

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098959.D
 Acq On : 30 Sep 2017 13:36
 Operator : SJ/JU
 Sample : PB102773BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

Manual Integrations
 APPROVED

Sohil
 10/2/2017 5:44:15 PM

Quant Time: Oct 01 00:16:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	156155	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	673189	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	331137	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	608602	20.00	ng	0.00
75) Chrysene-d12	14.09	240	417260	20.00	ng	0.00
86) Perylene-d12	15.57	264	293968	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1181351	120.43	ng	0.01
7) Phenol-d6	6.55	99	1459737	120.63	ng	0.00
23) Nitrobenzene-d5	7.48	82	916756	87.33	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	348643	128.67	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1685432	84.97	ng	0.00
78) Terphenyl-d14	13.03	244	1542403	84.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	156636	33.428	ng	98
3) Pyridine	3.58	79	457557	36.096	ng	99
4) n-Nitrosodimethylamine	3.54	42	215029	40.003	ng	97
6) Aniline	6.58	93	489285	29.959	ng	99
8) 2-Chlorophenol	6.70	128	437281	39.364	ng	98
9) Benzaldehyde	6.47	77	240874	34.315	ng	98
10) Phenol	6.56	94	555222	41.026	ng	99
11) bis(2-Chloroethyl)ether	6.65	93	424567	40.354	ng	98
12) 1,3-Dichlorobenzene	6.86	146	455040	39.113	ng	99
13) 1,4-Dichlorobenzene	6.93	146	459248	38.799	ng	99
14) 1,2-Dichlorobenzene	7.09	146	428082	39.140	ng	99
15) Benzyl Alcohol	7.06	79	384055	43.262	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.19	45	661829	40.376	ng	98
17) 2-Methylphenol	7.16	107	383824	42.228	ng	99
18) Hexachloroethane	7.43	117	168948	39.710	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	301021	38.962	ng	99
20) 3+4-Methylphenols	7.32	107	459824	39.989	ng	# 87
22) Acetophenone	7.33	105	598979	36.724	ng	# 96
24) Nitrobenzene	7.50	77	461646	38.768	ng	99
25) Isophorone	7.74	82	910772	41.965	ng	99
26) 2-Nitrophenol	7.82	139	252972	44.178	ng	90
27) 2,4-Dimethylphenol	7.85	122	440847	40.767	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	568333	42.021	ng	100
29) 2,4-Dichlorophenol	8.05	162	392812	42.308	ng	100
30) 1,2,4-Trichlorobenzene	8.14	180	371945	40.054	ng	99
31) Naphthalene	8.22	128	1261548	39.901	ng	100
32) Benzoic acid	7.98	122	311144	35.027	ng	100
33) 4-Chloroaniline	8.26	127	321869	24.378	ng	99
34) Hexachlorobutadiene	8.33	225	186532	38.999	ng	99
35) Caprolactam	8.65	113	150594m	50.565	ng	
36) 4-Chloro-3-methylphenol	8.75	107	432609	41.454	ng	95
37) 2-Methylnaphthalene	8.91	142	907810	44.168	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	340874	34.517	ng	98
40) Hexachlorocyclopentadiene	9.06	237	396724	87.906	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	275453	39.373	nq	100
43) 2,4,5-Trichlorophenol	9.23	196	286647	41.044	nq	99
45) 1,1'-Biphenyl	9.37	154	1055338	37.082	nq	99
46) 2-Chloronaphthalene	9.40	162	828660	38.781	nq	98
47) 2-Nitroaniline	9.50	65	280379	42.853	nq	99
48) Acenaphthylene	9.82	152	1294777	39.583	nq	100
49) Dimethylphthalate	9.68	163	1053787	42.164	nq	100
50) 2,6-Dinitrotoluene	9.74	165	233231	42.865	nq	99
51) Acenaphthene	9.99	154	791909	38.219	nq	99
52) 3-Nitroaniline	9.91	138	175281	27.628	nq	94
53) 2,4-Dinitrophenol	10.02	184	227614	80.325	nq	96
54) Dibenzofuran	10.16	168	1158706	42.000	nq	97
55) 4-Nitrophenol	10.07	139	419998	78.292	nq	96
56) 2,4-Dinitrotoluene	10.15	165	318295	45.075	nq	100
57) Fluorene	10.51	166	888656	40.076	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.28	232	223018	46.227	nq	98
59) Diethylphthalate	10.37	149	1071440	43.873	nq	99
60) 4-Chlorophenyl-phenylether	10.49	204	400109	40.168	nq	98
61) 4-Nitroaniline	10.53	138	262540	42.894	nq	94
62) Azobenzene	10.66	77	989319	44.059	nq	97
64) 4,6-Dinitro-2-methylphenol	10.56	198	145524	39.300	nq	86
65) n-Nitrosodiphenylamine	10.62	169	843290	39.997	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	245816	41.264	nq	94
67) Hexachlorobenzene	11.05	284	245317	38.556	nq	97
68) Atrazine	11.14	200	275605	43.447	nq	98
69) Pentachlorophenol	11.25	266	283165	71.510	nq	99
70) Phenanthrene	11.47	178	1297805	39.838	nq	99
71) Anthracene	11.52	178	1350315	40.511	nq	100
72) Carbazole	11.67	167	1281101	39.248	nq	99
73) Di-n-butylphthalate	12.00	149	1641305	41.775	nq	100
74) Fluoranthene	12.66	202	1351263	40.963	nq	99
76) Benzidine	12.77	184	573705	37.174	nq	99
77) Pyrene	12.89	202	1355363	42.598	nq	99
79) Butylbenzylphthalate	13.50	149	697443	46.641	nq	96
80) Benzo(a)anthracene	14.07	228	1049916	41.554	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	259946	28.065	nq	99
82) Chrysene	14.12	228	960328	39.923	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	956827	46.470	nq #	100
84) Di-n-octyl phthalate	14.66	149	1458462	43.990	nq	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	680014	35.340	nq	97
87) Benzo(b)fluoranthene	15.14	252	791882	43.812	nq	98
88) Benzo(k)fluoranthene	15.17	252	745853	41.780	nq	99
89) Benzo(a)pyrene	15.52	252	702482	42.341	nq	99
90) Dibenzo(a,h)anthracene	17.11	278	561866	42.317	nq	99
91) Benzo(g,h,i)perylene	17.55	276	567407	43.232	nq	97

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

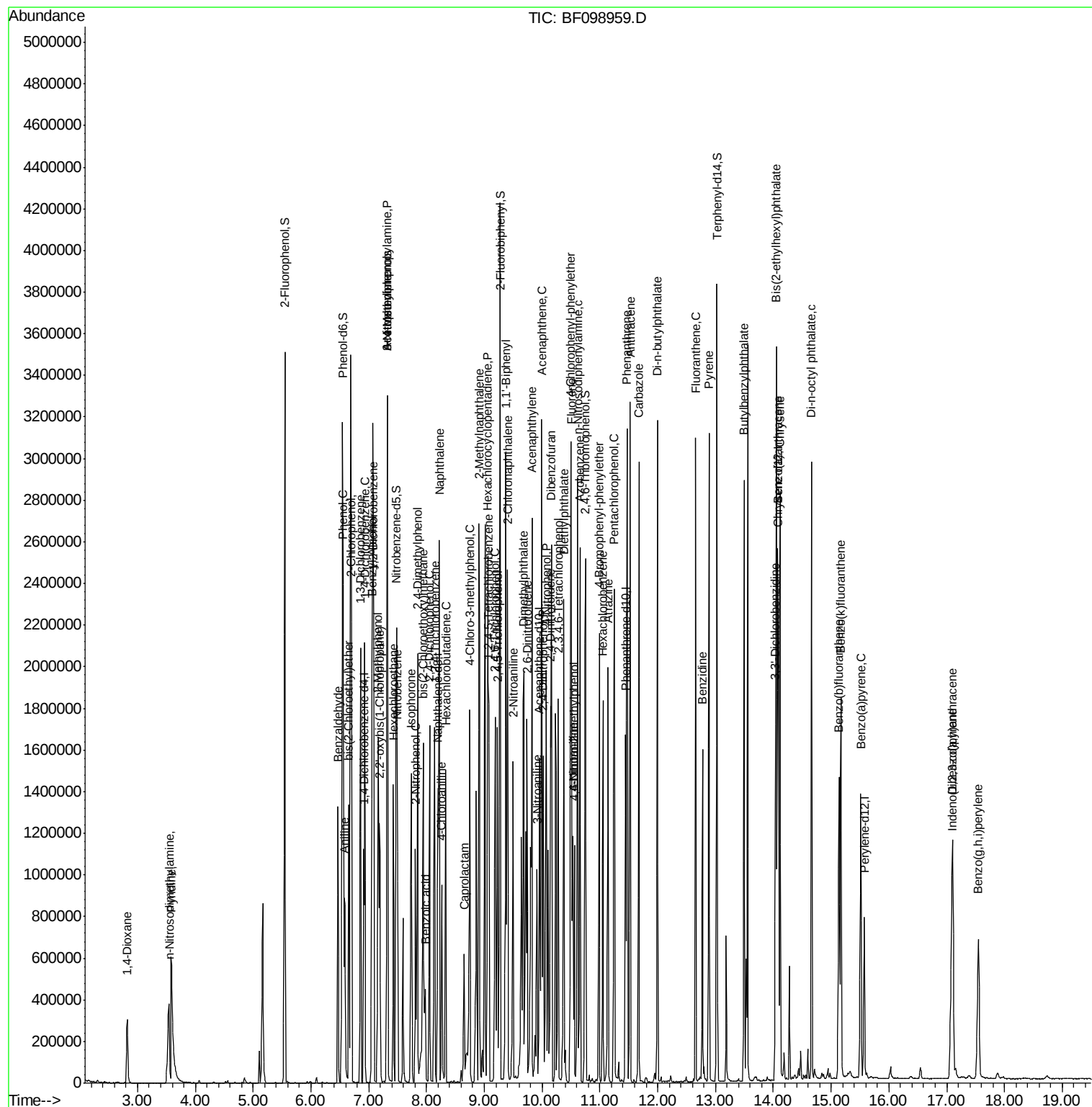
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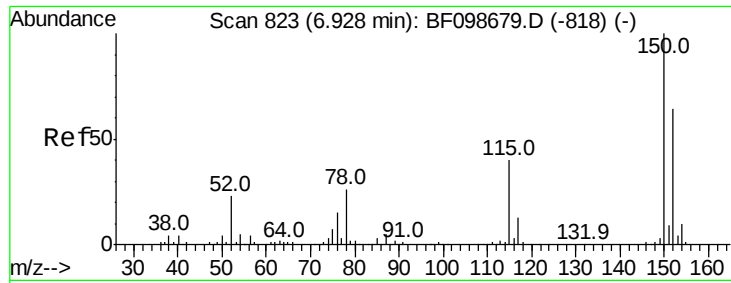
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#1

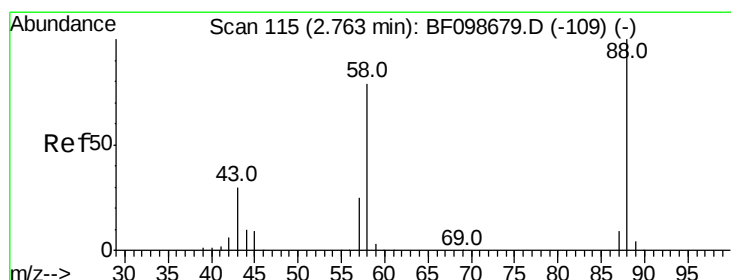
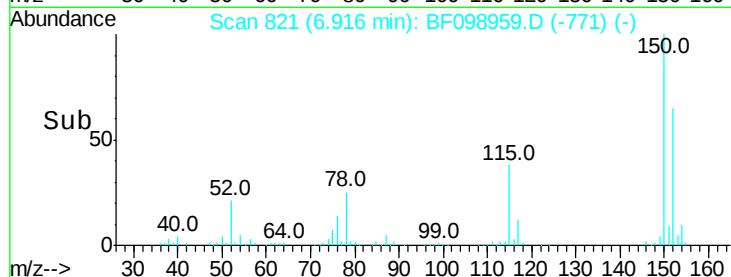
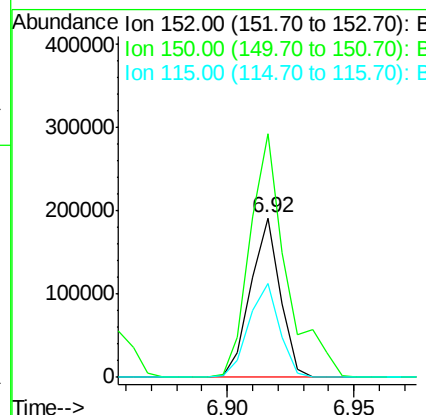
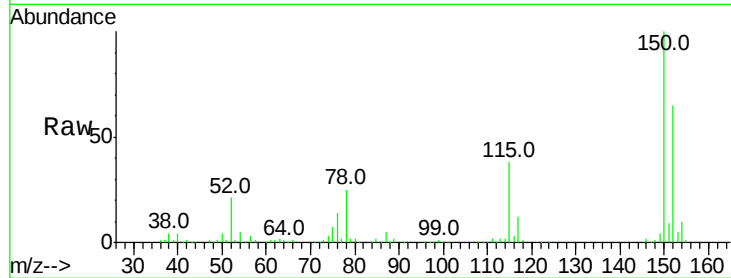
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampleId :
PB102773BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	58.7	50.1	75.1

Manual Integrations
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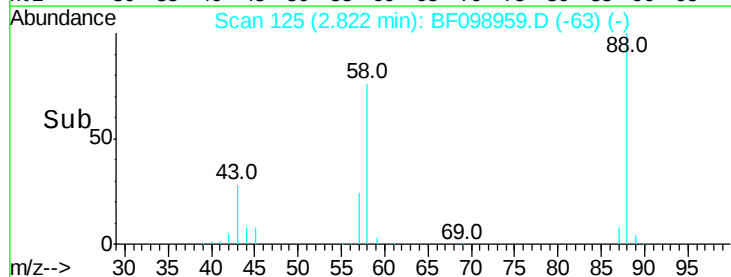
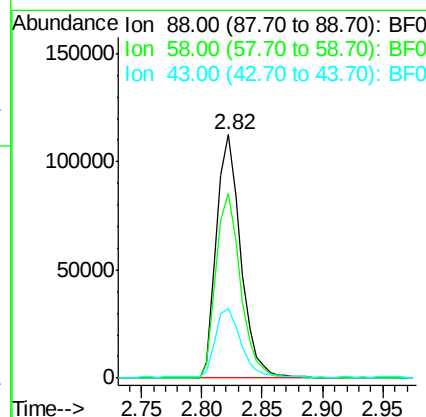
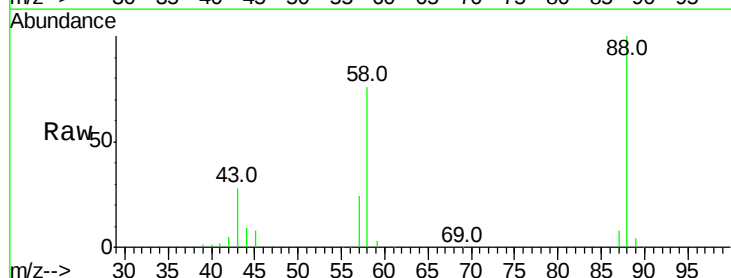
Sohil
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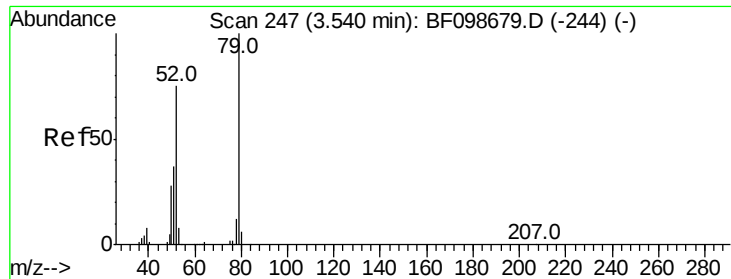


#2

1,4-Dioxane
Concen: 33.428 ng
RT: 2.82 min Scan# 125
Delta R.T. 0.06 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.8	62.6	93.8
43	28.9	24.6	37.0





#3

Pvridine

Concen: 36.096 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.05 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

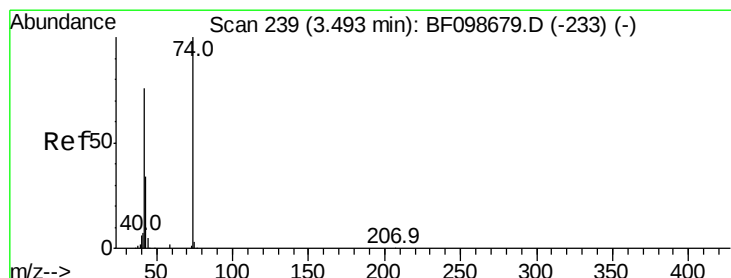
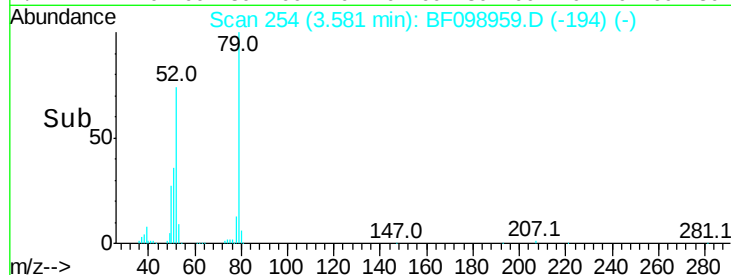
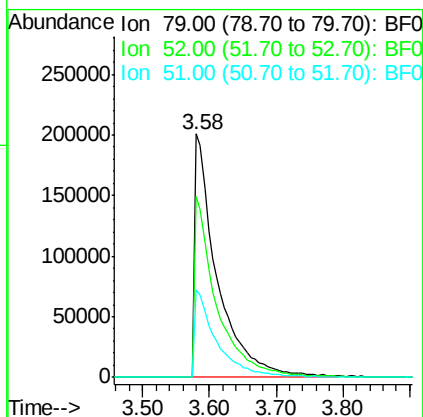
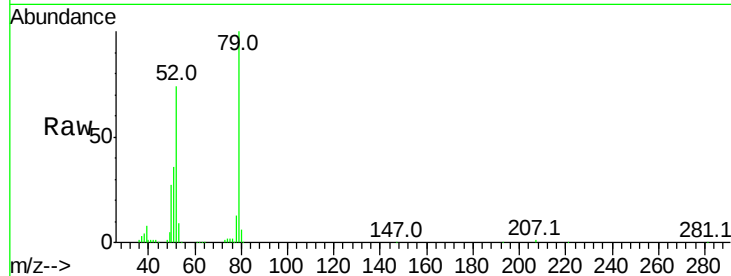
ClientSampleId :

PB102773BS

Tot Ion:	79	Resp:	457557
Ion Ratio	Lower	Upper	
79	100		
52	74.4	59.8	89.6
51	35.8	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 40.003 ng

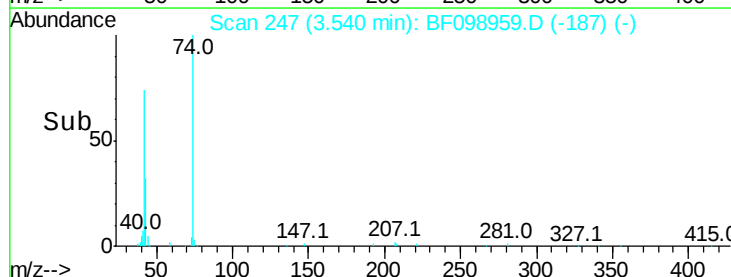
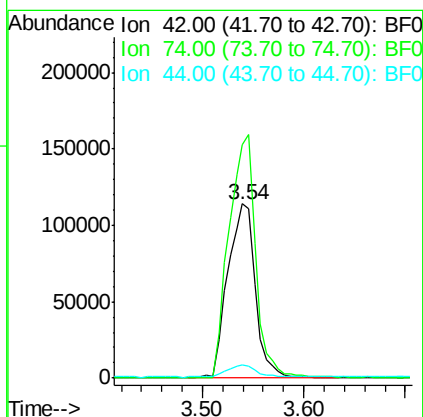
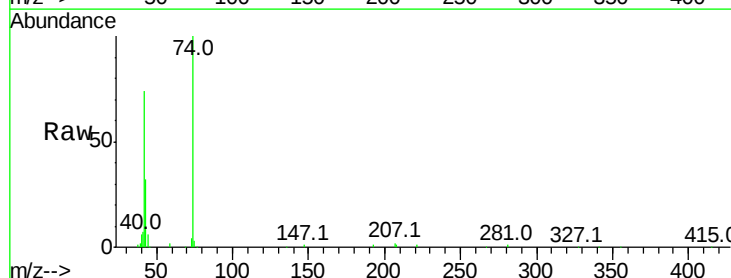
RT: 3.54 min Scan# 247

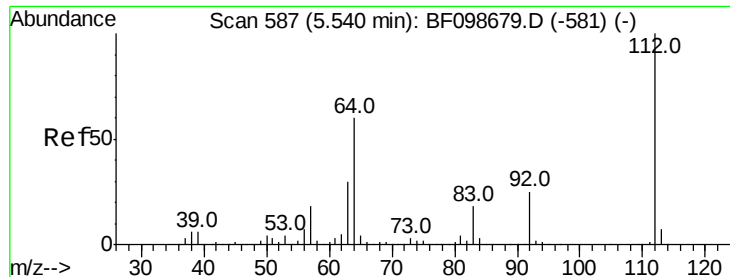
Delta R.T. 0.05 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Tgt Ion:	42	Resp:	215029
Ion Ratio	Lower	Upper	
42	100		
74	134.3	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 120.431 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

ClientSampleId :

PB102773BS

Tot Ion:112 Resp: 1181351

Ion Ratio Lower Upper

112 100

64 55.3 47.9 71.9

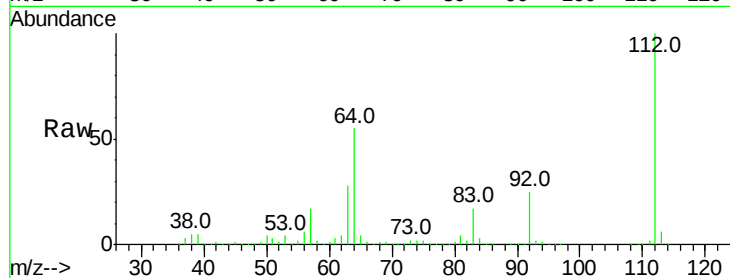
63 28.2 23.7 35.5

Manual Integrations

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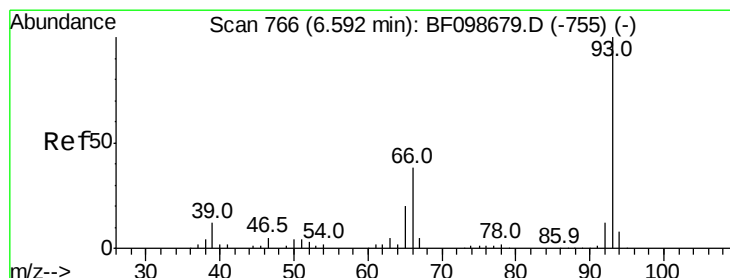
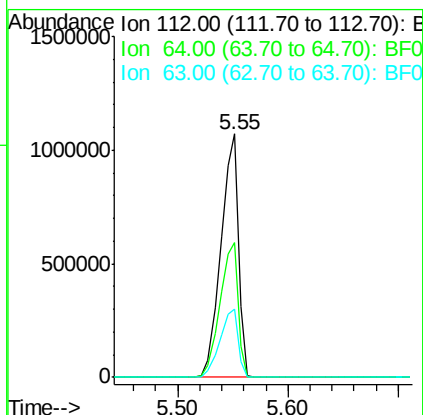
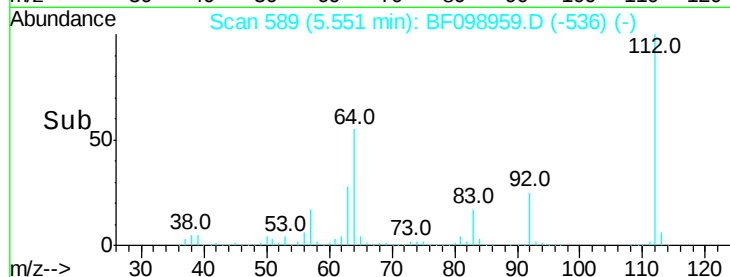
10/2/2017 5:44:15 PM



Abundance Ion 112.00 (111.70 to 112.70): BF098679.D (-581) (-)

Ion 64.00 (63.70 to 64.70): BF098679.D (-581) (-)

Ion 63.00 (62.70 to 63.70): BF098679.D (-581) (-)



#6

Aniline

Concen: 29.959 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

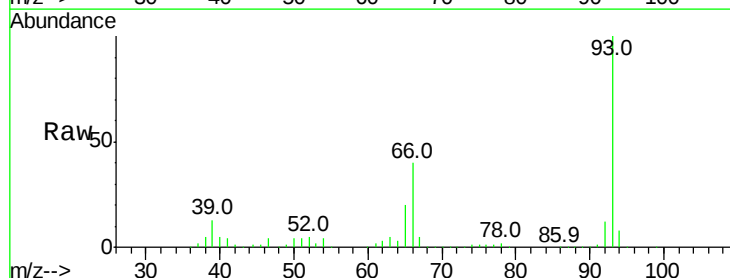
Tgt Ion: 93 Resp: 489285

Ion Ratio Lower Upper

93 100

66 39.8 32.2 48.2

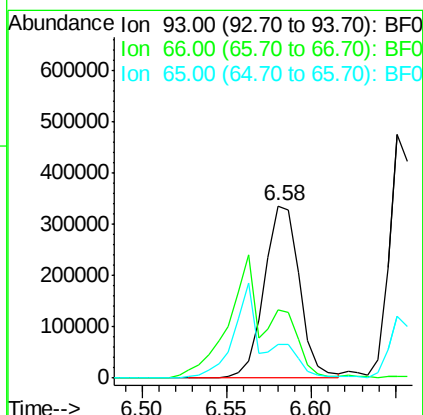
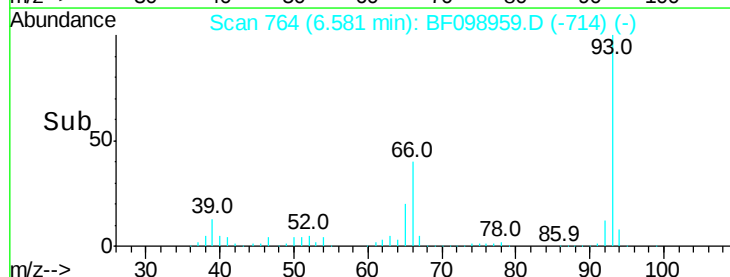
65 19.8 16.4 24.6

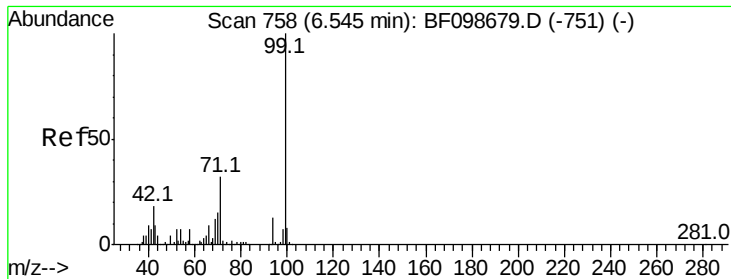


Abundance Ion 93.00 (92.70 to 93.70): BF098679.D (-755) (-)

Ion 66.00 (65.70 to 66.70): BF098679.D (-755) (-)

Ion 65.00 (64.70 to 65.70): BF098679.D (-755) (-)





#7

Phenol-d6

Concen: 120.630 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

ClientSampleId :

PB102773BS

Tot Ion: 99 Resp: 1459737

Ion Ratio Lower Upper

99 100

42 16.5 14.5 21.7

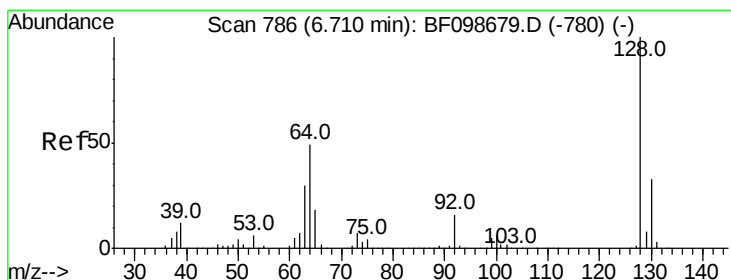
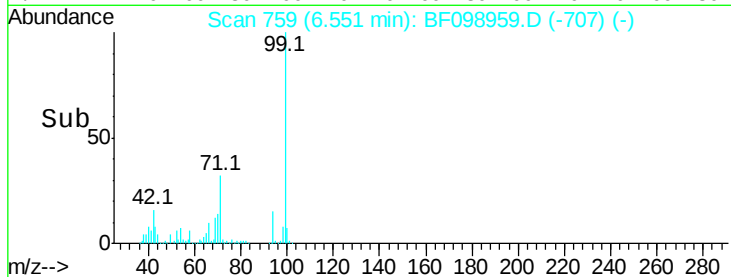
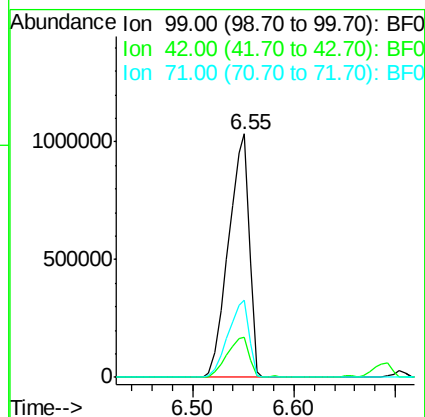
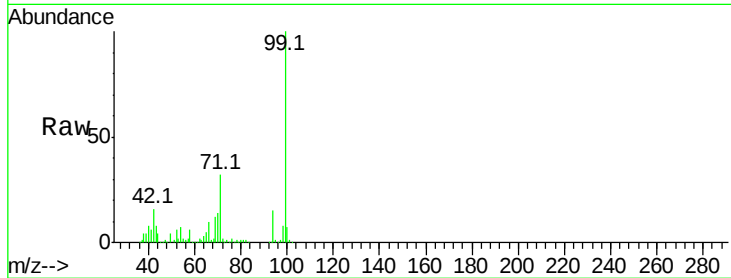
71 31.6 25.4 38.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 39.364 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

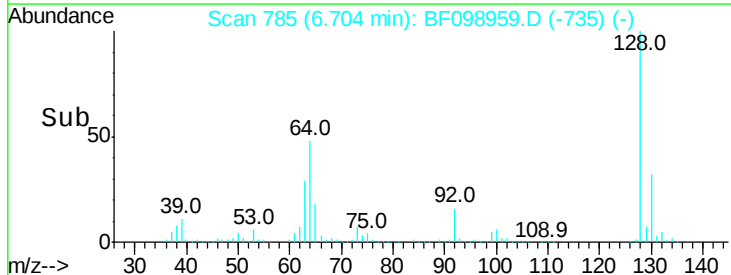
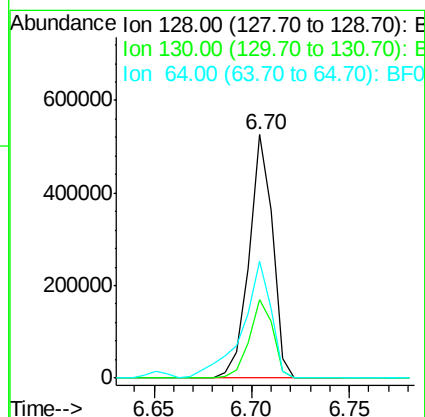
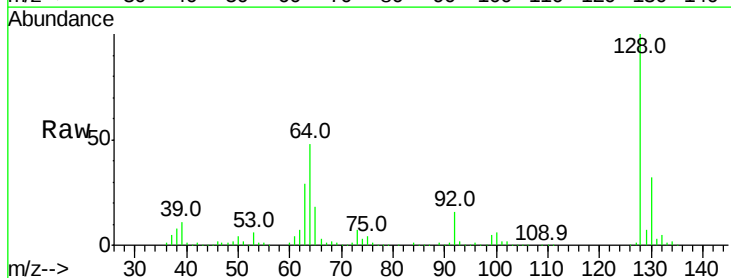
Tgt Ion: 128 Resp: 437281

