

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091517\
 Data File : BF098574.D
 Acq On : 15 Sep 2017 17:42
 Operator : SJ/JU
 Sample : PB102329BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BS

Manual Integrations
 APPROVED

Sohil
 9/18/2017 3:33:44 PM

Quant Time: Sep 16 02:36:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	138510	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	580501	20.00	ng	-0.02
38) Acenaphthene-d10	9.68	164	272385	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	519092	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	390874	20.00	ng	-0.01
86) Perylene-d12	15.20	264	305697	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1043647	111.40	ng	0.00
7) Phenol-d6	6.31	99	1258697	105.82	ng	-0.01
23) Nitrobenzene-d5	7.22	82	773961	74.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.48	330	265033	145.79	ng	-0.01
44) 2-Fluorobiphenyl	9.01	172	1399049	87.06	ng	-0.02
78) Terphenyl-d14	12.75	244	1300805	71.83	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	130576	27.005	ng	90
3) Pyridine	3.03	79	375268	29.225	ng	87
4) n-Nitrosodimethylamine	2.99	42	182155	28.935	ng	# 92
6) Aniline	6.31	93	219211	14.690	ng	# 7
8) 2-Chlorophenol	6.44	128	366758	35.603	ng	99
9) Benzaldehyde	6.19	77	179149	23.040	ng	95
10) Phenol	6.32	94	460432	33.327	ng	98
11) bis(2-Chloroethyl)ether	6.39	93	339967	32.638	ng	93
12) 1,3-Dichlorobenzene	6.58	146	375522	36.217	ng	96
13) 1,4-Dichlorobenzene	6.66	146	380191	35.798	ng	97
14) 1,2-Dichlorobenzene	6.82	146	353796	36.564	ng	98
15) Benzyl Alcohol	6.80	79	308941	39.027	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.93	45	514914	30.044	ng	# 29
17) 2-Methylphenol	6.92	107	303739	36.159	ng	# 87
18) Hexachloroethane	7.15	117	141721	34.844	ng	# 86
19) n-Nitroso-di-n-propylamine	7.07	70	256353	34.264	ng	97
20) 3+4-Methylphenols	7.08	107	407046	38.399	ng	# 64
22) Acetophenone	7.06	105	515964	34.390	ng	# 90
24) Nitrobenzene	7.23	77	380452	32.077	ng	97
25) Isophorone	7.47	82	678297	32.196	ng	99
26) 2-Nitrophenol	7.55	139	197034	41.144	ng	# 84
27) 2,4-Dimethylphenol	7.60	122	323980	35.489	ng	96
28) bis(2-Chloroethoxy)methane	7.69	93	435796	33.901	ng	99
29) 2,4-Dichlorophenol	7.80	162	303553	39.981	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	320344	38.787	ng	99
31) Naphthalene	7.95	128	1059317	36.913	ng	99
32) Benzoic acid	7.77	122	224423	38.532	ng	97
33) 4-Chloroaniline	8.01	127	114169	9.789	ng	97
34) Hexachlorobutadiene	8.06	225	167147	39.422	ng	97
35) Caprolactam	8.40	113	98903m	37.776	ng	
36) 4-Chloro-3-methylphenol	8.52	107	338038	35.901	ng	85
37) 2-Methylnaphthalene	8.65	142	691838	39.800	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	298454	35.175	ng	99
40) Hexachlorocyclopentadiene	8.79	237	166723	68.685	ng	100

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Quant Time: Sep 16 02:36:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	198753	39.881	ng	94
43) 2,4,5-Trichlorophenol	8.98	196	211210	40.547	ng	93
45) 1,1'-Biphenyl	9.11	154	841735	34.526	ng	98
46) 2-Chloronaphthalene	9.13	162	639021	36.701	ng	93
47) 2-Nitroaniline	9.24	65	226596	33.907	ng	96
48) Acenaphthylene	9.55	152	941423	36.364	ng	99
49) Dimethylphthalate	9.42	163	758259	35.962	ng	99
50) 2,6-Dinitrotoluene	9.49	165	166163	38.365	ng	94
51) Acenaphthene	9.72	154	599535	36.432	ng	98
52) 3-Nitroaniline	9.65	138	94335	18.044	ng	99
53) 2,4-Dinitrophenol	9.77	184	149380	73.714	ng #	73
54) Dibenzofuran	9.89	168	861139	39.721	ng	99
55) 4-Nitrophenol	9.85	139	200016	66.589	ng #	55
56) 2,4-Dinitrotoluene	9.89	165	213711	40.587	ng #	58
57) Fluorene	10.23	166	678824	37.829	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	161552	46.148	ng	92
59) Diethylphthalate	10.12	149	731228	36.466	ng	98
60) 4-Chlorophenyl-phenylether	10.22	204	324653	39.170	ng	93
61) 4-Nitroaniline	10.27	138	184366	34.918	ng	86
62) Azobenzene	10.39	77	727693	33.671	ng	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	117581	38.075	ng	79
65) n-Nitrosodiphenylamine	10.35	169	613314	36.387	ng	100
66) 4-Bromophenyl-phenylether	10.71	248	193063	39.187	ng	98
67) Hexachlorobenzene	10.78	284	190484	38.118	ng #	87
68) Atrazine	10.88	200	201025	38.740	ng	97
69) Pentachlorophenol	10.99	266	151099	69.320	ng	96
70) Phenanthrene	11.19	178	1030209	37.437	ng	99
71) Anthracene	11.24	178	1070774	37.899	ng	99
72) Carbazole	11.40	167	942606	35.798	ng	99
73) Di-n-butylphthalate	11.73	149	1132659	35.902	ng	99
74) Fluoranthene	12.38	202	1065950	38.694	ng	99
76) Benzidine	12.50	184	397918	23.003	ng #	93
77) Pyrene	12.61	202	1109006	35.966	ng	99
79) Butylbenzylphthalate	13.23	149	489862	36.620	ng #	83
80) Benzo(a)anthracene	13.80	228	870662	37.993	ng	99
81) 3,3'-Dichlorobenzidine	13.76	252	206768	23.217	ng #	95
82) Chrysene	13.83	228	834387	36.020	ng	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	640383	38.144	ng #	99
84) Di-n-octyl phthalate	14.40	149	1074658	37.309	ng	100
85) Indeno(1,2,3-cd)pyrene	16.55	276	590927	36.360	ng	96
87) Benzo(b)fluoranthene	14.82	252	765417	39.821	ng	97
88) Benzo(k)fluoranthene	14.84	252	654253	36.460	ng #	95
89) Benzo(a)pyrene	15.15	252	656370	38.330	ng	99
90) Dibenzo(a,h)anthracene	16.56	278	489304	39.280	ng	100
91) Benzo(g,h,i)perylene	16.95	276	497332	39.694	ng	93

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

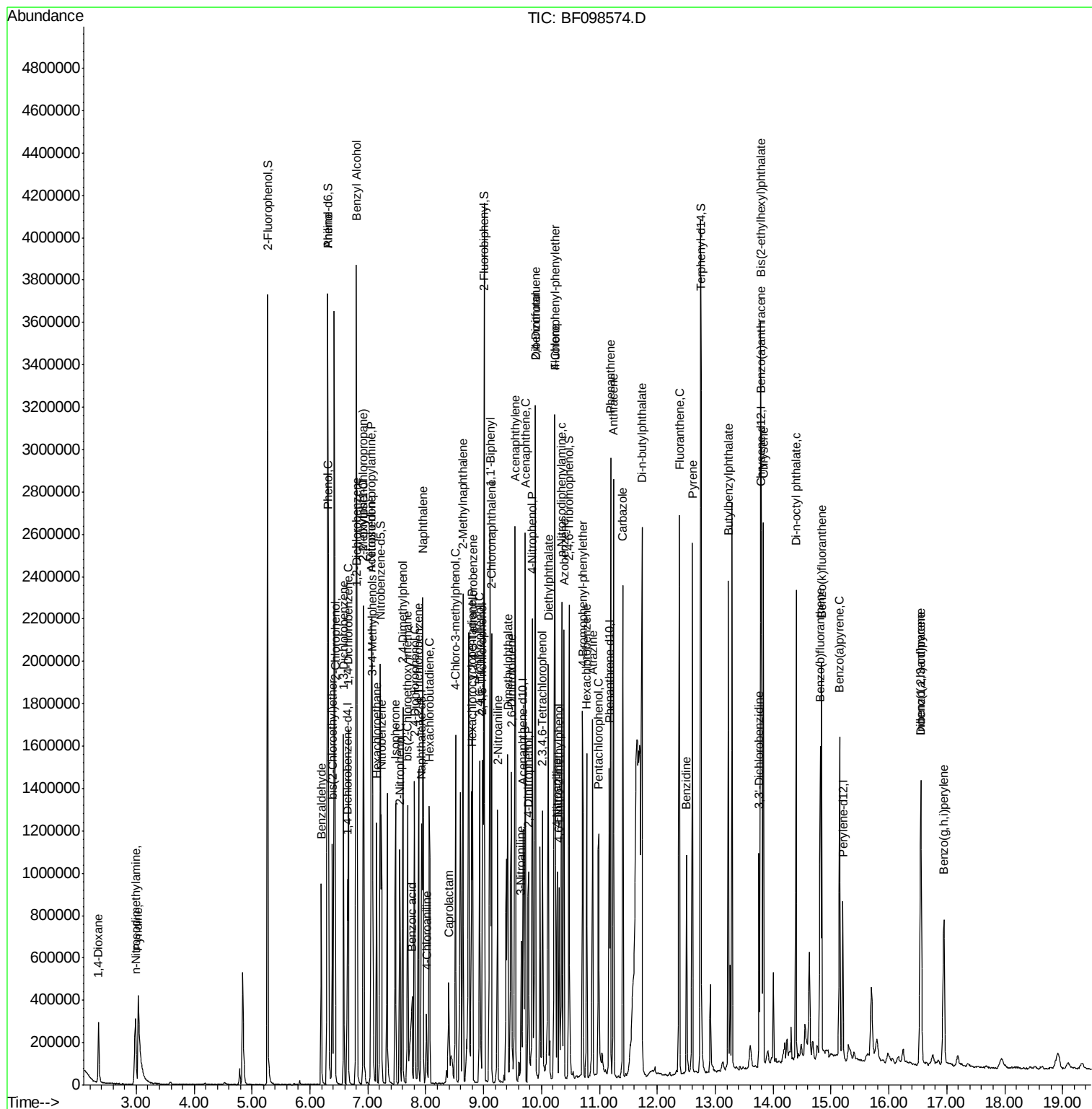
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Sample    : PB102329BS
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ALS Vial  : 3      Sample Multiplier: 1
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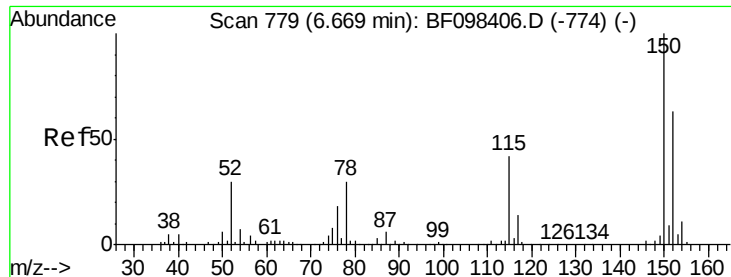
Instrument :
BNA_F
ClientSampleId :
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#1

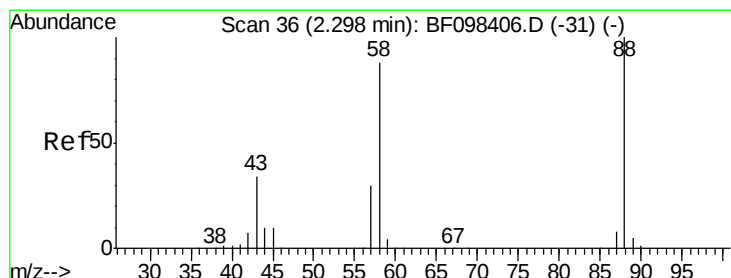
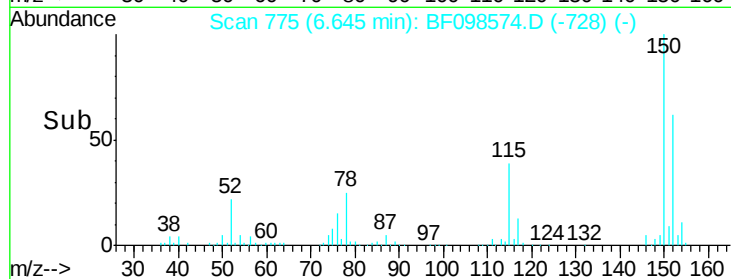
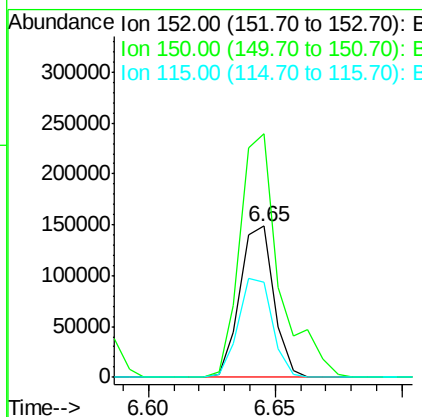
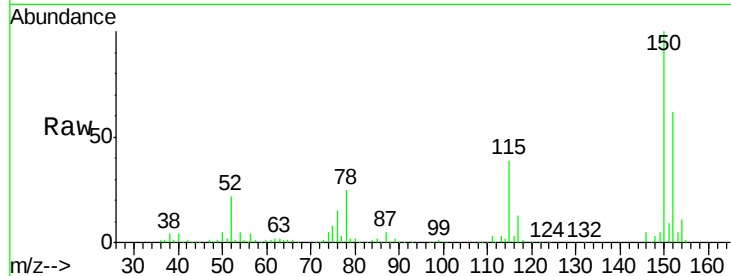
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB102329BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.8	126.2	189.2
115	63.0	52.2	78.2

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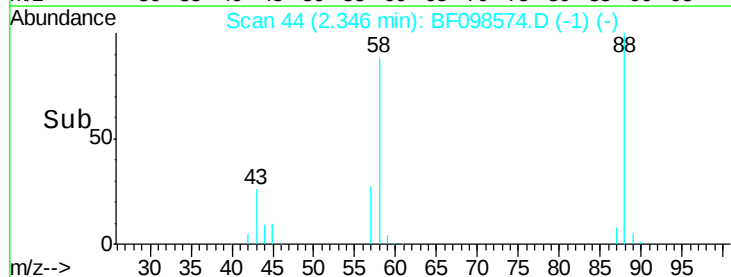
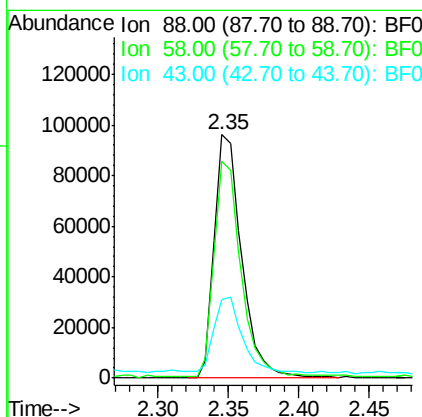
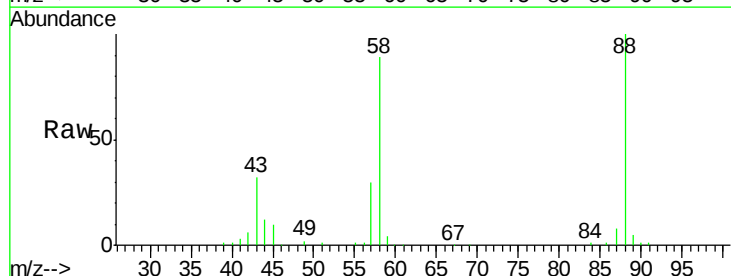
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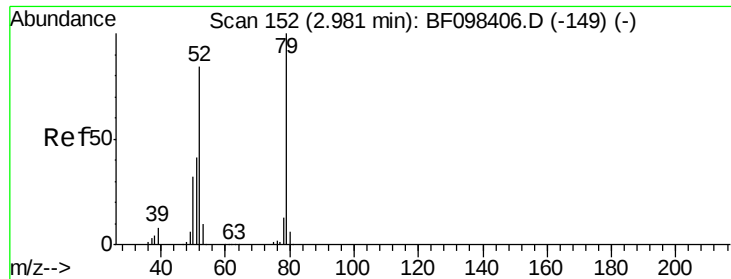


#2

1,4-Dioxane
Concen: 27.005 ng
RT: 2.35 min Scan# 44
Delta R.T. 0.05 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.4	61.4	92.0
43	32.1	23.4	35.0





#3

Pyridine

Concen: 29.225 ng

RT: 3.03 min Scan# 160

Delta R.T. 0.05 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

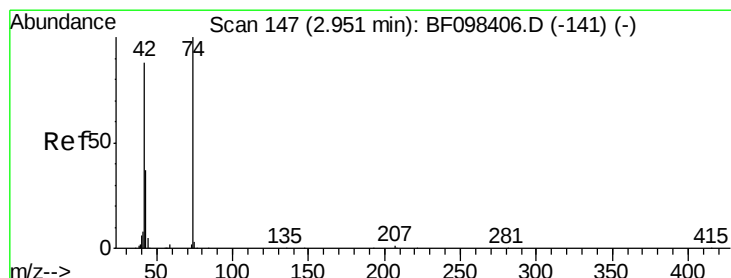
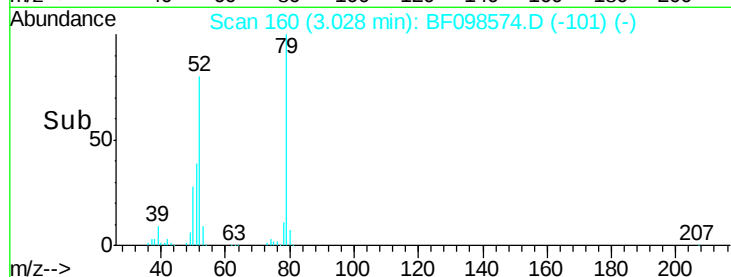
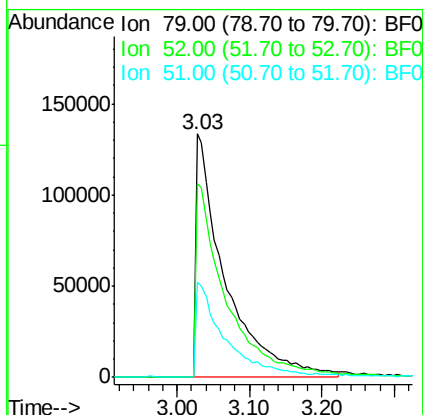
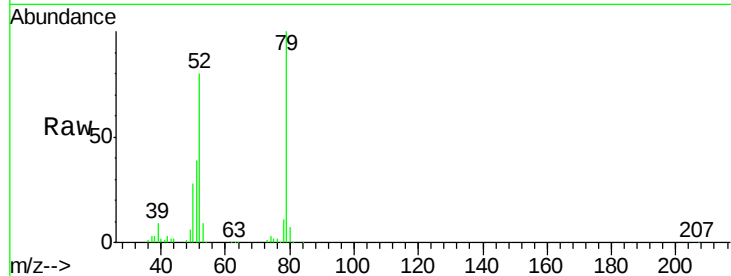
ClientSampleId :

PB102329BS

Tgt Ion:	79	Resp:	375268
Ion Ratio	Lower	Upper	
79	100		
52	79.7	54.8	82.2
51	39.3	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 28.935 ng

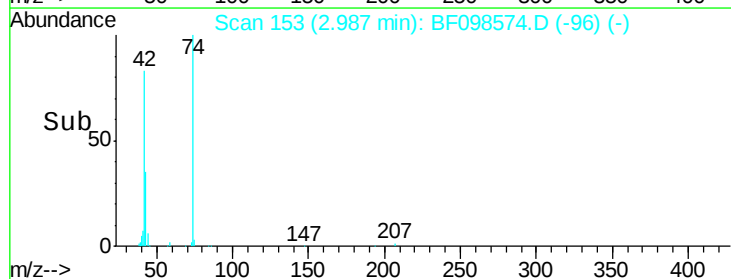
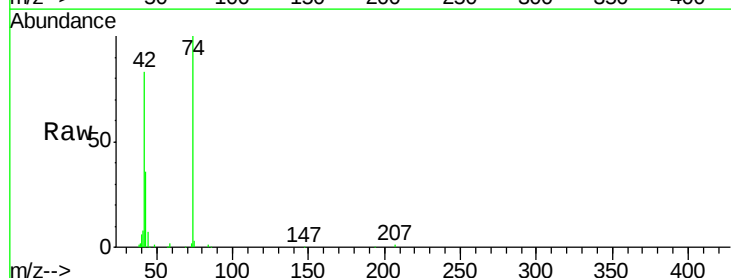
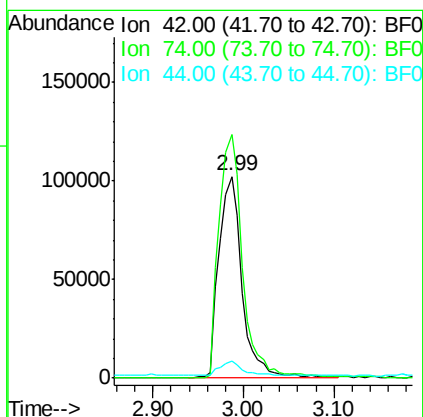
RT: 2.99 min Scan# 153

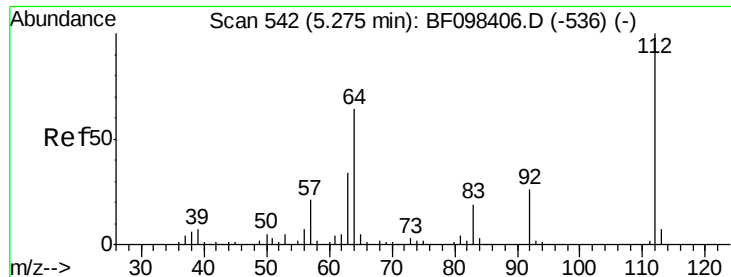
Delta R.T. 0.04 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Tgt Ion:	42	Resp:	182155
Ion Ratio	Lower	Upper	
42	100		
74	120.9	103.9	155.9
44	8.6	5.7	8.5#





#5

2-Fluorophenol

Concen: 111.404 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

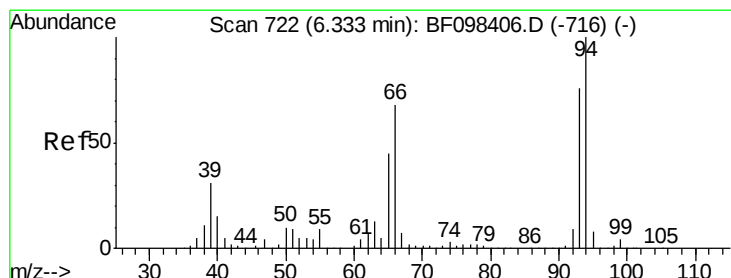
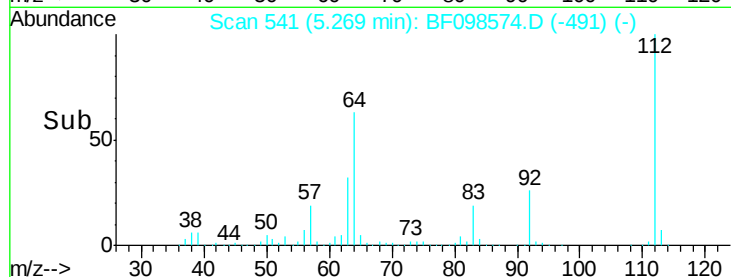
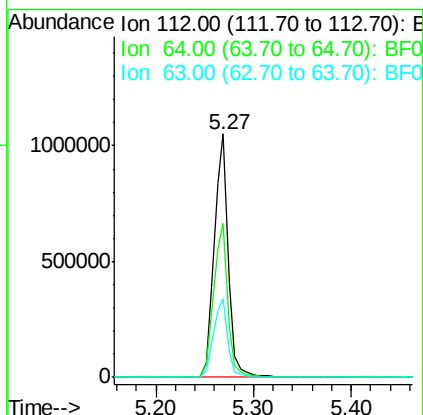
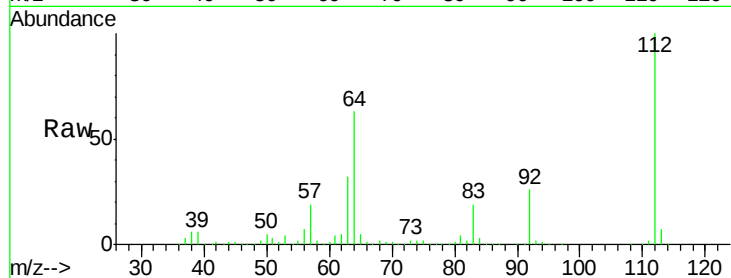
ClientSampled :

PB102329BS

Tgt Ion:	112	Resp:	1043647
Ion	Ratio	Lower	Upper
112	100		
64	63.0	46.0	69.0
63	32.3	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 14.690 ng

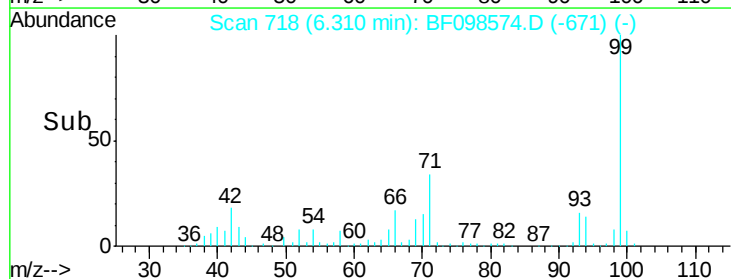
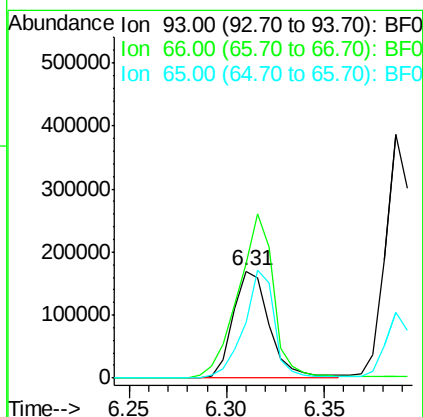
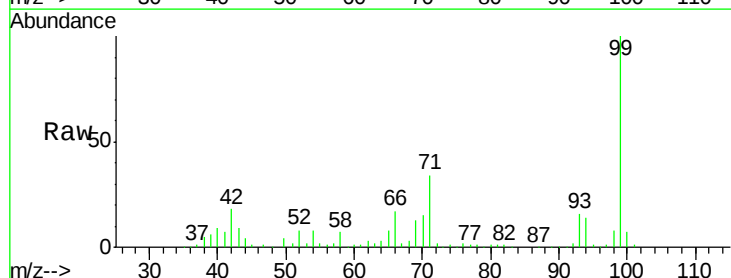
RT: 6.31 min Scan# 718

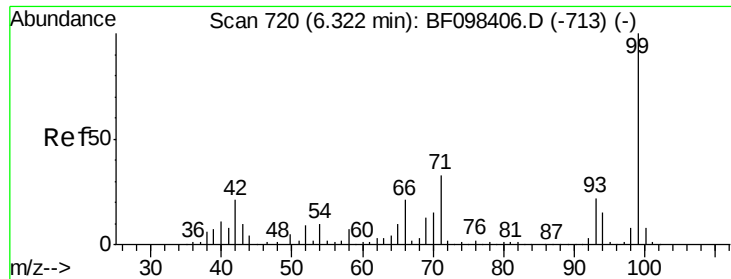
Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Tgt Ion:	93	Resp:	219211
Ion	Ratio	Lower	Upper
93	100		
66	106.6	32.9	49.3#
65	51.9	16.0	24.0#





#7

Phenol-d6

Concen: 105.823 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

ClientSampleId :

PB102329BS

Tgt Ion: 99 Resp: 1258697

Ion Ratio Lower Upper

99 100

42 18.4 13.5 20.3

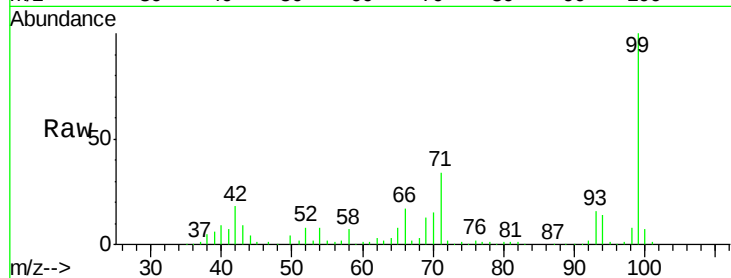
71 34.3 24.5 36.7

Manual Integrations

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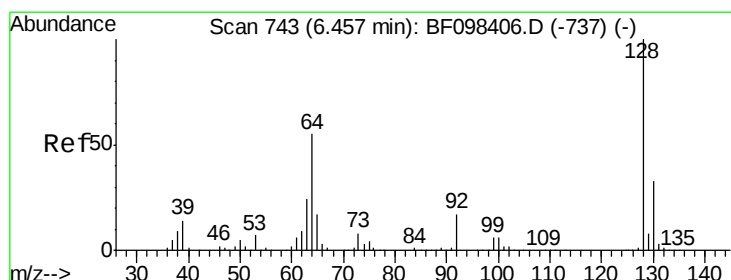
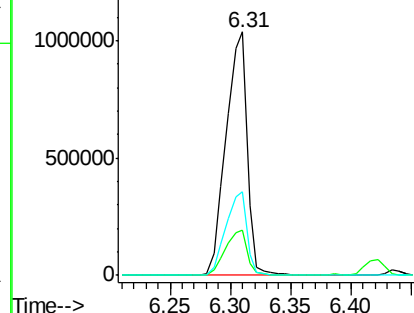
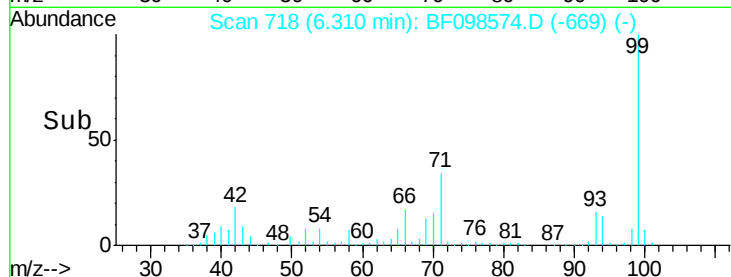
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 35.603 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

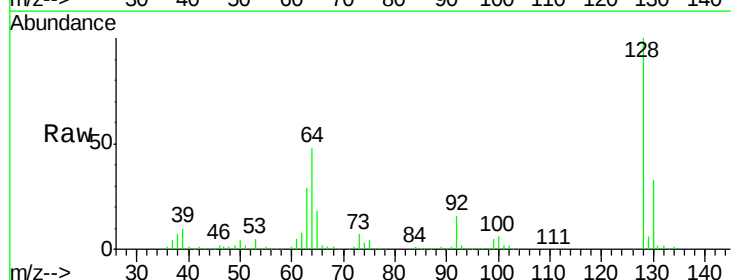
Tgt Ion: 128 Resp: 366758

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

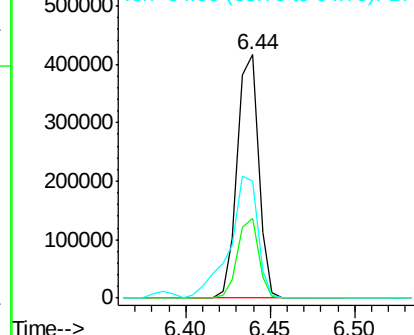
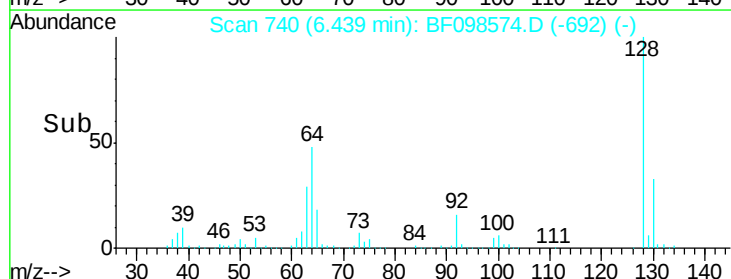
64 47.9 28.4 68.4

