

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099608.D
 Acq On : 18 Oct 2017 10:54
 Operator : SJ/JU
 Sample : PB103194BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BS

Manual Integrations
 APPROVED

Sohil
 10/19/2017 5:14:27 PM

Quant Time: Oct 18 15:27:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	98685	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	414857	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	192371	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	352780	20.00	ng	0.00
75) Chrysene-d12	14.00	240	262292	20.00	ng	0.00
86) Perylene-d12	15.46	264	190288	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	774464	124.93	ng	0.02
7) Phenol-d6	6.48	99	929522	121.55	ng	0.00
23) Nitrobenzene-d5	7.40	82	556573	86.04	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	208139	132.23	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1083817	94.05	ng	0.00
78) Terphenyl-d14	12.93	244	977642	84.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	94461	31.899	ng	# 92
3) Pyridine	3.45	79	249685	31.168	ng	# 90
4) n-Nitrosodimethylamine	3.40	42	105075	30.932	ng	# 74
6) Aniline	6.50	93	230756	22.357	ng	# 74
8) 2-Chlorophenol	6.62	128	277089	39.470	ng	92
9) Benzaldehyde	6.38	77	77640	17.502	ng	92
10) Phenol	6.49	94	318582	37.249	ng	90
11) bis(2-Chloroethyl)ether	6.57	93	256106	38.518	ng	95
12) 1,3-Dichlorobenzene	6.77	146	293334	39.897	ng	97
13) 1,4-Dichlorobenzene	6.85	146	296241	39.602	ng	98
14) 1,2-Dichlorobenzene	7.00	146	273252	39.533	ng	97
15) Benzyl Alcohol	6.97	79	196313	34.992	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	327349	31.600	ng	49
17) 2-Methylphenol	7.09	107	222211	38.684	ng	# 94
18) Hexachloroethane	7.33	117	101118	37.608	ng	99
19) n-Nitroso-di-n-propylamine	7.24	70	168528	34.516	ng	93
20) 3+4-Methylphenols	7.25	107	282548	38.882	ng	# 84
22) Acetophenone	7.24	105	359610	35.778	ng	# 98
24) Nitrobenzene	7.42	77	262769	35.808	ng	90
25) Isophorone	7.65	82	490928	36.706	ng	98
26) 2-Nitrophenol	7.73	139	156701	44.406	ng	90
27) 2,4-Dimethylphenol	7.77	122	245666	36.864	ng	96
28) bis(2-Chloroethoxy)methane	7.86	93	320156	38.412	ng	99
29) 2,4-Dichlorophenol	7.97	162	236338	41.306	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	234886	41.045	ng	99
31) Naphthalene	8.13	128	777487	39.903	ng	100
32) Benzoic acid	7.91	122	122343	22.349	ng	89
33) 4-Chloroaniline	8.19	127	163984	20.154	ng	# 95
34) Hexachlorobutadiene	8.24	225	116260	39.443	ng	97
35) Caprolactam	8.57	113	78306m	42.665	ng	
36) 4-Chloro-3-methylphenol	8.67	107	245403	38.159	ng	97
37) 2-Methylnaphthalene	8.82	142	544221	42.966	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	219329	38.230	ng	99
40) Hexachlorocyclopentadiene	8.97	237	136454	52.046	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	155553	38.273	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	160705	39.610	nq	97
45) 1,1'-Biphenyl	9.29	154	642734	38.876	nq	96
46) 2-Chloronaphthalene	9.31	162	499060	40.203	nq	98
47) 2-Nitroaniline	9.42	65	140549	36.977	nq	90
48) Acenaphthylene	9.73	152	751549	39.549	nq	100
49) Dimethylphthalate	9.59	163	583434	40.184	nq	99
50) 2,6-Dinitrotoluene	9.66	165	132590	41.947	nq #	85
51) Acenaphthene	9.90	154	447279	37.157	nq	99
52) 3-Nitroaniline	9.83	138	104405	28.328	nq	96
53) 2,4-Dinitrophenol	9.95	184	89415	56.203	nq #	84
54) Dibenzofuran	10.07	168	657630	41.032	nq	99
55) 4-Nitrophenol	10.01	139	184489	59.198	nq	86
56) 2,4-Dinitrotoluene	10.06	165	164130	40.009	nq #	97
57) Fluorene	10.42	166	532861	41.365	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	118863	42.411	nq	95
59) Diethylphthalate	10.29	149	550743	38.820	nq	97
60) 4-Chlorophenyl-phenylether	10.40	204	238245	41.172	nq	91
61) 4-Nitroaniline	10.45	138	151874	42.712	nq	86
62) Azobenzene	10.56	77	509706	39.074	nq	93
64) 4,6-Dinitro-2-methylphenol	10.48	198	73750	34.360	nq #	73
65) n-Nitrosodiphenylamine	10.53	169	482548	39.484	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	140752	40.761	nq	92
67) Hexachlorobenzene	10.96	284	142206	38.558	nq	93
68) Atrazine	11.05	200	147031	39.986	nq	97
69) Pentachlorophenol	11.16	266	125781	54.799	nq	99
70) Phenanthrene	11.38	178	770314	40.793	nq	99
71) Anthracene	11.43	178	798218	41.313	nq	99
72) Carbazole	11.59	167	750445	39.663	nq	99
73) Di-n-butylphthalate	11.90	149	885577	38.885	nq	99
74) Fluoranthene	12.57	202	808996	42.308	nq	98
76) Benzidine	12.69	184	266895	27.511	nq	99
77) Pyrene	12.80	202	837202	41.859	nq	99
79) Butylbenzylphthalate	13.40	149	382927	40.737	nq	90
80) Benzo(a)anthracene	13.99	228	656940	41.363	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	156657	26.906	nq	99
82) Chrysene	14.02	228	622614	41.176	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	490921	37.929	nq #	99
84) Di-n-octyl phthalate	14.56	149	729488	35.002	nq #	94
85) Indeno(1,2,3-cd)pyrene	16.93	276	444523	36.750	nq	96
87) Benzo(b)fluoranthene	15.03	252	507791	43.402	nq	98
88) Benzo(k)fluoranthene	15.06	252	479946	41.533	nq	98
89) Benzo(a)pyrene	15.40	252	455596	42.423	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	371127	43.181	nq	97
91) Benzo(g,h,i)perylene	17.37	276	392835	46.239	nq	97

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

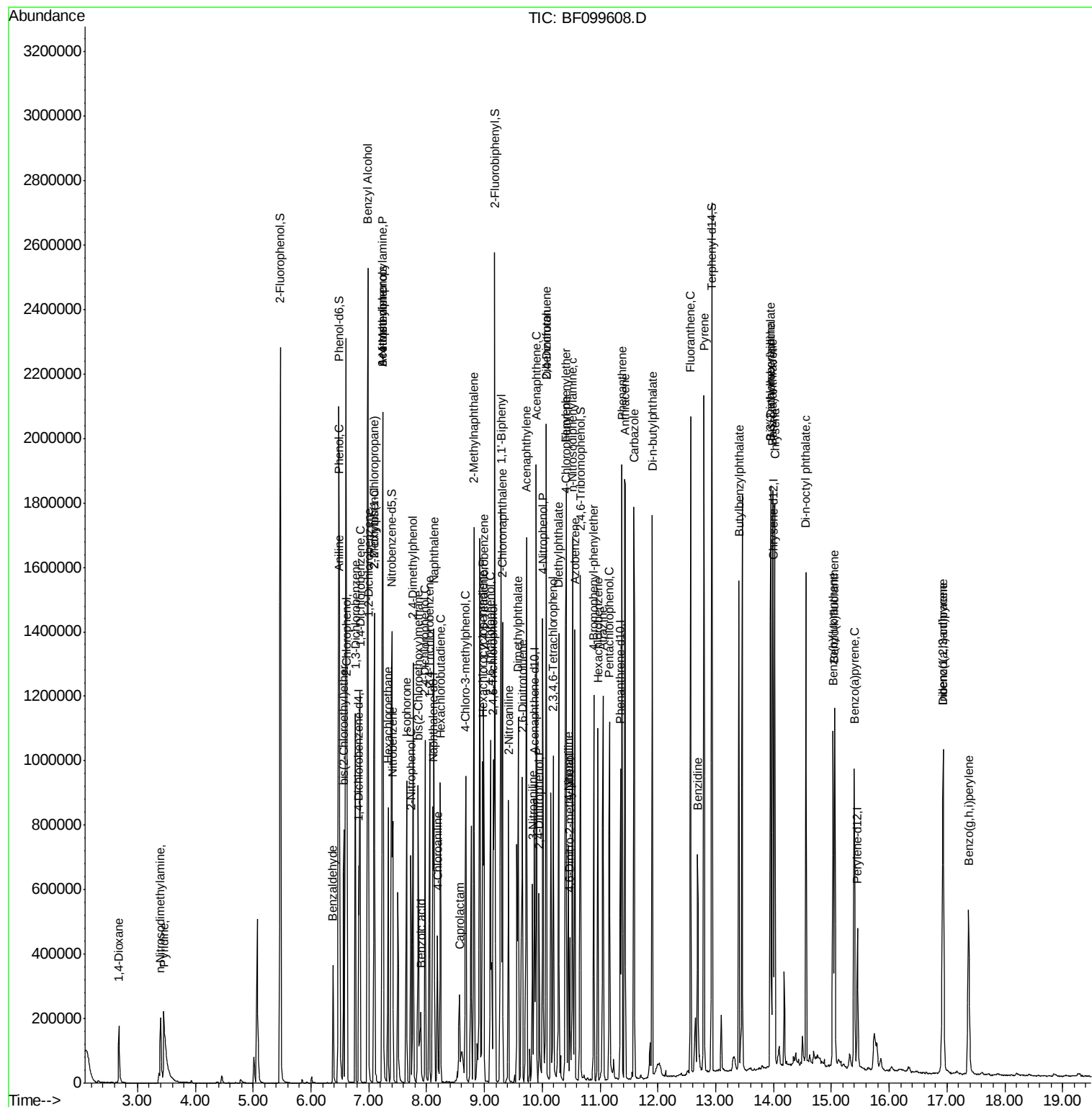
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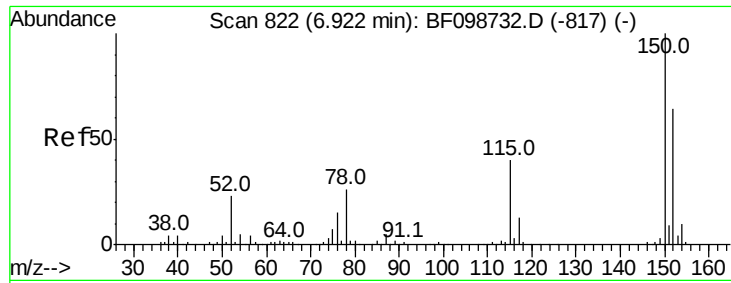
Instrument :
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#1

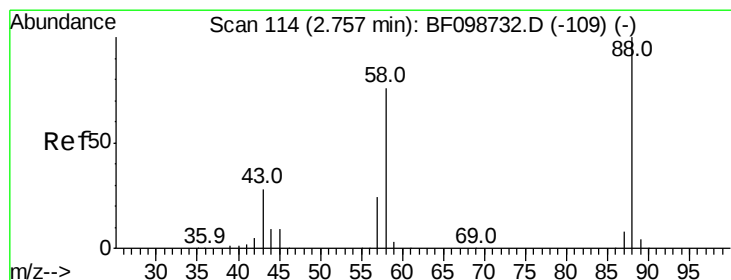
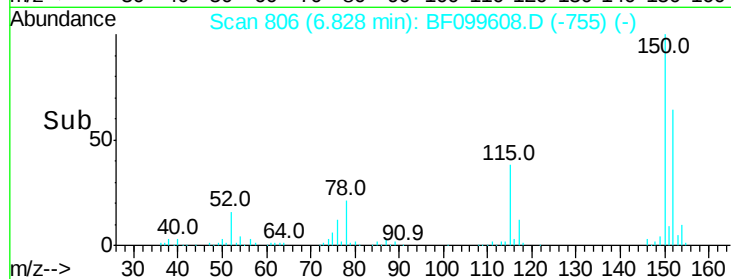
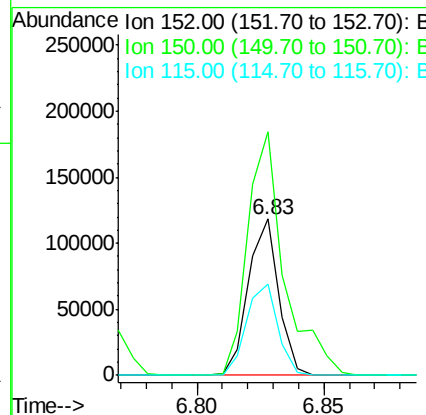
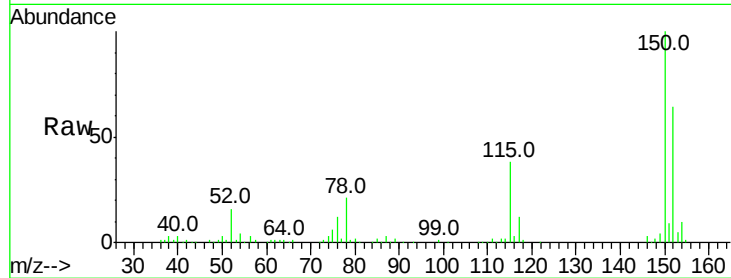
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	186.8
115	58.7	50.1	75.1

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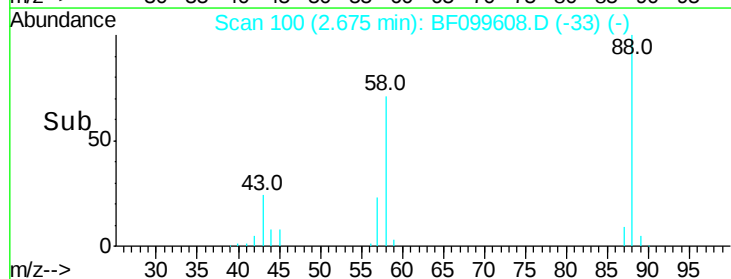
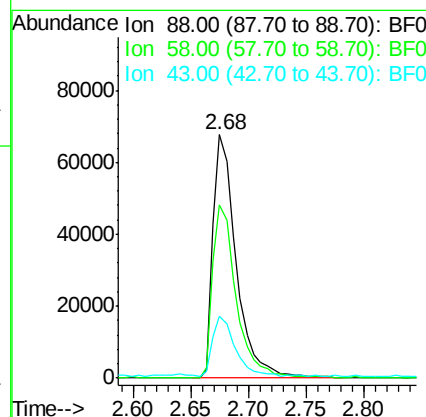
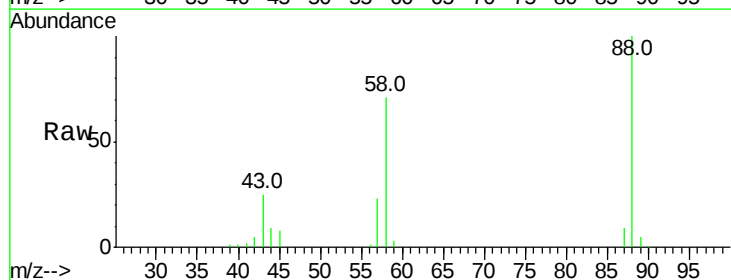
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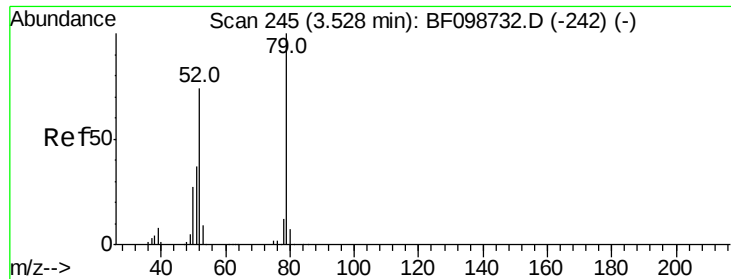


#2

1,4-Dioxane
Concen: 31.899 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.09 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.1	62.6	93.8
43	24.0	24.6	37.0





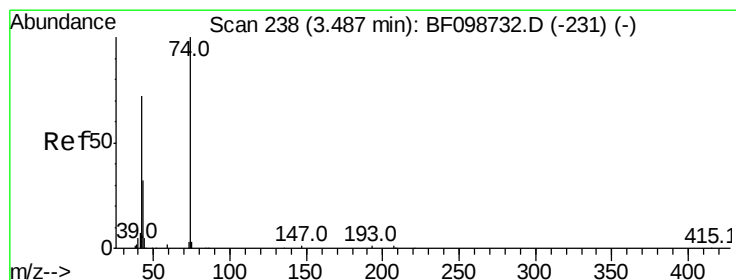
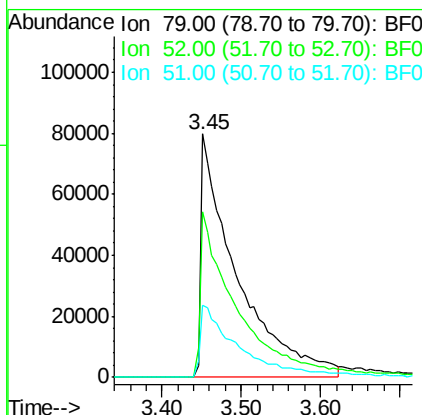
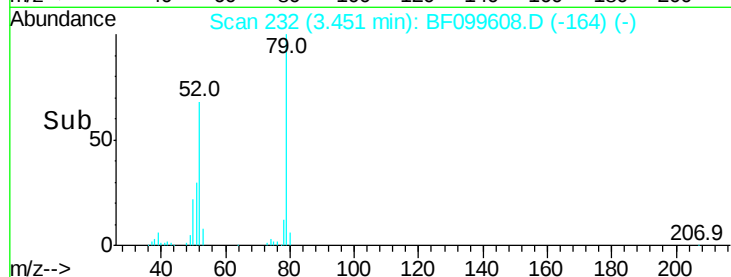
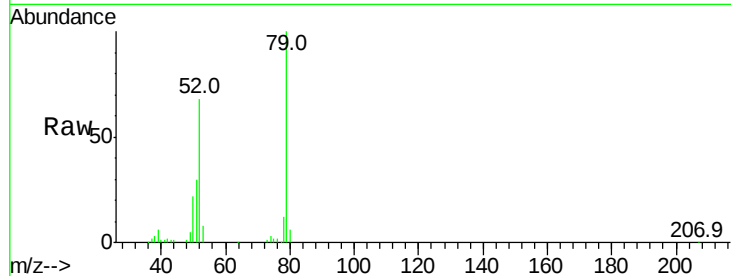
#3
 Pvrindine
 Concen: 31.168 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.10 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		249685		
52	67.8	59.8	89.6		
51	29.6	29.8	44.8#		

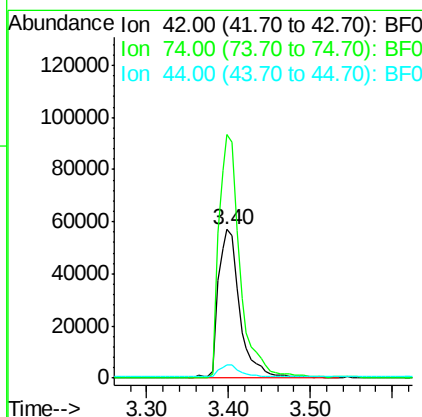
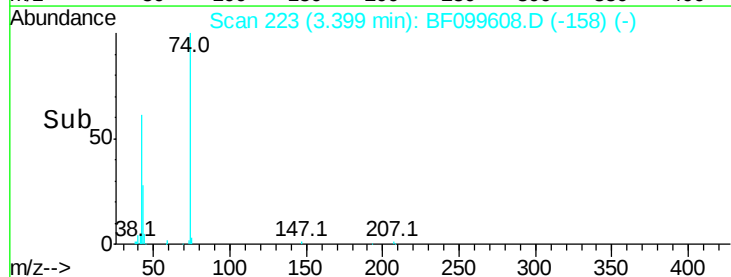
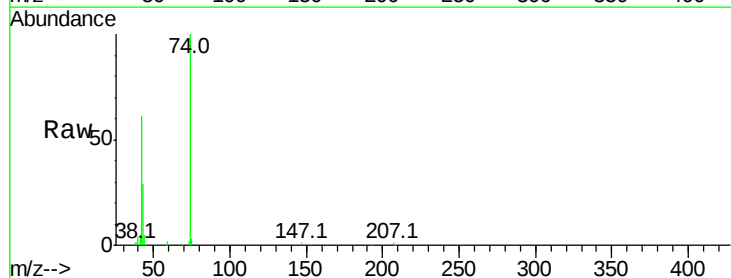
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#4
 n-Nitrosodimethylamine
 Concen: 30.932 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.08 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		105075		
74	164.1	104.9	157.3#		
44	8.5	6.9	10.3		





#5

2-Fluorophenol

Concen: 124.930 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

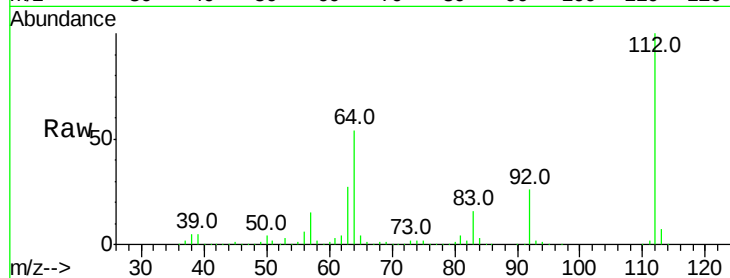
ClientSampled :

PB103194BS

Tot Ion:	112	Resp:	774464
Ion Ratio	Lower	Upper	
112	100		
64	54.0	47.9	71.9
63	26.5	23.7	35.5

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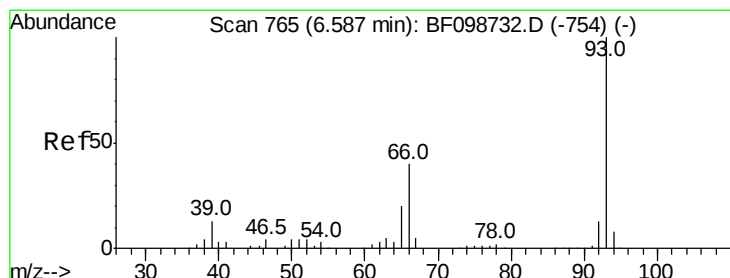
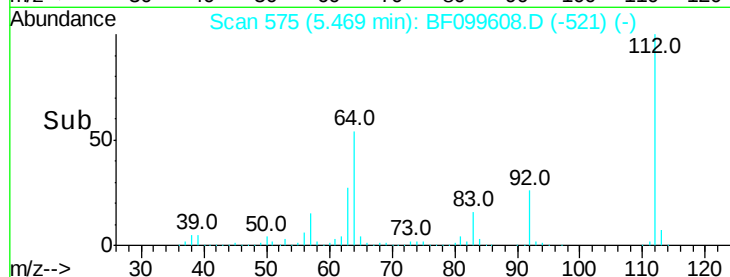
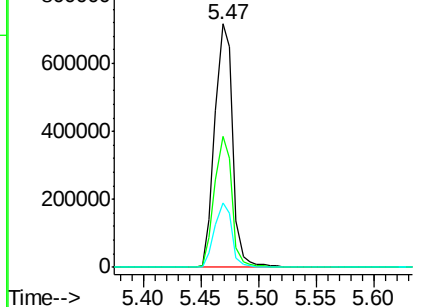
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 22.357 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099608.D

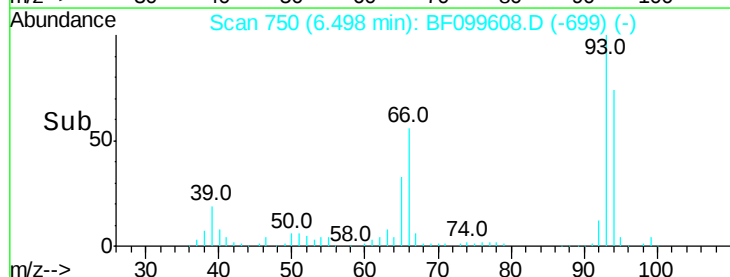
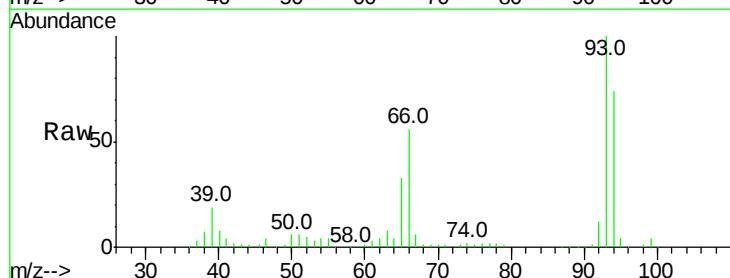
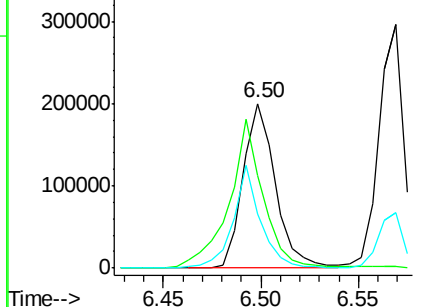
Acq: 18 Oct 2017 10:54

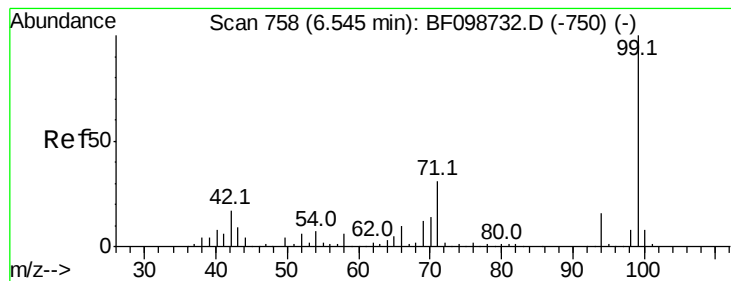
Tgt Ion:	93	Resp:	230756
Ion Ratio	Lower	Upper	
93	100		
66	56.3	32.2	48.2#
65	32.8	16.4	24.6#

Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 121.547 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

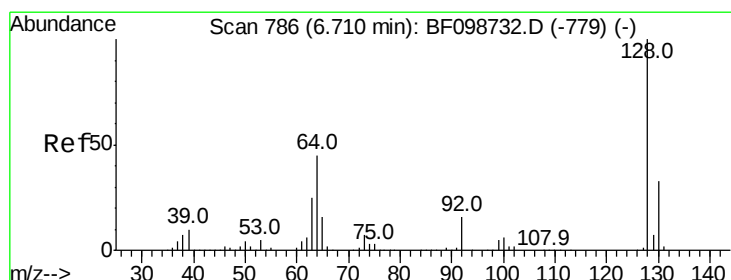
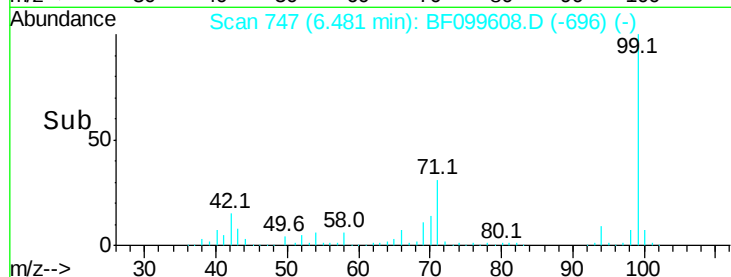
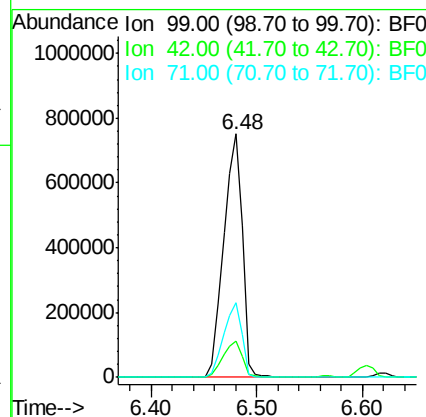
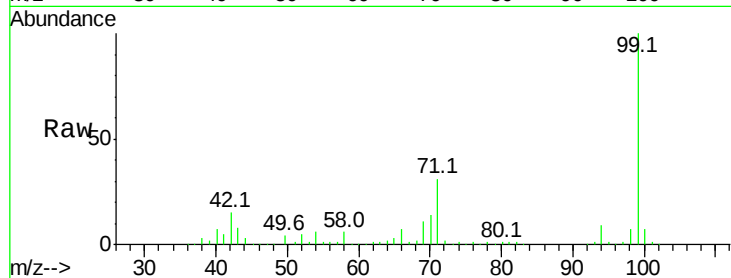
ClientSampleId :

PB103194BS

Tot Ion:	99	Resp:	929522
Ion Ratio	Lower	Upper	
99	100		
42	14.8	14.5	21.7
71	30.6	25.4	38.0

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#8

2-Chlorophenol

Concen: 39.470 ng

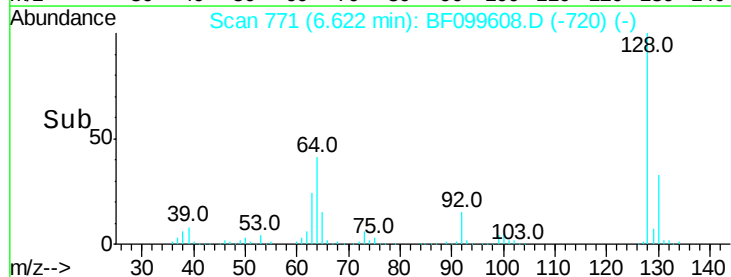
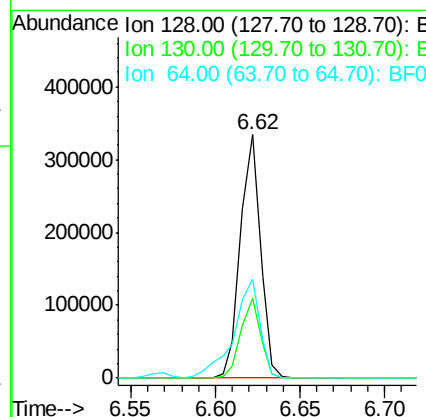
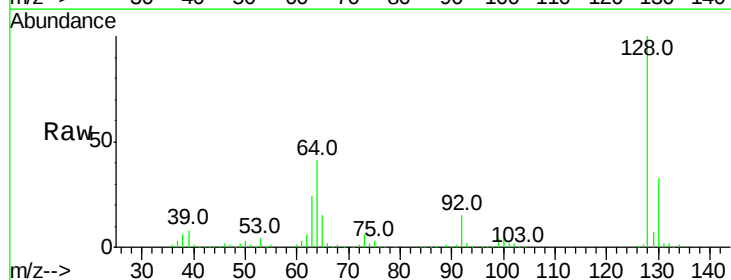
RT: 6.62 min Scan# 771