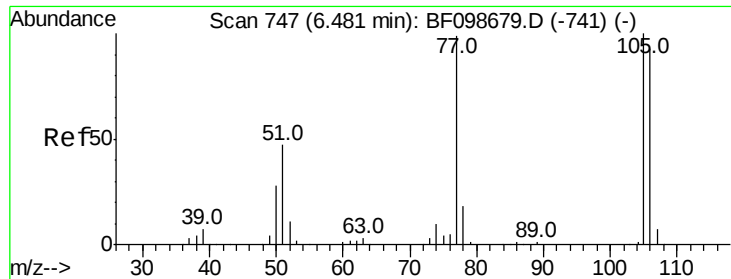
Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

64 47.8 29.4 69.4





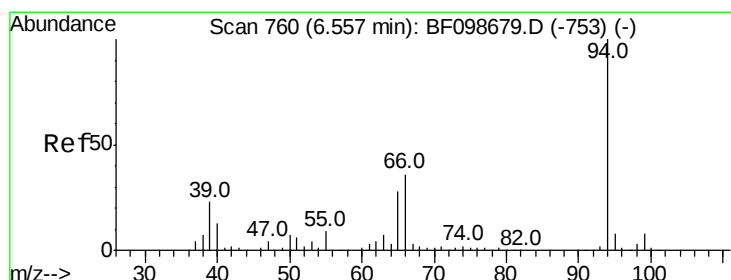
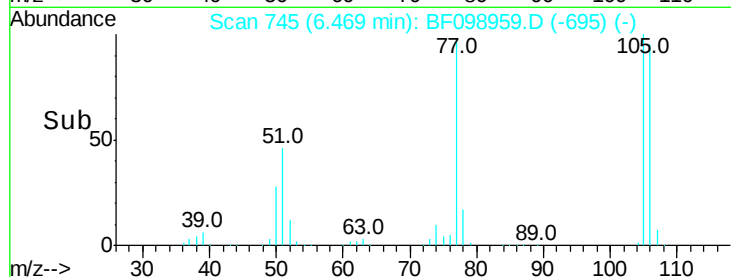
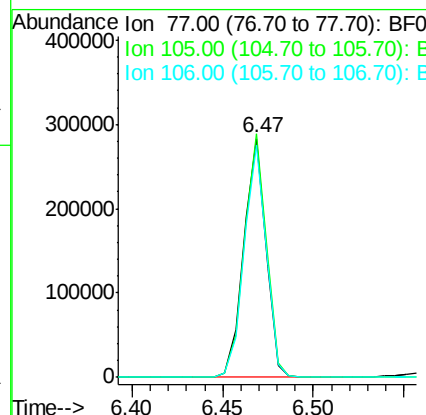
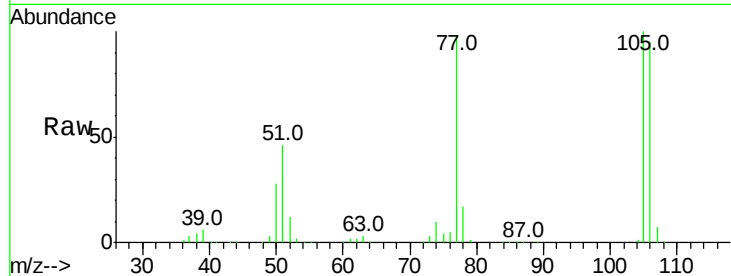
#9
Benzaldehyde
Concen: 34.315 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	102.1	81.1	121.1
106	97.4	74.5	114.5

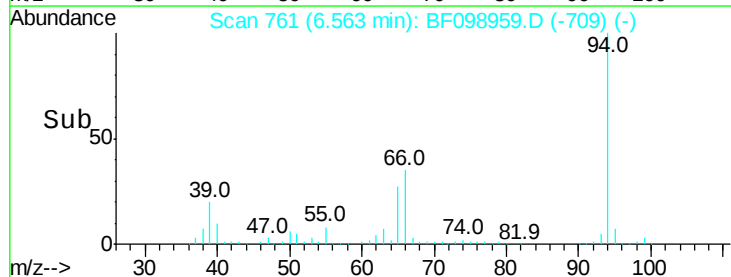
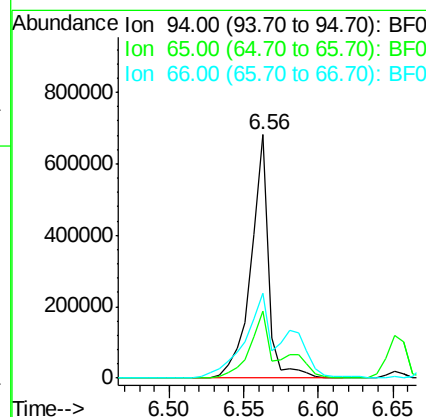
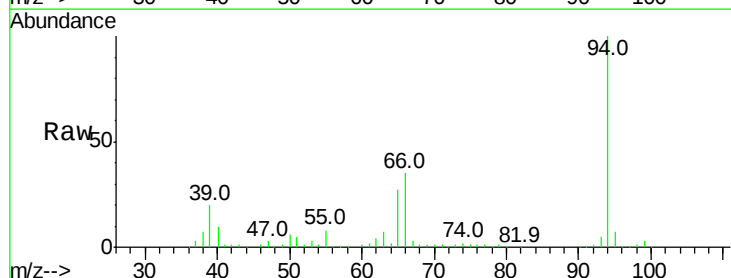
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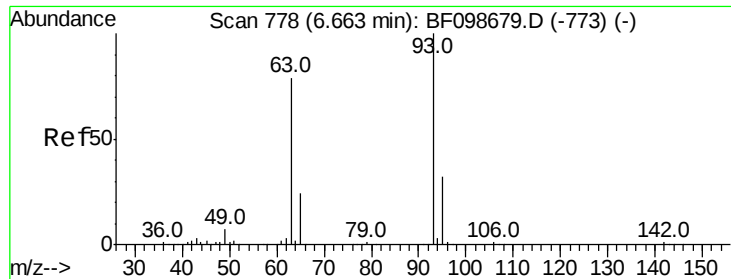
Sohil
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#10
Phenol
Concen: 41.026 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.3	7.9	47.9
66	35.1	16.2	56.2





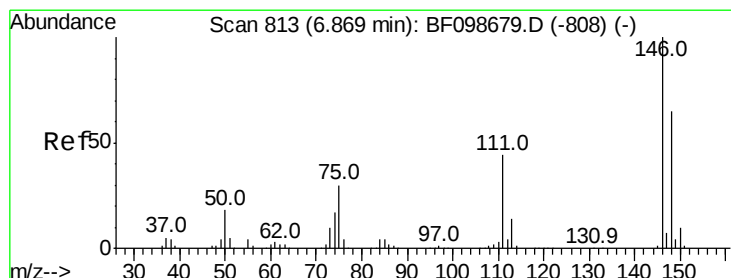
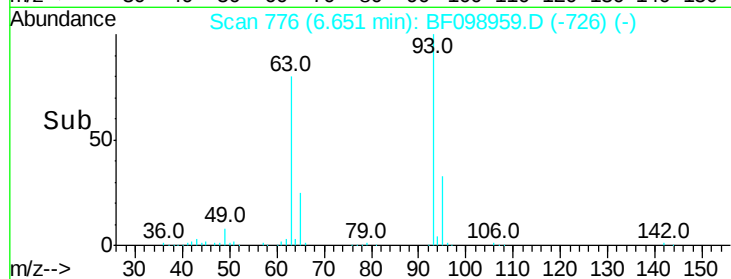
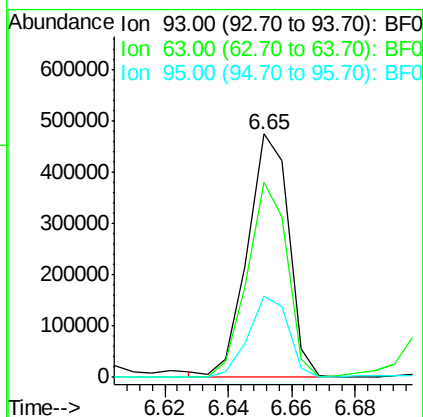
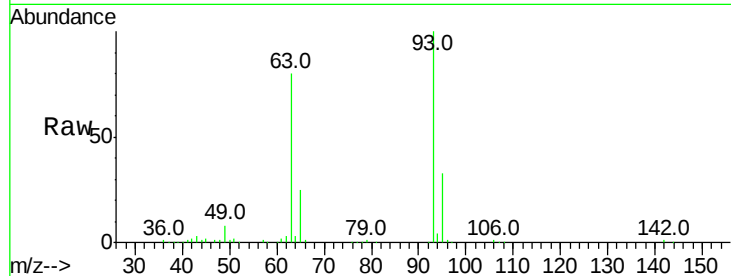
#11
bis(2-Chloroethyl)ether
Concen: 40.354 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampleId :
PB102773BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.1	58.6	98.6
95	33.1	11.8	51.8

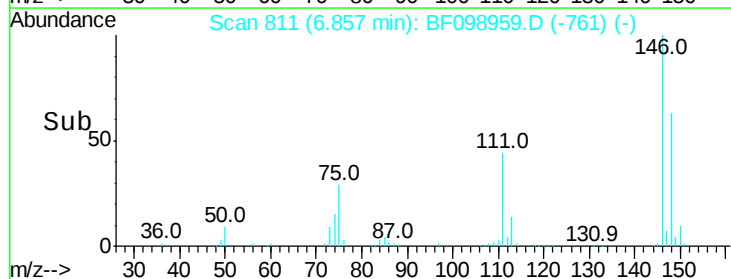
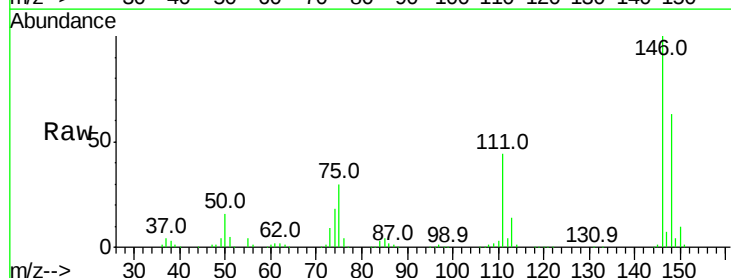
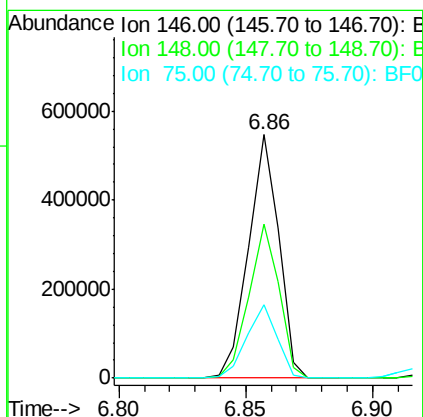
Manual Integrations
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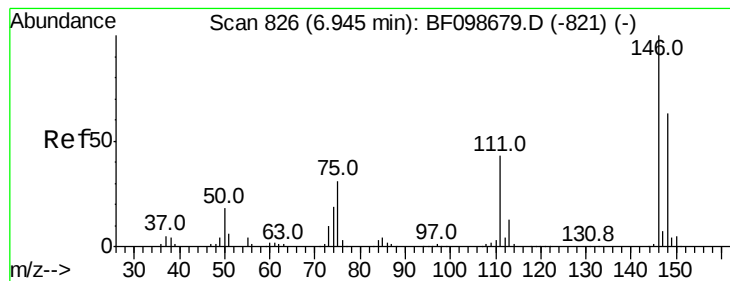
Sohil
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#12
1,3-Dichlorobenzene
Concen: 39.113 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	30.0	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 38.799 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

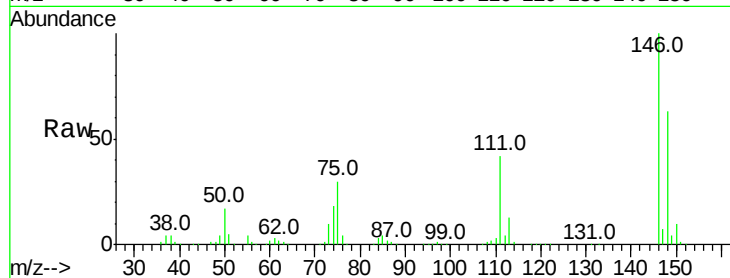
ClientSampleId :

PB102773BS

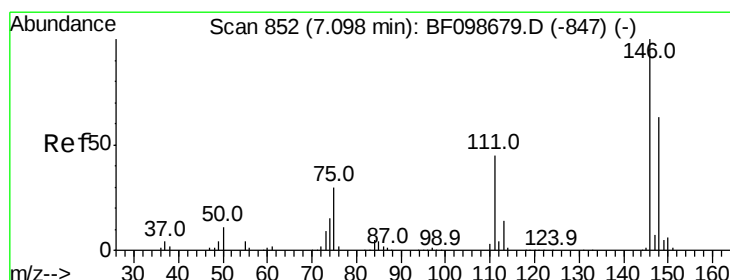
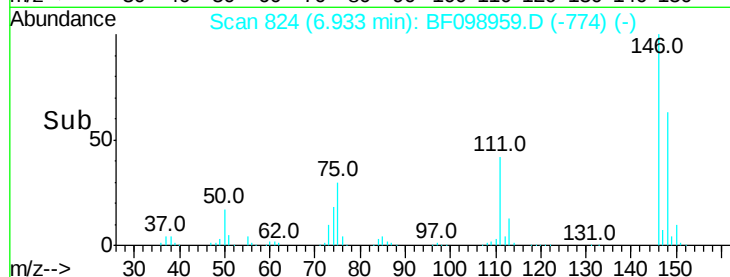
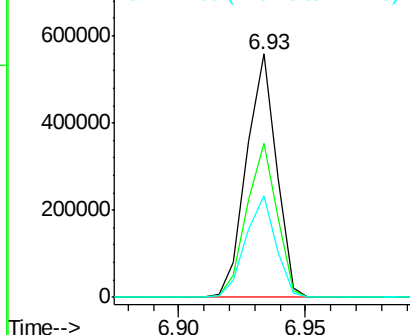
Tot Ion:	146	Resp:	459248
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.8	76.2
111	41.9	34.2	51.2

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



#14

1,2-Dichlorobenzene

Concen: 39.140 ng

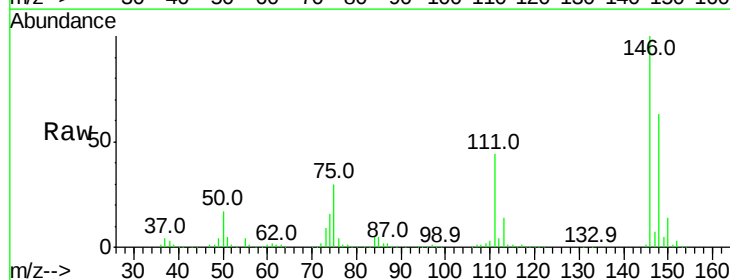
RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

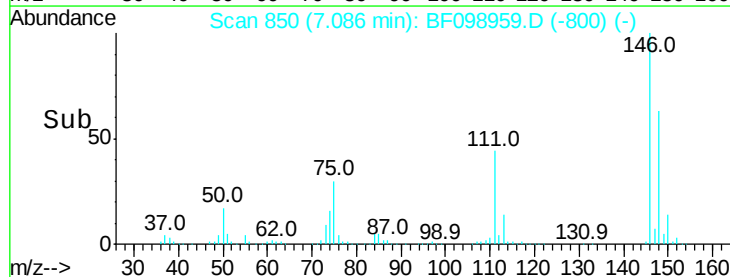
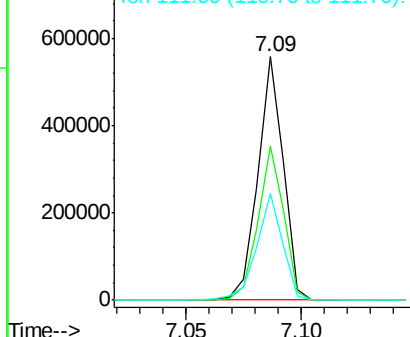
Lab File: BF098959.D

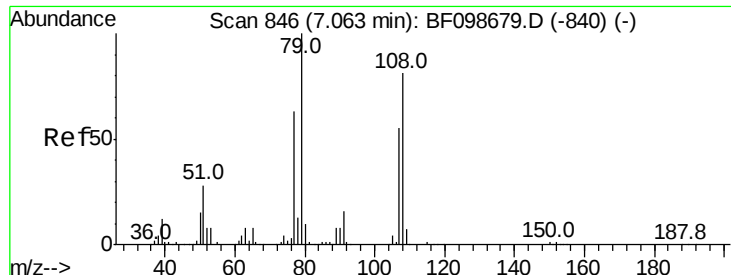
Acq: 30 Sep 2017 13:36

Tgt Ion:	146	Resp:	428082
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	75.8
111	43.6	36.0	54.0



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





#15

Benzyl Alcohol

Concen: 43.262 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

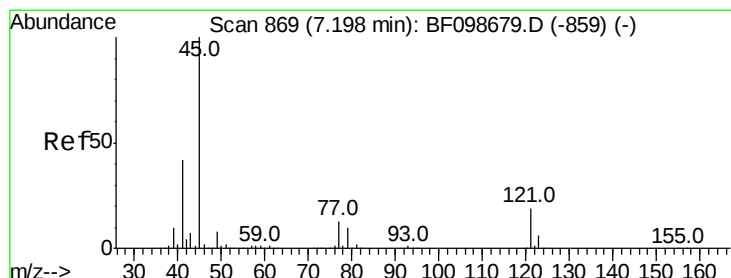
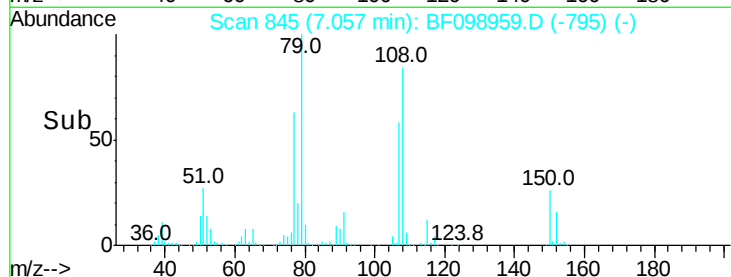
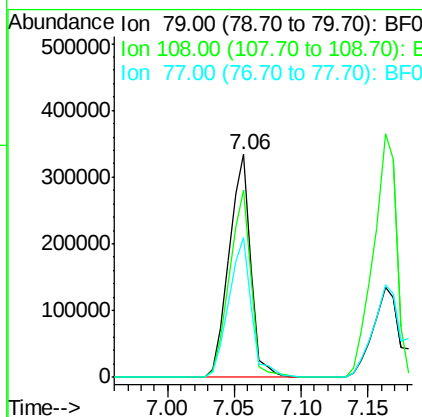
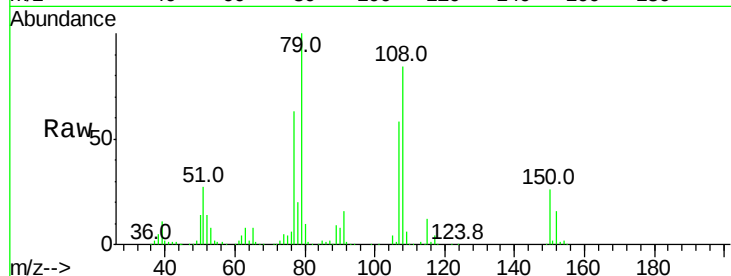
ClientSampleId :

PB102773BS

Tot Ion:	79	Resp:	384055
Ion Ratio	Lower	Upper	
79	100		
108	83.9	65.1	97.7
77	62.6	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.376 ng

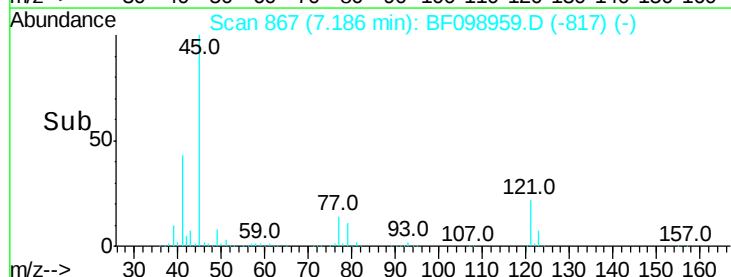
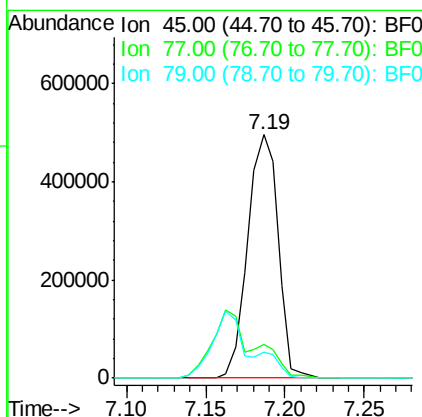
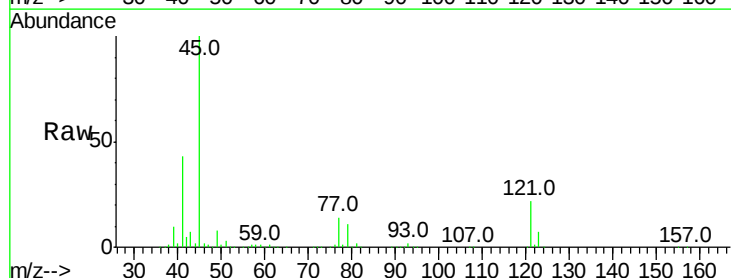
RT: 7.19 min Scan# 867

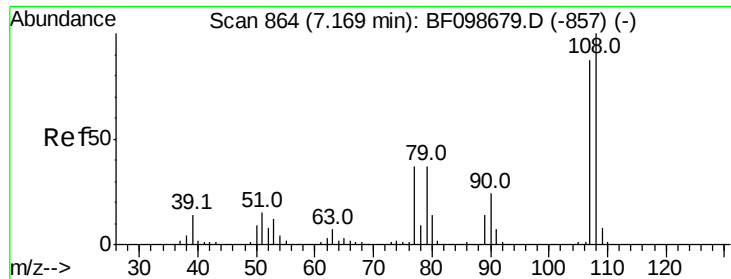
Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Tgt Ion:	45	Resp:	661829
Ion Ratio	Lower	Upper	
45	100		
77	13.7	0.0	32.9
79	10.6	0.0	29.6





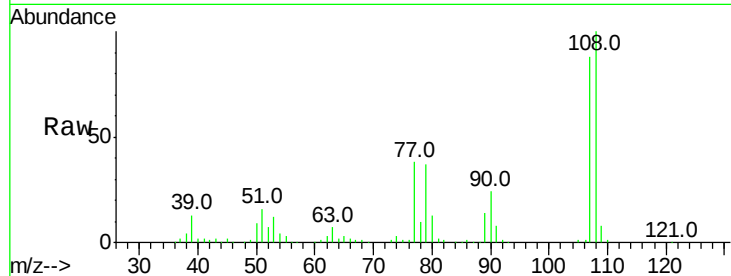
#17
2-Methylphenol
Concen: 42.228 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampleId :
PB102773BS

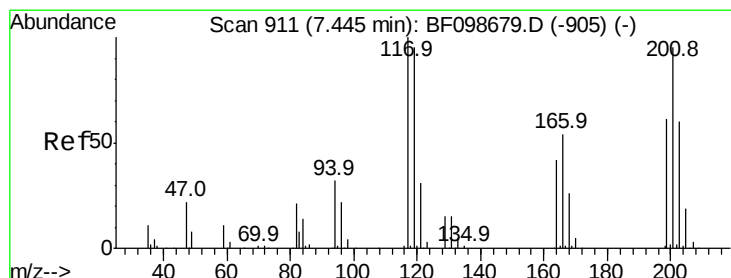
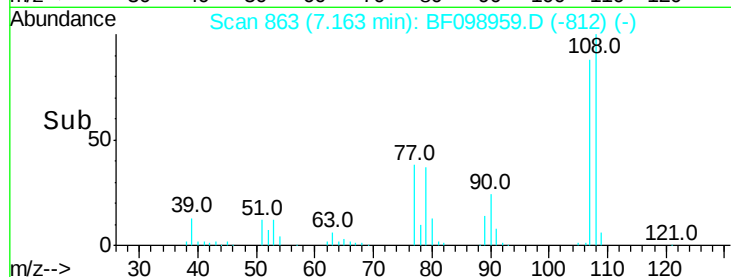
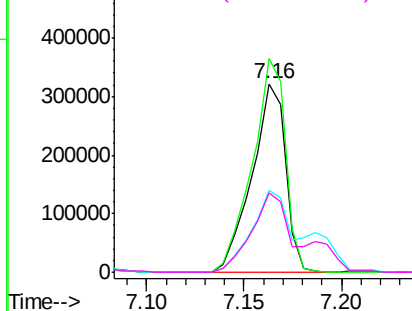
Tot Ion:	107	Resp:	383824
Ion Ratio	Lower	Upper	
107	100		
108	113.4	91.7	137.5
77	43.3	33.8	50.8
79	42.1	33.8	50.8

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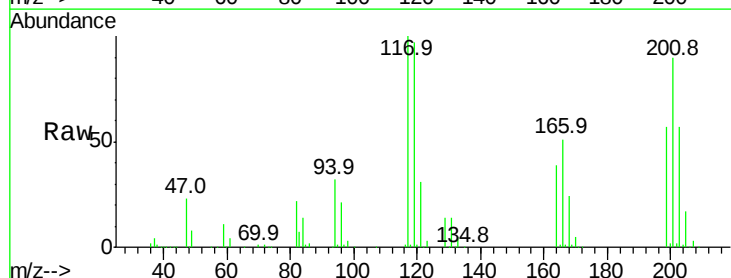


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

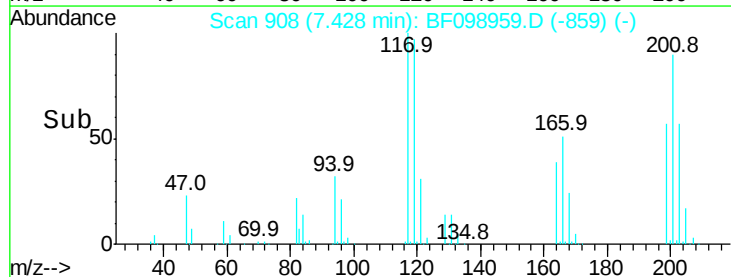
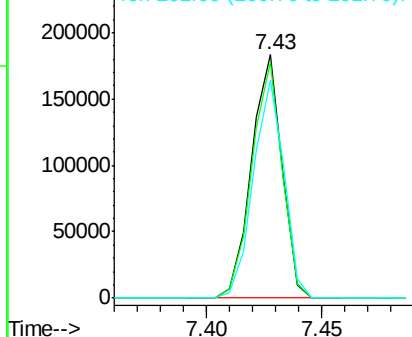


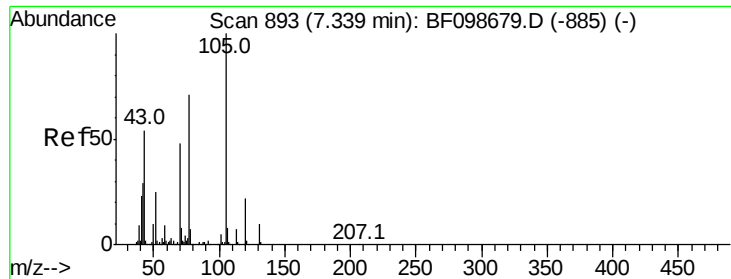
#18
Hexachloroethane
Concen: 39.710 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion:	117	Resp:	168948
Ion Ratio	Lower	Upper	
117	100		
119	97.1	75.8	113.8
201	89.7	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





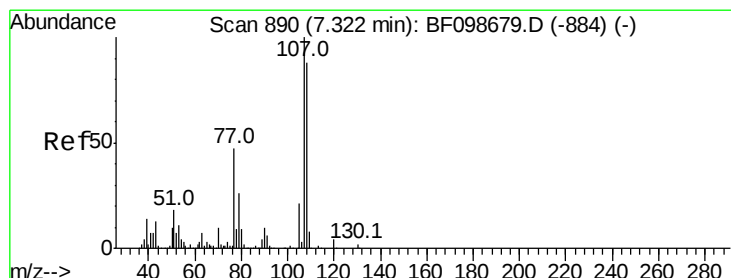
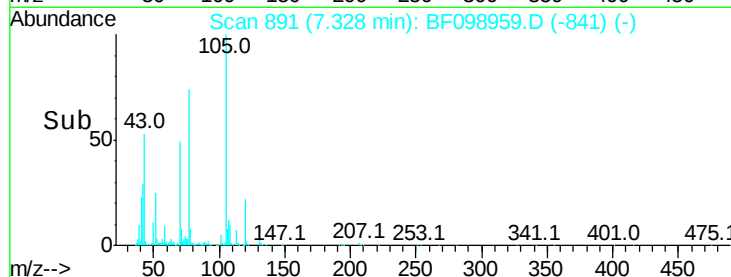
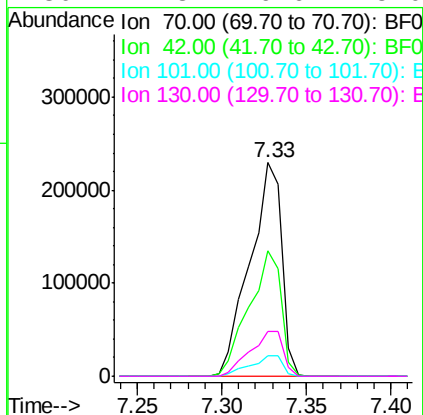
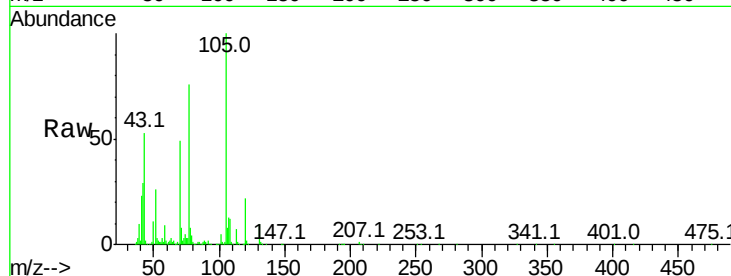
#19
n-Nitroso-di-n-propylamine
Concen: 38.962 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampleId :
PB102773BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.8	47.5	71.3
101	9.8	7.4	11.2
130	21.3	16.6	25.0

