

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098614.D
 Acq On : 18 Sep 2017 20:55
 Operator : SJ/JU
 Sample : I5265-06MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MS

Manual Integrations
 APPROVED

Sohil
 9/19/2017 5:31:54 PM

Quant Time: Sep 19 12:07:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	110981	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	430986	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	182542	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	284744	20.00	ng	0.00
75) Chrysene-d12	13.79	240	192464	20.00	ng	0.00
86) Perylene-d12	15.18	264	175382	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	802384	106.90	ng	0.01
7) Phenol-d6	6.30	99	980345	102.87	ng	0.00
23) Nitrobenzene-d5	7.21	82	566761	73.31	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	147595	121.15	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	876768	81.41	ng	0.00
78) Terphenyl-d14	12.73	244	634825	71.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.29	88	90200	23.282	ng	# 85
3) Pyridine	2.98	79	217582	21.148	ng	# 79
4) n-Nitrosodimethylamine	2.93	42	152673	30.268	ng	# 83
6) Aniline	6.30	93	248762	20.806	ng	# 26
8) 2-Chlorophenol	6.43	128	291407	35.305	ng	# 96
9) Benzaldehyde	6.19	77	127984	20.543	ng	# 96
10) Phenol	6.31	94	375363	33.909	ng	# 79
11) bis(2-Chloroethyl)ether	6.38	93	267904	32.099	ng	# 97
12) 1,3-Dichlorobenzene	6.57	146	279785	33.677	ng	# 96
13) 1,4-Dichlorobenzene	6.65	146	289600	34.032	ng	# 94
14) 1,2-Dichlorobenzene	6.80	146	268863	34.679	ng	# 99
15) Benzyl Alcohol	6.79	79	256992	40.518	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	6.92	45	426740	31.075	ng	# 44
17) 2-Methylphenol	6.92	107	238803	35.480	ng	# 85
18) Hexachloroethane	7.14	117	98222	30.139	ng	# 84
19) n-Nitroso-di-n-propylamine	7.06	70	217207	36.233	ng	# 97
20) 3+4-Methylphenols	7.07	107	317786	37.414	ng	# 64
22) Acetophenone	7.06	105	414460	37.208	ng	# 91
24) Nitrobenzene	7.23	77	306390	34.794	ng	# 98
25) Isophorone	7.47	82	547811	35.023	ng	# 98
26) 2-Nitrophenol	7.55	139	148714	41.827	ng	# 74
27) 2,4-Dimethylphenol	7.60	122	248634	36.684	ng	# 93
28) bis(2-Chloroethoxy)methane	7.68	93	340988	35.727	ng	# 99
29) 2,4-Dichlorophenol	7.80	162	233265	41.382	ng	# 96
30) 1,2,4-Trichlorobenzene	7.87	180	244824	39.927	ng	# 99
31) Naphthalene	7.95	128	794258	37.279	ng	# 100
32) Benzoic acid	7.75	122	132177	32.214	ng	# 90
33) 4-Chloroaniline	8.00	127	159858	18.461	ng	# 98
34) Hexachlorobutadiene	8.06	225	133156	42.300	ng	# 98
35) Caprolactam	8.38	113	54322m	27.946	ng	# 98
36) 4-Chloro-3-methylphenol	8.50	107	247314	35.378	ng	# 81
37) 2-Methylnaphthalene	8.64	142	516675	40.034	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	218633	38.450	ng	# 98
40) Hexachlorocyclopentadiene	8.79	237	17522	19.061	ng	# 98

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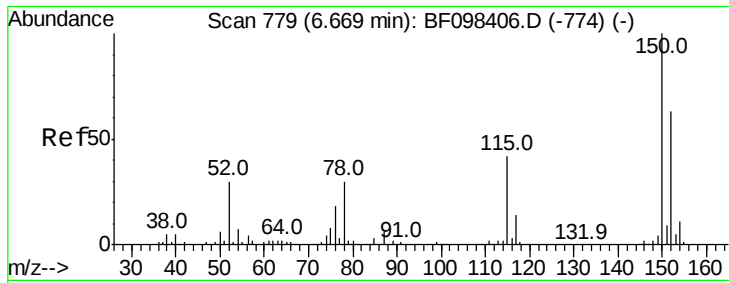
Manual Integrations
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 9/19/2017 5:31:54 PM

Quant Time: Sep 19 12:07:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 18 13:37:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	145698	43.624	nq	92
43) 2,4,5-Trichlorophenol	8.97	196	144737	41.461	nq #	85
45) 1,1'-Biphenyl	9.10	154	608686	37.254	nq	98
46) 2-Chloronaphthalene	9.13	162	449026	38.482	nq #	92
47) 2-Nitroaniline	9.23	65	166339	37.141	nq	96
48) Acenaphthylene	9.54	152	625886	36.075	nq	99
49) Dimethylphthalate	9.41	163	689328	48.784	nq	99
50) 2,6-Dinitrotoluene	9.47	165	118323	40.766	nq #	69
51) Acenaphthene	9.71	154	405835	36.799	nq	98
52) 3-Nitroaniline	9.65	138	92485	26.396	nq	95
53) 2,4-Dinitrophenol	9.76	184	40039	34.598	nq #	86
54) Dibenzofuran	9.88	168	581458	40.021	nq	96
55) 4-Nitrophenol	9.83	139	121648	60.432	nq #	44
56) 2,4-Dinitrotoluene	9.88	165	145497	41.232	nq #	47
57) Fluorene	10.23	166	445199	37.021	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.01	232	100487	42.832	nq #	98
59) Diethylphthalate	10.10	149	539665	40.159	nq	99
60) 4-Chlorophenyl-phenylether	10.22	204	232741	41.901	nq	93
61) 4-Nitroaniline	10.26	138	92150	26.043	nq #	71
62) Azobenzene	10.38	77	478162	33.014	nq	93
64) 4,6-Dinitro-2-methylphenol	10.30	198	36220	23.558	nq	87
65) n-Nitrosodiphenylamine	10.34	169	420117	45.439	nq	98
66) 4-Bromophenyl-phenylether	10.70	248	127239	47.082	nq	97
67) Hexachlorobenzene	10.77	284	117645	42.917	nq #	82
68) Atrazine	10.87	200	126612	44.481	nq	97
69) Pentachlorophenol	10.97	266	99320	81.690	nq	96
70) Phenanthrene	11.19	178	602397	39.907	nq	99
71) Anthracene	11.24	178	597566	38.557	nq	98
72) Carbazole	11.40	167	500793	34.672	nq	98
73) Di-n-butylphthalate	11.72	149	763983	44.146	nq	98
74) Fluoranthene	12.37	202	549919	36.391	nq	95
76) Benzidine	12.49	184	101177	11.878	nq #	92
77) Pyrene	12.59	202	540793	35.619	nq	99
79) Butylbenzylphthalate	13.21	149	264154	40.104	nq #	80
80) Benzo(a)anthracene	13.78	228	449706	39.854	nq	98
81) 3,3'-Dichlorobenzidine	13.74	252	137721	31.406	nq #	93
82) Chrysene	13.82	228	424293	37.199	nq	97
83) Bis(2-ethylhexyl)phthalate	13.77	149	388599	47.009	nq	100
84) Di-n-octyl phthalate	14.38	149	644872	45.468	nq	99
85) Indeno(1,2,3-cd)pyrene	16.52	276	336625	42.066	nq	92
87) Benzo(b)fluoranthene	14.79	252	407208	36.926	nq	98
88) Benzo(k)fluoranthene	14.82	252	408081	39.639	nq #	93
89) Benzo(a)pyrene	15.13	252	380277	38.708	nq	98
90) Dibenzo(a,h)anthracene	16.53	278	289366	40.490	nq	96
91) Benzo(g,h,i)perylene	16.92	276	263062	36.597	nq #	90

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



#1

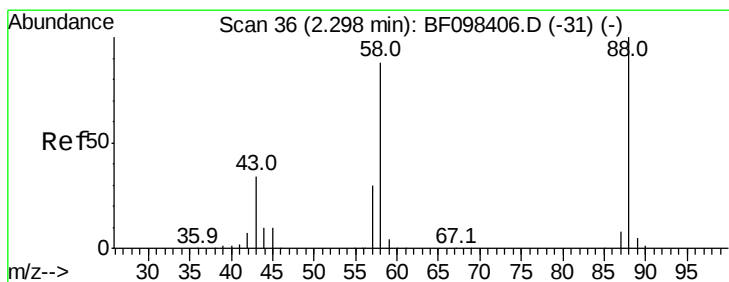
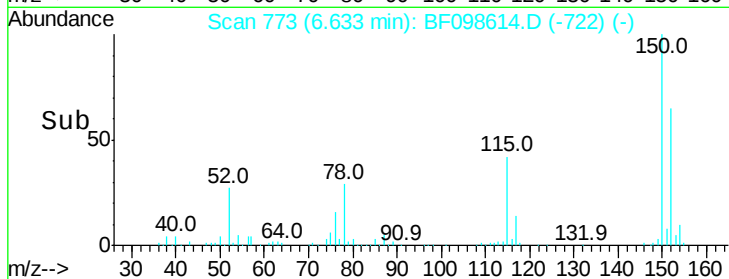
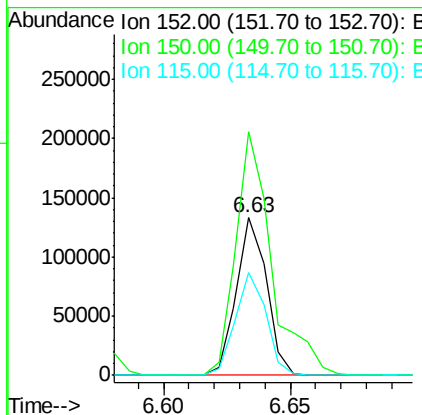
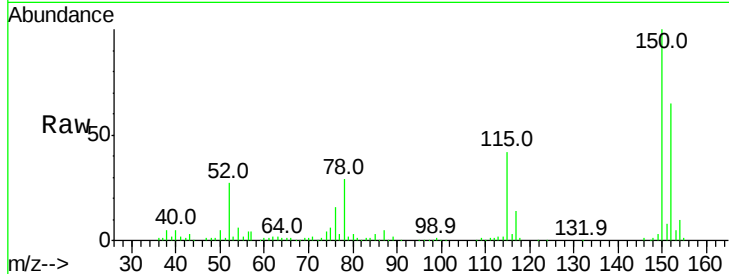
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampled :
TP-5D46MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	65.6	52.2	78.2

Manual Integrations
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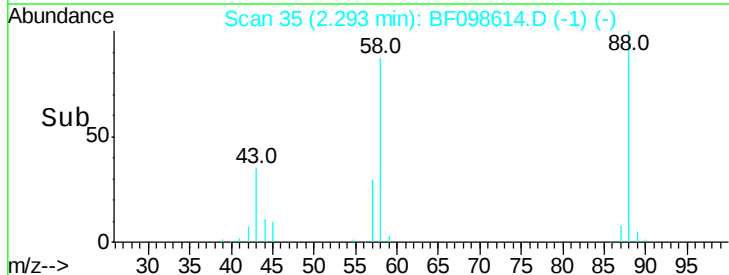
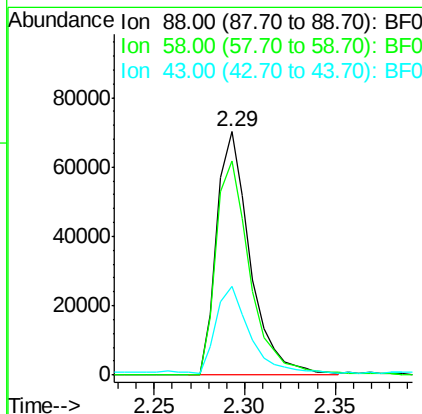
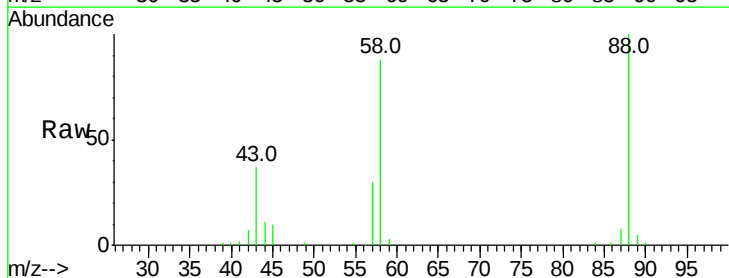
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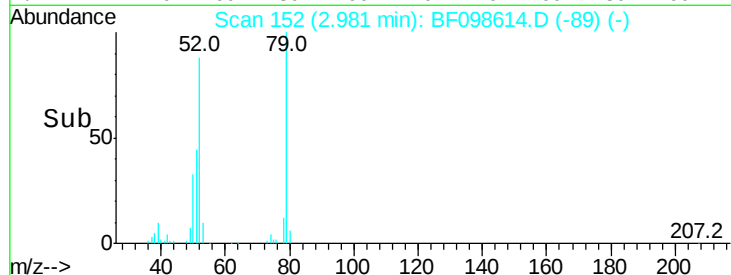
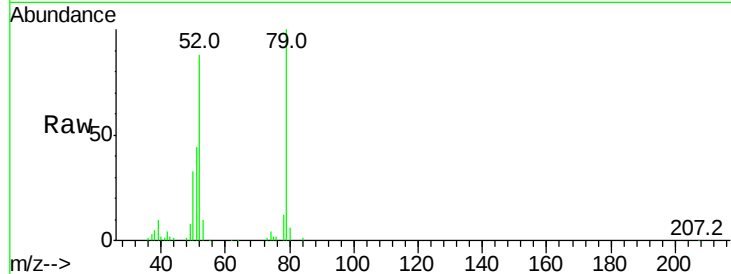
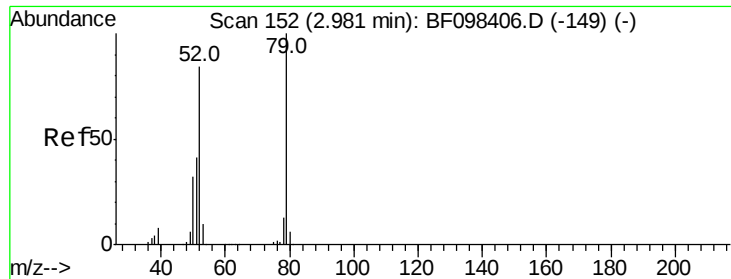


#2

1,4-Dioxane
Concen: 23.282 ng
RT: 2.29 min Scan# 35
Delta R.T. 0.05 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.5	61.4	92.0
43	35.3	23.4	35.0#





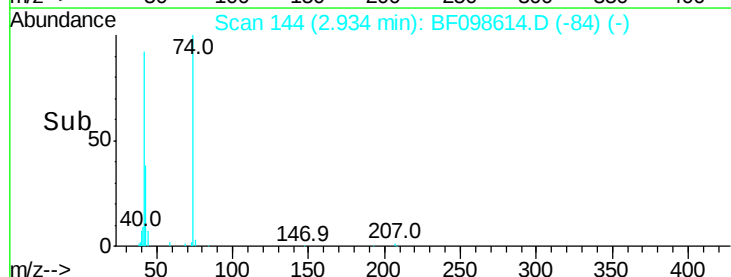
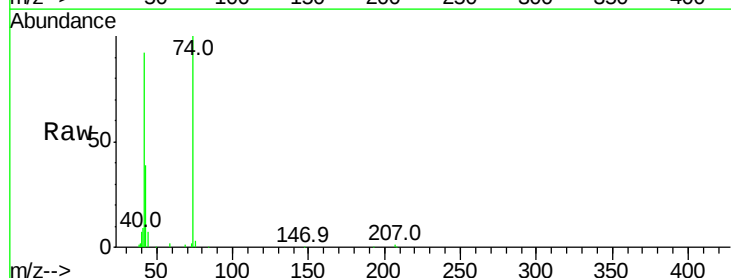
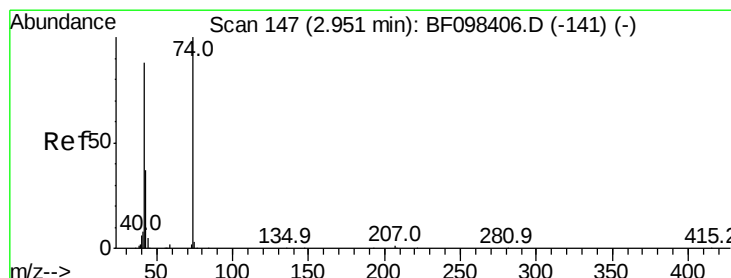
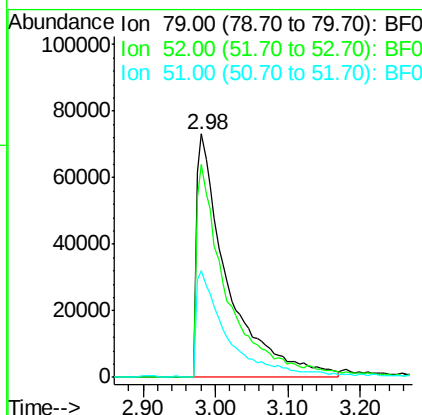
#3
 Pvridine
 Concen: 21.148 ng
 RT: 2.98 min Scan# 152
 Delta R.T. 0.07 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
52	87.6	54.8	82.2#	
51	43.6	27.0	40.4#	

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MS

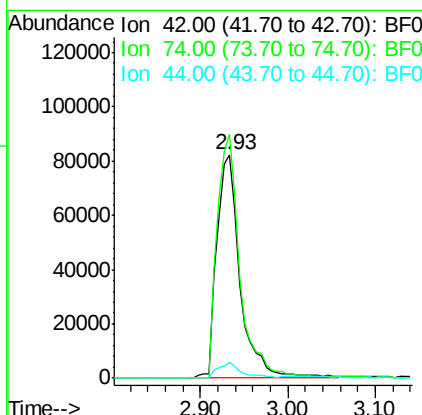
Manual Integrations
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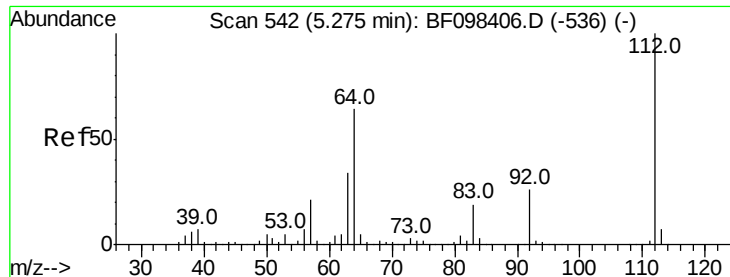
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#4
 n-Nitrosodimethylamine
 Concen: 30.268 ng
 RT: 2.93 min Scan# 144
 Delta R.T. 0.05 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
42	100			
74	109.1	103.9	155.9	
44	7.2	5.7	8.5	





#5

2-Fluorophenol

Concen: 106.896 ng

RT: 5.25 min Scan# 538

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

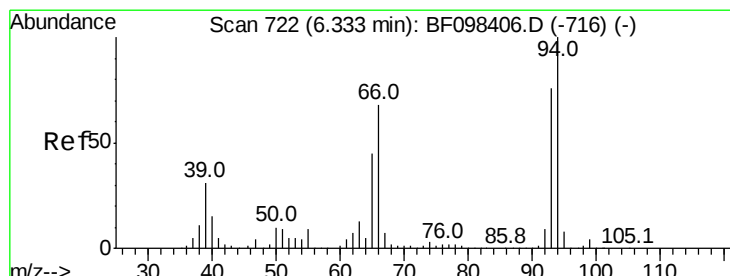
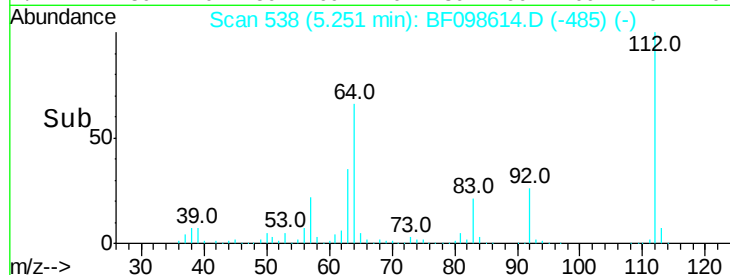
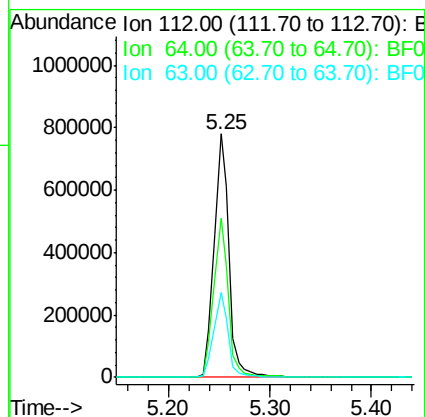
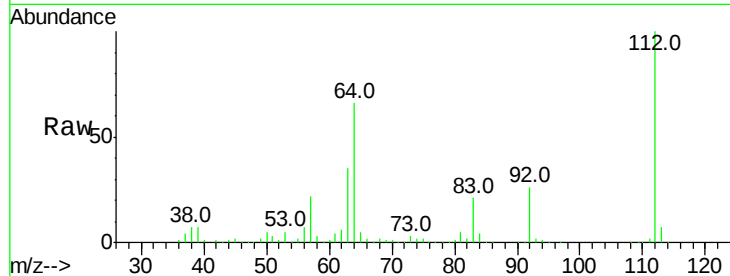
ClientSampleId :

TP-5D46MS

Tot Ion:	112	Resp:	802384
Ion Ratio	Lower	Upper	
112	100		
64	65.5	46.0	69.0
63	34.8	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 20.806 ng

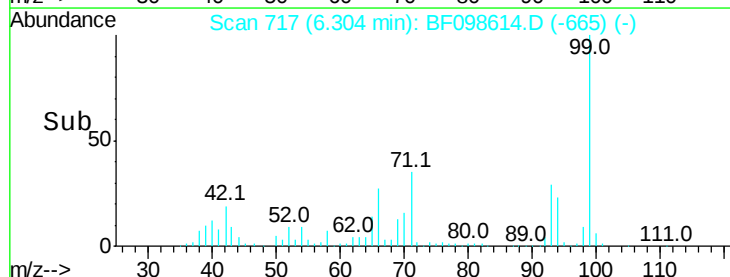
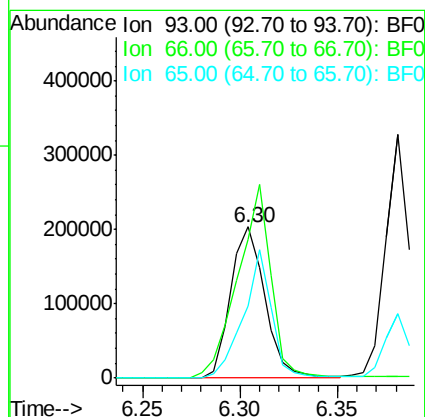
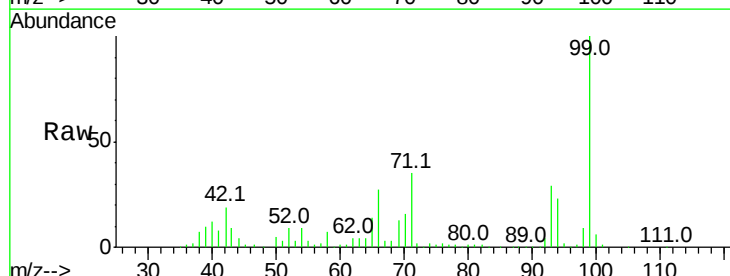
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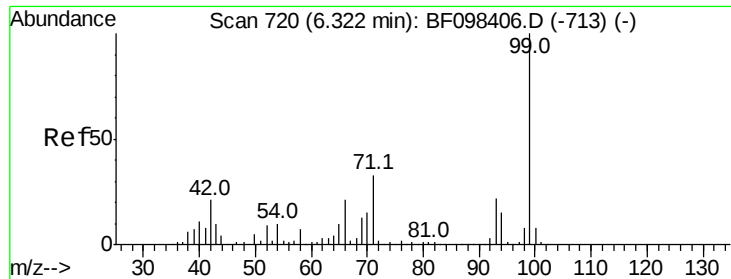
Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:	93	Resp:	248762
Ion Ratio	Lower	Upper	
93	100		
66	91.5	32.9	49.3#
65	48.0	16.0	24.0#





#7

Phenol-d6

Concen: 102.866 ng

RT: 6.30 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

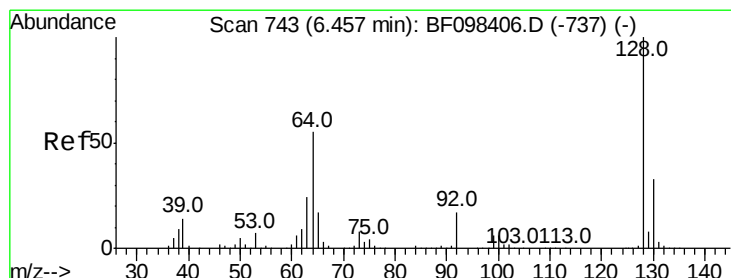
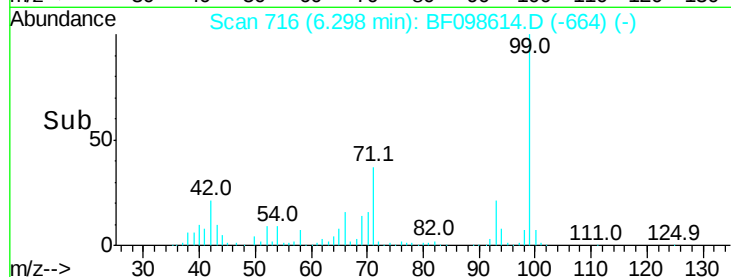
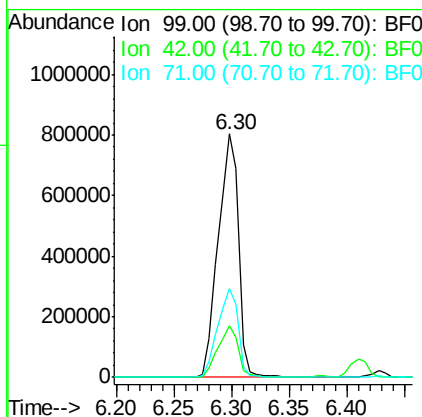
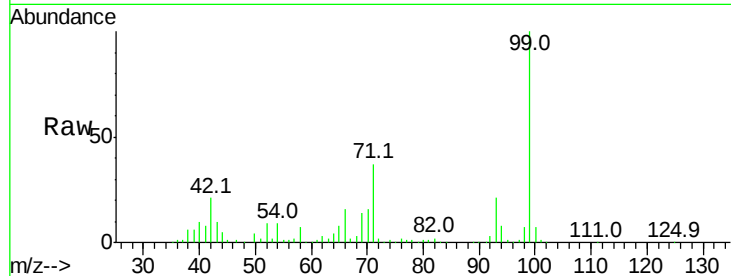
ClientSampled :

TP-5D46MS

Tot Ion:	99	Resp:	980345
Ion Ratio	Lower	Upper	
99	100		
42	21.1	13.5	20.3#
71	36.6	24.5	36.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 35.305 ng

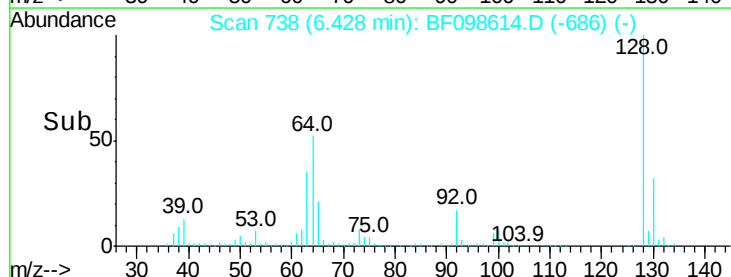
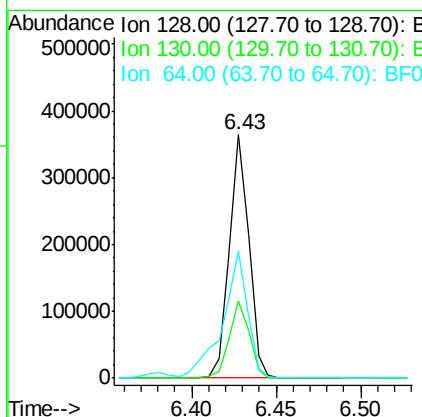
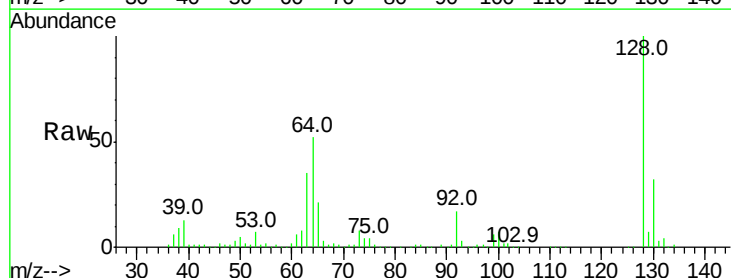
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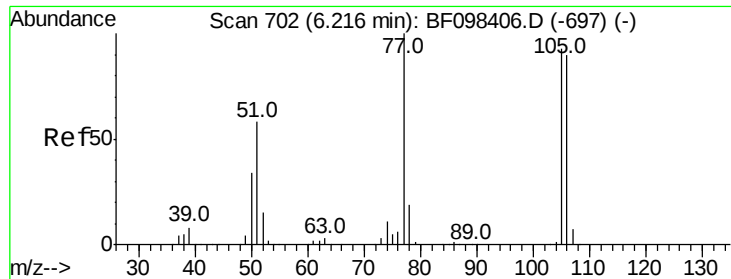
Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:	128	Resp:	291407
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.9	52.9
64	52.0	28.4	68.4





#9

Benzaldehyde

Concen: 20.543 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

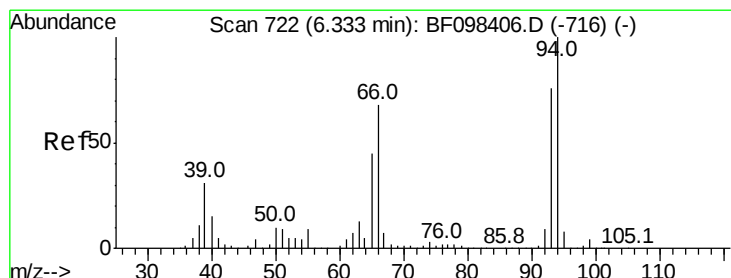
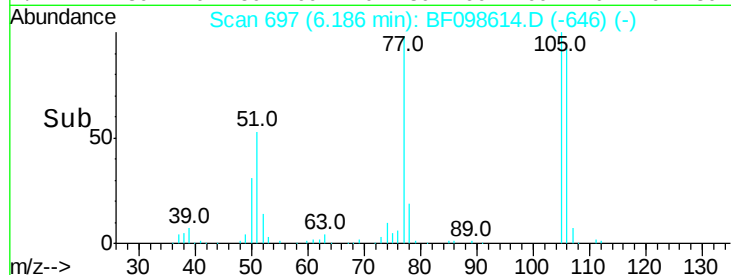
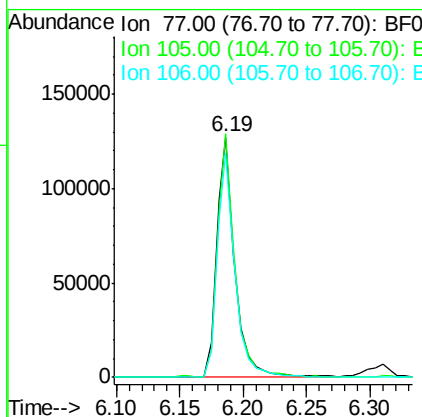
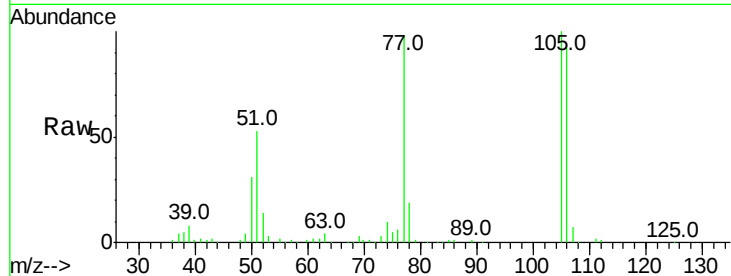
ClientSampleId :

