

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099709.D
 Acq On : 20 Oct 2017 19:06
 Operator : SJ/JU
 Sample : PB103469BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB103469BS

Manual Integrations
 APPROVED

Sohil
 10/23/2017 3:26:28 PM

Quant Time: Oct 22 00:28:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	82656	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	327507	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	134722	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	192228	20.00	ng	0.00
75) Chrysene-d12	13.98	240	148452	20.00	ng	0.00
86) Perylene-d12	15.44	264	149786	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	567571	109.31	ng	0.00
7) Phenol-d6	6.46	99	662486	103.43	ng	0.00
23) Nitrobenzene-d5	7.38	82	386021	75.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	111517	101.16	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	752042	93.19	ng	0.00
78) Terphenyl-d14	12.92	244	459163	70.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	63413	25.567	ng	91
3) Pyridine	3.40	79	161039	24.001	ng	# 85
4) n-Nitrosodimethylamine	3.34	42	66572	23.398	ng	# 75
6) Aniline	6.48	93	164273	19.002	ng	91
8) 2-Chlorophenol	6.60	128	190317	32.367	ng	92
9) Benzaldehyde	6.37	77	44860	12.074	ng	90
10) Phenol	6.47	94	228738	31.931	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	172700	31.011	ng	94
12) 1,3-Dichlorobenzene	6.75	146	201419	32.708	ng	97
13) 1,4-Dichlorobenzene	6.83	146	206142	32.902	ng	97
14) 1,2-Dichlorobenzene	6.98	146	190622	32.927	ng	98
15) Benzyl Alcohol	6.96	79	137674	29.299	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	225467	25.986	ng	81
17) 2-Methylphenol	7.07	107	154556	32.124	ng	97
18) Hexachloroethane	7.32	117	65598	29.128	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	115174	28.163	ng	91
20) 3+4-Methylphenols	7.23	107	190549	31.307	ng	# 68
22) Acetophenone	7.23	105	247974	31.251	ng	# 98
24) Nitrobenzene	7.40	77	179284	30.948	ng	98
25) Isophorone	7.63	82	329856	31.241	ng	98
26) 2-Nitrophenol	7.72	139	98910	35.505	ng	# 87
27) 2,4-Dimethylphenol	7.75	122	164732	31.312	ng	96
28) bis(2-Chloroethoxy)methane	7.85	93	217096	32.994	ng	99
29) 2,4-Dichlorophenol	7.96	162	154640	34.235	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	159739	35.359	ng	97
31) Naphthalene	8.12	128	523415	34.028	ng	99
32) Benzoic acid	7.88	122	85922	19.882	ng	95
33) 4-Chloroaniline	8.17	127	87160	13.569	ng	# 92
34) Hexachlorobutadiene	8.23	225	78981	33.942	ng	100
35) Caprolactam	8.54	113	48275	33.318	ng	# 80
36) 4-Chloro-3-methylphenol	8.66	107	154831	30.496	ng	98
37) 2-Methylnaphthalene	8.81	142	354136	35.416	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	143522	35.722	ng	# 98
40) Hexachlorocyclopentadiene	8.95	237	12885	7.018	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	95743	33.637	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	99920	35.166	nq	# 93
45) 1,1'-Biphenyl	9.27	154	411383	35.530	nq	98
46) 2-Chloronaphthalene	9.30	162	310345	35.699	nq	97
47) 2-Nitroaniline	9.40	65	82987	31.176	nq	# 82
48) Acenaphthylene	9.71	152	454090	34.121	nq	100
49) Dimethylphthalate	9.57	163	369847	36.373	nq	99
50) 2,6-Dinitrotoluene	9.64	165	79513	35.919	nq	88
51) Acenaphthene	9.88	154	266630	31.628	nq	99
52) 3-Nitroaniline	9.82	138	61197	23.709	nq	# 81
53) 2,4-Dinitrophenol	9.93	184	12711	16.054	nq	90
54) Dibenzofuran	10.06	168	391954	34.920	nq	97
55) 4-Nitrophenol	9.99	139	95041	43.546	nq	83
56) 2,4-Dinitrotoluene	10.05	165	92653	32.250	nq	# 93
57) Fluorene	10.40	166	302411	33.521	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	64380	32.800	nq	96
59) Diethylphthalate	10.27	149	339435	34.163	nq	97
60) 4-Chlorophenyl-phenylether	10.39	204	142366	35.130	nq	95
61) 4-Nitroaniline	10.43	138	65109	26.146	nq	85
62) Azobenzene	10.55	77	275734	30.182	nq	94
64) 4,6-Dinitro-2-methylphenol	10.46	198	13957	11.933	nq	87
65) n-Nitrosodiphenylamine	10.51	169	272950	40.987	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	75963	40.372	nq	96
67) Hexachlorobenzene	10.94	284	71857	35.756	nq	97
68) Atrazine	11.03	200	79366	39.612	nq	99
69) Pentachlorophenol	11.14	266	54465	43.547	nq	95
70) Phenanthrene	11.36	178	371940	36.148	nq	98
71) Anthracene	11.42	178	380231	36.116	nq	98
72) Carbazole	11.57	167	343285	33.297	nq	98
73) Di-n-butylphthalate	11.89	149	445601	35.908	nq	98
74) Fluoranthene	12.55	202	340699	32.699	nq	98
76) Benzidine	12.67	184	238873	43.505	nq	98
77) Pyrene	12.78	202	351121	31.018	nq	98
79) Butylbenzylphthalate	13.39	149	163034	30.645	nq	90
80) Benzo(a)anthracene	13.97	228	312997	34.819	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	107196	32.530	nq	100
82) Chrysene	14.00	228	303544	35.469	nq	98
83) Bis(2-ethylhexyl)phthalate	13.94	149	225016	30.717	nq	98
84) Di-n-octyl phthalate	14.55	149	408564	34.637	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.91	276	275883	40.299	nq	97
87) Benzo(b)fluoranthene	15.02	252	309227m	33.577	nq	
88) Benzo(k)fluoranthene	15.04	252	315325	34.666	nq	98
89) Benzo(a)pyrene	15.38	252	299278	35.402	nq	97
90) Dibenzo(a,h)anthracene	16.91	278	233673	34.540	nq	98
91) Benzo(g,h,i)perylene	17.35	276	222196	33.226	nq	96

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

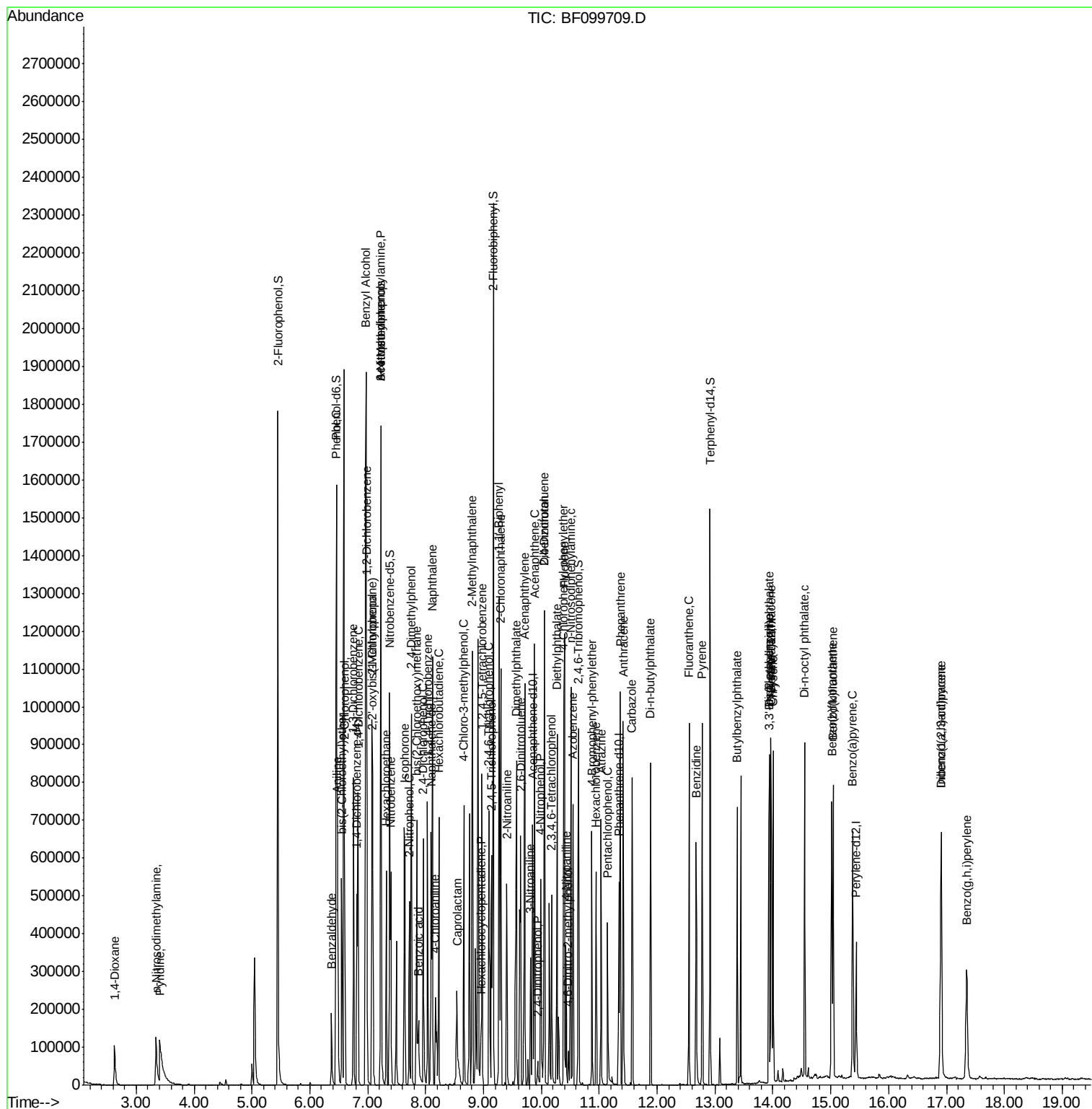
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ALS Vial  : 18      Sample Multiplier: 1
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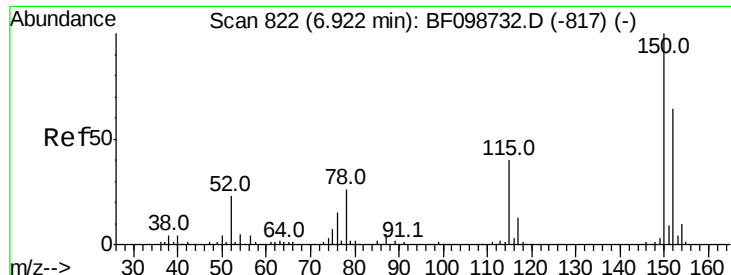
Instrument :
BNA_F
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

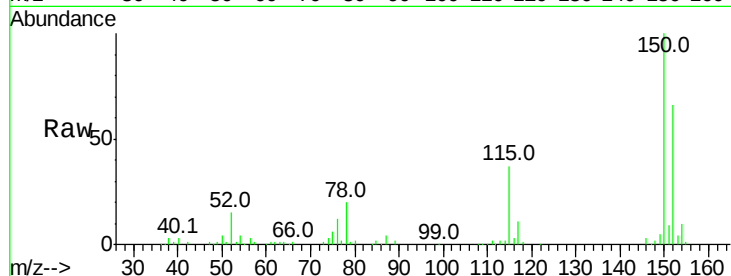
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

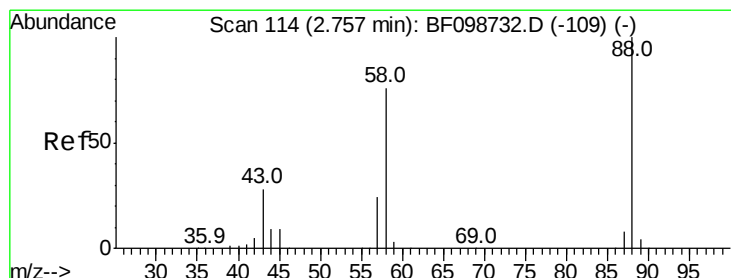
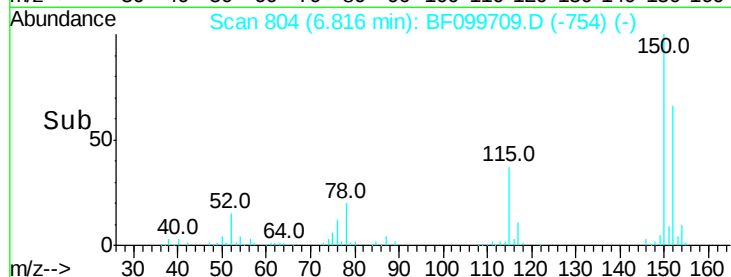
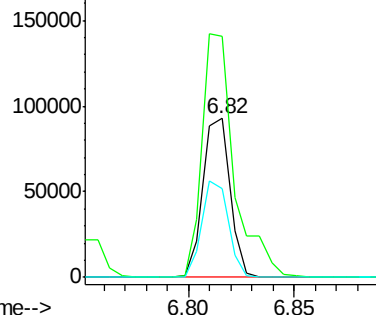
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.6	186.8
115	55.7	50.1	75.1

Manual Integrations
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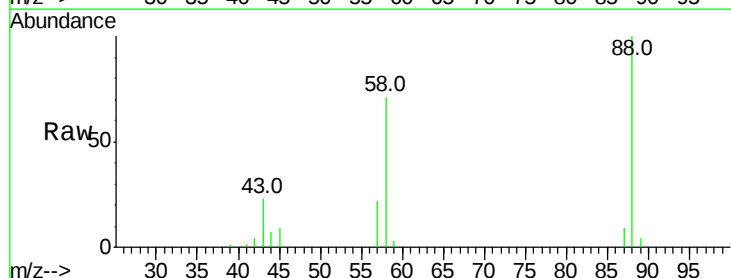
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



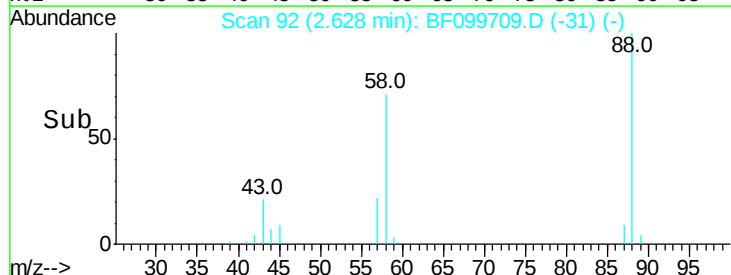
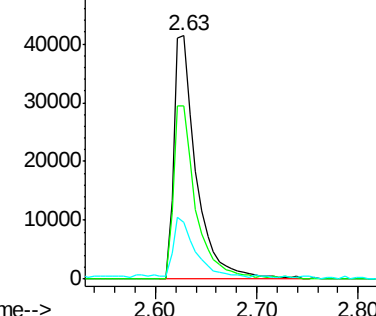
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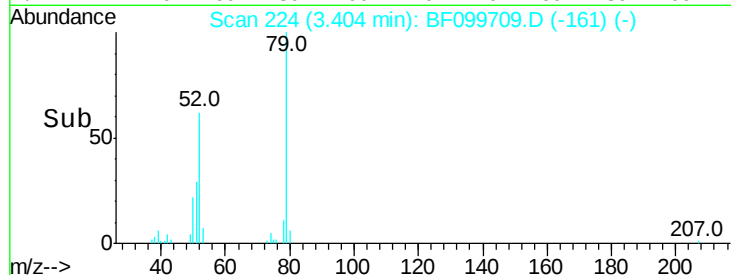
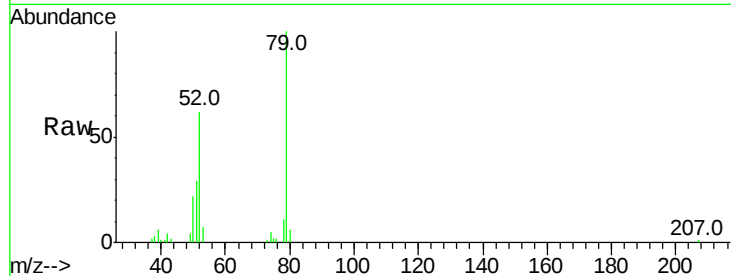
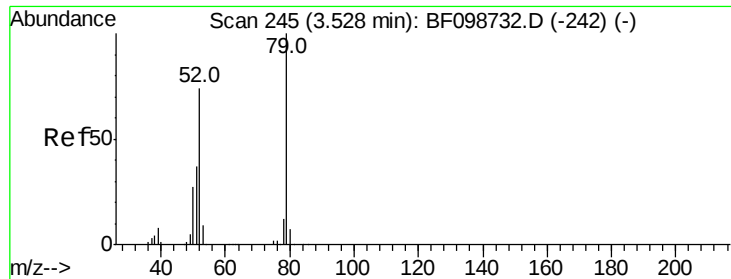
1,4-Dioxane
Concen: 25.567 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.06 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	62.6	93.8
43	24.7	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 24.001 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.07 min

Lab File: BF099709.D

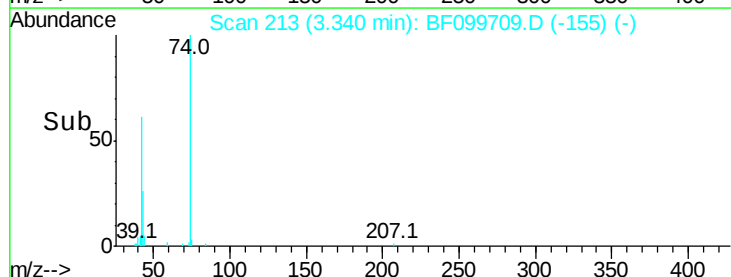
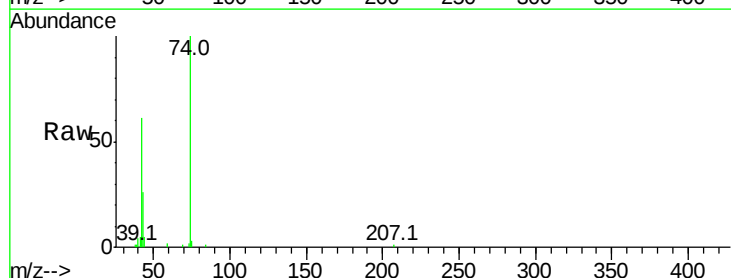
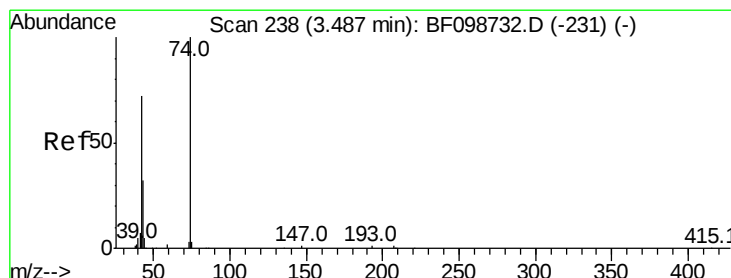
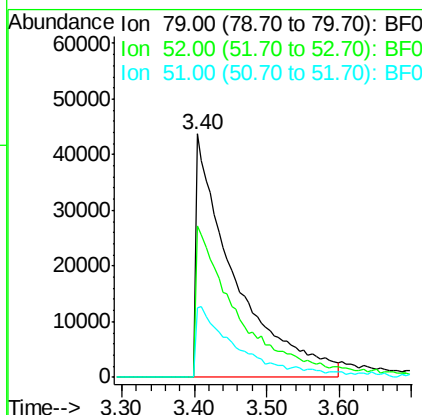
Acq: 20 Oct 2017 19:06

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.2	59.8	89.6
51	28.8	29.8	44.8#

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#4

n-Nitrosodimethylamine

Concen: 23.398 ng

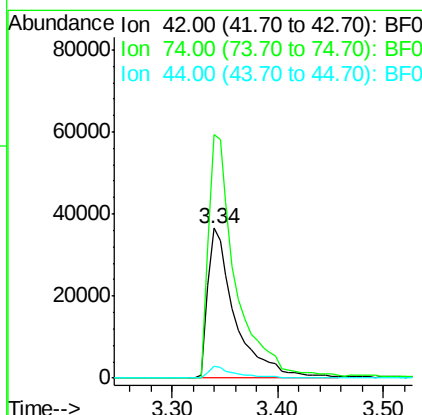
RT: 3.34 min Scan# 213

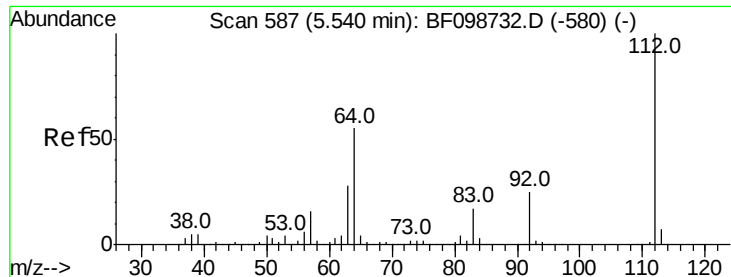
Delta R.T. 0.04 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
42	100		
74	162.7	104.9	157.3#
44	7.7	6.9	10.3





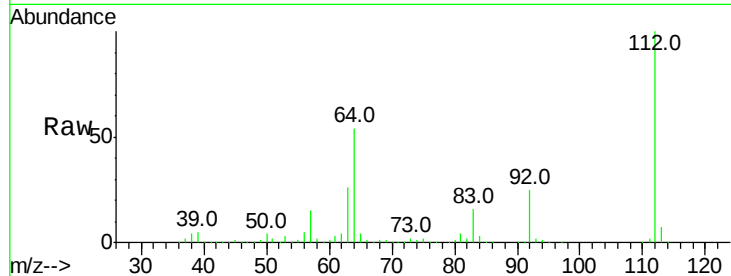
#5
2-Fluorophenol
Concen: 109.310 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	53.8	47.9	71.9
63	26.2	23.7	35.5

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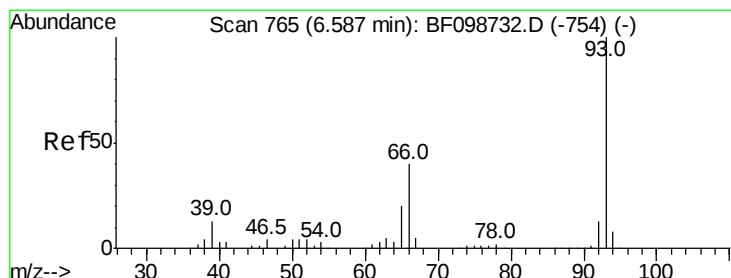
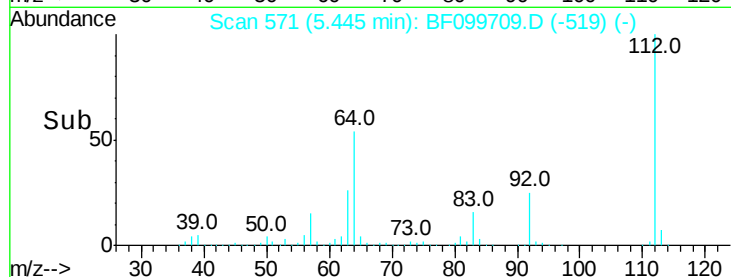
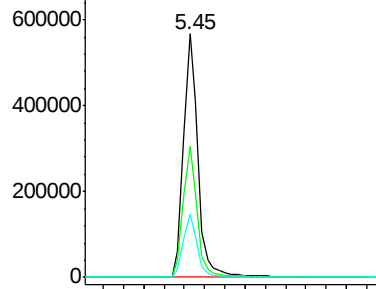
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Abundance Ion 112.00 (111.70 to 112.70): E

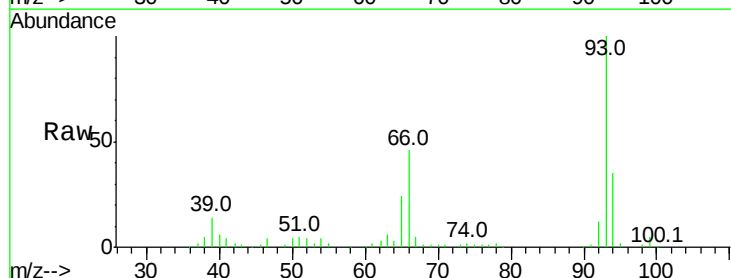
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6
Aniline
Concen: 19.002 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

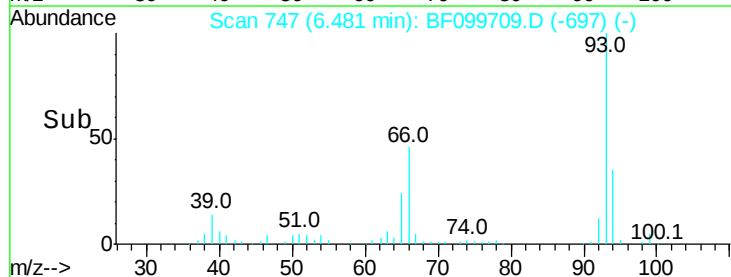
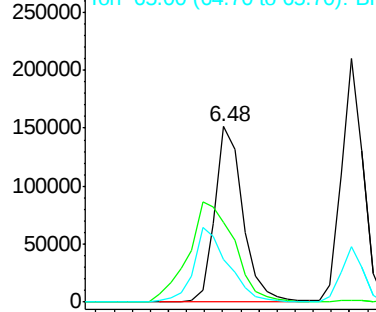
Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	45.8	32.2	48.2
65	24.2	16.4	24.6

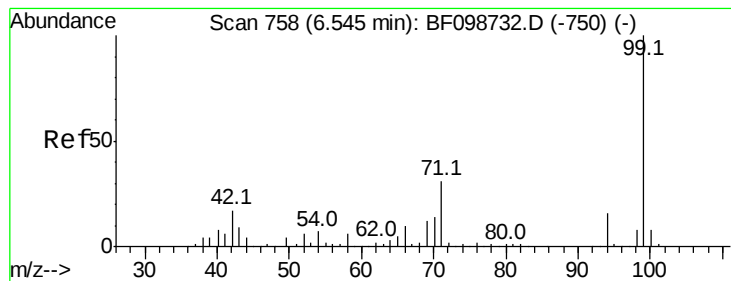


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 103.428 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Instrument :

BNA_F

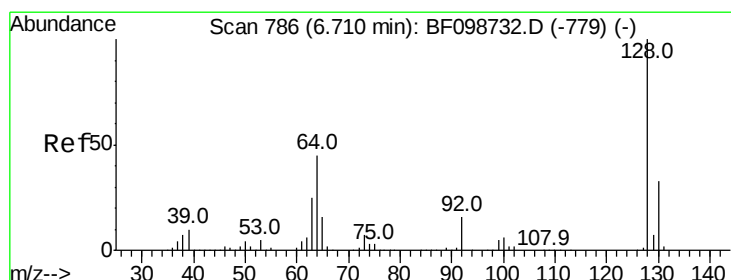
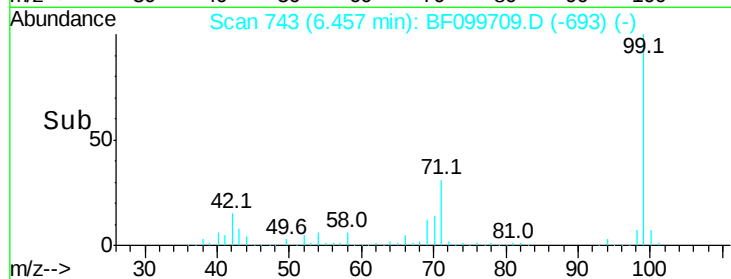
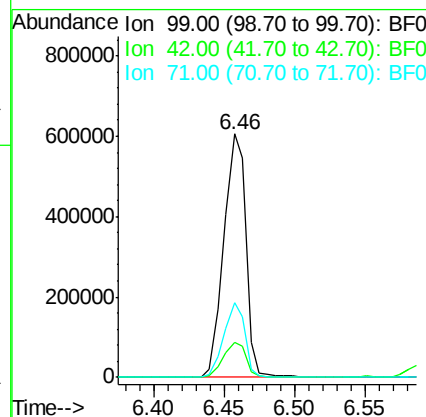
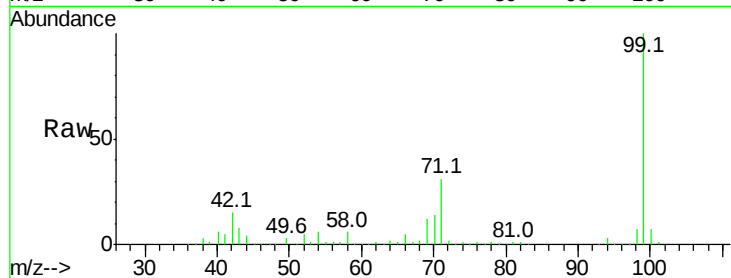
ClientSampleId :

PB103469BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		662486		
42	14.6	14.5	21.7		
71	30.6	25.4	38.0		

Manual Integrations
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#8

2-Chlorophenol

Concen: 32.367 ng

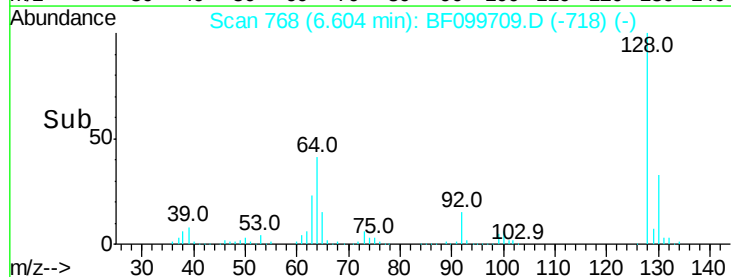
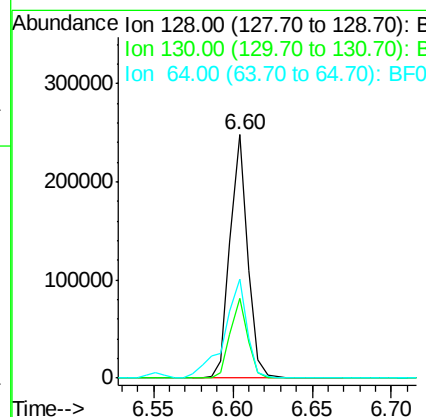
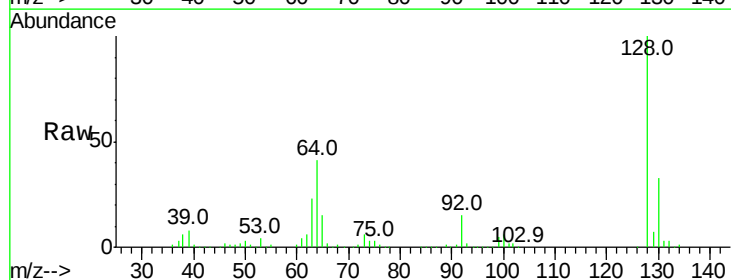
RT: 6.60 min Scan# 768

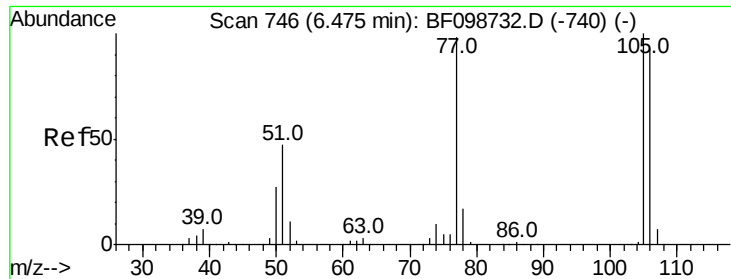
Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		190317		
130	32.8	13.0	53.0		
64	40.8	29.4	69.4		





#9

Benzaldehyde

Concen: 12.074 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Instrument :

