

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098855.D
 Acq On : 27 Sep 2017 11:28
 Operator : SJ/JU
 Sample : PB102634BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102634BS

Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:09 PM

Quant Time: Sep 28 02:20:15 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	141004	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	598384	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	281307	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	490883	20.00	ng	0.00
75) Chrysene-d12	14.08	240	295104	20.00	ng	0.00
86) Perylene-d12	15.57	264	255297	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1140036	128.71	ng	0.00
7) Phenol-d6	6.55	99	1383048	126.57	ng	0.00
23) Nitrobenzene-d5	7.48	82	837560	89.76	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	299556	130.14	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1528022	90.68	ng	0.00
78) Terphenyl-d14	13.03	244	1296340	99.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.81	88	158121	37.371	ng	98
3) Pyridine	3.57	79	470659	41.120	ng	97
4) n-Nitrosodimethylamine	3.53	42	193592	39.885	ng	92
6) Aniline	6.58	93	414849	28.130	ng	99
8) 2-Chlorophenol	6.70	128	426304	42.499	ng	98
9) Benzaldehyde	6.46	77	90482	14.275	ng	99
10) Phenol	6.56	94	534092	43.705	ng	98
11) bis(2-Chloroethyl)ether	6.65	93	406638	42.803	ng	100
12) 1,3-Dichlorobenzene	6.86	146	447843	42.631	ng	99
13) 1,4-Dichlorobenzene	6.93	146	451311	42.225	ng	98
14) 1,2-Dichlorobenzene	7.09	146	418714	42.397	ng	99
15) Benzyl Alcohol	7.06	79	362255	45.191	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	630839	42.620	ng	99
17) 2-Methylphenol	7.16	107	366131	44.609	ng	97
18) Hexachloroethane	7.43	117	159803	41.596	ng	97
19) n-Nitroso-di-n-propylamine	7.33	70	287650	41.232	ng	97
20) 3+4-Methylphenols	7.32	107	443492	42.713	ng	# 86
22) Acetophenone	7.32	105	567197	39.123	ng	98
24) Nitrobenzene	7.50	77	435467	41.142	ng	98
25) Isophorone	7.73	82	806602	41.811	ng	99
26) 2-Nitrophenol	7.81	139	229172	45.025	ng	97
27) 2,4-Dimethylphenol	7.85	122	405569	42.193	ng	98
28) bis(2-Chloroethoxy)methane	7.95	93	521274	43.360	ng	99
29) 2,4-Dichlorophenol	8.05	162	363408	44.034	ng	99
30) 1,2,4-Trichlorobenzene	8.14	180	355361	43.052	ng	100
31) Naphthalene	8.22	128	1197024	42.593	ng	100
32) Benzoic acid	7.97	122	248932	31.527	ng	97
33) 4-Chloroaniline	8.26	127	267577	22.799	ng	99
34) Hexachlorobutadiene	8.33	225	180383	42.428	ng	99
35) Caprolactam	8.64	113	134526m	50.816	ng	
36) 4-Chloro-3-methylphenol	8.75	107	393968	42.471	ng	96
37) 2-Methylnaphthalene	8.91	142	848726	46.455	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	325045	38.745	ng	99
40) Hexachlorocyclopentadiene	9.06	237	268763	70.101	ng	98

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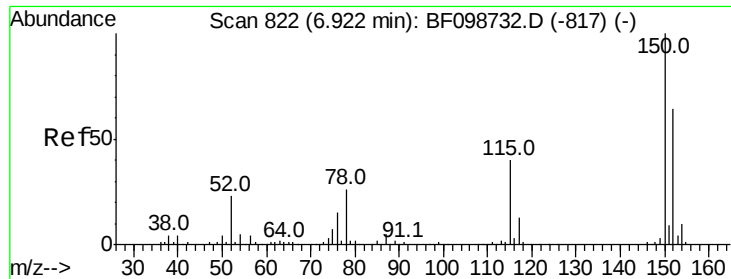
Manual Integrations
 APPROVED

Sohil
 9/28/2017 2:32:09 PM

Quant Time: Sep 28 02:20:15 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)
42) 2,4,6-Trichlorophenol	9.19	196	249402	41.964	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	259895	43.806	nq	97
45) 1,1'-Biphenyl	9.37	154	964527	39.895	nq	99
46) 2-Chloronaphthalene	9.40	162	762496	42.005	nq	97
47) 2-Nitroaniline	9.50	65	243147	43.745	nq	90
48) Acenaphthylene	9.82	152	1168143	42.037	nq	100
49) Dimethylphthalate	9.67	163	927365	43.679	nq	100
50) 2,6-Dinitrotoluene	9.74	165	206677	44.714	nq	89
51) Acenaphthene	9.99	154	739721	42.024	nq	100
52) 3-Nitroaniline	9.90	138	155013	28.762	nq	96
53) 2,4-Dinitrophenol	10.01	184	87348	39.481	nq	99
54) Dibenzofuran	10.16	168	1056268	45.068	nq	99
55) 4-Nitrophenol	10.07	139	375525	82.402	nq	90
56) 2,4-Dinitrotoluene	10.14	165	280739	46.799	nq	96
57) Fluorene	10.50	166	800478	42.493	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	195960	47.814	nq	98
59) Diethylphthalate	10.37	149	898690	43.318	nq	98
60) 4-Chlorophenyl-phenylether	10.49	204	368144	43.506	nq	99
61) 4-Nitroaniline	10.52	138	209217	40.237	nq	94
62) Azobenzene	10.66	77	859158	45.040	nq	94
64) 4,6-Dinitro-2-methylphenol	10.55	198	79142	26.499	nq	81
65) n-Nitrosodiphenylamine	10.62	169	733550	43.136	nq	100
66) 4-Bromophenyl-phenylether	10.99	248	215962	44.946	nq	93
67) Hexachlorobenzene	11.05	284	215225	41.939	nq	97
68) Atrazine	11.14	200	233499	45.637	nq	100
69) Pentachlorophenol	11.25	266	224717	70.359	nq	97
70) Phenanthrene	11.47	178	1160598	44.170	nq	99
71) Anthracene	11.52	178	1191168	44.306	nq	100
72) Carbazole	11.67	167	1114261	42.323	nq	99
73) Di-n-butylphthalate	12.00	149	1415389	44.664	nq	99
74) Fluoranthene	12.66	202	1126903	42.354	nq	99
76) Benzidine	12.77	184	590462	54.097	nq	98
77) Pyrene	12.89	202	1138721	50.604	nq	100
79) Butylbenzylphthalate	13.50	149	577970	54.650	nq	93
80) Benzo(a)anthracene	14.07	228	790824	44.256	nq	99
81) 3,3'-Dichlorobenzidine	14.03	252	237133	36.200	nq	96
82) Chrysene	14.11	228	728776	42.838	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	798000	54.799	nq	99
84) Di-n-octyl phthalate	14.66	149	1157083	49.346	nq	97
85) Indeno(1,2,3-cd)pyrene	17.09	276	740130	54.386	nq	96
87) Benzo(b)fluoranthene	15.13	252	657969	41.918	nq	98
88) Benzo(k)fluoranthene	15.16	252	648122	41.804	nq	99
89) Benzo(a)pyrene	15.51	252	638890	44.341	nq	# 97
90) Dibenzo(a,h)anthracene	17.10	278	615209	53.353	nq	97
91) Benzo(g,h,i)perylene	17.54	276	616220	54.063	nq	95

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



#1

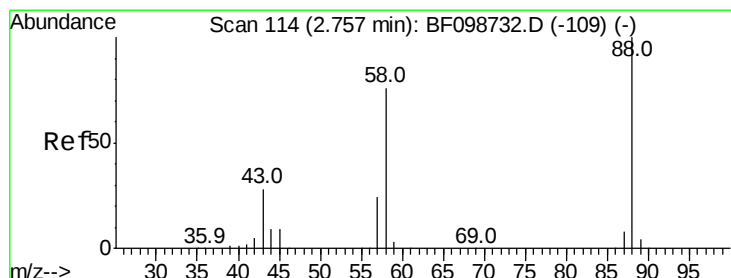
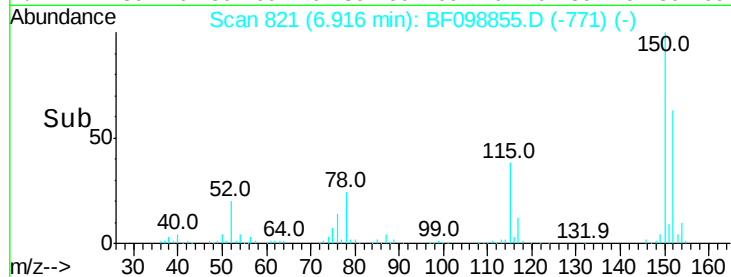
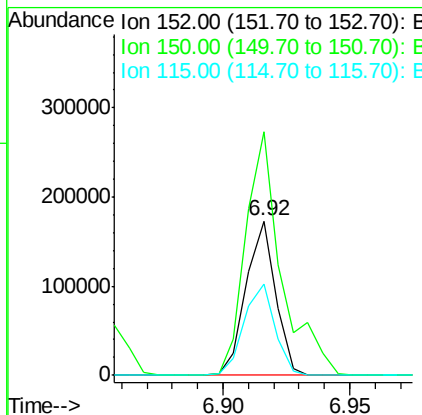
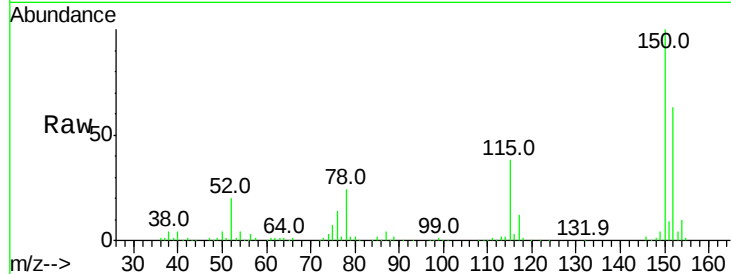
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :
PB102634BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	124.6	186.8
115	59.3	50.1	75.1

Manual Integrations
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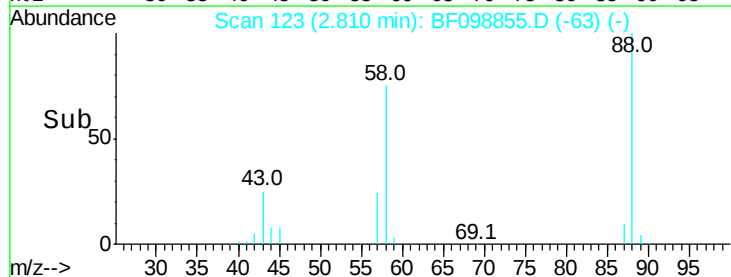
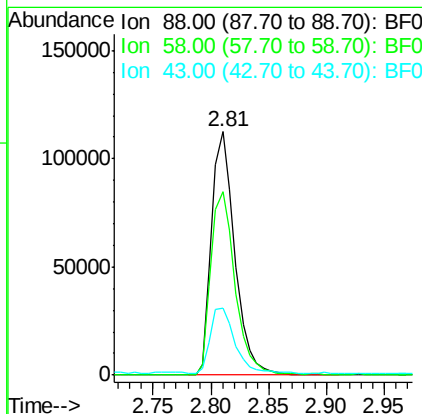
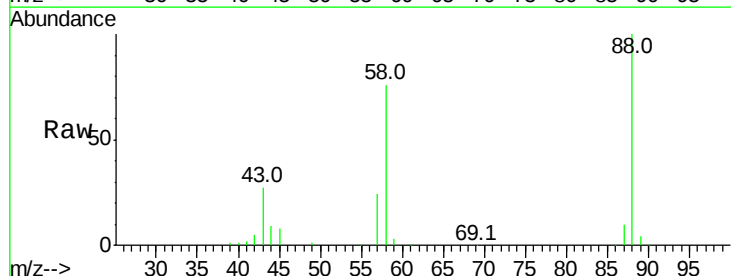
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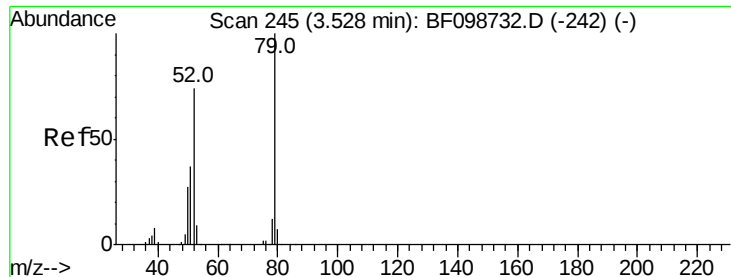


#2

1,4-Dioxane
Concen: 37.371 ng
RT: 2.81 min Scan# 123
Delta R.T. 0.05 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.1	62.6	93.8
43	27.8	24.6	37.0





#3

Pvridine

Concen: 41.120 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.05 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

PB102634BS

Tot Ion: 79 Resp: 470659

Ion Ratio Lower Upper

79 100

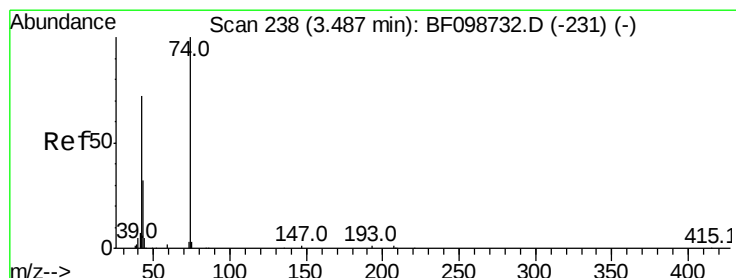
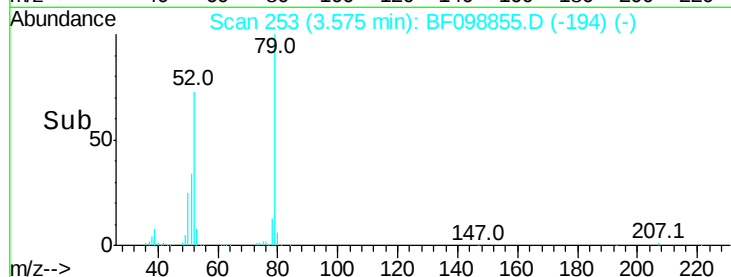
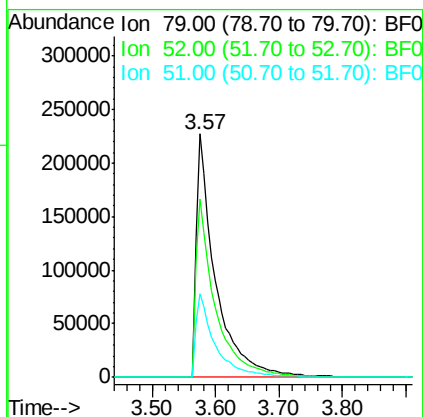
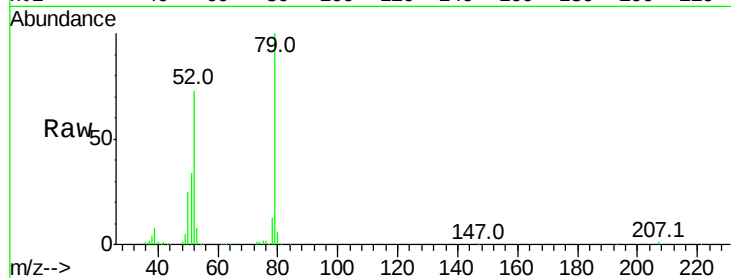
52 73.0 59.8 89.6

51 34.3 29.8 44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 39.885 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.04 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

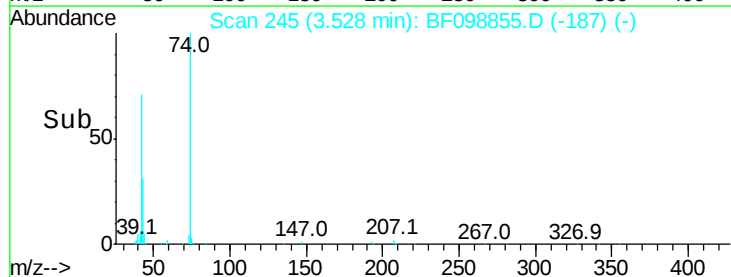
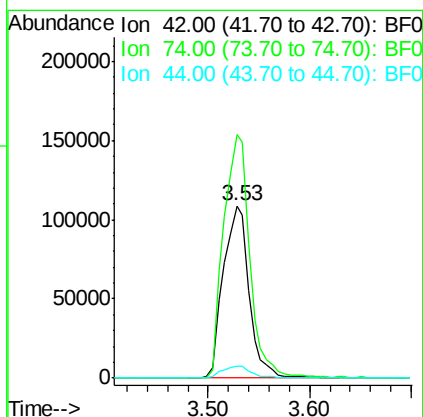
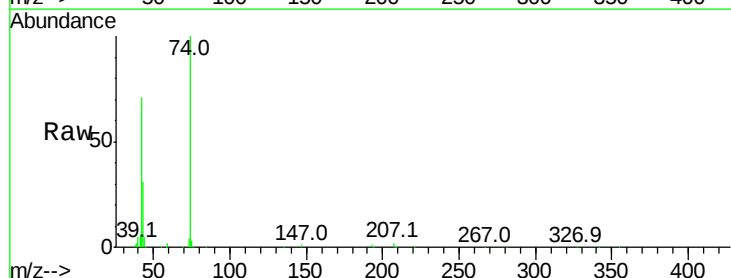
Tgt Ion: 42 Resp: 193592

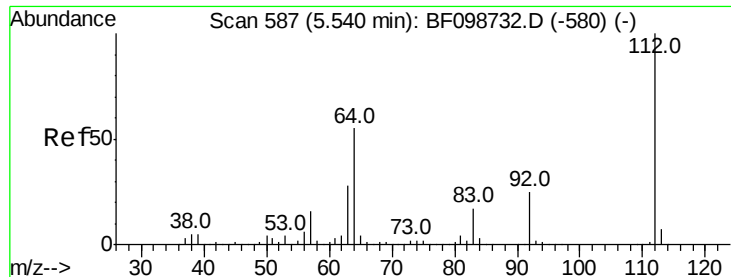
Ion Ratio Lower Upper

42 100

74 141.4 104.9 157.3

44 7.2 6.9 10.3





#5

2-Fluorophenol

Concen: 128.707 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

PB102634BS

Tot Ion:112 Resp: 1140036

Ion Ratio Lower Upper

112 100

64 57.4 47.9 71.9

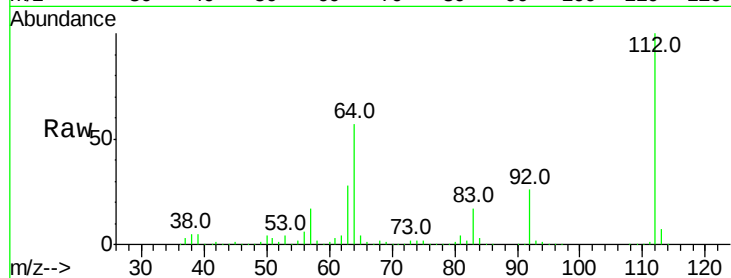
63 28.4 23.7 35.5

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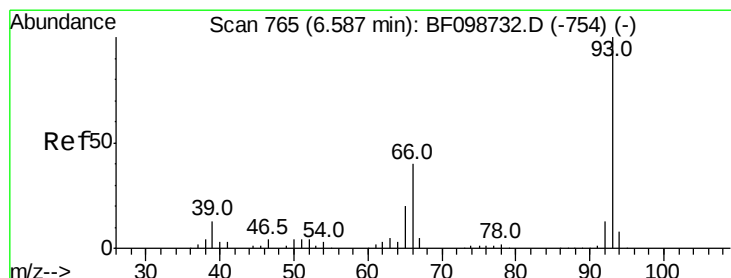
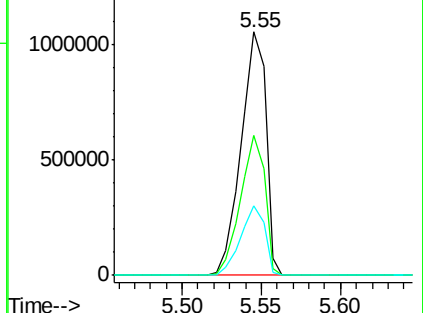
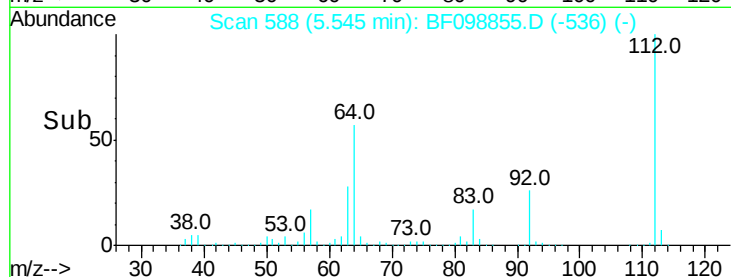
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 28.130 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

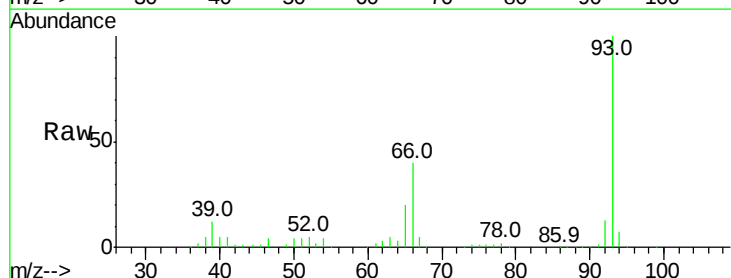
Tgt Ion: 93 Resp: 414849

Ion Ratio Lower Upper

93 100

66 39.6 32.2 48.2

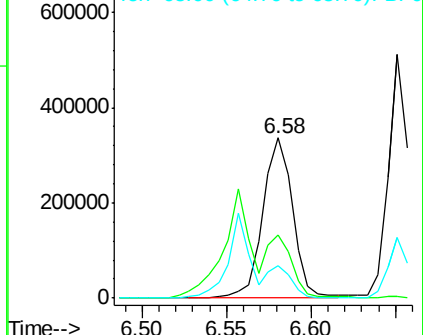
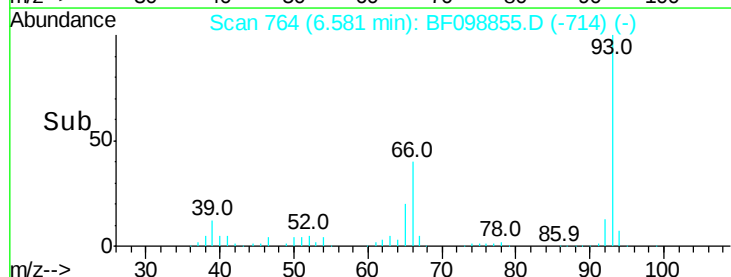
65 20.2 16.4 24.6

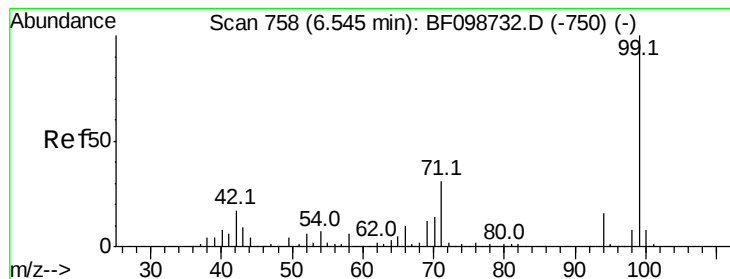


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 126.574 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampled :

PB102634BS

Tot Ion: 99 Resp: 1383048

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

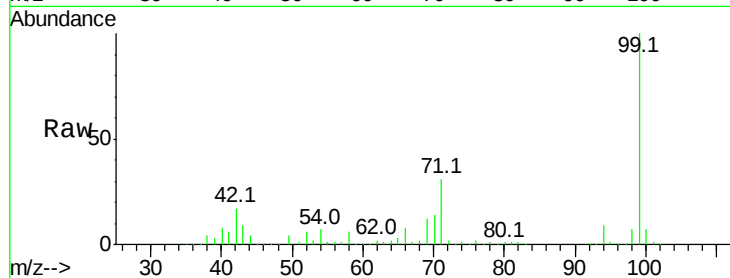
71 31.4 25.4 38.0

Manual Integrations

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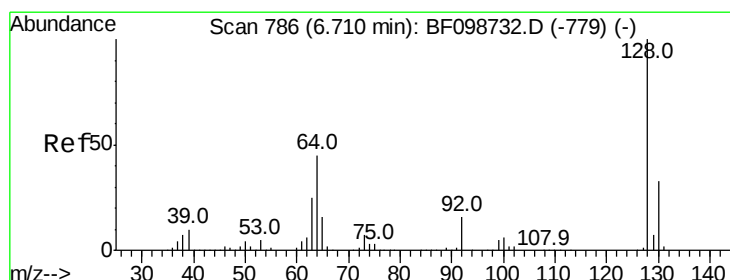
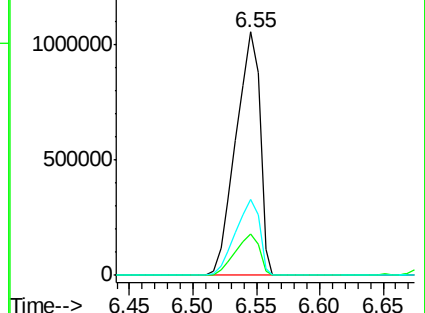
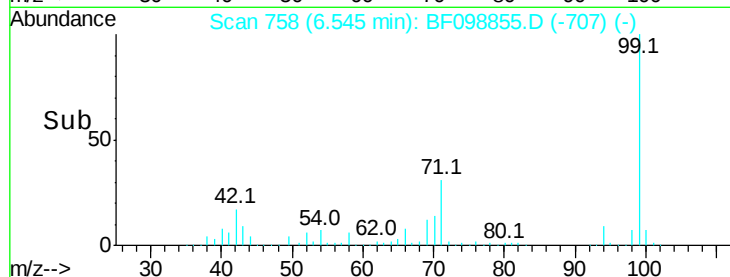
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.499 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

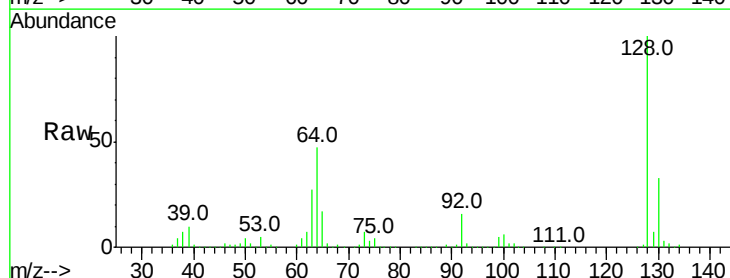
Tgt Ion:128 Resp: 426304

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

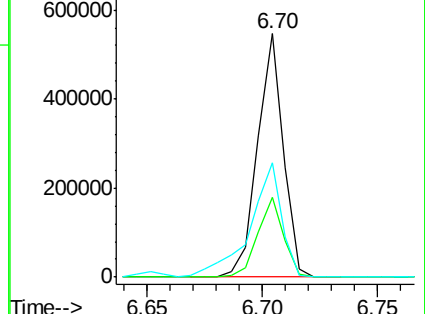
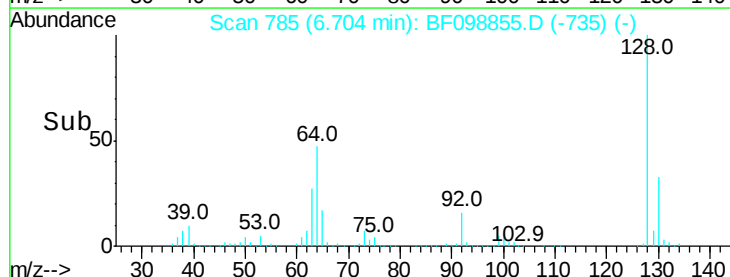
64 46.7 29.4 69.4

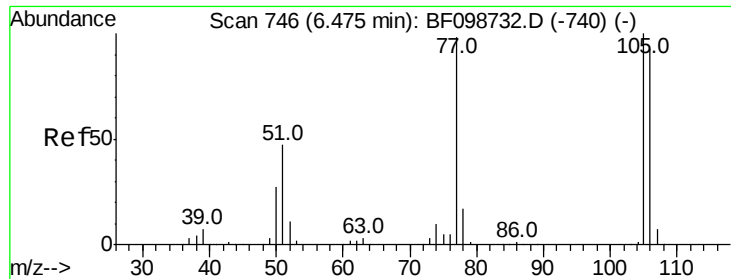


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





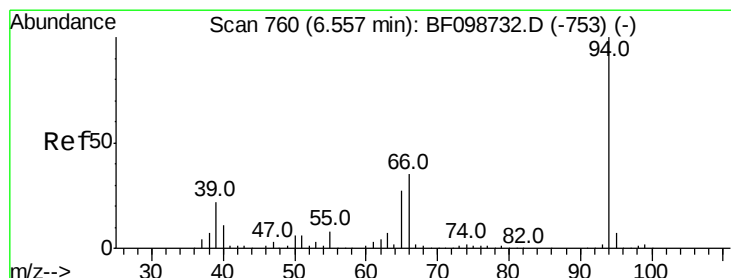
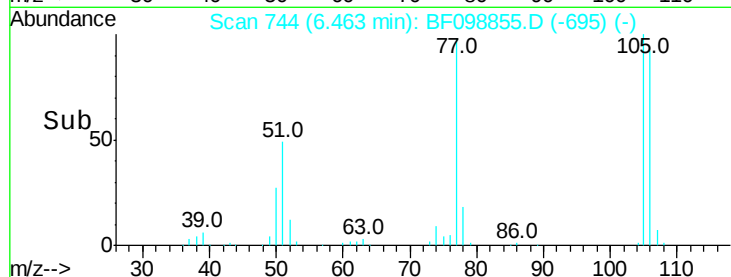
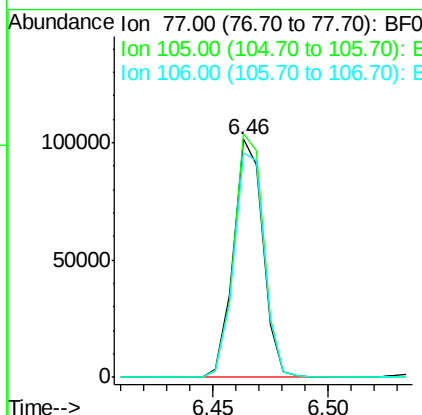
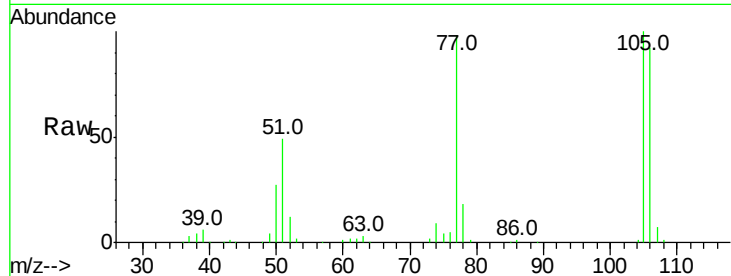
#9
Benzaldehyde
Concen: 14.275 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampled :
PB102634BS