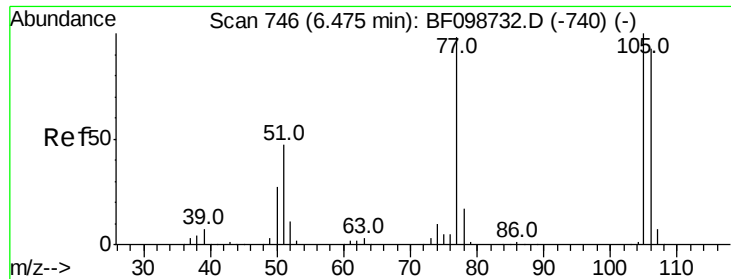
Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion:	128	Resp:	277089
Ion Ratio	Lower	Upper	
128	100		
130	32.6	13.0	53.0
64	40.7	29.4	69.4





#9

Benzaldehyde

Concen: 17.502 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

ClientSampleID :

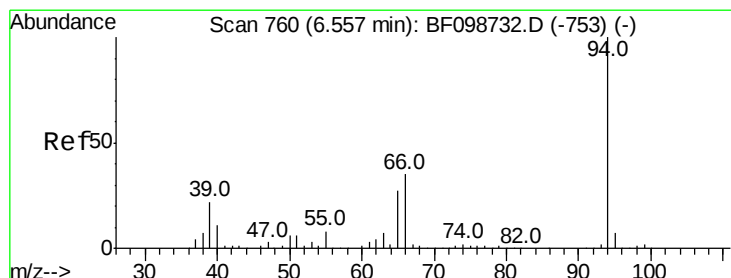
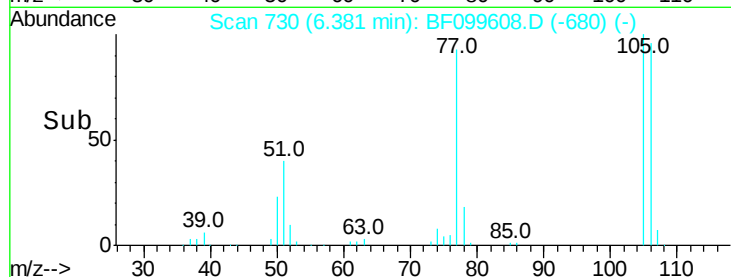
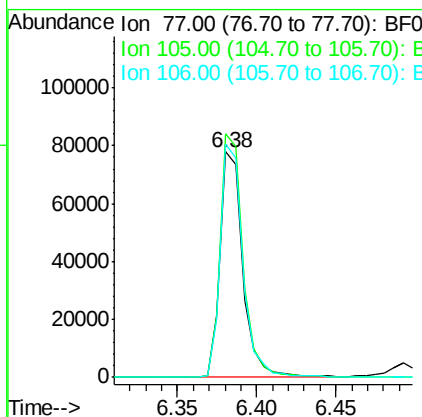
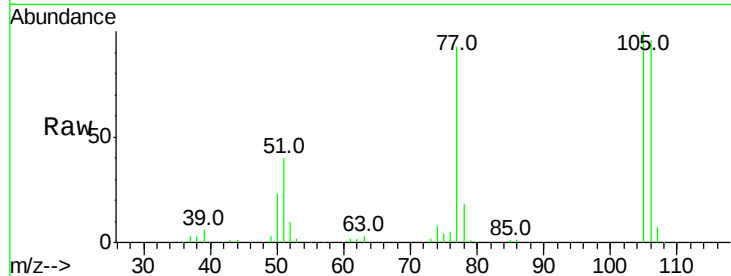
PB103194BS

Tot Ion: 77 Resp: 77640

Ion	Ratio	Lower	Upper
77	100		
105	107.9	81.1	121.1
106	103.4	74.5	114.5

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#10

Phenol

Concen: 37.249 ng

RT: 6.49 min Scan# 749

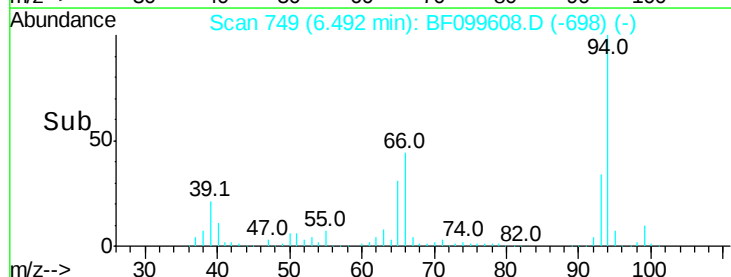
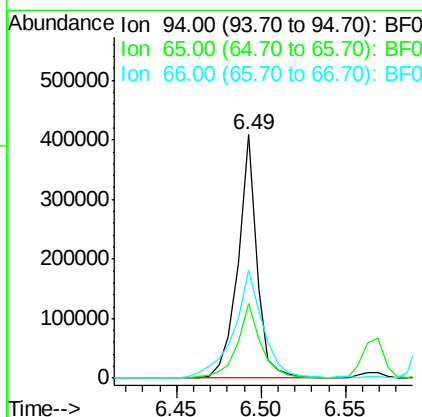
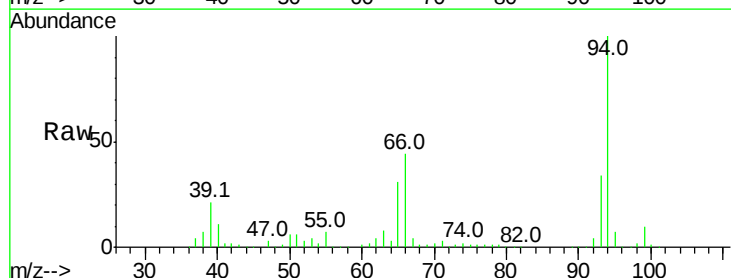
Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion: 94 Resp: 318582

Ion	Ratio	Lower	Upper
94	100		
65	30.6	7.9	47.9
66	44.1	16.2	56.2





#11

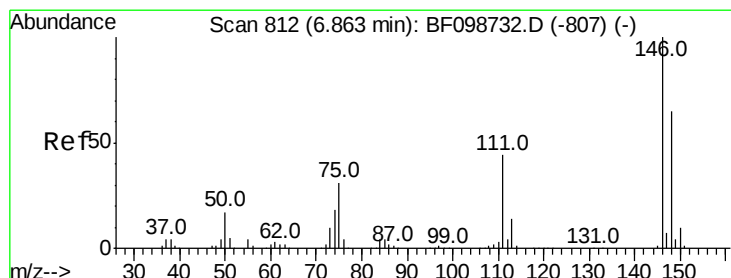
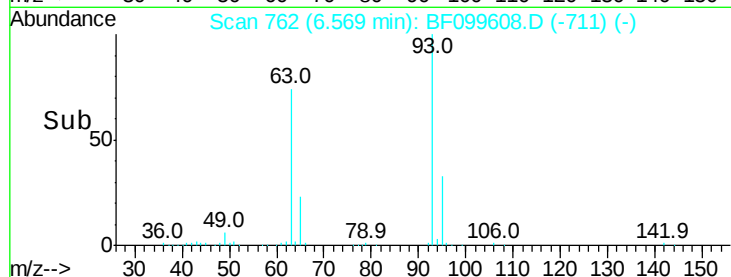
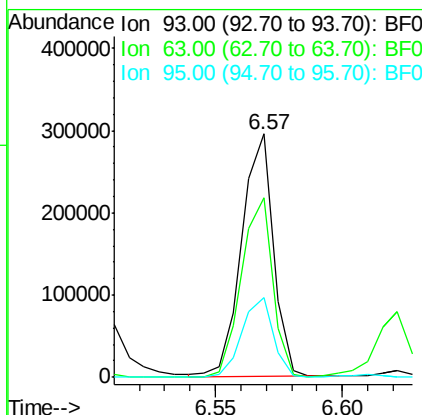
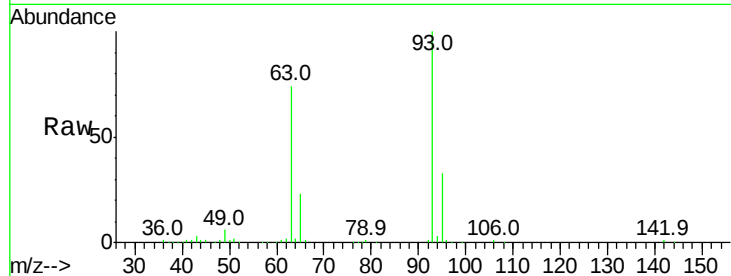
bis(2-Chloroethyl)ether
Concen: 38.518 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	93	Ratio	100	Resp	256106
Ion	93	100		Lower	Upper
	63	73.7		58.6	98.6
	95	32.8		11.8	51.8

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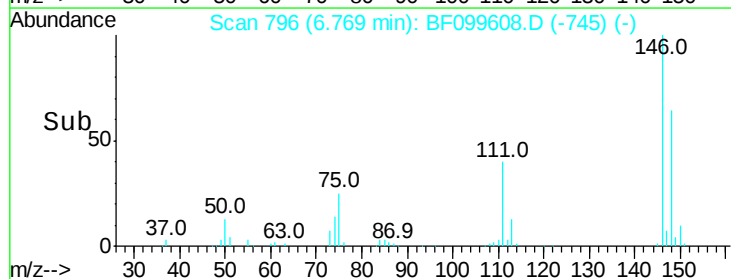
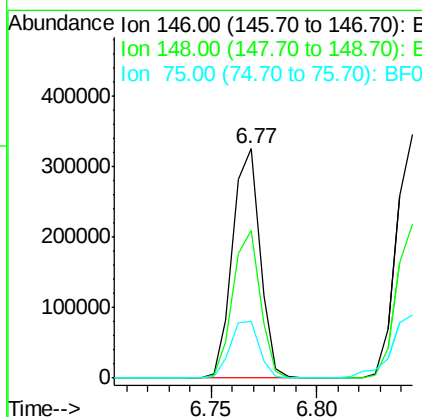
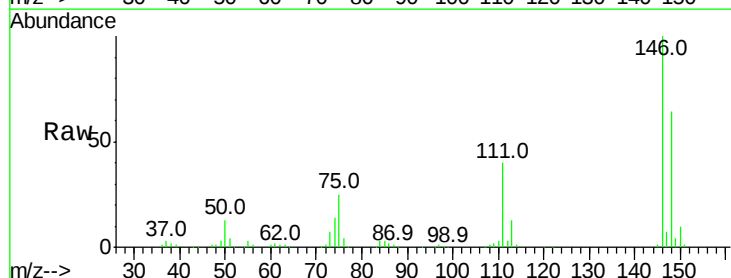
Sohil
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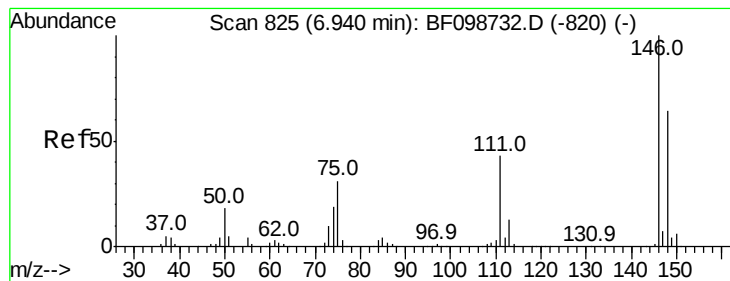


#12

1,3-Dichlorobenzene
Concen: 39.897 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	146	Ratio	100	Resp	293334
Ion	146	100		Lower	Upper
	148	64.5		51.8	77.8
	75	24.9		24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 39.602 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

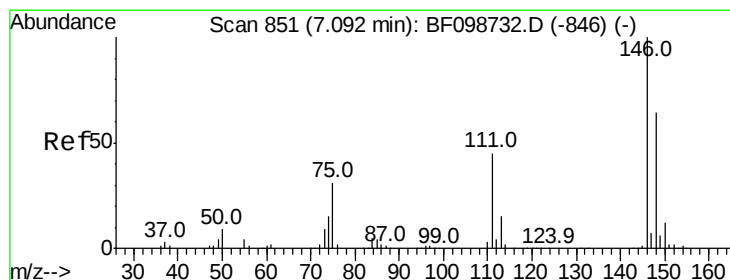
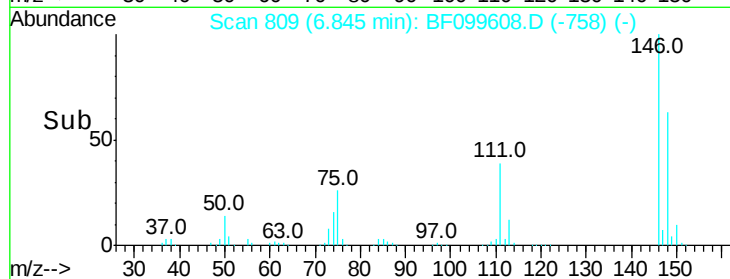
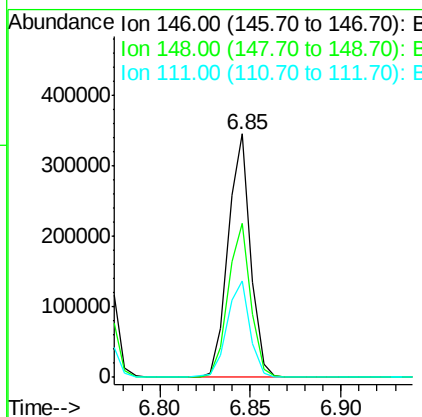
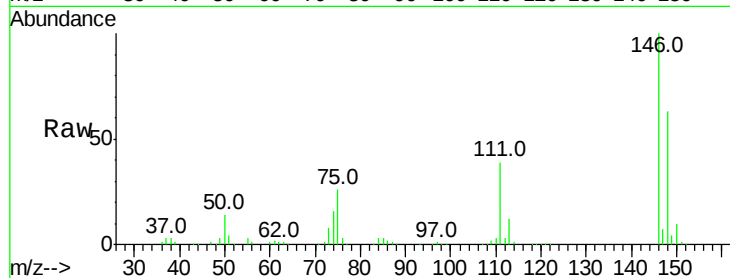
ClientSampleId :

PB103194BS

Tot Ion:	146	Resp:	296241
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.8	76.2
111	39.4	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.533 ng

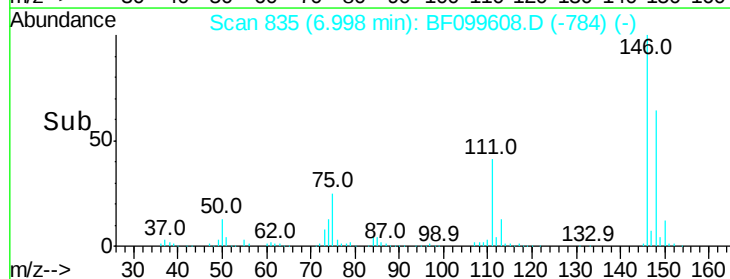
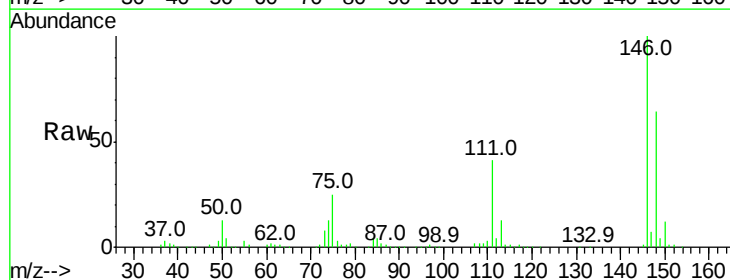
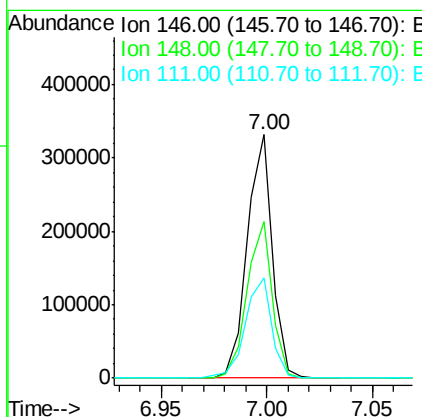
RT: 7.00 min Scan# 835

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion:	146	Resp:	273252
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.6	75.8
111	40.9	36.0	54.0





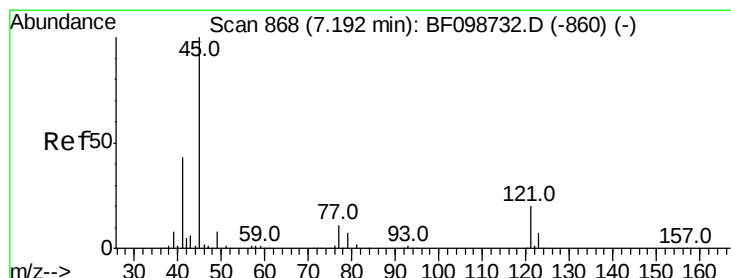
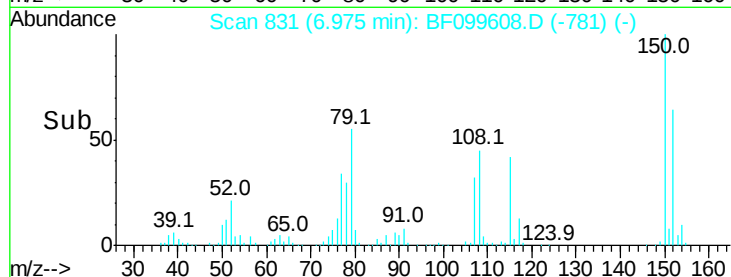
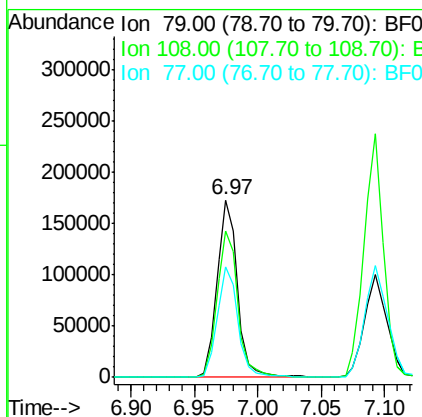
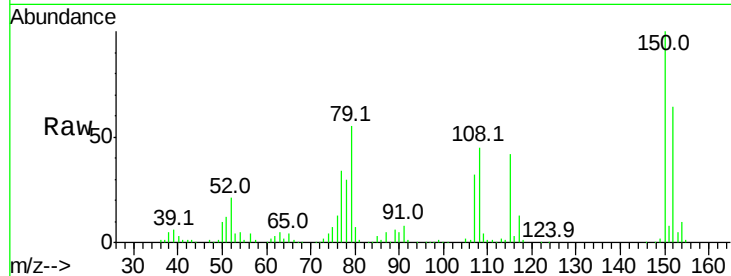
#15
Benzyl Alcohol
Concen: 34.992 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleID :
PB103194BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.6	65.1	97.7
77	62.3	50.6	75.8

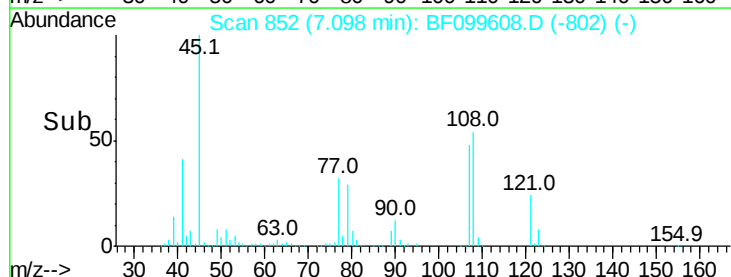
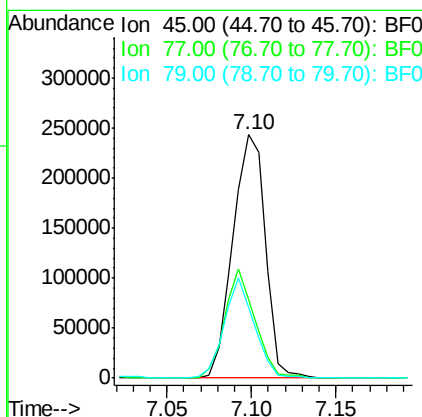
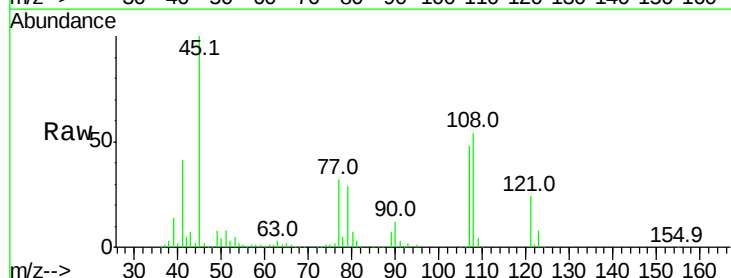
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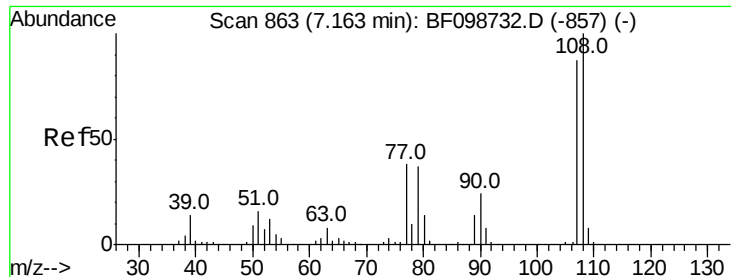
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#16
2,2'-oxybis(1-chloropropane)
Concen: 31.600 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.3	0.0	32.9
79	28.9	0.0	29.6





#17

2-Methylphenol

Concen: 38.684 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

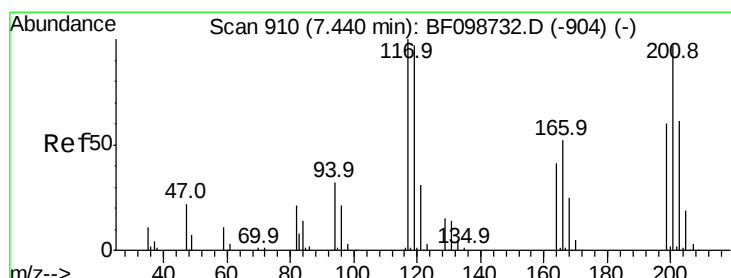
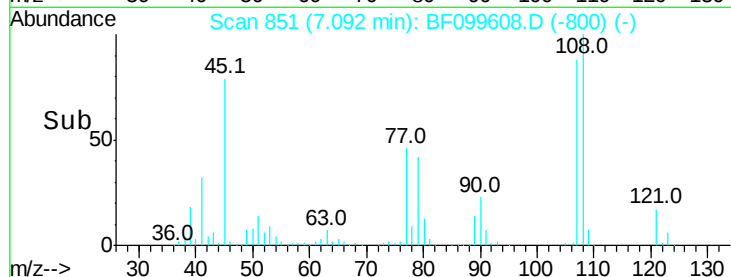
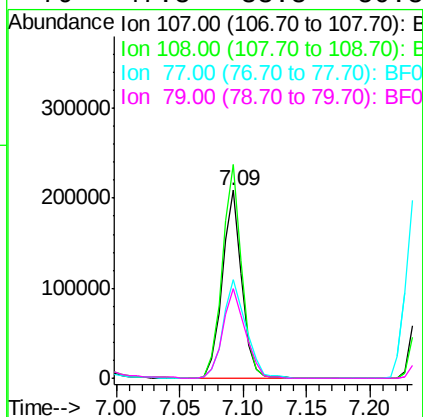
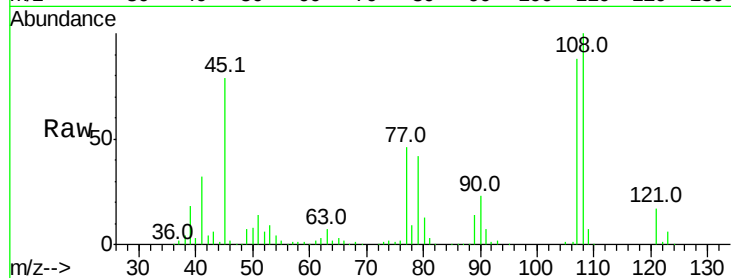
ClientSampleId :

PB103194BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	22211		
108	113.5	91.7	137.5	
77	52.2	33.8	50.8	
79	47.8	33.8	50.8	

Manual Integrations
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#18

Hexachloroethane

Concen: 37.608 ng

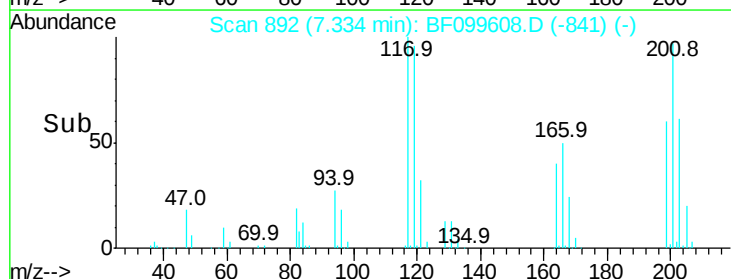
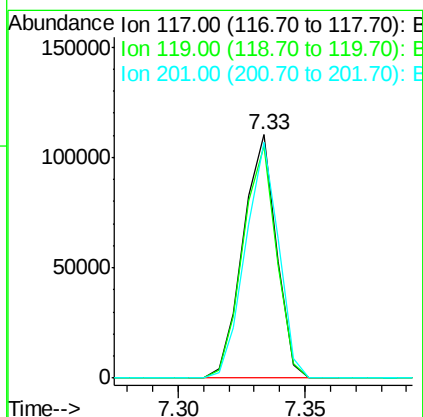
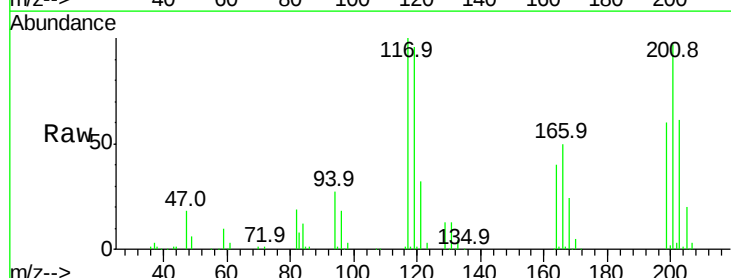
RT: 7.33 min Scan# 892

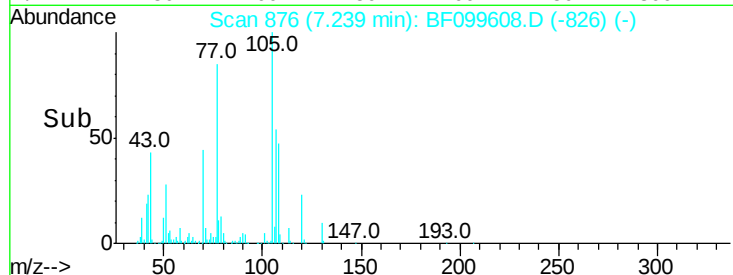
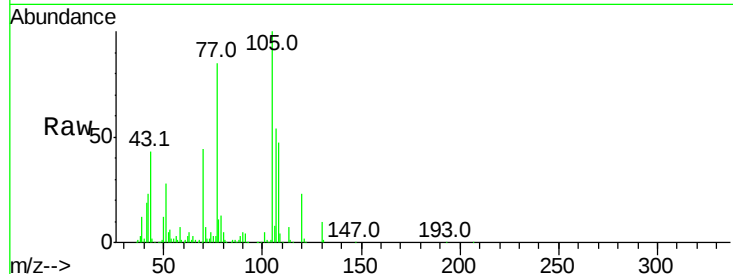
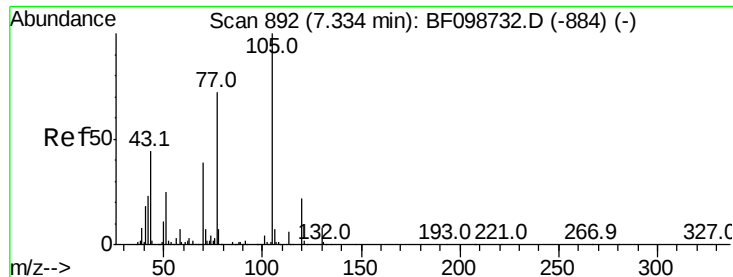
Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	101118		
119	95.5	75.8	113.8	
201	96.7	75.7	113.5	





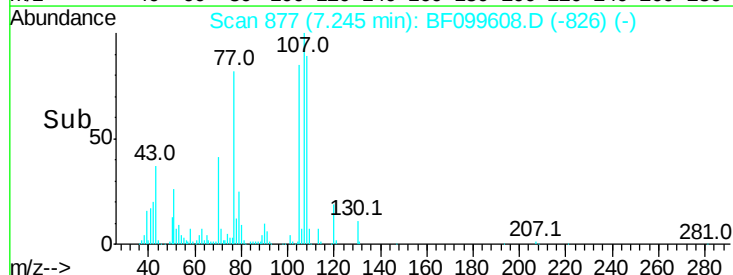
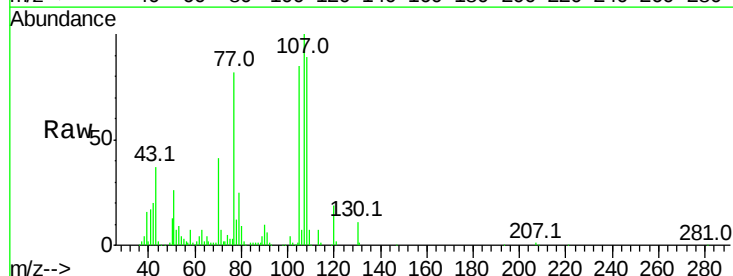
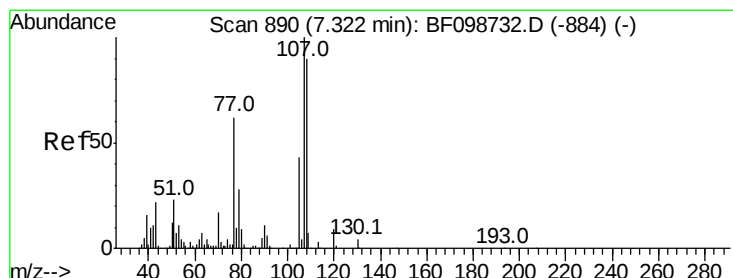
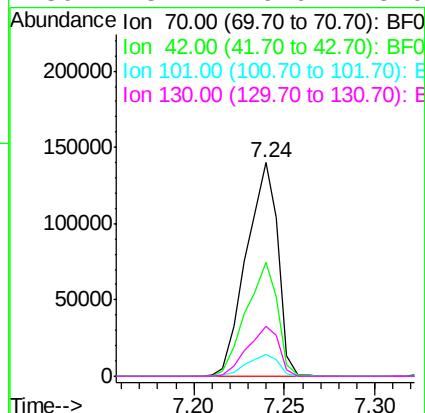
#19
n-Nitroso-di-n-propylamine
Concen: 34.516 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	10.3	7.4	11.2
130	23.4	16.6	25.0