BNA_F

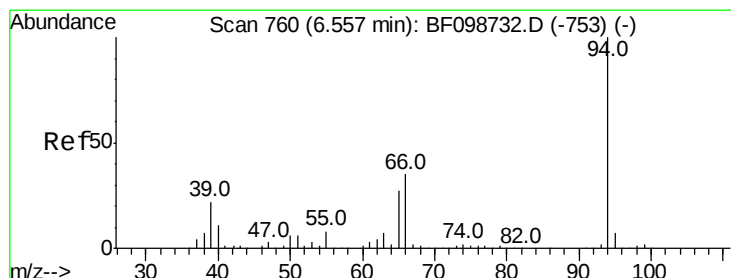
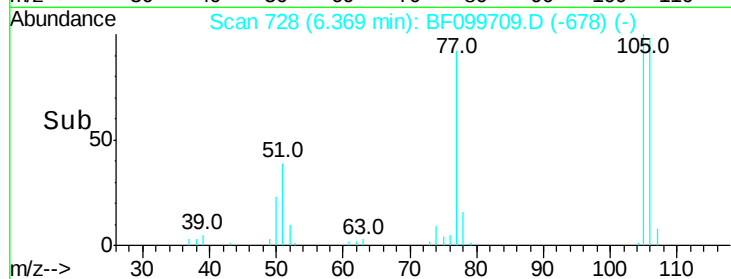
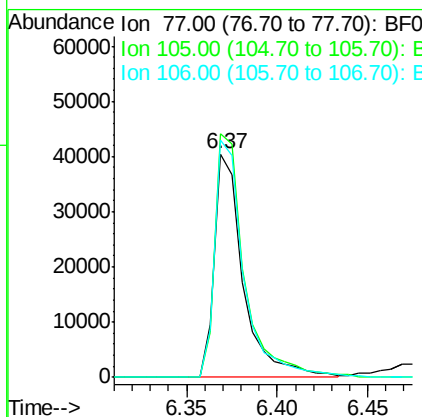
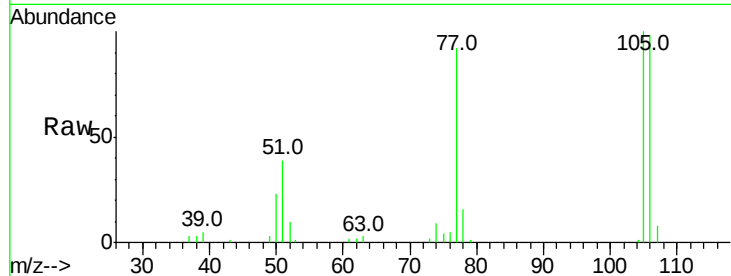
ClientSampleId :

PB103469BS

Tot Ion:	77	Resp:	44860
Ion	Ratio	Lower	Upper
77	100		
105	108.9	81.1	121.1
106	106.3	74.5	114.5

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#10

Phenol

Concen: 31.931 ng

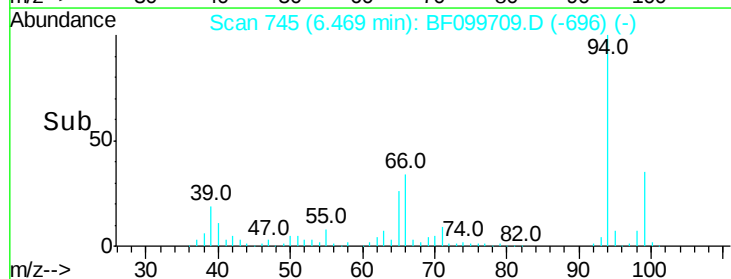
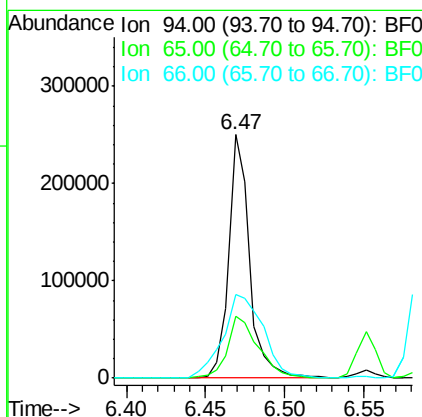
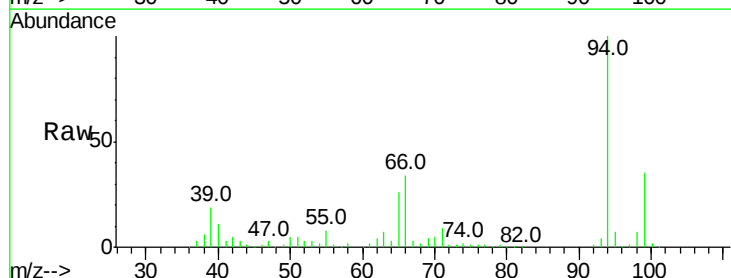
RT: 6.47 min Scan# 745

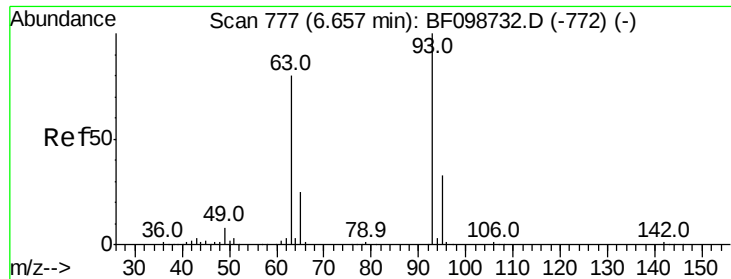
Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Tgt Ion:	94	Resp:	228738
Ion	Ratio	Lower	Upper
94	100		
65	25.5	7.9	47.9
66	34.4	16.2	56.2





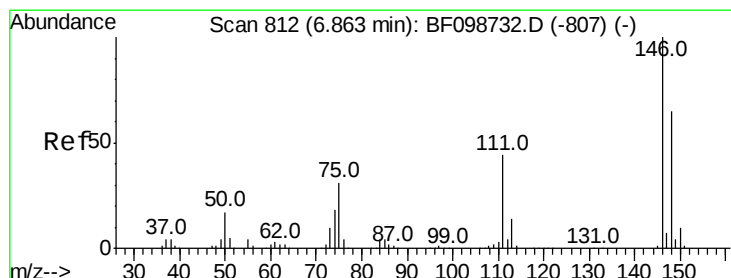
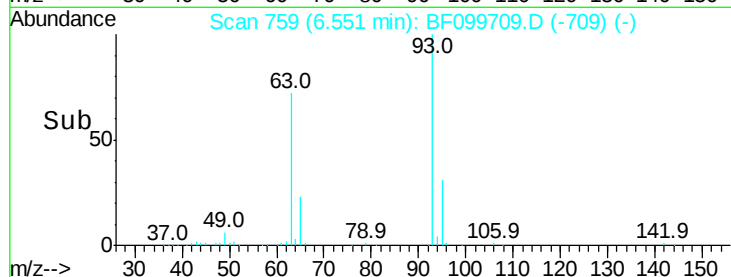
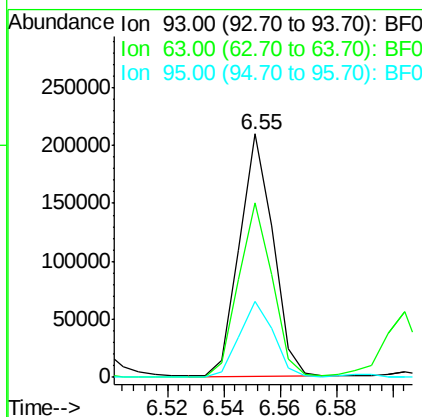
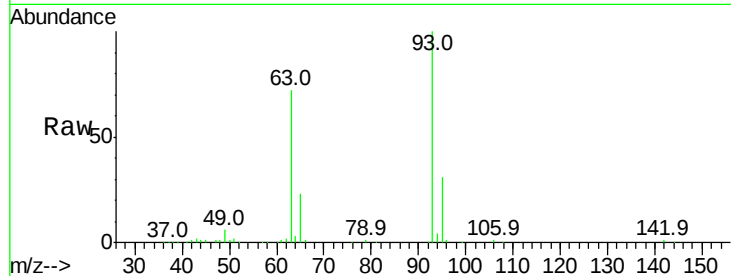
#11
bis(2-Chloroethyl)ether
Concen: 31.011 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Tot Ion	93	Resp	172700
Ion Ratio	Lower	Upper	
93	100		
63	71.9	58.6	98.6
95	31.1	11.8	51.8

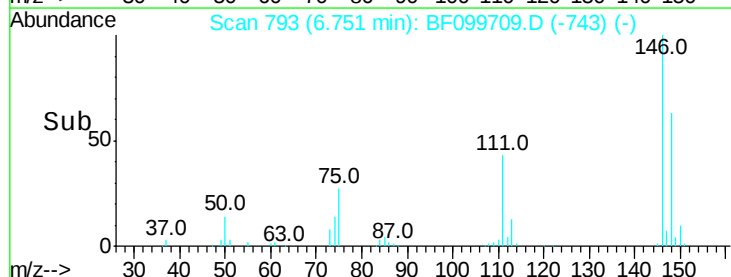
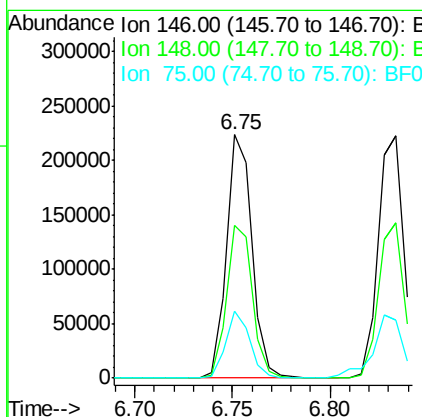
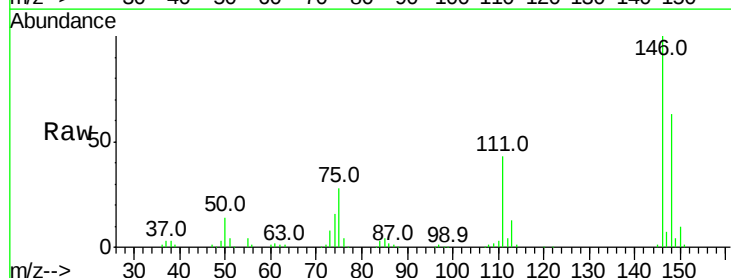
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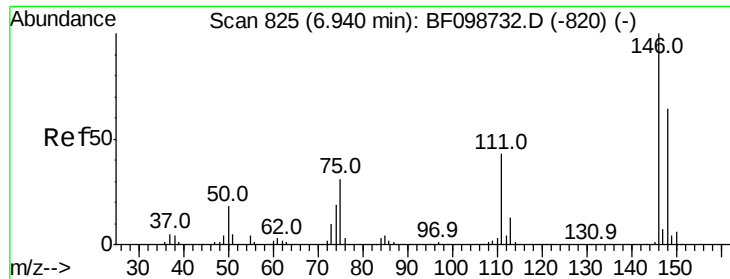
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#12
1,3-Dichlorobenzene
Concen: 32.708 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	146	Resp	201419
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.8	77.8
75	27.7	24.2	36.4





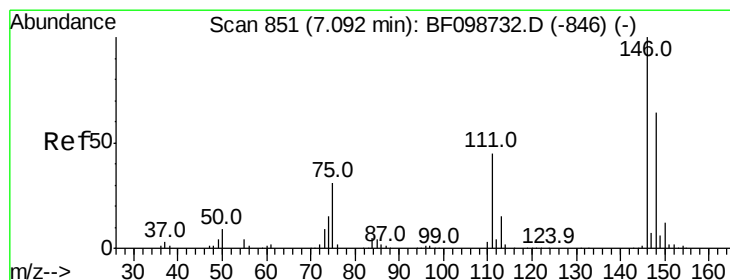
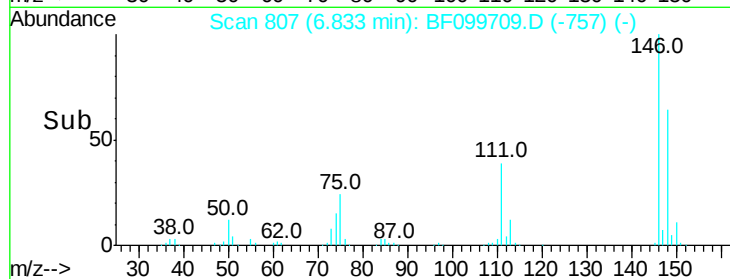
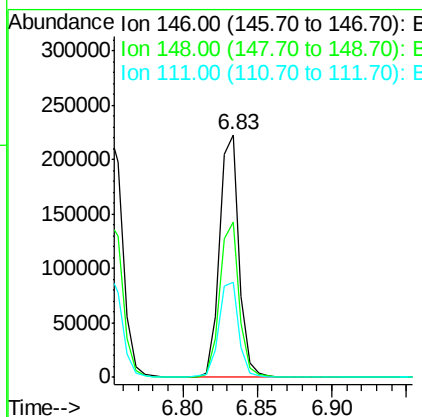
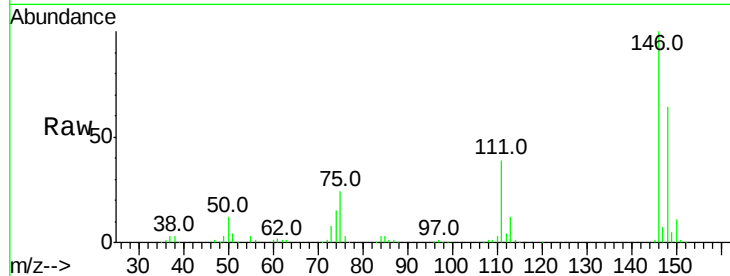
#13
 1,4-Dichlorobenzene
 Concen: 32.902 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Instrument :
 BNA_F
 ClientSampleId :
 PB103469BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.8	76.2
111	39.2	34.2	51.2

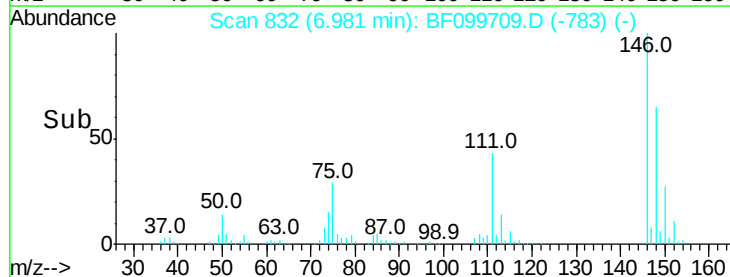
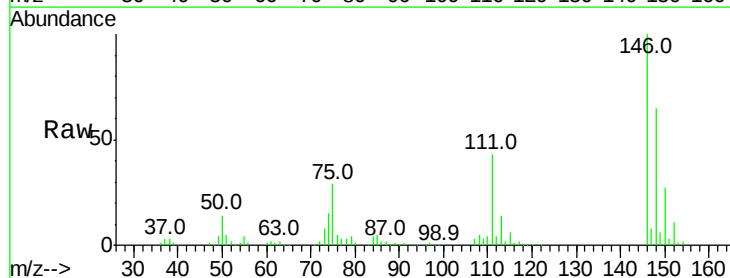
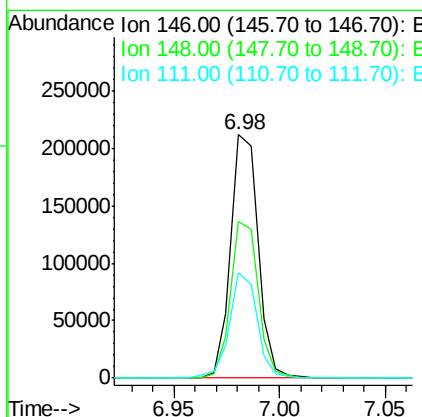
Manual Integrations
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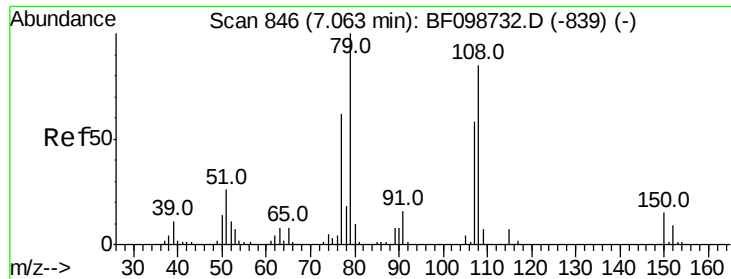
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#14
 1,2-Dichlorobenzene
 Concen: 32.927 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	43.1	36.0	54.0





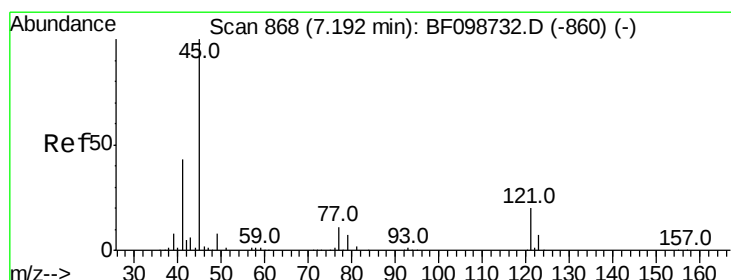
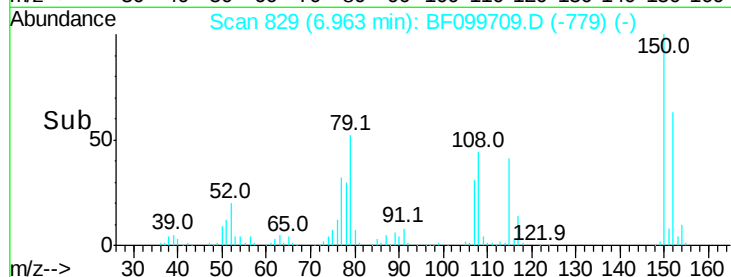
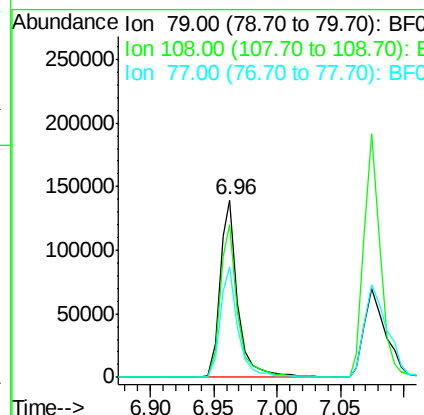
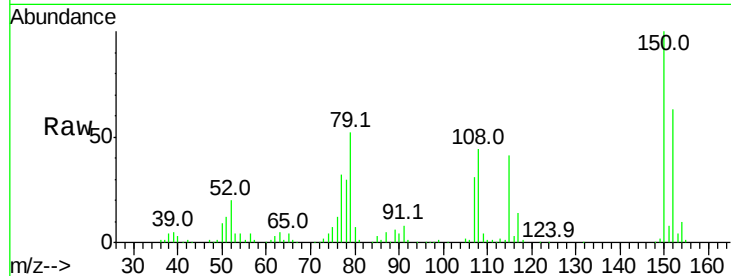
#15
Benzyl Alcohol
Concen: 29.299 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampled :
PB103469BS

Tot Ion:	79	Resp:	137674
Ion Ratio	Lower	Upper	
79	100		
108	85.9	65.1	97.7
77	62.0	50.6	75.8

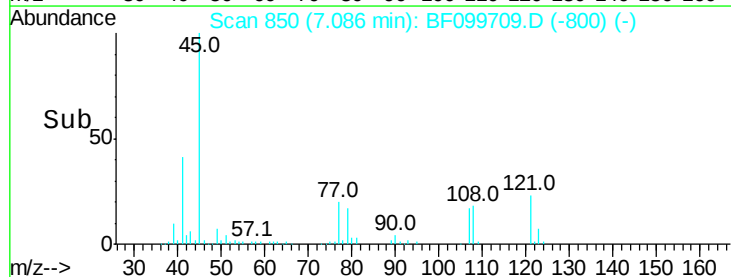
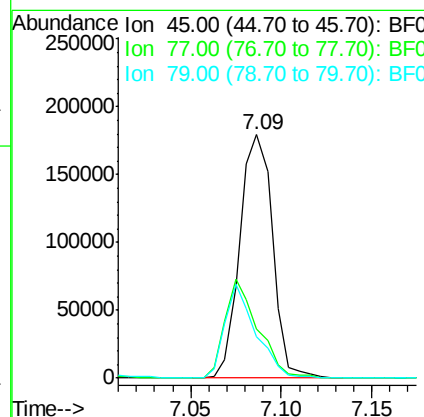
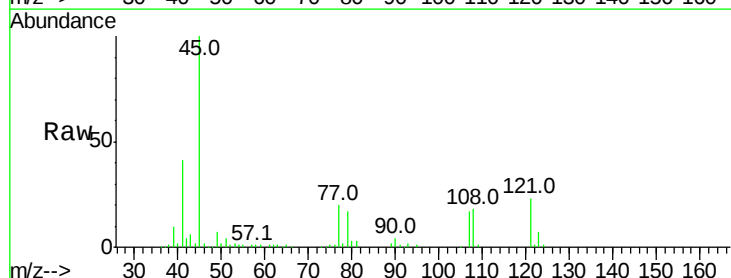
Manual Integrations
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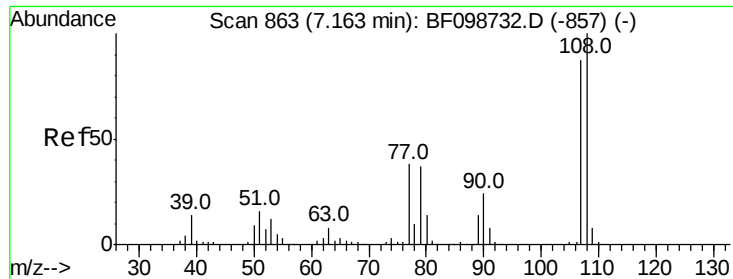
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#16
2,2'-oxybis(1-chloropropane)
Concen: 25.986 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion:	45	Resp:	225467
Ion Ratio	Lower	Upper	
45	100		
77	20.4	0.0	32.9
79	17.0	0.0	29.6





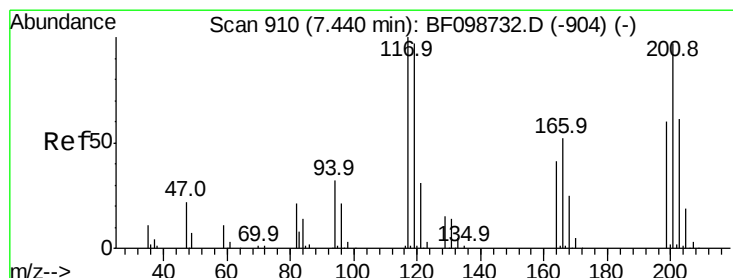
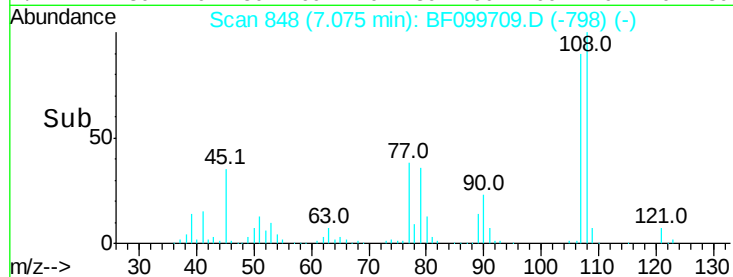
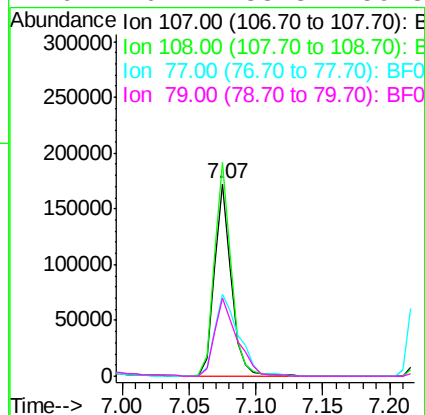
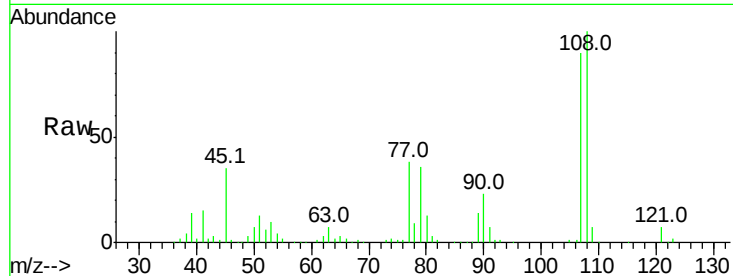
#17
2-Methylphenol
Concen: 32.124 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Tot Ion:	107	Resp:	154556
Ion Ratio	Lower	Upper	
107	100		
108	111.0	91.7	137.5
77	42.5	33.8	50.8
79	40.4	33.8	50.8

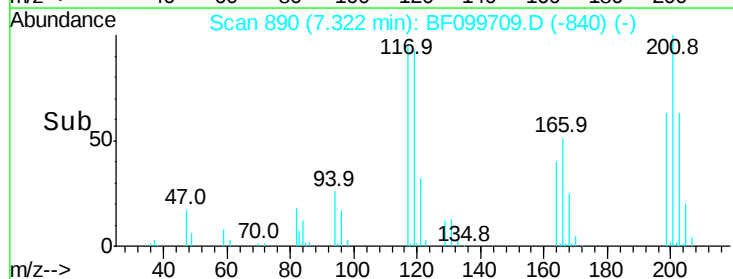
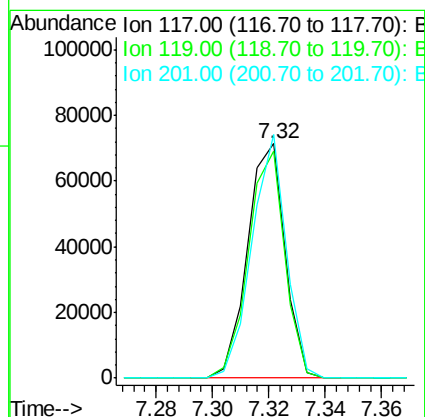
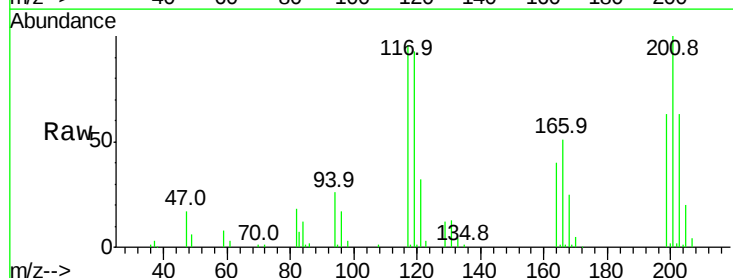
Manual Integrations
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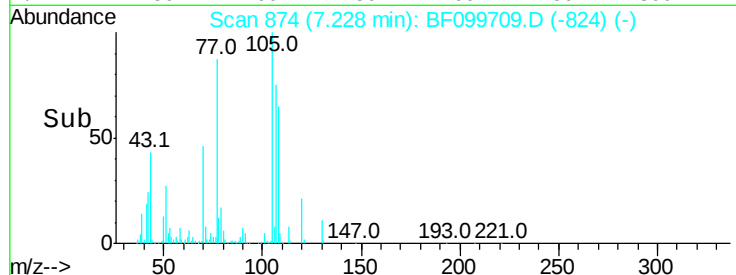
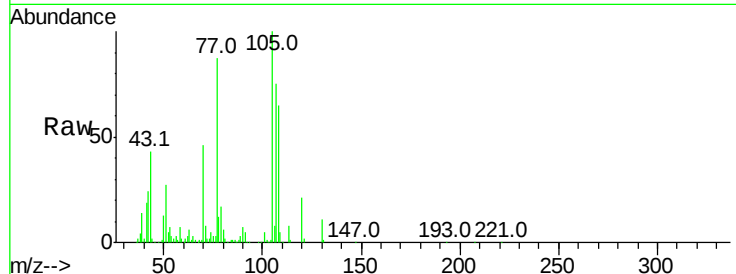
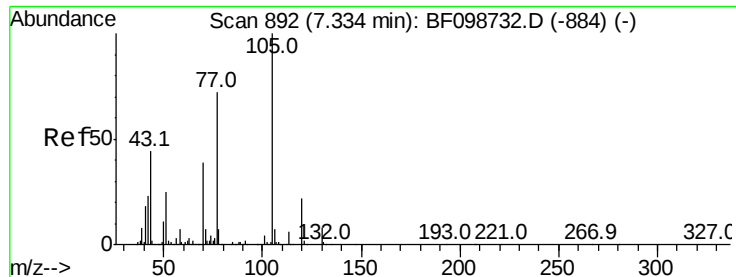
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#18
Hexachloroethane
Concen: 29.128 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion:	117	Resp:	65598
Ion Ratio	Lower	Upper	
117	100		
119	96.8	75.8	113.8
201	103.8	75.7	113.5





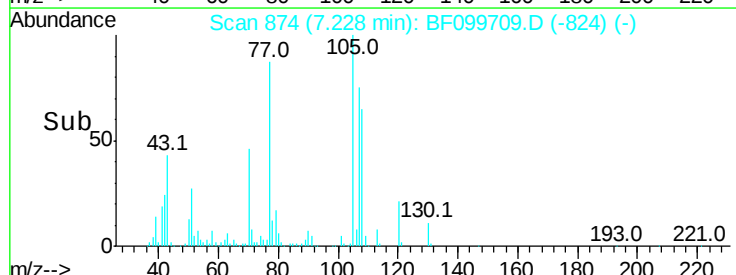
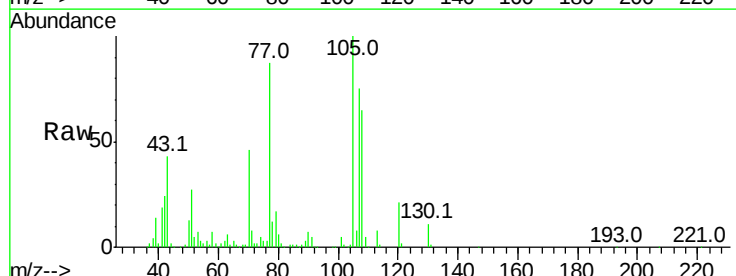
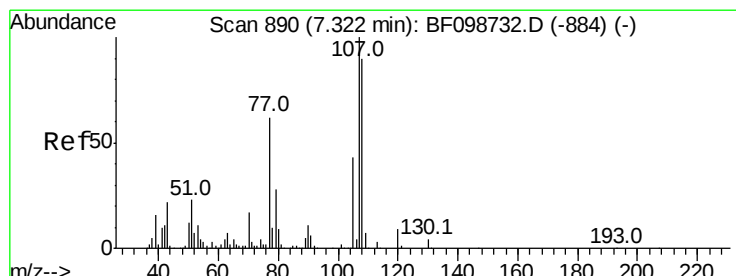
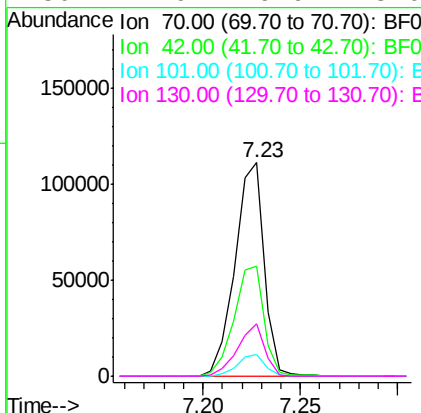
#19
n-Nitroso-di-n-propylamine
Concen: 28.163 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Tot Ion	70	Resp	115174
Ion Ratio	Lower	Upper	
70	100		
42	51.5	47.5	71.3
101	10.4	7.4	11.2
130	24.9	16.6	25.0