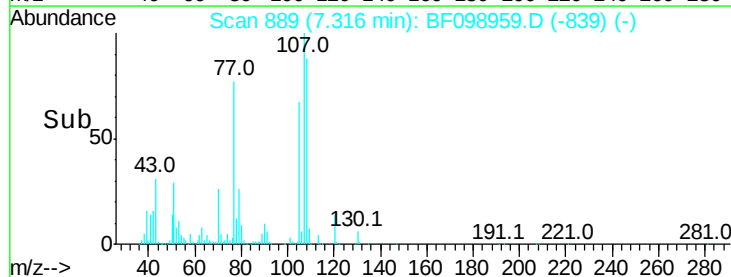
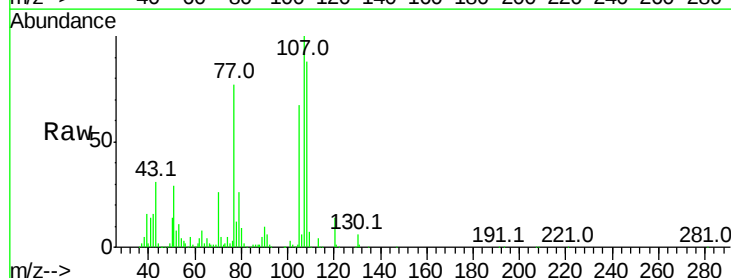
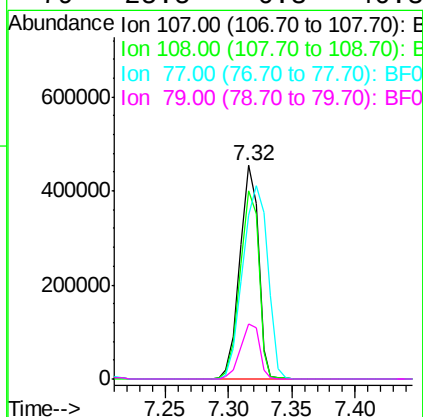
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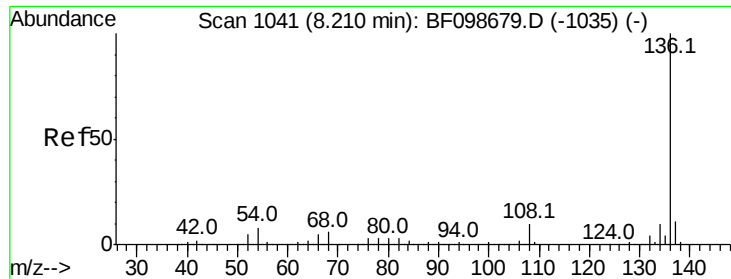
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#20
3+4-Methylphenols
Concen: 39.989 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.2	108.2
77	77.0	26.7	66.7#
79	25.5	6.3	46.3





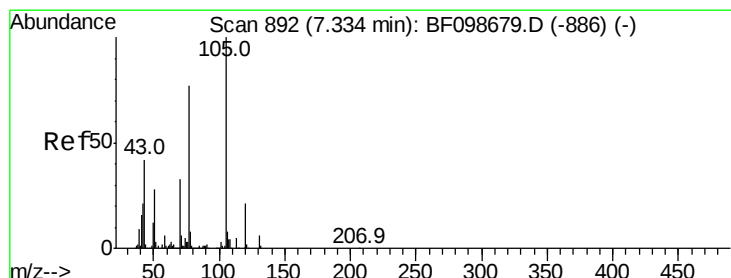
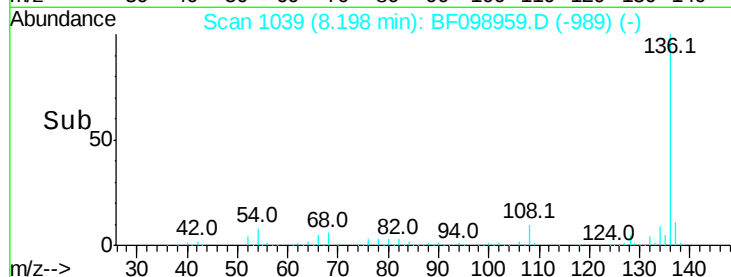
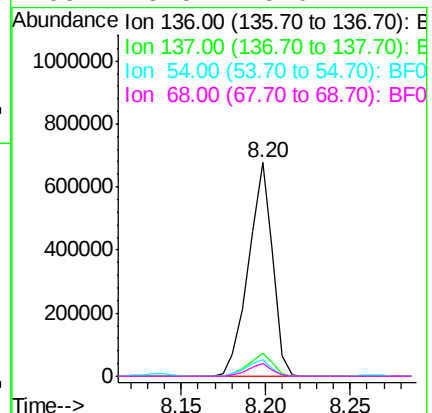
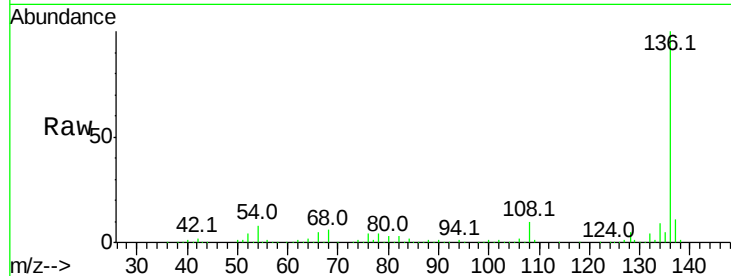
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampleId :
PB102773BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	673189		
137	11.1		8.9	13.3
54	7.9		6.6	9.8
68	5.8		5.0	7.4

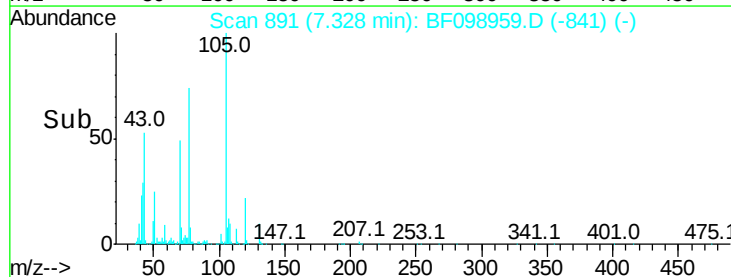
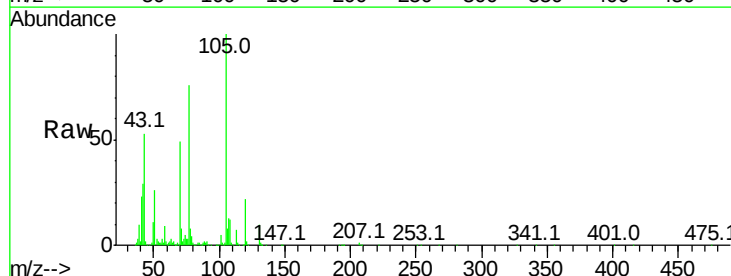
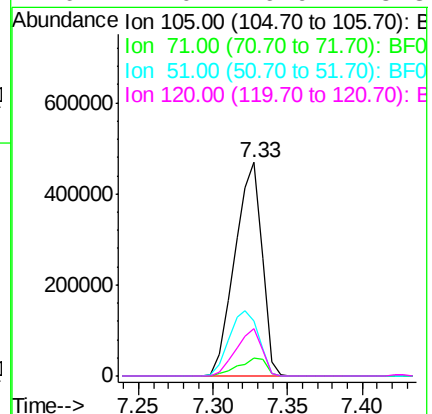
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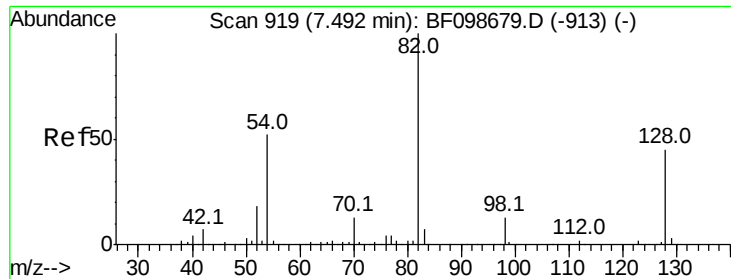
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#22
Acetophenone
Concen: 36.724 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	598979		
71	8.4		4.4	6.6#
51	25.8		22.3	33.5
120	22.0		16.9	25.3





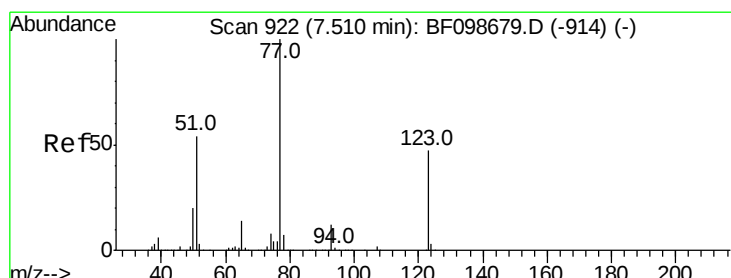
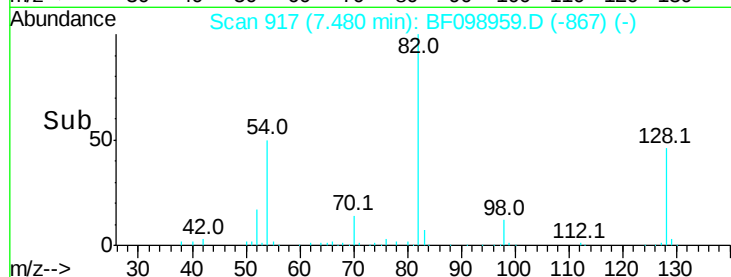
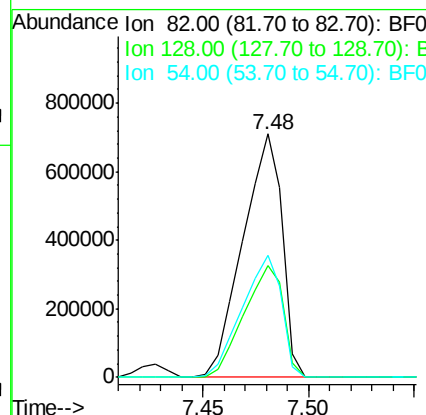
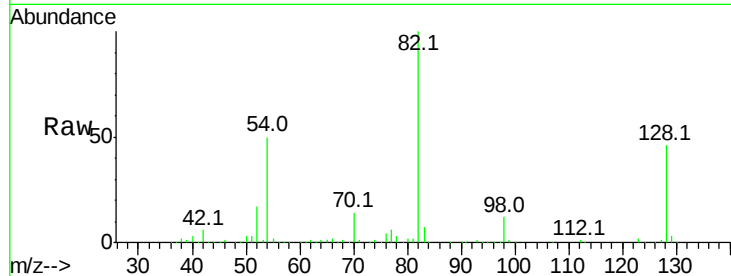
#23
Nitrobenzene-d5
Concen: 87.333 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampleId :
PB102773BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	50.3	41.4	62.2

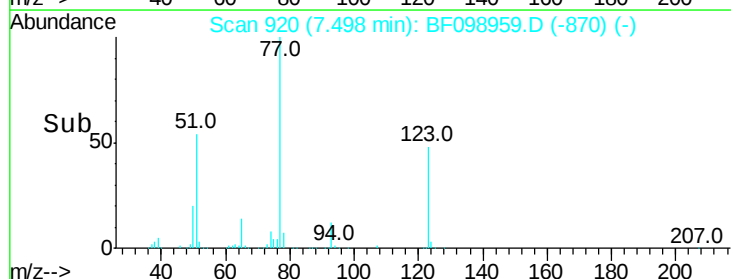
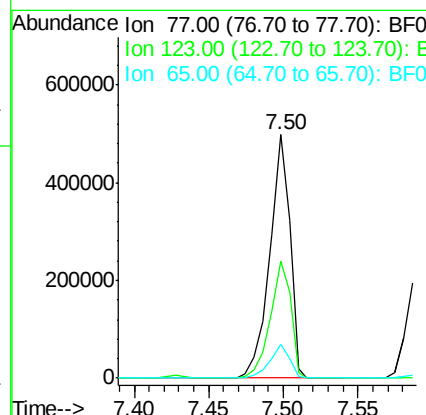
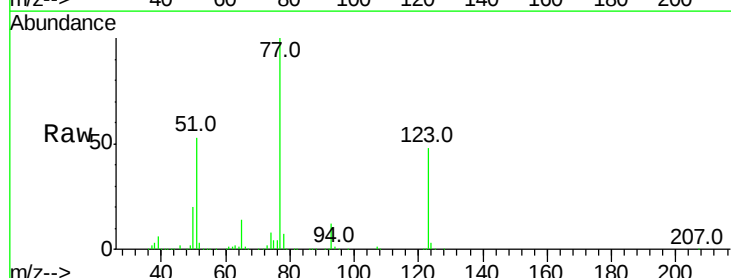
Manual Integrations
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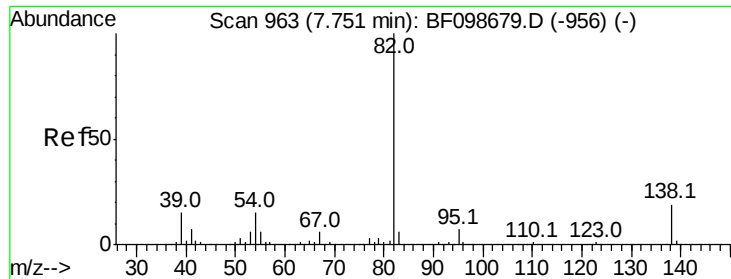
Sohil
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#24
Nitrobenzene
Concen: 38.768 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	37.9	56.9
65	13.6	11.0	16.4





#25

Isophorone

Concen: 41.965 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

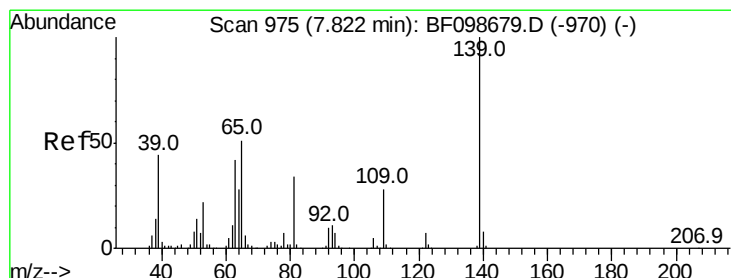
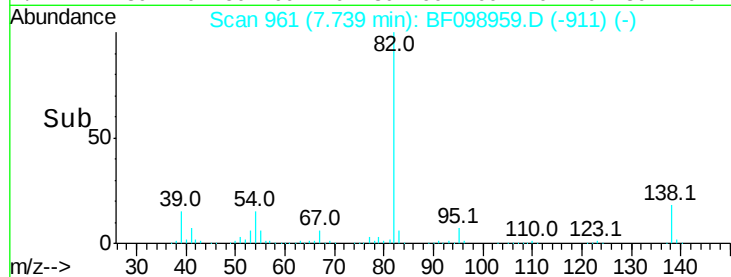
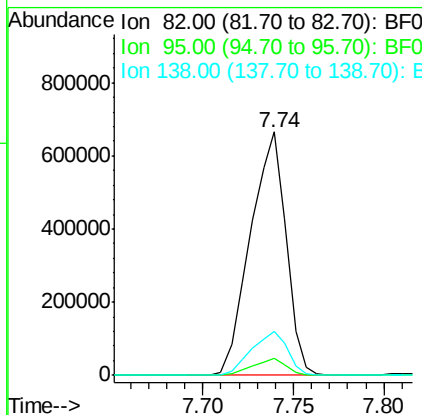
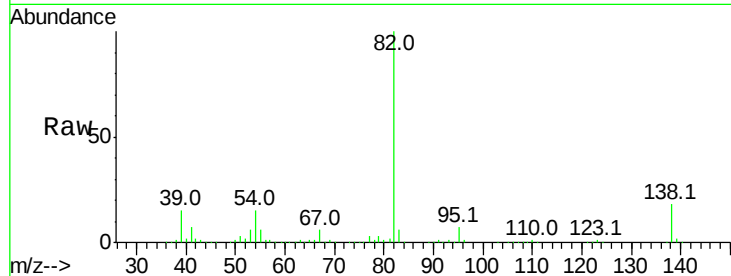
ClientSampled :

PB102773BS

Tot Ion:	82	Resp:	910772
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	18.3	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.178 ng

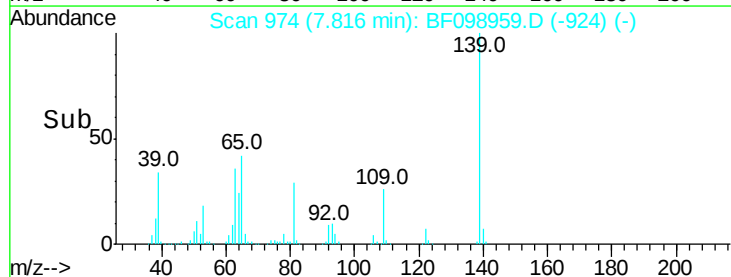
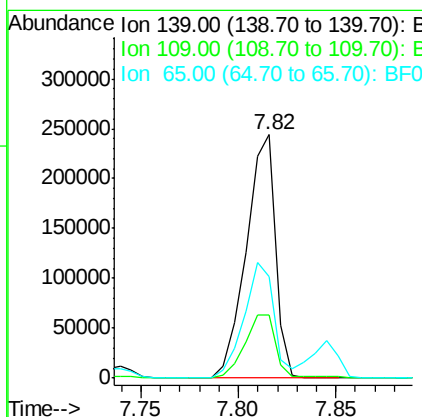
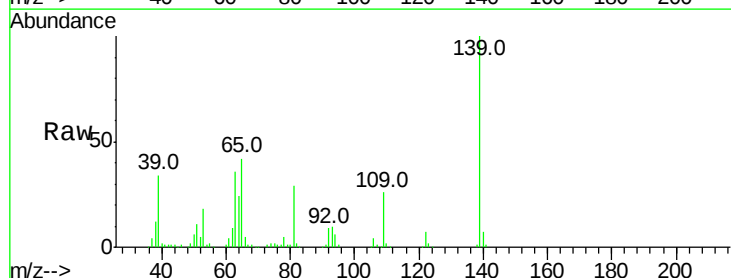
RT: 7.82 min Scan# 974

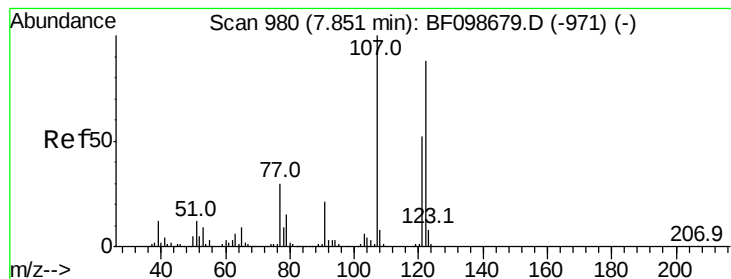
Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Tgt Ion:	139	Resp:	252972
Ion Ratio	Lower	Upper	
139	100		
109	25.7	22.7	34.1
65	41.9	40.5	60.7





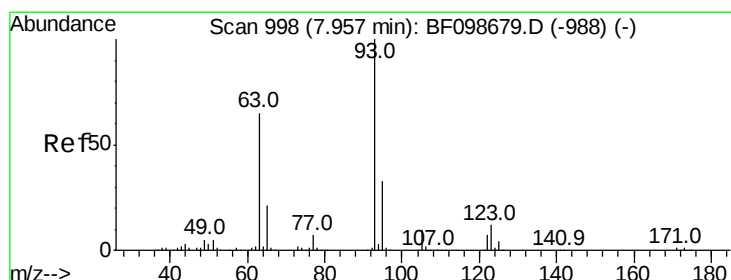
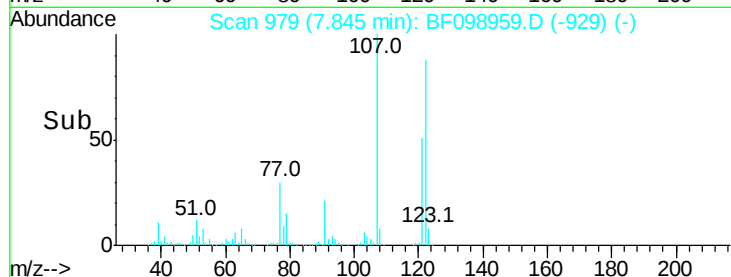
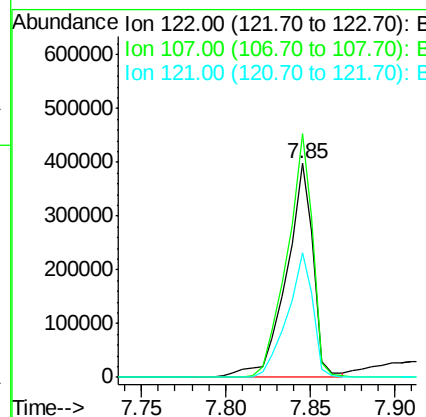
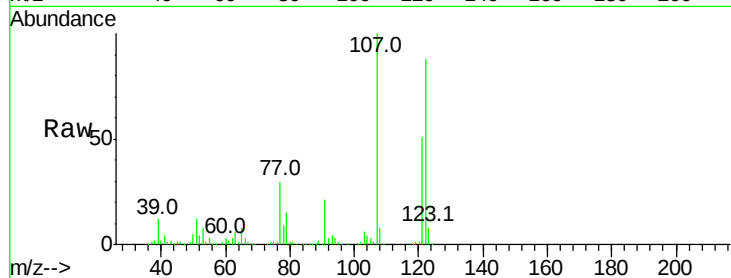
#27
 2,4-Dimethylphenol
 Concen: 40.767 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	440847		
107	114.0	91.2	136.8	
121	58.4	47.2	70.8	

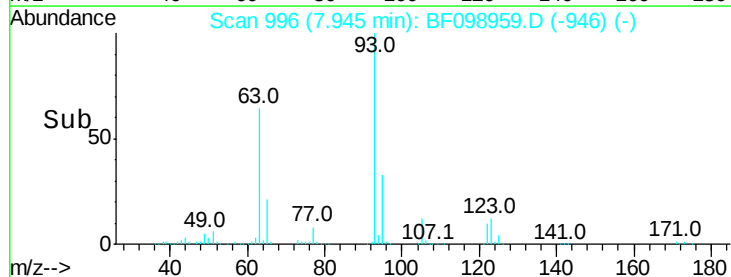
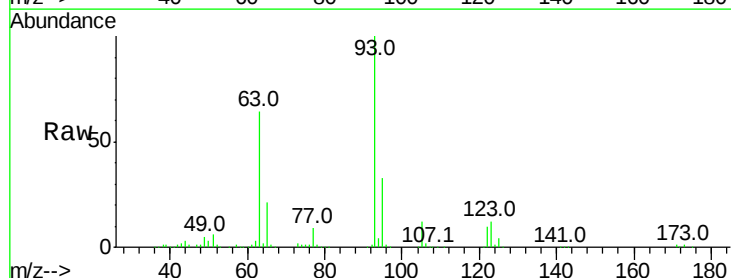
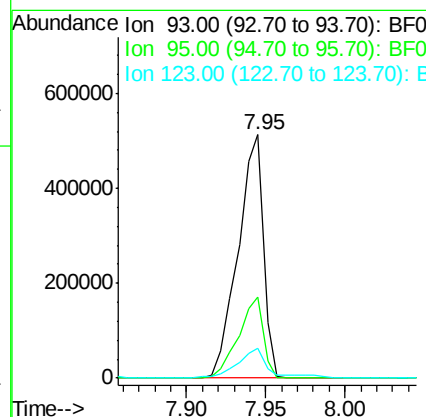
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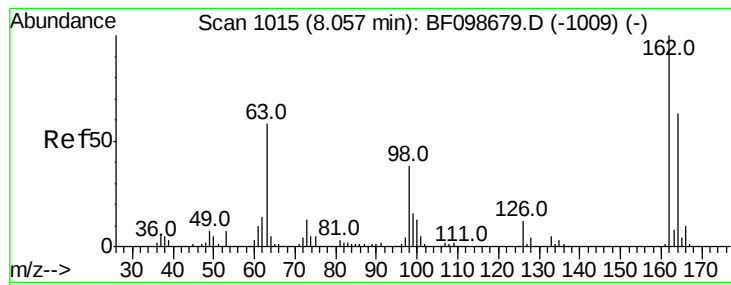
Sohil
 10/2/2017 5:44:15 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.021 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	568333		
95	33.1	26.3	39.5	
123	12.2	9.8	14.6	





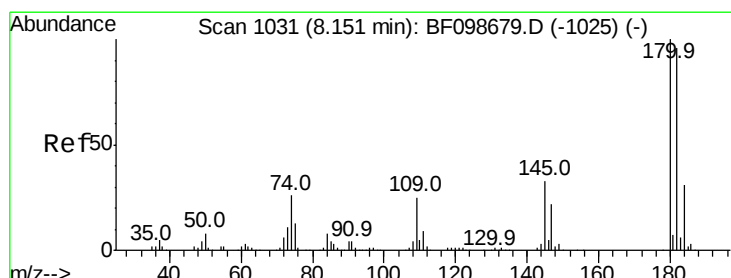
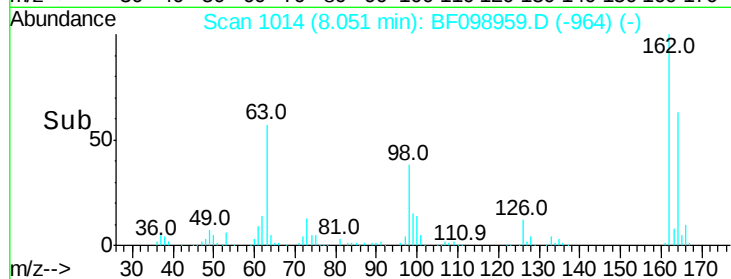
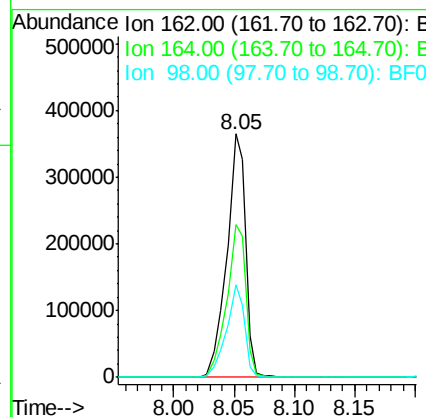
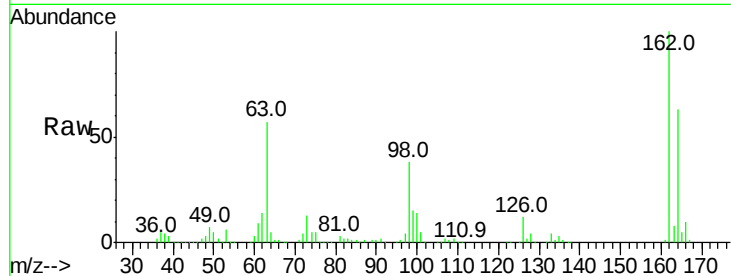
#29
 2,4-Dichlorophenol
 Concen: 42.308 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.7	42.7	82.7
98	37.9	18.1	58.1

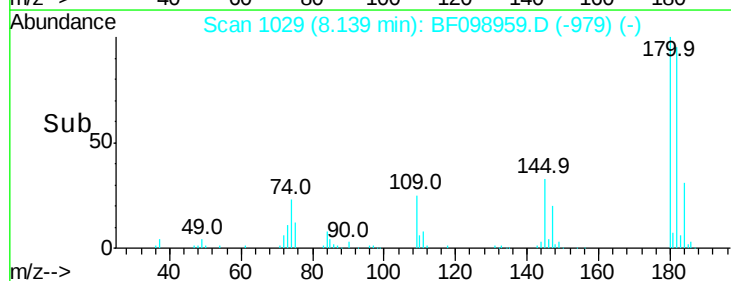
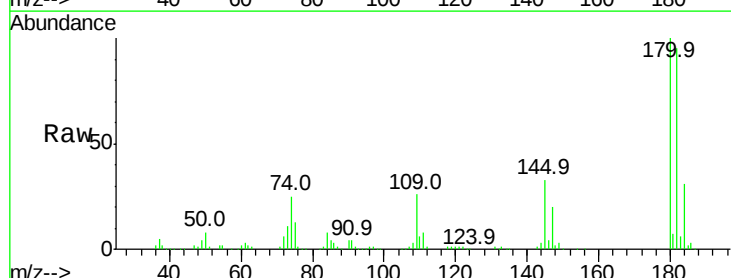
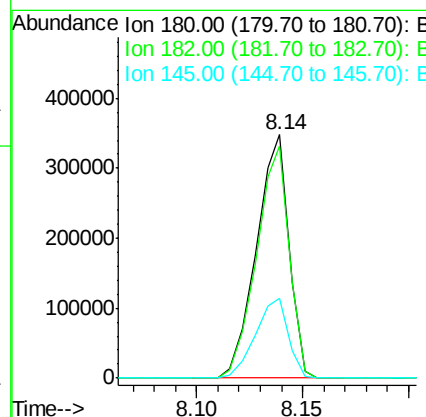
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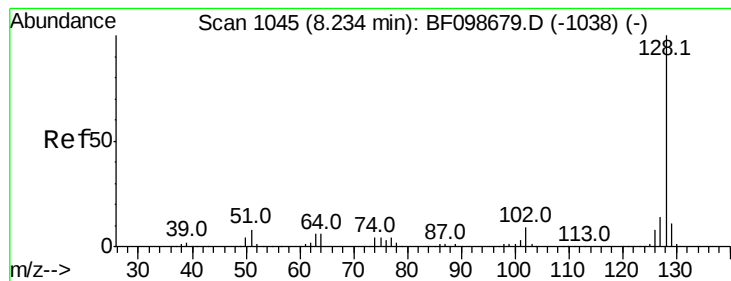
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.054 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.1	76.8	115.2
145	32.9	26.5	39.7





#31

Naphthalene

Concen: 39.901 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

ClientSampleId :

PB102773BS

Tot Ion:128 Resp: 1261548

Ion Ratio Lower Upper

128 100

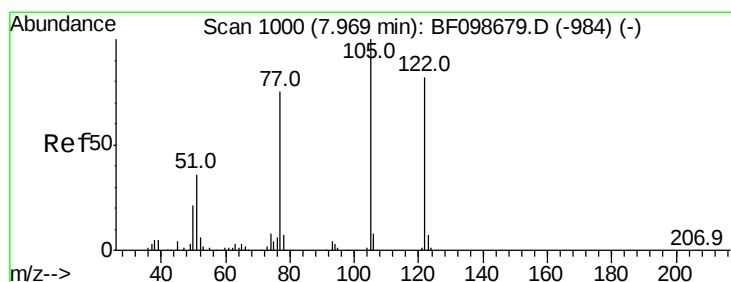
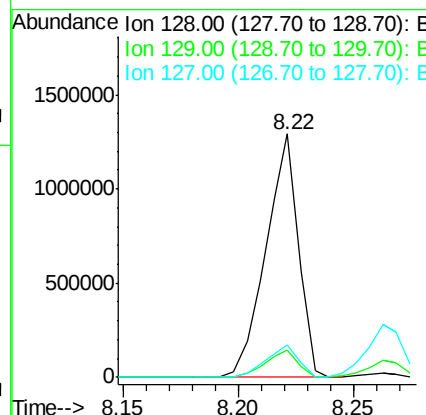
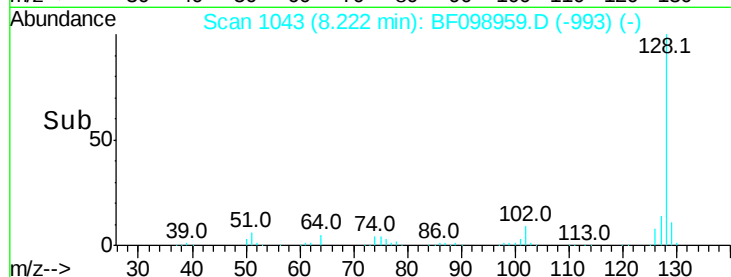
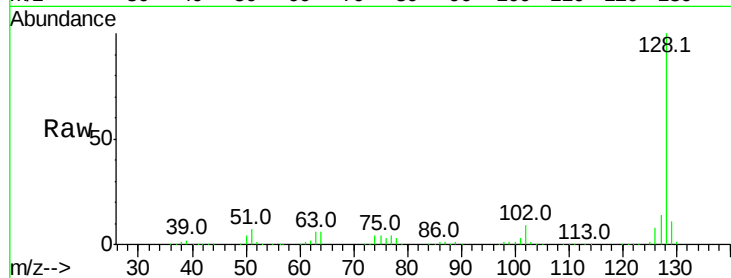
129 11.1 8.8 13.2