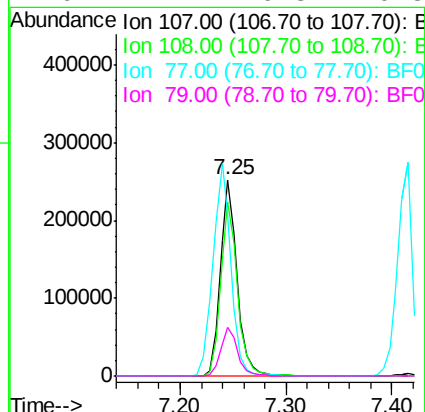
Manual Integrations
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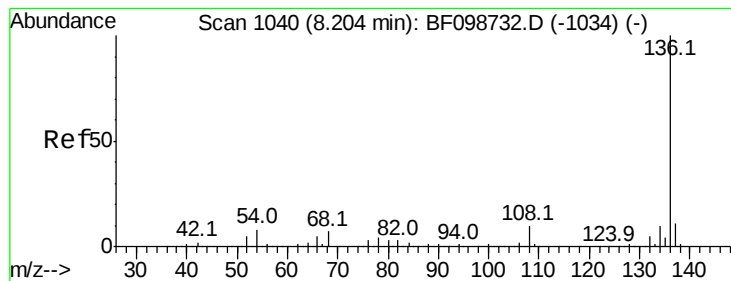
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#20
3+4-Methylphenols
Concen: 38.882 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.2	108.2
77	81.9	26.7	66.7#
79	24.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

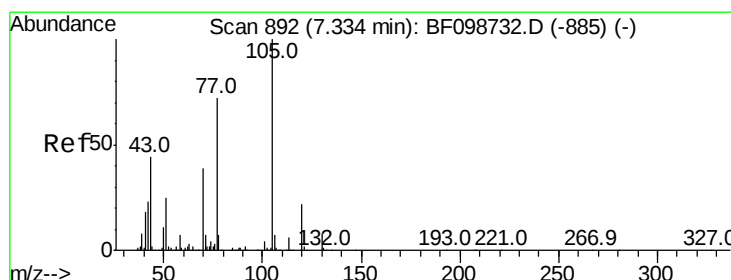
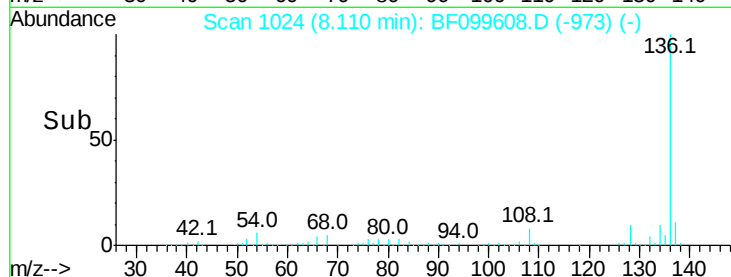
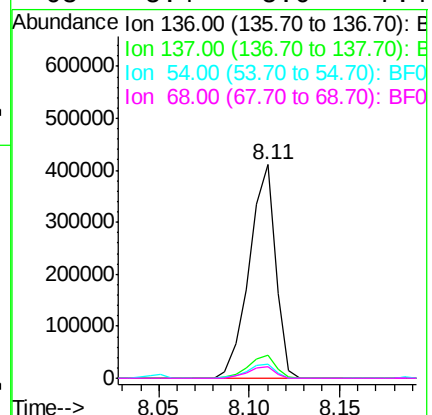
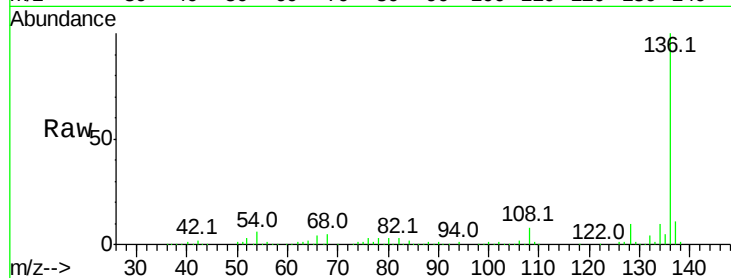
ClientSampleId :

PB103194BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.3	6.6	9.8#
68	5.4	5.0	7.4

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#22

Acetophenone

Concen: 35.778 ng

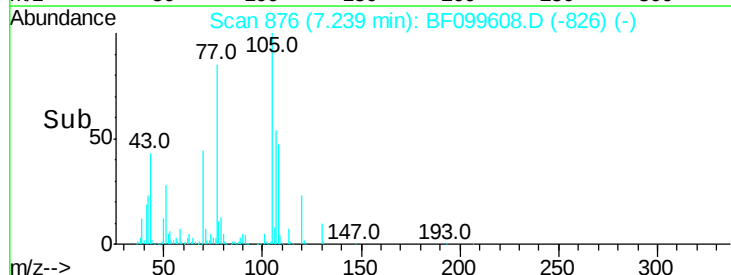
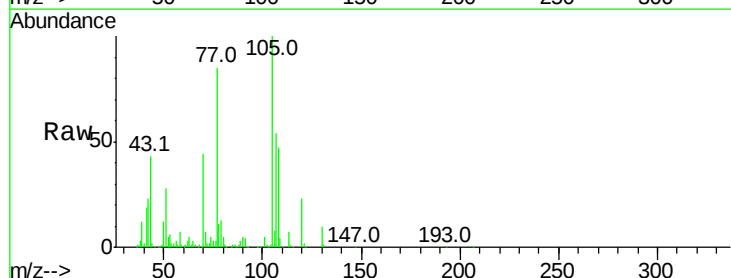
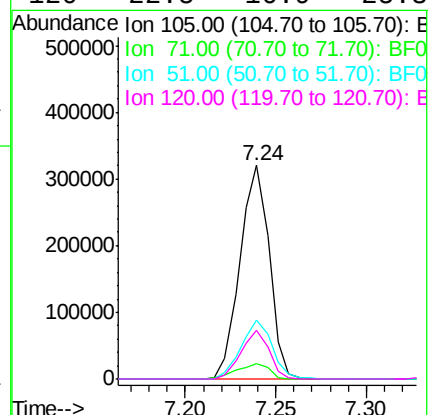
RT: 7.24 min Scan# 876

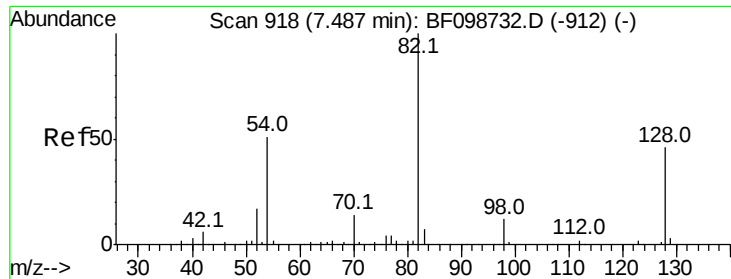
Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	7.3	4.4	6.6#
51	27.7	22.3	33.5
120	22.5	16.9	25.3





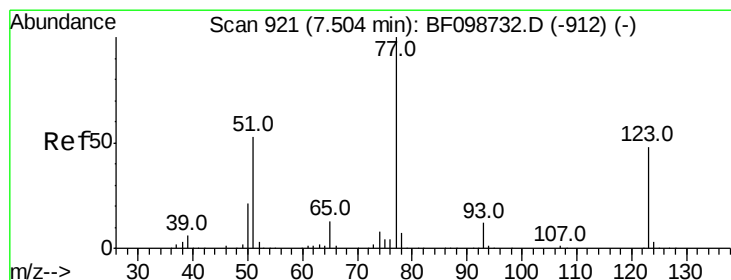
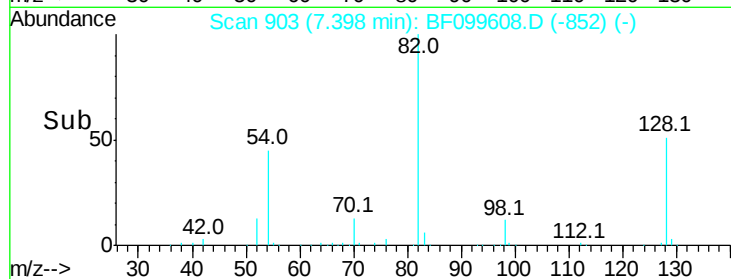
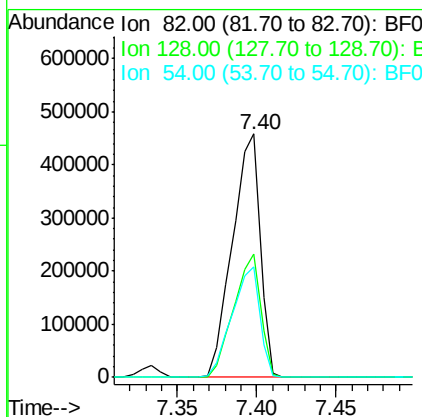
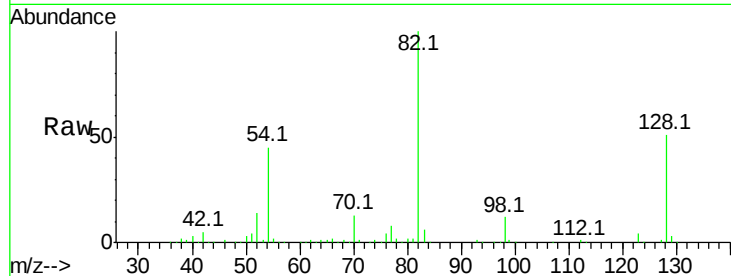
#23
 Nitrobenzene-d5
 Concen: 86.037 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.6	36.1	54.1
54	45.4	41.4	62.2

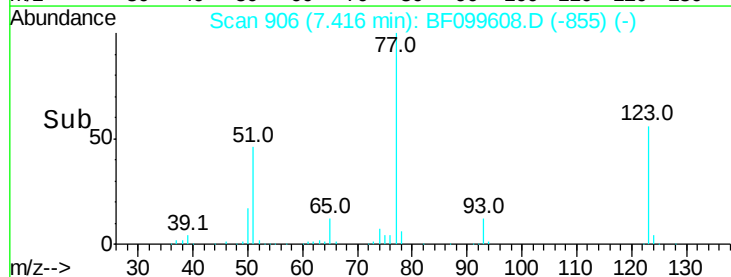
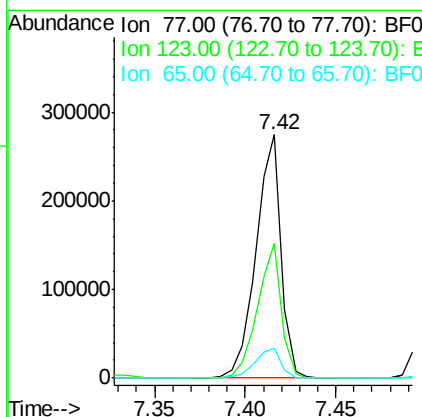
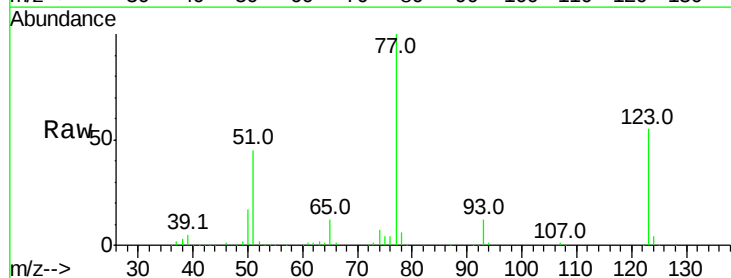
Manual Integrations
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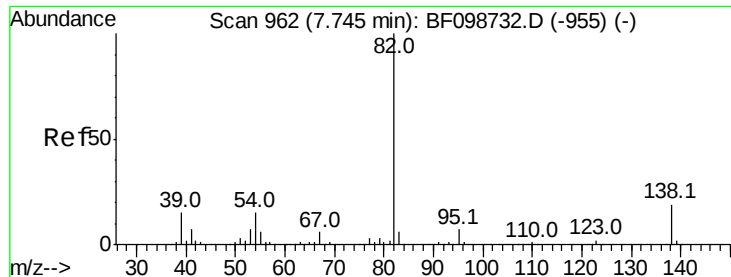
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#24
 Nitrobenzene
 Concen: 35.808 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.5	37.9	56.9
65	12.1	11.0	16.4





#25

Isophorone

Concen: 36.706 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

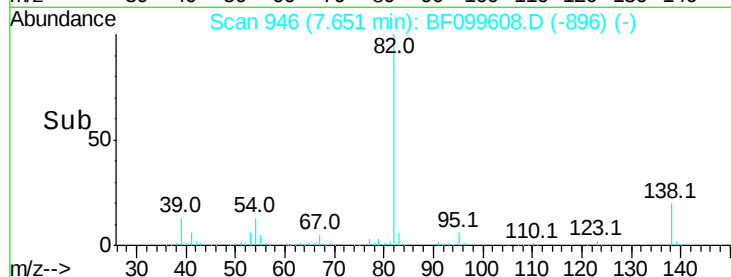
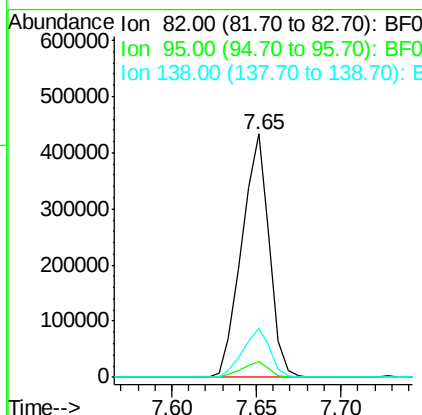
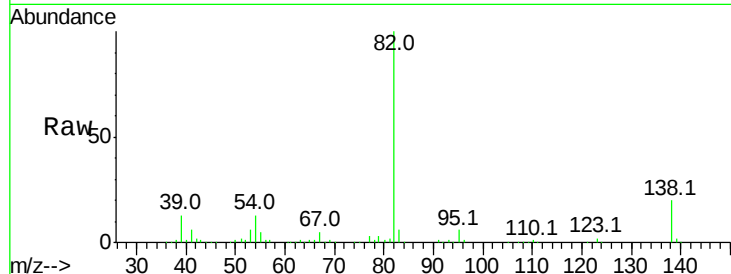
ClientSampleId :

PB103194BS

Tot Ion:	82	Resp:	490928
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.2	7.8
138	20.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.406 ng

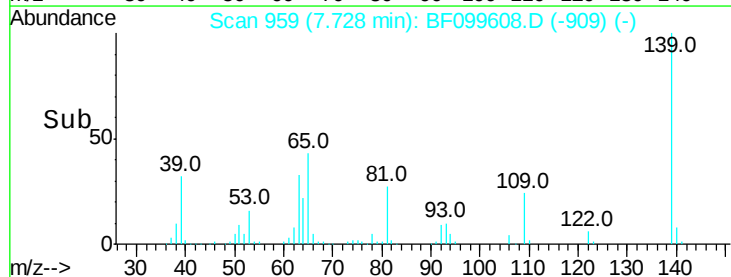
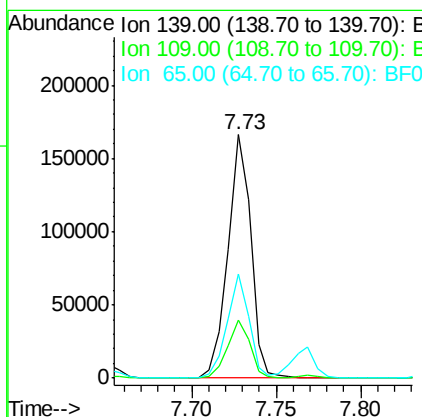
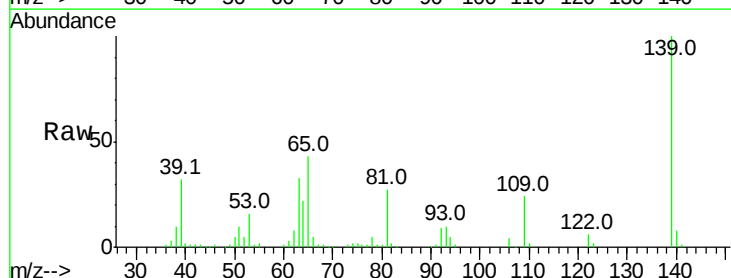
RT: 7.73 min Scan# 959

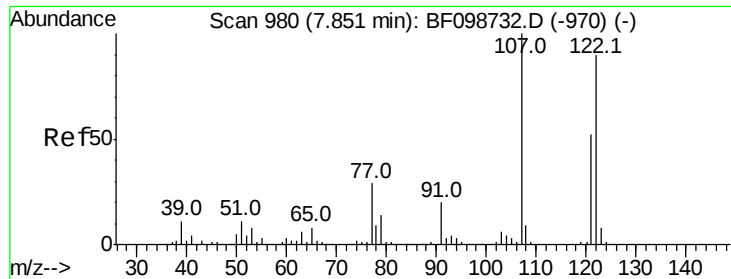
Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion:	139	Resp:	156701
Ion Ratio		Lower	Upper
139	100		
109	23.7	22.7	34.1
65	42.9	40.5	60.7





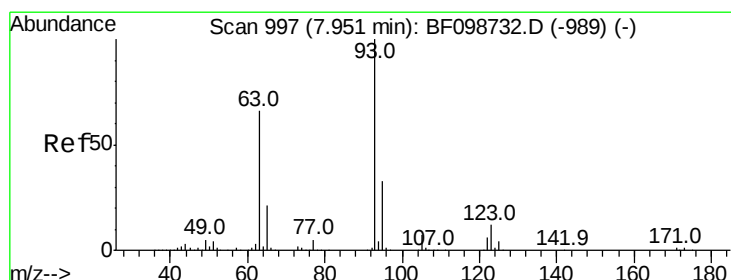
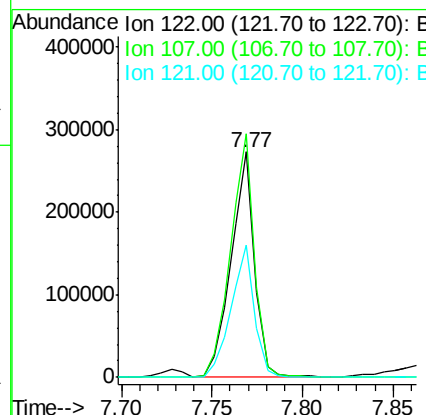
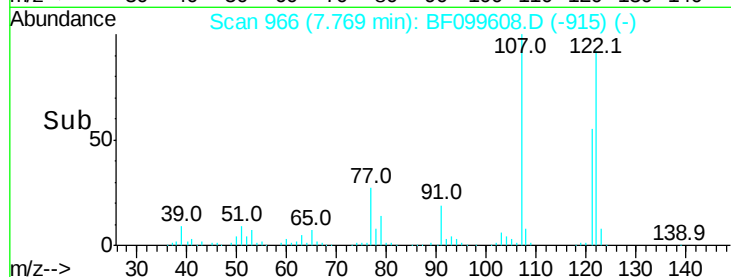
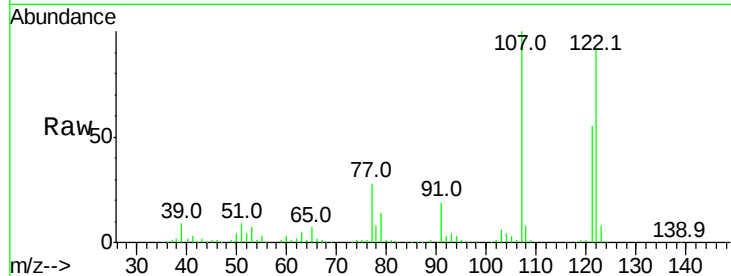
#27
2,4-Dimethylphenol
Concen: 36.864 ng
RT: 7.77 min Scan# 966
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.1	91.2	136.8
121	58.9	47.2	70.8

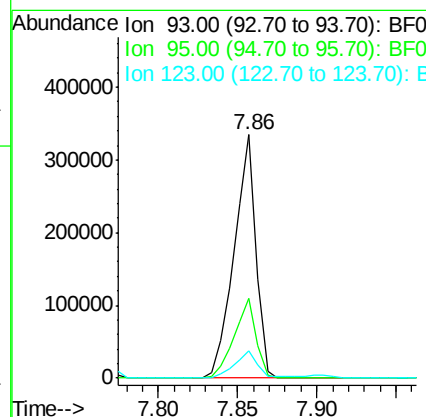
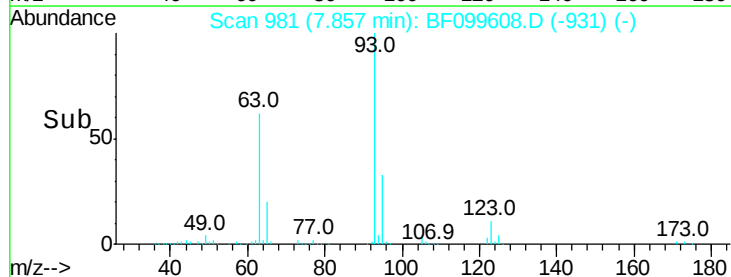
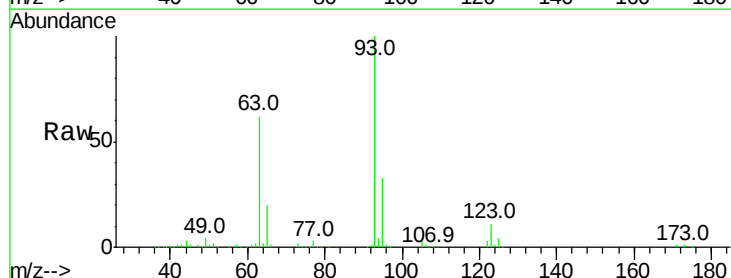
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 38.412 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.3	39.5
123	11.4	9.8	14.6





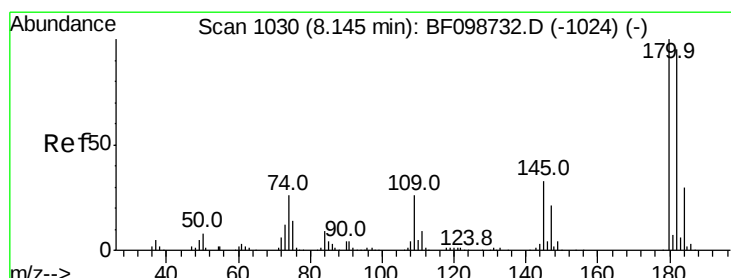
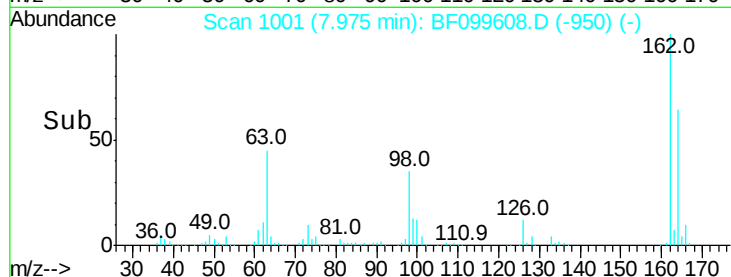
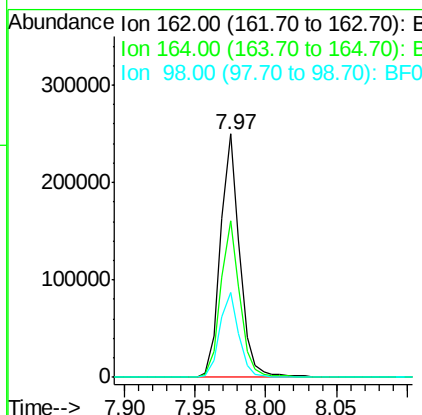
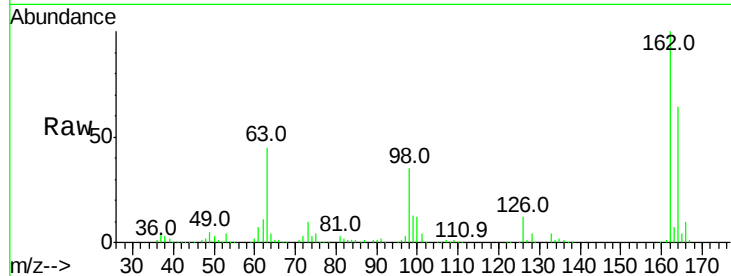
#29
 2,4-Dichlorophenol
 Concen: 41.306 ng
 RT: 7.97 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	236338		
164	64.1	42.7	82.7	
98	34.9	18.1	58.1	

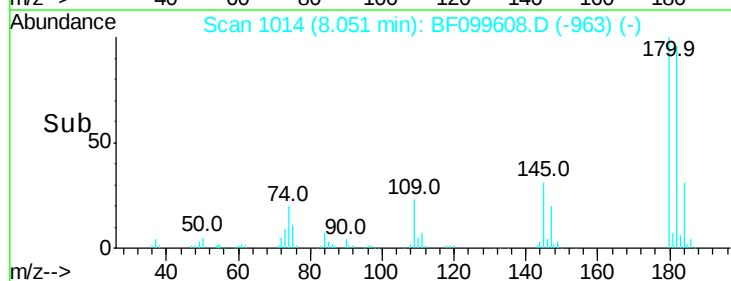
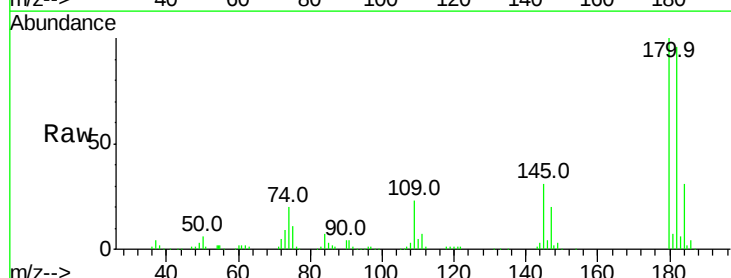
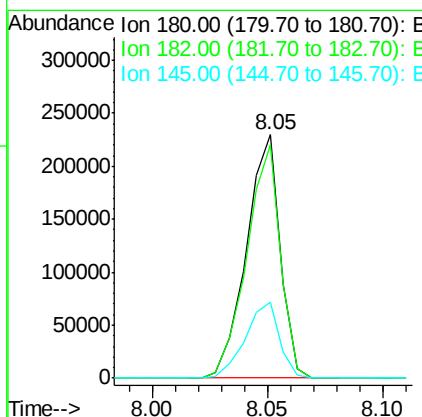
Manual Integrations
 APPROVED

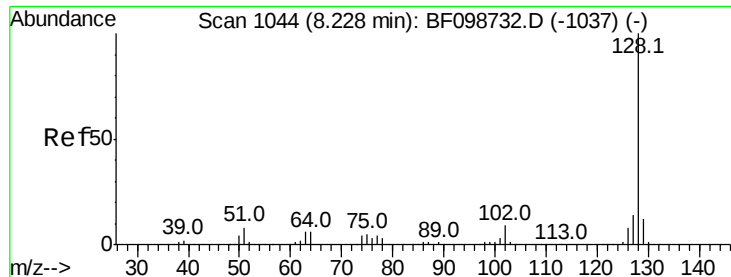
Sohil
 10/19/2017 5:14:27 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.045 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	234886		
182	95.7	76.8	115.2	
145	31.0	26.5	39.7	





#31

Naphthalene

Concen: 39.903 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

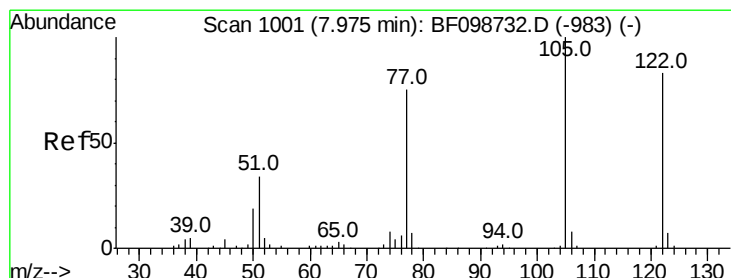
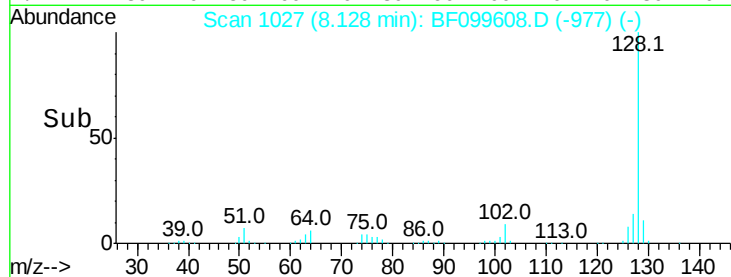
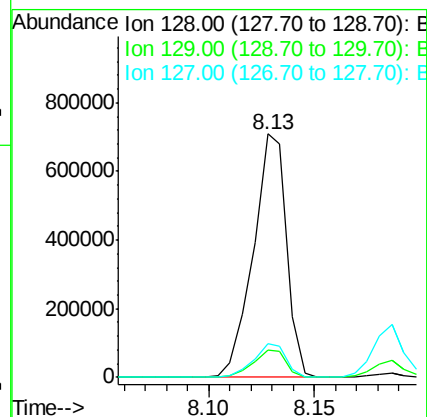
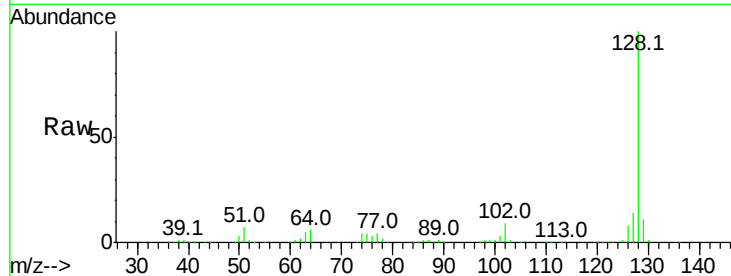
ClientSampleId :