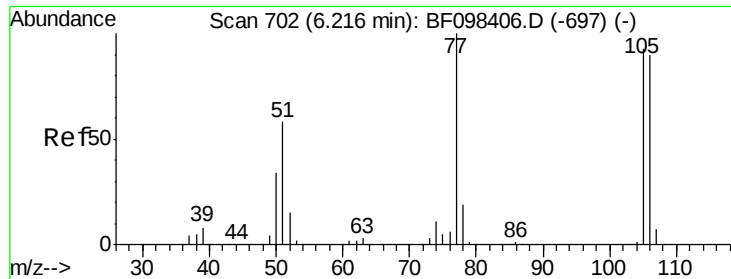


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.040 ng

RT: 6.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

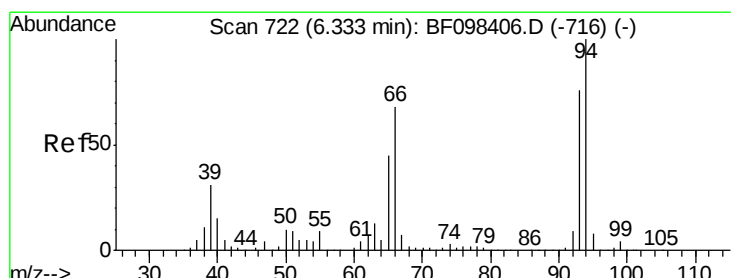
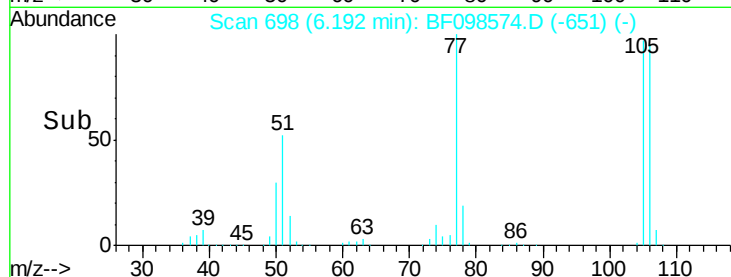
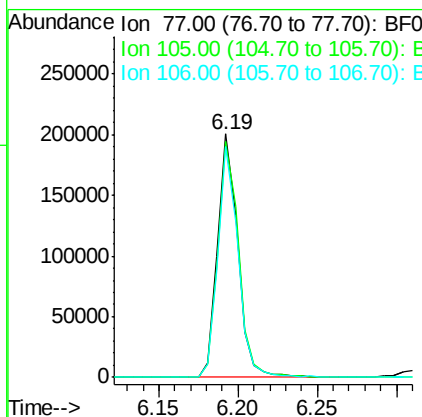
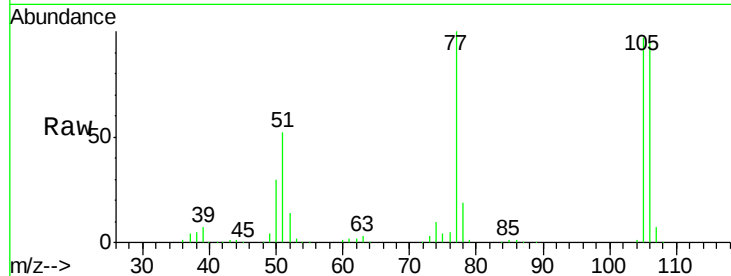
ClientSampled :

PB102329BS

Tgt Ion:	77	Resp:	179149
Ion	Ratio	Lower	Upper
77	100		
105	97.1	83.8	123.8
106	94.9	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 33.327 ng

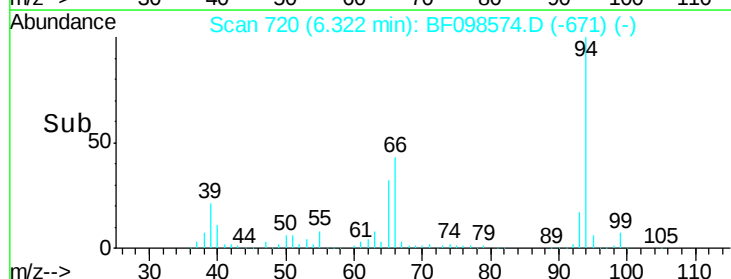
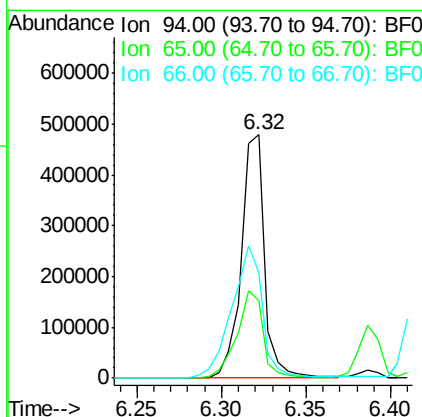
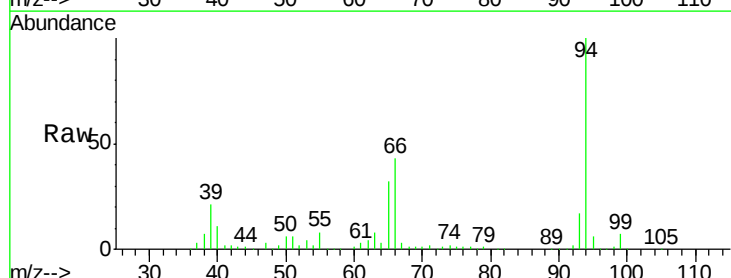
RT: 6.32 min Scan# 720

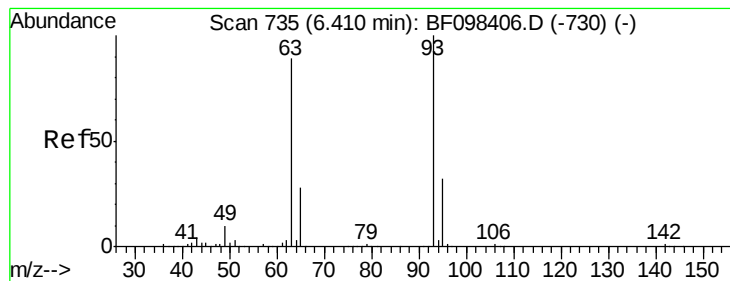
Delta R.T. -0.01 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Tgt Ion:	94	Resp:	460432
Ion	Ratio	Lower	Upper
94	100		
65	31.7	9.9	49.9
66	43.4	23.1	63.1





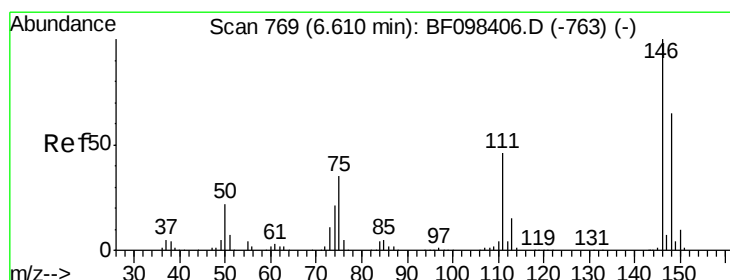
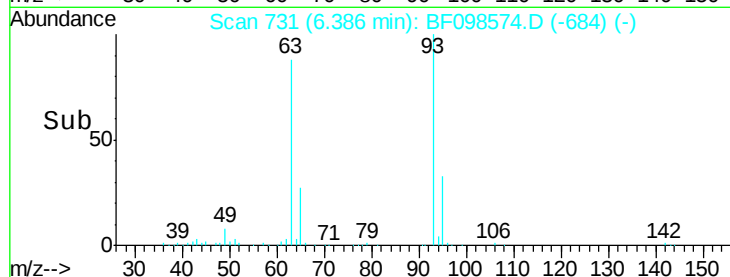
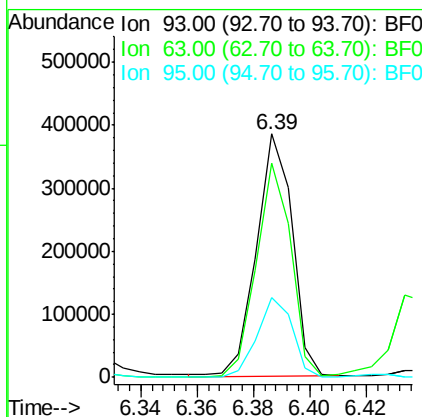
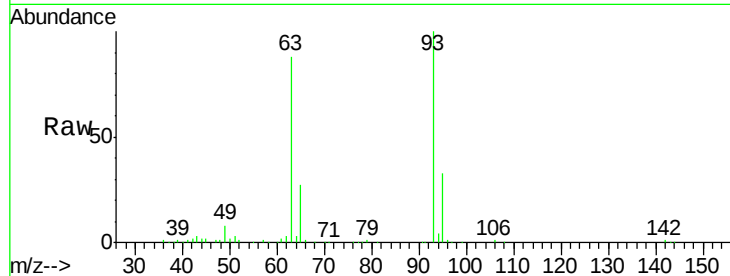
#11
bis(2-Chloroethyl)ether
Concen: 32.638 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	339967		
63	87.7	59.2	99.2	
95	32.6	12.8	52.8	

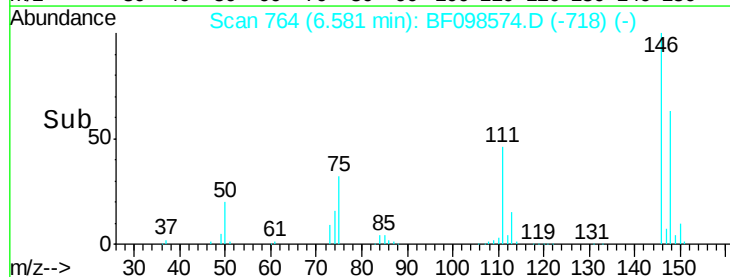
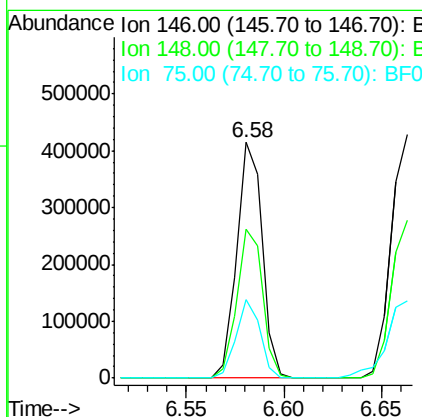
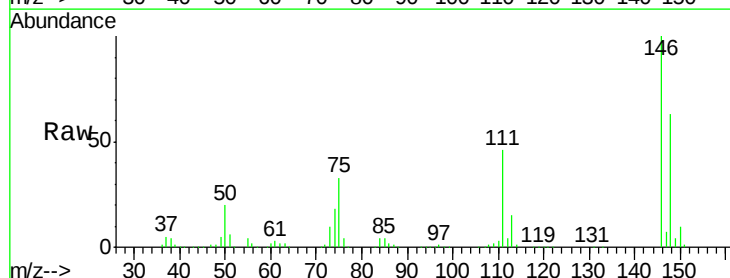
Manual Integrations
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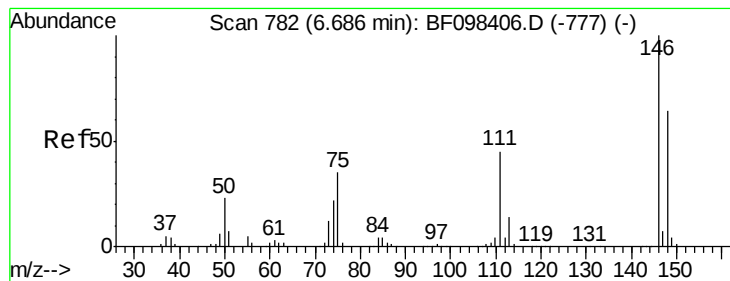
Sohil
9/18/2017 3:33:44 PM



#12
1,3-Dichlorobenzene
Concen: 36.217 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.03 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	375522		
148	63.3	51.8	77.6	
75	33.1	23.1	34.7	





#13

1,4-Dichlorobenzene

Concen: 35.798 ng

RT: 6.66 min Scan# 778

Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

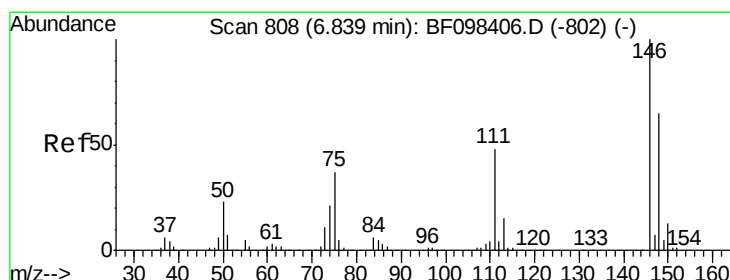
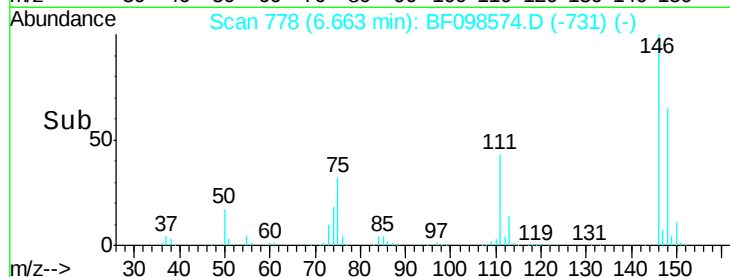
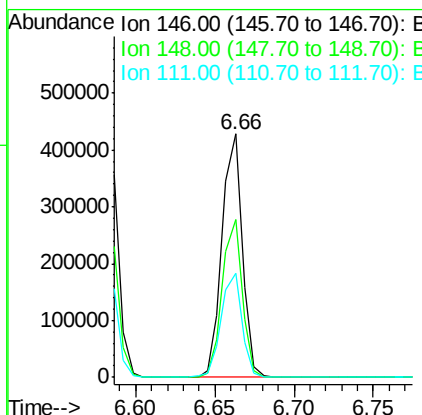
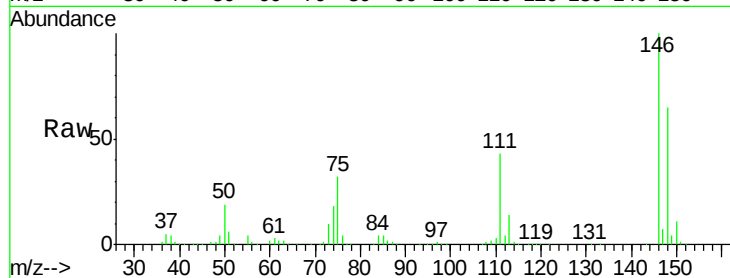
ClientSampleId :

PB102329BS

Tgt Ion:	146	Resp:	380191
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.2	78.2
111	43.0	30.3	45.5

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 36.564 ng

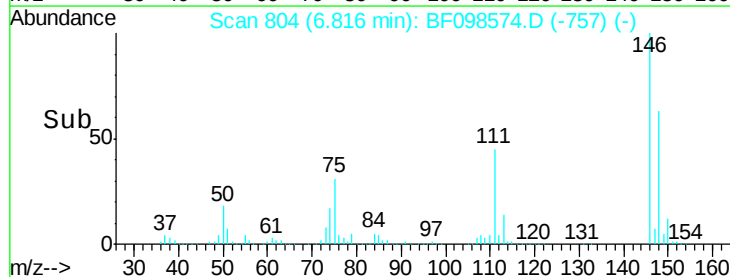
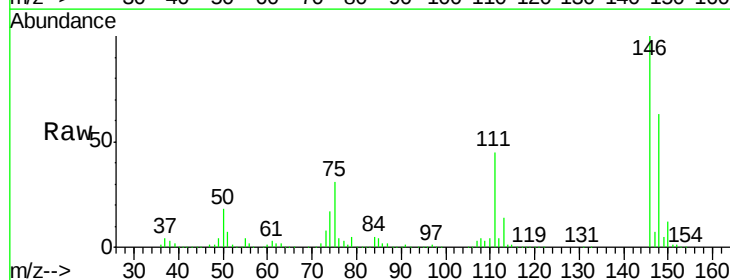
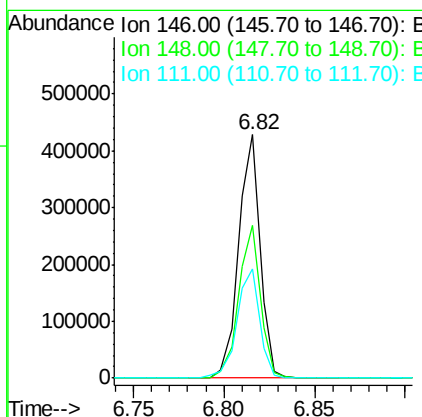
RT: 6.82 min Scan# 804

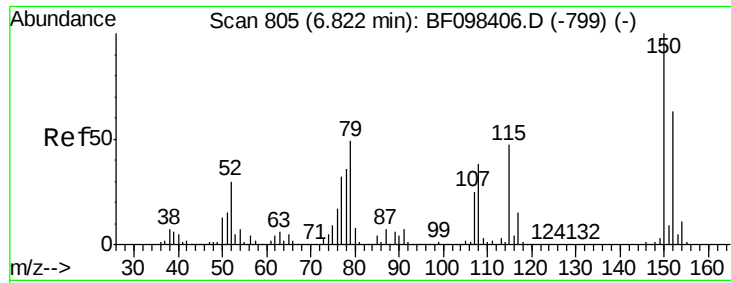
Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Tgt Ion:	146	Resp:	353796
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.4	75.6
111	44.6	38.2	57.4





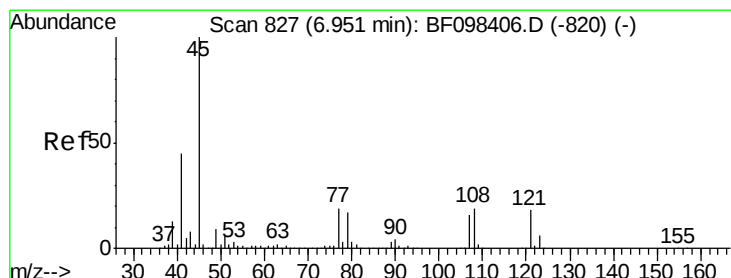
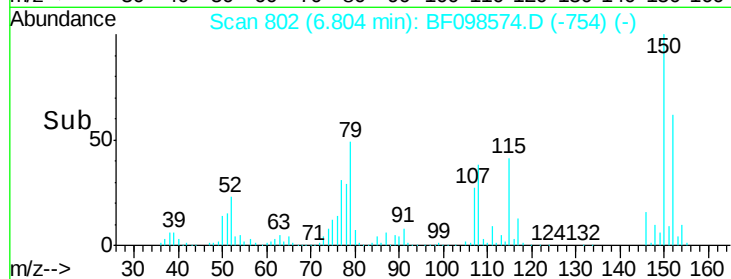
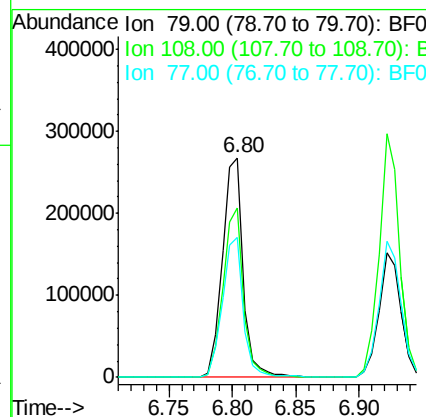
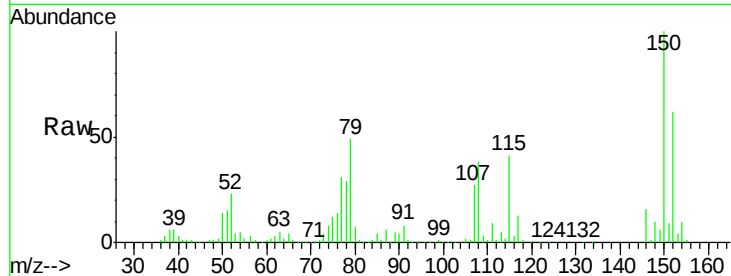
#15
Benzyl Alcohol
Concen: 39.027 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampled :
PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	308941		
108	77.1	63.4	95.0	
77	64.0	49.2	73.8	

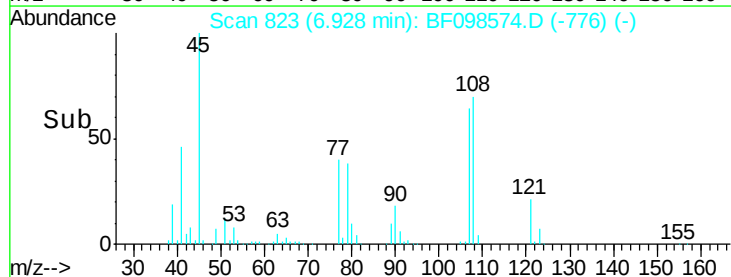
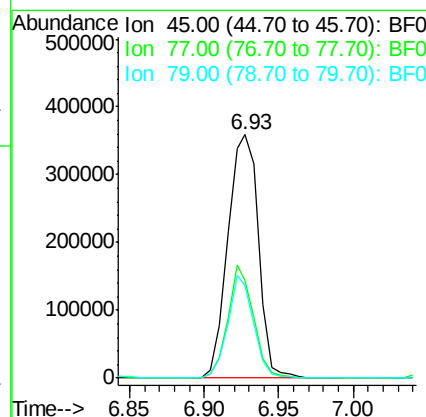
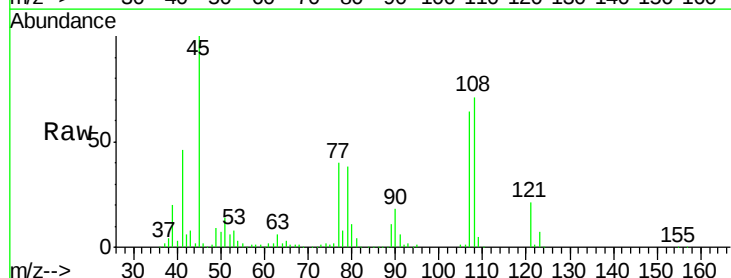
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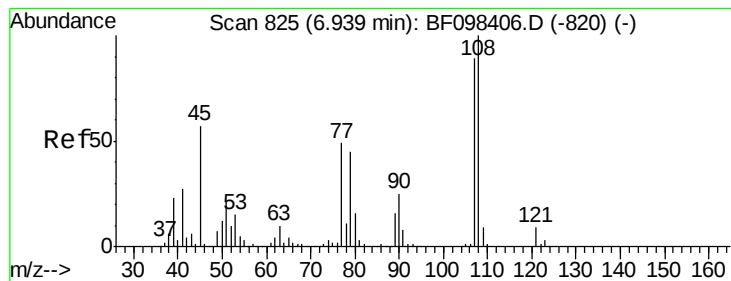
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.044 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	514914		
77	40.4	0.0	33.2#	
79	38.2	0.0	30.0#	





#17

2-Methylphenol

Concen: 36.159 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

ClientSampleId :

PB102329BS

Tgt Ion:107 Resp: 303739
Ion Ratio Lower Upper

107 100

108 110.8 93.4 140.0

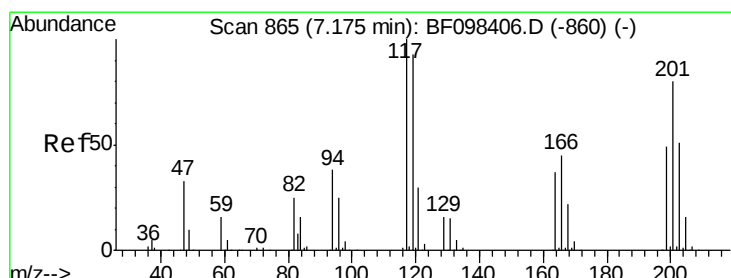
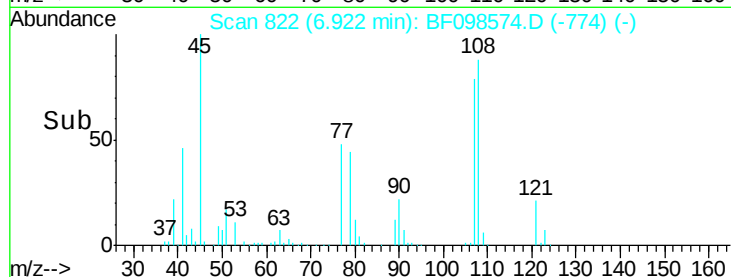
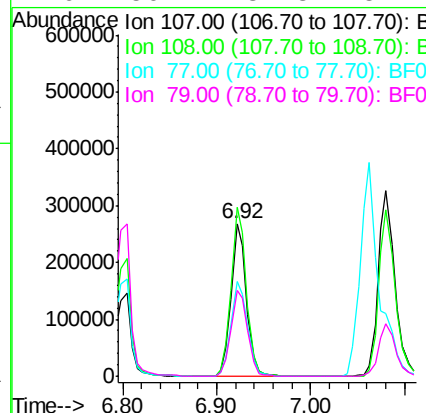
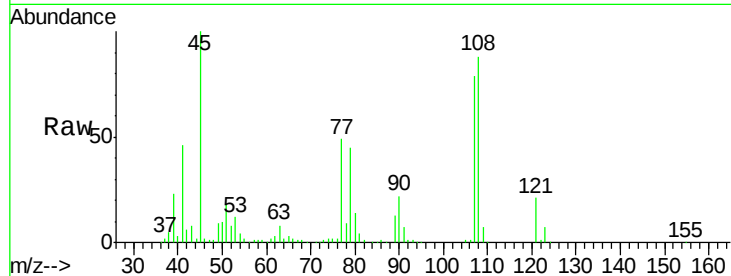
77 62.1 35.8 53.6#

79 56.4 34.8 52.2#

Manual Integrations
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#18

Hexachloroethane

Concen: 34.844 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BF098574.D

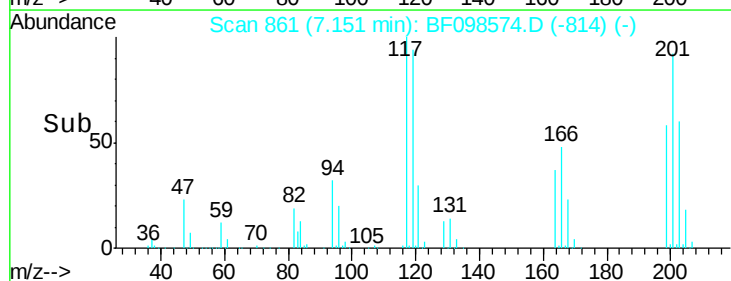
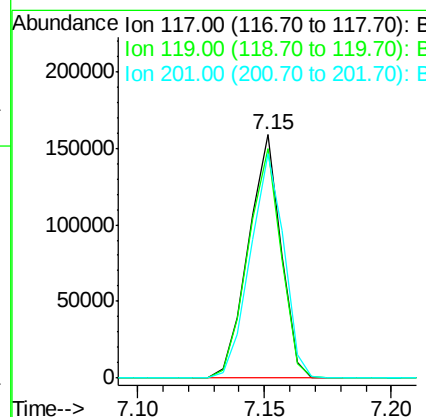
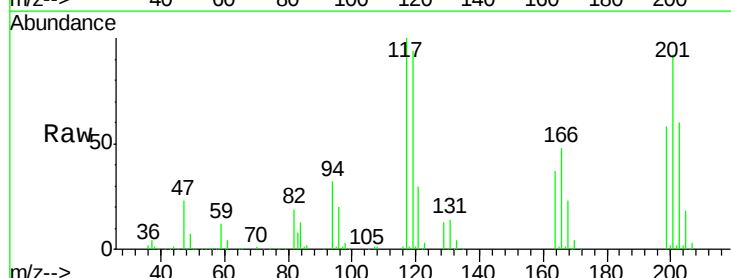
Acq: 15 Sep 2017 17:42

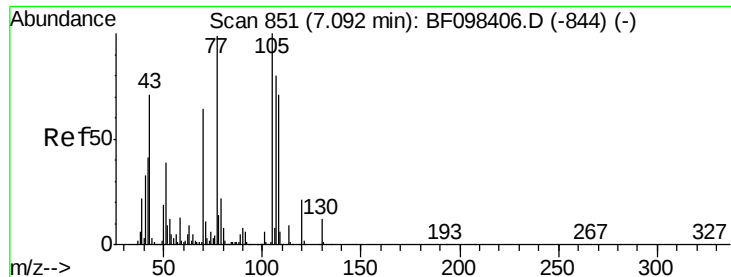
Tgt Ion:117 Resp: 141721
Ion Ratio Lower Upper

117 100

119 94.1 77.4 116.0

201 92.4 94.6 141.8#





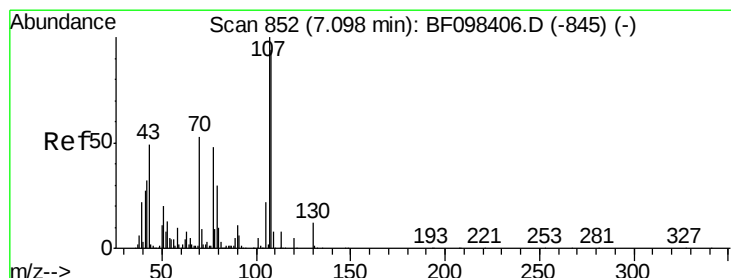
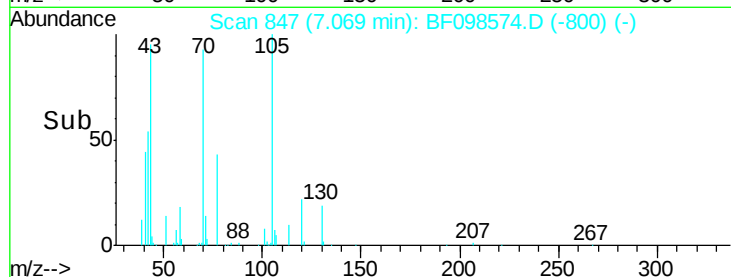
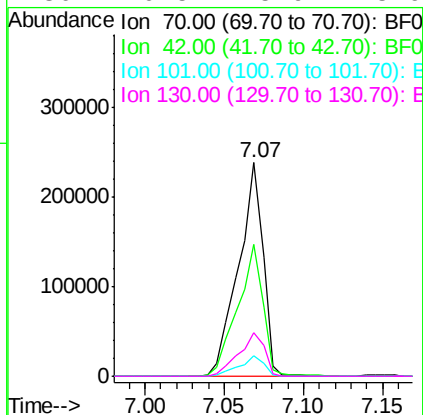
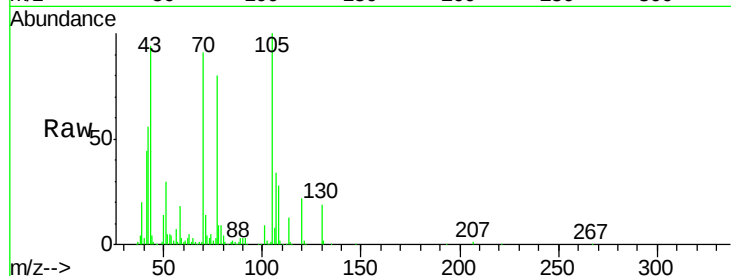
#19
n-Nitroso-di-n-propylamine
Concen: 34.264 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	256353		
42	61.6	47.2	70.8	
101	9.6	7.2	10.8	
130	20.5	15.9	23.9	

