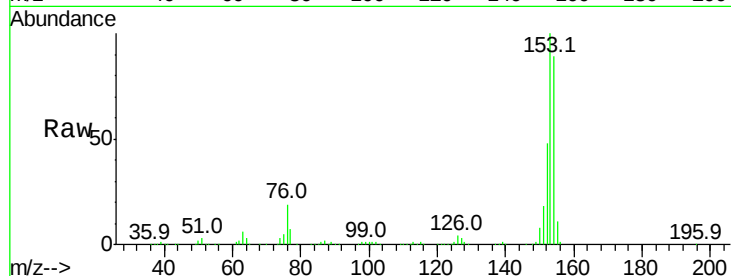
#51
Acenaphthene
Concen: 41.278 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.5	91.2	136.8
152	54.0	43.8	65.8

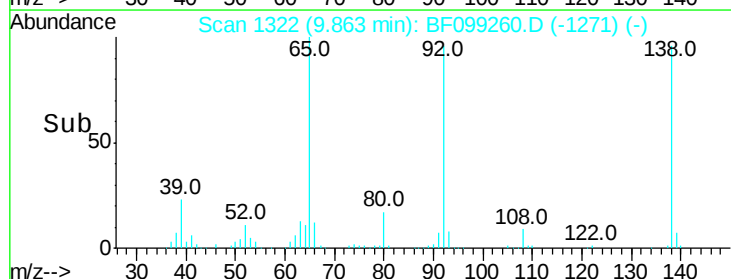
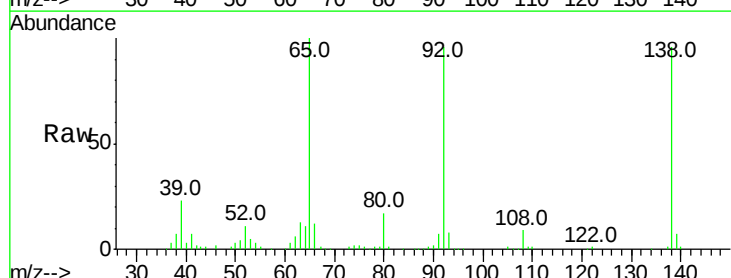
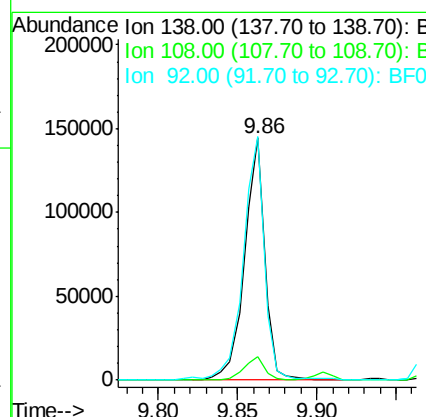
Manual Integrations
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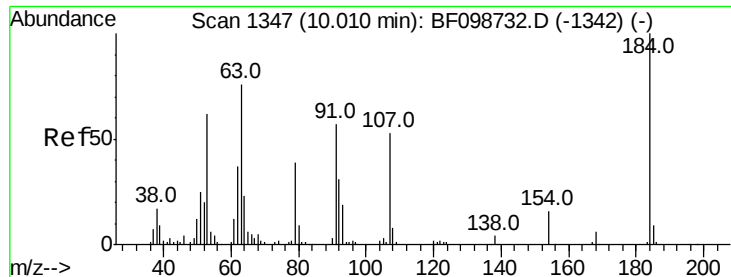
Sohil
10/10/2017 5:10:26 PM



#52
3-Nitroaniline
Concen: 32.687 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.5	9.4	14.0
92	100.5	89.4	134.2





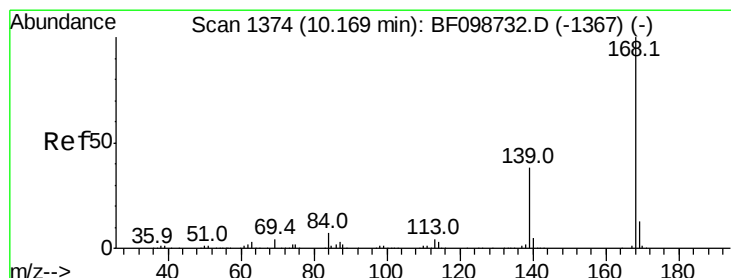
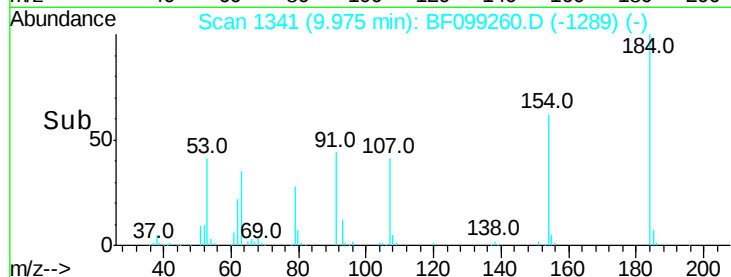
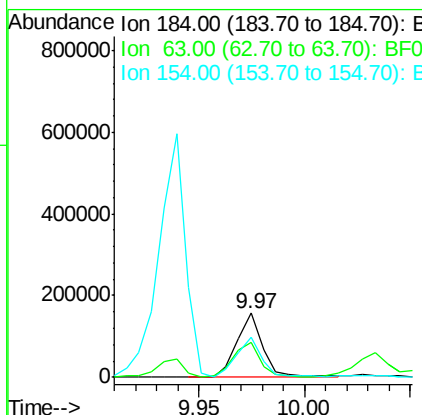
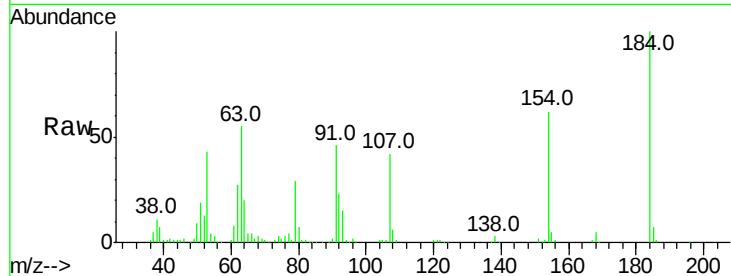
#53
2,4-Dinitrophenol
Concen: 77.742 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	55.3	54.2	81.2	
154	61.8	53.5	80.3	

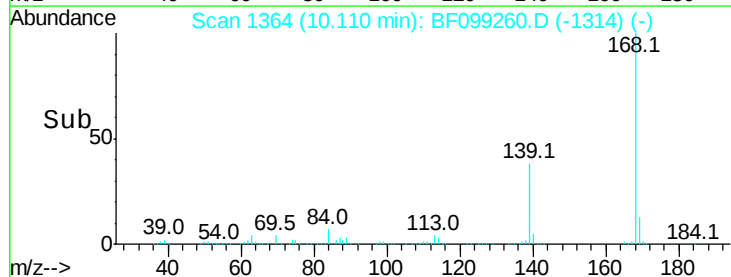
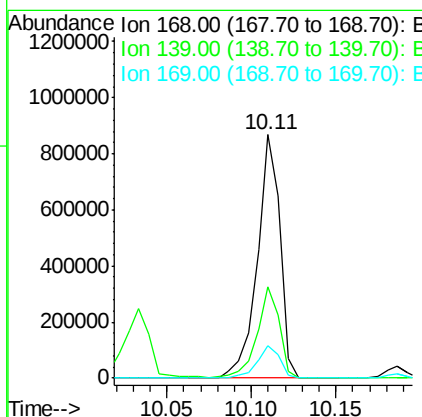
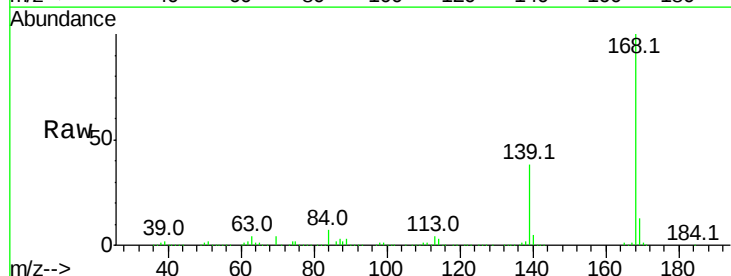
Manual Integrations
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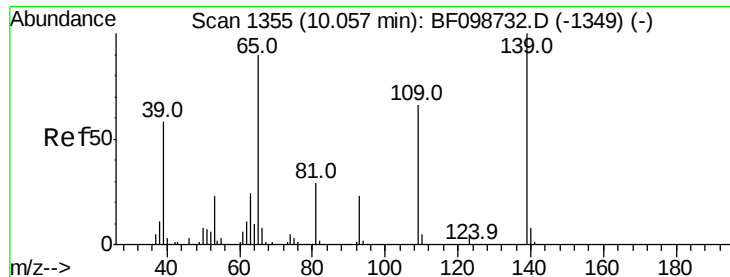
Sohil
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#54
Dibenzofuran
Concen: 47.605 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.7	30.1	45.1	
169	13.4	10.9	16.3	





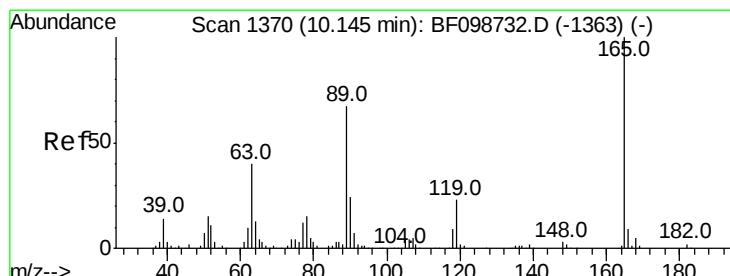
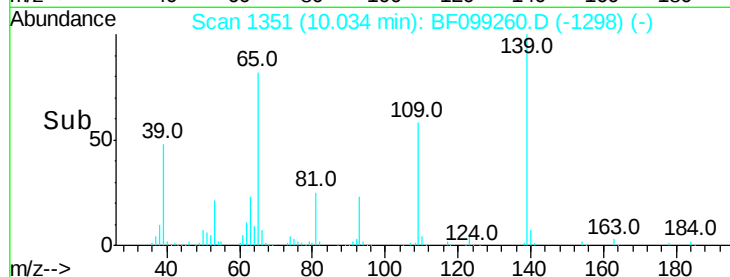
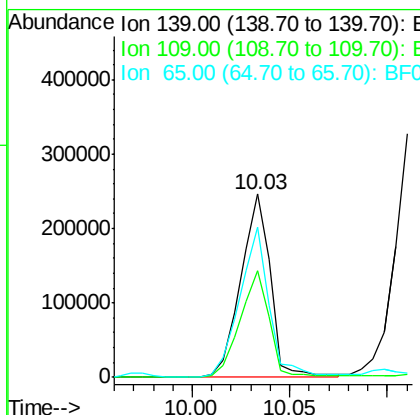
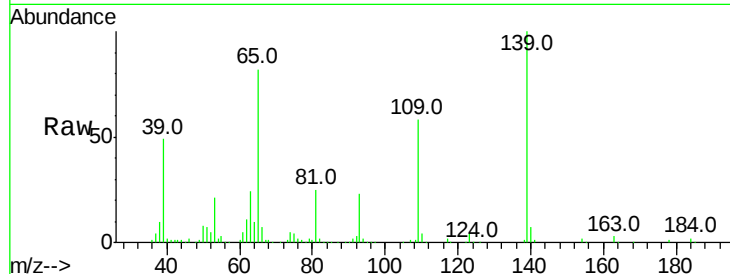
#55
4-Nitrophenol
Concen: 78.416 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	259592		
109	58.3	48.4	88.4	
65	81.7	72.6	112.6	