PB103194BS

Tot Ion:	128	Resp:	777487
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.8	13.2
127	13.6	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 22.349 ng

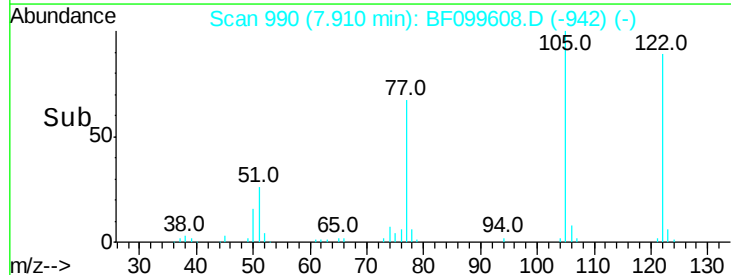
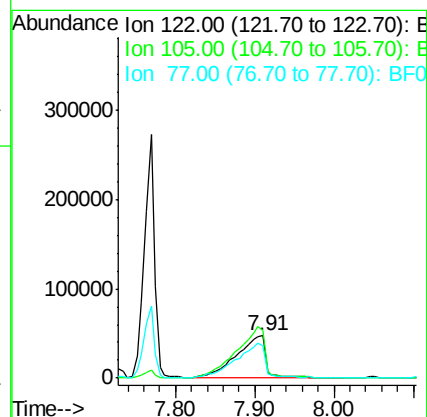
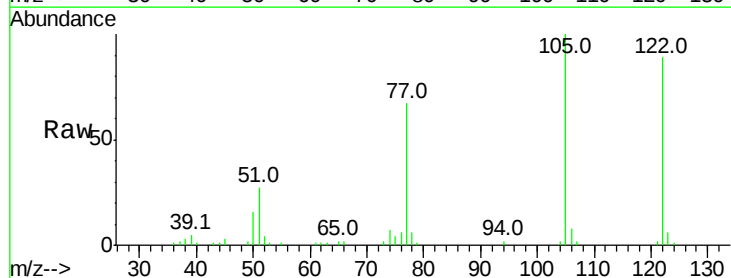
RT: 7.91 min Scan# 990

Delta R.T. -0.02 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion:	122	Resp:	122343
Ion Ratio	Lower	Upper	
122	100		
105	113.0	101.1	141.1
77	76.1	70.7	110.7





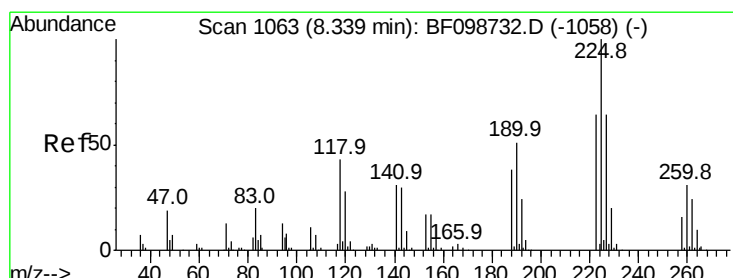
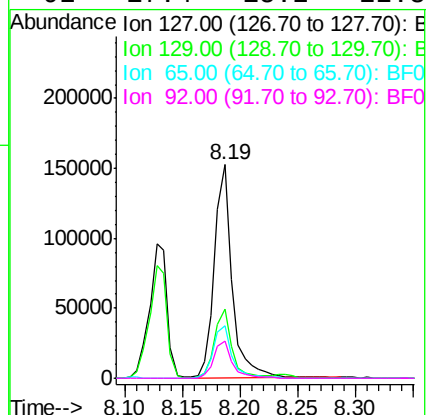
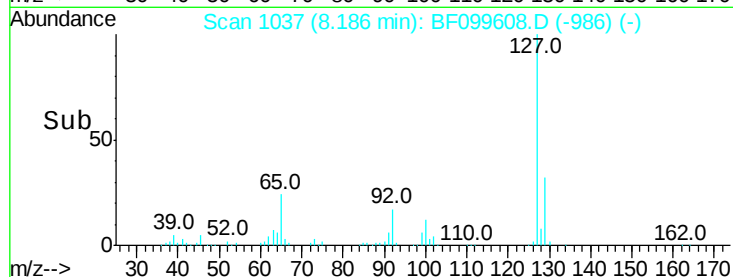
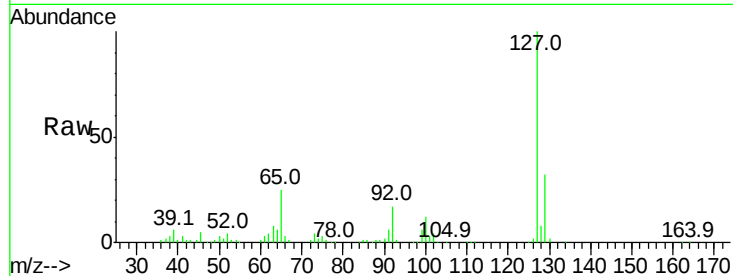
#33
4-Chloroaniline
Concen: 20.154 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.9	38.9	
65	24.8	25.0	37.4	
92	17.4	15.2	22.8	

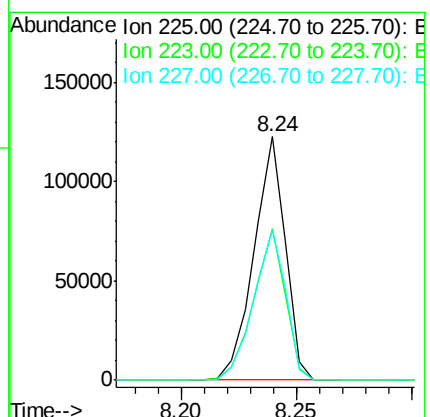
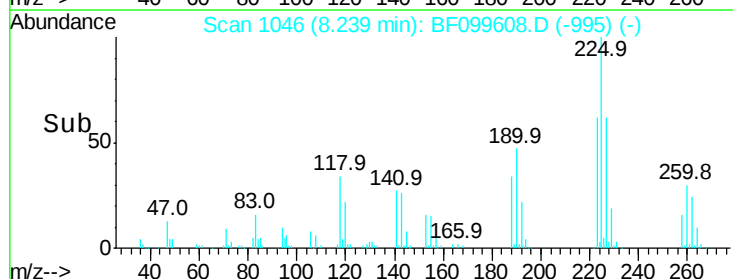
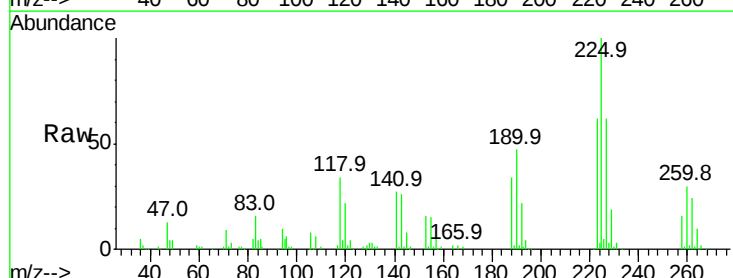
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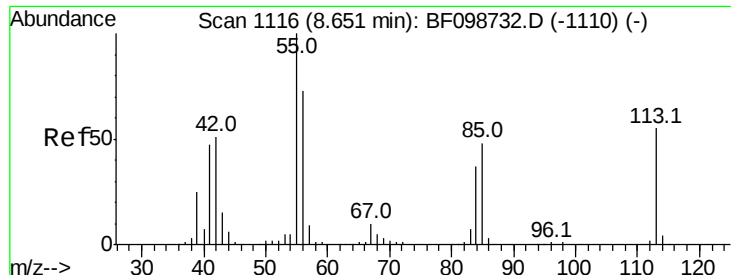
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#34
Hexachlorobutadiene
Concen: 39.443 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	50.6	76.0	
227	61.9	51.9	77.9	





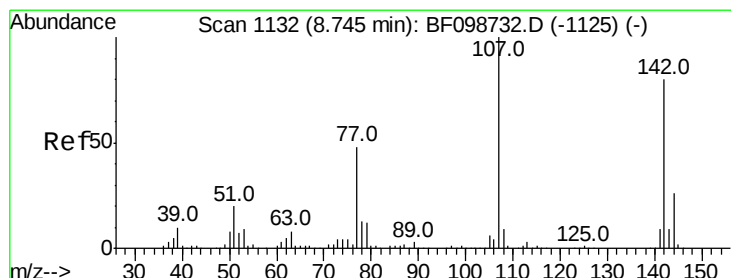
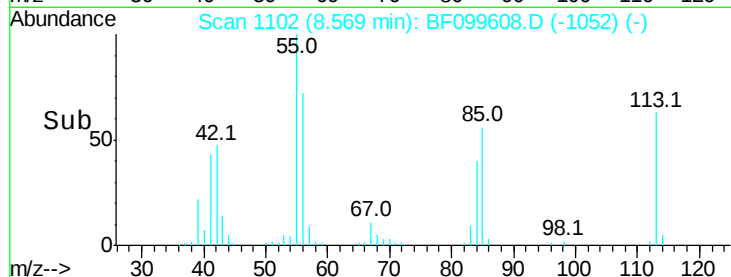
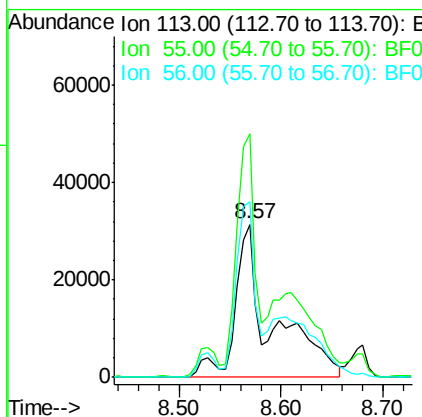
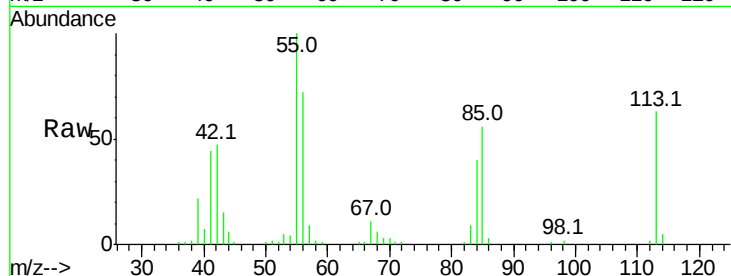
#35
 Caprolactam
 Concen: 42.665 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleID :
 PB103194BS

Tot Ion:113 Resp: 78306
 Ion Ratio Lower Upper
 113 100
 55 159.3 163.3 203.3#
 56 114.8 115.7 155.7#

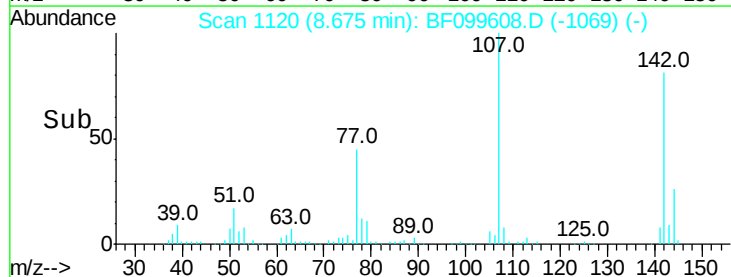
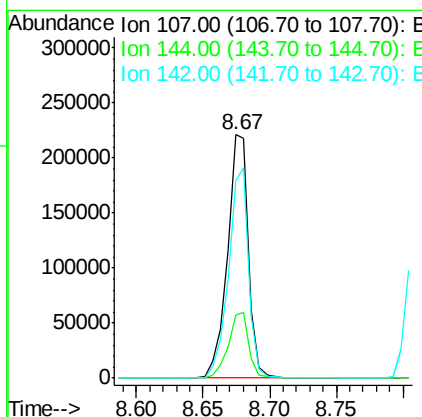
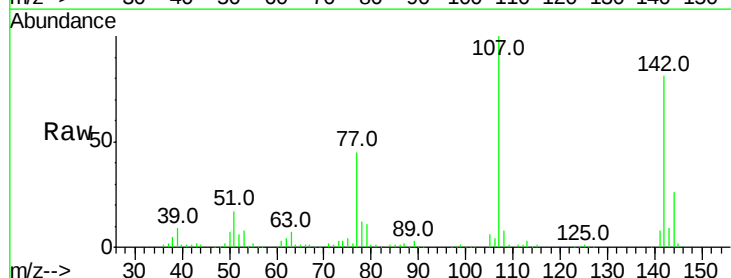
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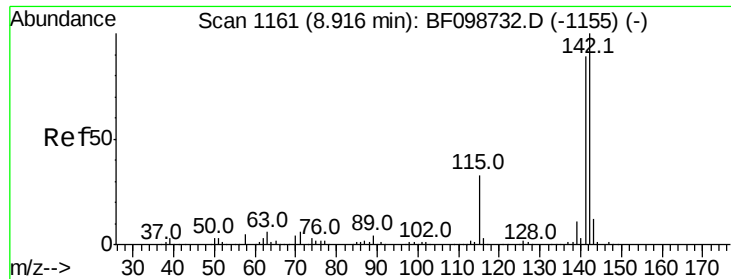
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#36
 4-Chloro-3-methylphenol
 Concen: 38.159 ng/ml
 RT: 8.67 min Scan# 1120
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion:107 Resp: 245403
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 81.1 62.0 93.0





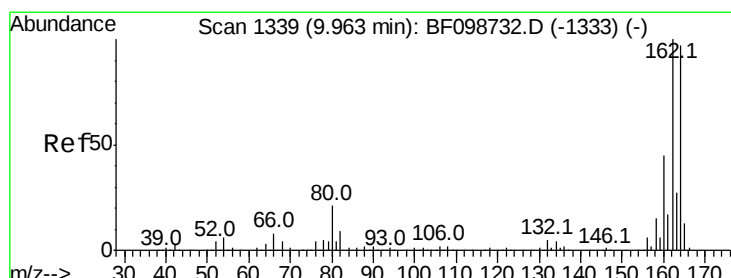
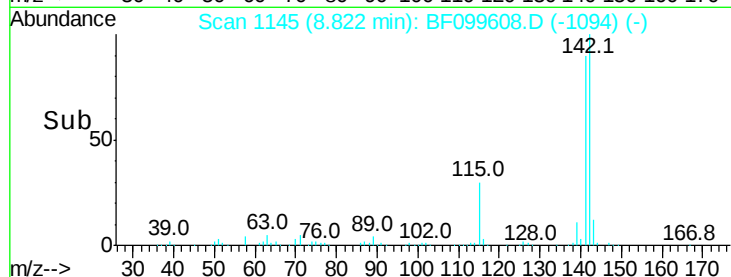
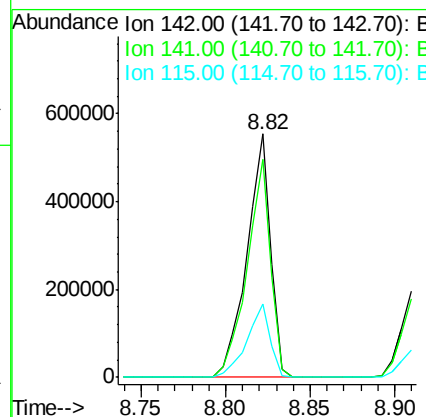
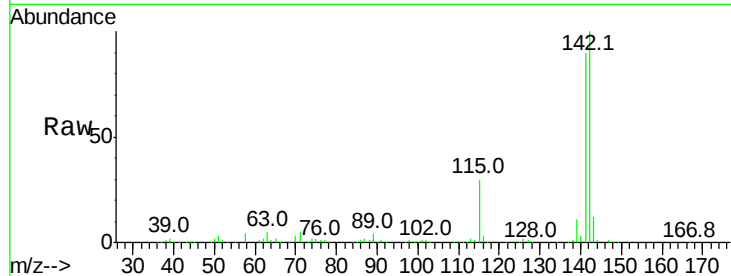
#37
2-Methylnaphthalene
Concen: 42.966 ng
RT: 8.82 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	544221		
141	89.6		70.8	106.2
115	30.0		26.1	39.1

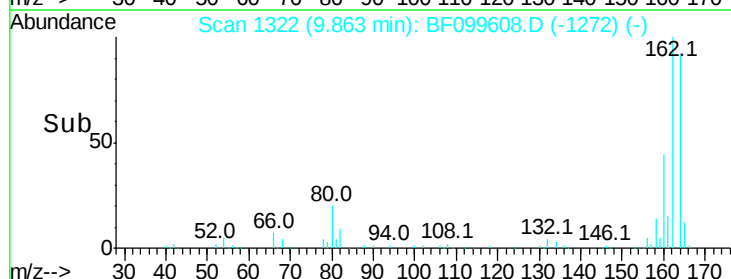
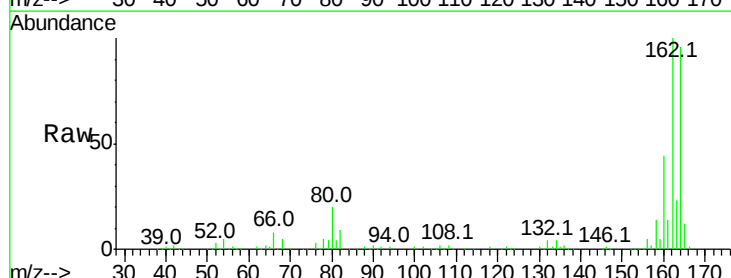
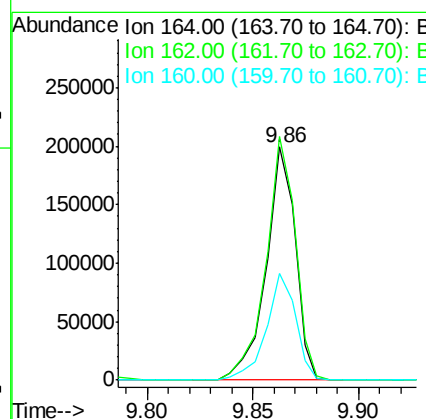
Manual Integrations
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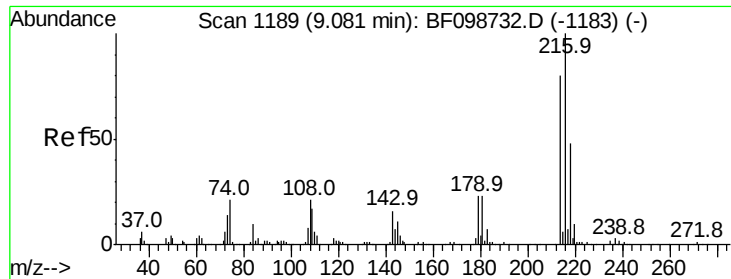
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	192371		
162	104.4		86.1	129.1
160	45.6		38.3	57.5





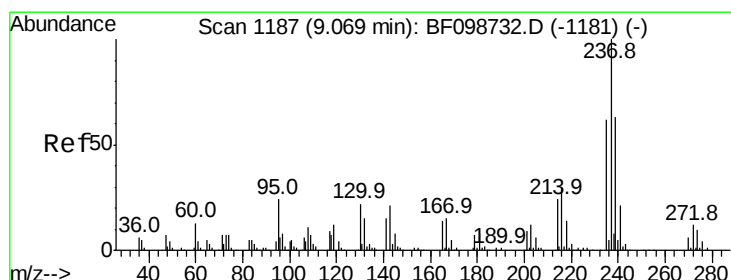
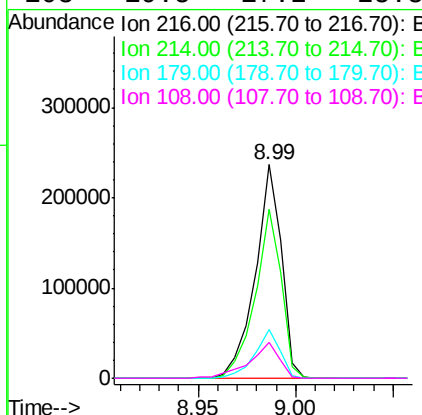
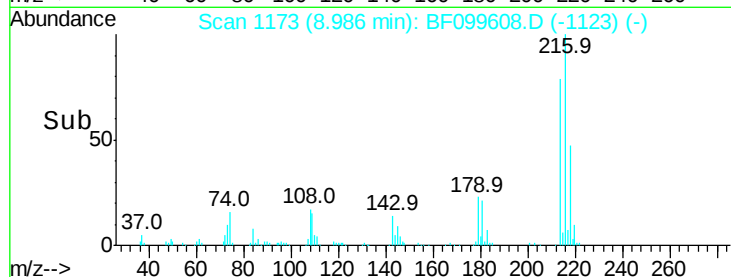
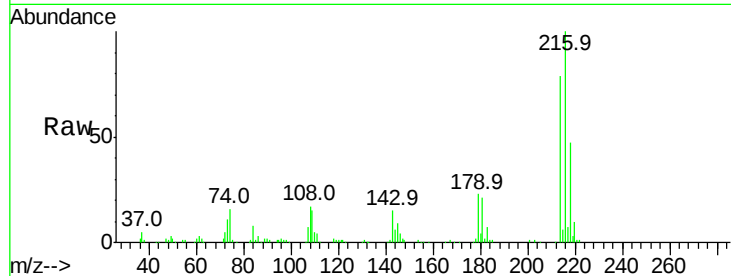
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.230 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	219329		
214	78.8	63.0	94.4	
179	22.2	18.1	27.1	
108	19.5	17.2	25.8	

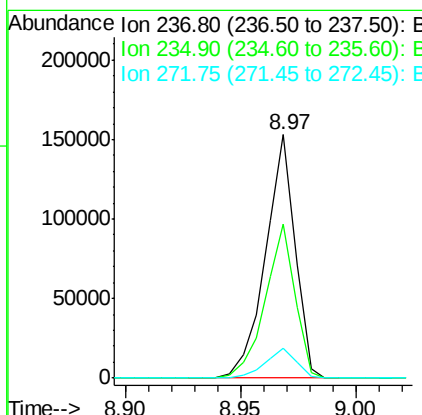
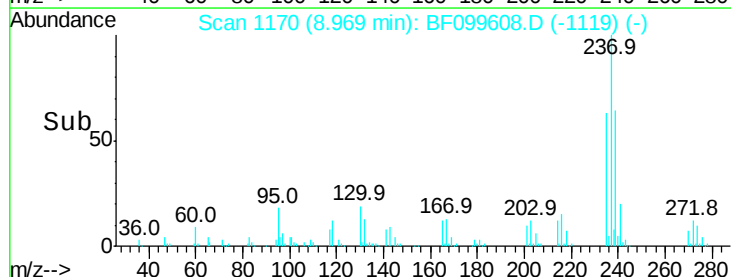
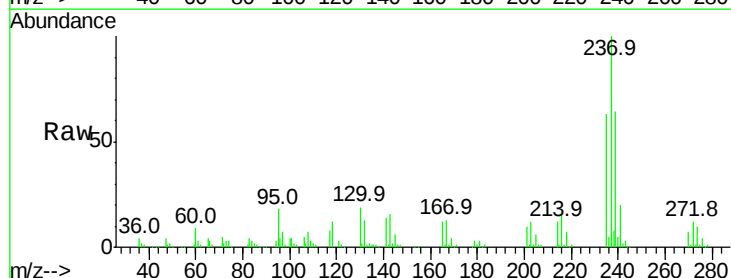
Manual Integrations
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#40
 Hexachlorocyclopentadiene
 Concen: 52.046 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	136454		
235	63.3	44.8	84.8	
272	12.3	0.0	33.3	





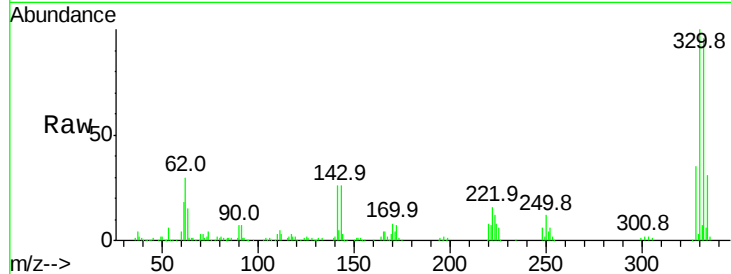
#41
 2,4,6-Tribromophenol
 Concen: 132.226 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampled :
 PB103194BS

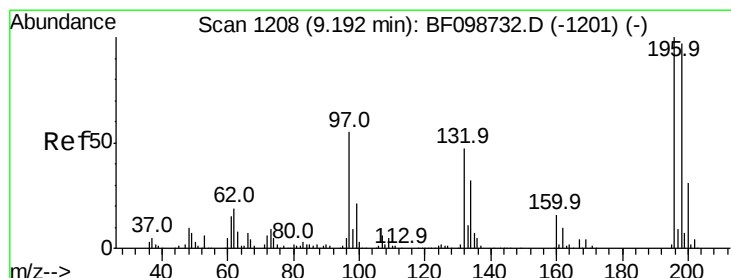
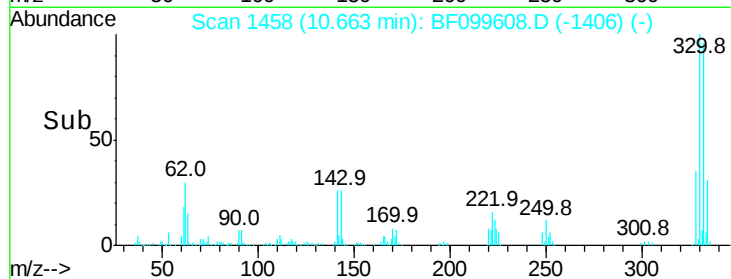
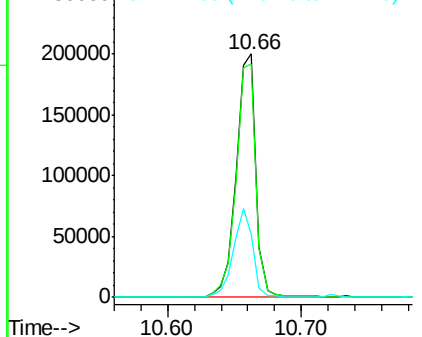
Tot Ion	Ratio	Resp	Lower	Upper
330	100	208139		
332	97.8	77.0	115.6	
141	36.3	29.9	44.9	

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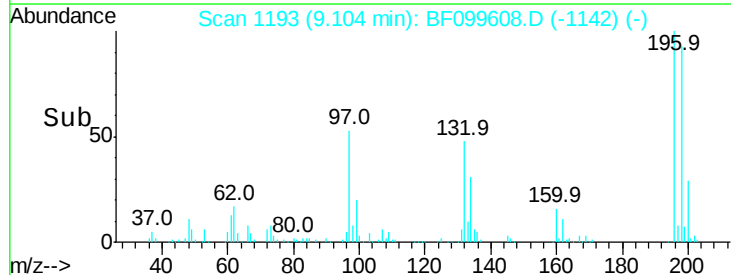
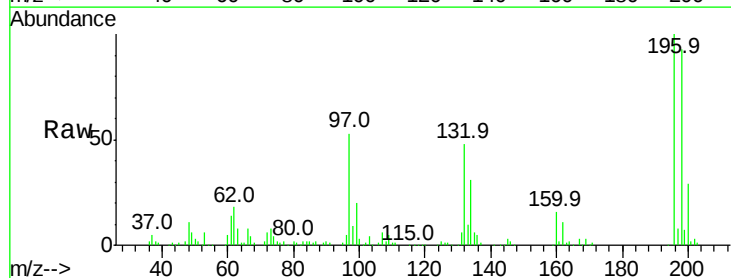
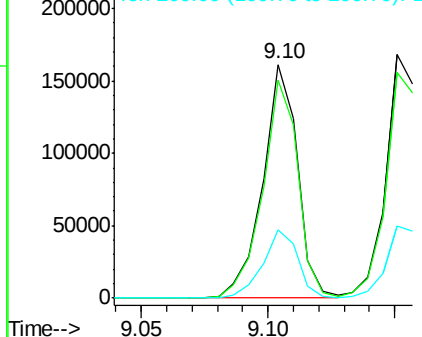
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.273 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155553		
198	93.5	75.7	113.5	
200	29.4	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





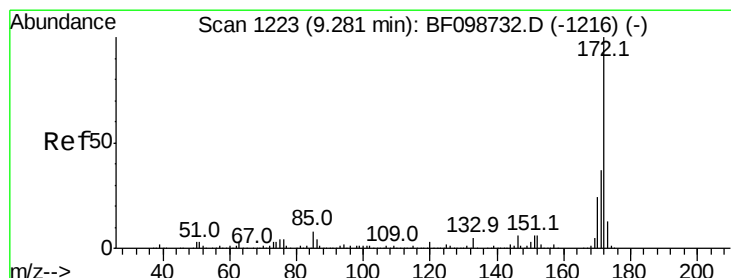
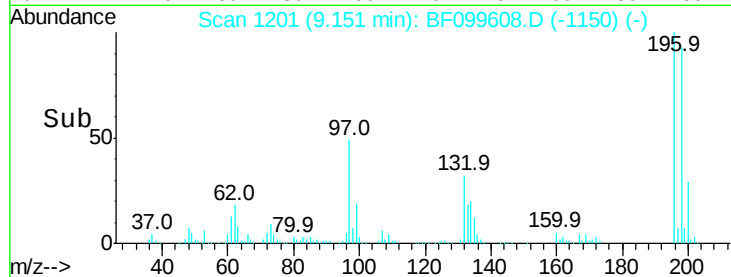
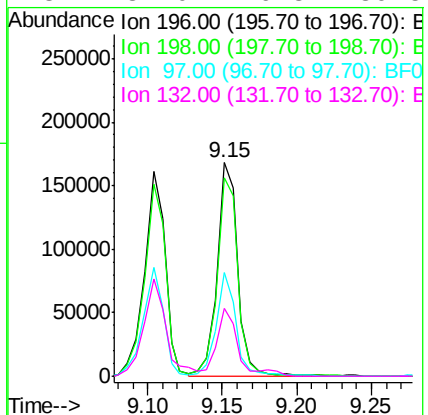
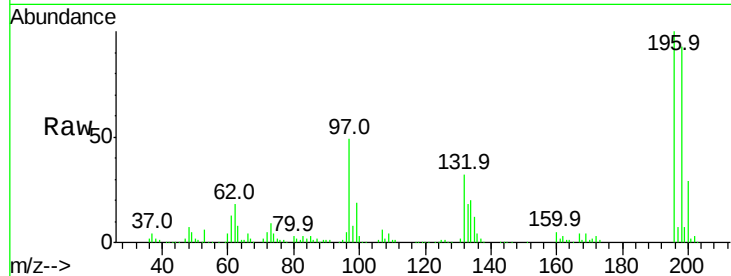
#43
 2,4,5-Trichlorophenol
 Concen: 39.610 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BS

