

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
 Data File : BF098532.D
 Acq On : 14 Sep 2017 17:03
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 9/15/2017 5:43:42 PM

Quant Time: Sep 15 05:14:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	160591	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	671838	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	310844	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	585549	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	409478	20.00	ng	-0.01
86) Perylene-d12	15.19	264	319591	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	843196	77.63	ng	-0.02
7) Phenol-d6	6.30	99	1029312	74.64	ng	-0.02
23) Nitrobenzene-d5	7.22	82	895084	74.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	200838	96.81	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1527257	83.28	ng	-0.02
78) Terphenyl-d14	12.75	244	1542147	81.29	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	192904	34.410	ng	92
3) Pyridine	2.95	79	504026	33.855	ng	# 84
4) n-Nitrosodimethylamine	2.92	42	235574m	32.275	ng	
6) Aniline	6.32	93	627307	36.259	ng	# 25
8) 2-Chlorophenol	6.44	128	463409	38.800	ng	99
9) Benzaldehyde	6.20	77	301406	33.434	ng	94
10) Phenol	6.32	94	593208	37.034	ng	# 62
11) bis(2-Chloroethyl)ether	6.39	93	433144	35.865	ng	95
12) 1,3-Dichlorobenzene	6.59	146	473313	39.372	ng	96
13) 1,4-Dichlorobenzene	6.67	146	481420	39.096	ng	96
14) 1,2-Dichlorobenzene	6.82	146	437416	38.991	ng	97
15) Benzyl Alcohol	6.80	79	347909	37.907	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.93	45	644102	32.414	ng	78
17) 2-Methylphenol	6.92	107	368240	37.810	ng	92
18) Hexachloroethane	7.16	117	177106	37.556	ng	# 85
19) n-Nitroso-di-n-propylamine	7.07	70	312758	36.055	ng	100
20) 3+4-Methylphenols	7.08	107	479341	39.001	ng	# 69
22) Acetophenone	7.07	105	648089	37.324	ng	# 92
24) Nitrobenzene	7.24	77	505538	36.828	ng	98
25) Isophorone	7.48	82	864205	35.444	ng	99
26) 2-Nitrophenol	7.56	139	244963	44.198	ng	# 84
27) 2,4-Dimethylphenol	7.60	122	405003	38.333	ng	97
28) bis(2-Chloroethoxy)methane	7.69	93	538619	36.203	ng	99
29) 2,4-Dichlorophenol	7.80	162	369281	42.026	ng	97
30) 1,2,4-Trichlorobenzene	7.88	180	397115	41.546	ng	99
31) Naphthalene	7.96	128	1287748	38.773	ng	100
32) Benzoic acid	7.77	122	271960	39.971	ng	96
33) 4-Chloroaniline	8.02	127	535783	39.693	ng	95
34) Hexachlorobutadiene	8.07	225	203867	41.546	ng	96
35) Caprolactam	8.40	113	117504	38.779	ng	# 82
36) 4-Chloro-3-methylphenol	8.51	107	430053	39.464	ng	86
37) 2-Methylnaphthalene	8.65	142	802126	39.871	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	400968	41.411	ng	99
40) Hexachlorocyclopentadiene	8.79	237	75325	33.131	ng	99

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 Sample : SSTDCCC040
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Instrument :
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Manual Integrations
 APPROVED

Sohil
 9/15/2017 5:43:42 PM

Quant Time: Sep 15 05:14:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.93	196	247246	43.473	nq	94
43) 2,4,5-Trichlorophenol	8.98	196	253178	42.590	nq	90
45) 1,1'-Biphenyl	9.11	154	1087093	39.073	nq	98
46) 2-Chloronaphthalene	9.13	162	780343	39.272	nq	# 91
47) 2-Nitroaniline	9.24	65	277512	36.388	nq	97
48) Acenaphthylene	9.55	152	1155288	39.104	nq	100
49) Dimethylphthalate	9.42	163	929326	38.622	nq	100
50) 2,6-Dinitrotoluene	9.49	165	205197	41.516	nq	# 83
51) Acenaphthene	9.72	154	733881	39.078	nq	98
52) 3-Nitroaniline	9.66	138	238144	39.915	nq	92
53) 2,4-Dinitrophenol	9.77	184	88127	42.225	nq	# 78
54) Dibenzofuran	9.89	168	958669	38.749	nq	99
55) 4-Nitrophenol	9.83	139	125702	36.671	nq	# 55
56) 2,4-Dinitrotoluene	9.89	165	250317	41.658	nq	# 61
57) Fluorene	10.23	166	805088	39.315	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.02	232	173608	43.456	nq	94
59) Diethylphthalate	10.12	149	872872	38.144	nq	98
60) 4-Chlorophenyl-phenylether	10.23	204	385829	40.792	nq	# 84
61) 4-Nitroaniline	10.27	138	238507	39.584	nq	88
62) Azobenzene	10.39	77	834161	33.822	nq	97
64) 4,6-Dinitro-2-methylphenol	10.30	198	150921	42.640	nq	# 73
65) n-Nitrosodiphenylamine	10.35	169	732781	38.541	nq	99
66) 4-Bromophenyl-phenylether	10.72	248	228234	41.069	nq	92
67) Hexachlorobenzene	10.78	284	242657	43.047	nq	# 87
68) Atrazine	10.88	200	233794	39.942	nq	98
69) Pentachlorophenol	10.98	266	89196	39.584	nq	96
70) Phenanthrene	11.19	178	1194541	38.482	nq	99
71) Anthracene	11.24	178	1225726	38.460	nq	99
72) Carbazole	11.40	167	1125725	37.901	nq	99
73) Di-n-butylphthalate	11.73	149	1356517	38.118	nq	99
74) Fluoranthene	12.37	202	1216904	39.160	nq	100
76) Benzidine	12.50	184	657337	36.273	nq	96
77) Pyrene	12.60	202	1260565	39.024	nq	98
79) Butylbenzylphthalate	13.22	149	552974	39.460	nq	# 79
80) Benzo(a)anthracene	13.79	228	947989	39.488	nq	98
81) 3,3'-Dichlorobenzidine	13.76	252	372773	39.956	nq	# 96
82) Chrysene	13.83	228	932393	38.422	nq	100
83) Bis(2-ethylhexyl)phthalate	13.78	149	693543	39.434	nq	99
84) Di-n-octyl phthalate	14.39	149	1134938	37.612	nq	100
85) Indeno(1,2,3-cd)pyrene	16.53	276	680150	39.949	nq	97
87) Benzo(b)fluoranthene	14.80	252	791263	39.376	nq	99
88) Benzo(k)fluoranthene	14.83	252	772130	41.159	nq	# 94
89) Benzo(a)pyrene	15.14	252	716529	40.024	nq	100
90) Dibenzo(a,h)anthracene	16.54	278	559121	42.933	nq	98
91) Benzo(g,h,i)perylene	16.93	276	568900	43.432	nq	96

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

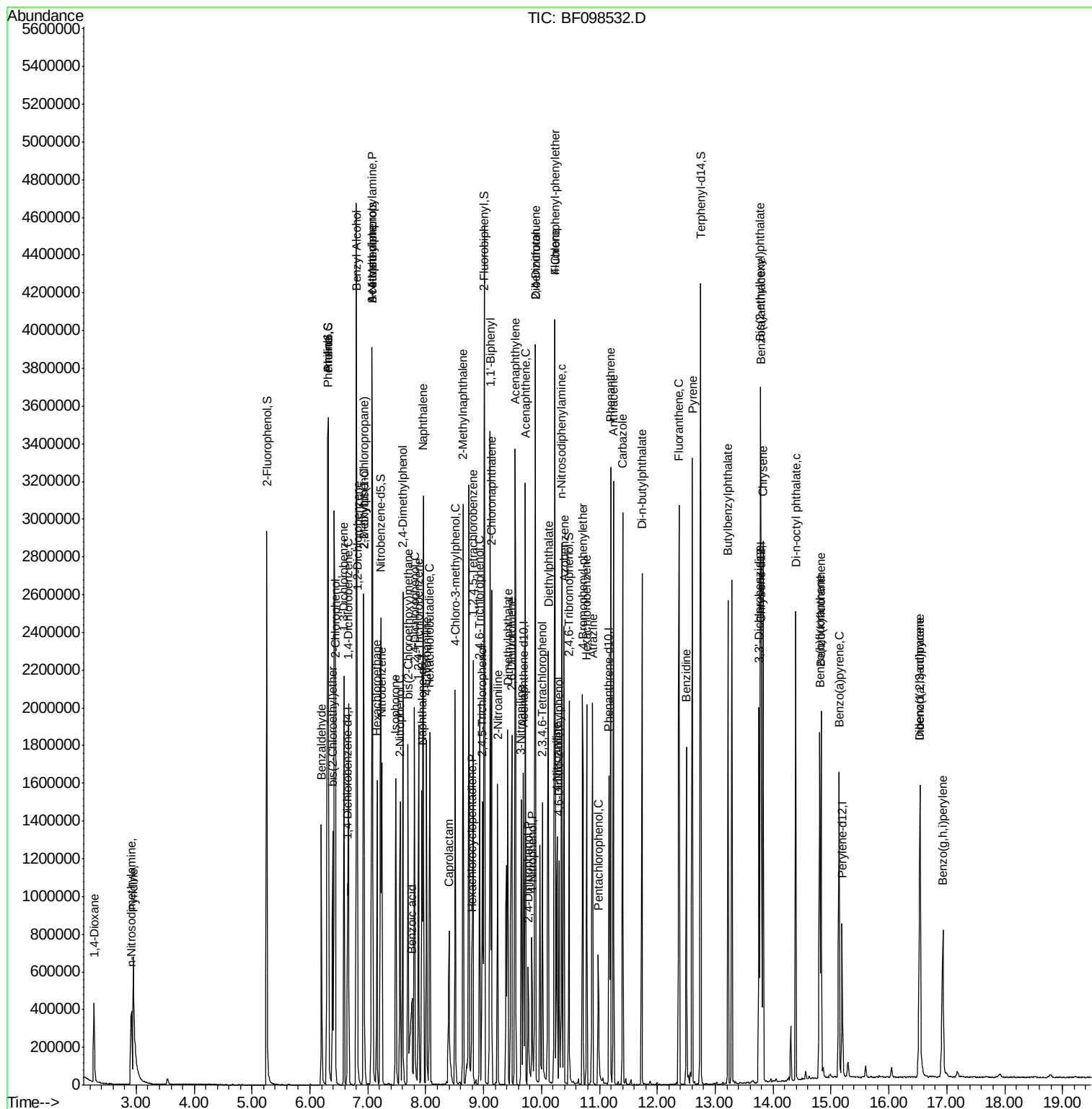
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
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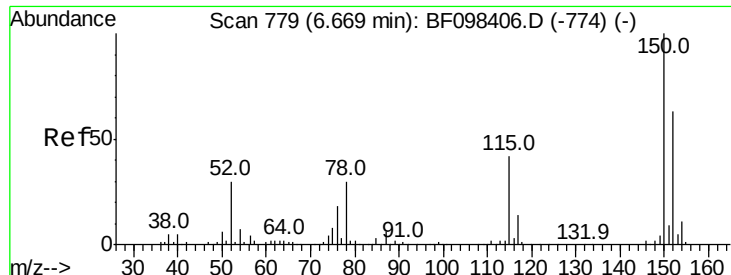
Instrument :
 BNA_F
 ClientSampleID :
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#1

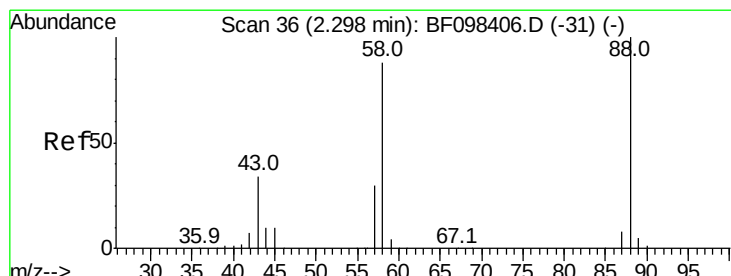
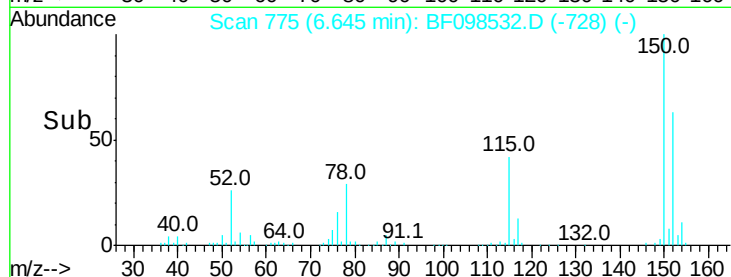
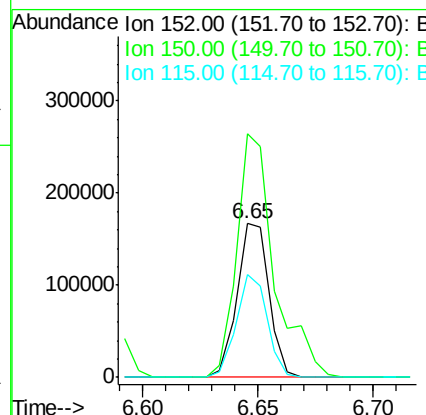
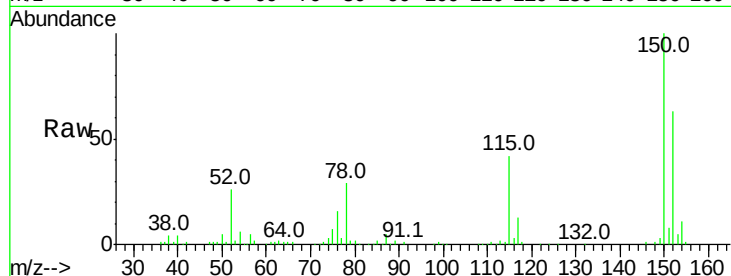
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.2	189.2
115	66.6	52.2	78.2

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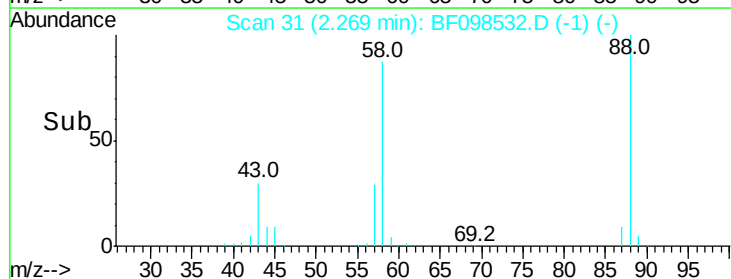
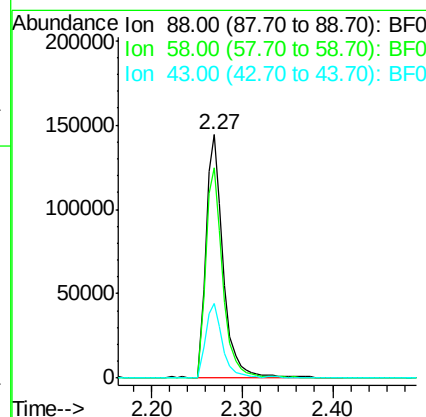
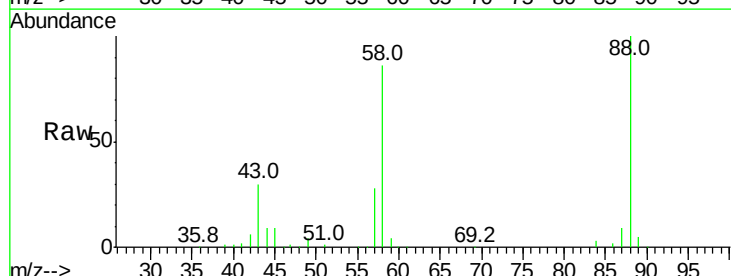
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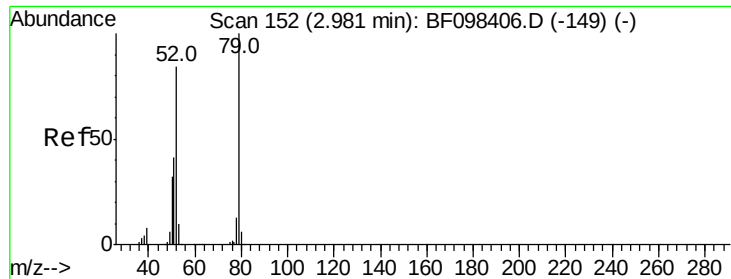


#2

1,4-Dioxane
Concen: 34.410 ng
RT: 2.27 min Scan# 31
Delta R.T. -0.03 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	61.4	92.0
43	29.3	23.4	35.0





#3

Pvridine

Concen: 33.855 ng

RT: 2.95 min Scan# 146

Delta R.T. -0.04 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

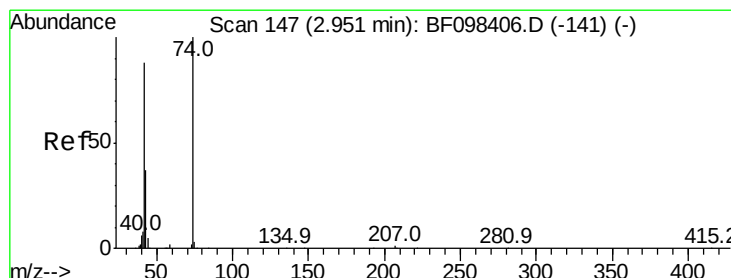
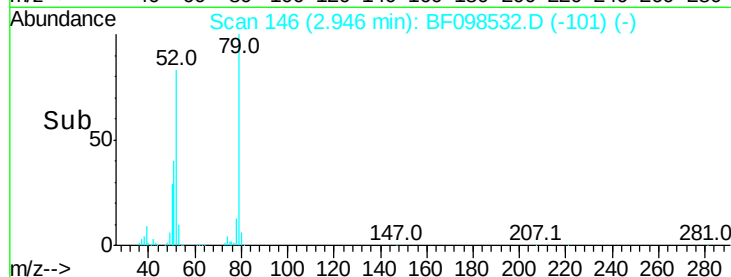
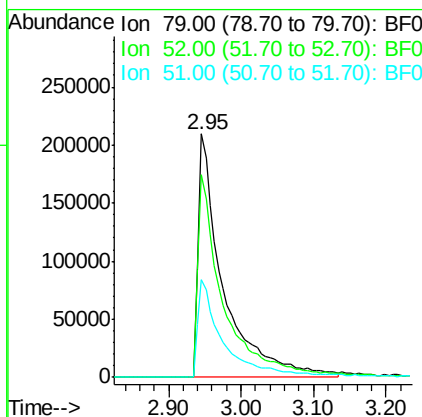
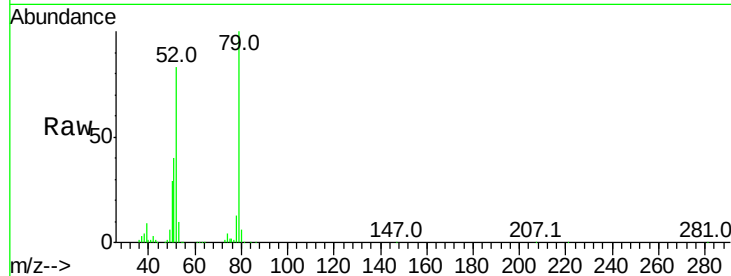
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	504026
Ion Ratio	Lower	Upper	
79	100		
52	83.2	54.8	82.2#
51	40.4	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 32.275 ng m