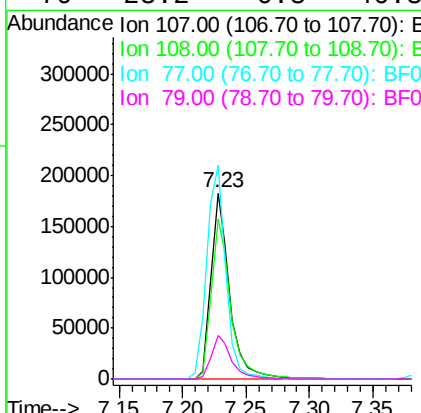
Manual Integrations
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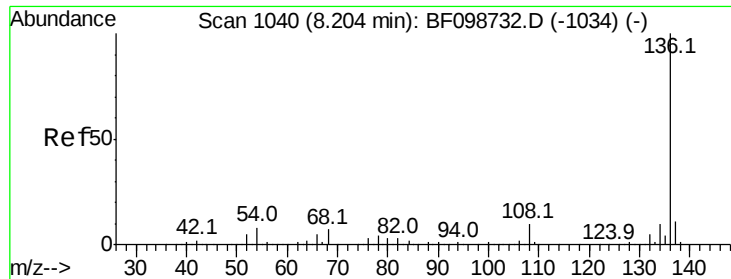
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#20
3+4-Methylphenols
Concen: 31.307 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	107	Resp	190549
Ion Ratio	Lower	Upper	
107	100		
108	86.1	68.2	108.2
77	114.8	26.7	66.7#
79	23.2	6.3	46.3





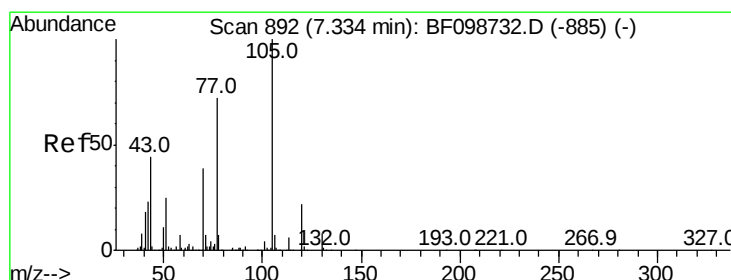
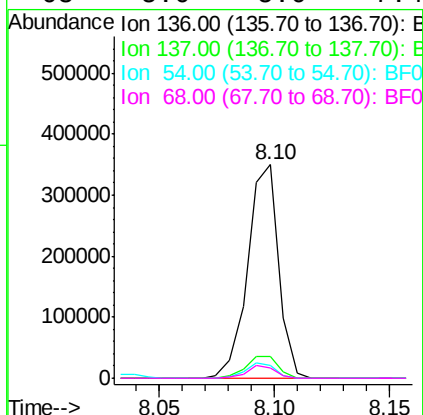
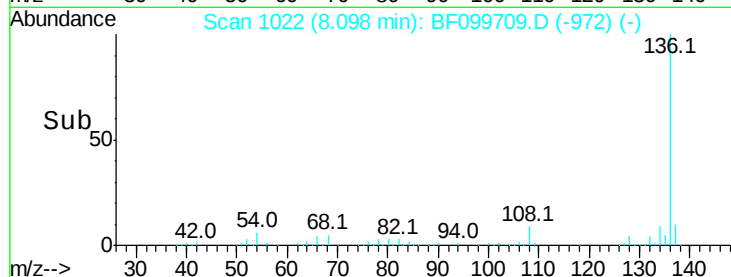
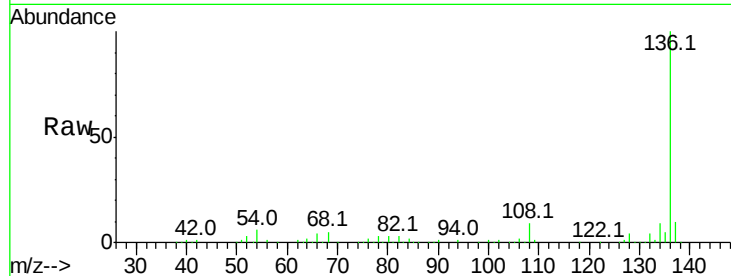
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleID :
PB103469BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.9	13.3	
54	6.0	6.6	9.8	
68	5.0	5.0	7.4	

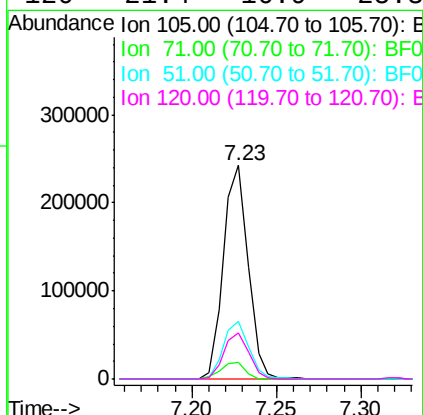
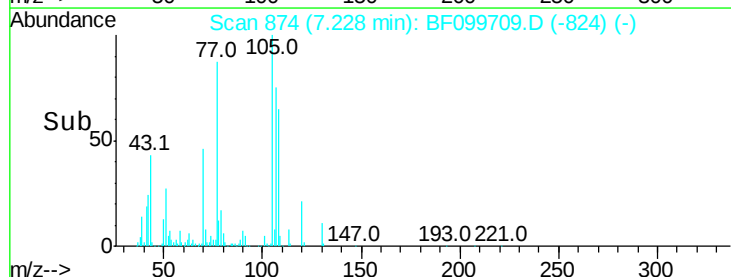
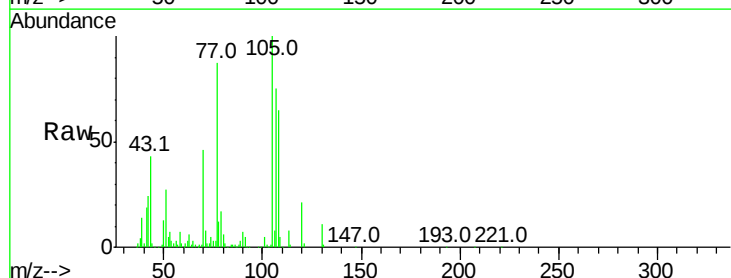
Manual Integrations
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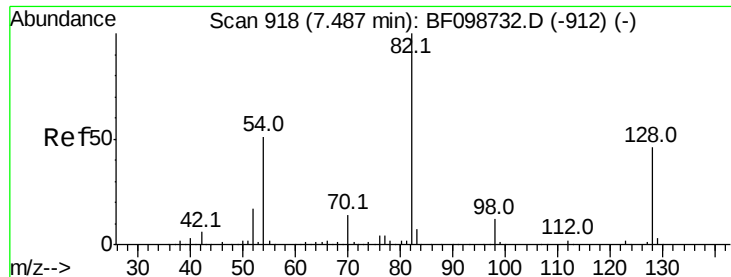
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#22
Acetophenone
Concen: 31.251 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	4.4	6.6	
51	27.1	22.3	33.5	
120	21.4	16.9	25.3	





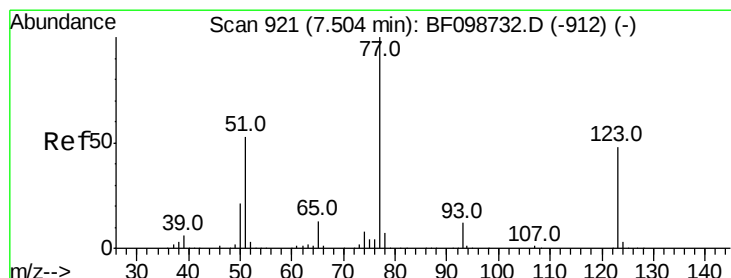
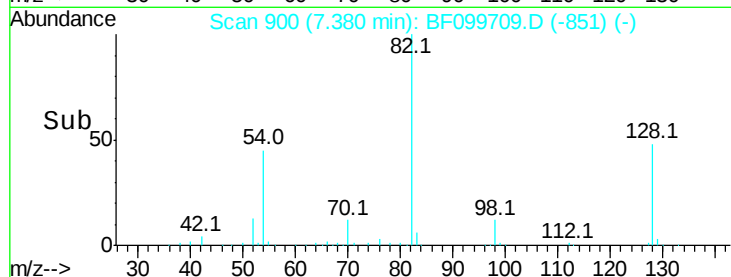
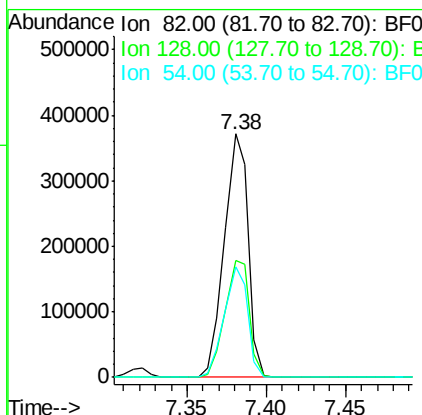
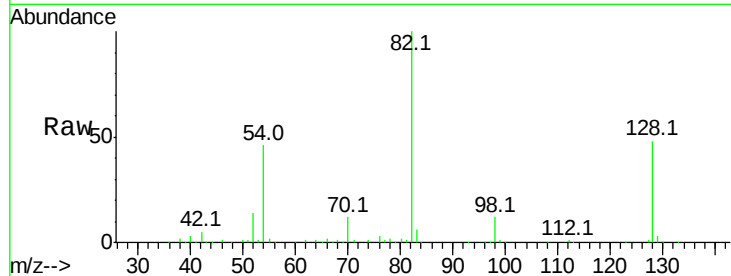
#23
 Nitrobenzene-d5
 Concen: 75.588 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Instrument :
 BNA_F
 ClientSampleID :
 PB103469BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	48.1	36.1	54.1	
54	45.5	41.4	62.2	

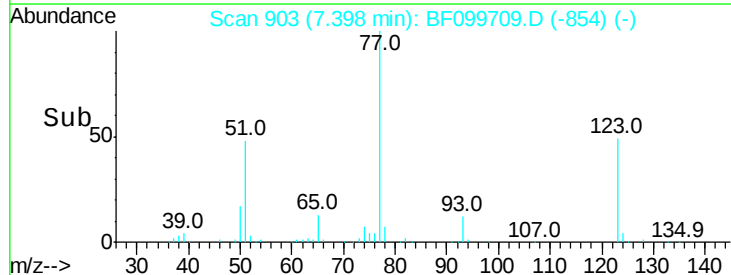
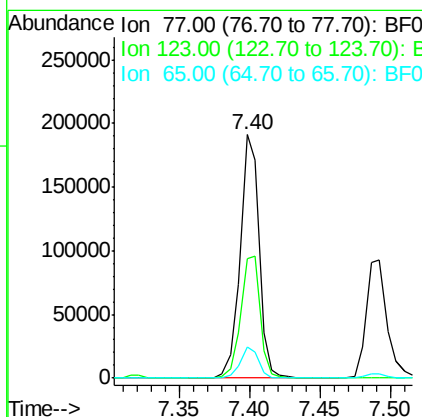
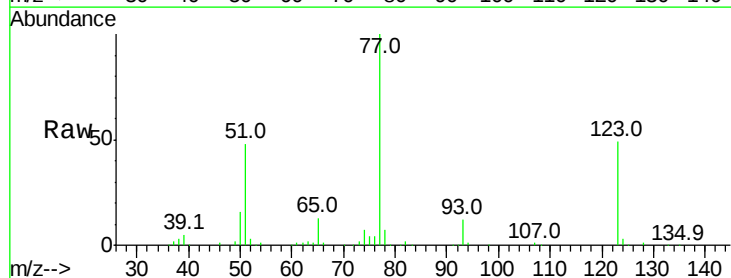
Manual Integrations
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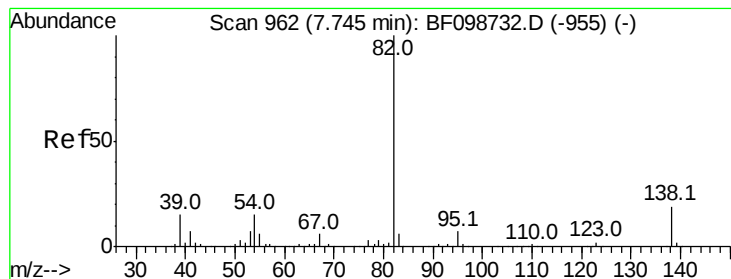
Sohil
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#24
 Nitrobenzene
 Concen: 30.948 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.9	37.9	56.9	
65	12.7	11.0	16.4	





#25

Isophorone

Concen: 31.241 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Instrument :

BNA_F

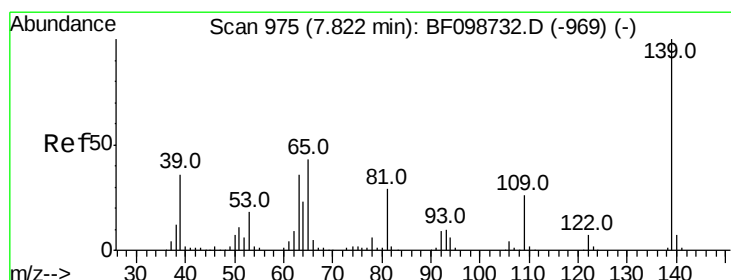
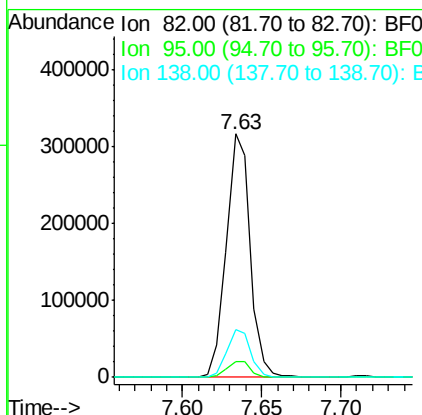
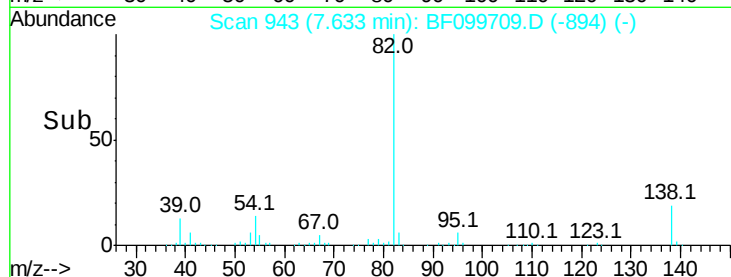
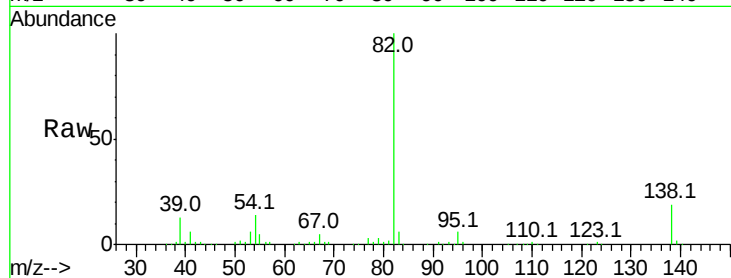
ClientSampleId :

PB103469BS

Tot Ion:	82	Resp:	329856
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	19.5	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.505 ng

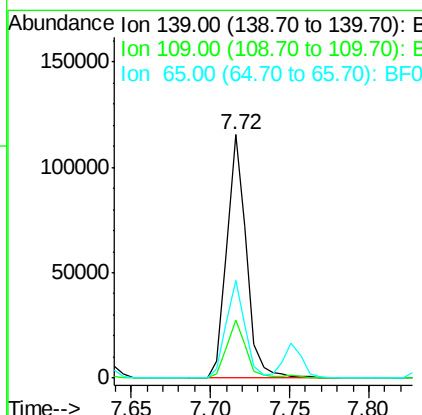
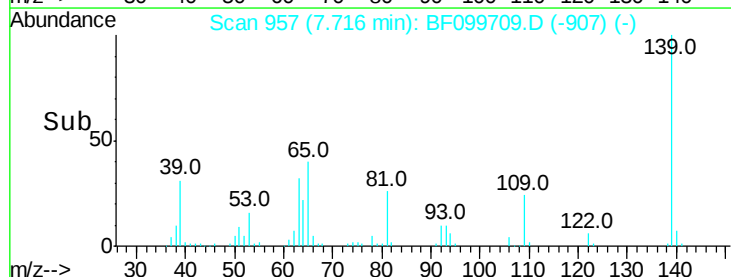
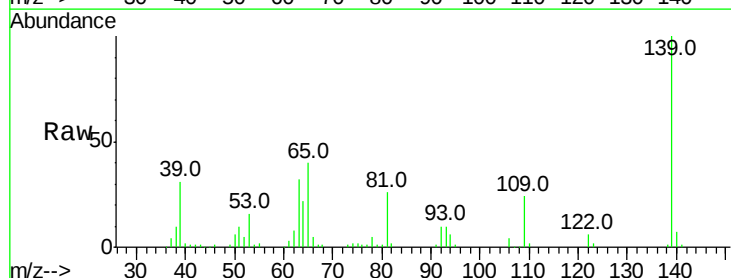
RT: 7.72 min Scan# 957

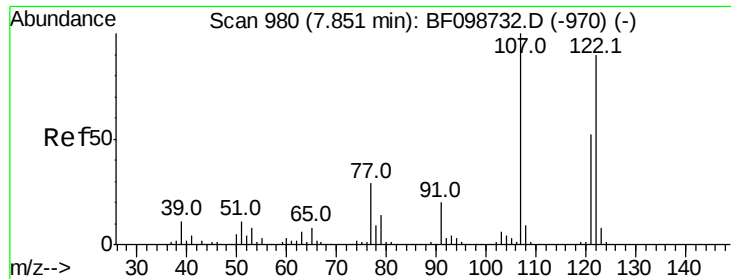
Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Tgt Ion:	139	Resp:	98910
Ion Ratio	Lower	Upper	
139	100		
109	24.0	22.7	34.1
65	40.0	40.5	60.7#





#27

2,4-Dimethylphenol

Concen: 31.312 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Instrument :

BNA_F

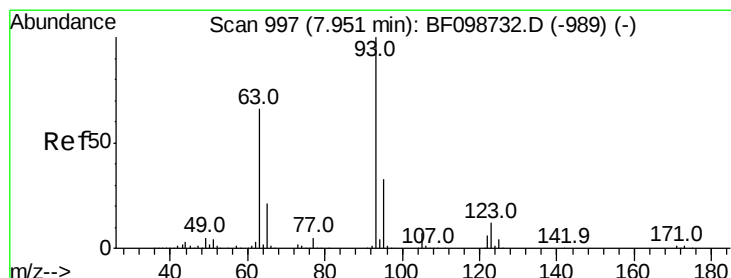
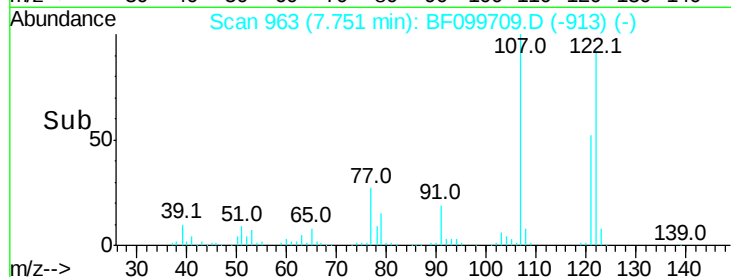
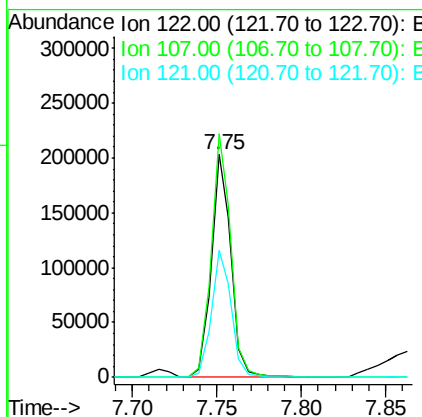
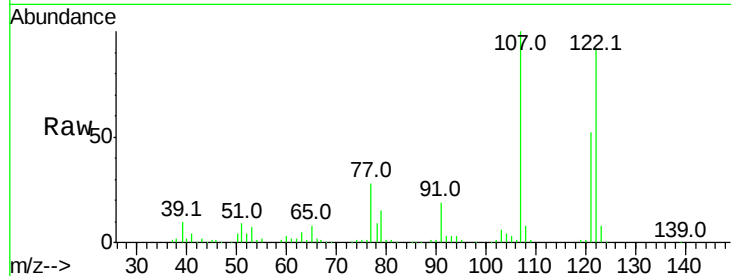
ClientSampled :

PB103469BS

Tot Ion:	122	Resp:	164732
Ion Ratio	Lower	Upper	
122	100		
107	109.2	91.2	136.8
121	57.0	47.2	70.8

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 32.994 ng

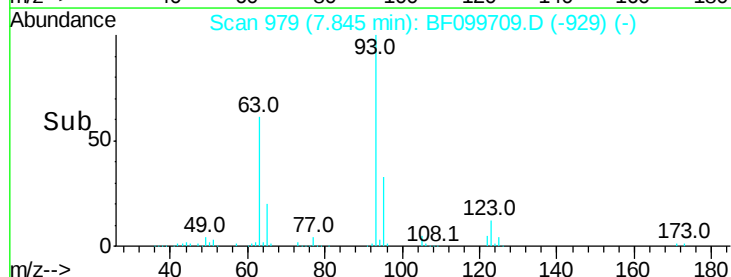
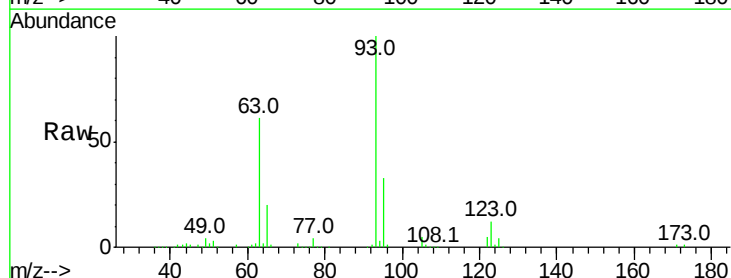
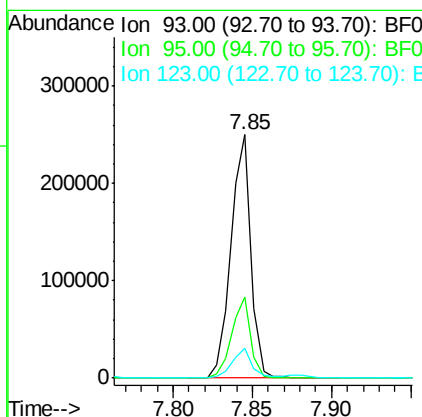
RT: 7.85 min Scan# 979

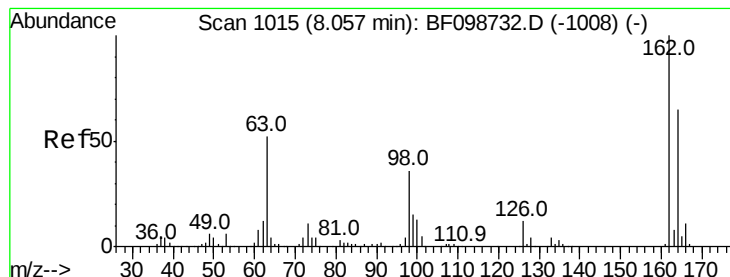
Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Tgt Ion:	93	Resp:	217096
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.3	39.5
123	12.5	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 34.235 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Instrument :

BNA_F

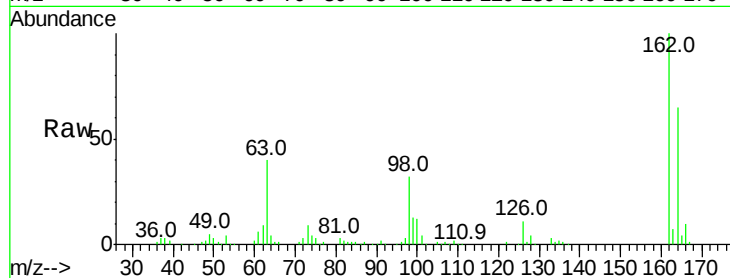
ClientSampleId :

PB103469BS

Tot Ion:	162	Resp:	154640
Ion Ratio	Lower	Upper	
162	100		
164	64.7	42.7	82.7
98	32.0	18.1	58.1

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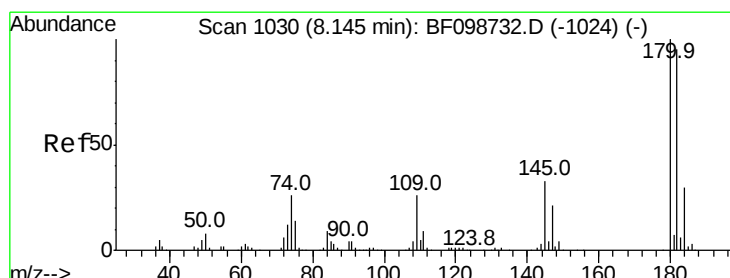
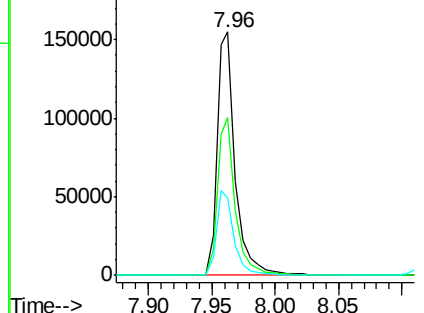
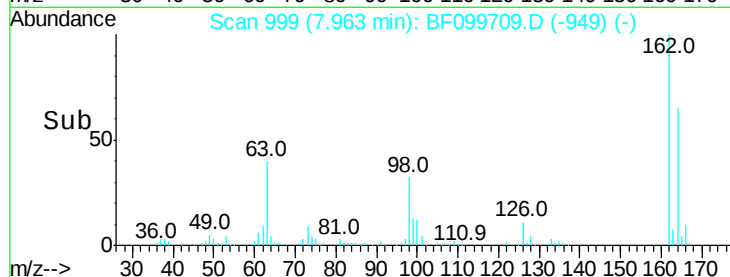
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 35.359 ng

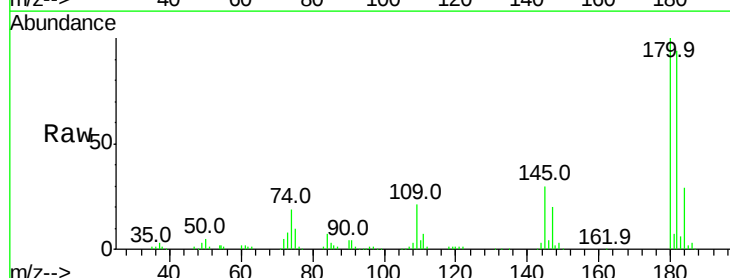
RT: 8.04 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

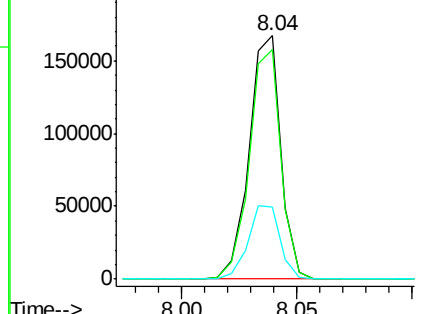
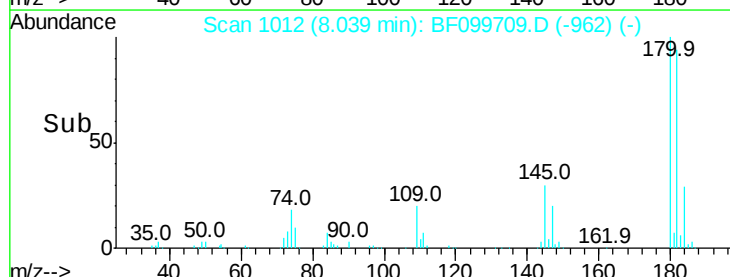
Tgt Ion:	180	Resp:	159739
Ion Ratio	Lower	Upper	
180	100		
182	94.3	76.8	115.2
145	29.6	26.5	39.7

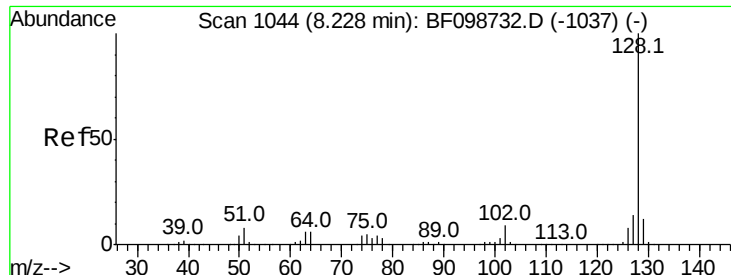


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





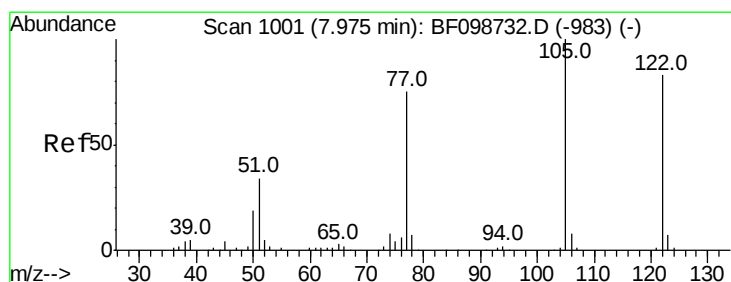
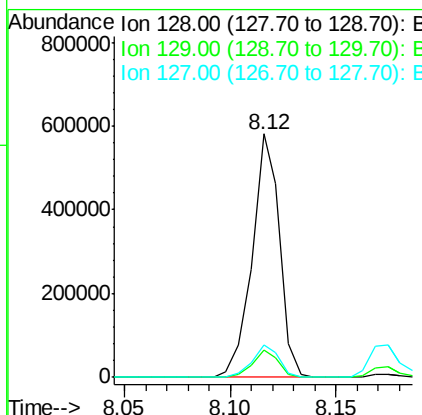
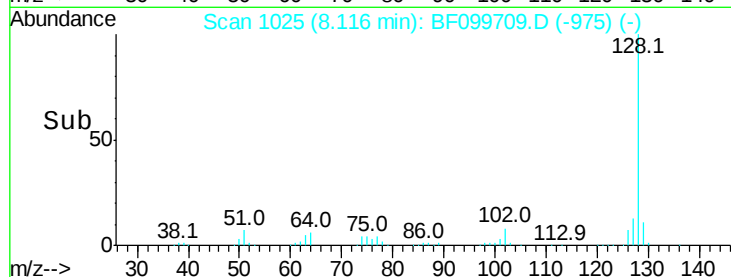
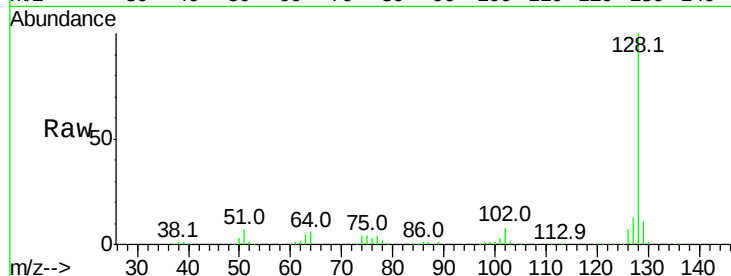
#31
Naphthalene
Concen: 34.028 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.2	10.9	16.3