127 13.5 10.9 16.3

Manual Integrations
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#32

Benzoic acid

Concen: 35.027 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

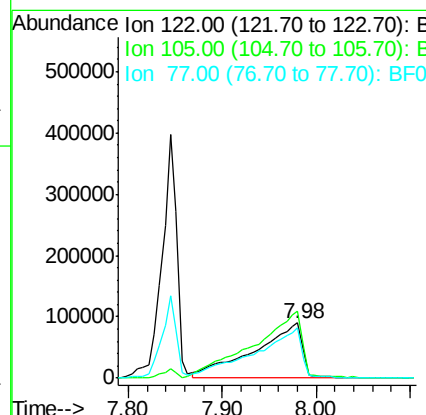
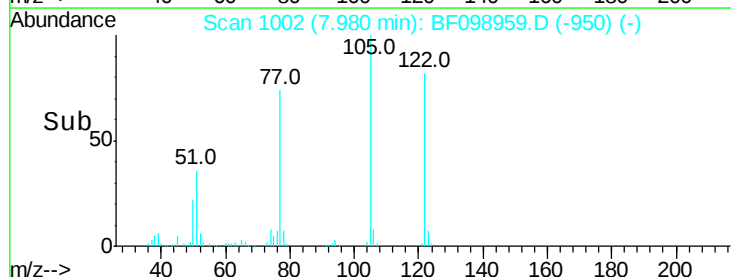
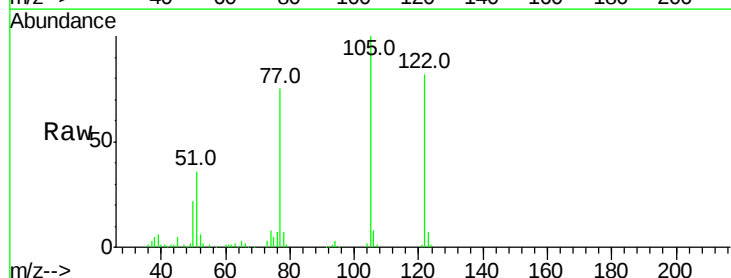
Tgt Ion:122 Resp: 311144

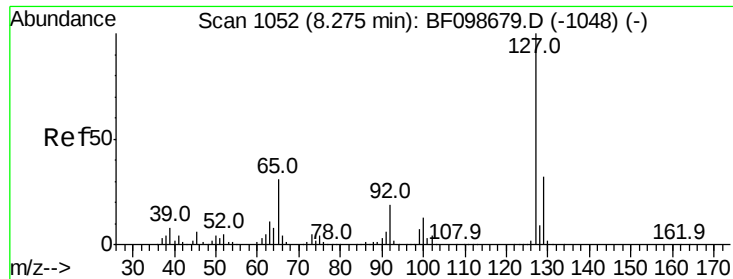
Ion Ratio Lower Upper

122 100

105 121.3 101.1 141.1

77 90.4 70.7 110.7





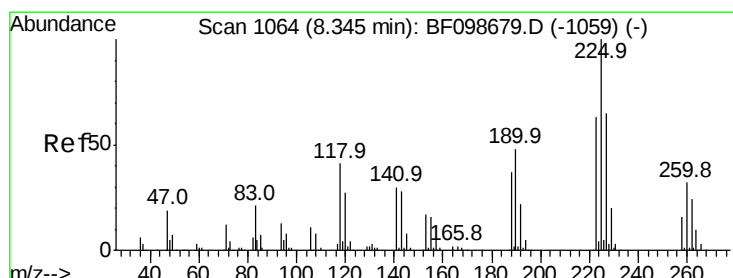
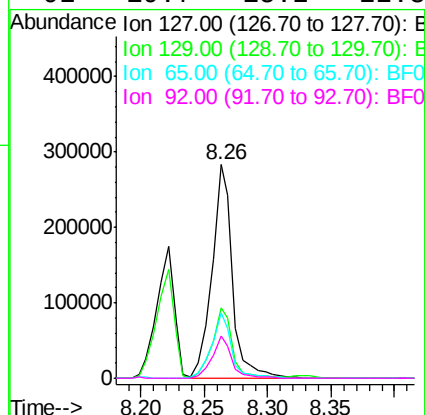
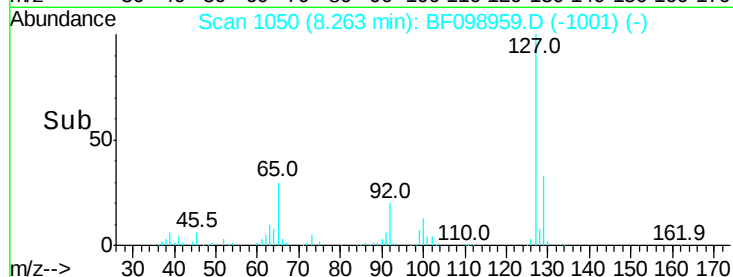
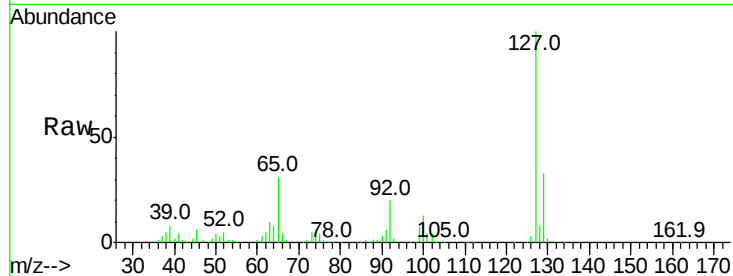
#33
4-Chloroaniline
Concen: 24.378 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampleId :
PB102773BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.0	25.9	38.9		
65	30.7	25.0	37.4		
92	19.7	15.2	22.8		

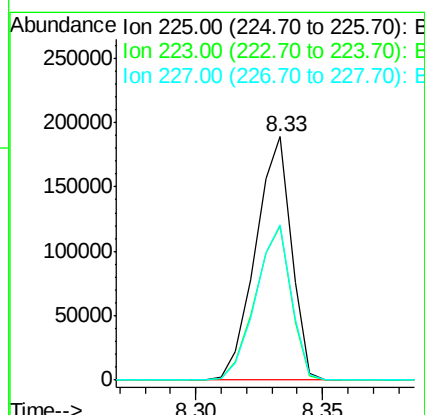
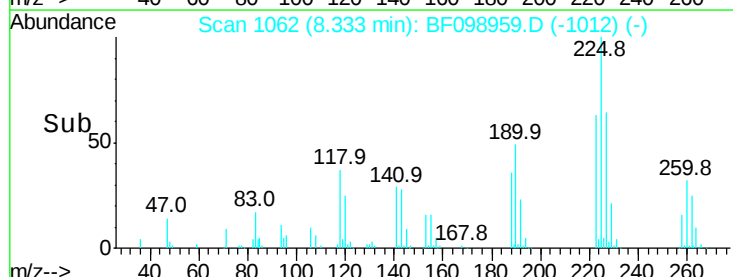
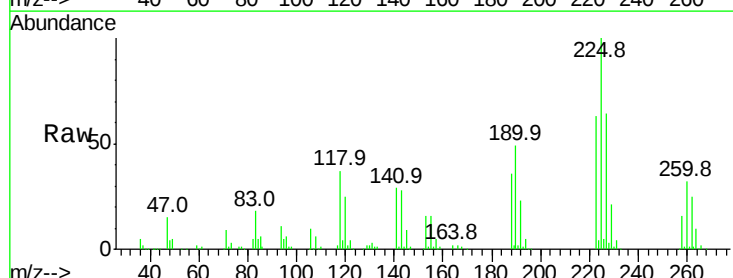
Manual Integrations
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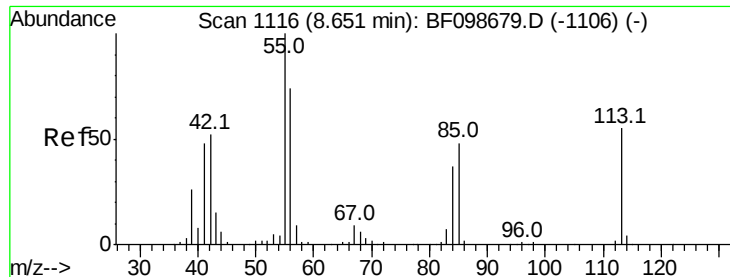
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#34
Hexachlorobutadiene
Concen: 38.999 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.0	50.6	76.0		
227	64.0	51.9	77.9		





#35

Caprolactam

Concen: 50.565 ng/ml

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

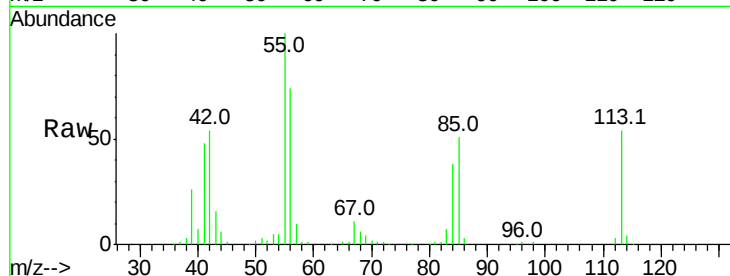
ClientSampleId :

PB102773BS

Tot Ion:	113	Resp:	150594
Ion Ratio	Lower	Upper	
113	100		
55	183.5	163.3	203.3
56	136.4	115.7	155.7

Manual Integrations
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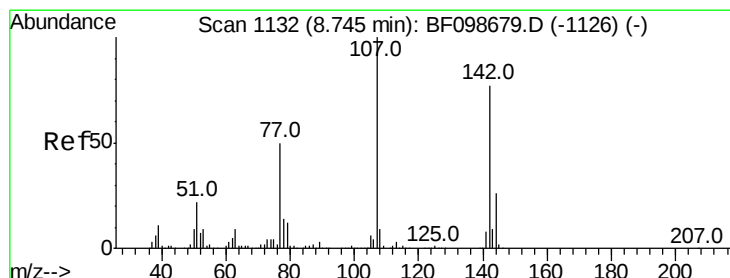
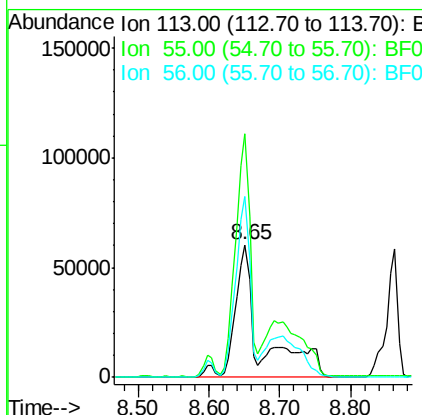
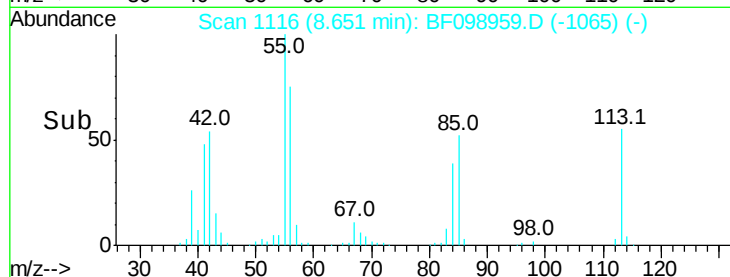
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.454 ng/ml

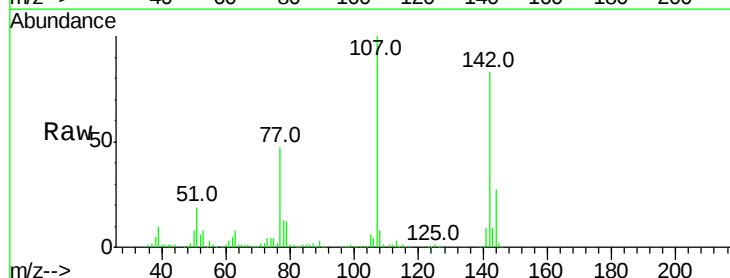
RT: 8.75 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

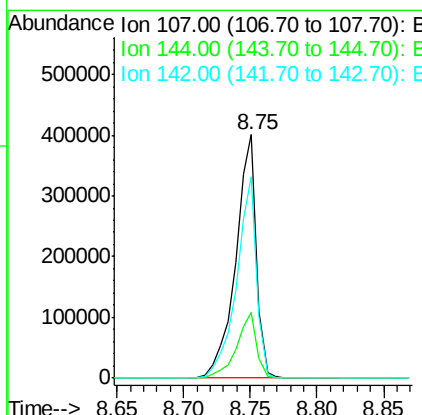
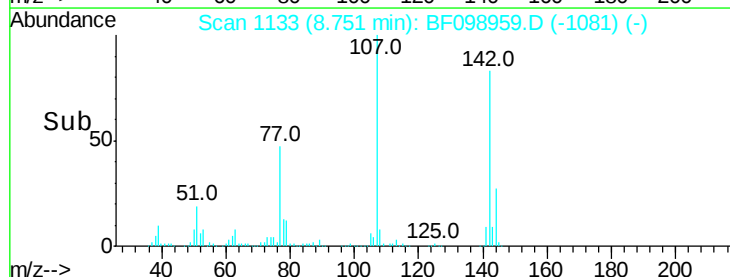
Tgt Ion:	107	Resp:	432609
Ion Ratio	Lower	Upper	
107	100		
144	27.0	20.5	30.7
142	82.6	62.0	93.0

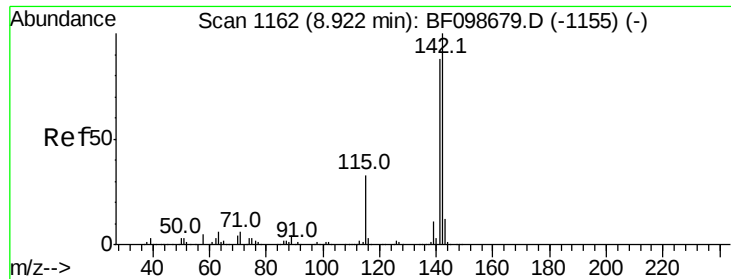


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





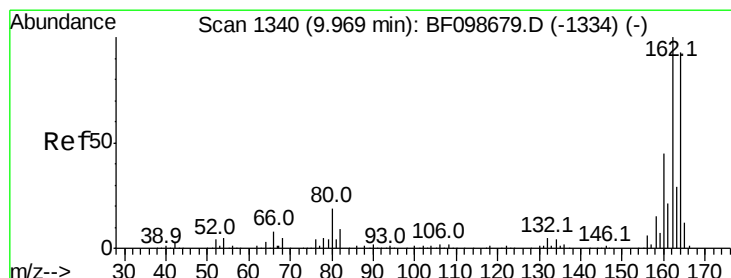
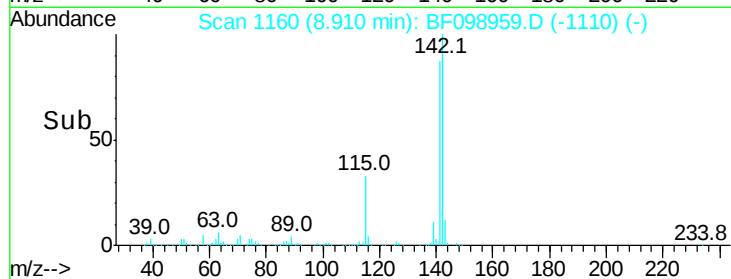
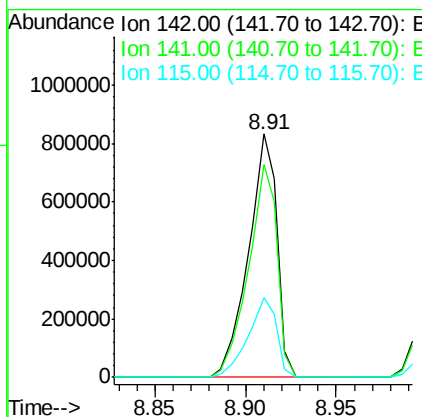
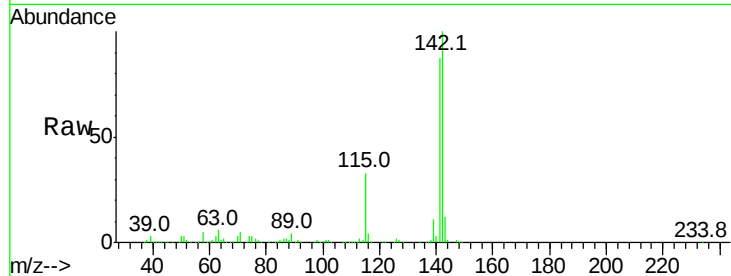
#37
 2-Methylnaphthalene
 Concen: 44.168 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Instrument :
 BNA_F
 ClientSampleID :
 PB102773BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.8	106.2
115	32.8	26.1	39.1

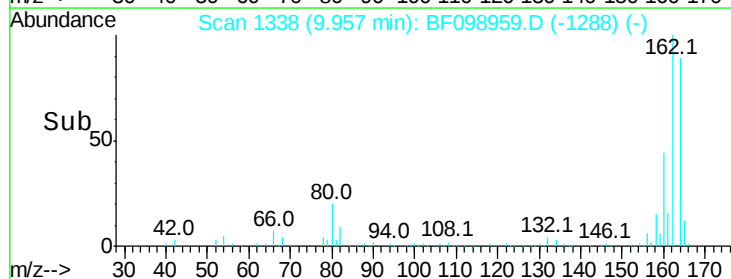
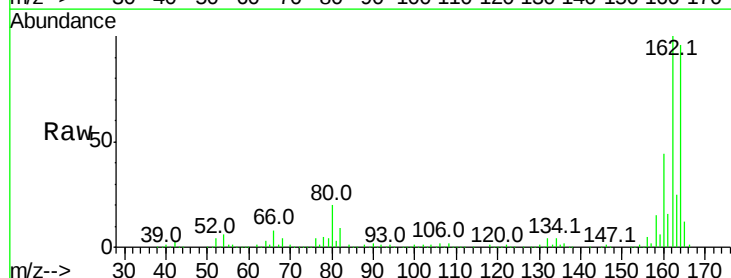
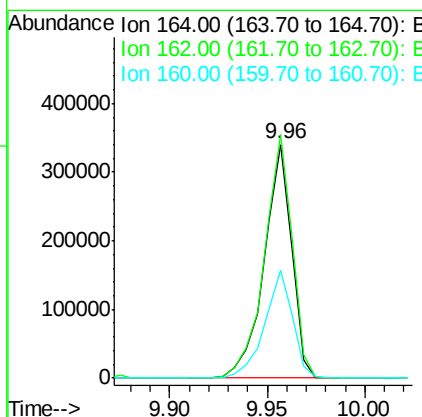
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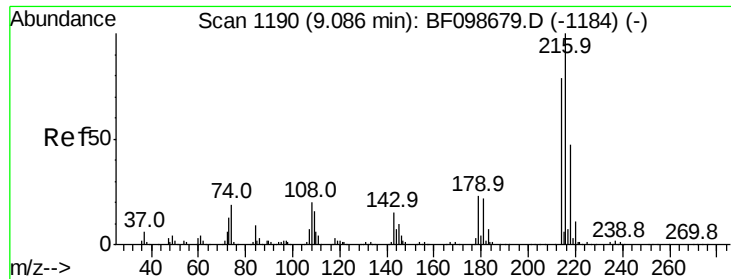
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	86.1	129.1
160	46.0	38.3	57.5





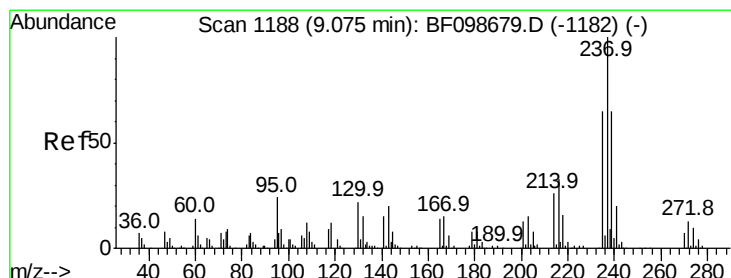
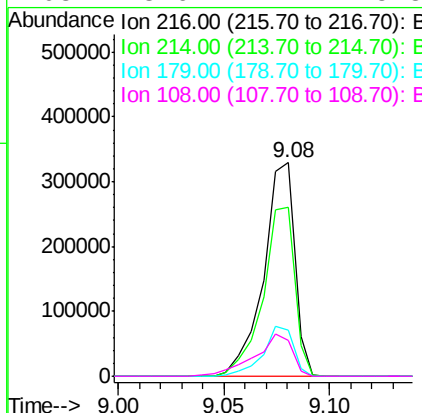
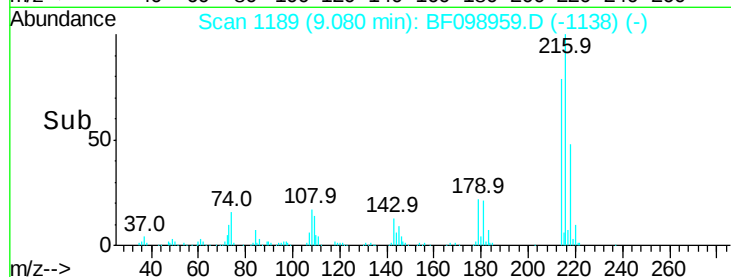
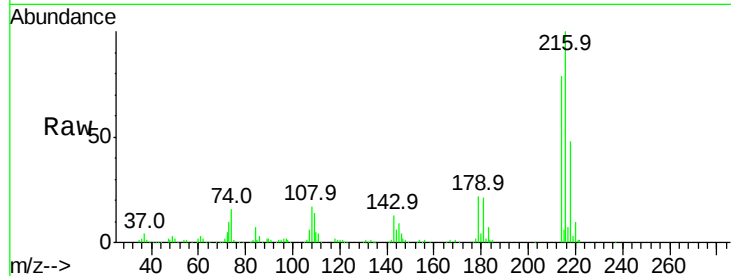
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.517 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

Tot Ion:	216	Resp:	340874
Ion Ratio	Lower	Upper	
216	100		
214	80.3	63.0	94.4
179	22.6	18.1	27.1
108	23.6	17.2	25.8

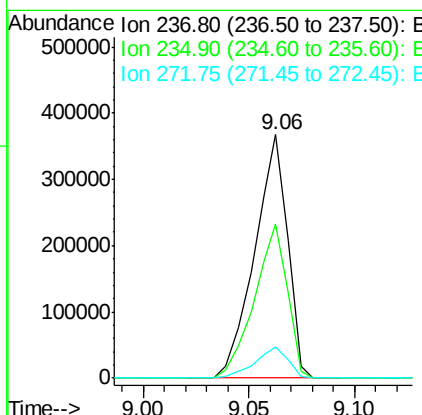
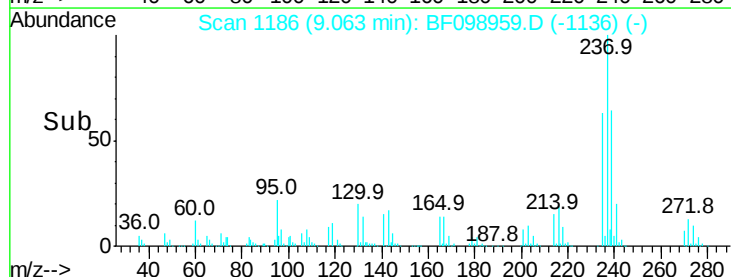
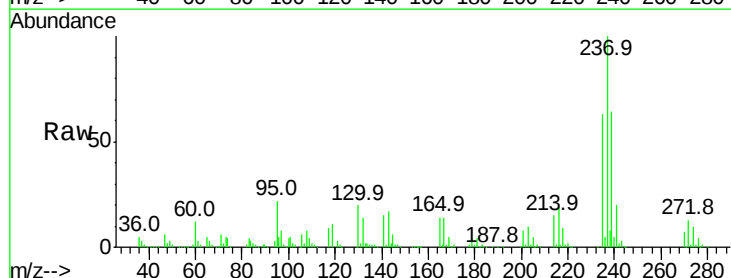
Manual Integrations
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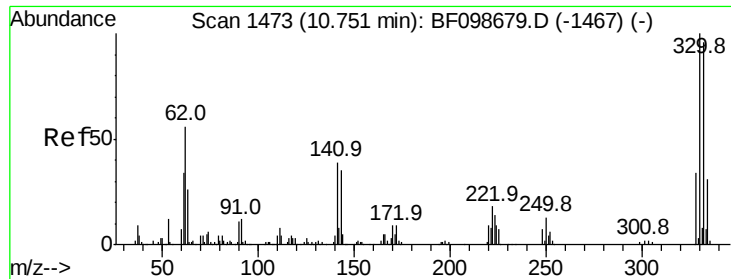
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 87.906 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Tgt Ion:	237	Resp:	396724
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.8	84.8
272	12.8	0.0	33.3





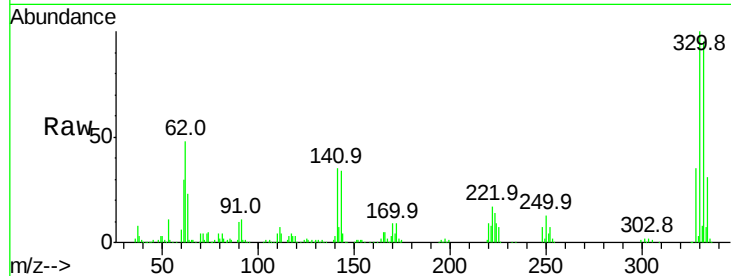
#41
 2,4,6-Tribromophenol
 Concen: 128.670 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

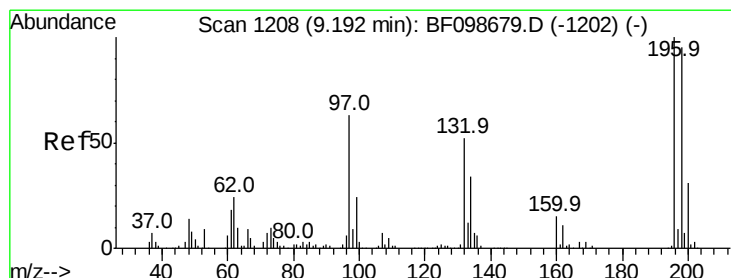
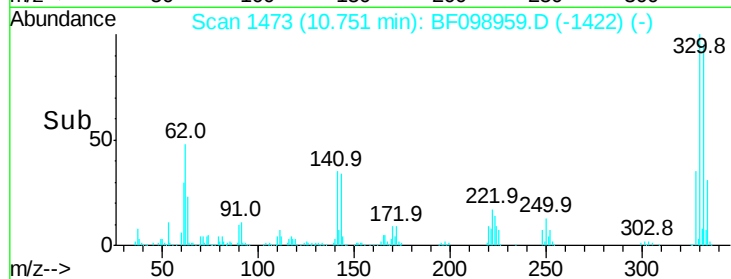
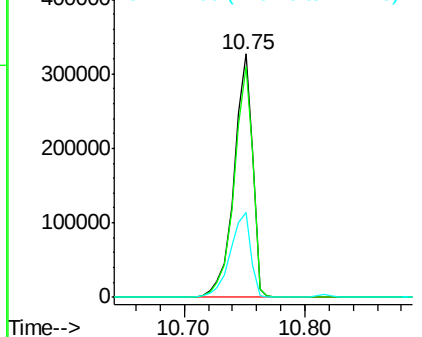
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	77.0	115.6	
141	38.5	29.9	44.9	

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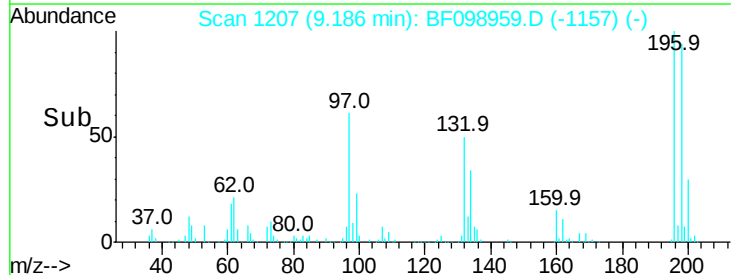
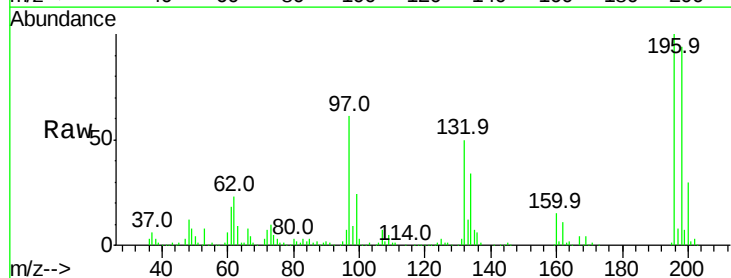
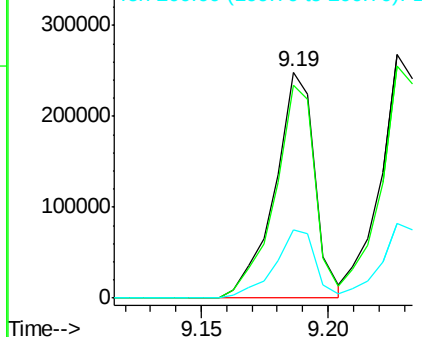
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.373 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.3	75.7	113.5	
200	30.3	24.5	36.7	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





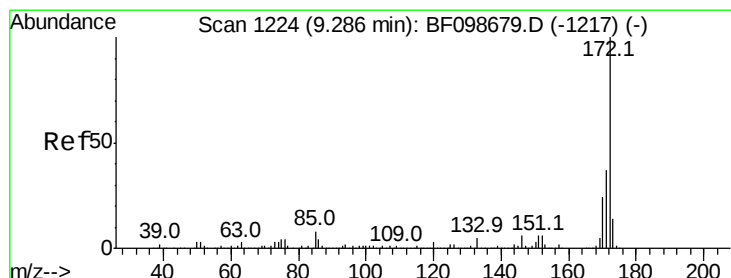
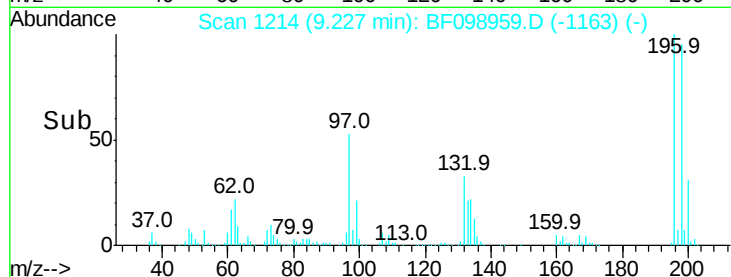
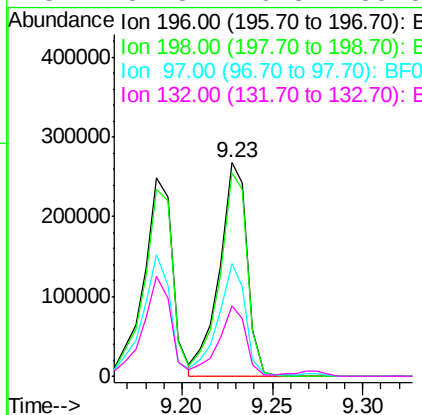
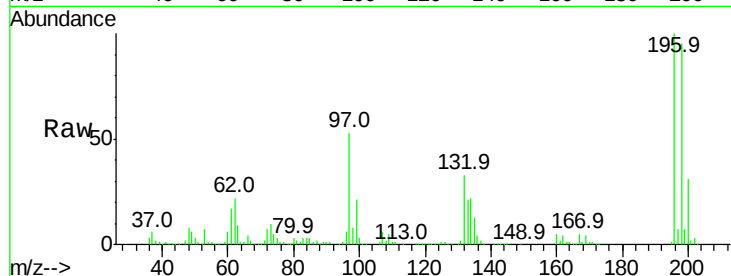
#43
 2,4,5-Trichlorophenol
 Concen: 41.044 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