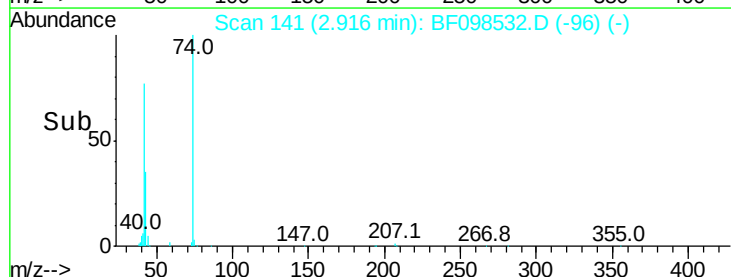
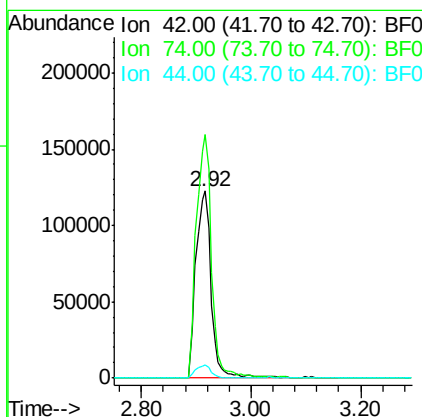
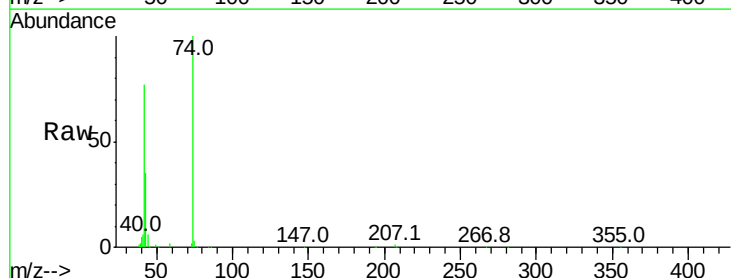
RT: 2.92 min Scan# 141

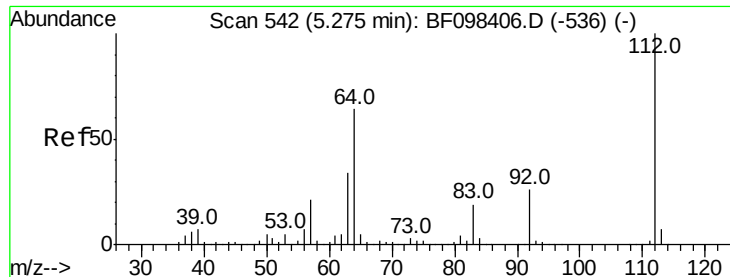
Delta R.T. -0.04 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Tgt Ion:	42	Resp:	235574
Ion Ratio	Lower	Upper	
42	100		
74	130.2	103.9	155.9
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 77.631 ng

RT: 5.25 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

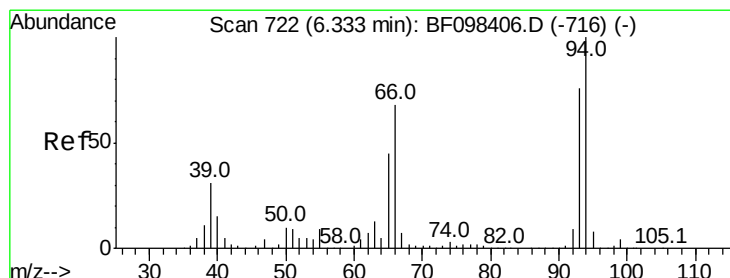
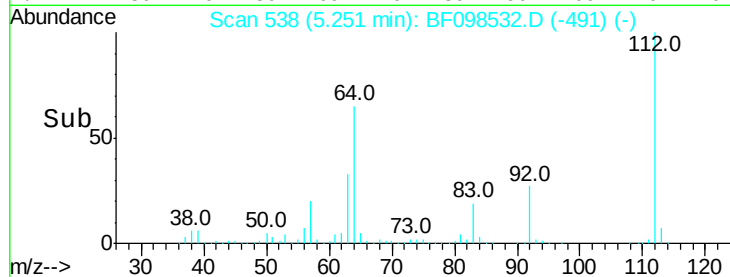
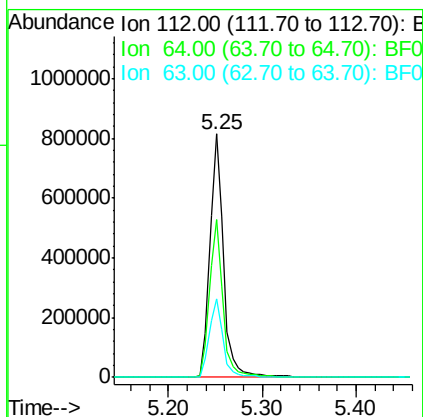
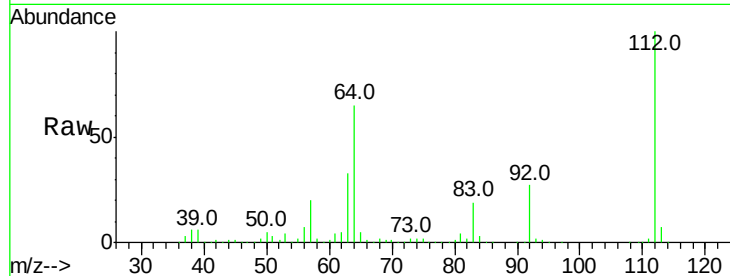
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	843196
Ion Ratio	Lower	Upper	
112	100		
64	64.8	46.0	69.0
63	32.5	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 36.259 ng

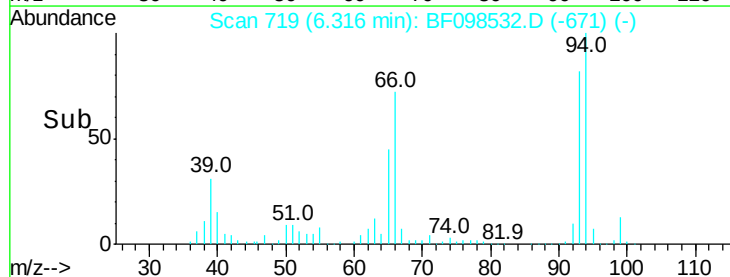
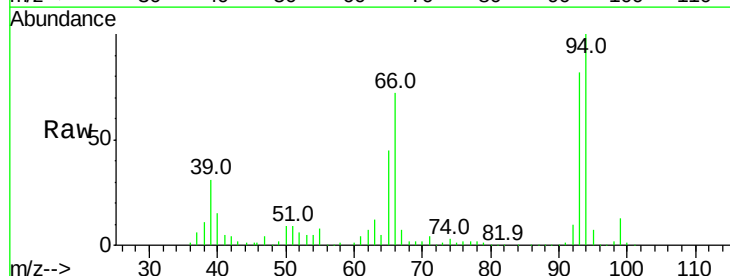
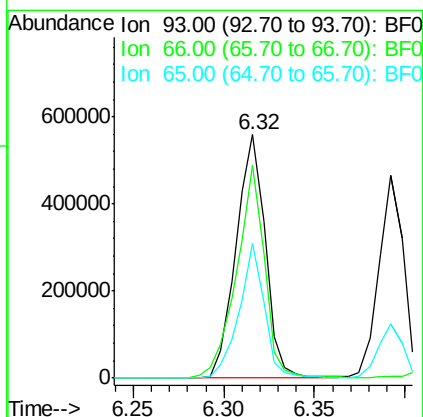
RT: 6.32 min Scan# 719

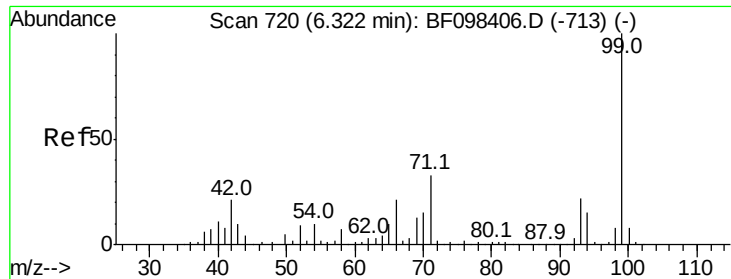
Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Tgt Ion:	93	Resp:	627307
Ion Ratio	Lower	Upper	
93	100		
66	87.3	32.9	49.3#
65	55.1	16.0	24.0#





#7

Phenol-d6

Concen: 74.639 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1029312

Ion Ratio Lower Upper

99 100

42 18.5 13.5 20.3

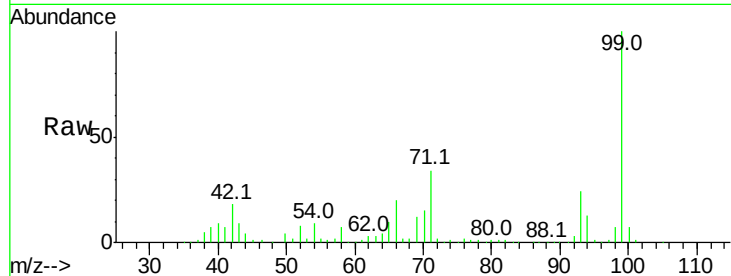
71 33.6 24.5 36.7

Manual Integrations

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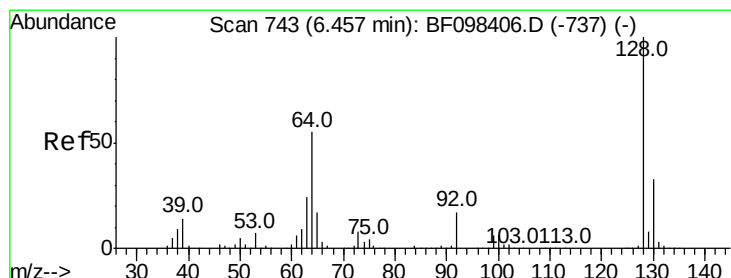
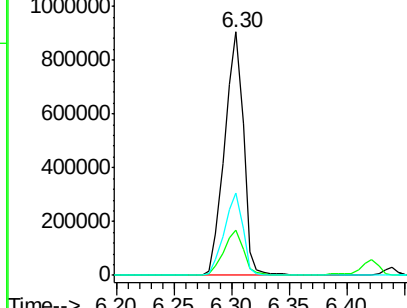
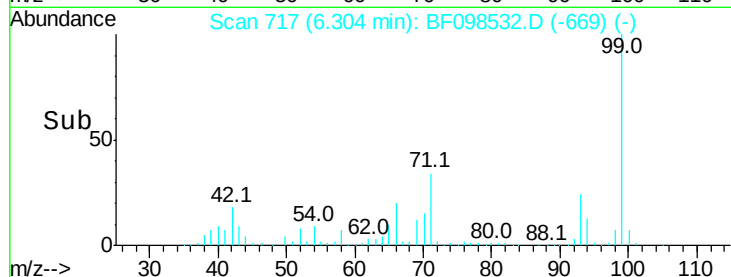
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.800 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

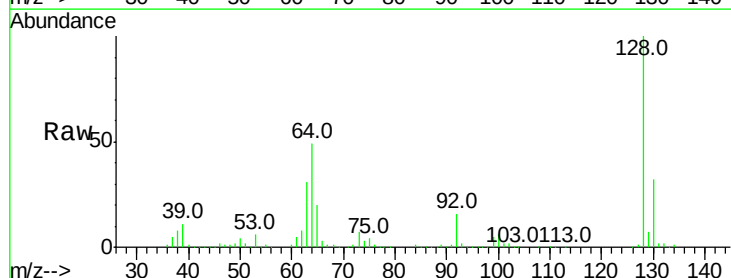
Tgt Ion: 128 Resp: 463409

Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

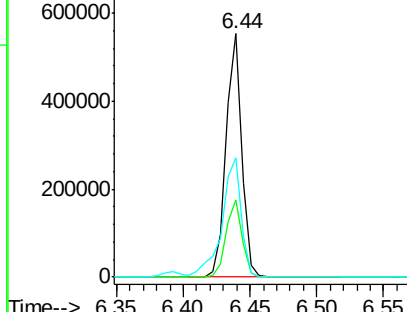
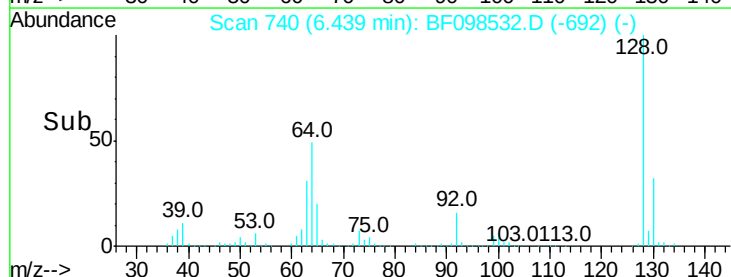
64 49.2 28.4 68.4

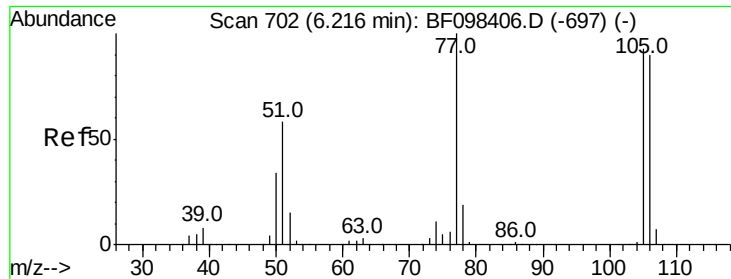


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.434 ng

RT: 6.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

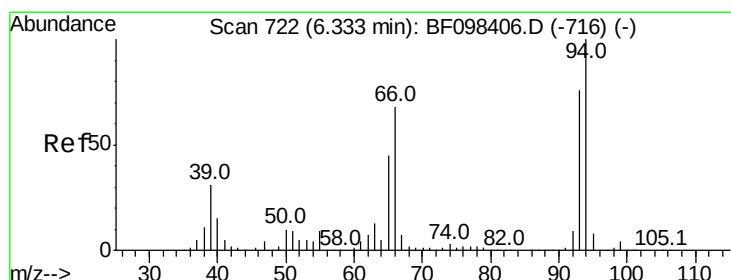
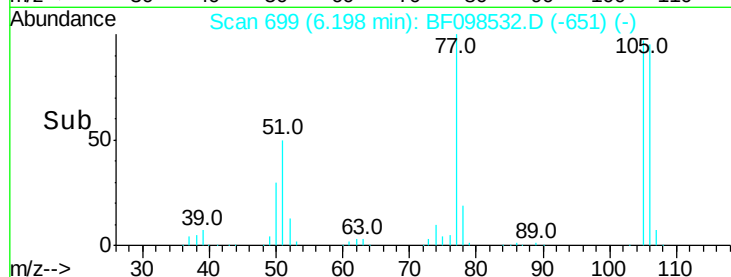
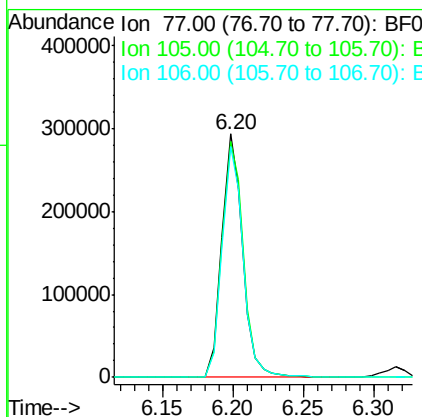
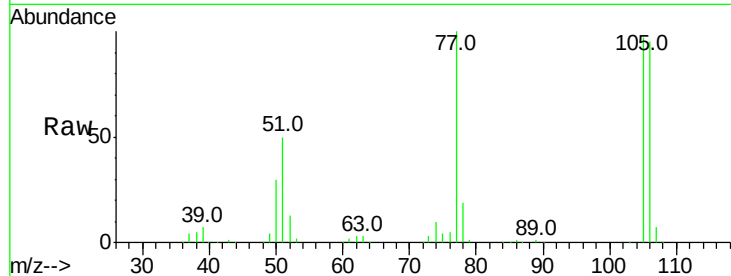
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	301406
Ion Ratio	Lower	Upper	
77	100		
105	97.1	83.8	123.8
106	94.7	79.1	119.1

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#10

Phenol

Concen: 37.034 ng

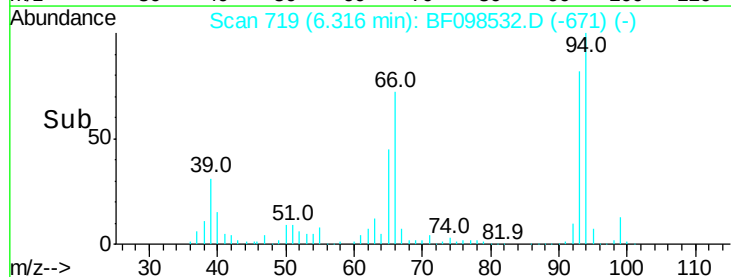
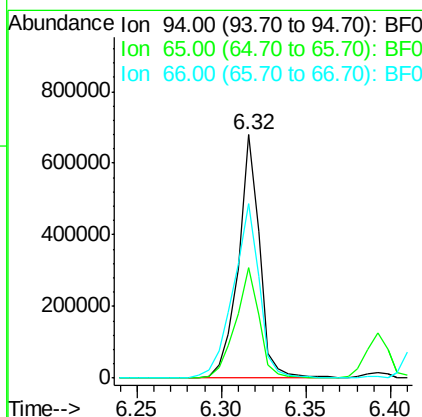
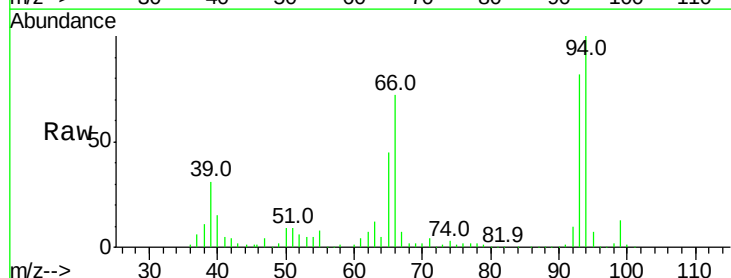
RT: 6.32 min Scan# 719