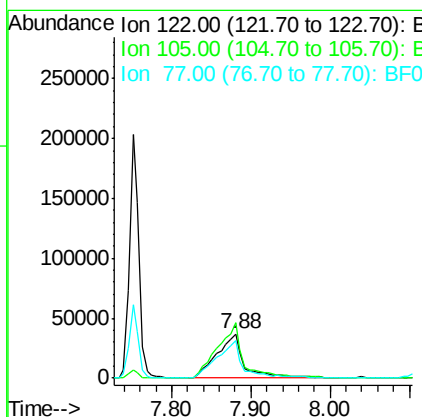
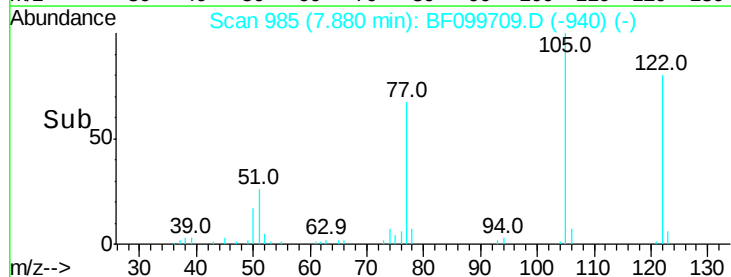
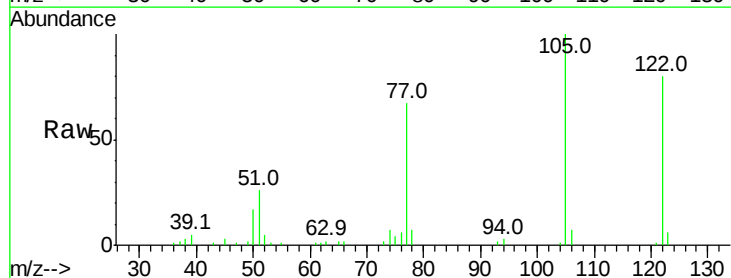
Manual Integrations
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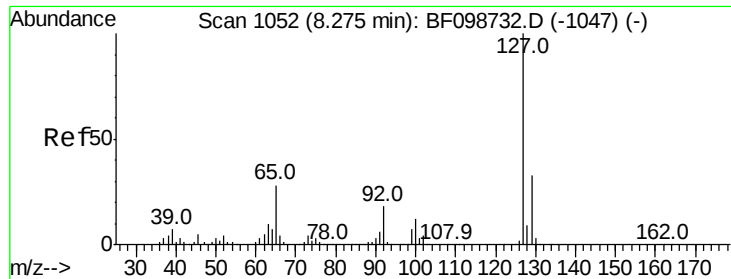
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#32
Benzoic acid
Concen: 19.882 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.04 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	124.8	101.1	141.1
77	83.7	70.7	110.7





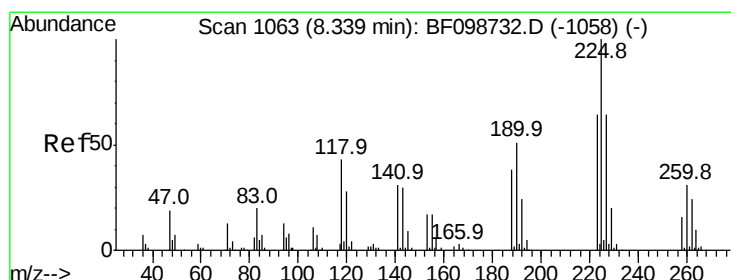
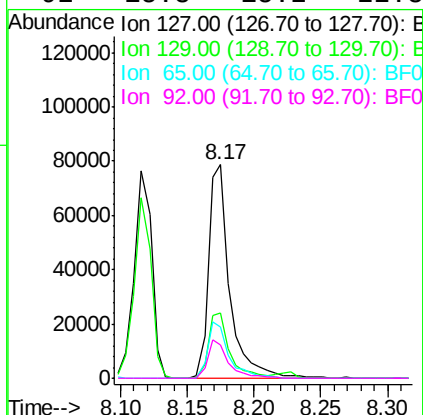
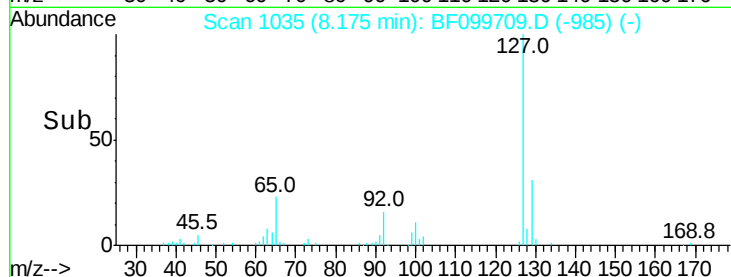
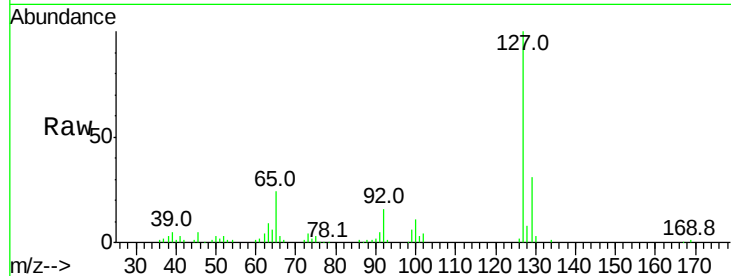
#33
4-Chloroaniline
Concen: 13.569 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.9	38.9
65	23.8	25.0	37.4
92	15.8	15.2	22.8

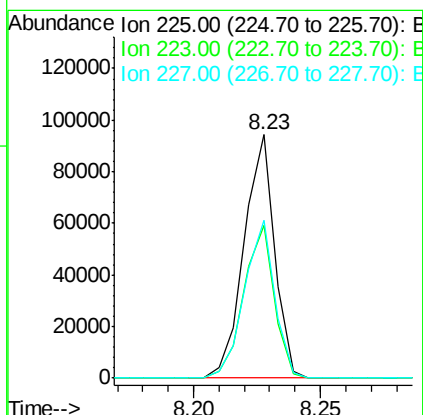
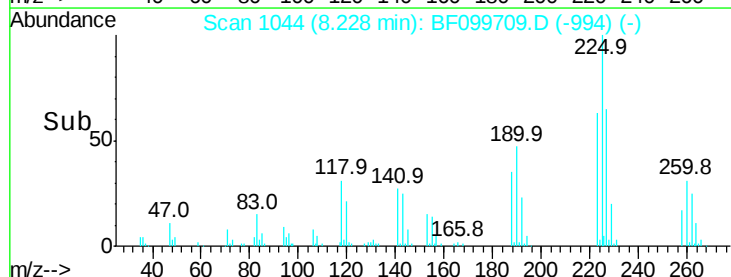
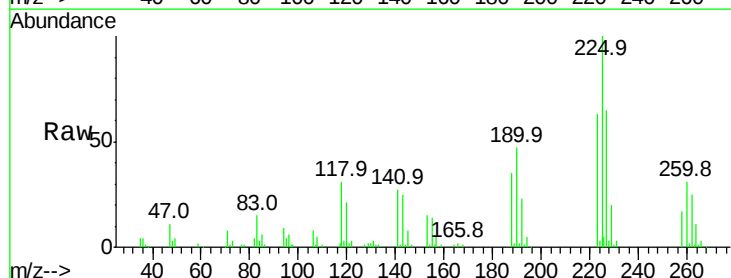
Manual Integrations
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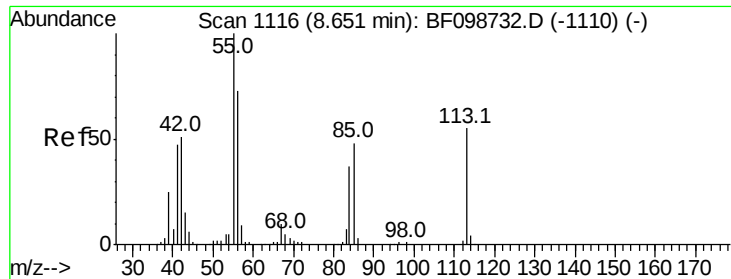
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#34
Hexachlorobutadiene
Concen: 33.942 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.6	76.0
227	64.7	51.9	77.9





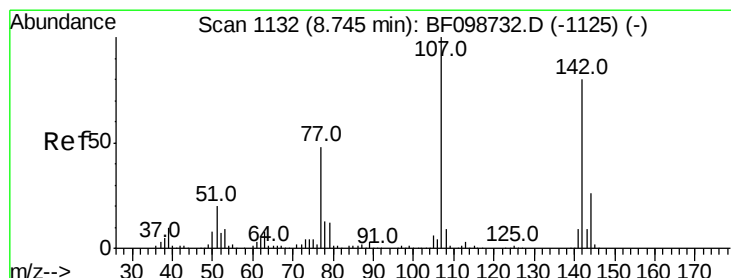
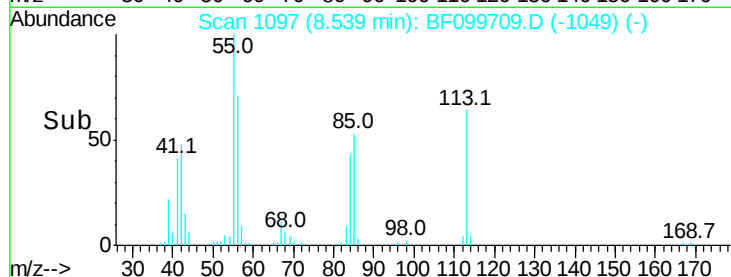
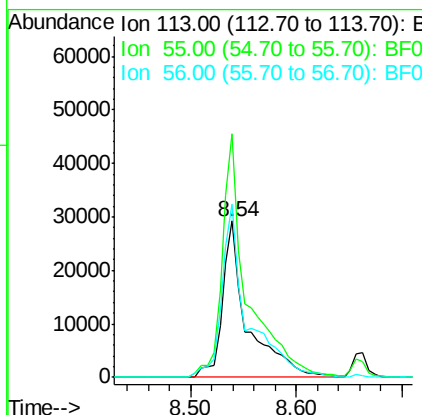
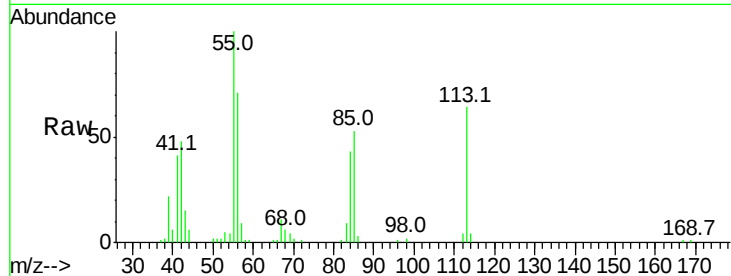
#35
 Caprolactam
 Concen: 33.318 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Instrument :
 BNA_F
 ClientSampleID :
 PB103469BS

Tot Ion:113 Resp: 48275
 Ion Ratio Lower Upper
 113 100
 55 155.9 163.3 203.3#
 56 110.8 115.7 155.7#

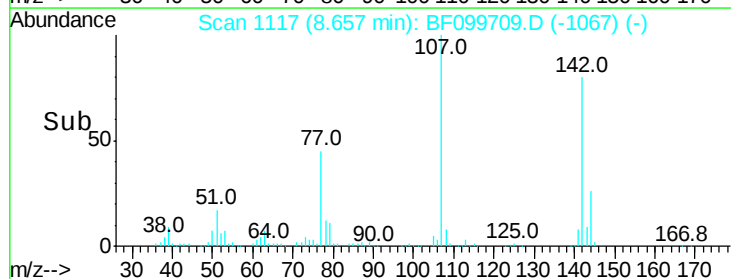
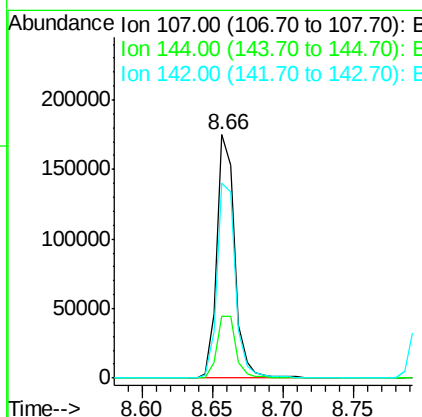
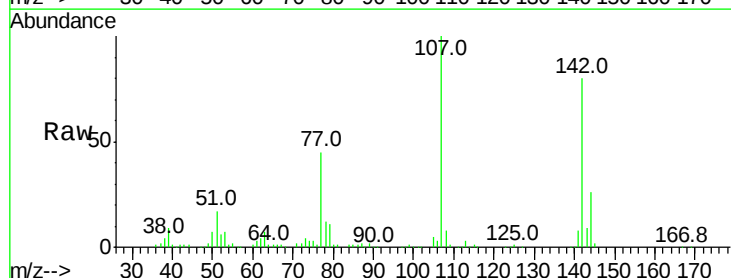
Manual Integrations
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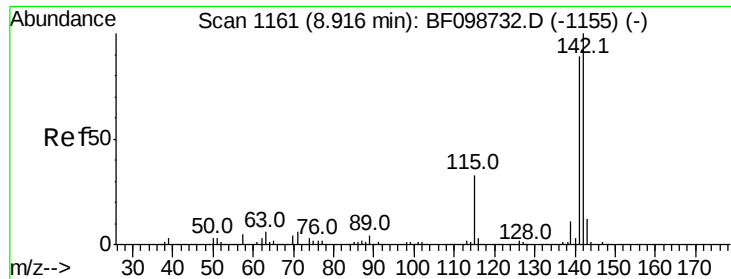
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#36
 4-Chloro-3-methylphenol
 Concen: 30.496 ng
 RT: 8.66 min Scan# 1117
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Tgt Ion:107 Resp: 154831
 Ion Ratio Lower Upper
 107 100
 144 25.6 20.5 30.7
 142 80.2 62.0 93.0





#37

2-Methylnaphthalene

Concen: 35.416 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF099709.D

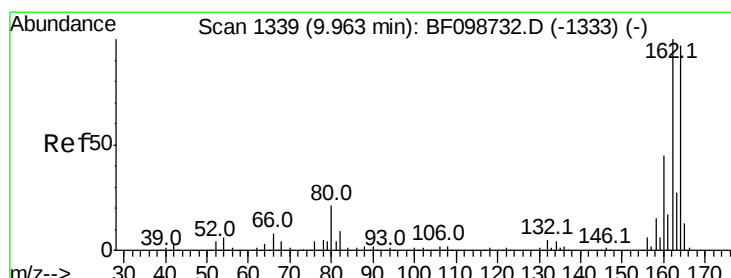
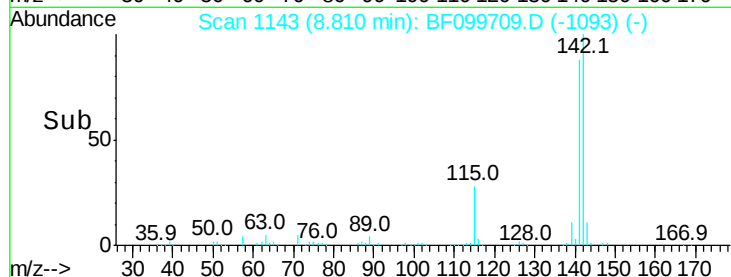
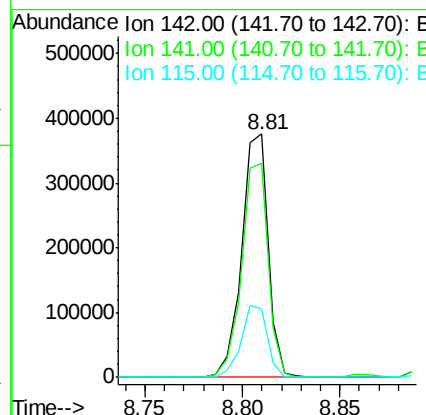
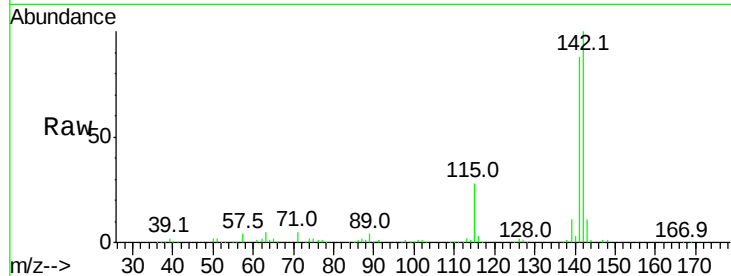
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleID :
PB103469BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.8	106.2
115	27.9	26.1	39.1

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.000 ng

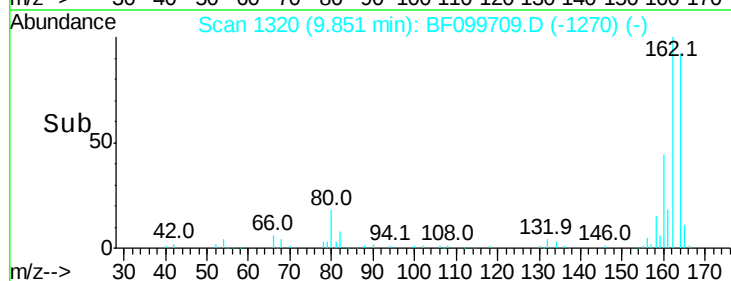
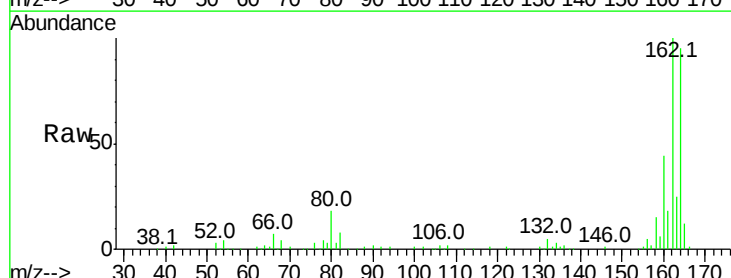
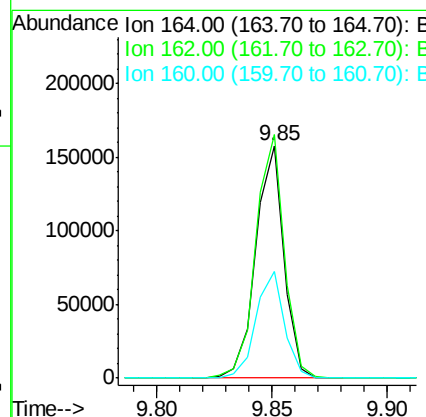
RT: 9.85 min Scan# 1320

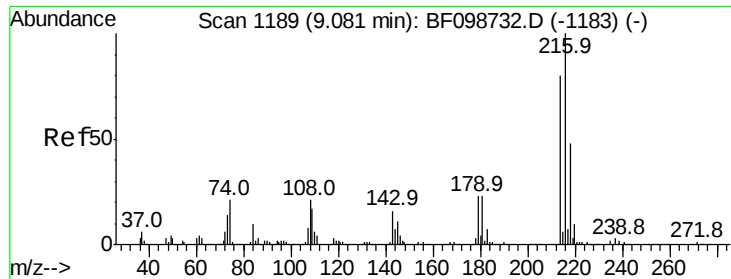
Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	86.1	129.1
160	46.1	38.3	57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.722 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Instrument :

BNA_F

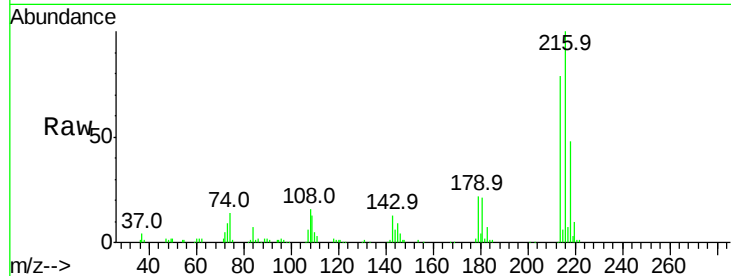
ClientSampled :

PB103469BS

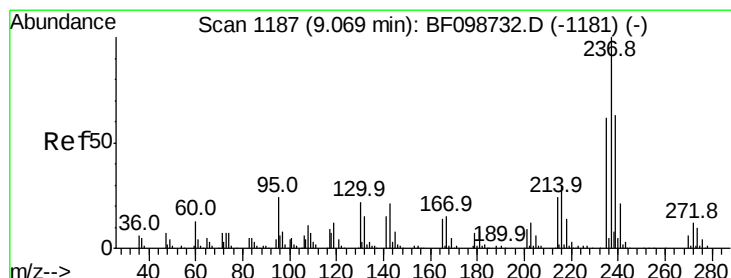
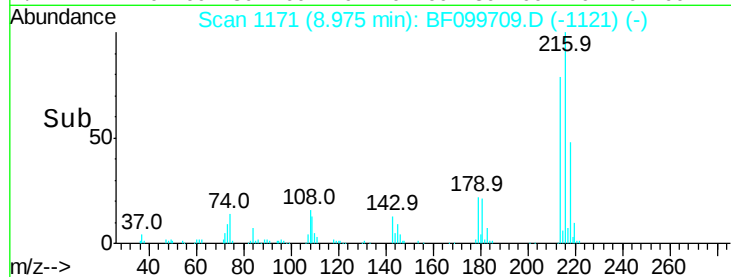
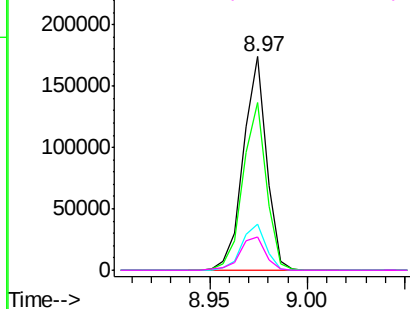
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	63.0	94.4
179	22.3	18.1	27.1
108	17.2	17.2	25.8#

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 7.018 ng

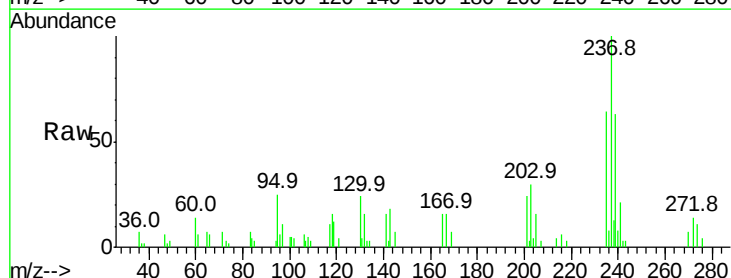
RT: 8.95 min Scan# 1167

Delta R.T. -0.01 min

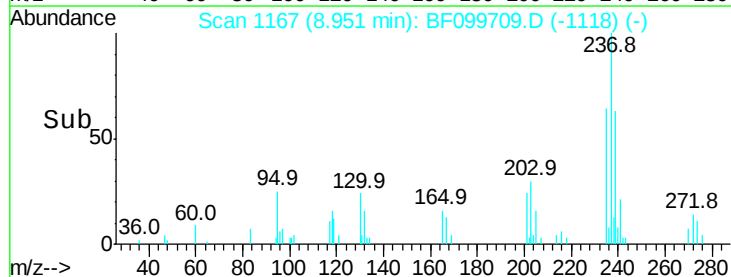
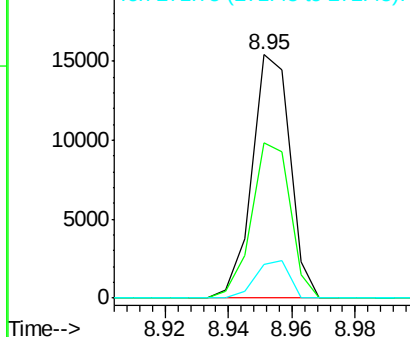
Lab File: BF099709.D

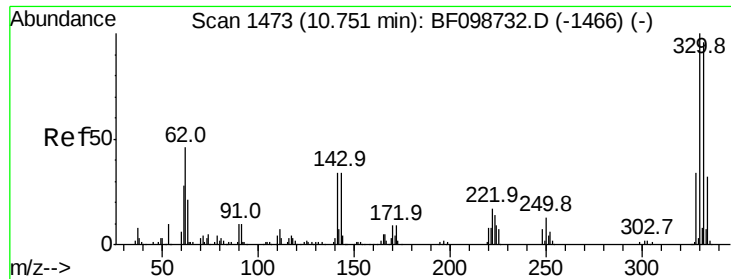
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.9	44.8	84.8
272	13.6	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 101.159 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Instrument :

BNA_F

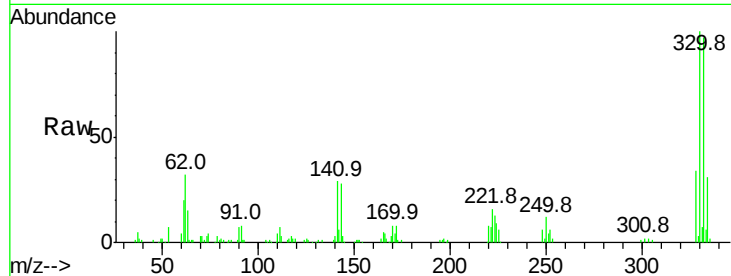
ClientSampleId :

PB103469BS

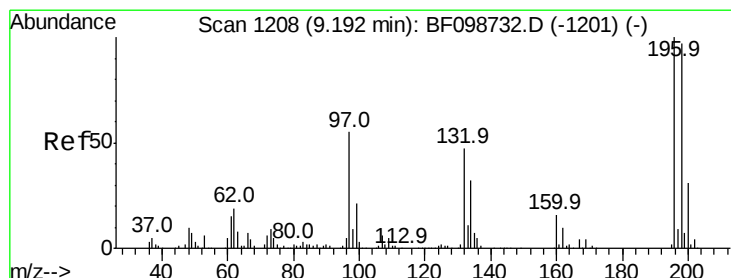
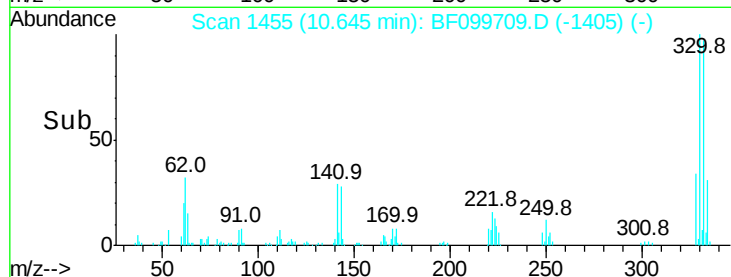
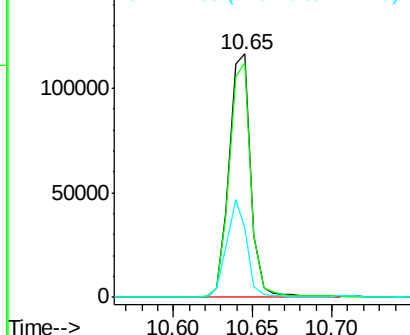
Tot Ion:	330	Resp:	111517
Ion Ratio		Lower	Upper
330	100		
332	96.2	77.0	115.6
141	37.0	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 33.637 ng

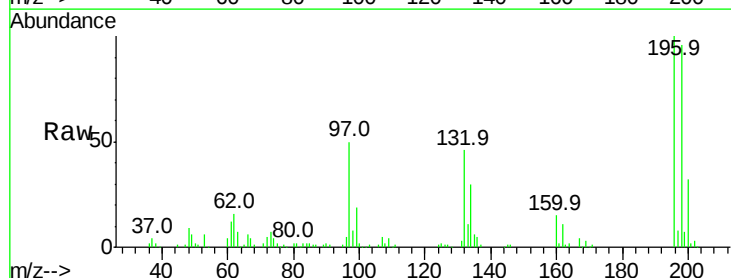
RT: 9.09 min Scan# 1191

Delta R.T. -0.01 min

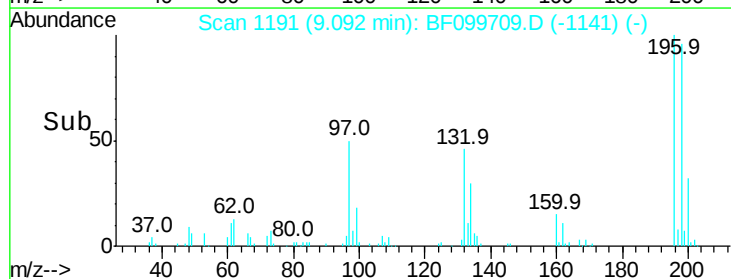
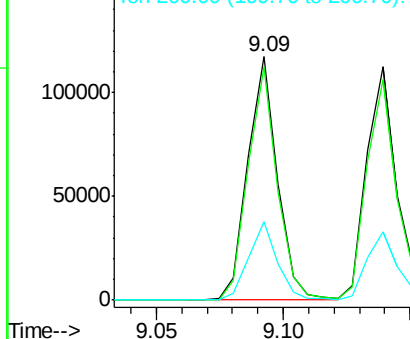
Lab File: BF099709.D

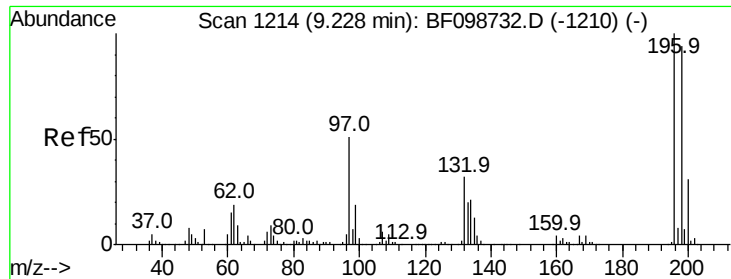
Acq: 20 Oct 2017 19:06

Tgt Ion:	196	Resp:	95743
Ion Ratio		Lower	Upper
196	100		
198	95.9	75.7	113.5
200	32.2	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





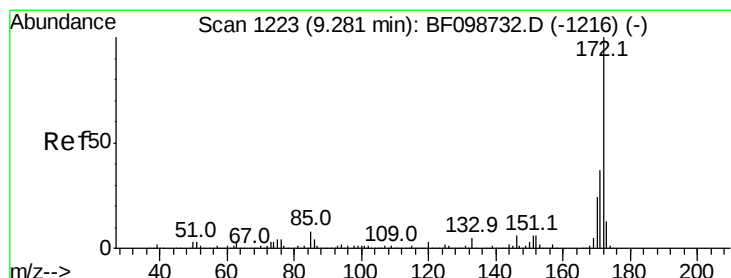
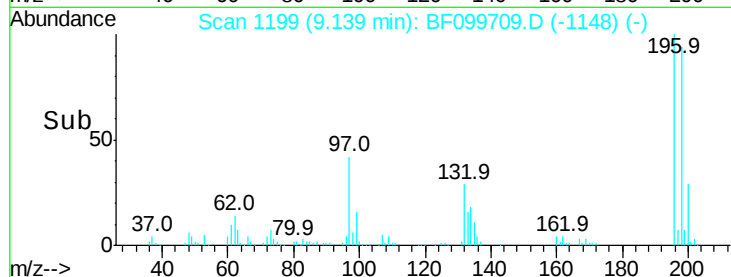
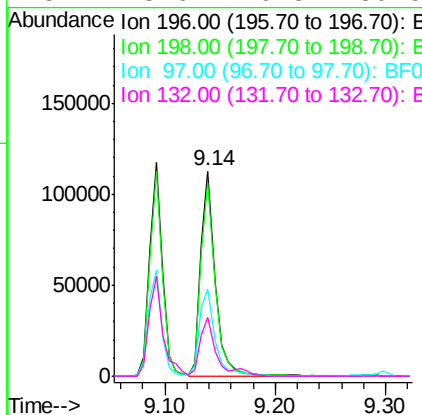
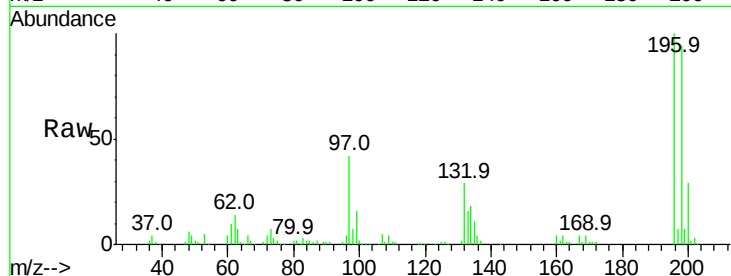
#43
 2,4,5-Trichlorophenol
 Concen: 35.166 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Instrument :
 BNA_F
 ClientSampleId :
 PB103469BS

Tot Ion:	196	Resp:	99920
Ion Ratio	Lower	Upper	
196	100		
198	94.5	74.6	112.0
97	42.1	42.9	64.3#
132	28.6	26.3	39.5