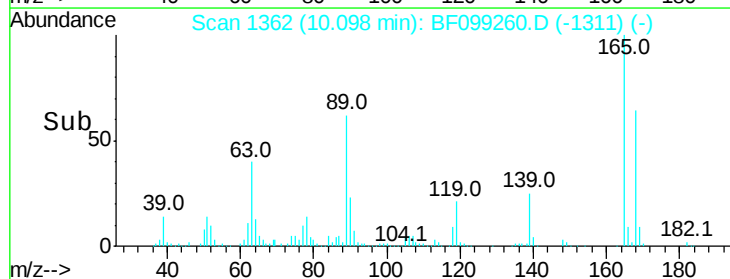
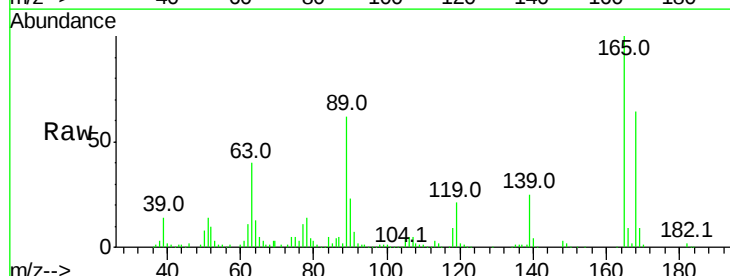
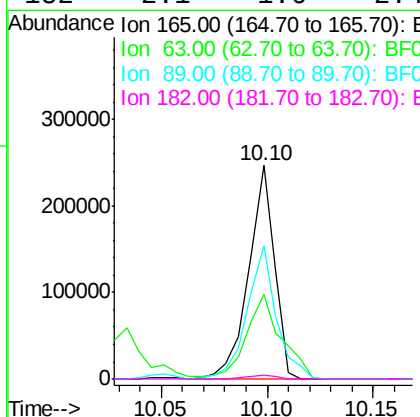
Manual Integrations
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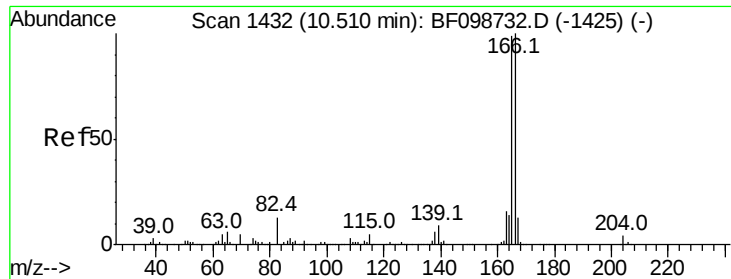
Sohil
10/10/2017 5:10:26 PM



#56
2,4-Dinitrotoluene
Concen: 48.461 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	211173		
63	39.8	36.4	54.6	
89	62.4	57.8	86.6	
182	2.1	1.6	2.4	





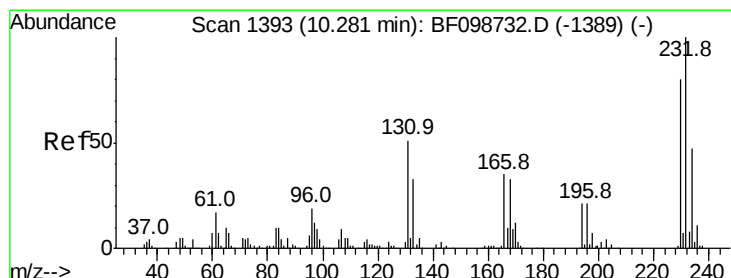
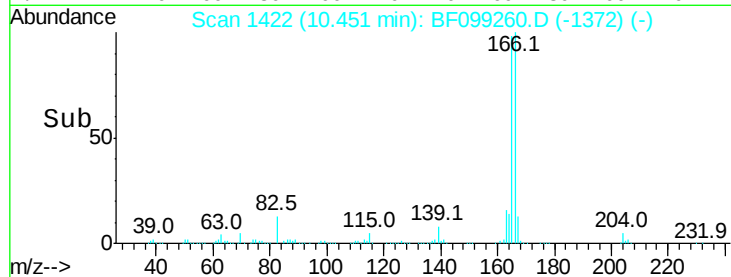
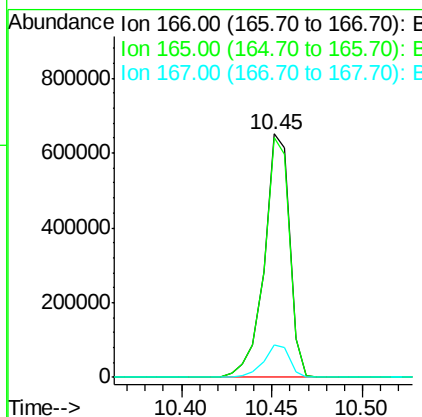
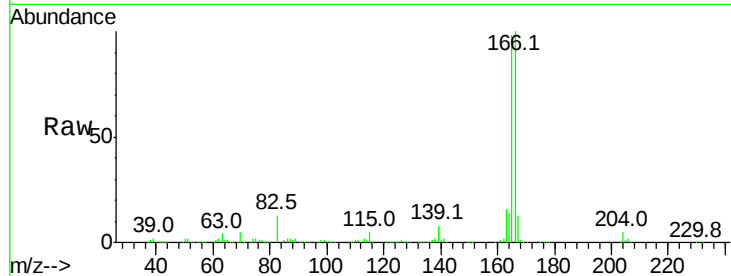
#57
 Fluorene
 Concen: 46.261 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103065BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.8	119.8
167	13.5	10.6	16.0

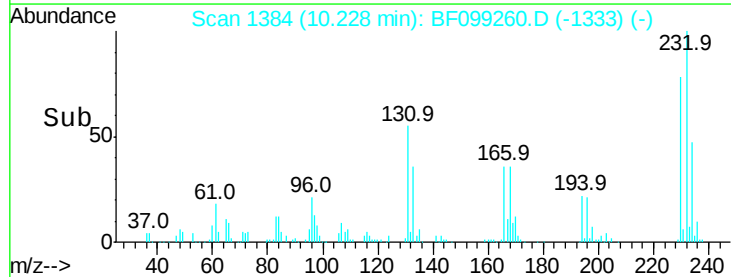
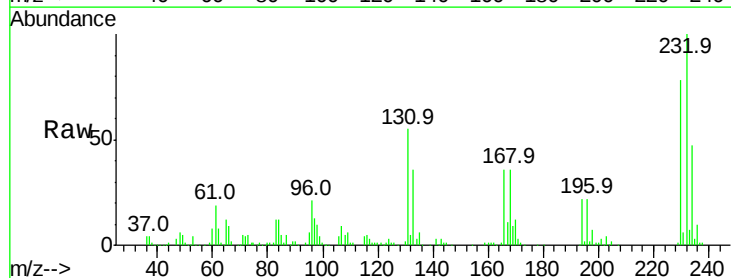
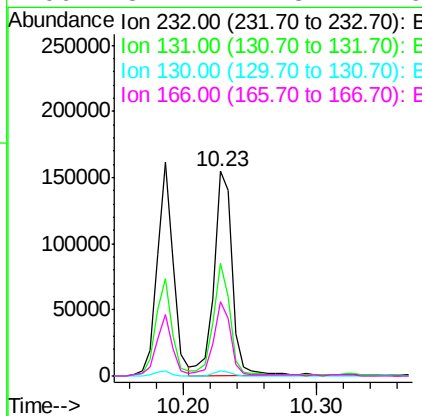
Manual Integrations
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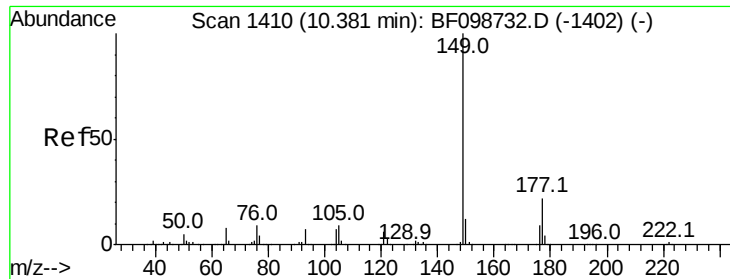
Sohil
 10/10/2017 5:10:26 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.358 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.6	43.8	65.8
130	2.2	2.1	3.1
166	34.2	27.8	41.6





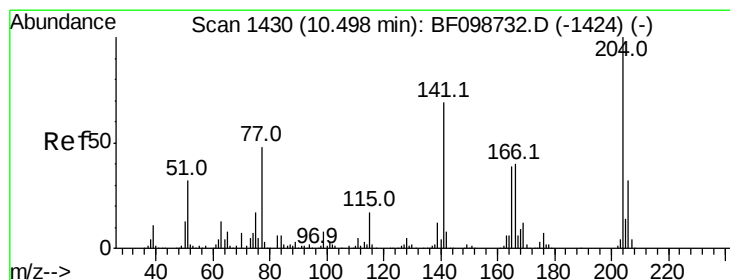
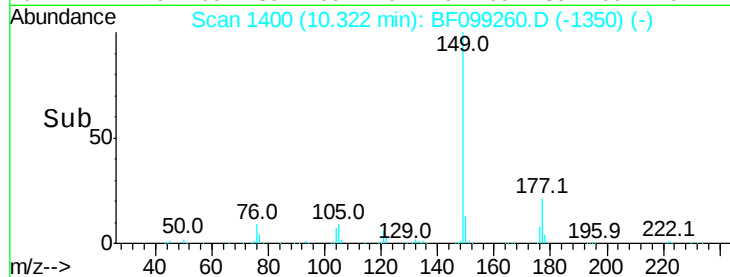
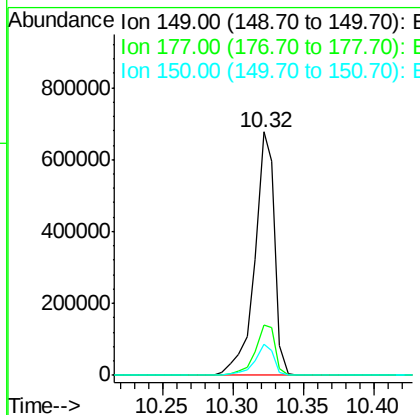
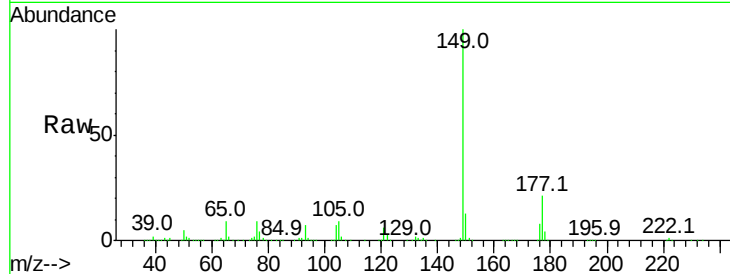
#59
Diethylphthalate
Concen: 44.372 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	668701		
177	20.9	16.1	24.1	
150	12.7	10.1	15.1	

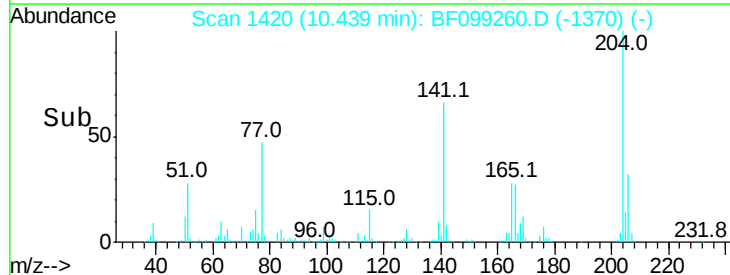
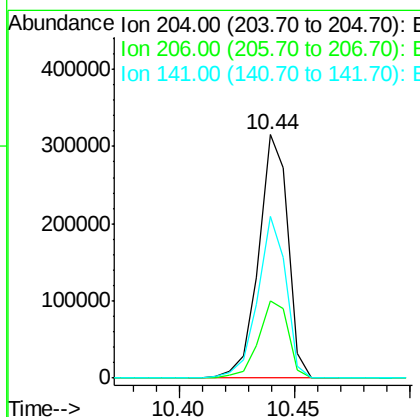
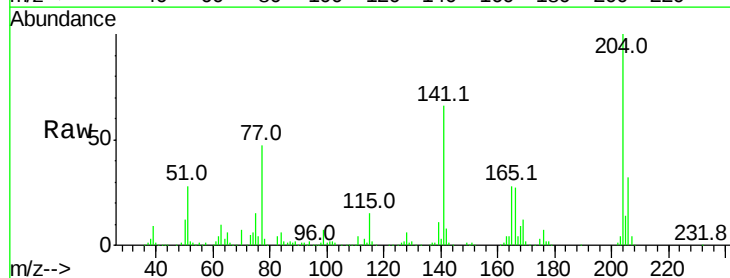
Manual Integrations
APPROVED

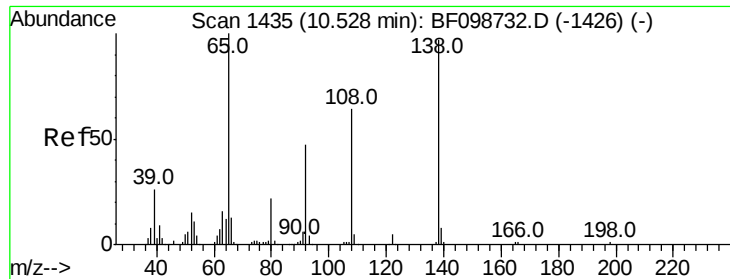
Sohil
10/10/2017 5:10:26 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.420 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	279192		
206	31.7	26.5	39.7	
141	66.3	54.6	81.8	