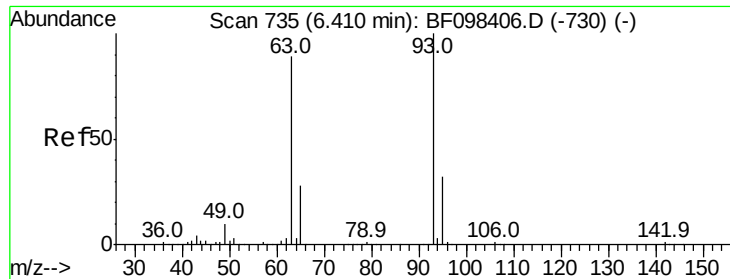
Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Tgt Ion:	94	Resp:	593208
Ion Ratio	Lower	Upper	
94	100		
65	45.3	9.9	49.9
66	71.8	23.1	63.1#





#11

bis(2-Chloroethyl)ether

Concen: 35.865 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

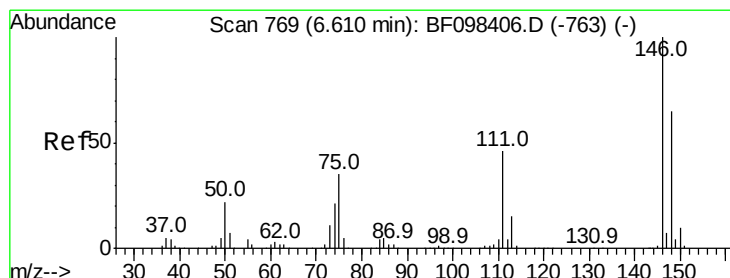
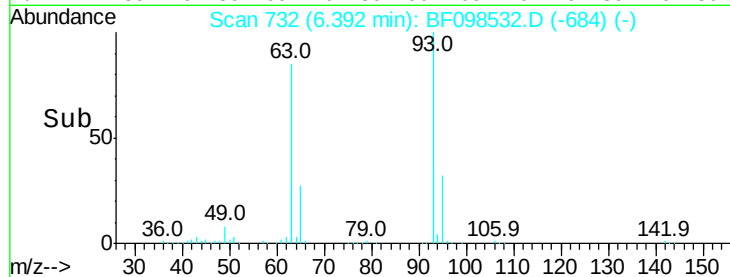
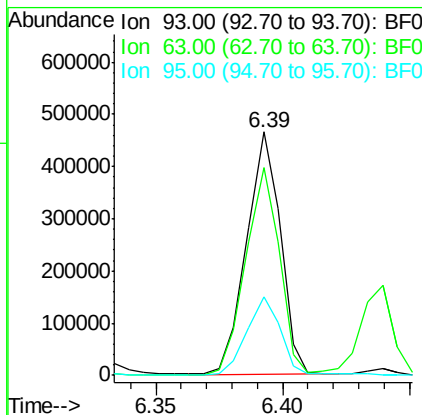
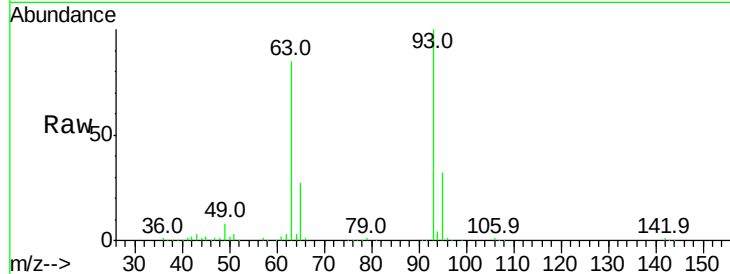
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	433144
Ion	Ratio	Lower	Upper
93	100		
63	85.1	59.2	99.2
95	32.5	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 39.372 ng

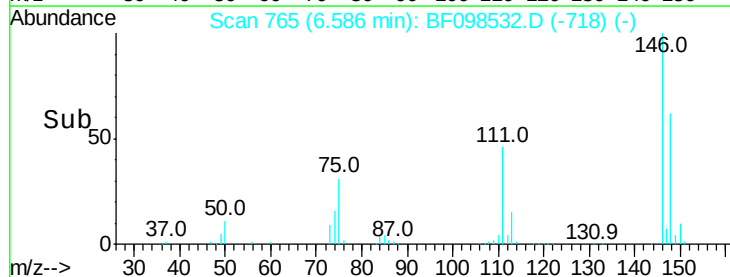
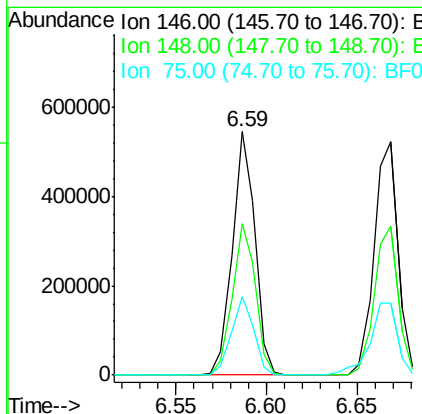
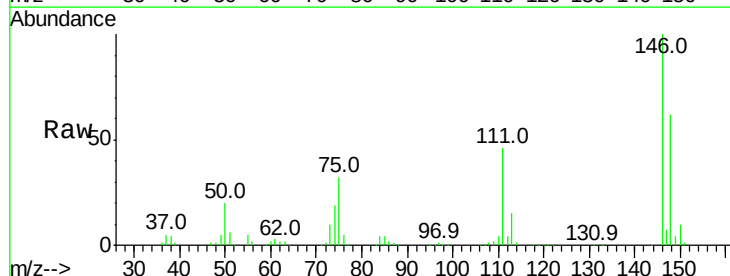
RT: 6.59 min Scan# 765

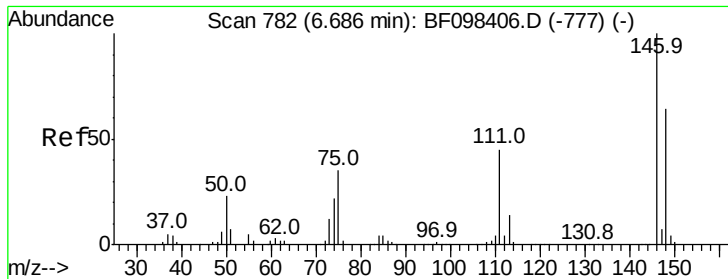
Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Tgt Ion:	146	Resp:	473313
Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.8	77.6
75	32.1	23.1	34.7





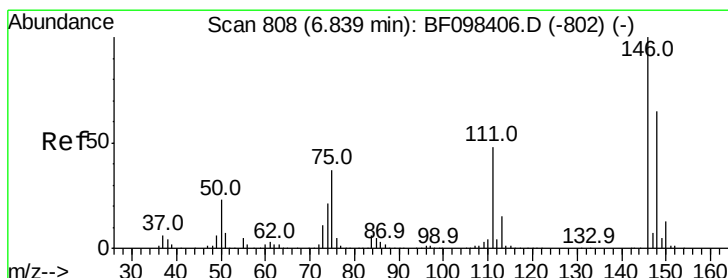
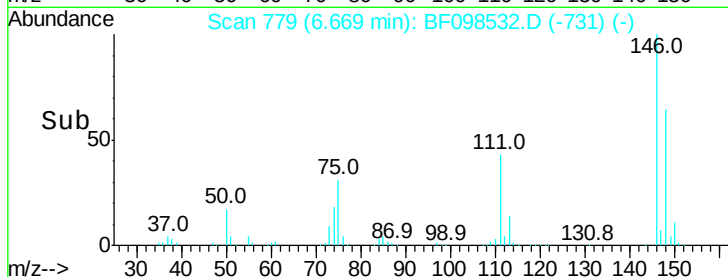
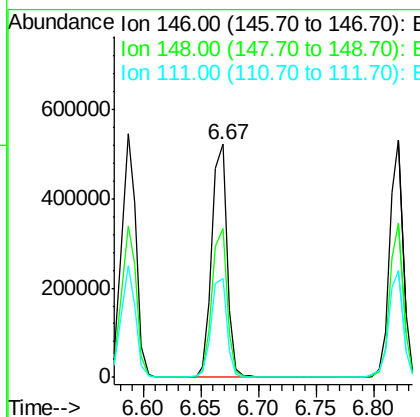
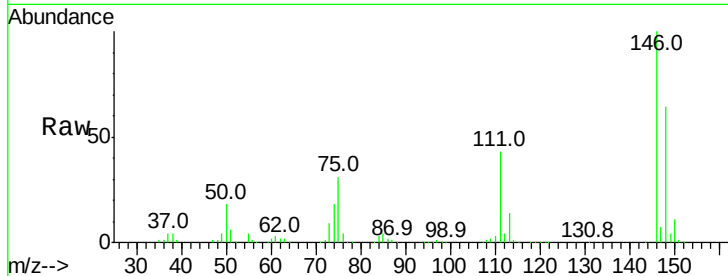
#13
 1,4-Dichlorobenzene
 Concen: 39.096 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.2
111	42.5	30.3	45.5

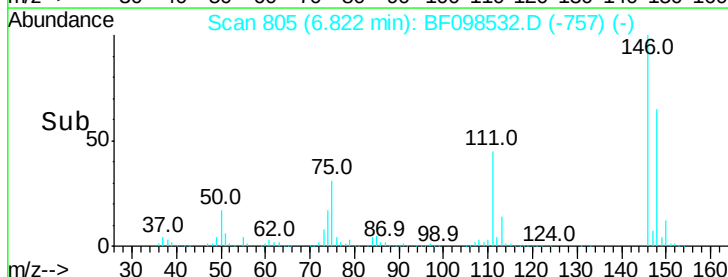
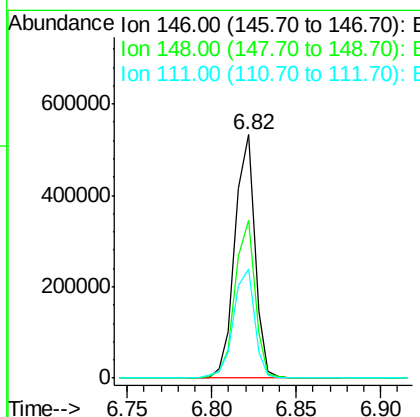
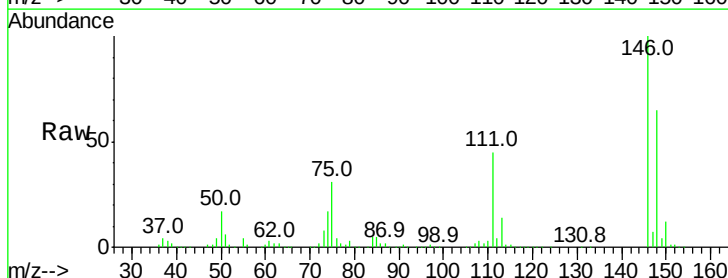
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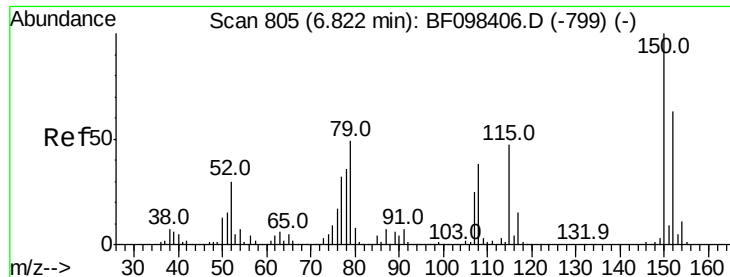
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#14
 1,2-Dichlorobenzene
 Concen: 38.991 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.4	75.6
111	44.9	38.2	57.4





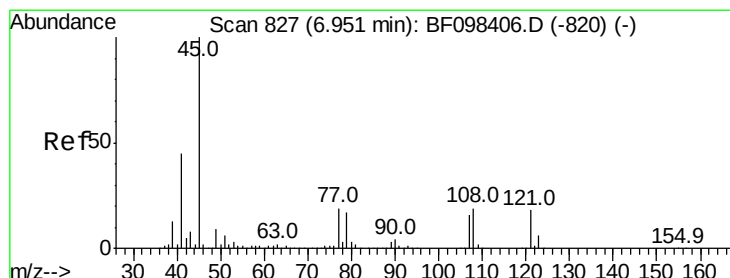
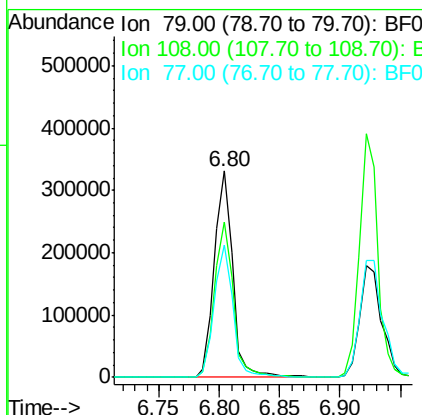
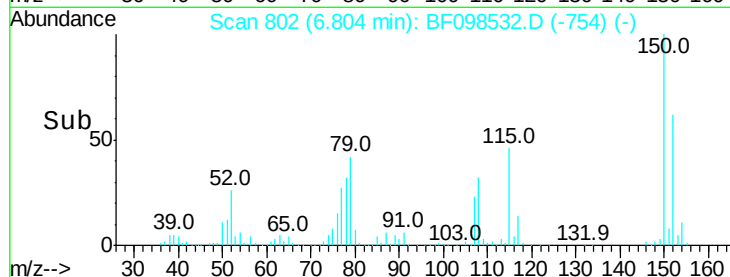
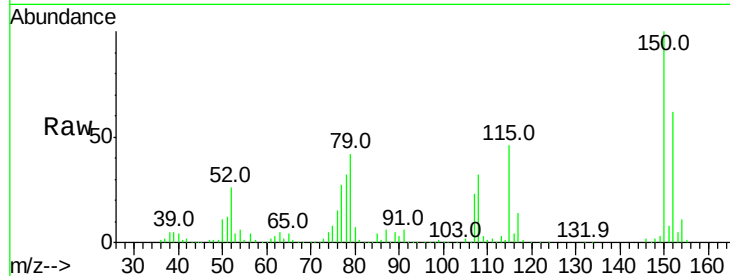
#15
Benzyl Alcohol
Concen: 37.907 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.3	63.4	95.0
77	64.4	49.2	73.8

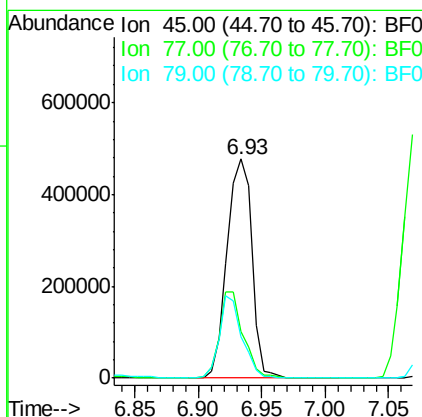
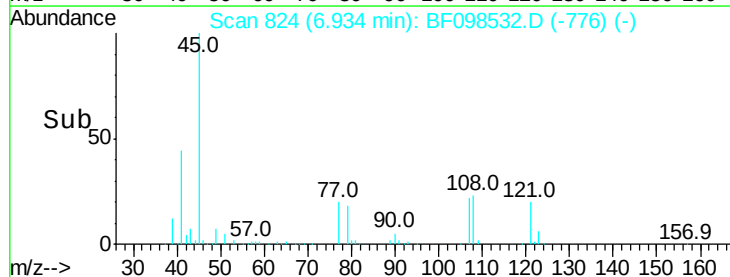
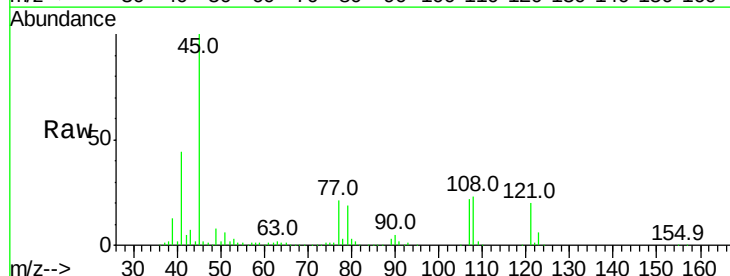
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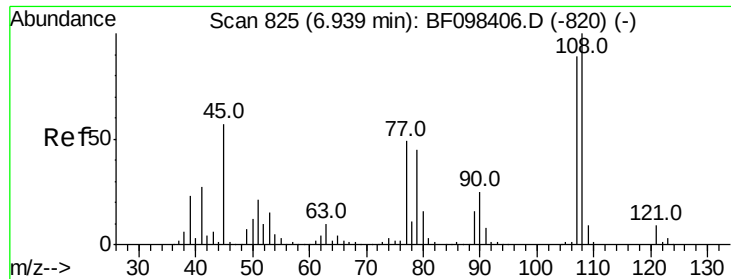
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.414 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.4	0.0	33.2
79	19.0	0.0	30.0





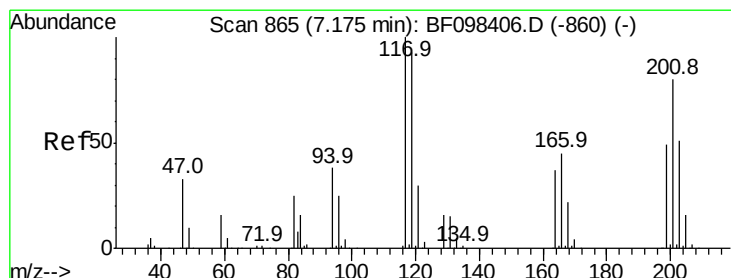
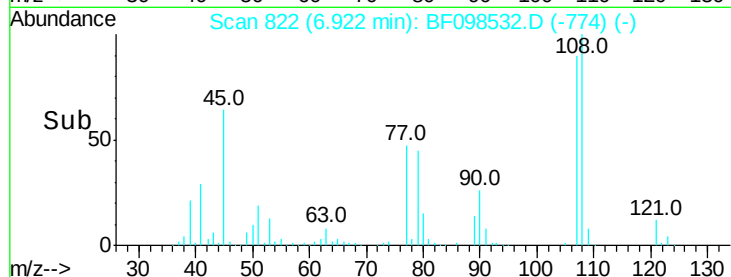
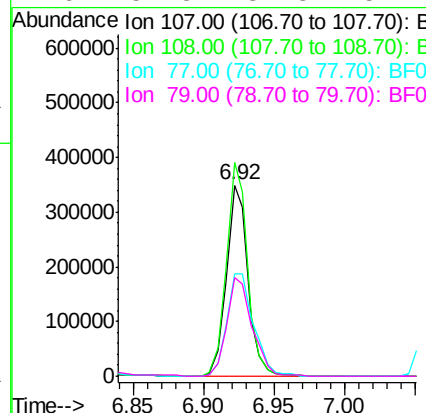
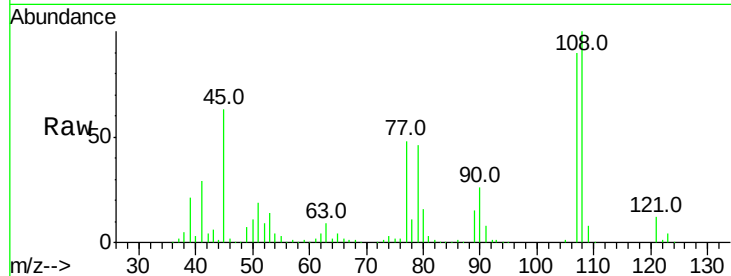
#17
2-Methylphenol
Concen: 37.810 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	111.7	93.4	140.0		
77	53.5	35.8	53.6		
79	51.3	34.8	52.2		