Tot Ion: 77 Resp: 90482
Ion Ratio Lower Upper
77 100
105 102.3 81.1 121.1
106 94.5 74.5 114.5

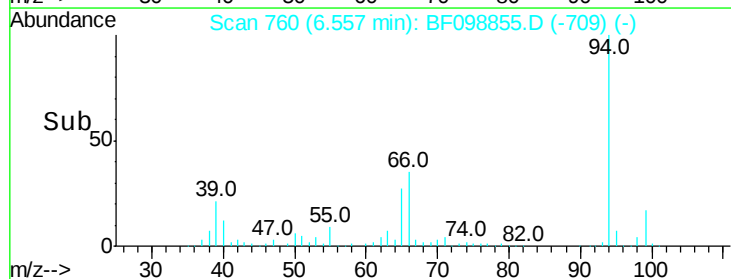
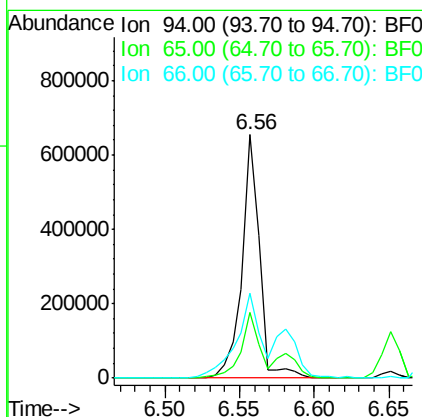
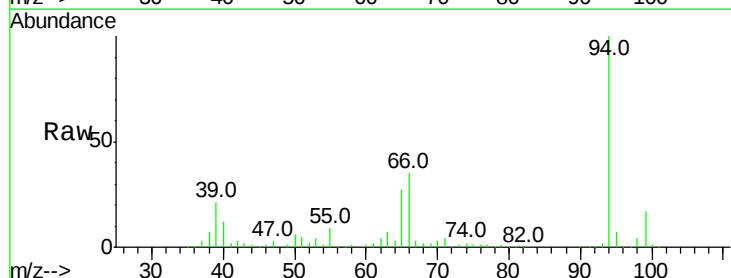
Manual Integrations
APPROVED

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#10
Phenol
Concen: 43.705 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion: 94 Resp: 534092
Ion Ratio Lower Upper
94 100
65 27.1 7.9 47.9
66 35.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 42.803 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

PB102634BS

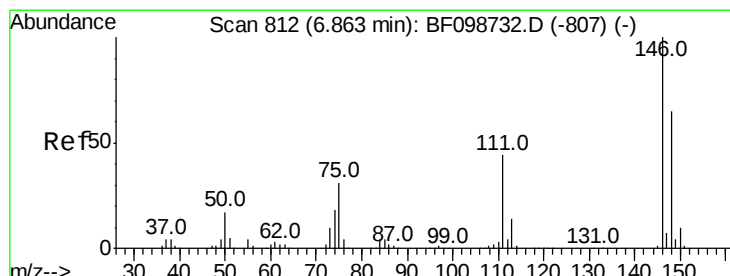
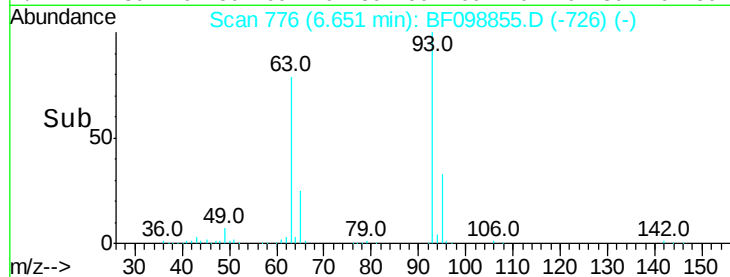
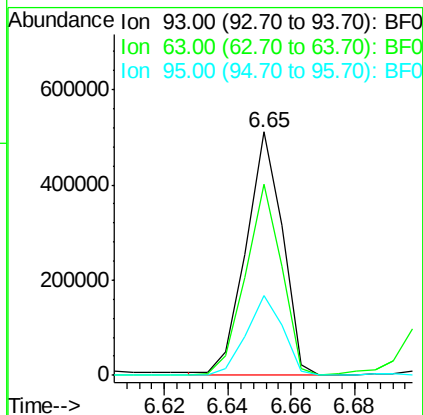
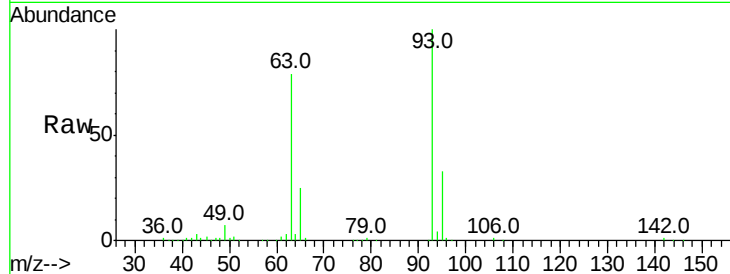
Tot Ion: 93 Resp: 406638

Ion	Ratio	Lower	Upper
93	100		
63	78.6	58.6	98.6
95	32.7	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 42.631 ng

RT: 6.86 min Scan# 811

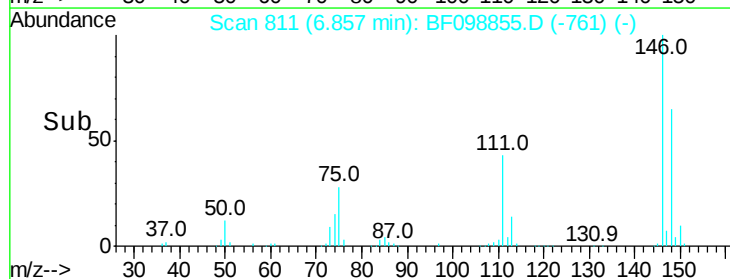
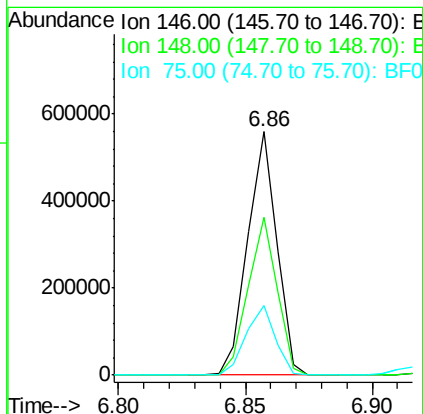
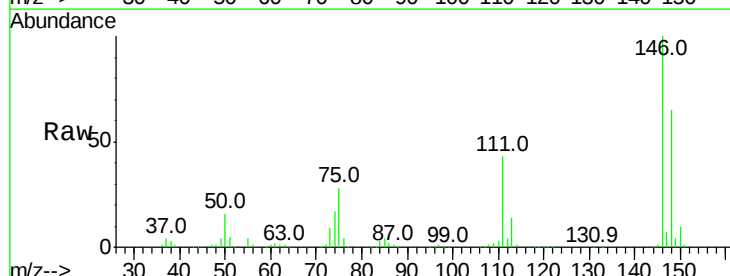
Delta R.T. -0.01 min

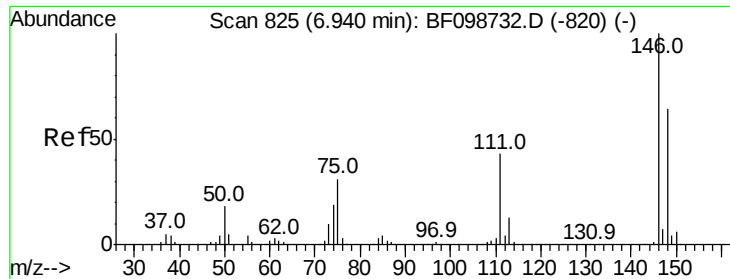
Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Tgt Ion: 146 Resp: 447843

Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.8	77.8
75	28.4	24.2	36.4





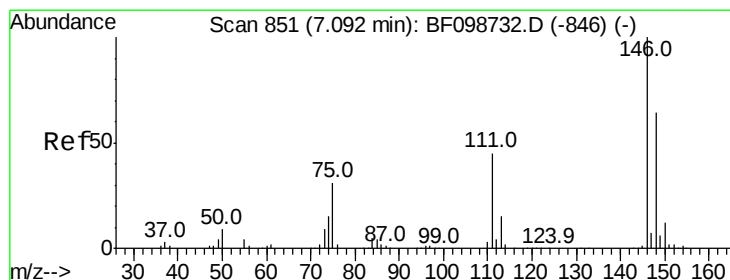
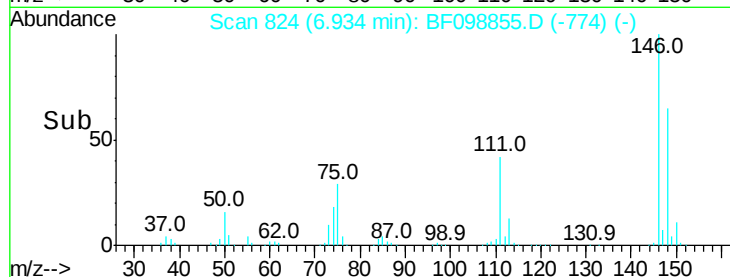
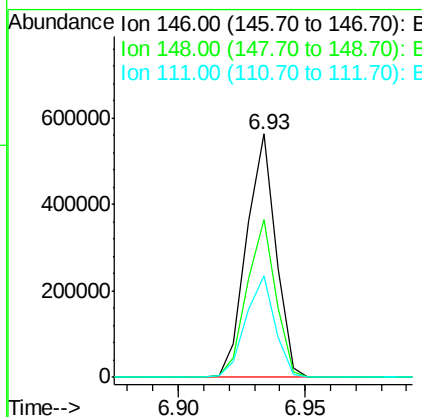
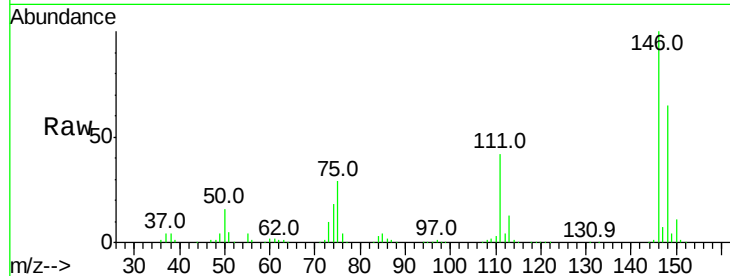
#13
 1,4-Dichlorobenzene
 Concen: 42.225 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102634BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	41.5	34.2	51.2

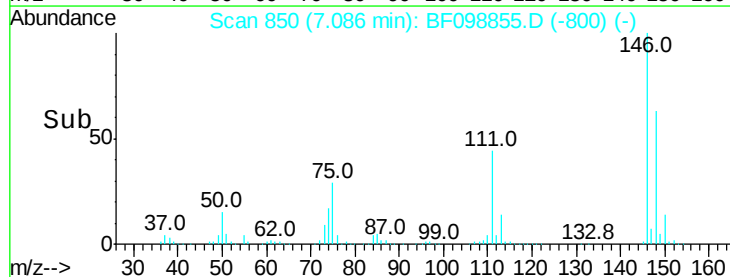
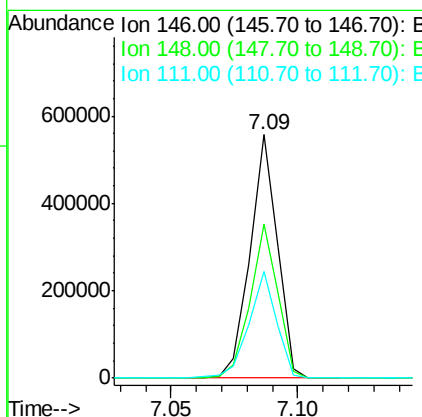
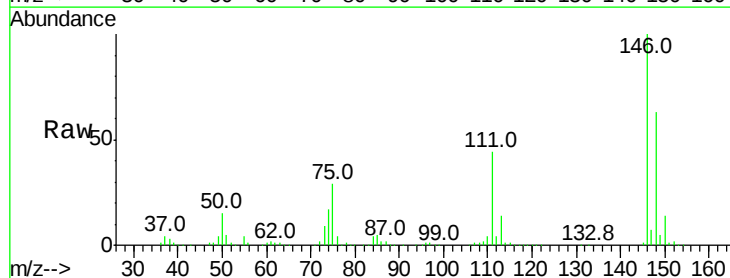
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#14
 1,2-Dichlorobenzene
 Concen: 42.397 ng
 RT: 7.09 min Scan# 850
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.6	75.8
111	43.8	36.0	54.0





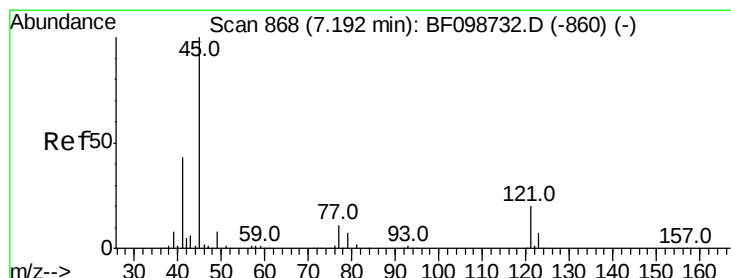
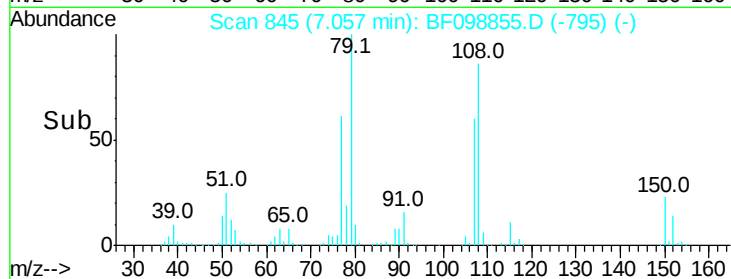
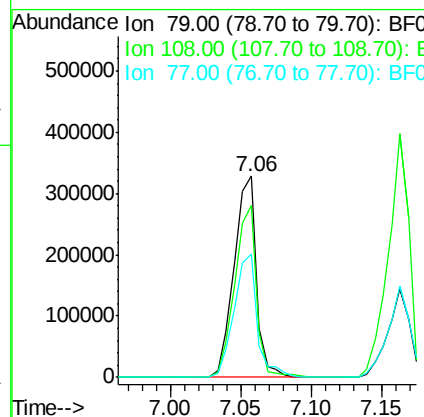
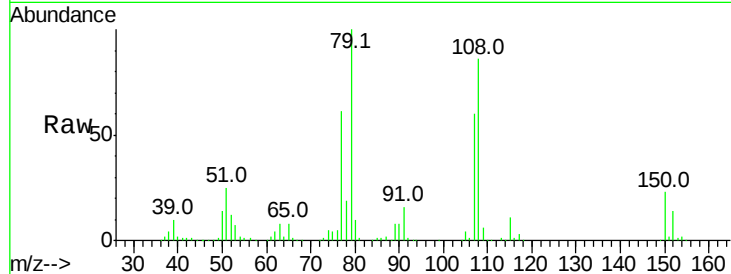
#15
Benzyl Alcohol
Concen: 45.191 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampled :
PB102634BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	85.5	65.1	97.7
77	61.3	50.6	75.8

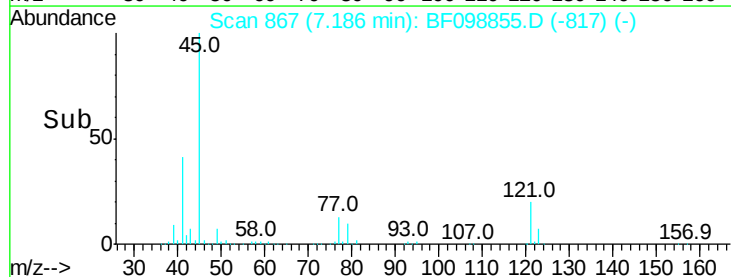
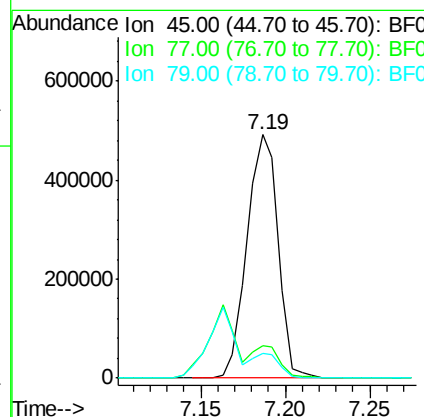
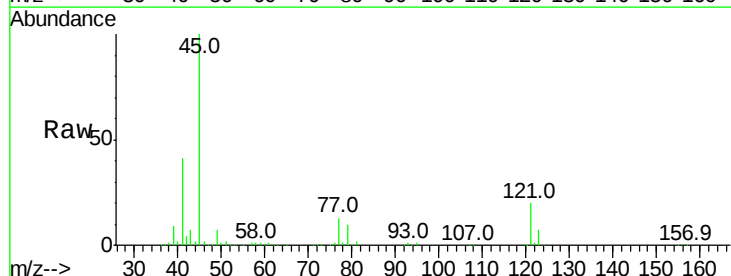
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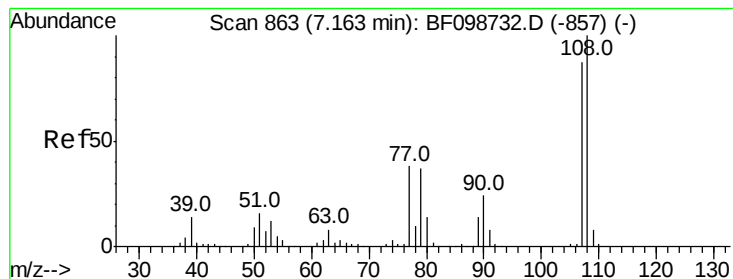
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.620 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	32.9
79	10.3	0.0	29.6





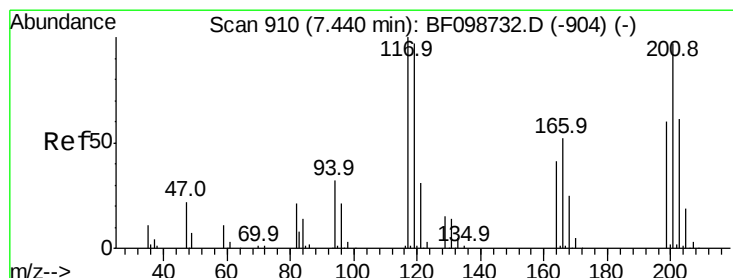
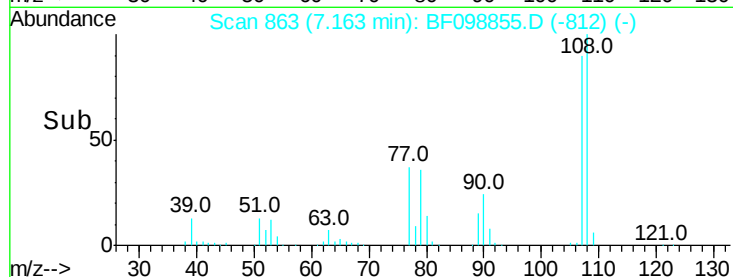
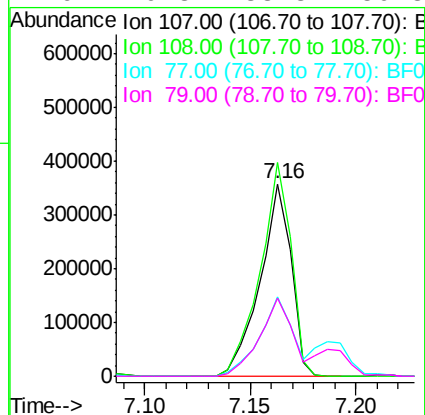
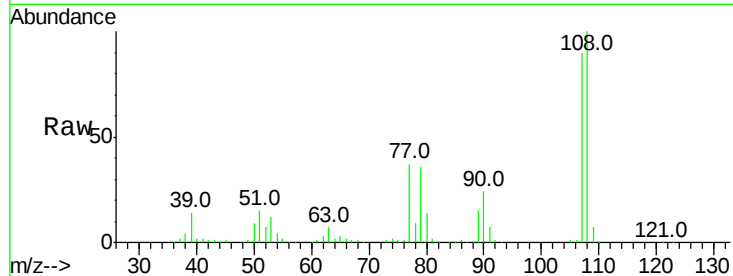
#17
2-Methylphenol
Concen: 44.609 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :
PB102634BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	366131		
108	108.00	110.9	91.7	137.5	
77	77.00	41.5	33.8	50.8	
79	79.00	40.3	33.8	50.8	

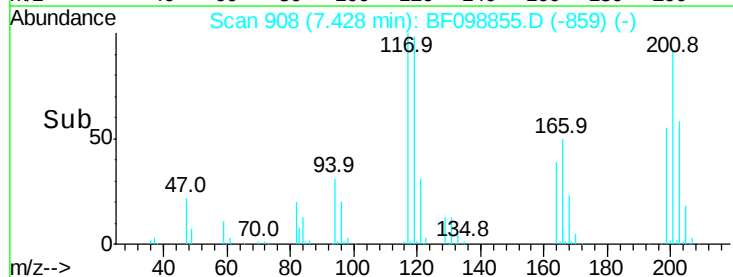
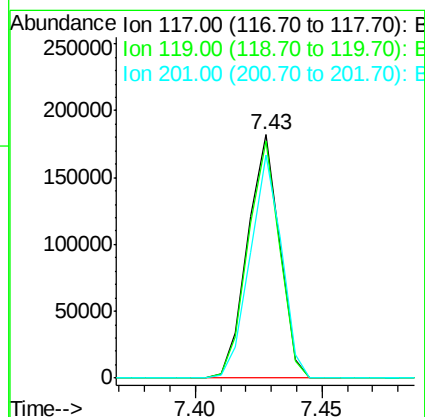
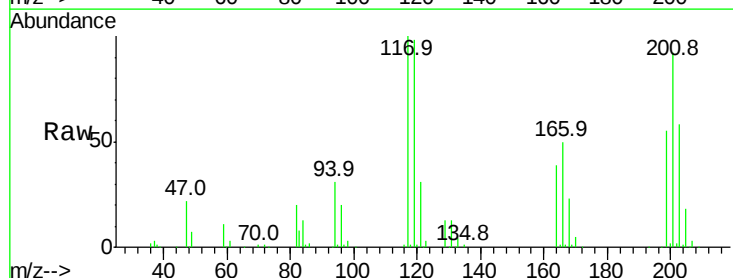
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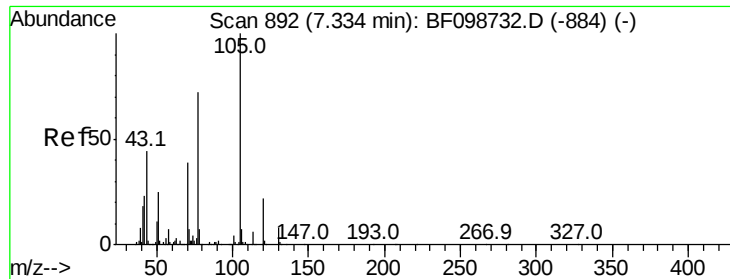
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#18
Hexachloroethane
Concen: 41.596 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	159803		
119	119.00	97.7	75.8	113.8	
201	201.00	91.6	75.7	113.5	





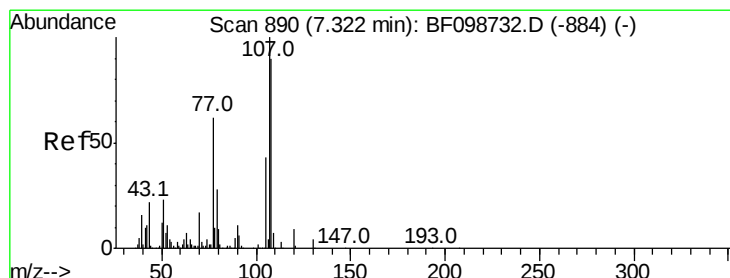
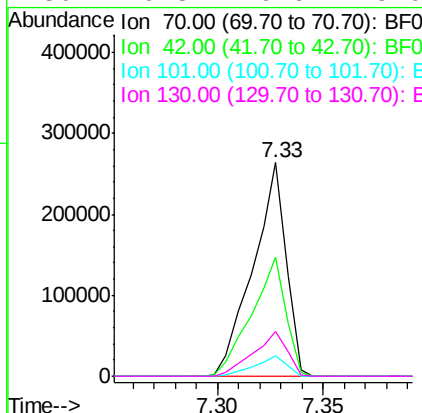
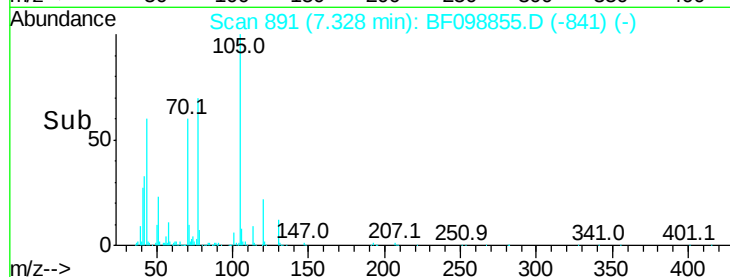
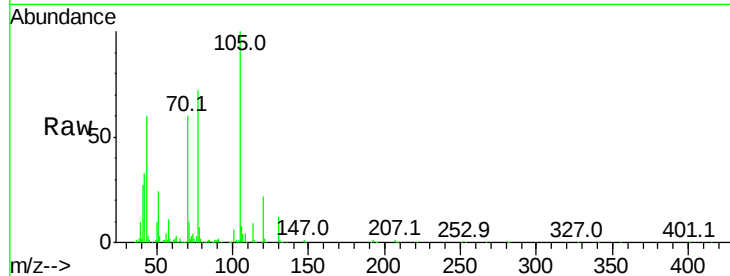
#19
n-Nitroso-di-n-propylamine
Concen: 41.232 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :
PB102634BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.5	71.3
101	9.8	7.4	11.2
130	20.8	16.6	25.0

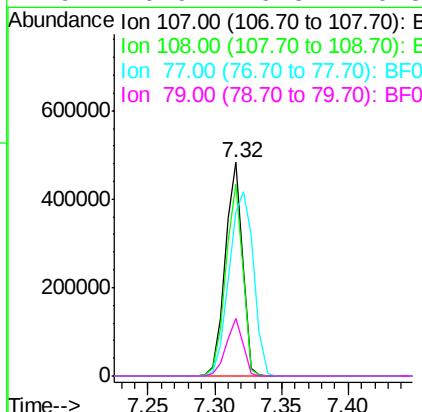
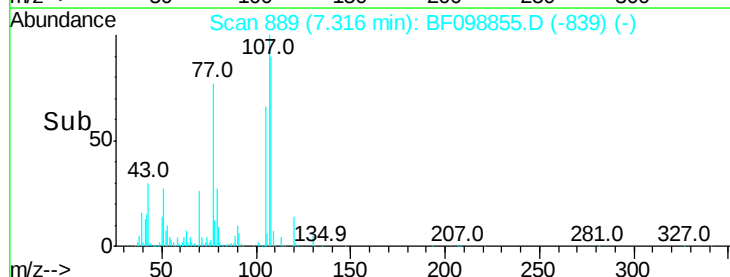
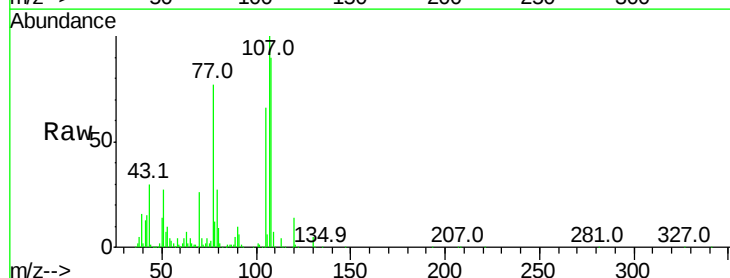
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#20
3+4-Methylphenols
Concen: 42.713 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	76.6	26.7	66.7#
79	26.9	6.3	46.3





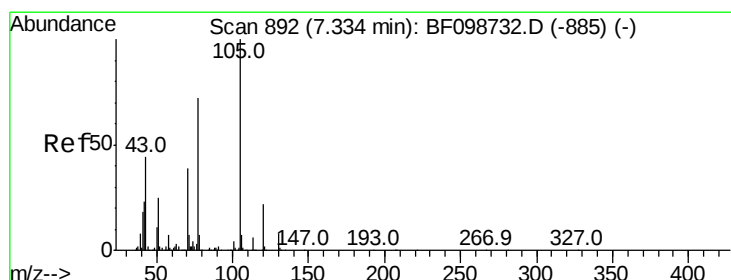
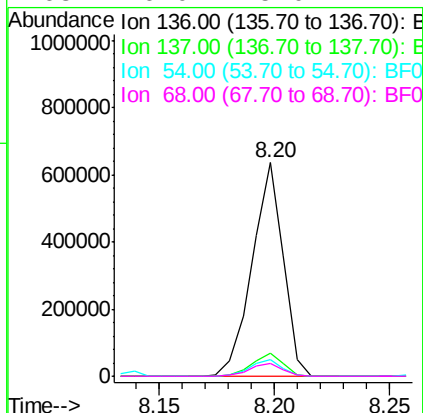
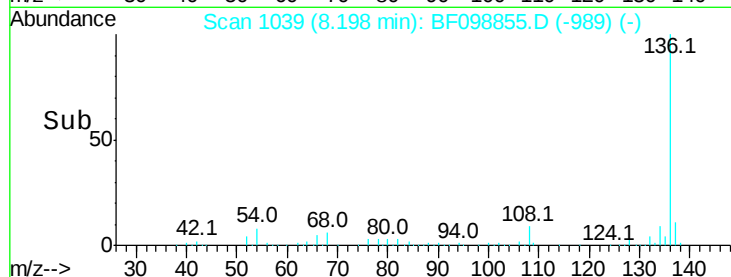
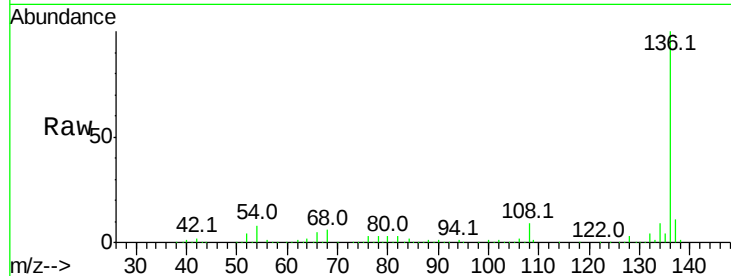
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :
PB102634BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.7	6.6	9.8	
68	6.0	5.0	7.4	