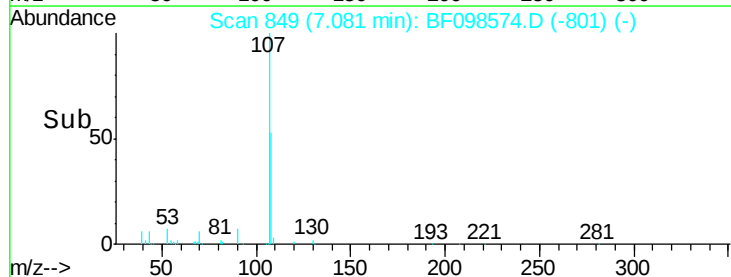
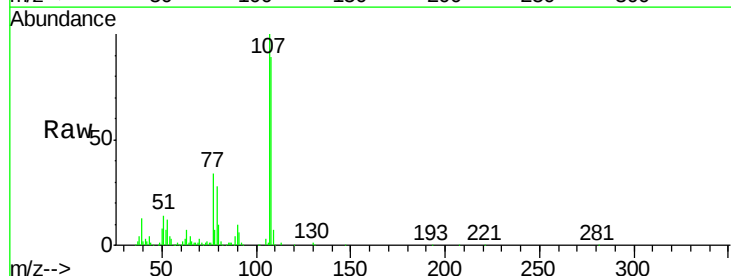
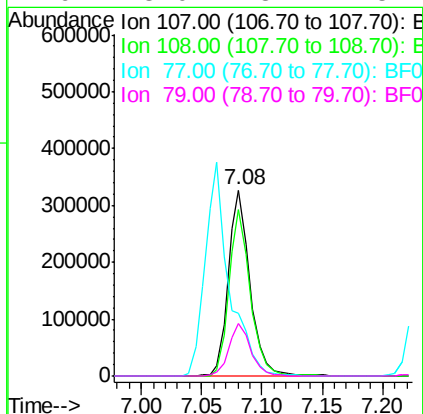
Manual Integrations
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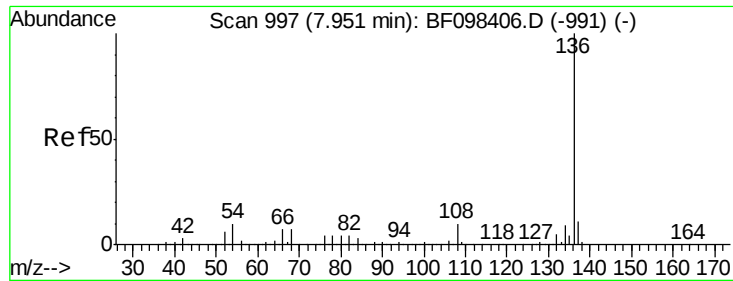
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#20
3+4-Methylphenols
Concen: 38.399 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	407046		
108	89.5	71.0	111.0	
77	33.8	90.5	130.5#	
79	28.0	8.4	48.4	





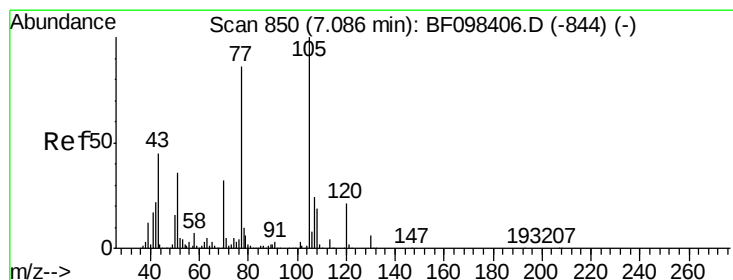
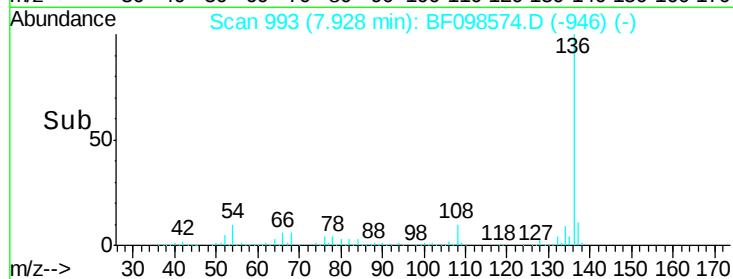
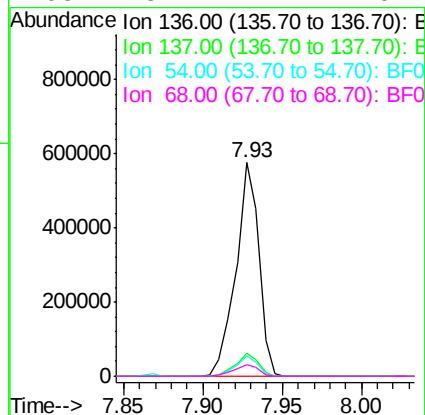
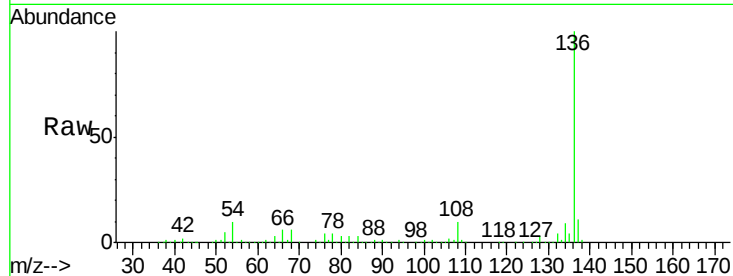
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	580501		
137	11.0	8.5	12.7	
54	9.6	4.9	7.3	
68	5.7	4.1	6.1	

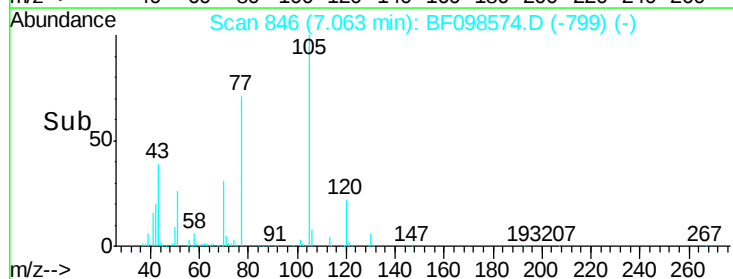
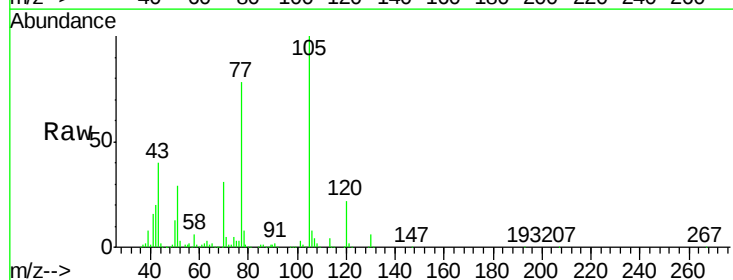
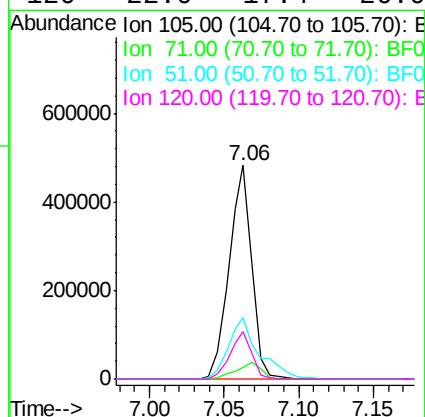
Manual Integrations
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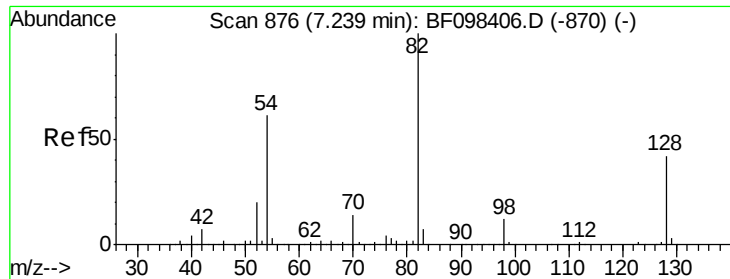
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#22
Acetophenone
Concen: 34.390 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	515964		
71	5.5	2.8	4.2	
51	28.7	30.7	46.1	
120	22.0	17.4	26.0	





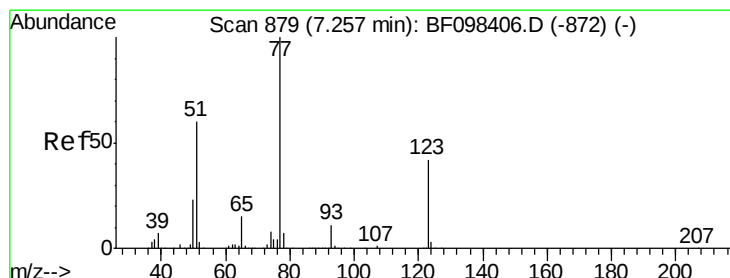
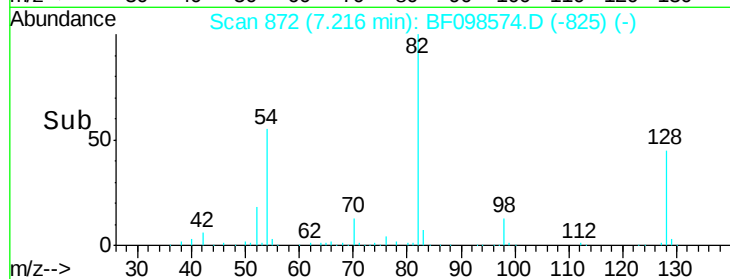
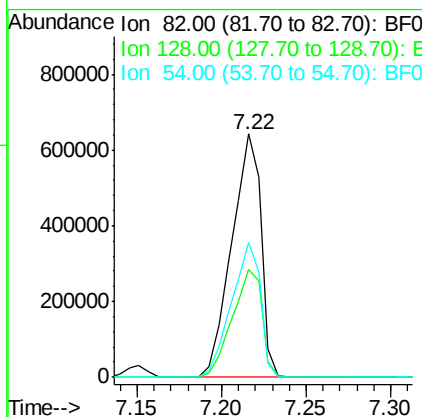
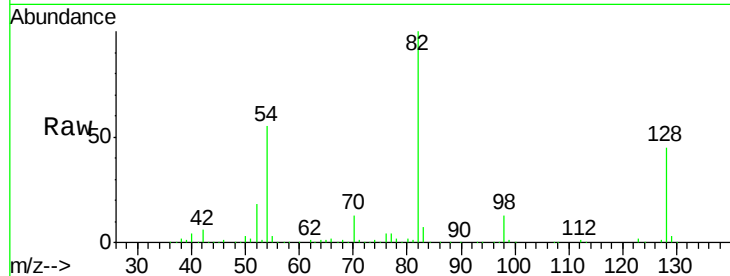
#23
 Nitrobenzene-d5
 Concen: 74.329 ng
 RT: 7.22 min Scan# 872
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	773961		
128	44.5	34.0	51.0	
54	55.2	42.2	63.2	

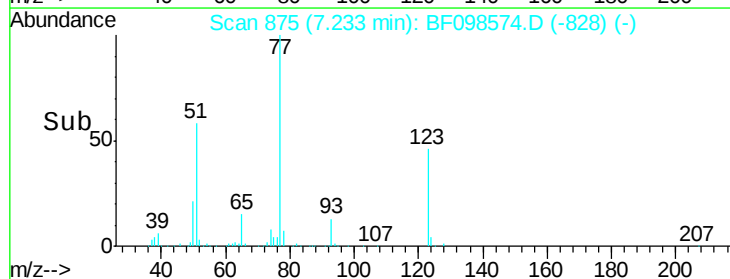
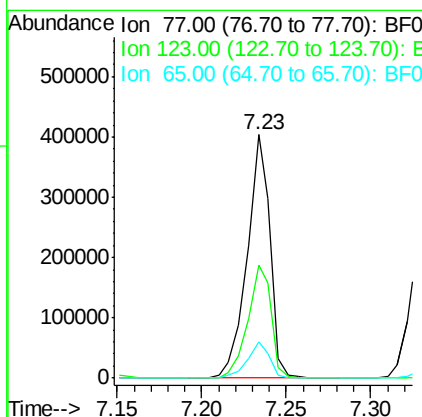
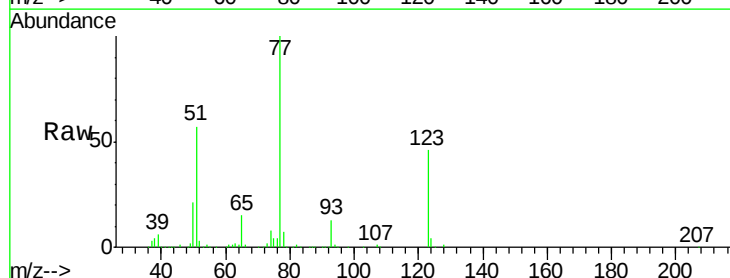
Manual Integrations
 APPROVED

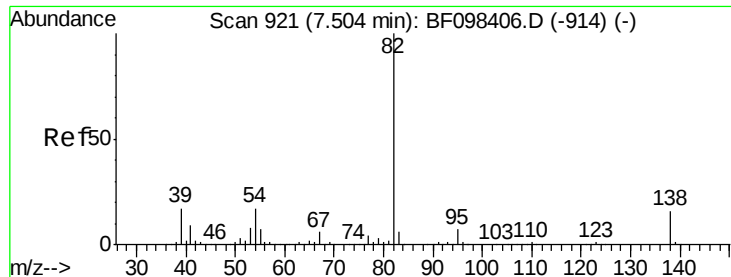
Sohil
 9/18/2017 3:33:44 PM



#24
 Nitrobenzene
 Concen: 32.077 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	380452		
123	46.3	35.8	53.8	
65	14.8	10.6	15.8	





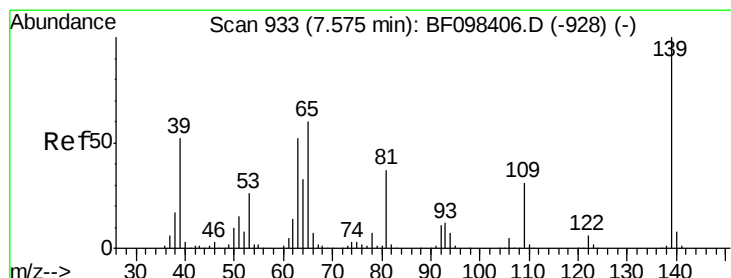
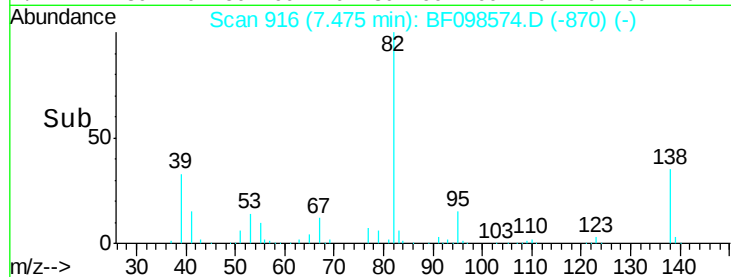
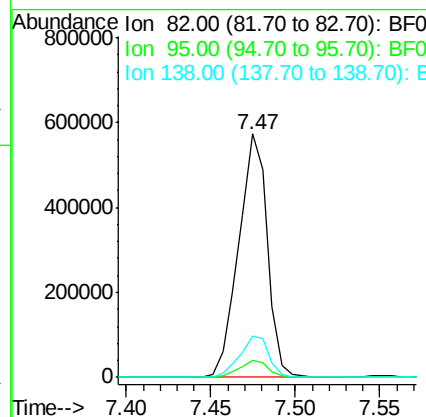
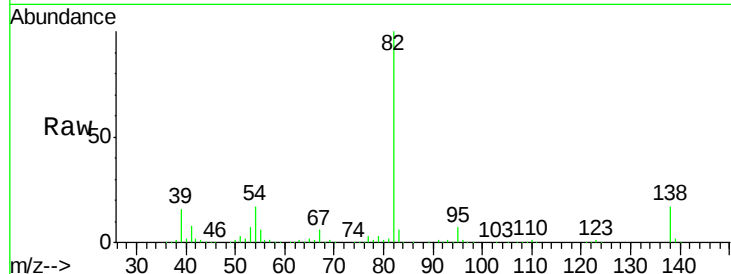
#25
Isophorone
Concen: 32.196 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	678297		
95	7.2	5.3	7.9	
138	17.0	13.1	19.7	

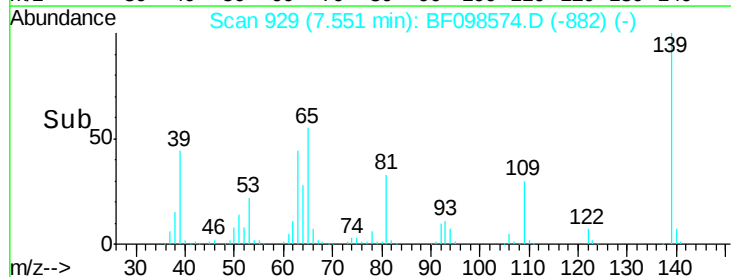
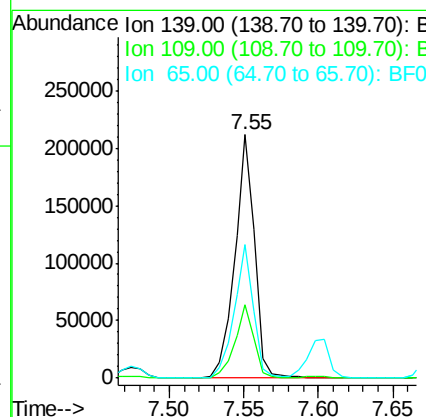
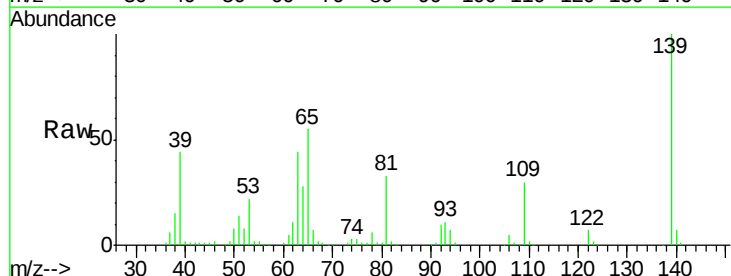
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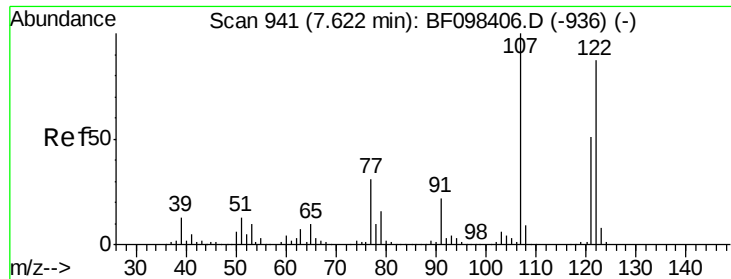
Sohil
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#26
2-Nitrophenol
Concen: 41.144 ng
RT: 7.55 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	197034		
109	30.0	21.0	31.6	
65	54.7	33.0	49.6	





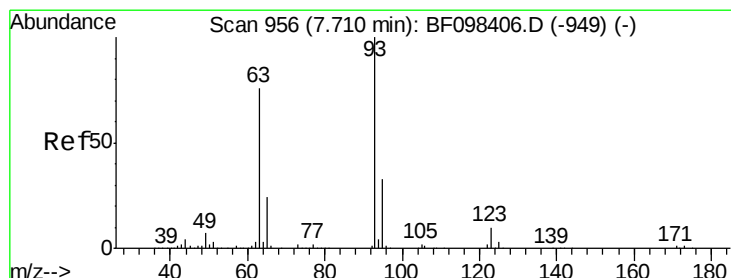
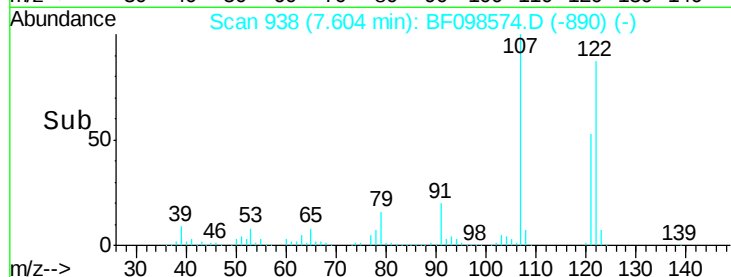
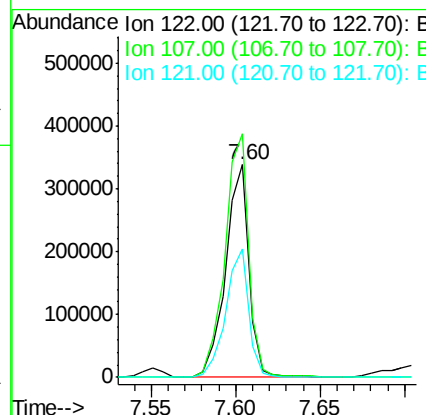
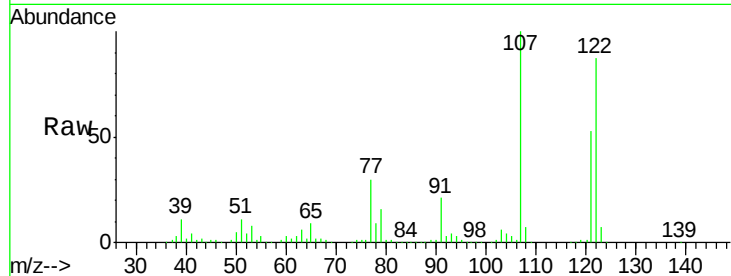
#27
2,4-Dimethylphenol
Concen: 35.489 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampled :
PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	323980		
107	114.4	89.2	133.8	
121	60.5	45.2	67.8	

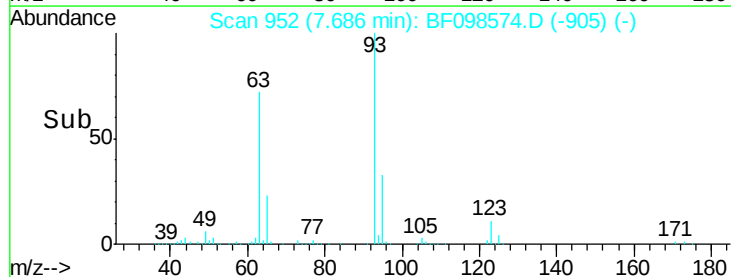
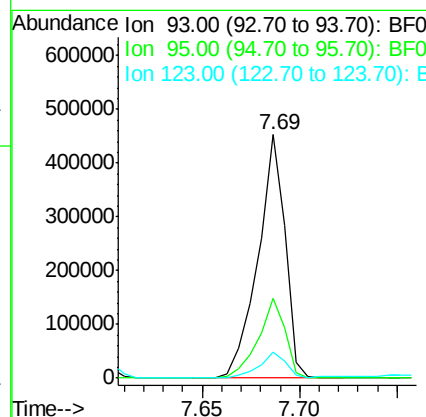
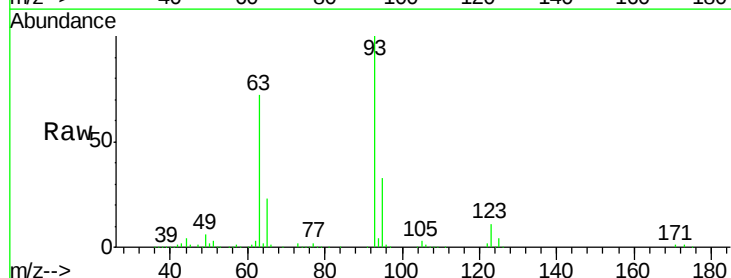
Manual Integrations
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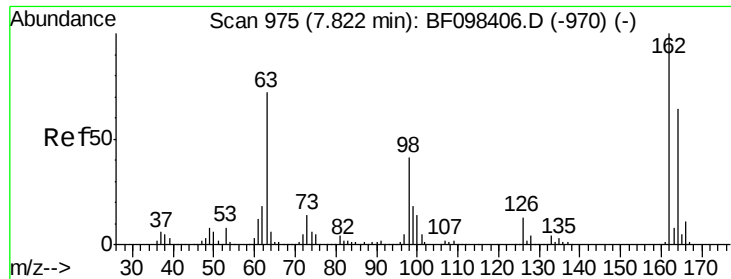
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#28
bis(2-Chloroethoxy)methane
Concen: 33.901 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	435796		
95	32.6	26.5	39.7	
123	10.6	9.0	13.4	





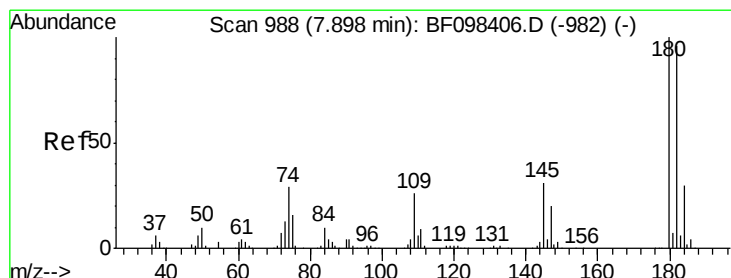
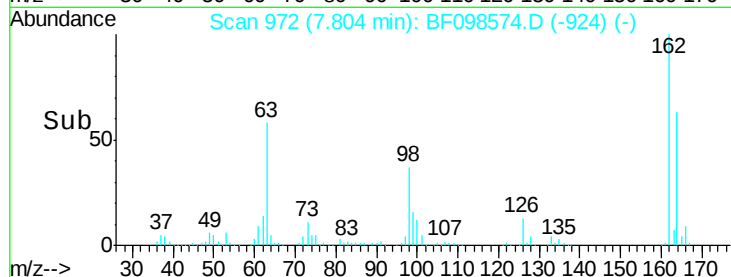
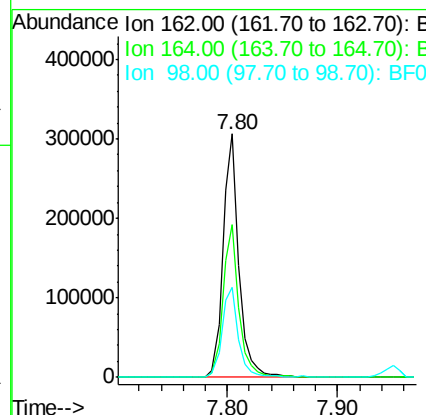
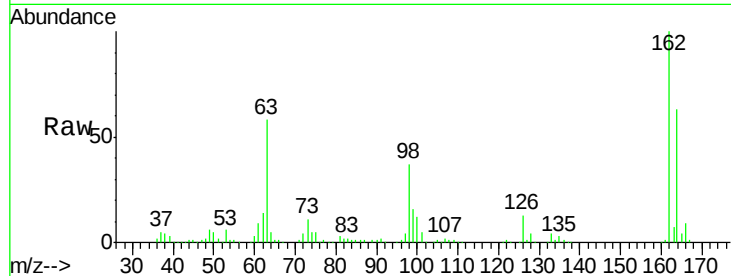
#29
2,4-Dichlorophenol
Concen: 39.981 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB102329BS

Tgt Ion:	162	Resp:	303553
Ion Ratio	Lower	Upper	
162	100		
164	62.7	44.6	84.6
98	36.8	14.8	54.8

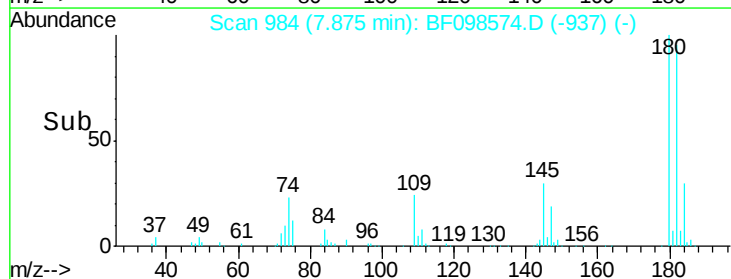
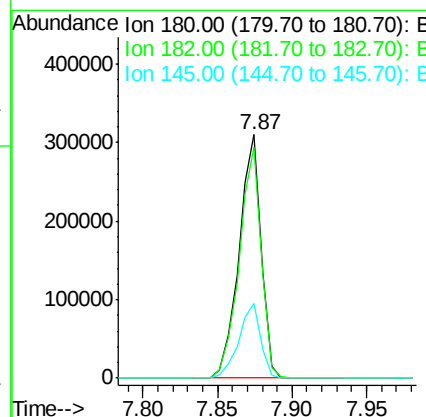
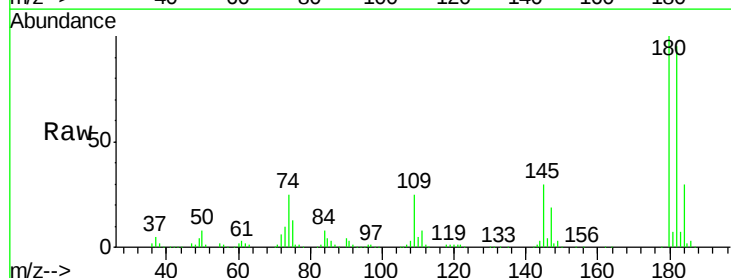
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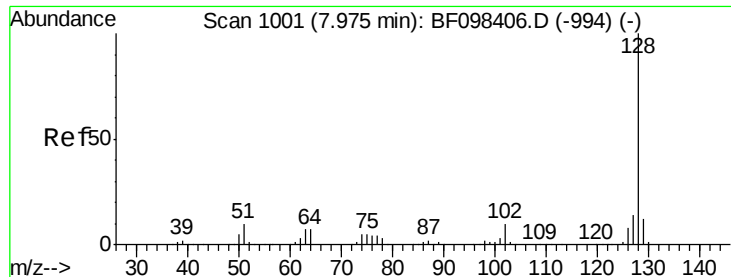
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#30
1,2,4-Trichlorobenzene
Concen: 38.787 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:	180	Resp:	320344
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.8	113.6
145	30.5	25.3	37.9





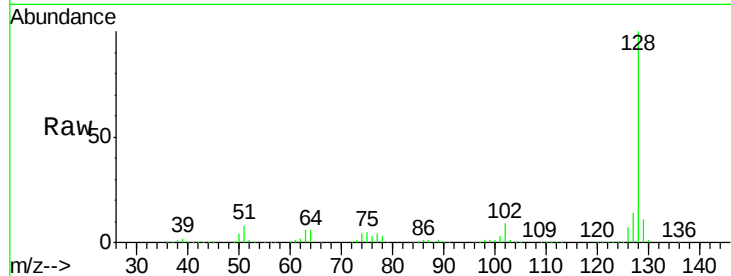
#31
Naphthalene
Concen: 36.913 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampled :
PB102329BS

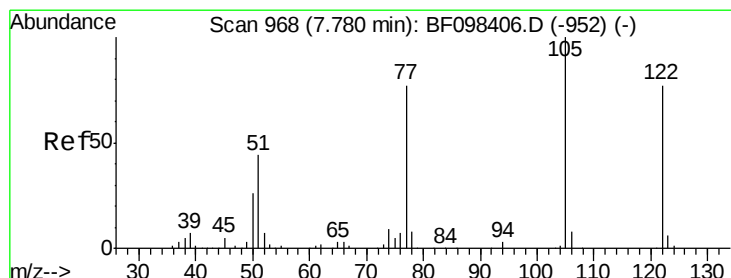
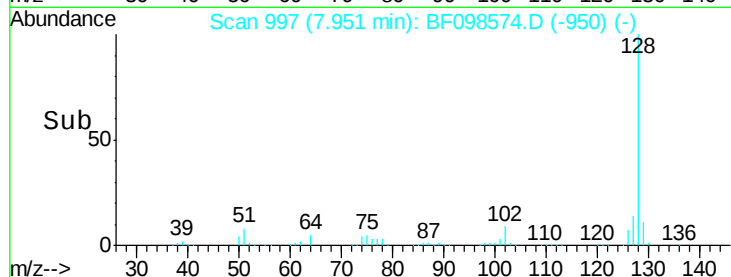
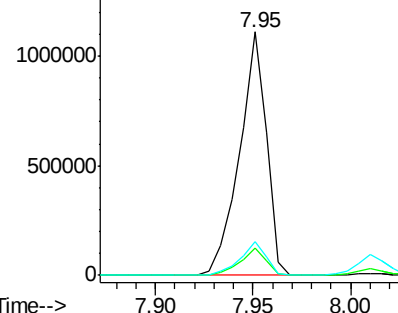
Tgt Ion:128 Resp: 1059317
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.7 10.8 16.2