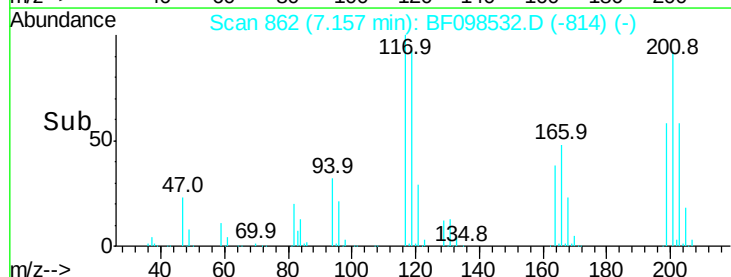
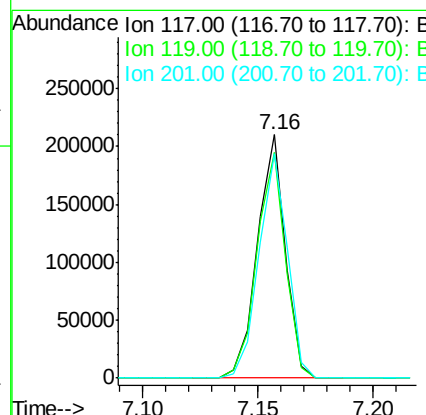
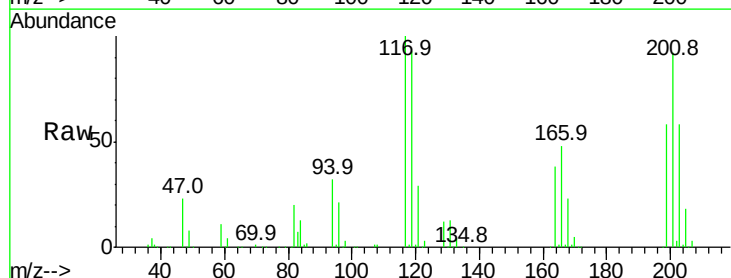
Manual Integrations
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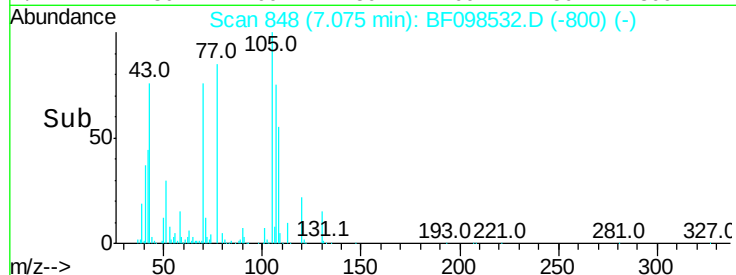
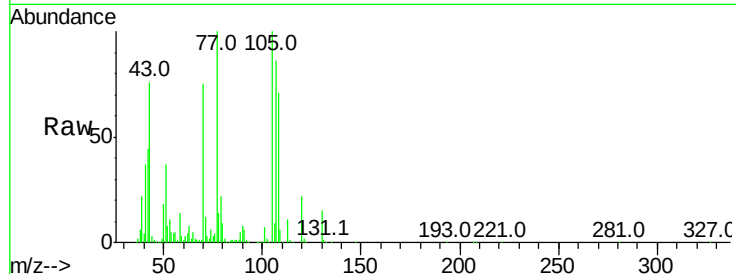
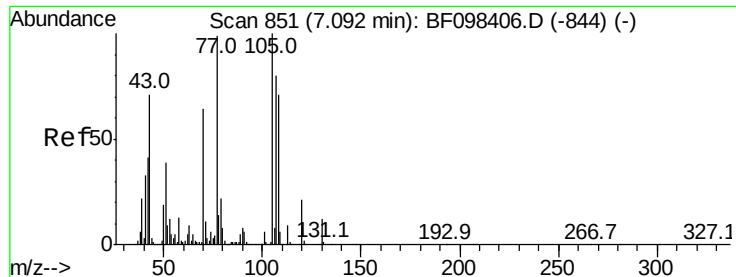
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#18
Hexachloroethane
Concen: 37.556 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	92.6	77.4	116.0		
201	92.4	94.6	141.8#		





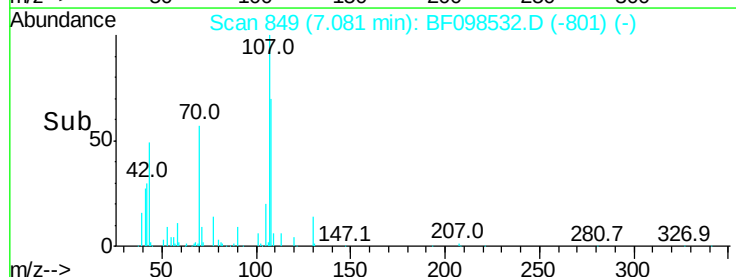
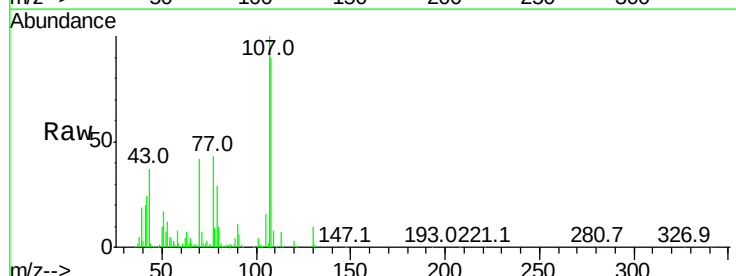
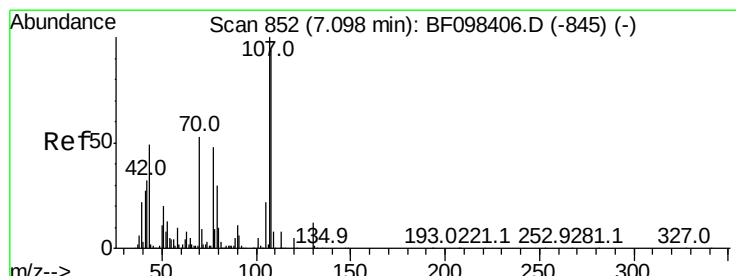
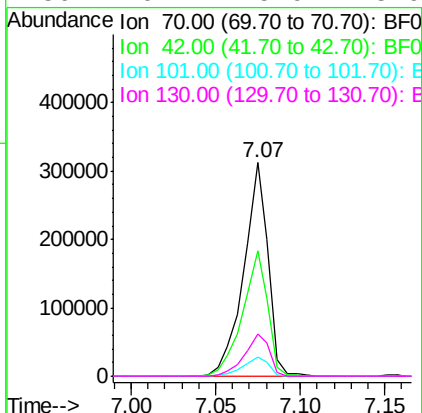
#19
n-Nitroso-di-n-propylamine
Concen: 36.055 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.6	47.2	70.8	
101	9.0	7.2	10.8	
130	19.7	15.9	23.9	

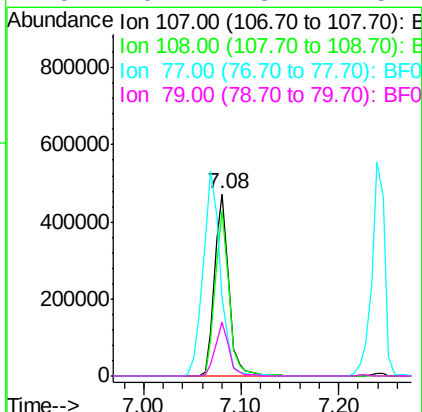
Manual Integrations
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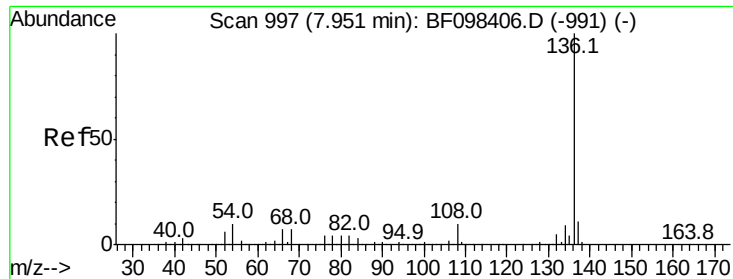
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#20
3+4-Methylphenols
Concen: 39.001 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.4	71.0	111.0	
77	42.9	90.5	130.5#	
79	29.4	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

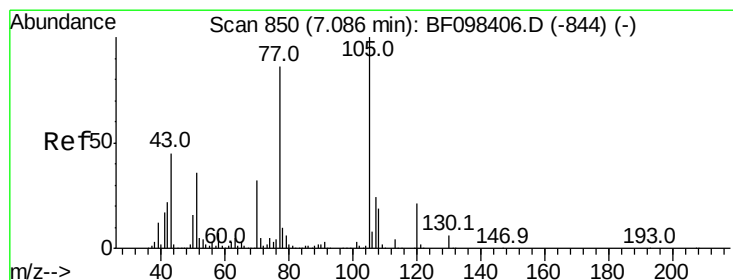
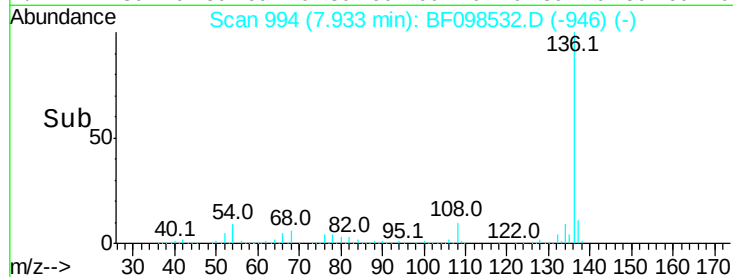
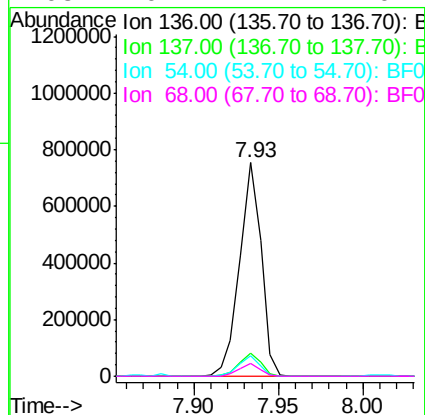
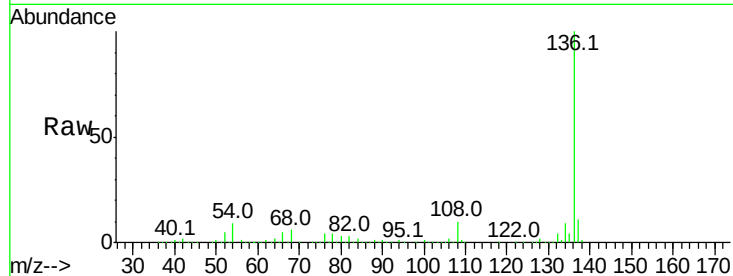
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	671838		
137	11.0	8.5	12.7	
54	9.4	4.9	7.3	
68	6.2	4.1	6.1	

Manual Integrations
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#22

Acetophenone

Concen: 37.324 ng

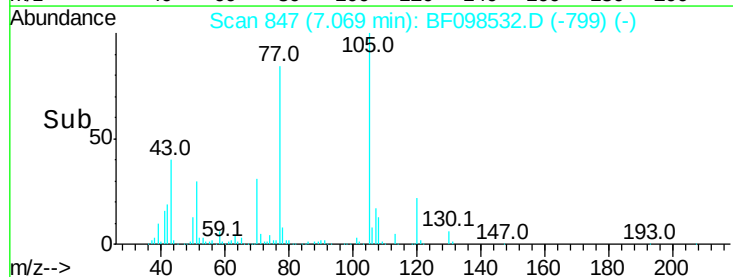
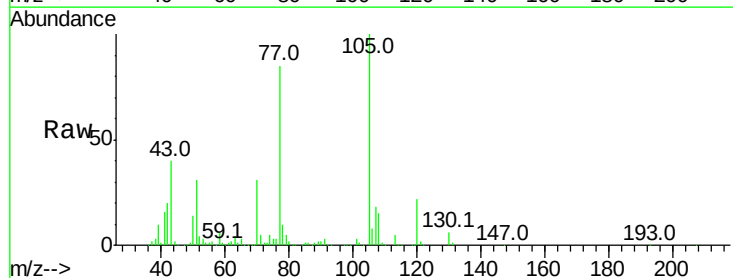
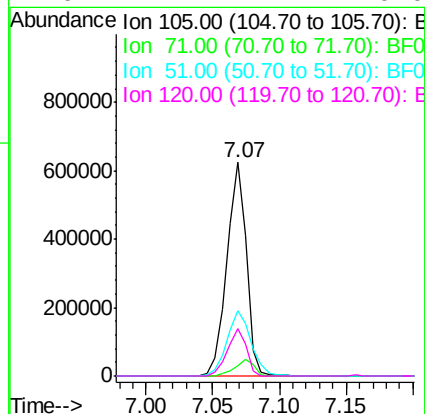
RT: 7.07 min Scan# 847

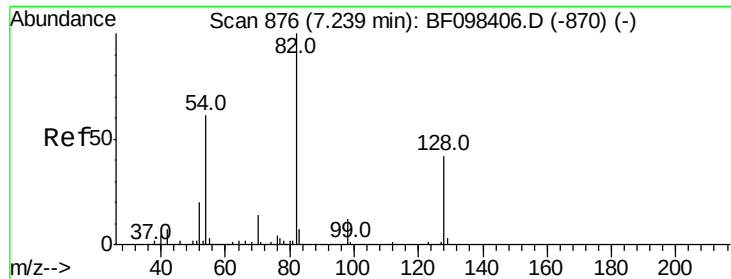
Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	648089		
71	5.0	2.8	4.2	
51	30.8	30.7	46.1	
120	22.1	17.4	26.0	





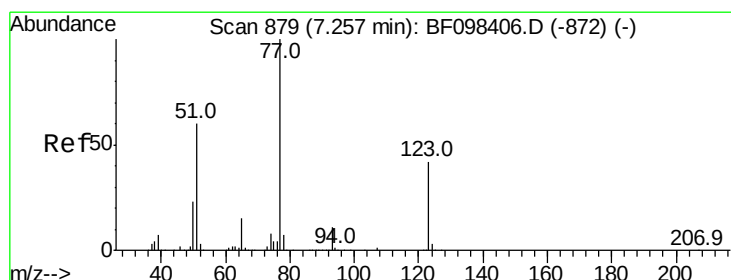
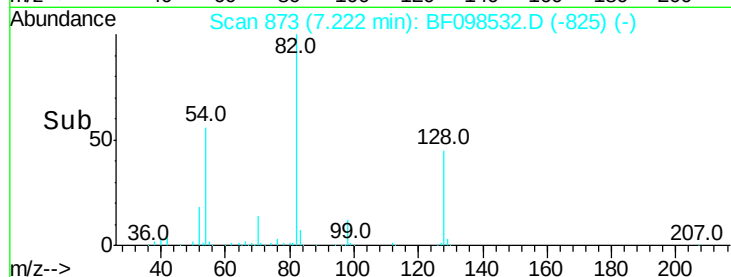
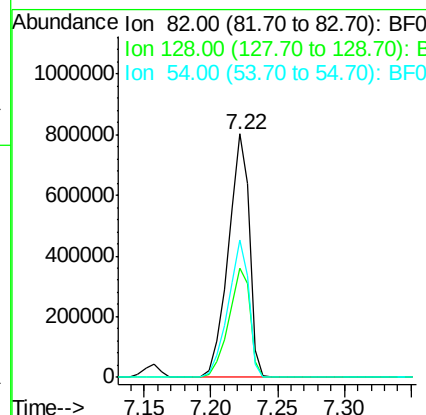
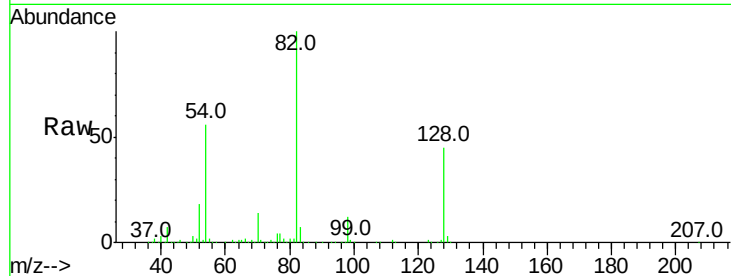
#23
 Nitrobenzene-d5
 Concen: 74.275 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.0	51.0
54	56.2	42.2	63.2

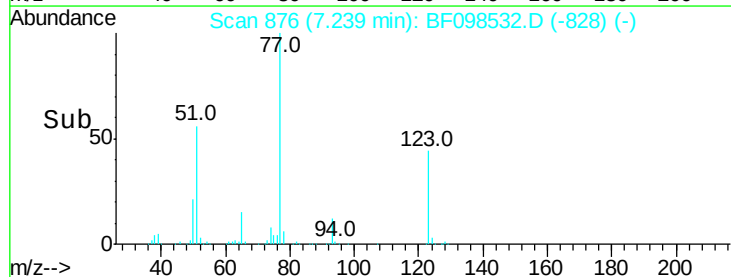
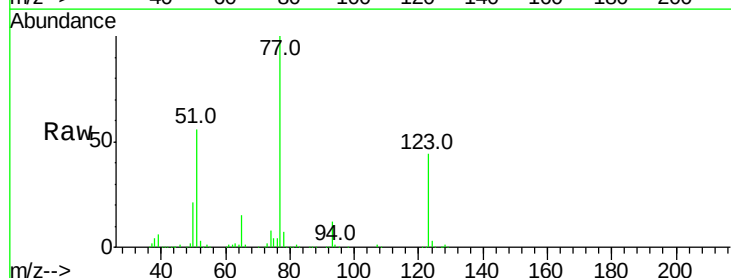
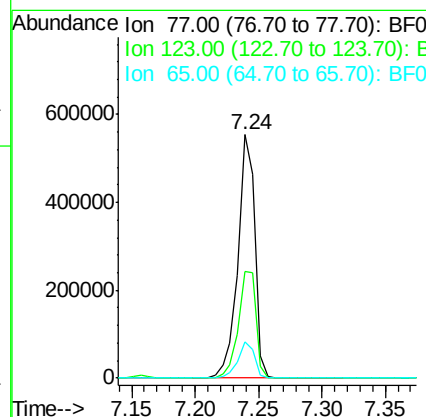
Manual Integrations
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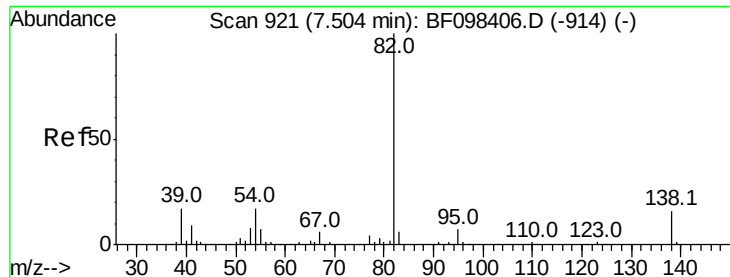
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#24
 Nitrobenzene
 Concen: 36.828 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	35.8	53.8
65	14.9	10.6	15.8