Tot Ion:	196	Resp:	160705
Ion Ratio	Lower	Upper	
196	100		
198	92.7	74.6	112.0
97	48.8	42.9	64.3
132	32.0	26.3	39.5

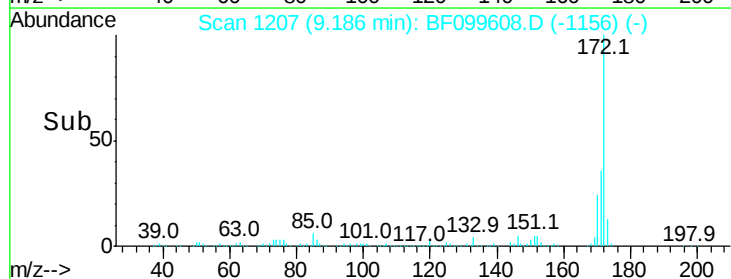
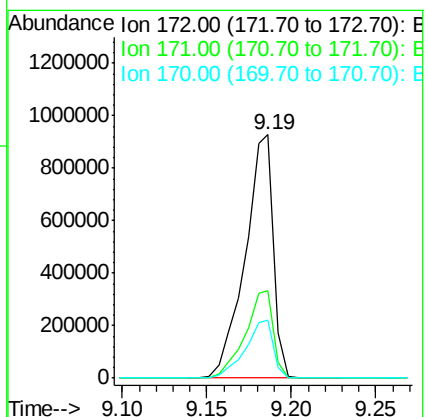
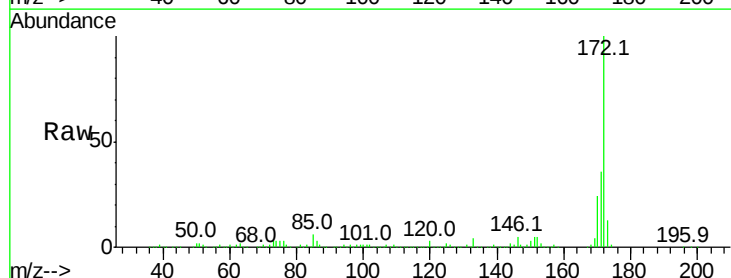
Manual Integrations
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#44
 2-Fluorobiphenyl
 Concen: 94.055 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion:	172	Resp:	1083817
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.7	44.5
170	23.7	19.6	29.4





#45

1,1'-Biphenyl

Concen: 38.876 ng

RT: 9.29 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

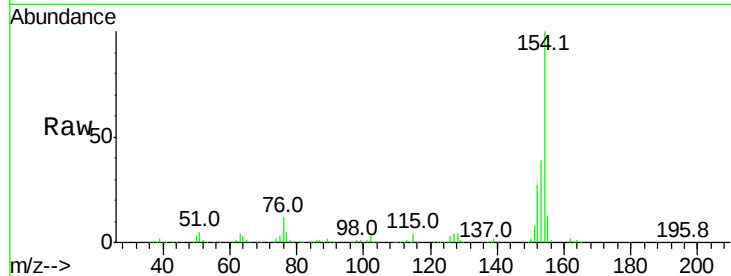
ClientSampleId :

PB103194BS

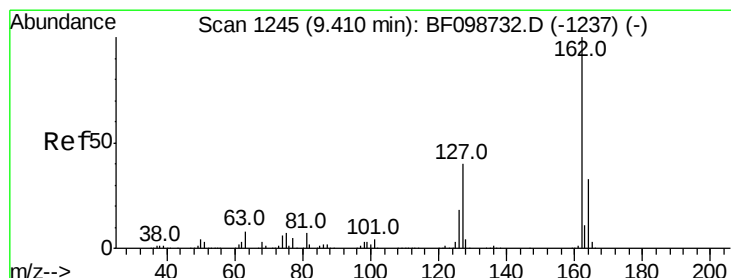
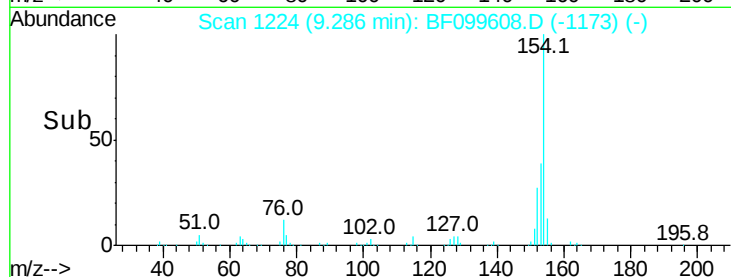
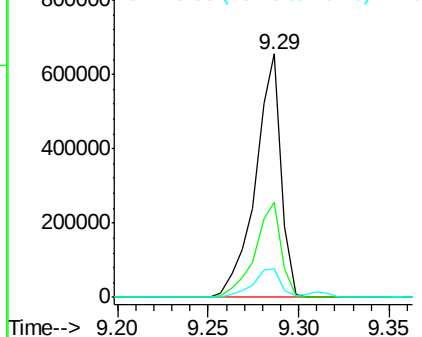
Tot Ion:	154	Resp:	642734
Ion Ratio	Lower	Upper	
154	100		
153	39.1	21.3	61.3
76	11.7	0.0	34.0

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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: 40.203 ng

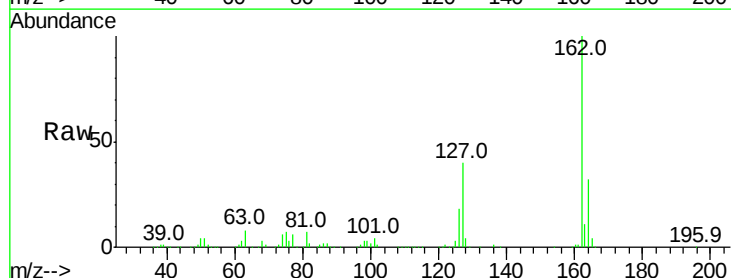
RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

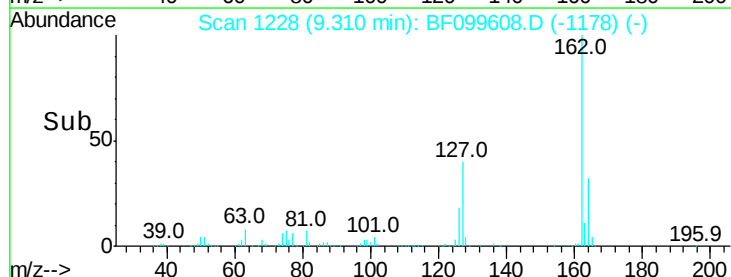
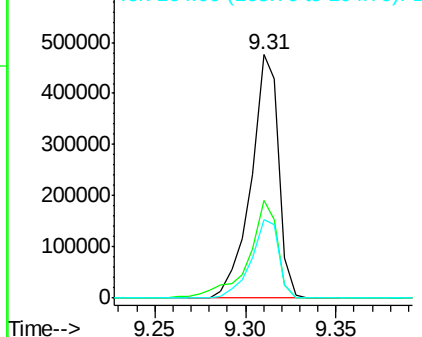
Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion:	162	Resp:	499060
Ion Ratio	Lower	Upper	
162	100		
127	40.4	33.9	50.9
164	32.5	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





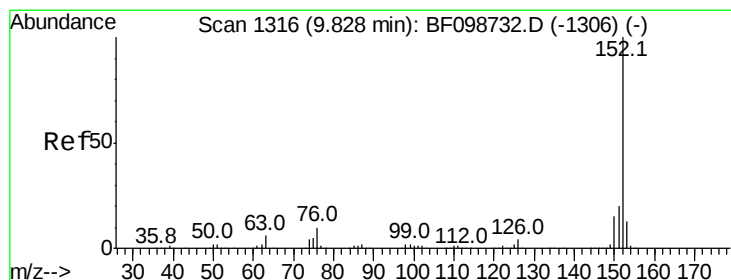
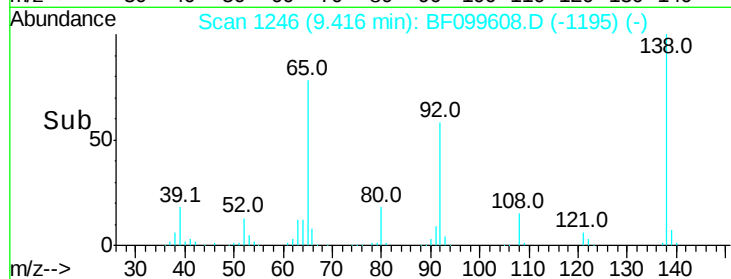
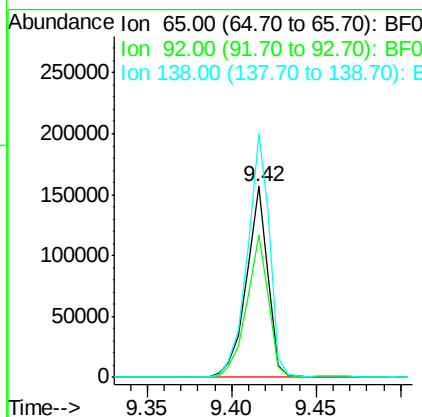
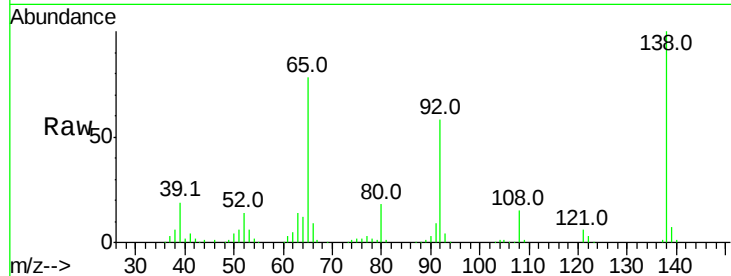
#47
2-Nitroaniline
Concen: 36.977 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleID :
PB103194BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	74.4	55.8	83.6
138	127.4	91.2	136.8

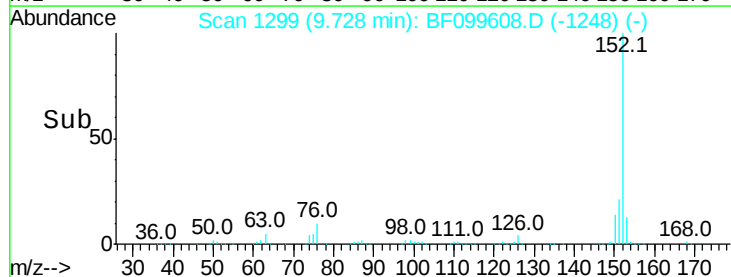
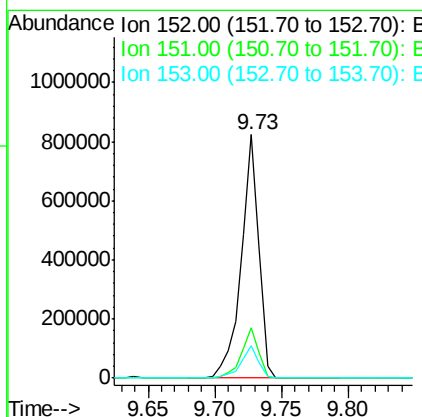
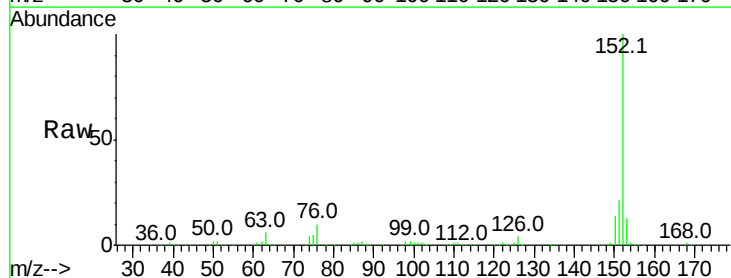
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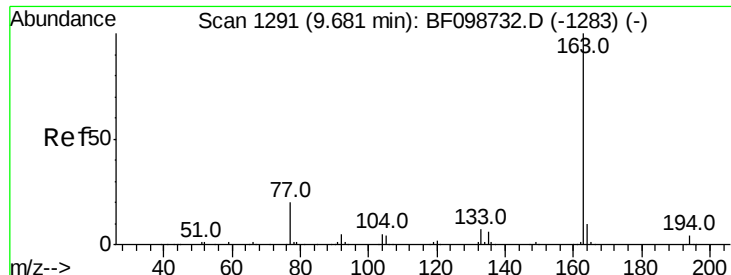
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#48
Acenaphthylene
Concen: 39.549 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.2	10.7	16.1





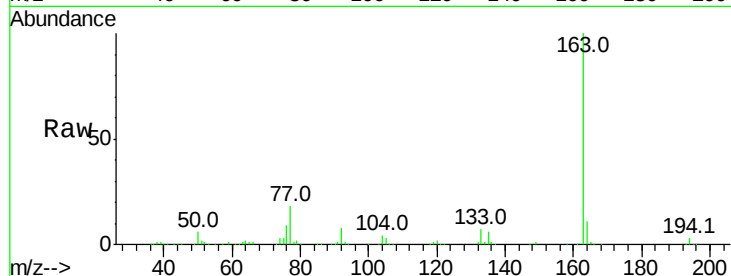
#49
 Dimethylphthalate
 Concen: 40.184 ng
 RT: 9.59 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BS

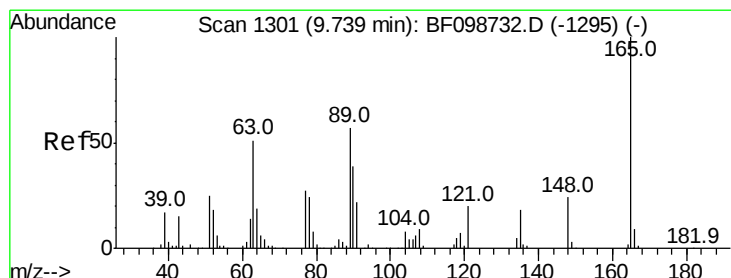
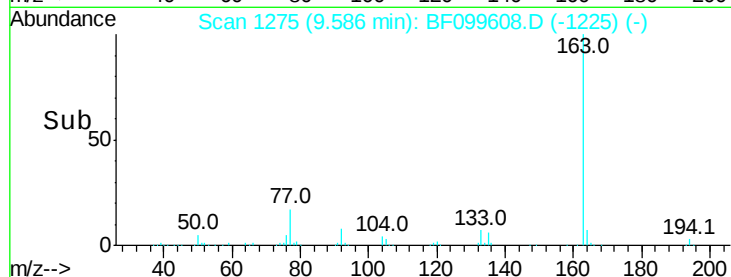
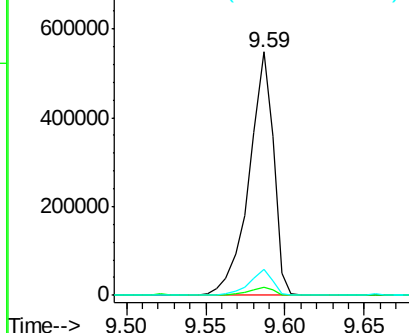
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.7	4.1	
164	10.6	8.2	12.2	

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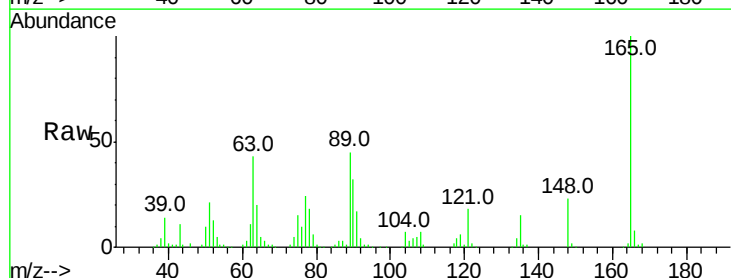


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

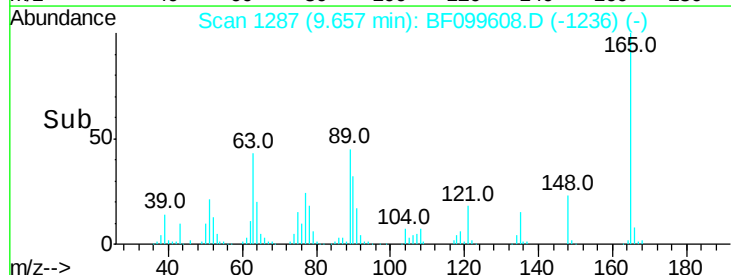
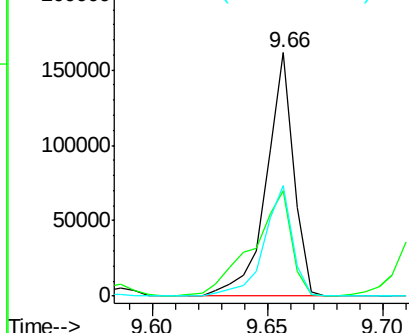


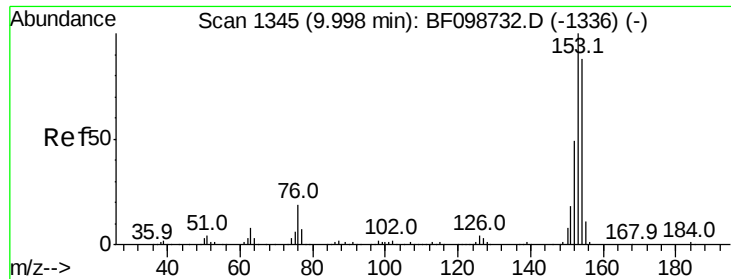
#50
 2,6-Dinitrotoluene
 Concen: 41.947 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.4	44.7	67.1#	
89	45.3	44.0	66.0	



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





#51

Acenaphthene

Concen: 37.157 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

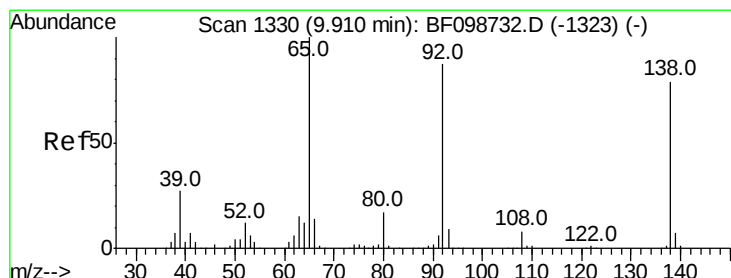
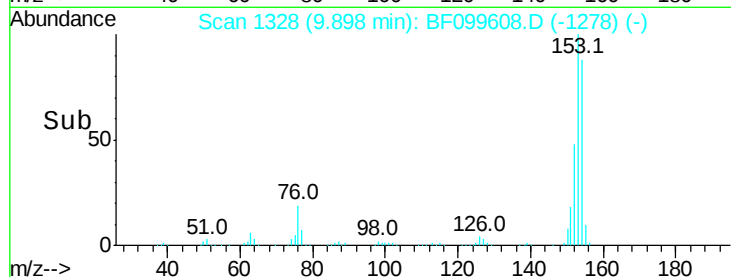
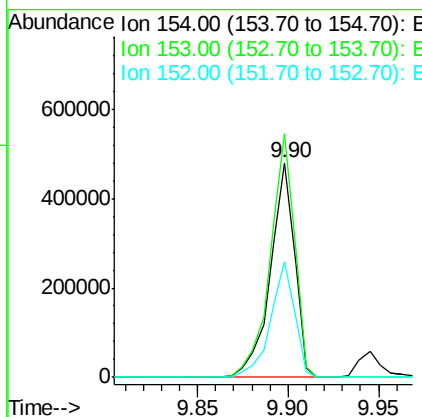
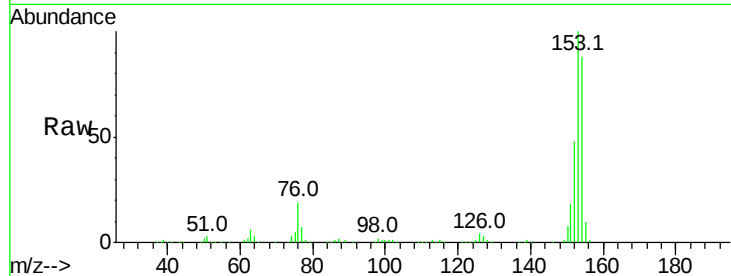
ClientSampleId :

PB103194BS

Tot Ion:	154	Resp:	447279
Ion Ratio	Lower	Upper	
154	100		
153	113.6	91.2	136.8
152	54.1	43.8	65.8

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#52

3-Nitroaniline

Concen: 28.328 ng

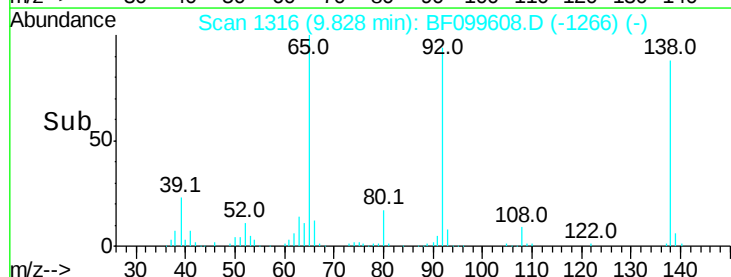
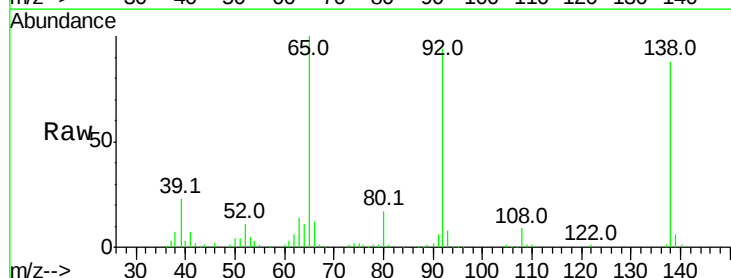
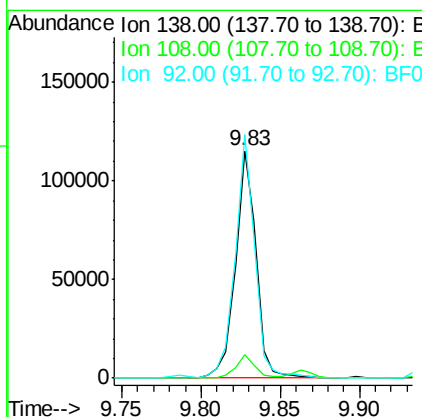
RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion:	138	Resp:	104405
Ion Ratio	Lower	Upper	
138	100		
108	10.2	9.4	14.0
92	107.2	89.4	134.2





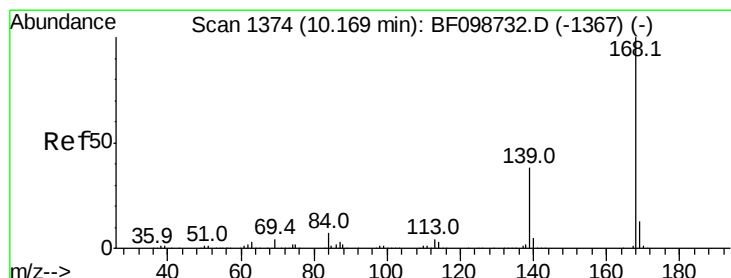
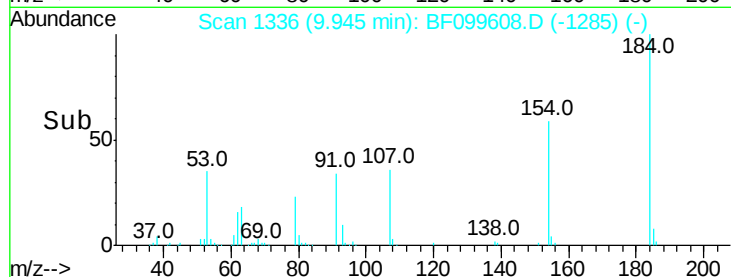
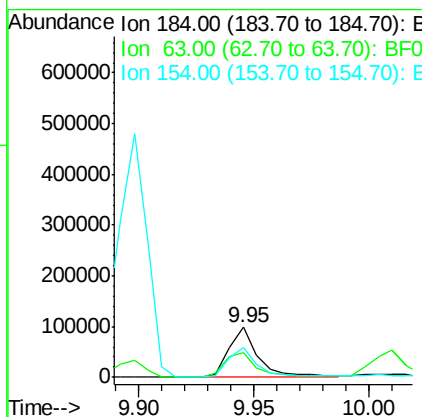
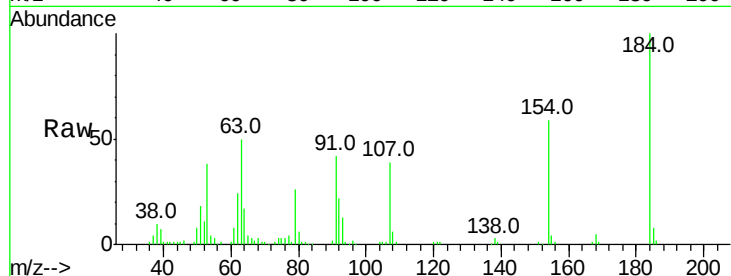
#53
2,4-Dinitrophenol
Concen: 56.203 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	49.7	54.2	81.2#	
154	58.6	53.5	80.3	

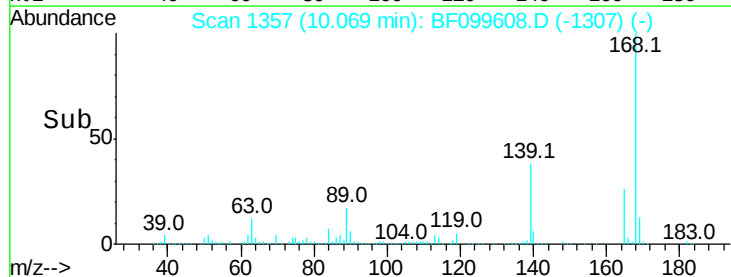
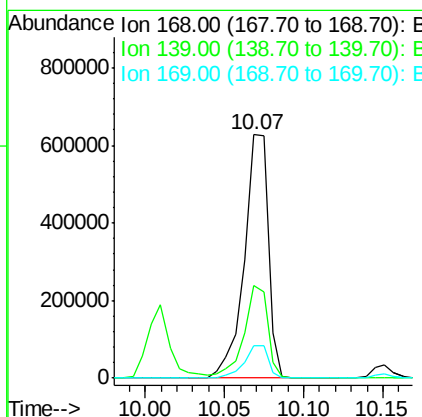
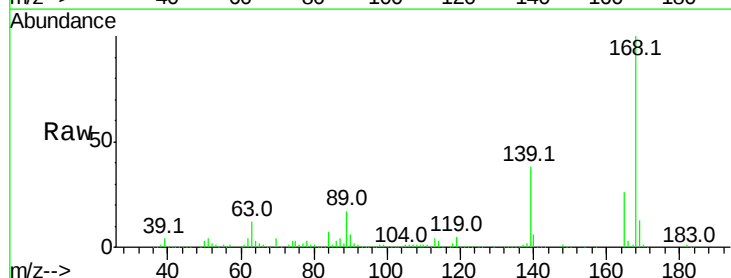
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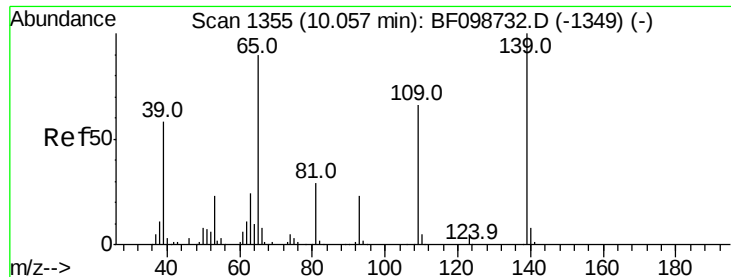
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#54
Dibenzofuran
Concen: 41.032 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.1	30.1	45.1	
169	13.1	10.9	16.3	





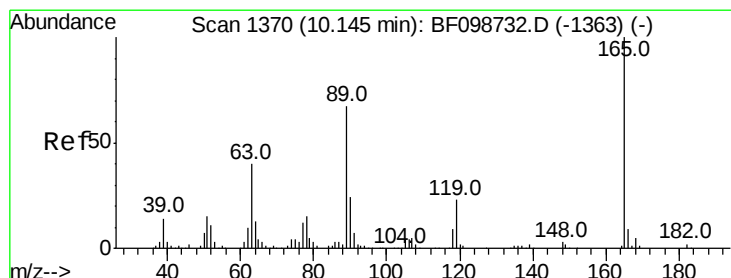
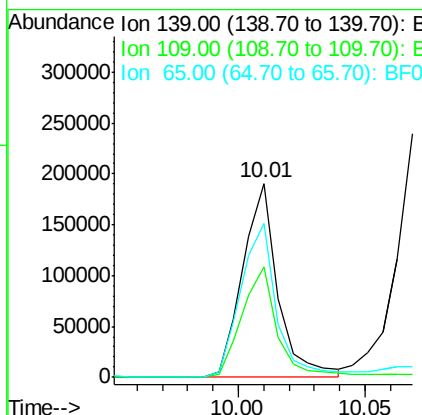
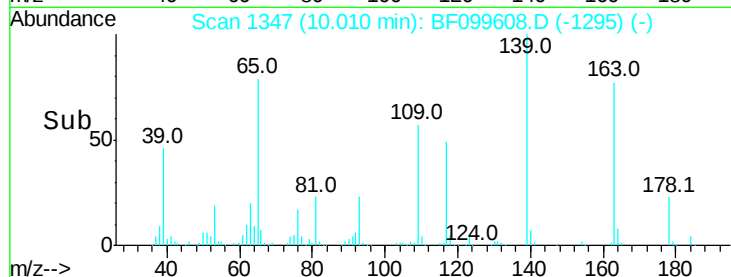
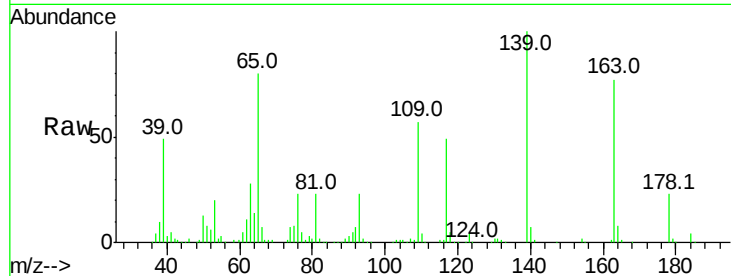
#55
4-Nitrophenol
Concen: 59.198 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	184489		
109	56.8	48.4	88.4	
65	79.7	72.6	112.6	