Tot Ion:	196	Resp:	286647
Ion Ratio	Lower	Upper	
196	100		
198	95.2	74.6	112.0
97	52.9	42.9	64.3
132	32.8	26.3	39.5

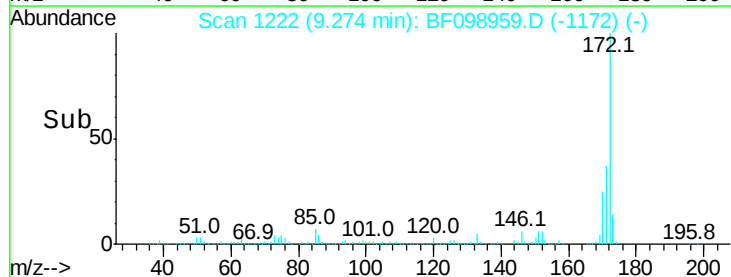
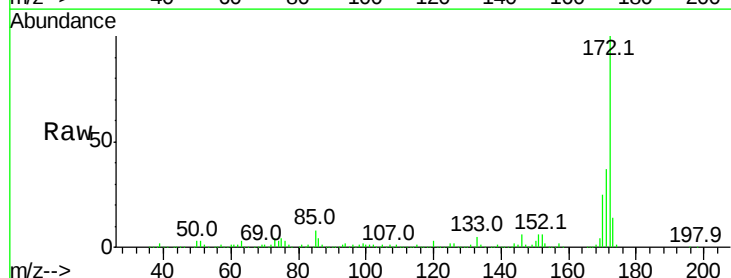
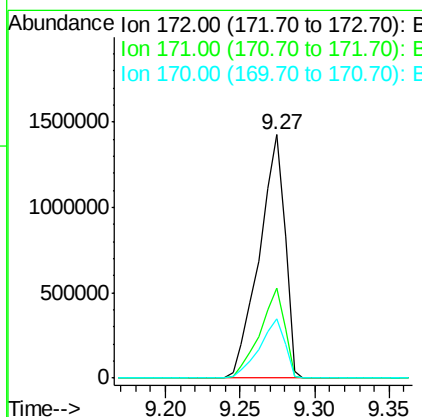
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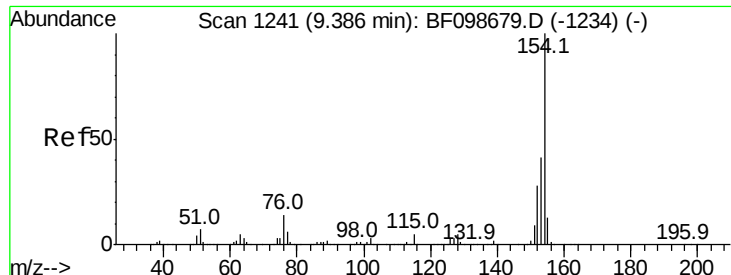
Sohil
 10/2/2017 5:44:15 PM



#44
 2-Fluorobiphenyl
 Concen: 84.971 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Tgt Ion:	172	Resp:	1685432
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.7	44.5
170	24.6	19.6	29.4





#45

1,1'-Biphenyl

Concen: 37.082 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

ClientSampleId :

PB102773BS

Tot Ion:154 Resp: 1055338

Ion Ratio Lower Upper

154 100

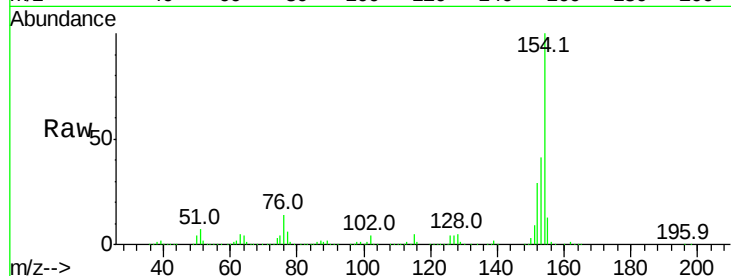
153 40.9 21.3 61.3

76 14.2 0.0 34.0

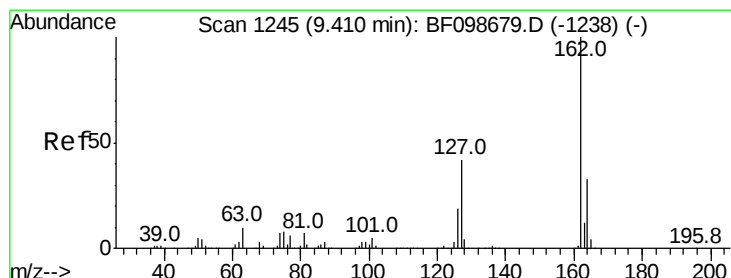
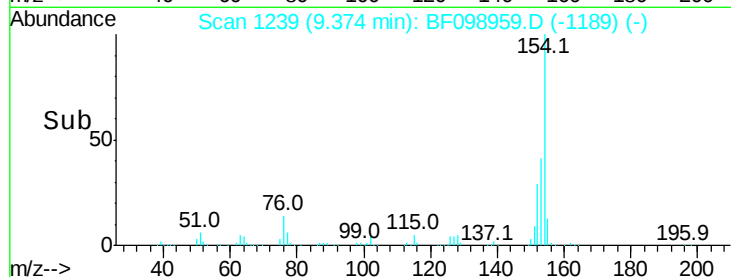
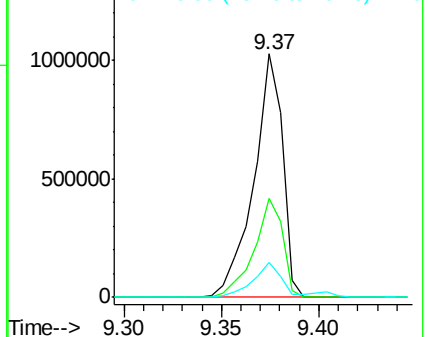
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 38.781 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

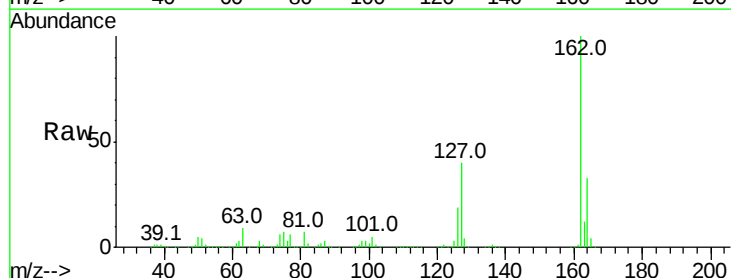
Tgt Ion:162 Resp: 828660

Ion Ratio Lower Upper

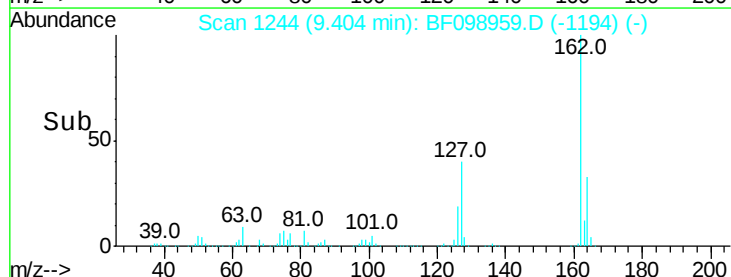
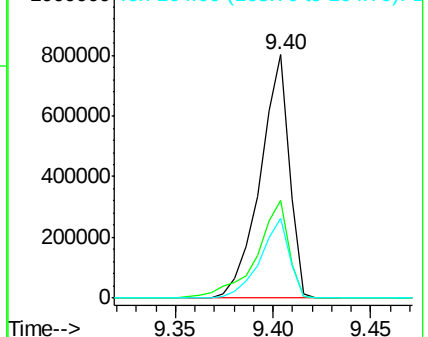
162 100

127 40.0 33.9 50.9

164 32.9 26.5 39.7



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





#47

2-Nitroaniline

Concen: 42.853 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

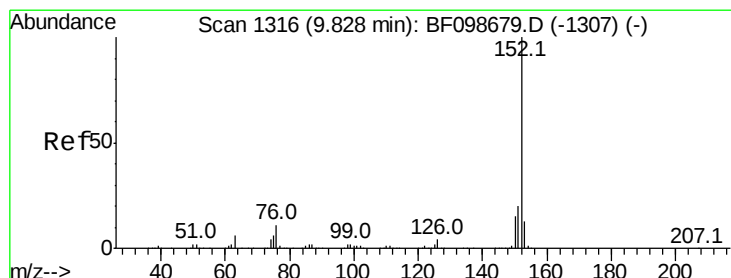
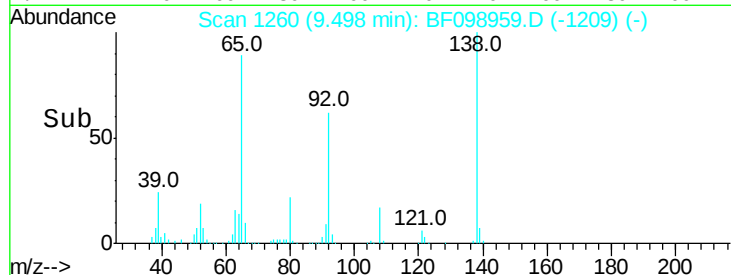
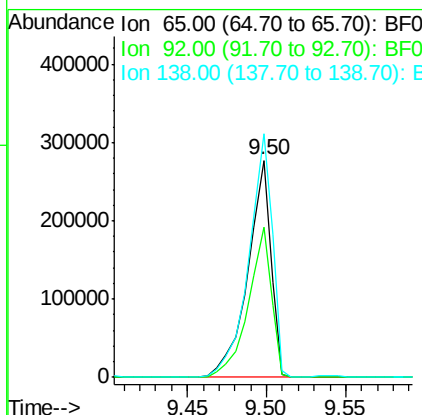
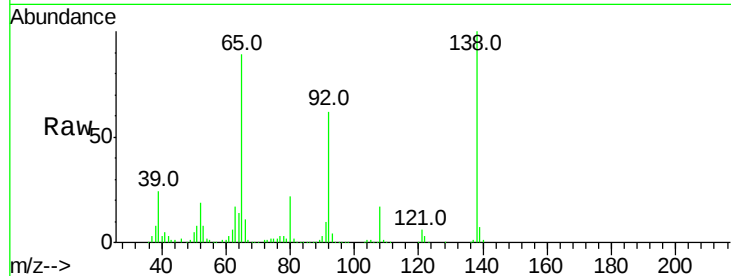
ClientSampleId :

PB102773BS

Tot Ion:	65	Resp:	280379
Ion Ratio	Lower	Upper	
65	100		
92	69.5	55.8	83.6
138	112.2	91.2	136.8

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#48

Acenaphthylene

Concen: 39.583 ng

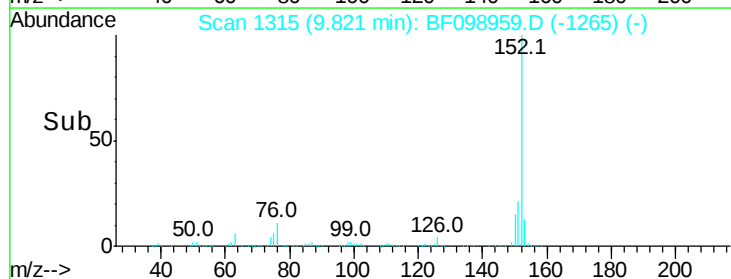
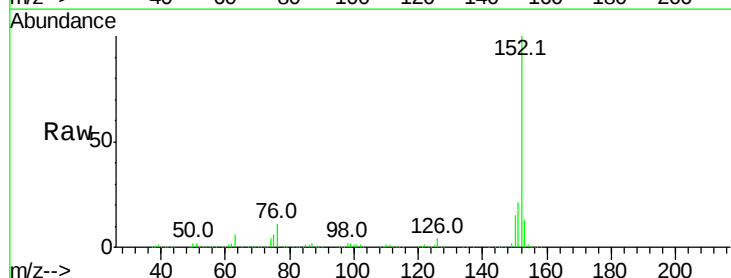
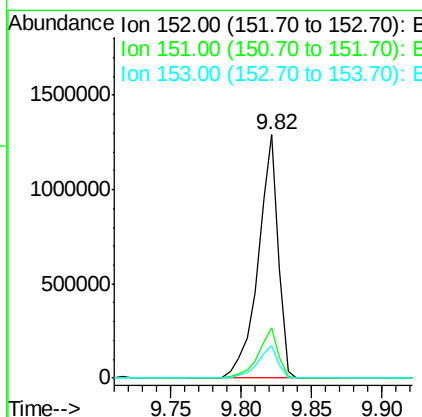
RT: 9.82 min Scan# 1315

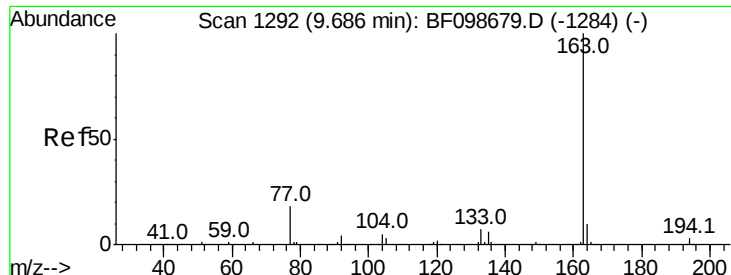
Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Tgt Ion:	152	Resp:	1294777
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.3	24.5
153	13.1	10.7	16.1





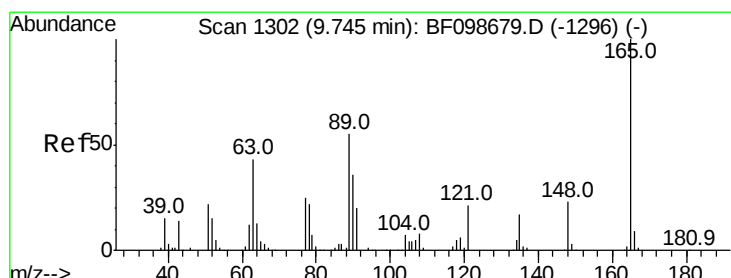
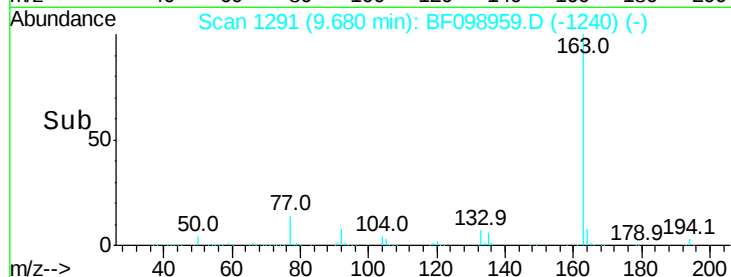
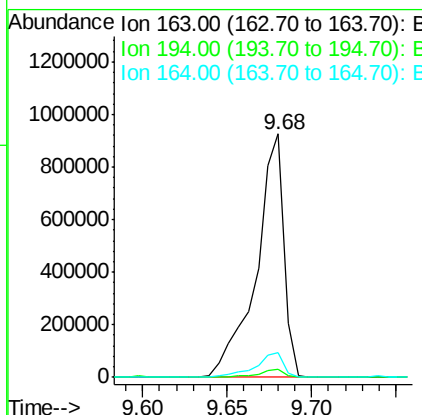
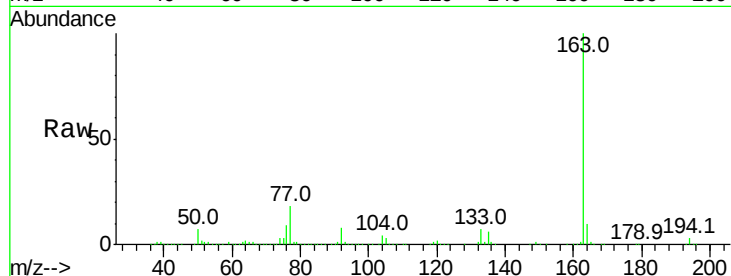
#49
Dimethylphthalate
Concen: 42.164 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampleId :
PB102773BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.2	8.2	12.2

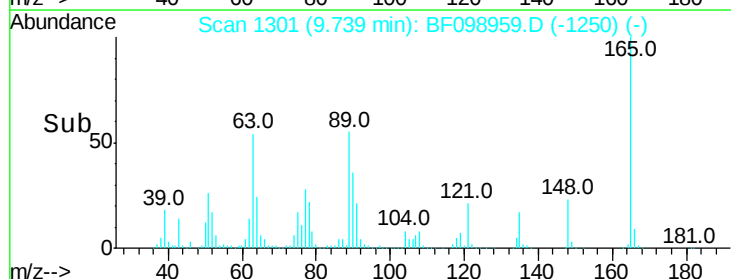
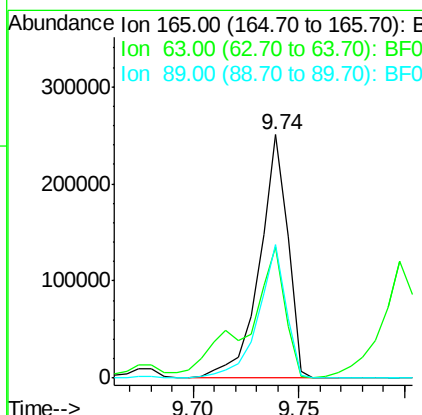
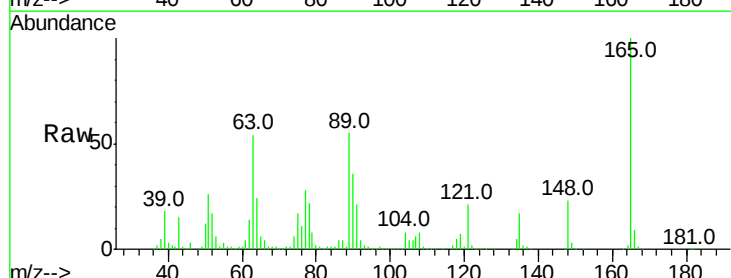
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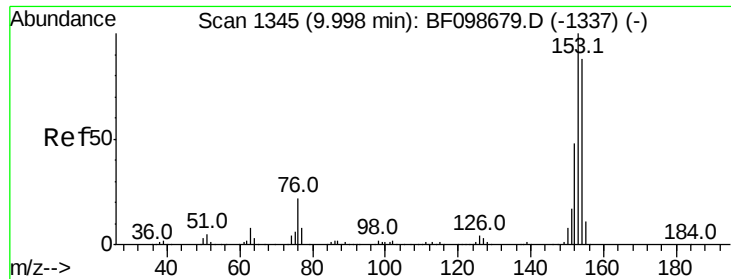
Sohil
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#50
2,6-Dinitrotoluene
Concen: 42.865 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.1	44.7	67.1
89	54.7	44.0	66.0





#51

Acenaphthene

Concen: 38.219 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

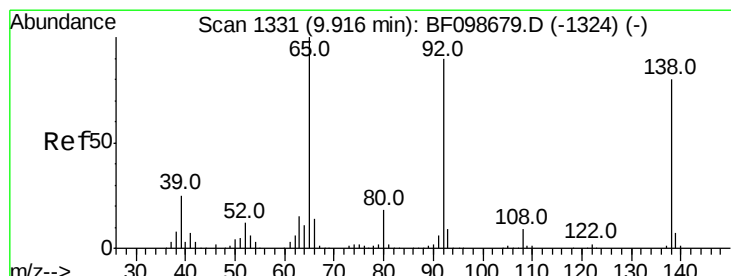
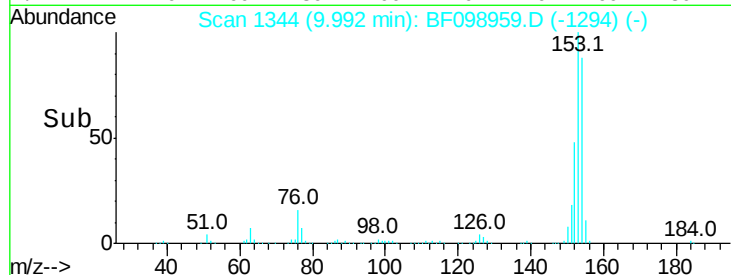
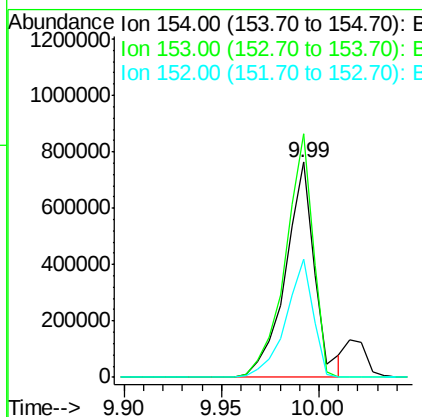
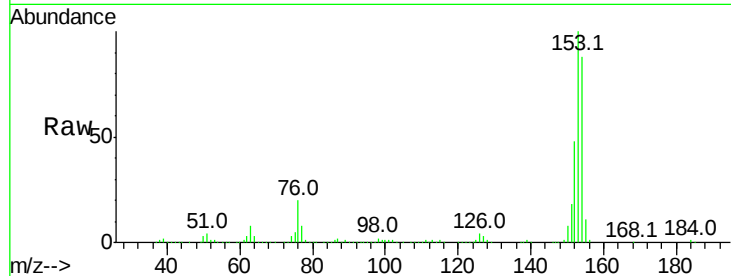
ClientSampleId :

PB102773BS

Tot Ion:	154	Resp:	791909
Ion Ratio	Lower	Upper	
154	100		
153	113.1	91.2	136.8
152	54.7	43.8	65.8

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#52

3-Nitroaniline

Concen: 27.628 ng

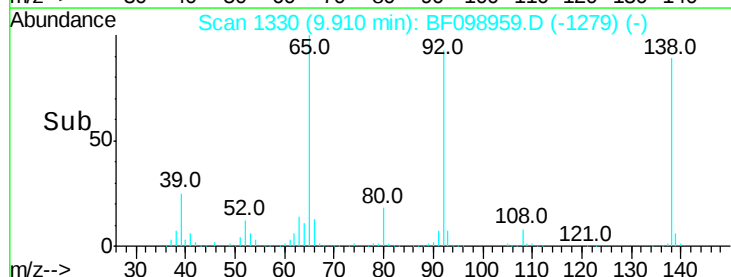
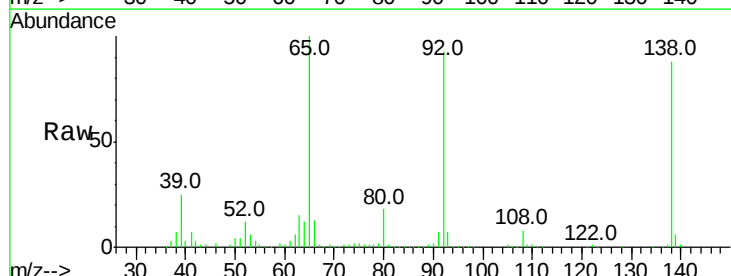
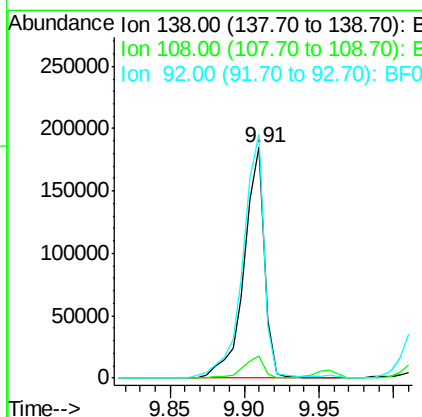
RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Tgt Ion:	138	Resp:	175281
Ion Ratio	Lower	Upper	
138	100		
108	9.4	9.4	14.0
92	105.5	89.4	134.2





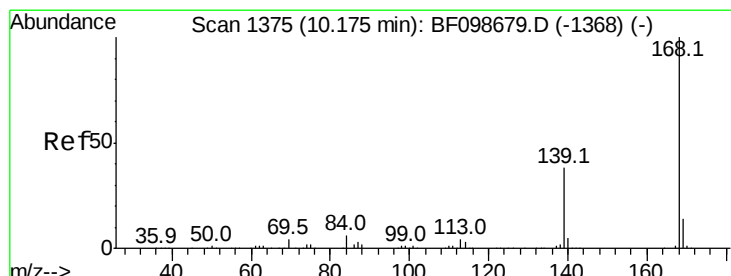
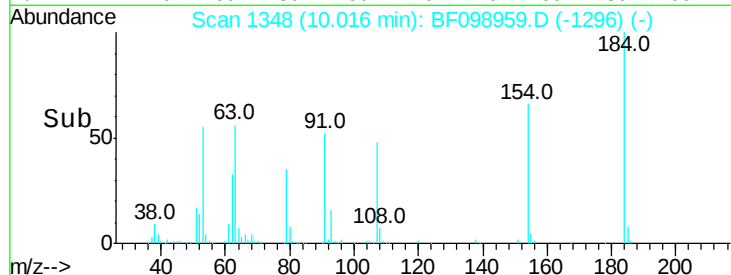
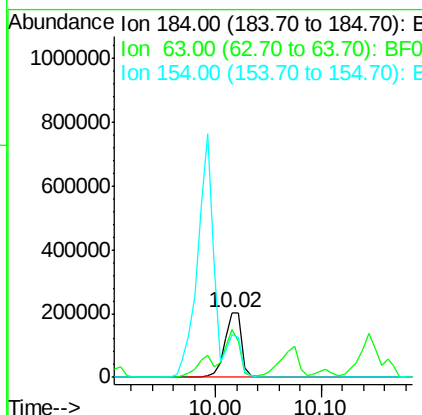
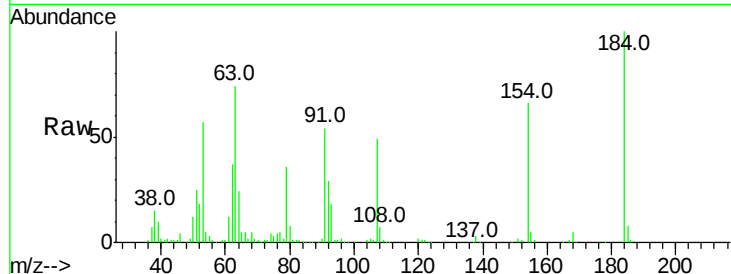
#53
2,4-Dinitrophenol
Concen: 80.325 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampled :
PB102773BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	227614		
63	74.0	54.2	81.2	
154	66.0	53.5	80.3	

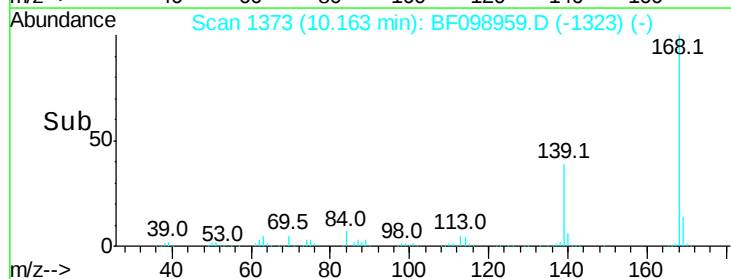
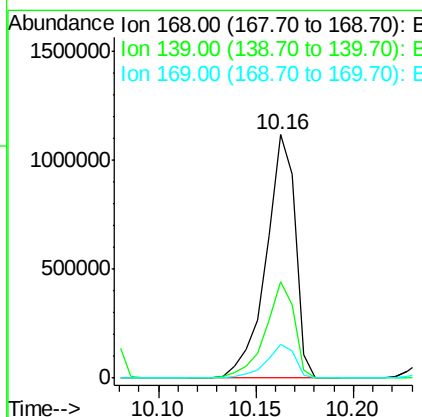
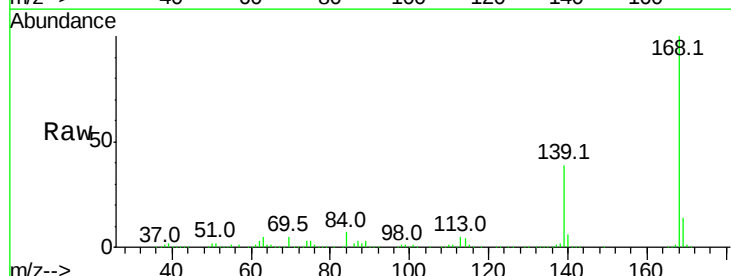
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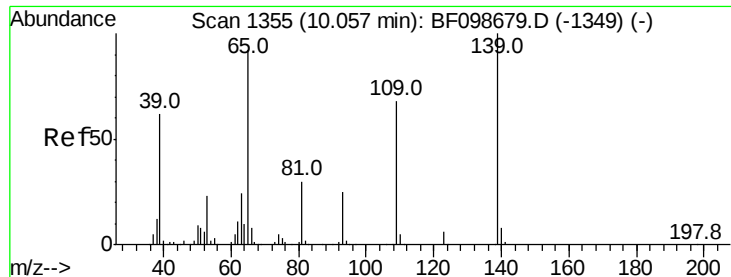
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#54
Dibenzofuran
Concen: 42.000 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1158706		
139	39.5	30.1	45.1	
169	14.0	10.9	16.3	





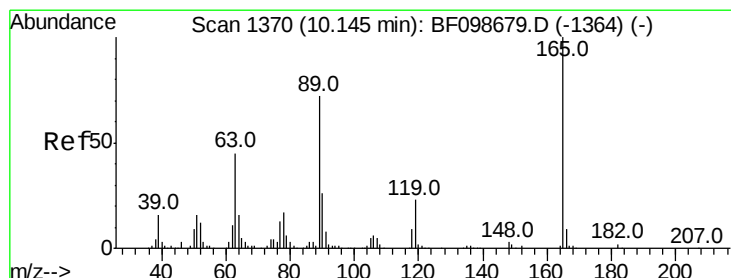
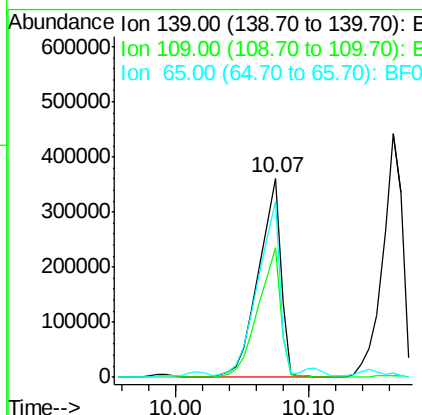
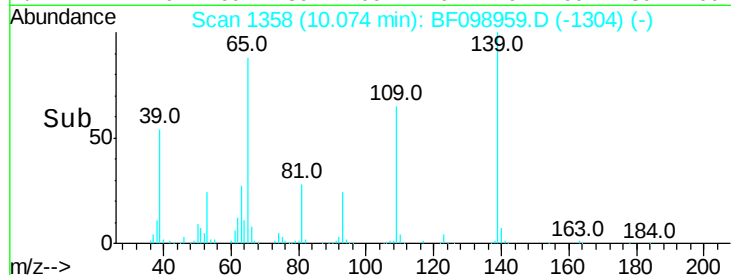
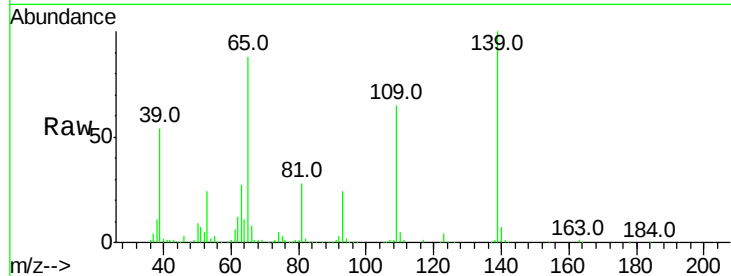
#55
4-Nitrophenol
Concen: 78.292 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampleId :
PB102773BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	419998		
109	65.0	48.4	88.4	
65	88.2	72.6	112.6	