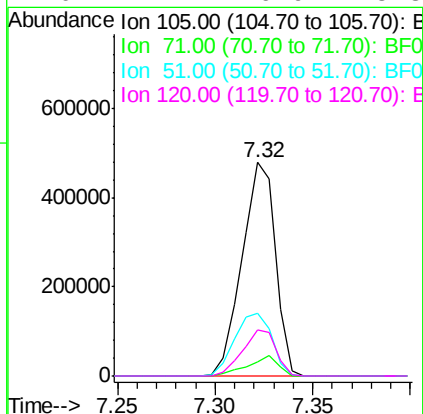
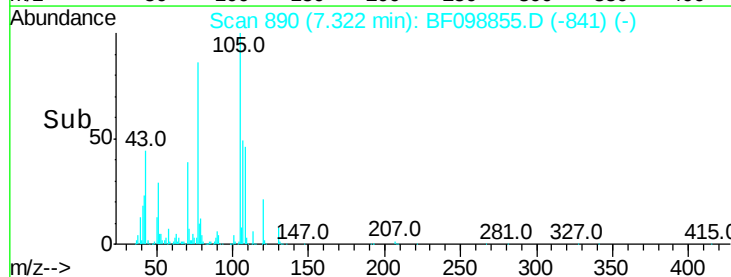
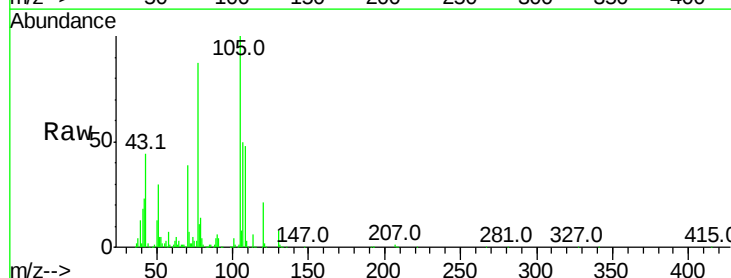
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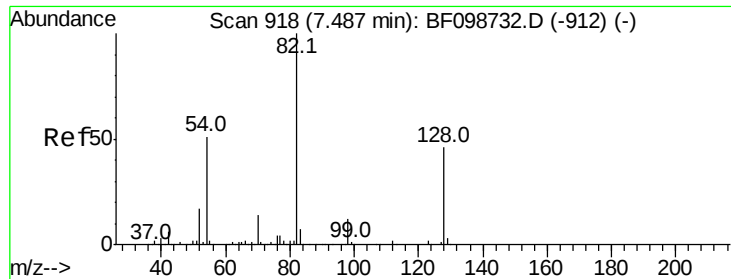
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#22
Acetophenone
Concen: 39.123 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.5	4.4	6.6	
51	29.5	22.3	33.5	
120	21.4	16.9	25.3	





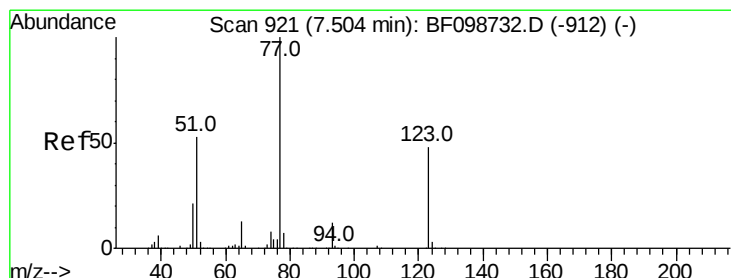
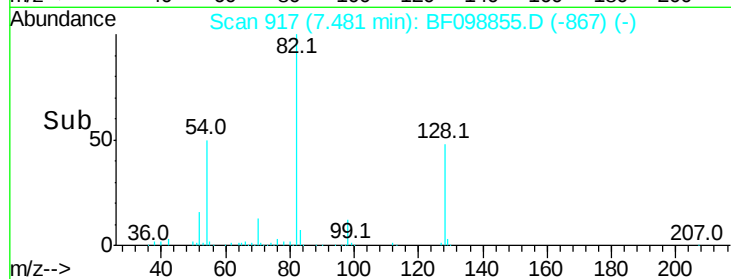
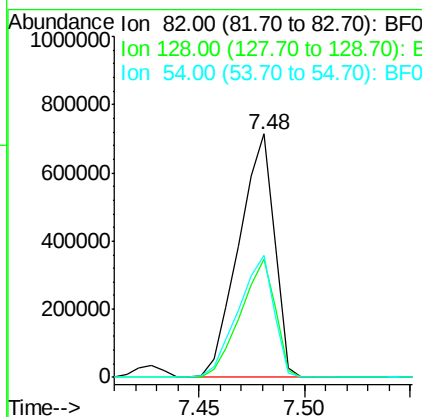
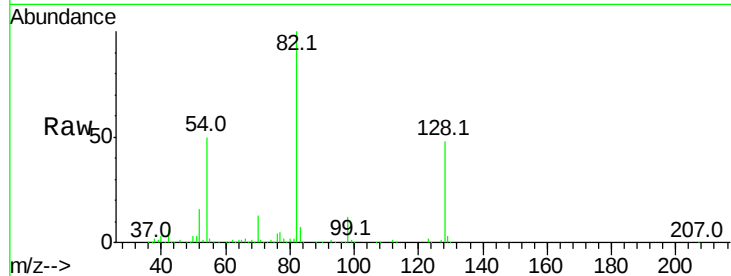
#23
 Nitrobenzene-d5
 Concen: 89.763 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleID :
 PB102634BS

Tot Ion:	82	Resp:	837560
Ion Ratio	Lower	Upper	
82	100		
128	48.4	36.1	54.1
54	49.9	41.4	62.2

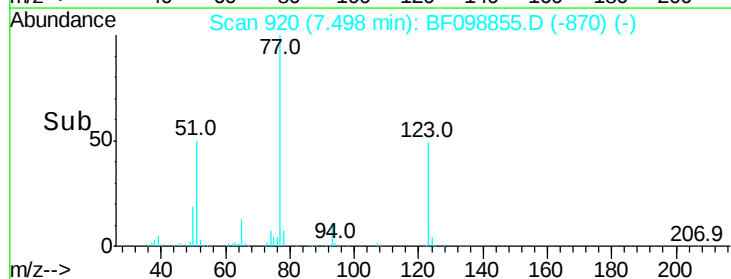
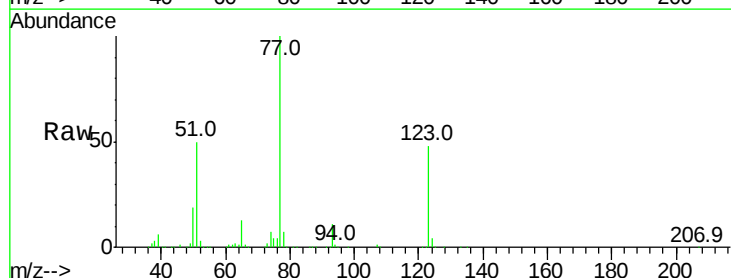
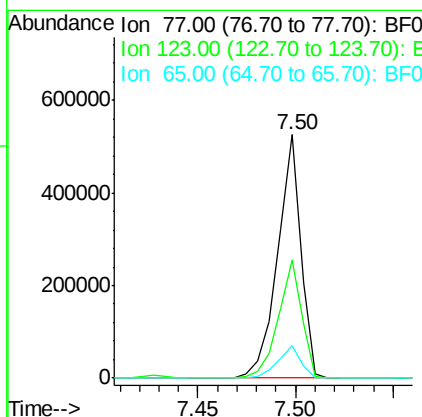
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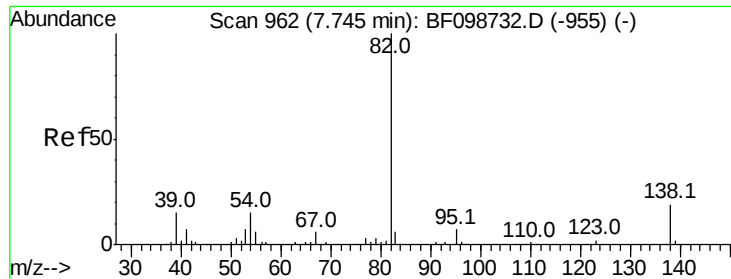
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#24
 Nitrobenzene
 Concen: 41.142 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion:	77	Resp:	435467
Ion Ratio	Lower	Upper	
77	100		
123	48.4	37.9	56.9
65	13.1	11.0	16.4





#25

Isophorone

Concen: 41.811 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

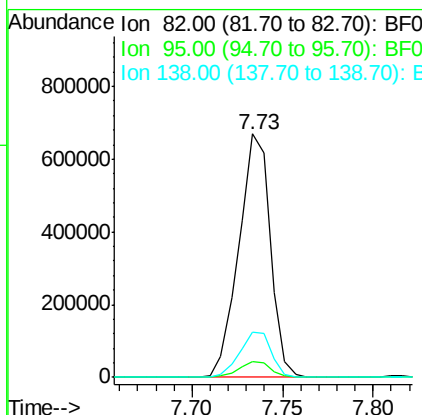
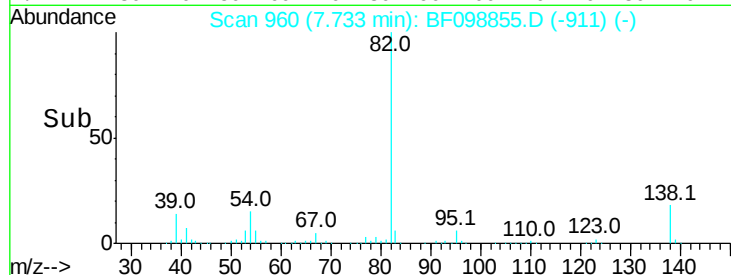
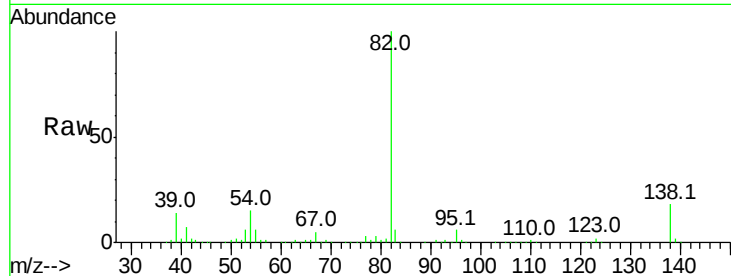
ClientSampleId :

PB102634BS

Tot Ion:	82	Resp:	806602
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.2	7.8
138	18.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 45.025 ng

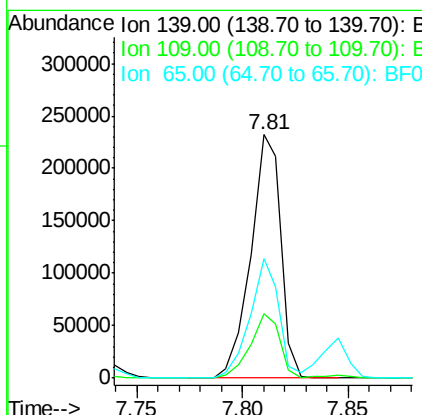
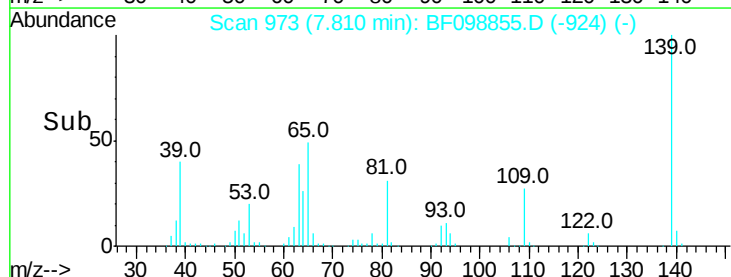
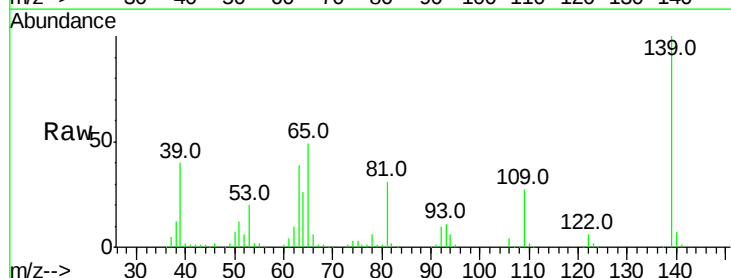
RT: 7.81 min Scan# 973

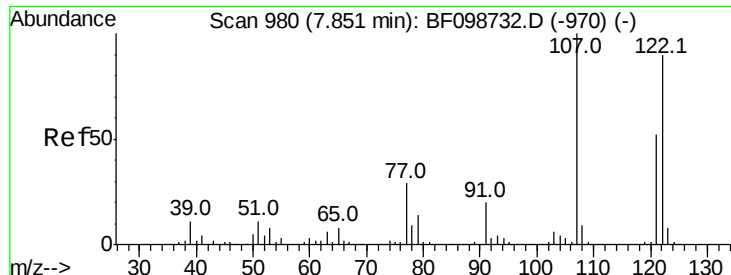
Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Tgt Ion:	139	Resp:	229172
Ion Ratio	Lower	Upper	
139	100		
109	26.5	22.7	34.1
65	48.9	40.5	60.7





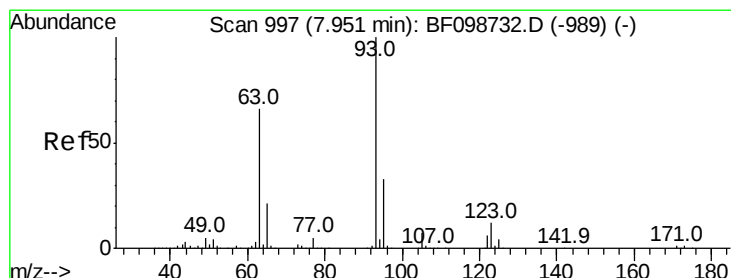
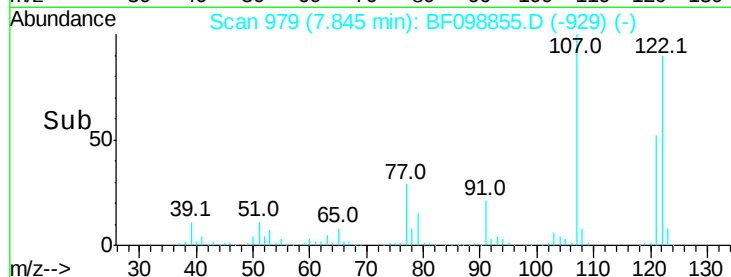
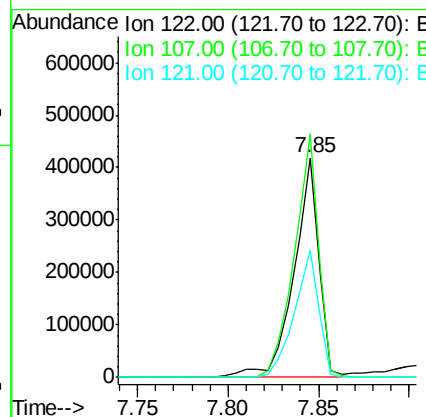
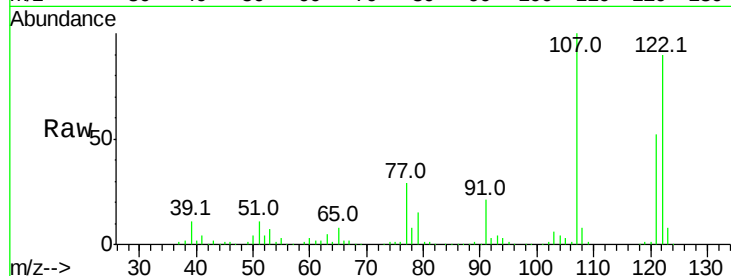
#27
 2,4-Dimethylphenol
 Concen: 42.193 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102634BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	91.2	136.8
121	58.1	47.2	70.8

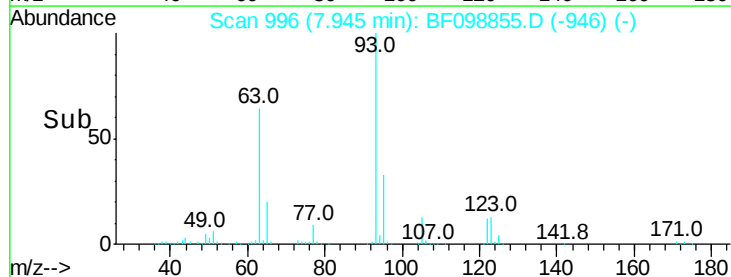
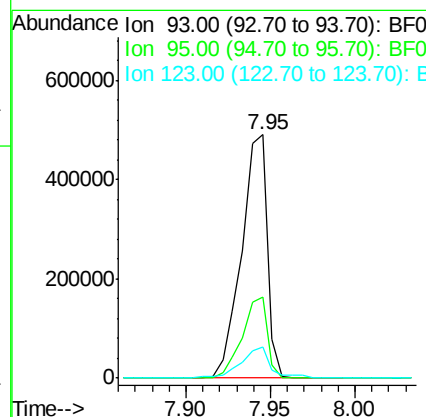
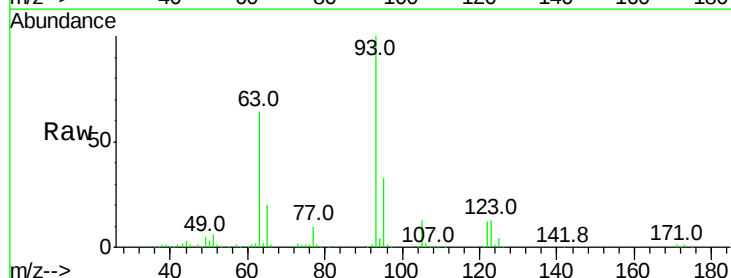
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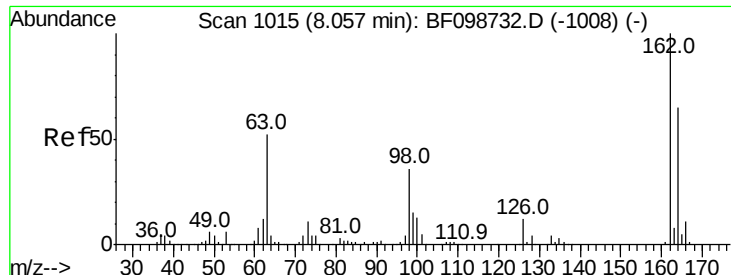
Sohil
 9/28/2017 2:32:09 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.360 ng
 RT: 7.95 min Scan# 996
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.3	39.5
123	12.7	9.8	14.6





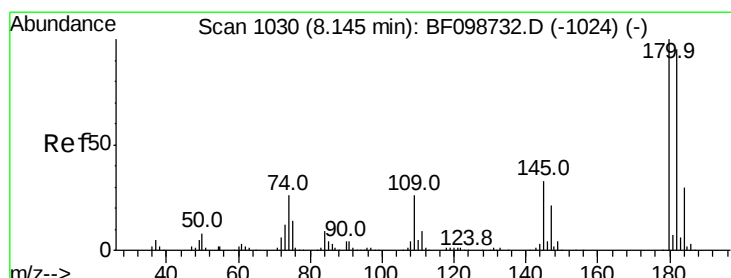
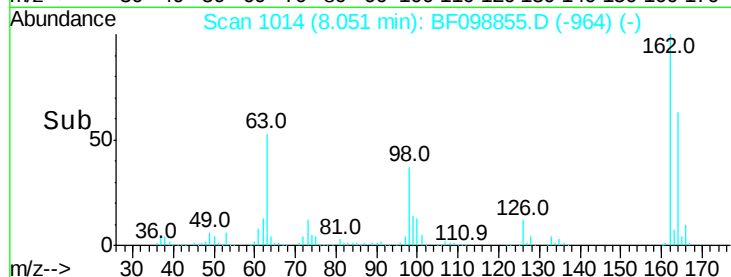
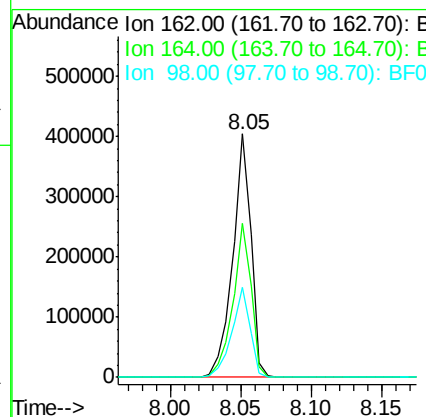
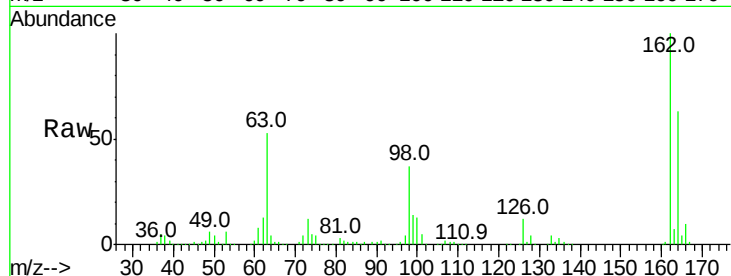
#29
 2,4-Dichlorophenol
 Concen: 44.034 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampled :
 PB102634BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	42.7	82.7
98	36.8	18.1	58.1

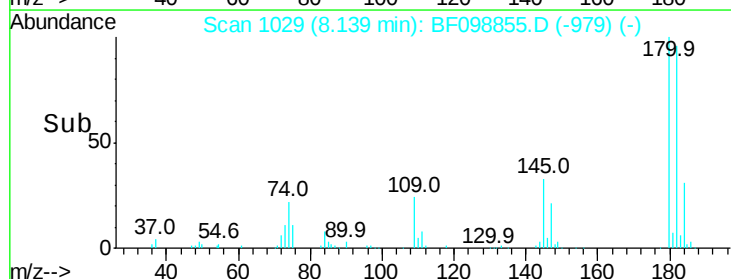
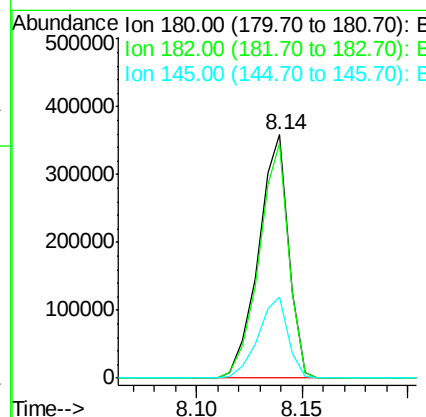
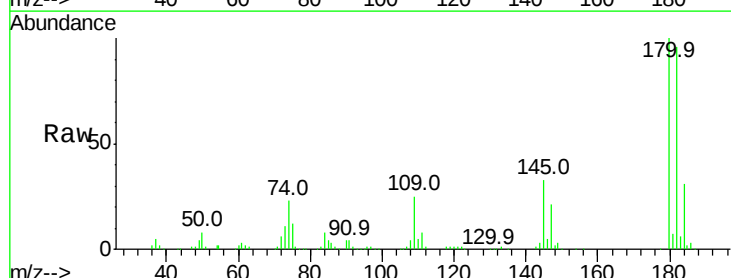
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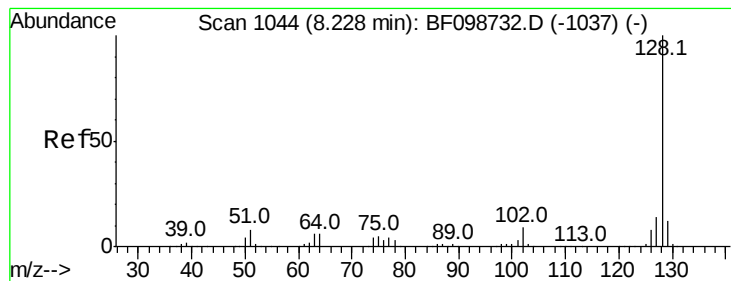
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.052 ng
 RT: 8.14 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	76.8	115.2
145	33.1	26.5	39.7





#31

Naphthalene

Concen: 42.593 ng

RT: 8.22 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

PB102634BS

Tot Ion:128 Resp: 1197024

Ion Ratio Lower Upper

128 100

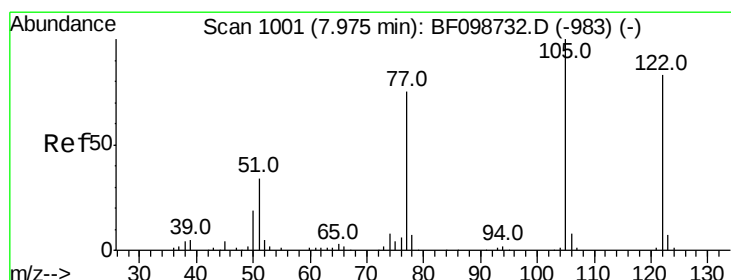
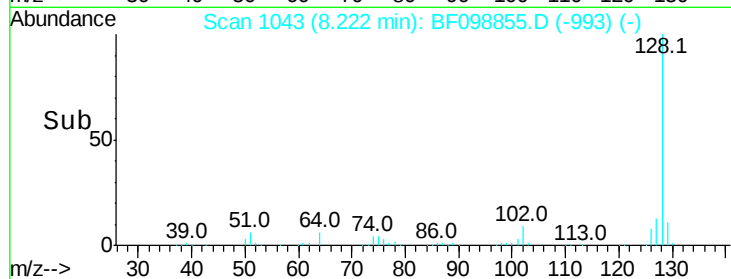
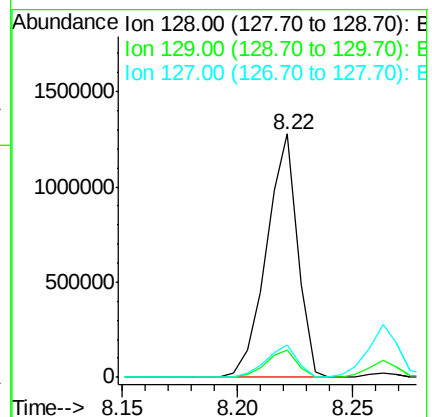
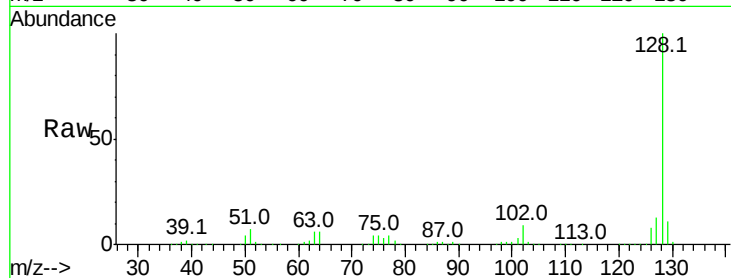
129 11.1 8.8 13.2

127 13.3 10.9 16.3

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#32

Benzoic acid

Concen: 31.527 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

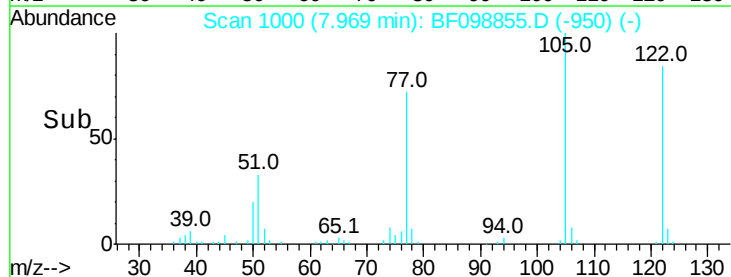
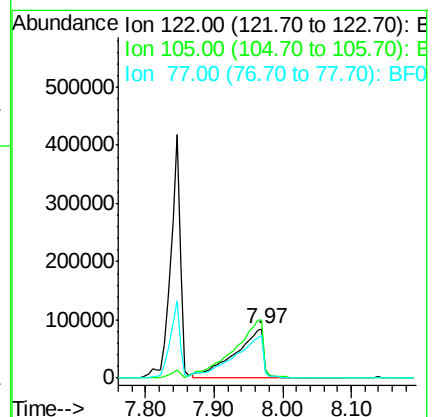
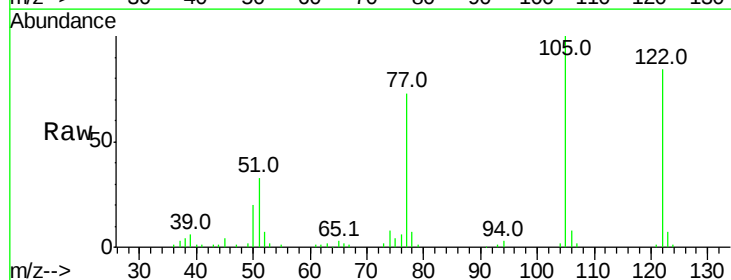
Tgt Ion:122 Resp: 248932