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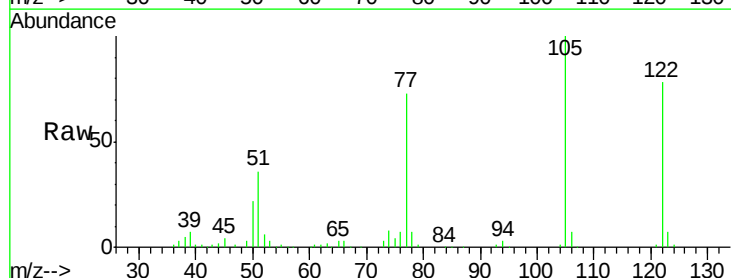


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

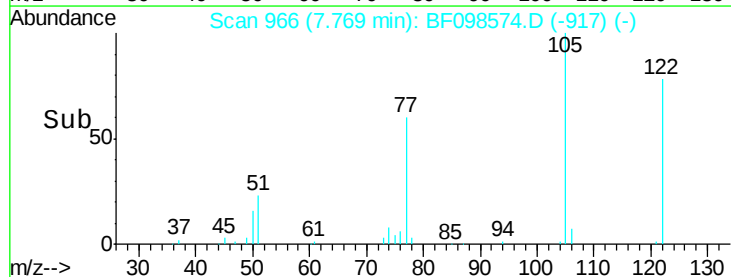
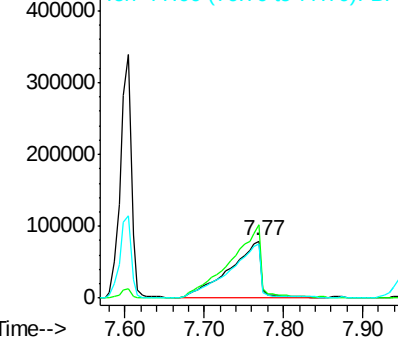


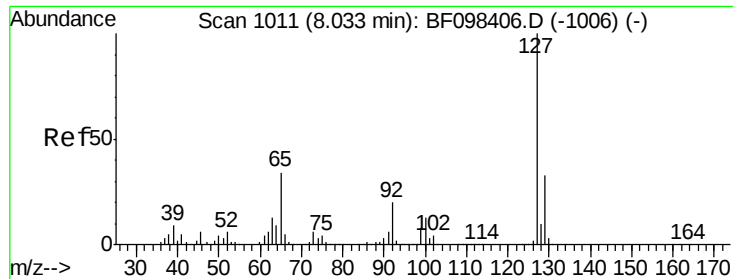
#32
Benzoic acid
Concen: 38.532 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion:122 Resp: 224423
Ion Ratio Lower Upper
122 100
105 128.8 103.3 143.3
77 94.6 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





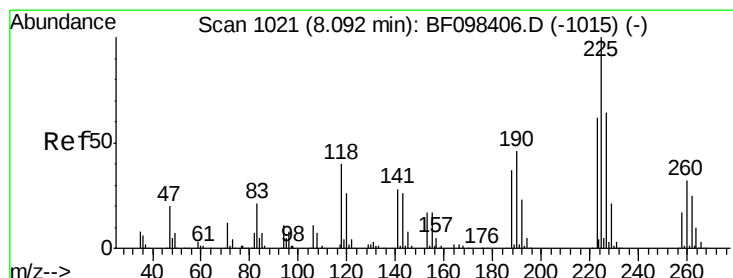
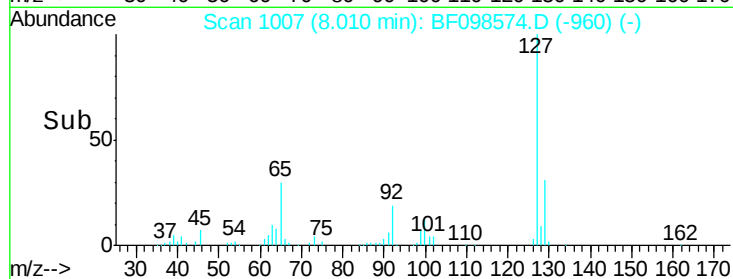
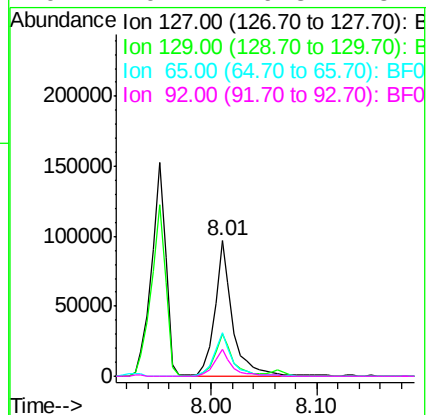
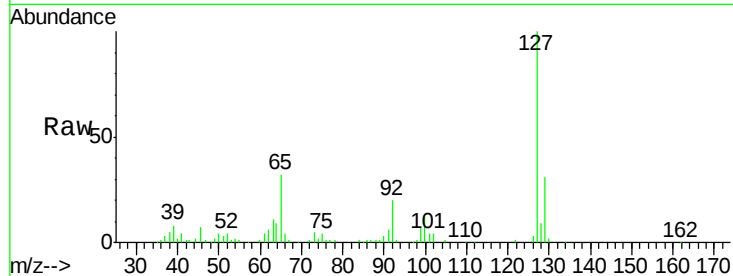
#33
4-Chloroaniline
Concen: 9.789 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	114169		
129	31.3	26.2	39.2	
65	32.1	27.8	41.8	
92	19.7	16.8	25.2	

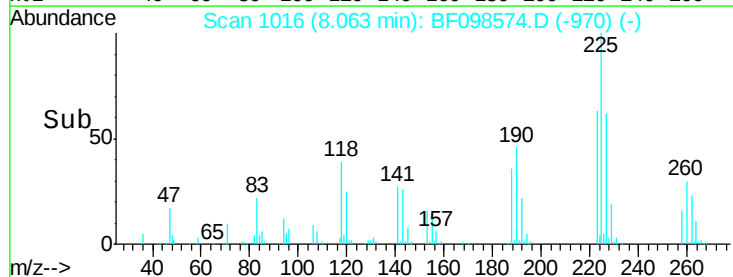
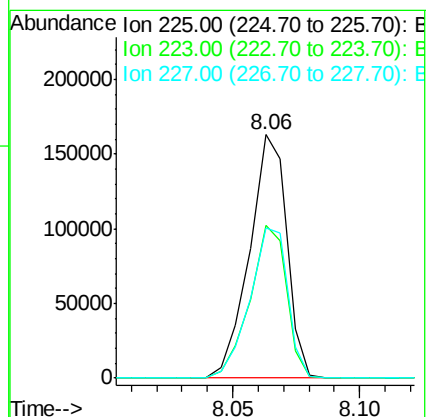
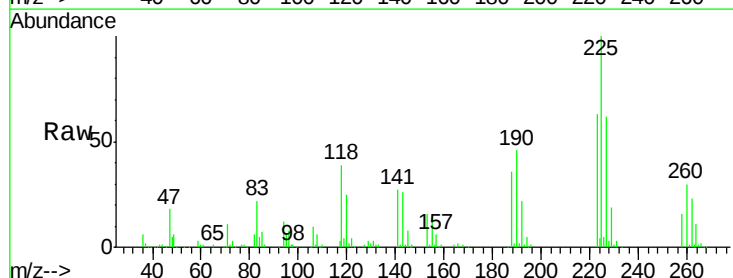
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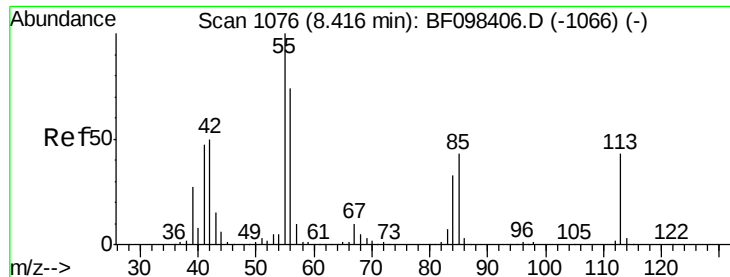
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#34
Hexachlorobutadiene
Concen: 39.422 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.03 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	167147		
223	63.0	48.8	73.2	
227	61.7	51.1	76.7	





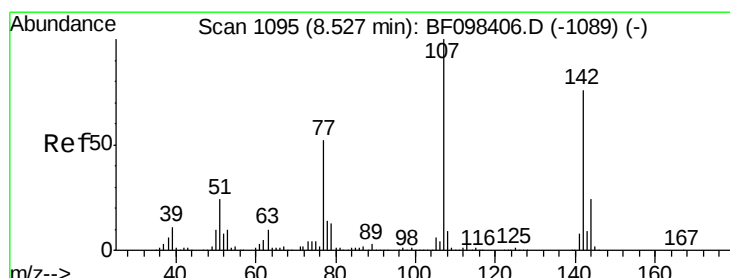
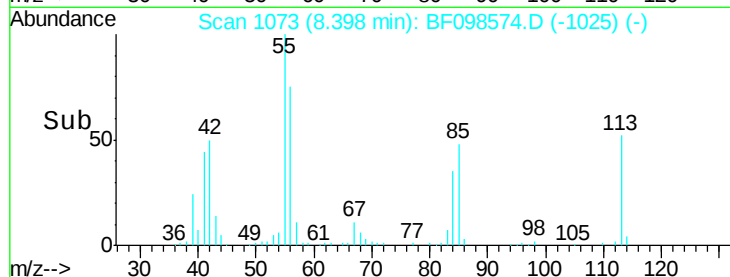
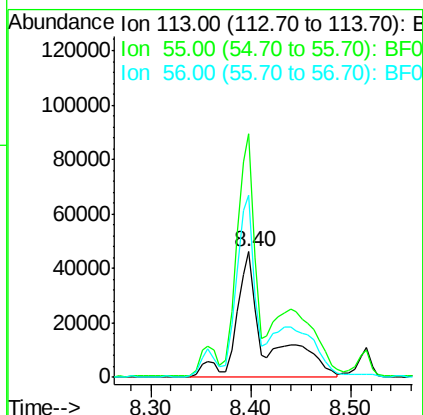
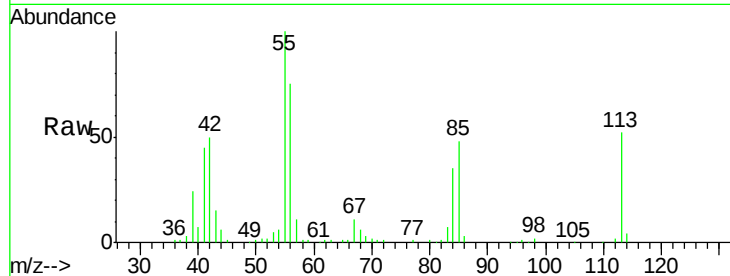
#35
 Caprolactam
 Concen: 37.776 ng m
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BS

Tgt Ion:113 Resp: 98903
 Ion Ratio Lower Upper
 113 100
 55 193.8 150.2 190.2#
 56 144.8 107.8 147.8

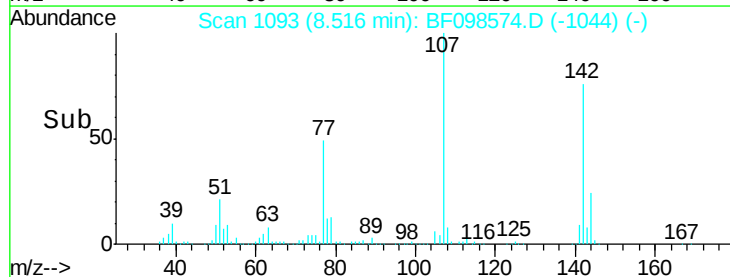
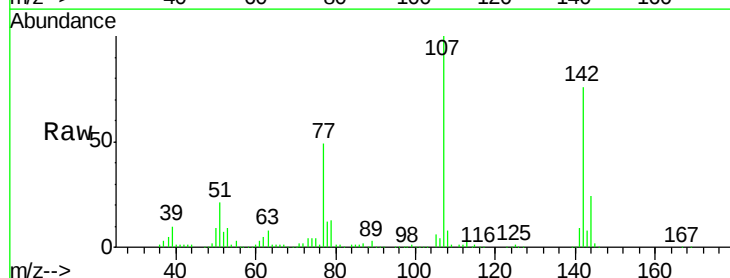
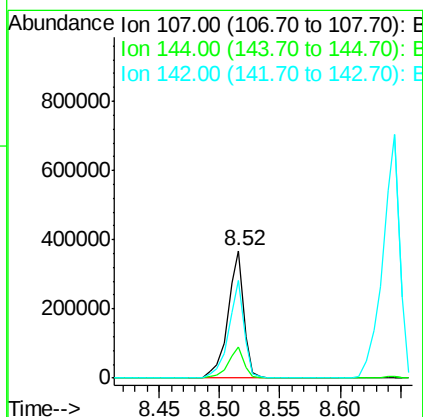
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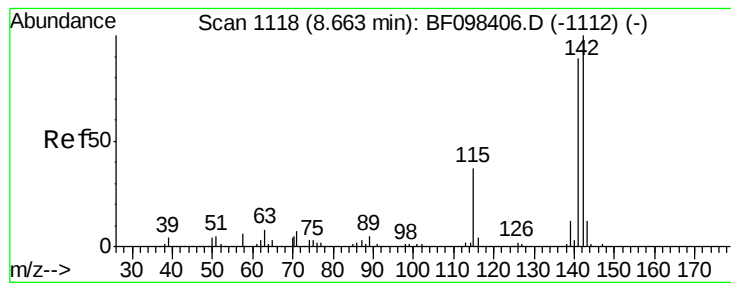
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#36
 4-Chloro-3-methylphenol
 Concen: 35.901 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

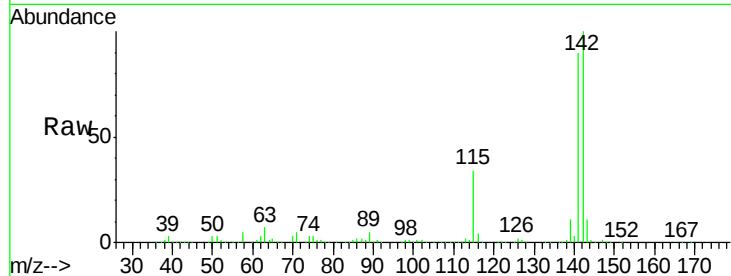
Tgt Ion:107 Resp: 338038
 Ion Ratio Lower Upper
 107 100
 144 24.4 24.2 36.4
 142 76.4 73.4 110.0





#37
2-Methylnaphthalene
Concen: 39.800 ng
RT: 8.65 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

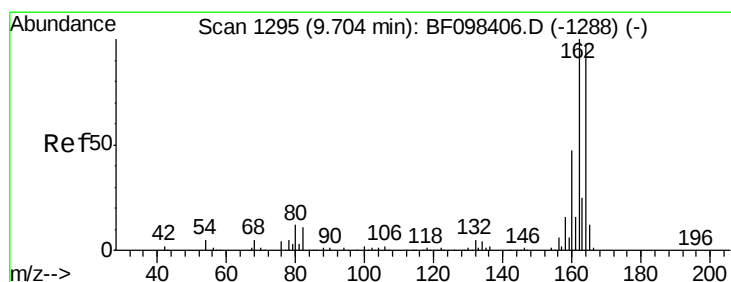
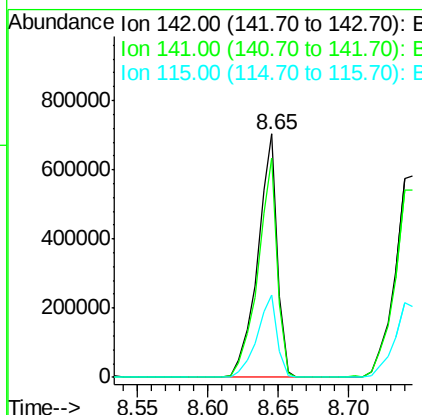
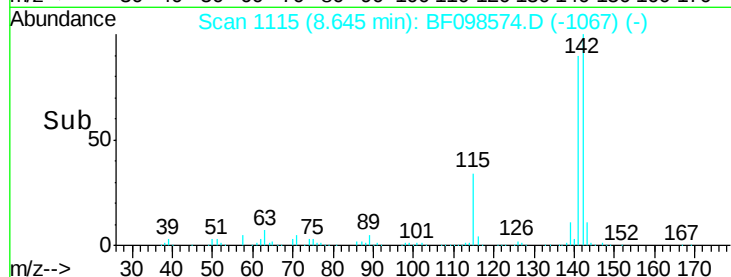
Instrument :
BNA_F
ClientSampleId :
PB102329BS



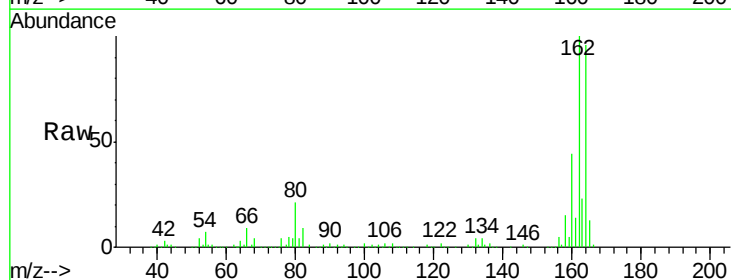
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	691838		
141	89.9	71.3	106.9	
115	33.6	27.1	40.7	

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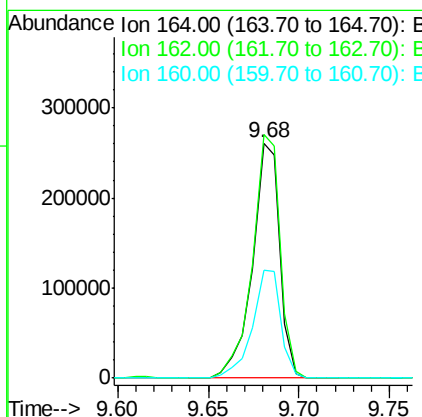
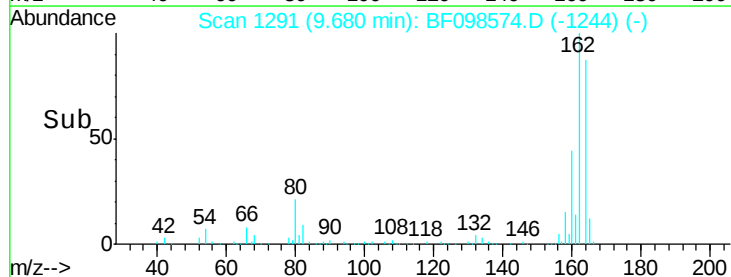
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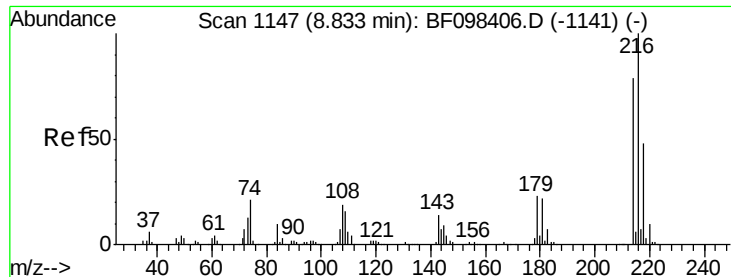


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42



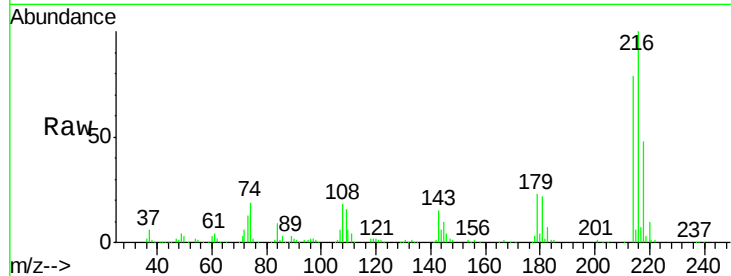
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	272385		
162	103.8	82.6	123.8	
160	46.0	36.2	54.2	





#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.175 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

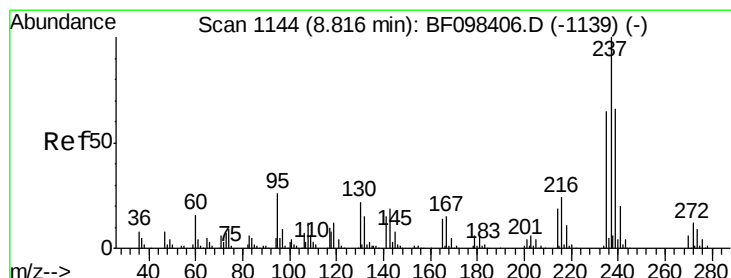
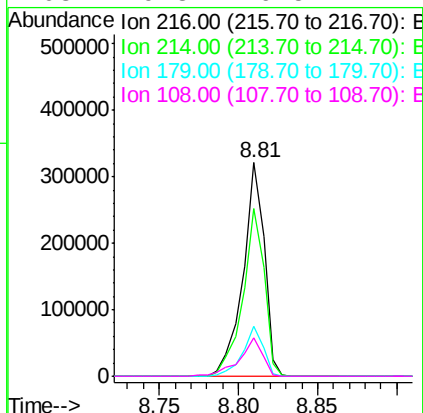
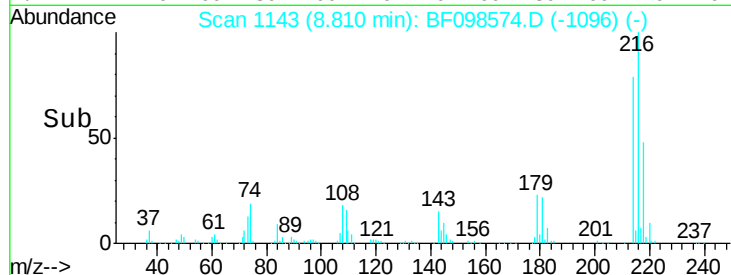
Instrument :
 BNA_F
 ClientSampleID :
 PB102329BS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	298454		
214	78.6	63.4	95.2	
179	22.6	17.9	26.9	
108	19.8	16.5	24.7	

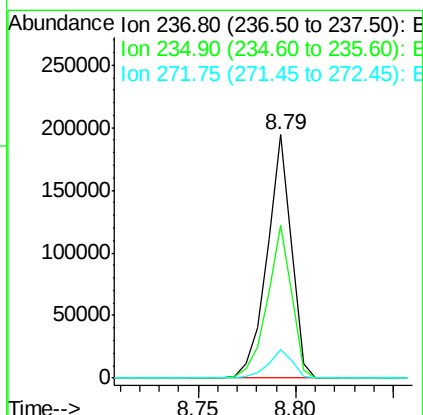
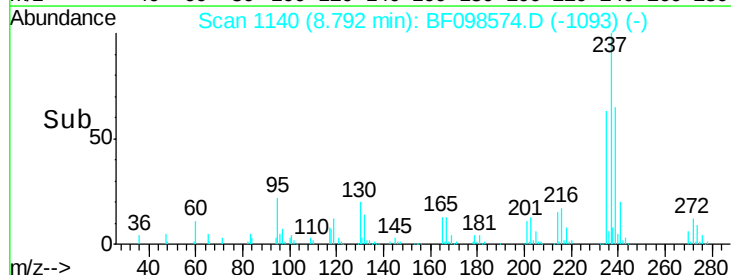
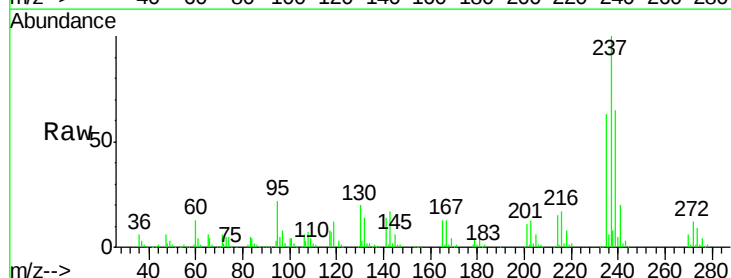
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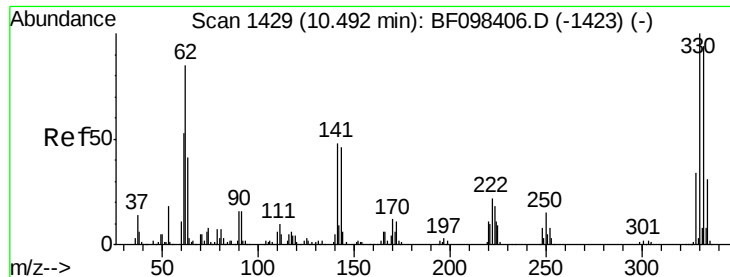
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#40
 Hexachlorocyclopentadiene
 Concen: 68.685 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	166723		
235	63.0	42.6	82.6	
272	11.8	0.0	31.9	





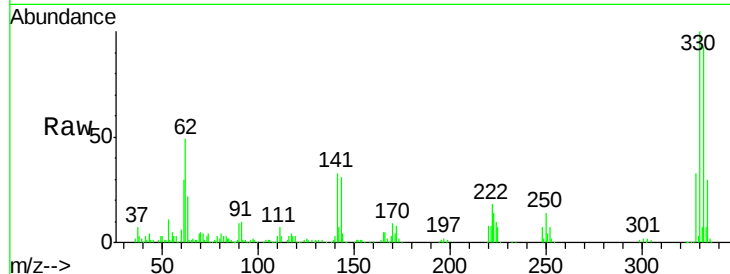
#41
 2,4,6-Tribromophenol
 Concen: 145.787 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BS

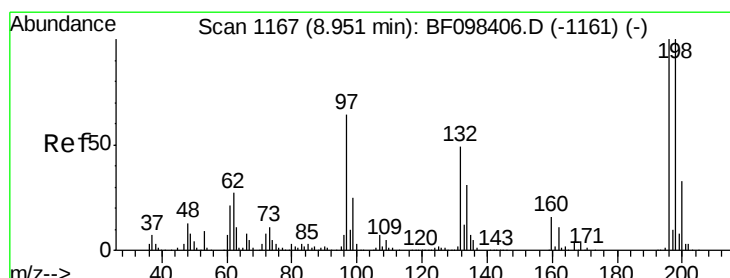
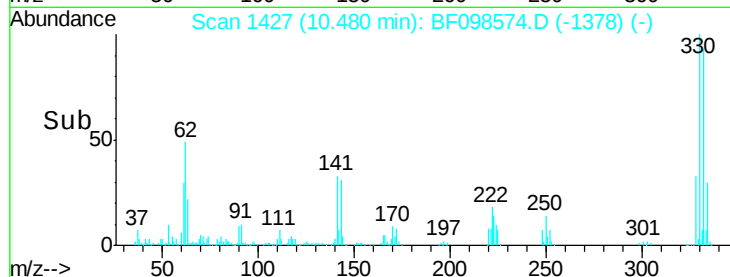
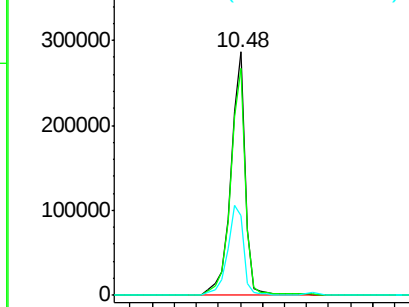
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	265033		
332	95.9	76.6	115.0	
141	40.8	31.4	47.2	

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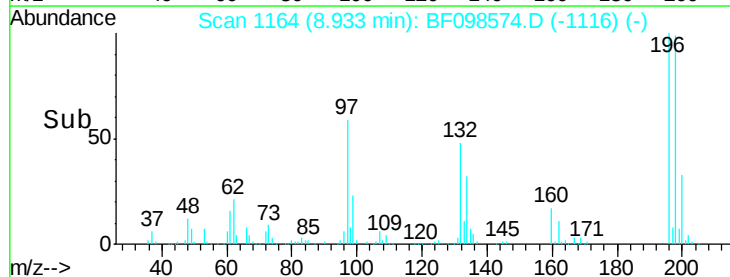
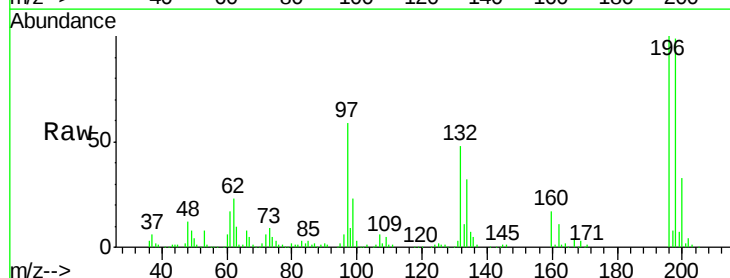
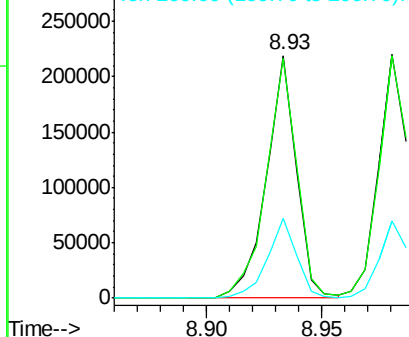
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

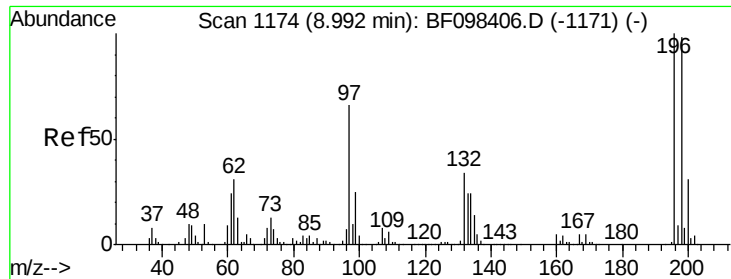


#42
 2,4,6-Trichlorophenol
 Concen: 39.881 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198753		
198	98.7	74.2	111.4	
200	32.7	24.0	36.0	

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





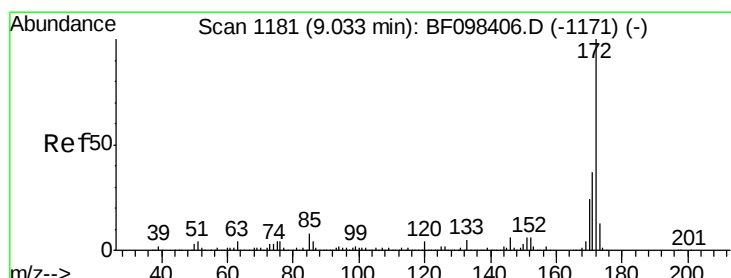
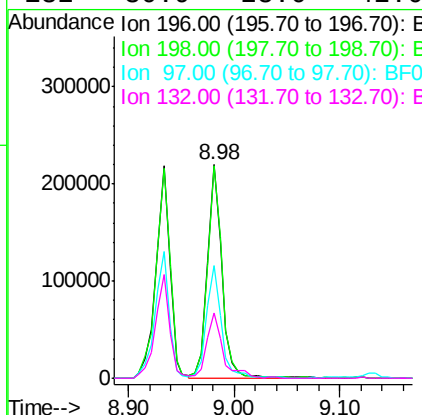
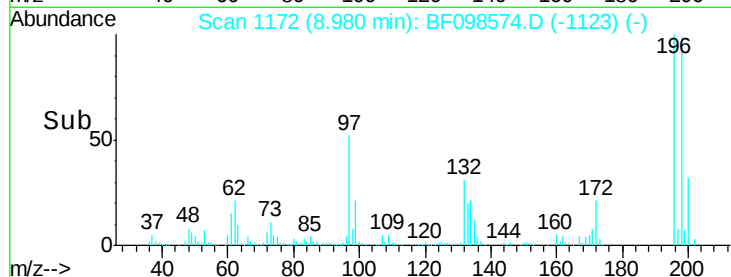
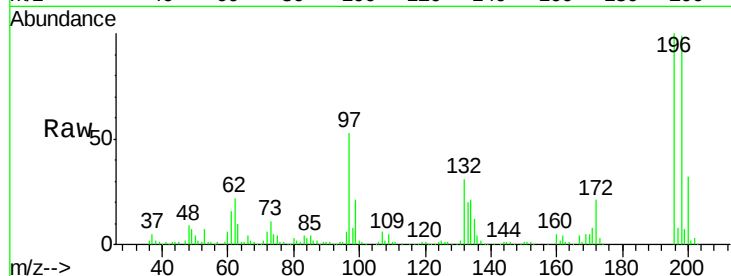
#43
 2,4,5-Trichlorophenol
 Concen: 40.547 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	211210		
198	99.5	75.7	113.5	
97	52.6	47.7	71.5	
132	30.9	28.0	42.0	