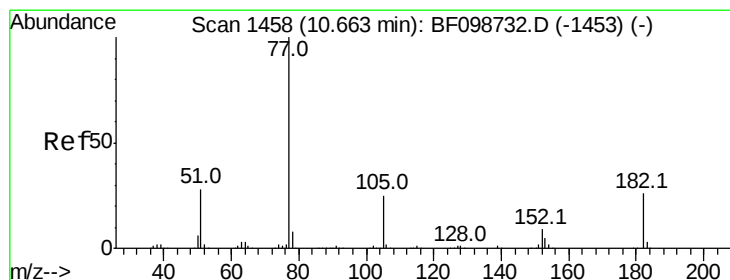
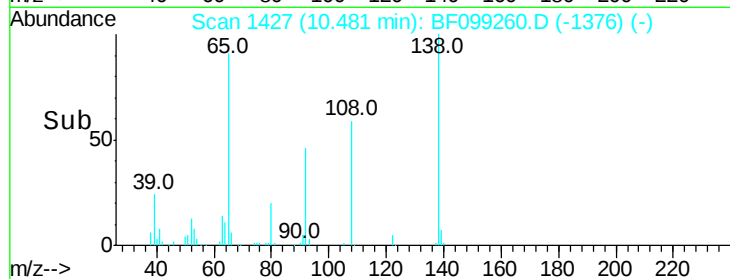
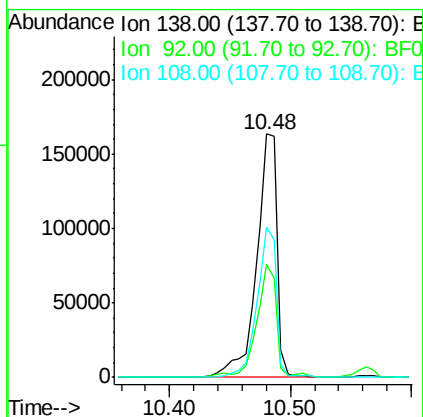
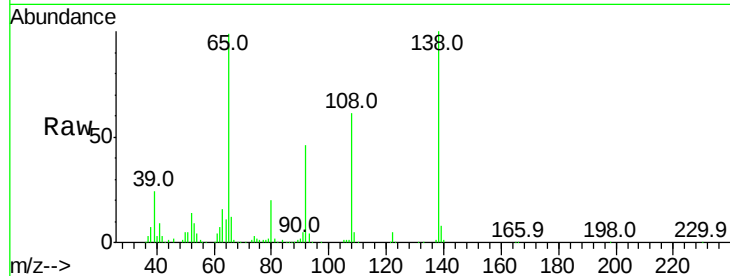
#61
4-Nitroaniline
Concen: 51.394 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.4	30.2	70.2
108	61.5	52.5	92.5

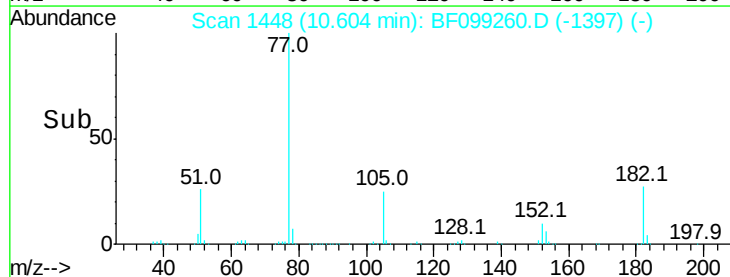
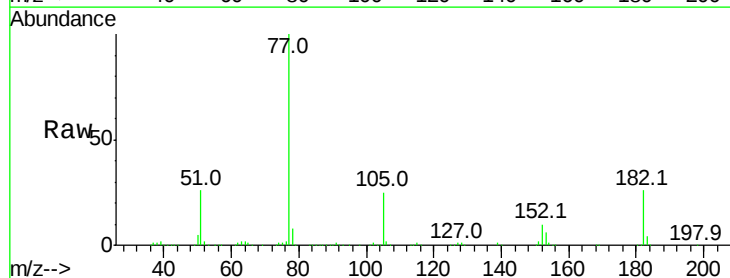
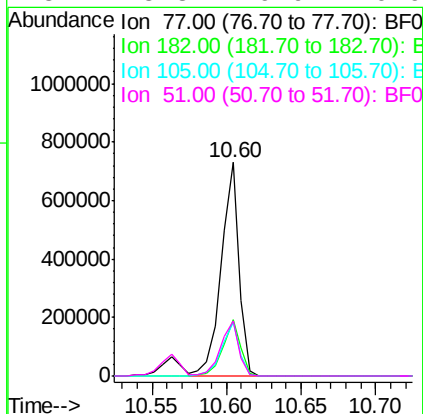
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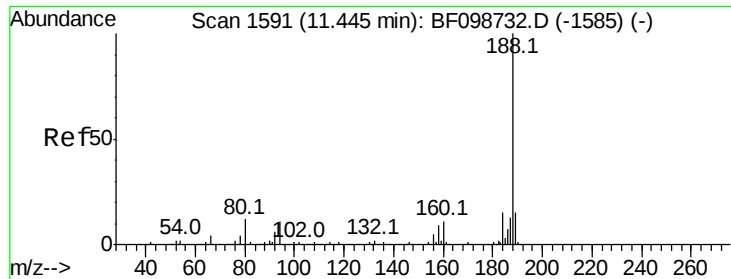
Sohil
10/10/2017 5:10:26 PM



#62
Azobenzene
Concen: 44.422 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.4	1.7	41.7
105	25.3	3.0	43.0
51	25.8	9.9	49.9





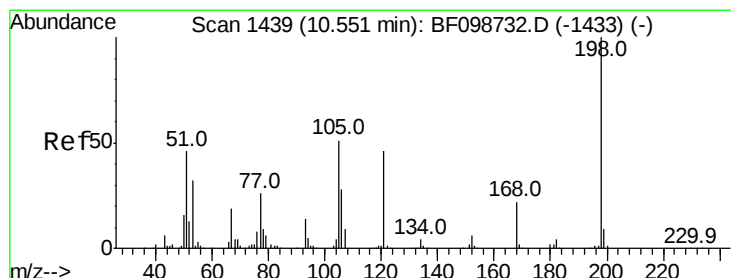
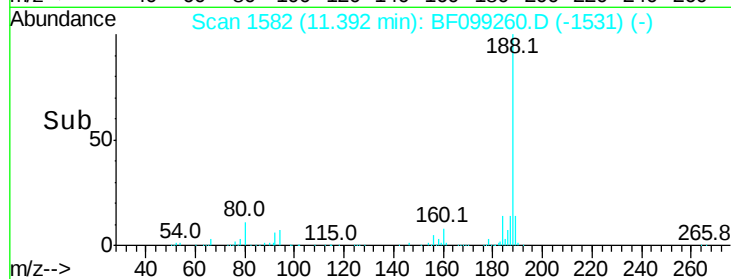
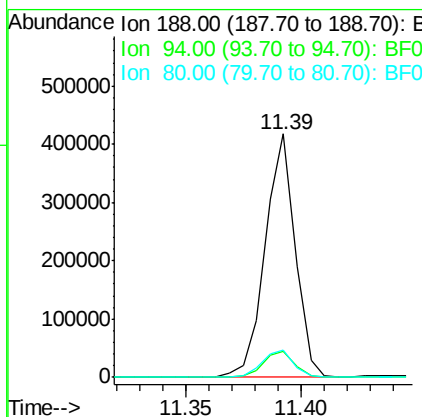
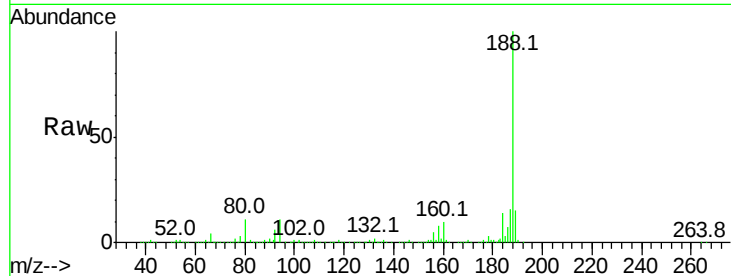
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.9	8.5	12.7	
80	11.2	9.2	13.8	

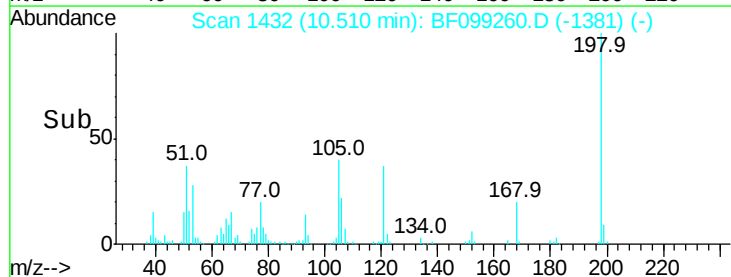
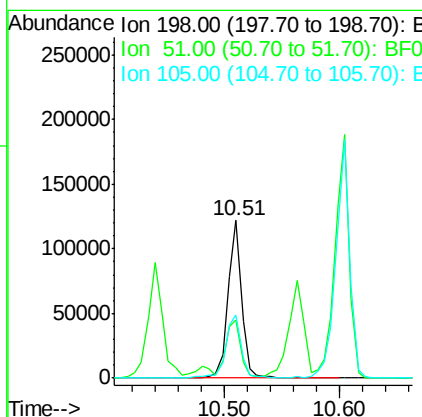
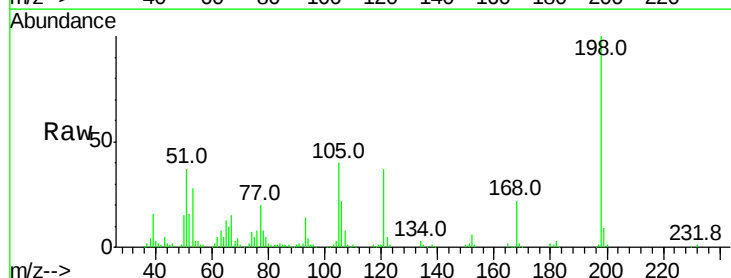
Manual Integrations
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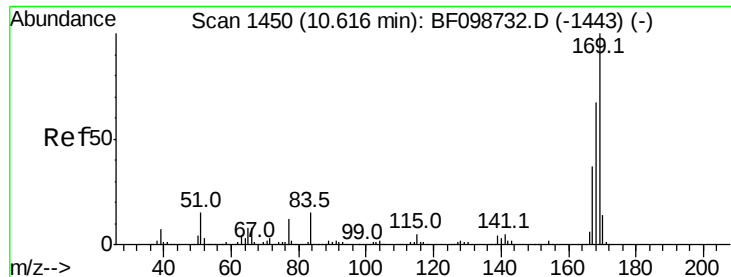
Sohil
10/10/2017 5:10:26 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 43.661 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	36.8	37.7	77.7#	
105	40.0	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 43.971 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Instrument :

BNA_F

ClientSampleId :

PB103065BS

Tot Ion:169 Resp: 577306

Ion Ratio Lower Upper

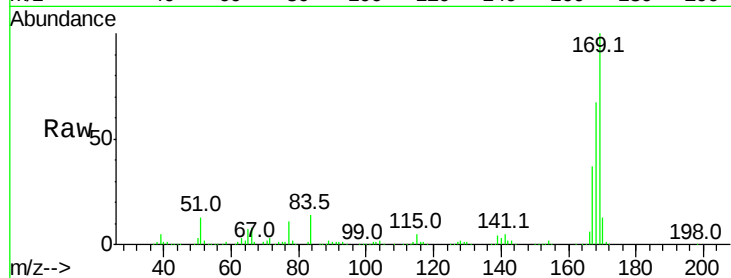
169 100

168 67.5 54.4 81.6

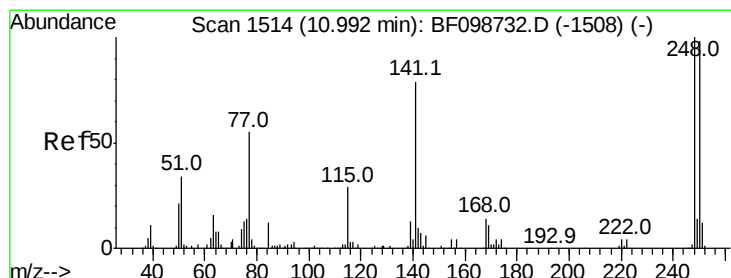
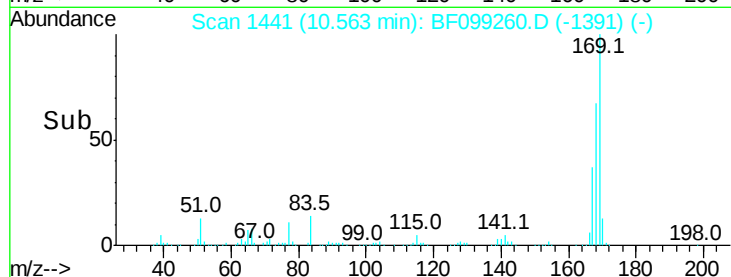
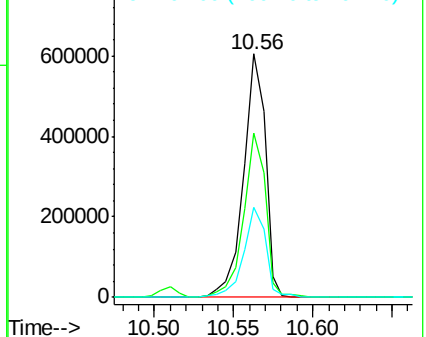
167 37.0 29.8 44.6