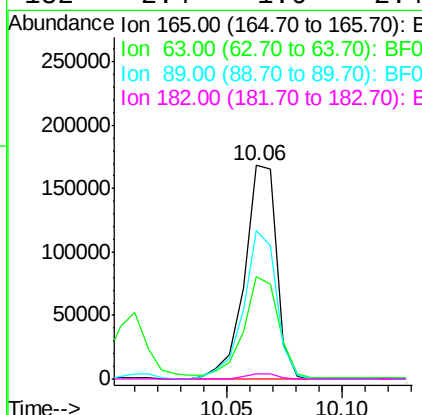
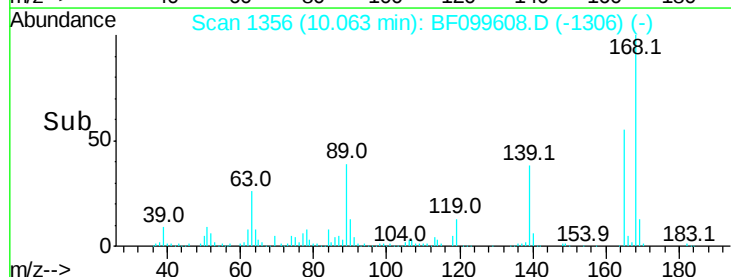
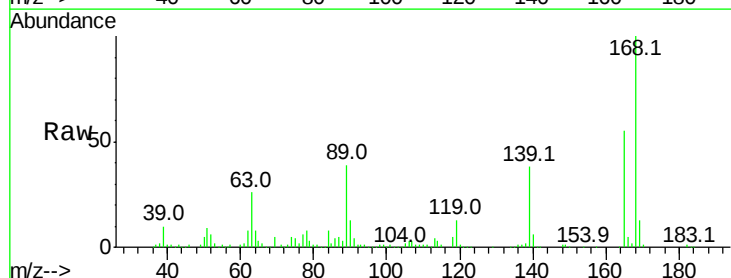
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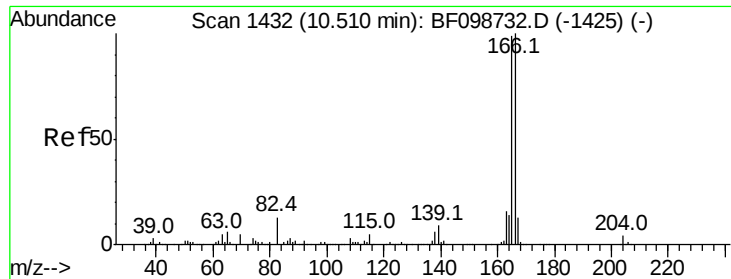
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#56
2,4-Dinitrotoluene
Concen: 40.009 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	164130		
63	47.7	36.4	54.6	
89	69.4	57.8	86.6	
182	2.4	1.6	2.4#	





#57

Fluorene

Concen: 41.365 ng

RT: 10.42 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

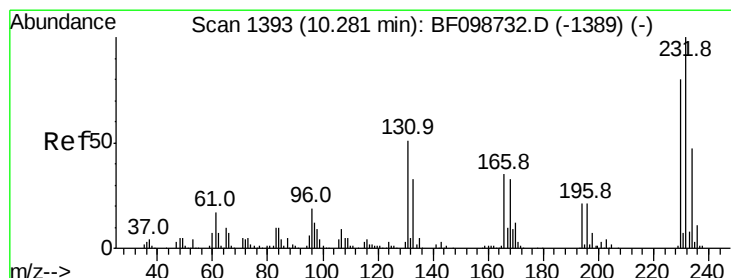
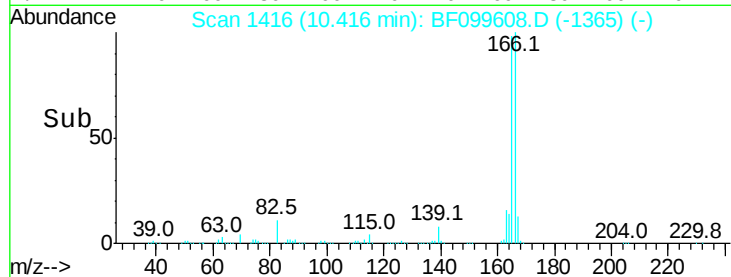
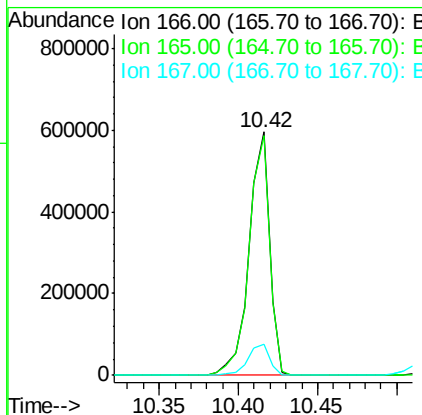
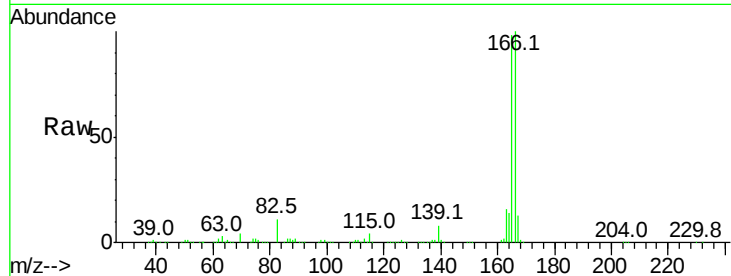
ClientSampleId :

PB103194BS

Tot Ion:	166	Resp:	532861
Ion Ratio	Lower	Upper	
166	100		
165	98.3	79.8	119.8
167	13.0	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.411 ng

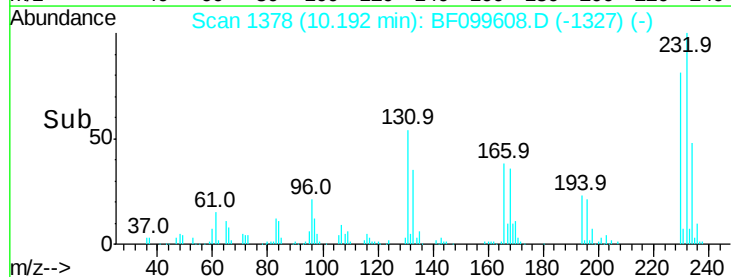
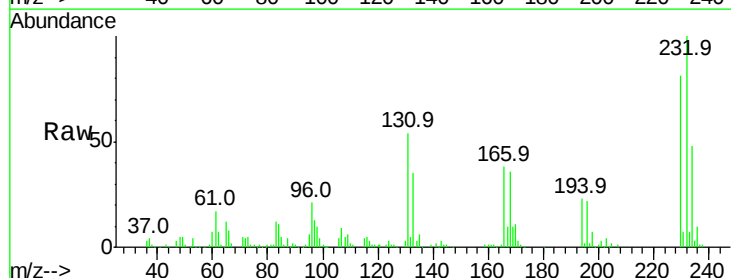
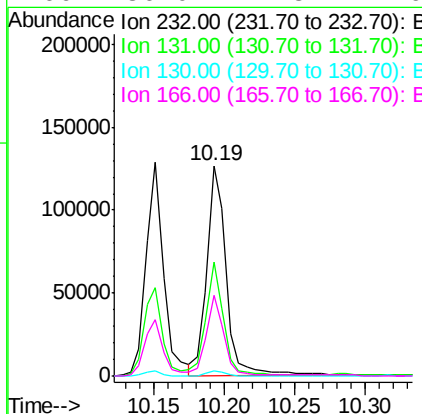
RT: 10.19 min Scan# 1378

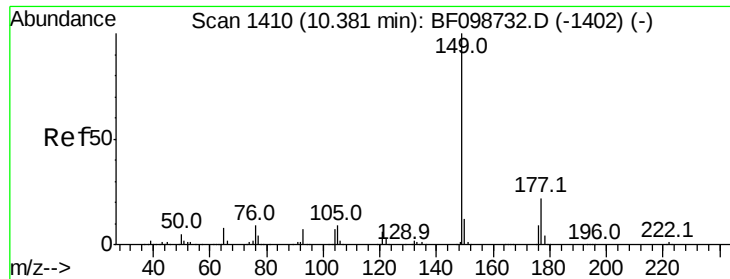
Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion:	232	Resp:	118863
Ion Ratio	Lower	Upper	
232	100		
131	50.1	43.8	65.8
130	2.3	2.1	3.1
166	36.0	27.8	41.6





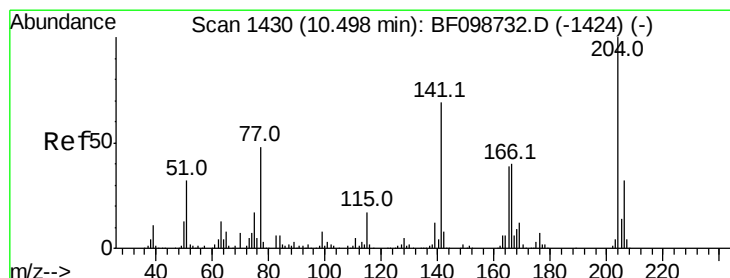
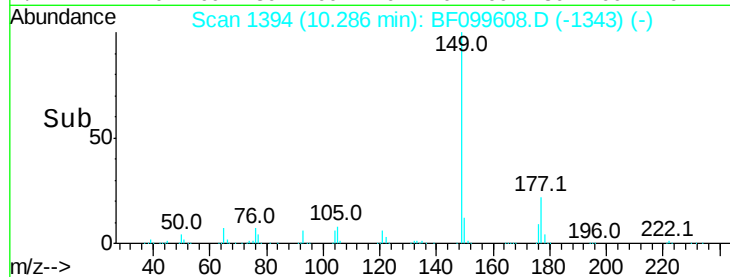
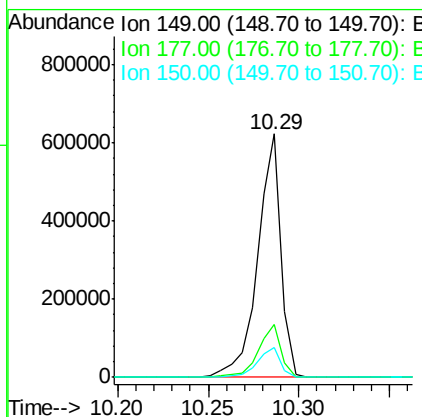
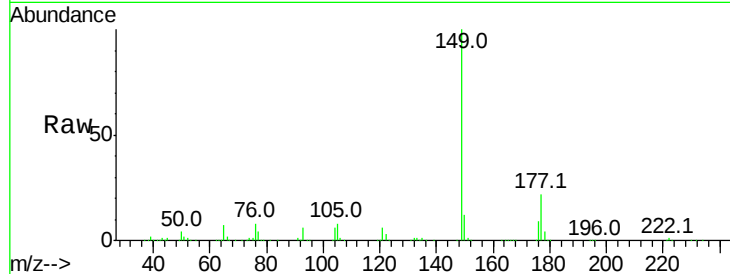
#59
Diethylphthalate
Concen: 38.820 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.0	10.1	15.1

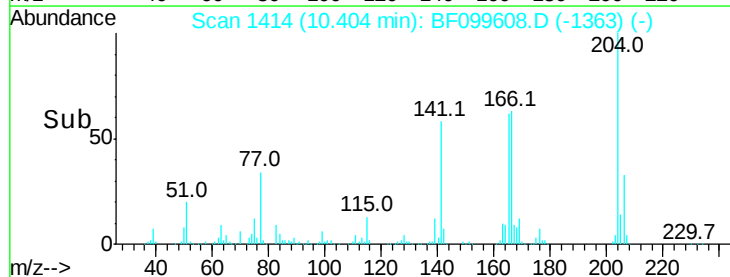
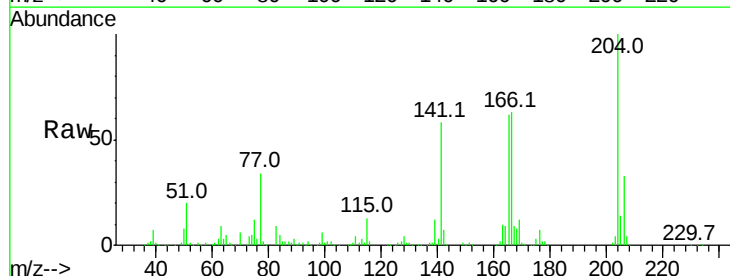
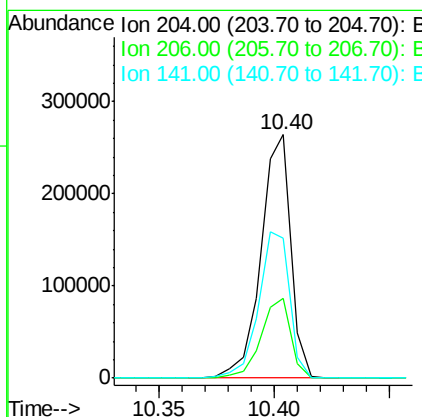
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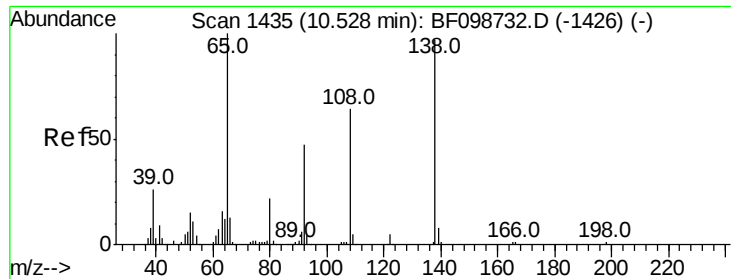
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#60
4-Chlorophenyl-phenylether
Concen: 41.172 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	57.5	54.6	81.8





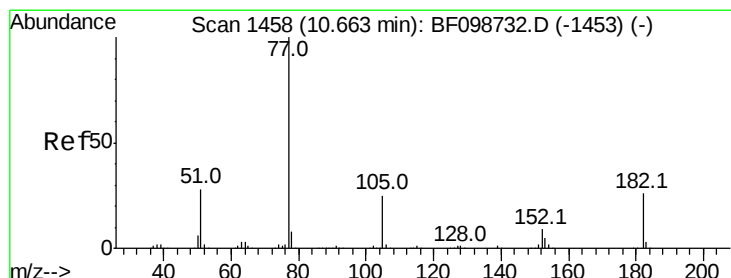
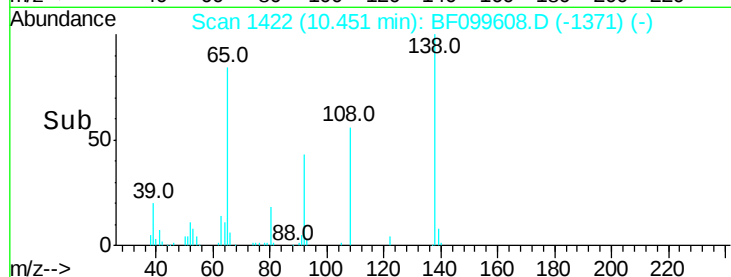
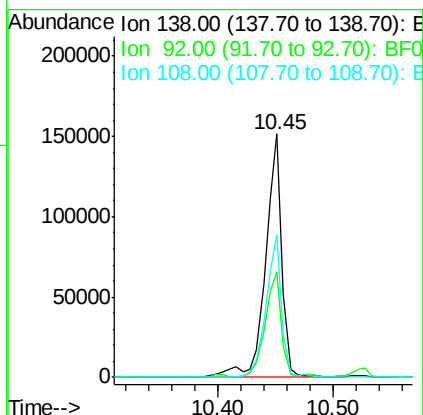
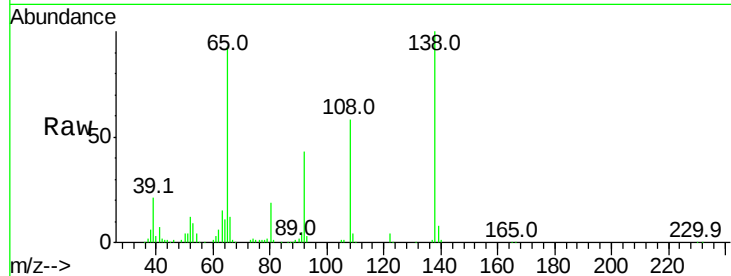
#61
4-Nitroaniline
Concen: 42.712 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	43.5	30.2	70.2
108	58.5	52.5	92.5

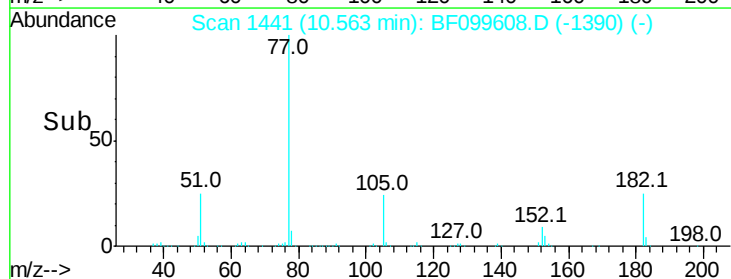
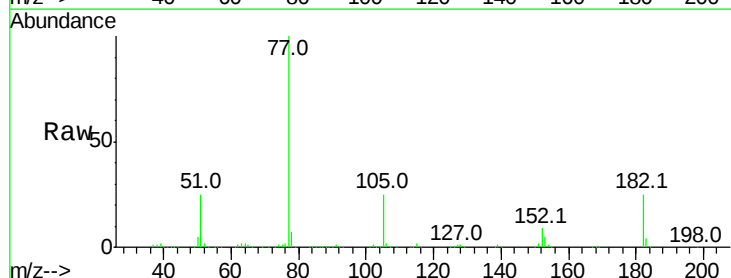
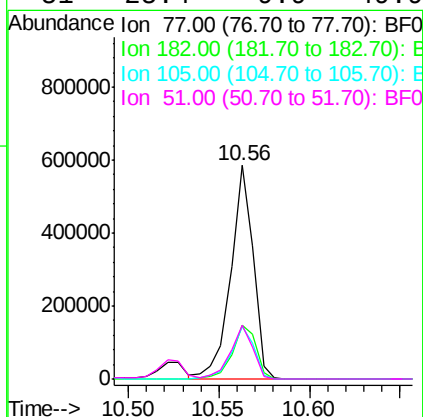
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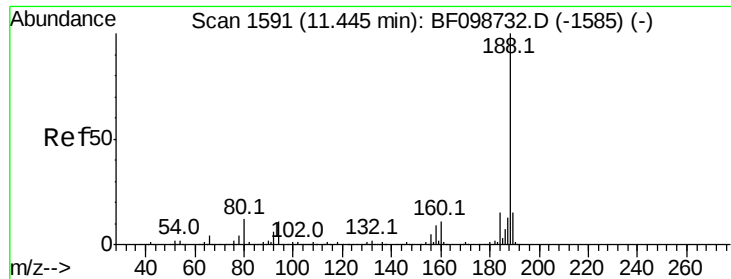
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#62
Azobenzene
Concen: 39.074 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.0	1.7	41.7
105	24.8	3.0	43.0
51	25.4	9.9	49.9





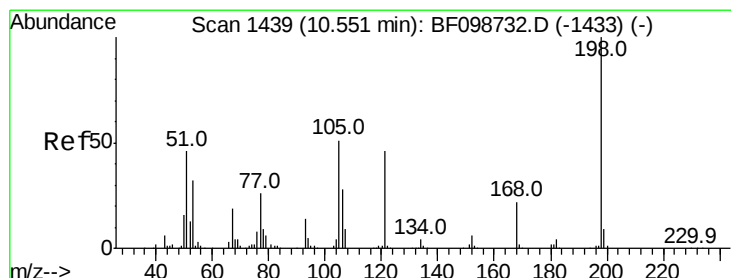
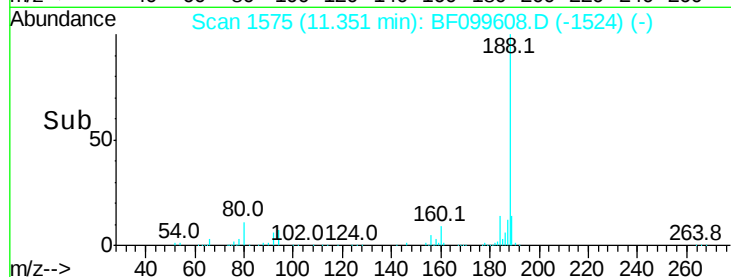
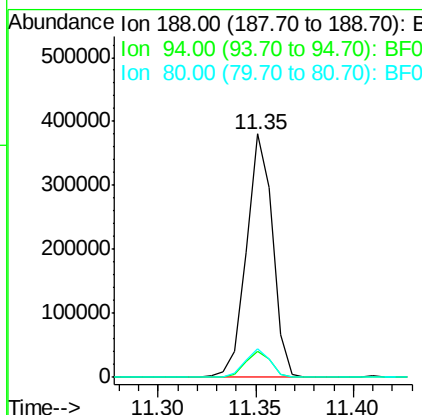
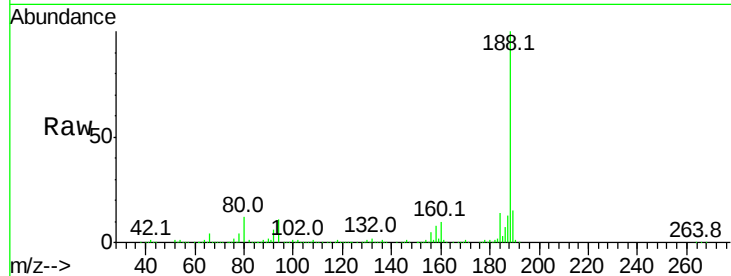
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.9	8.5	12.7	
80	11.6	9.2	13.8	

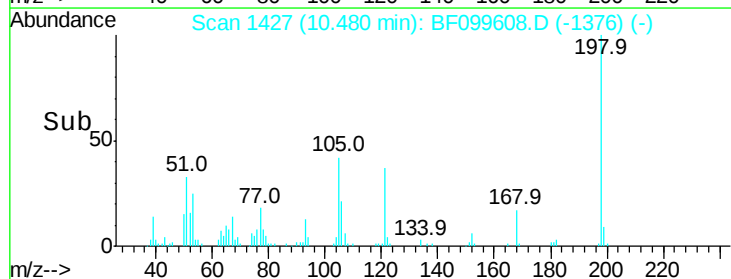
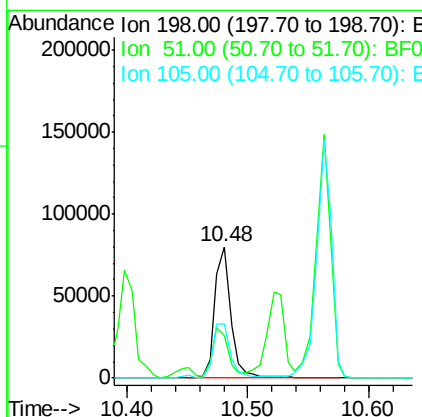
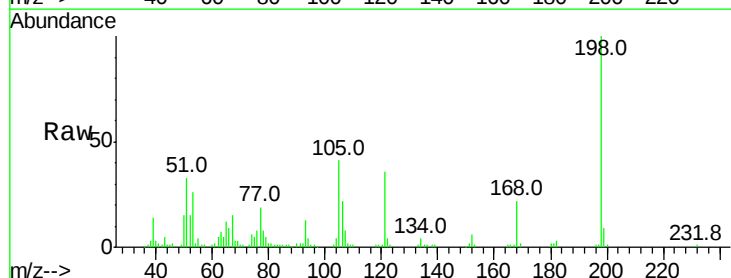
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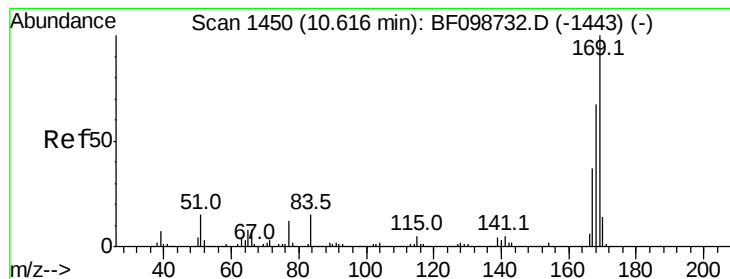
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.360 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	32.6	37.7	77.7#	
105	41.4	36.3	76.3	





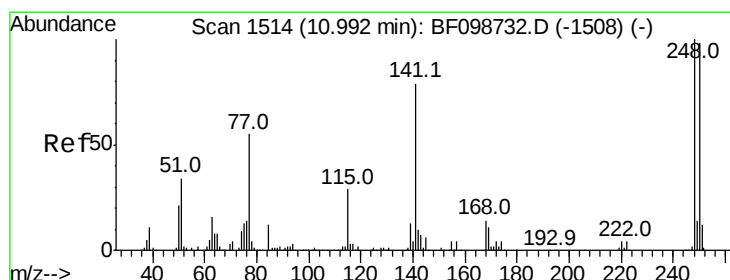
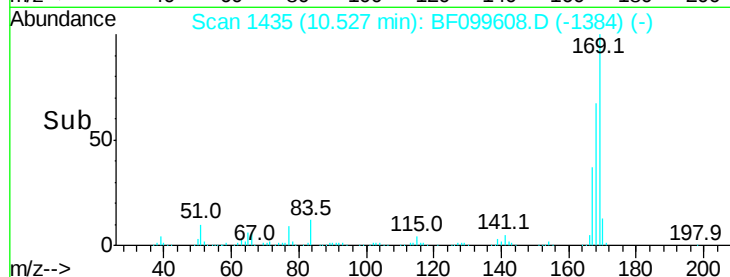
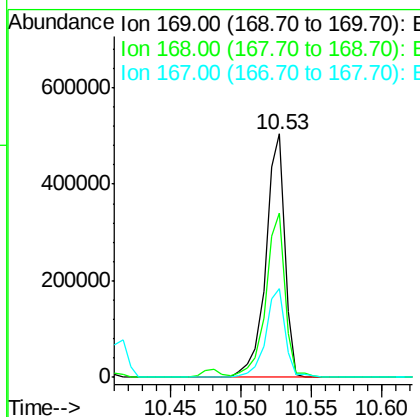
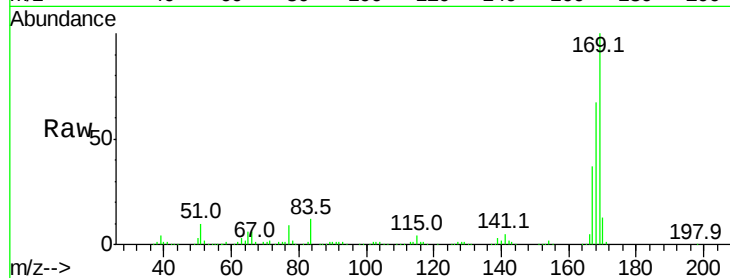
#65
n-Nitrosodiphenylamine
Concen: 39.484 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	482548		
168	67.3		54.4	81.6
167	36.7		29.8	44.6

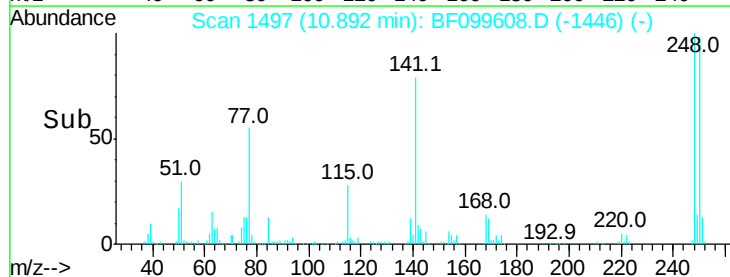
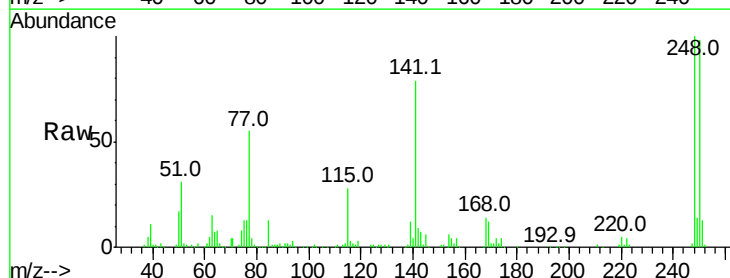
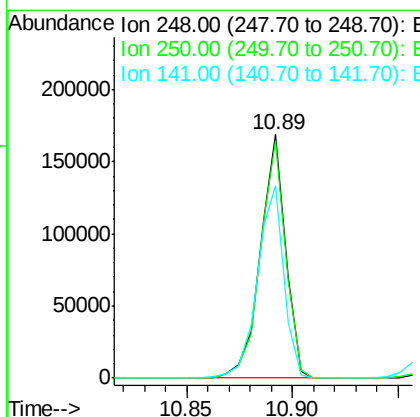
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#66
4-Bromophenyl-phenylether
Concen: 40.761 ng
RT: 10.89 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	140752		
250	97.6		76.9	115.3
141	79.0		74.4	111.6