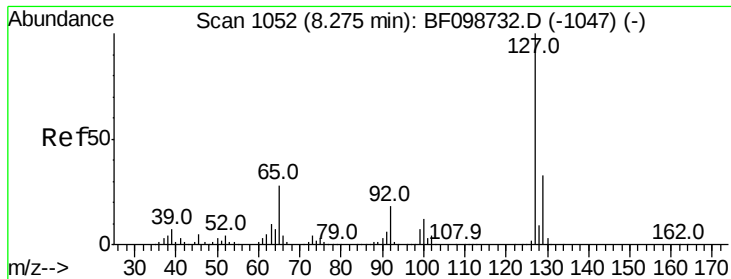
Ion Ratio Lower Upper

122 100

105 118.9 101.1 141.1

77 86.5 70.7 110.7





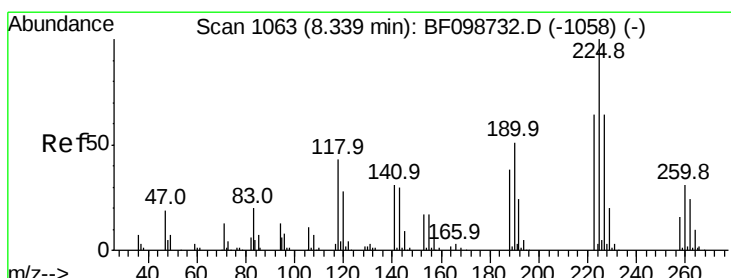
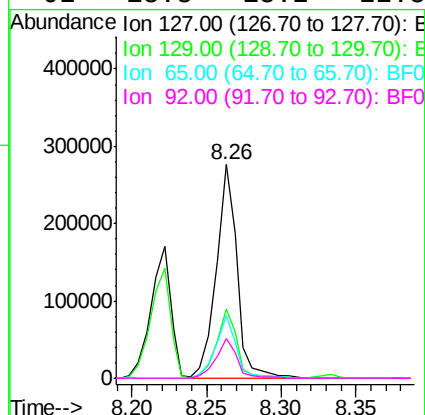
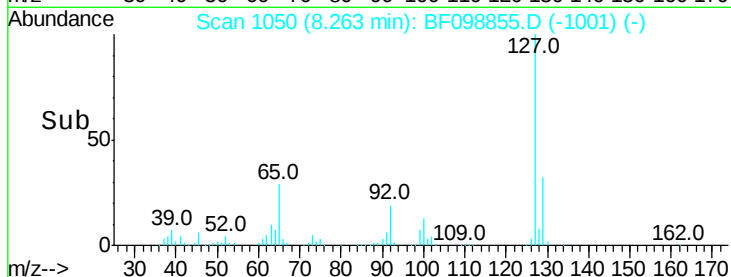
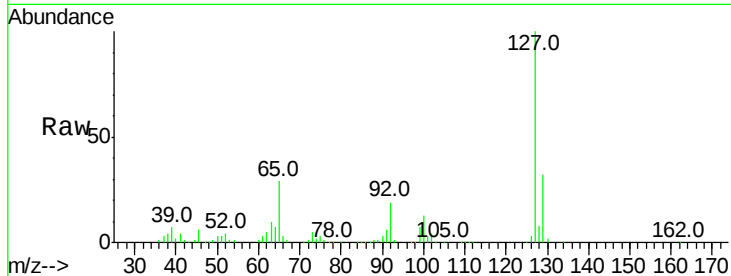
#33
4-Chloroaniline
Concen: 22.799 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :
PB102634BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	29.4	25.0	37.4	
92	18.8	15.2	22.8	

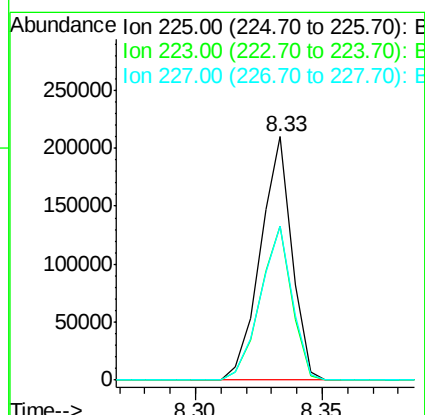
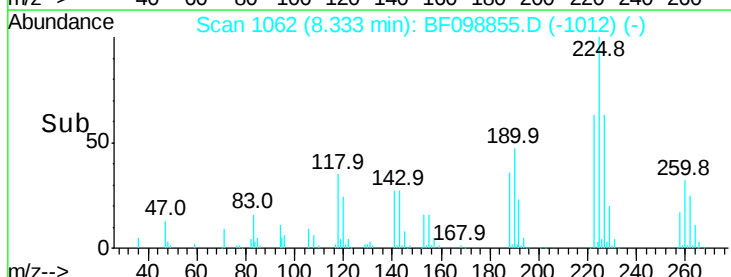
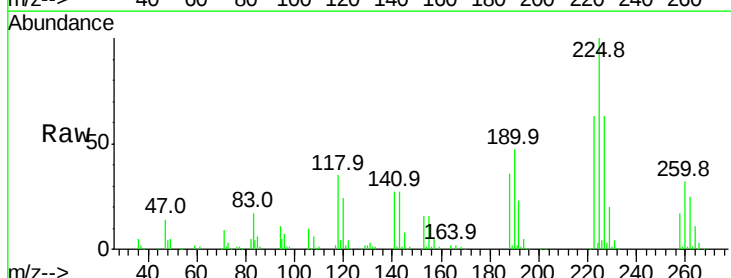
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#34
Hexachlorobutadiene
Concen: 42.428 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.2	50.6	76.0	
227	63.3	51.9	77.9	





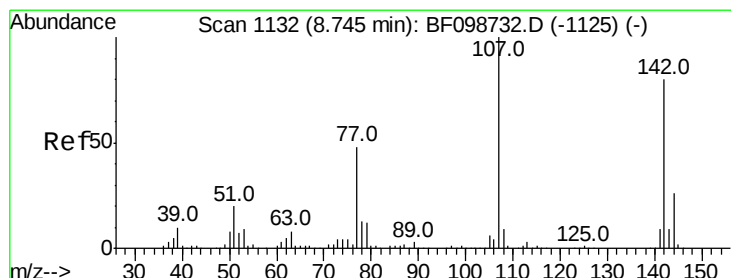
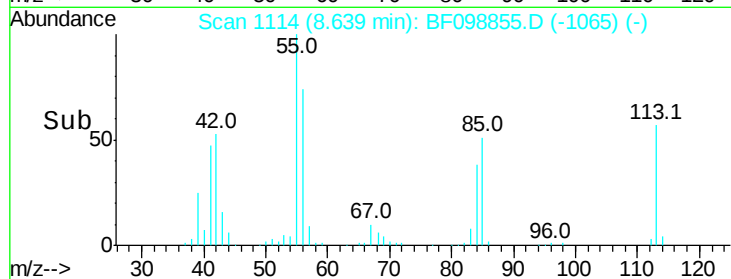
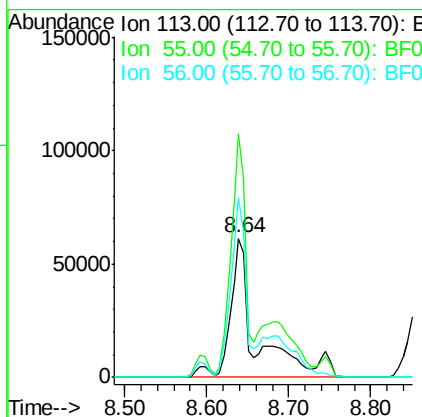
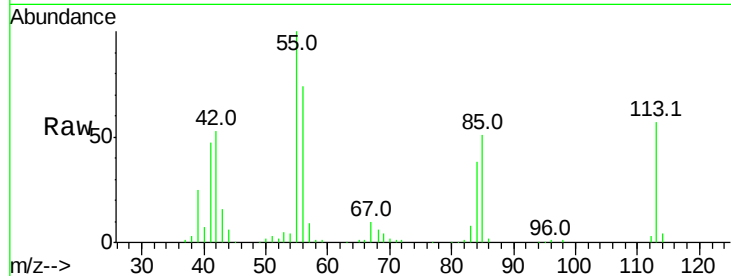
#35
 Caprolactam
 Concen: 50.816 ng/ml
 RT: 8.64 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleID :
 PB102634BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	175.2	163.3	203.3	
56	128.8	115.7	155.7	

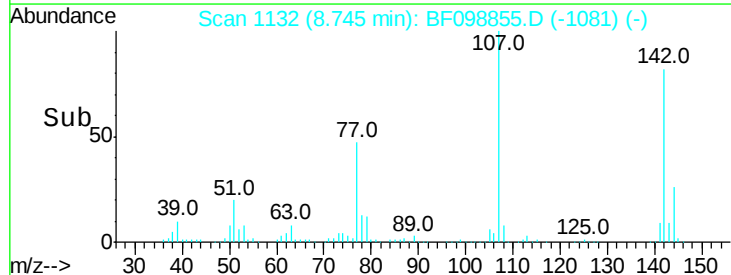
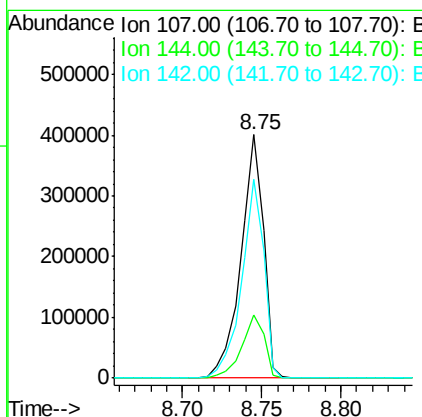
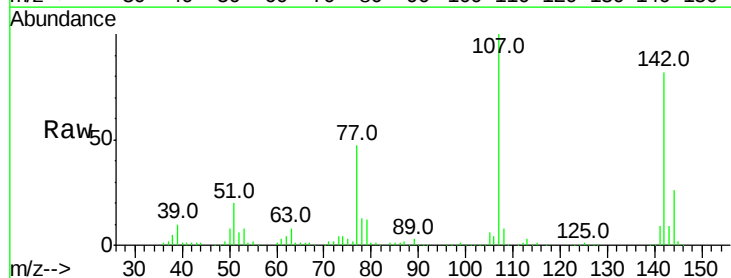
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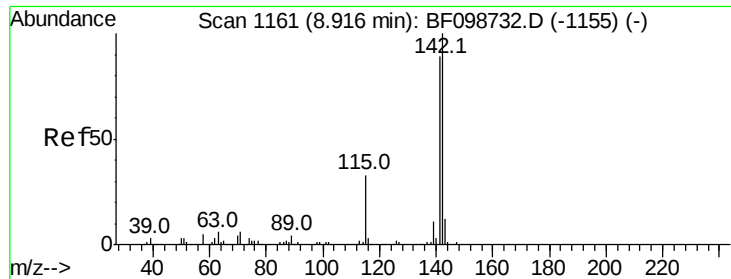
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#36
 4-Chloro-3-methylphenol
 Concen: 42.471 ng/ml
 RT: 8.75 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.0	20.5	30.7	
142	81.6	62.0	93.0	





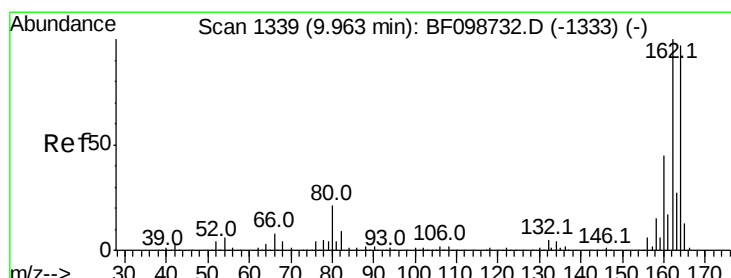
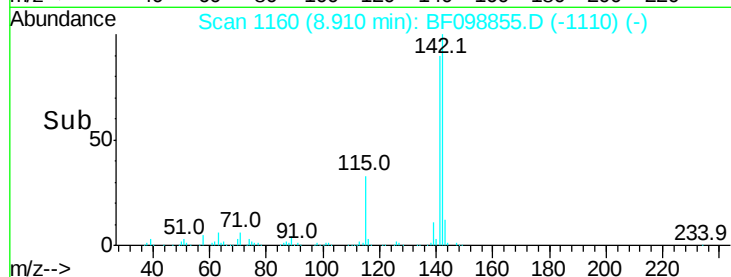
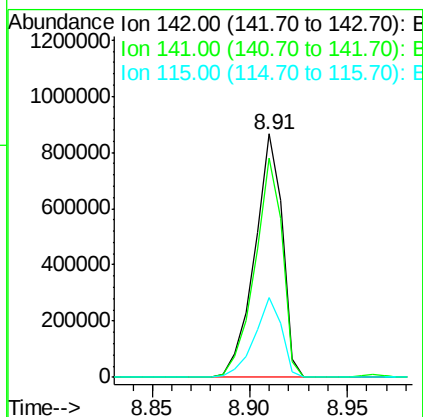
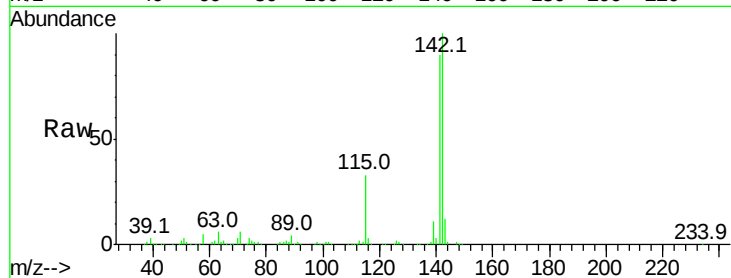
#37
2-Methylnaphthalene
Concen: 46.455 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :
PB102634BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	32.6	26.1	39.1

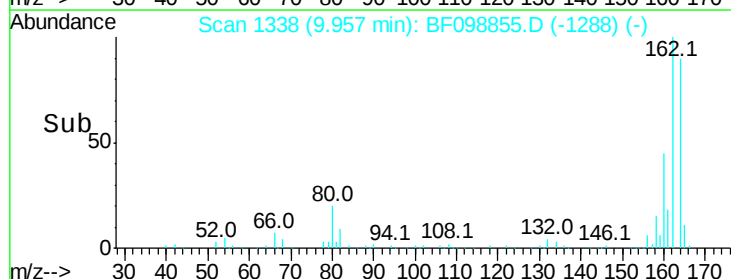
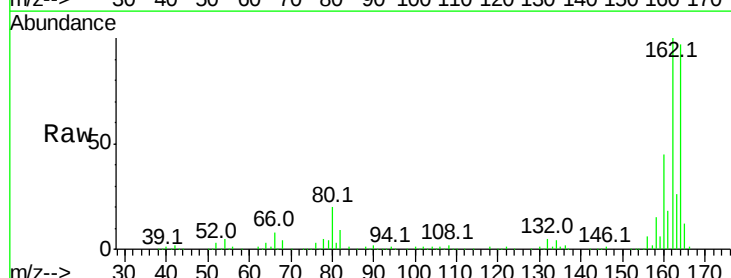
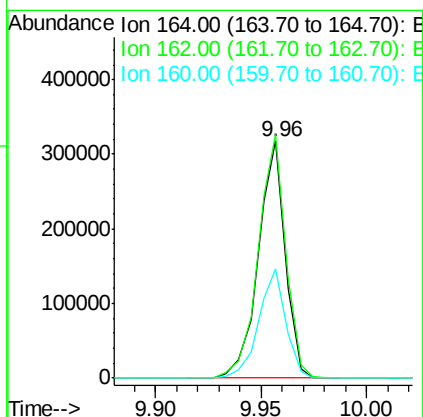
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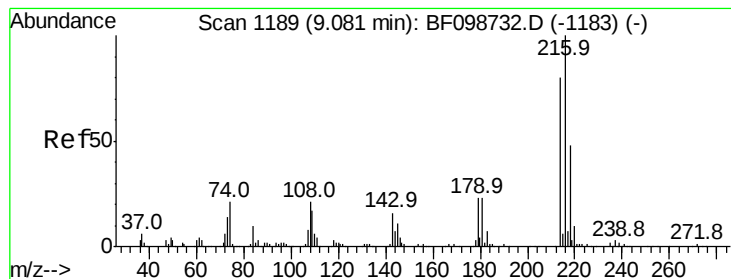
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	86.1	129.1
160	46.1	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.745 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

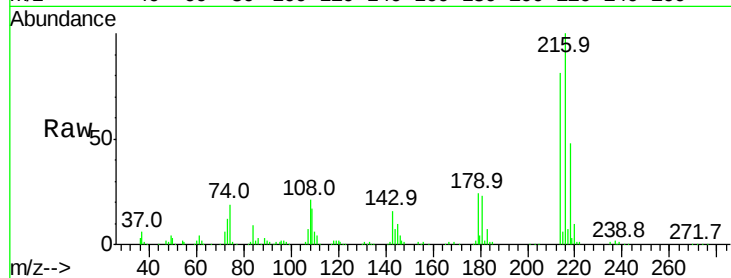
PB102634BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.7	63.0	94.4
179	23.0	18.1	27.1
108	22.1	17.2	25.8

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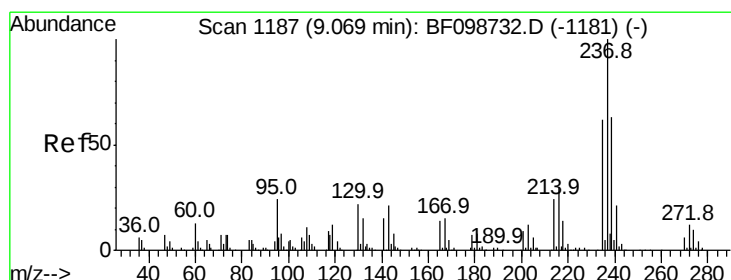
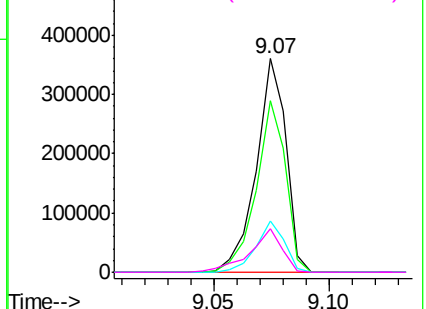
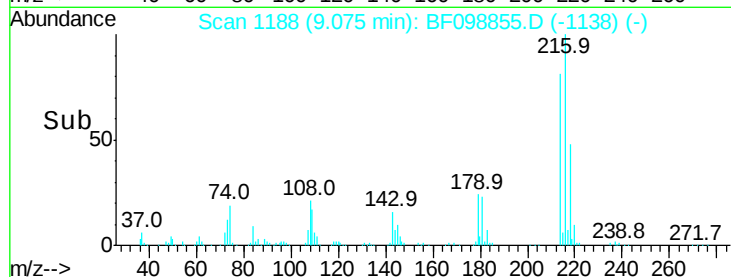


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 70.101 ng

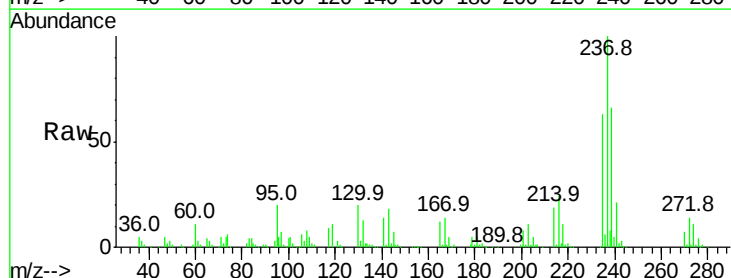
RT: 9.06 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

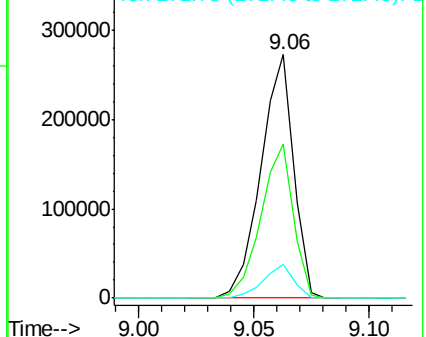
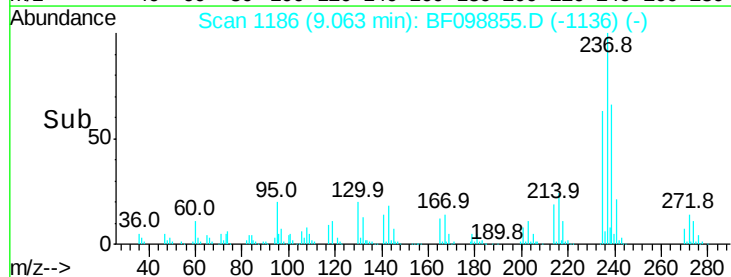
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.1	44.8	84.8
272	13.7	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 130.137 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

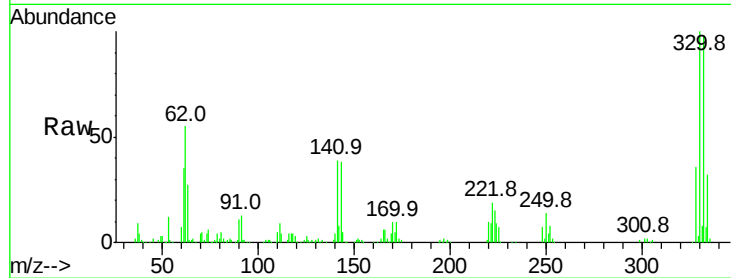
ClientSampleId :

PB102634BS

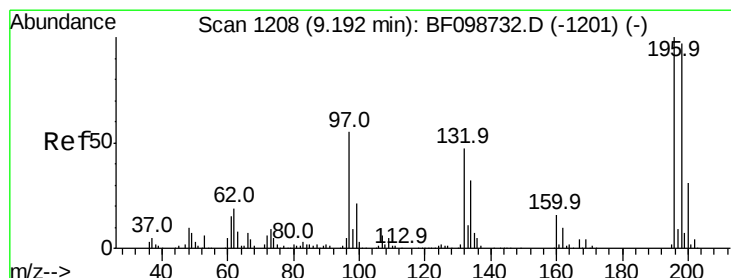
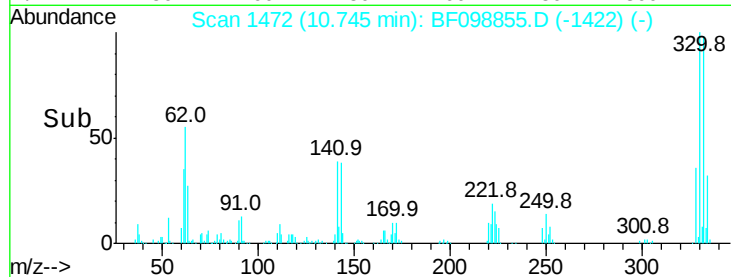
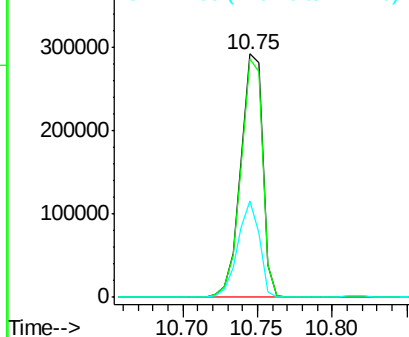
Tot Ion:	330	Resp:	299556
Ion Ratio	Lower	Upper	
330	100		
332	97.2	77.0	115.6
141	39.2	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 41.964 ng

RT: 9.19 min Scan# 1207

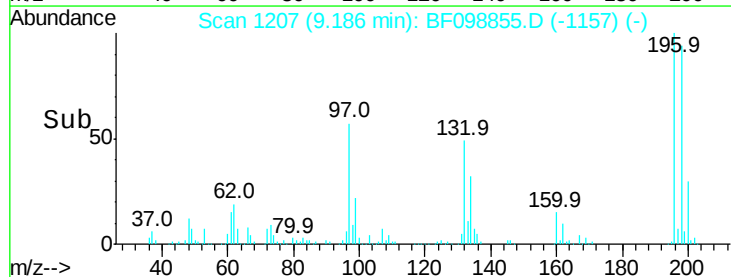
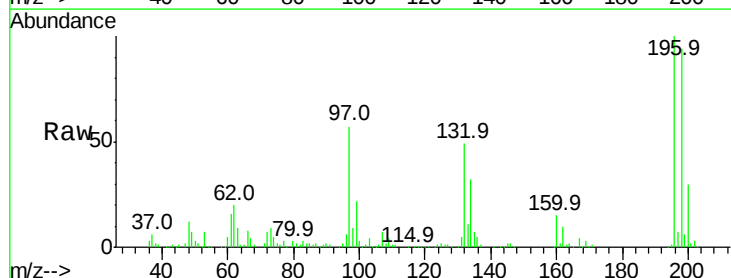
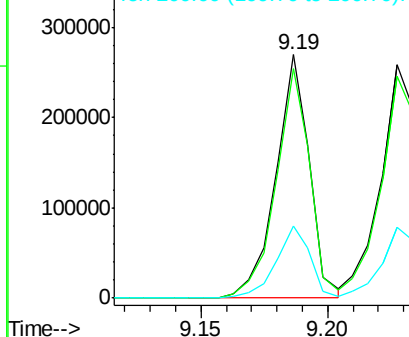
Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Tgt Ion:	196	Resp:	249402
Ion Ratio	Lower	Upper	
196	100		
198	94.2	75.7	113.5
200	29.7	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





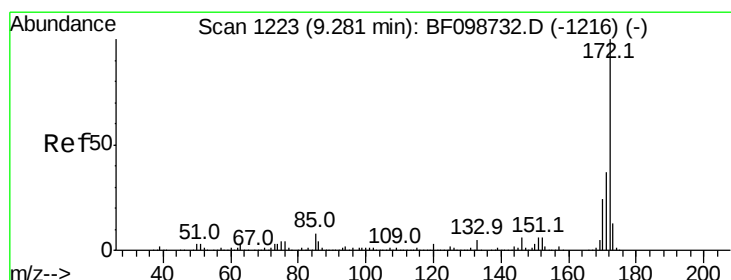
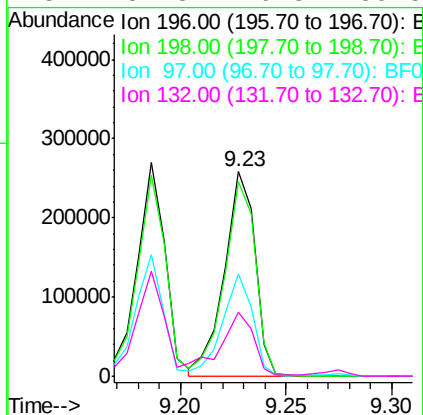
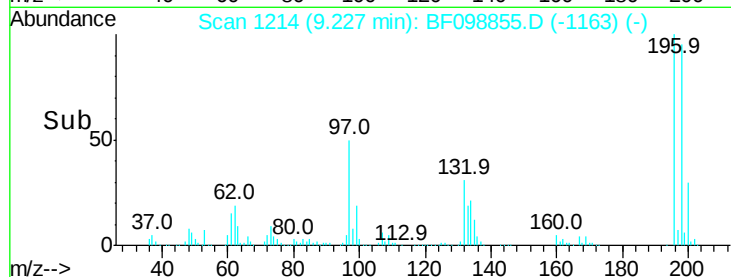
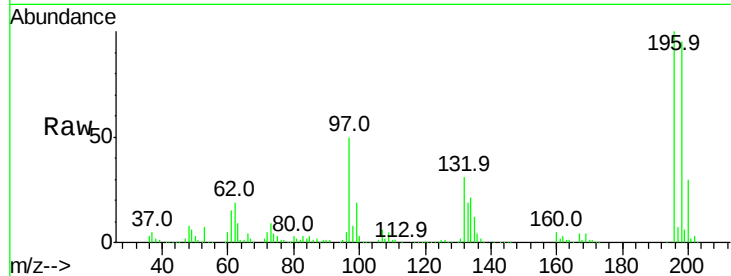
#43
 2,4,5-Trichlorophenol
 Concen: 43.806 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102634BS

Tot Ion	196	Resp	259895
Ion Ratio	Lower	Upper	
196	100		
198	95.3	74.6	112.0
97	50.2	42.9	64.3
132	31.3	26.3	39.5

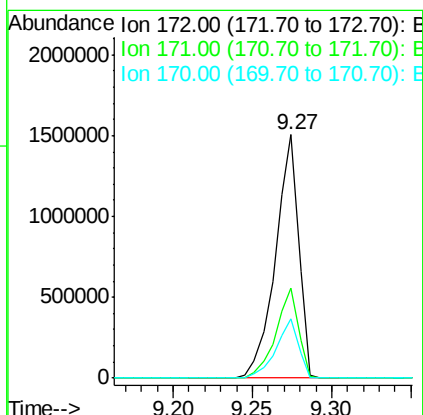
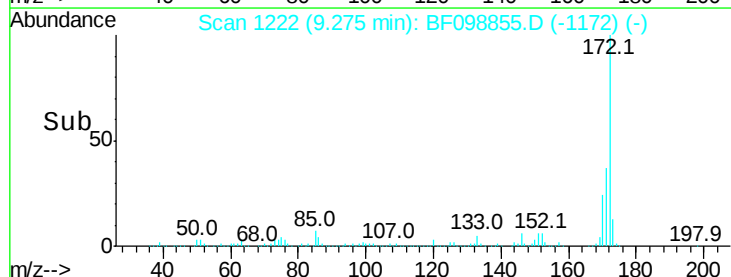
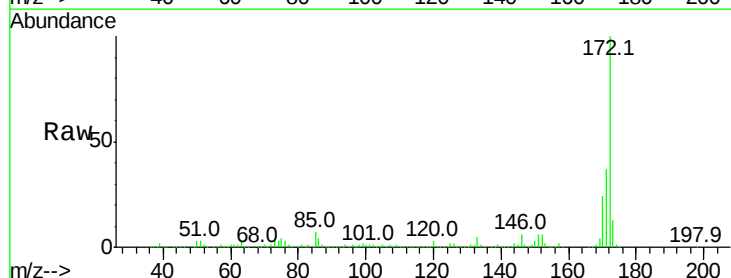
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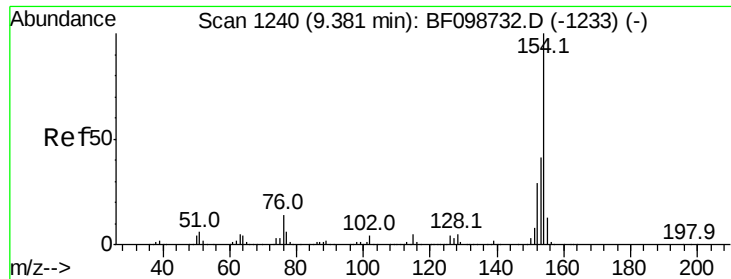
Sohil
 9/28/2017 2:32:09 PM



#44
 2-Fluorobiphenyl
 Concen: 90.680 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	172	Resp	1528022
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4