#25

Isophorone

Concen: 35.444 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

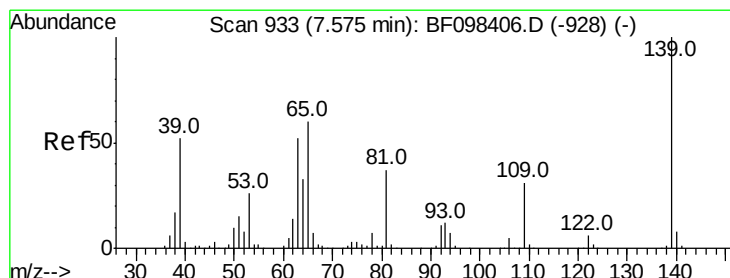
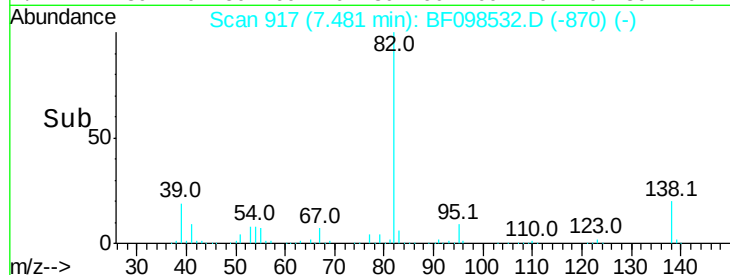
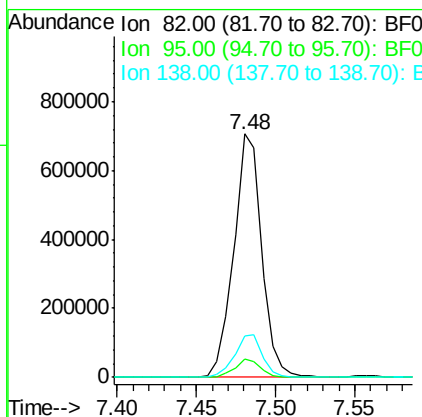
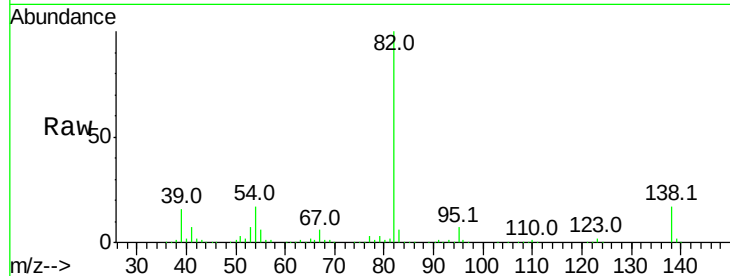
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	864205
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.3	7.9
138	16.8	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.198 ng

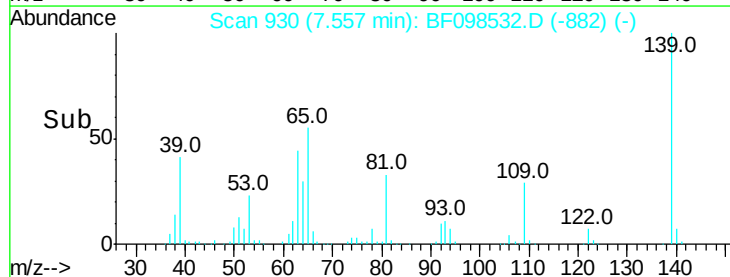
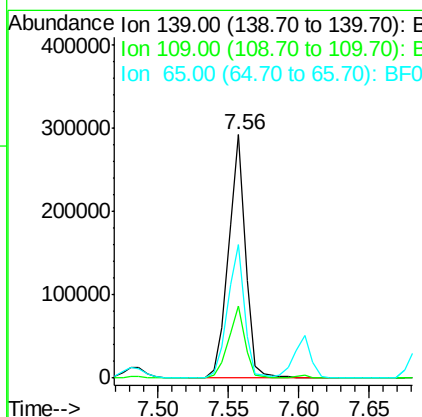
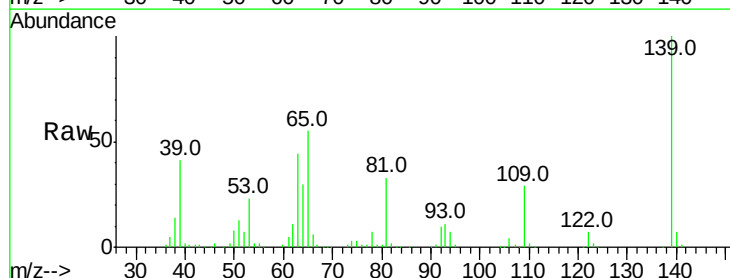
RT: 7.56 min Scan# 930

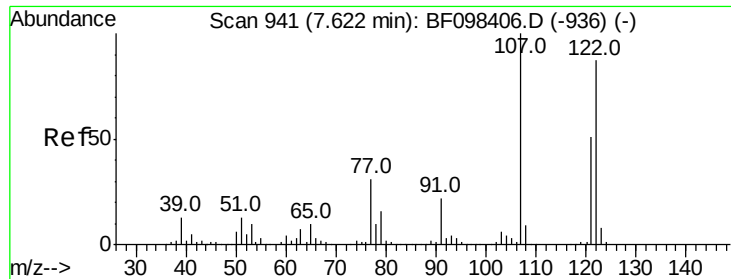
Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Tgt Ion:	139	Resp:	244963
Ion Ratio	Lower	Upper	
139	100		
109	29.4	21.0	31.6
65	55.0	33.0	49.6#





#27

2,4-Dimethylphenol

Concen: 38.333 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

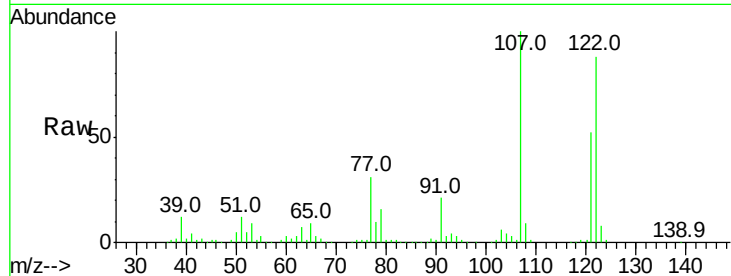
ClientSampleId :

SSTDCCC040

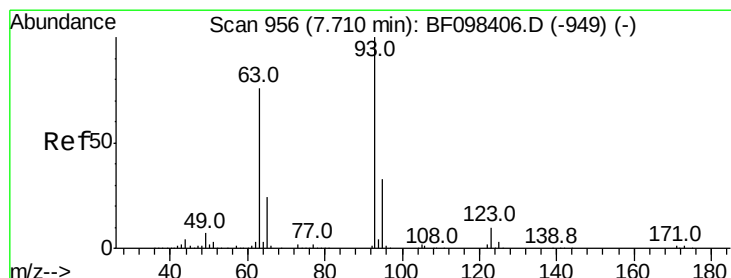
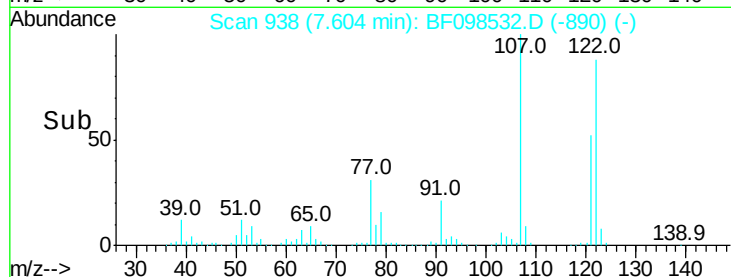
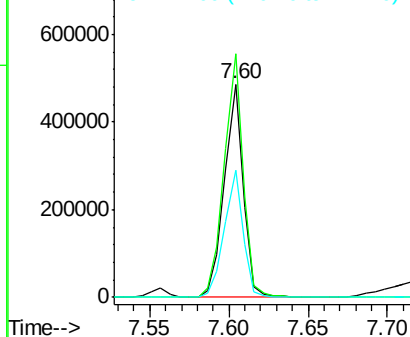
Tot Ion:	122	Resp:	405003
Ion Ratio	Lower	Upper	
122	100		
107	114.1	89.2	133.8
121	59.7	45.2	67.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.203 ng

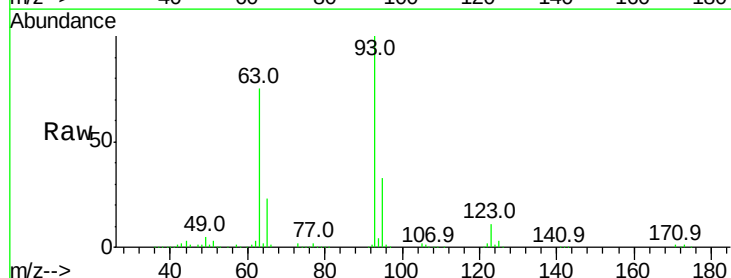
RT: 7.69 min Scan# 953

Delta R.T. -0.02 min

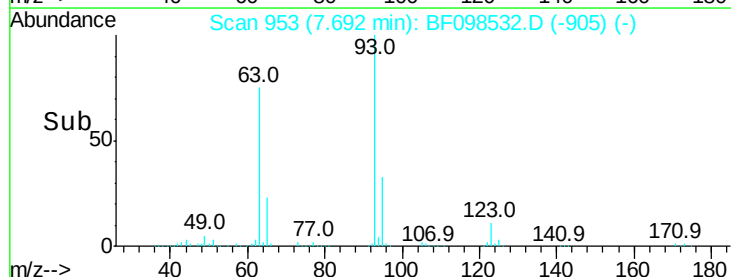
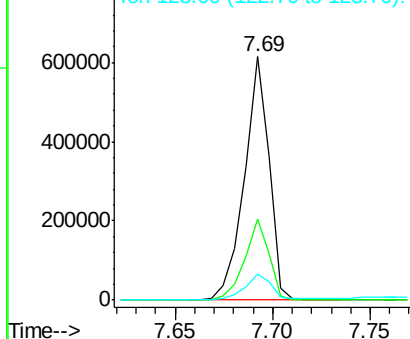
Lab File: BF098532.D

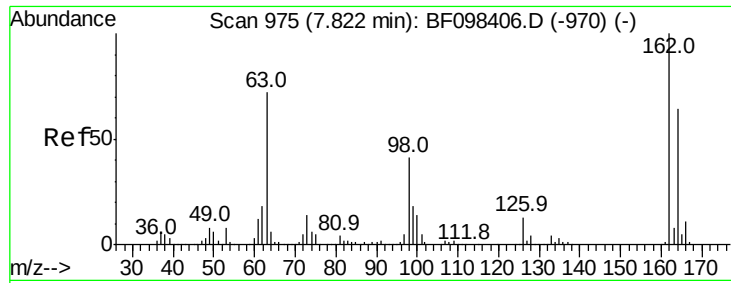
Acq: 14 Sep 2017 17:03

Tgt Ion:	93	Resp:	538619
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.5	39.7
123	10.9	9.0	13.4



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





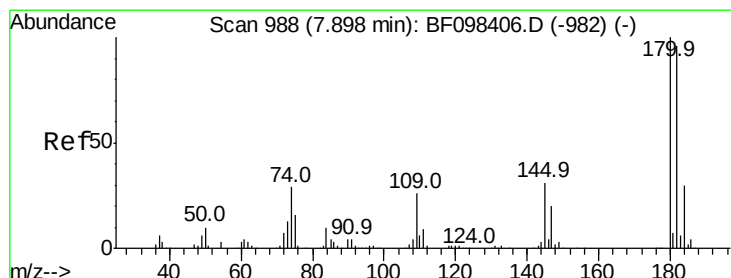
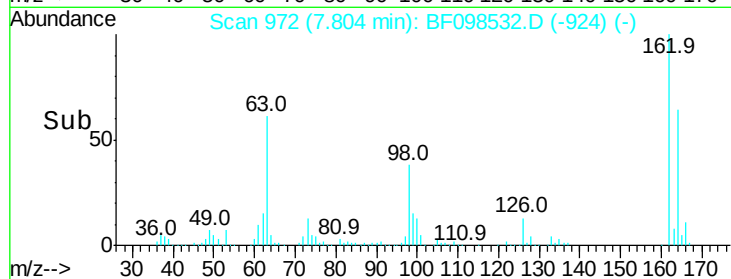
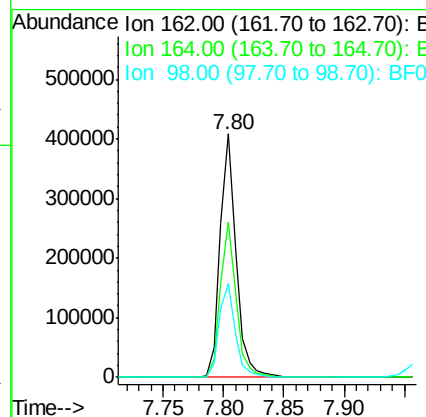
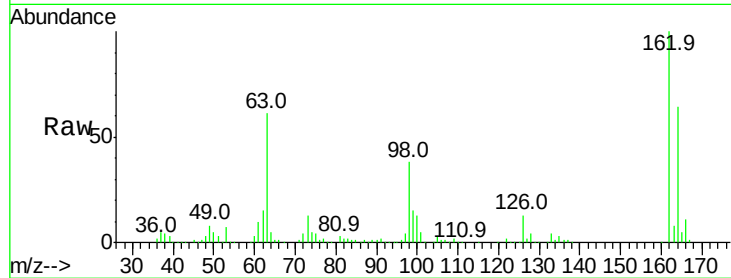
#29
 2,4-Dichlorophenol
 Concen: 42.026 ng
 RT: 7.80 min Scan# 972
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	162	Resp:	369281
Ion Ratio	Lower	Upper	
162	100		
164	64.0	44.6	84.6
98	38.4	14.8	54.8

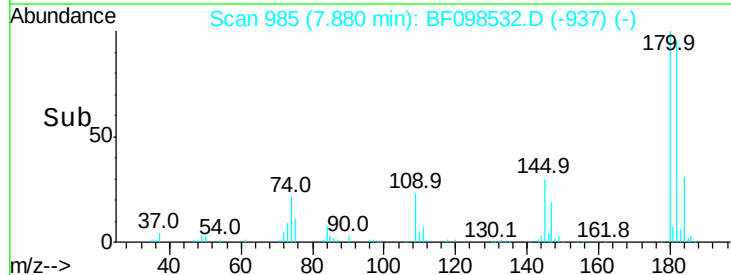
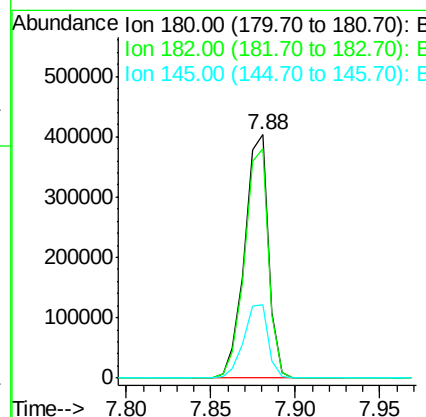
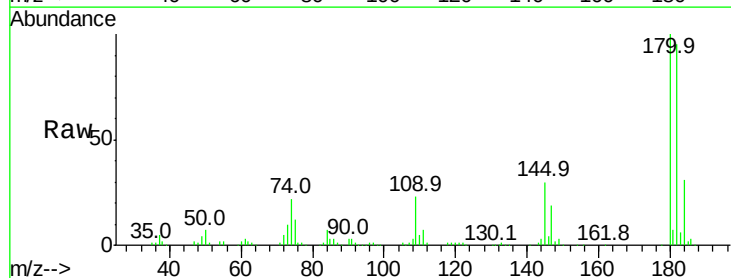
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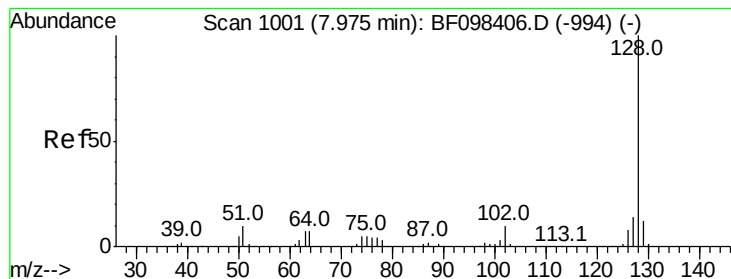
Sohil
 9/15/2017 5:43:42 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.546 ng
 RT: 7.88 min Scan# 985
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Tgt Ion:	180	Resp:	397115
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.8	113.6
145	30.3	25.3	37.9