TP-5D46MS

Tot Ion:	77	Resp:	127984
Ion	Ratio	Lower	Upper
77	100		
105	101.5	83.8	123.8
106	93.7	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 33.909 ng

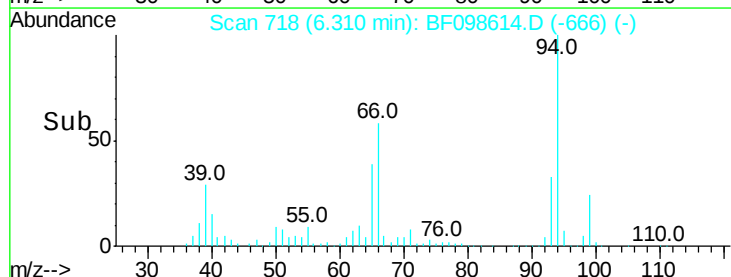
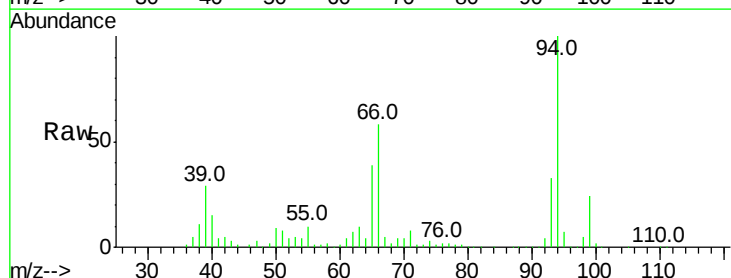
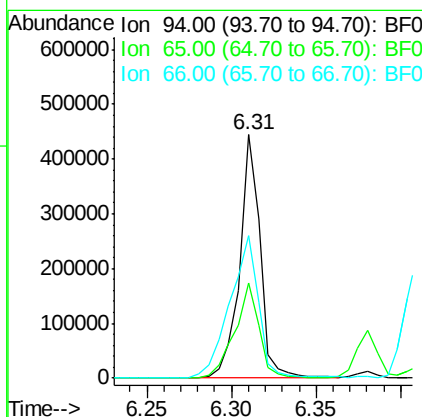
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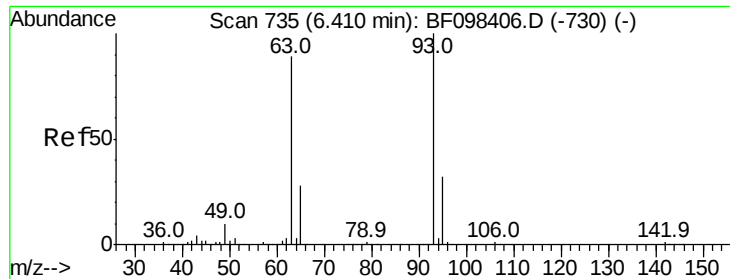
Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:	94	Resp:	375363
Ion	Ratio	Lower	Upper
94	100		
65	39.0	9.9	49.9
66	58.4	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 32.099 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

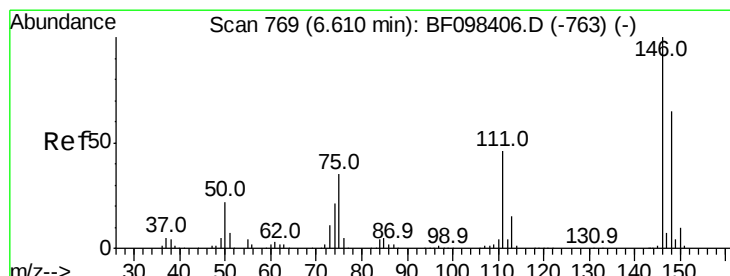
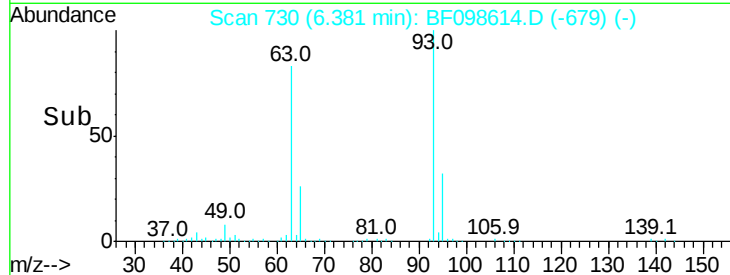
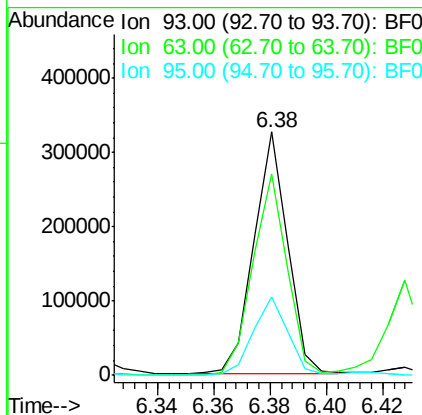
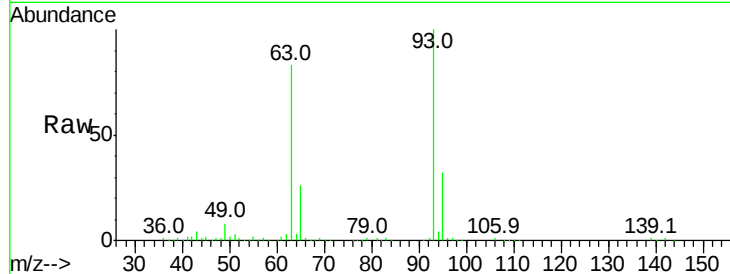
ClientSampleId :

TP-5D46MS

Tot Ion:	93	Resp:	267904
Ion Ratio	Lower	Upper	
93	100		
63	82.6	59.2	99.2
95	32.0	12.8	52.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 33.677 ng

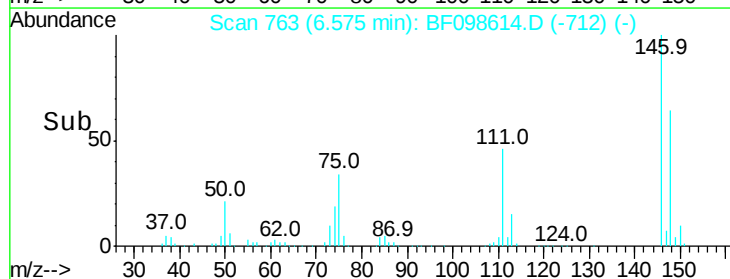
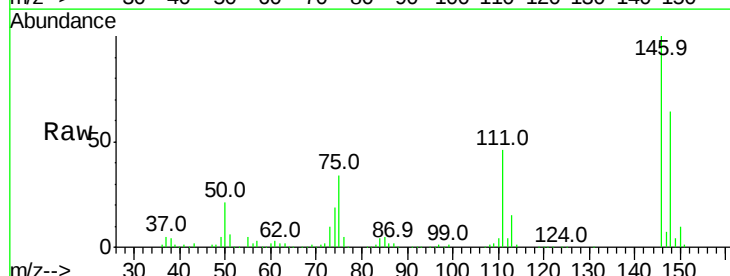
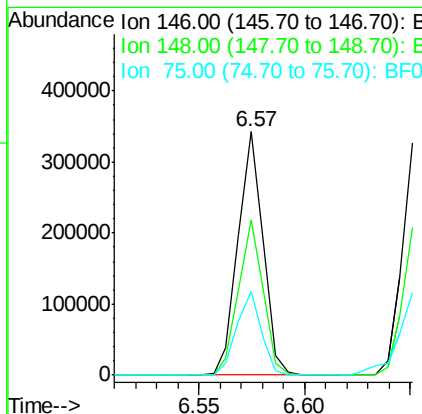
RT: 6.57 min Scan# 763

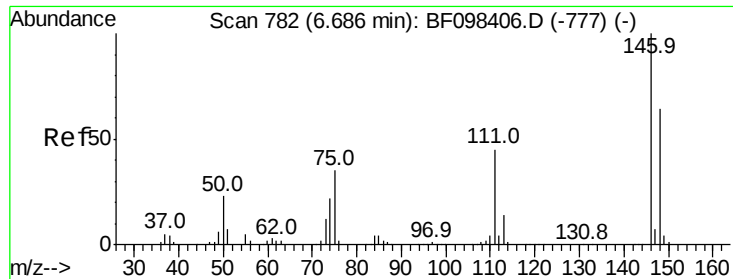
Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:	146	Resp:	279785
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.6
75	34.4	23.1	34.7





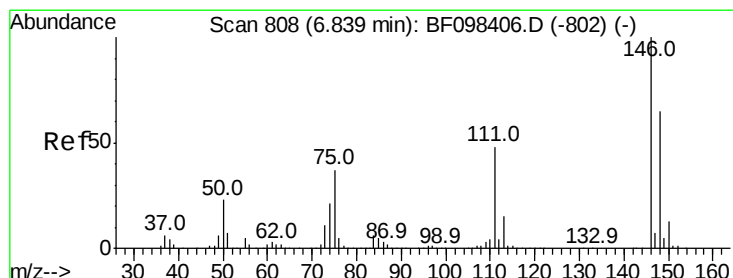
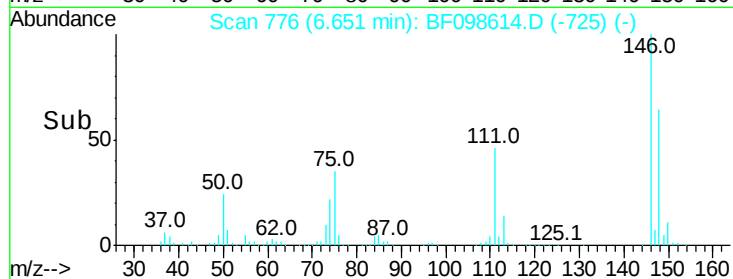
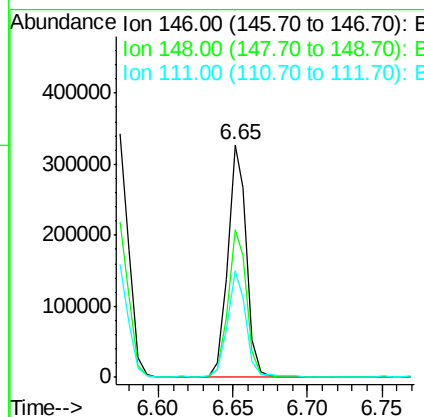
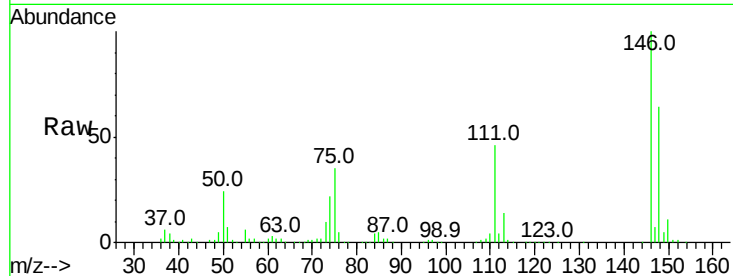
#13
 1,4-Dichlorobenzene
 Concen: 34.032 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	46.1	30.3	45.5#

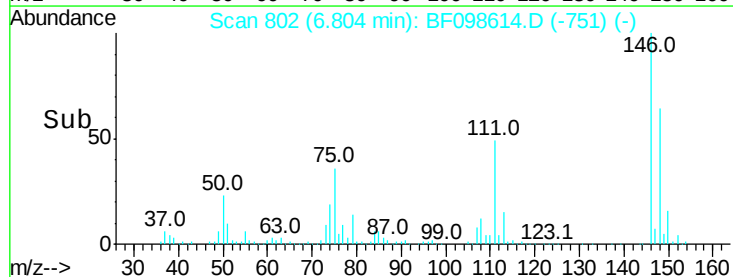
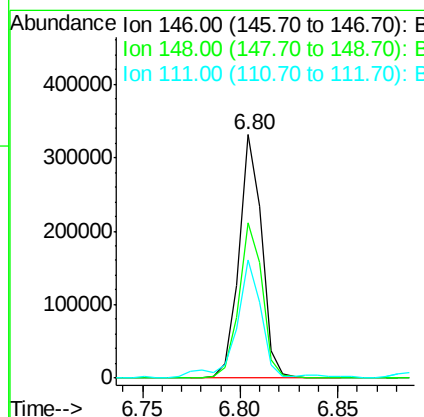
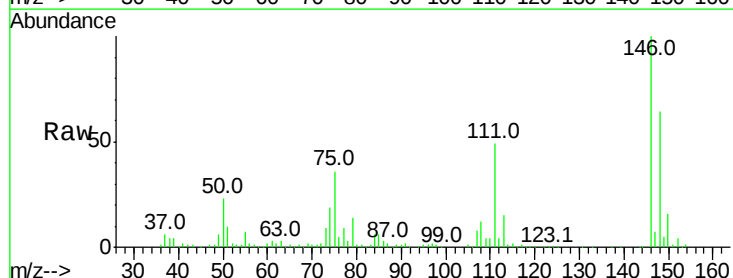
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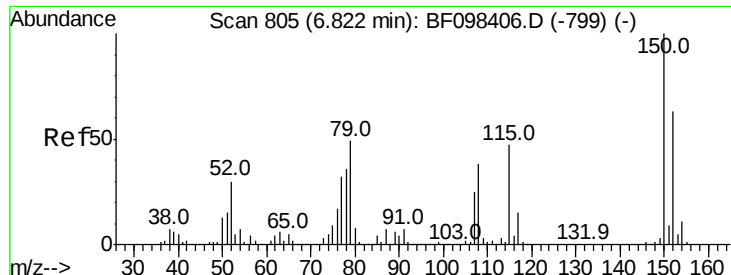
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#14
 1,2-Dichlorobenzene
 Concen: 34.679 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	48.5	38.2	57.4





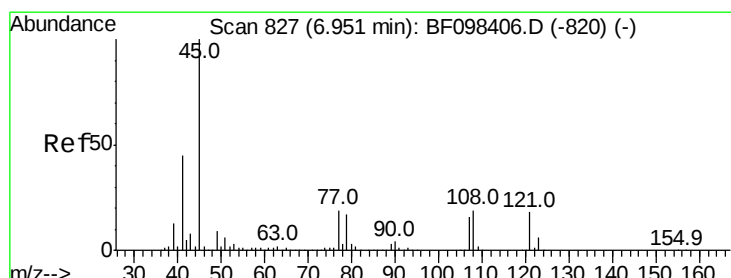
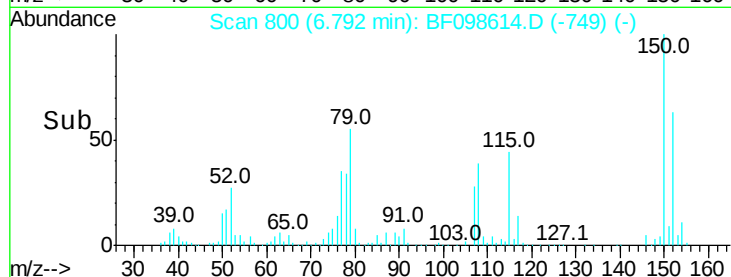
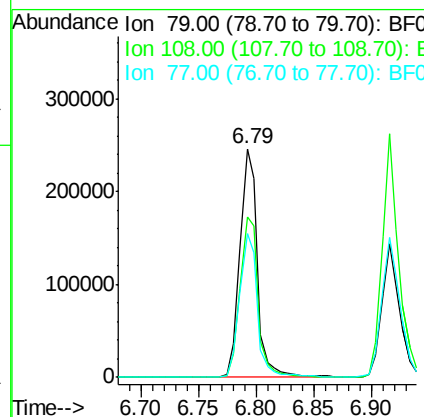
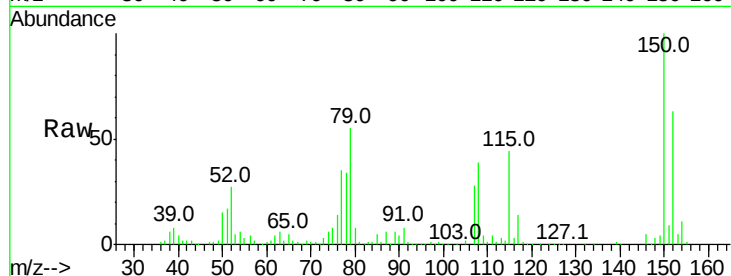
#15
Benzyl Alcohol
Concen: 40.518 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TP-5D46MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.4	63.4	95.0
77	62.7	49.2	73.8

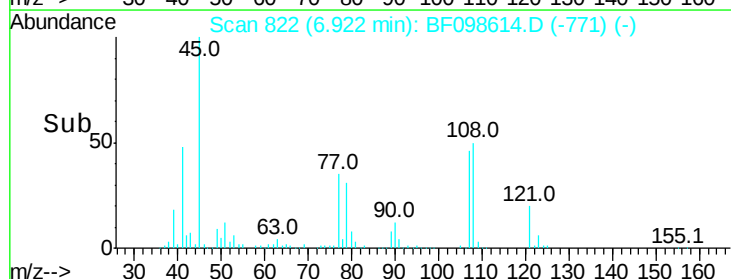
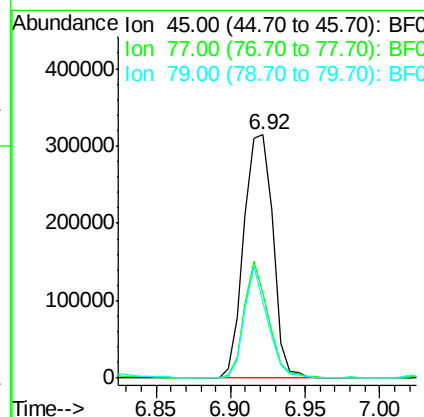
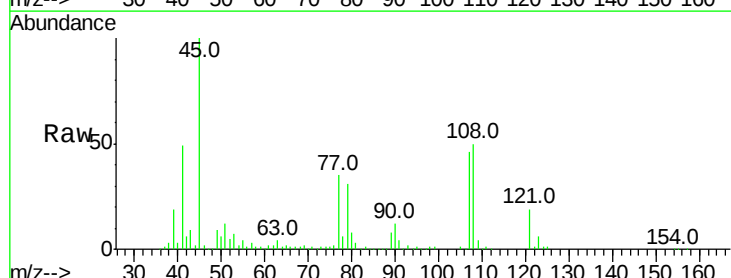
Manual Integrations
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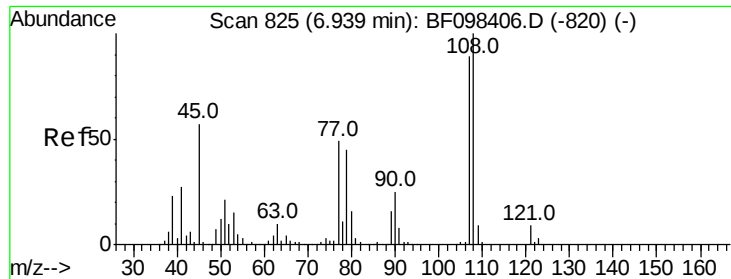
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.075 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.0	0.0	33.2#
79	31.4	0.0	30.0#





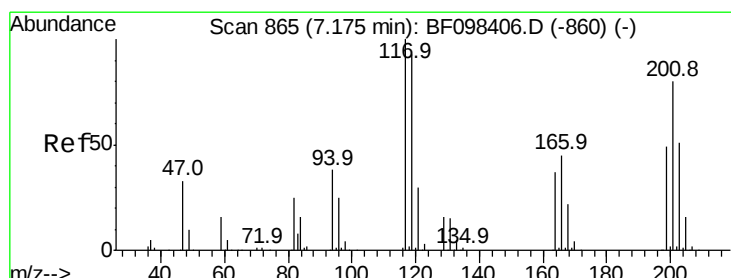
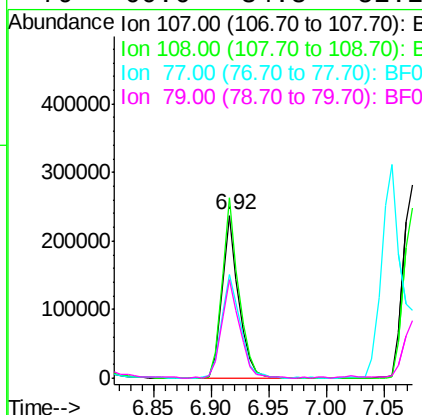
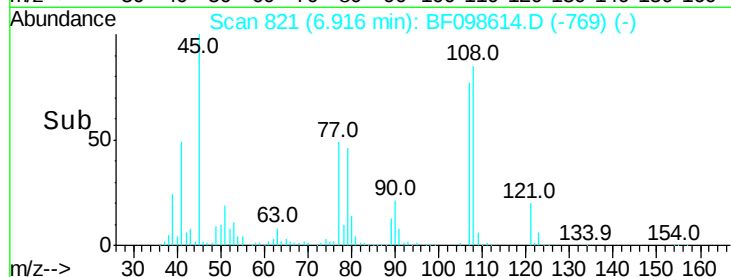
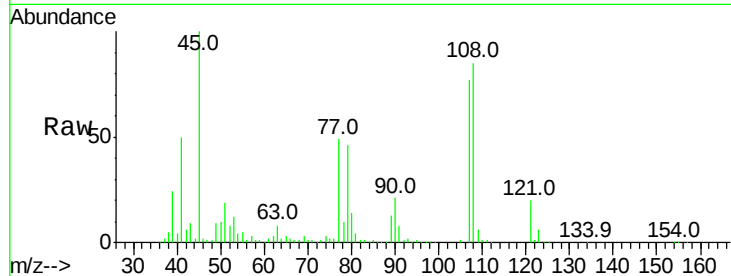
#17
2-Methylphenol
Concen: 35.480 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampled :
TP-5D46MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.6	93.4	140.0	
77	63.5	35.8	53.6#	
79	60.6	34.8	52.2#	

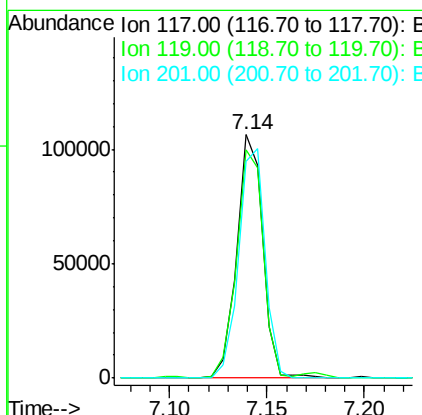
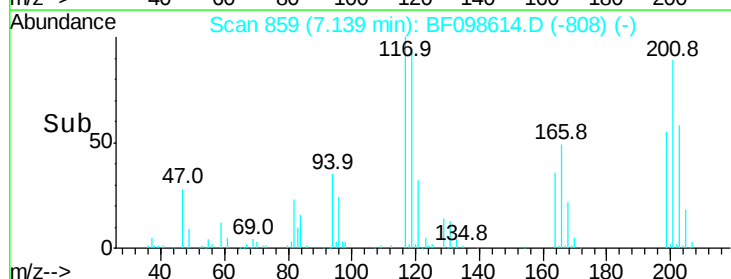
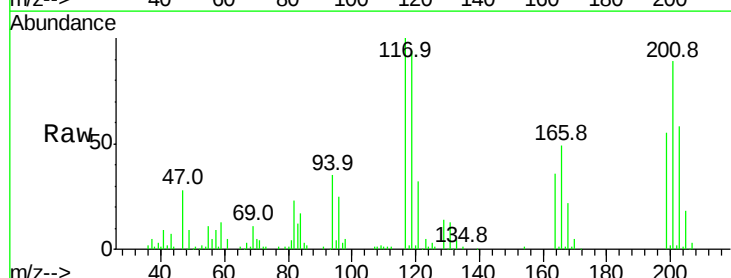
Manual Integrations
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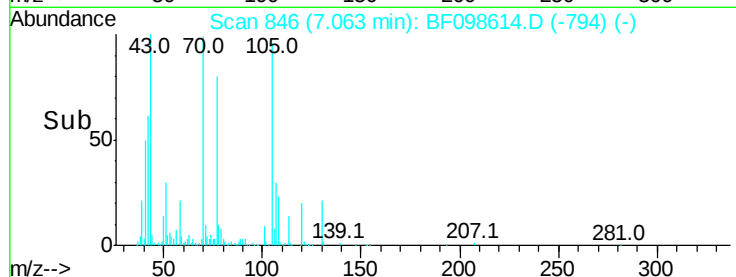
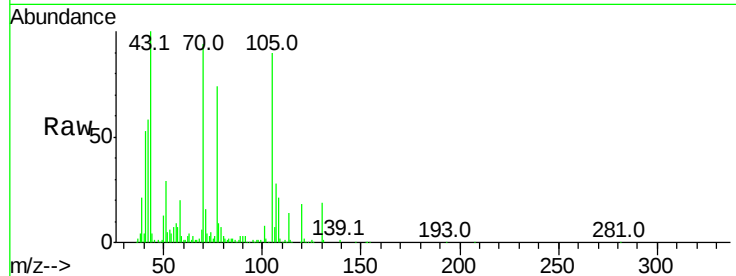
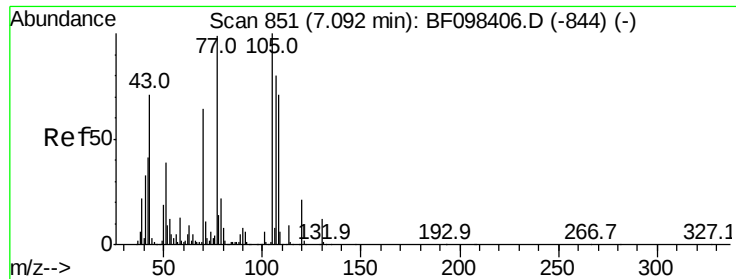
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#18
Hexachloroethane
Concen: 30.139 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.7	77.4	116.0	
201	88.8	94.6	141.8#	





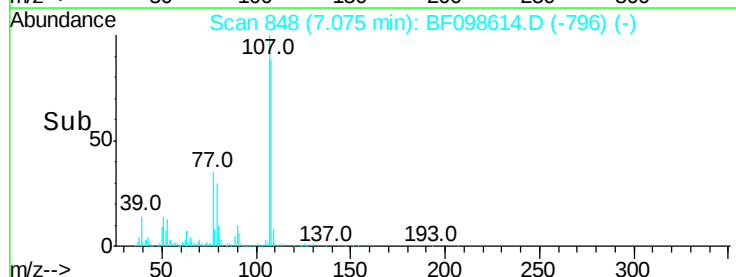
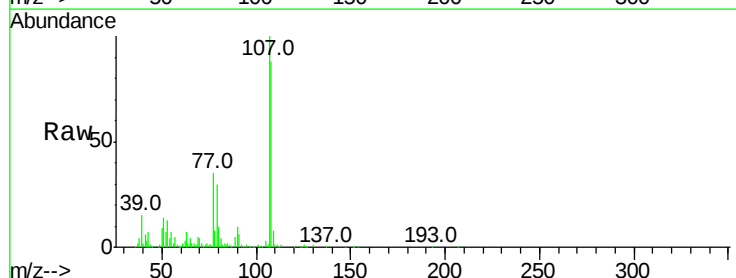
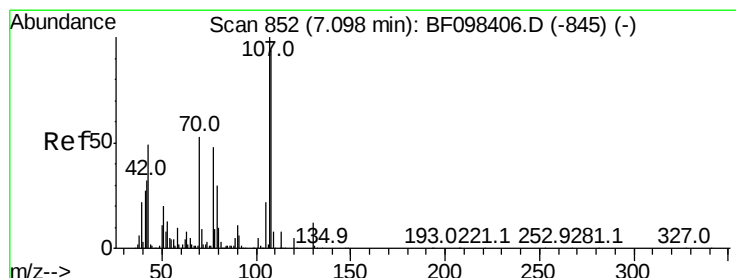
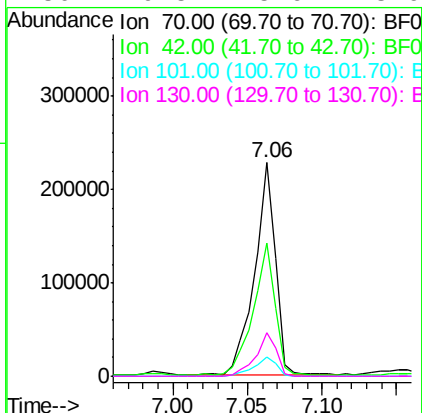
#19
n-Nitroso-di-n-propylamine
Concen: 36.233 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TP-5D46MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.2	70.8
101	9.0	7.2	10.8
130	20.5	15.9	23.9

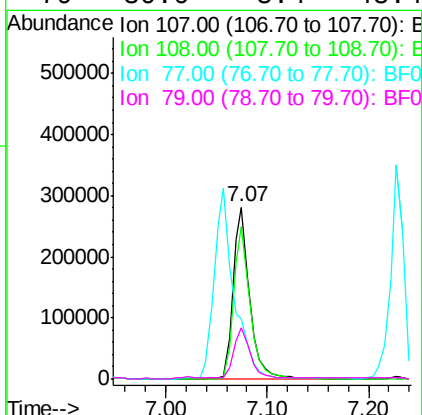
Manual Integrations
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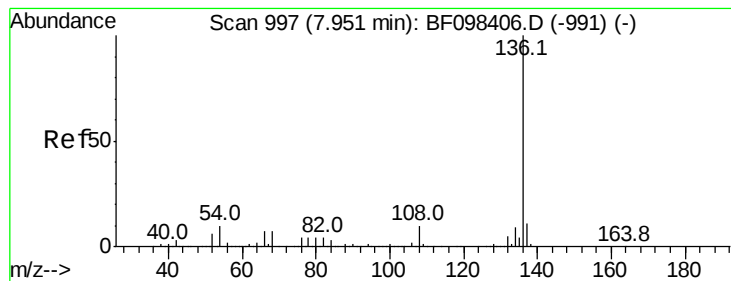
Sohil
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#20
3+4-Methylphenols
Concen: 37.414 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.3	71.0	111.0
77	34.8	90.5	130.5#
79	30.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

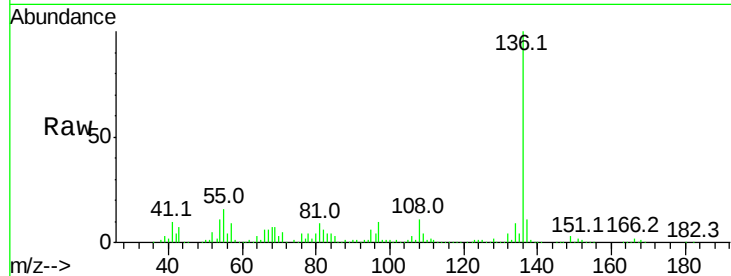
ClientSampleId :

TP-5D46MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.5	12.7	
54	10.6	4.9	7.3#	
68	6.7	4.1	6.1#	