#45

1,1'-Biphenyl

Concen: 39.895 ng

RT: 9.37 min Scan# 1239

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

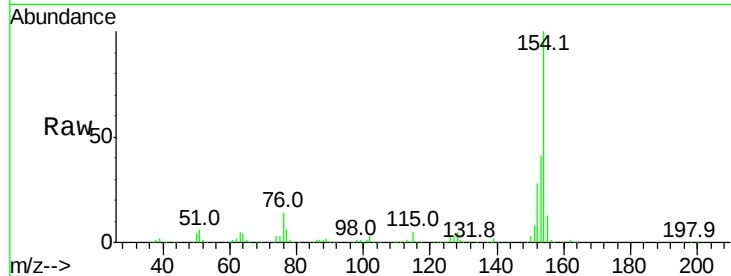
ClientSampleId :

PB102634BS

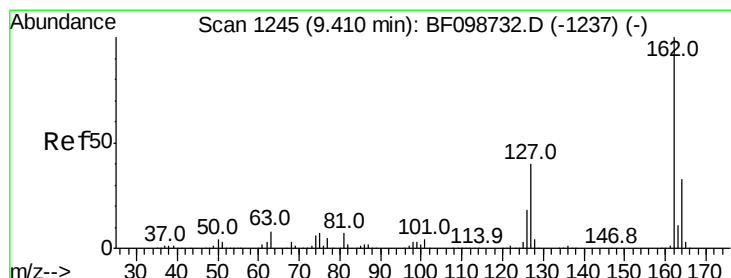
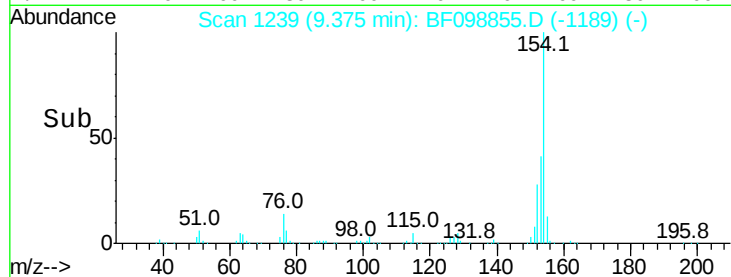
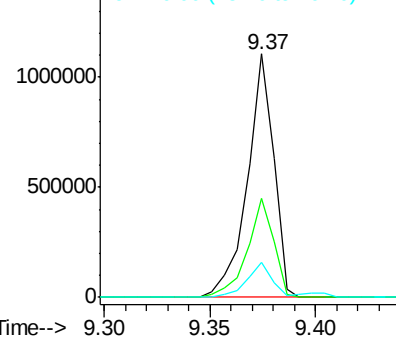
Tot Ion:	154	Resp:	964527
Ion Ratio	Lower	Upper	
154	100		
153	40.8	21.3	61.3
76	14.2	0.0	34.0

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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: 42.005 ng

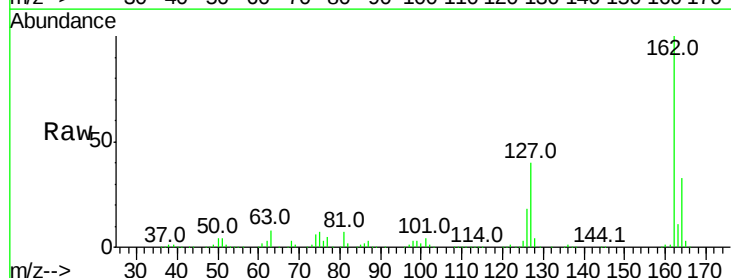
RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

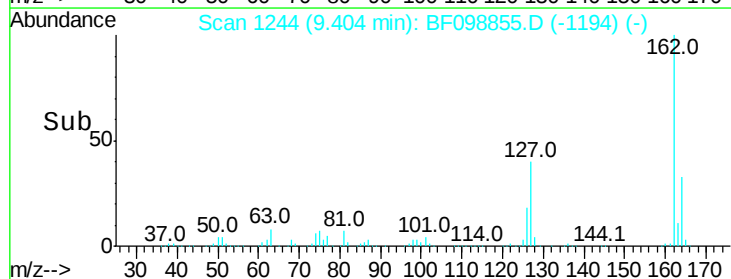
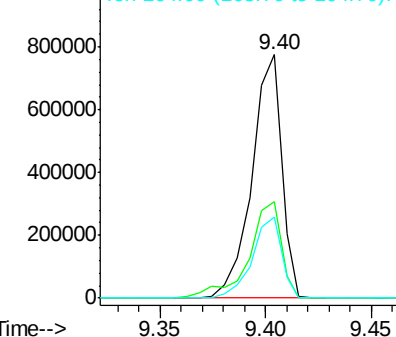
Lab File: BF098855.D

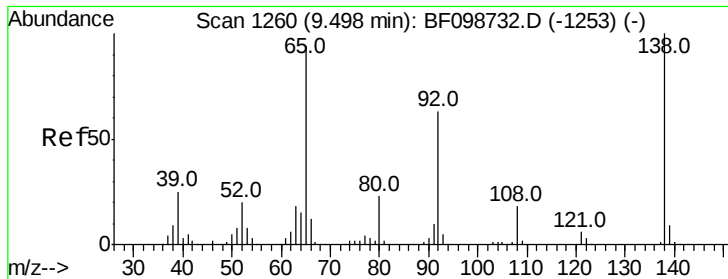
Acq: 27 Sep 2017 11:28

Tgt Ion:	162	Resp:	762496
Ion Ratio	Lower	Upper	
162	100		
127	39.6	33.9	50.9
164	33.4	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





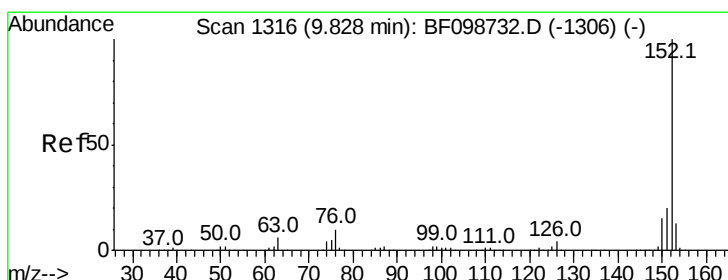
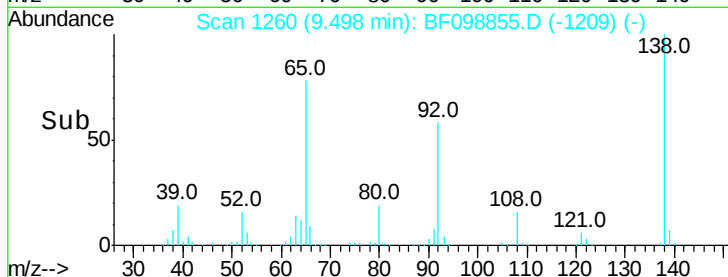
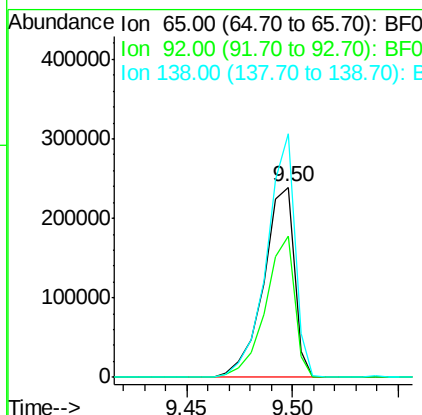
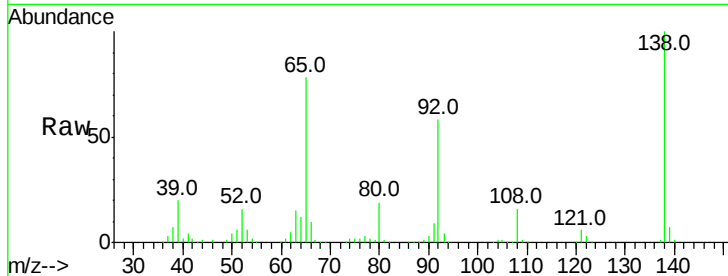
#47
2-Nitroaniline
Concen: 43.745 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.00 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :
PB102634BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.1	55.8	83.6
138	127.8	91.2	136.8

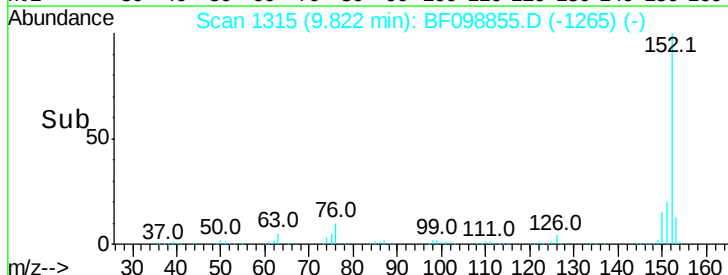
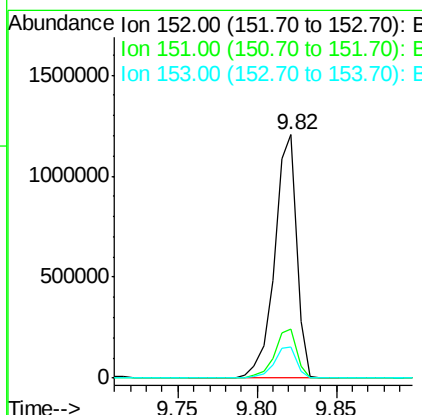
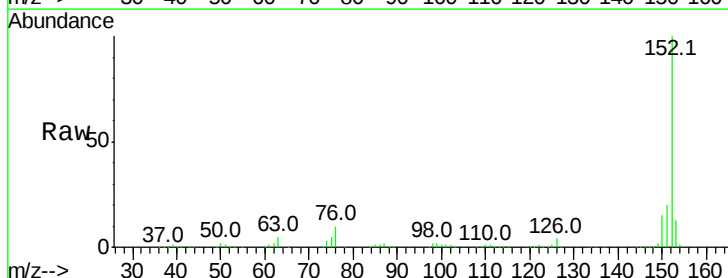
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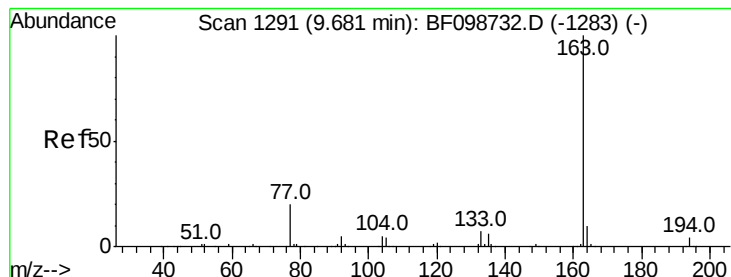
Sohil
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#48
Acenaphthylene
Concen: 42.037 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.0	10.7	16.1





#49

Dimethylphthalate

Concen: 43.679 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

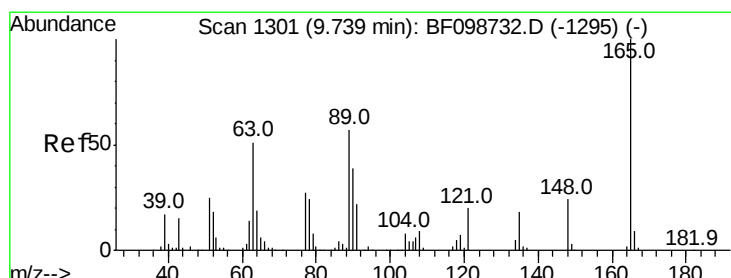
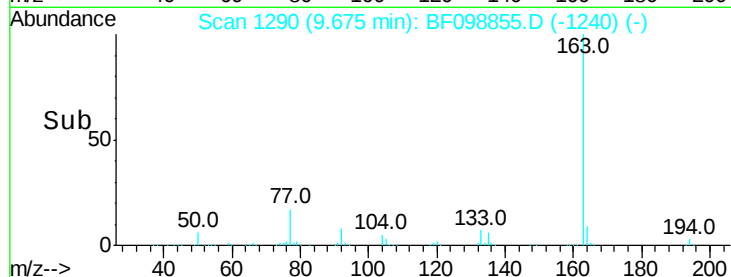
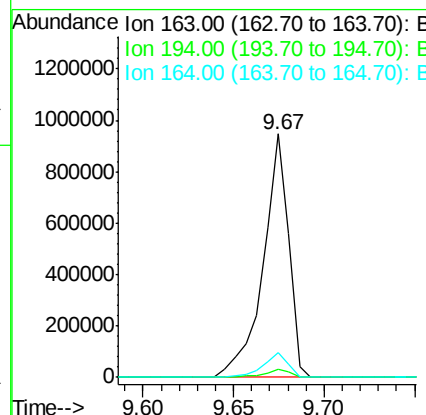
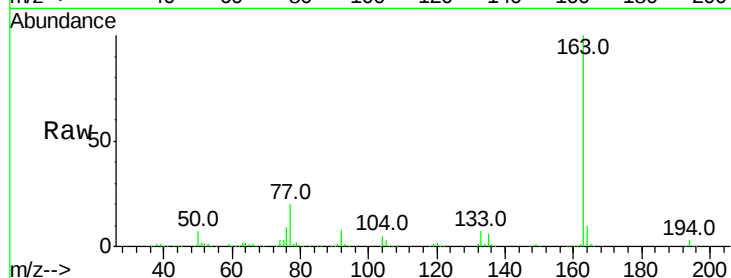
ClientSampleId :

PB102634BS

Tot Ion	163	Resp	927365
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.7	4.1
164	10.2	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 44.714 ng

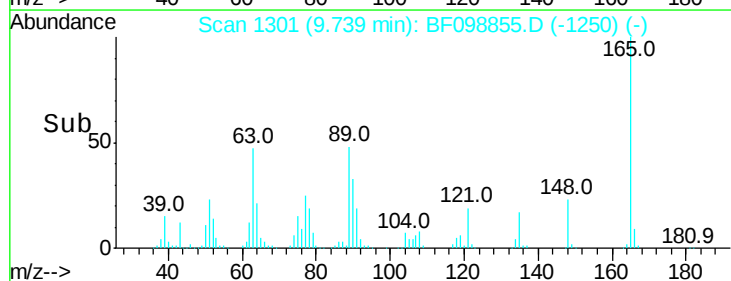
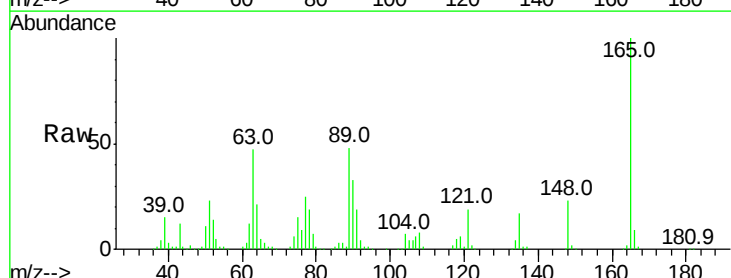
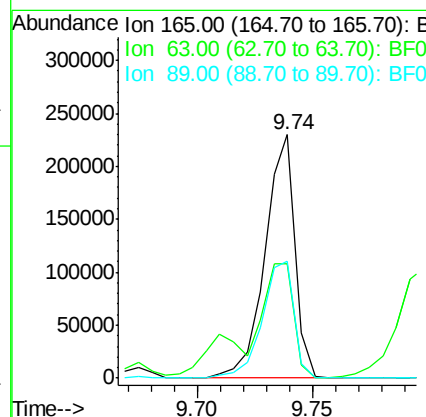
RT: 9.74 min Scan# 1301

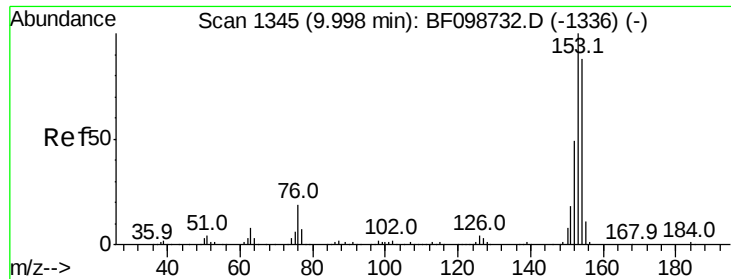
Delta R.T. -0.00 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Tgt Ion	165	Resp	206677
Ion Ratio	Lower	Upper	
165	100		
63	46.7	44.7	67.1
89	48.1	44.0	66.0





#51

Acenaphthene

Concen: 42.024 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

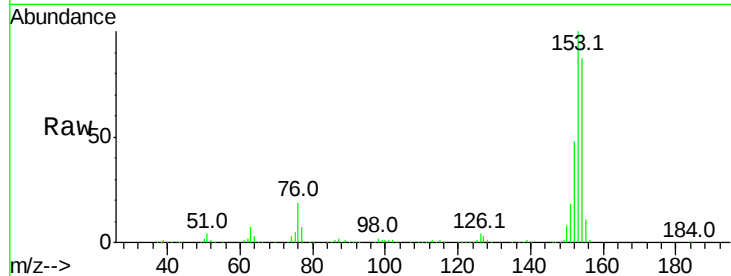
ClientSampleId :

PB102634BS

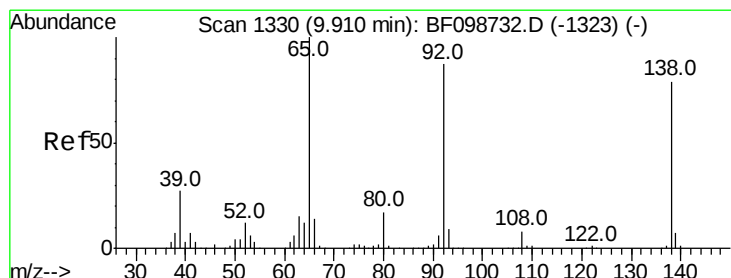
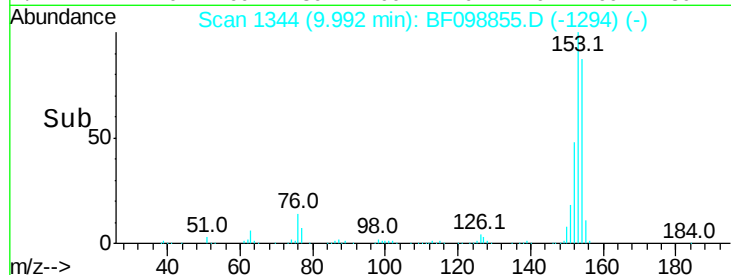
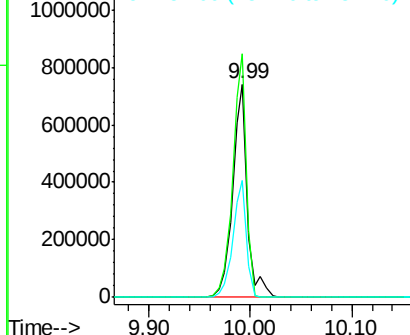
Tot Ion:	154	Resp:	739721
Ion Ratio	Lower	Upper	
154	100		
153	114.3	91.2	136.8
152	54.9	43.8	65.8

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



#52

3-Nitroaniline

Concen: 28.762 ng

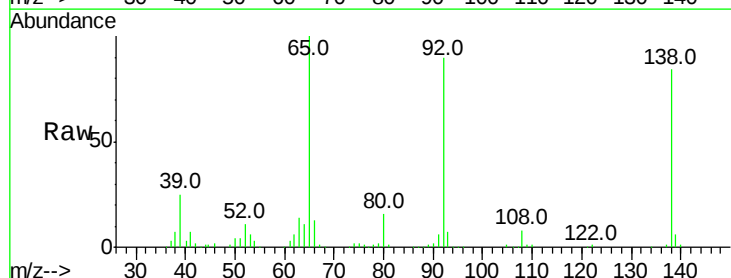
RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

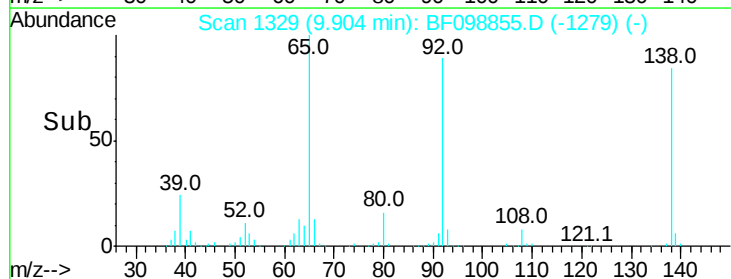
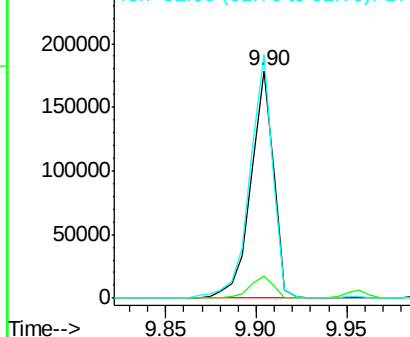
Lab File: BF098855.D

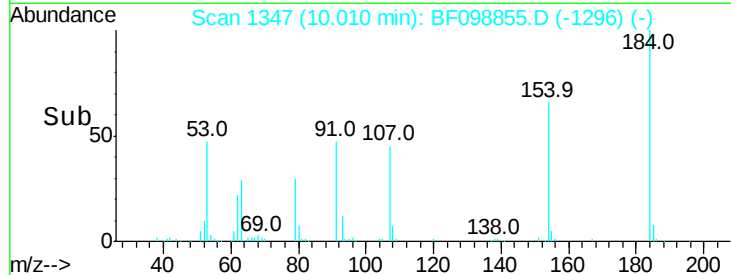
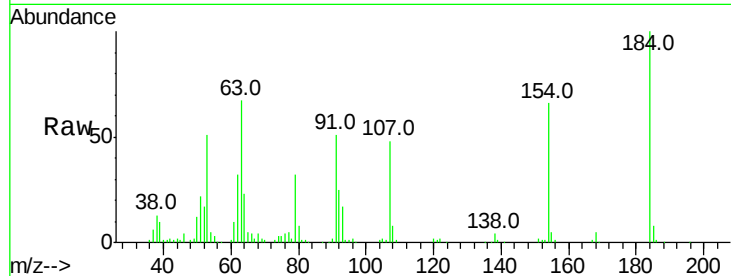
Acq: 27 Sep 2017 11:28

Tgt Ion:	138	Resp:	155013
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	107.2	89.4	134.2



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





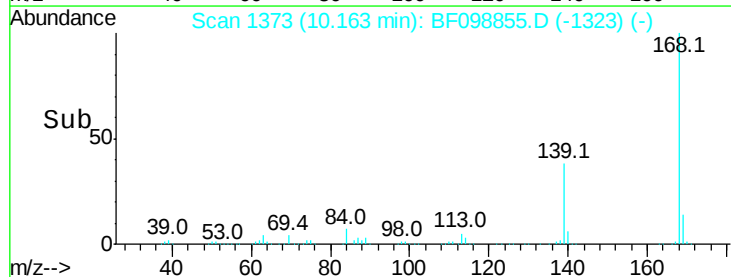
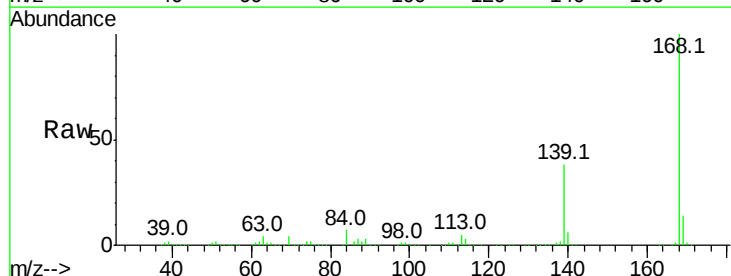
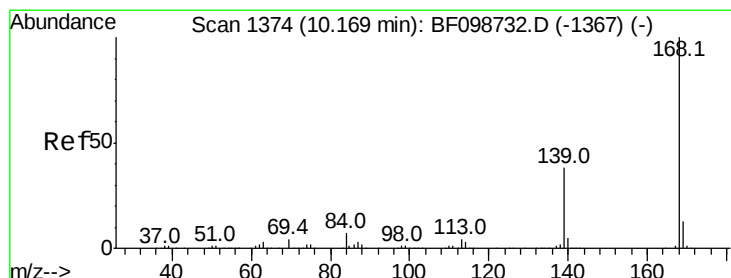
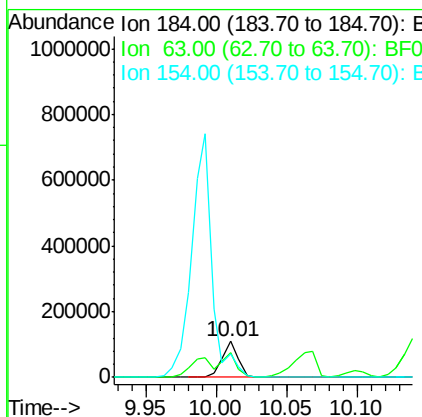
#53
2,4-Dinitrophenol
Concen: 39.481 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.2	54.2	81.2
154	66.2	53.5	80.3

Instrument :
BNA_F
ClientSampleId :
PB102634BS

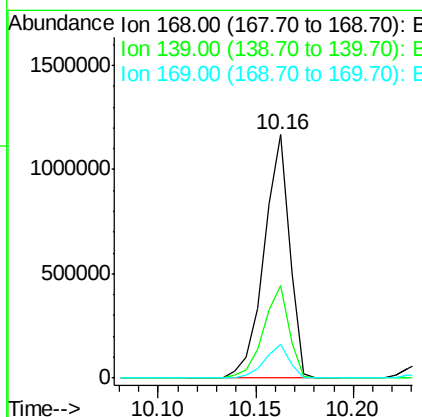
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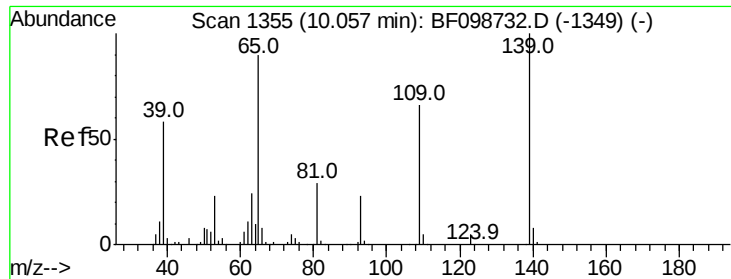
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#54
Dibenzofuran
Concen: 45.068 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	13.6	10.9	16.3





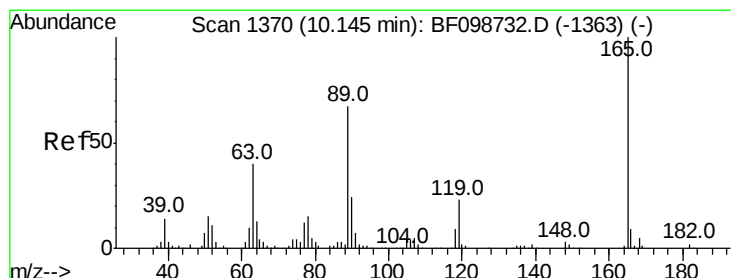
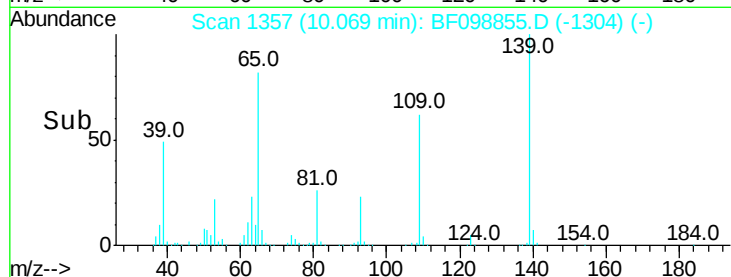
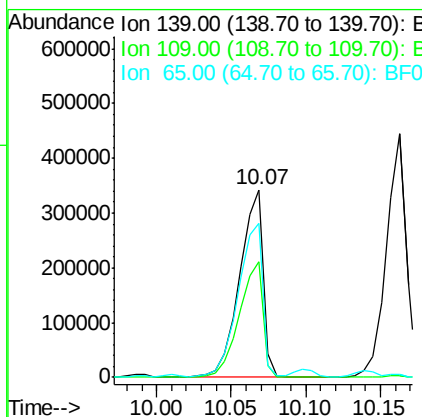
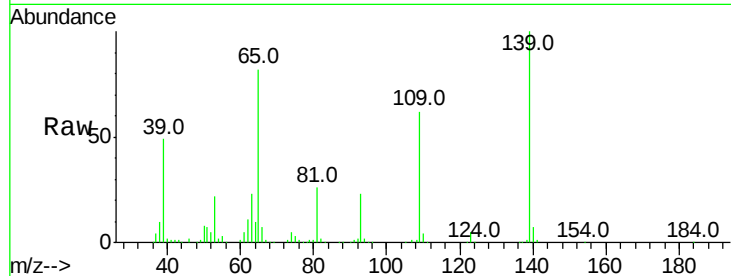
#55
4-Nitrophenol
Concen: 82.402 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :
PB102634BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	375525		
109	61.8	48.4	88.4	
65	82.4	72.6	112.6	

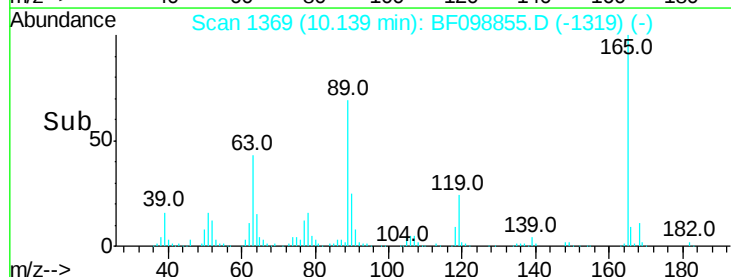
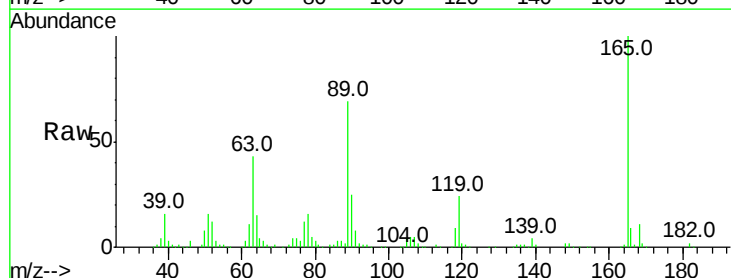
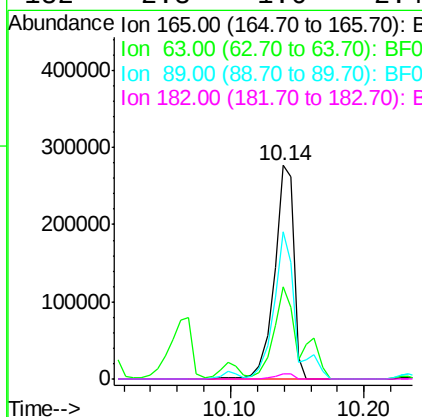
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#56
2,4-Dinitrotoluene
Concen: 46.799 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	280739		
63	43.2	36.4	54.6	
89	69.2	57.8	86.6	
182	2.3	1.6	2.4	