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.907 ng

RT: 10.93 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

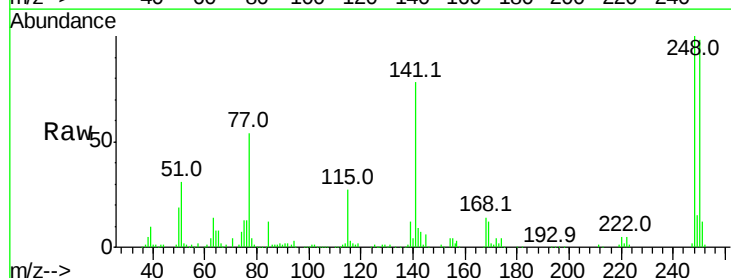
Tgt Ion:248 Resp: 166587

Ion Ratio Lower Upper

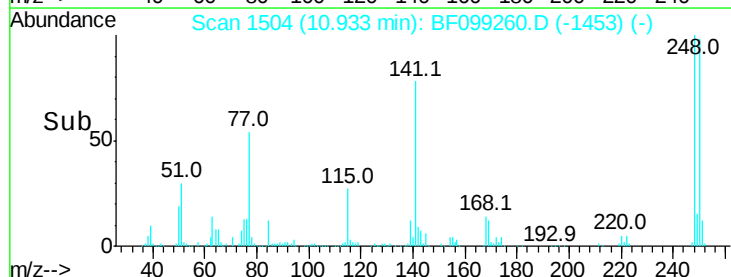
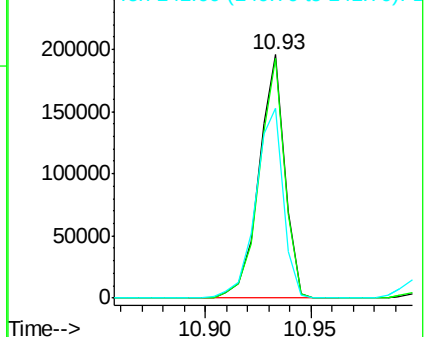
248 100

250 98.3 76.9 115.3

141 77.8 74.4 111.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





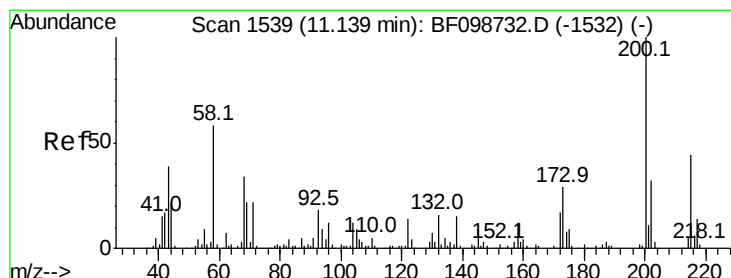
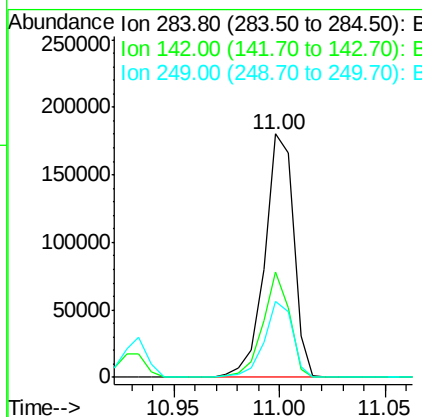
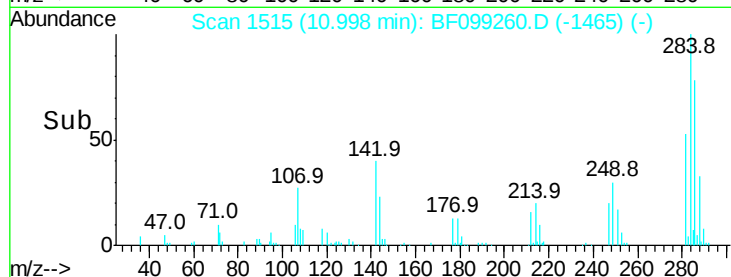
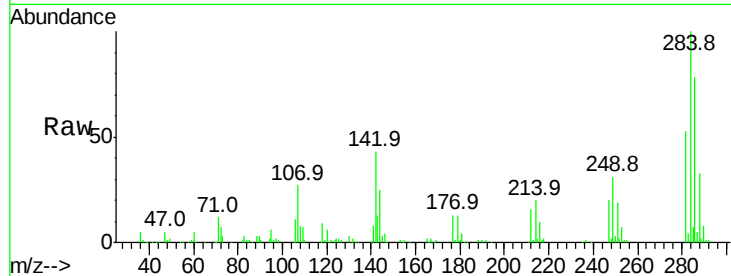
#67
Hexachlorobenzene
Concen: 43.394 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	43.4	34.6	52.0	
249	31.1	24.8	37.2	

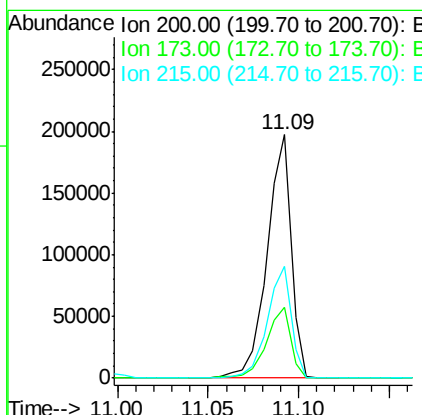
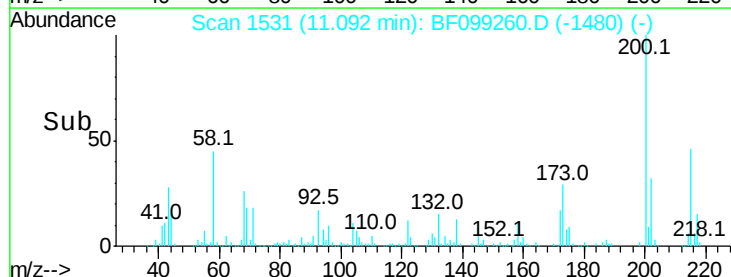
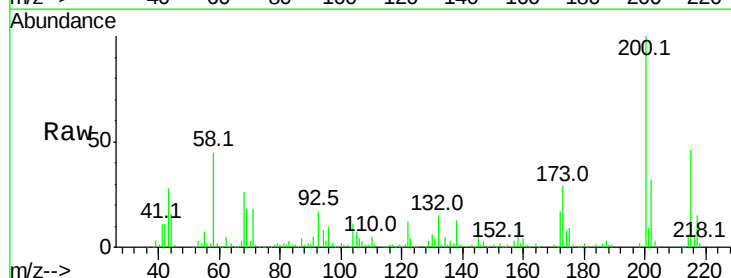
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#68
Atrazine
Concen: 46.069 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.1	8.6	48.6	
215	46.0	25.1	65.1	





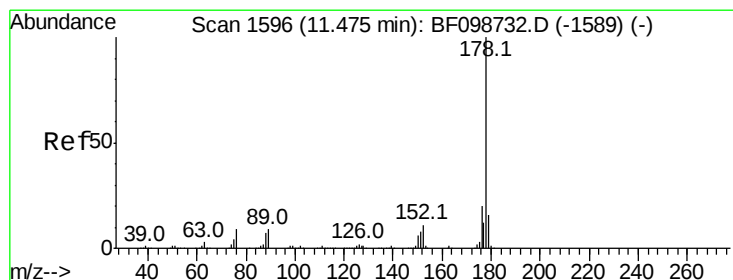
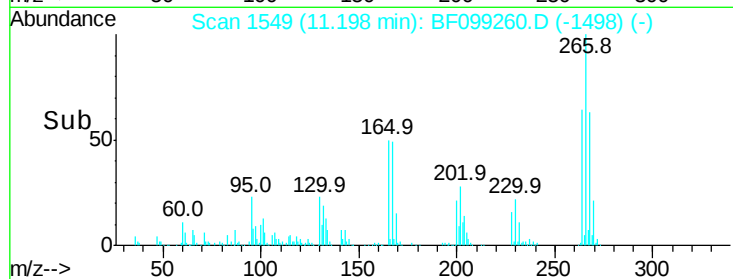
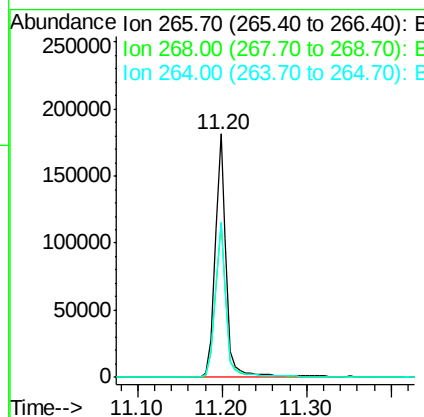
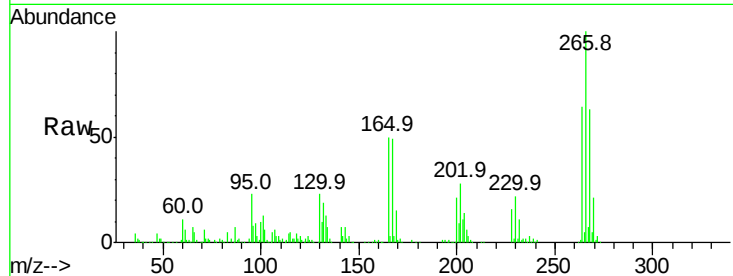
#69
 Pentachlorophenol
 Concen: 70.135 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampled :
 PB103065BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	172940		
268	63.4	51.1	76.7	
264	63.8	49.5	74.3	

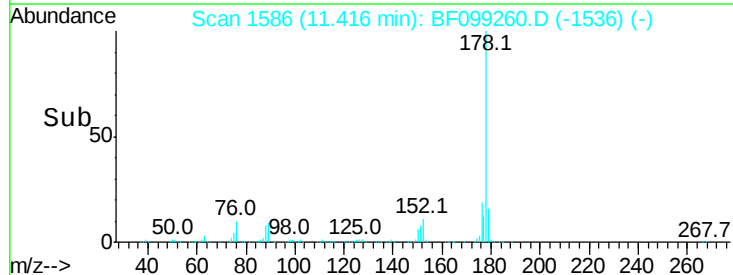
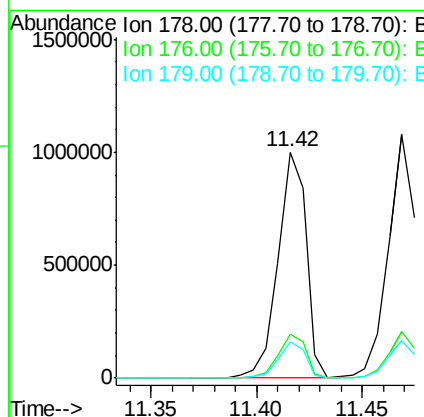
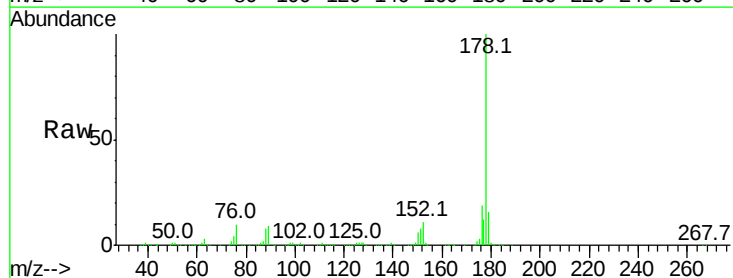
Manual Integrations
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#70
 Phenanthrene
 Concen: 45.991 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	932972		
176	19.4	15.8	23.8	
179	15.8	13.0	19.6	





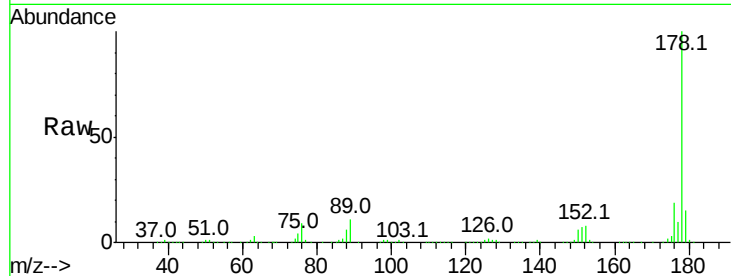
#71
 Anthracene
 Concen: 46.614 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103065BS