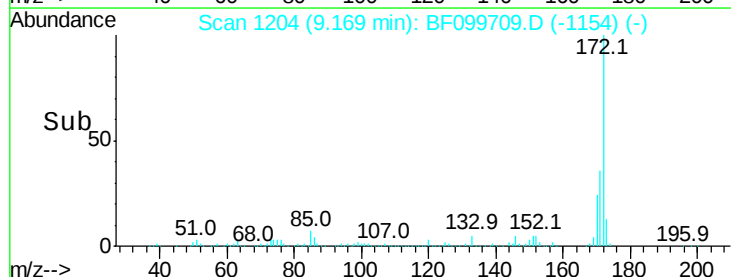
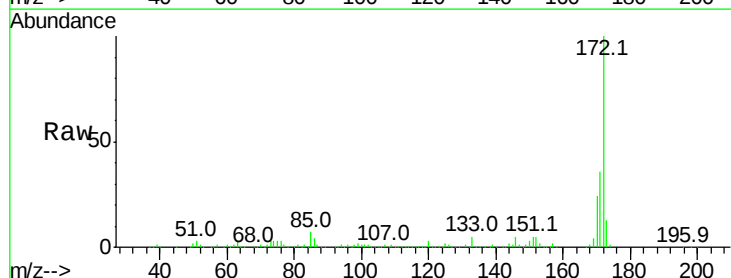
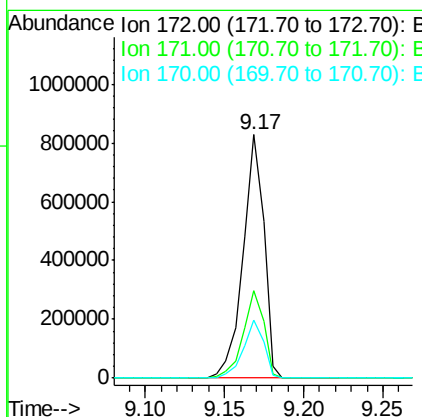
Manual Integrations
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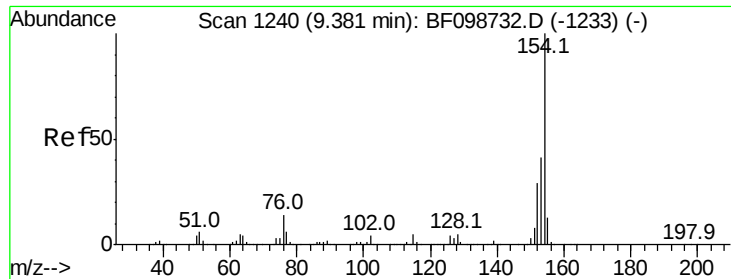
Sohil
 10/23/2017 3:26:28 PM



#44
 2-Fluorobiphenyl
 Concen: 93.190 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Tgt Ion:	172	Resp:	752042
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4





#45

1,1'-Biphenyl

Concen: 35.530 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Instrument :

BNA_F

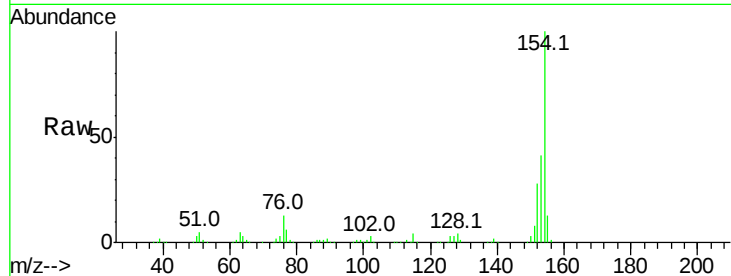
ClientSampleId :

PB103469BS

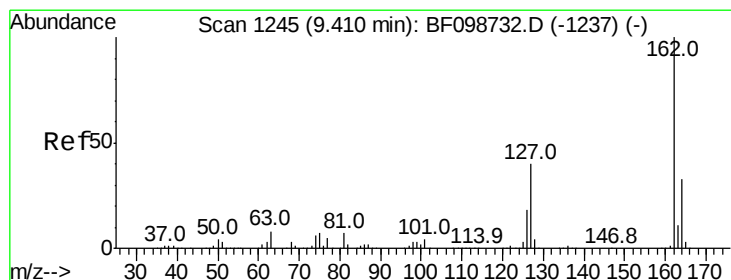
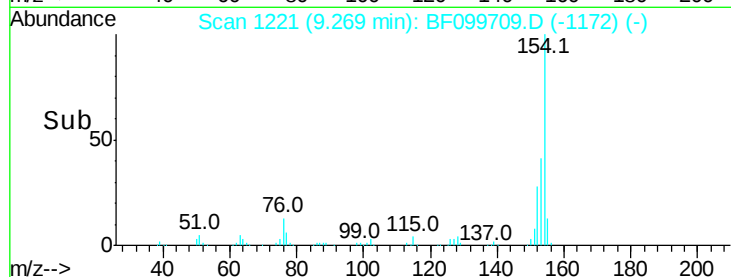
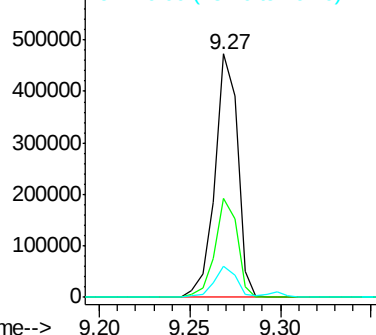
Tot Ion:	154	Resp:	411383
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.3	61.3
76	13.0	0.0	34.0

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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: 35.699 ng

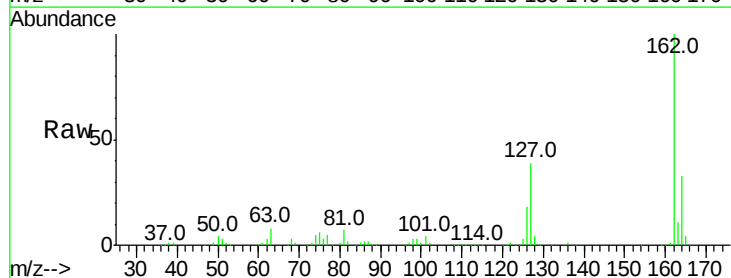
RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

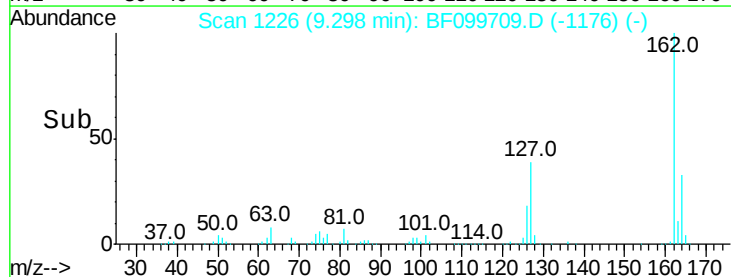
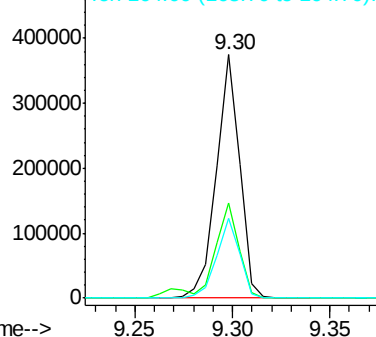
Lab File: BF099709.D

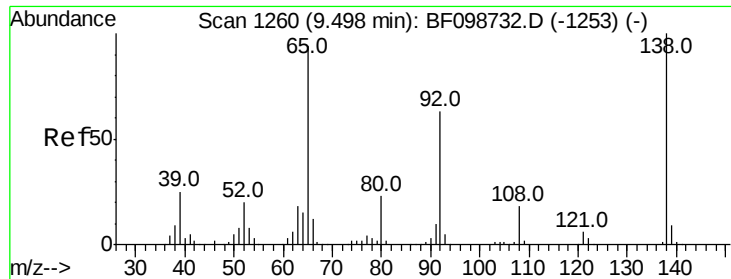
Acq: 20 Oct 2017 19:06

Tgt Ion:	162	Resp:	310345
Ion Ratio	Lower	Upper	
162	100		
127	39.2	33.9	50.9
164	32.7	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





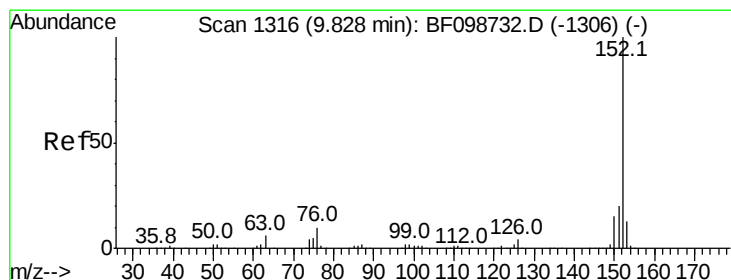
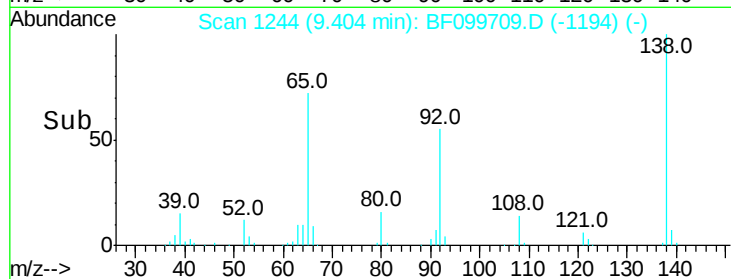
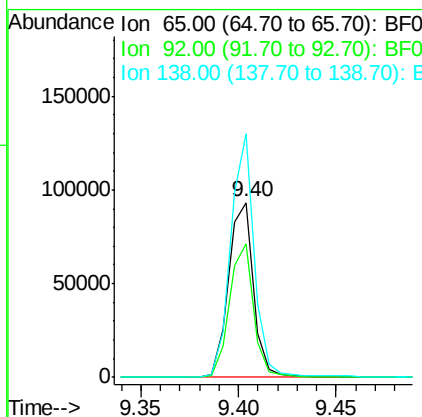
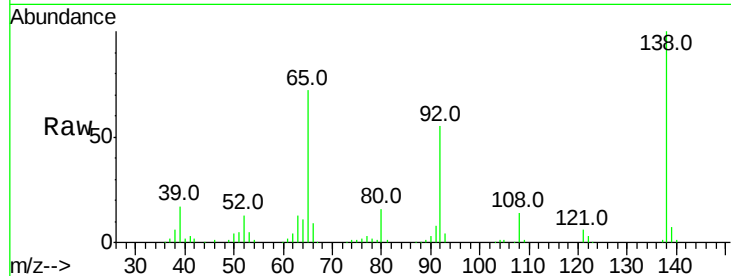
#47
2-Nitroaniline
Concen: 31.176 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.3	55.8	83.6
138	139.2	91.2	136.8

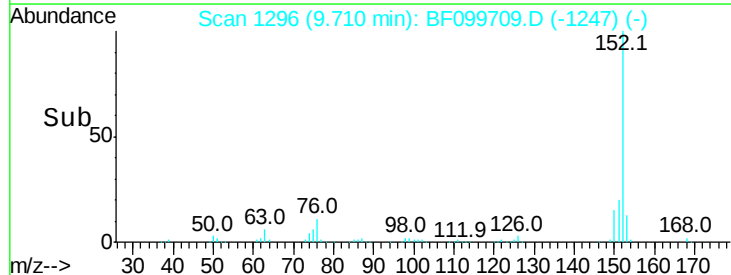
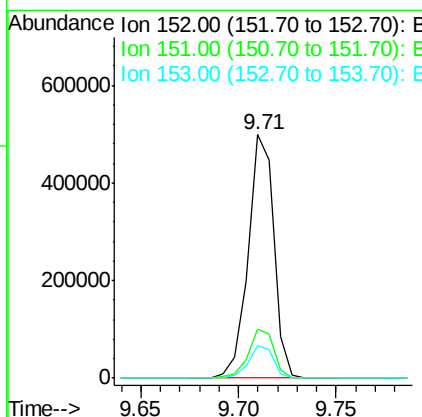
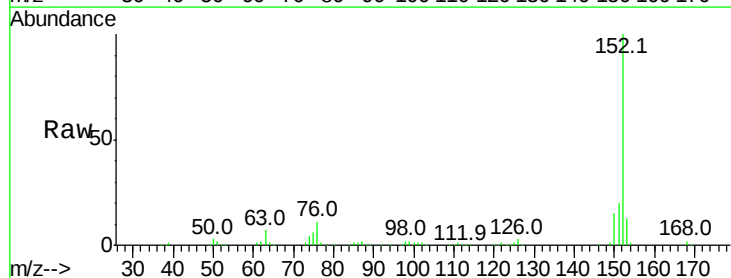
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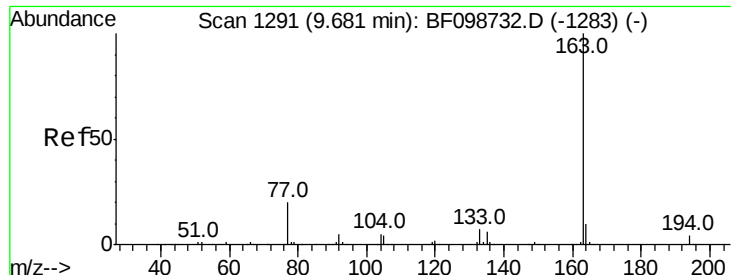
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#48
Acenaphthylene
Concen: 34.121 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.4	10.7	16.1





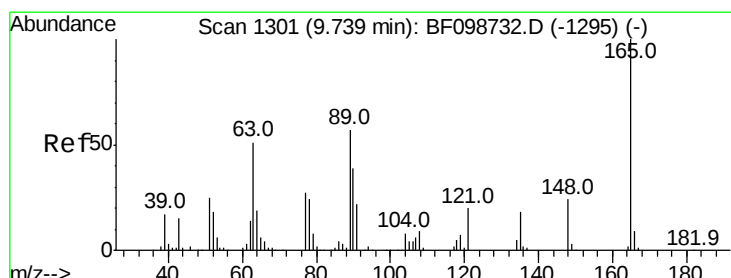
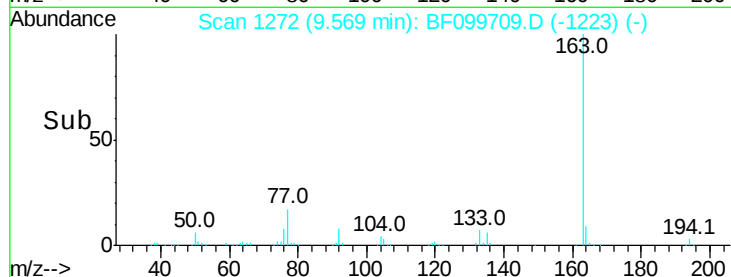
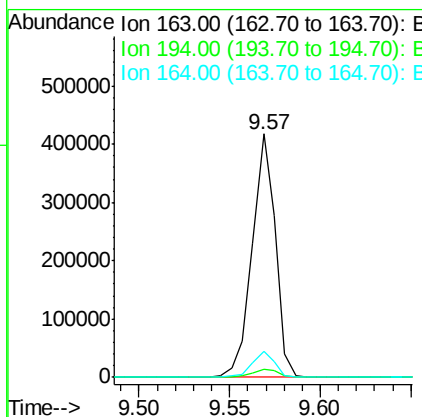
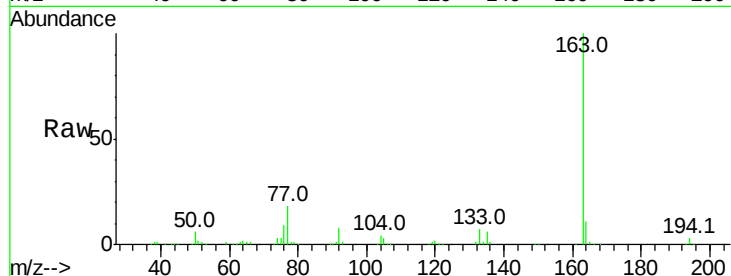
#49
Dimethylphthalate
Concen: 36.373 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleID :
PB103469BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.5	8.2	12.2	

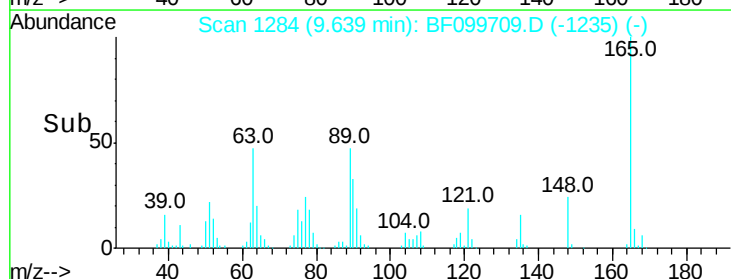
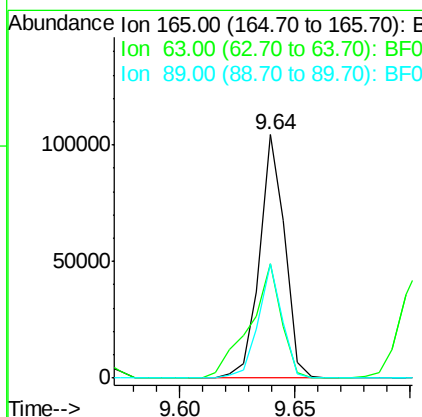
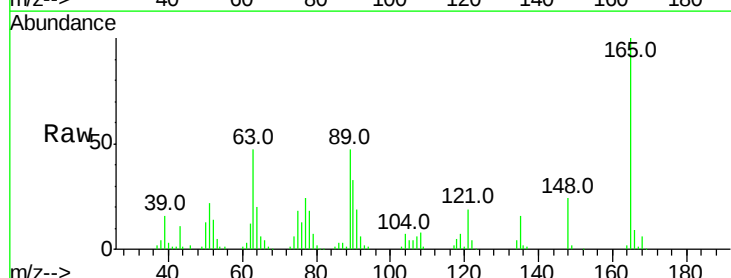
Manual Integrations
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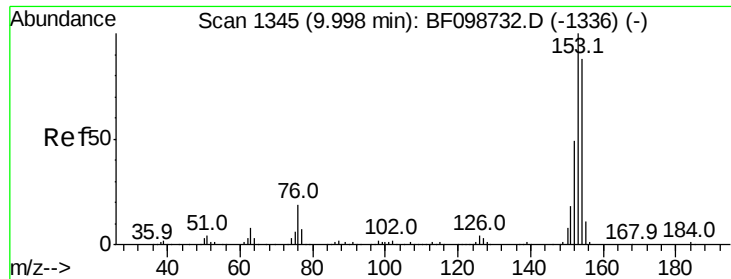
Sohil
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#50
2,6-Dinitrotoluene
Concen: 35.919 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	46.9	44.7	67.1	
89	46.7	44.0	66.0	





#51

Acenaphthene

Concen: 31.628 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Instrument :

BNA_F

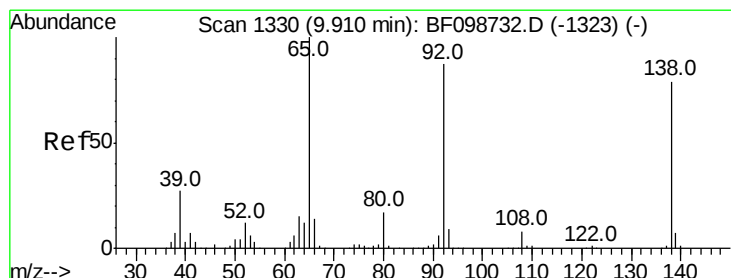
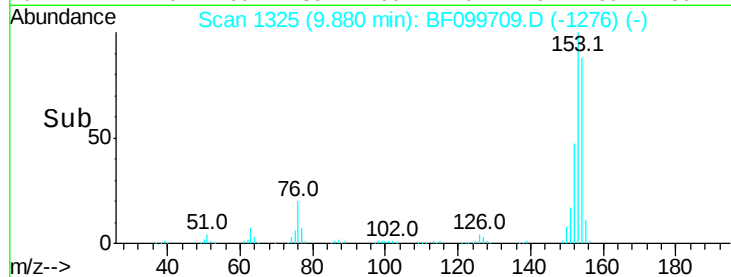
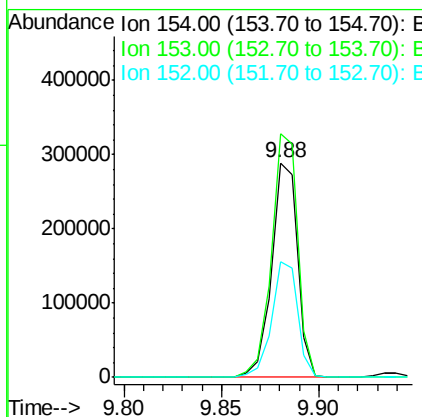
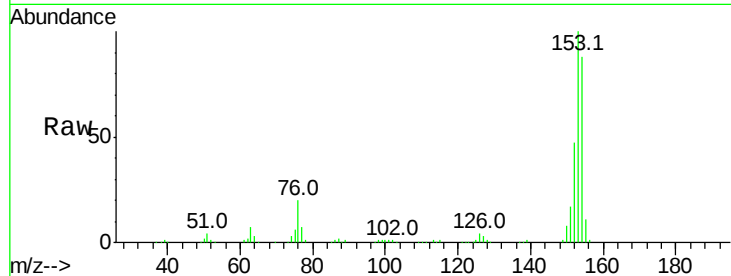
ClientSampleId :

PB103469BS

Tot Ion:	154	Resp:	266630
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.2	136.8
152	53.6	43.8	65.8

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#52

3-Nitroaniline

Concen: 23.709 ng

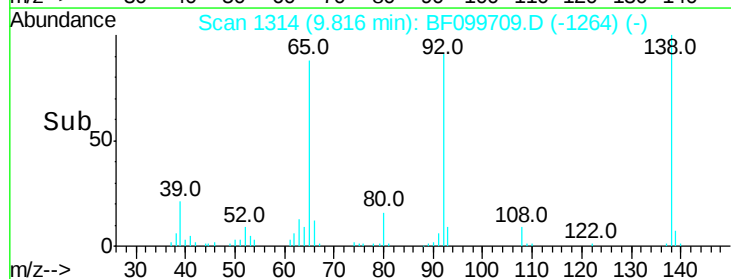
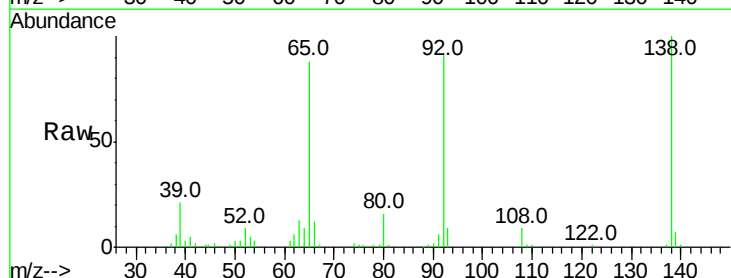
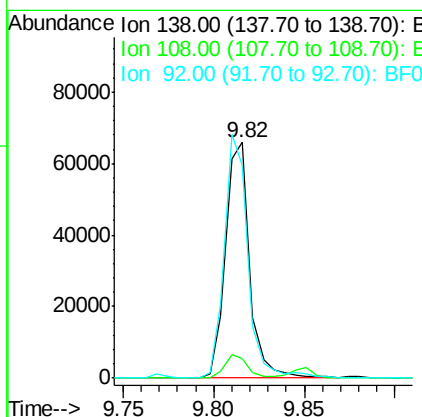
RT: 9.82 min Scan# 1314

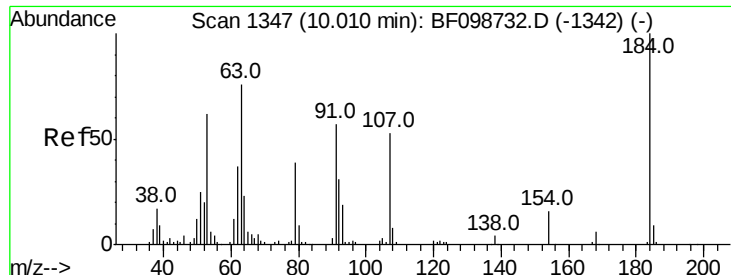
Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Tgt Ion:	138	Resp:	61197
Ion Ratio	Lower	Upper	
138	100		
108	8.5	9.4	14.0#
92	90.5	89.4	134.2





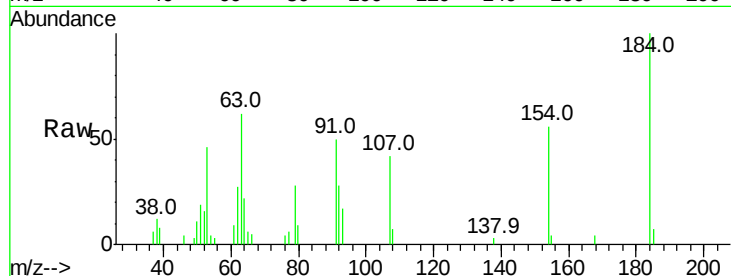
#53
2,4-Dinitrophenol
Concen: 16.054 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

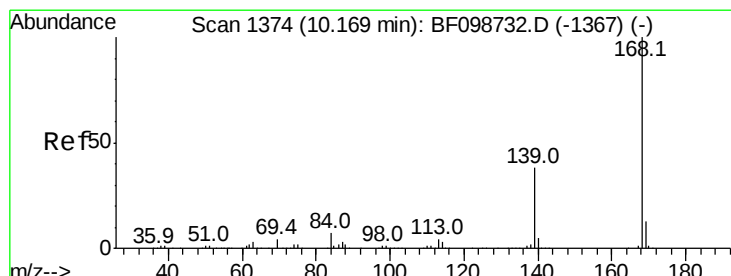
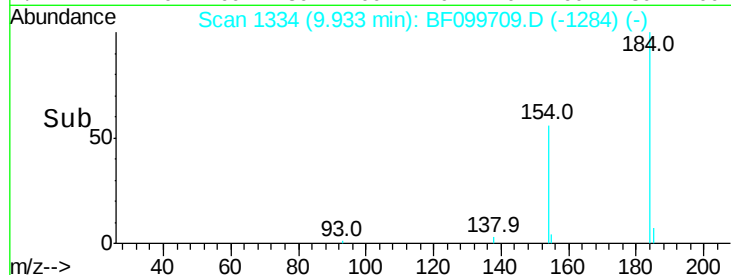
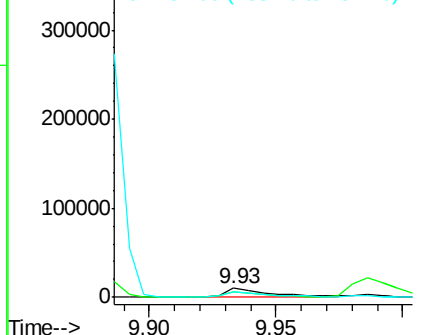
Tot Ion	Ratio	Resp	Lower	Upper
184	100	12711		
63	62.2		54.2	81.2
154	55.6		53.5	80.3

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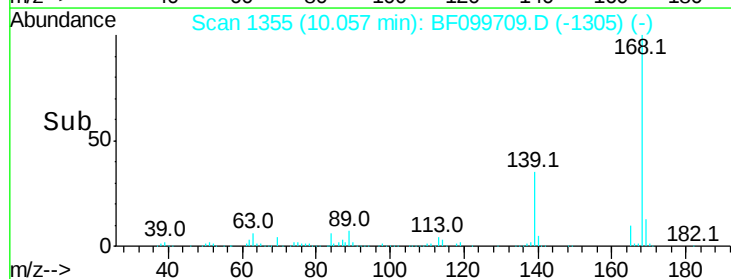
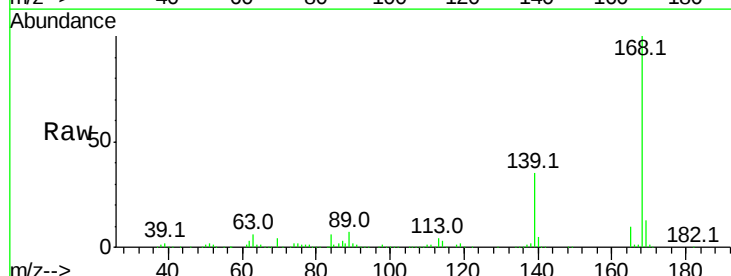
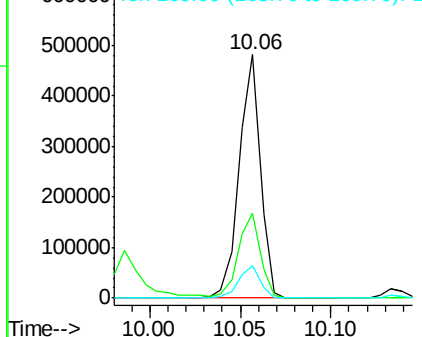
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

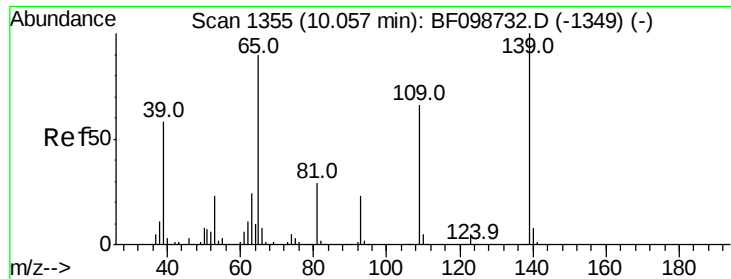


#54
Dibenzofuran
Concen: 34.920 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	391954		
139	35.0		30.1	45.1
169	13.2		10.9	16.3

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





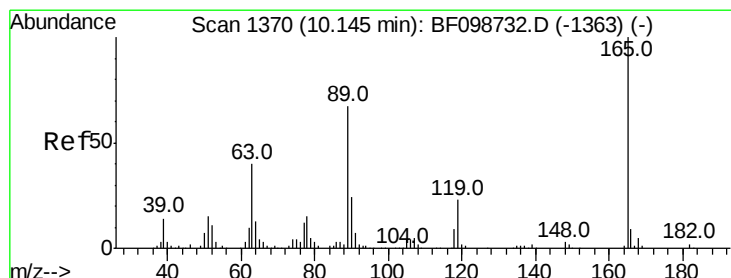
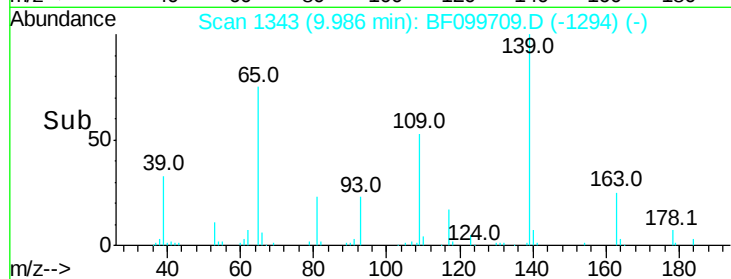
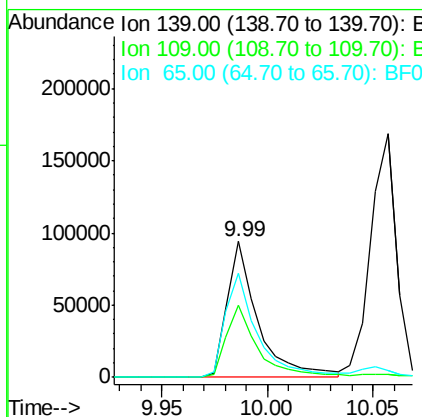
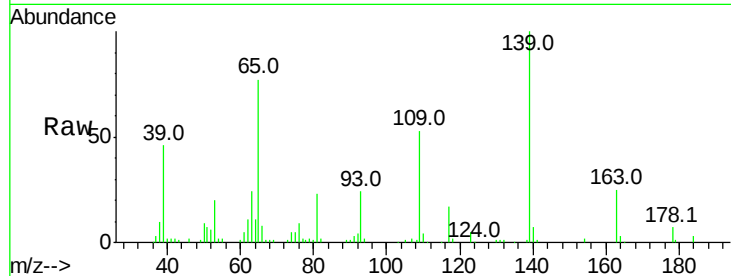
#55
4-Nitrophenol
Concen: 43.546 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	53.4	48.4	88.4
65	76.9	72.6	112.6