#57

Fluorene

Concen: 42.493 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

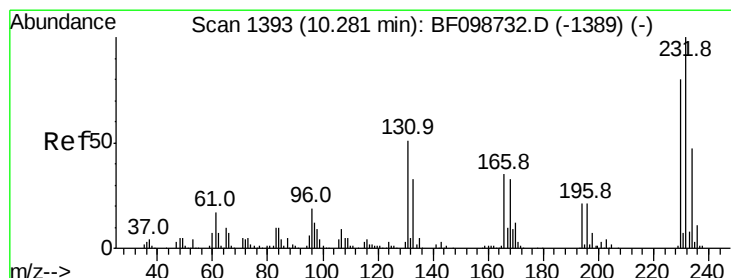
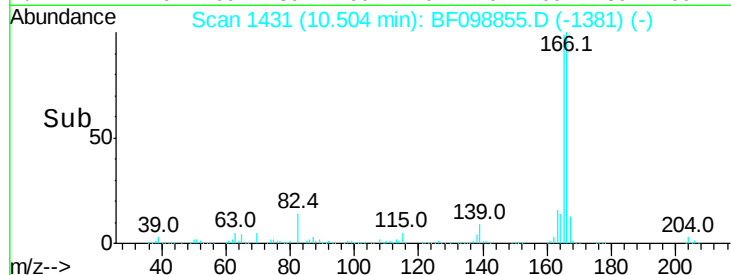
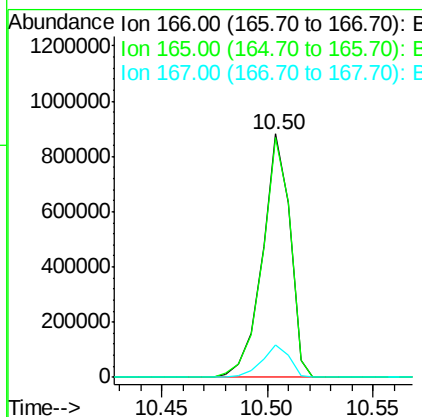
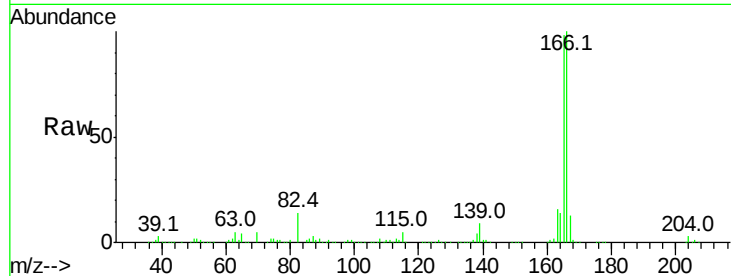
ClientSampleId :

PB102634BS

Tot Ion:	166	Resp:	800478
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.8	119.8
167	13.5	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.814 ng

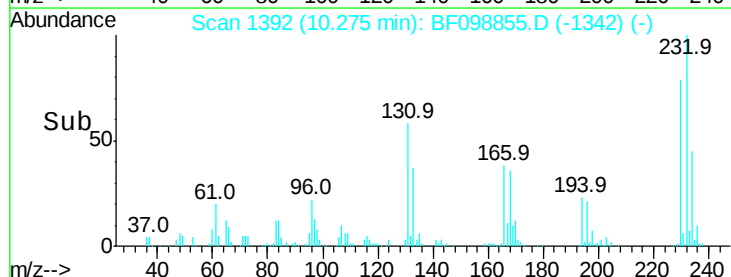
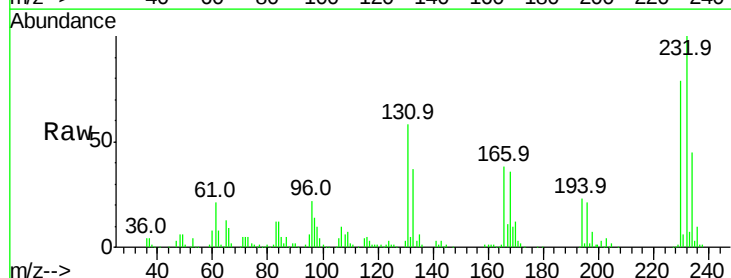
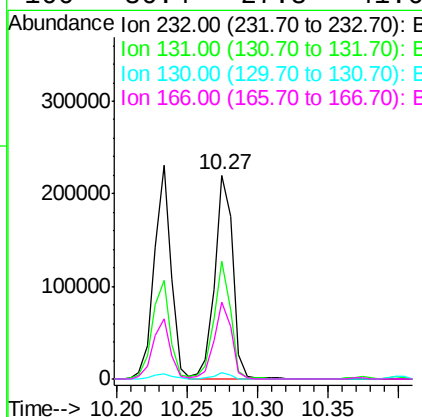
RT: 10.27 min Scan# 1392

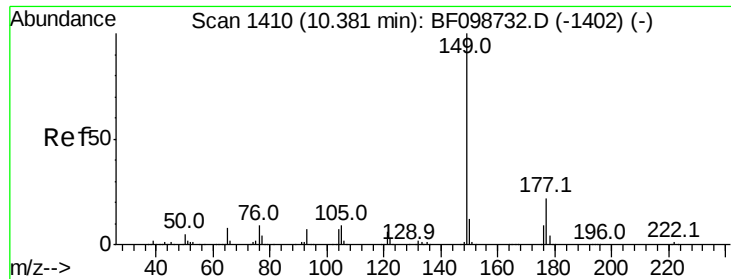
Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Tgt Ion:	232	Resp:	195960
Ion Ratio	Lower	Upper	
232	100		
131	53.6	43.8	65.8
130	2.7	2.1	3.1
166	36.4	27.8	41.6





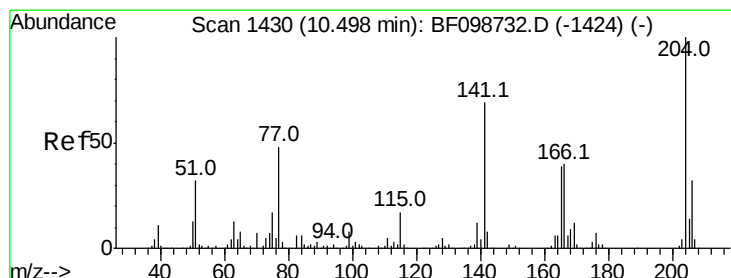
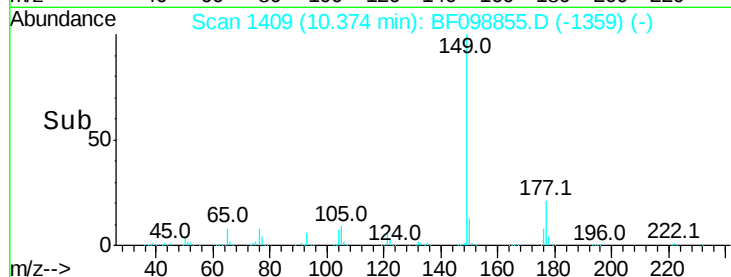
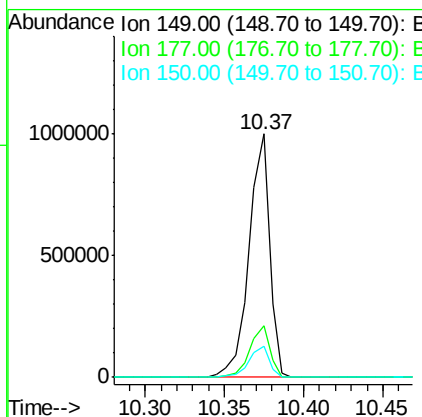
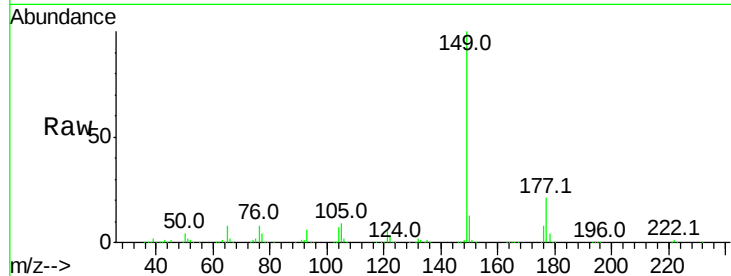
#59
Diethylphthalate
Concen: 43.318 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampled :
PB102634BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	898690		
177	21.4		16.1	24.1
150	12.5		10.1	15.1

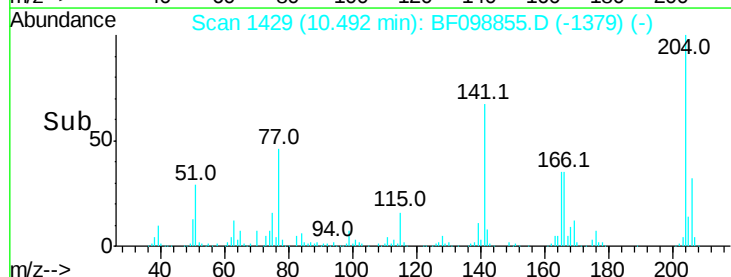
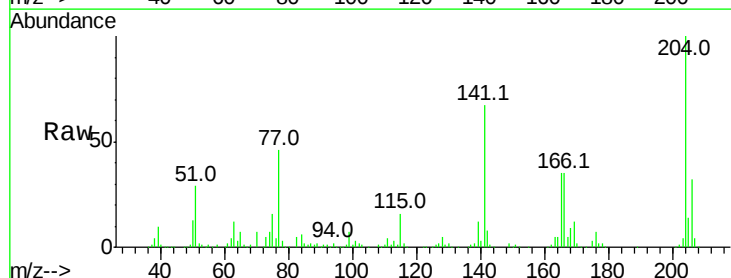
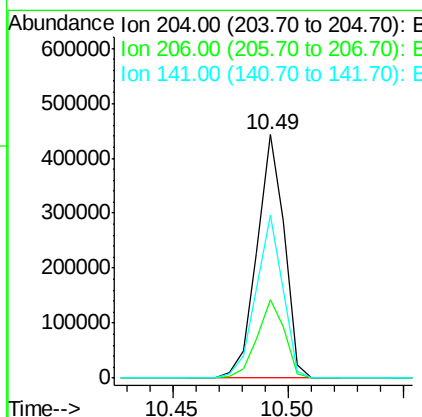
Manual Integrations
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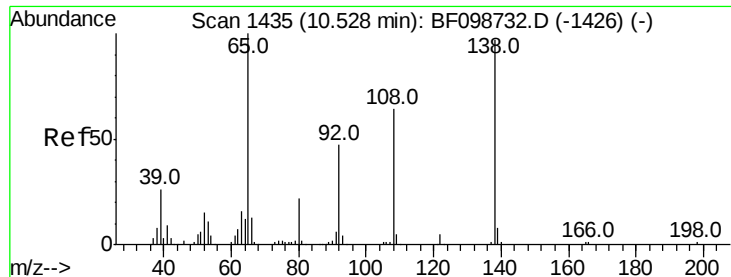
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 43.506 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	368144		
206	32.2		26.5	39.7
141	67.1		54.6	81.8





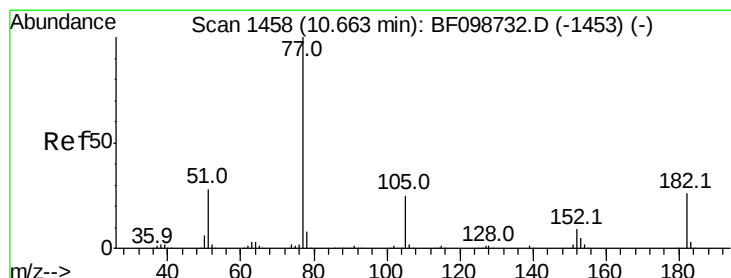
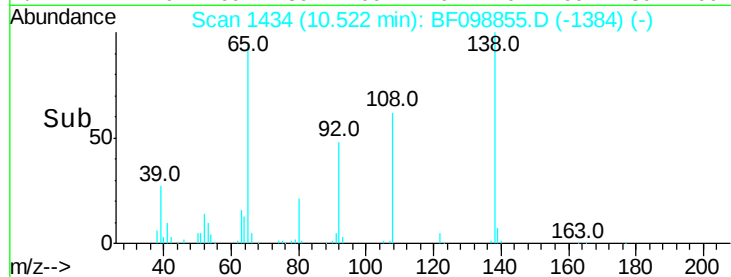
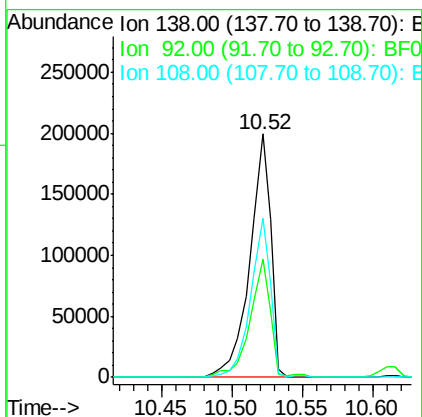
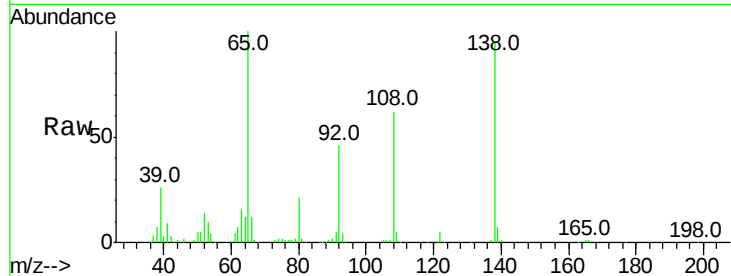
#61
4-Nitroaniline
Concen: 40.237 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampled :
PB102634BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	209217		
92	48.5	30.2	70.2	
108	65.6	52.5	92.5	

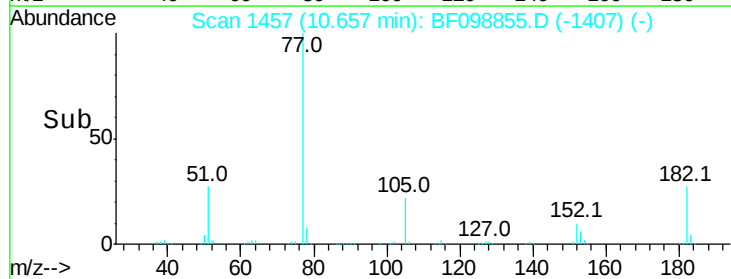
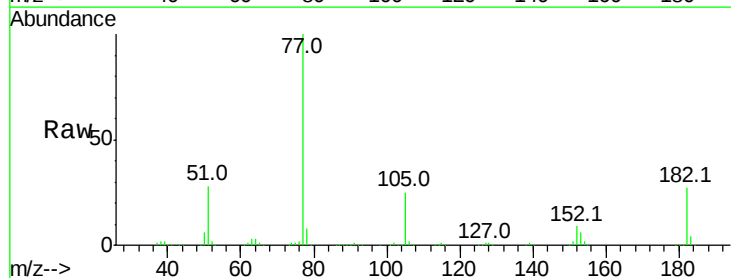
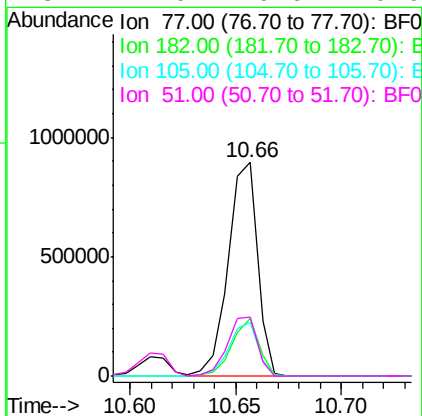
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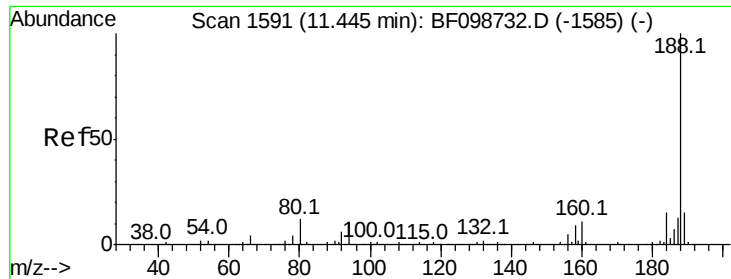
Sohil
9/28/2017 2:32:09 PM



#62
Azobenzene
Concen: 45.040 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	859158		
182	26.9	1.7	41.7	
105	24.9	3.0	43.0	
51	27.9	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

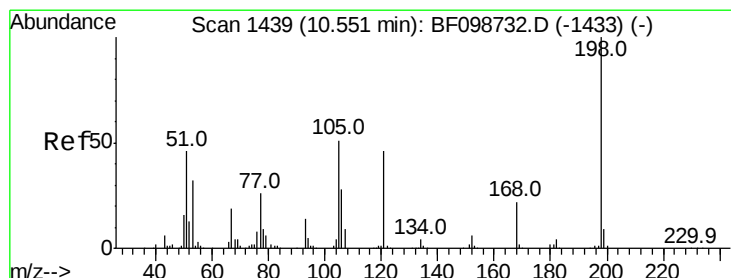
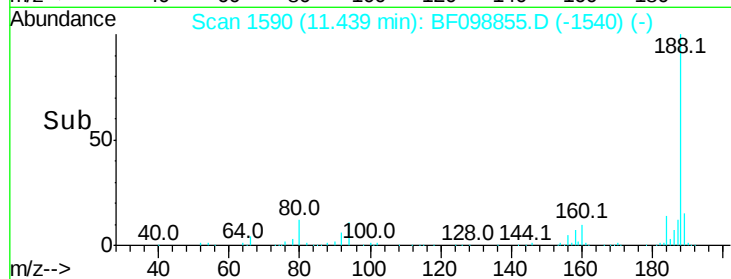
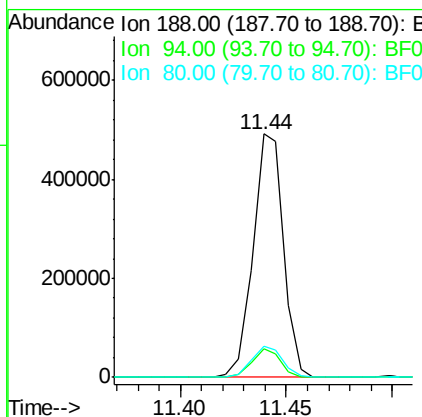
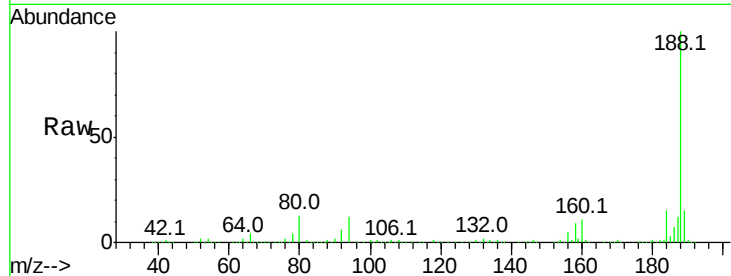
ClientSampleId :

PB102634BS

Tot Ion:	188	Resp:	490883
Ion Ratio	Lower	Upper	
188	100		
94	11.7	8.5	12.7
80	12.9	9.2	13.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 26.499 ng

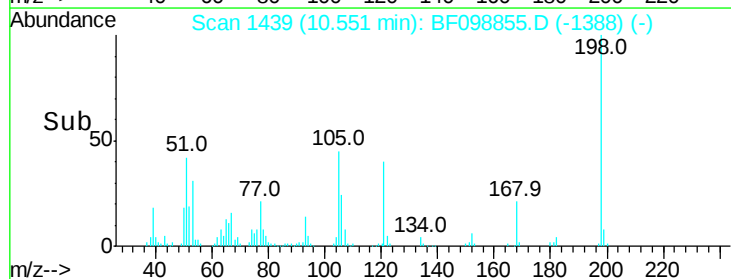
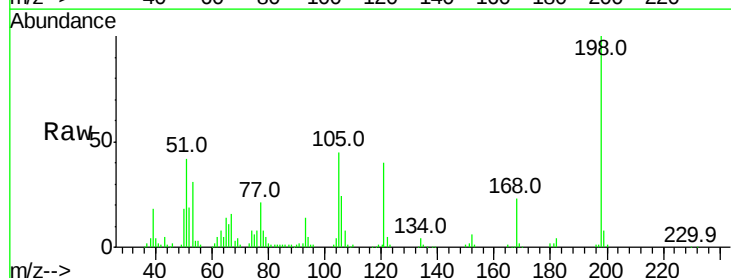
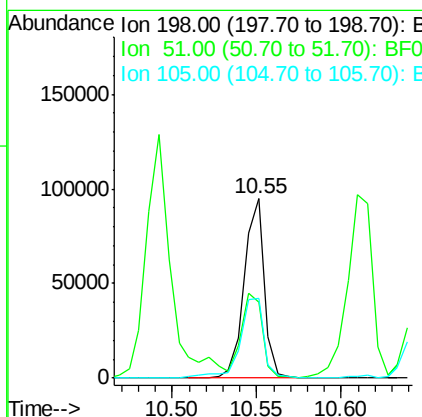
RT: 10.55 min Scan# 1439

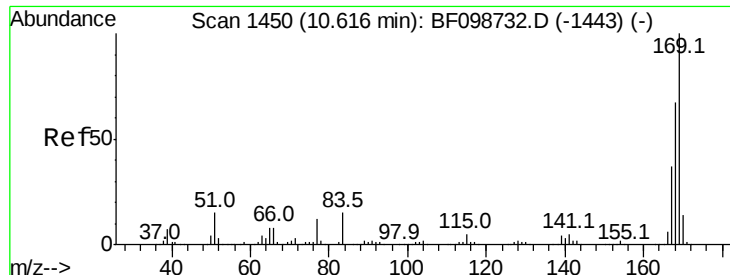
Delta R.T. -0.00 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Tgt Ion:	198	Resp:	79142
Ion Ratio	Lower	Upper	
198	100		
51	42.1	37.7	77.7
105	44.6	36.3	76.3





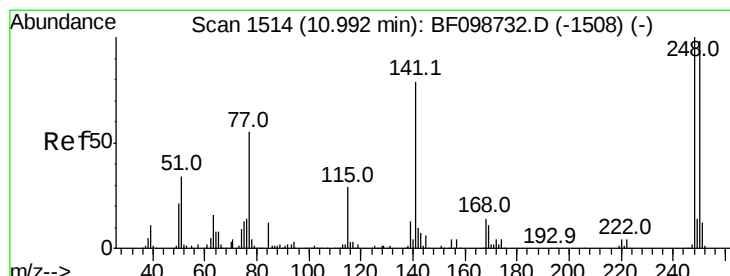
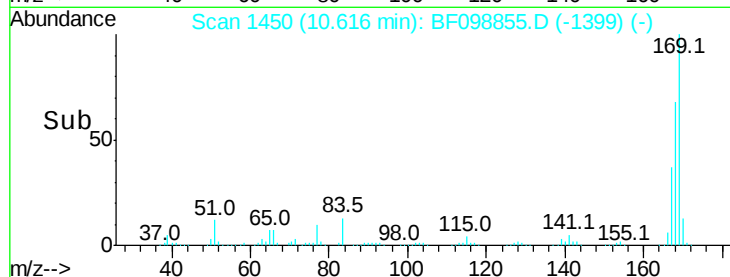
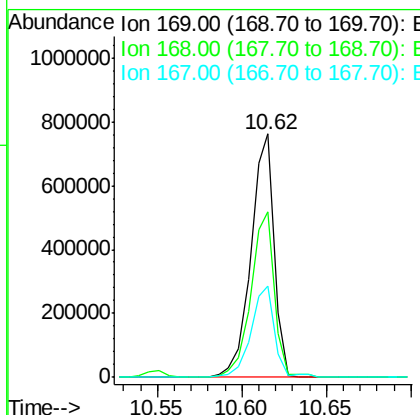
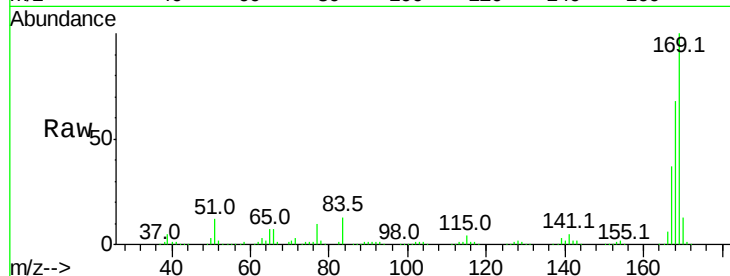
#65
 n-Nitrosodiphenylamine
 Concen: 43.136 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.00 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102634BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	733550		
168	68.0		54.4	81.6
167	37.5		29.8	44.6

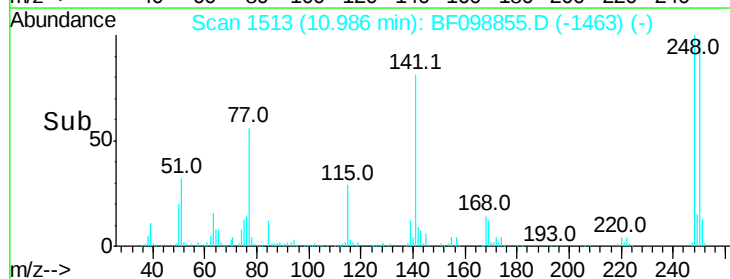
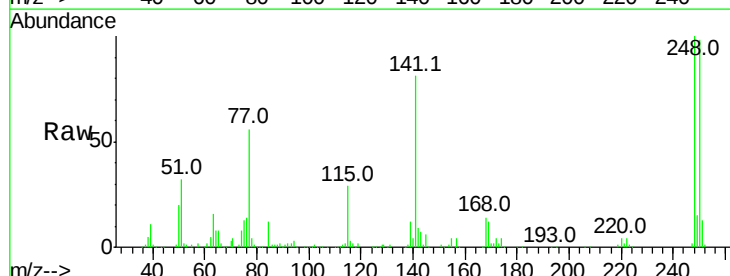
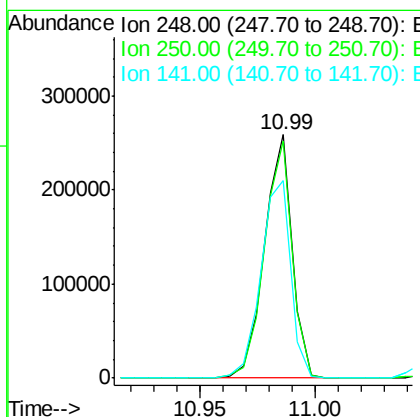
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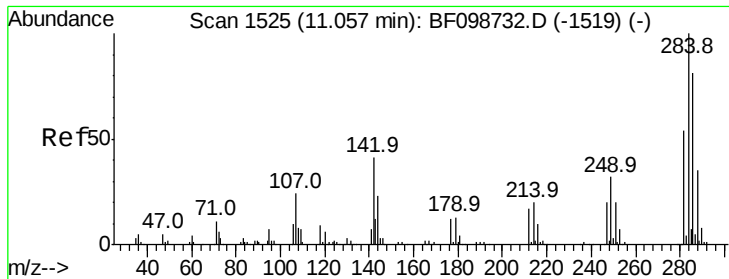
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 44.946 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	215962		
250	97.6		76.9	115.3
141	80.9		74.4	111.6





#67

Hexachlorobenzene

Concen: 41.939 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

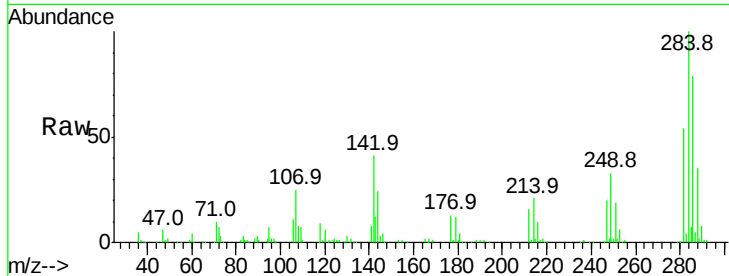
ClientSampleId :

PB102634BS

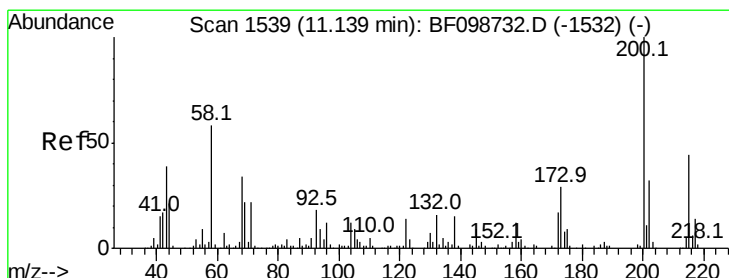
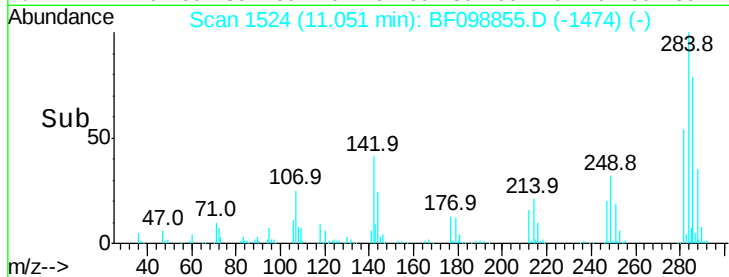
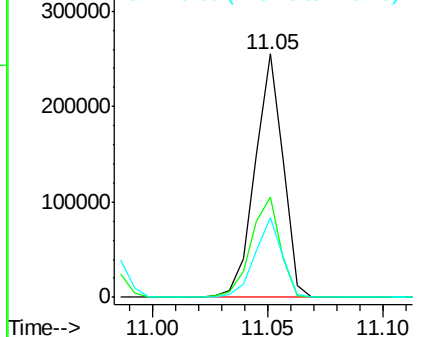
Tot Ion:	284	Resp:	215225
Ion Ratio		Lower	Upper
284	100		
142	41.2	34.6	52.0
249	32.6	24.8	37.2