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

Manual Integrations
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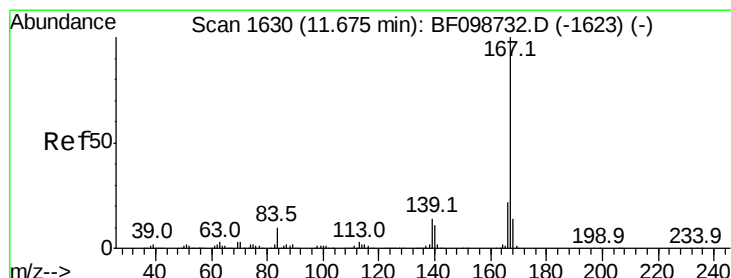
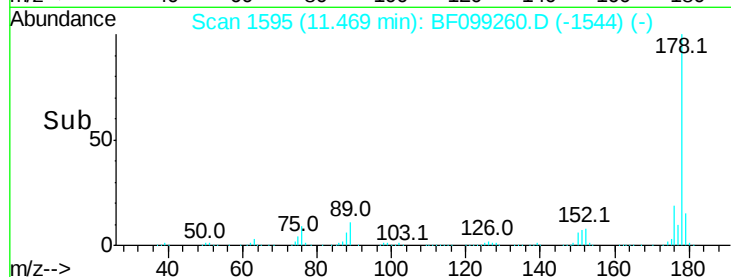
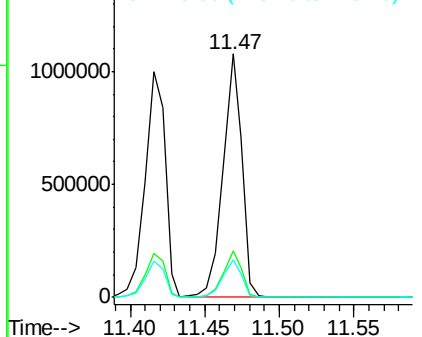


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 45.277 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

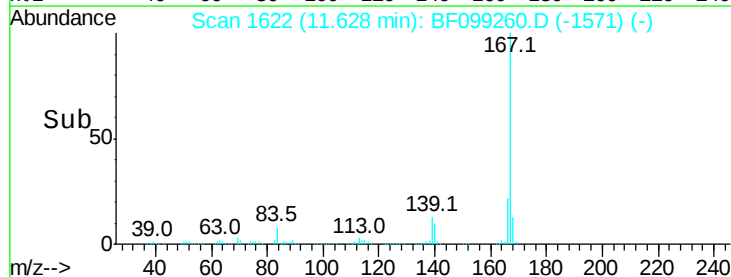
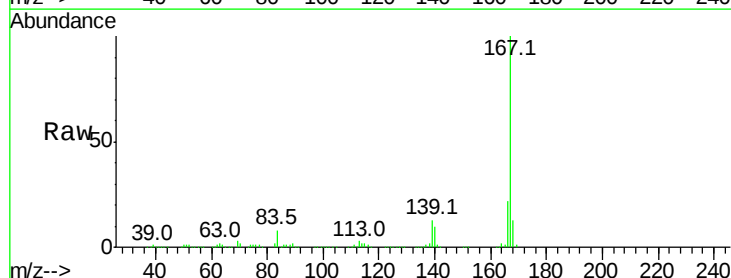
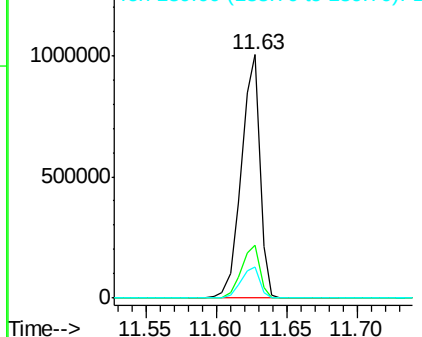
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.6	26.4
139	12.9	10.9	16.3

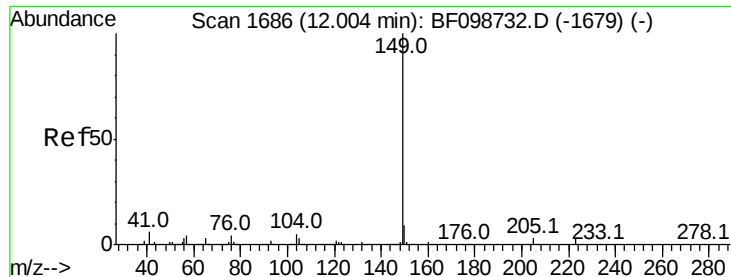
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





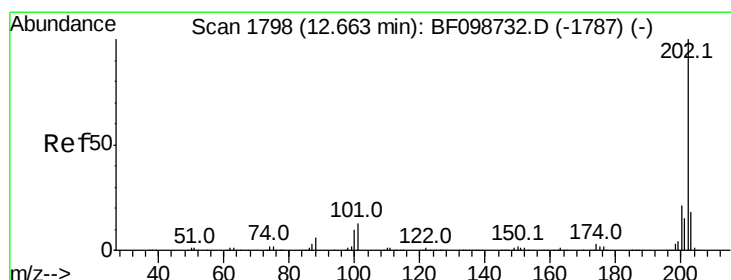
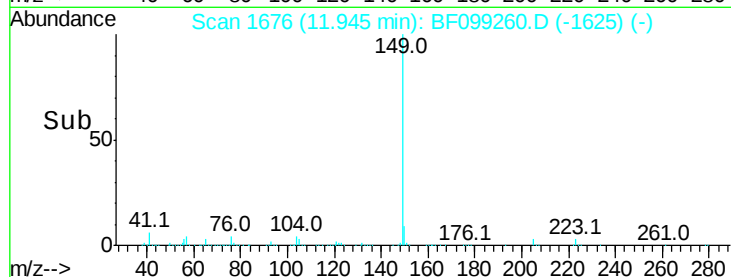
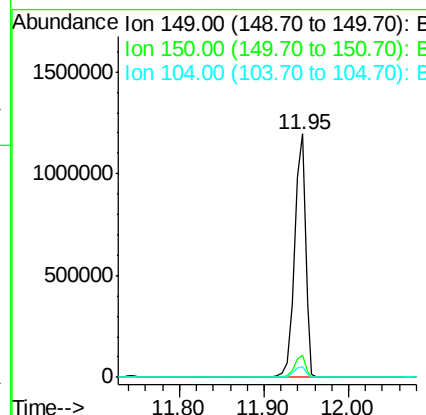
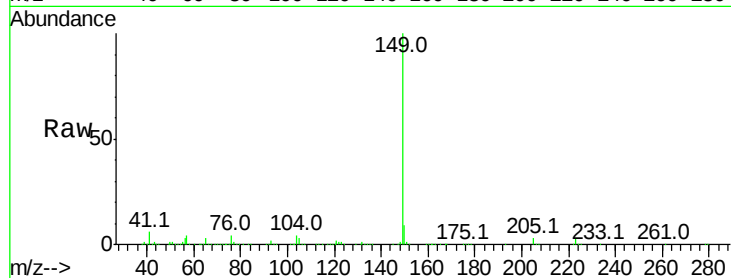
#73
Di-n-butylphthalate
Concen: 44.027 ng
RT: 11.95 min Scan# 1676
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion:149 Resp: 1077159
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 4.4 3.8 5.8

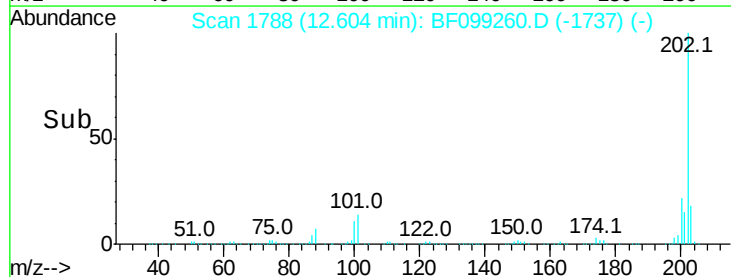
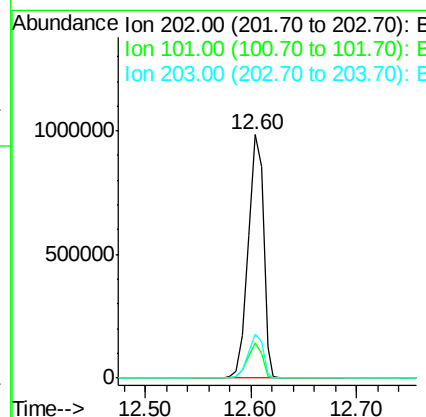
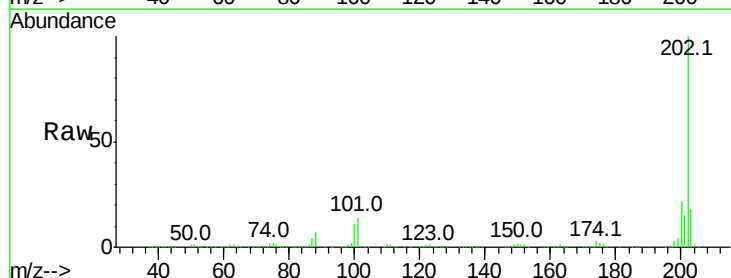
Manual Integrations
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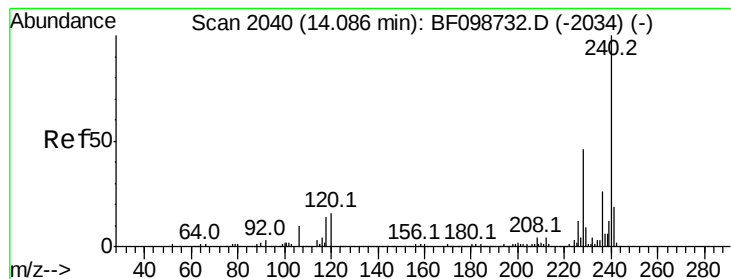
Sohil
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#74
Fluoranthene
Concen: 47.608 ng
RT: 12.60 min Scan# 1788
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion:202 Resp: 977965
Ion Ratio Lower Upper
202 100
101 14.3 0.0 34.1
203 18.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.00 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Instrument :

BNA_F

ClientSampleId :

PB103065BS

Tot Ion:240 Resp: 298237

Ion Ratio Lower Upper

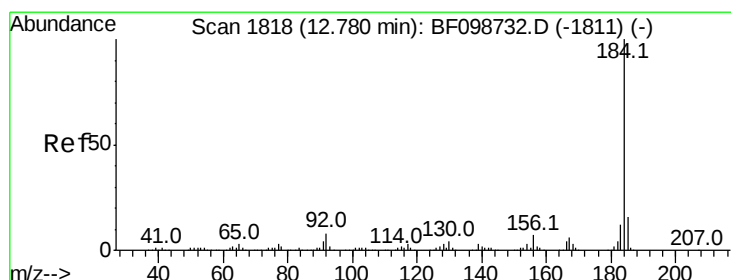
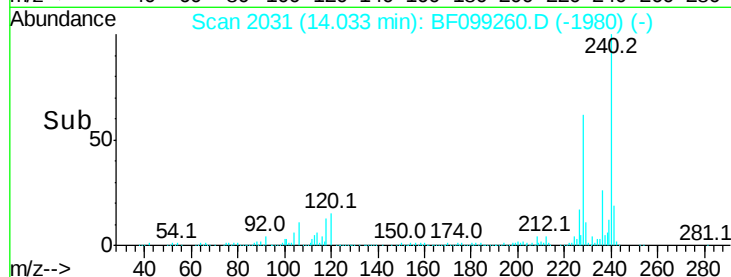
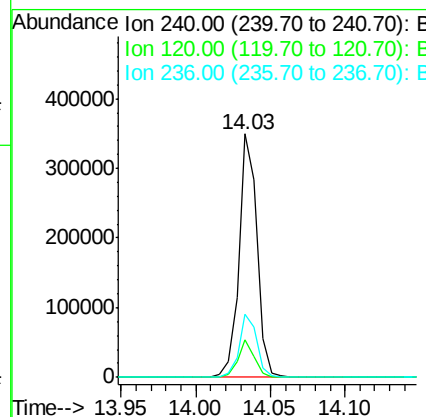
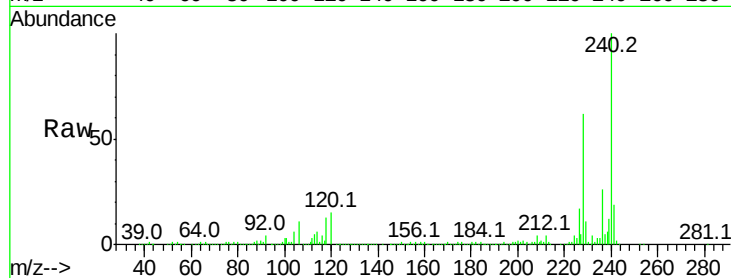
240 100