Manual Integrations
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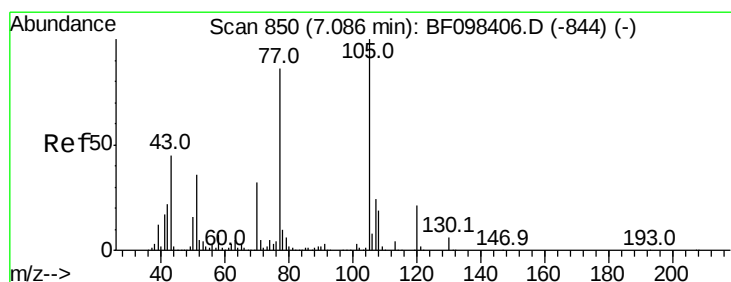
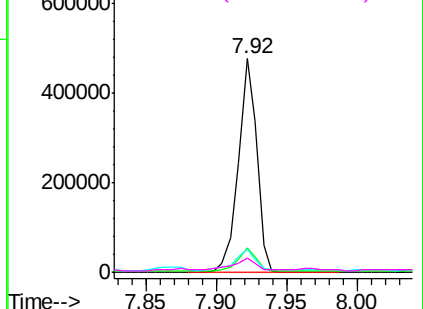
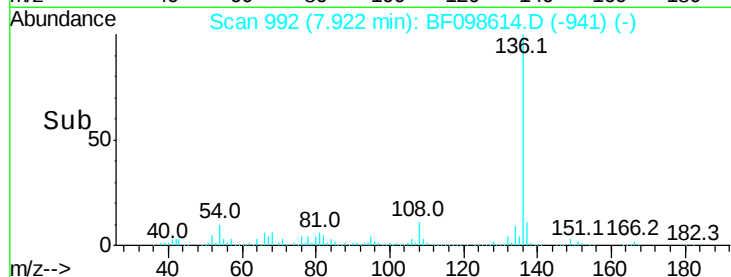


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.208 ng

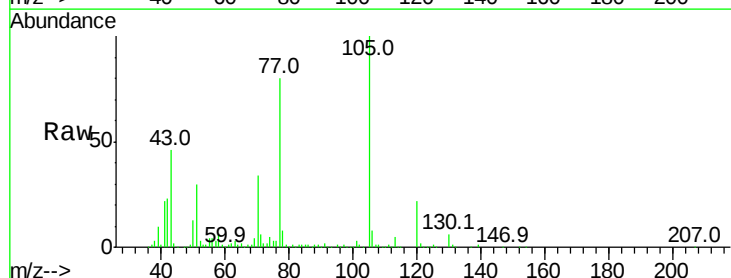
RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.2	2.8	4.2#	
51	30.0	30.7	46.1#	
120	21.6	17.4	26.0	

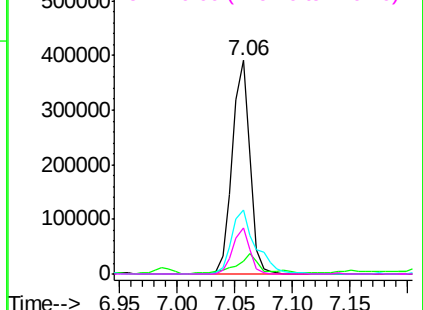
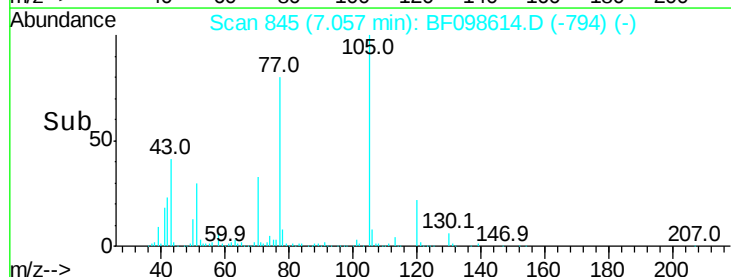


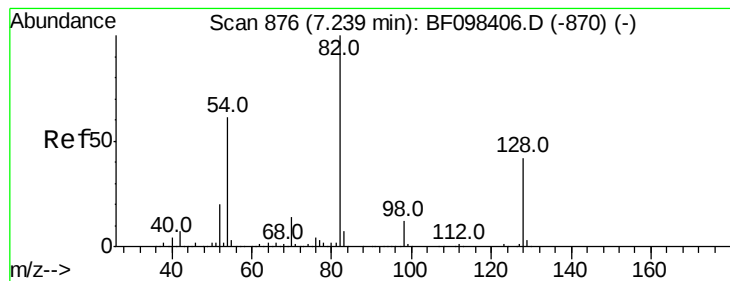
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 73.313 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

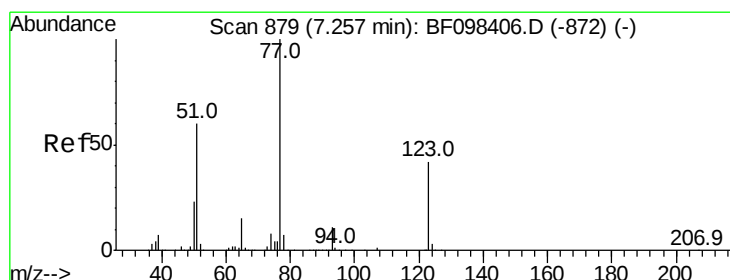
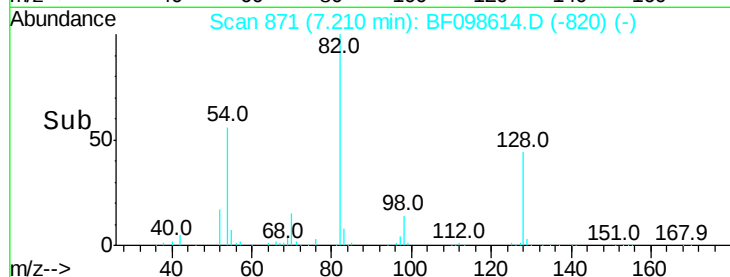
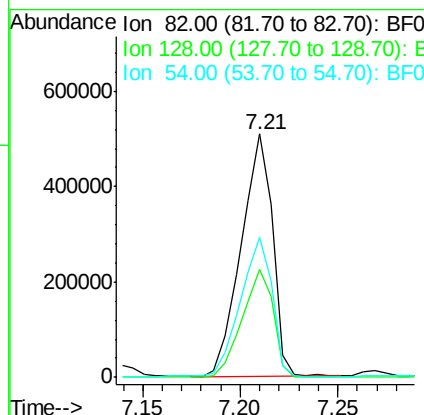
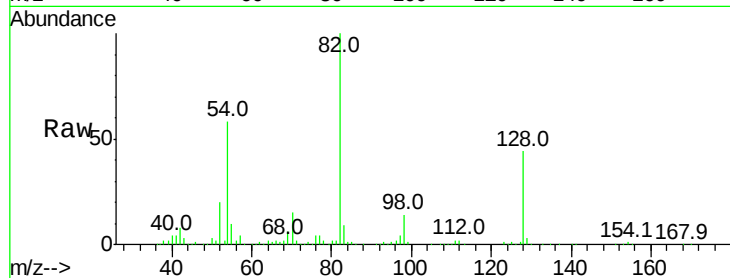
ClientSampleId :

TP-5D46MS

Tot Ion:	82	Resp:	566761
Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.0	51.0
54	57.6	42.2	63.2

Manual Integrations
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#24

Nitrobenzene

Concen: 34.794 ng

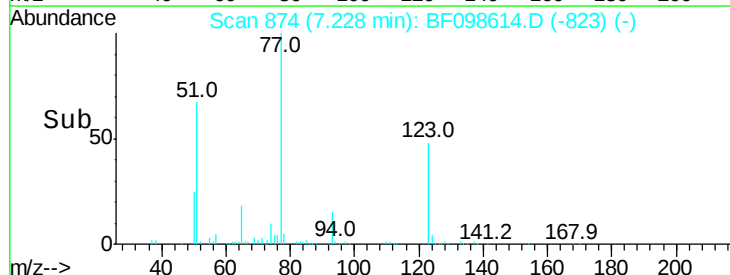
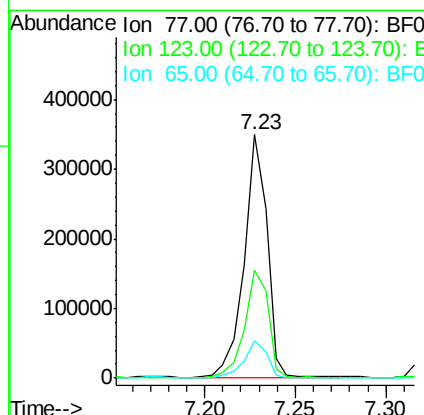
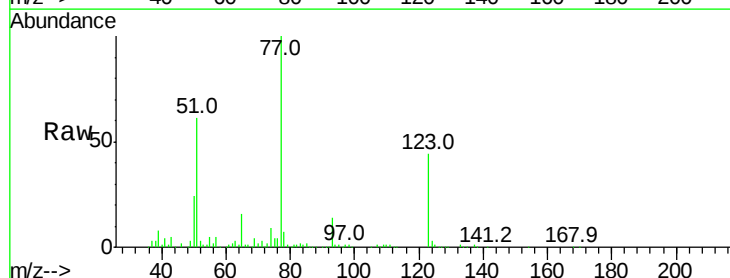
RT: 7.23 min Scan# 874

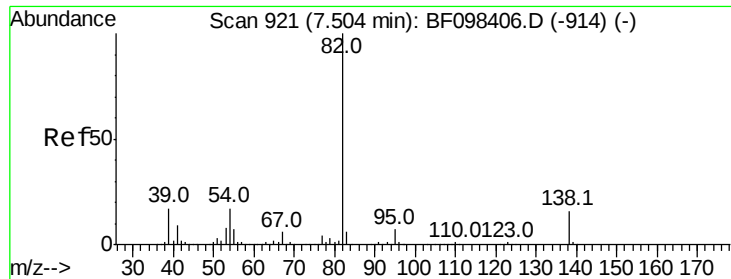
Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:	77	Resp:	306390
Ion	Ratio	Lower	Upper
77	100		
123	44.3	35.8	53.8
65	15.6	10.6	15.8





#25

Isophorone

Concen: 35.023 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

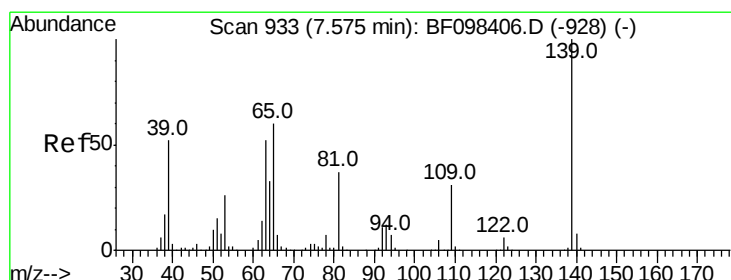
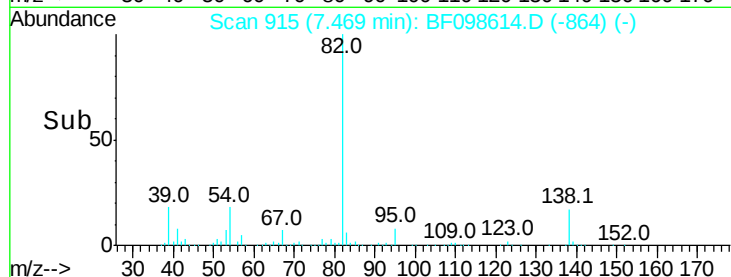
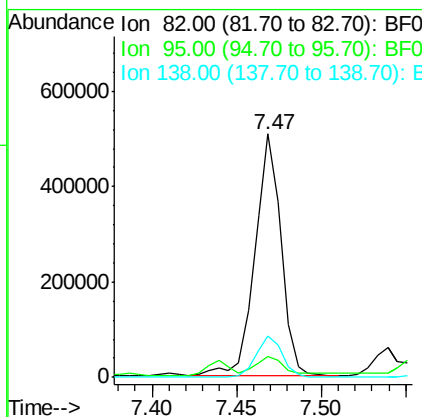
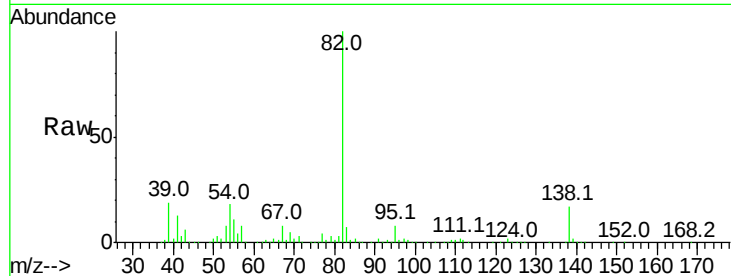
ClientSampleId :

TP-5D46MS

Tot Ion:	82	Resp:	547811
Ion Ratio	Lower	Upper	
82	100		
95	8.4	5.3	7.9#
138	16.8	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.827 ng

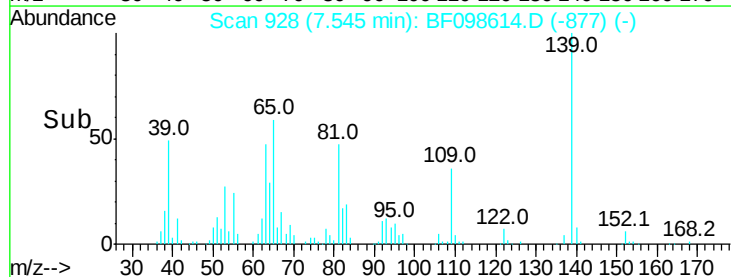
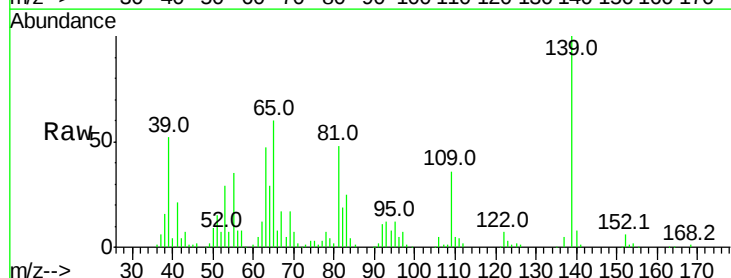
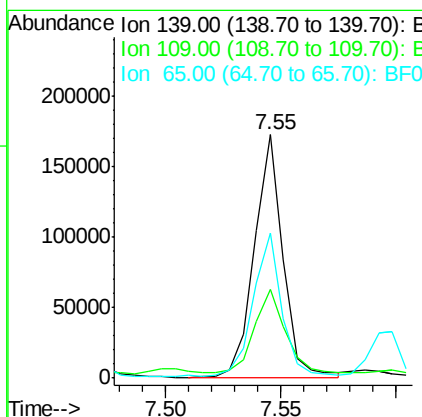
RT: 7.55 min Scan# 928

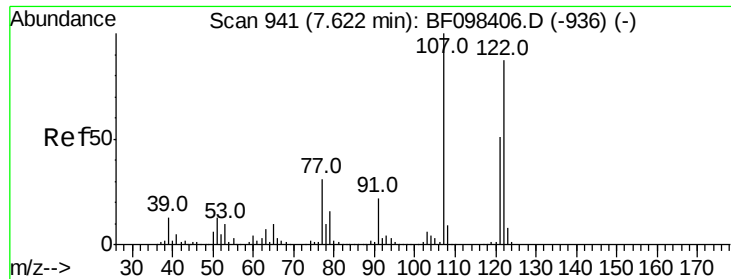
Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:	139	Resp:	148714
Ion Ratio	Lower	Upper	
139	100		
109	36.3	21.0	31.6#
65	59.7	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 36.684 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

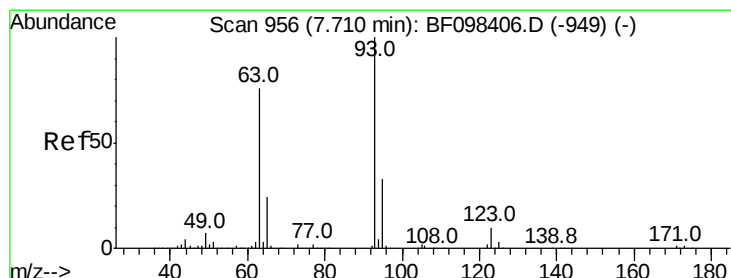
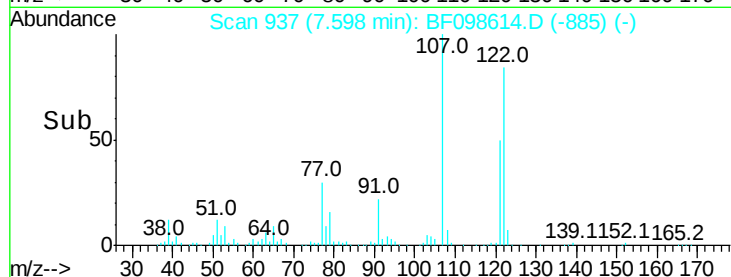
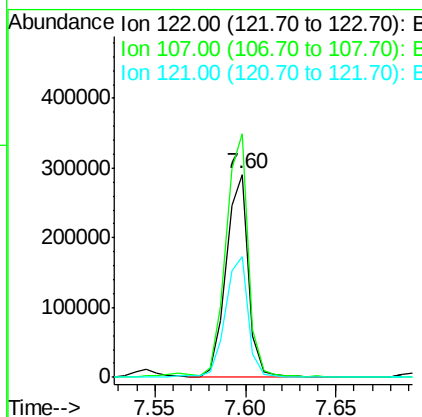
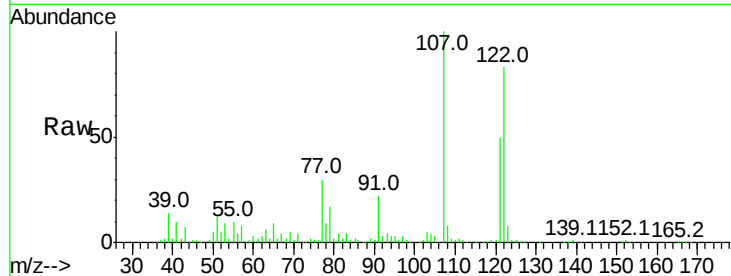
ClientSampleId :

TP-5D46MS

Tot Ion:	122	Resp:	248634
Ion Ratio	Lower	Upper	
122	100		
107	119.8	89.2	133.8
121	59.5	45.2	67.8

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#28

bis(2-Chloroethoxy)methane

Concen: 35.727 ng

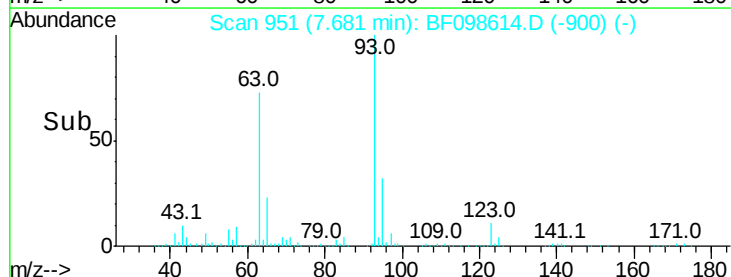
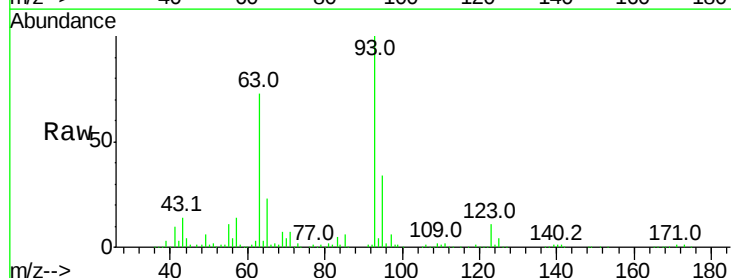
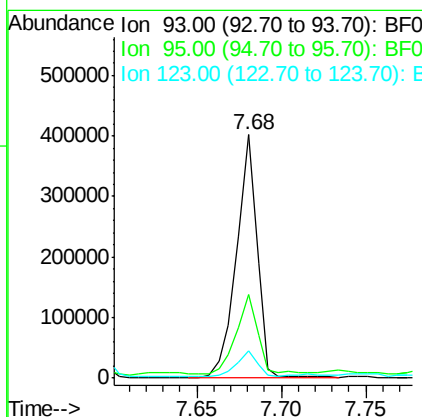
RT: 7.68 min Scan# 951

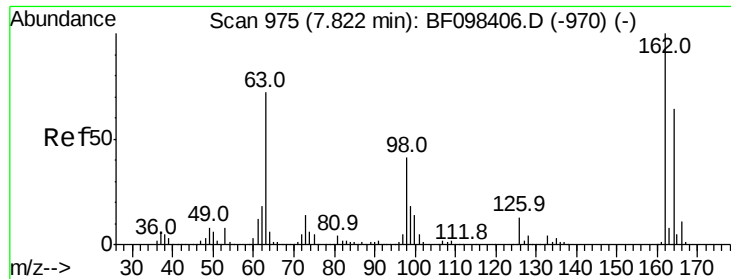
Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:	93	Resp:	340988
Ion Ratio	Lower	Upper	
93	100		
95	34.2	26.5	39.7
123	11.2	9.0	13.4





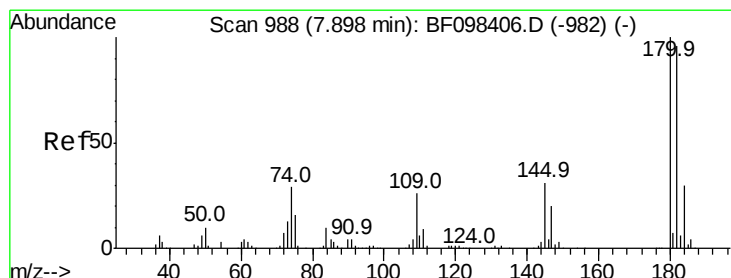
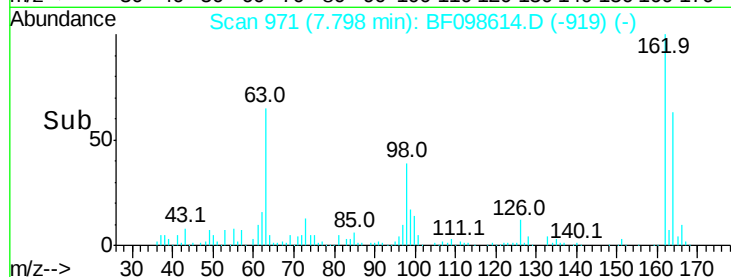
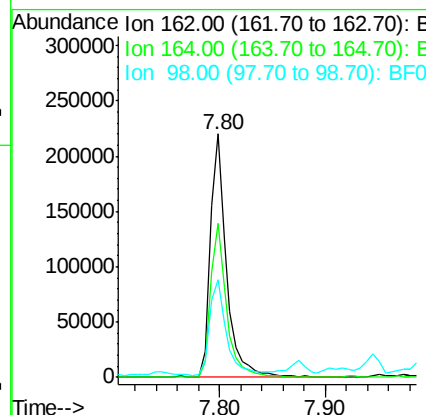
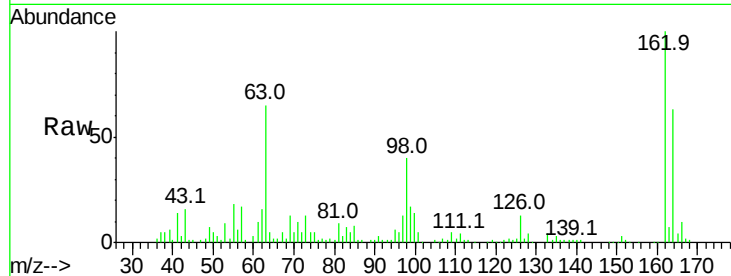
#29
2,4-Dichlorophenol
Concen: 41.382 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TP-5D46MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	44.6	84.6
98	40.1	14.8	54.8

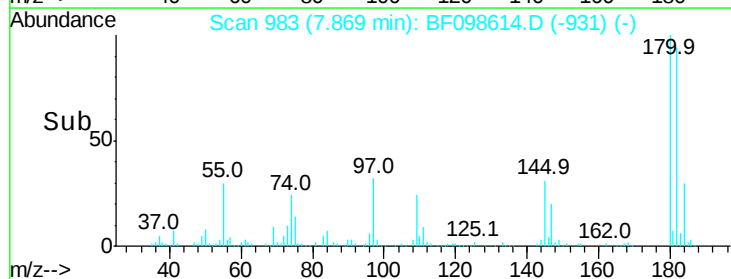
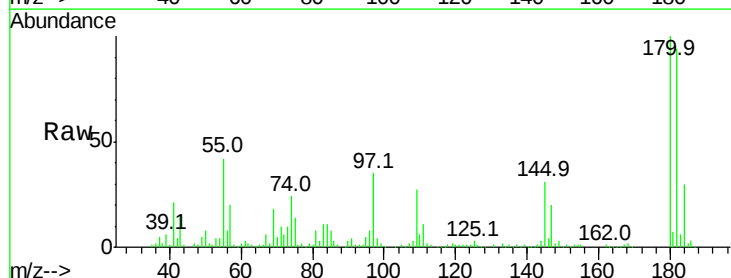
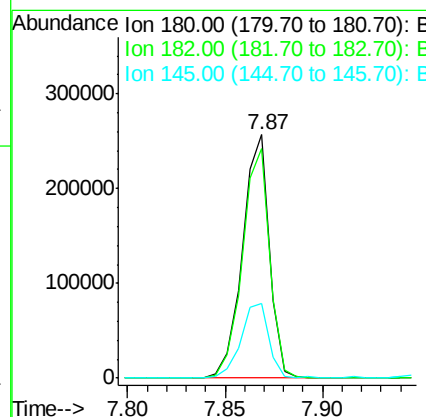
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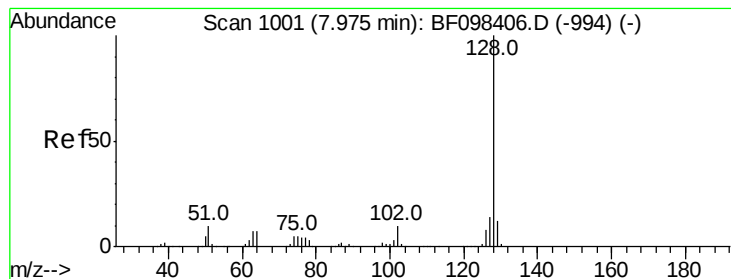
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#30
1,2,4-Trichlorobenzene
Concen: 39.927 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.2	75.8	113.6
145	30.5	25.3	37.9





#31

Naphthalene

Concen: 37.279 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

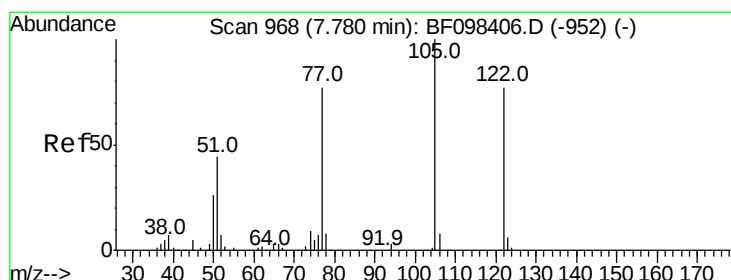
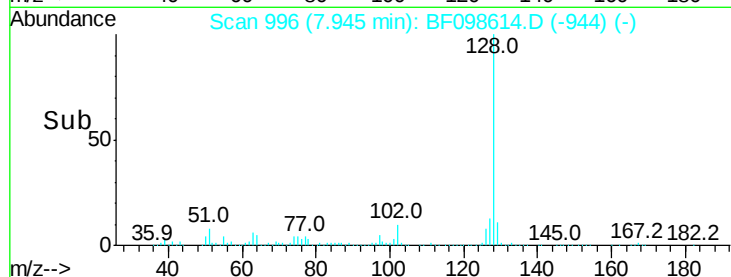
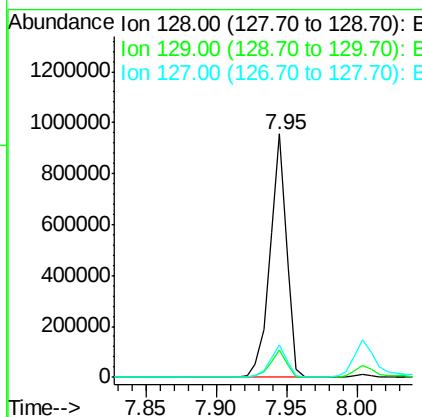
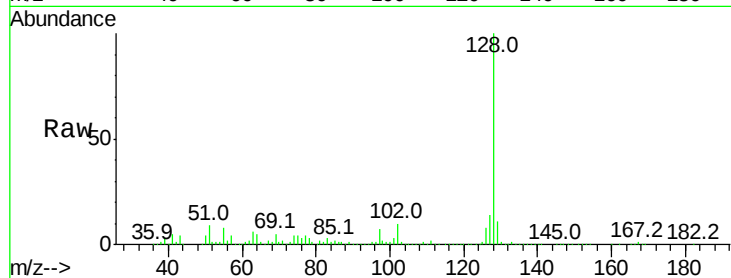
ClientSampleId :

TP-5D46MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	794258		
129	11.3	9.0	13.6	
127	13.5	10.8	16.2	

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#32

Benzoic acid

Concen: 32.214 ng

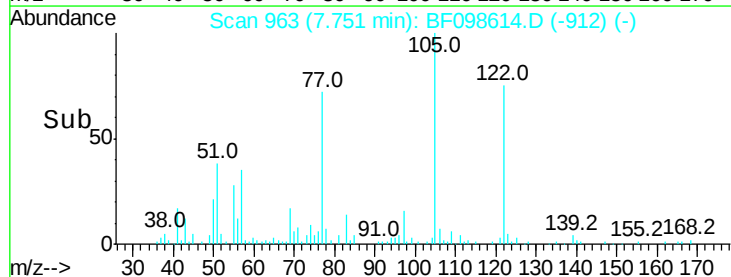
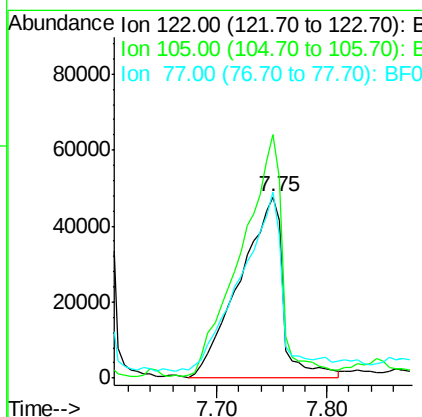
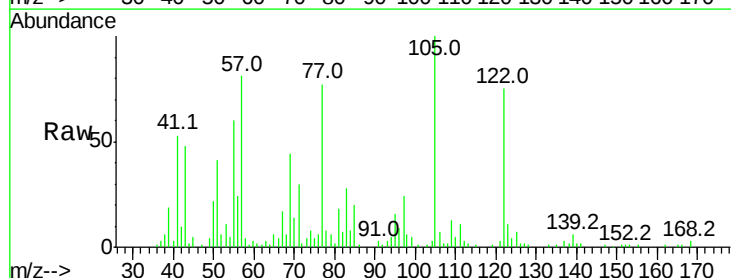
RT: 7.75 min Scan# 963