#31

Naphthalene

Concen: 38.773 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1287748

Ion Ratio Lower Upper

128 100

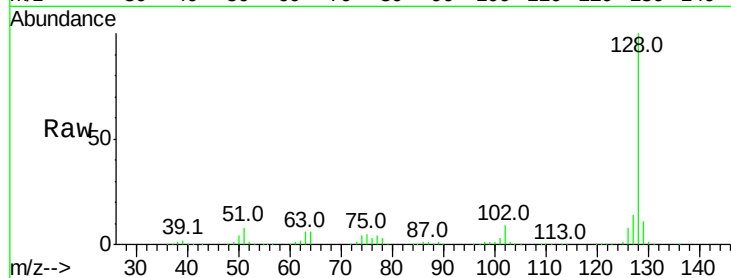
129 11.4 9.0 13.6

127 13.6 10.8 16.2

Manual Integrations
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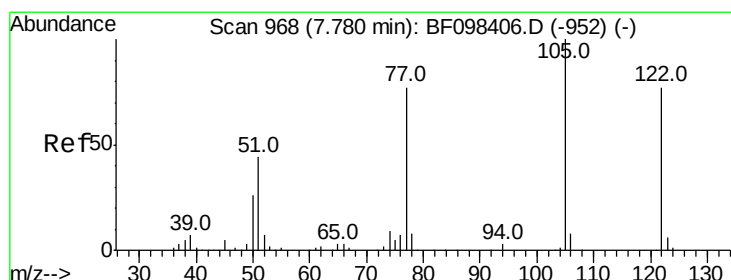
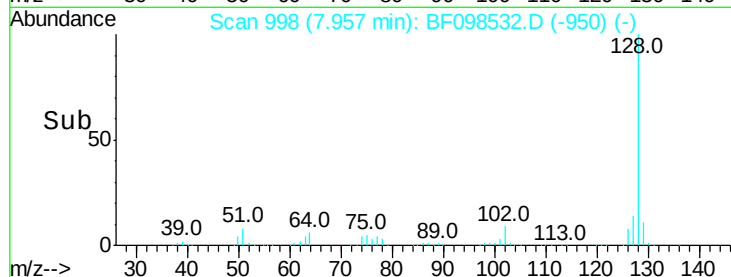
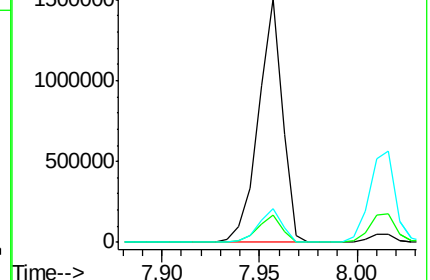
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.971 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

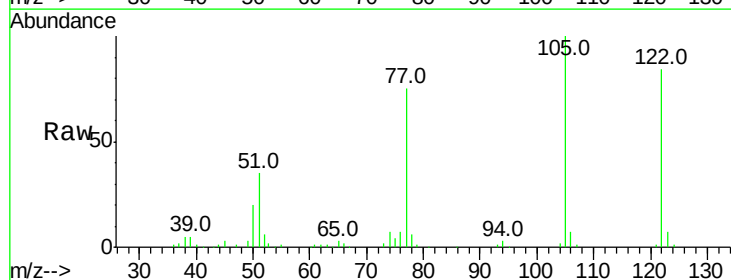
Tgt Ion:122 Resp: 271960

Ion Ratio Lower Upper

122 100

105 119.4 103.3 143.3

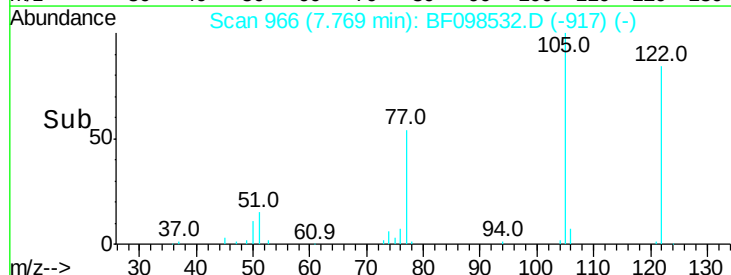
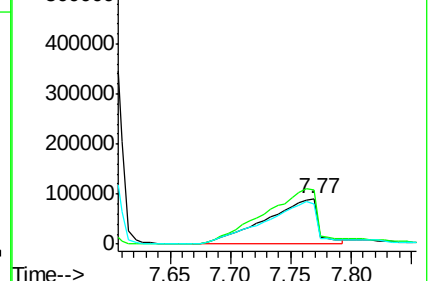
77 89.1 73.7 113.7

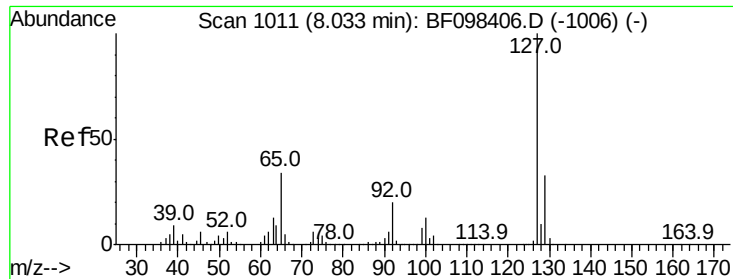


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





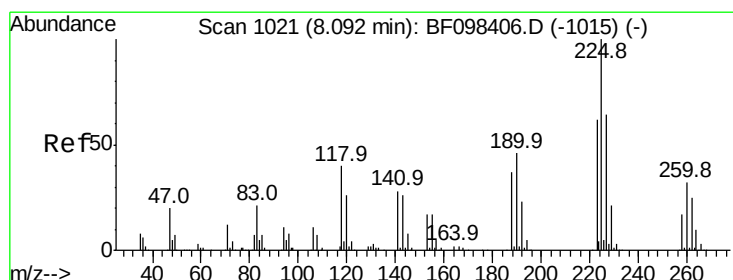
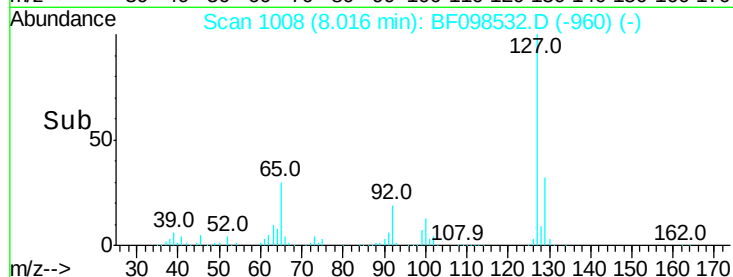
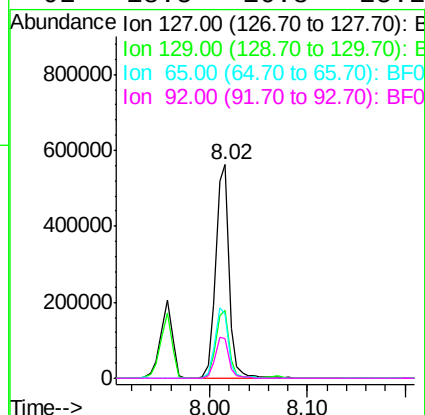
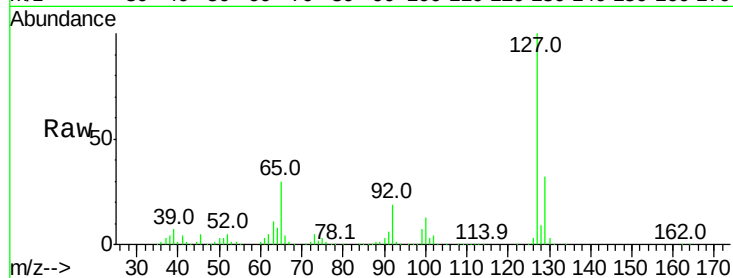
#33
4-Chloroaniline
Concen: 39.693 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	26.2	39.2	
65	30.1	27.8	41.8	
92	18.5	16.8	25.2	

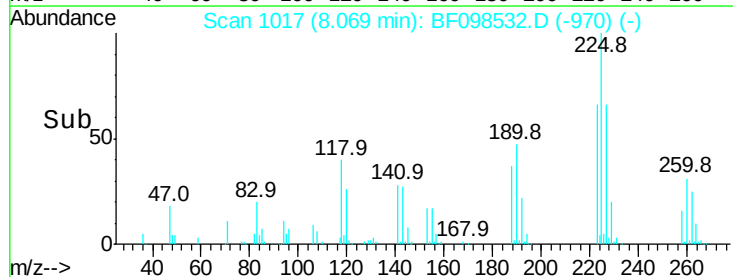
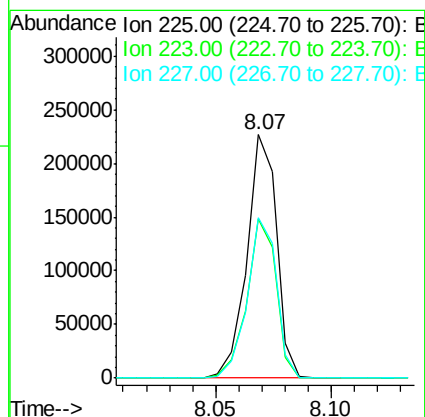
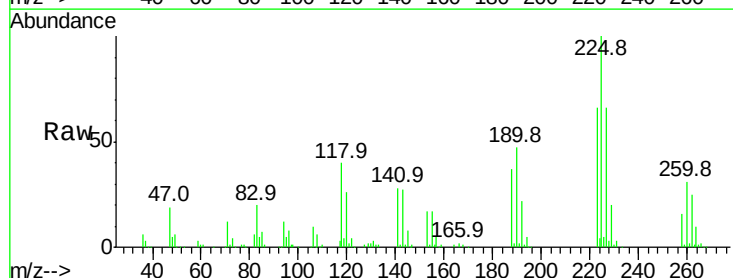
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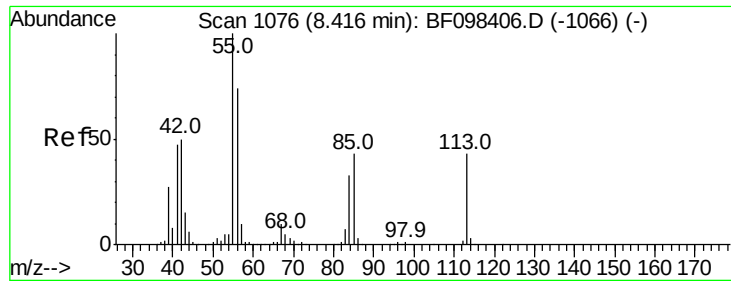
Sohil
9/15/2017 5:43:42 PM



#34
Hexachlorobutadiene
Concen: 41.546 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.5	48.8	73.2	
227	66.0	51.1	76.7	





#35

Caprolactam

Concen: 38.779 ng

RT: 8.40 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

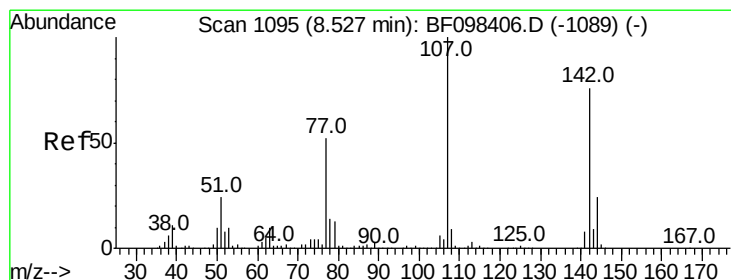
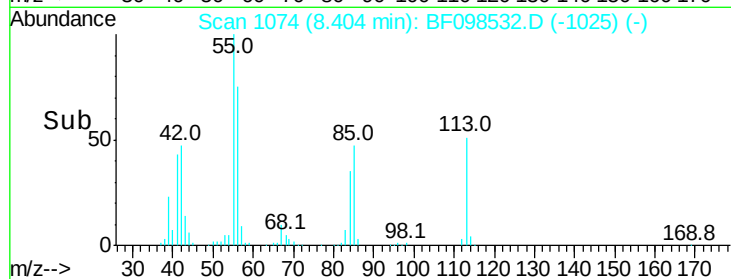
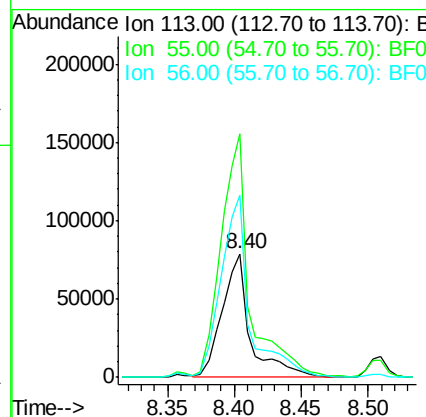
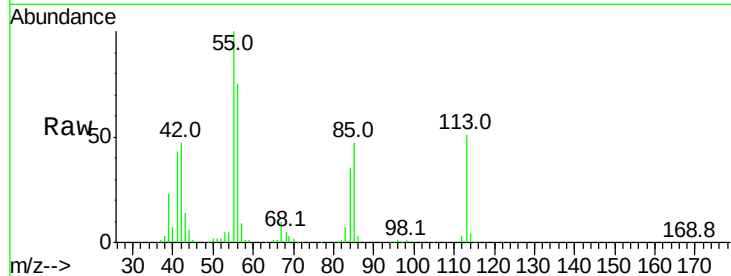
ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 117504
 Ion Ratio Lower Upper
 113 100
 55 197.1 150.2 190.2#
 56 147.3 107.8 147.8

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 39.464 ng

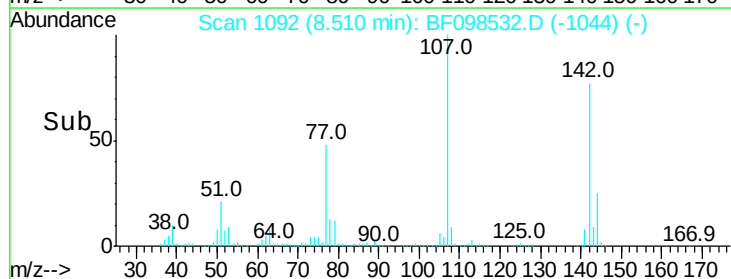
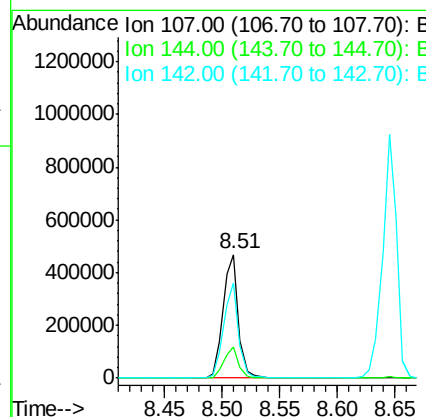
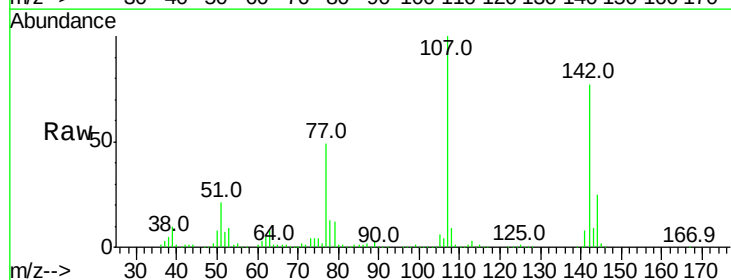
RT: 8.51 min Scan# 1092

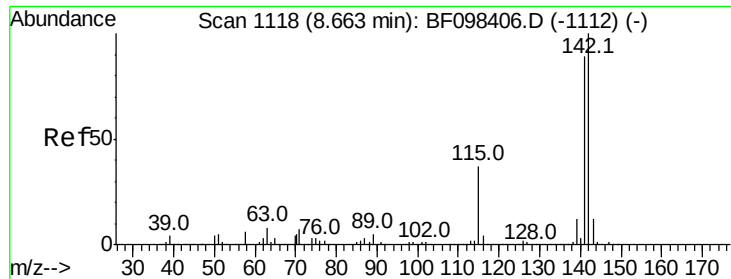
Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Tgt Ion:107 Resp: 430053
 Ion Ratio Lower Upper
 107 100
 144 24.9 24.2 36.4
 142 77.4 73.4 110.0





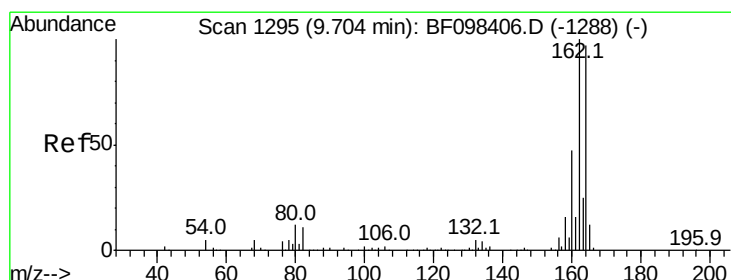
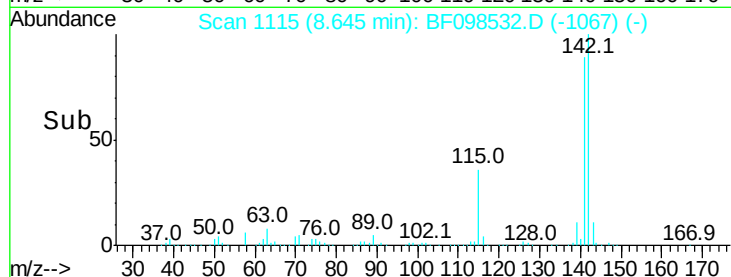
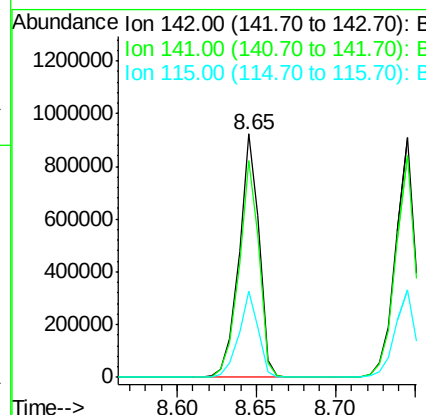
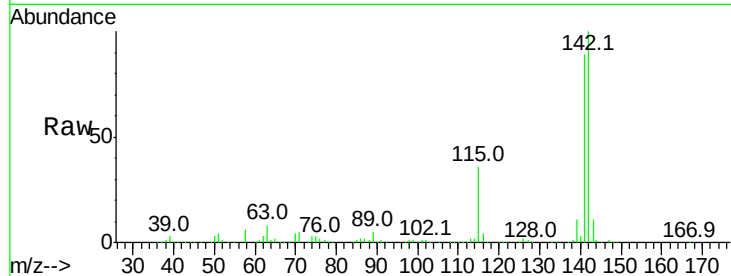
#37
 2-Methylnaphthalene
 Concen: 39.871 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	802126		
141	89.1	71.3	106.9	
115	35.5	27.1	40.7	