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



#68

Atrazine

Concen: 45.637 ng

RT: 11.14 min Scan# 1539

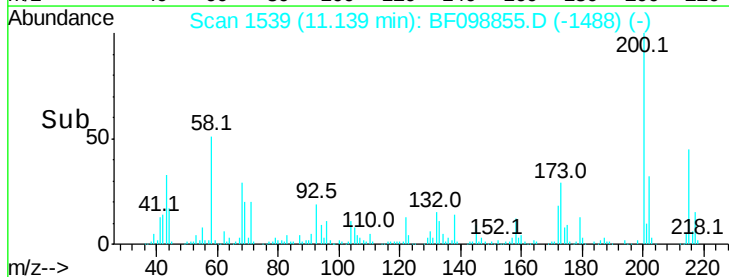
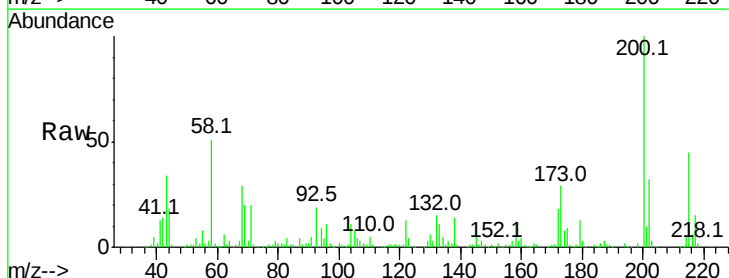
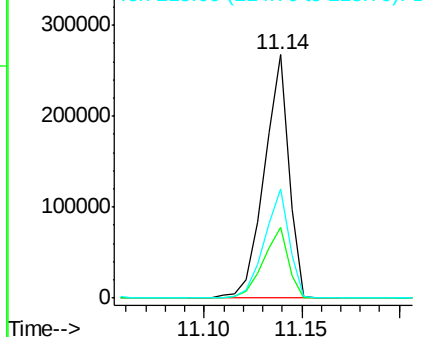
Delta R.T. -0.00 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Tgt Ion:	200	Resp:	233499
Ion Ratio		Lower	Upper
200	100		
173	29.0	8.6	48.6
215	45.1	25.1	65.1

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





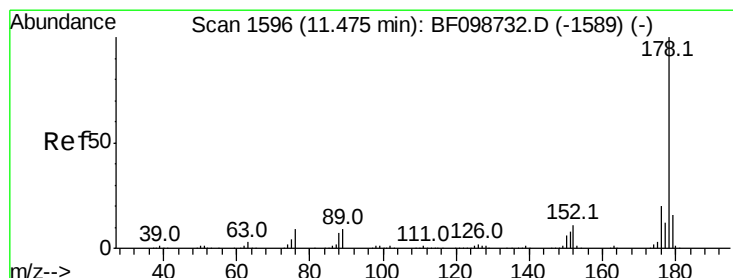
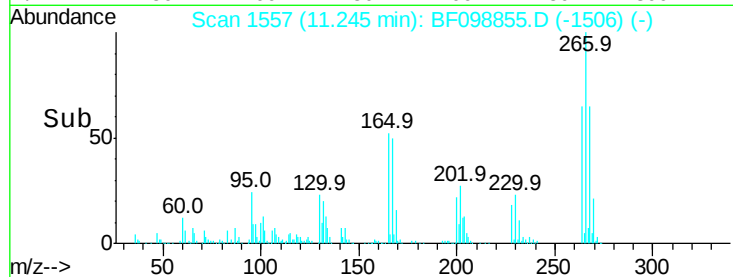
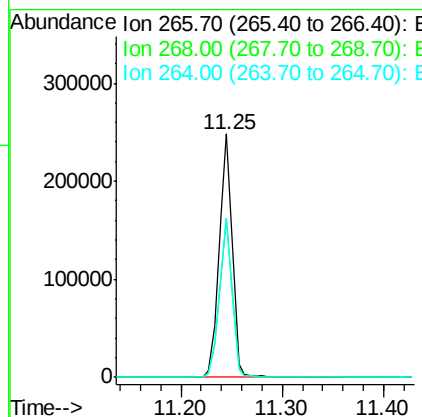
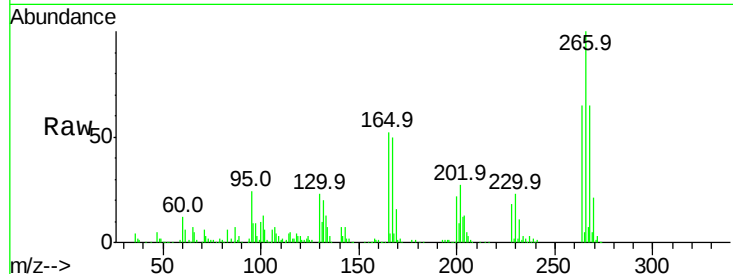
#69
 Pentachlorophenol
 Concen: 70.359 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102634BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	224717		
268	65.5	51.1	76.7	
264	65.2	49.5	74.3	

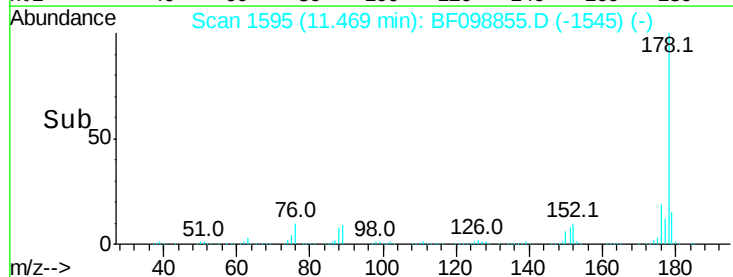
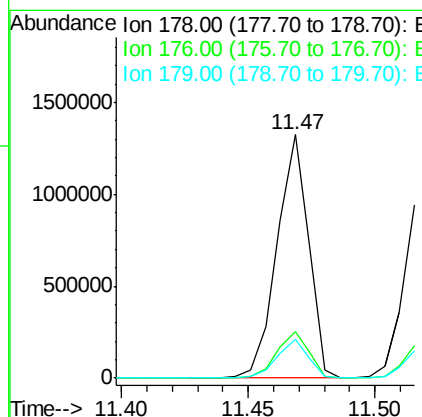
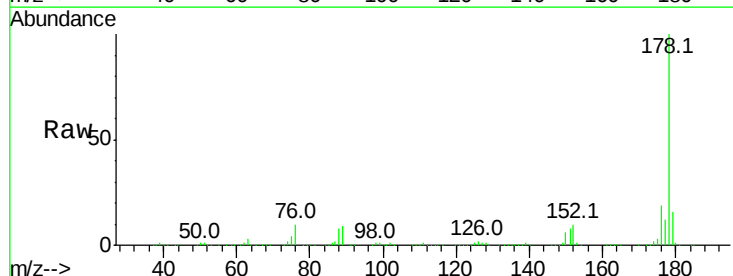
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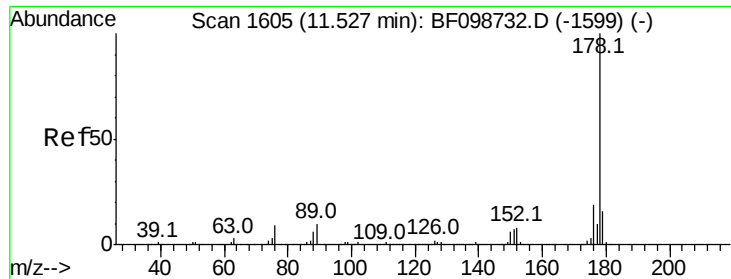
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#70
 Phenanthrene
 Concen: 44.170 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1160598		
176	19.3	15.8	23.8	
179	15.8	13.0	19.6	





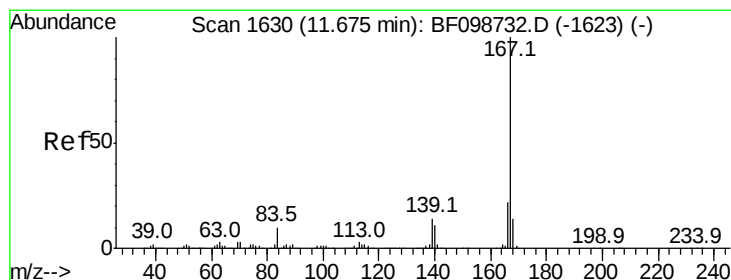
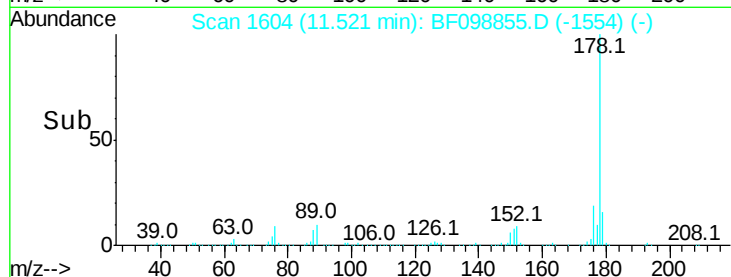
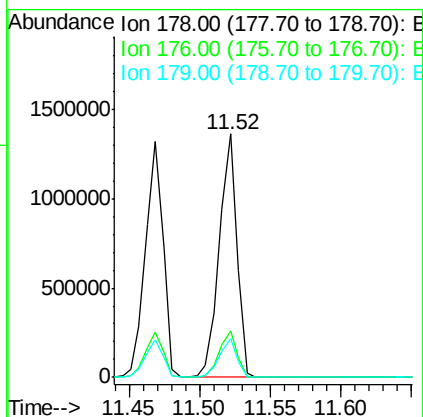
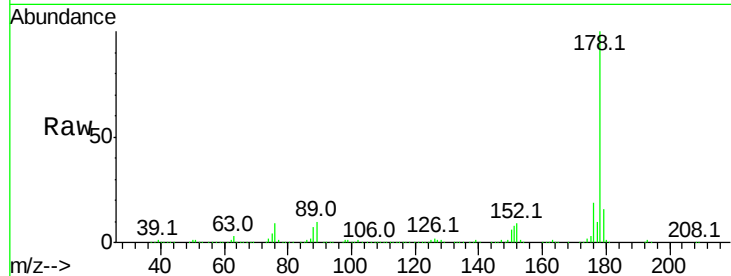
#71
 Anthracene
 Concen: 44.306 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102634BS

Tot Ion:178 Resp: 1191168
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.8 12.6 19.0

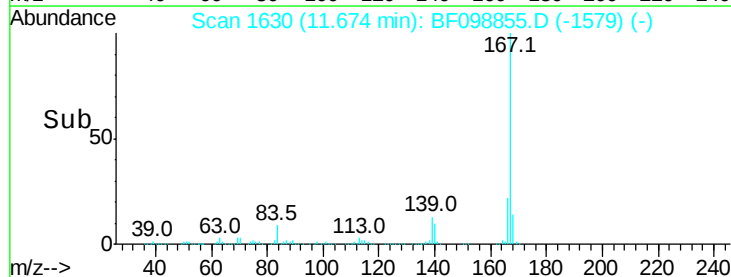
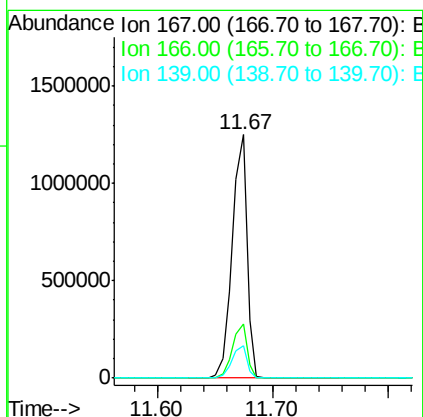
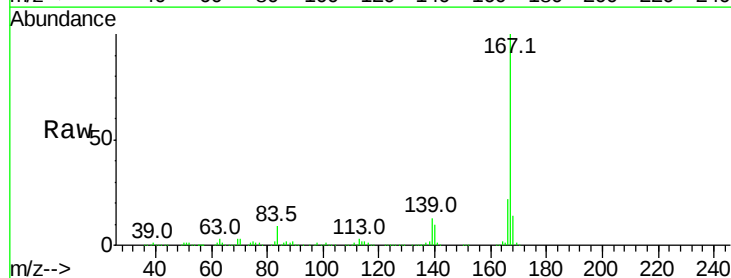
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 9/28/2017 2:32:09 PM



#72
 Carbazole
 Concen: 42.323 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion:167 Resp: 1114261
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 44.664 ng

RT: 12.00 min Scan# 1685

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

ClientSampleId :

PB102634BS

Tot Ion:149 Resp: 1415389

Ion Ratio Lower Upper

149 100

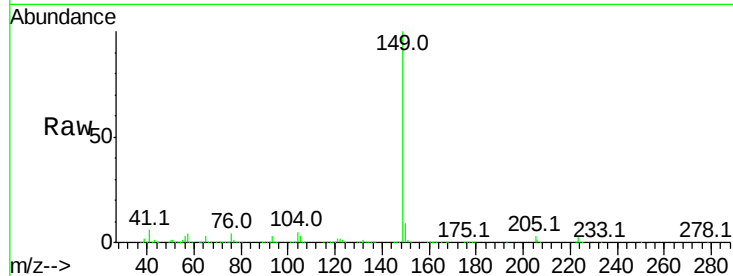
150 9.4 7.8 11.6

104 4.5 3.8 5.8

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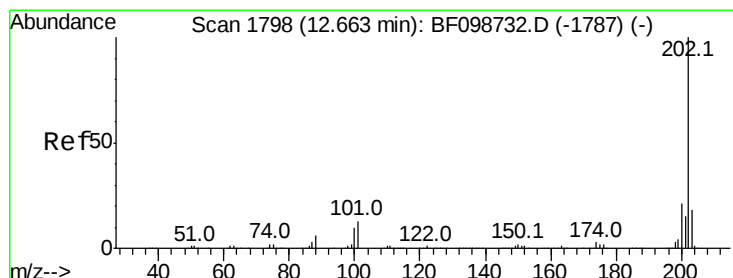
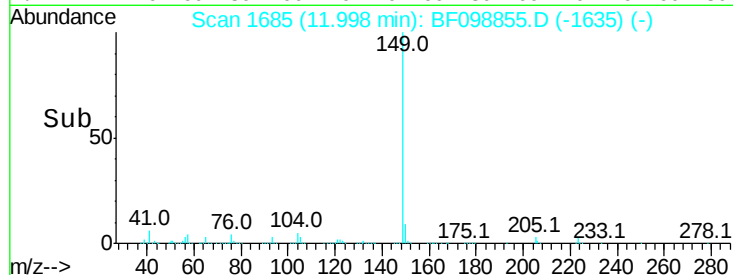
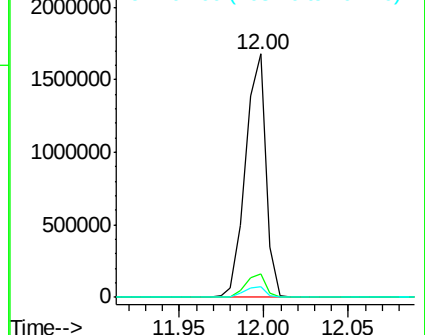
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.354 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

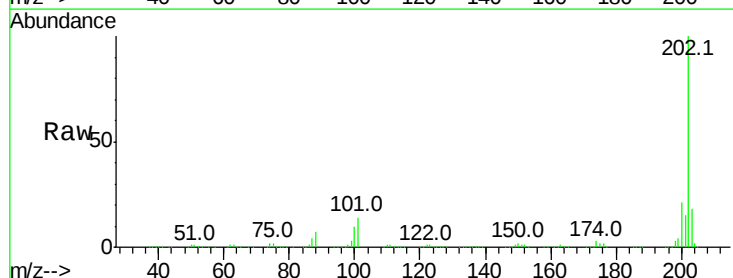
Tgt Ion:202 Resp: 1126903

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

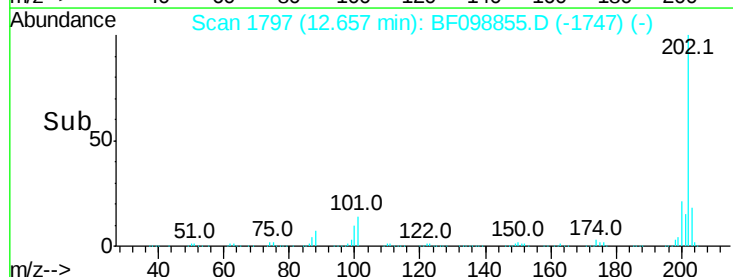
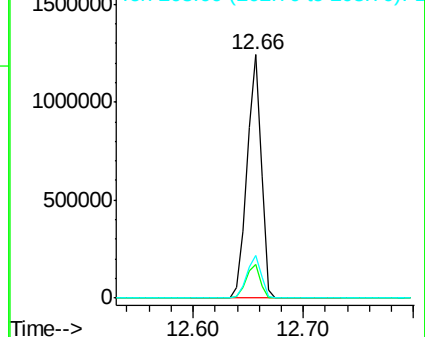
203 17.7 0.0 38.1

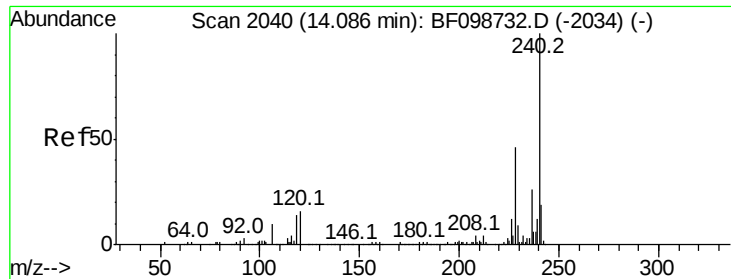


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





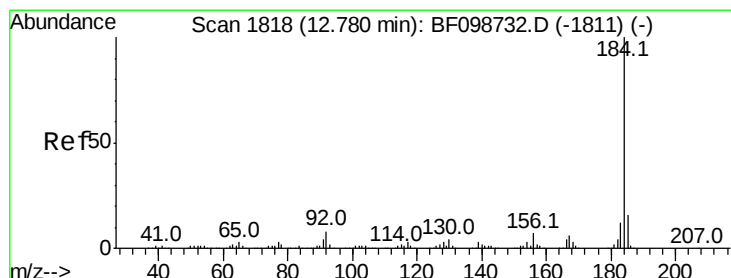
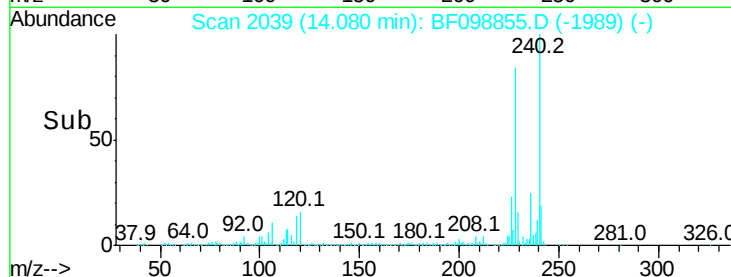
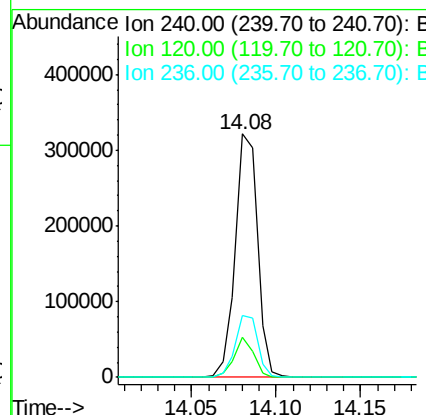
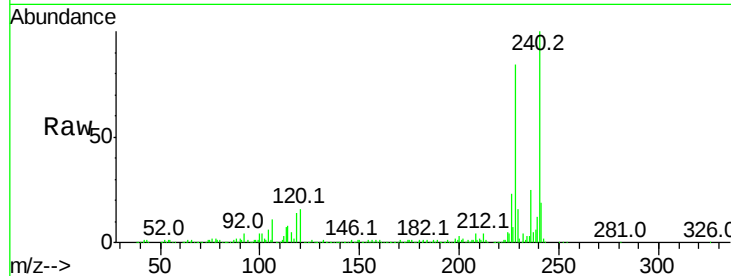
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102634BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	295104		
120	16.5	9.5	14.3#	
236	25.3	20.7	31.1	

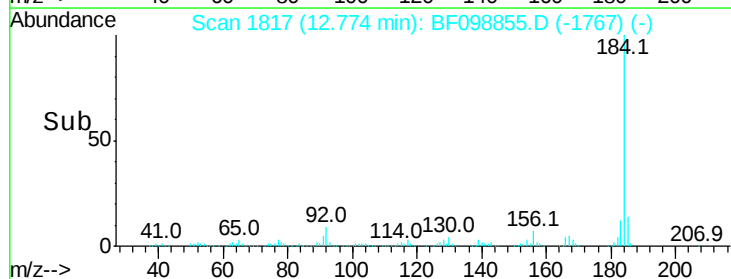
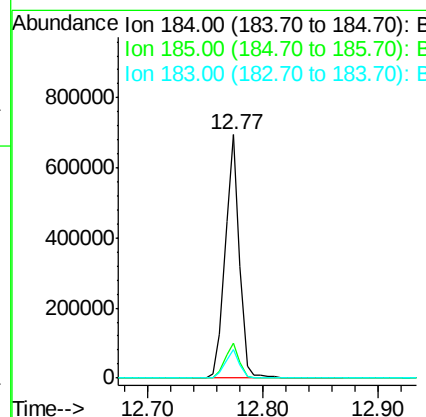
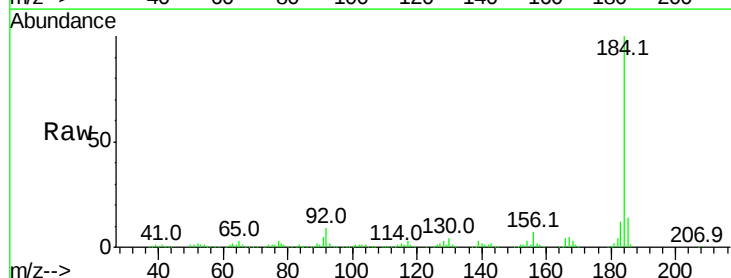
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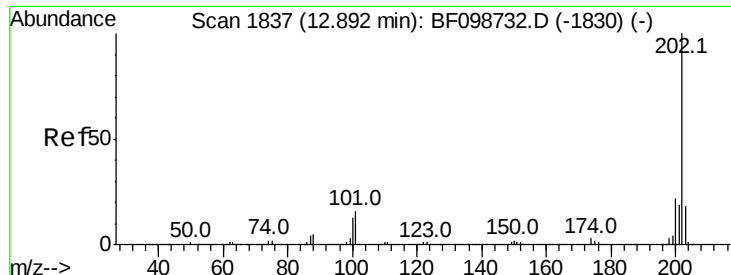
Sohil
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#76
 Benzidine
 Concen: 54.097 ng
 RT: 12.77 min Scan# 1817
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	590462		
185	14.5	12.6	18.8	
183	12.0	9.3	13.9	





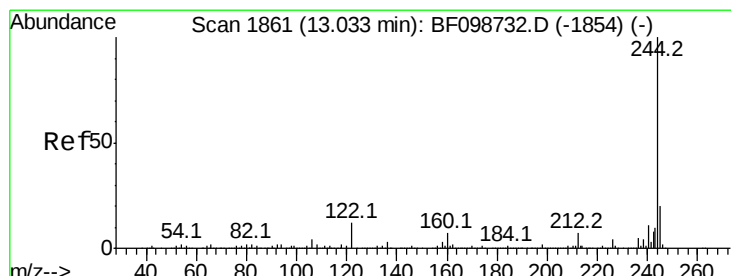
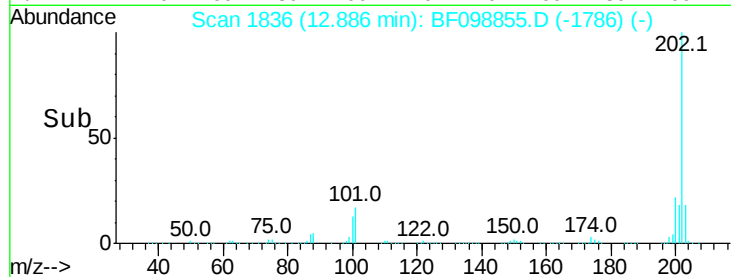
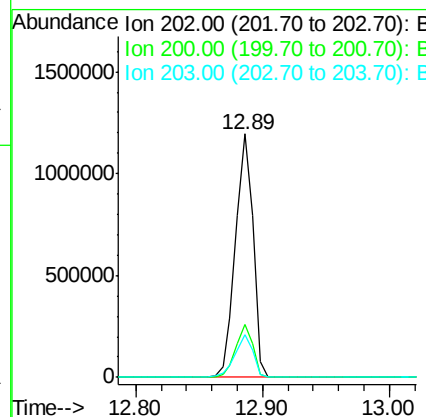
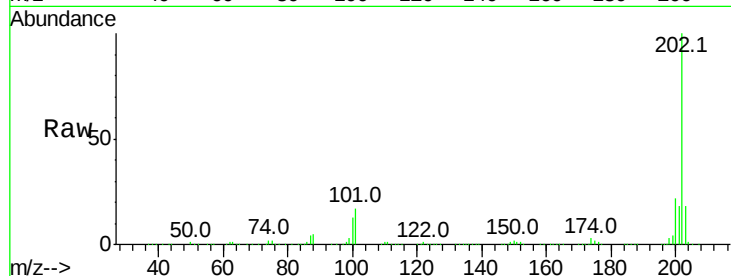
#77
Pvrene
Concen: 50.604 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :
PB102634BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.7	14.3	21.5

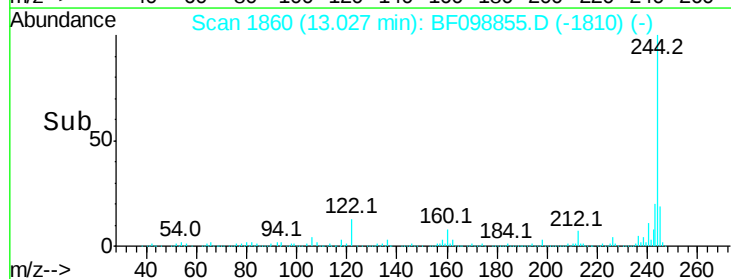
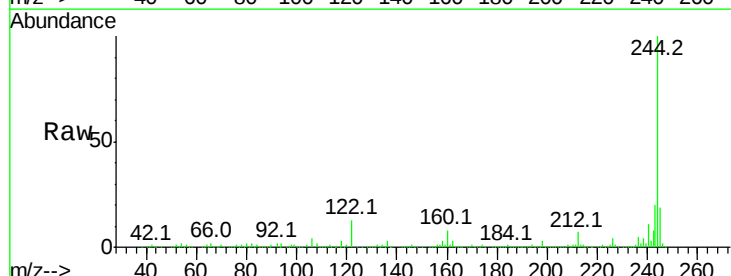
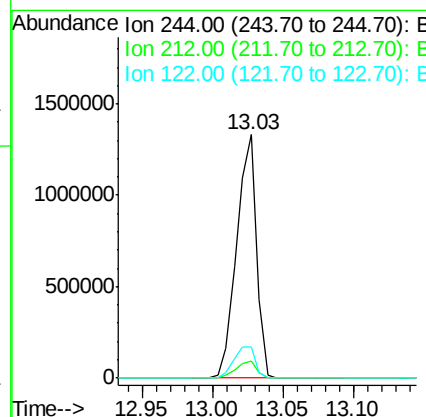
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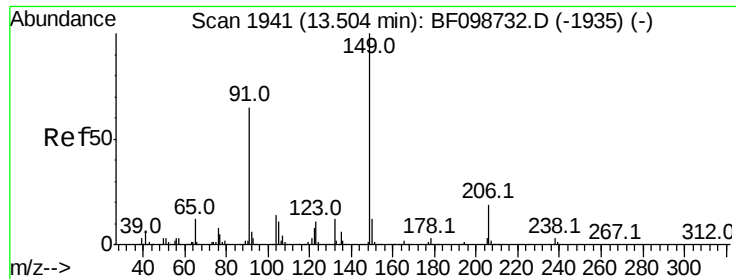
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#78
Terphenyl-d14
Concen: 99.902 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	13.0	11.0	16.4





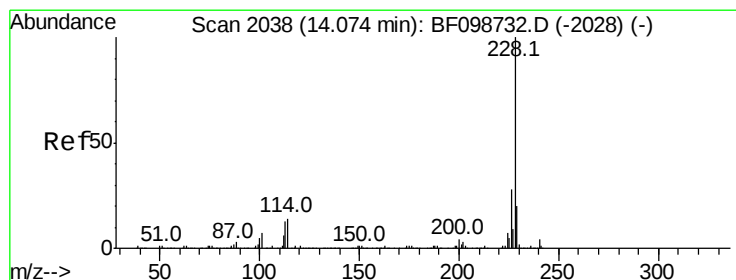
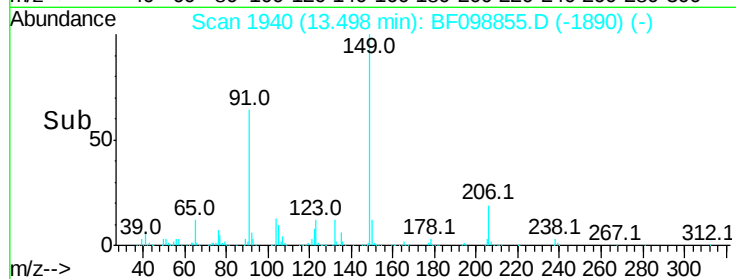
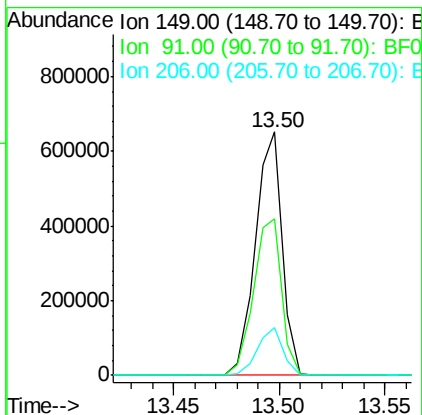
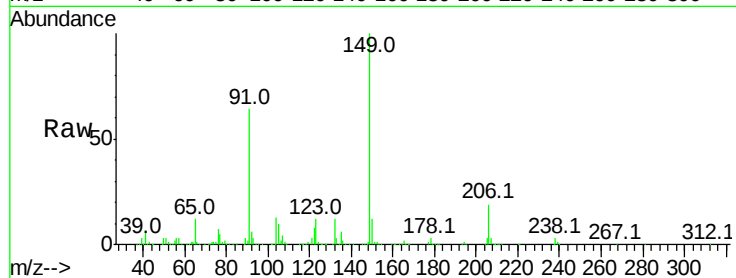
#79
Butylbenzylphthalate
Concen: 54.650 ng
RT: 13.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :
PB102634BS