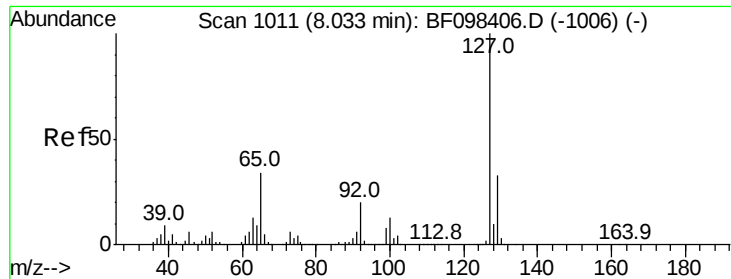
Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	132177		
105	134.2	103.3	143.3	
77	102.8	73.7	113.7	





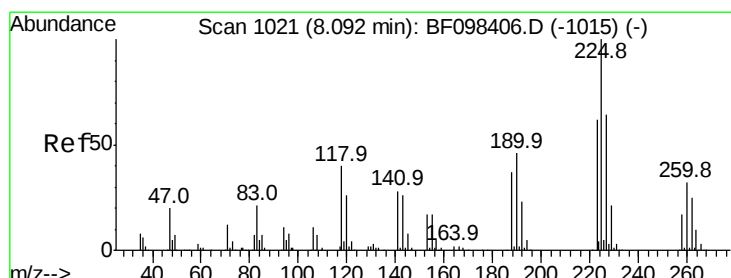
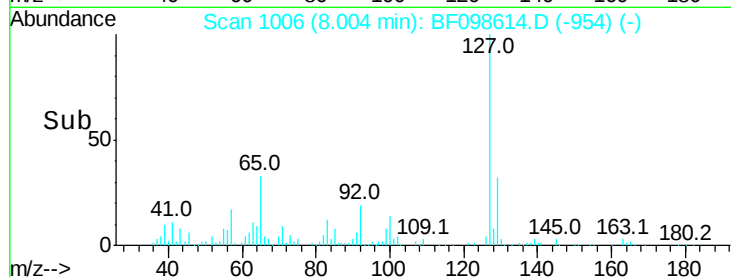
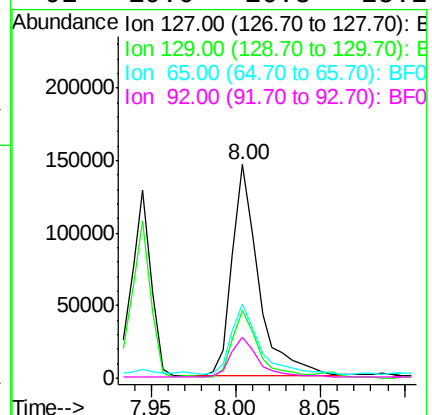
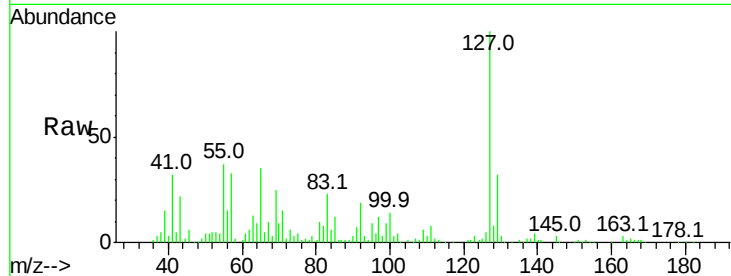
#33
4-Chloroaniline
Concen: 18.461 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TP-5D46MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.2	39.2	
65	34.6	27.8	41.8	
92	19.0	16.8	25.2	

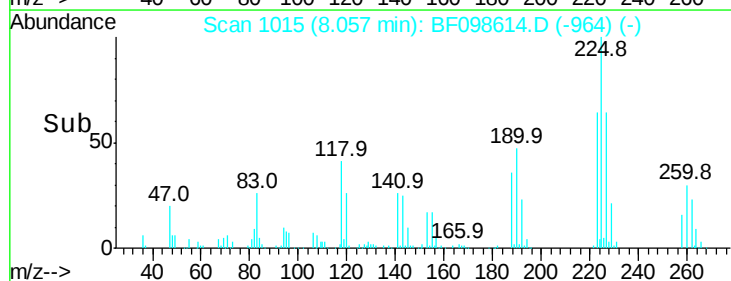
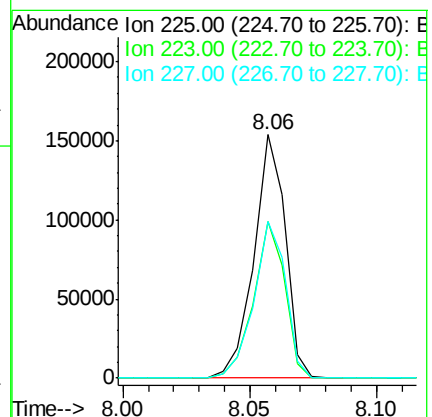
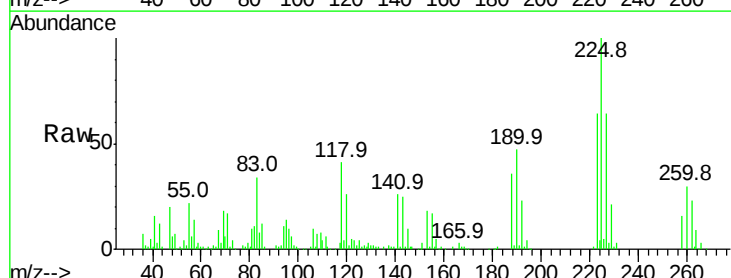
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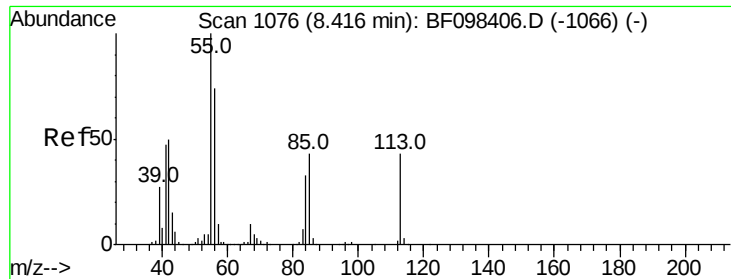
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#34
Hexachlorobutadiene
Concen: 42.300 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	48.8	73.2	
227	64.1	51.1	76.7	





#35

Caprolactam

Concen: 27.946 ng/mL

RT: 8.38 min Scan# 1070

Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

ClientSampled :

TP-5D46MS

Tot Ion:113 Resp: 54322

Ion Ratio Lower Upper

113 100

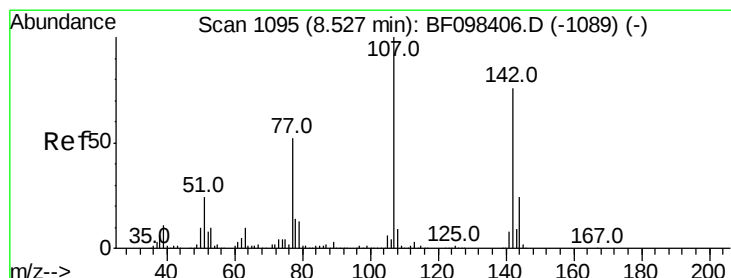
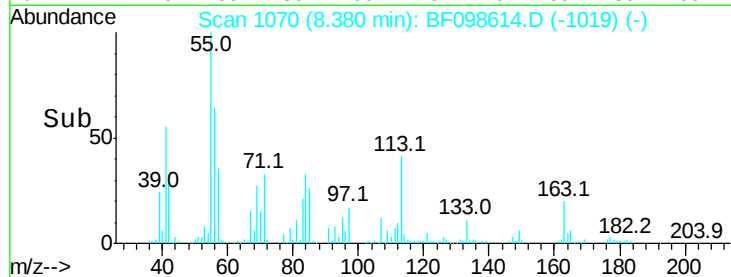
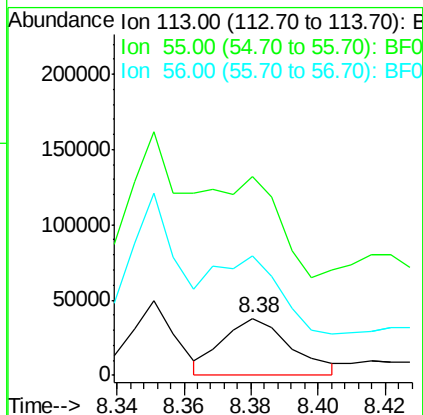
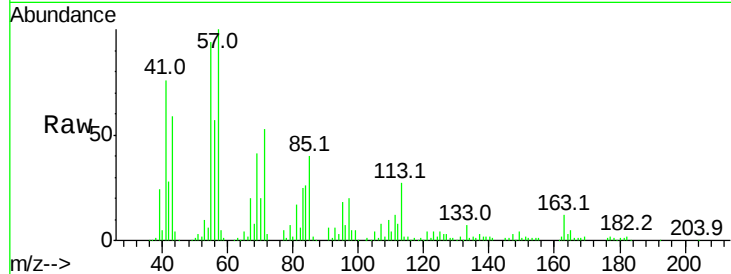
55 348.7 150.2 190.2#

56 209.7 107.8 147.8#

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#36

4-Chloro-3-methylphenol

Concen: 35.378 ng/mL

RT: 8.50 min Scan# 1091

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

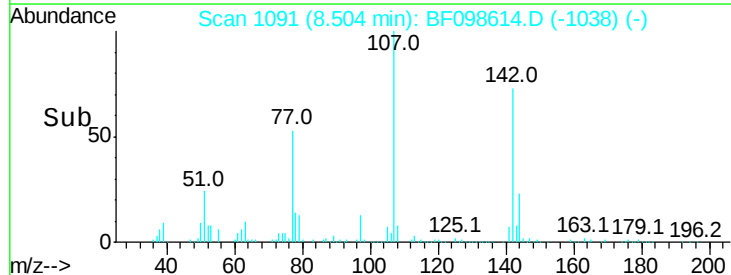
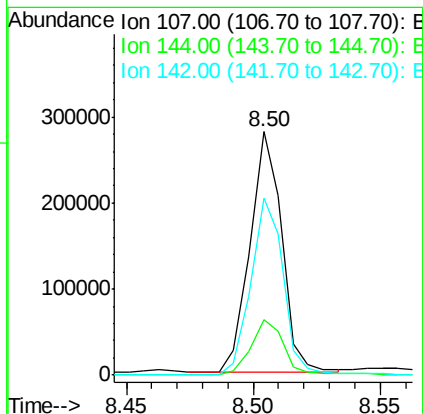
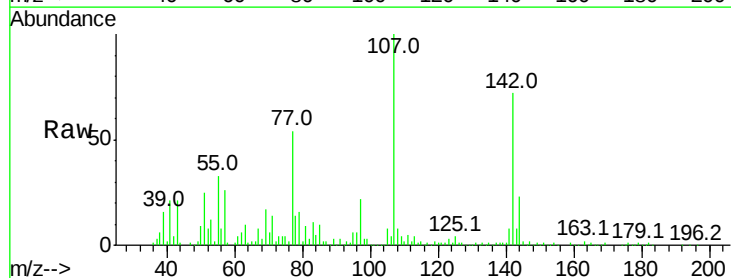
Tgt Ion:107 Resp: 247314

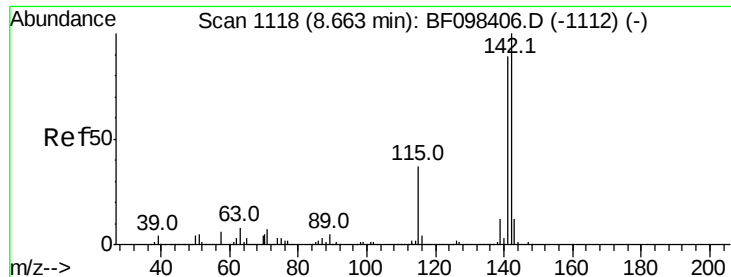
Ion Ratio Lower Upper

107 100

144 22.5 24.2 36.4#

142 72.5 73.4 110.0#





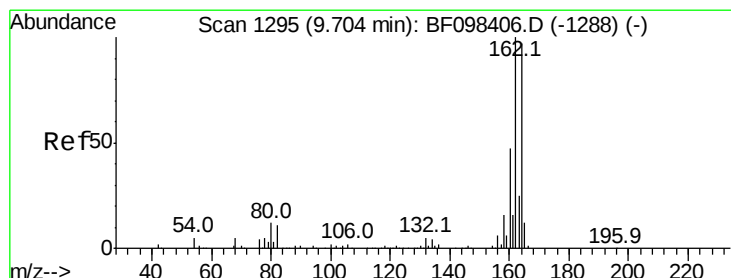
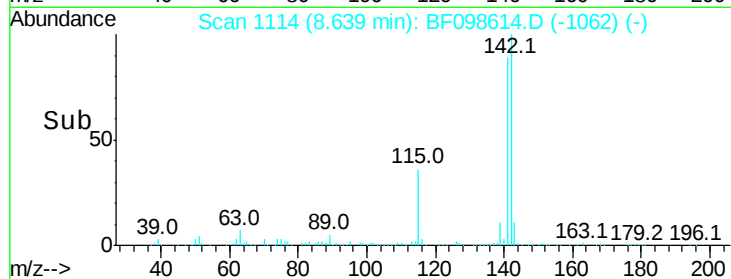
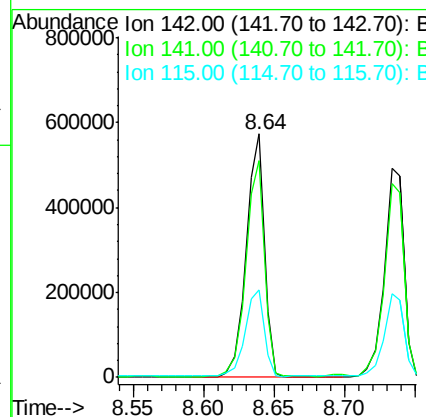
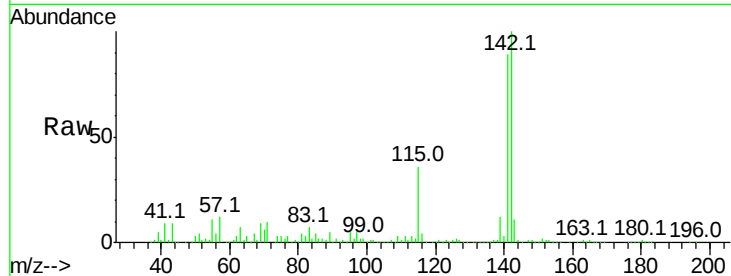
#37
2-Methylnaphthalene
Concen: 40.034 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TP-5D46MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	516675		
141	88.8		71.3	106.9
115	36.2		27.1	40.7

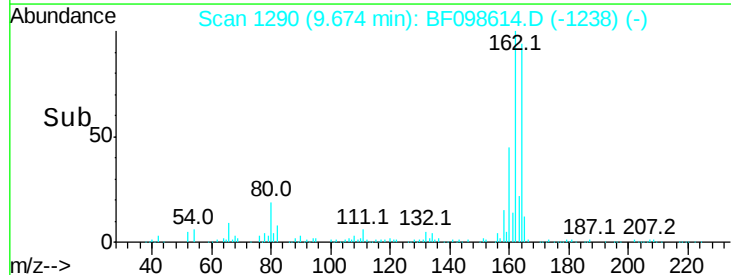
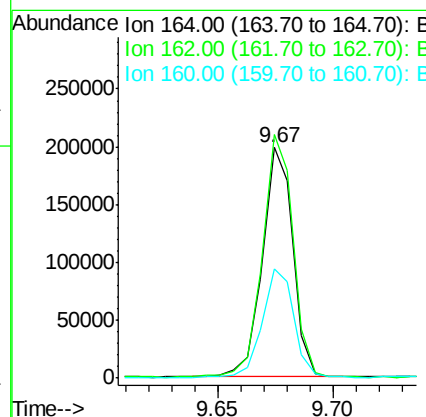
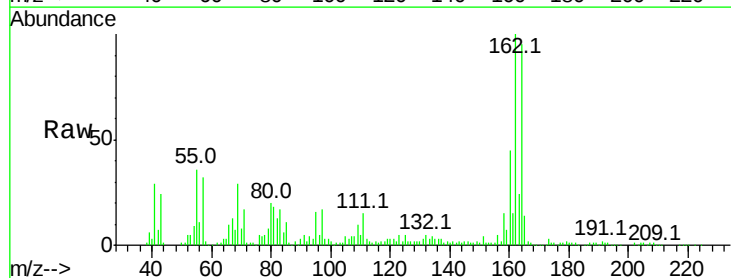
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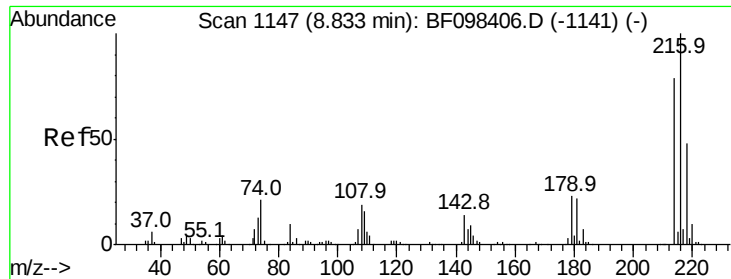
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	182542		
162	105.6		82.6	123.8
160	47.4		36.2	54.2





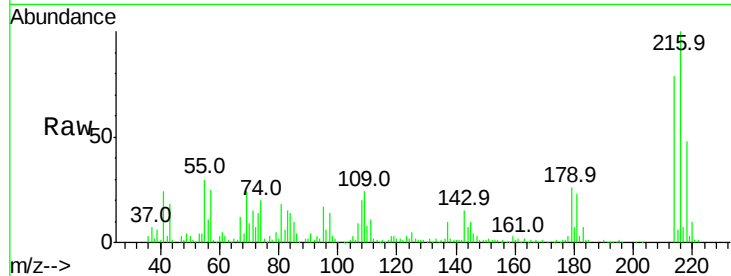
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.450 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MS

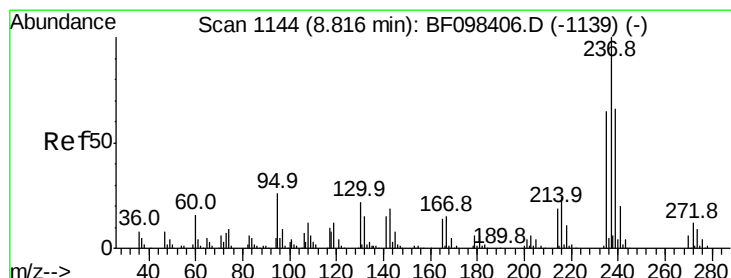
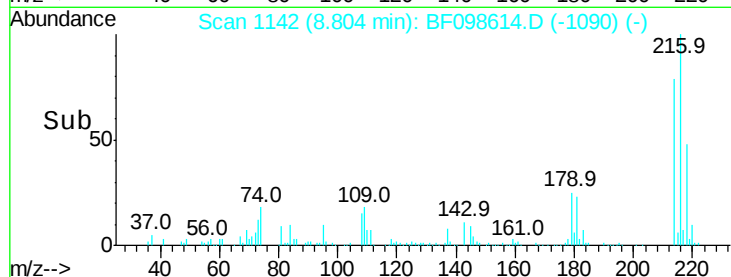
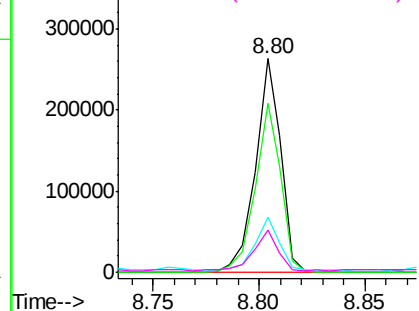
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.7	63.4	95.2
179	24.1	17.9	26.9
108	18.5	16.5	24.7

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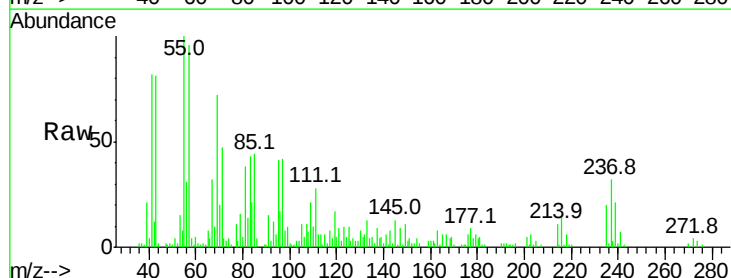


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

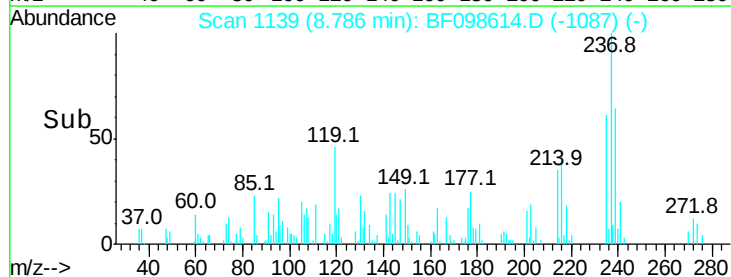
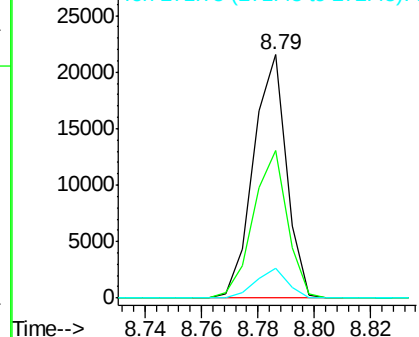


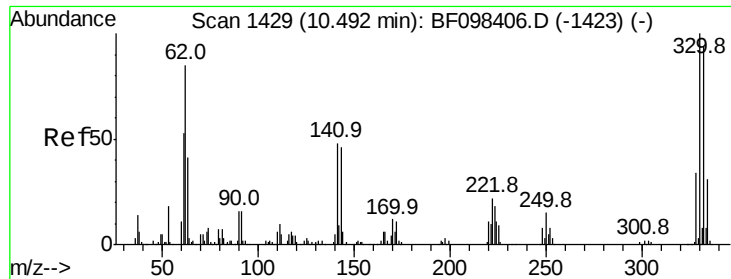
#40
 Hexachlorocyclopentadiene
 Concen: 19.061 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.8	42.6	82.6
272	12.3	0.0	31.9



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





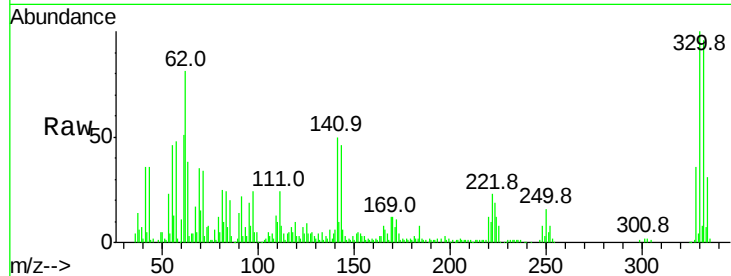
#41
 2,4,6-Tribromophenol
 Concen: 121.146 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MS

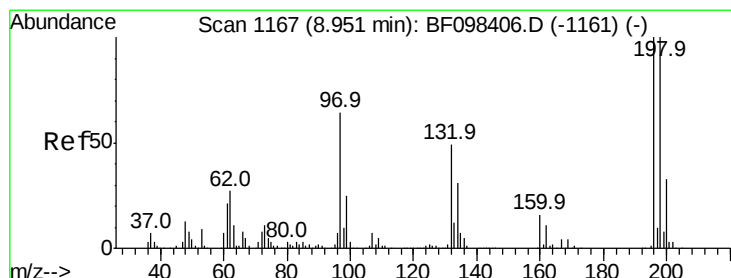
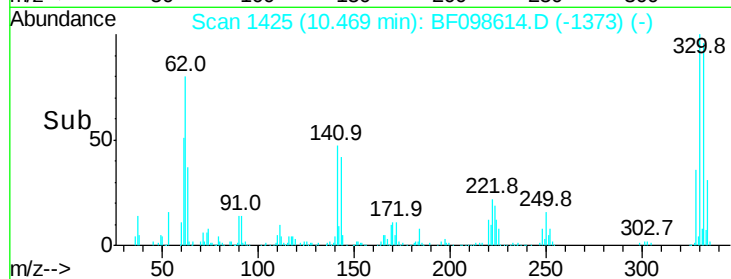
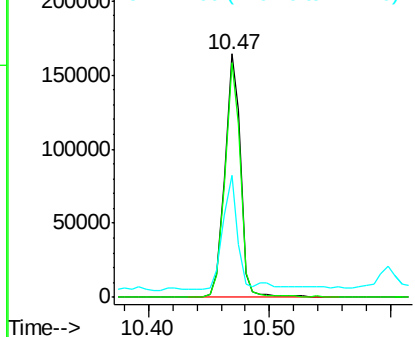
Tot Ion	Ratio	Resp	Lower	Upper
330	100	147595		
332	95.6	76.6	115.0	
141	42.6	31.4	47.2	

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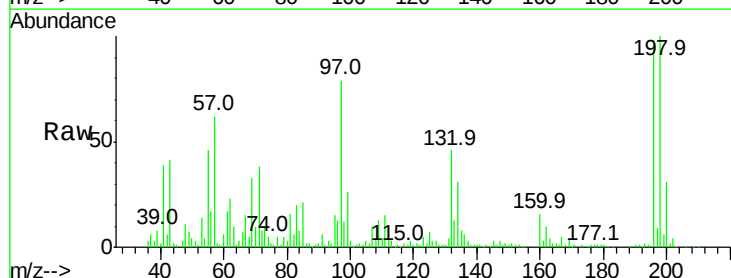


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

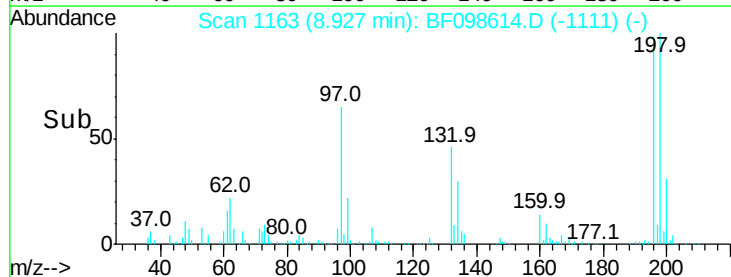
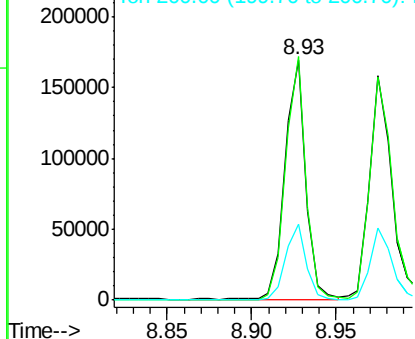


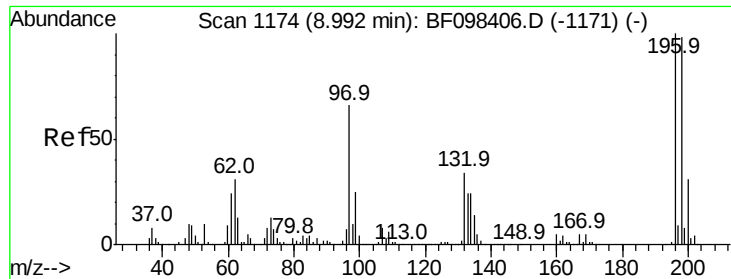
#42
 2,4,6-Trichlorophenol
 Concen: 43.624 ng
 RT: 8.93 min Scan# 1163
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	145698		
198	101.6	74.2	111.4	
200	31.8	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





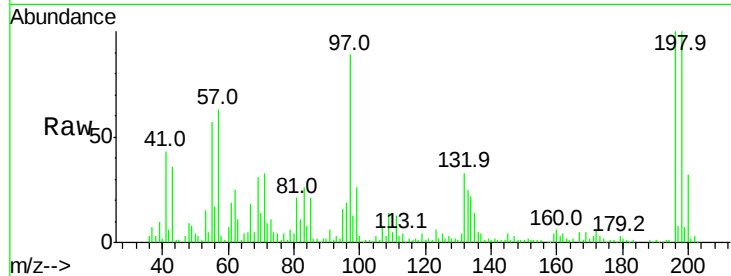
#43
 2,4,5-Trichlorophenol
 Concen: 41.461 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MS

Tot Ion	196	Resp	144737
Ion Ratio	Lower	Upper	
196	100		
198	99.6	75.7	113.5
97	88.8	47.7	71.5#
132	33.0	28.0	42.0

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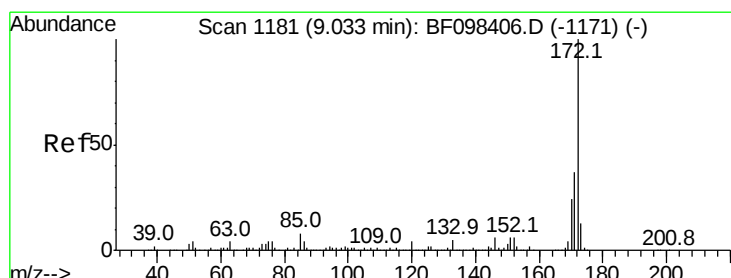
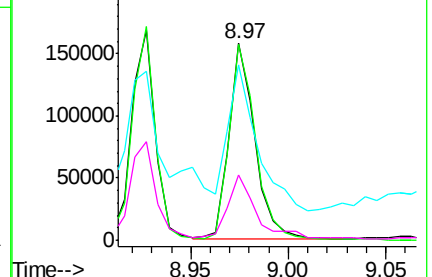
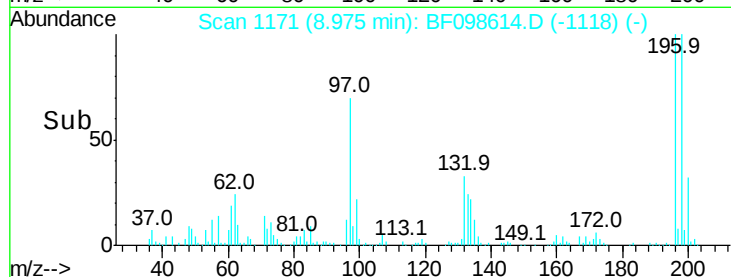
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

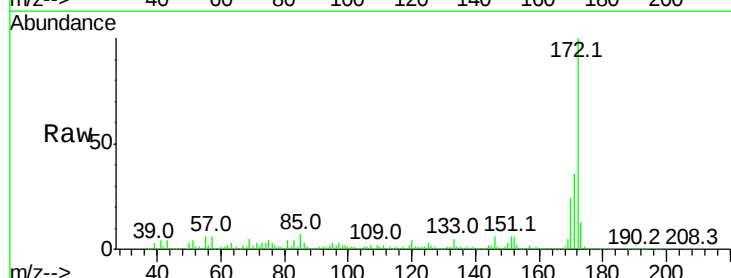
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.409 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Tgt Ion	172	Resp	876768
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	23.8	19.8	29.8

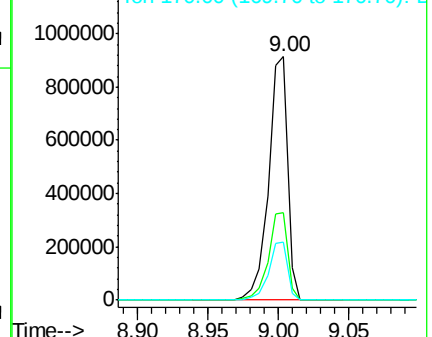
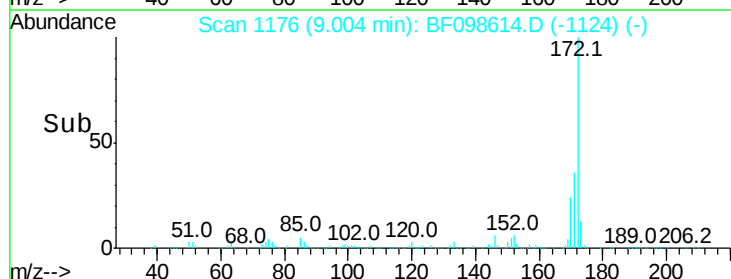