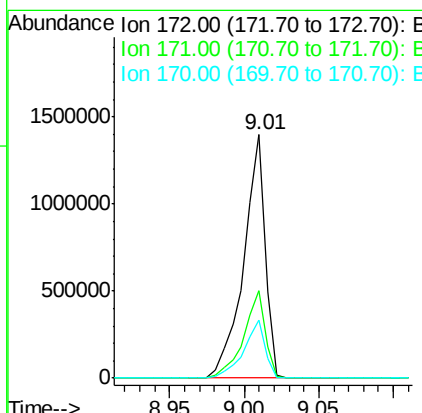
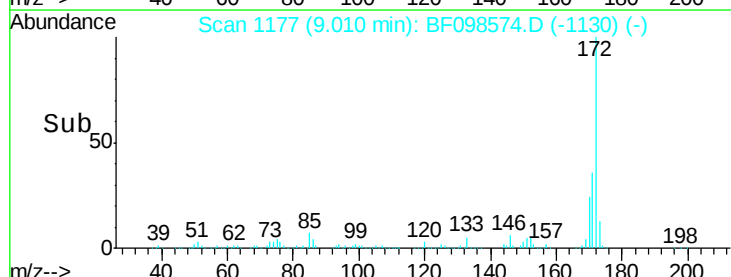
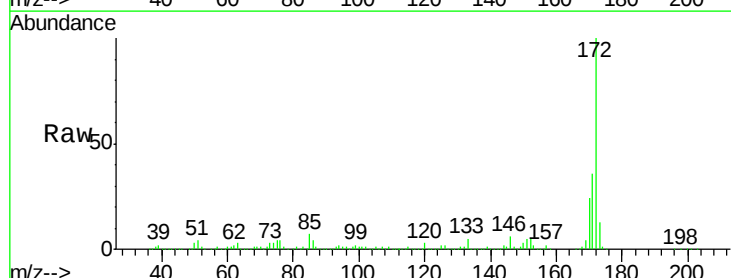
Manual Integrations
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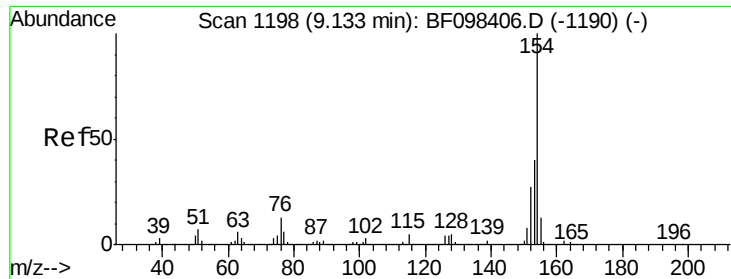
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 87.056 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1399049		
171	36.1	29.6	44.4	
170	24.0	19.8	29.8	





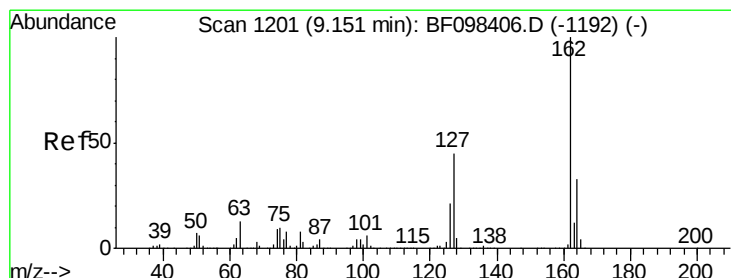
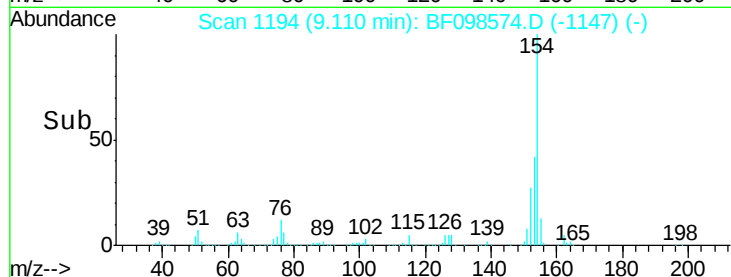
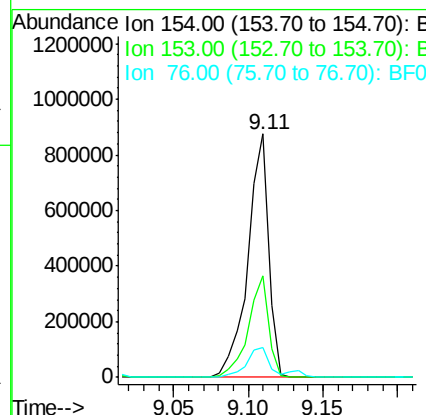
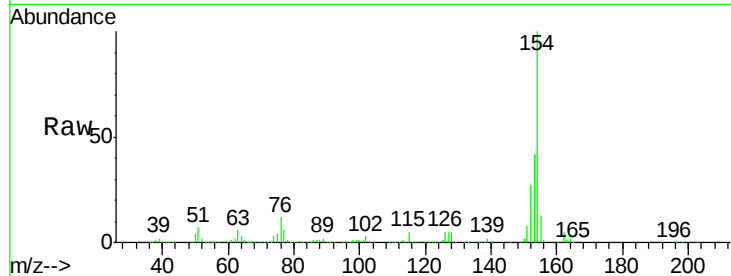
#45
 1,1'-Biphenyl
 Concen: 34.526 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Instrument :
 BNA_F
 ClientSampled :
 PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	841735		
153	41.5	21.2	61.2	
76	12.5	0.0	29.9	

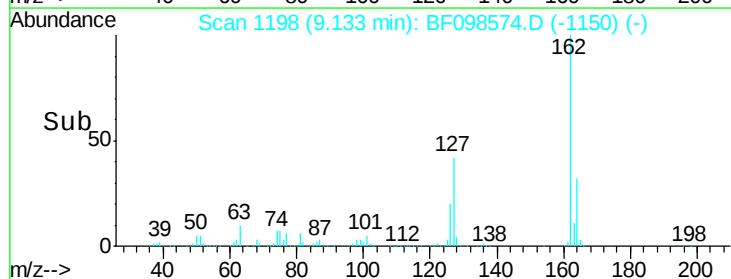
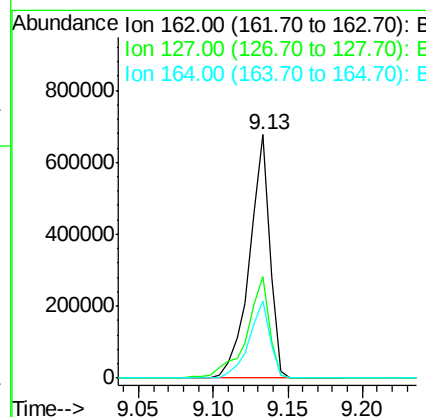
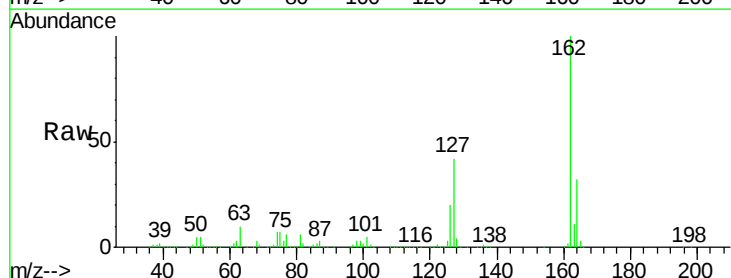
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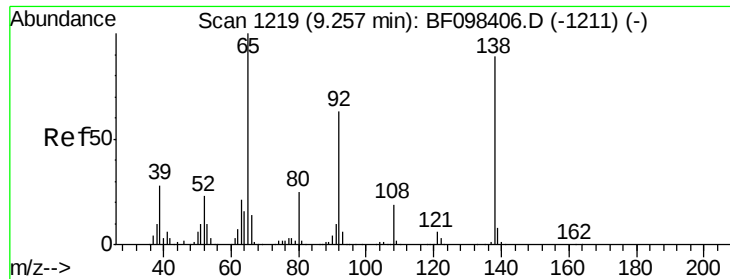
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#46
 2-Chloronaphthalene
 Concen: 36.701 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	639021		
127	41.7	28.3	42.5	
164	31.8	27.0	40.4	





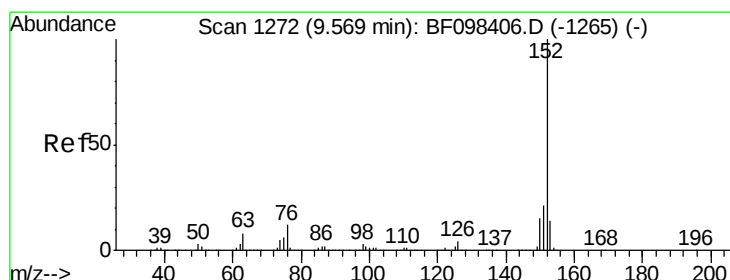
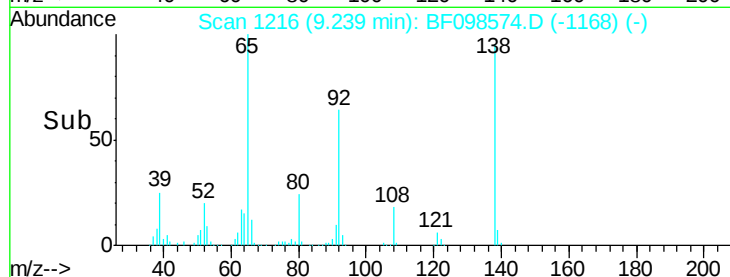
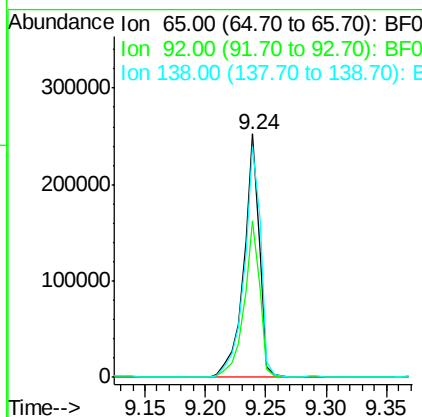
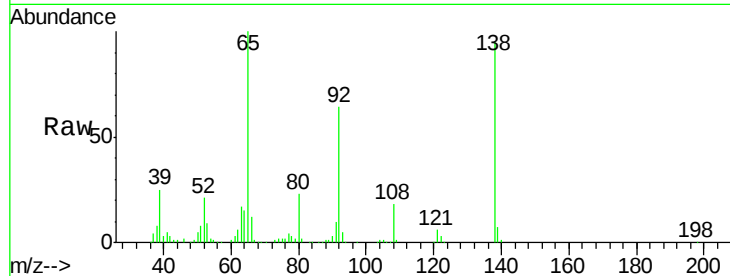
#47
2-Nitroaniline
Concen: 33.907 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	226596		
92	64.4	53.9	80.9	
138	94.8	78.8	118.2	

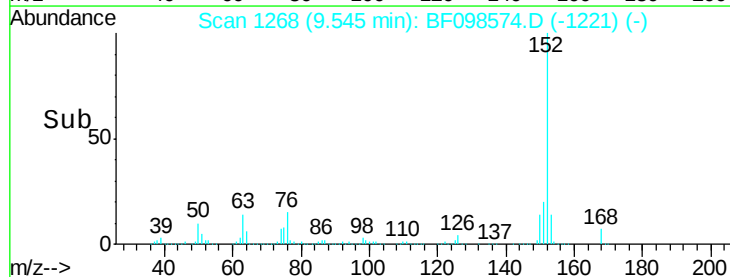
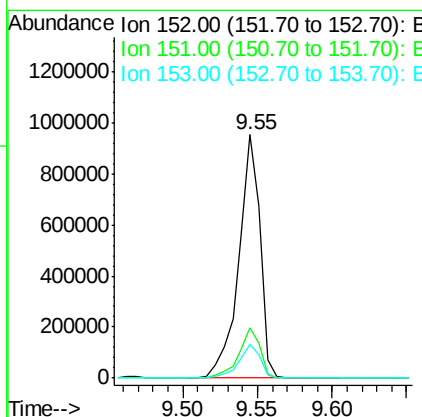
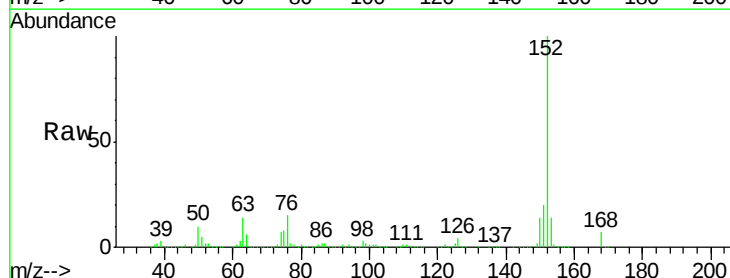
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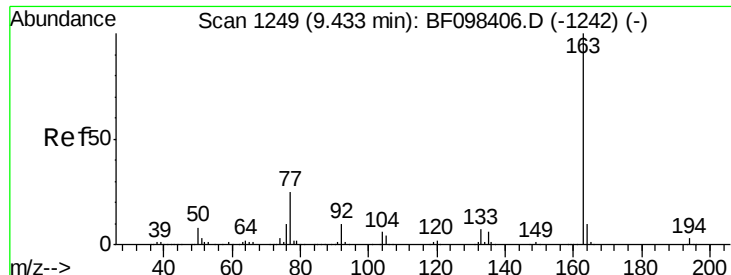
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#48
Acenaphthylene
Concen: 36.364 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	941423		
151	20.5	16.8	25.2	
153	14.0	10.8	16.2	





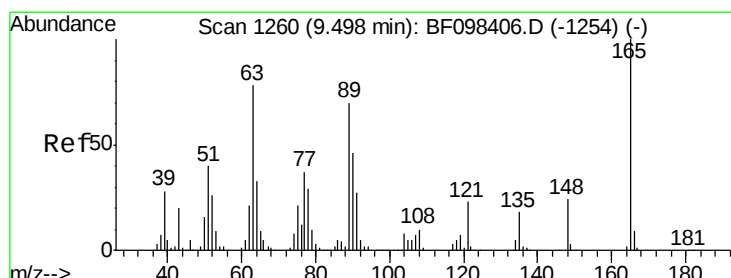
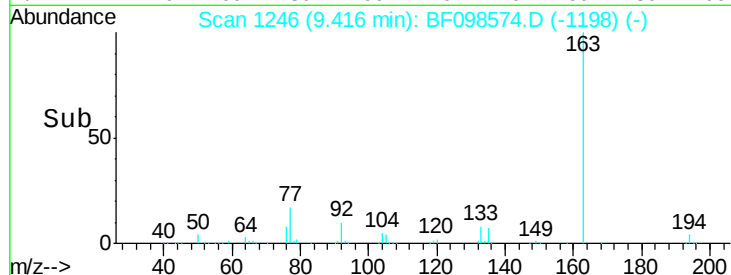
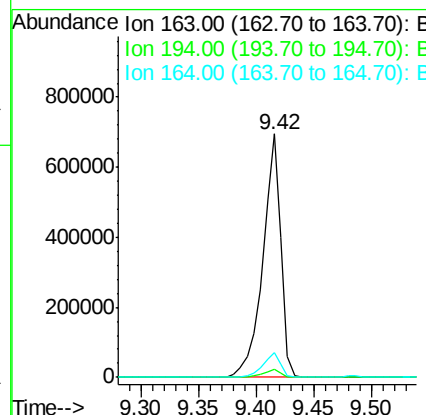
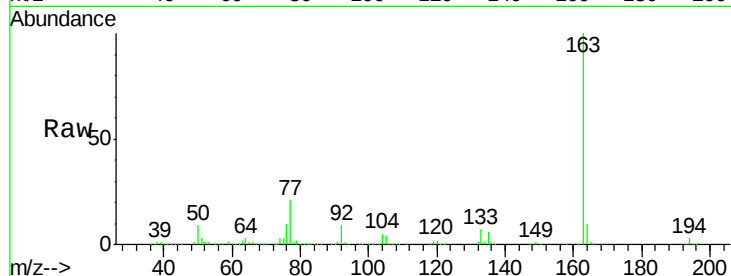
#49
Dimethylphthalate
Concen: 35.962 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB102329BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.3	8.4	12.6

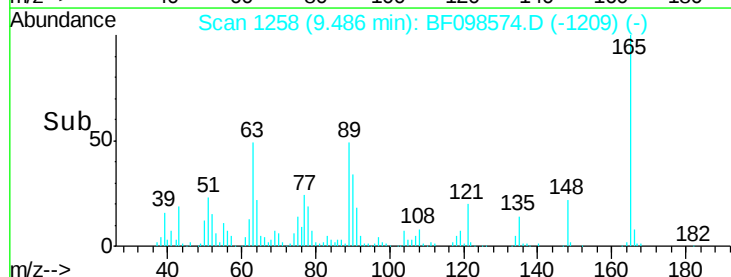
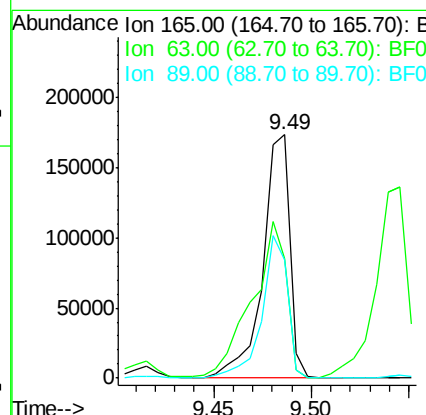
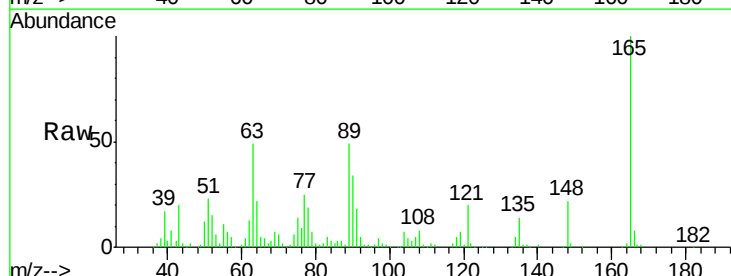
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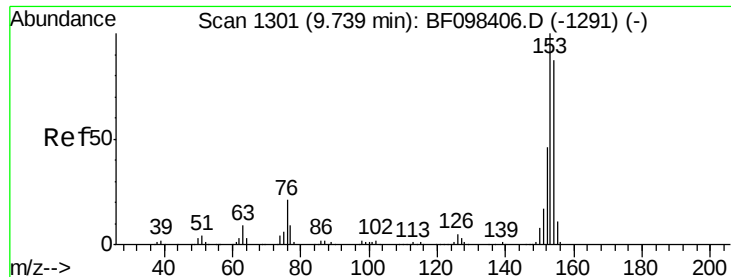
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#50
2,6-Dinitrotoluene
Concen: 38.365 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	49.0	34.3	51.5
89	48.7	37.1	55.7





#51

Acenaphthene

Concen: 36.432 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

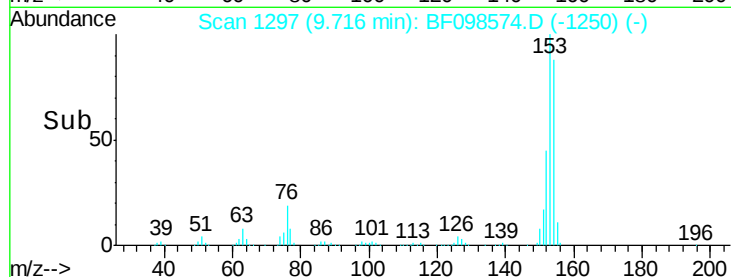
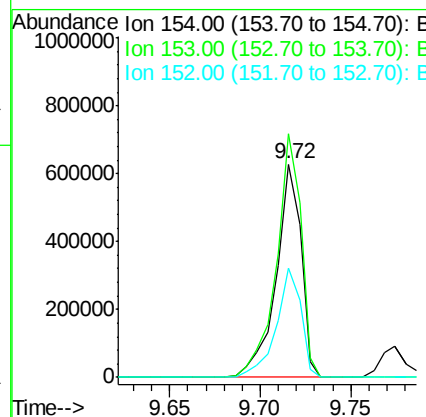
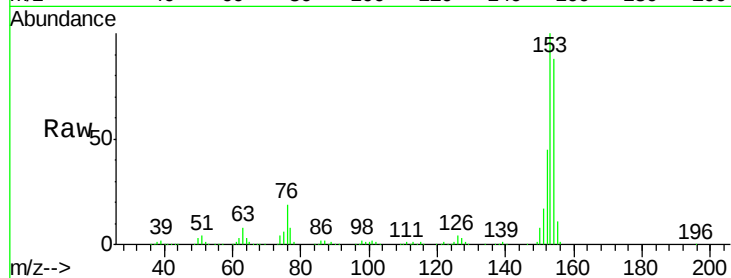
ClientSampleId :

PB102329BS

Tgt Ion:	154	Resp:	599535
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.5	135.7
152	51.4	43.6	65.4

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#52

3-Nitroaniline

Concen: 18.044 ng

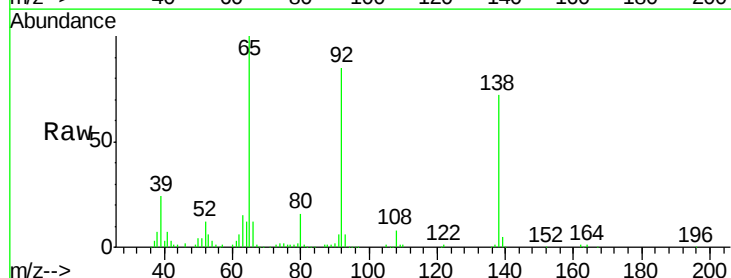
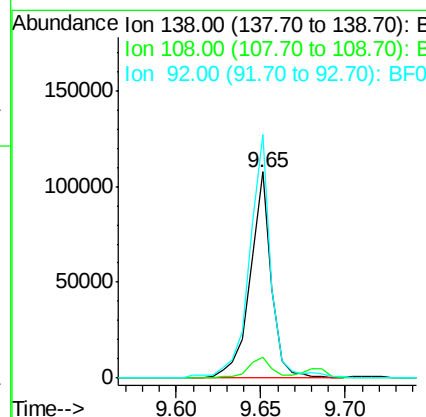
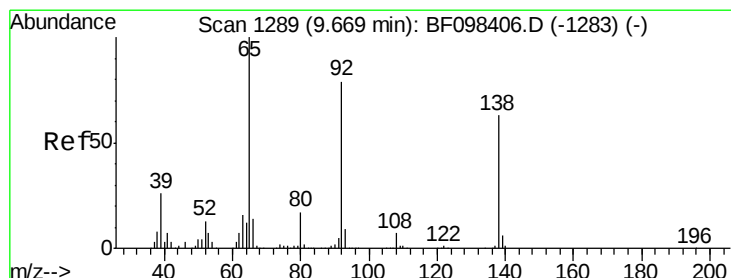
RT: 9.65 min Scan# 1286

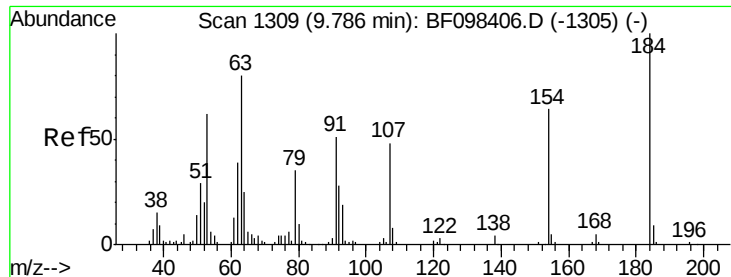
Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Tgt Ion:	138	Resp:	94335
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.1	13.7
92	118.0	93.8	140.6





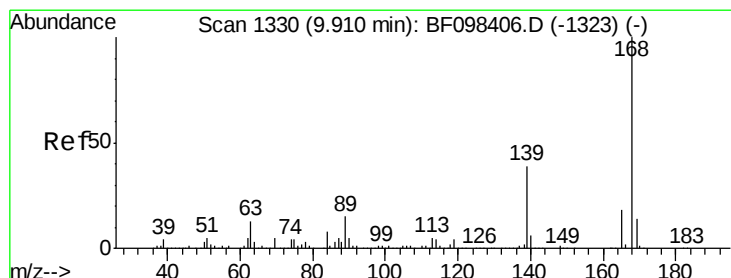
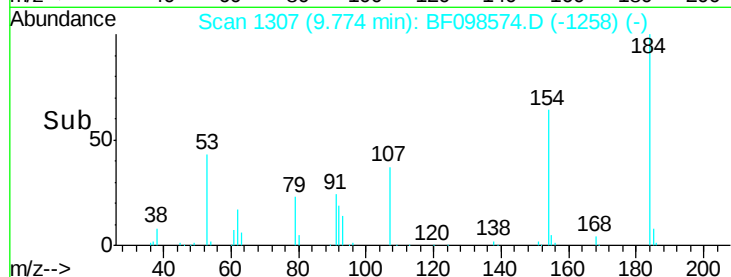
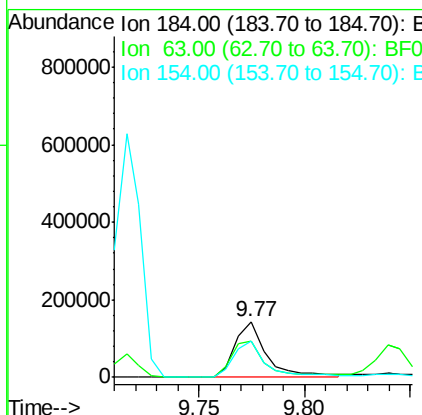
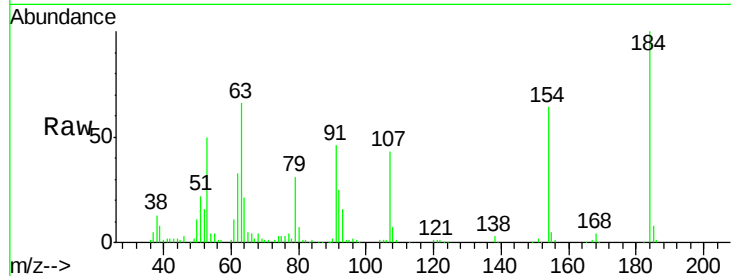
#53
 2,4-Dinitrophenol
 Concen: 73.714 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	149380		
63	65.9	62.7	94.1	
154	64.2	81.1	121.7	

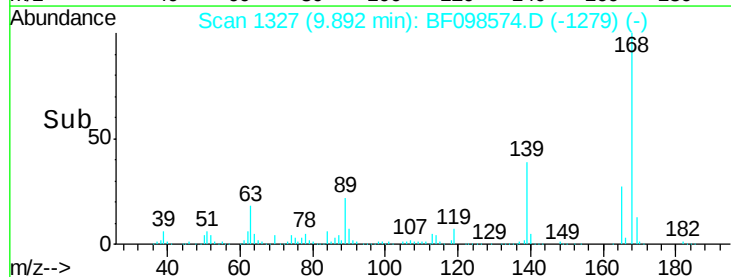
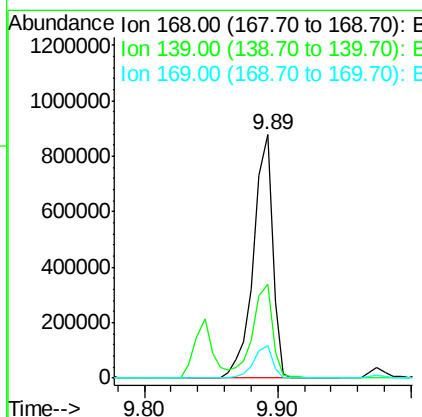
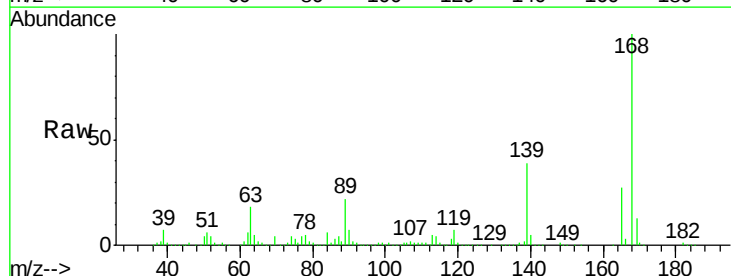
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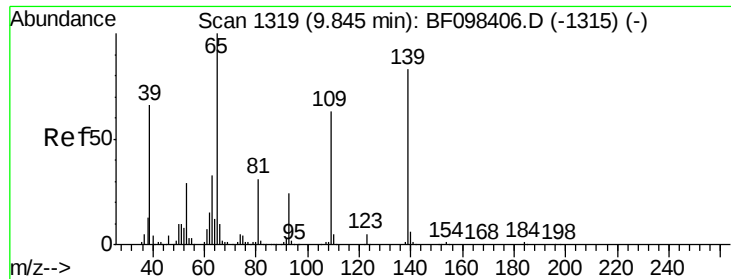
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#54
 Dibenzofuran
 Concen: 39.721 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	861139		
139	38.6	30.6	45.8	
169	13.4	10.8	16.2	





#55

4-Nitrophenol

Concen: 66.589 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

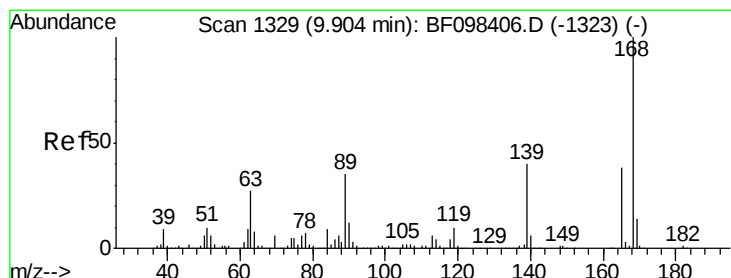
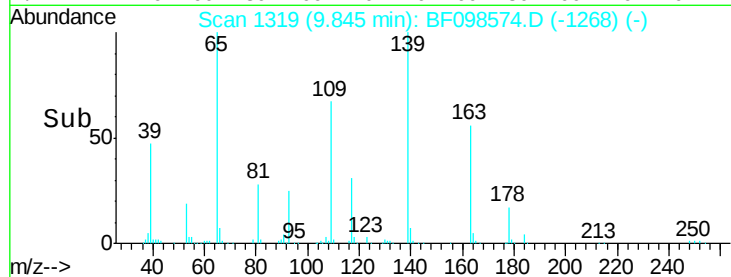
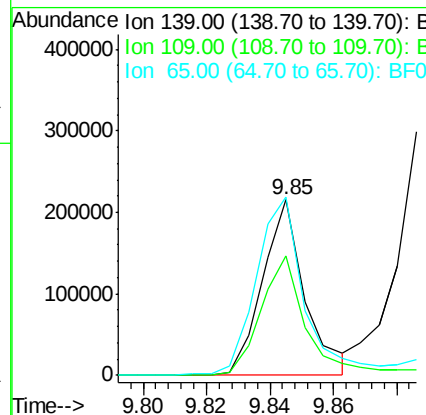
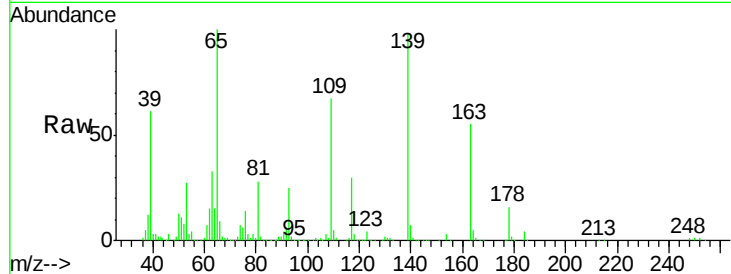
ClientSampleId :

PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	200016		
109	68.2	34.1	74.1	
65	101.8	31.4	71.4	

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#56

2,4-Dinitrotoluene

Concen: 40.587 ng

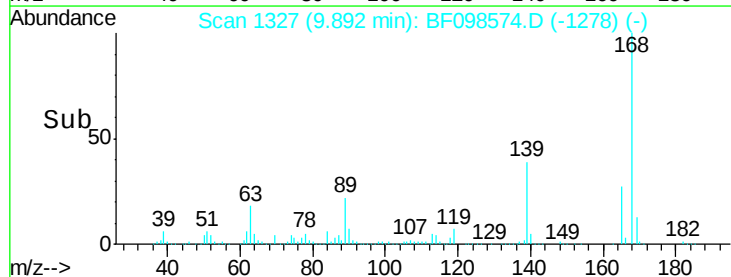
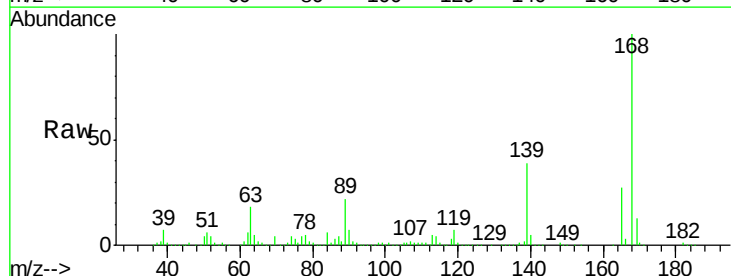
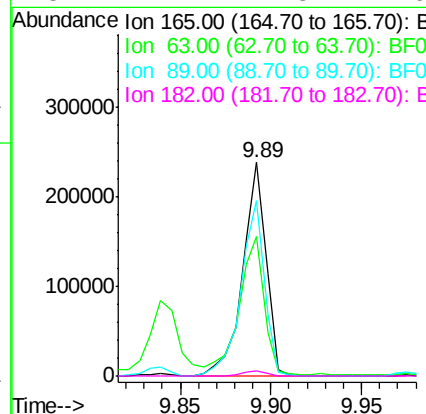
RT: 9.89 min Scan# 1327

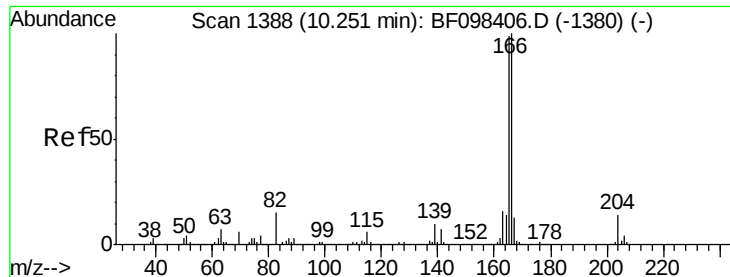
Delta R.T. -0.01 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	213711		
63	65.4	25.4	38.0	
89	82.3	46.4	69.6	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 37.829 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

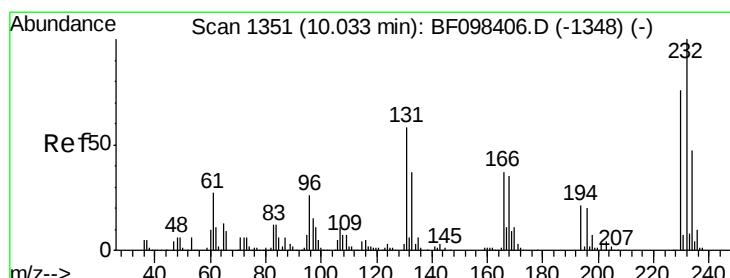
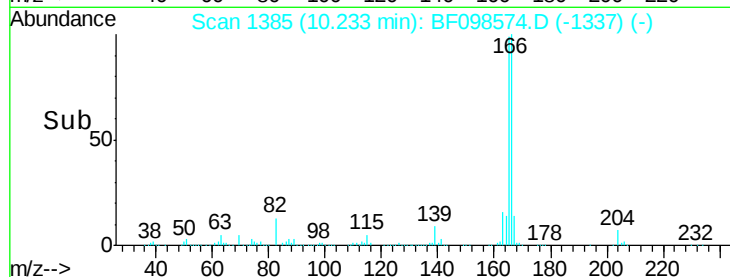
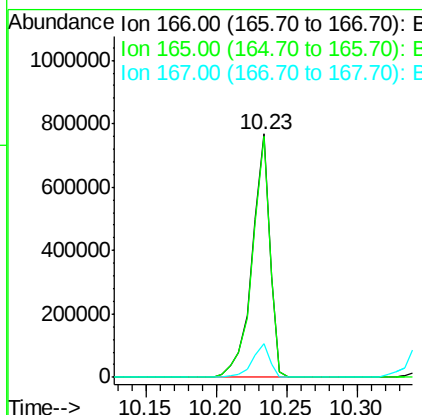
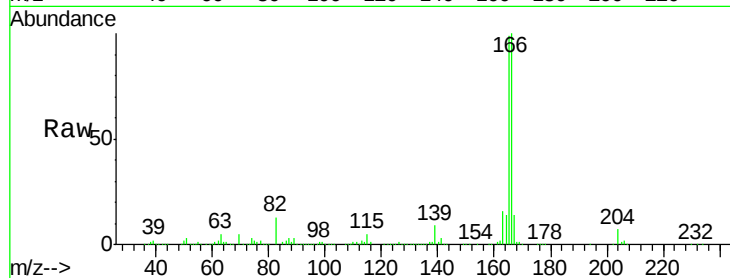
ClientSampleId :

PB102329BS

Tgt Ion:	166	Resp:	678824
Ion Ratio	Lower	Upper	
166	100		
165	99.1	78.8	118.2
167	13.6	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.148 ng

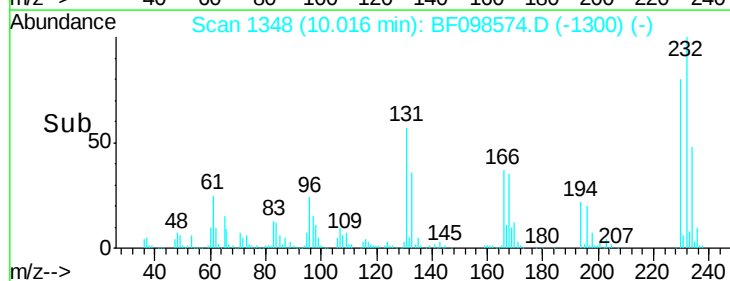
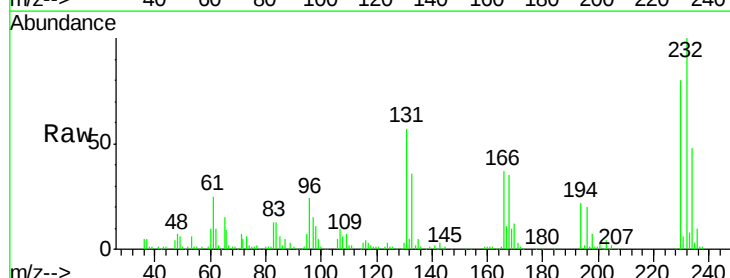
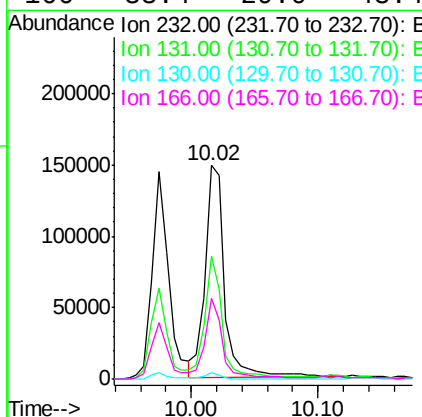
RT: 10.02 min Scan# 1348

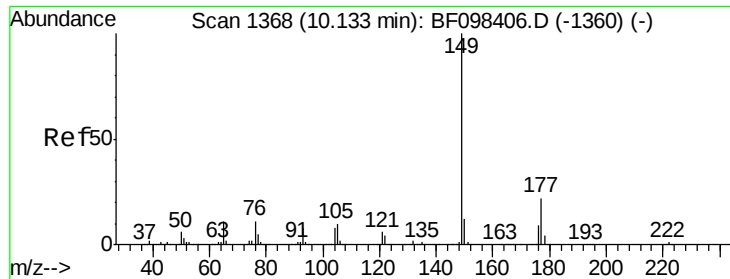
Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Tgt Ion:	232	Resp:	161552
Ion Ratio	Lower	Upper	
232	100		
131	49.0	44.8	67.2
130	2.6	2.3	3.5
166	33.4	29.0	43.4





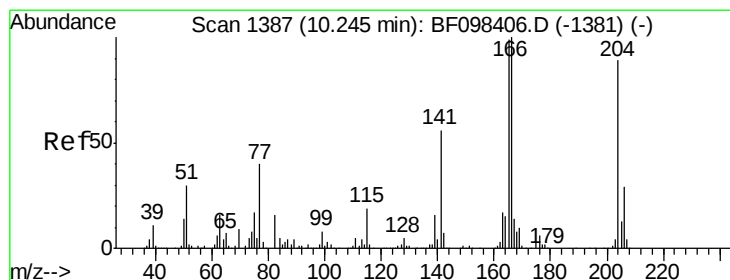
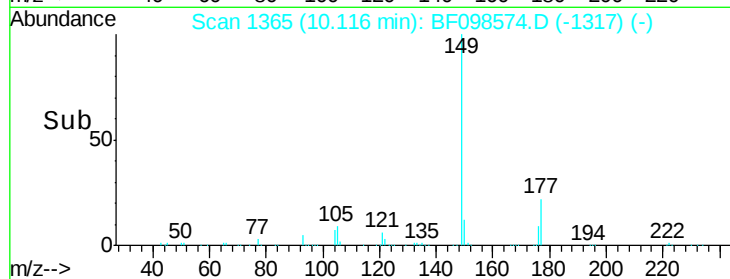
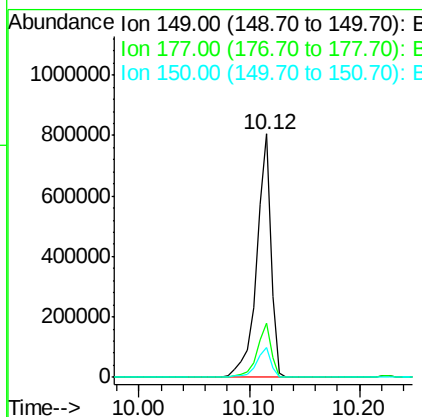
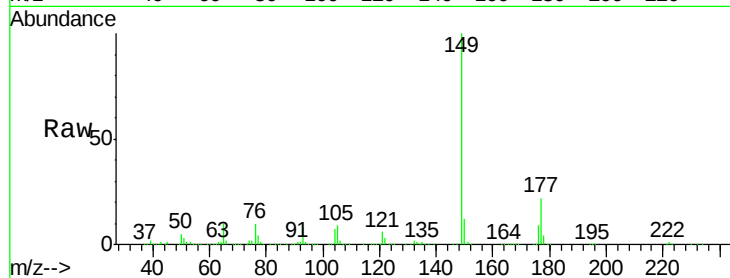
#59
Diethylphthalate
Concen: 36.466 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampled :
PB102329BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	16.7	25.1
150	12.5	10.2	15.2

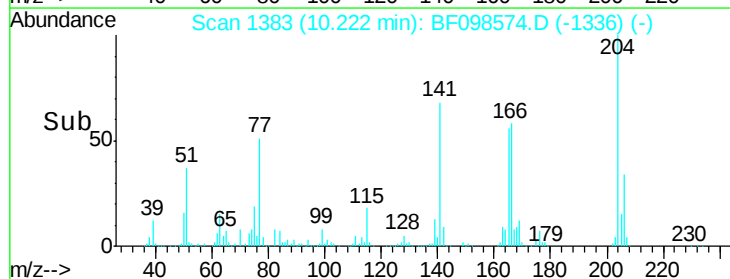
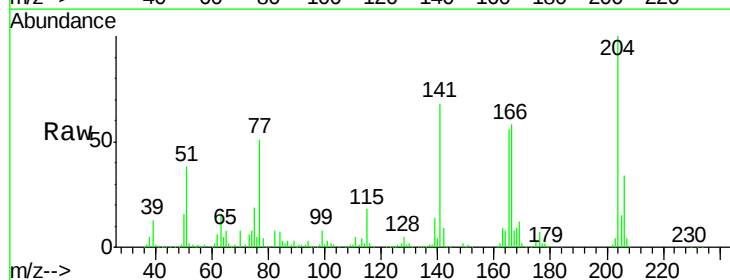
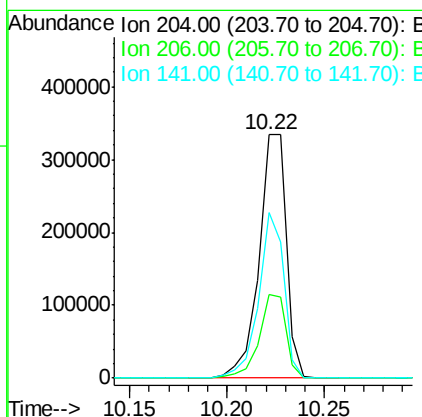
Manual Integrations
APPROVED

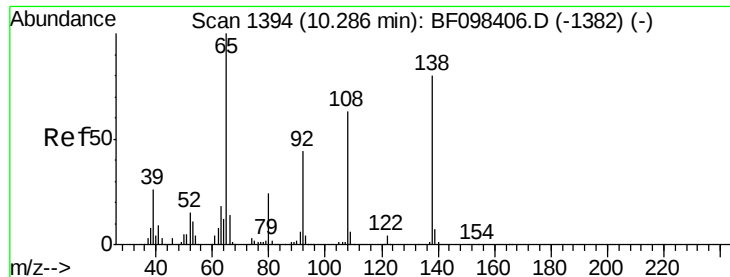
Sohil
9/18/2017 3:33:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 39.170 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.2	39.2
141	67.9	60.8	91.2





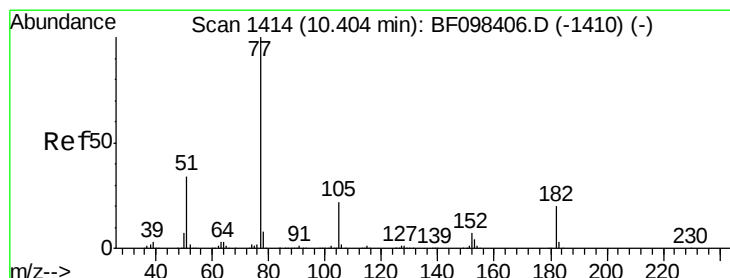
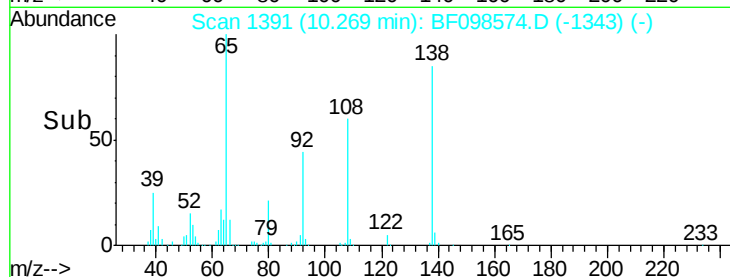
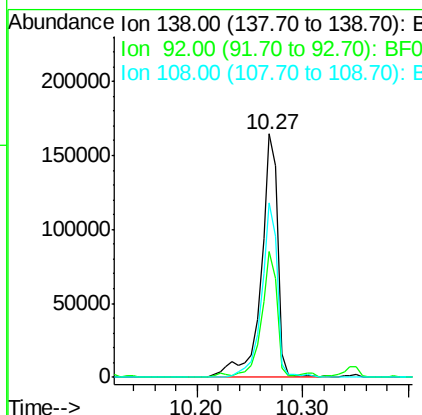
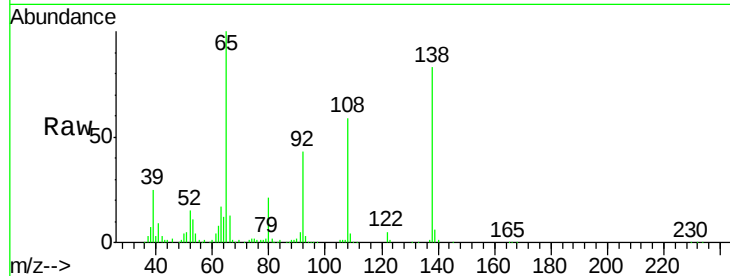
#61
4-Nitroaniline
Concen: 34.918 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	184366		
92	51.8	21.8	61.8	
108	71.5	42.3	82.3	

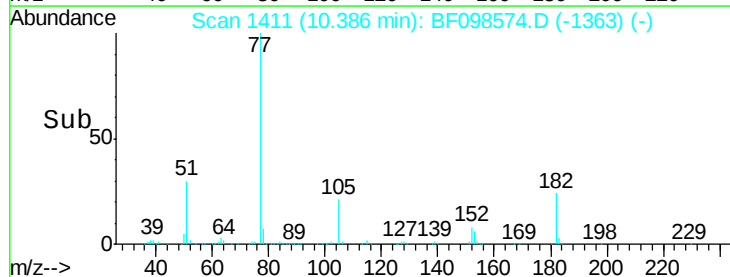
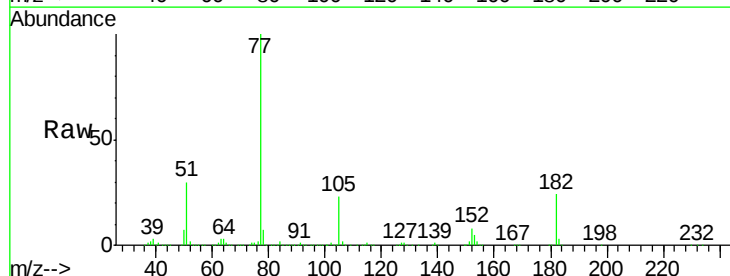
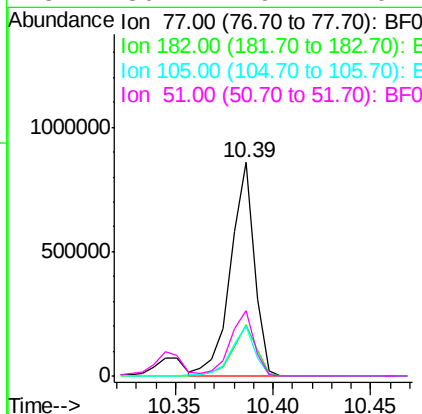
Manual Integrations
APPROVED

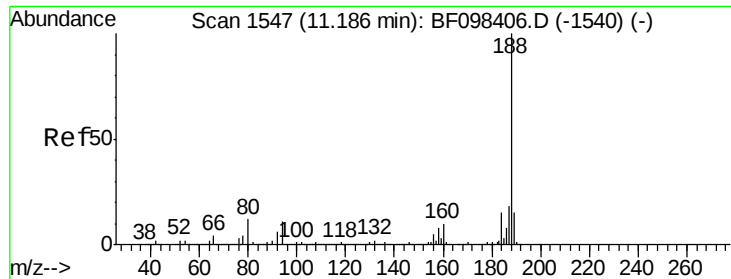
Sohil
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#62
Azobenzene
Concen: 33.671 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	727693		
182	23.9	0.1	40.1	
105	23.4	3.6	43.6	
51	30.4	9.4	49.4	





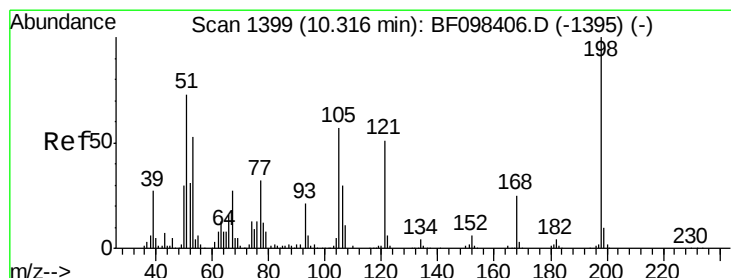
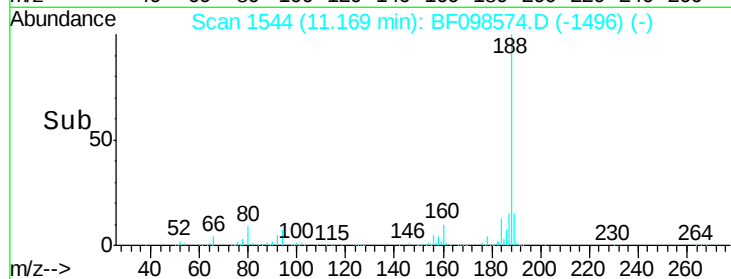
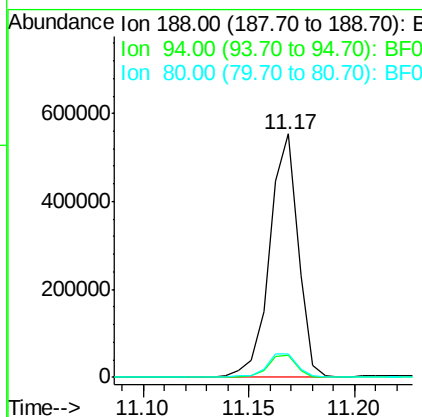
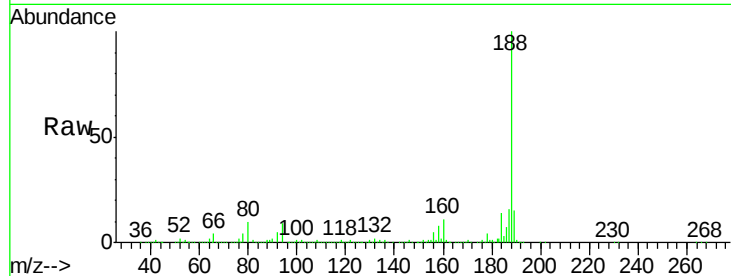
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampled :
PB102329BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	9.4	14.2#
80	9.8	10.2	15.2#

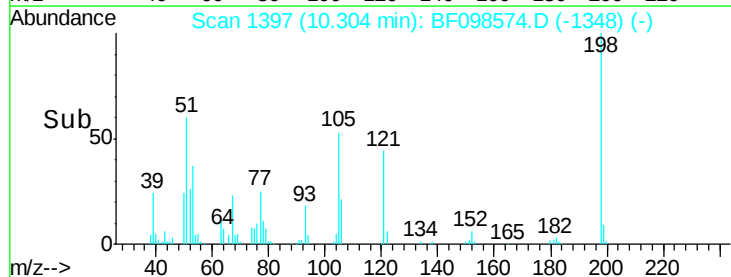
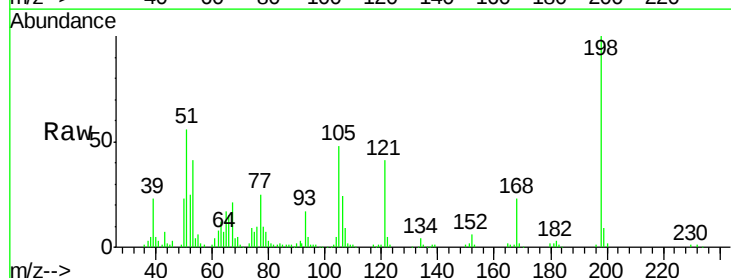
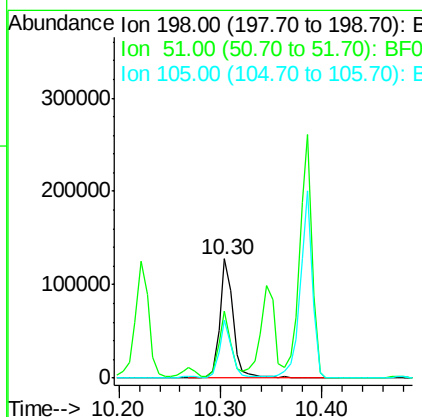
Manual Integrations
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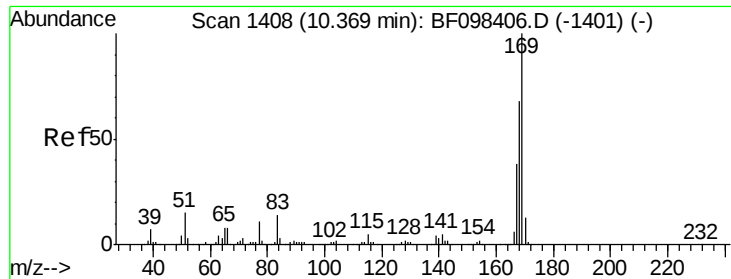
Sohil
9/18/2017 3:33:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 38.075 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	55.9	53.2	93.2
105	48.3	45.8	85.8





#65

n-Nitrosodiphenylamine

Concen: 36.387 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

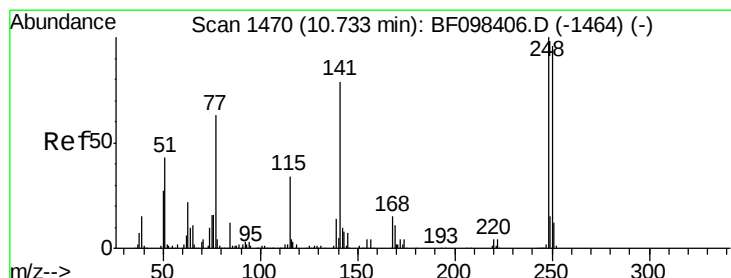
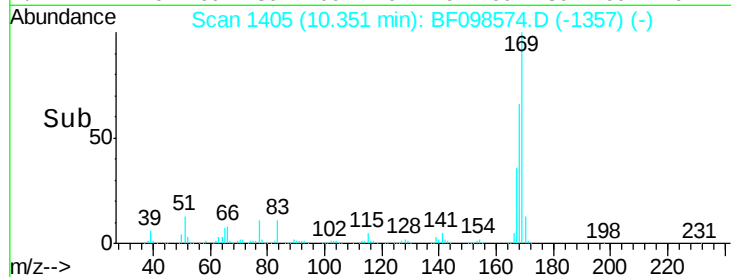
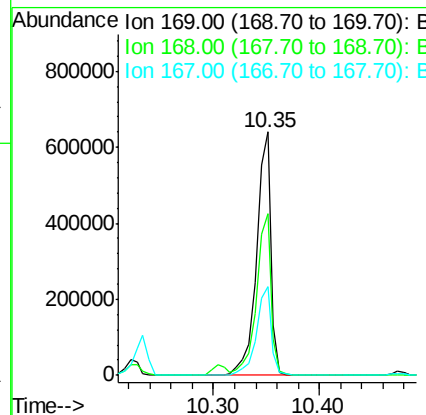
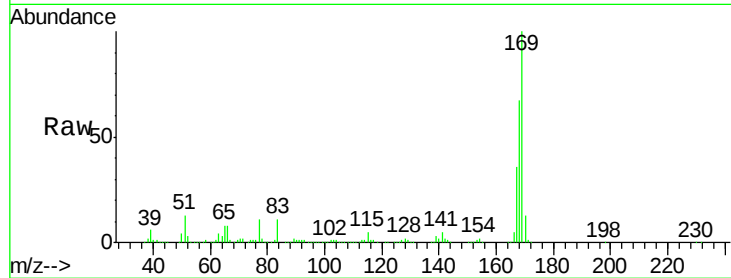
ClientSampleId :

PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	613314		
168	66.5	53.2	79.8	
167	36.3	29.5	44.3	

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 39.187 ng

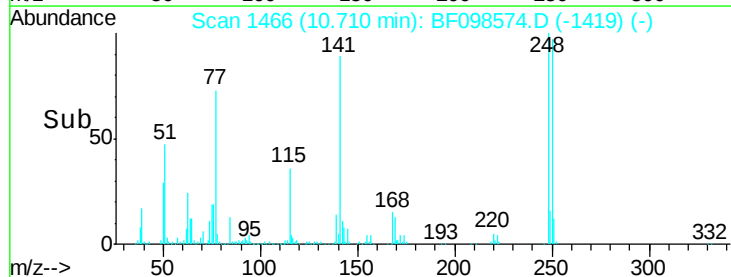
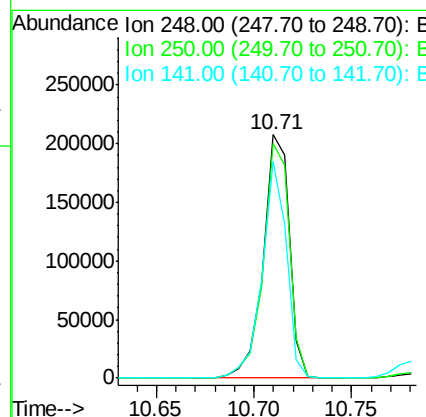
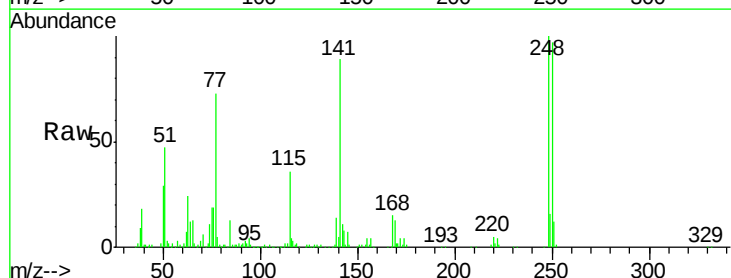
RT: 10.71 min Scan# 1466

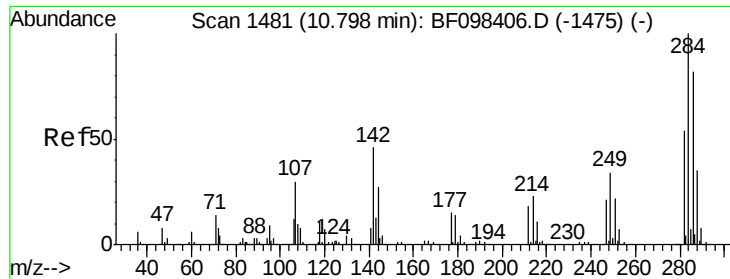
Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	193063		
250	96.6	76.8	115.2	
141	88.9	68.6	103.0	





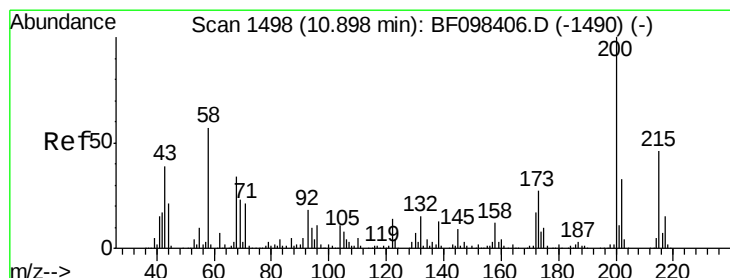
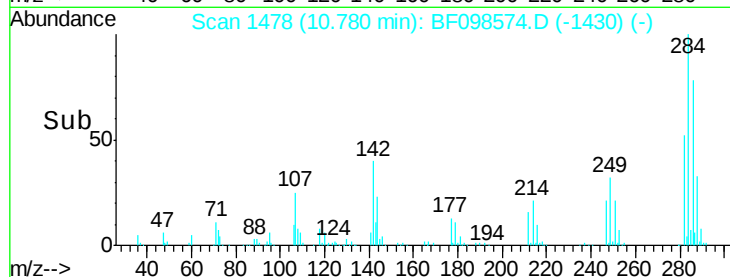
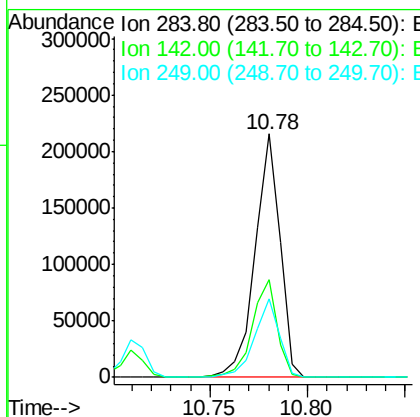
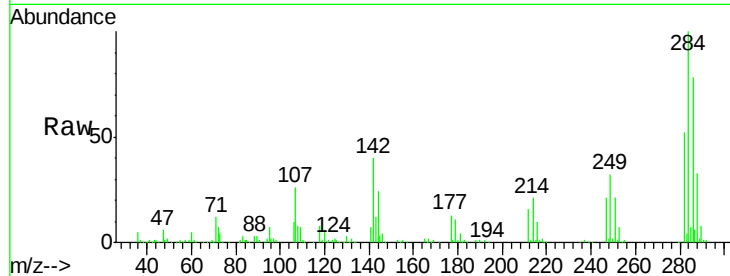
#67
Hexachlorobenzene
Concen: 38.118 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	190484		
142	40.2	22.8	34.2#	
249	32.4	24.0	36.0	