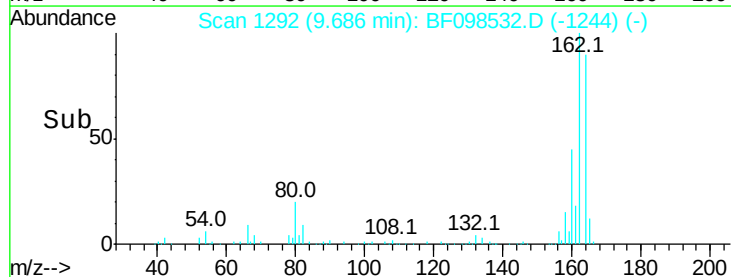
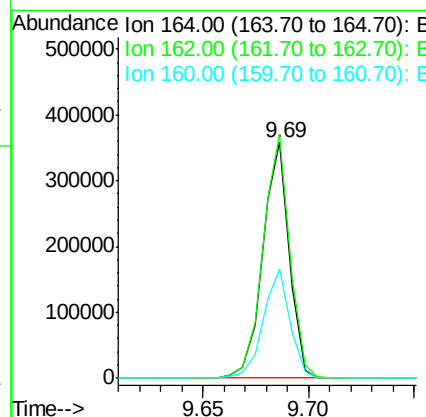
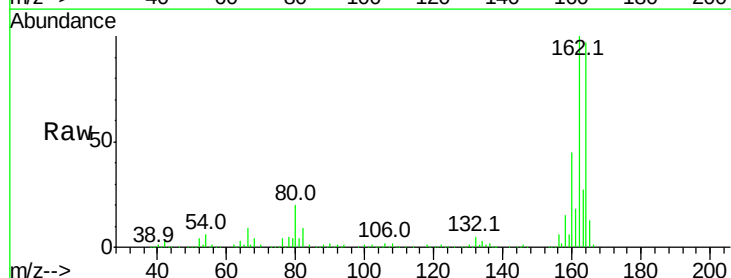
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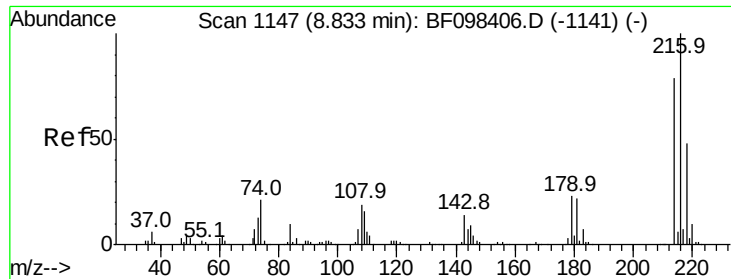
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	310844		
162	103.3	82.6	123.8	
160	46.5	36.2	54.2	





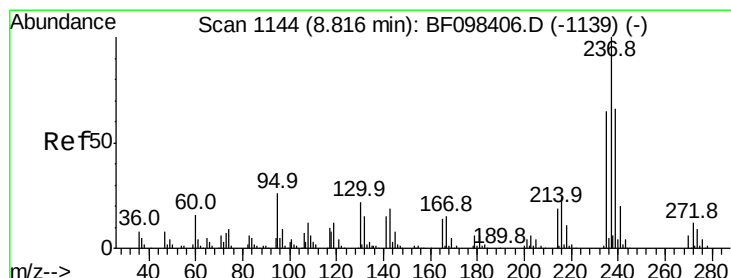
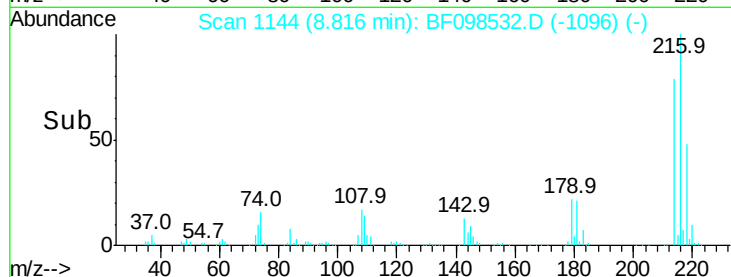
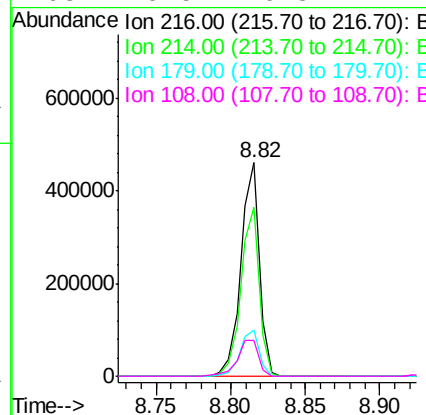
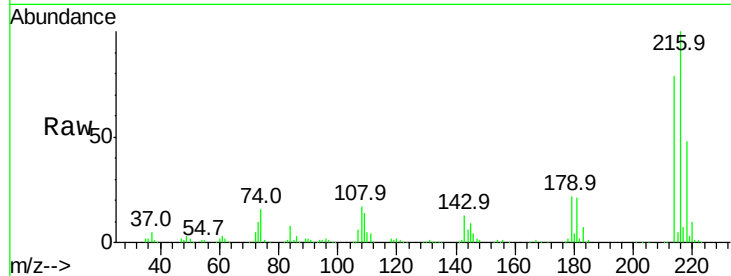
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.411 ng
 RT: 8.82 min Scan# 1144
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	400968		
214	78.8	63.4	95.2	
179	22.6	17.9	26.9	
108	19.5	16.5	24.7	

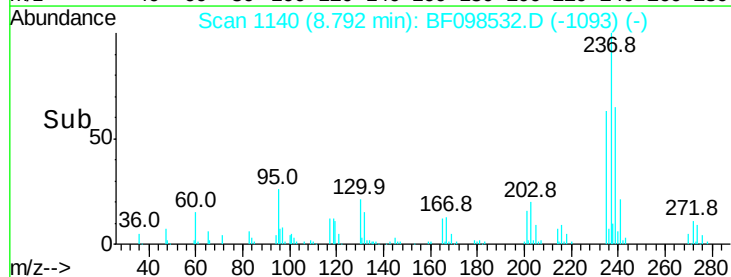
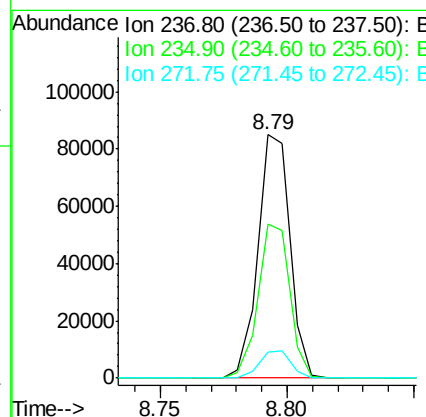
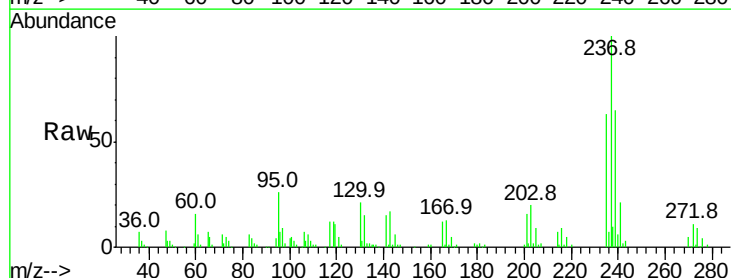
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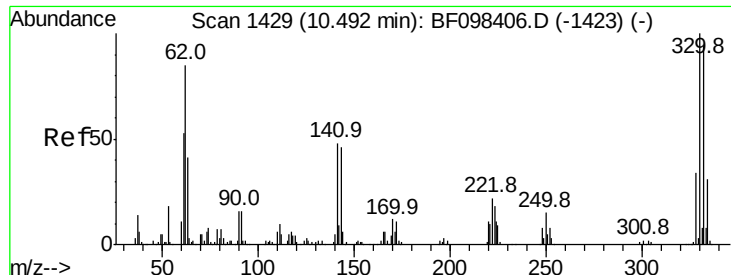
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 33.131 ng
 RT: 8.79 min Scan# 1140
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	75325		
235	63.4	42.6	82.6	
272	10.6	0.0	31.9	





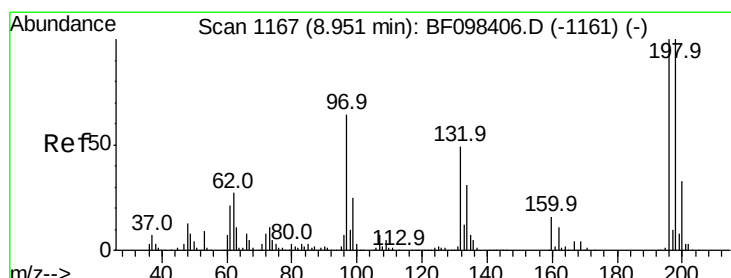
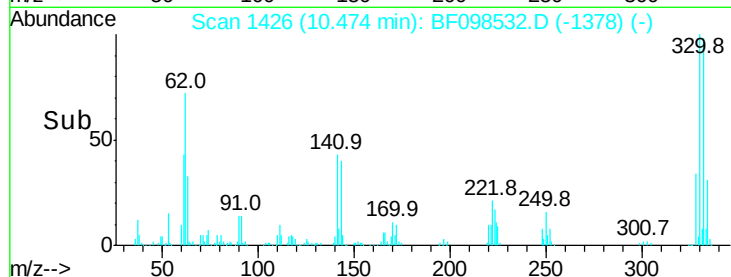
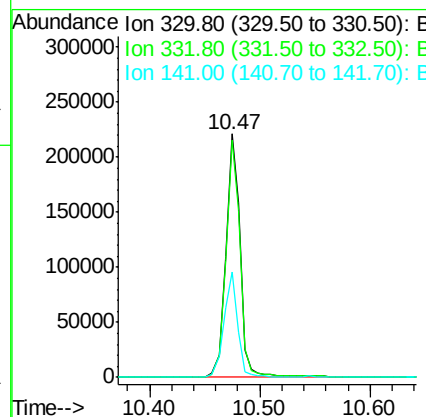
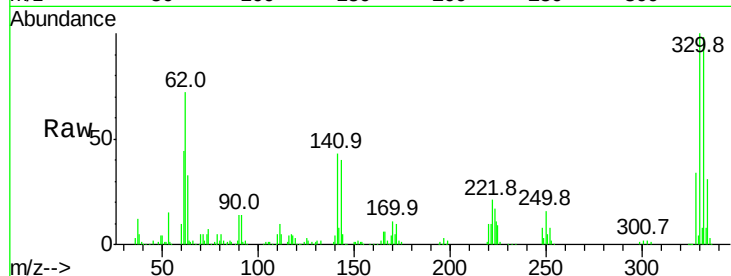
#41
 2,4,6-Tribromophenol
 Concen: 96.807 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	76.6	115.0	
141	41.4	31.4	47.2	

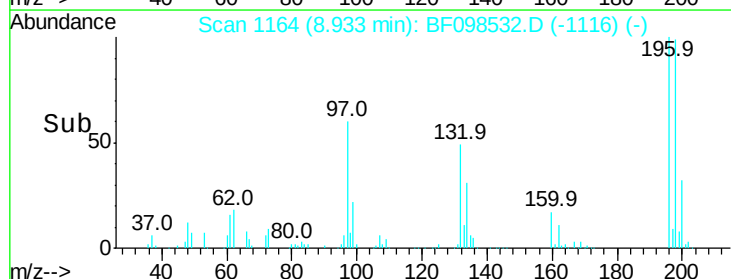
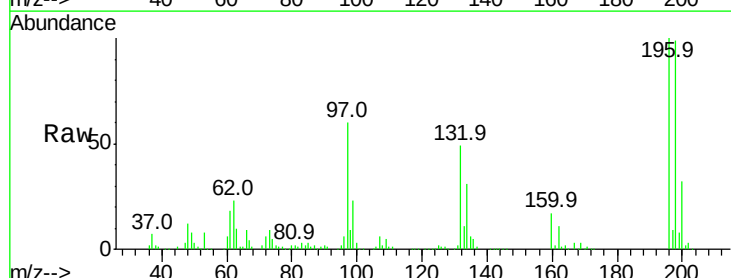
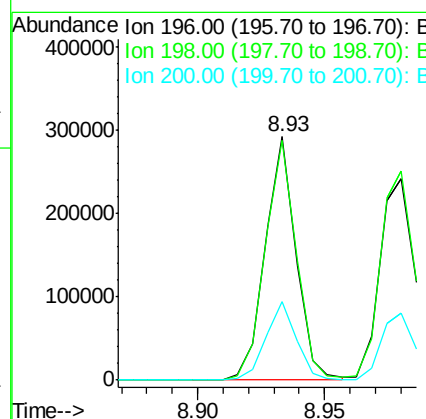
Manual Integrations
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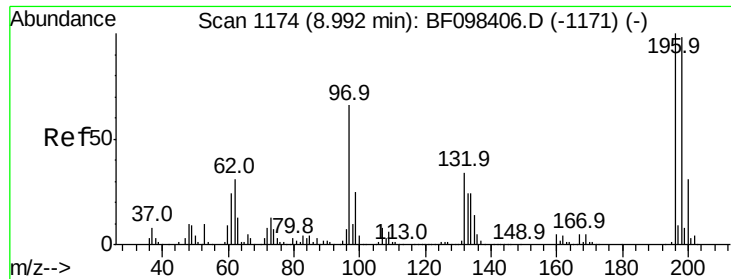
Sohil
 9/15/2017 5:43:42 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.473 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	98.6	74.2	111.4	
200	32.2	24.0	36.0	





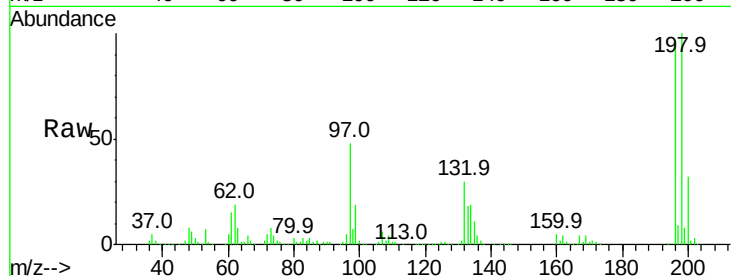
#43
 2,4,5-Trichlorophenol
 Concen: 42.590 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

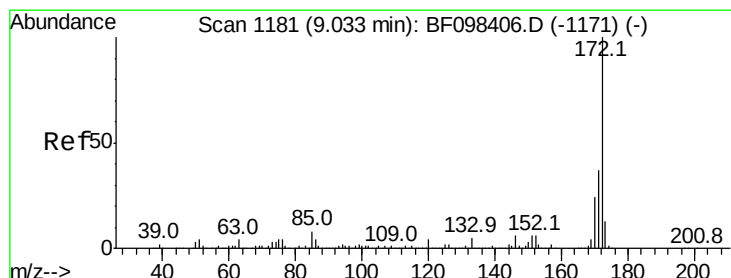
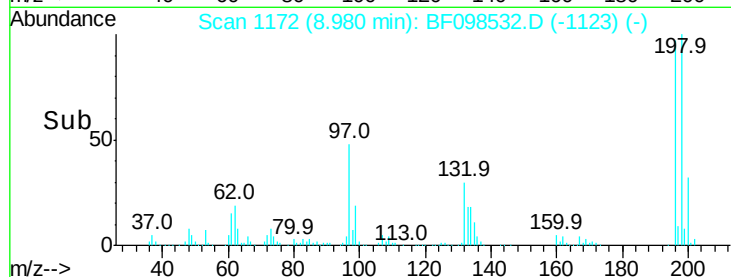
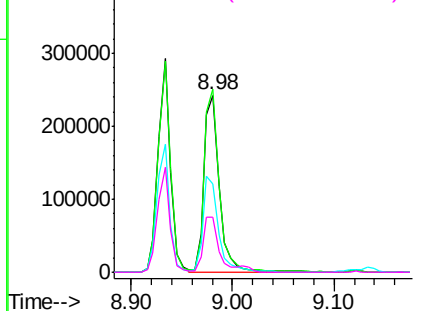
Tot Ion:	196	Resp:	253178
Ion Ratio	Lower	Upper	
196	100		
198	103.4	75.7	113.5
97	49.9	47.7	71.5
132	30.9	28.0	42.0

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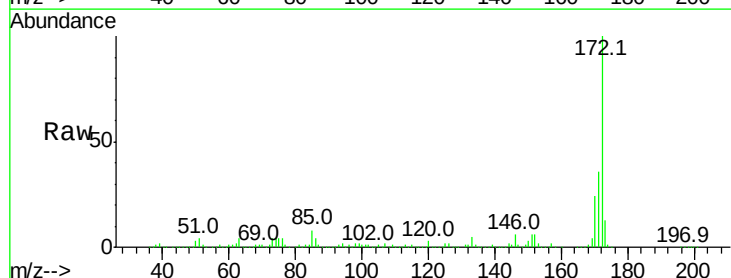


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

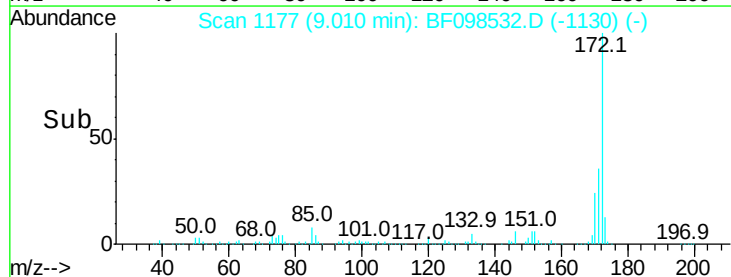
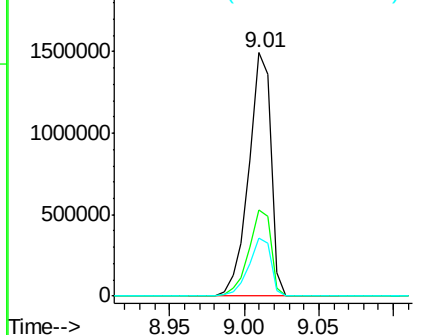


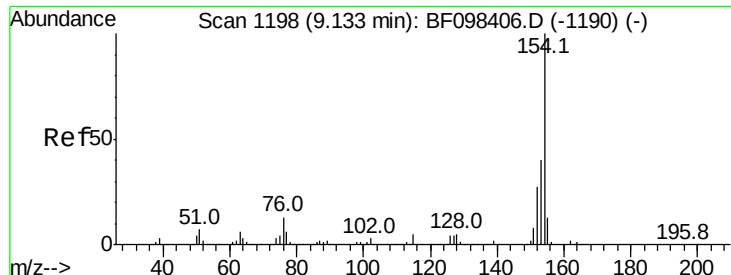
#44
 2-Fluorobiphenyl
 Concen: 83.276 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Tgt Ion:	172	Resp:	1527257
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.6	44.4
170	23.9	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





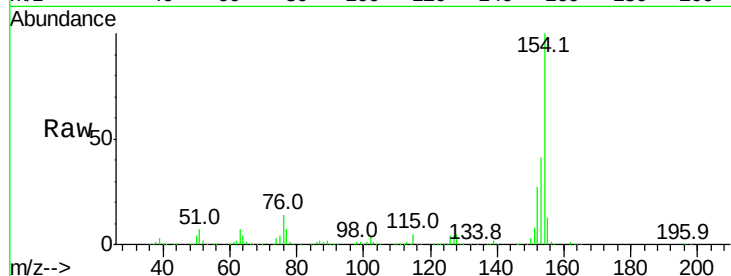
#45
 1,1'-Biphenyl
 Concen: 39.073 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