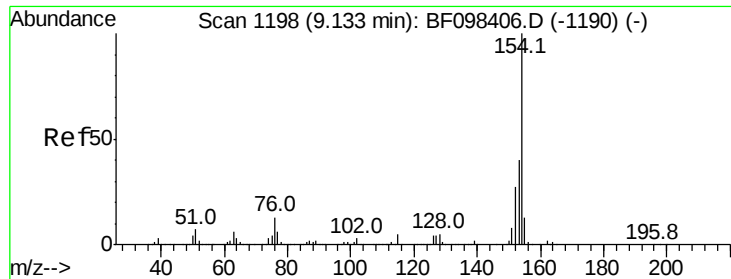
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.254 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

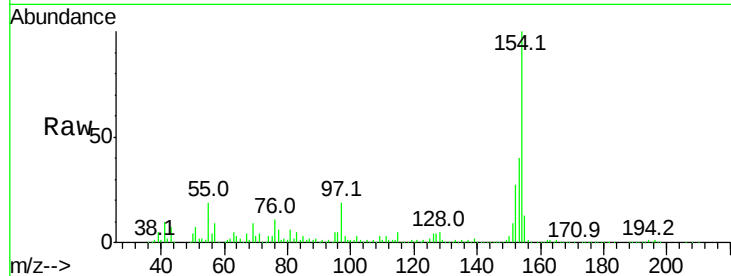
ClientSampleId :

TP-5D46MS

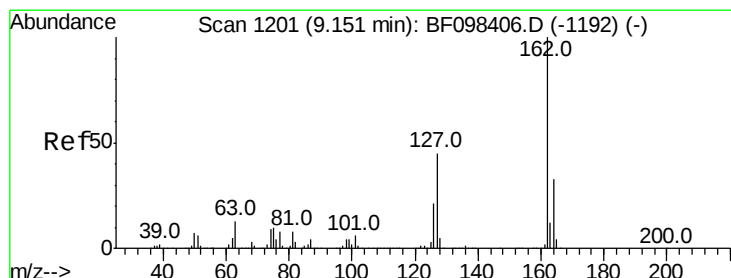
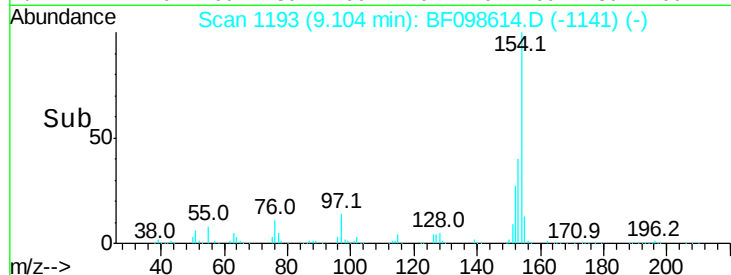
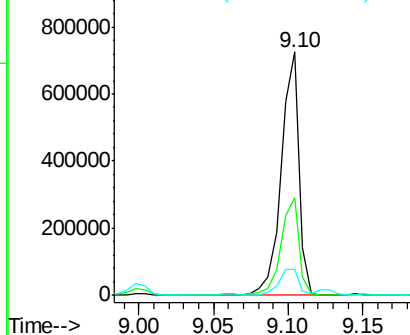
Tot Ion:	154	Resp:	608686
Ion Ratio	Lower	Upper	
154	100		
153	40.4	21.2	61.2
76	10.9	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 38.482 ng

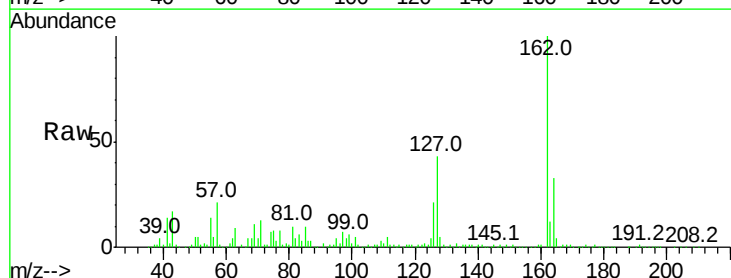
RT: 9.13 min Scan# 1197

Delta R.T. 0.01 min

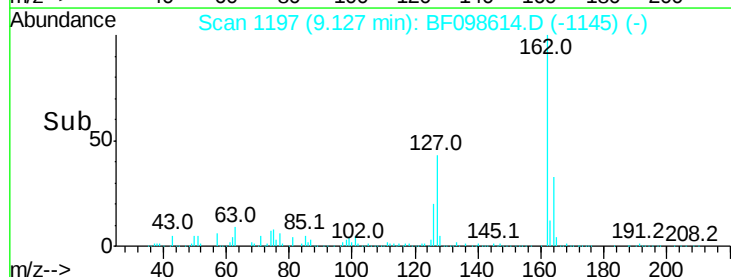
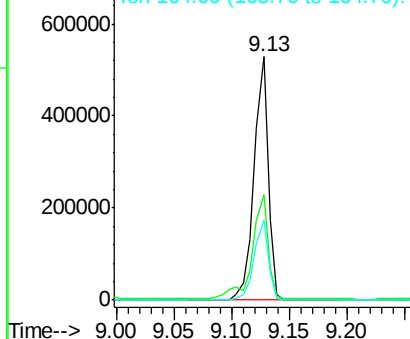
Lab File: BF098614.D

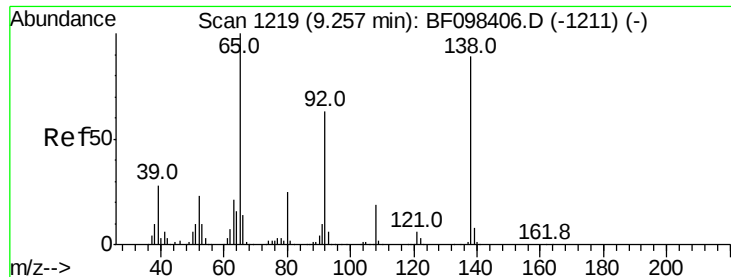
Acq: 18 Sep 2017 20:55

Tgt Ion:	162	Resp:	449026
Ion Ratio	Lower	Upper	
162	100		
127	43.2	28.3	42.5#
164	32.9	27.0	40.4



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





#47

2-Nitroaniline

Concen: 37.141 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

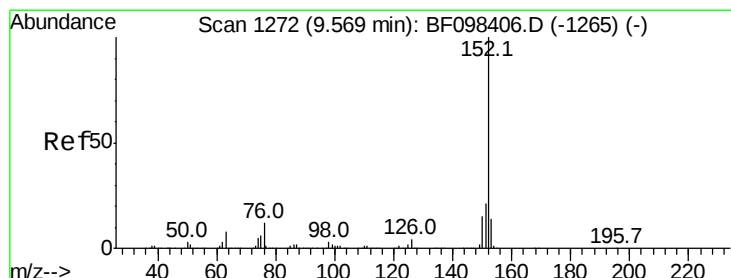
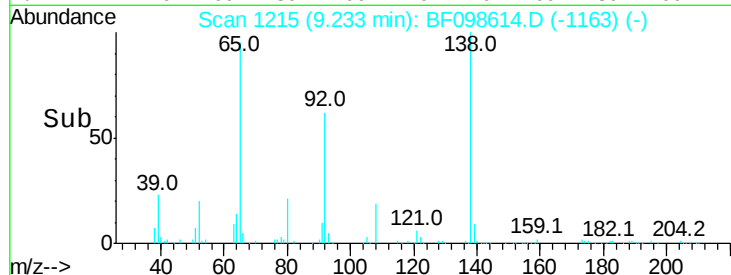
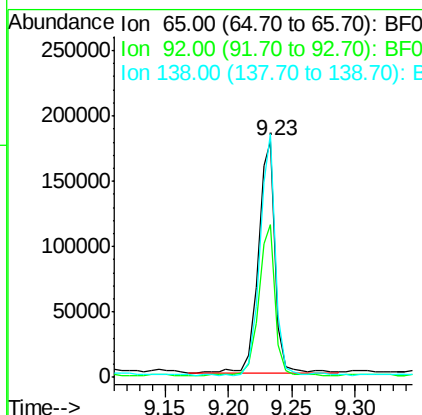
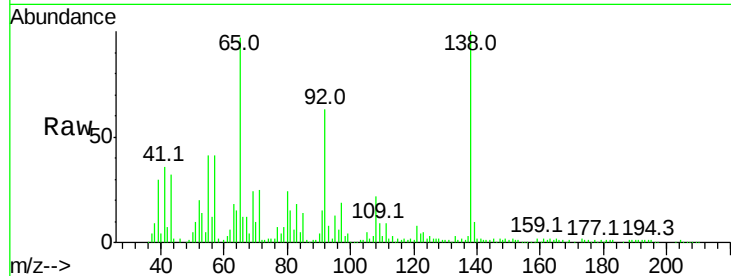
ClientSampleId :

TP-5D46MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.7	53.9	80.9
138	103.2	78.8	118.2

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#48

Acenaphthylene

Concen: 36.075 ng

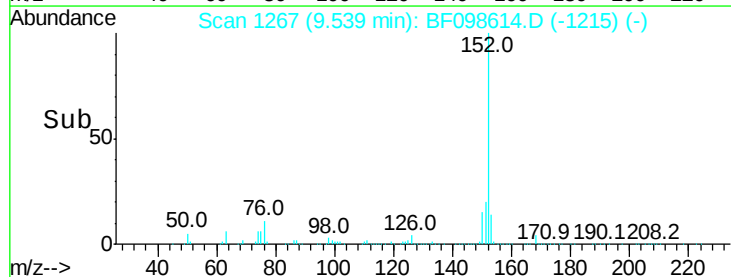
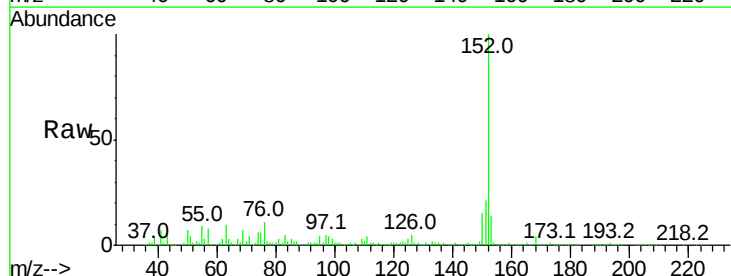
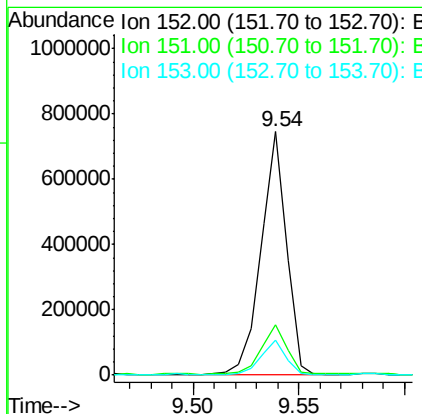
RT: 9.54 min Scan# 1267

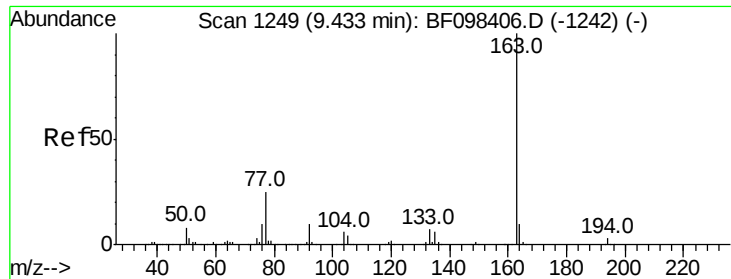
Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.3	10.8	16.2





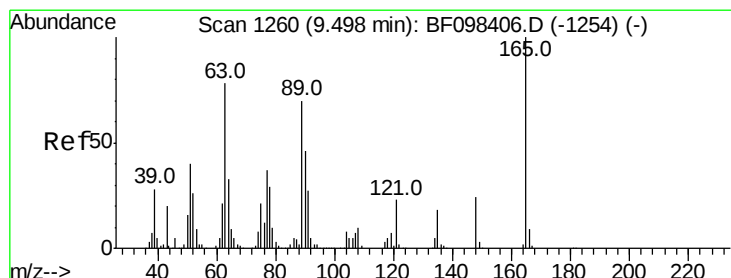
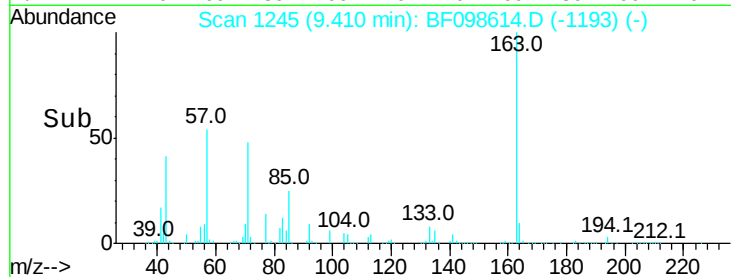
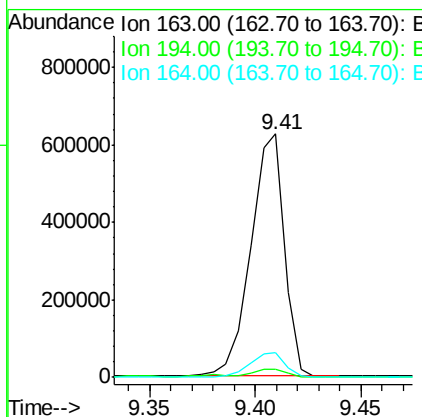
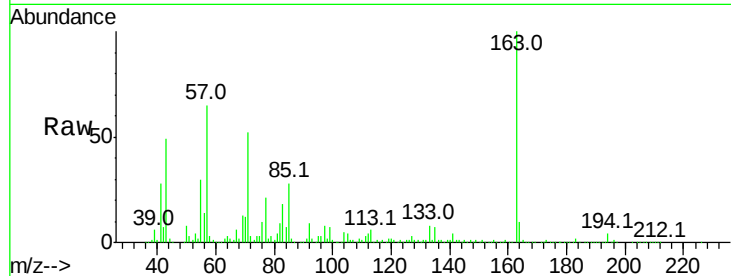
#49
Dimethylphthalate
Concen: 48.784 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TP-5D46MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	689328		
194	3.6		2.6	4.0
164	10.3		8.4	12.6

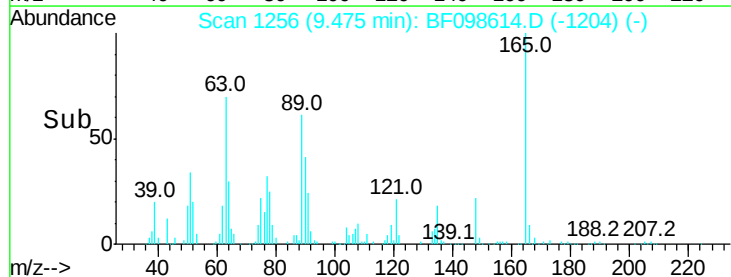
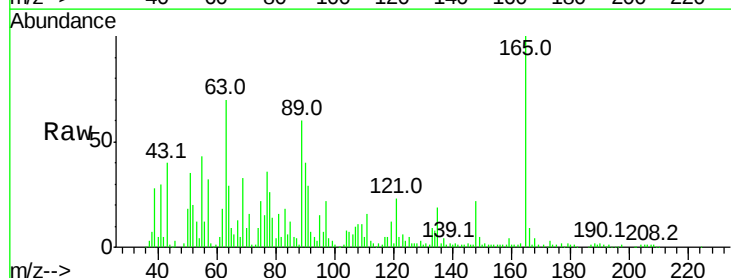
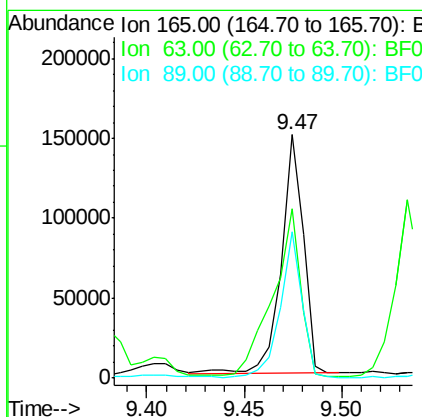
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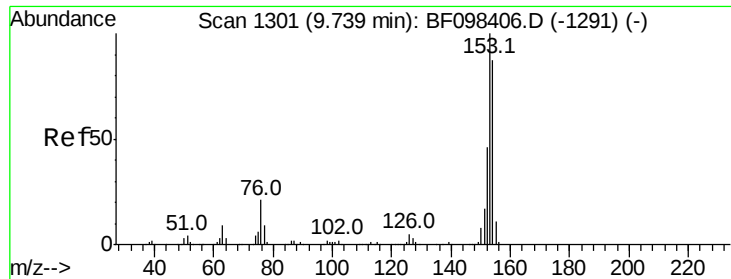
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#50
2,6-Dinitrotoluene
Concen: 40.766 ng
RT: 9.47 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	118323		
63	69.6		34.3	51.5#
89	60.2		37.1	55.7#





#51

Acenaphthene

Concen: 36.799 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

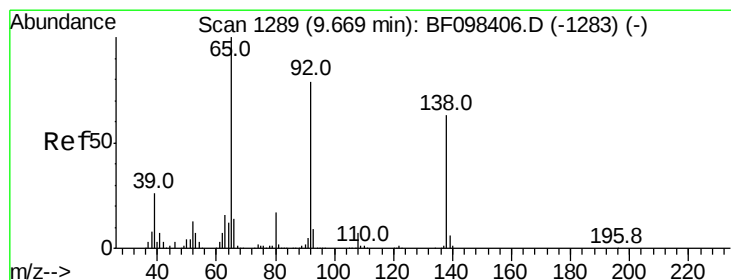
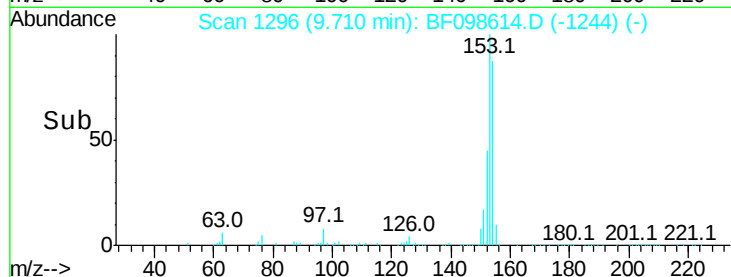
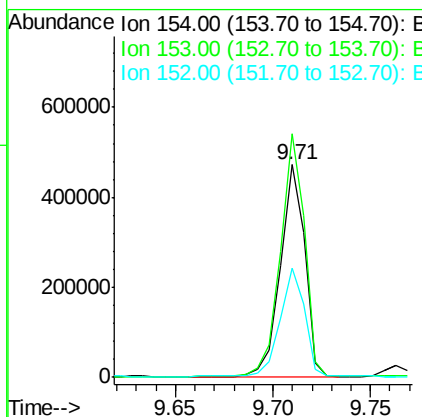
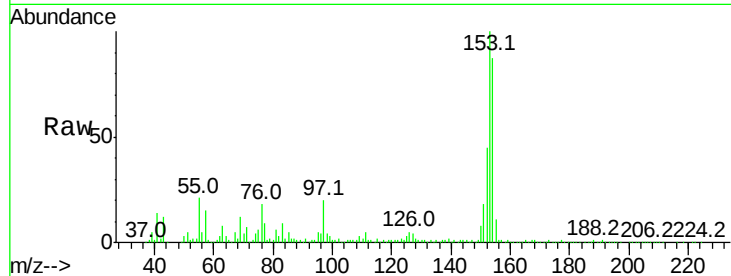
ClientSampleId :

TP-5D46MS

Tot Ion:	154	Resp:	405835
Ion Ratio	Lower	Upper	
154	100		
153	114.6	90.5	135.7
152	51.2	43.6	65.4

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#52

3-Nitroaniline

Concen: 26.396 ng

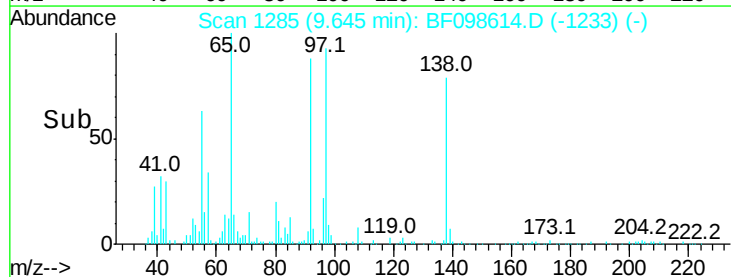
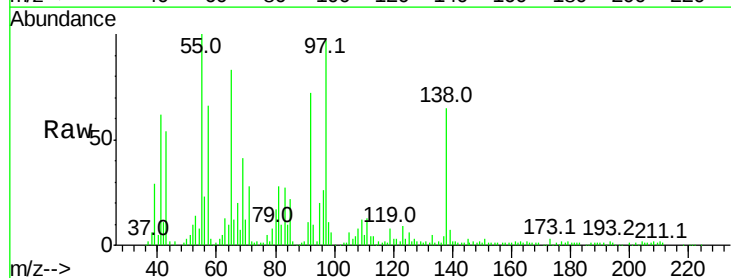
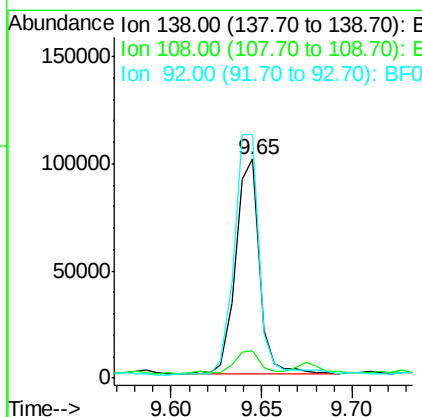
RT: 9.65 min Scan# 1285

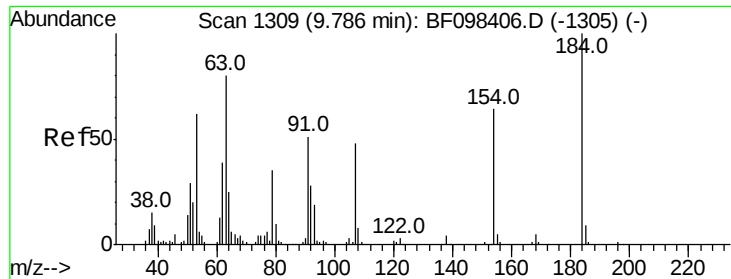
Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:	138	Resp:	92485
Ion Ratio	Lower	Upper	
138	100		
108	12.7	9.1	13.7
92	111.0	93.8	140.6





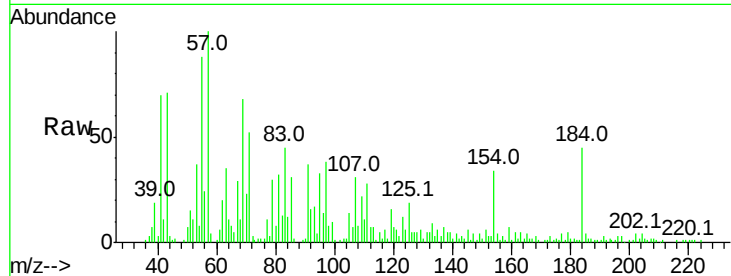
#53
2,4-Dinitrophenol
Concen: 34.598 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TP-5D46MS

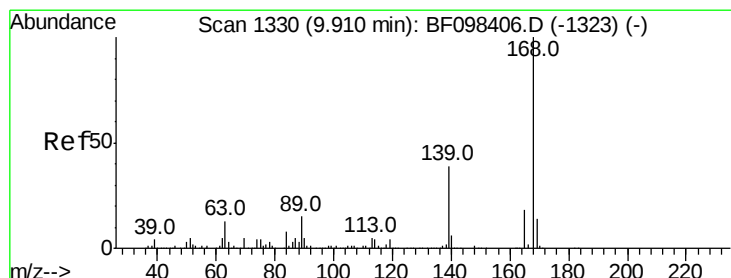
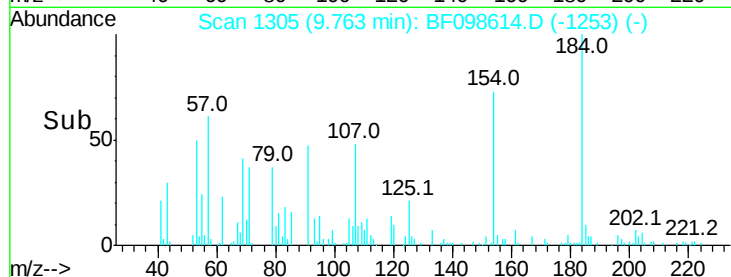
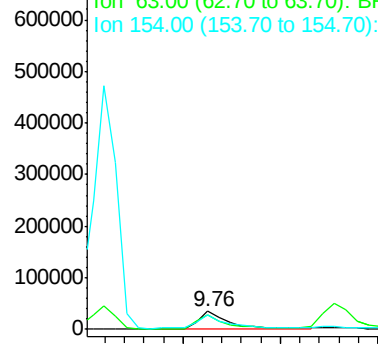
Tot Ion:184 Resp: 40039
Ion Ratio Lower Upper
184 100
63 79.7 62.7 94.1
154 77.4 81.1 121.7#

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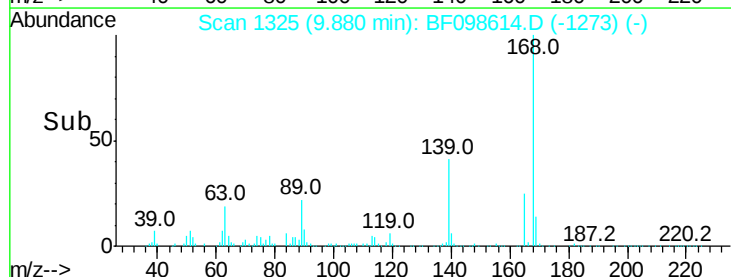
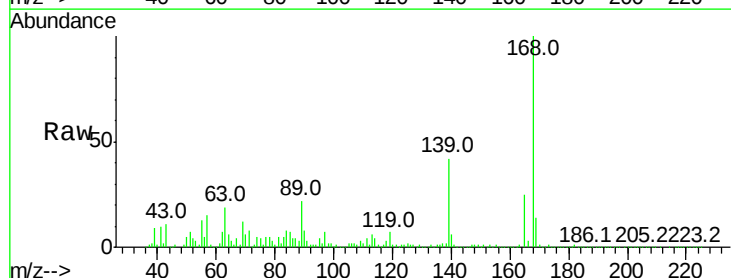
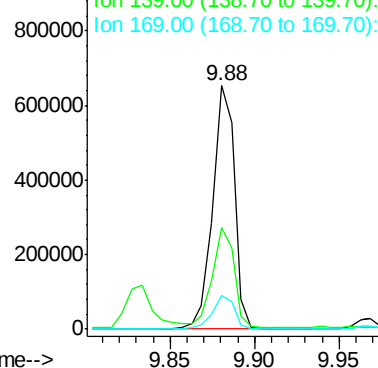
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

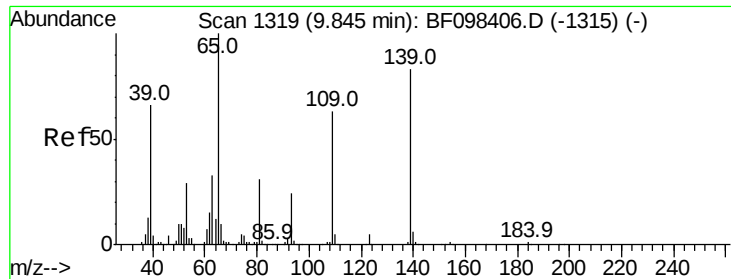


#54
Dibenzofuran
Concen: 40.021 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion:168 Resp: 581458
Ion Ratio Lower Upper
168 100
139 41.6 30.6 45.8
169 13.8 10.8 16.2

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





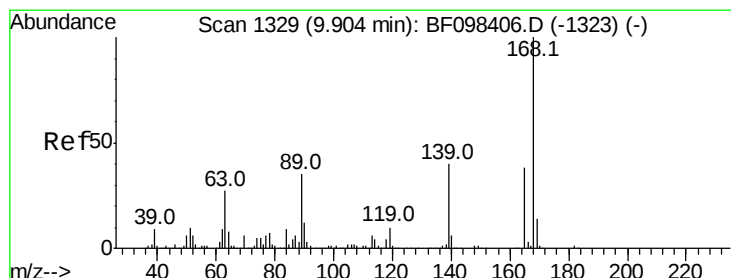
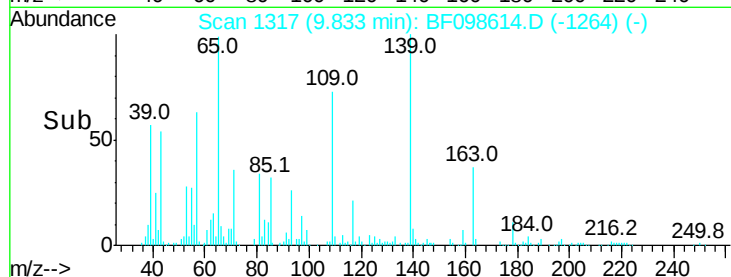
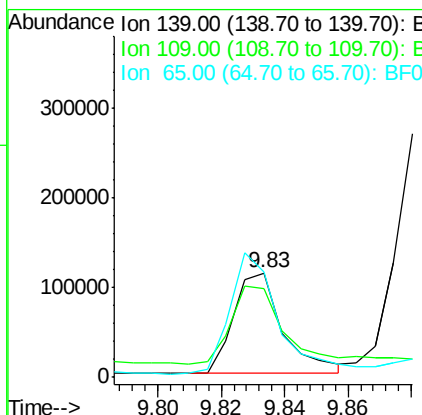
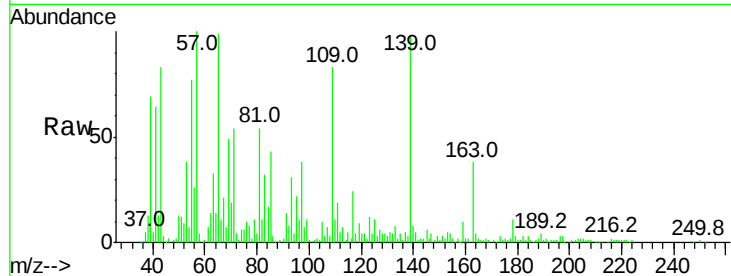
#55
4-Nitrophenol
Concen: 60.432 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TP-5D46MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	84.7	34.1	74.1#	
65	100.5	31.4	71.4#	