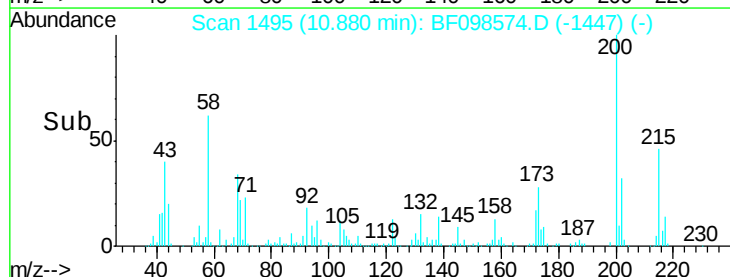
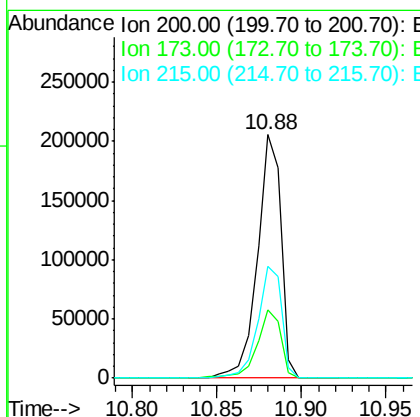
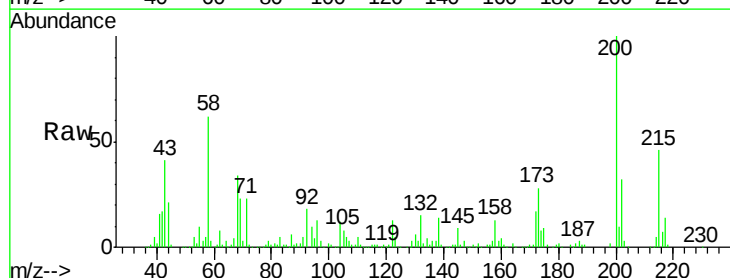
Manual Integrations
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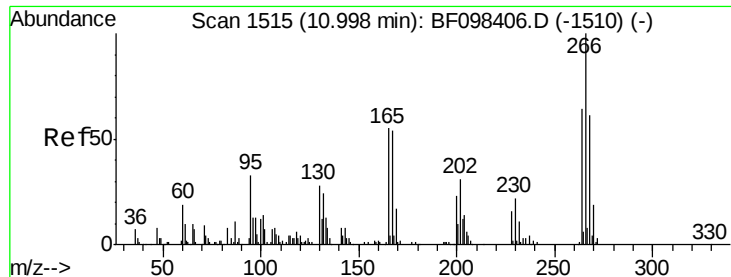
Sohil
9/18/2017 3:33:44 PM



#68
Atrazine
Concen: 38.740 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	201025		
173	28.3	6.3	46.3	
215	45.7	27.2	67.2	





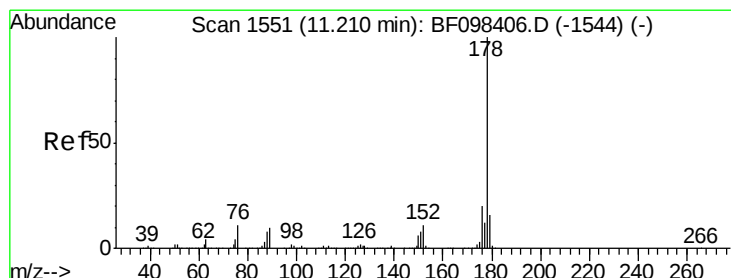
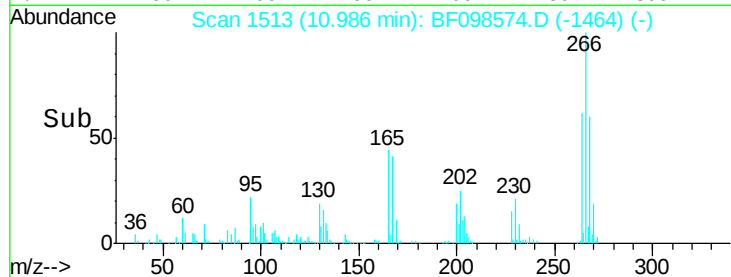
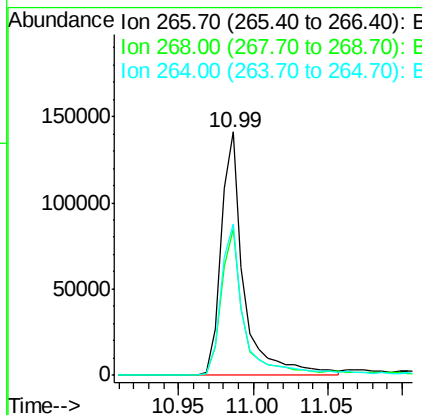
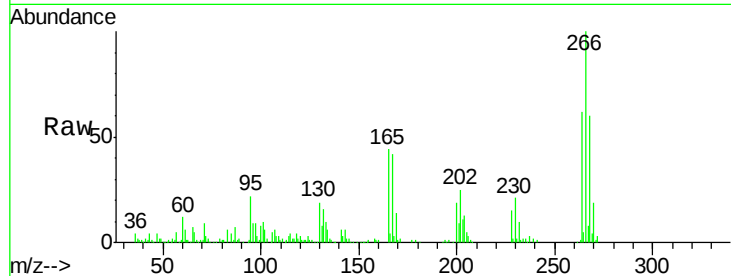
#69
 Pentachlorophenol
 Concen: 69.320 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	151099		
268	60.0		51.1	76.7
264	62.3		51.7	77.5

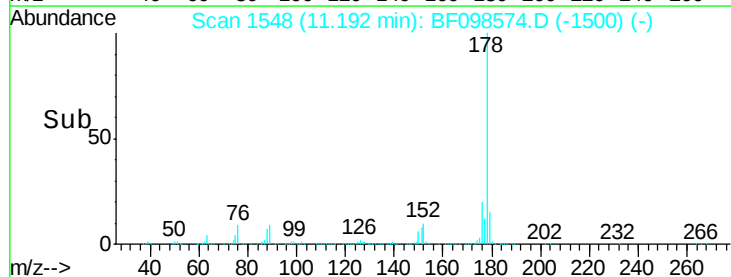
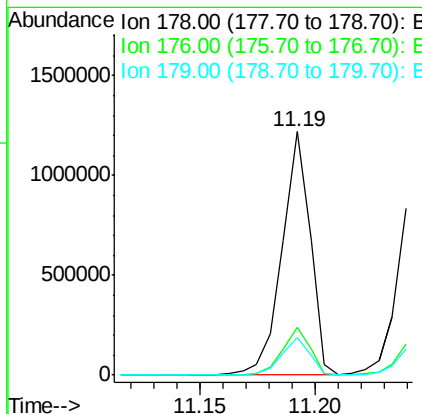
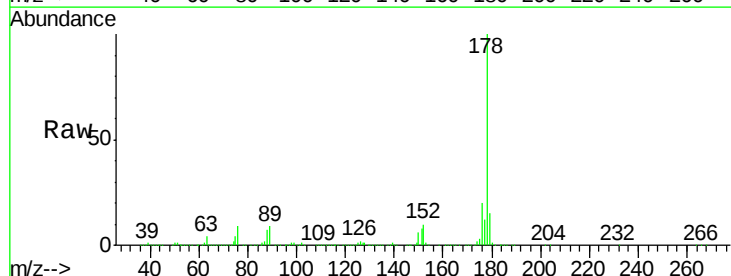
Manual Integrations
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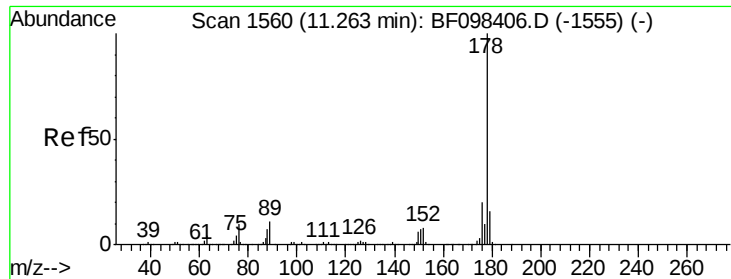
Sohil
 9/18/2017 3:33:44 PM



#70
 Phenanthrene
 Concen: 37.437 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1030209		
176	19.6		16.2	24.4
179	15.4		12.6	19.0





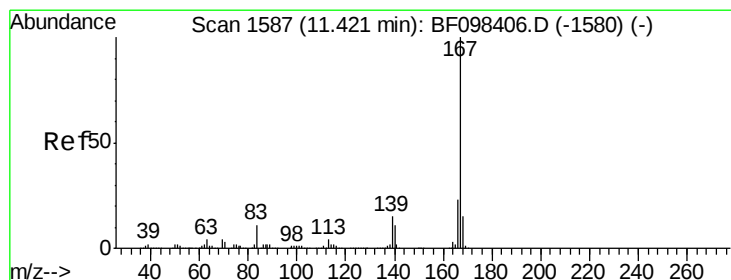
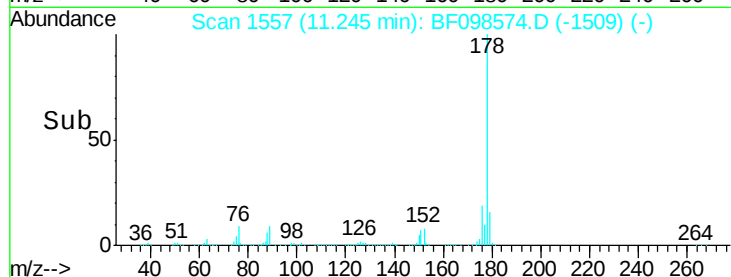
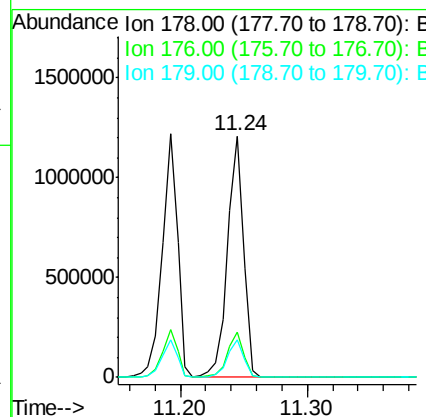
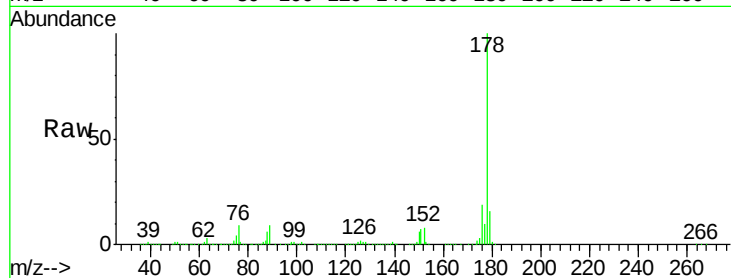
#71
 Anthracene
 Concen: 37.899 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BS

Tgt Ion:178 Resp: 1070774
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.8 12.7 19.1

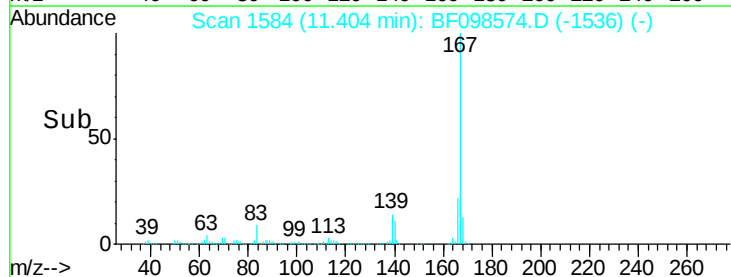
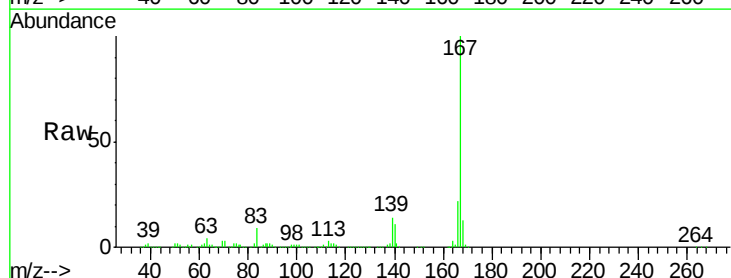
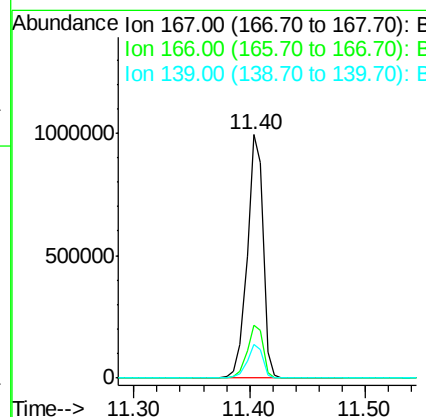
Manual Integrations
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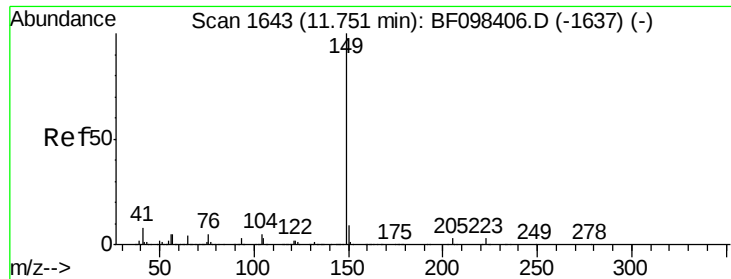
Sohil
 9/18/2017 3:33:44 PM



#72
 Carbazole
 Concen: 35.798 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Tgt Ion:167 Resp: 942606
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 13.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 35.902 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

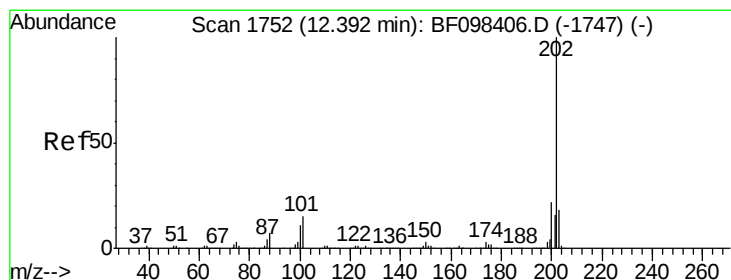
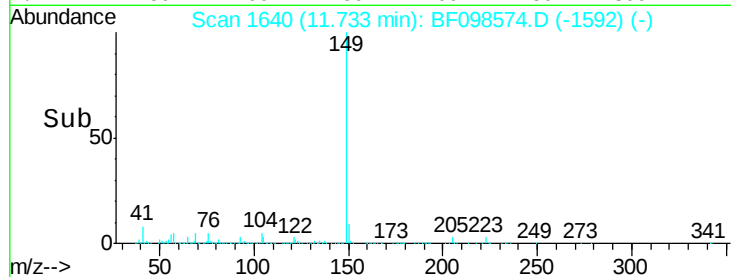
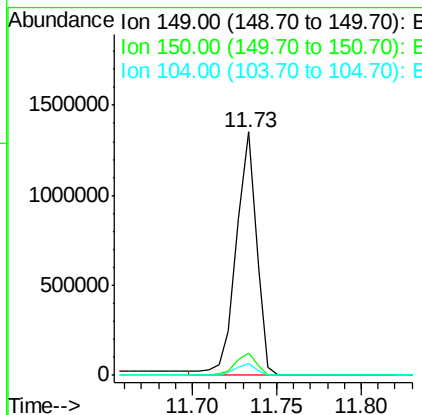
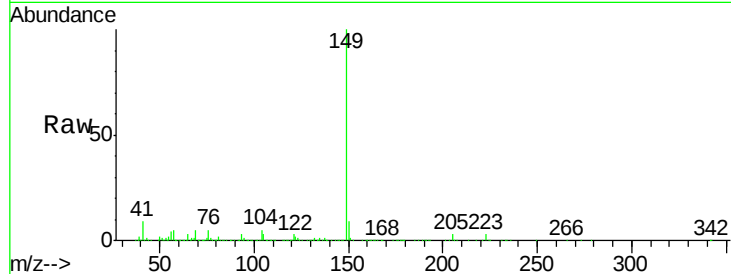
ClientSampleId :

PB102329BS

Tgt Ion:	149	Resp:	1132659
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.9	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 38.694 ng

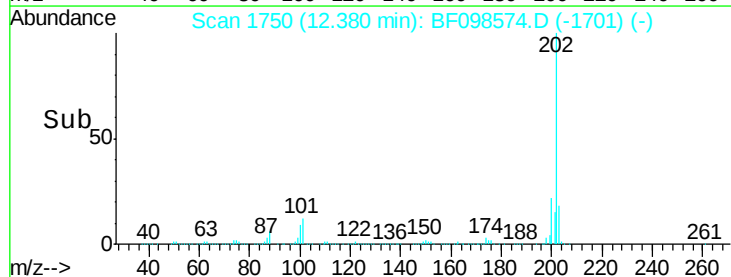
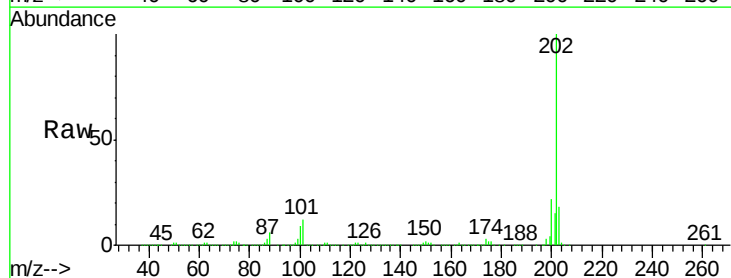
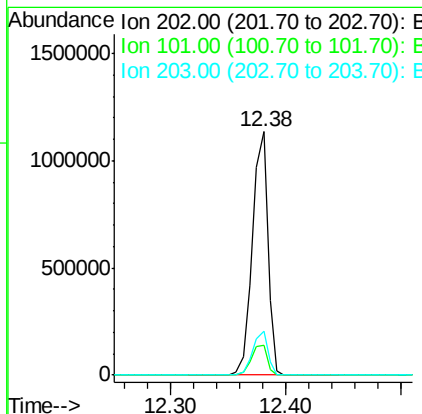
RT: 12.38 min Scan# 1750

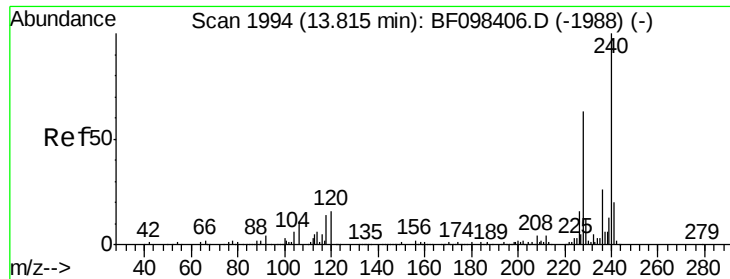
Delta R.T. -0.01 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Tgt Ion:	202	Resp:	1065950
Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

ClientSampleId :

PB102329BS

Tgt Ion:240 Resp: 390874

Ion Ratio Lower Upper

240 100

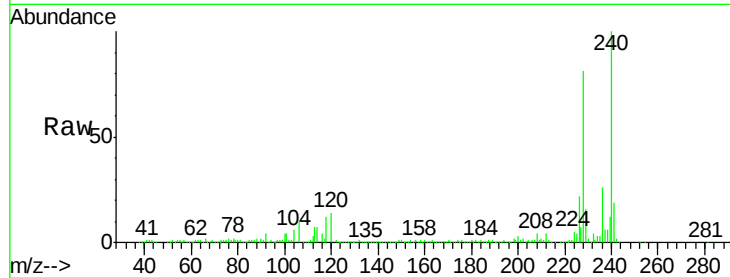
120 14.4 5.8 8.8#

236 25.9 20.5 30.7

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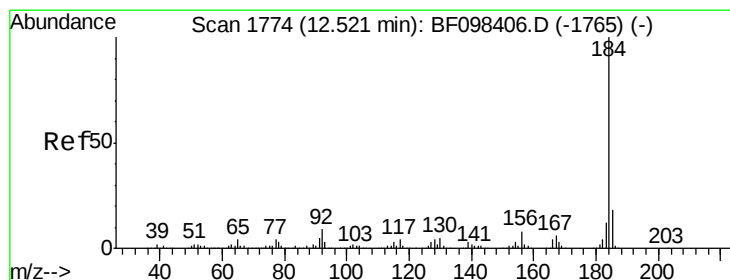
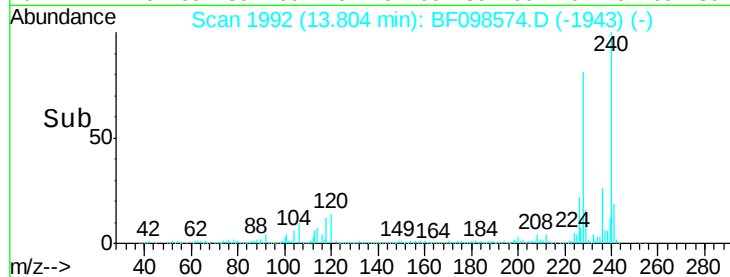
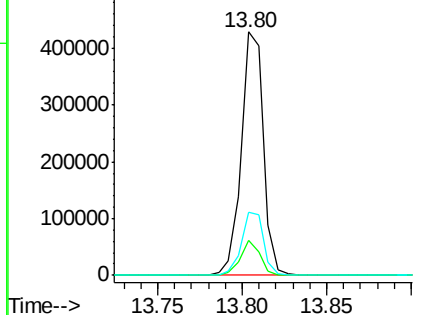
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.003 ng

RT: 12.50 min Scan# 1771

Delta R.T. -0.02 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Tgt Ion:184 Resp: 397918

Ion Ratio Lower Upper

184 100

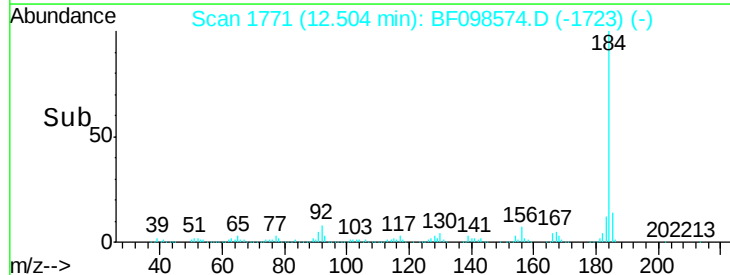
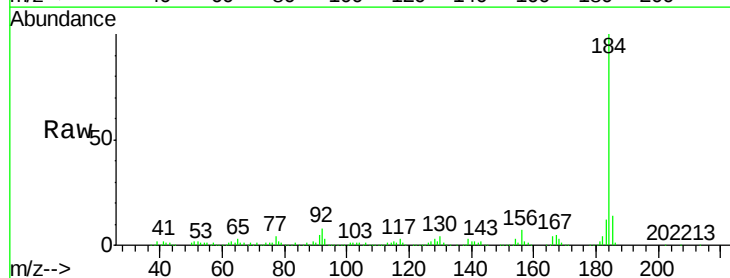
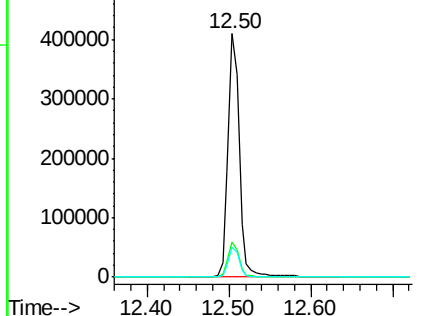
185 14.3 15.5 23.3#

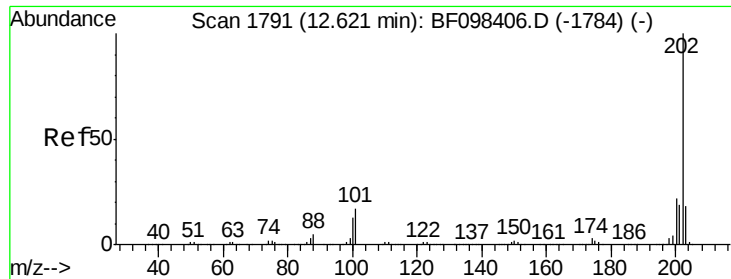
183 12.1 9.8 14.6

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





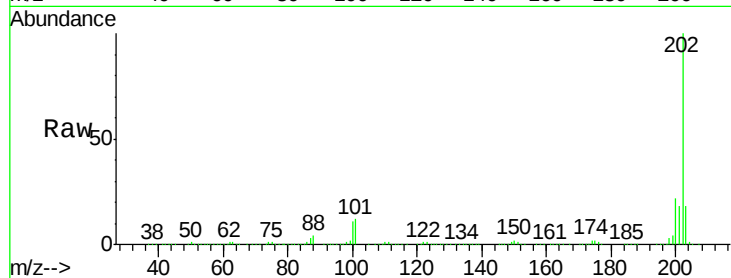
#77
 Pyrene
 Concen: 35.966 ng
 RT: 12.61 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BS

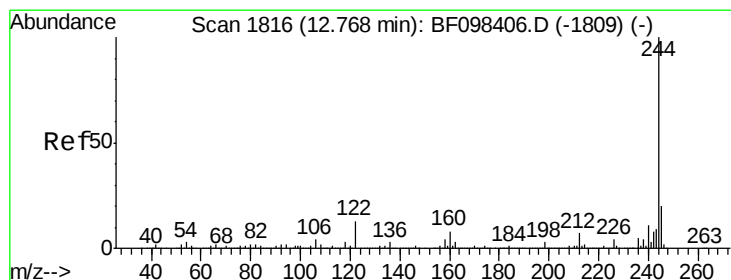
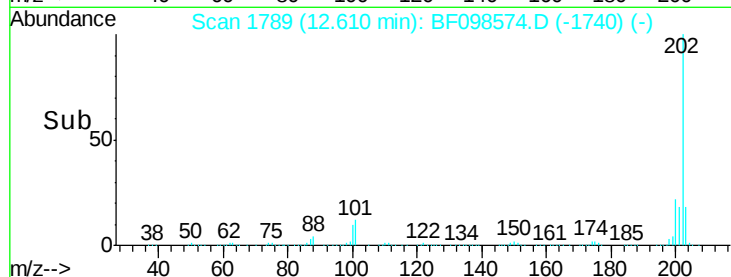
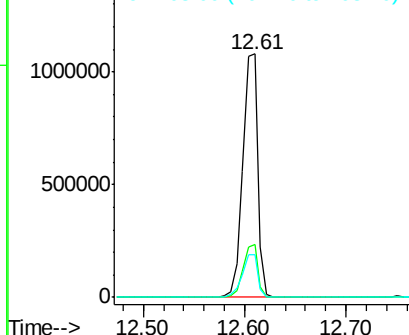
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	17.6	14.4	21.6

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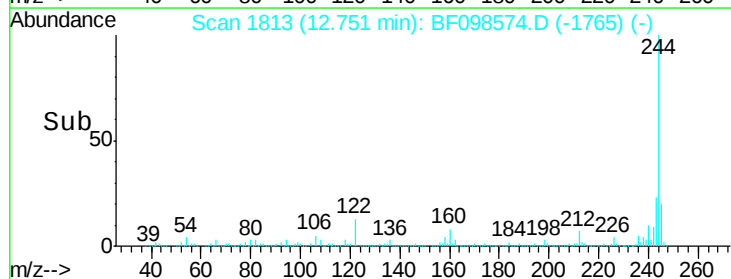
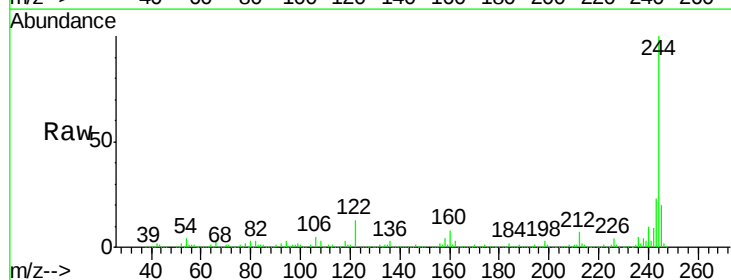
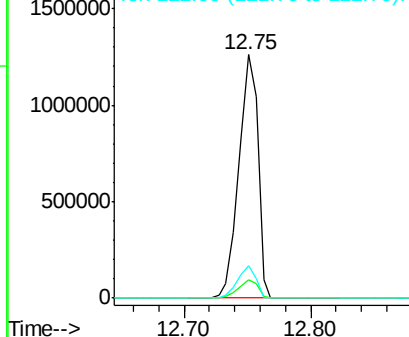
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

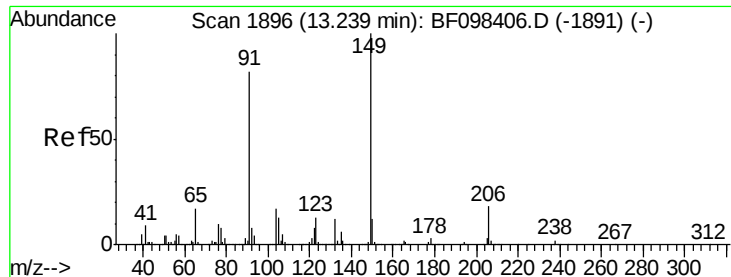


#78
 Terphenyl-d14
 Concen: 71.832 ng
 RT: 12.75 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.3	10.3	15.5

Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





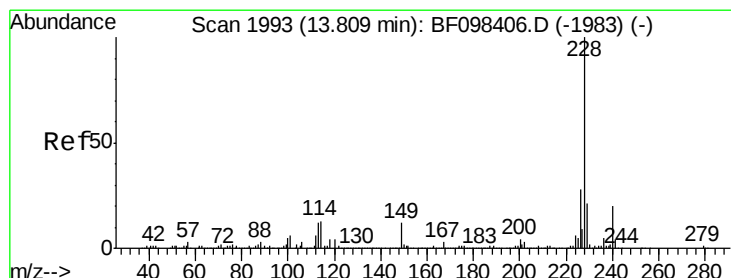
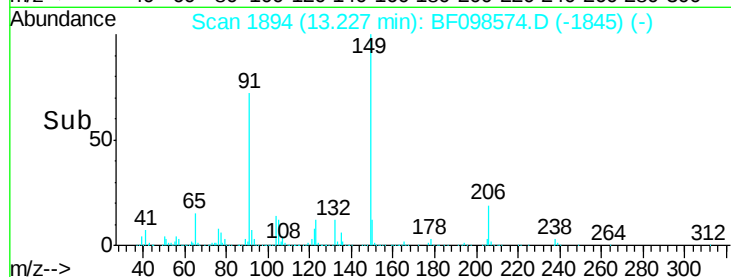
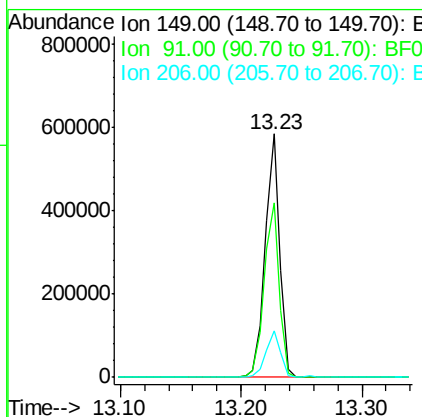
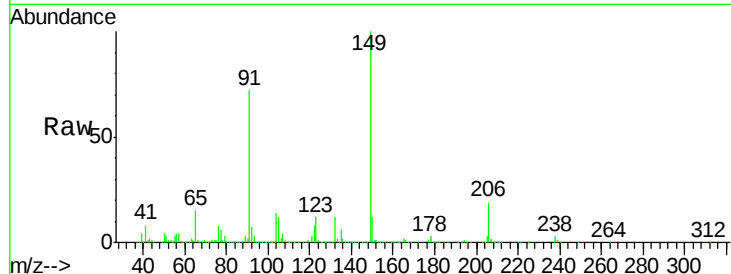
#79
Butylbenzylphthalate
Concen: 36.620 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	489862		
91	71.9	45.0	67.4#	
206	19.2	17.0	25.6	