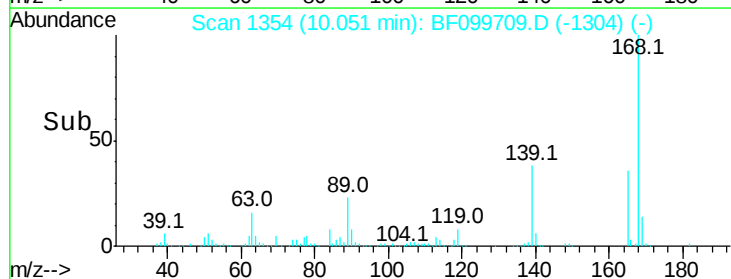
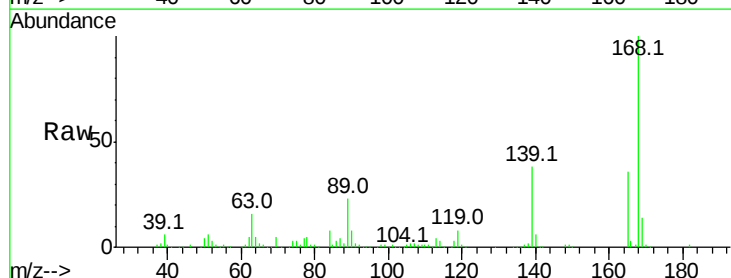
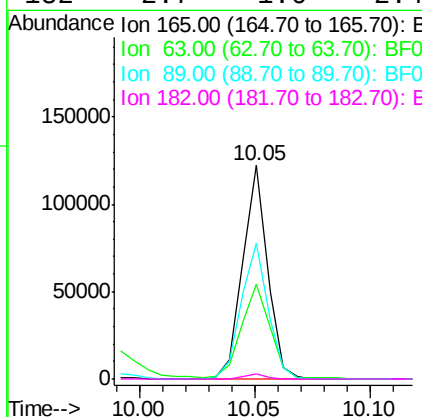
Manual Integrations
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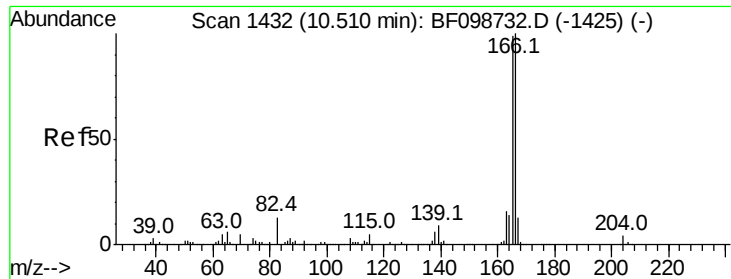
Sohil
10/23/2017 3:26:28 PM



#56
2,4-Dinitrotoluene
Concen: 32.250 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.6	36.4	54.6
89	63.5	57.8	86.6
182	2.7	1.6	2.4#





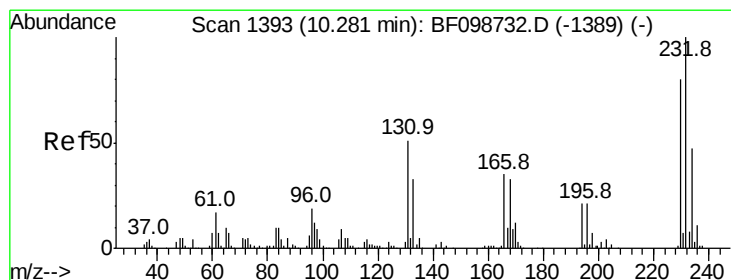
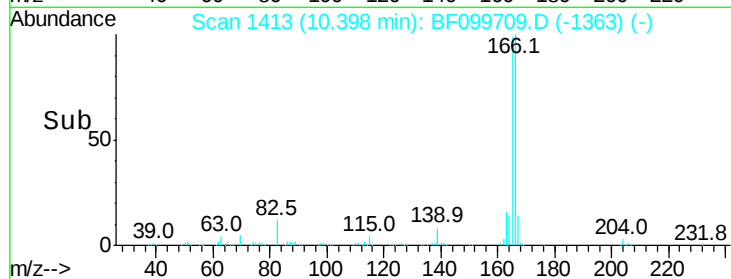
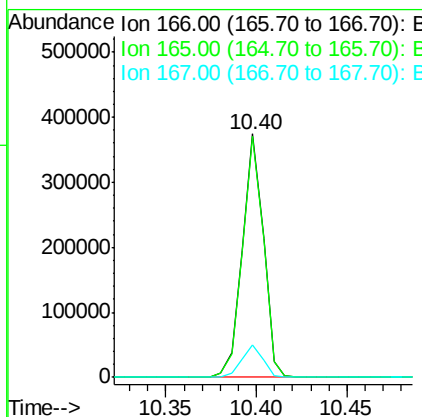
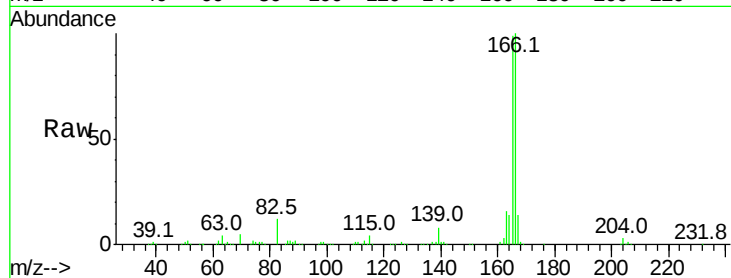
#57
 Fluorene
 Concen: 33.521 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Instrument :
 BNA_F
 ClientSampleID :
 PB103469BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.5	10.6	16.0

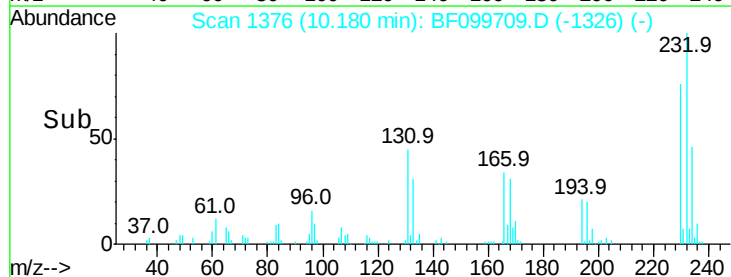
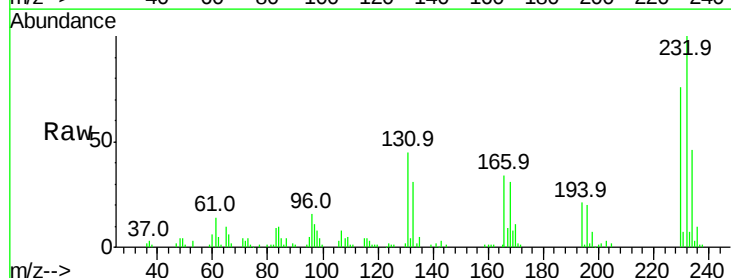
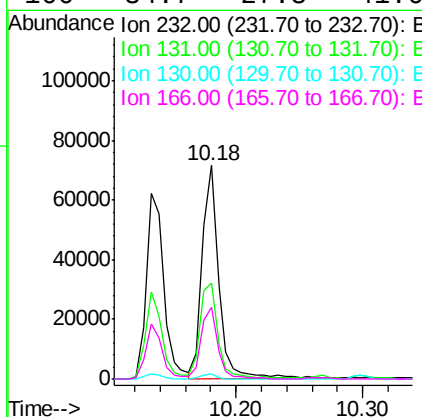
Manual Integrations
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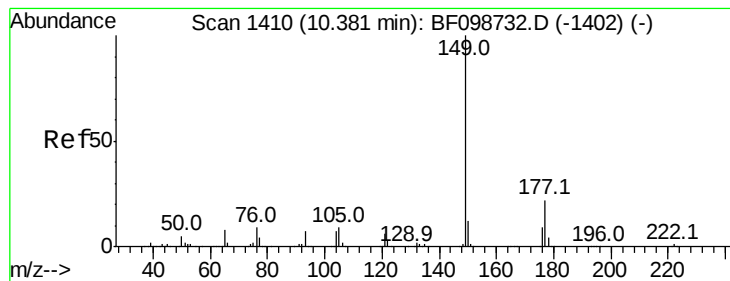
Sohil
 10/23/2017 3:26:28 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 32.800 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.1	43.8	65.8
130	2.2	2.1	3.1
166	34.7	27.8	41.6





#59

Diethylphthalate

Concen: 34.163 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Instrument :

BNA_F

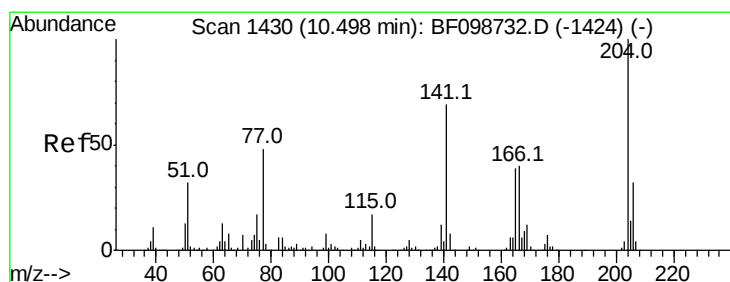
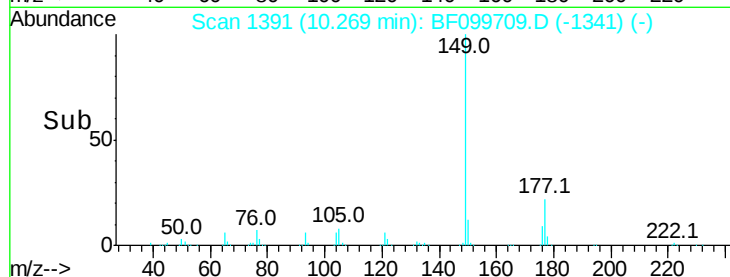
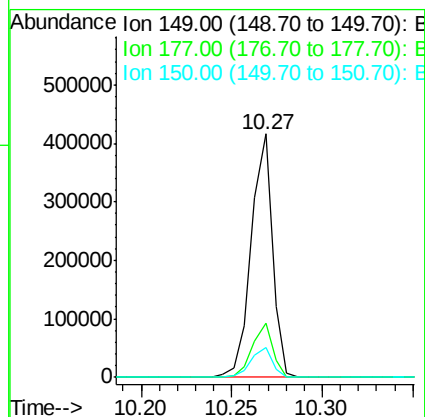
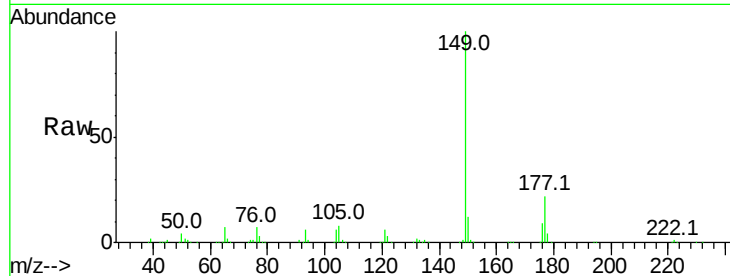
ClientSampleId :

PB103469BS

Tot Ion:	149	Resp:	339435
Ion Ratio	Lower	Upper	
149	100		
177	22.3	16.1	24.1
150	12.1	10.1	15.1

Manual Integrations
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Sohil
10/23/2017 3:26:28 PM



#60

4-Chlorophenyl-phenylether

Concen: 35.130 ng

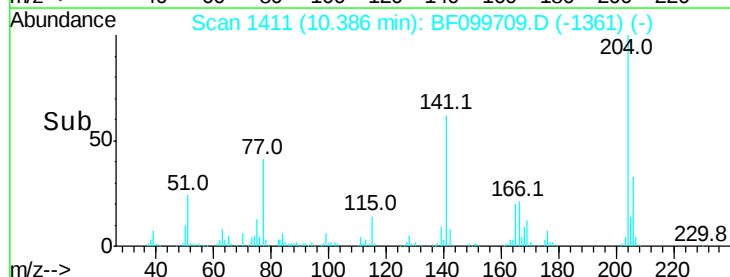
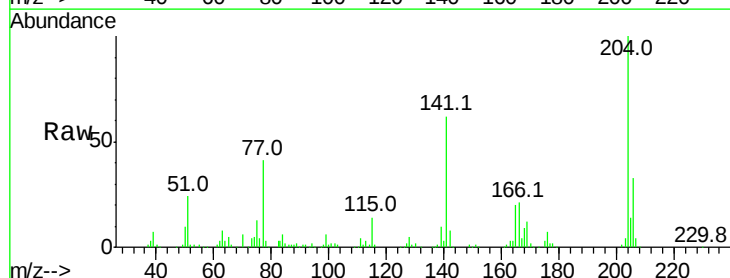
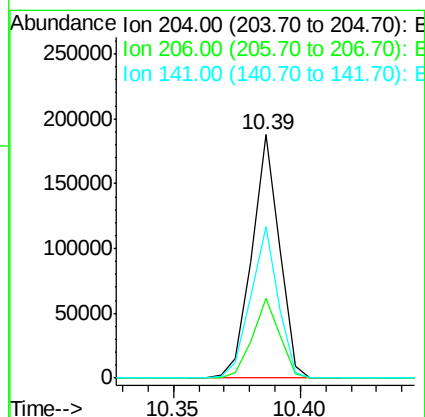
RT: 10.39 min Scan# 1411

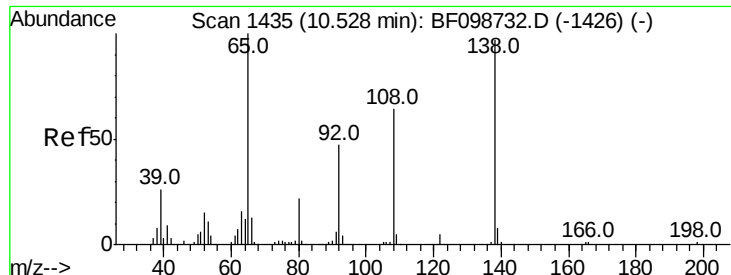
Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Tgt Ion:	204	Resp:	142366
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.5	39.7
141	62.3	54.6	81.8





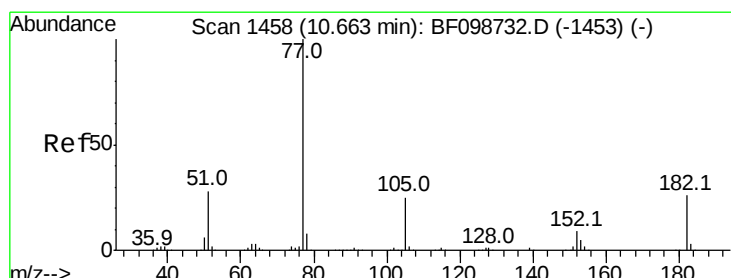
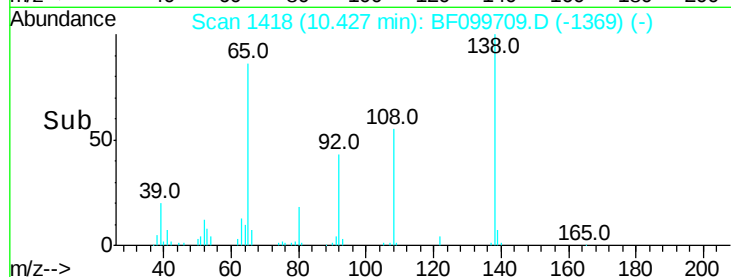
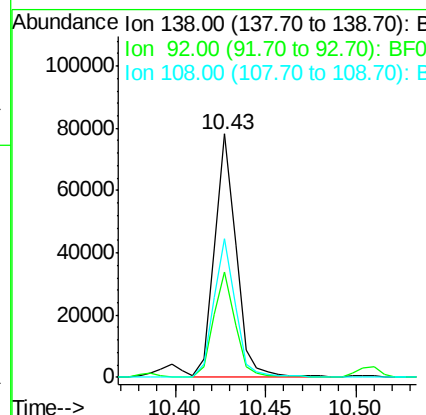
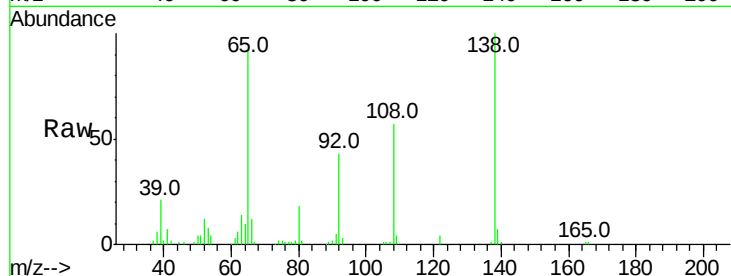
#61
4-Nitroaniline
Concen: 26.146 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampled :
PB103469BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	65109		
92	43.4	30.2	70.2	
108	56.9	52.5	92.5	

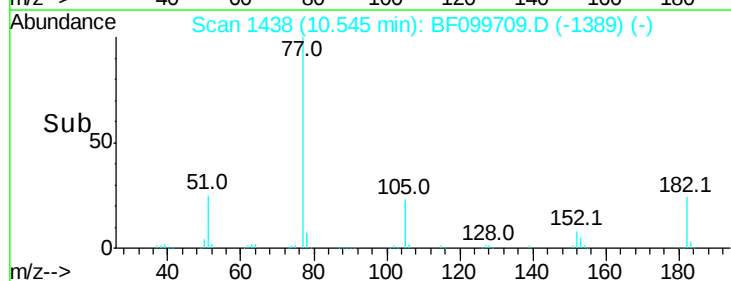
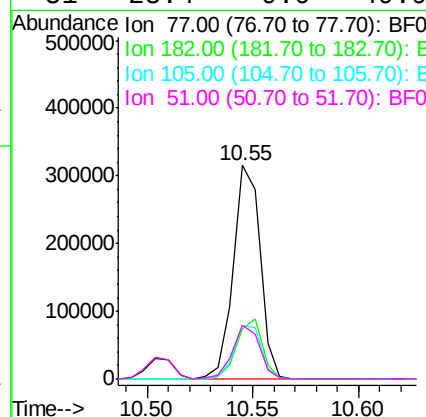
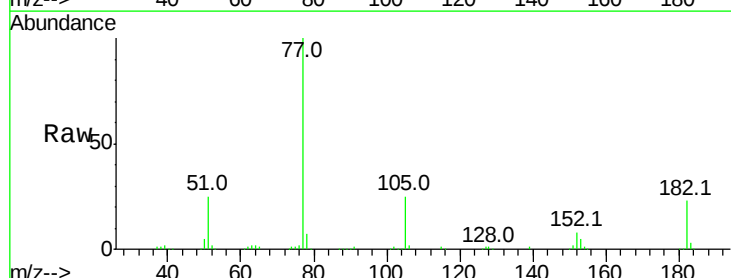
Manual Integrations
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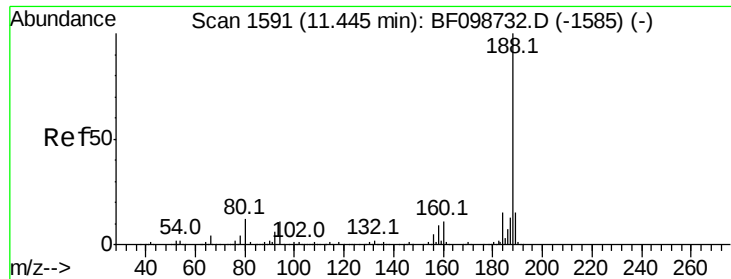
Sohil
10/23/2017 3:26:28 PM



#62
Azobenzene
Concen: 30.182 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	275734		
182	23.4	1.7	41.7	
105	24.9	3.0	43.0	
51	25.4	9.9	49.9	





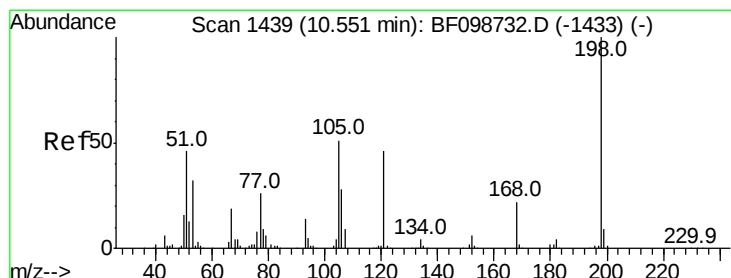
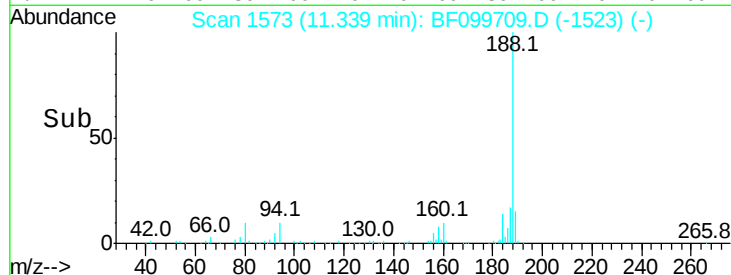
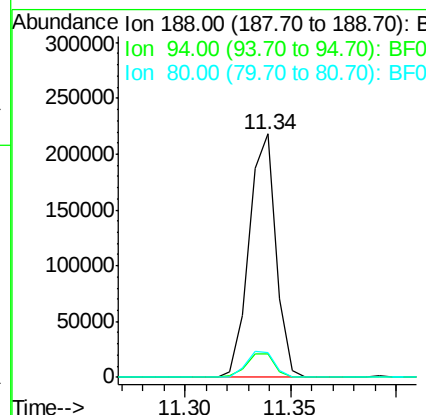
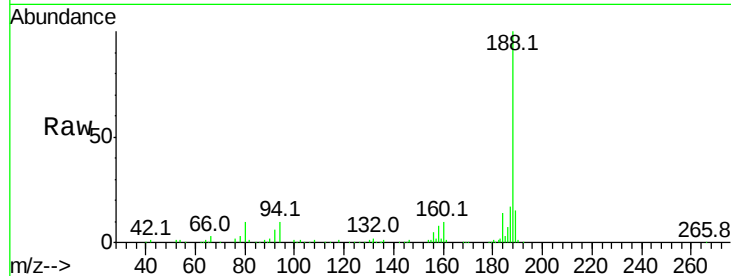
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampled :
PB103469BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	192228		
94	9.8		8.5	12.7
80	10.0		9.2	13.8

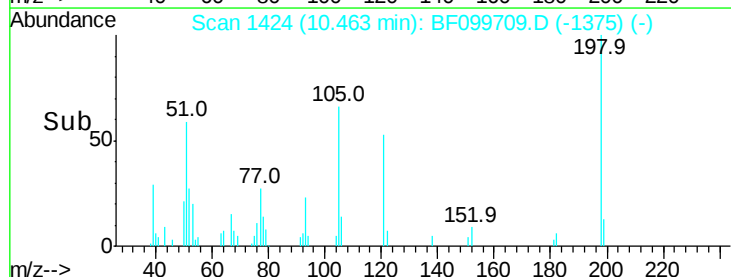
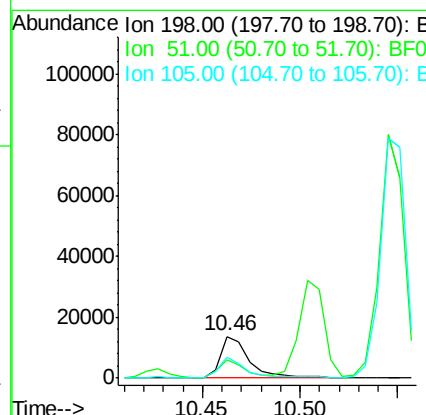
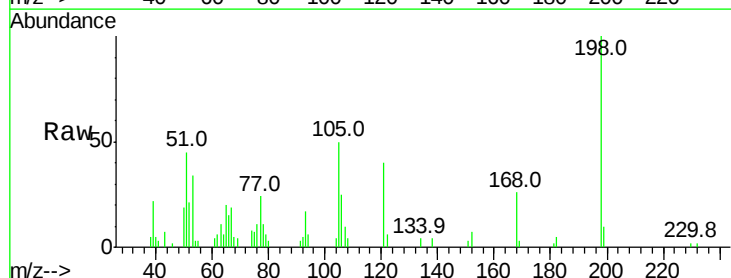
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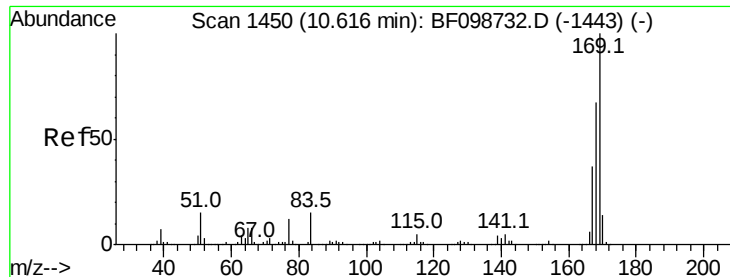
Sohil
10/23/2017 3:26:28 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 11.933 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	13957		
51	45.1		37.7	77.7
105	49.9		36.3	76.3





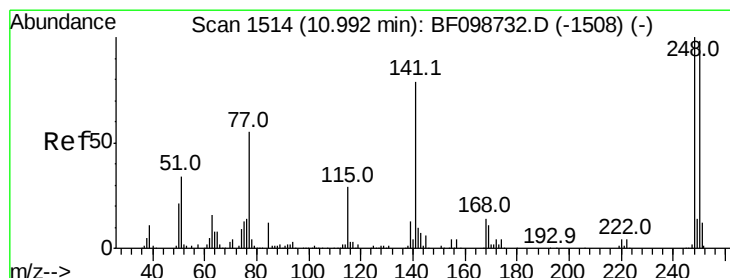
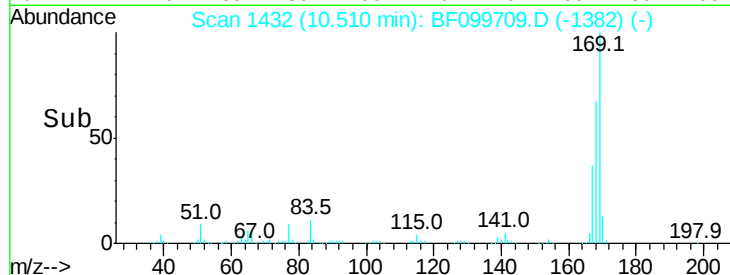
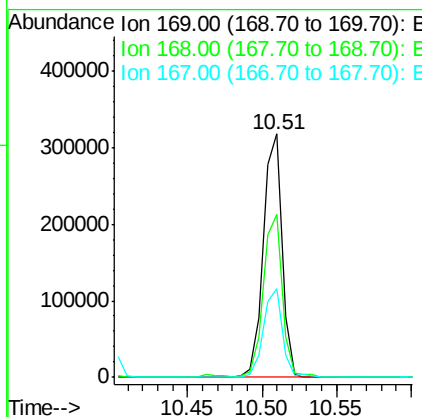
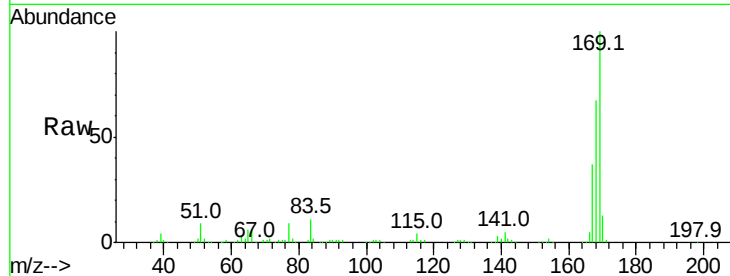
#65
n-Nitrosodiphenylamine
Concen: 40.987 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	272950		
168	67.0		54.4	81.6
167	36.6		29.8	44.6

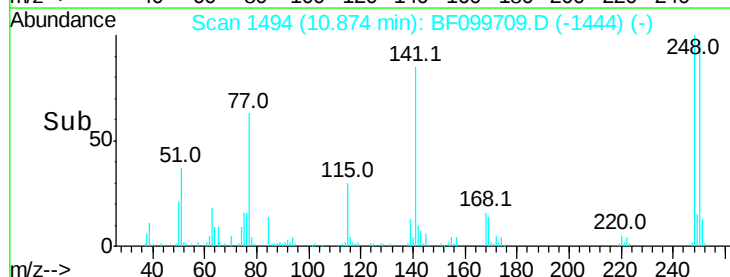
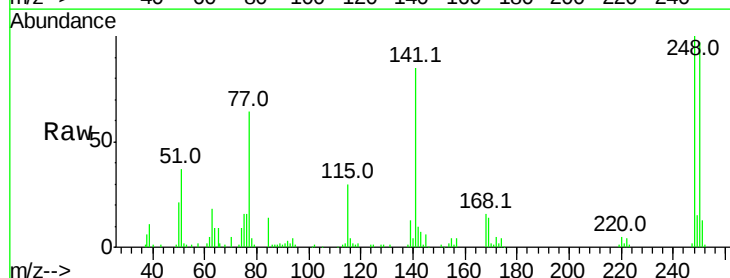
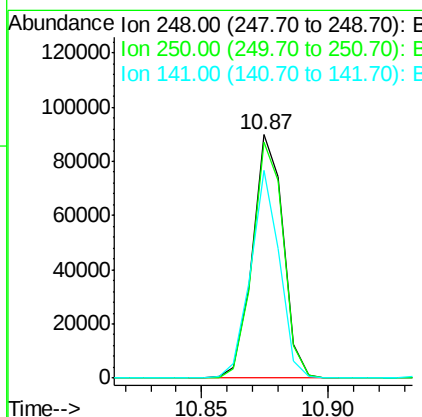
Manual Integrations
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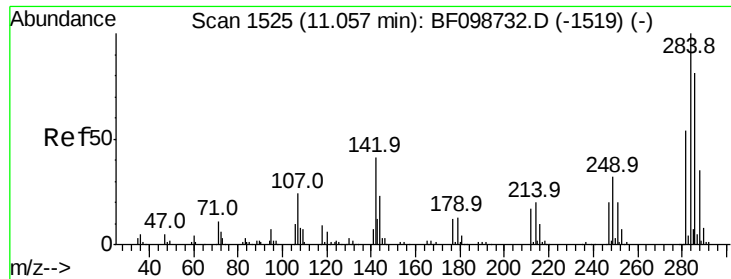
Sohil
10/23/2017 3:26:28 PM



#66
4-Bromophenyl-phenylether
Concen: 40.372 ng
RT: 10.87 min Scan# 1494
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	75963		
250	97.0		76.9	115.3
141	85.2		74.4	111.6