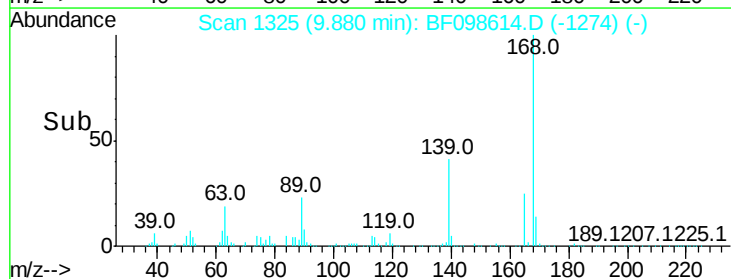
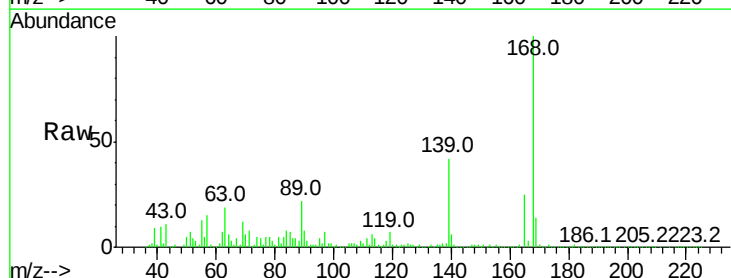
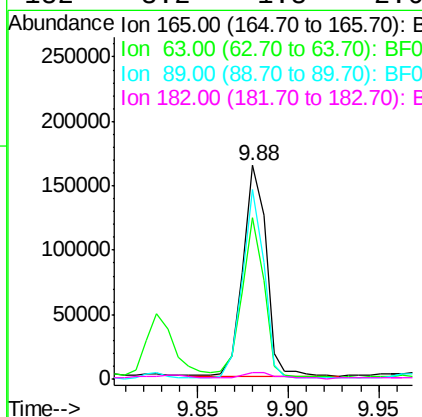
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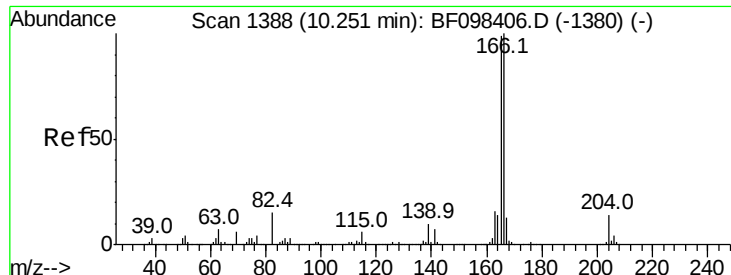
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#56
2,4-Dinitrotoluene
Concen: 41.232 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	75.6	25.4	38.0#	
89	88.7	46.4	69.6#	
182	3.2	1.8	2.6#	





#57

Fluorene

Concen: 37.021 ng

RT: 10.23 min Scan# 1384

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

ClientSampleId :

TP-5D46MS

Tot Ion:166 Resp: 445199

Ion Ratio Lower Upper

166 100

165 100.3 78.8 118.2

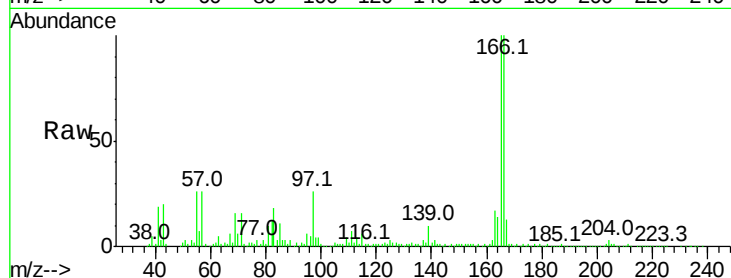
167 13.5 10.6 16.0

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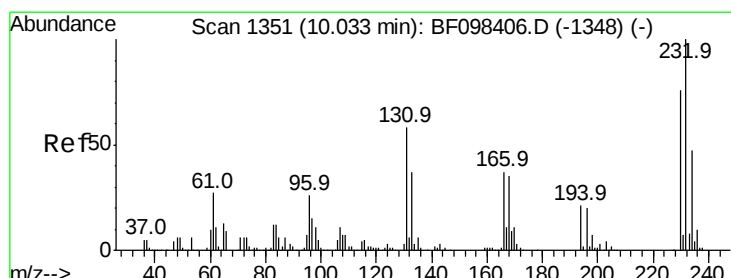
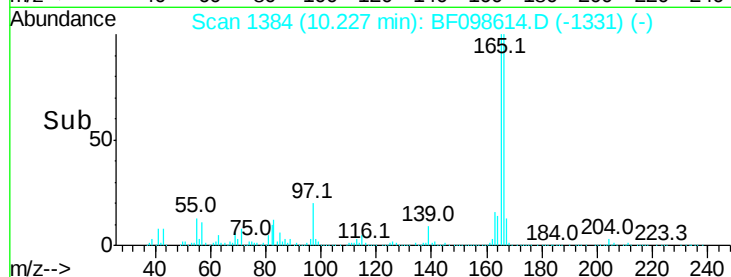
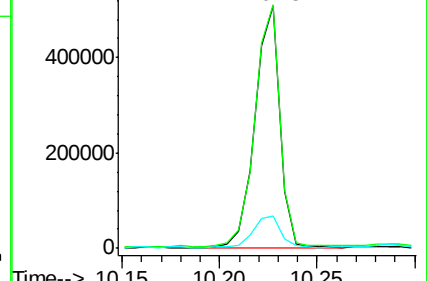


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

10.23



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.832 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:232 Resp: 100487

Ion Ratio Lower Upper

232 100

131 56.2 44.8 67.2

130 5.6 2.3 3.5#

166 33.5 29.0 43.4

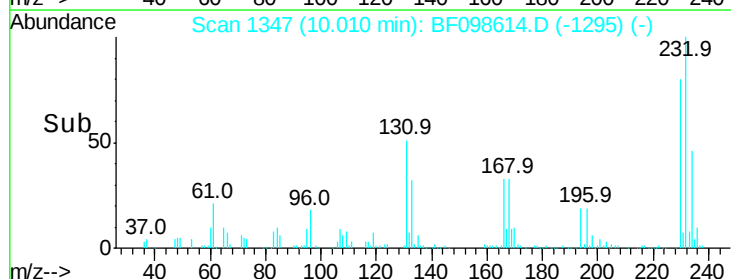
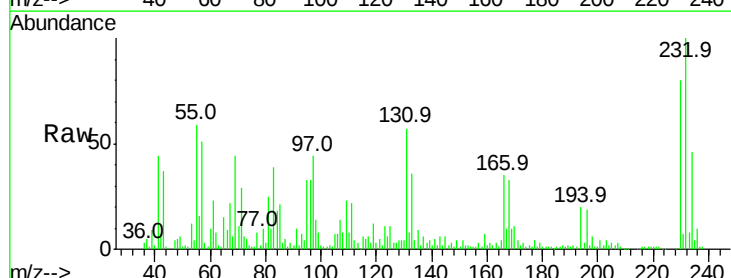
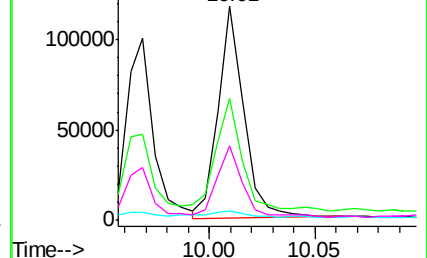
Abundance Ion 232.00 (231.70 to 232.70): E

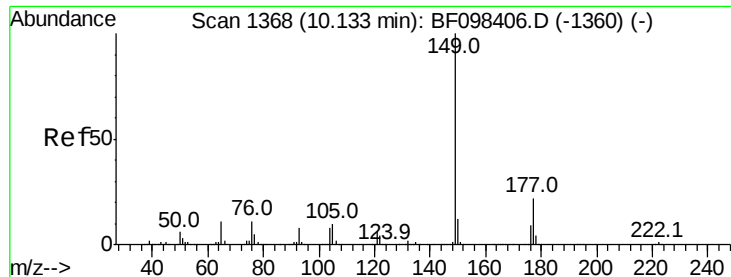
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

10.01





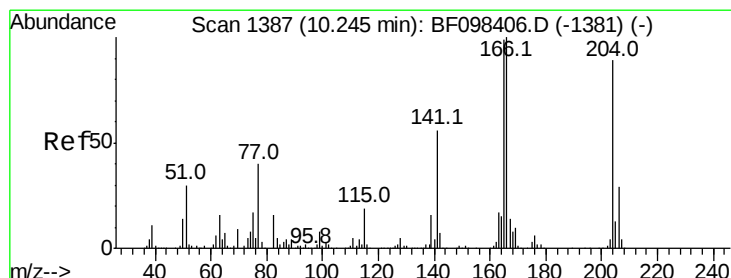
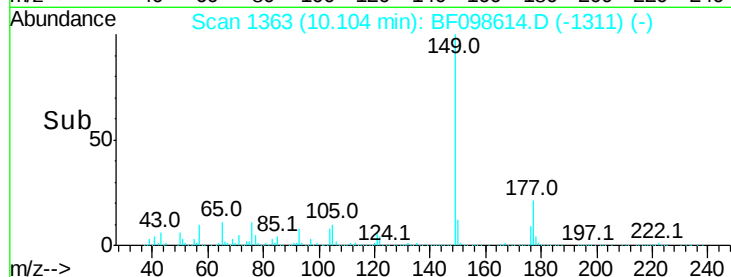
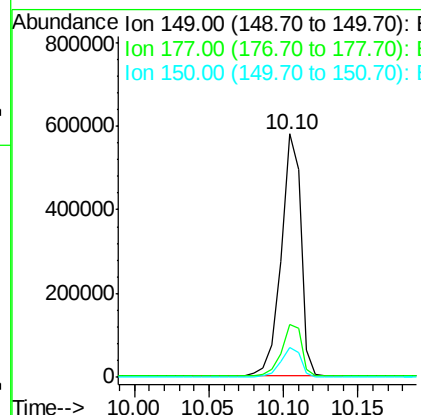
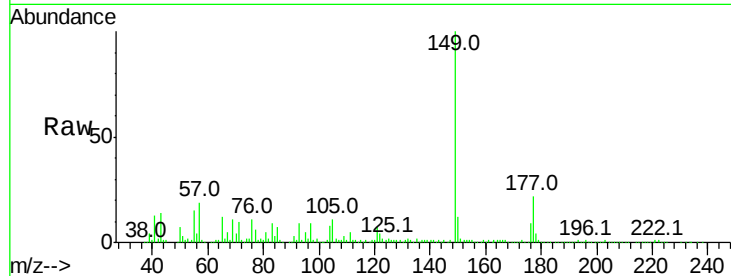
#59
 Diethylphthalate
 Concen: 40.159 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MS

Tot Ion:	149	Resp:	539665
Ion Ratio	Lower	Upper	
149	100		
177	21.7	16.7	25.1
150	12.3	10.2	15.2

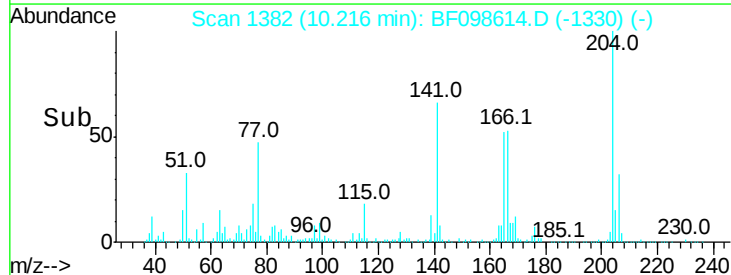
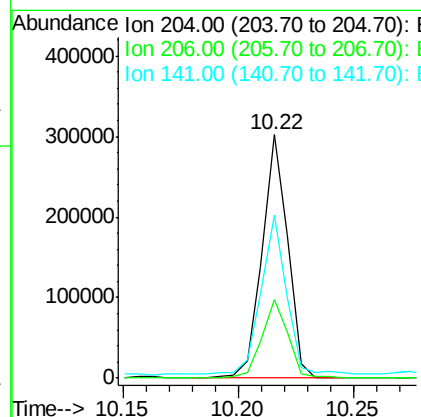
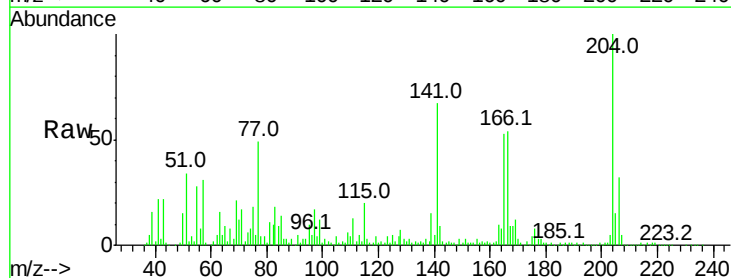
Manual Integrations
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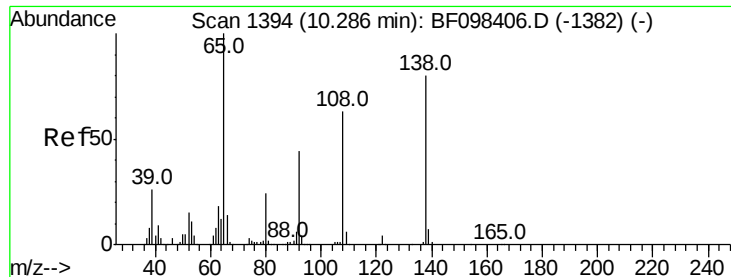
Sohil
 9/19/2017 5:31:54 PM



#60
 4-Chlorophenyl-phenylether
 Concen: 41.901 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Tgt Ion:	204	Resp:	232741
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.2	39.2
141	67.2	60.8	91.2





#61

4-Nitroaniline

Concen: 26.043 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

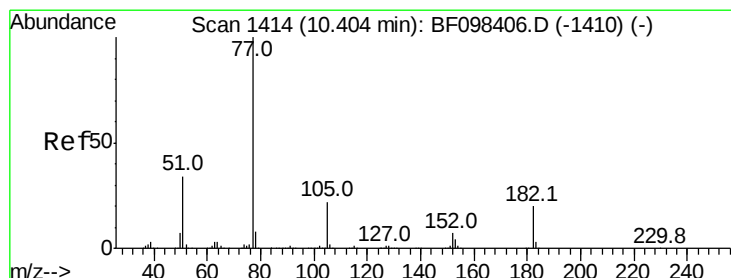
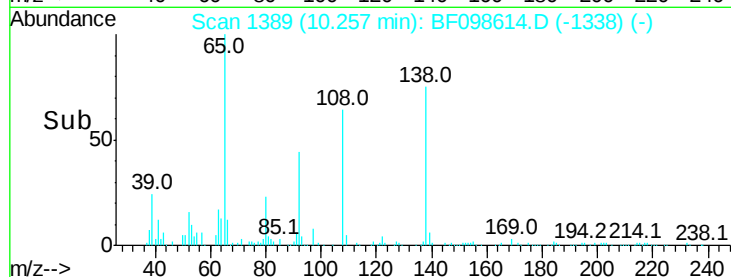
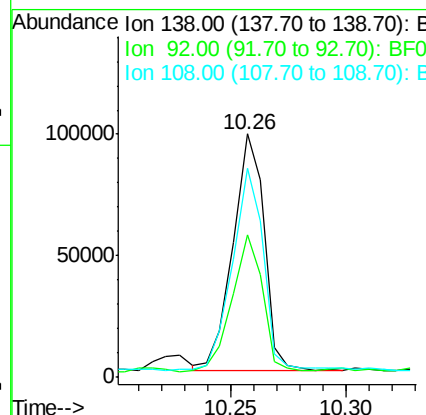
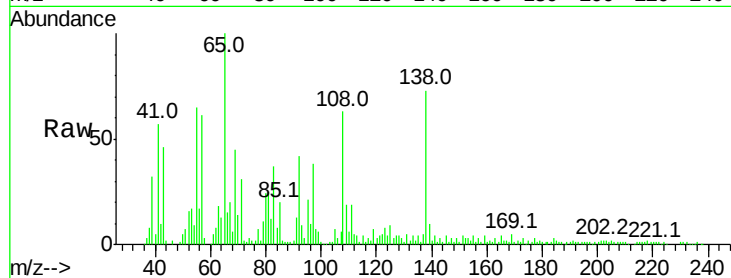
ClientSampleId :

TP-5D46MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.4	21.8	61.8
108	86.0	42.3	82.3

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#62

Azobenzene

Concen: 33.014 ng

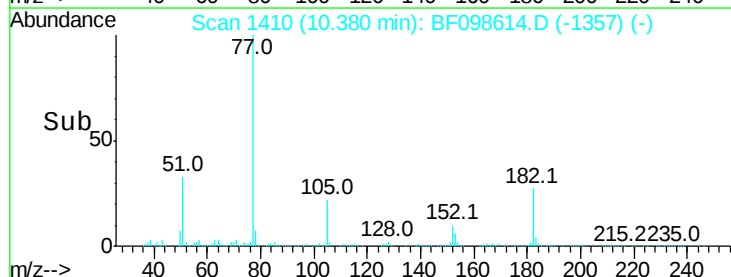
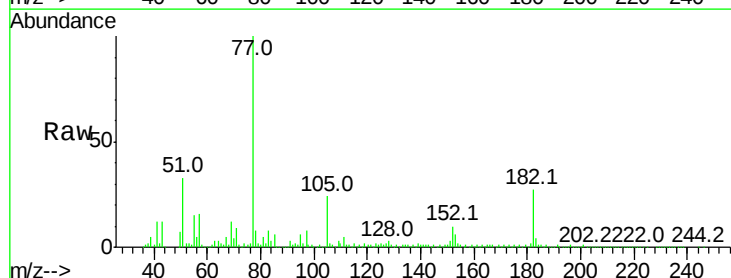
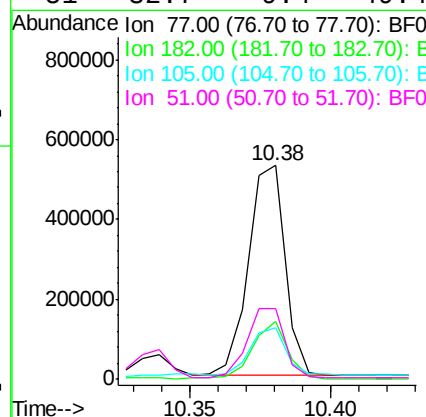
RT: 10.38 min Scan# 1410

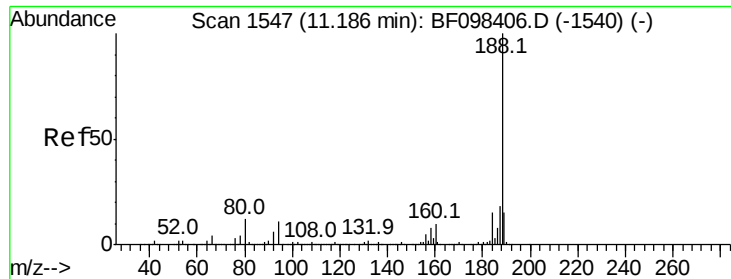
Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	0.1	40.1
105	23.7	3.6	43.6
51	32.7	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1542

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

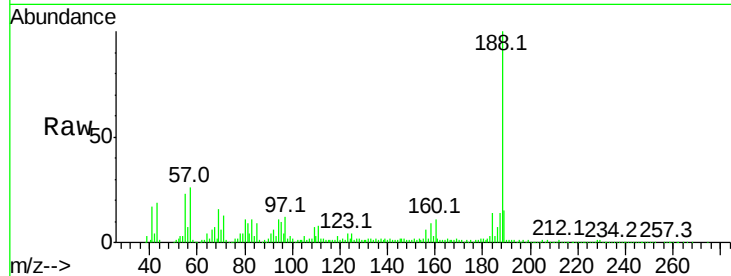
ClientSampleId :

TP-5D46MS

Tot Ion:	188	Resp:	284744
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	11.1	10.2	15.2

Manual Integrations
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.16

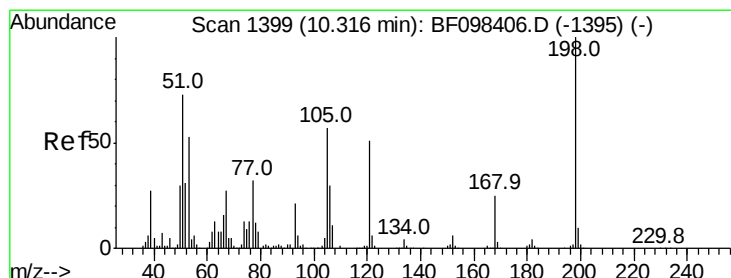
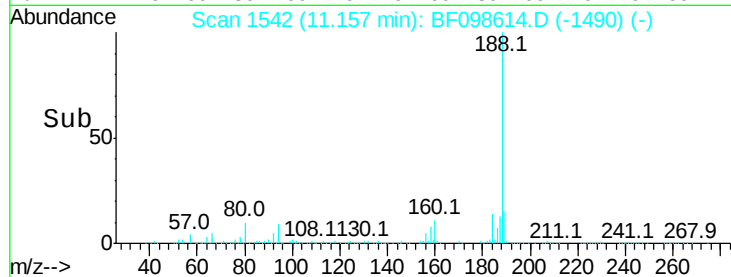
300000

200000

100000

0

Time--> 11.05 11.10 11.15 11.20



#64

4,6-Dinitro-2-methylphenol

Concen: 23.558 ng

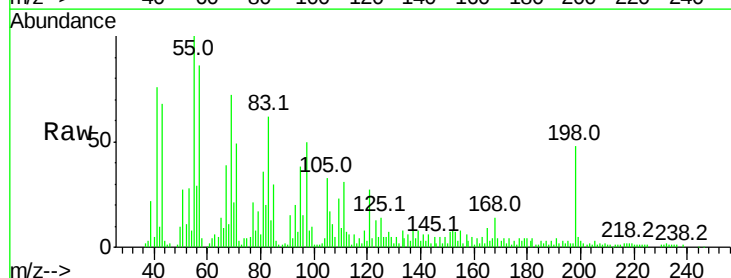
RT: 10.30 min Scan# 1396

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:	198	Resp:	36220
Ion Ratio	Lower	Upper	
198	100		
51	55.4	53.2	93.2
105	68.5	45.8	85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

200000

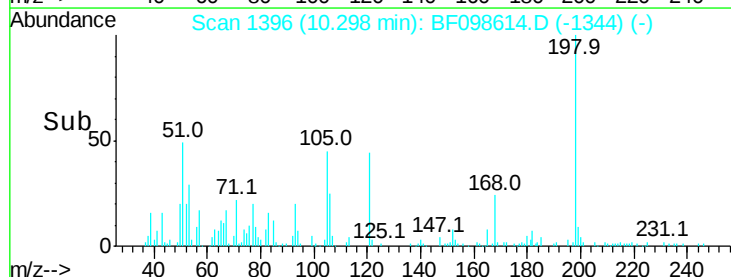
150000

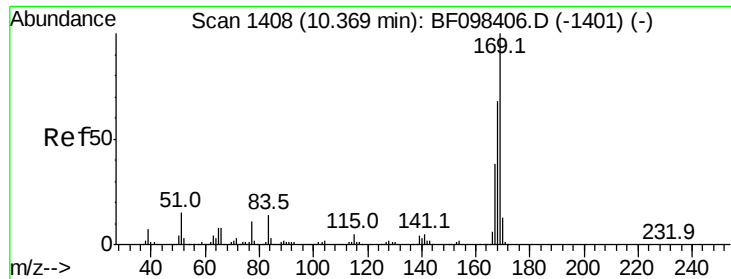
100000

50000

0

Time--> 10.25 10.30 10.35





#65

n-Nitrosodiphenylamine

Concen: 45.439 ng

RT: 10.34 min Scan# 1403

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

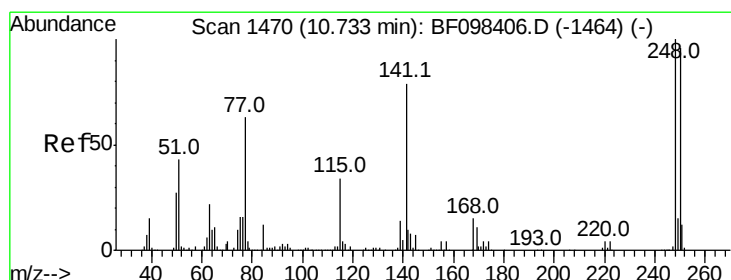
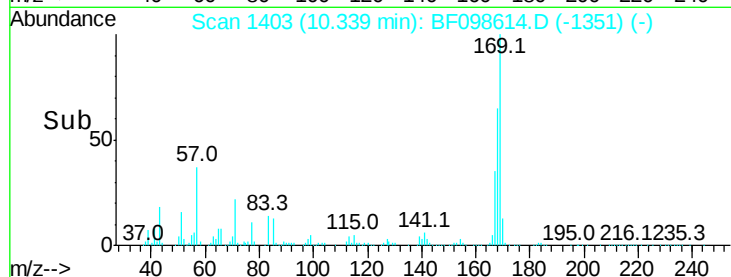
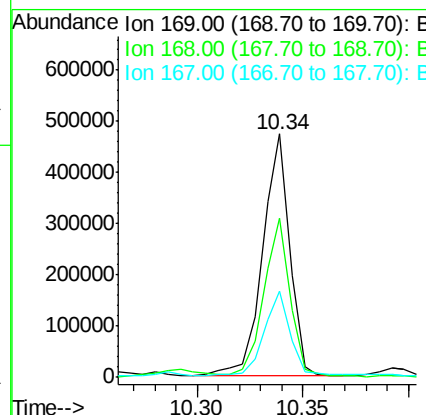
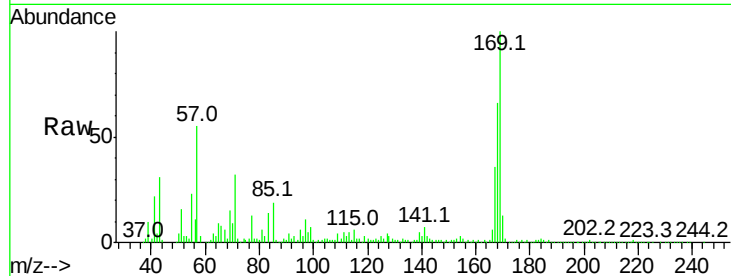
ClientSampleId :

TP-5D46MS

Tot Ion:	169	Resp:	420117
Ion Ratio	Lower	Upper	
169	100		
168	65.6	53.2	79.8
167	35.5	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 47.082 ng

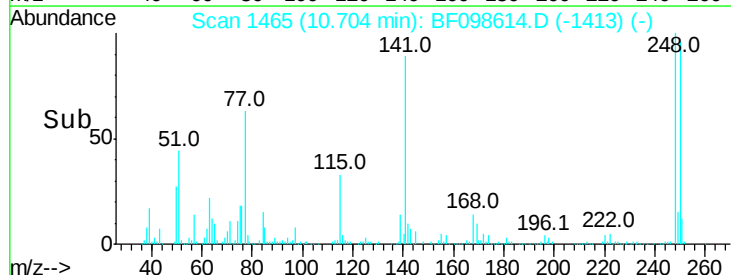
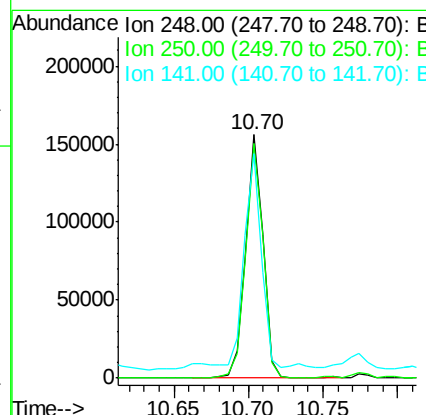
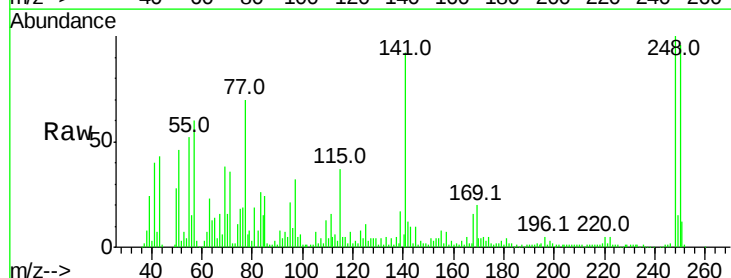
RT: 10.70 min Scan# 1465

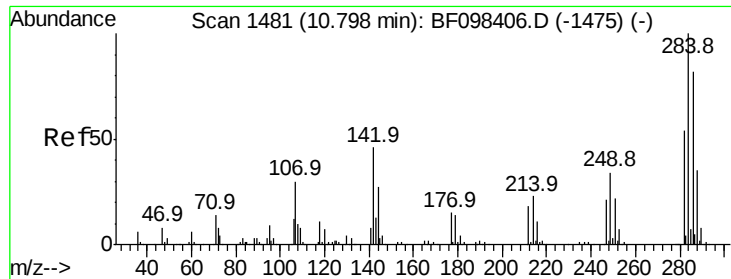
Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:	248	Resp:	127239
Ion Ratio	Lower	Upper	
248	100		
250	96.5	76.8	115.2
141	92.0	68.6	103.0





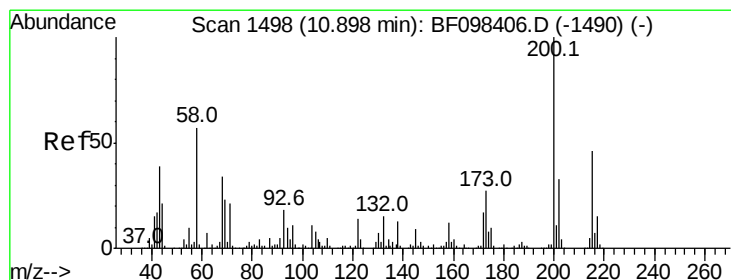
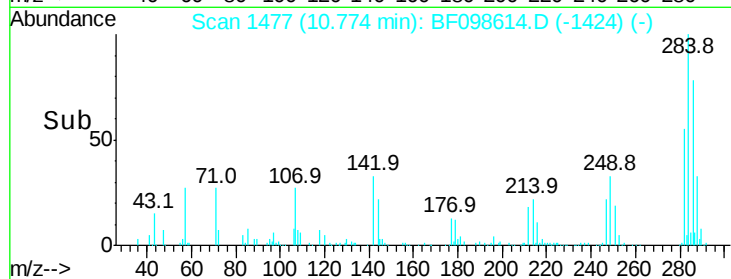
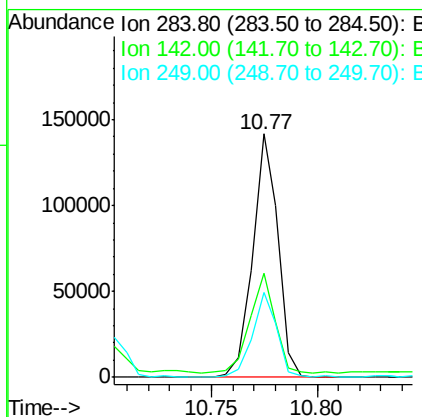
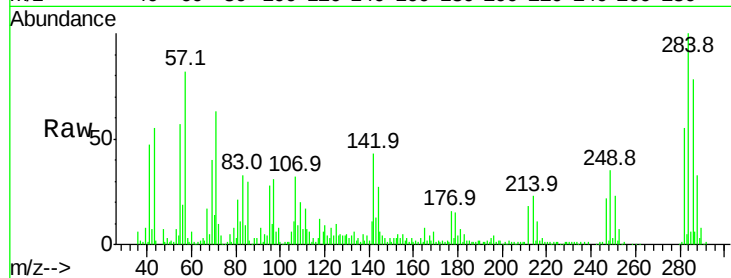
#67
Hexachlorobenzene
Concen: 42.917 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TP-5D46MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	42.9	22.8	34.2	
249	34.9	24.0	36.0	