120 15.4 9.5 14.3#

236 25.7 20.7 31.1

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#76

Benzidine

Concen: 40.436 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

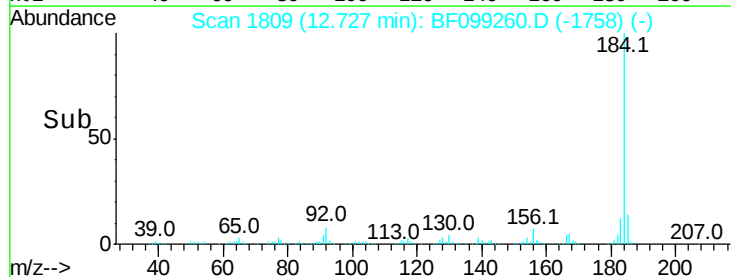
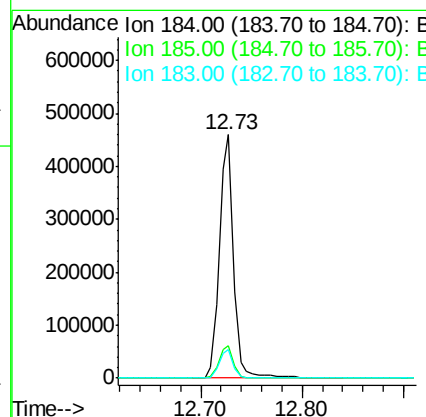
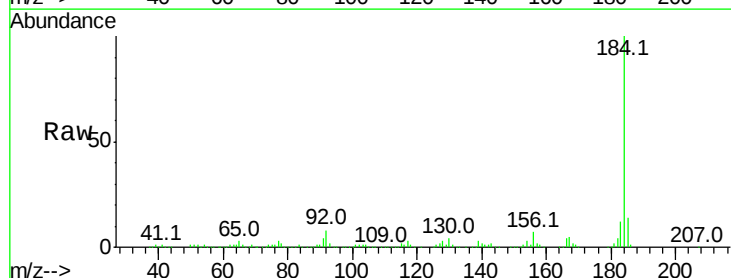
Tgt Ion:184 Resp: 446039

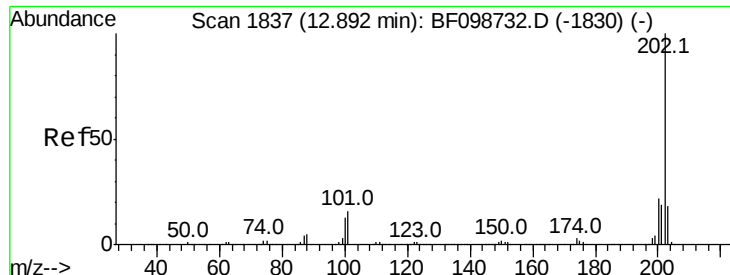
Ion Ratio Lower Upper

184 100

185 13.5 12.6 18.8

183 11.7 9.3 13.9





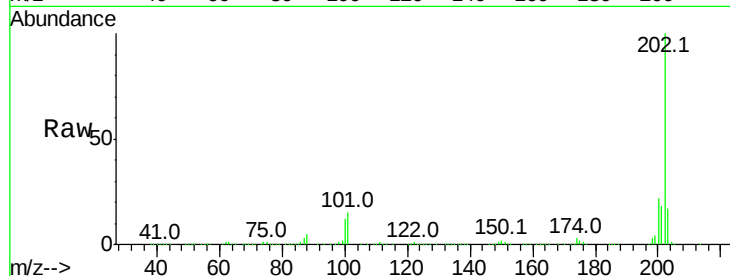
#77
Pvrene
Concen: 44.184 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampled :
PB103065BS

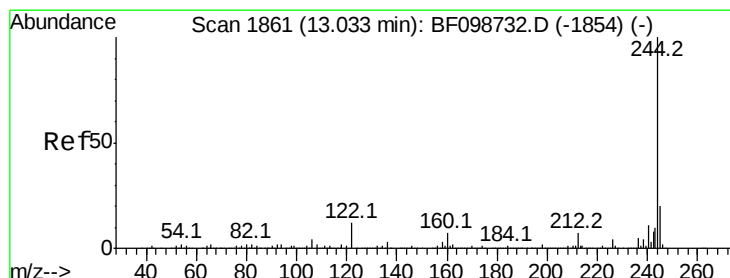
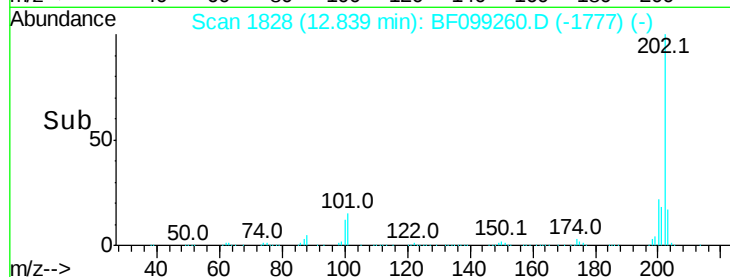
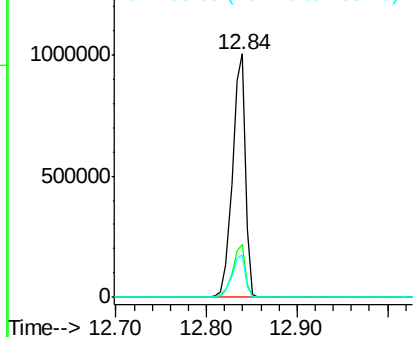
Tot Ion:202 Resp: 1004816
Ion Ratio Lower Upper
202 100
200 21.8 17.4 26.2
203 17.5 14.3 21.5

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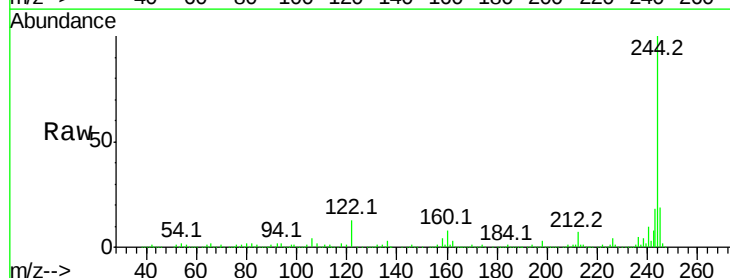


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

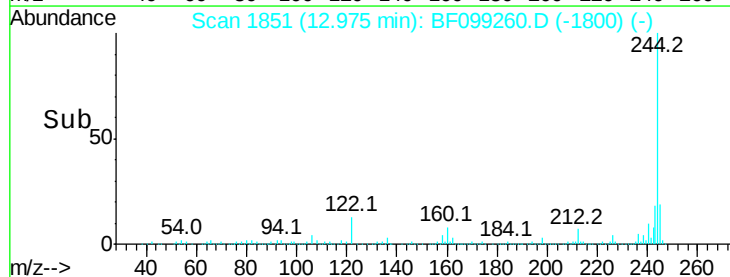
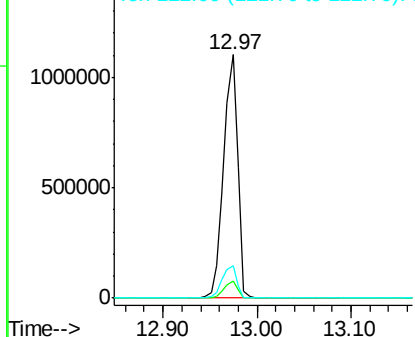


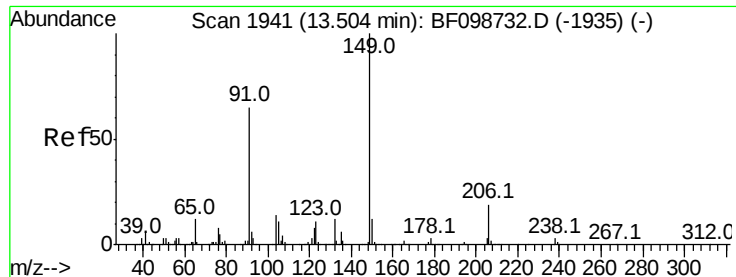
#78
Terphenyl-d14
Concen: 88.368 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion:244 Resp: 1158850
Ion Ratio Lower Upper
244 100
212 6.8 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





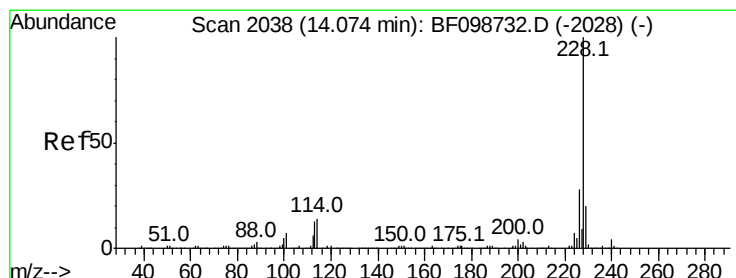
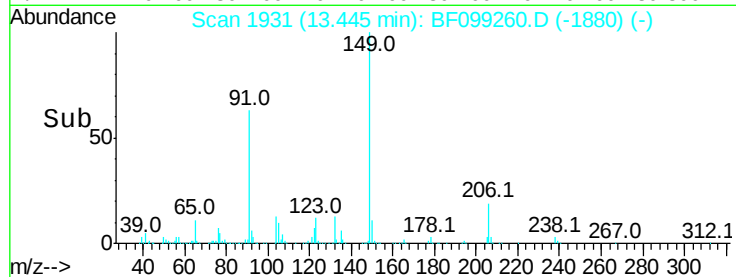
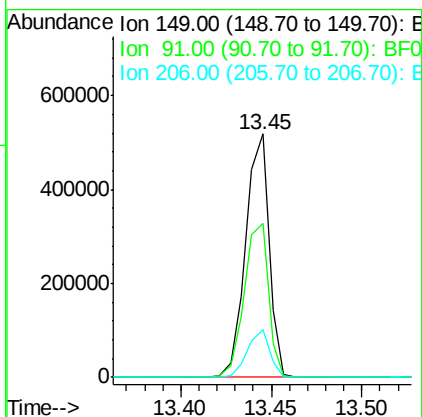
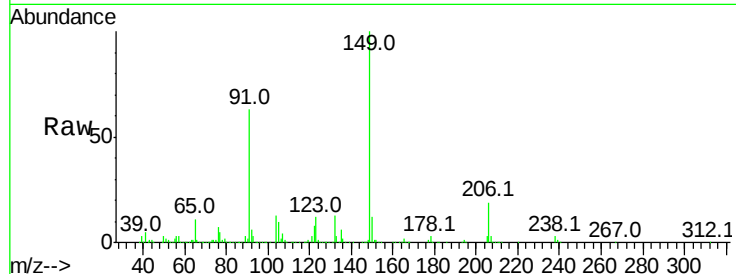
#79
Butylbenzylphthalate
Concen: 43.781 ng
RT: 13.45 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.1	56.8	85.2
206	19.4	14.1	21.1

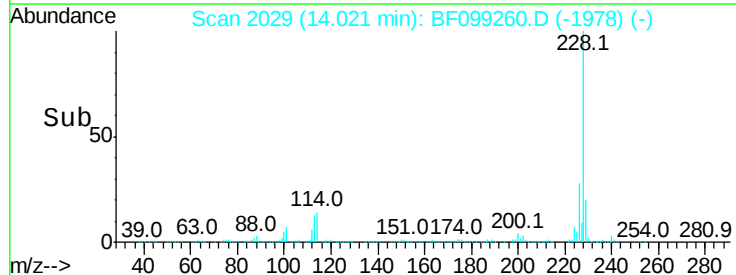
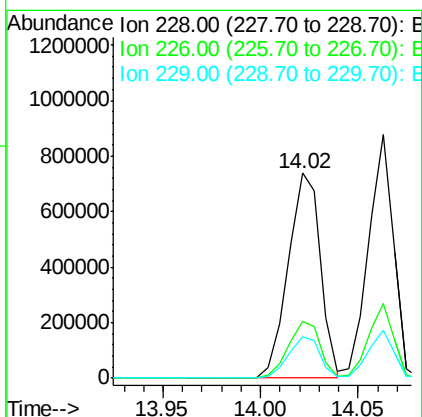
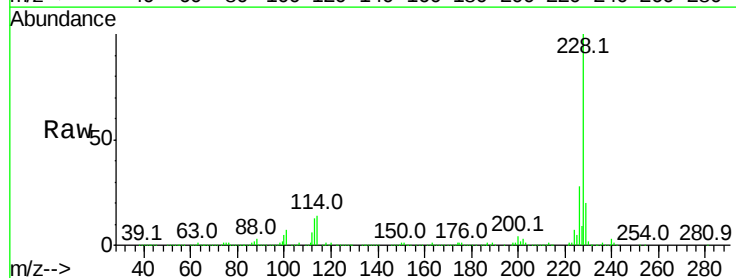
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#80
Benzo(a)anthracene
Concen: 46.577 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.6	33.8
229	20.0	15.8	23.6





#81

3,3'-Dichlorobenzidine

Concen: 30.703 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Instrument :