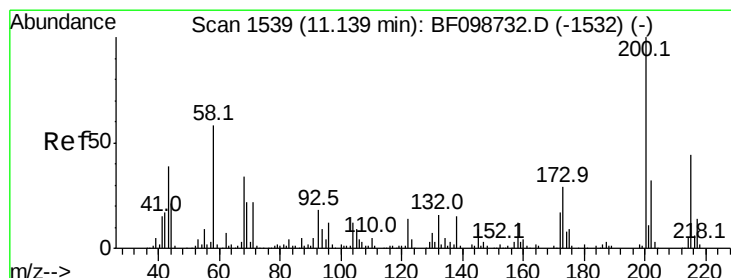
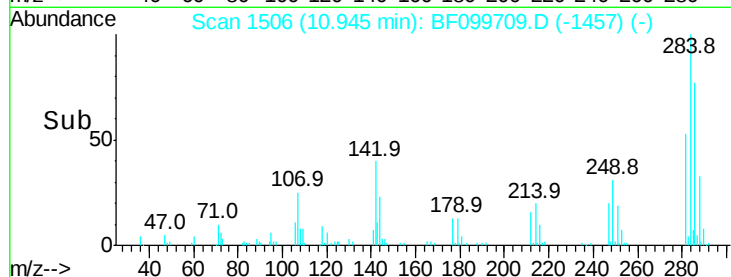
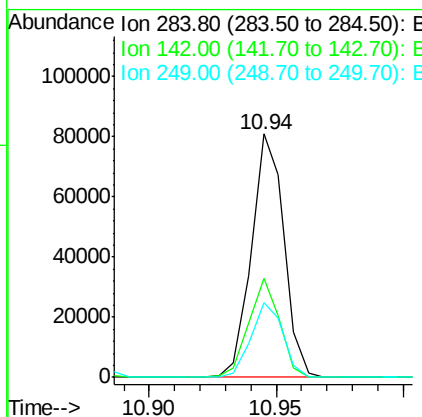
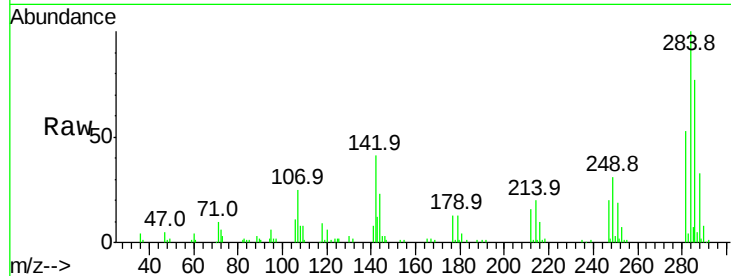
#67
Hexachlorobenzene
Concen: 35.756 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampled :
PB103469BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	40.8	34.6	52.0	
249	30.5	24.8	37.2	

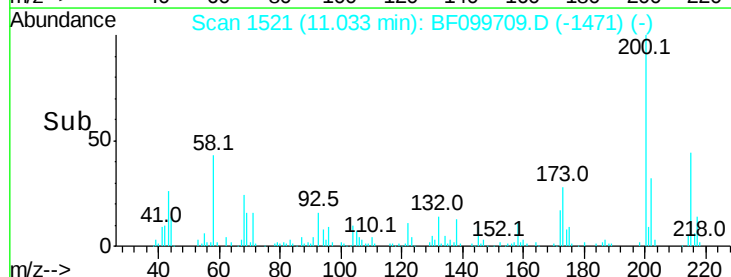
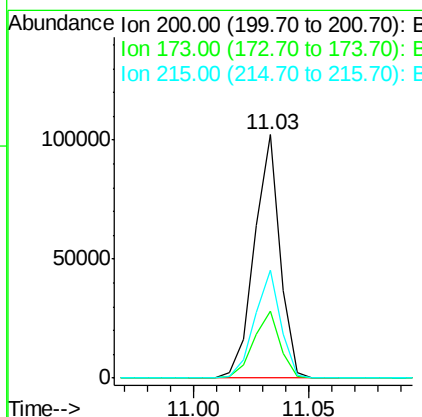
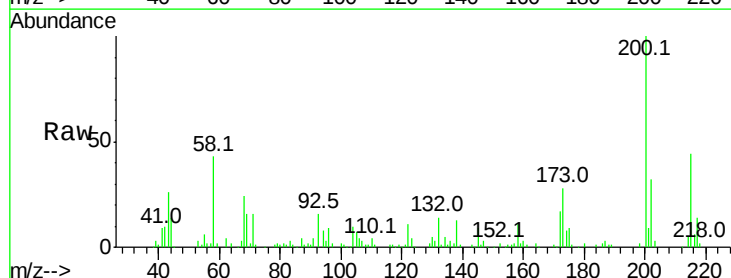
Manual Integrations
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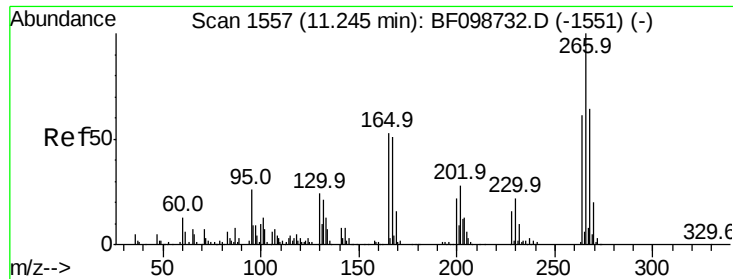
Sohil
10/23/2017 3:26:28 PM



#68
Atrazine
Concen: 39.612 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.6	8.6	48.6	
215	44.4	25.1	65.1	





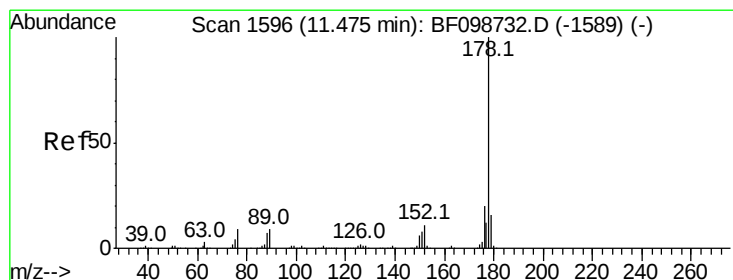
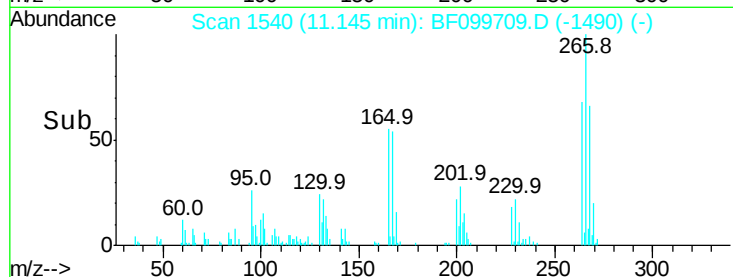
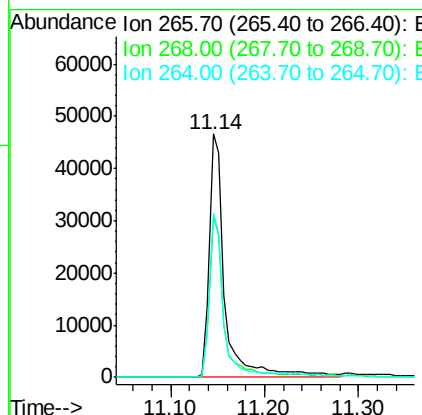
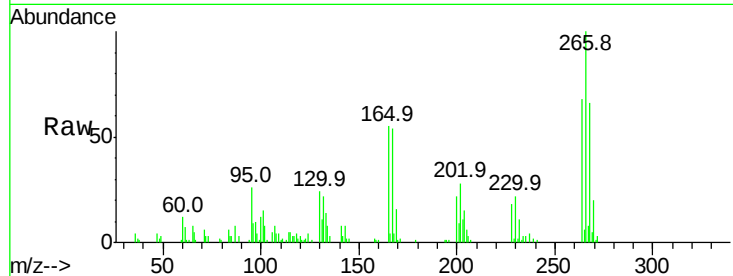
#69
 Pentachlorophenol
 Concen: 43.547 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Instrument :
 BNA_F
 ClientSampleId :
 PB103469BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	51.1	76.7
264	67.6	49.5	74.3

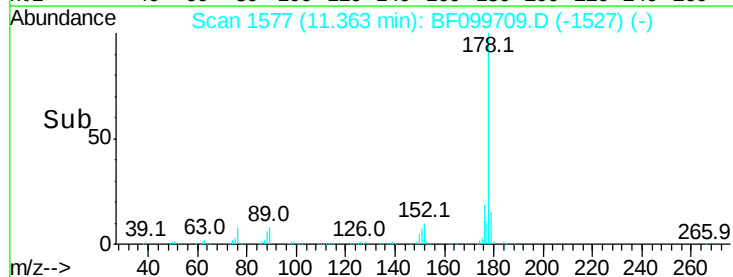
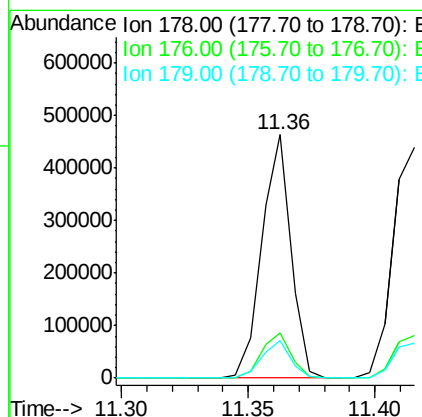
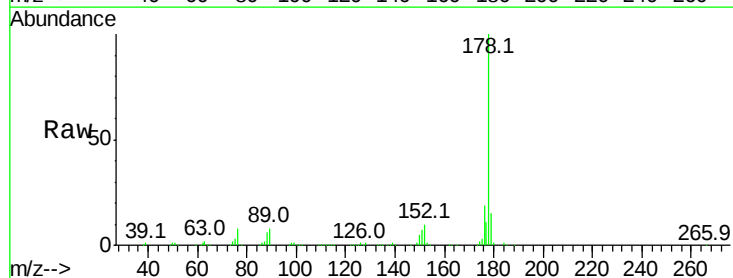
Manual Integrations
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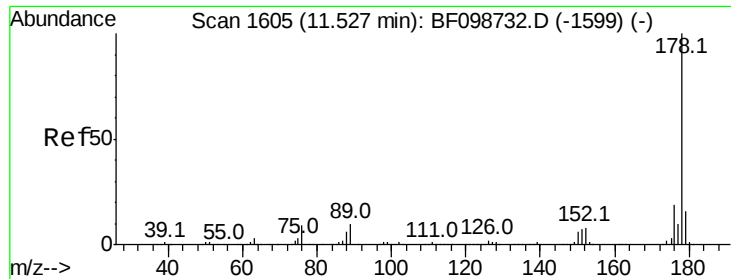
Sohil
 10/23/2017 3:26:28 PM



#70
 Phenanthrene
 Concen: 36.148 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	15.2	13.0	19.6





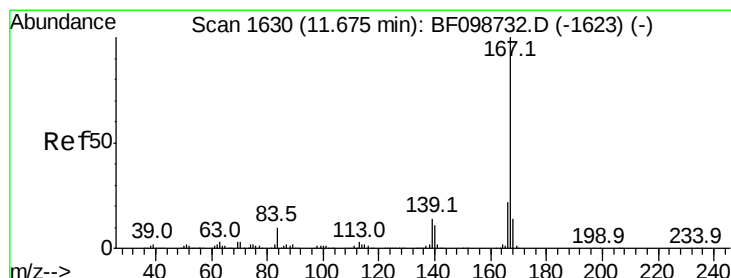
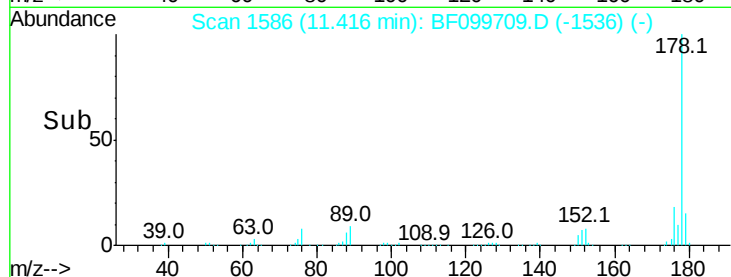
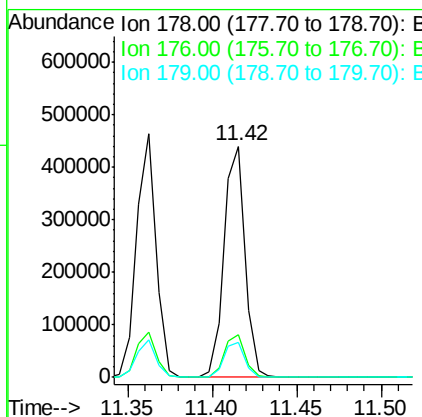
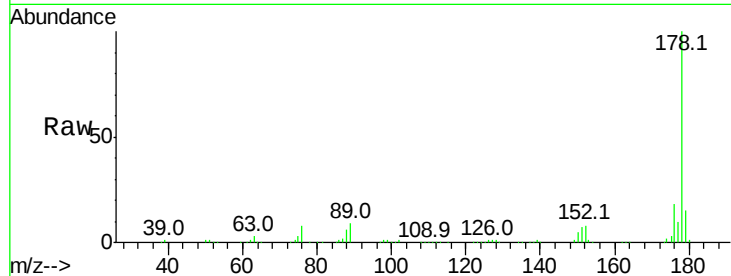
#71
 Anthracene
 Concen: 36.116 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Instrument :
 BNA_F
 ClientSampleId :
 PB103469BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	14.9	12.6	19.0

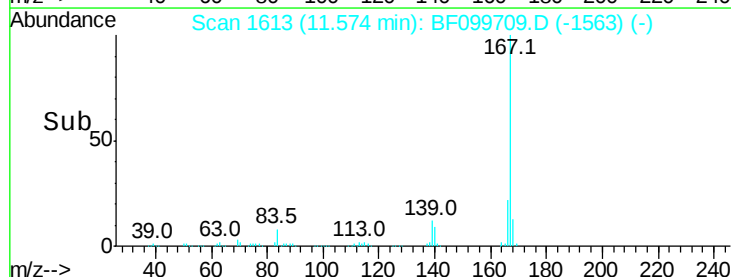
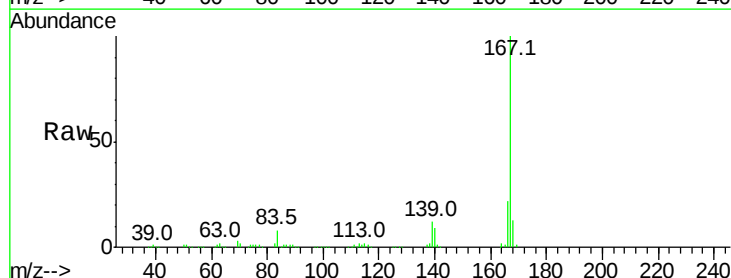
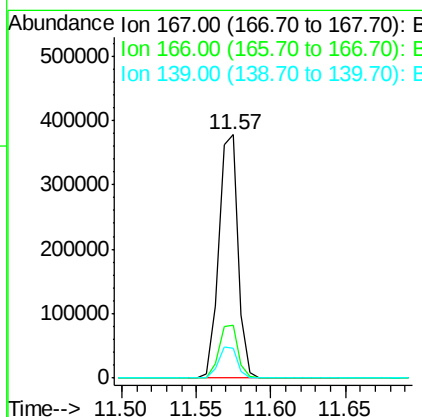
Manual Integrations
 APPROVED

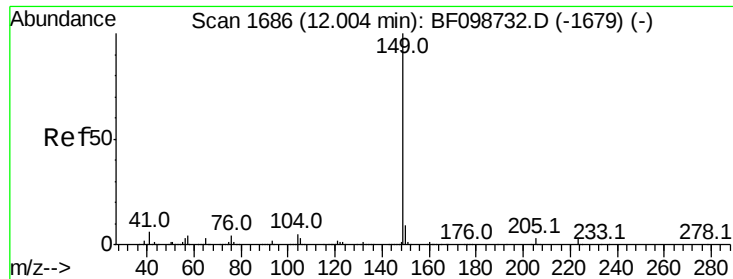
Sohil
 10/23/2017 3:26:28 PM



#72
 Carbazole
 Concen: 33.297 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.2	10.9	16.3





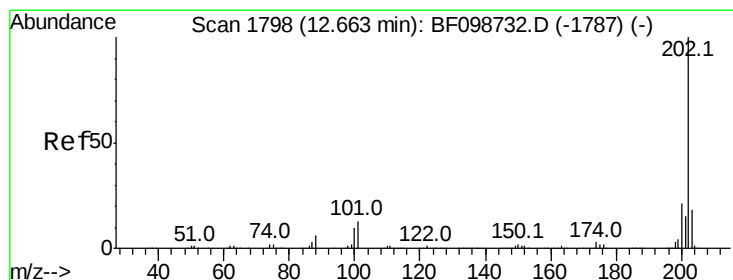
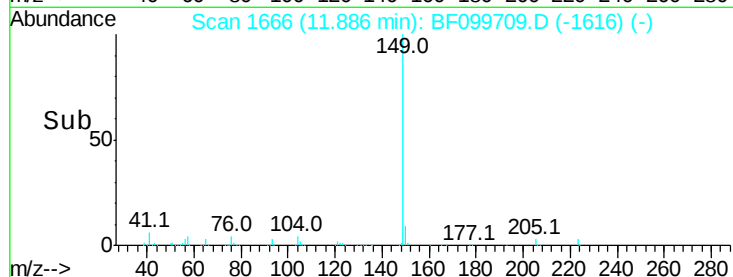
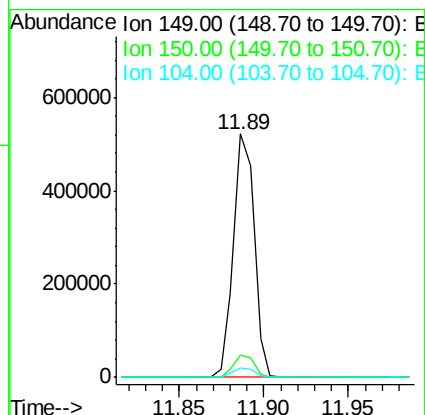
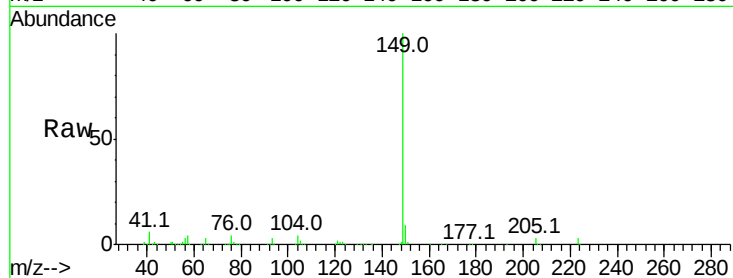
#73
Di-n-butylphthalate
Concen: 35.908 ng
RT: 11.89 min Scan# 1666
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.8	11.6	
104	4.0	3.8	5.8	

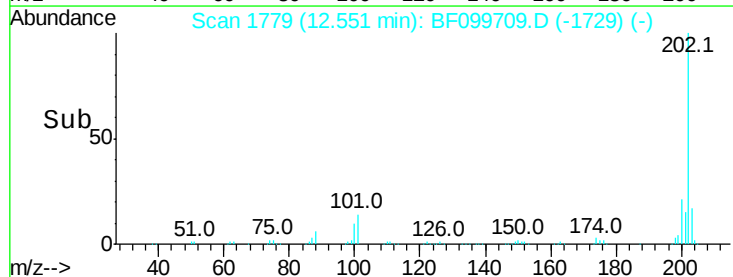
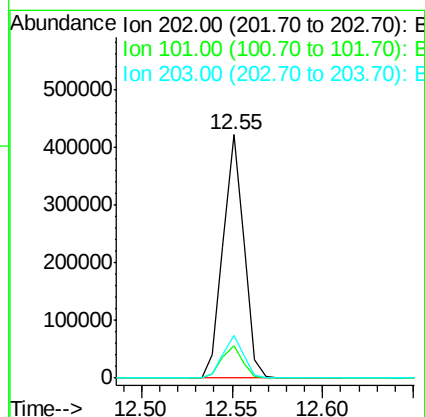
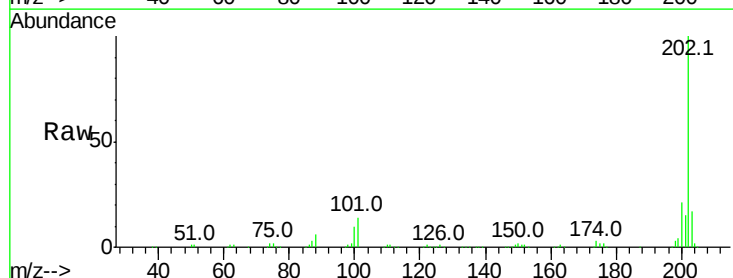
Manual Integrations
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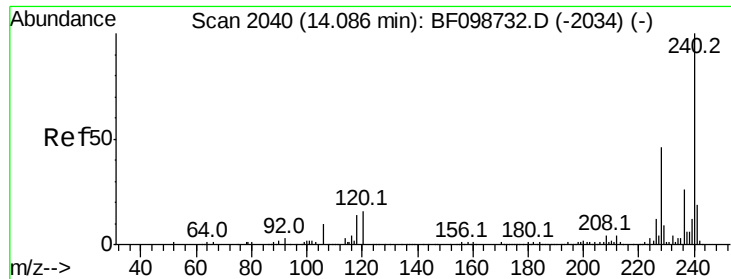
Sohil
10/23/2017 3:26:28 PM



#74
Fluoranthene
Concen: 32.699 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.5	0.0	34.1	
203	17.4	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Instrument :

BNA_F

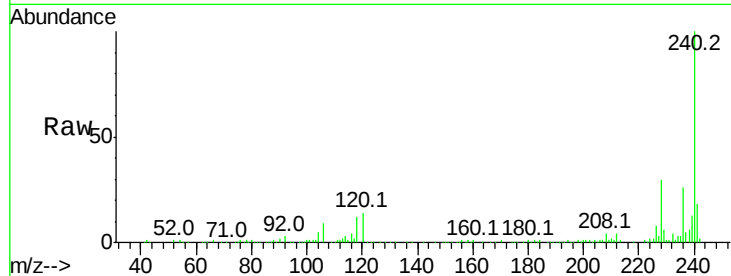
ClientSampleId :

PB103469BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	148452		
120	14.0	9.5	14.3	
236	25.7	20.7	31.1	

Manual Integrations
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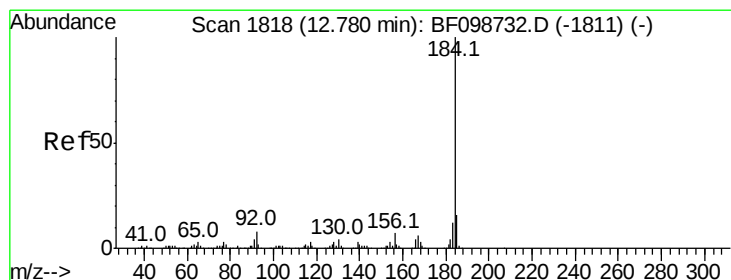
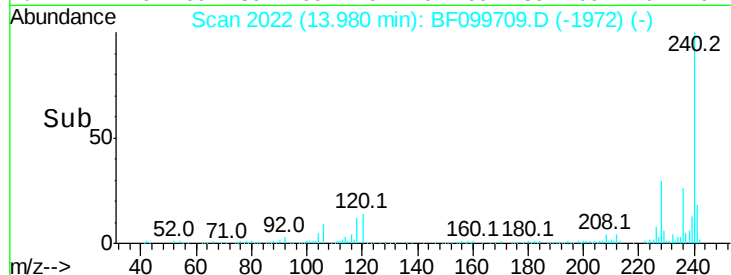
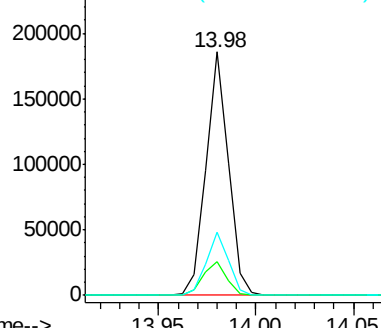
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 43.505 ng

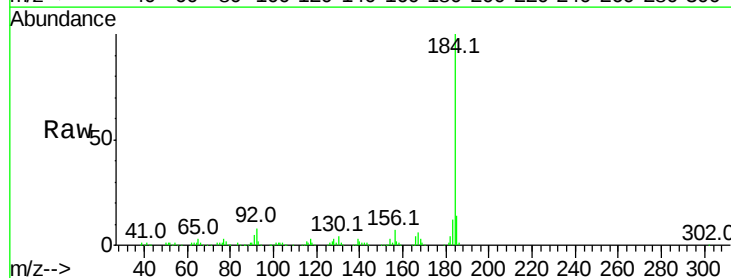
RT: 12.67 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

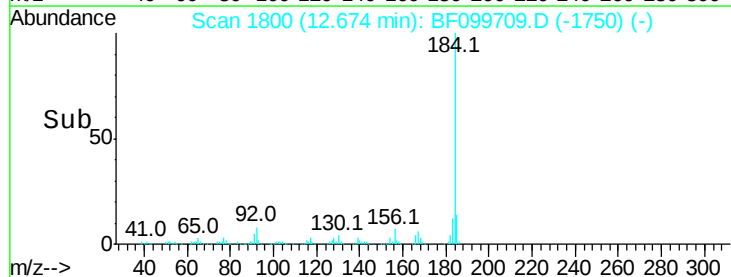
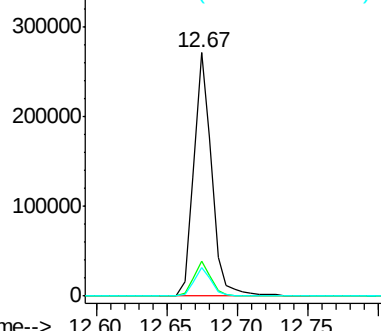
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	238873		
185	14.2	12.6	18.8	
183	11.8	9.3	13.9	

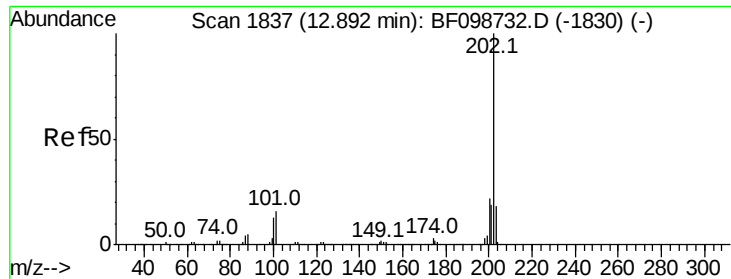


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.018 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

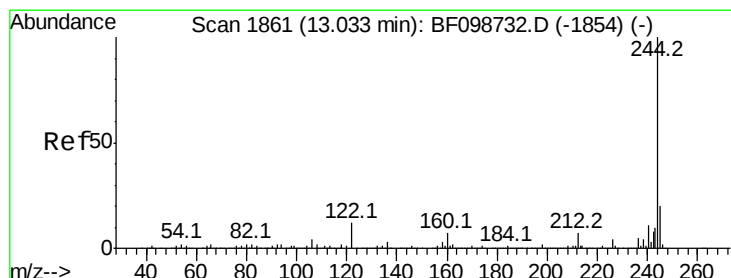
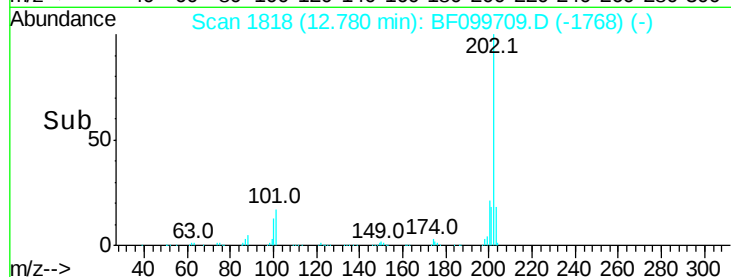
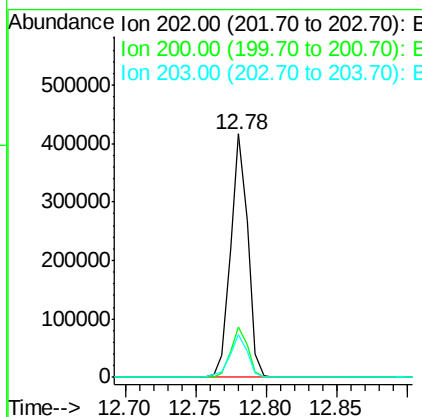
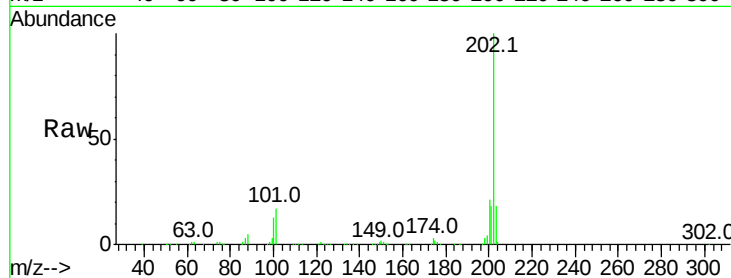
Instrument :
BNA_F

ClientSampled :
PB103469BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.8	17.4	26.2
203	17.5	14.3	21.5

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#78

Terphenyl-d14

Concen: 70.341 ng

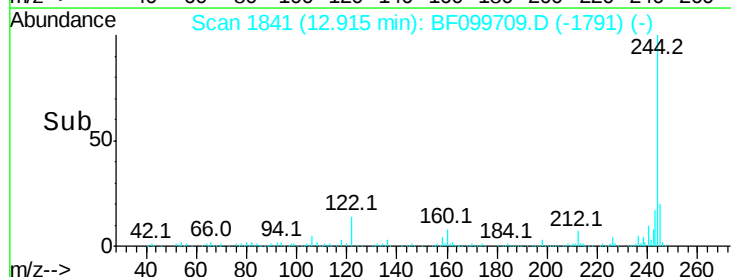
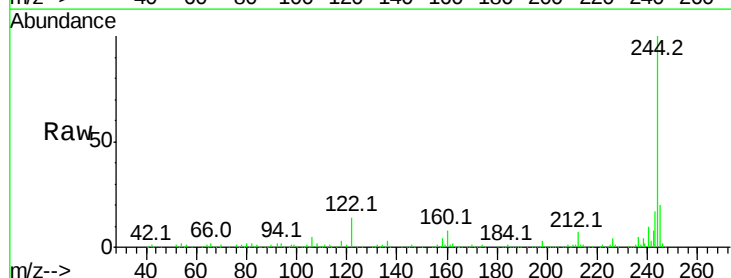
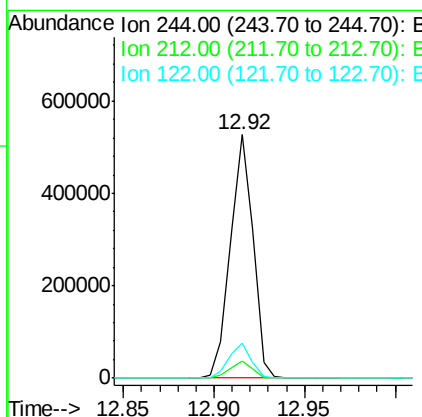
RT: 12.92 min Scan# 1841

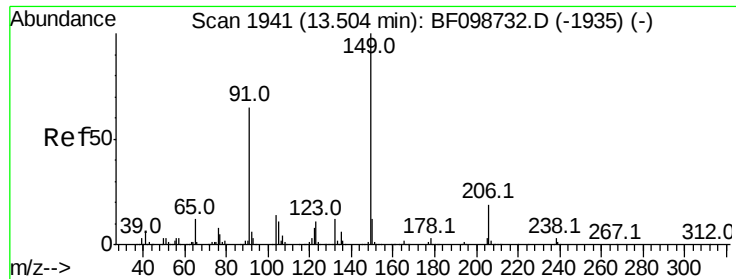
Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.0	5.4	8.0
122	14.3	11.0	16.4