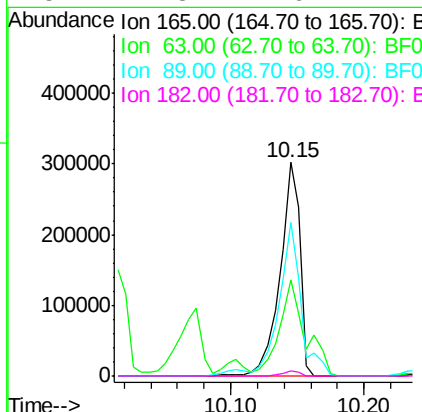
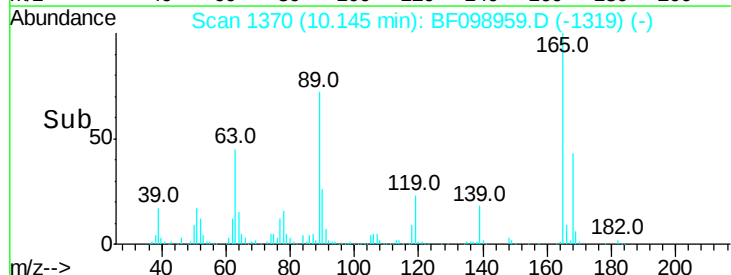
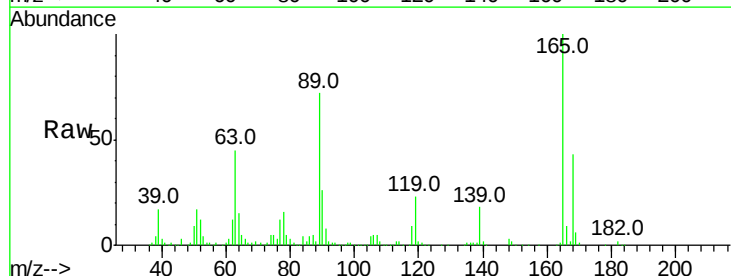
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#56
2,4-Dinitrotoluene
Concen: 45.075 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	318295		
63	45.0	36.4	54.6	
89	72.1	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 40.076 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

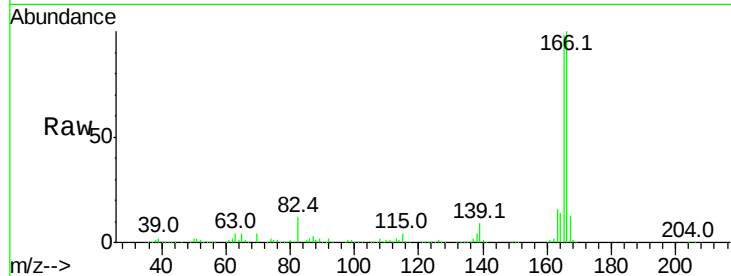
ClientSampleId :

PB102773BS

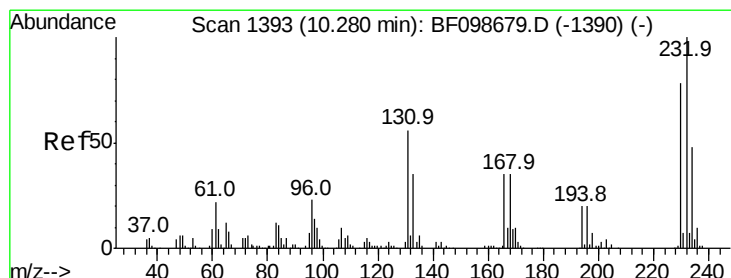
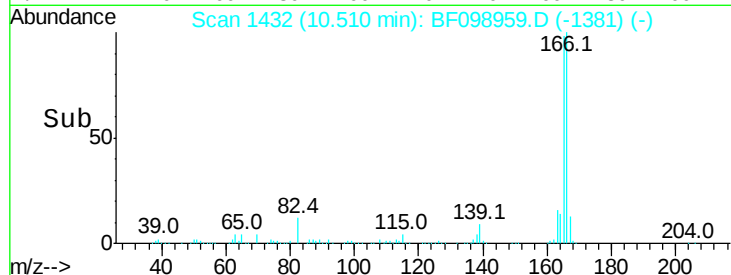
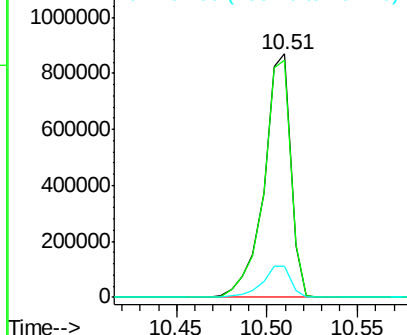
Tot Ion:	166	Resp:	888656
Ion Ratio	Lower	Upper	
166	100		
165	97.7	79.8	119.8
167	13.0	10.6	16.0

Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.227 ng

RT: 10.28 min Scan# 1393

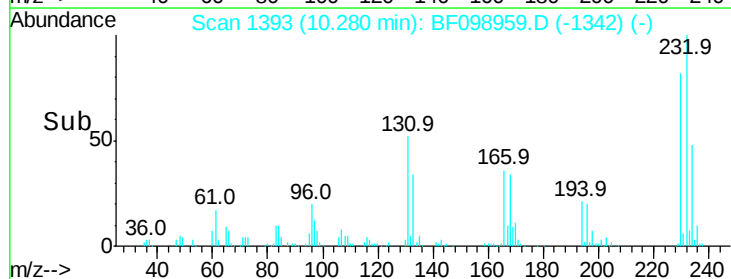
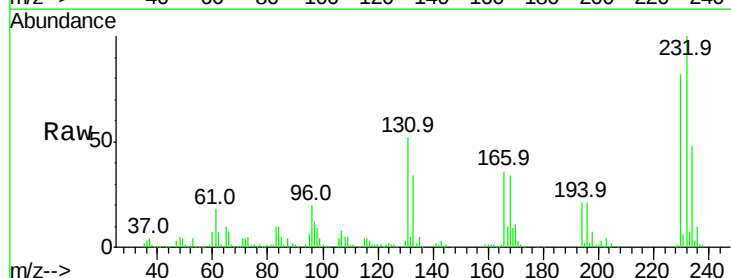
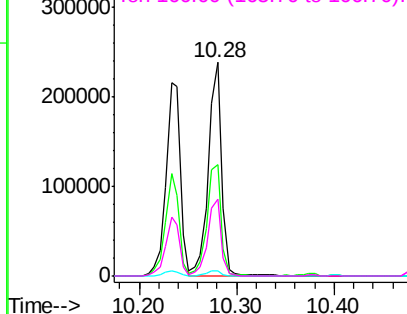
Delta R.T. -0.00 min

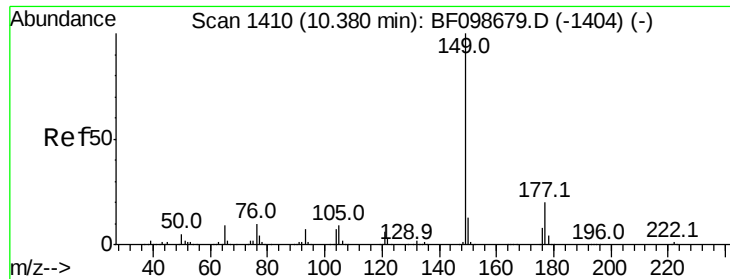
Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Tgt Ion:	232	Resp:	223018
Ion Ratio	Lower	Upper	
232	100		
131	55.1	43.8	65.8
130	2.8	2.1	3.1
166	37.1	27.8	41.6

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





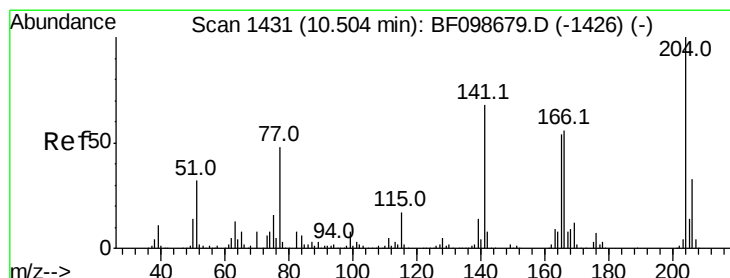
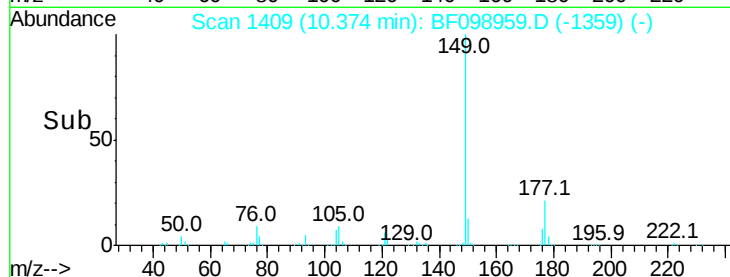
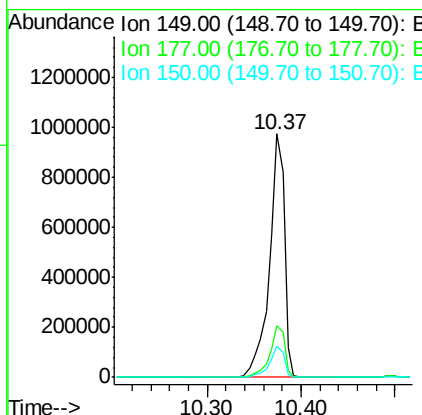
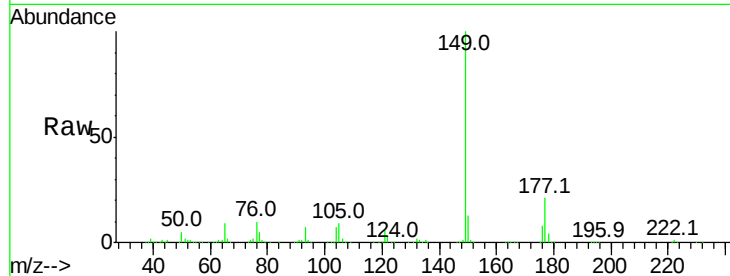
#59
Diethylphthalate
Concen: 43.873 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampleId :
PB102773BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	12.6	10.1	15.1

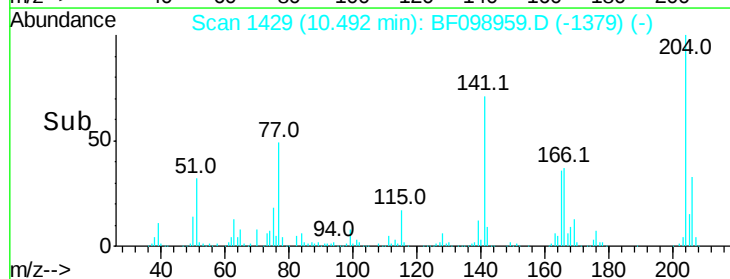
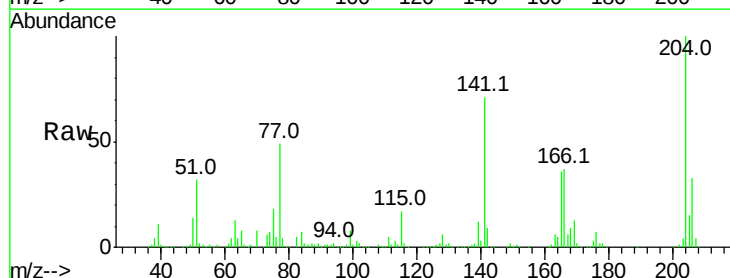
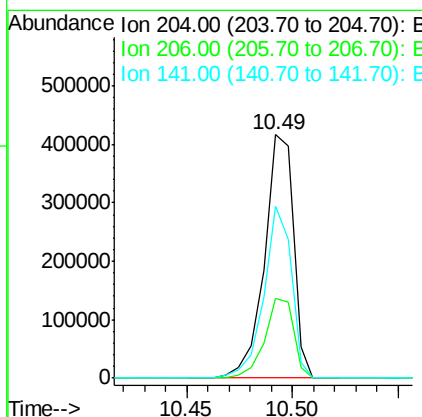
Manual Integrations
APPROVED

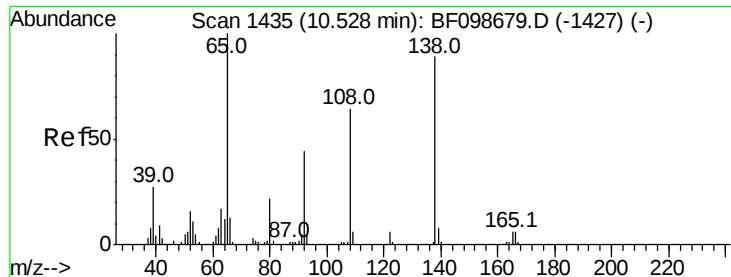
Sohil
10/2/2017 5:44:15 PM



#60
4-Chlorophenyl-phenylether
Concen: 40.168 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	70.5	54.6	81.8





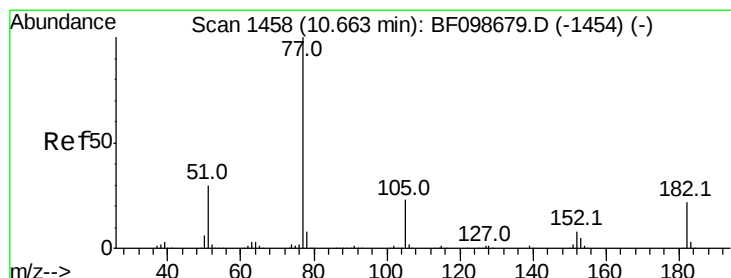
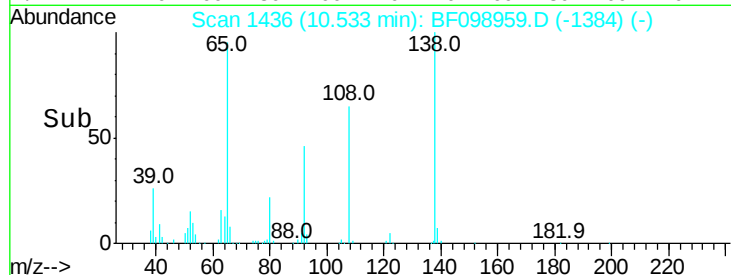
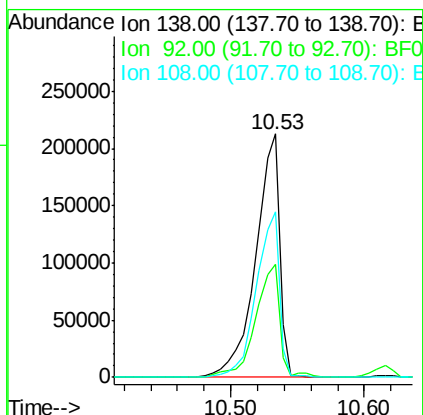
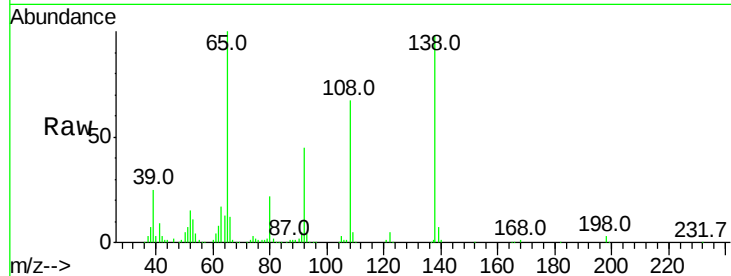
#61
4-Nitroaniline
Concen: 42.894 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampled :
PB102773BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.3	30.2	70.2
108	68.0	52.5	92.5

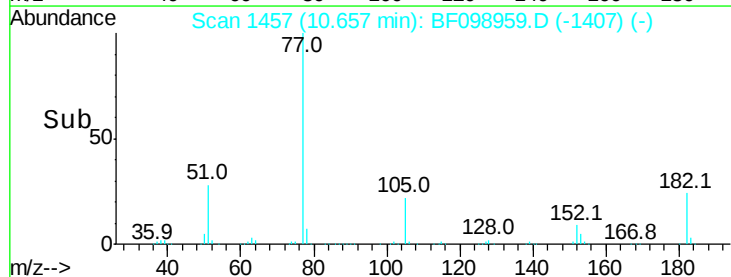
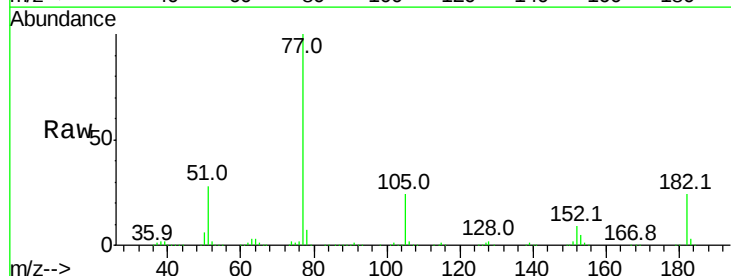
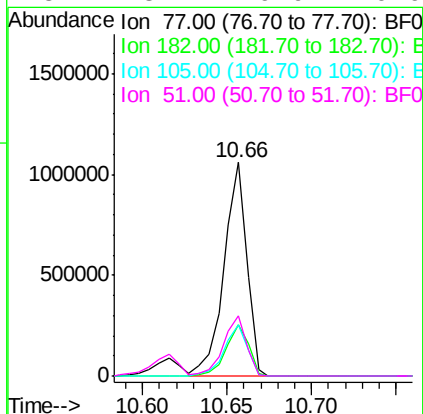
Manual Integrations
APPROVED

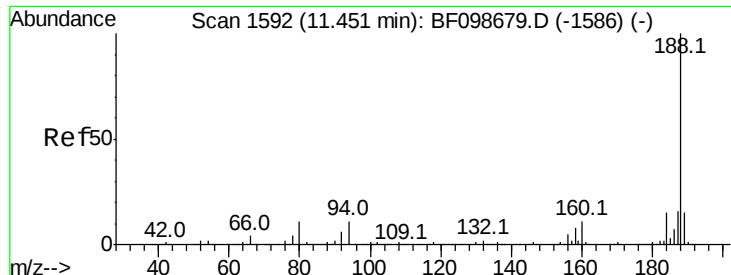
Sohil
10/2/2017 5:44:15 PM



#62
Azobenzene
Concen: 44.059 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.0	1.7	41.7
105	24.1	3.0	43.0
51	28.4	9.9	49.9





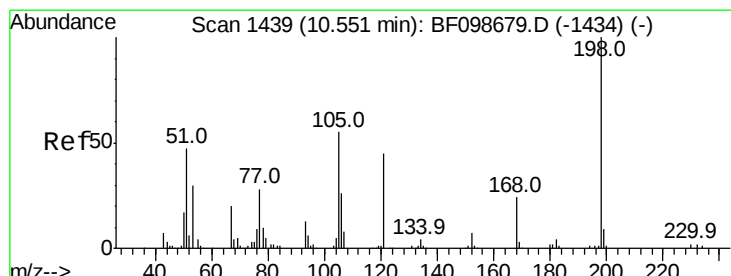
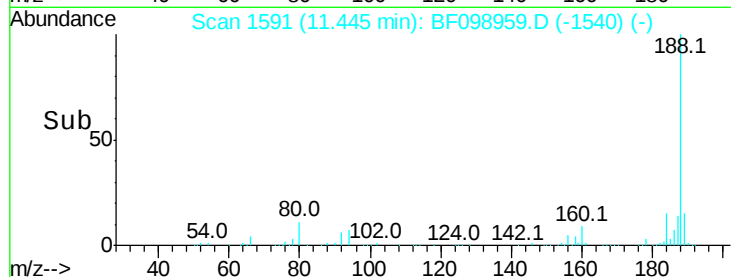
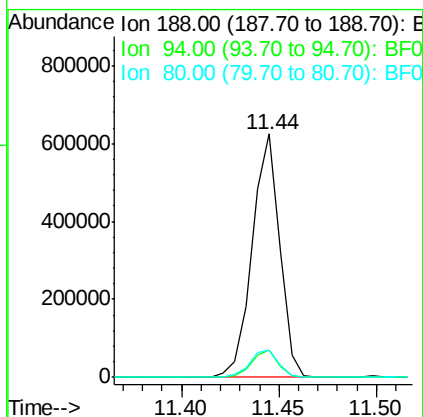
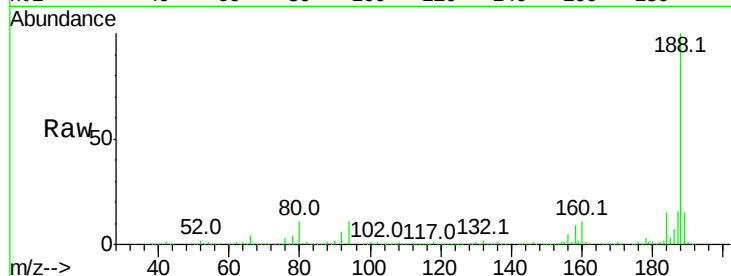
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.44 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.0	8.5	12.7
80	11.1	9.2	13.8

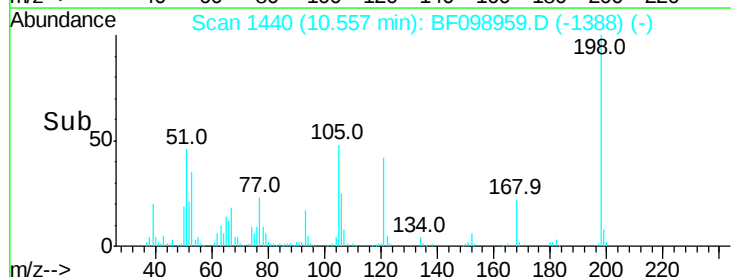
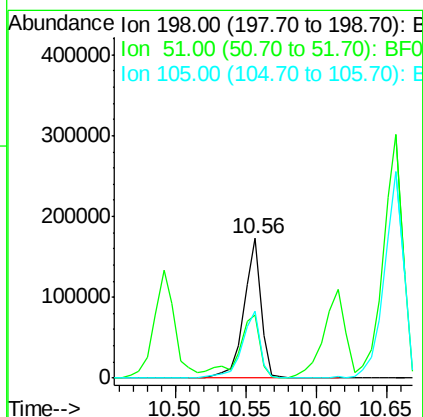
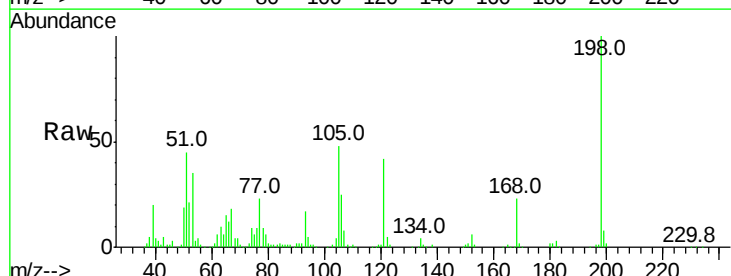
Manual Integrations
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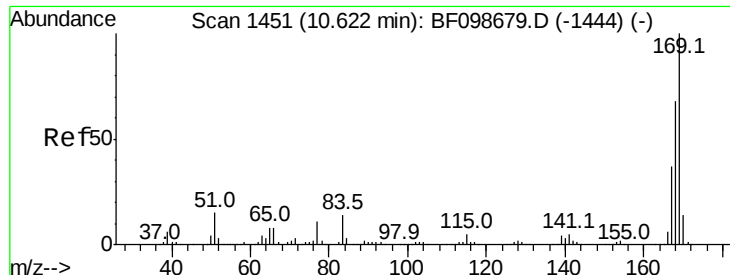
Sohil
 10/2/2017 5:44:15 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.300 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	45.5	37.7	77.7
105	48.0	36.3	76.3





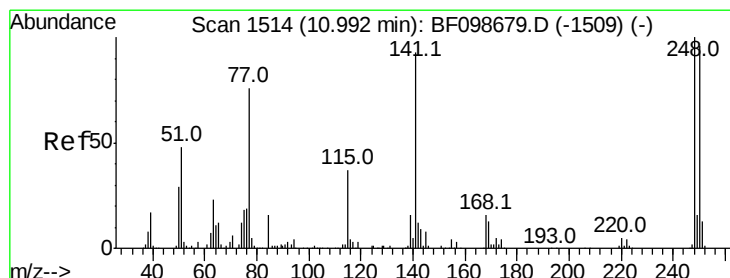
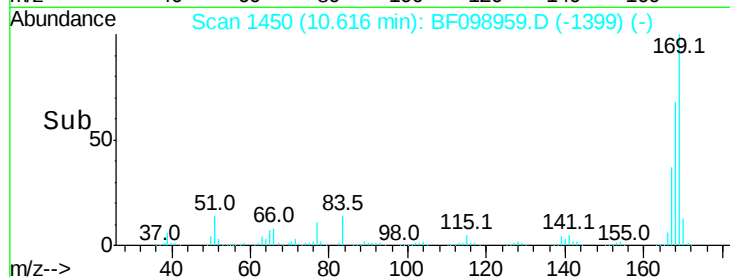
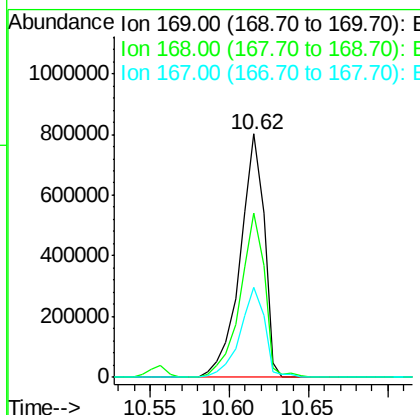
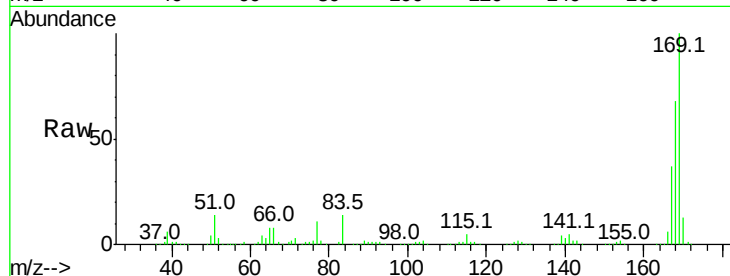
#65
 n-Nitrosodiphenylamine
 Concen: 39.997 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	843290		
168	67.6		54.4	81.6
167	37.2		29.8	44.6

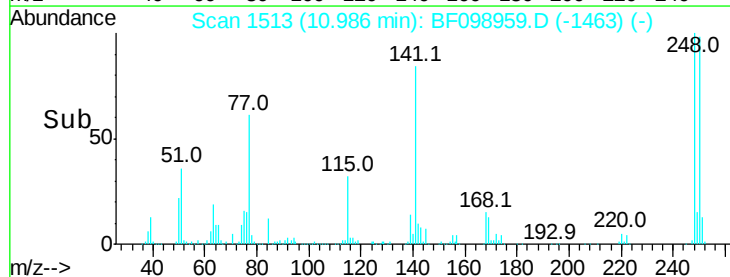
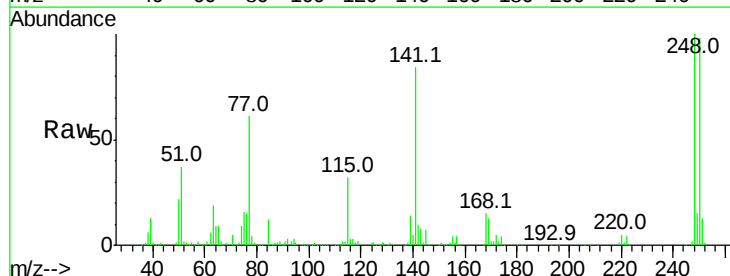
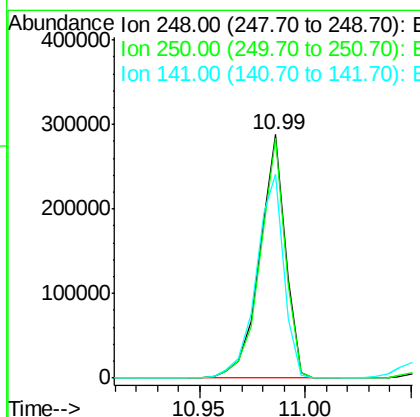
Manual Integrations
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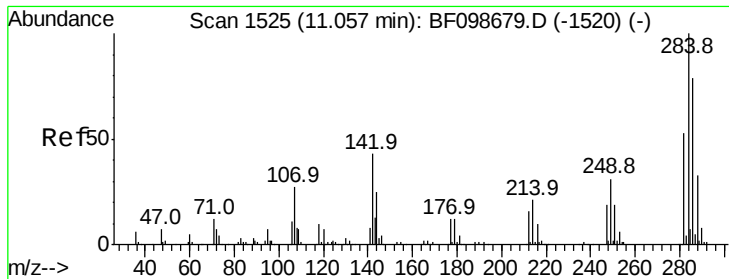
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 41.264 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	245816		
250	98.2		76.9	115.3
141	83.7		74.4	111.6





#67

Hexachlorobenzene

Concen: 38.556 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

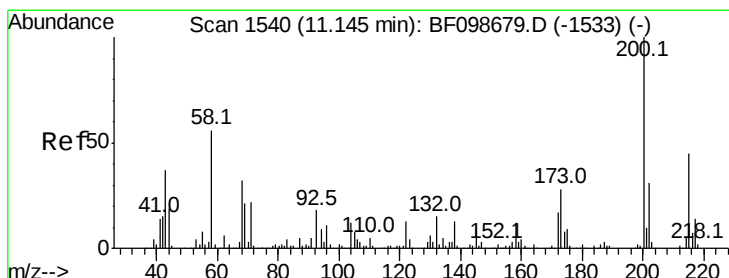
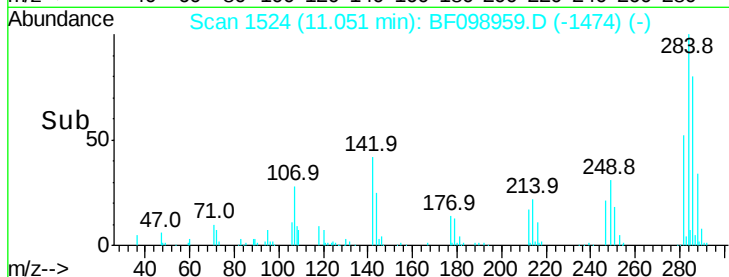
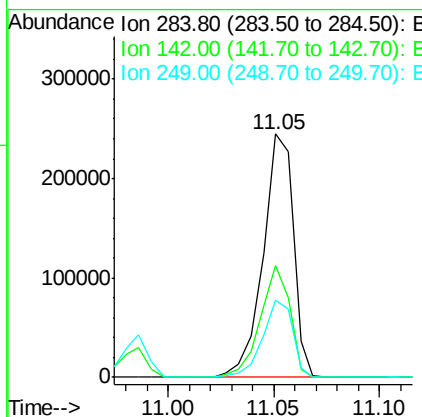
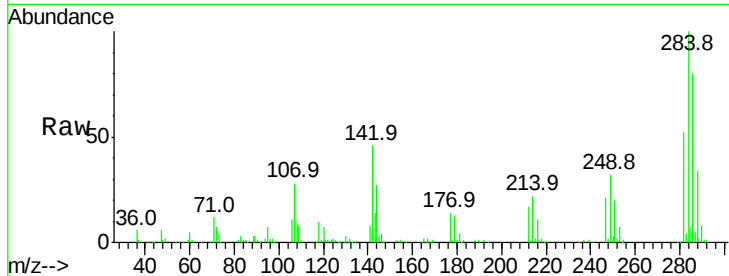
ClientSampleId :