BNA_F

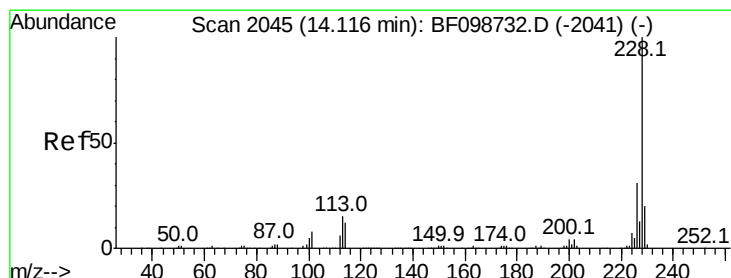
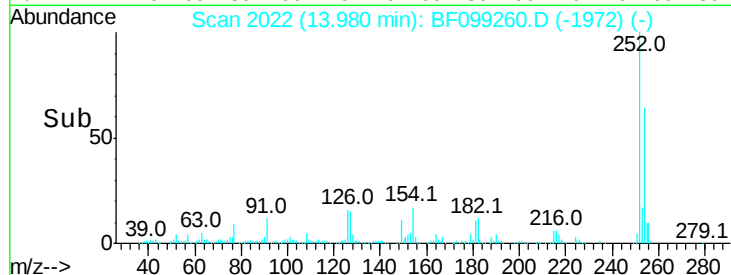
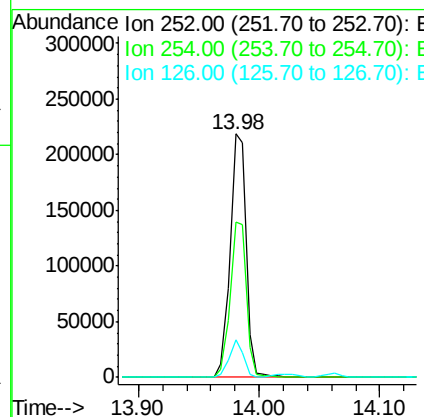
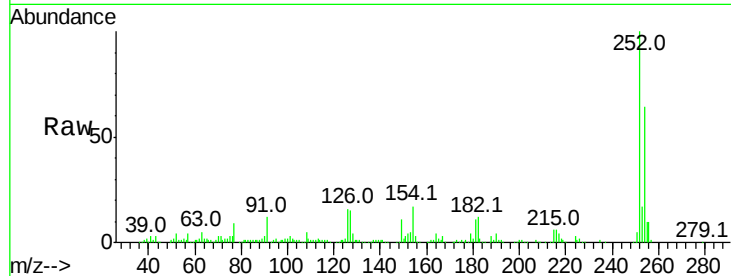
ClientSampleId :

PB103065BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
252	100		203258		
254	63.6	50.4	75.6		
126	15.5	11.3	16.9		

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#82

Chrysene

Concen: 45.947 ng

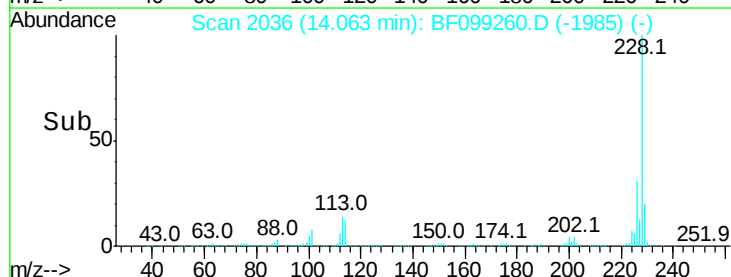
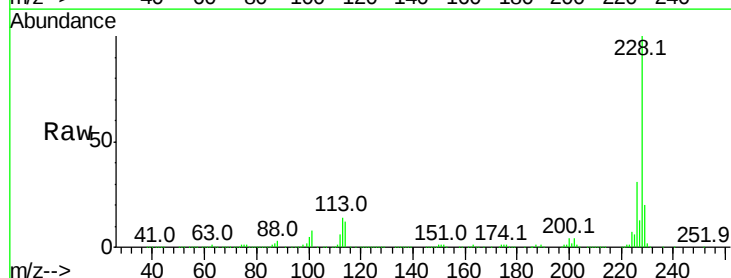
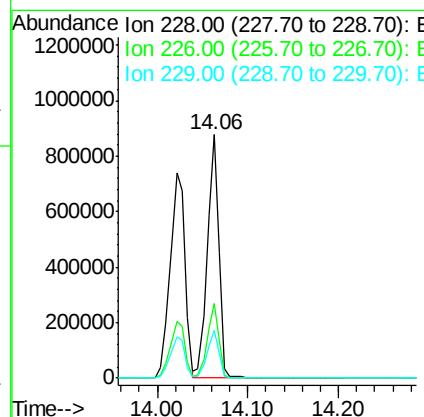
RT: 14.06 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BF099260.D

Acq: 9 Oct 2017 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		789968		
226	30.6	25.0	37.6		
229	19.7	16.2	24.4		





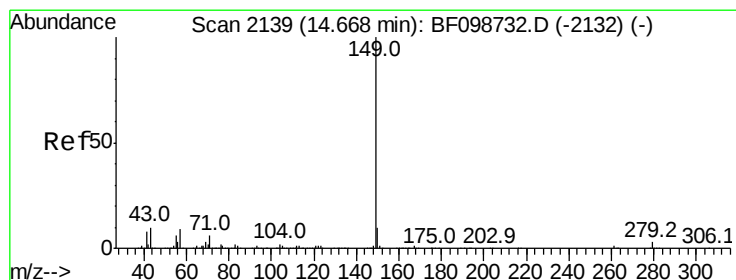
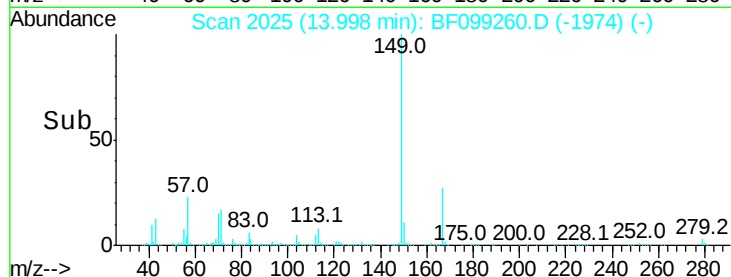
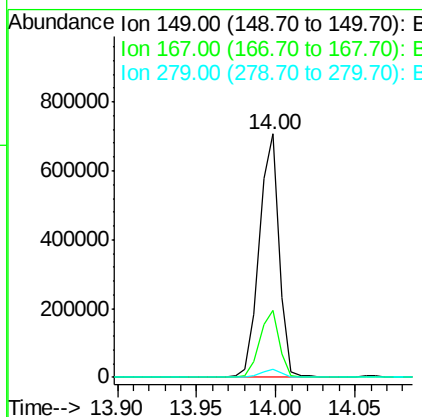
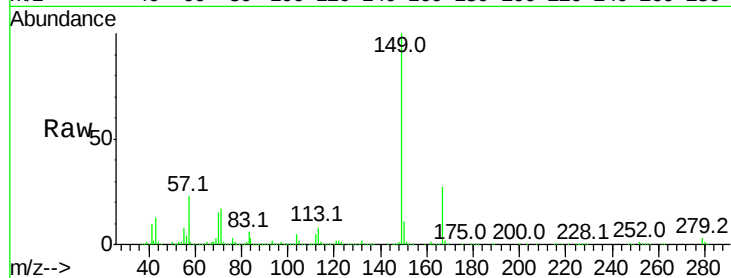
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.137 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103065BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.4	3.0	4.4

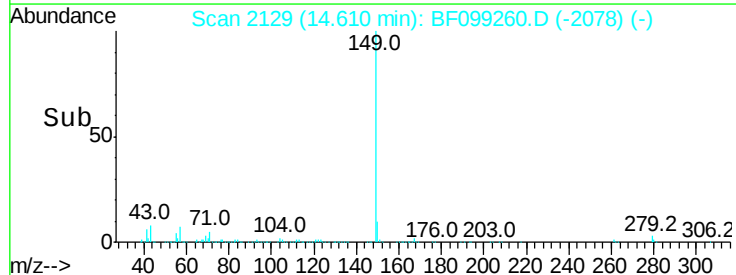
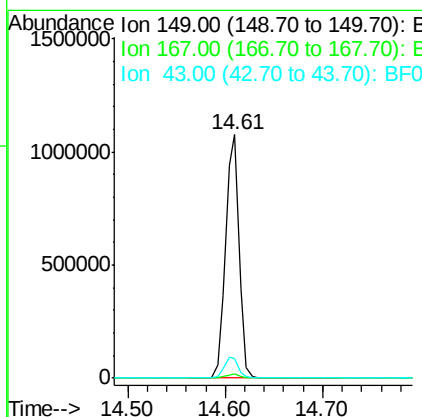
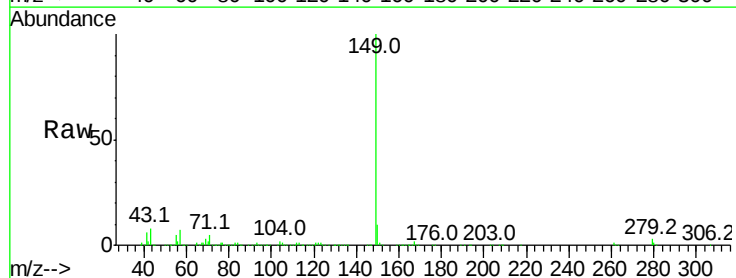
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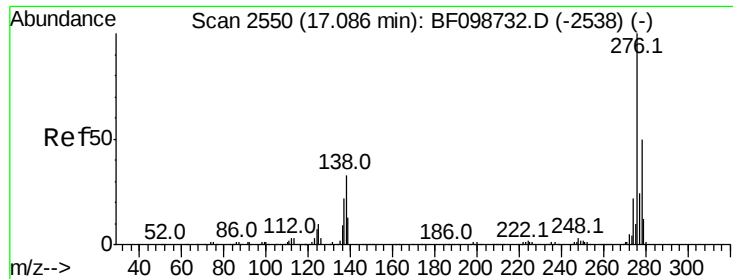
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#84
 Di-n-octyl phthalate
 Concen: 43.267 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.7	8.4	12.6





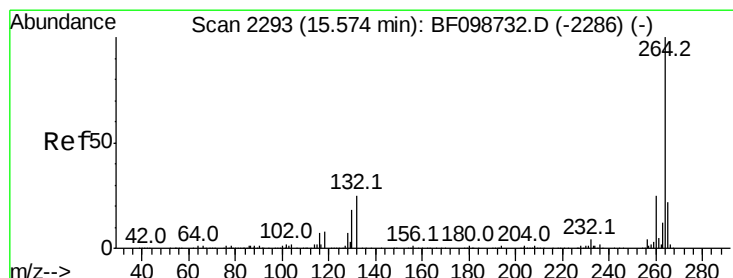
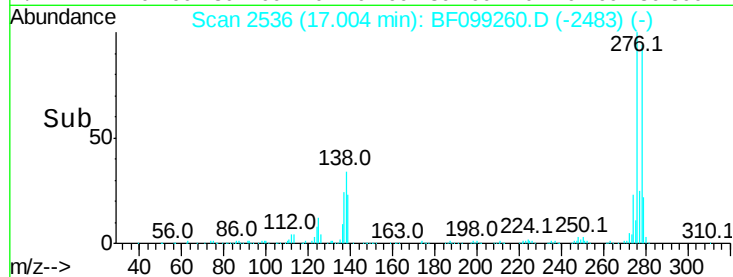
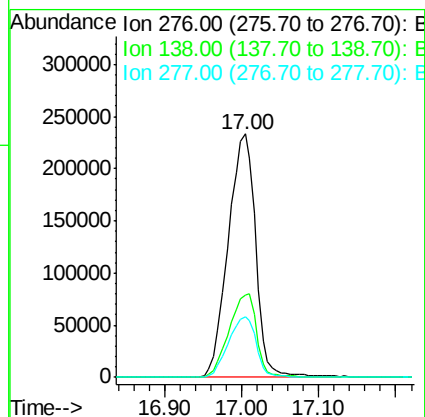
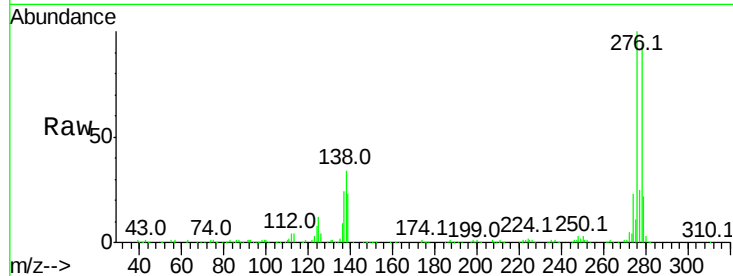
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.297 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	25.0	37.6
277	25.6	20.1	30.1