Tot Ion:	149	Resp:	577970
Ion Ratio	Lower	Upper	
149	100		
91	64.5	56.8	85.2
206	19.4	14.1	21.1

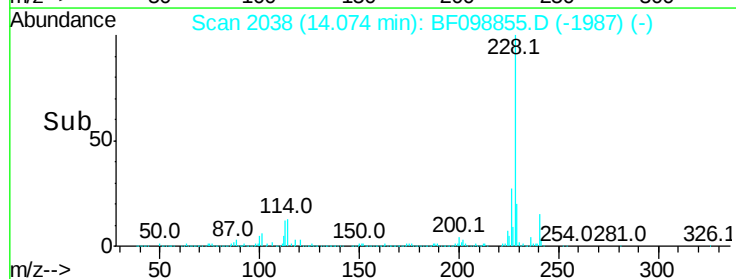
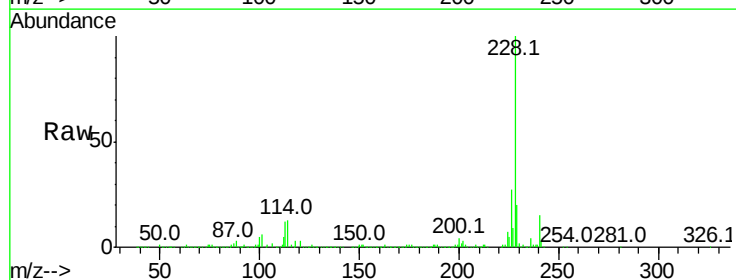
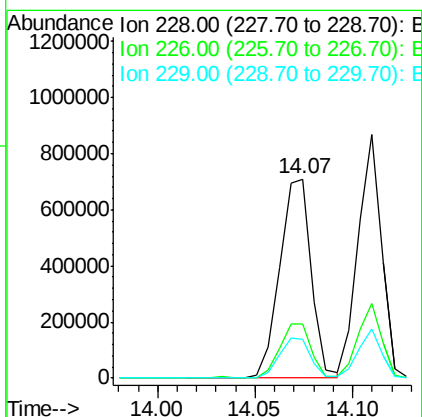
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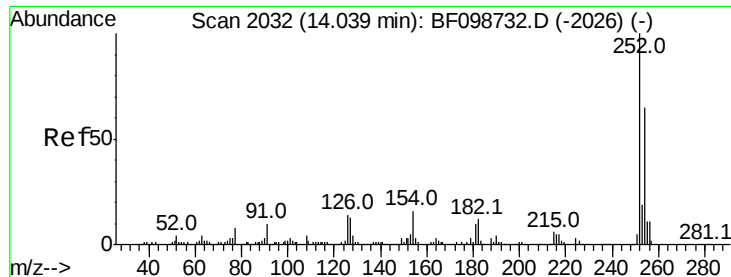
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#80
Benzo(a)anthracene
Concen: 44.256 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion:	228	Resp:	790824
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.6	33.8
229	19.7	15.8	23.6





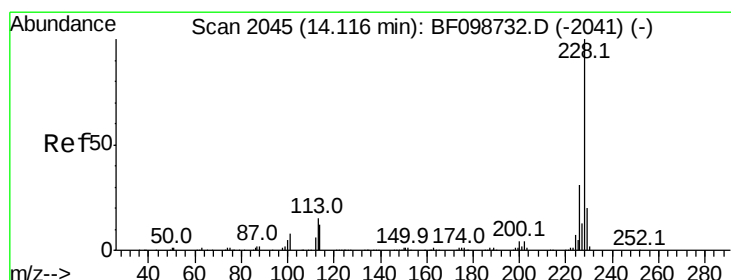
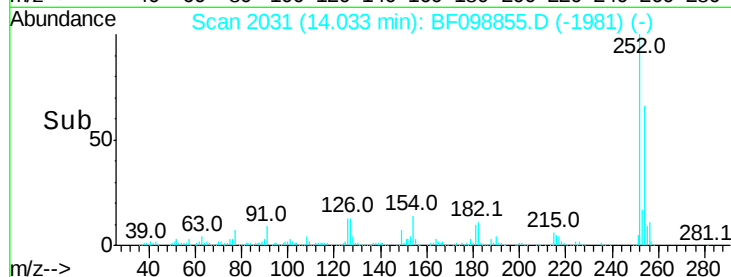
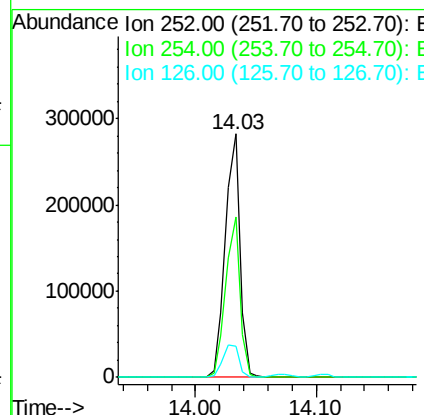
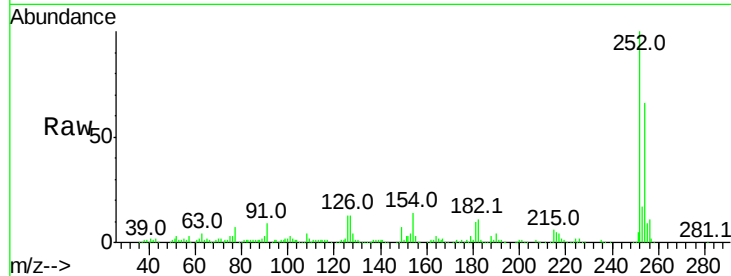
#81
 3,3'-Dichlorobenzidine
 Concen: 36.200 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102634BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	237133		
254	65.9	50.4	75.6	
126	13.0	11.3	16.9	

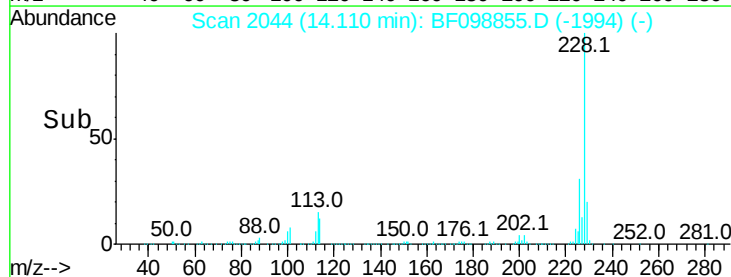
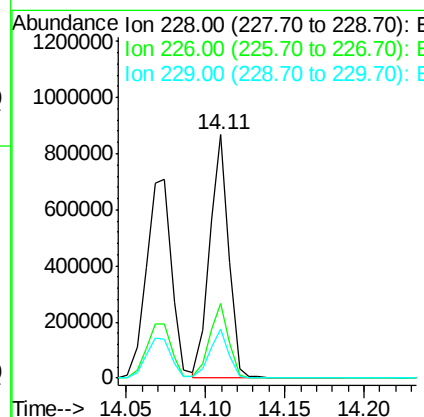
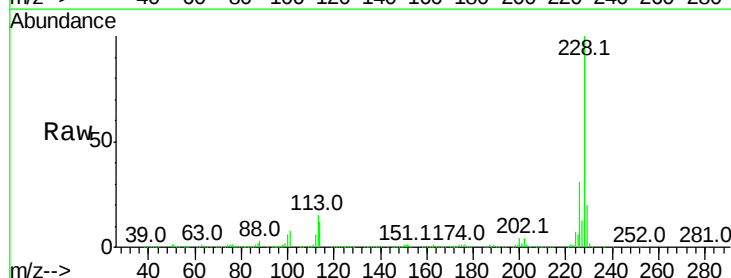
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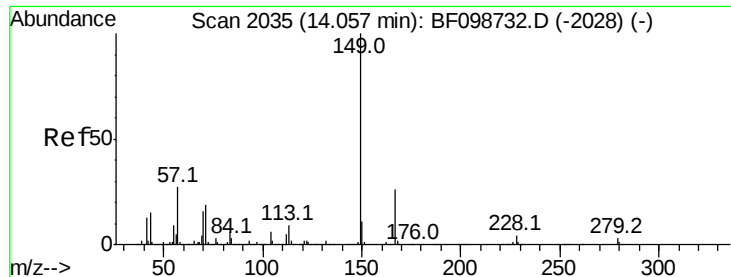
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#82
 Chrysene
 Concen: 42.838 ng
 RT: 14.11 min Scan# 2044
 Delta R.T. -0.01 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	728776		
226	30.6	25.0	37.6	
229	20.1	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.799 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

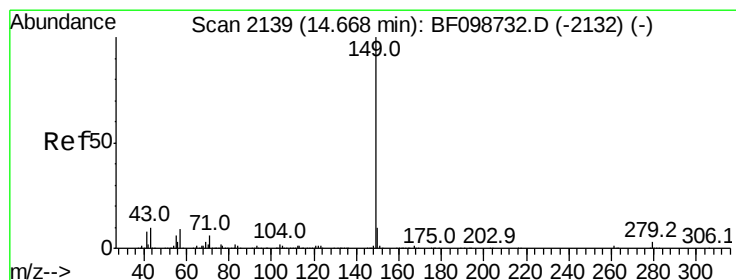
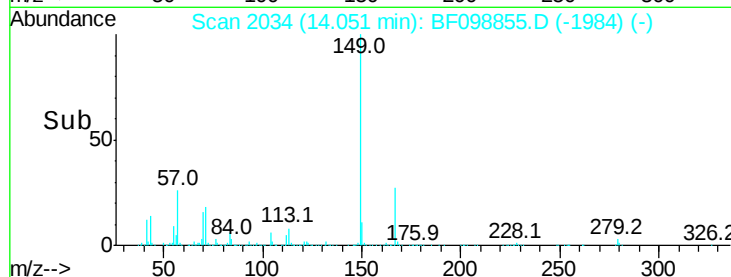
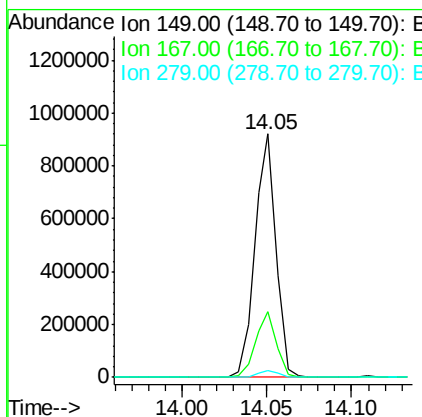
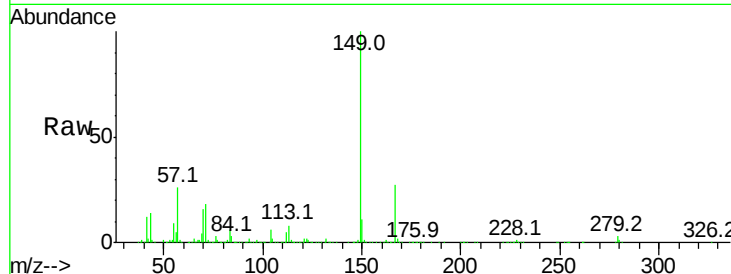
ClientSampleId :

PB102634BS

Tot Ion:	149	Resp:	798000
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.3	31.9
279	3.1	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 49.346 ng

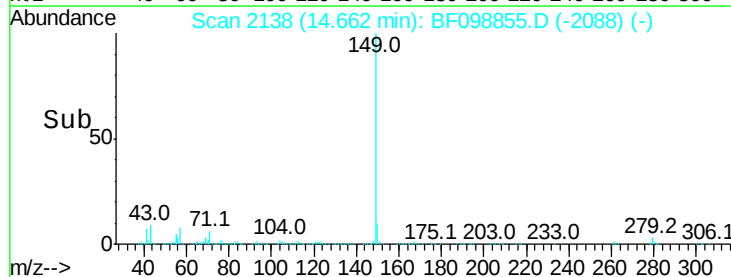
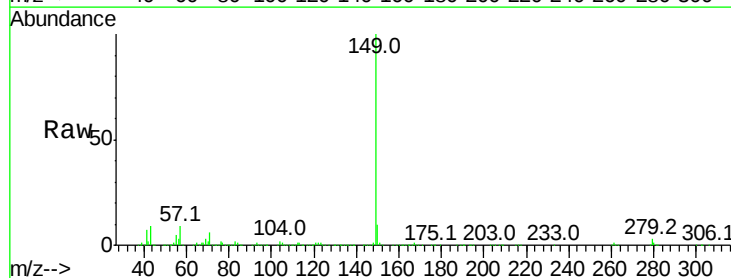
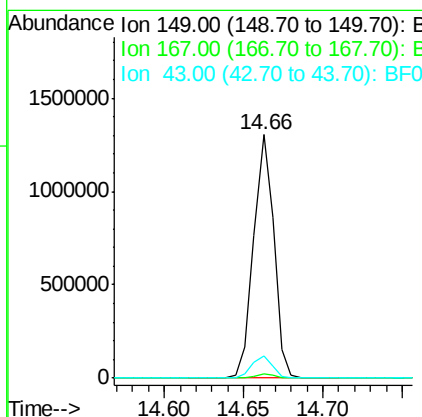
RT: 14.66 min Scan# 2138

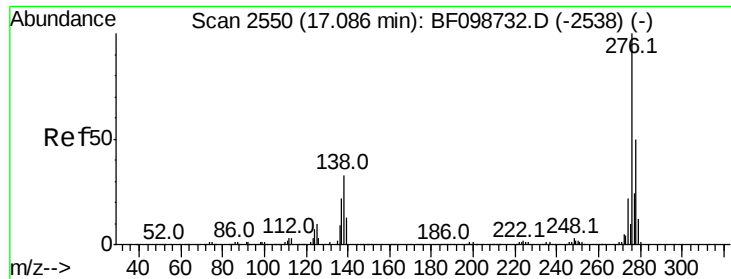
Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Tgt Ion:	149	Resp:	1157083
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.2	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.386 ng

RT: 17.09 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

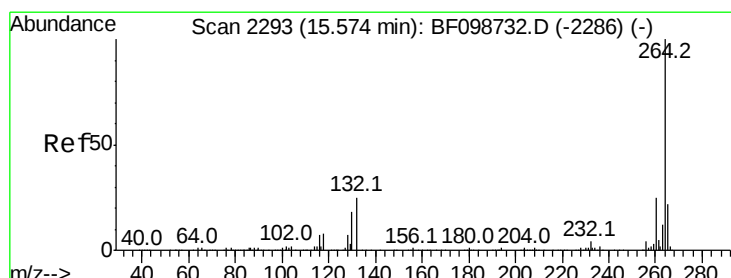
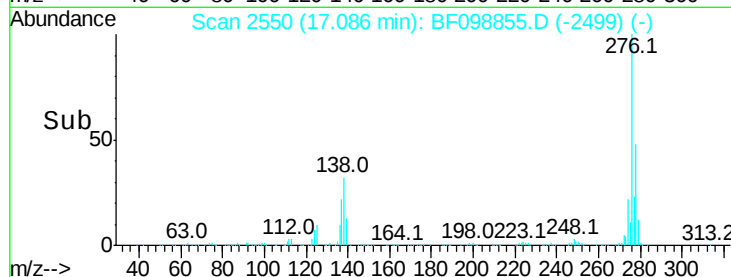
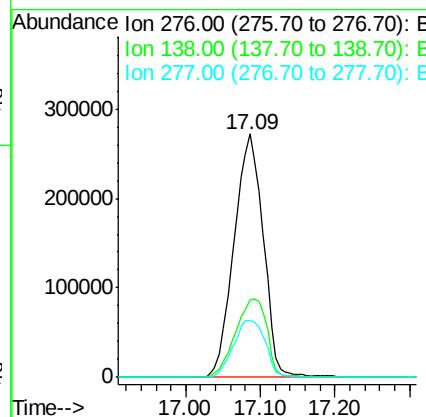
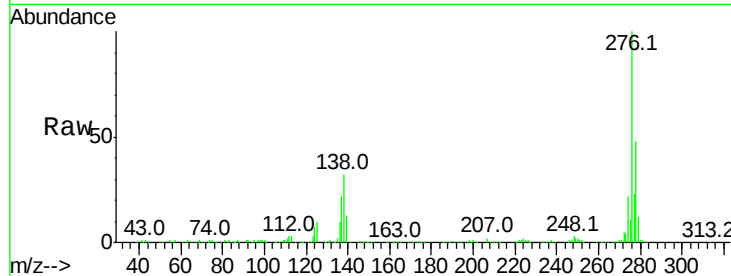
ClientSampleId :

PB102634BS

Tot Ion:	276	Resp:	740130
Ion Ratio		Lower	Upper
276	100		
138	35.1	25.0	37.6
277	25.6	20.1	30.1

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#86

Perylene-d12

Concen: 20.000 ng

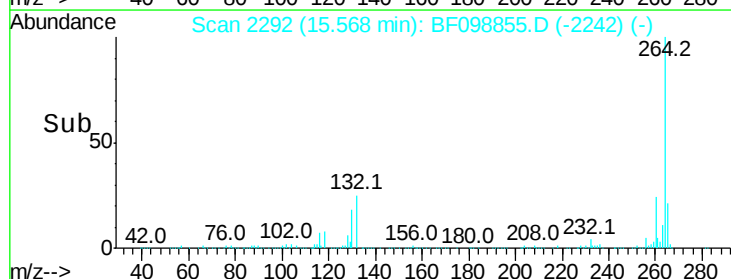
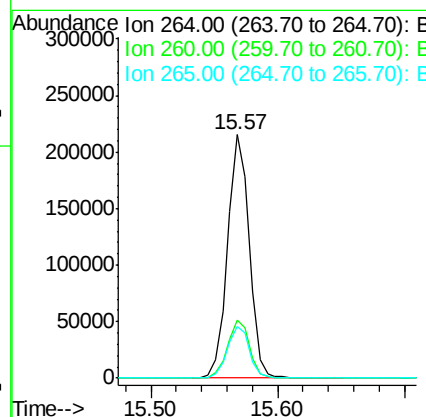
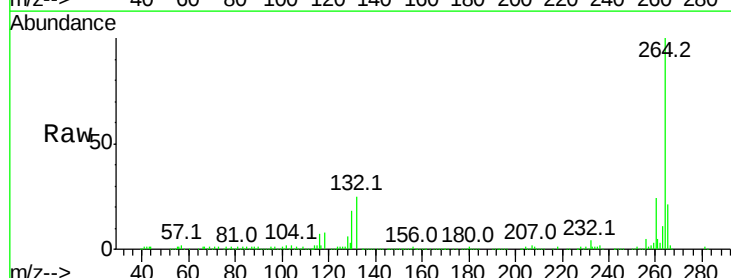
RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Tgt Ion:	264	Resp:	255297
Ion Ratio		Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.0	17.5	26.3





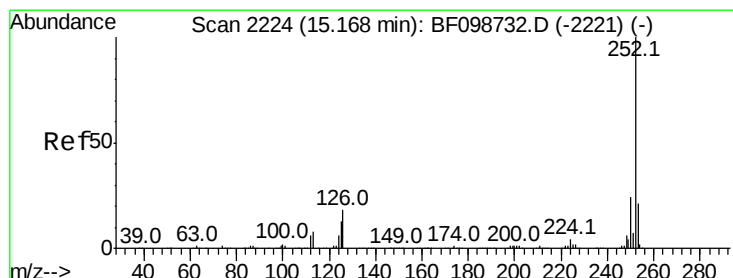
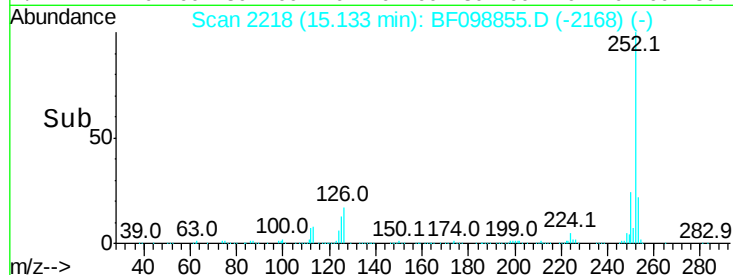
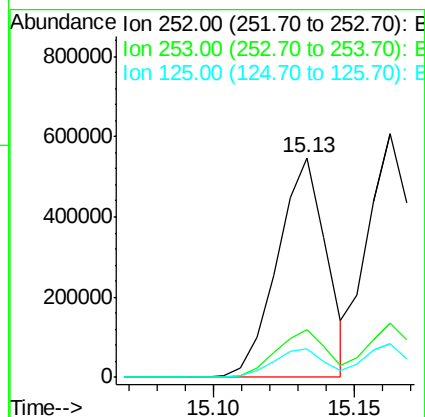
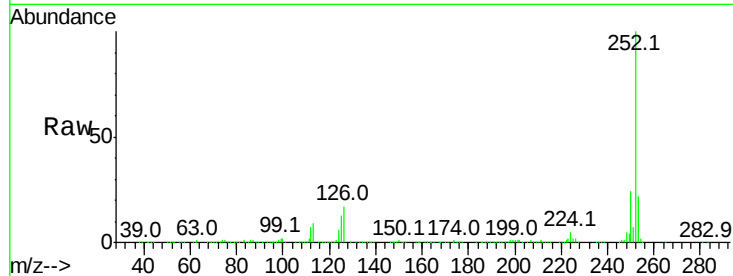
#87
Benzo(b)fluoranthene
Concen: 41.918 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Instrument :
BNA_F
ClientSampleId :
PB102634BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	13.0	9.0	13.6

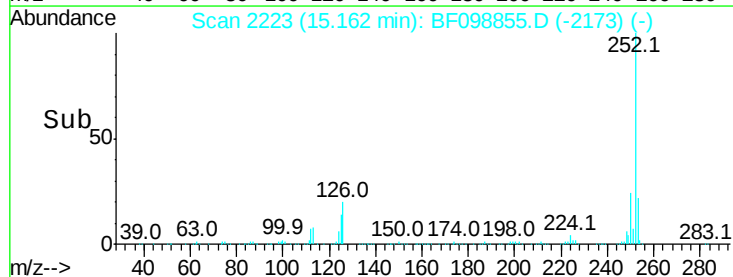
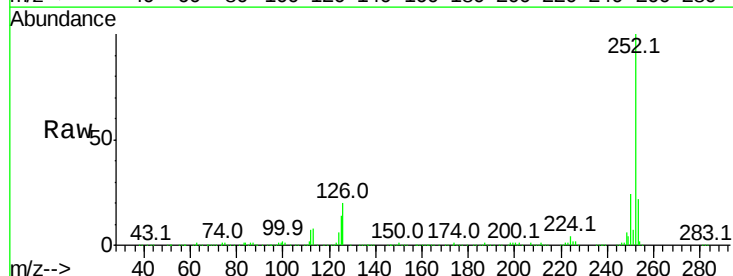
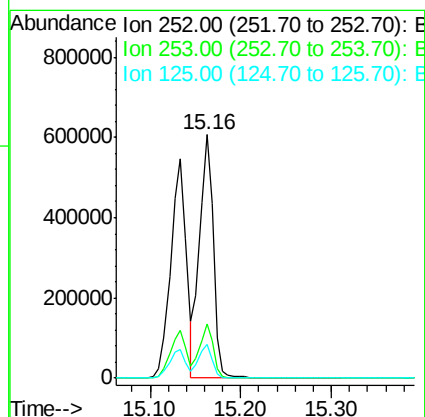
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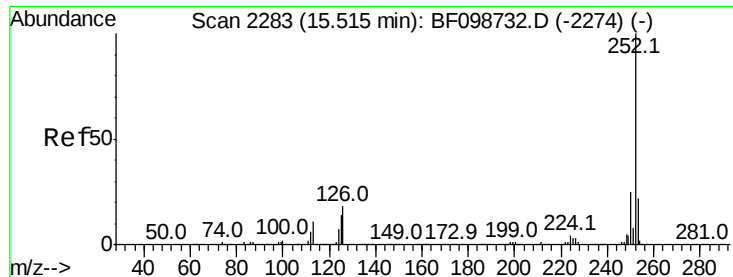
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#88
Benzo(k)fluoranthene
Concen: 41.804 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF098855.D
Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	14.1	10.2	15.2





#89

Benzo(a)pyrene

Concen: 44.341 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Instrument :

BNA_F

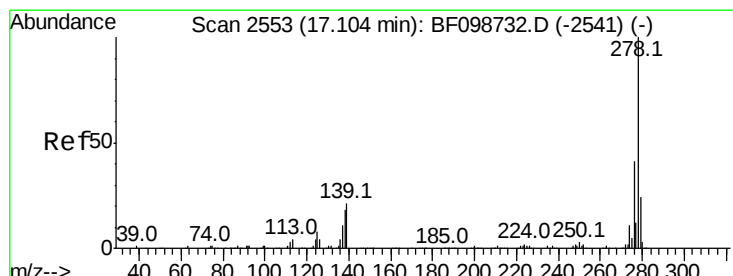
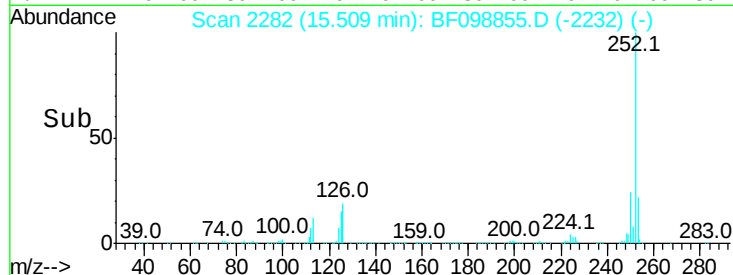
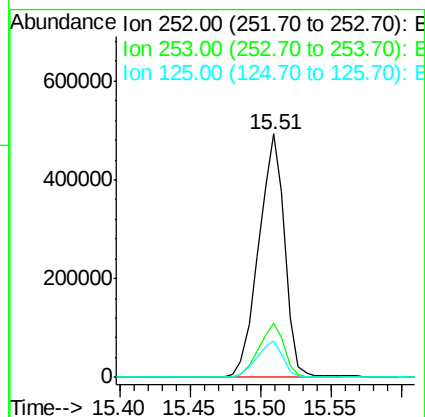
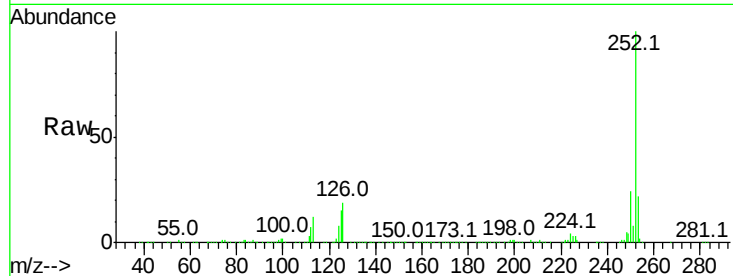
ClientSampleId :

PB102634BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.1	17.1	25.7	
125	14.8	9.8	14.6	

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#90

Dibenzo(a,h)anthracene

Concen: 53.353 ng

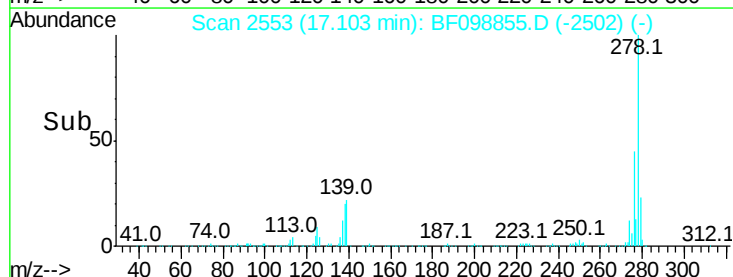
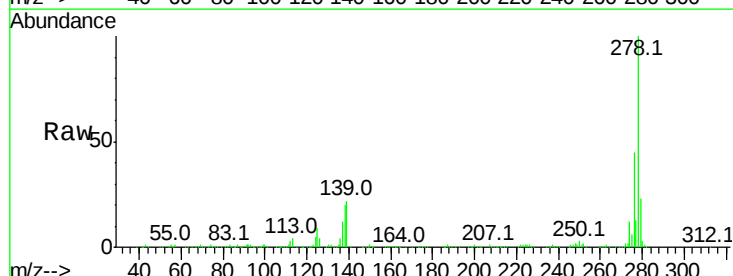
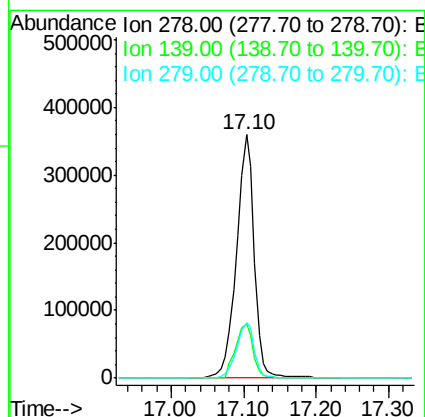
RT: 17.10 min Scan# 2553

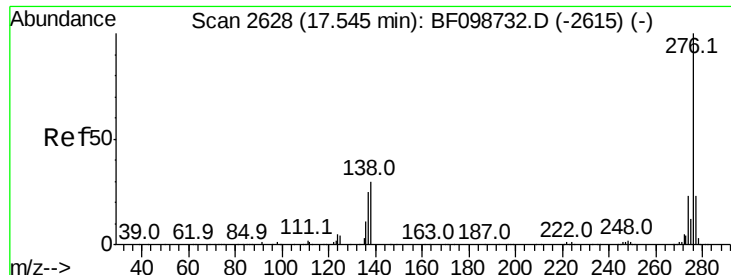
Delta R.T. -0.00 min

Lab File: BF098855.D

Acq: 27 Sep 2017 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	22.3	15.9	23.9	
279	22.7	19.0	28.4	





#91
 Benzo(a,h,i)perylene
 Concen: 54.063 ng
 RT: 17.54 min Scan# 2628
 Delta R.T. -0.00 min
 Lab File: BF098855.D
 Acq: 27 Sep 2017 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB102634BS

Tot Ion:	276	Resp:	616220
Ion Ratio		Lower	Upper
276	100		
277	23.4	17.9	26.9
138	31.0	21.8	32.8

Manual Integrations
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