PB102773BS

Tot Ion:	284	Resp:	245317
Ion Ratio		Lower	Upper
284	100		
142	45.7	34.6	52.0
249	31.9	24.8	37.2

Manual Integrations
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#68

Atrazine

Concen: 43.447 ng

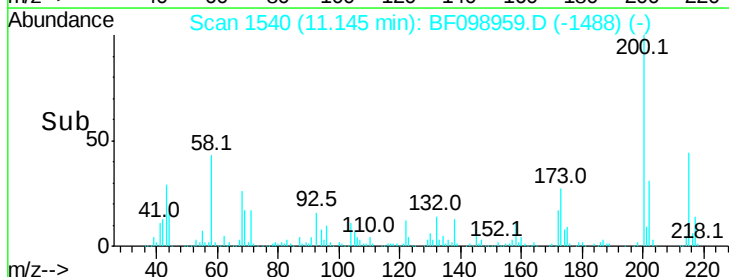
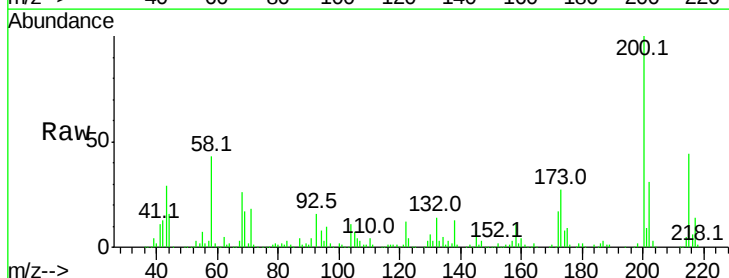
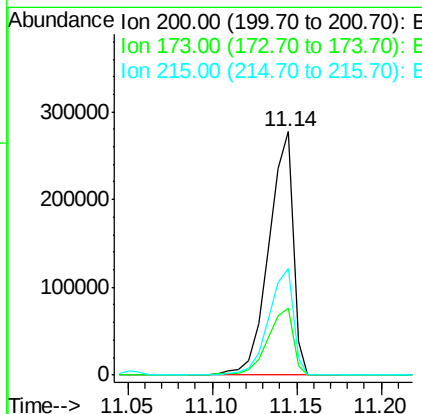
RT: 11.14 min Scan# 1540

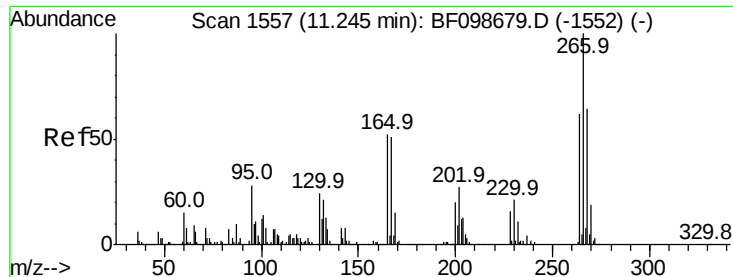
Delta R.T. 0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Tgt Ion:	200	Resp:	275605
Ion Ratio		Lower	Upper
200	100		
173	27.4	8.6	48.6
215	44.1	25.1	65.1





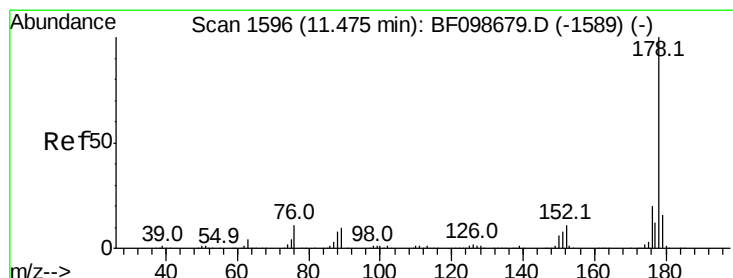
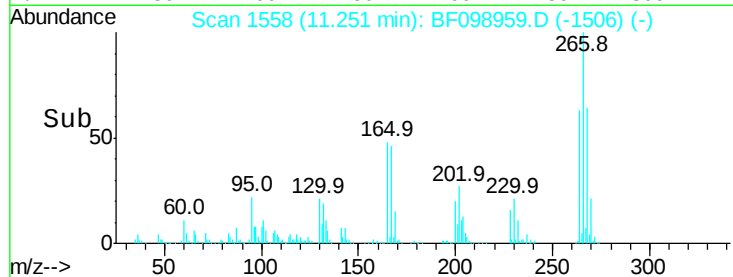
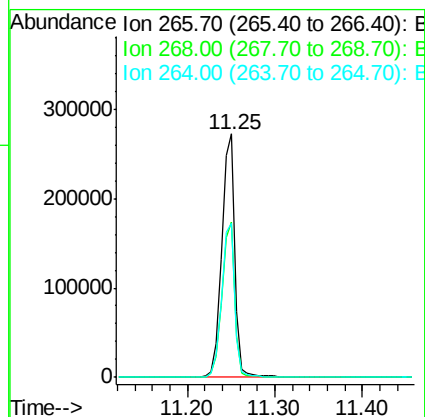
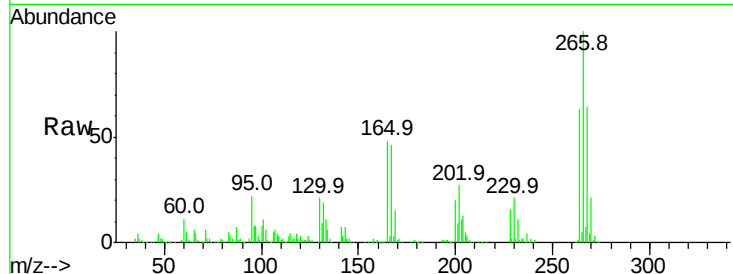
#69
 Pentachlorophenol
 Concen: 71.510 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	283165		
268	63.6	51.1	76.7	
264	63.4	49.5	74.3	

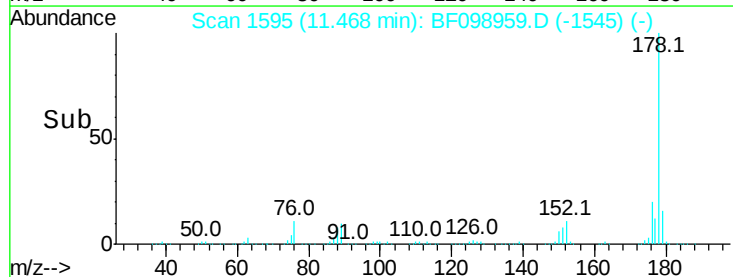
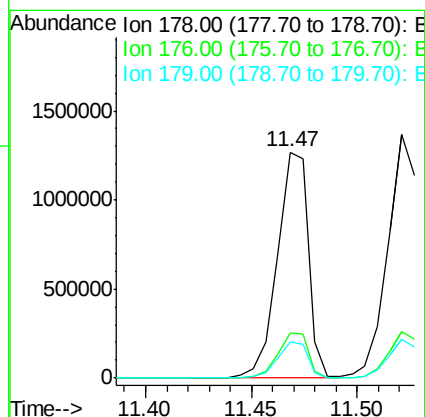
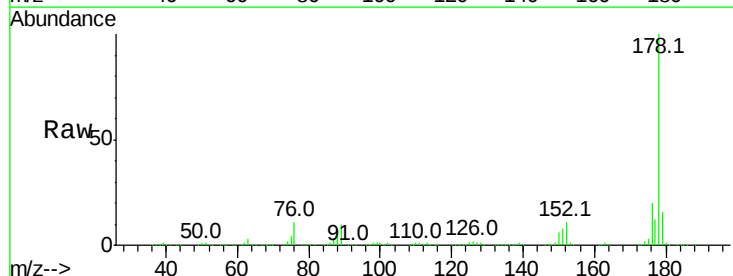
Manual Integrations
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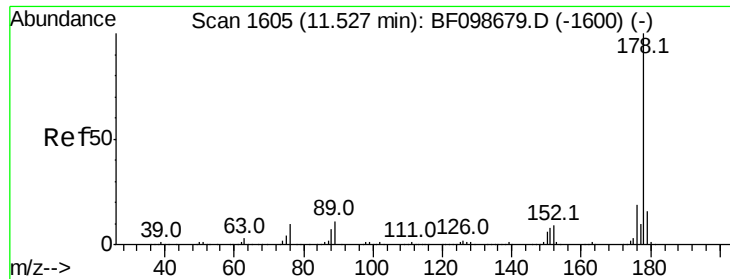
Sohil
 10/2/2017 5:44:15 PM



#70
 Phenanthrene
 Concen: 39.838 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1297805		
176	20.2	15.8	23.8	
179	15.9	13.0	19.6	





#71
 Anthracene
 Concen: 40.511 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

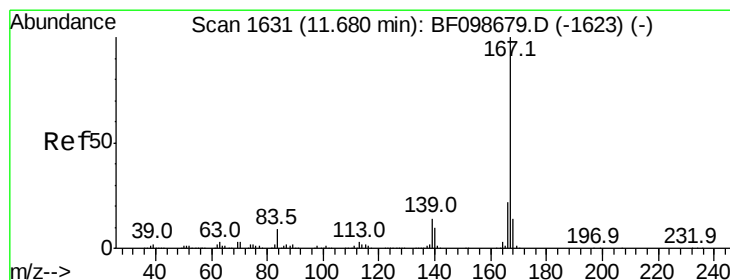
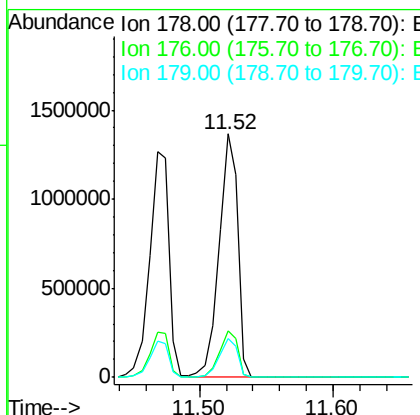
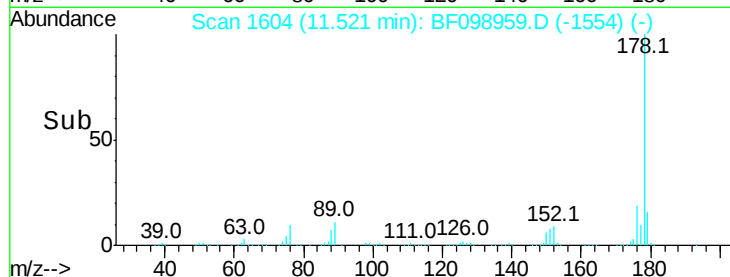
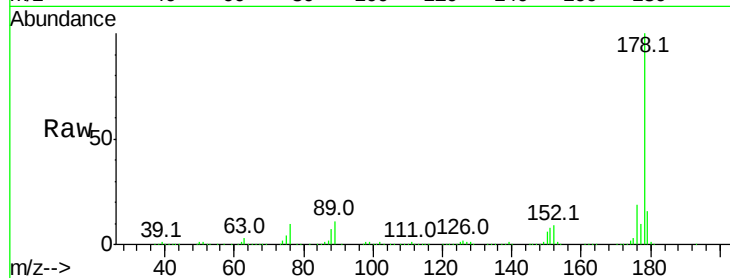
Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

Tot Ion:178 Resp: 1350315

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.6	19.0

Manual Integrations
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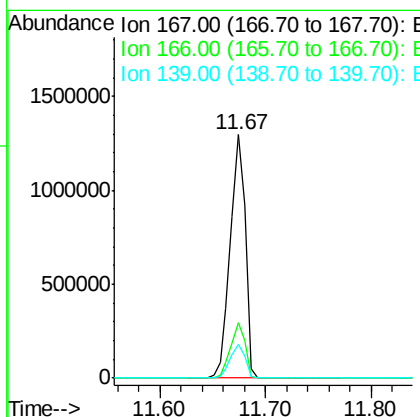
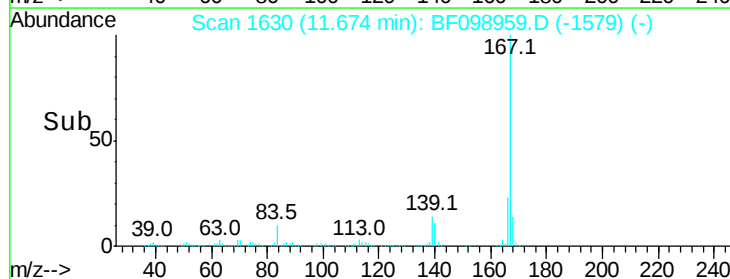
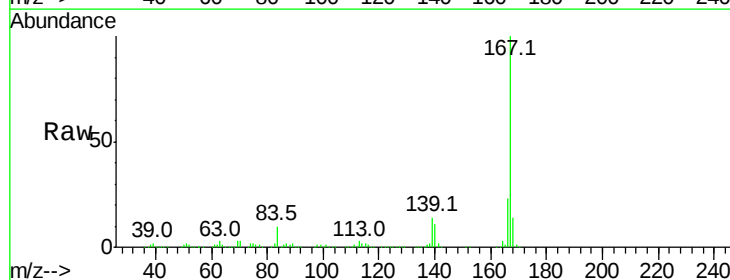
Sohil
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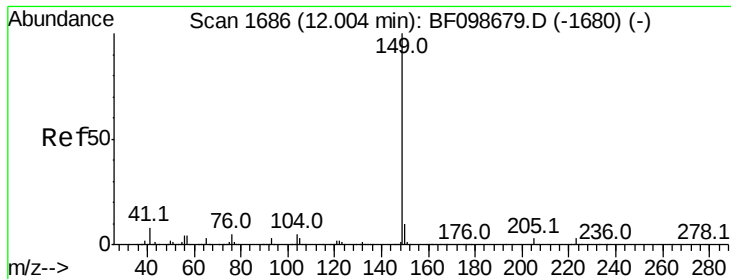


#72
 Carbazole
 Concen: 39.248 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Tgt Ion:167 Resp: 1281101

Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.6	26.4
139	13.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 41.775 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

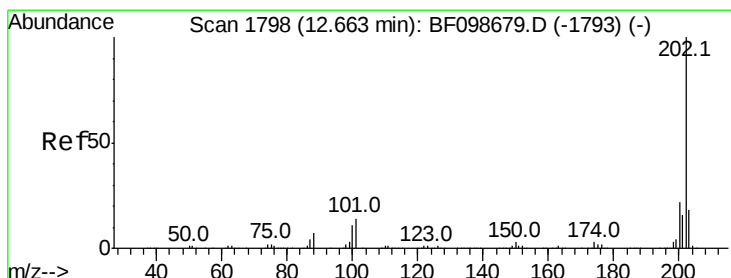
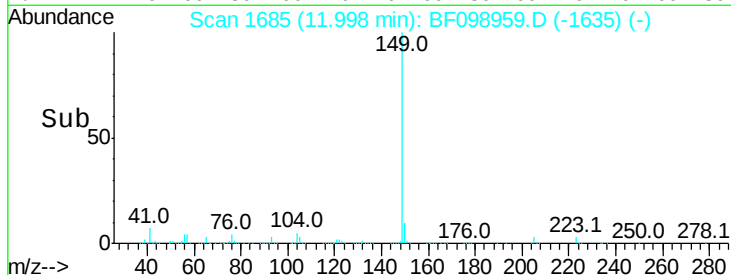
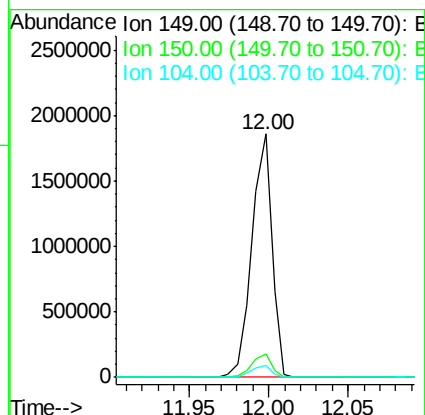
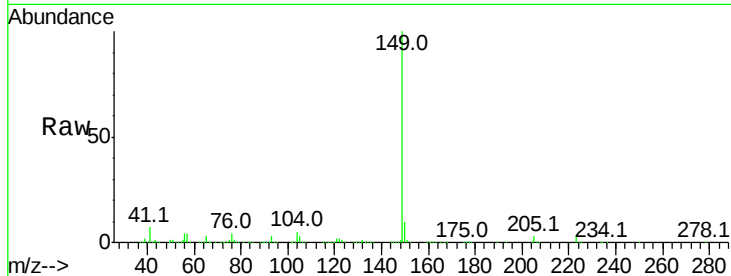
ClientSampleId :

PB102773BS

Tot Ion:	149	Resp:	1641305
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.6
104	4.8	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 40.963 ng

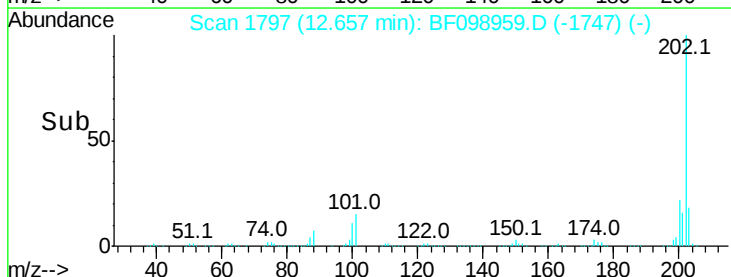
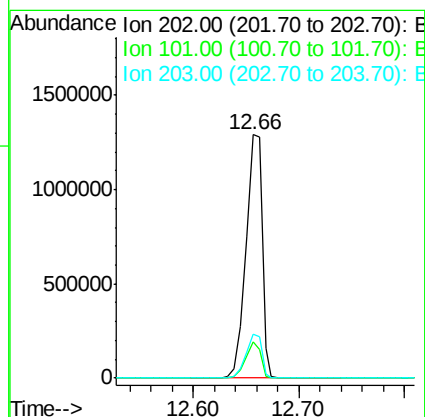
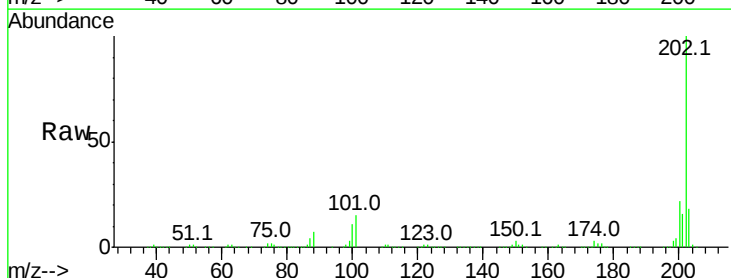
RT: 12.66 min Scan# 1797

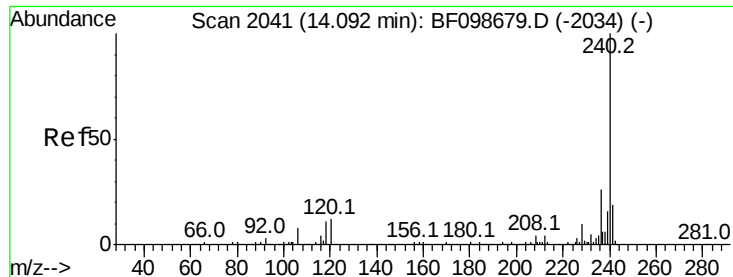
Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Tgt Ion:	202	Resp:	1351263
Ion Ratio	Lower	Upper	
202	100		
101	14.9	0.0	34.1
203	18.1	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

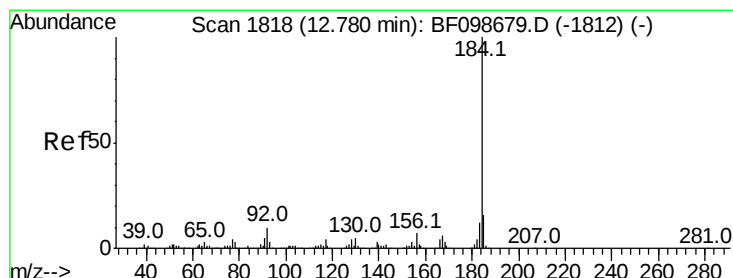
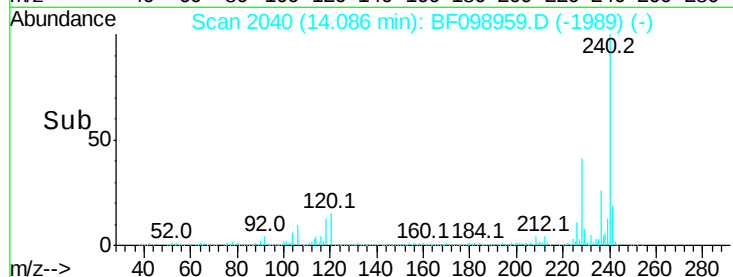
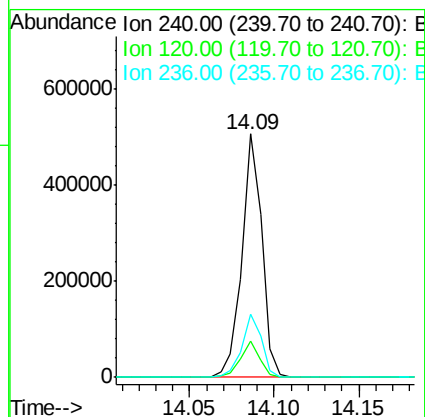
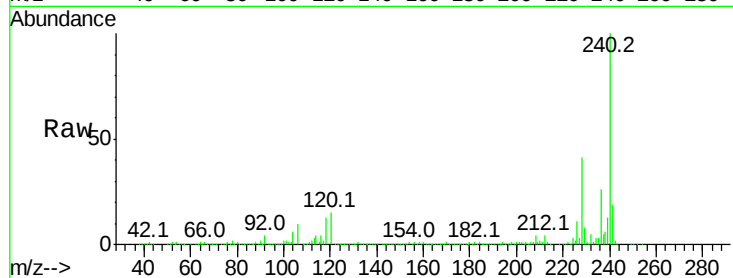
ClientSampleId :

PB102773BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.2	9.5	14.3#
236	25.8	20.7	31.1

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#76

Benzidine

Concen: 37.174 ng

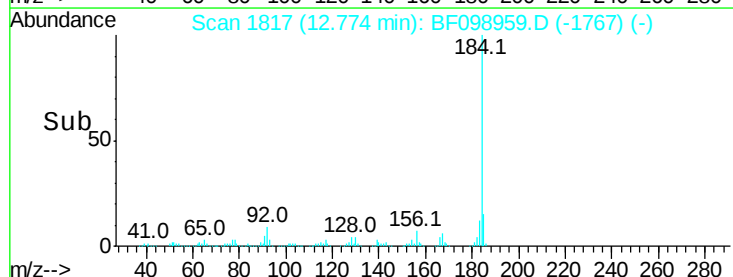
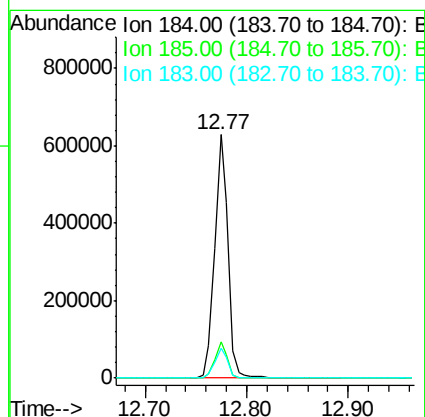
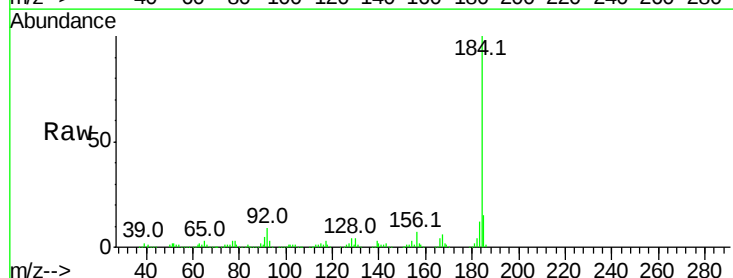
RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098959.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	12.2	9.3	13.9





#77

Pvrene

Concen: 42.598 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

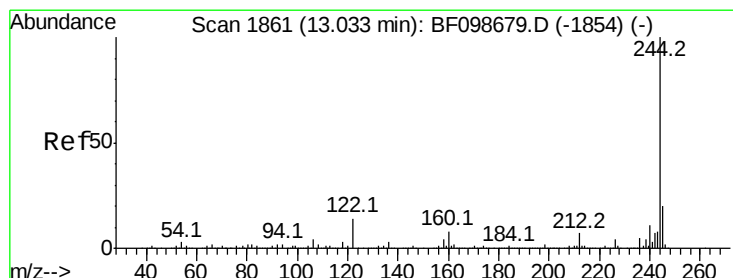
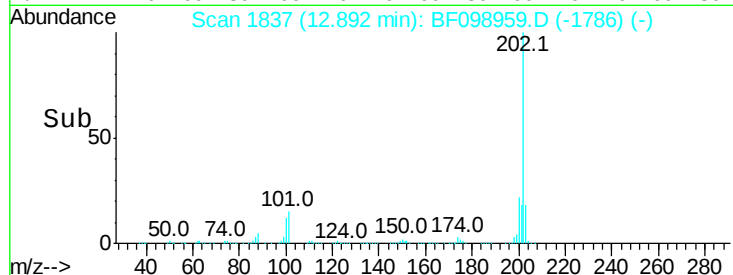
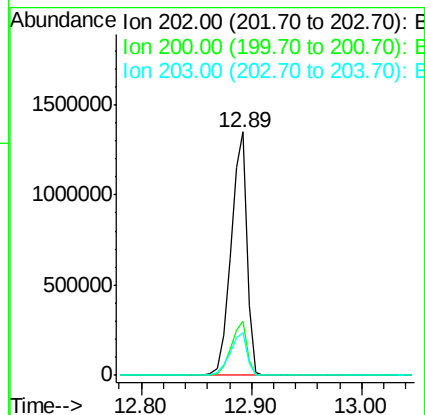
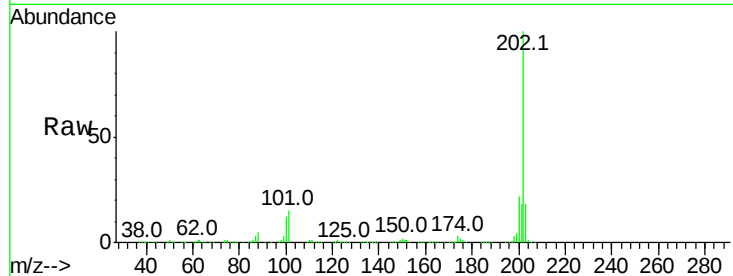
ClientSampleId :

PB102773BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.4	26.2
203	17.6	14.3	21.5

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#78

Terphenyl-d14

Concen: 84.066 ng

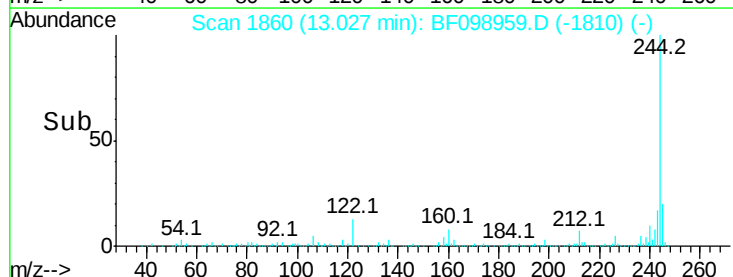
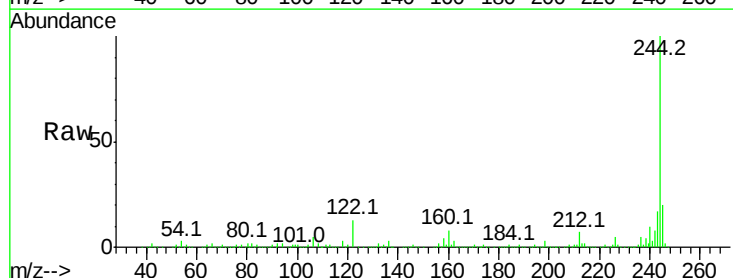
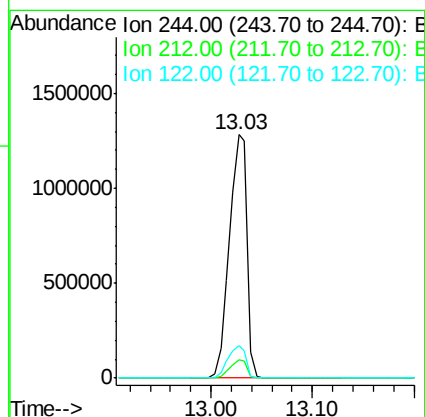
RT: 13.03 min Scan# 1860

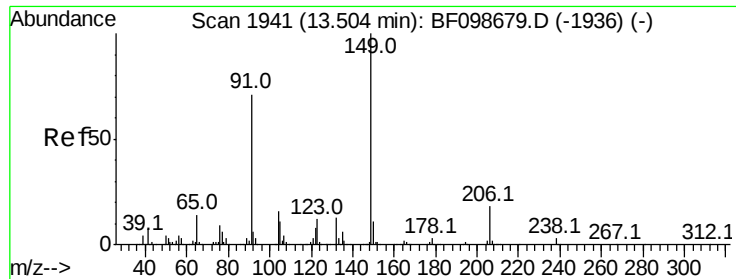
Delta R.T. -0.01 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	13.3	11.0	16.4