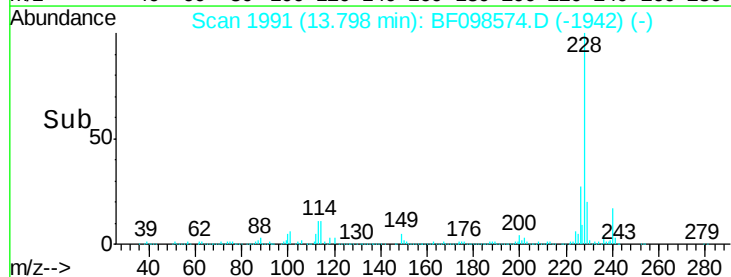
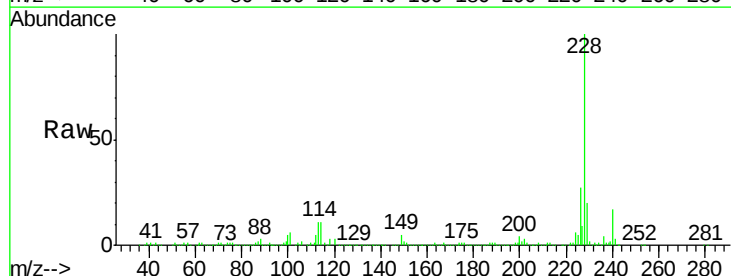
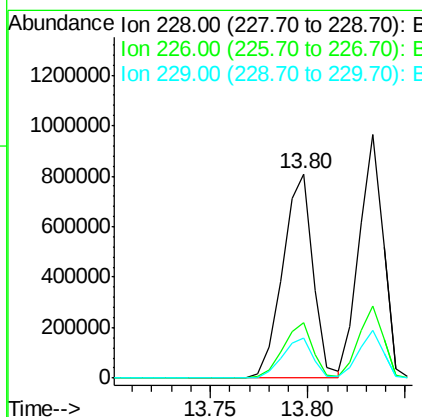
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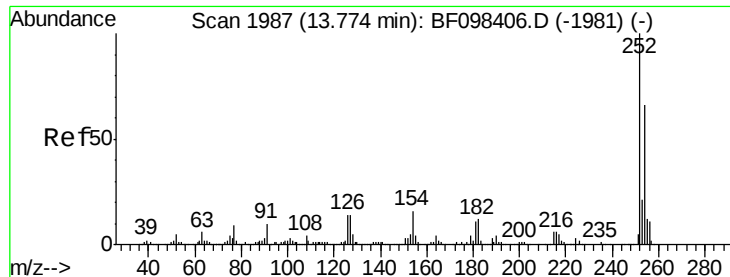
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#80
Benzo(a)anthracene
Concen: 37.993 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	870662		
226	27.4	22.6	33.8	
229	19.9	16.3	24.5	





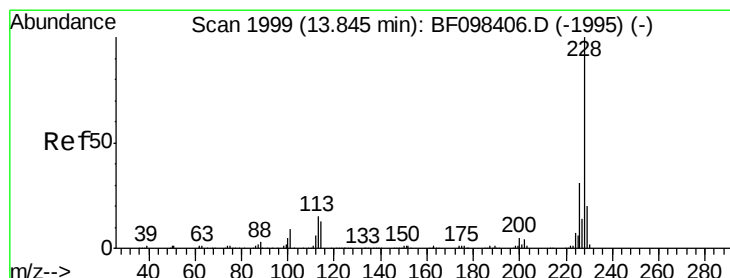
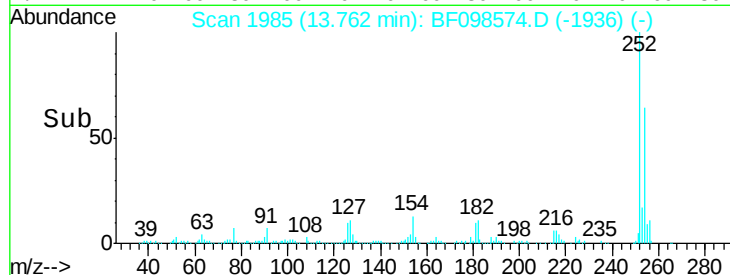
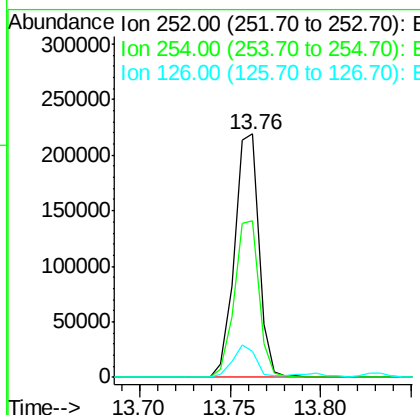
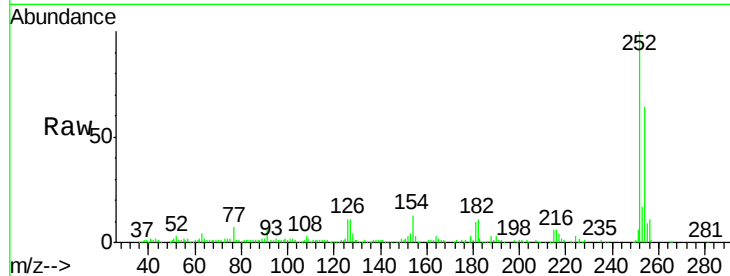
#81
 3,3'-Dichlorobenzidine
 Concen: 23.217 ng
 RT: 13.76 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BS

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	64.3	51.5	77.3
126	10.6	15.8	23.8

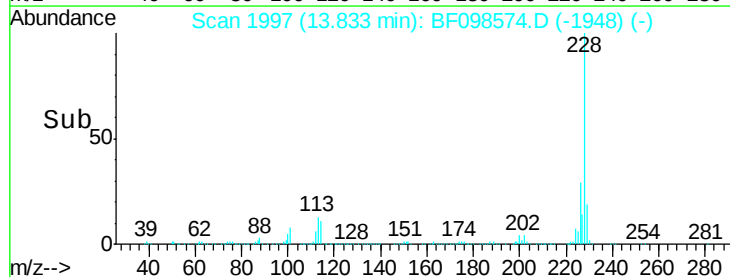
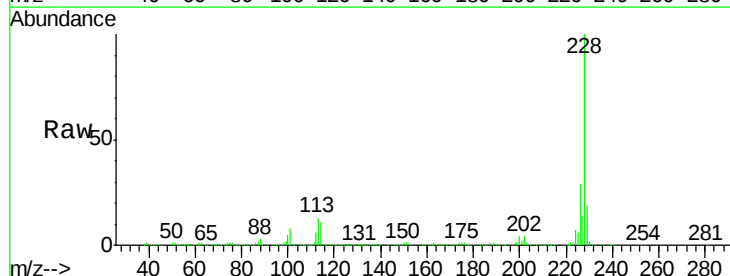
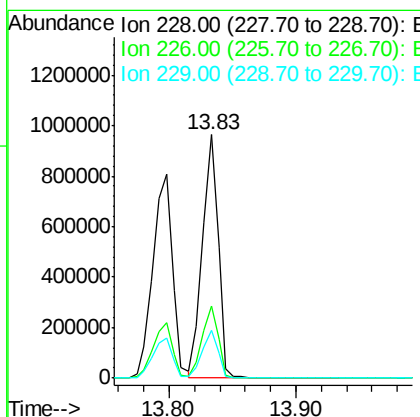
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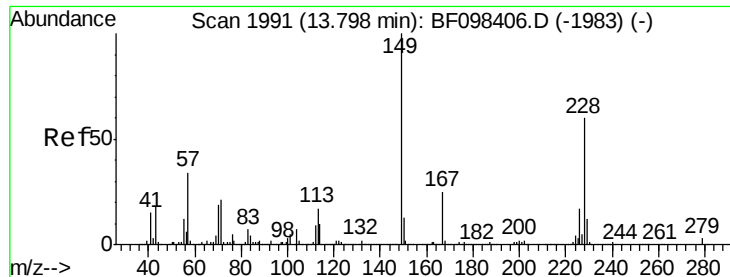
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#82
 Chrysene
 Concen: 36.020 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.4	24.9	37.3
229	19.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.144 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

ClientSampleId :

PB102329BS

Tgt Ion:149 Resp: 640383
Ion Ratio Lower Upper

149 100

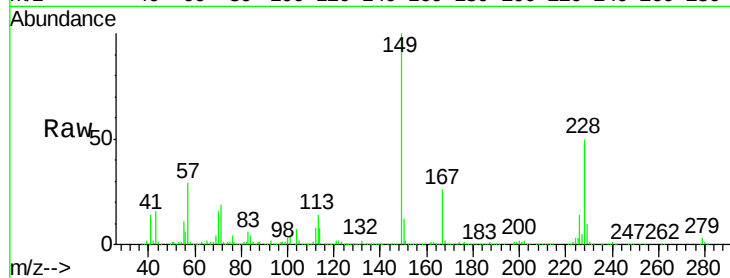
167 25.9 21.0 31.4

279 3.1 1.9 2.9#

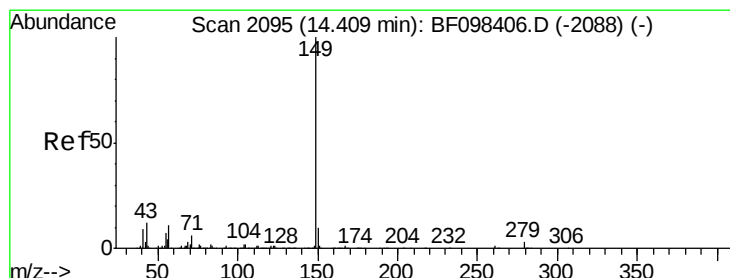
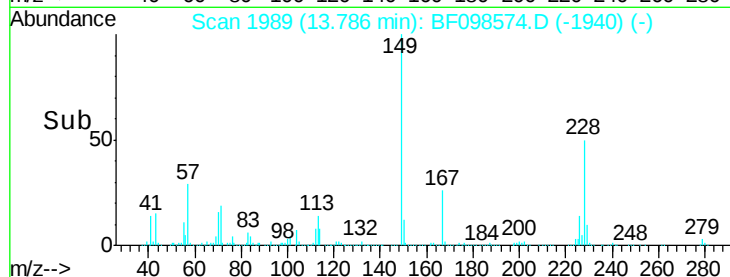
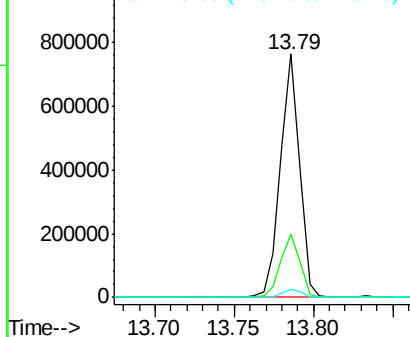
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.309 ng

RT: 14.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

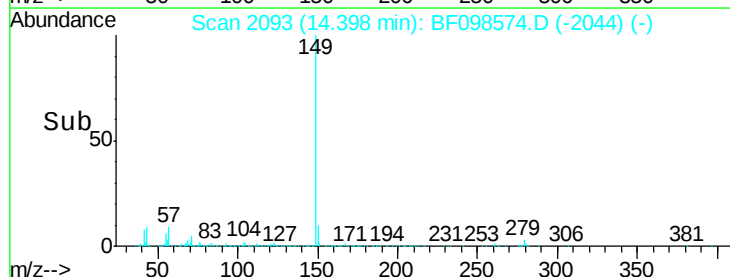
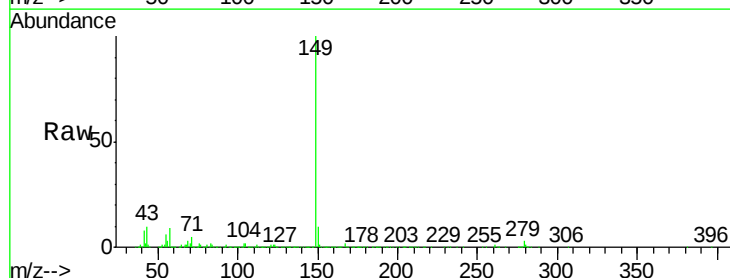
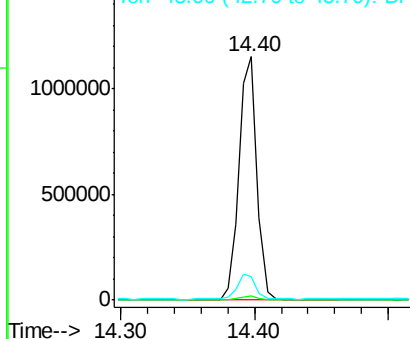
Tgt Ion:149 Resp: 1074658
Ion Ratio Lower Upper

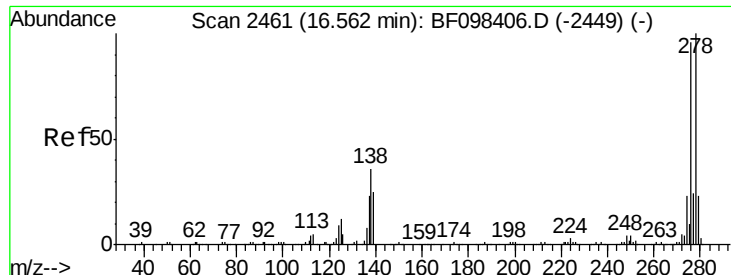
149 100

167 1.5 1.2 1.8

43 10.7 8.5 12.7

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





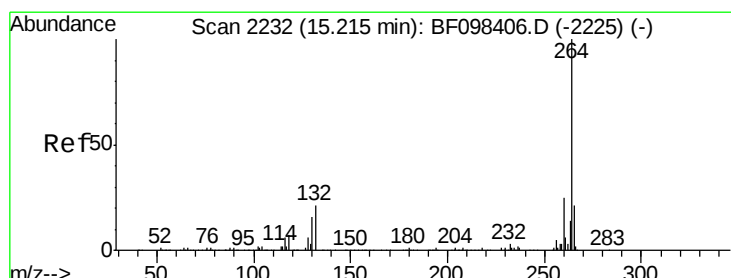
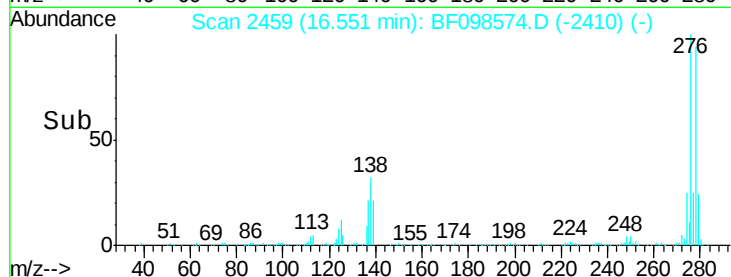
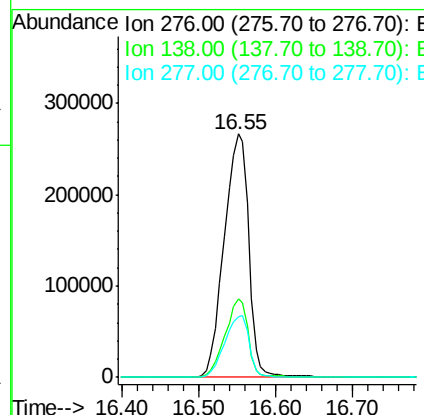
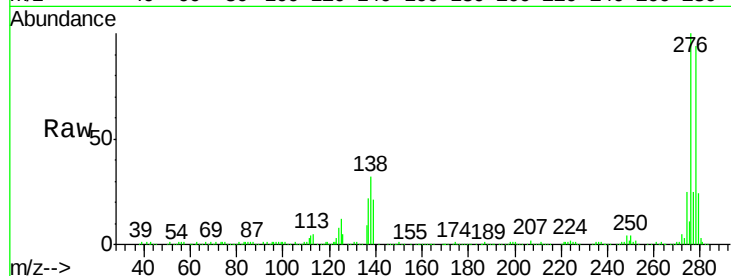
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.360 ng
 RT: 16.55 min Scan# 2459
 Delta R.T. -0.01 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Instrument :
 BNA_F
 ClientSampleId :
 PB102329BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	590927		
138	30.5	27.8	41.6	
277	25.3	20.2	30.4	

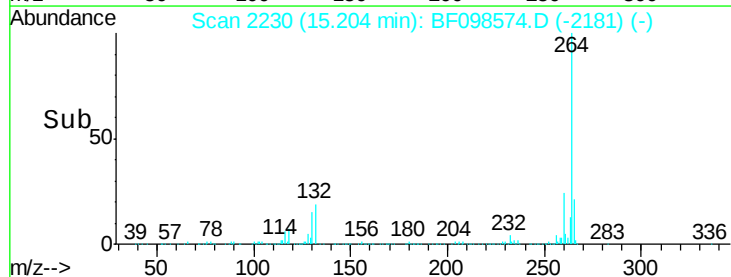
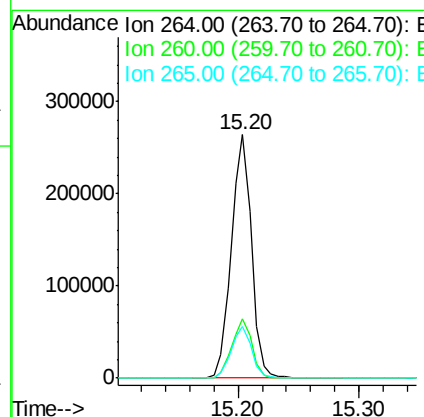
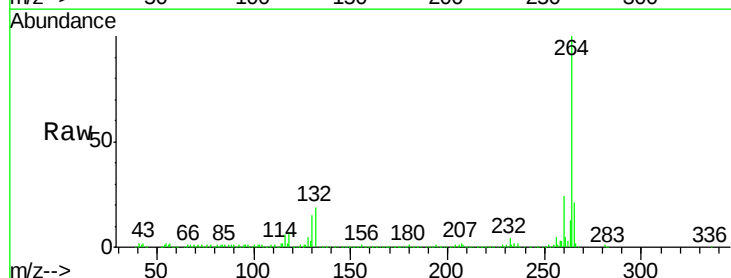
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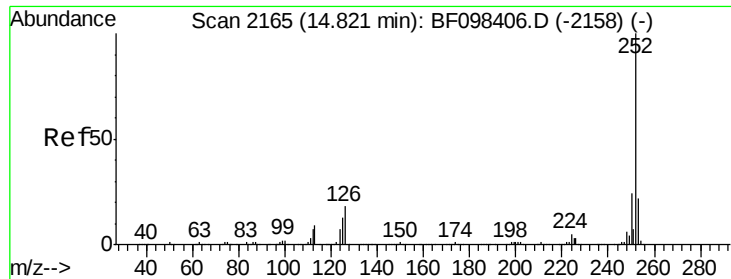
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.20 min Scan# 2230
 Delta R.T. -0.01 min
 Lab File: BF098574.D
 Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	305697		
260	24.2	19.5	29.3	
265	21.0	17.2	25.8	





#87

Benzo(b)fluoranthene

Concen: 39.821 ng

RT: 14.82 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

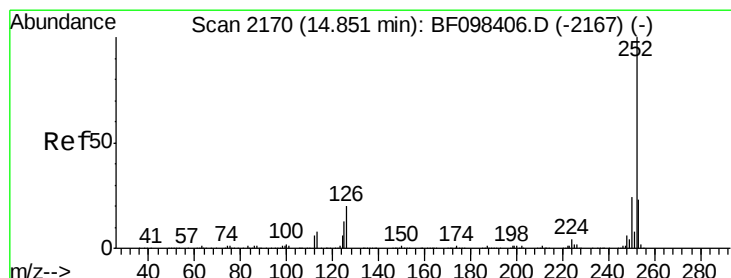
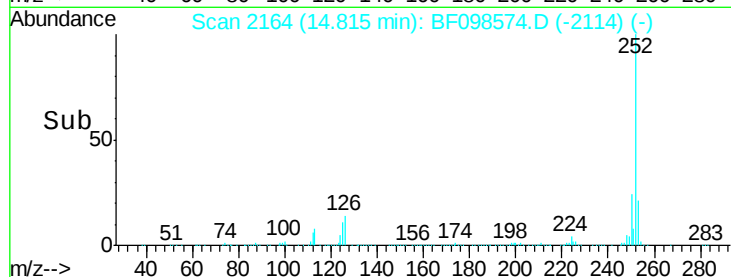
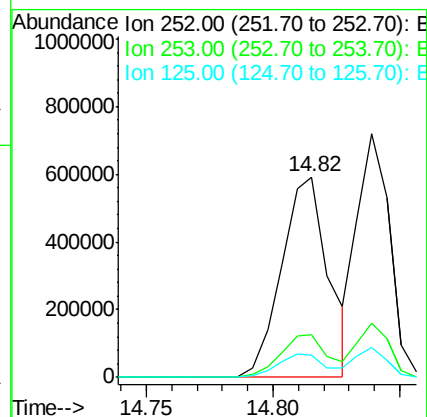
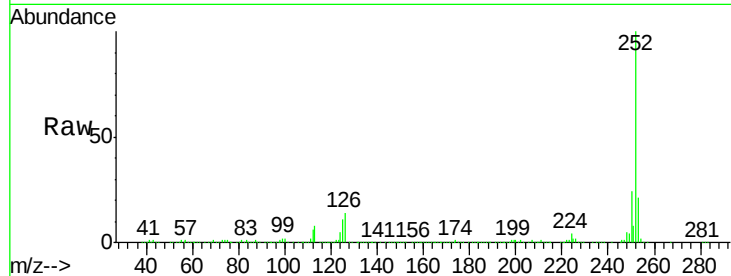
ClientSampleId :

PB102329BS

Tgt Ion:	252	Resp:	765417
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.1	27.1
125	10.8	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 36.460 ng

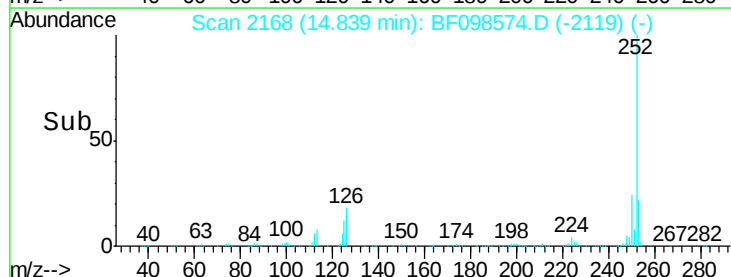
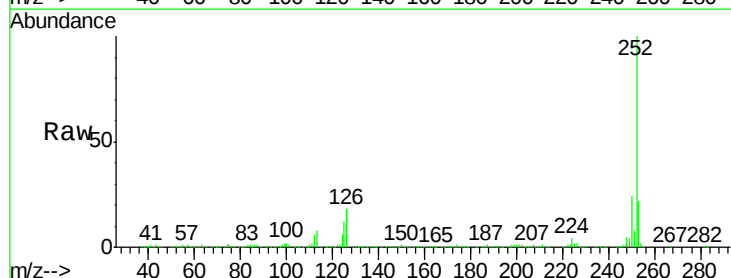
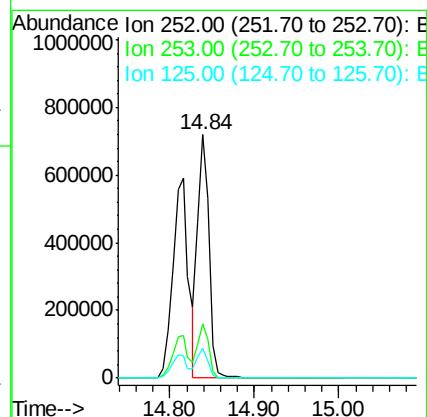
RT: 14.84 min Scan# 2168

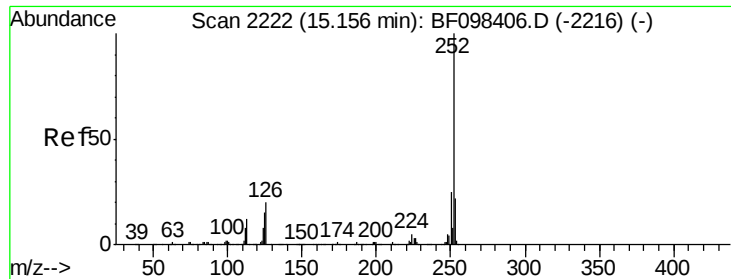
Delta R.T. -0.01 min

Lab File: BF098574.D

Acq: 15 Sep 2017 17:42

Tgt Ion:	252	Resp:	654253
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.4	27.6
125	12.4	13.1	19.7





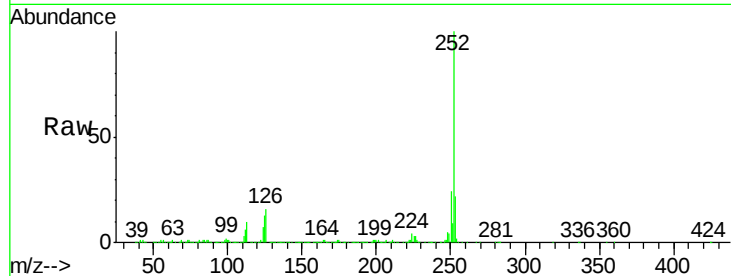
#89
Benzo(a)pyrene
Concen: 38.330 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Instrument :
BNA_F
ClientSampleId :
PB102329BS

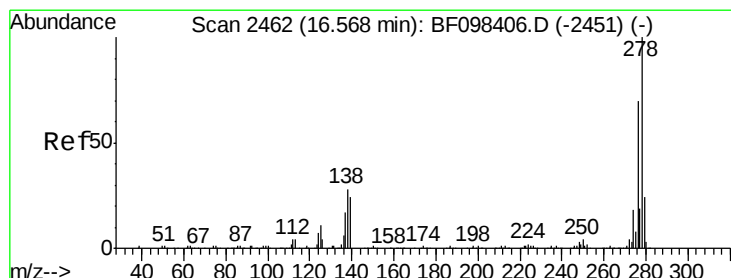
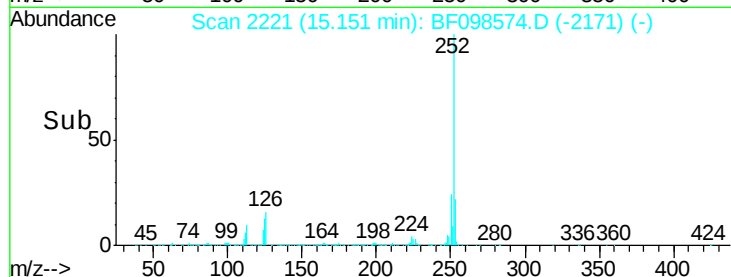
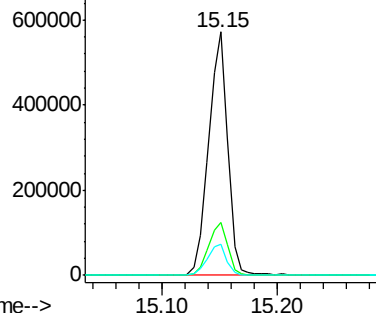
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	656370		
253	21.5		17.5	26.3
125	12.9		11.0	16.4

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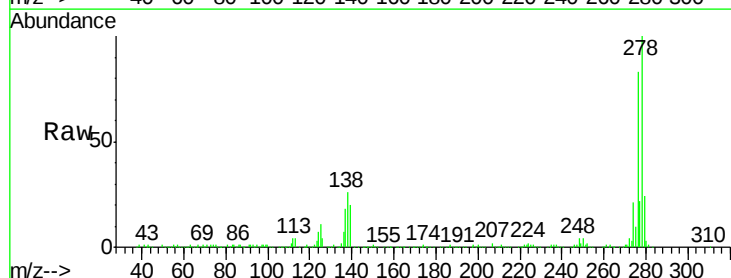


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

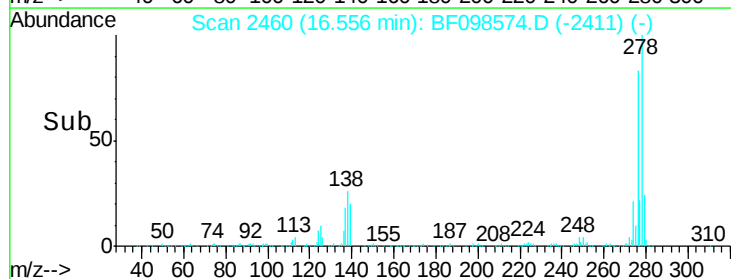
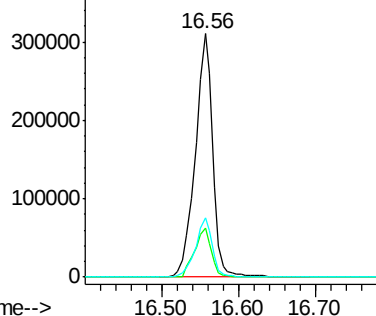


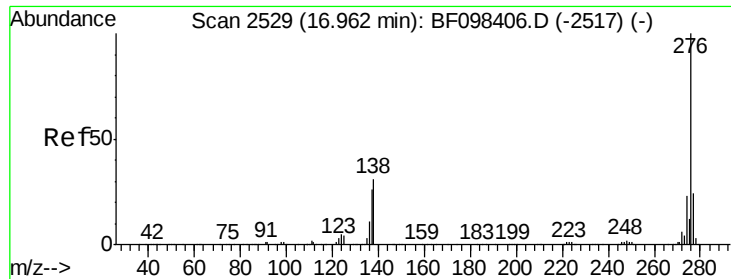
#90
Dibenzo(a,h)anthracene
Concen: 39.280 ng
RT: 16.56 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BF098574.D
Acq: 15 Sep 2017 17:42

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	489304		
139	20.4		16.6	24.8
279	24.1		19.3	28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.694 ng

RT: 16.95 min Scan# 2527

Delta R.T. -0.01 min

Lab File: BF098574.D

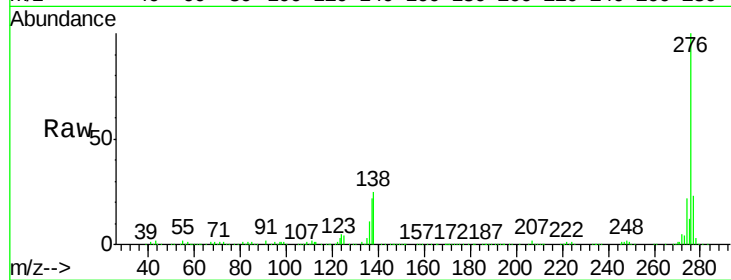
Acq: 15 Sep 2017 17:42

Instrument :

BNA_F

ClientSampleId :

PB102329BS



Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		497332		
277	22.8	18.6	28.0		
138	25.5	25.4	38.0		

Manual Integrations
APPROVED

Sohil
9/18/2017 3:33:44 PM