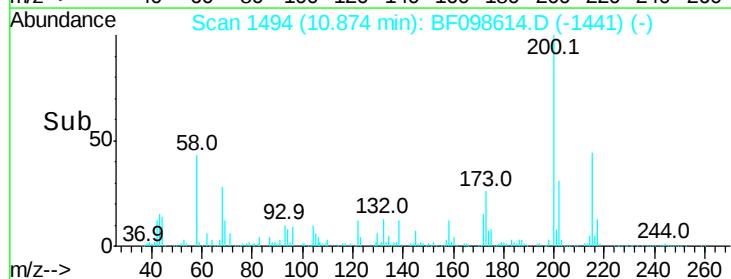
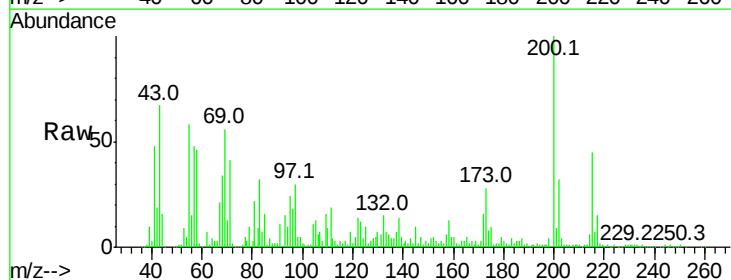
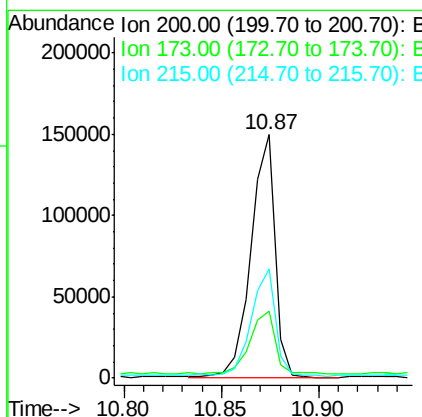
Manual Integrations
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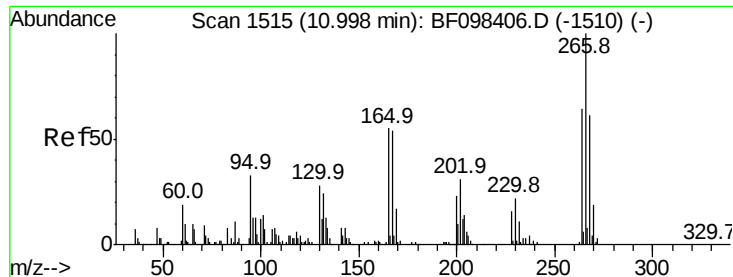
Sohil
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#68
Atrazine
Concen: 44.481 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.7	6.3	46.3	
215	44.9	27.2	67.2	





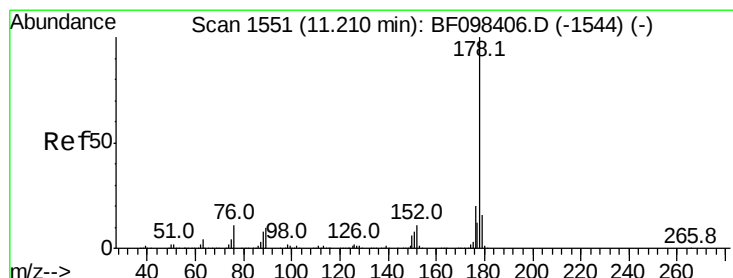
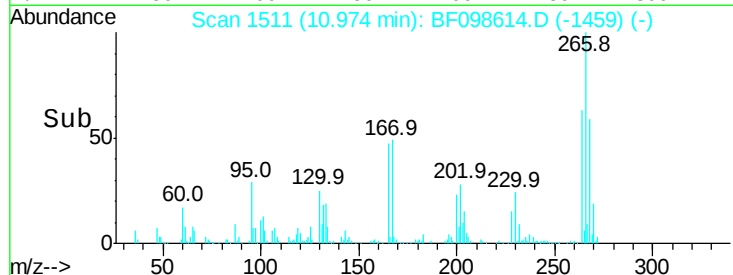
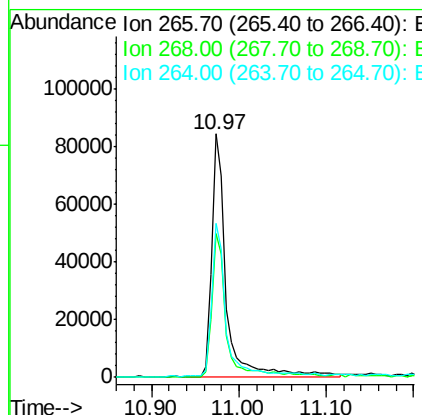
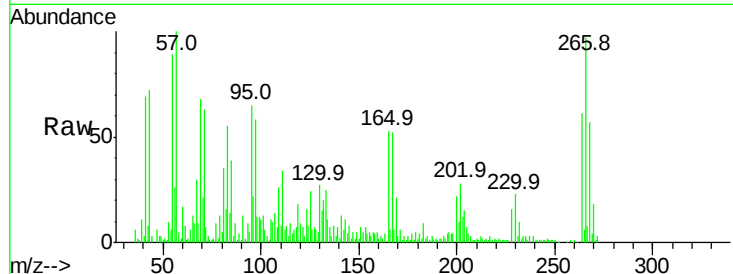
#69
 Pentachlorophenol
 Concen: 81.690 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Instrument :
 BNA_F
 ClientSampled :
 TP-5D46MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	99320		
268	59.2		51.1	76.7
264	63.4		51.7	77.5

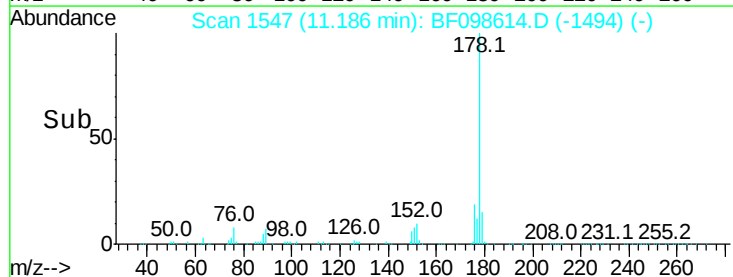
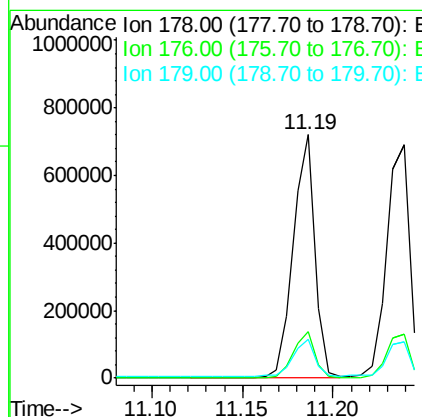
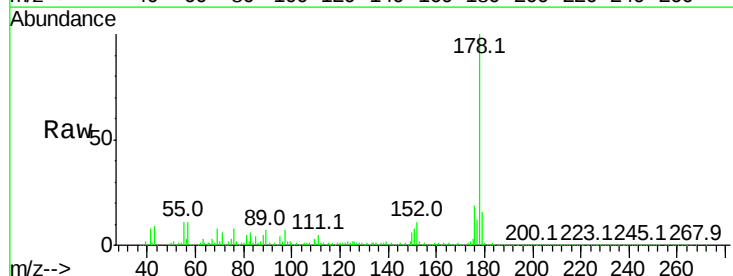
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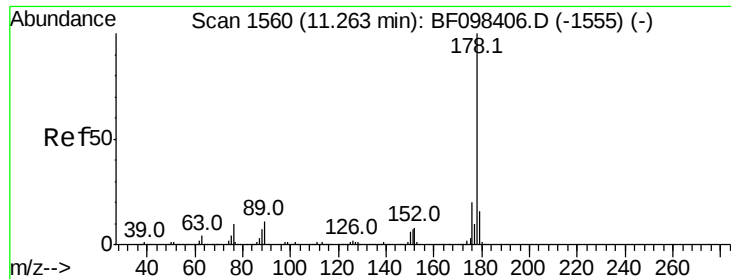
Sohil
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#70
 Phenanthrene
 Concen: 39.907 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	602397		
176	19.2		16.2	24.4
179	15.8		12.6	19.0





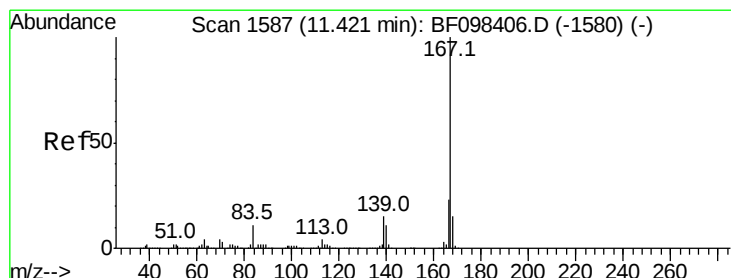
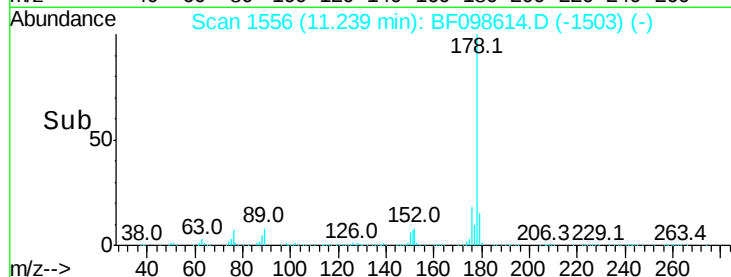
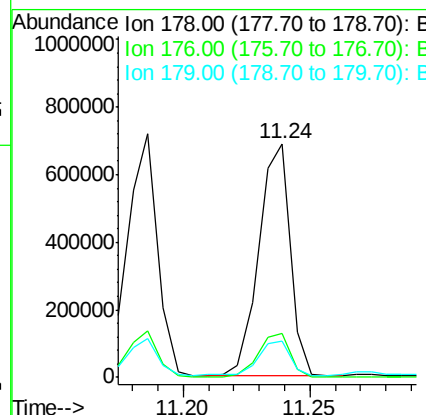
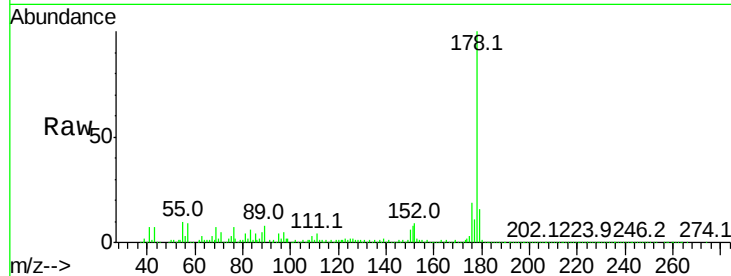
#71
 Anthracene
 Concen: 38.557 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.5	12.7	19.1

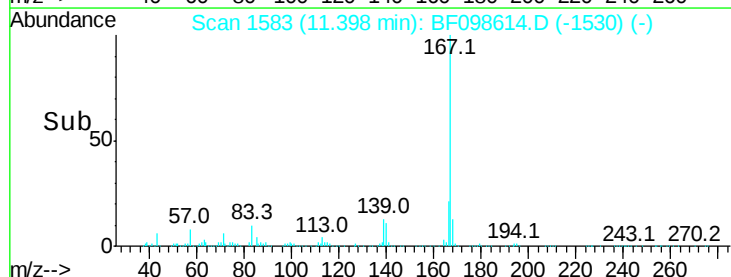
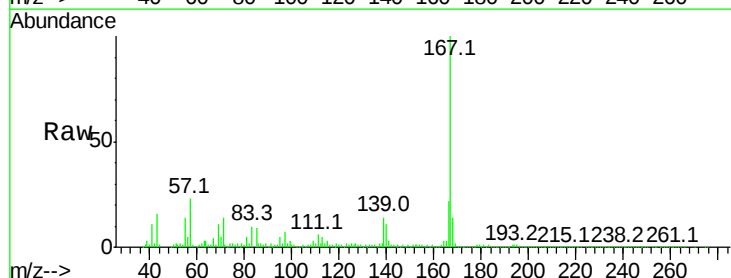
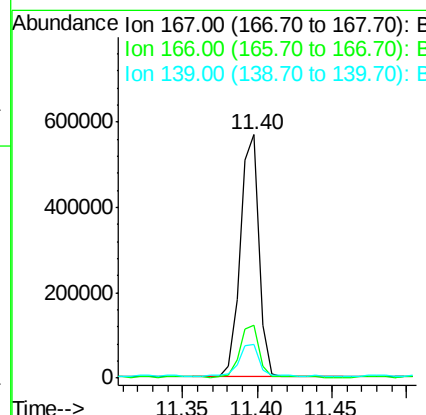
Manual Integrations
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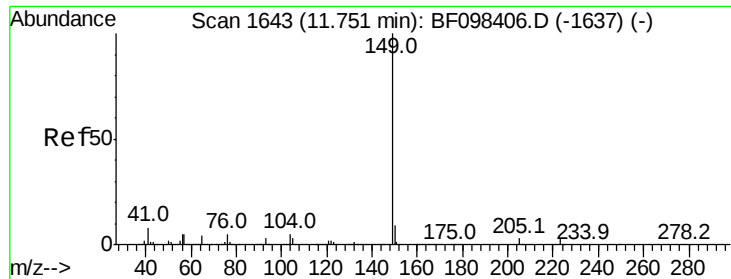
Sohil
 9/19/2017 5:31:54 PM



#72
 Carbazole
 Concen: 34.672 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.1	27.1
139	13.9	11.7	17.5





#73

Di-n-butylphthalate

Concen: 44.146 ng

RT: 11.72 min Scan# 1638

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

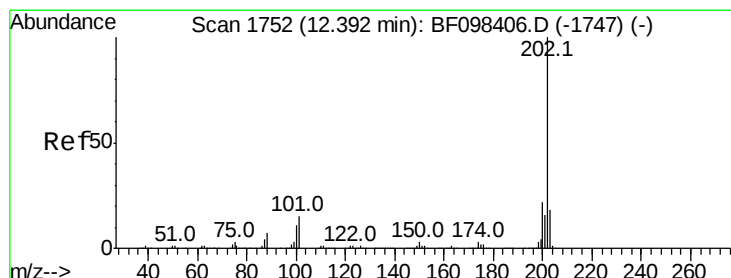
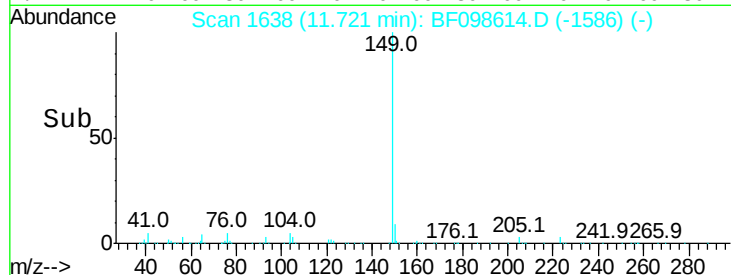
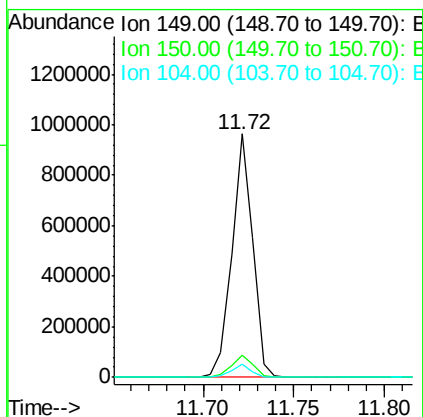
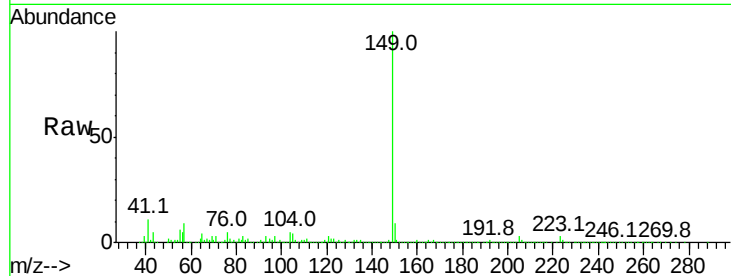
ClientSampleId :

TP-5D46MS

Tot Ion:	149	Resp:	763983
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.7	11.5
104	5.3	4.0	6.0

Manual Integrations
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#74

Fluoranthene

Concen: 36.391 ng

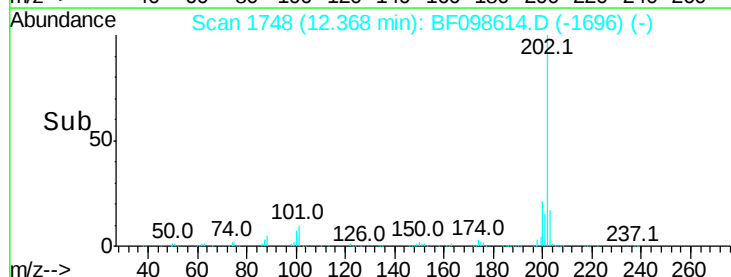
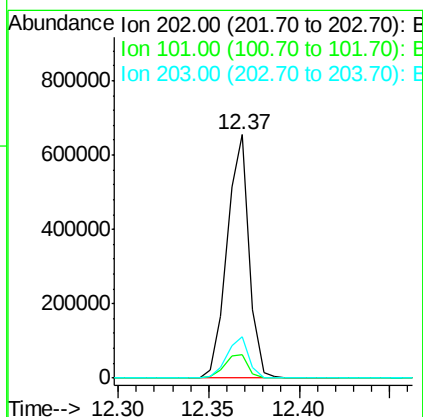
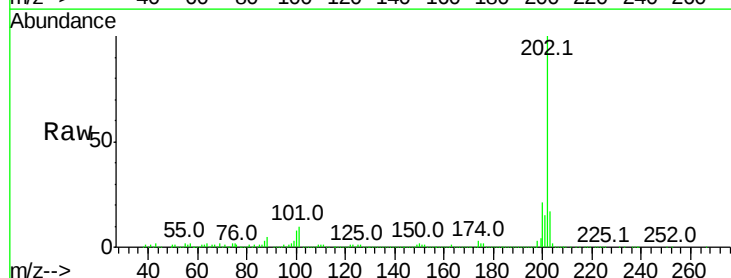
RT: 12.37 min Scan# 1748

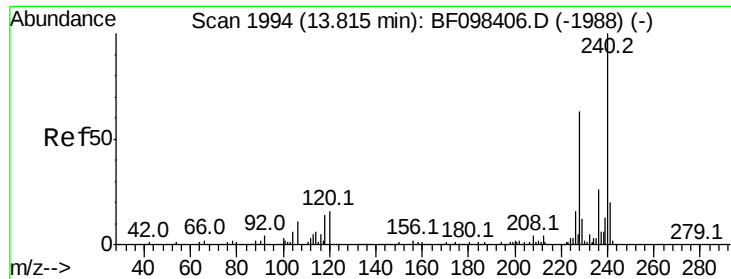
Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:	202	Resp:	549919
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

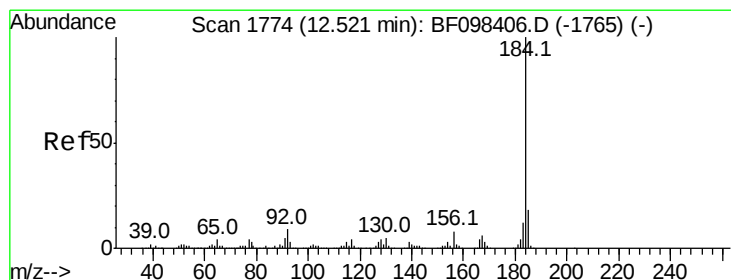
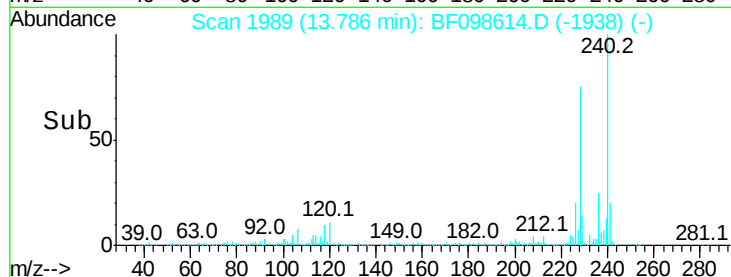
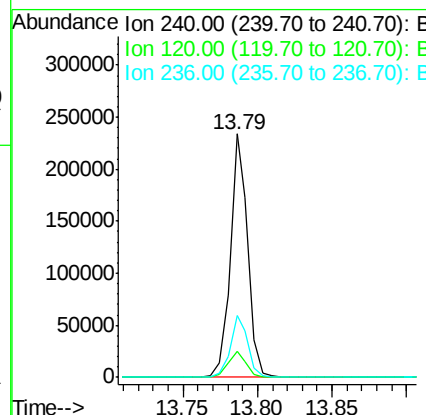
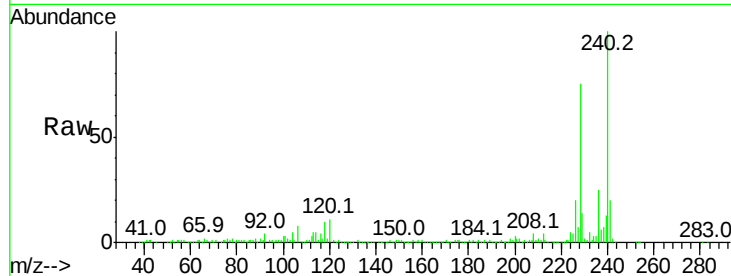
ClientSampleId :

TP-5D46MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	192464		
120	10.9	5.8	8.8#	
236	25.4	20.5	30.7	

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#76

Benzidine

Concen: 11.878 ng

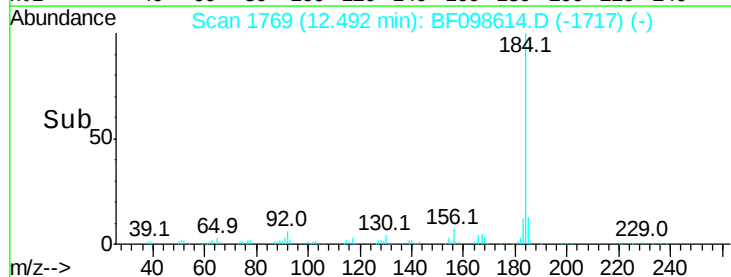
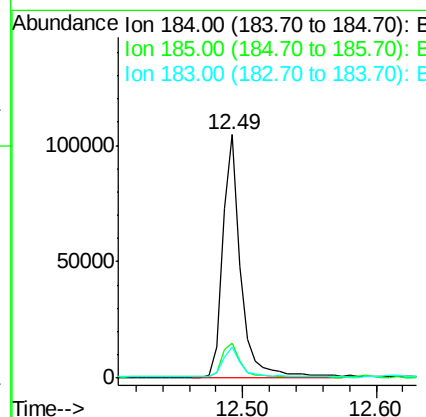
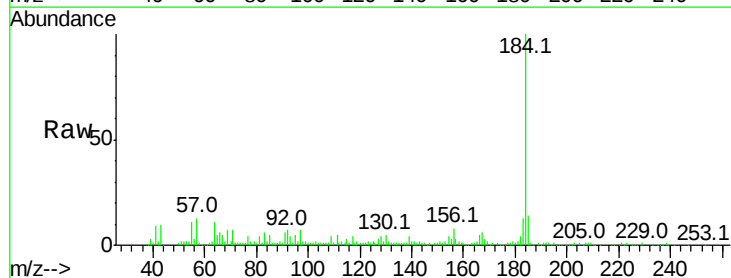
RT: 12.49 min Scan# 1769

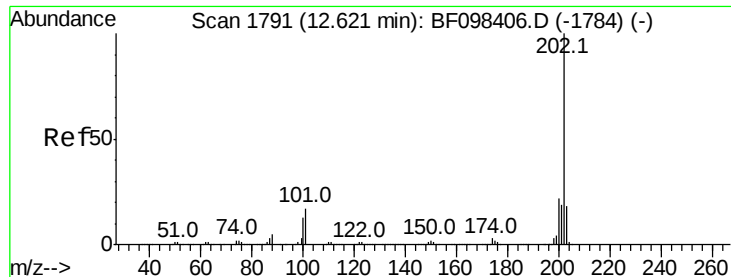
Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	101177		
185	14.2	15.5	23.3#	
183	13.1	9.8	14.6	





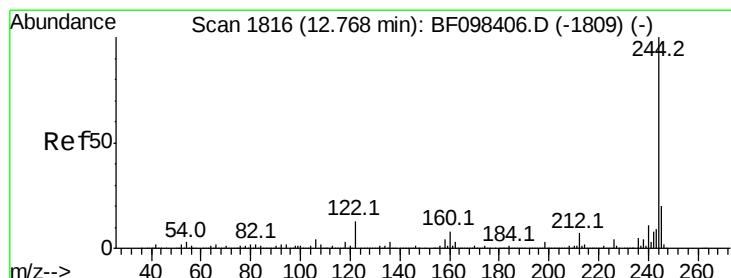
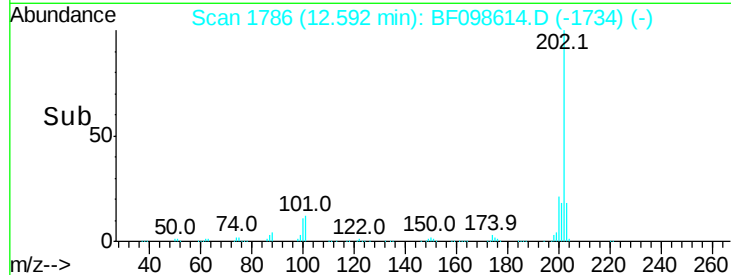
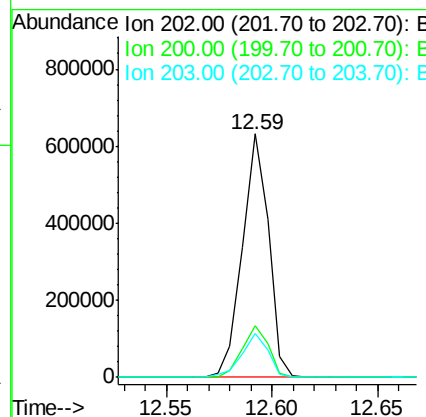
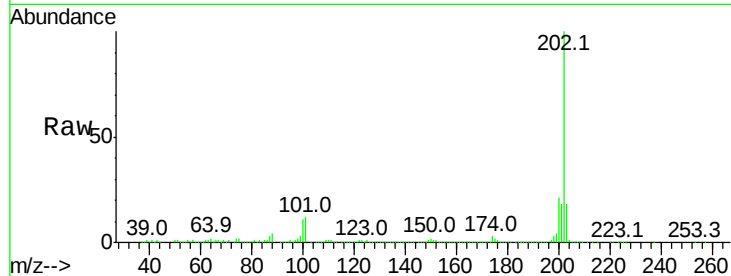
#77
Pvrene
Concen: 35.619 ng
RT: 12.59 min Scan# 1786
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TP-5D46MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.1	17.6	26.4
203	18.2	14.4	21.6

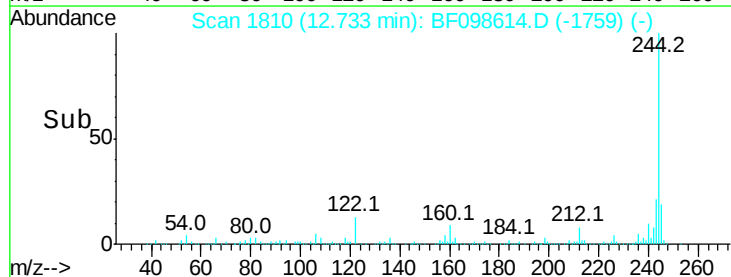
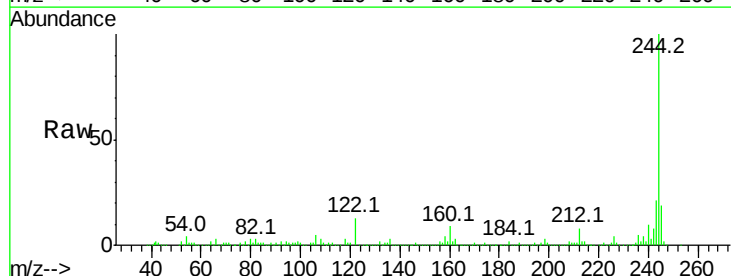
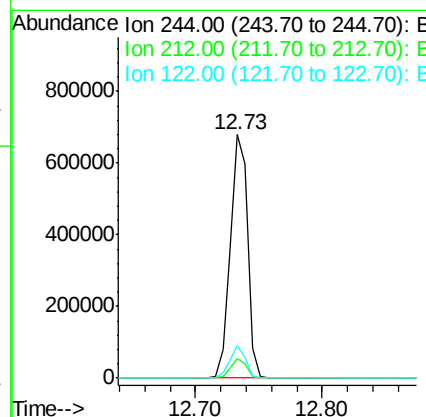
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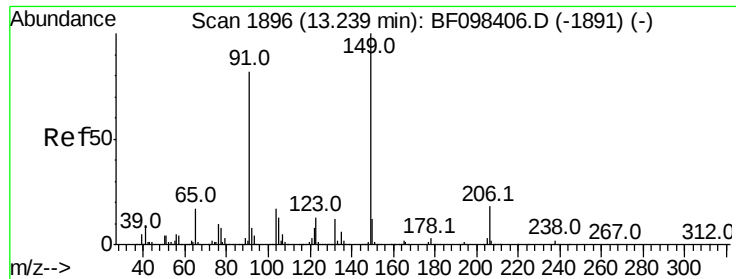
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#78
Terphenyl-d14
Concen: 71.195 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.00 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.8	6.0	9.0
122	13.4	10.3	15.5





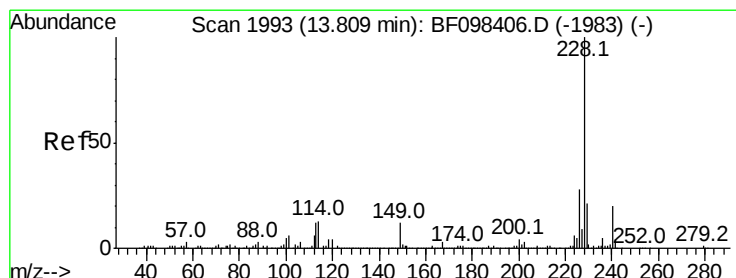
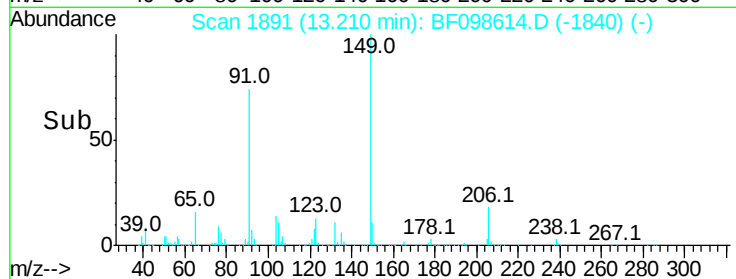
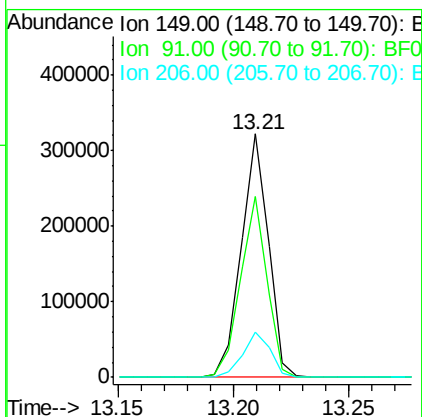
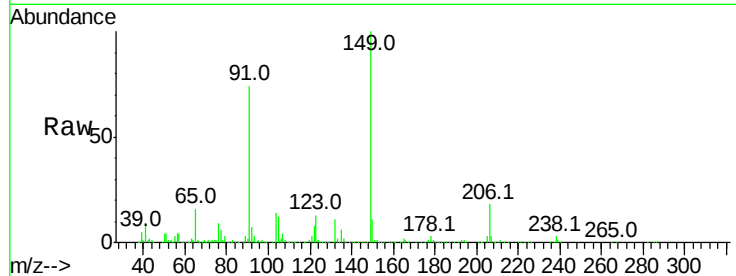
#79
Butylbenzylphthalate
Concen: 40.104 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TP-5D46MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	264154		
91	74.3	45.0	67.4#	
206	18.4	17.0	25.6	