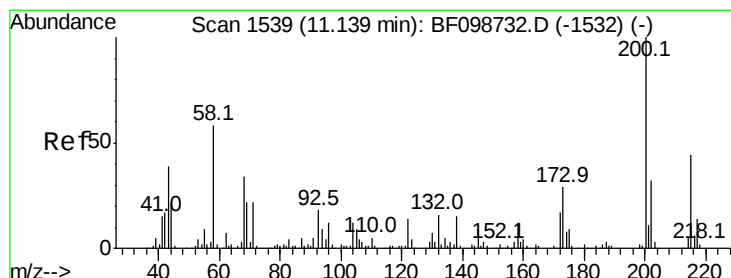
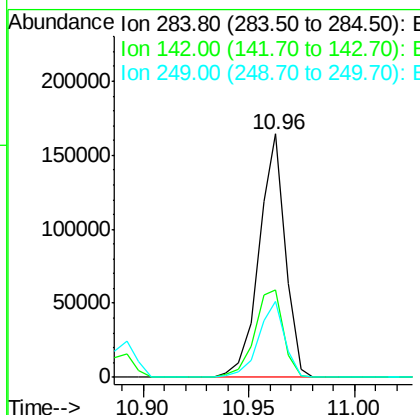
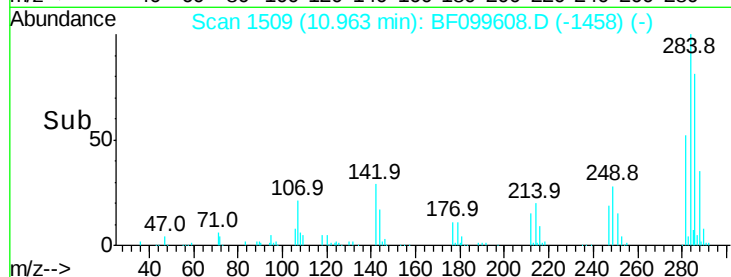
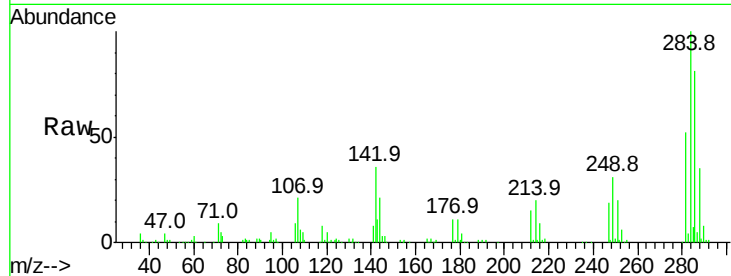
#67
Hexachlorobenzene
Concen: 38.558 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.8	34.6	52.0	
249	31.1	24.8	37.2	

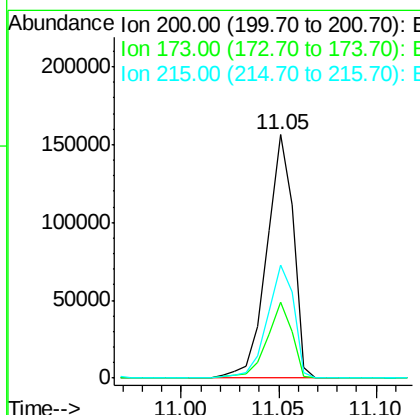
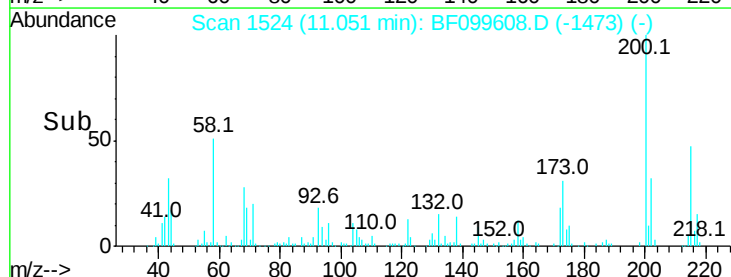
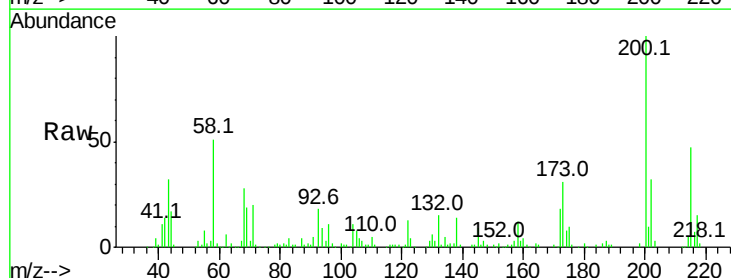
Manual Integrations
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#68
Atrazine
Concen: 39.986 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	31.2	8.6	48.6	
215	46.6	25.1	65.1	





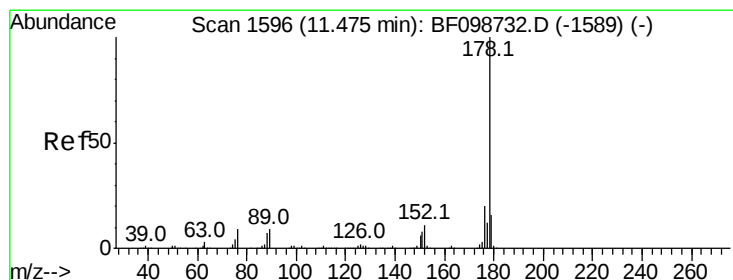
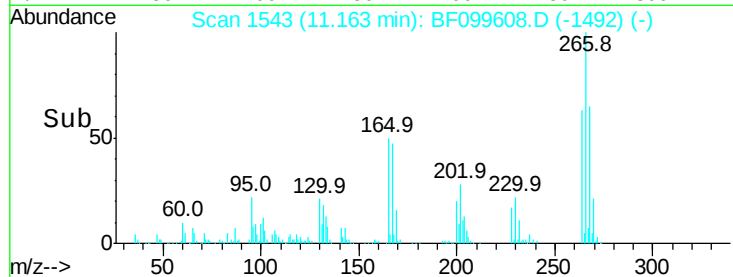
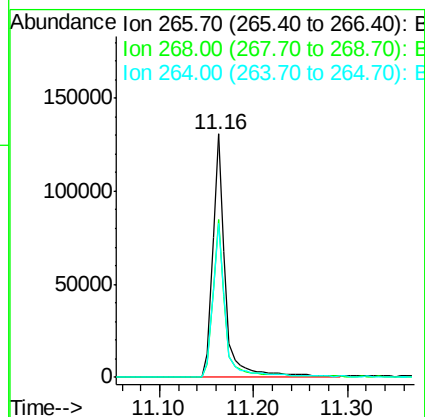
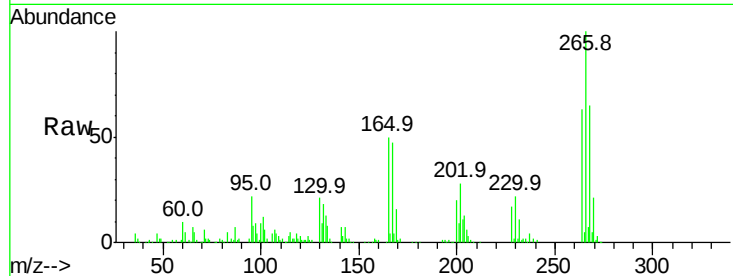
#69
 Pentachlorophenol
 Concen: 54.799 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	125781		
268	64.6	51.1	76.7	
264	63.4	49.5	74.3	

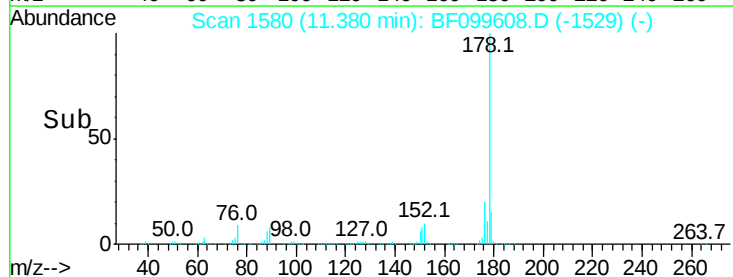
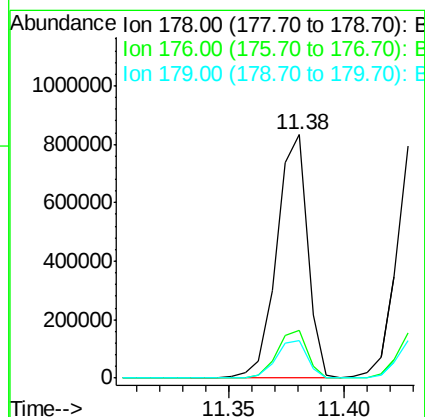
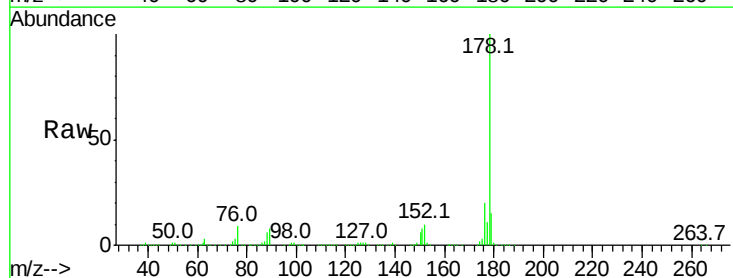
Manual Integrations
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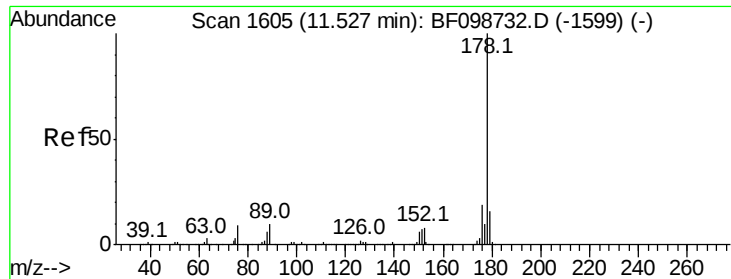
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#70
 Phenanthrene
 Concen: 40.793 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	770314		
176	19.5	15.8	23.8	
179	15.3	13.0	19.6	





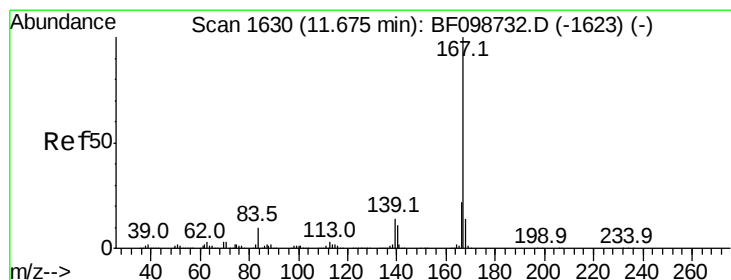
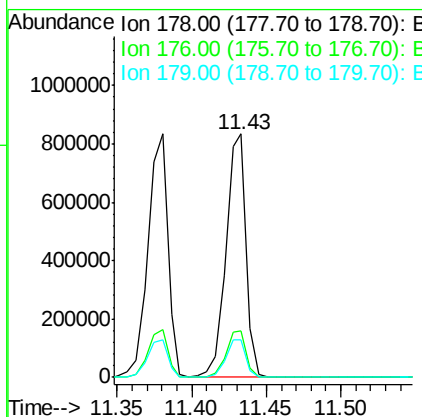
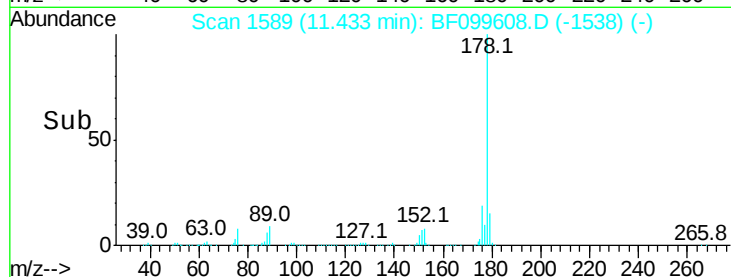
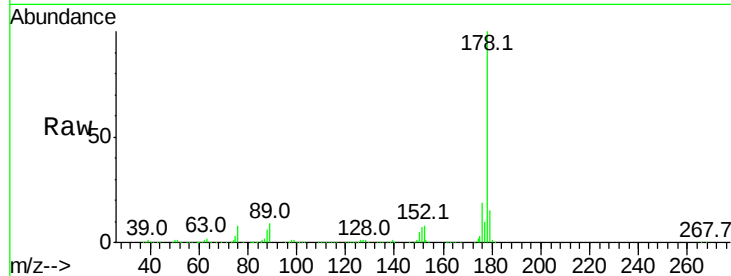
#71
 Anthracene
 Concen: 41.313 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.2
179	15.3	12.6	19.0

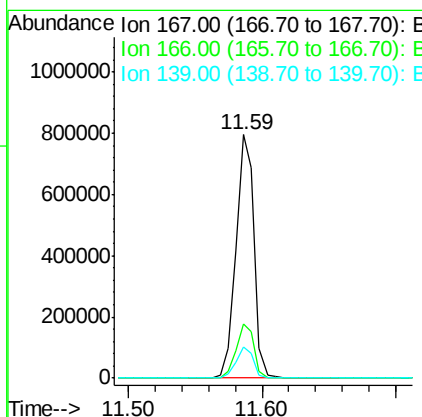
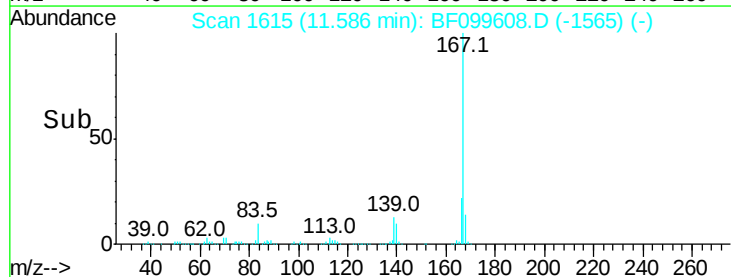
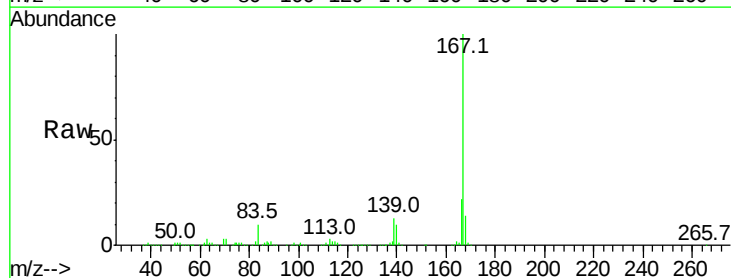
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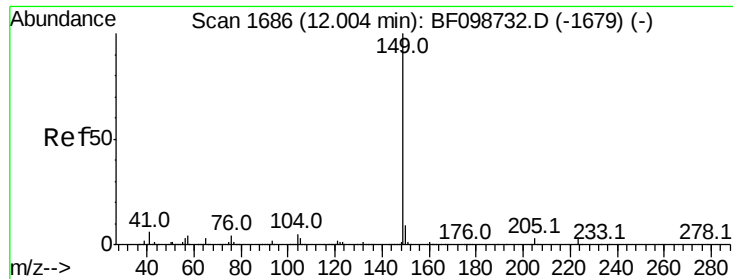
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#72
 Carbazole
 Concen: 39.663 ng
 RT: 11.59 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.885 ng

RT: 11.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

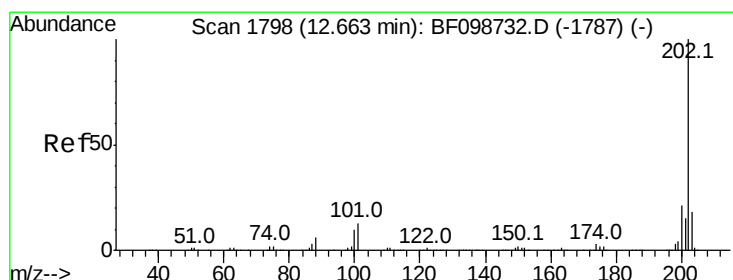
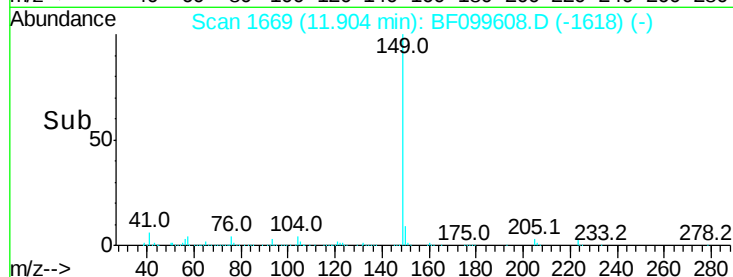
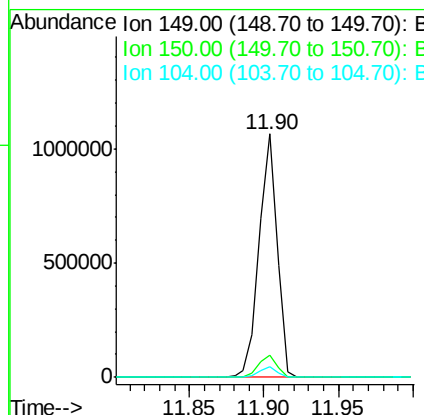
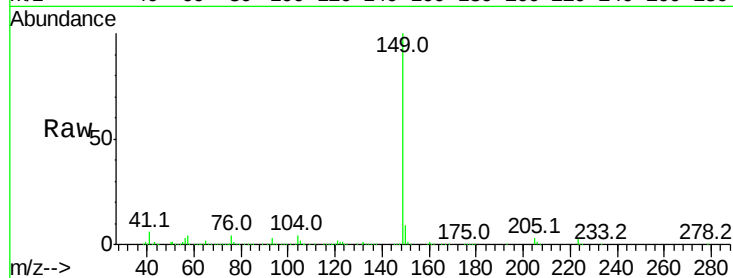
ClientSampleId :

PB103194BS

Tot Ion:	149	Resp:	885577
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.2	3.8	5.8

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#74

Fluoranthene

Concen: 42.308 ng

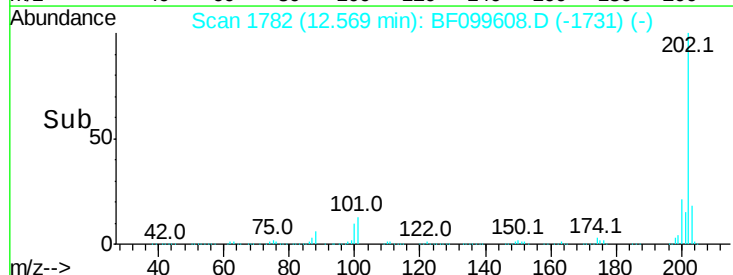
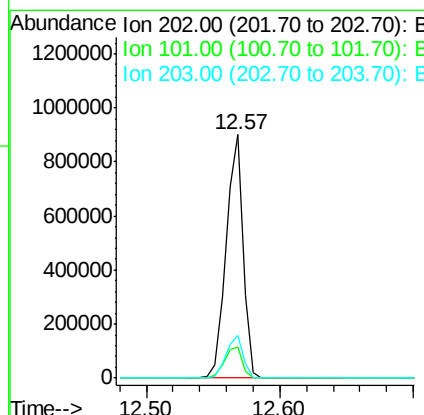
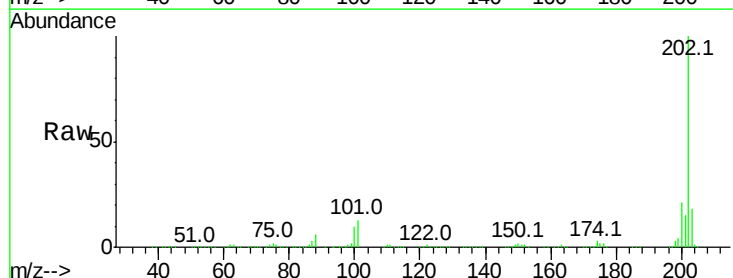
RT: 12.57 min Scan# 1782

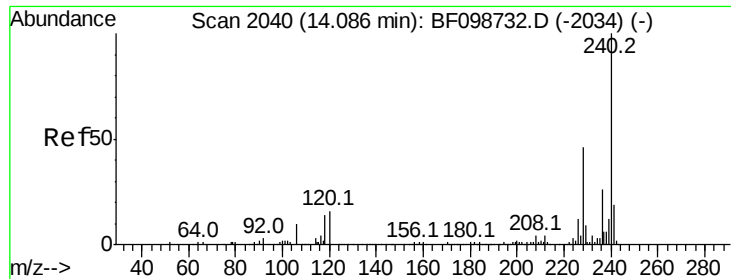
Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion:	202	Resp:	808996
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	34.1
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

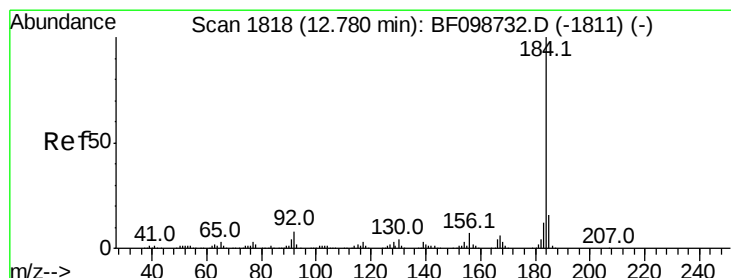
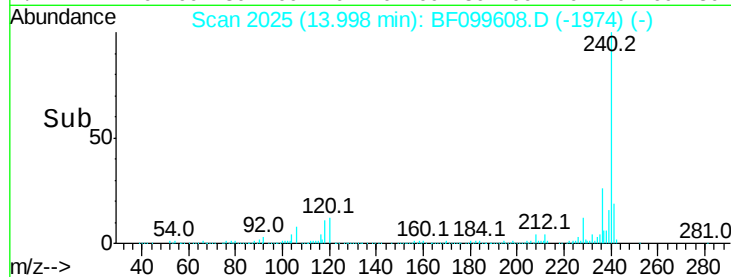
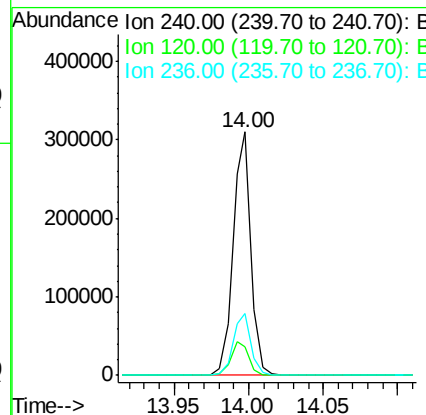
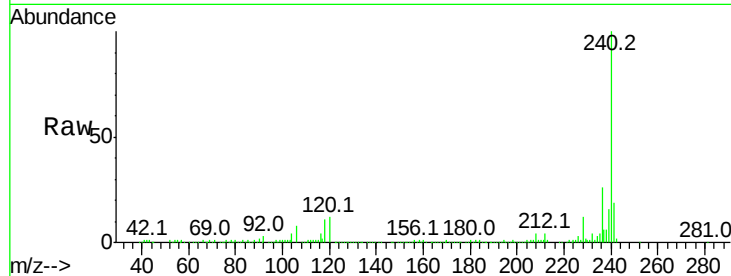
ClientSampleId :

PB103194BS

Tot Ion:	240	Resp:	262292
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.5	14.3
236	25.6	20.7	31.1

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#76

Benzidine

Concen: 27.511 ng

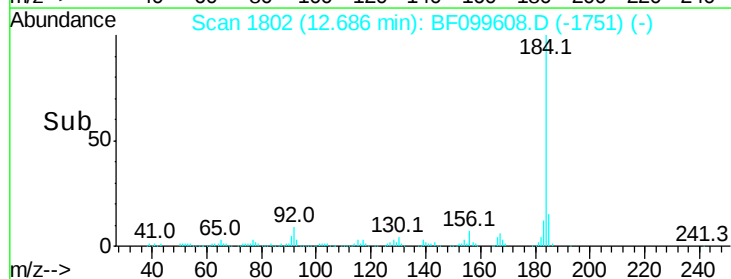
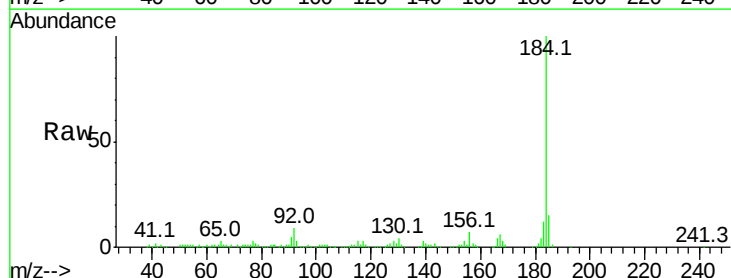
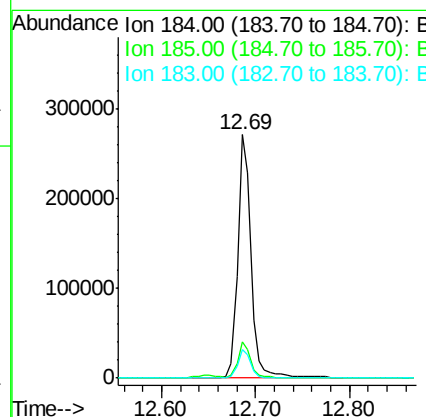
RT: 12.69 min Scan# 1802

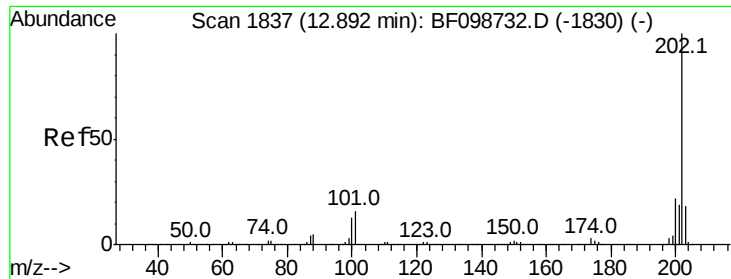
Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion:	184	Resp:	266895
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.6	18.8
183	11.6	9.3	13.9





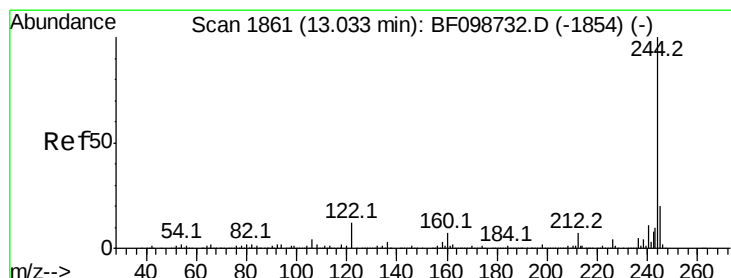
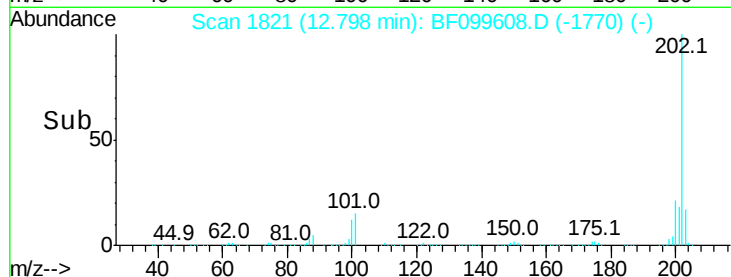
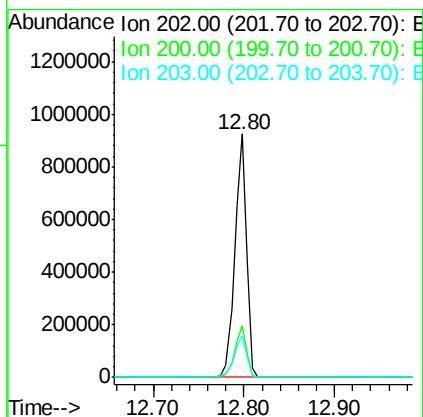
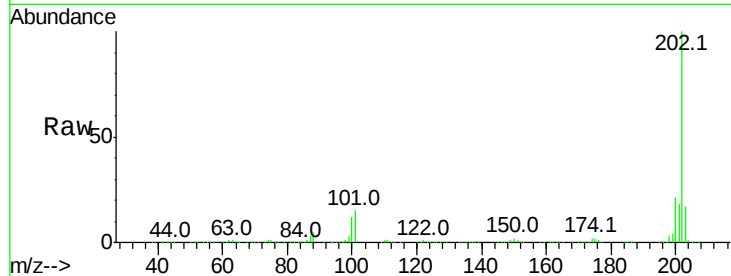
#77
Pvrene
Concen: 41.859 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.2	14.3	21.5

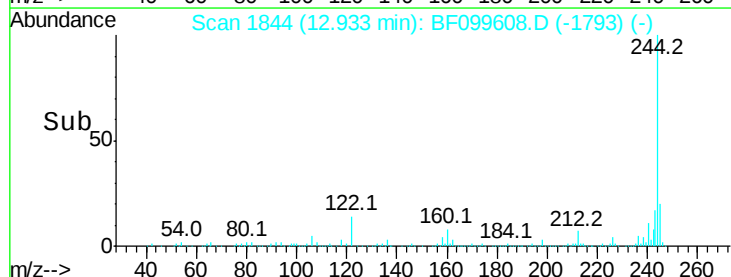
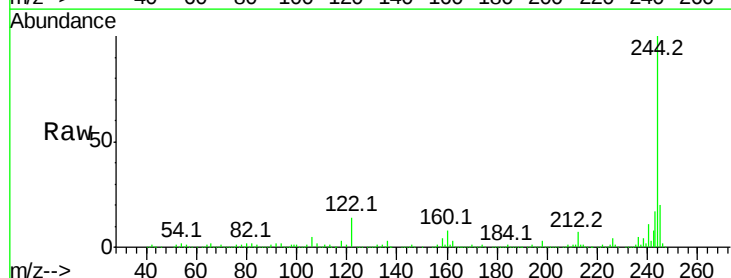
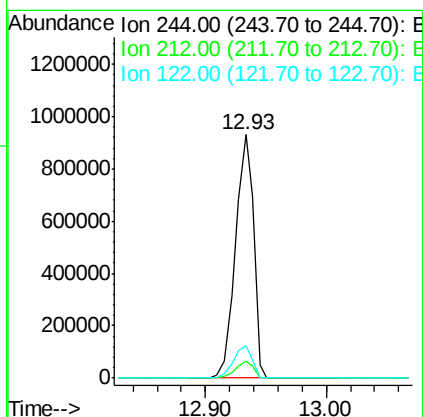
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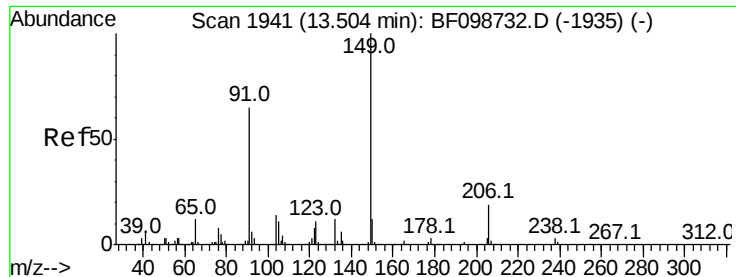
Sohil
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#78
Terphenyl-d14
Concen: 84.766 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.6	11.0	16.4