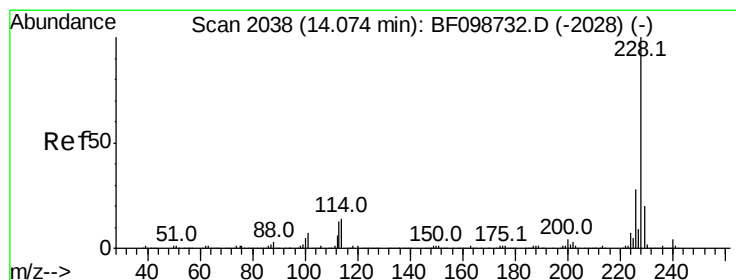
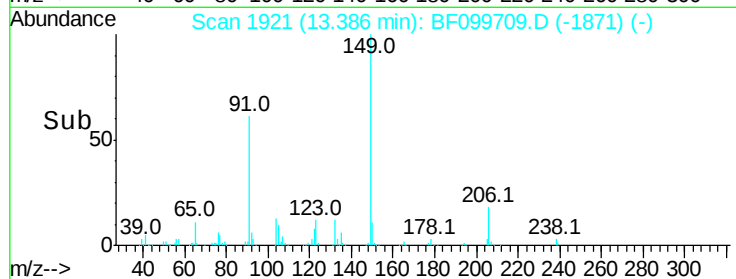
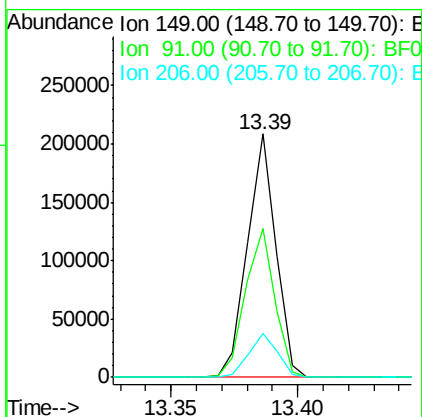
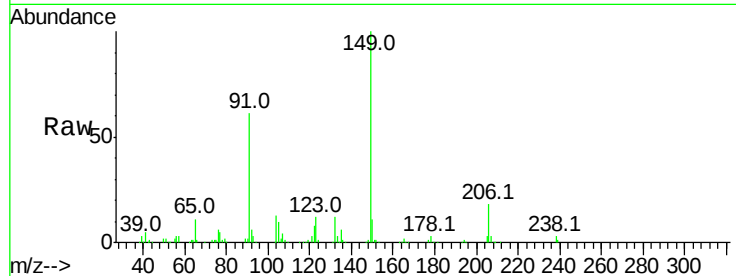
#79
Butylbenzylphthalate
Concen: 30.645 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	163034		
91	61.1	56.8	85.2	
206	18.2	14.1	21.1	

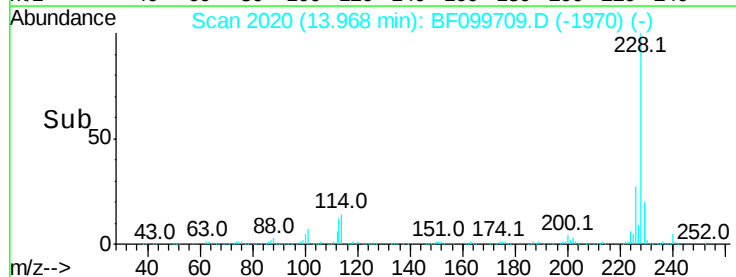
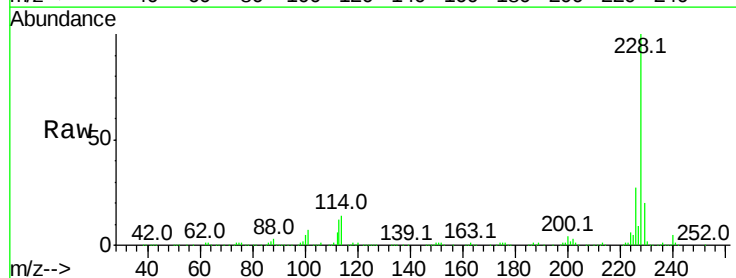
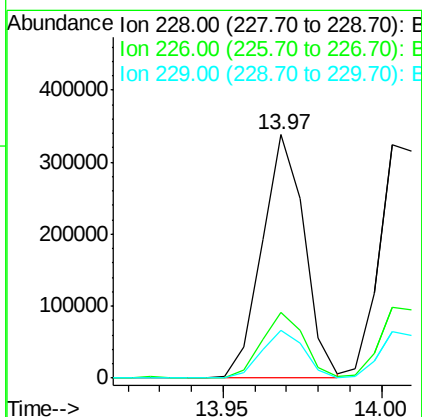
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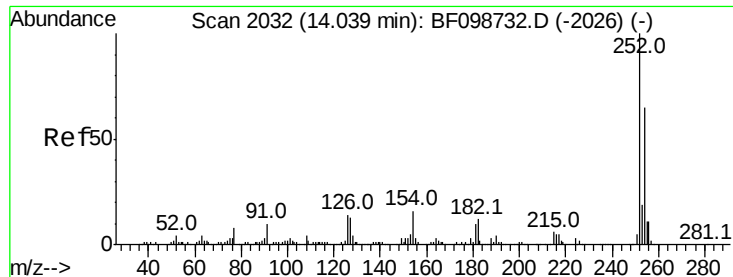
Sohil
10/23/2017 3:26:28 PM



#80
Benzo(a)anthracene
Concen: 34.819 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	312997		
226	27.2	22.6	33.8	
229	19.7	15.8	23.6	





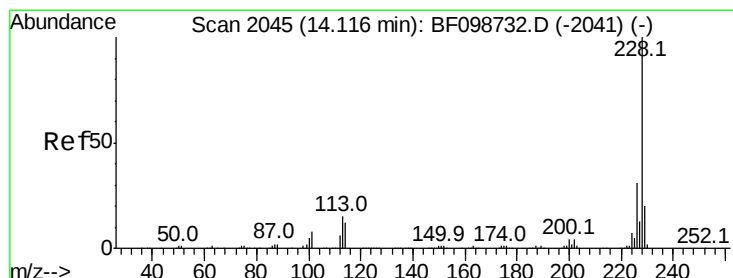
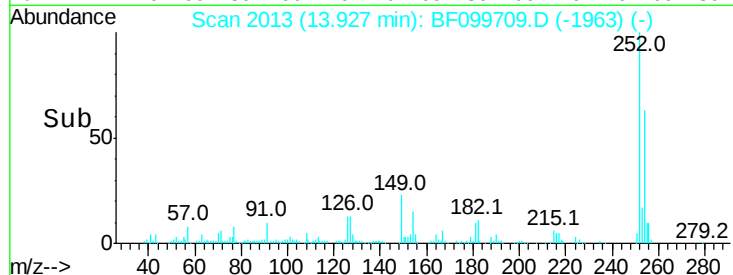
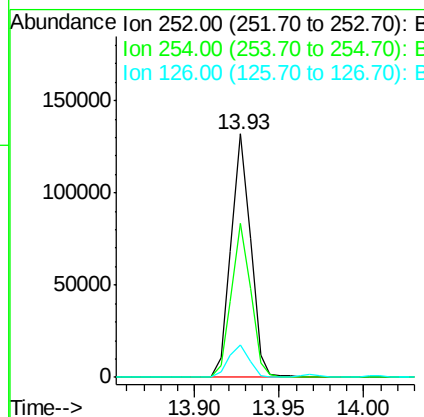
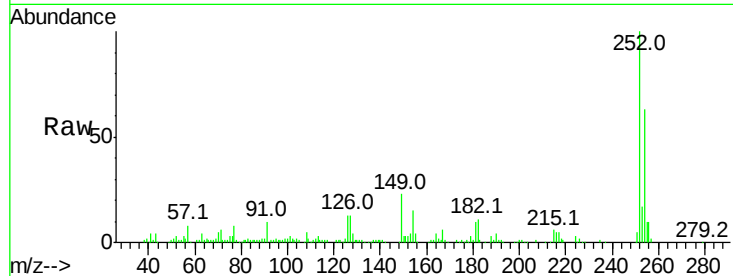
#81
 3,3'-Dichlorobenzidine
 Concen: 32.530 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Instrument :
 BNA_F
 ClientSampleId :
 PB103469BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.1	50.4	75.6
126	13.2	11.3	16.9

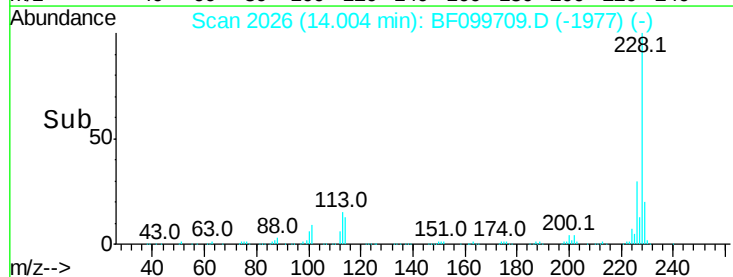
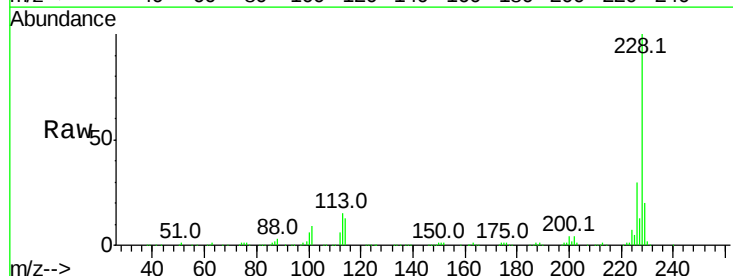
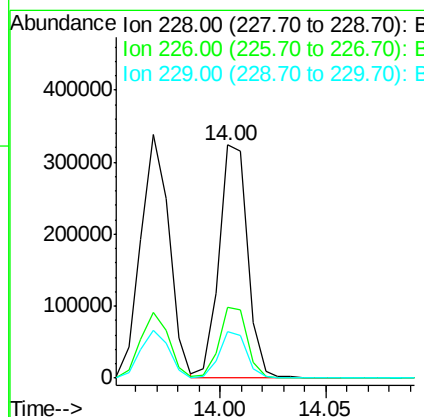
Manual Integrations
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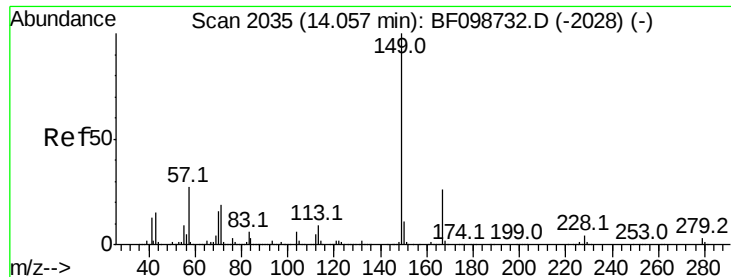
Sohil
 10/23/2017 3:26:28 PM



#82
 Chrysene
 Concen: 35.469 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	25.0	37.6
229	19.8	16.2	24.4





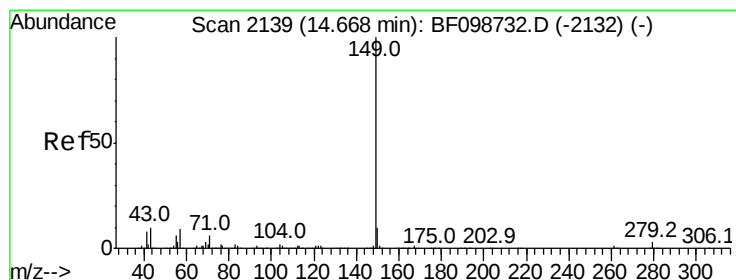
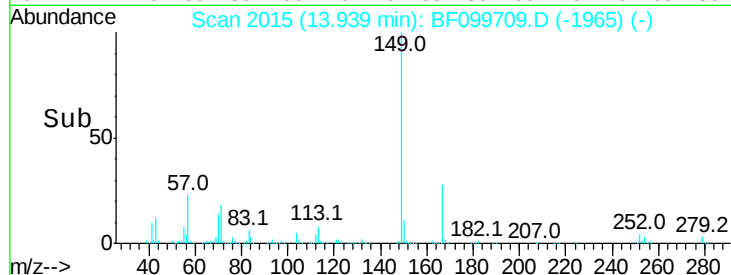
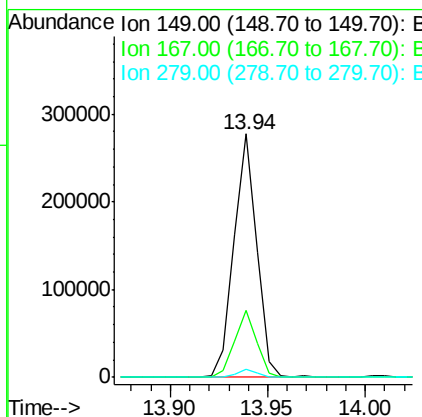
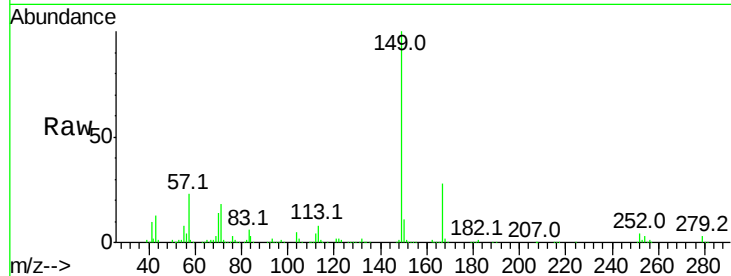
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.717 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Instrument :
 BNA_F
 ClientSampleId :
 PB103469BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	27.6	21.3	31.9
279	3.2	3.0	4.4

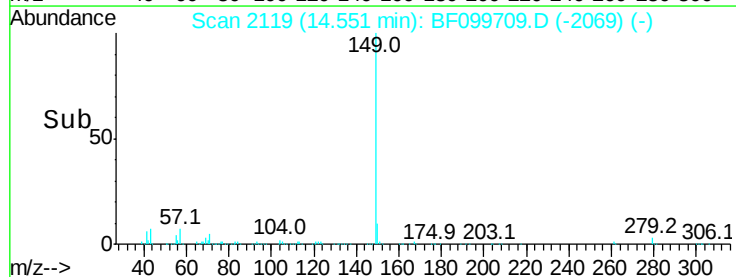
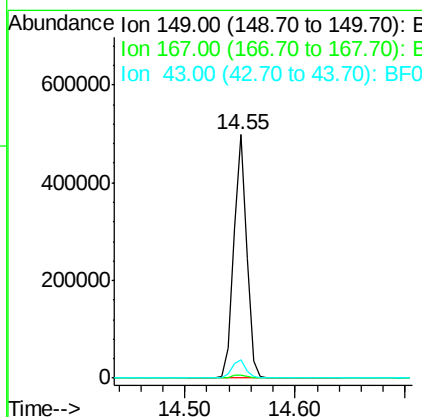
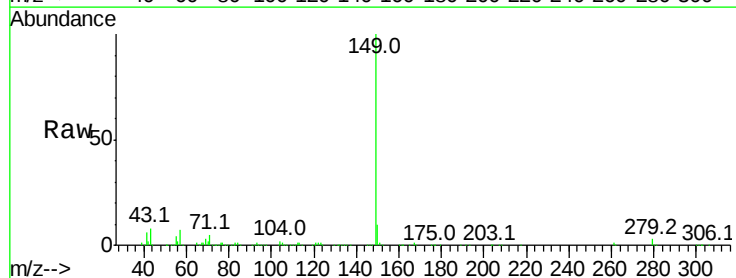
Manual Integrations
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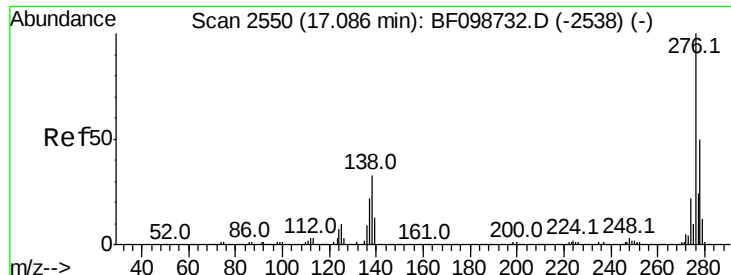
Sohil
 10/23/2017 3:26:28 PM



#84
 Di-n-octyl phthalate
 Concen: 34.637 ng
 RT: 14.55 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BF099709.D
 Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.6	8.4	12.6#





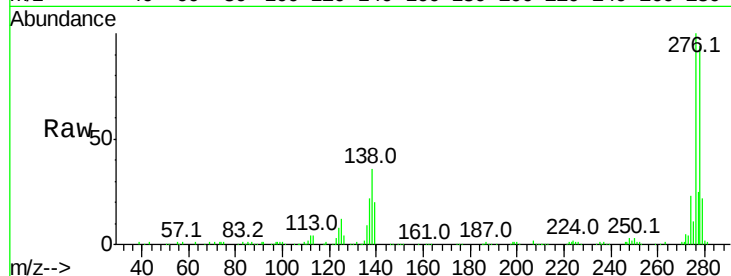
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.299 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

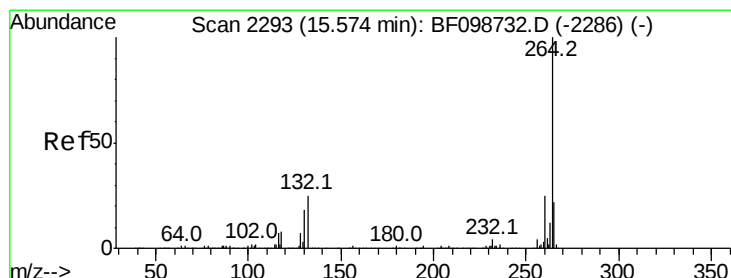
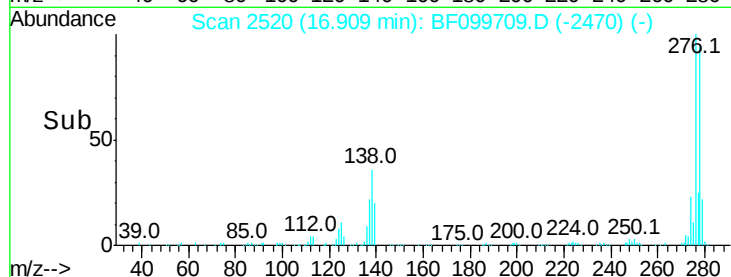
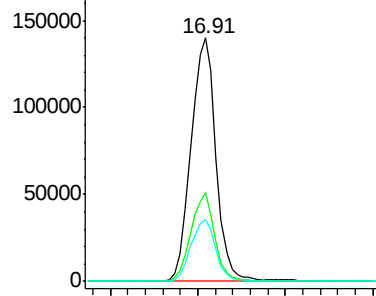
Tot Ion	Ratio	Resp	Lower	Upper
276	100	275883		
138	34.6		25.0	37.6
277	25.2		20.1	30.1

Manual Integrations
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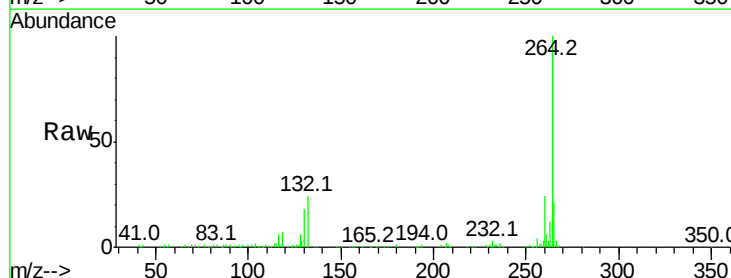


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

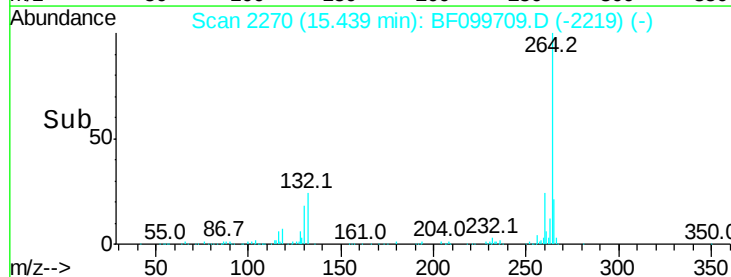
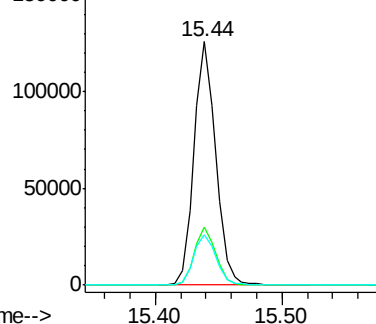


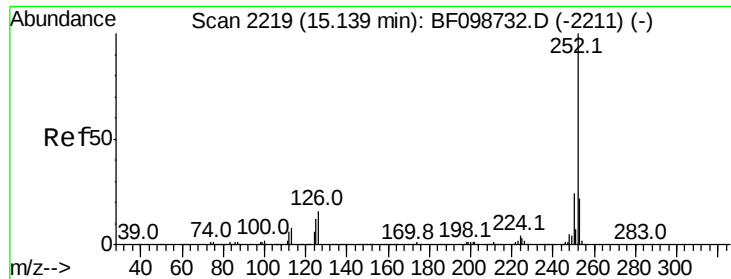
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	149786		
260	23.6		19.2	28.8
265	20.7		17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





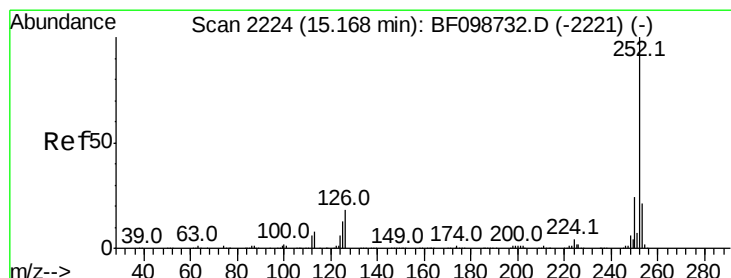
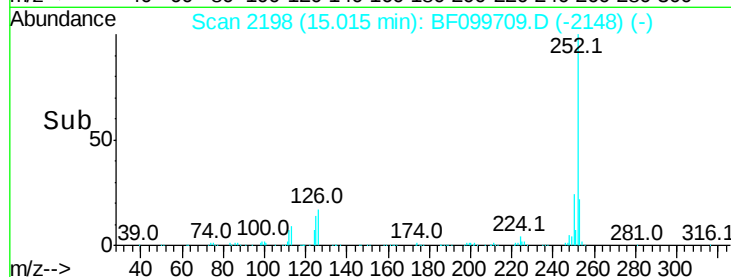
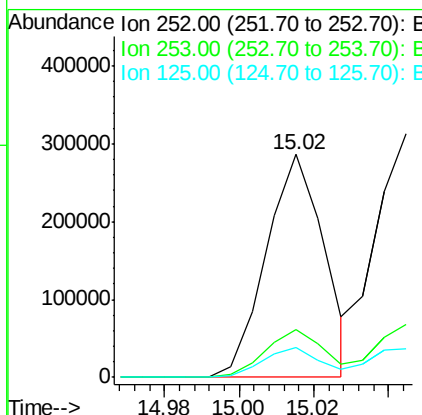
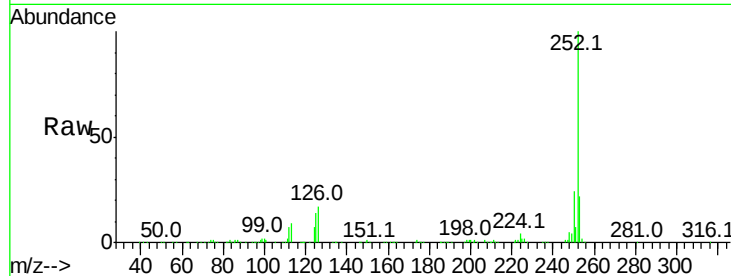
#87
Benzo(b)fluoranthene
Concen: 33.577 ng m
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	13.7	9.0	13.6

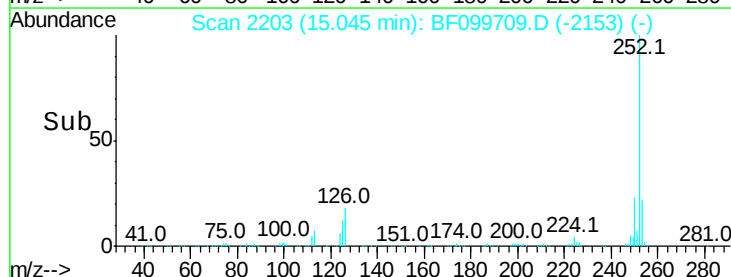
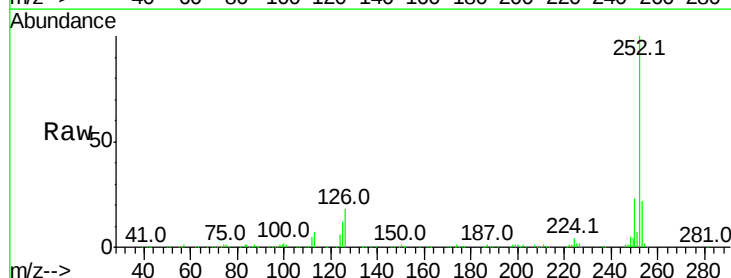
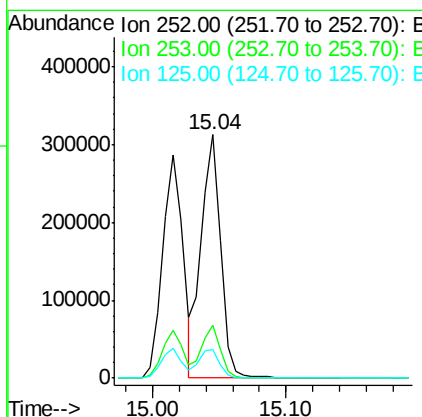
Manual Integrations
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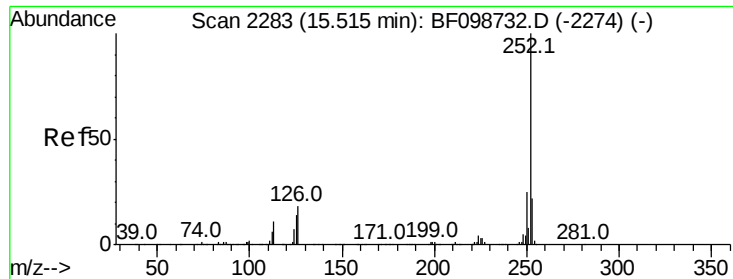
Sohil
10/23/2017 3:26:28 PM



#88
Benzo(k)fluoranthene
Concen: 34.666 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	11.9	10.2	15.2





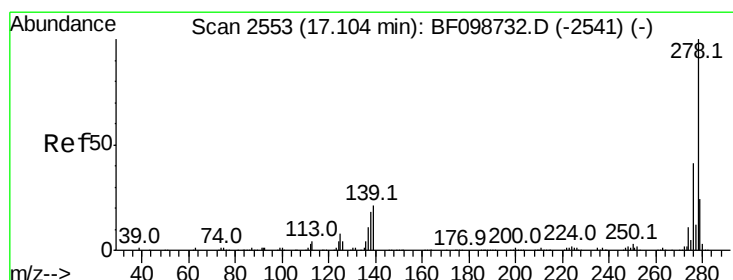
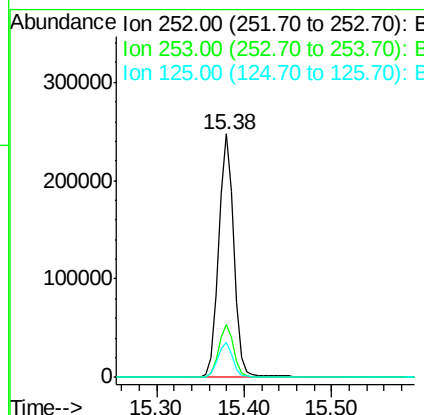
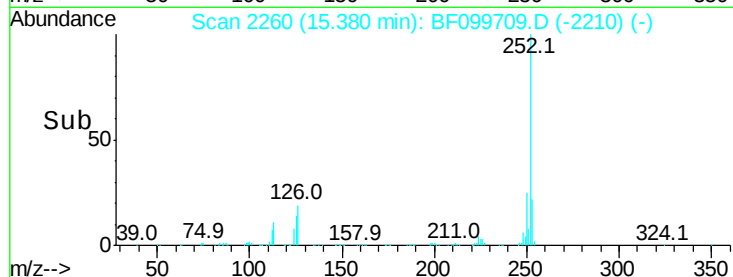
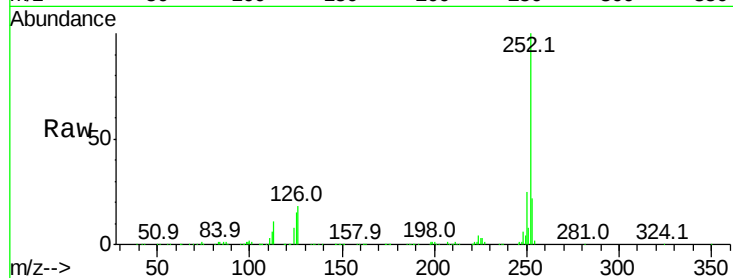
#89
Benzo(a)pyrene
Concen: 35.402 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Instrument :
BNA_F
ClientSampleId :
PB103469BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	14.5	9.8	14.6

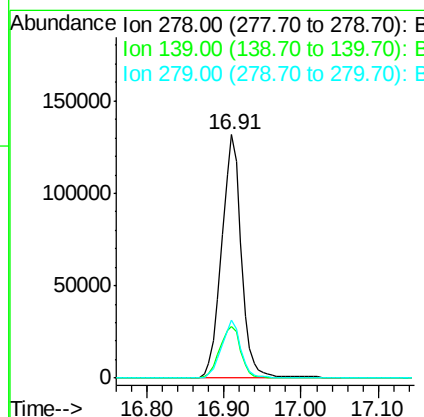
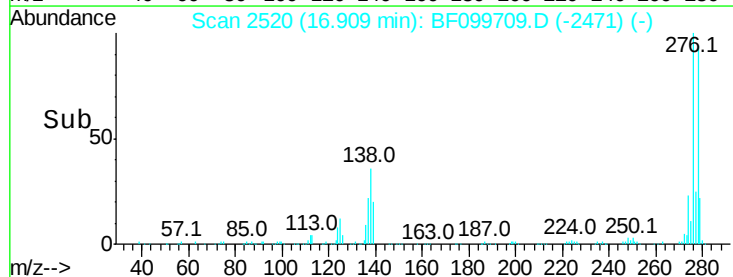
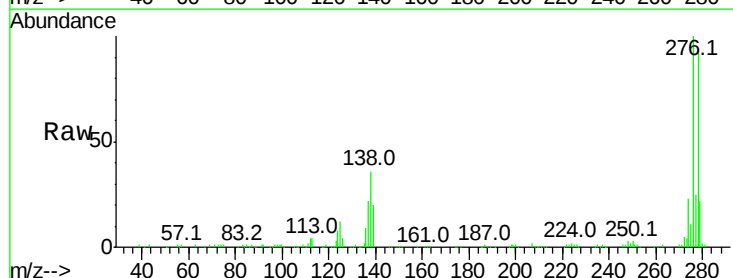
Manual Integrations
APPROVED

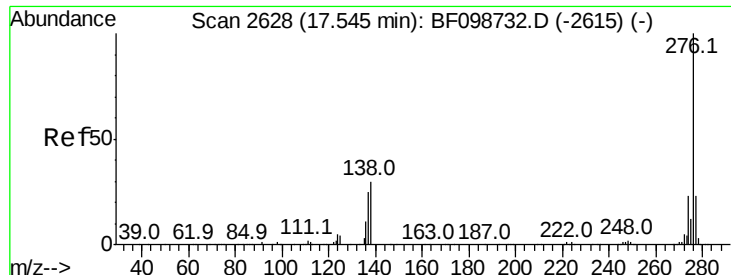
Sohil
10/23/2017 3:26:28 PM



#90
Dibenzo(a,h)anthracene
Concen: 34.540 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BF099709.D
Acq: 20 Oct 2017 19:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	23.7	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 33.226 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BF099709.D

Acq: 20 Oct 2017 19:06

Instrument :

BNA_F

ClientSampleId :

PB103469BS

Tot Ion:	276	Resp:	222196
Ion Ratio		Lower	Upper
276	100		
277	23.8	17.9	26.9
138	29.6	21.8	32.8

Manual Integrations
APPROVED

Sohil
10/23/2017 3:26:28 PM