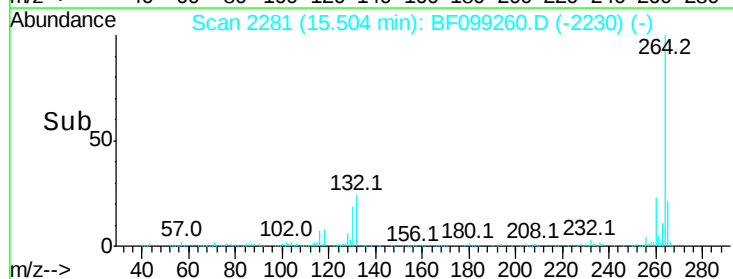
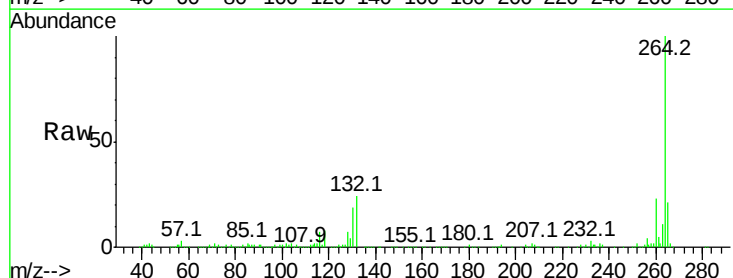
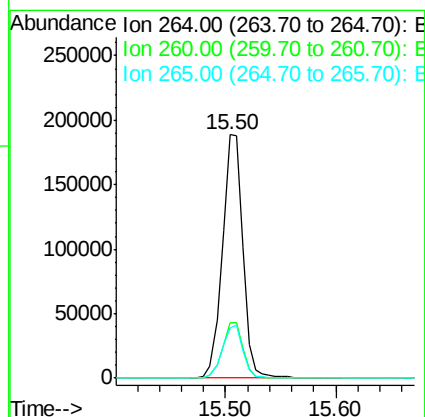
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	20.8	17.5	26.3





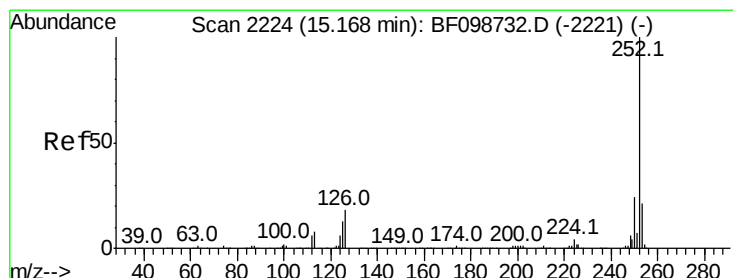
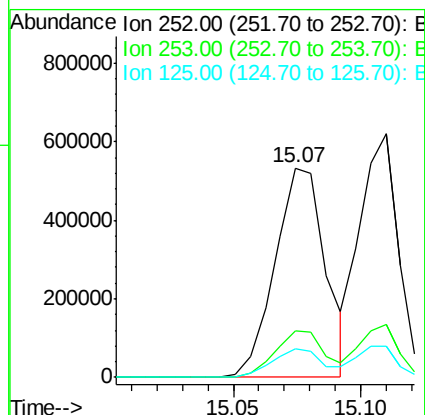
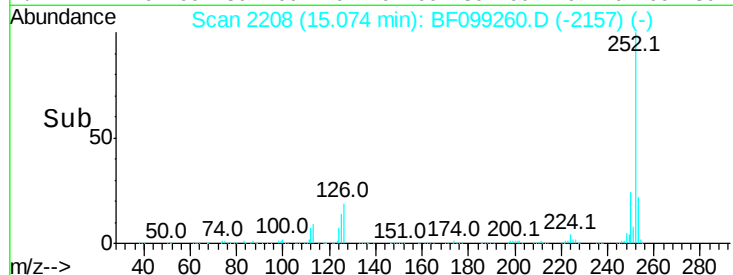
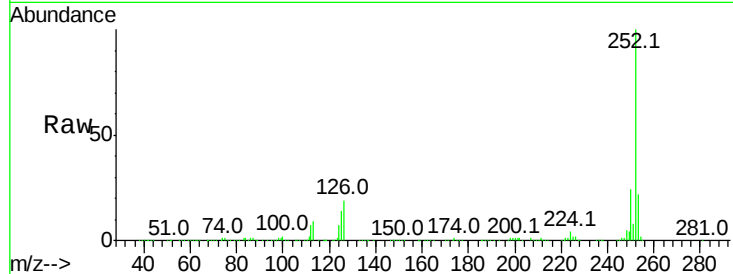
#87
Benzo(b)fluoranthene
Concen: 48.693 ng/mL
RT: 15.07 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	13.9	9.0	13.6

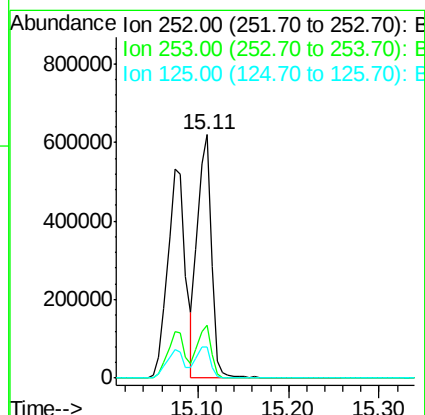
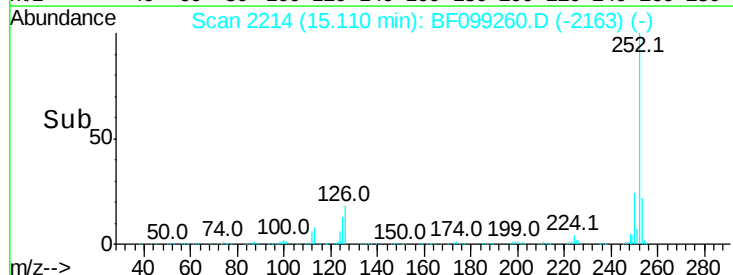
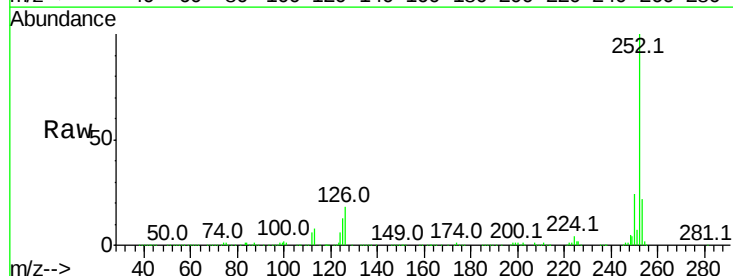
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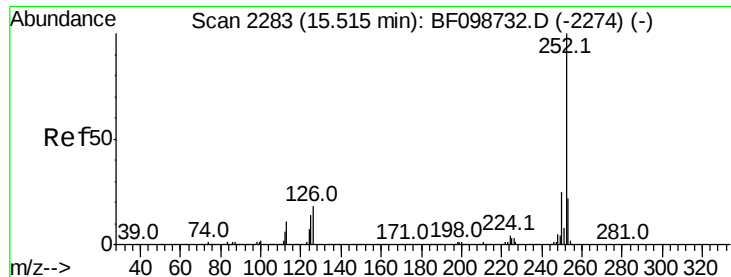
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#88
Benzo(k)fluoranthene
Concen: 44.393 ng/mL
RT: 15.11 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	13.0	10.2	15.2





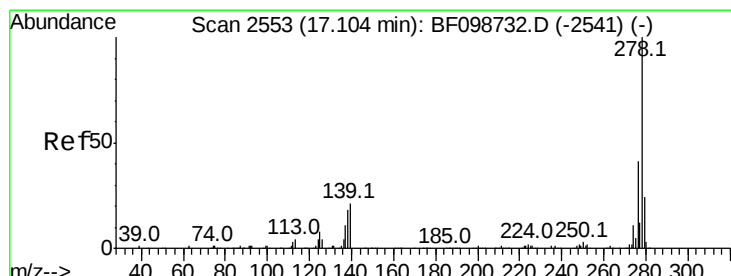
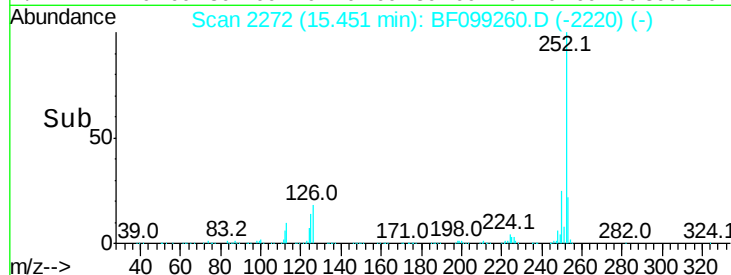
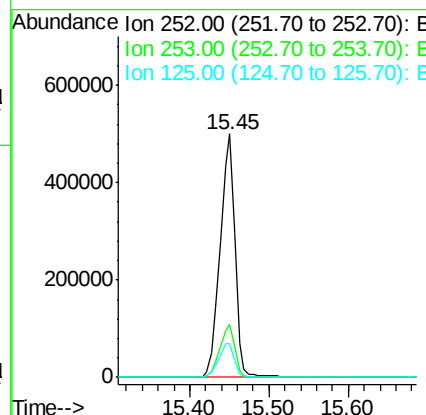
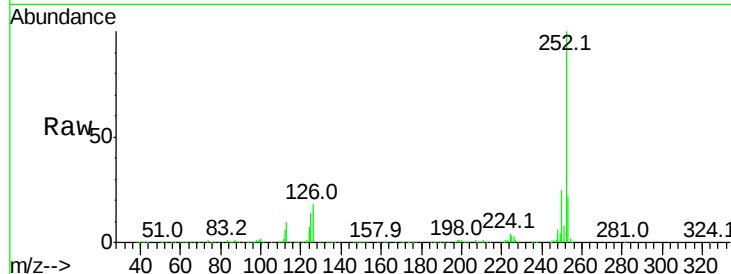
#89
Benzo(a)pyrene
Concen: 47.284 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Instrument :
BNA_F
ClientSampleId :
PB103065BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	13.8	9.8	14.6

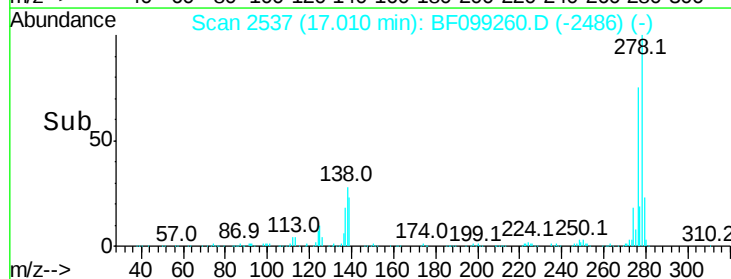
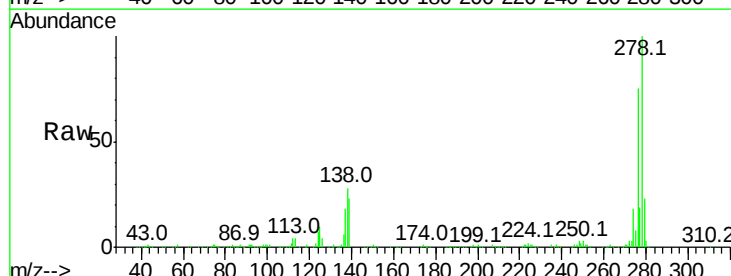
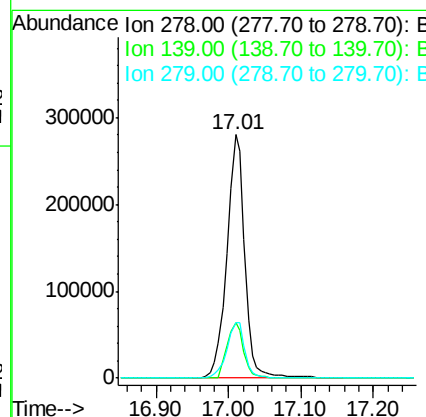
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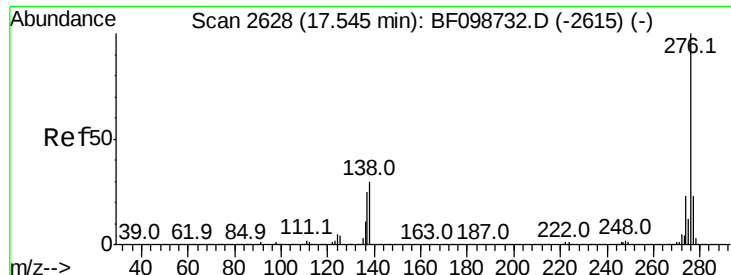
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#90
Dibenzo(a,h)anthracene
Concen: 43.664 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.00 min
Lab File: BF099260.D
Acq: 9 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	15.9	23.9
279	22.6	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 45.350 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BF099260.D
 Acq: 9 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB103065BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	17.9	26.9
138	31.9	21.8	32.8

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