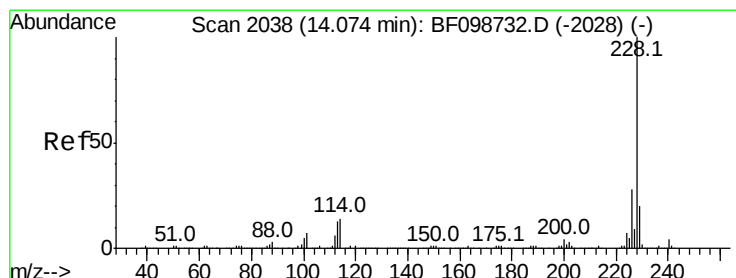
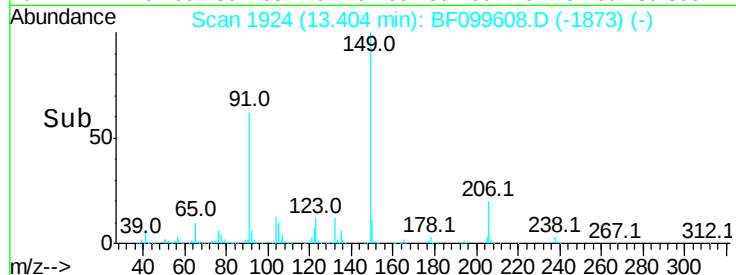
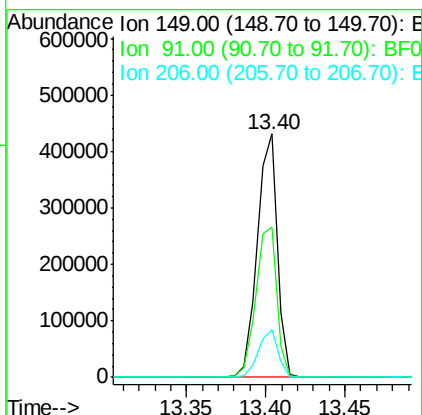
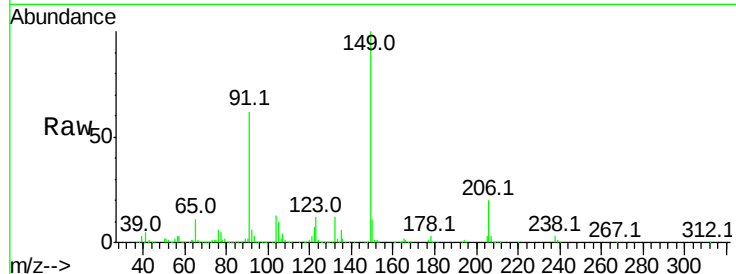
#79
Butylbenzylphthalate
Concen: 40.737 ng
RT: 13.40 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	382927		
91	61.8	56.8	85.2	
206	19.9	14.1	21.1	

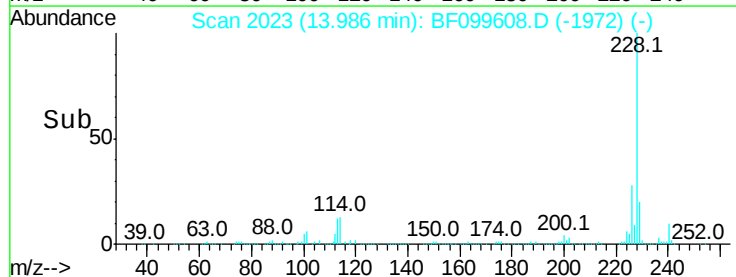
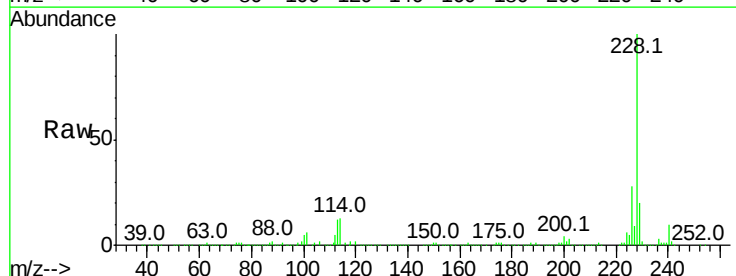
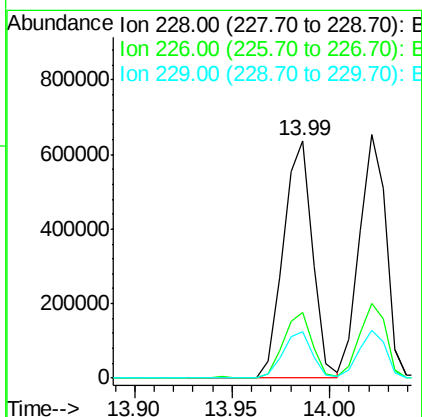
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#80
Benzo(a)anthracene
Concen: 41.363 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	656940		
226	27.9	22.6	33.8	
229	19.7	15.8	23.6	





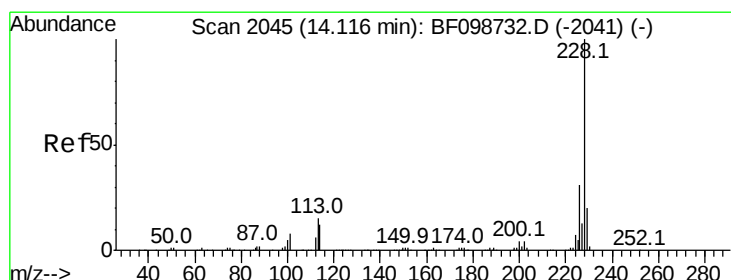
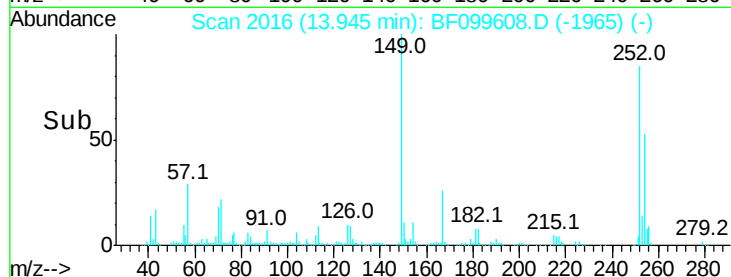
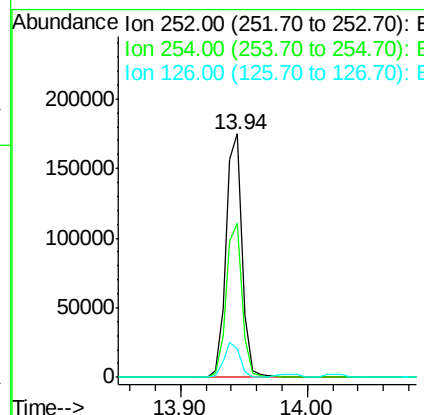
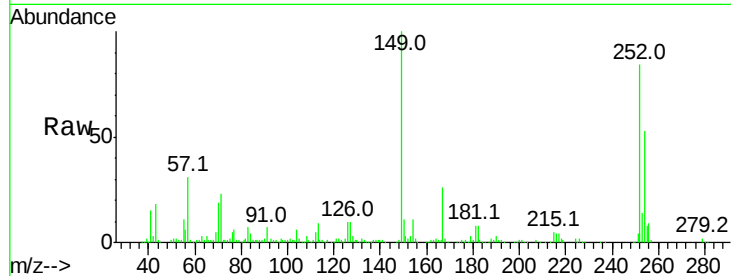
#81
 3,3'-Dichlorobenzidine
 Concen: 26.906 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.0	50.4	75.6
126	11.6	11.3	16.9

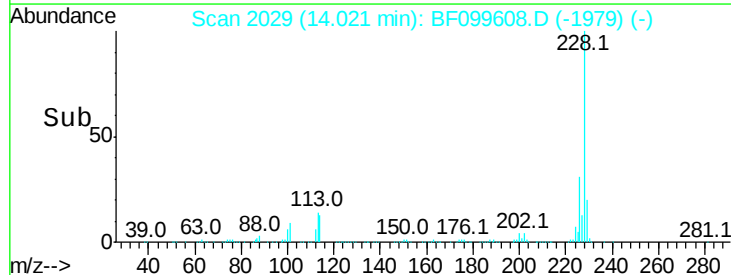
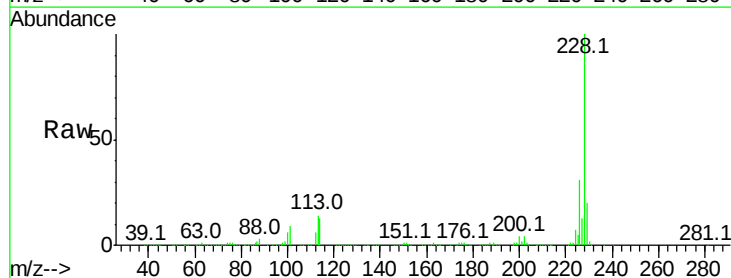
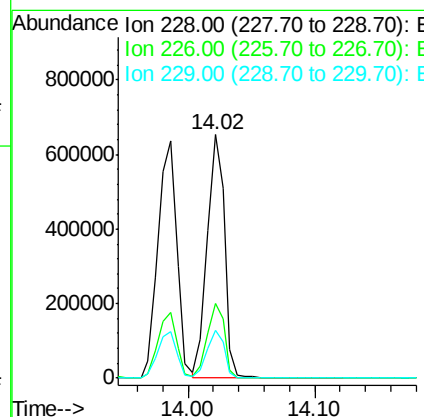
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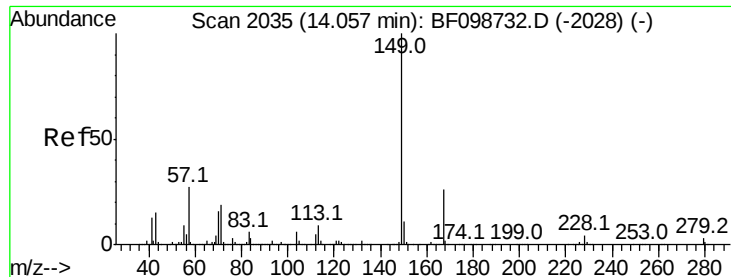
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#82
 Chrysene
 Concen: 41.176 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

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





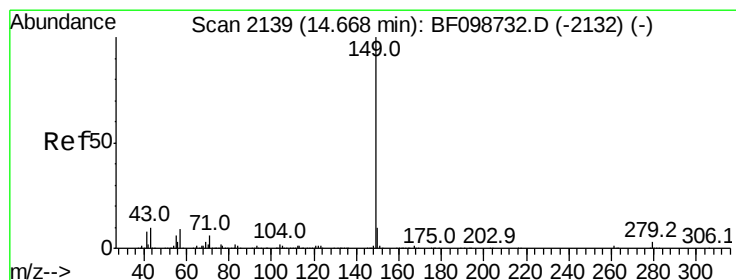
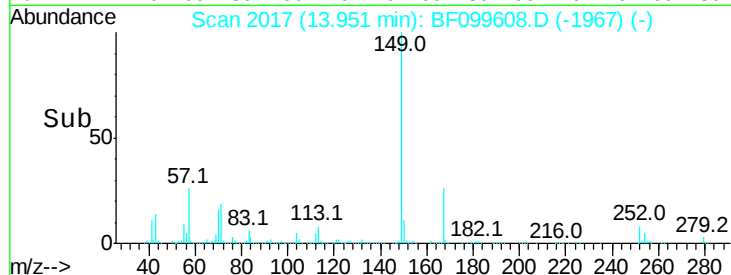
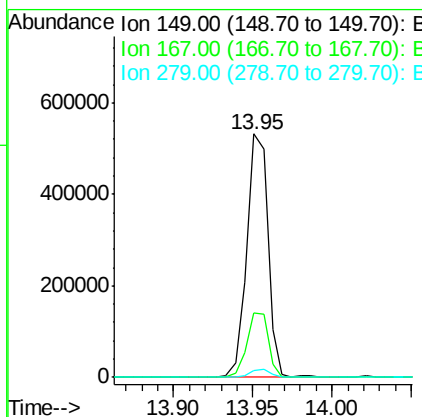
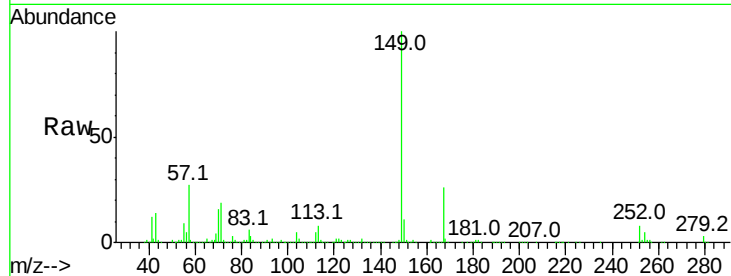
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.929 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	490921		
167	26.3	21.3	31.9	
279	2.7	3.0	4.4#	

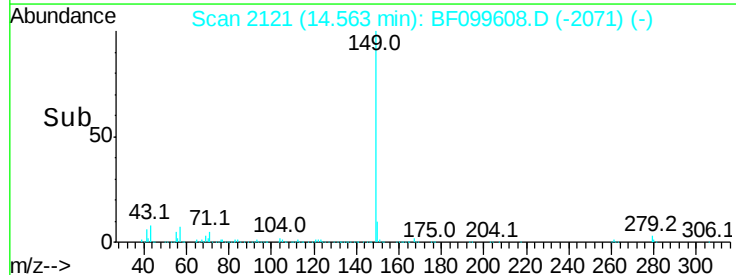
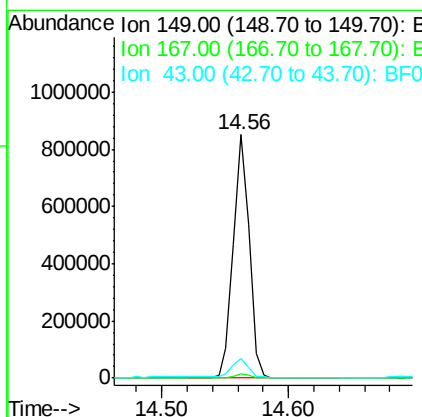
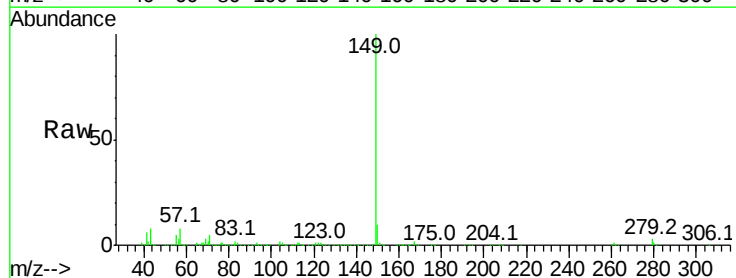
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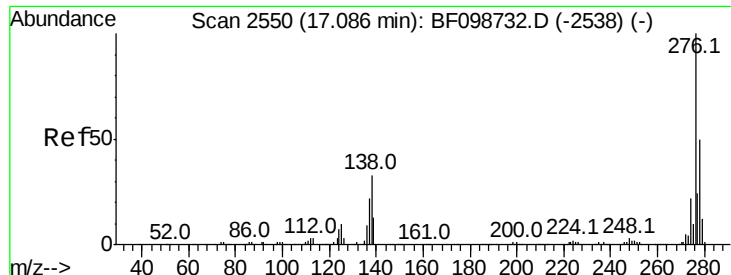
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 35.002 ng
 RT: 14.56 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	729488		
167	1.6	1.2	1.8	
43	7.8	8.4	12.6#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.750 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.01 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Instrument :

BNA_F

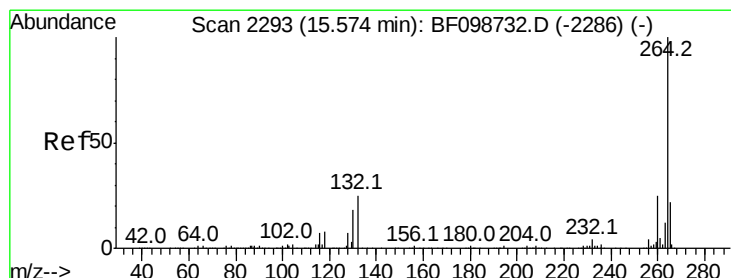
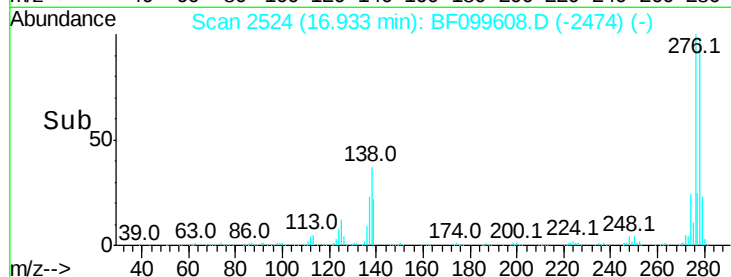
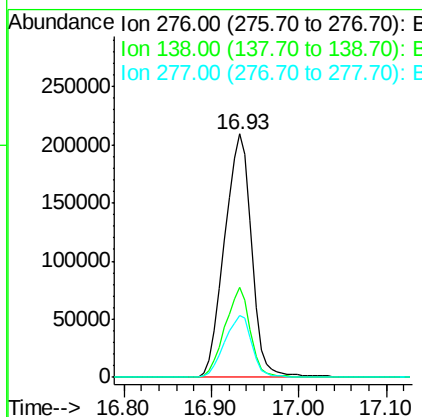
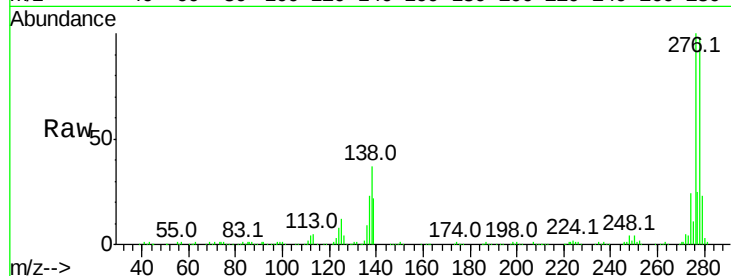
ClientSampled :

PB103194BS

Tot Ion:	276	Resp:	444523
Ion Ratio	Lower	Upper	
276	100		
138	35.1	25.0	37.6
277	25.6	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

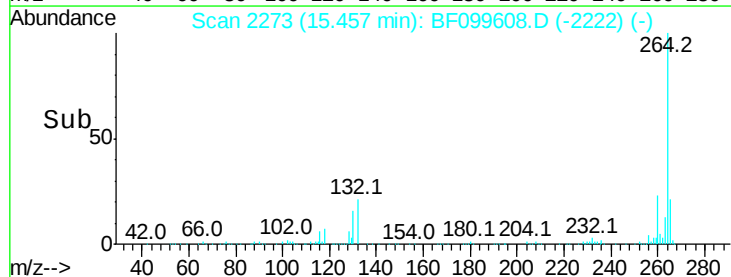
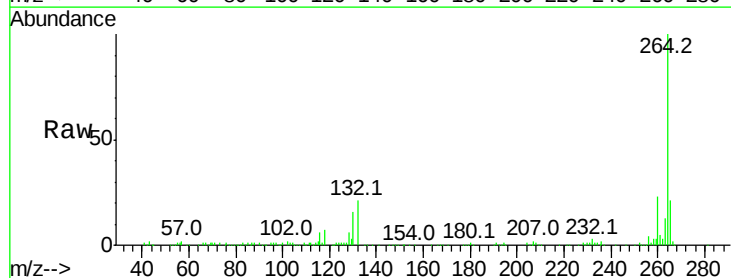
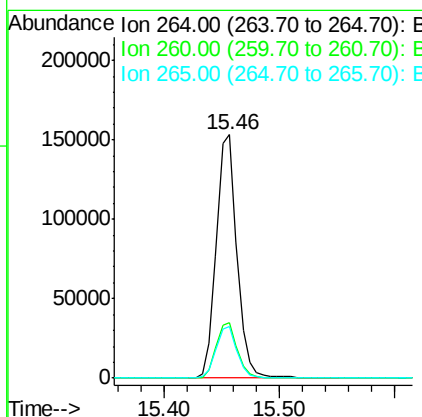
RT: 15.46 min Scan# 2273

Delta R.T. 0.00 min

Lab File: BF099608.D

Acq: 18 Oct 2017 10:54

Tgt Ion:	264	Resp:	190288
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.2	28.8
265	21.2	17.5	26.3





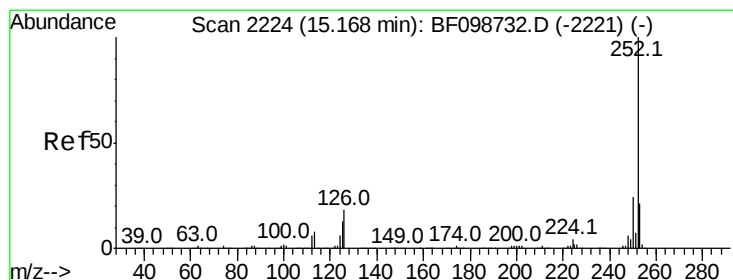
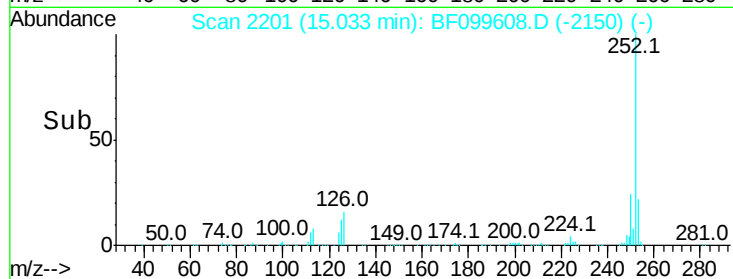
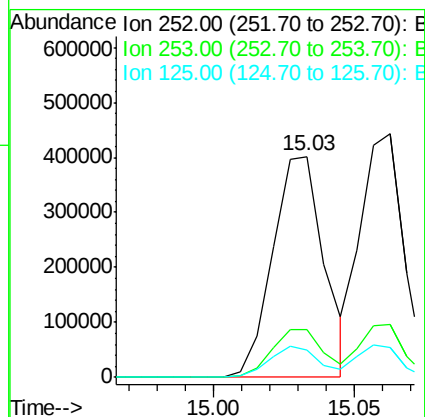
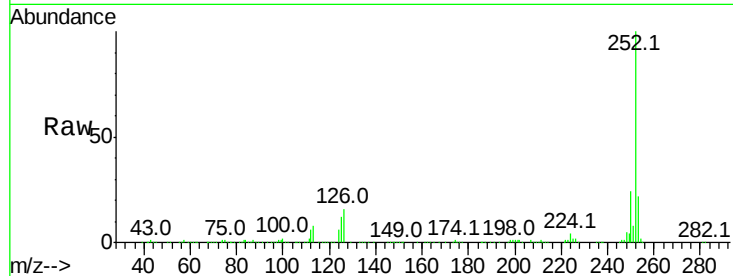
#87
Benzo(b)fluoranthene
Concen: 43.402 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	12.4	9.0	13.6

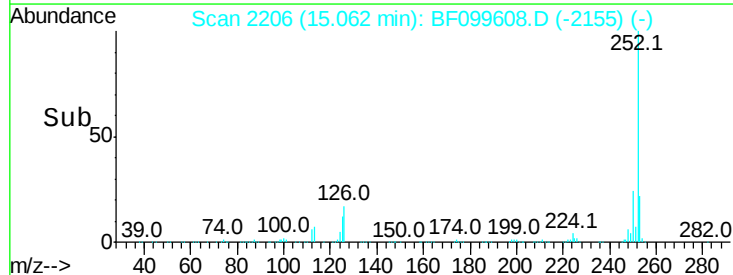
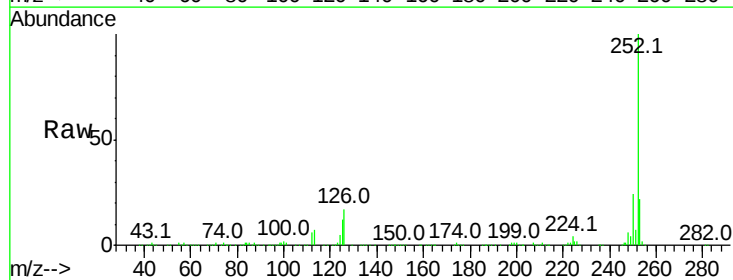
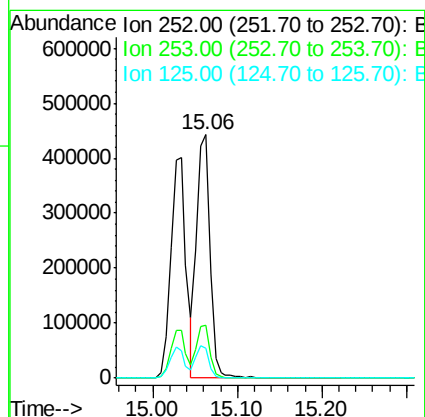
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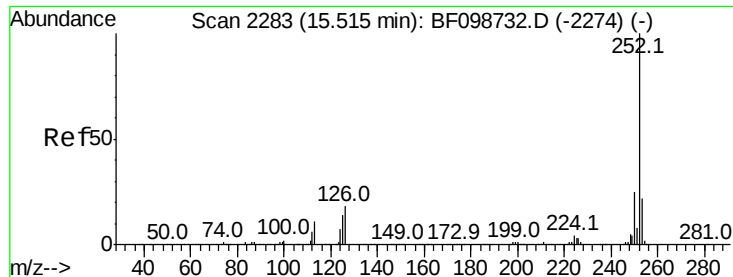
Sohil
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#88
Benzo(k)fluoranthene
Concen: 41.533 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	12.2	10.2	15.2





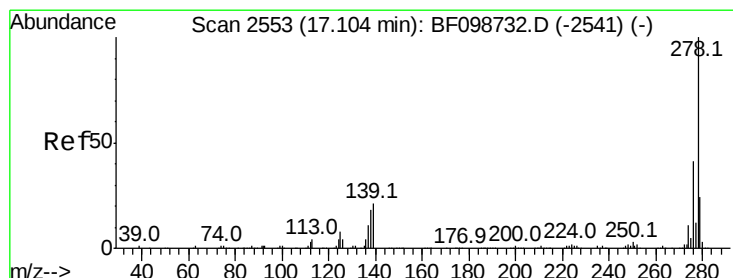
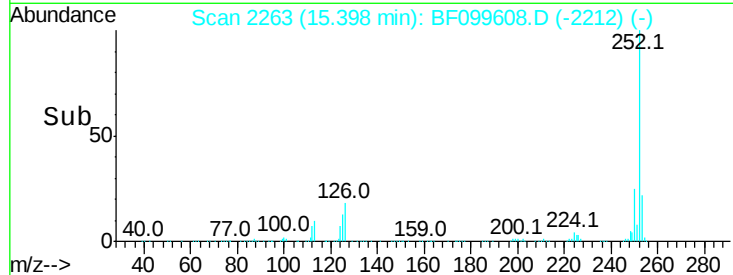
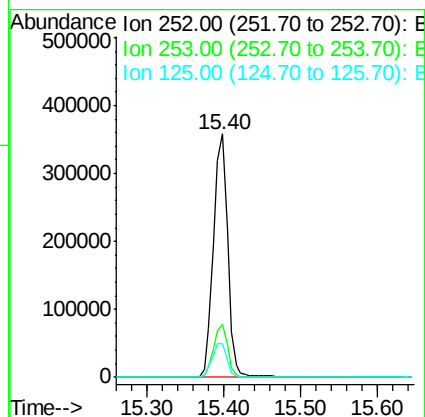
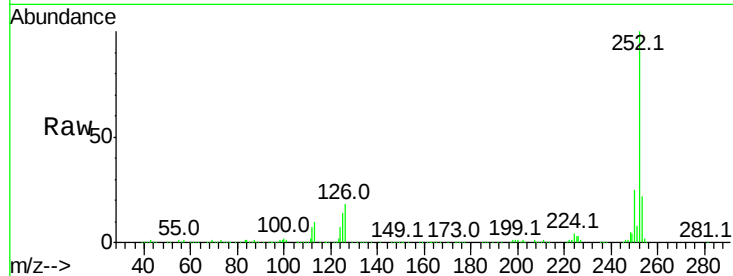
#89
Benzo(a)pyrene
Concen: 42.423 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Instrument :
BNA_F
ClientSampleId :
PB103194BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	13.6	9.8	14.6

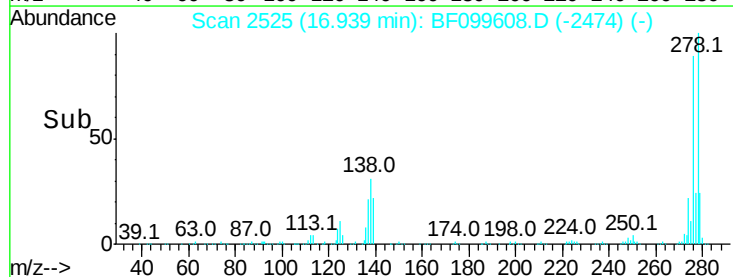
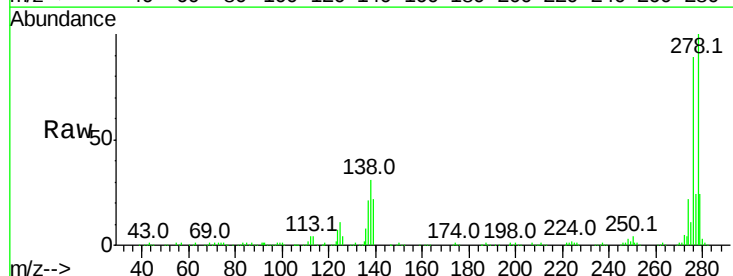
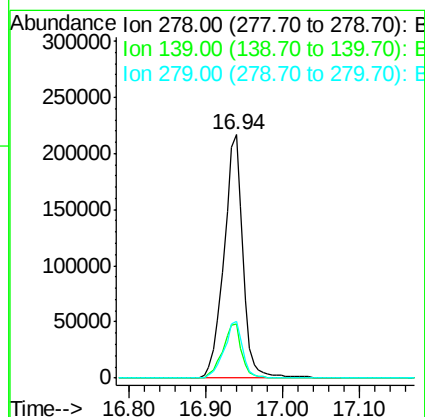
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#90
Dibenzo(a,h)anthracene
Concen: 43.181 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.00 min
Lab File: BF099608.D
Acq: 18 Oct 2017 10:54

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.3	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 46.239 ng
 RT: 17.37 min Scan# 2599
 Delta R.T. 0.00 min
 Lab File: BF099608.D
 Acq: 18 Oct 2017 10:54

Instrument :
 BNA_F
 ClientSampleId :
 PB103194BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.0	17.9	26.9
138	30.1	21.8	32.8

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