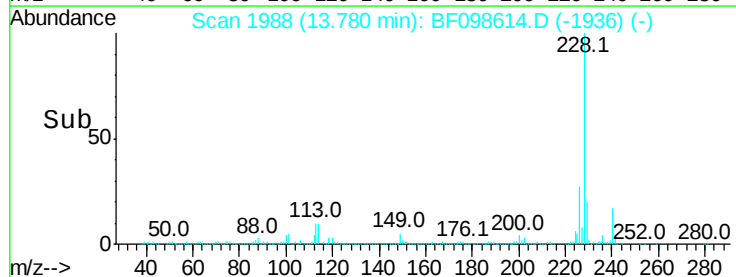
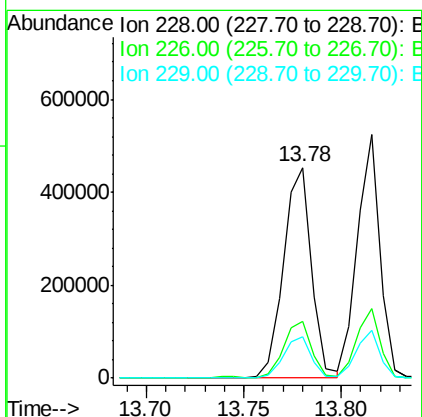
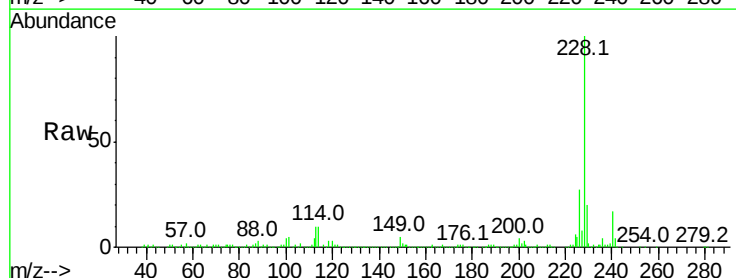
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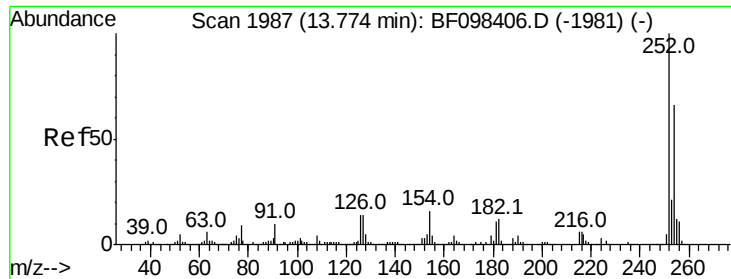
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#80
Benzo(a)anthracene
Concen: 39.854 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	449706		
226	26.9	22.6	33.8	
229	19.5	16.3	24.5	





#81

3,3'-Dichlorobenzidine

Concen: 31.406 ng

RT: 13.74 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

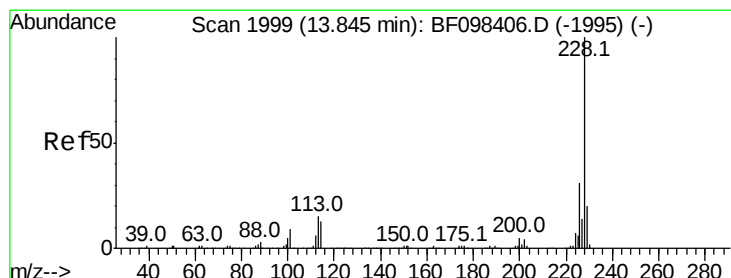
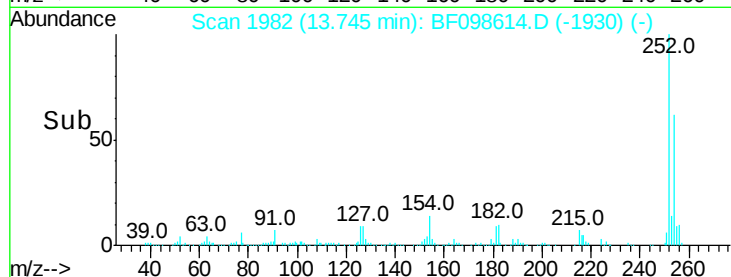
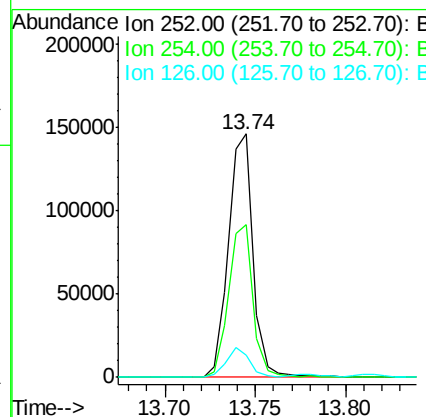
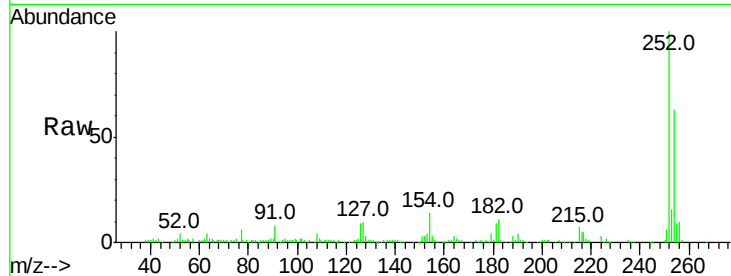
ClientSampleId :

TP-5D46MS

Tot Ion:	252	Resp:	137721
Ion Ratio		Lower	Upper
252	100		
254	62.5	51.5	77.3
126	9.2	15.8	23.8#

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#82

Chrysene

Concen: 37.199 ng

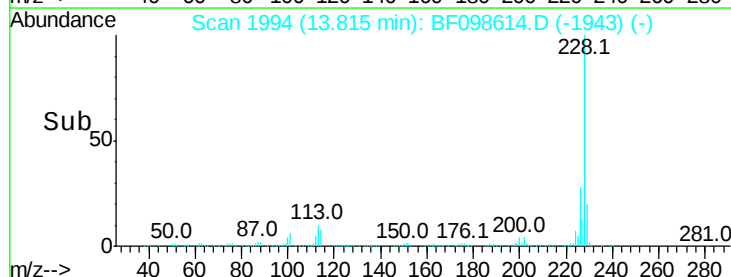
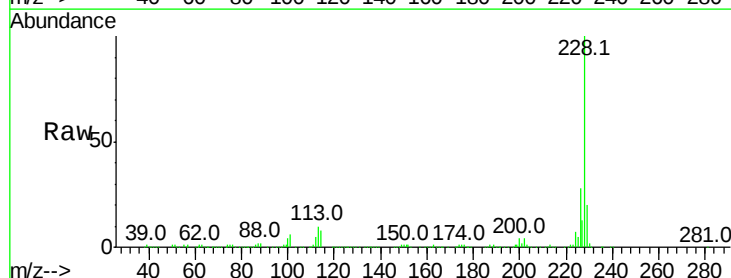
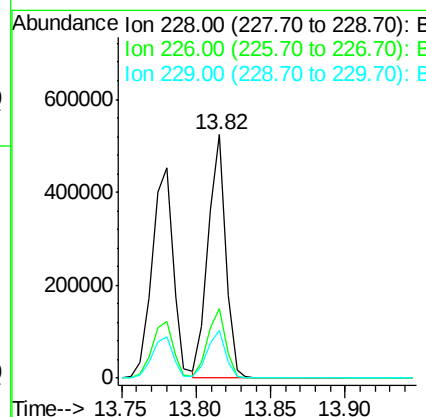
RT: 13.82 min Scan# 1994

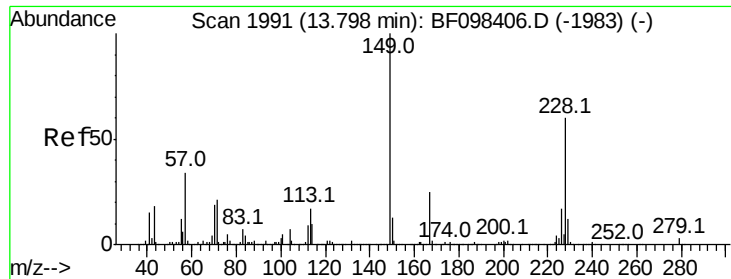
Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:	228	Resp:	424293
Ion Ratio		Lower	Upper
228	100		
226	28.5	24.9	37.3
229	19.5	15.8	23.6





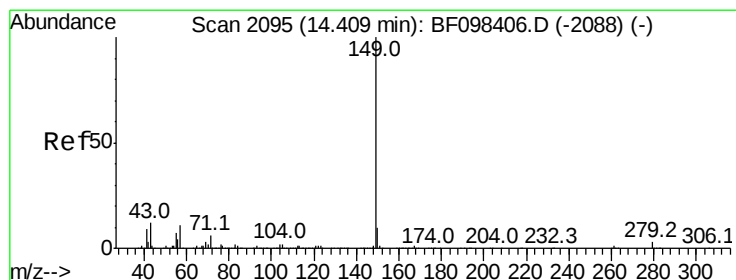
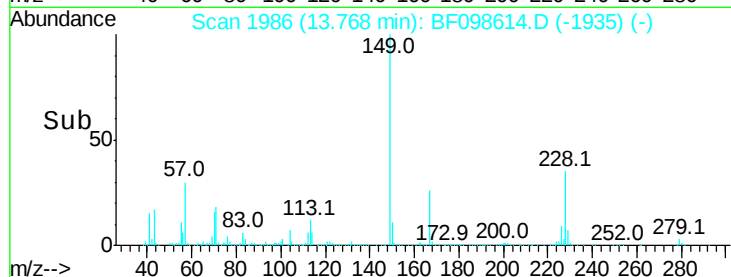
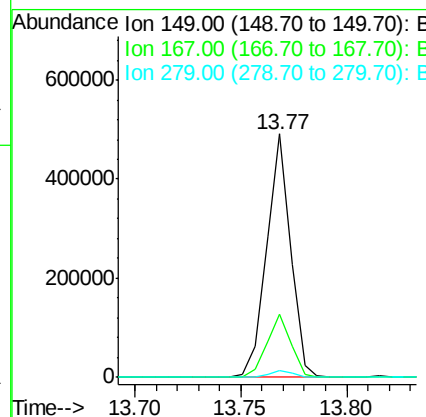
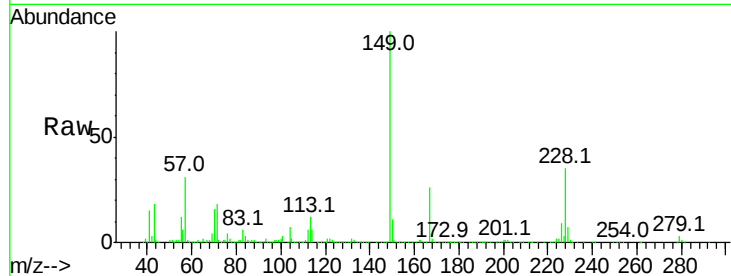
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.009 ng
 RT: 13.77 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	388599		
167	26.0		21.0	31.4
279	2.8		1.9	2.9

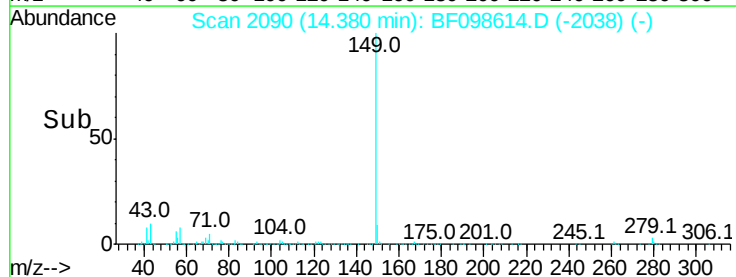
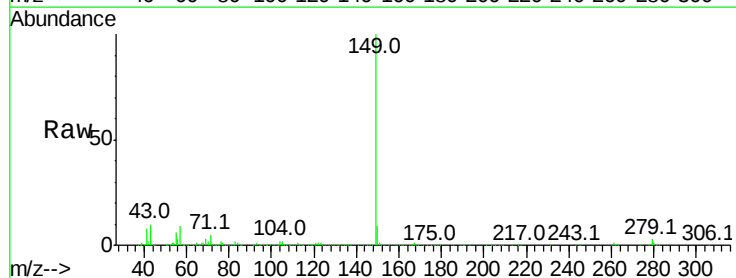
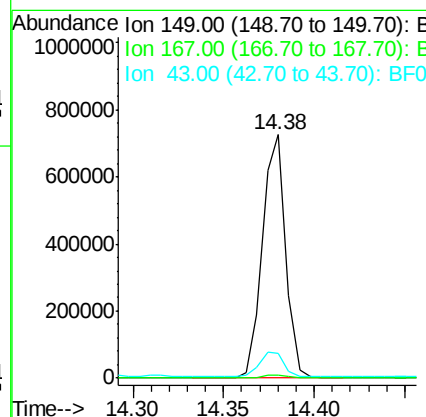
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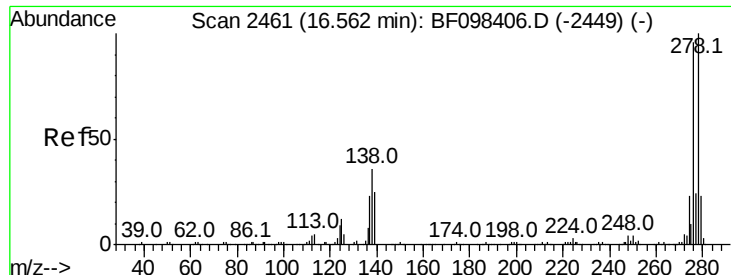
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#84
 Di-n-octyl phthalate
 Concen: 45.468 ng
 RT: 14.38 min Scan# 2090
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	644872		
167	1.5		1.2	1.8
43	10.9		8.5	12.7





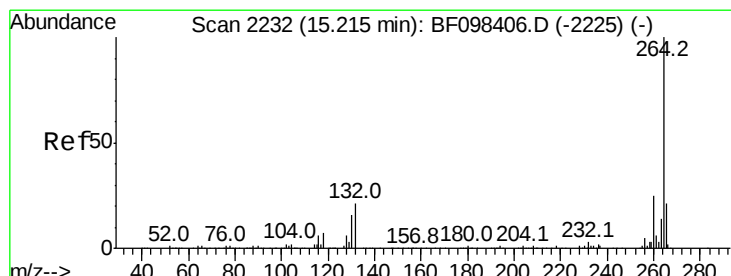
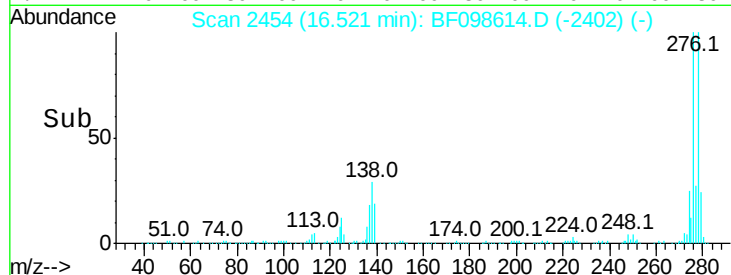
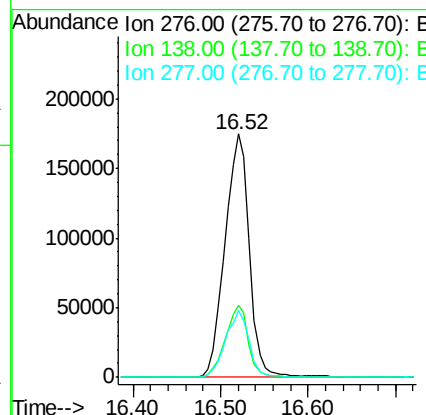
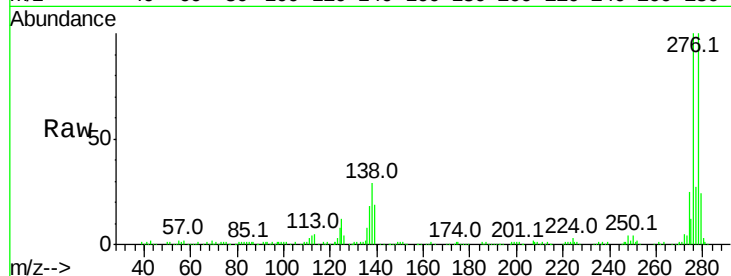
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.066 ng
 RT: 16.52 min Scan# 2454
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MS

Tot Ion:	276	Resp:	336625
Ion Ratio	Lower	Upper	
276	100		
138	27.8	27.8	41.6
277	26.6	20.2	30.4

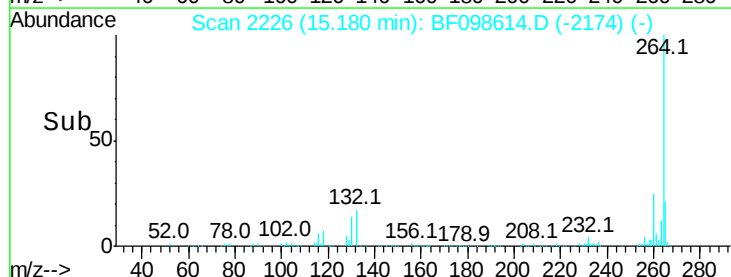
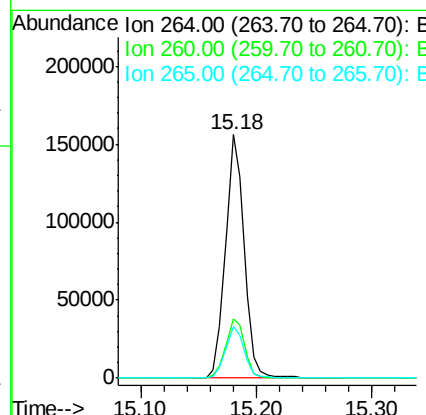
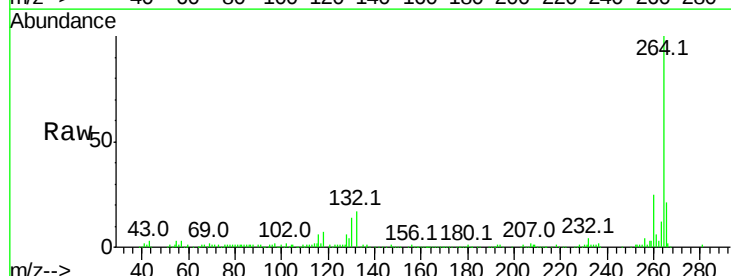
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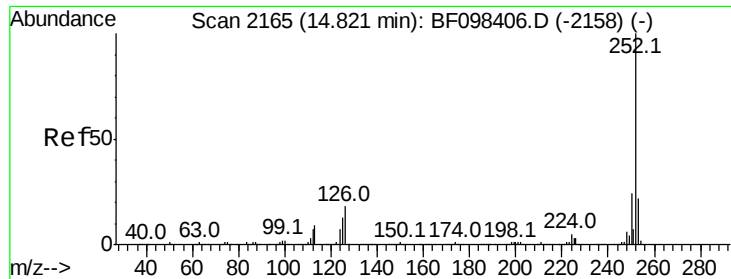
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.18 min Scan# 2226
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Tgt Ion:	264	Resp:	175382
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 36.926 ng

RT: 14.79 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Instrument :

BNA_F

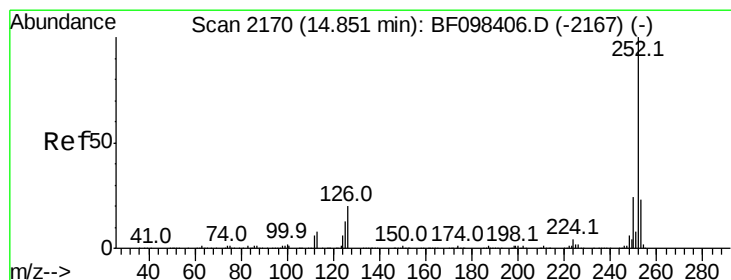
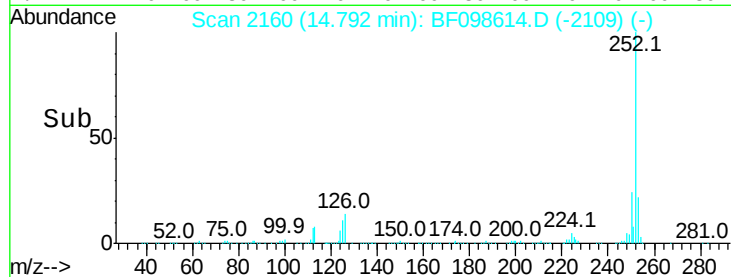
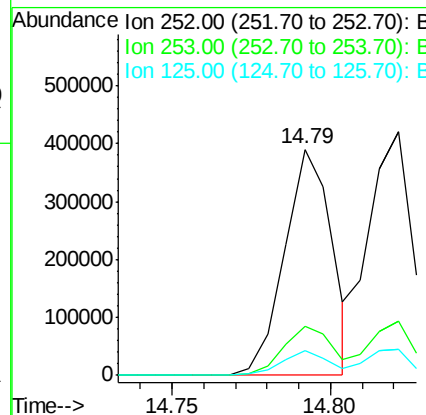
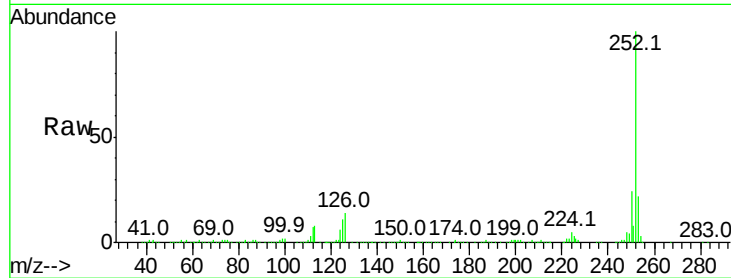
ClientSampleId :

TP-5D46MS

Tot Ion:	252	Resp:	407208
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.1	27.1
125	11.0	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 39.639 ng

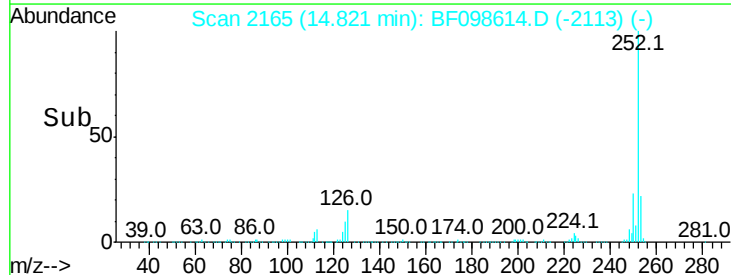
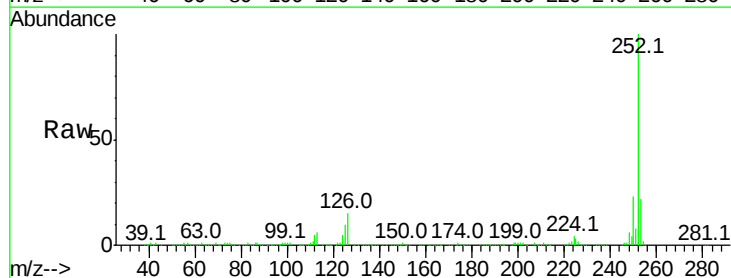
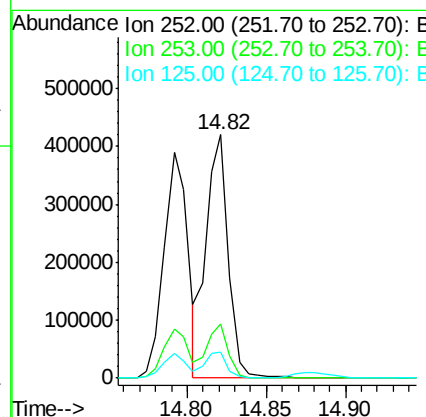
RT: 14.82 min Scan# 2165

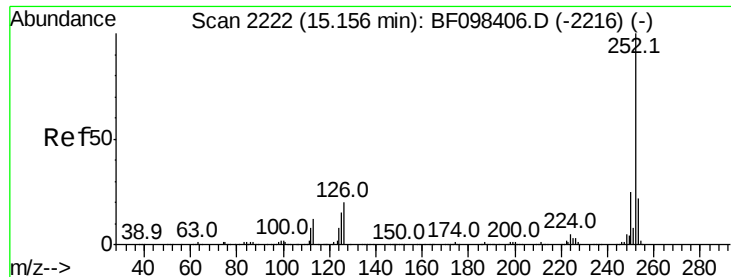
Delta R.T. 0.01 min

Lab File: BF098614.D

Acq: 18 Sep 2017 20:55

Tgt Ion:	252	Resp:	408081
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.4	27.6
125	10.4	13.1	19.7#





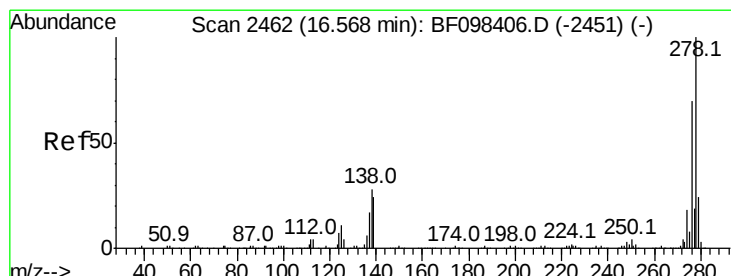
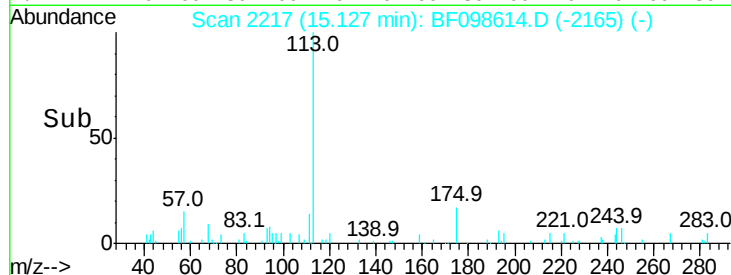
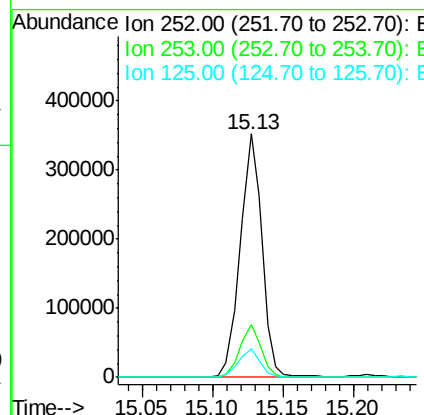
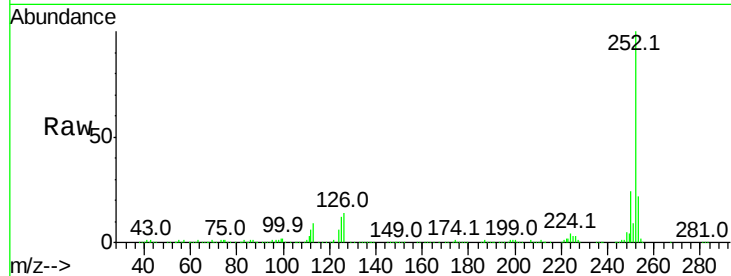
#89
Benzo(a)pyrene
Concen: 38.708 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Instrument :
BNA_F
ClientSampleId :
TP-5D46MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.6	11.0	16.4

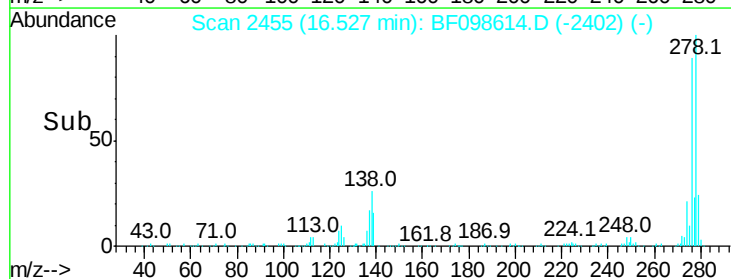
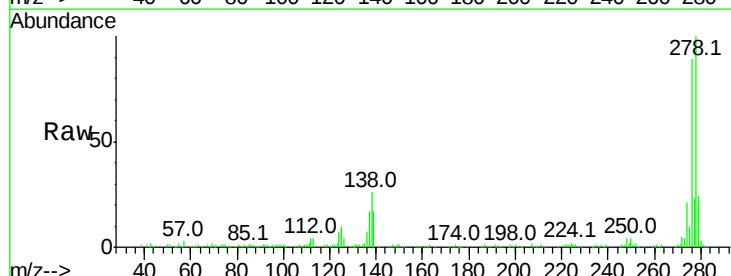
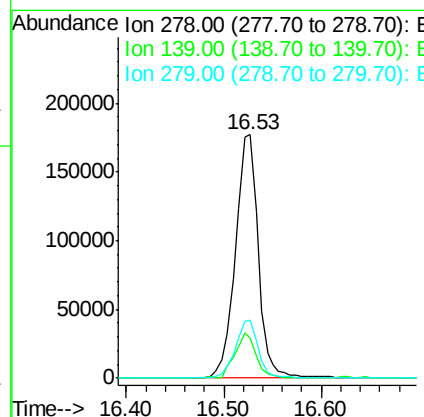
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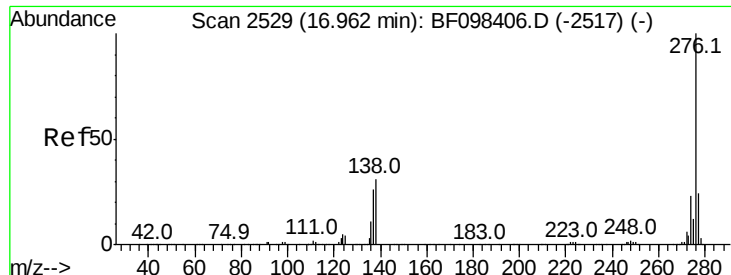
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#90
Dibenzo(a,h)anthracene
Concen: 40.490 ng
RT: 16.53 min Scan# 2455
Delta R.T. 0.01 min
Lab File: BF098614.D
Acq: 18 Sep 2017 20:55

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	16.7	16.6	24.8
279	24.1	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 36.597 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. 0.01 min
 Lab File: BF098614.D
 Acq: 18 Sep 2017 20:55

Instrument :
 BNA_F
 ClientSampleId :
 TP-5D46MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.6	28.0
138	22.6	25.4	38.0

Manual Integrations
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