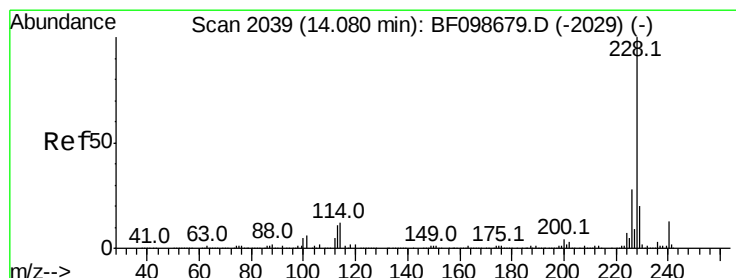
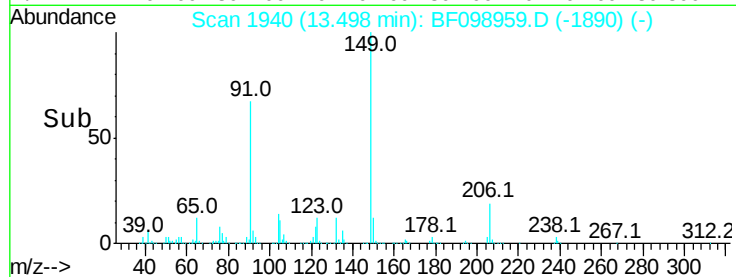
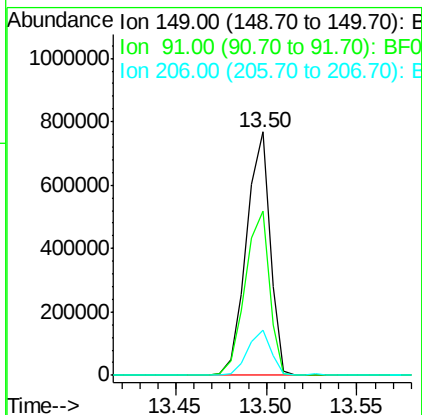
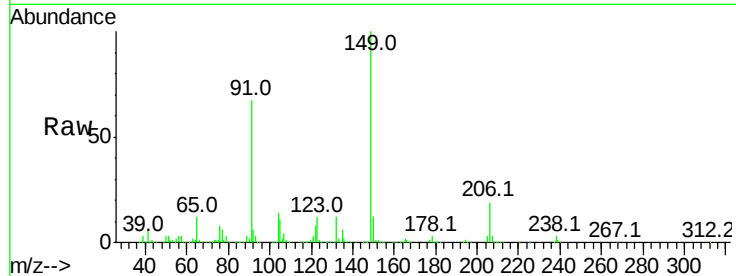
#79
Butylbenzylphthalate
Concen: 46.641 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampleId :
PB102773BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	697443		
91	67.4	56.8	85.2	
206	18.8	14.1	21.1	

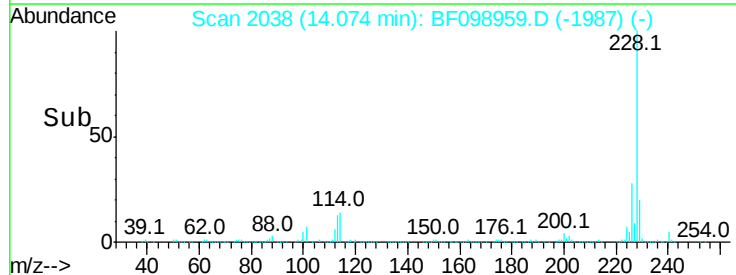
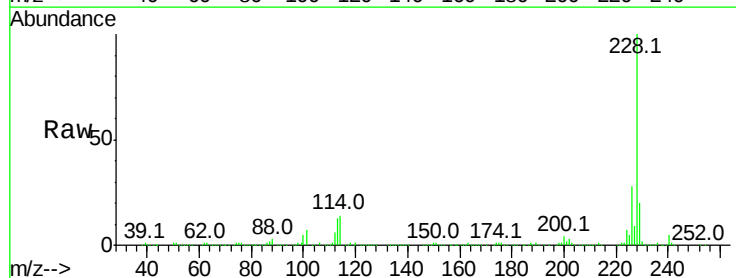
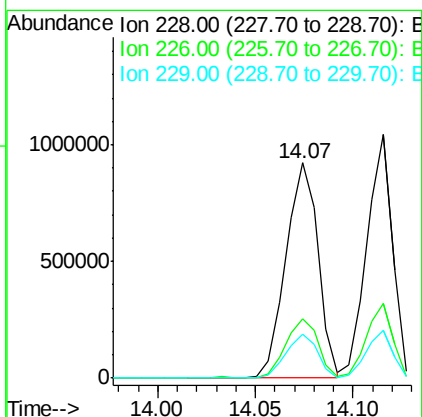
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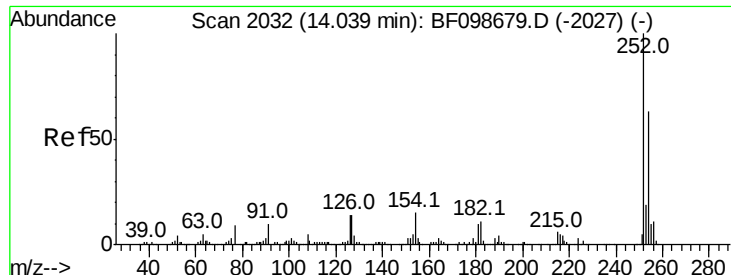
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#80
Benzo(a)anthracene
Concen: 41.554 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1049916		
226	27.8	22.6	33.8	
229	20.4	15.8	23.6	





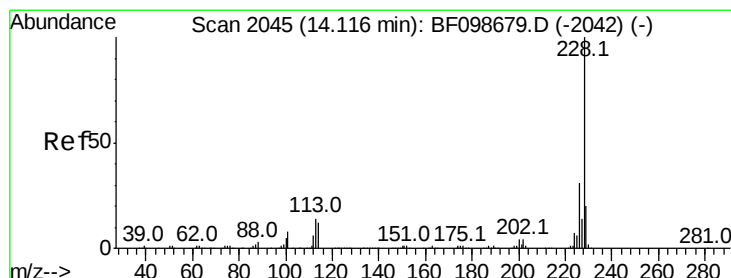
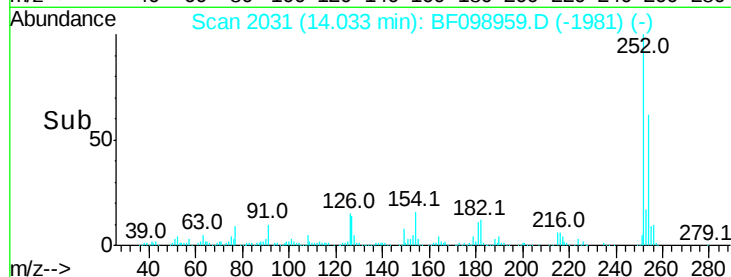
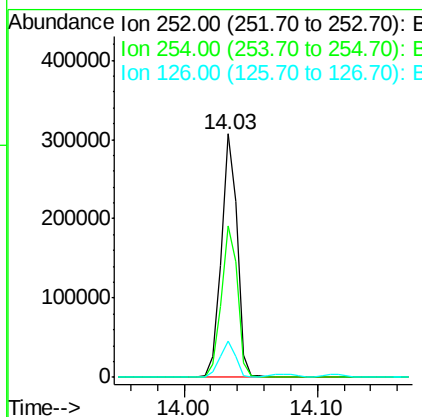
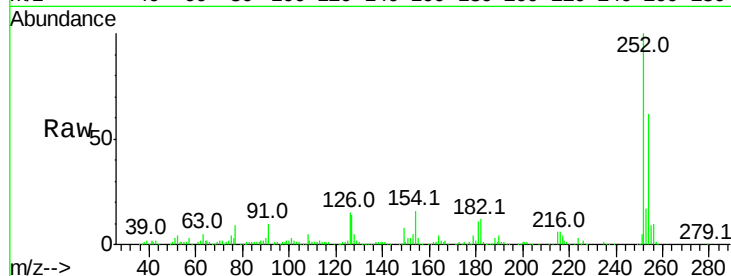
#81
 3,3'-Dichlorobenzidine
 Concen: 28.065 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	259946		
254	62.2		50.4	75.6
126	14.8		11.3	16.9

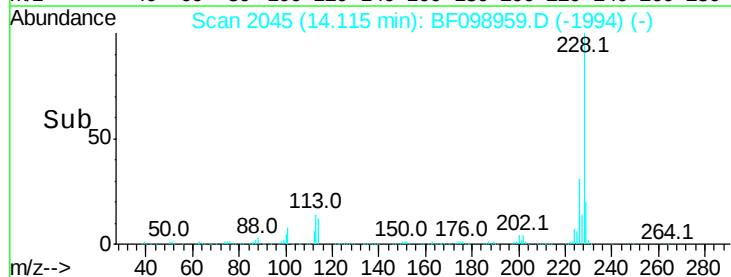
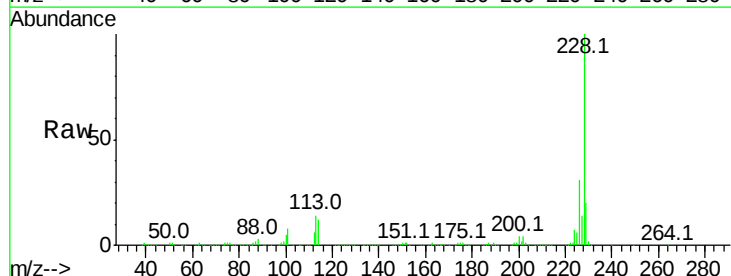
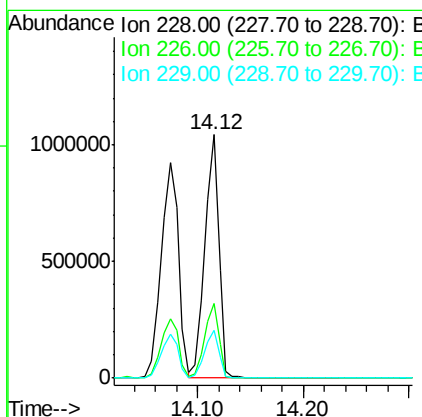
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#82
 Chrysene
 Concen: 39.923 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	960328		
226	30.7		25.0	37.6
229	19.8		16.2	24.4





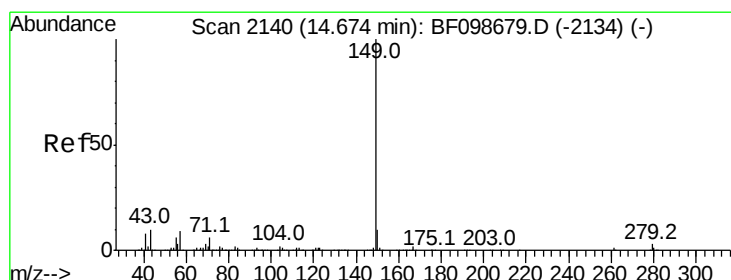
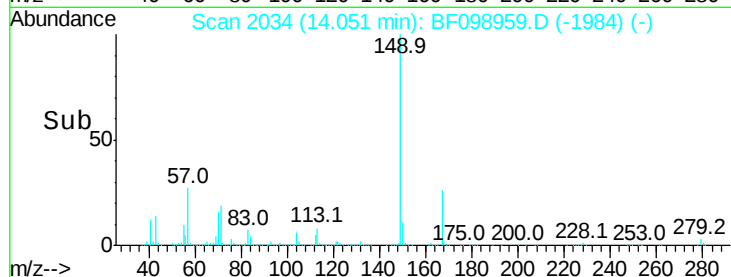
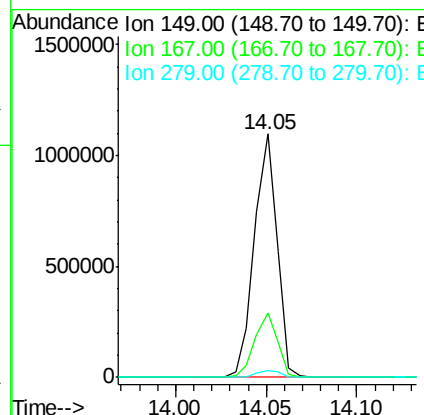
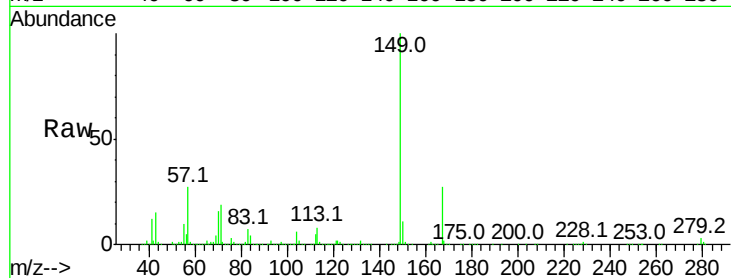
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.470 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.5	21.3	31.9
279	2.9	3.0	4.4#

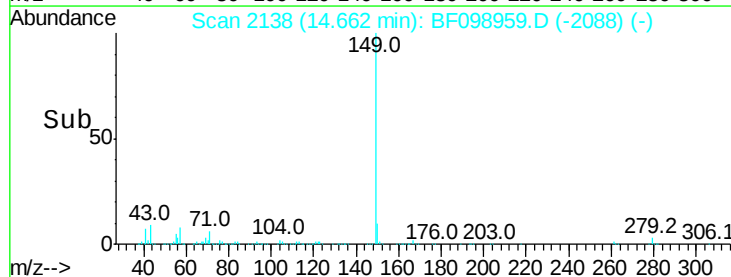
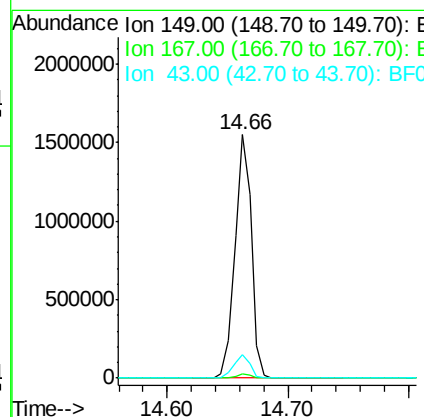
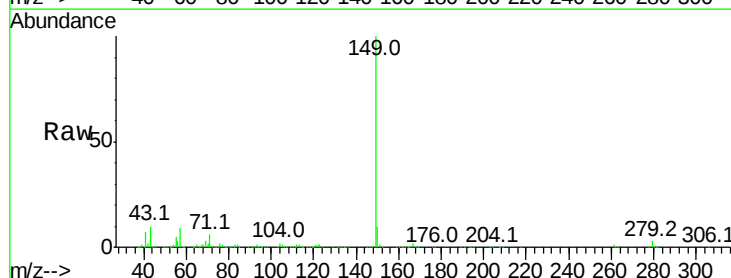
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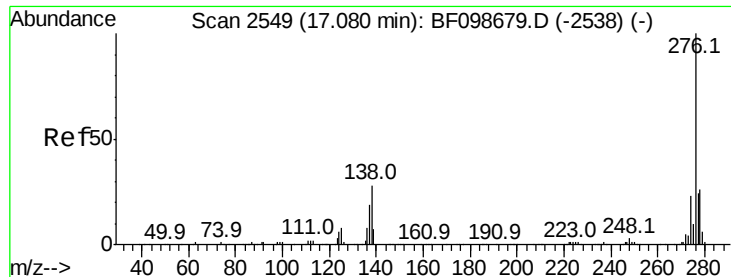
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#84
 Di-n-octyl phthalate
 Concen: 43.990 ng
 RT: 14.66 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.5	8.4	12.6





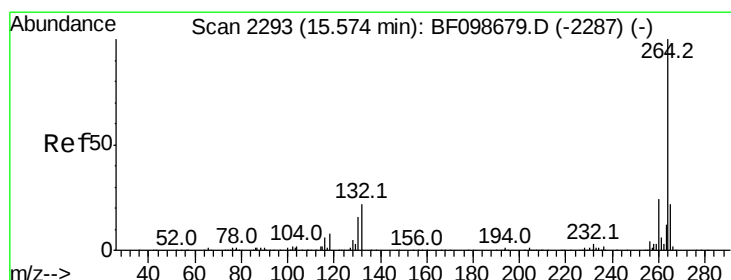
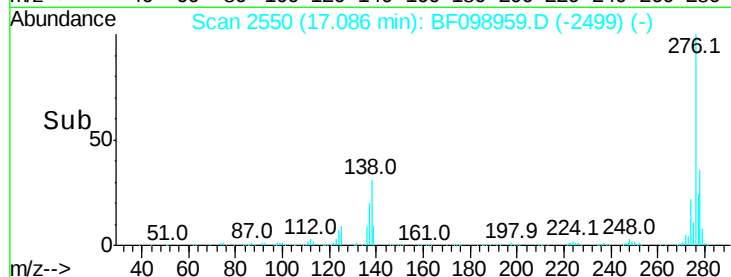
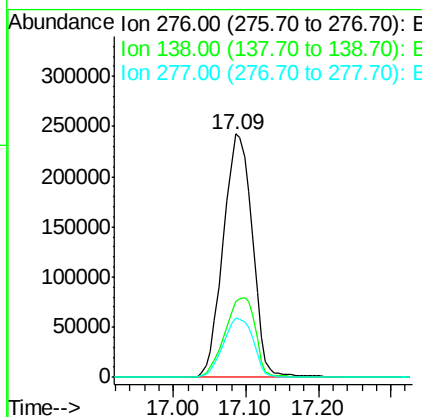
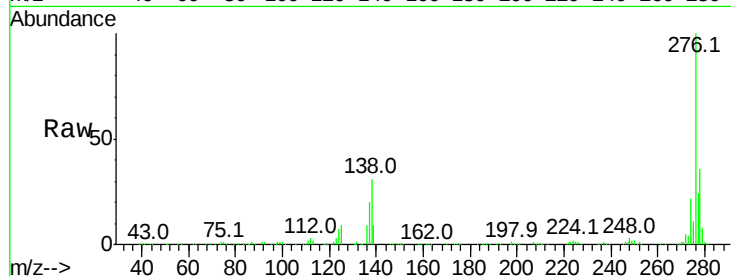
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.340 ng
 RT: 17.09 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	25.0	37.6
277	25.3	20.1	30.1

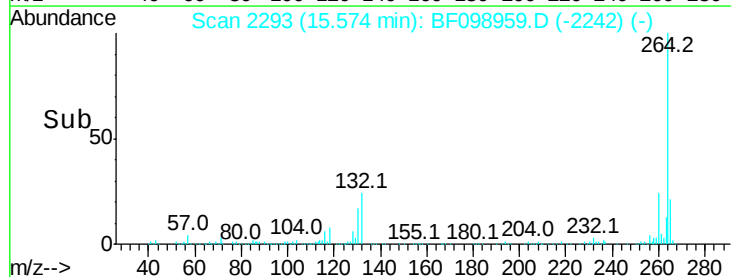
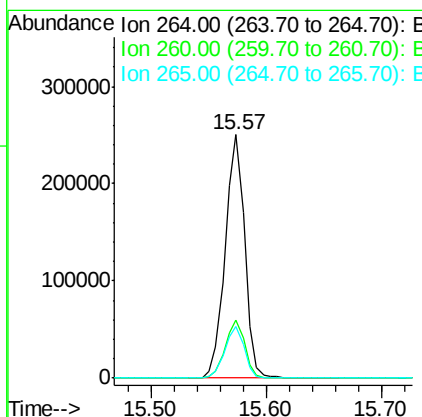
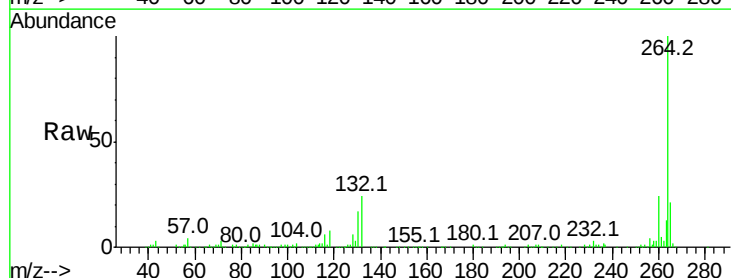
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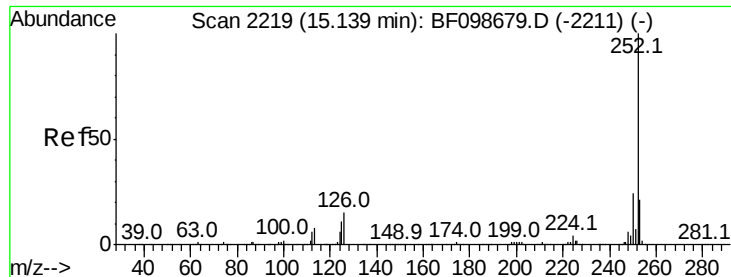
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.3	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 43.812 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.00 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Instrument :

BNA_F

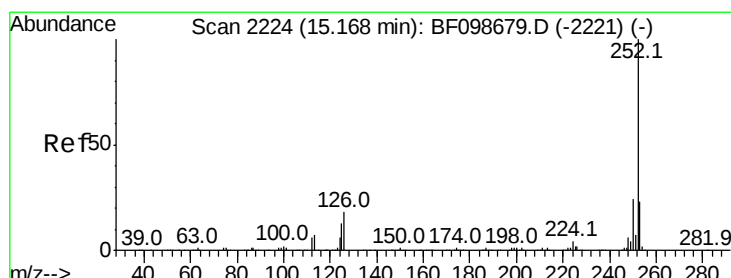
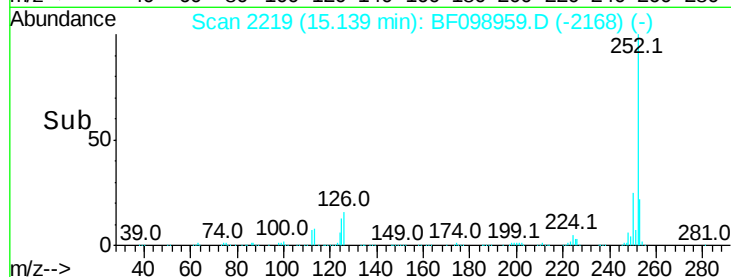
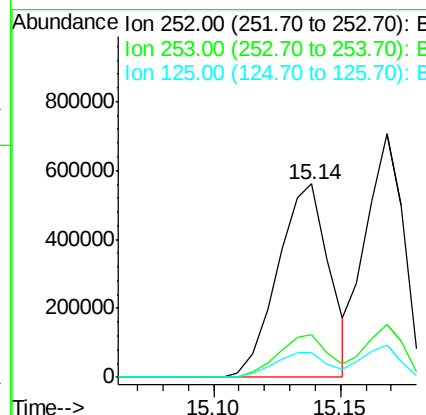
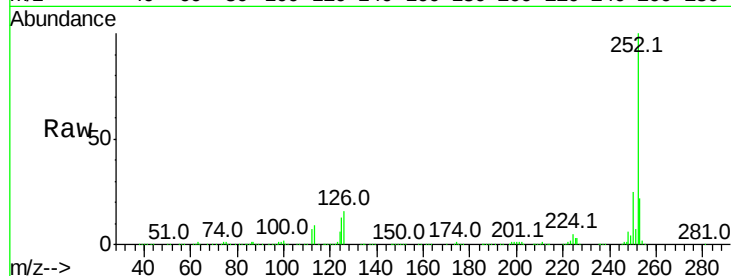
ClientSampleId :

PB102773BS

Tot Ion:	252	Resp:	791882
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.0	25.6
125	12.7	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 41.780 ng

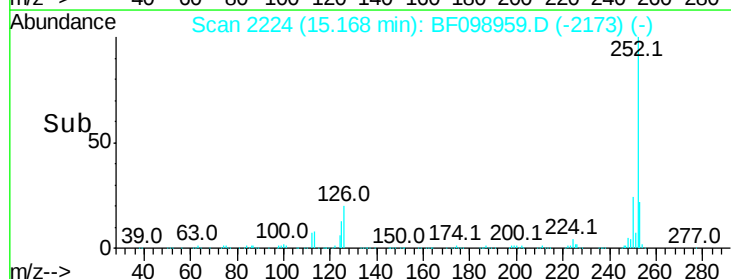
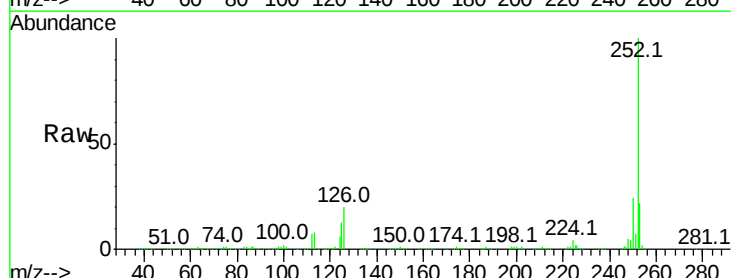
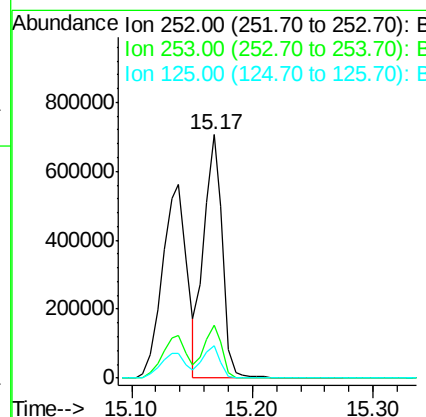
RT: 15.17 min Scan# 2224

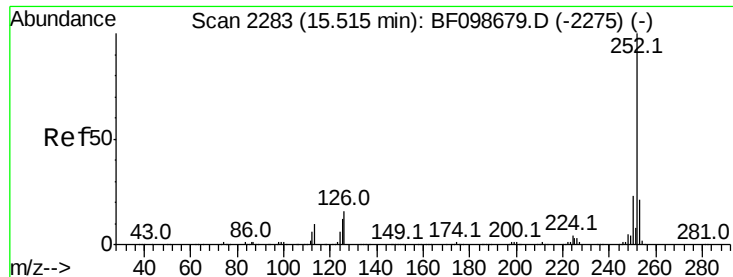
Delta R.T. -0.00 min

Lab File: BF098959.D

Acq: 30 Sep 2017 13:36

Tgt Ion:	252	Resp:	745853
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	13.4	10.2	15.2





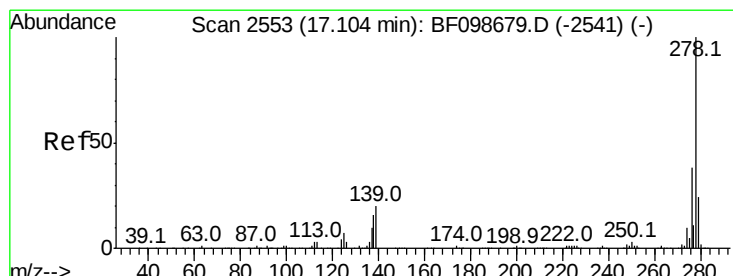
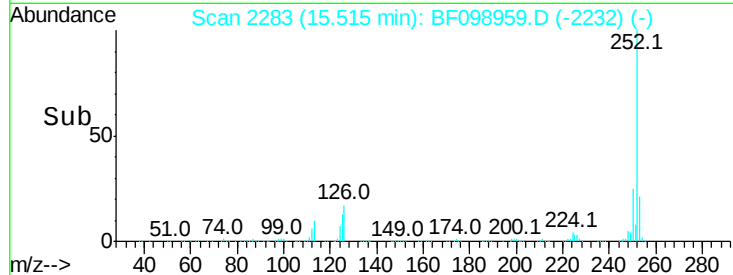
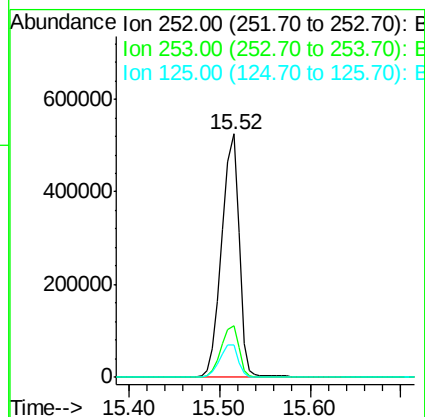
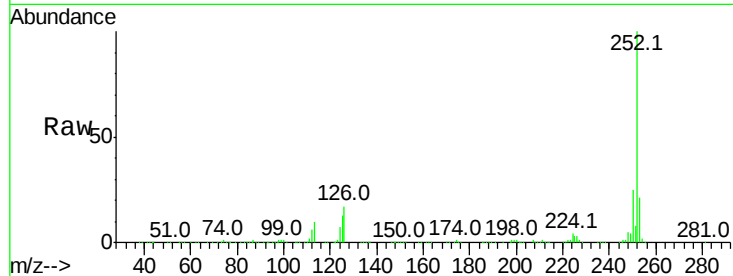
#89
Benzo(a)pyrene
Concen: 42.341 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Instrument :
BNA_F
ClientSampleId :
PB102773BS

Tot Ion:	252	Resp:	702482
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.1	25.7
125	13.3	9.8	14.6

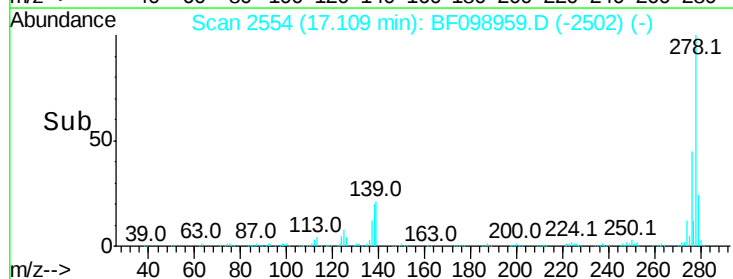
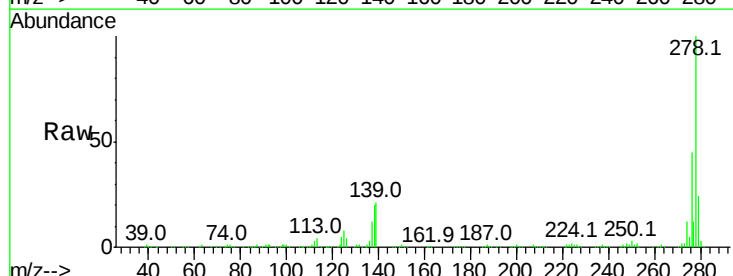
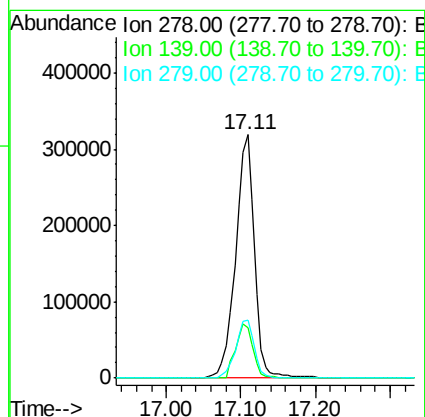
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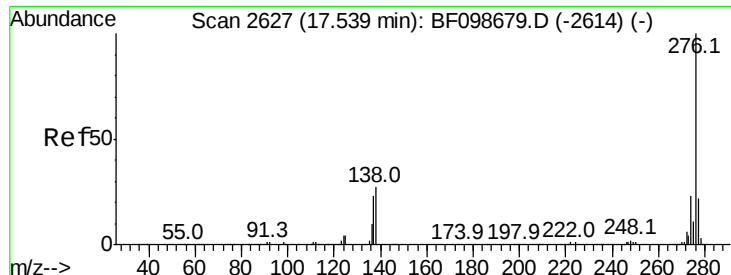
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#90
Dibenzo(a,h)anthracene
Concen: 42.317 ng
RT: 17.11 min Scan# 2554
Delta R.T. 0.01 min
Lab File: BF098959.D
Acq: 30 Sep 2017 13:36

Tgt Ion:	278	Resp:	561866
Ion Ratio	Lower	Upper	
278	100		
139	20.9	15.9	23.9
279	24.0	19.0	28.4





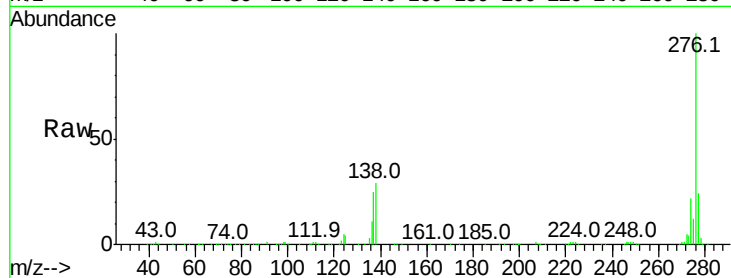
#91
 Benzo(a,h,i)perylene
 Concen: 43.232 ng
 RT: 17.55 min Scan# 2629
 Delta R.T. 0.01 min
 Lab File: BF098959.D
 Acq: 30 Sep 2017 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB102773BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	29.3	21.8	32.8

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