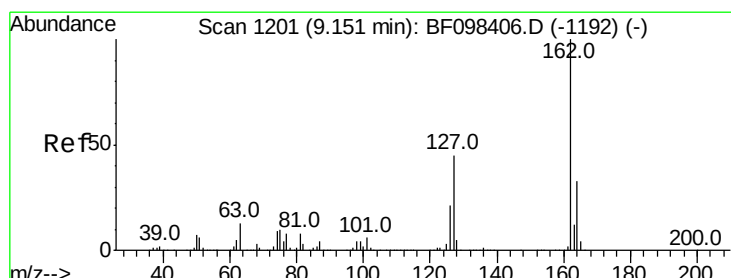
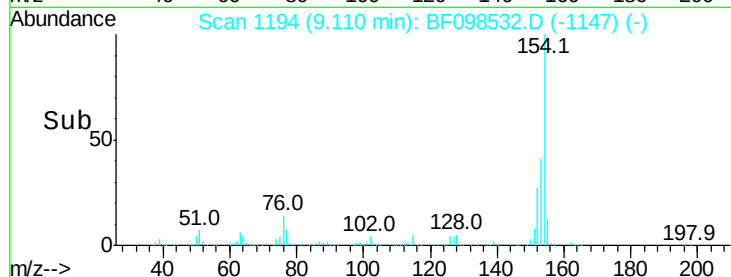
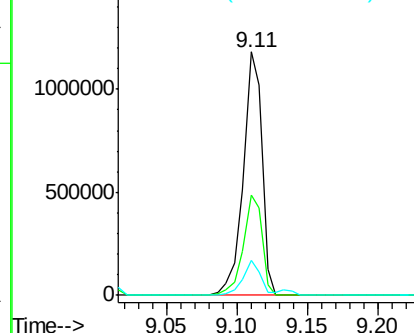
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	14.2	0.0	29.9

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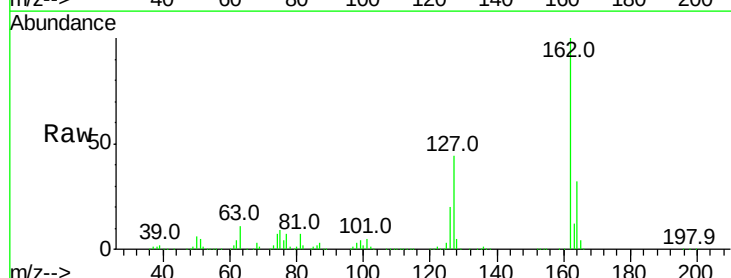


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

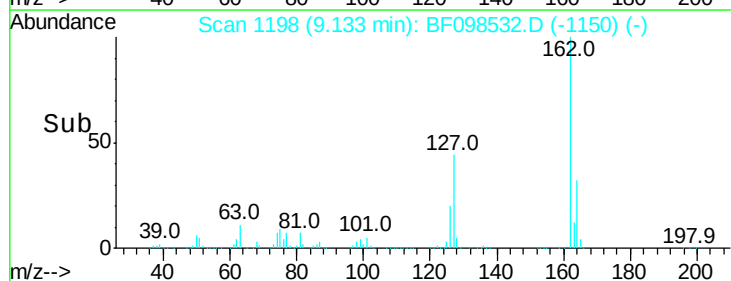
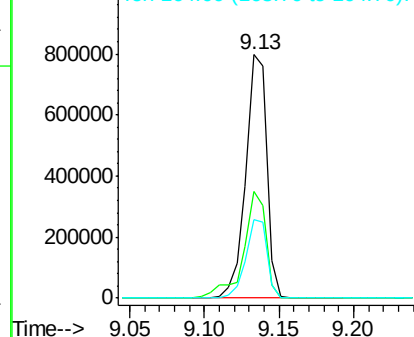


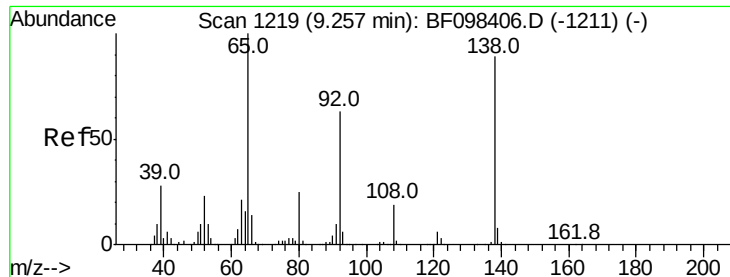
#46
 2-Chloronaphthalene
 Concen: 39.272 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.0	28.3	42.5#
164	32.4	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: 36.388 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

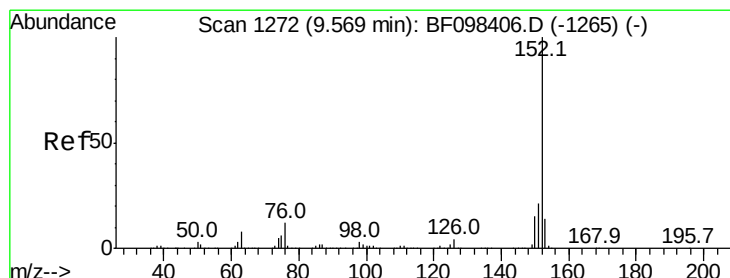
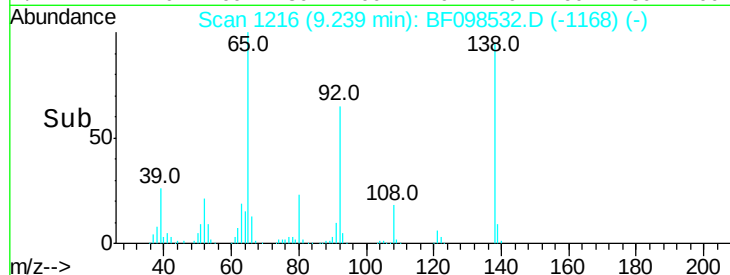
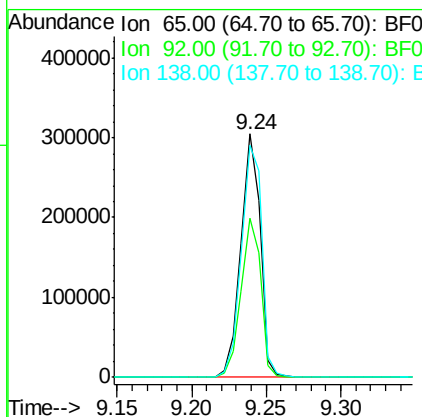
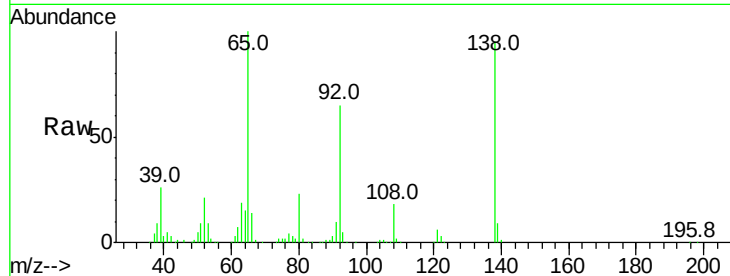
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	277512
Ion Ratio	Lower	Upper	
65	100		
92	65.2	53.9	80.9
138	95.2	78.8	118.2

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#48

Acenaphthylene

Concen: 39.104 ng

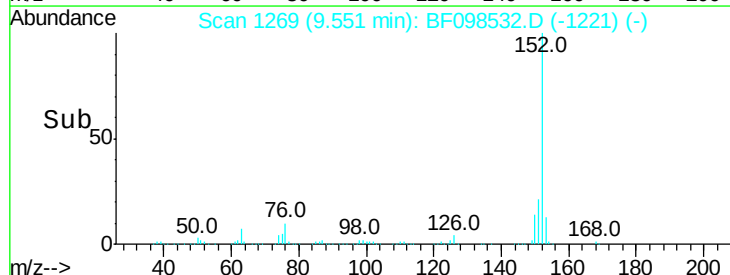
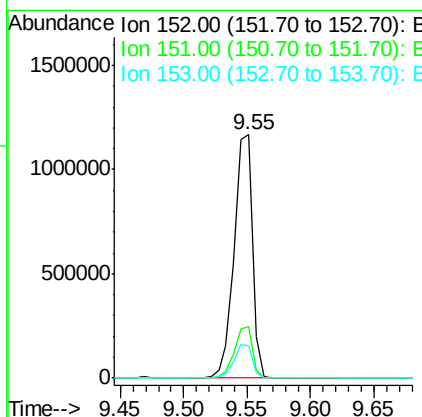
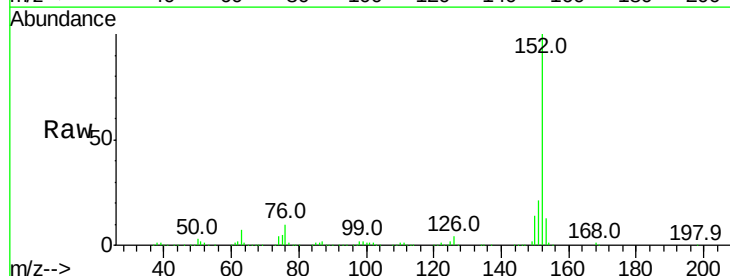
RT: 9.55 min Scan# 1269

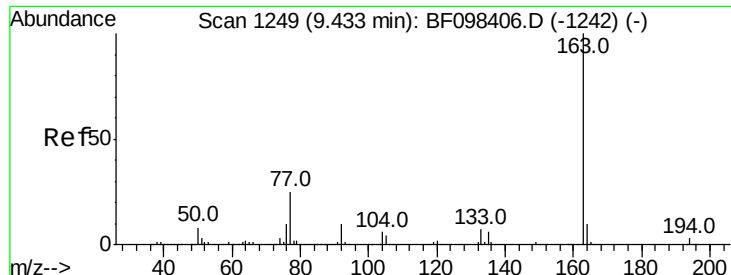
Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Tgt Ion:	152	Resp:	1155288
Ion Ratio	Lower	Upper	
152	100		
151	21.0	16.8	25.2
153	13.4	10.8	16.2





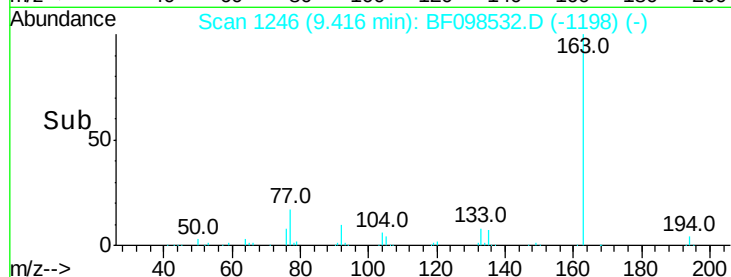
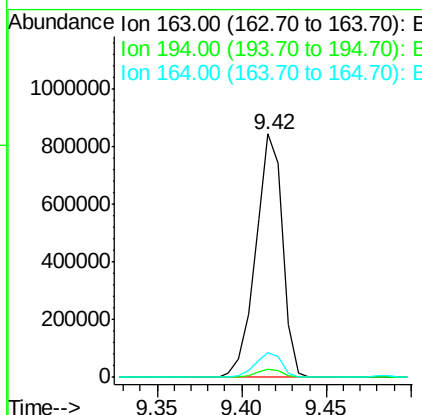
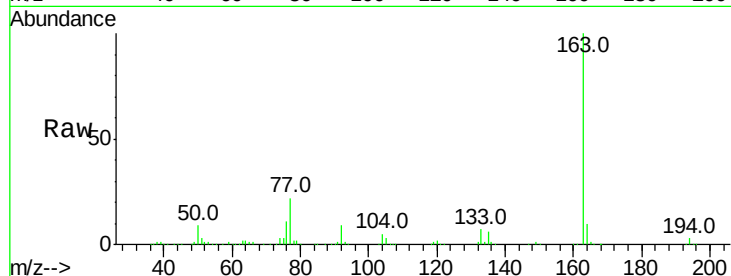
#49
Dimethylphthalate
Concen: 38.622 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.4	8.4	12.6	

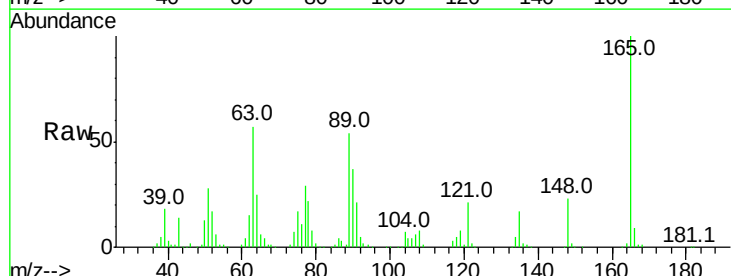
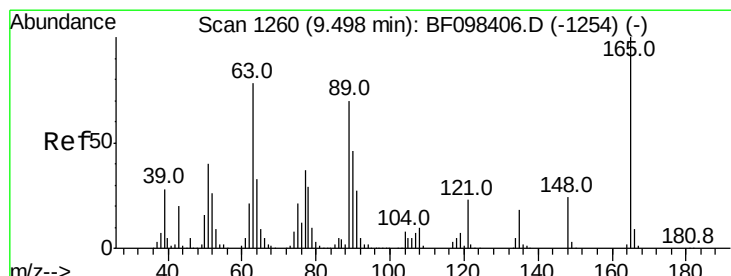
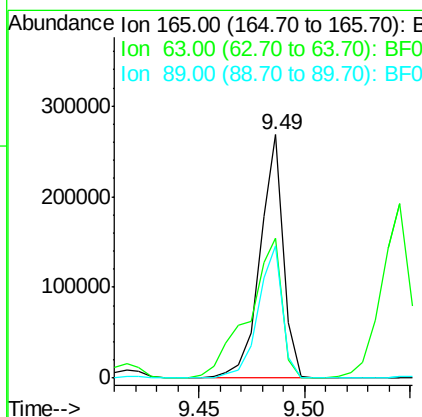
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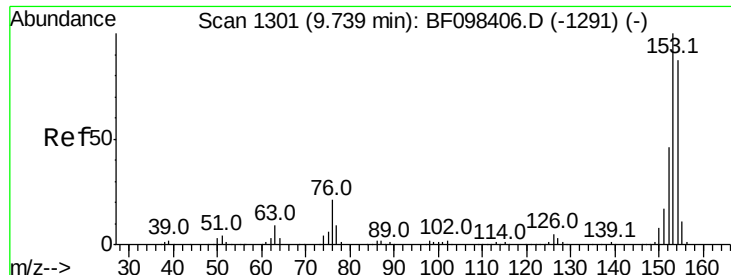
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#50
2,6-Dinitrotoluene
Concen: 41.516 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	57.3	34.3	51.5#	
89	54.3	37.1	55.7	





#51

Acenaphthene

Concen: 39.078 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

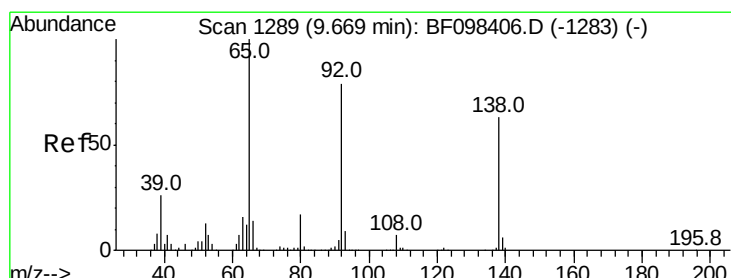
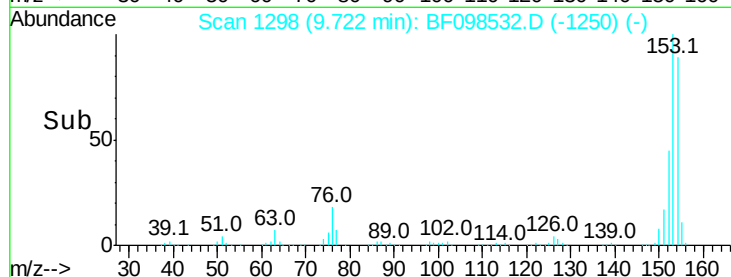
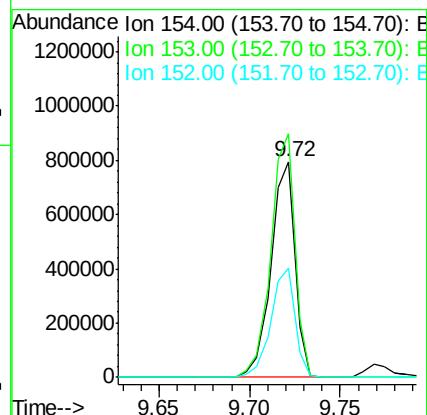
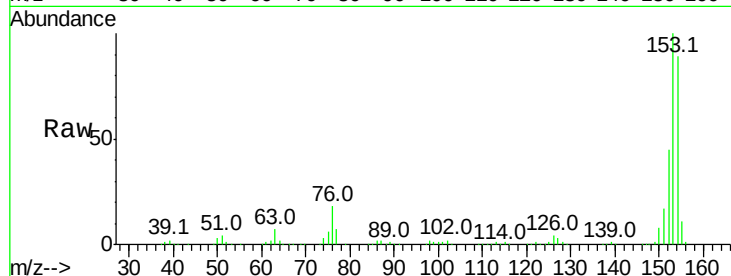
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	733881
Ion Ratio	Lower	Upper	
154	100		
153	112.9	90.5	135.7
152	50.4	43.6	65.4

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#52

3-Nitroaniline

Concen: 39.915 ng

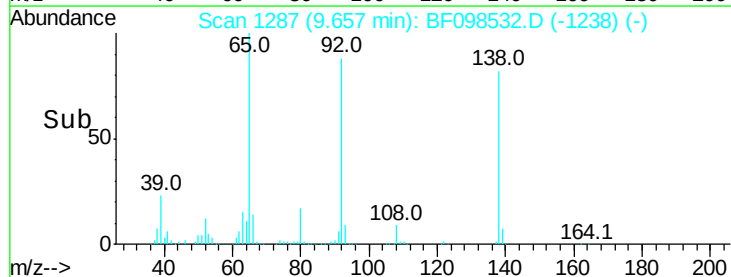
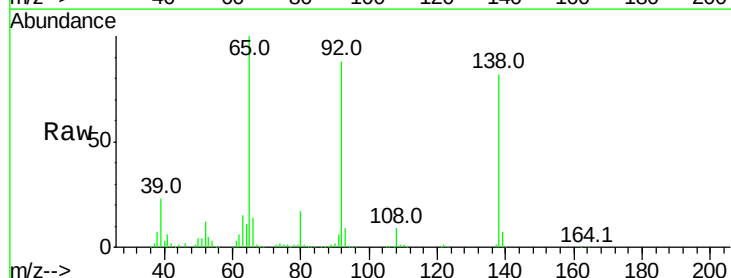
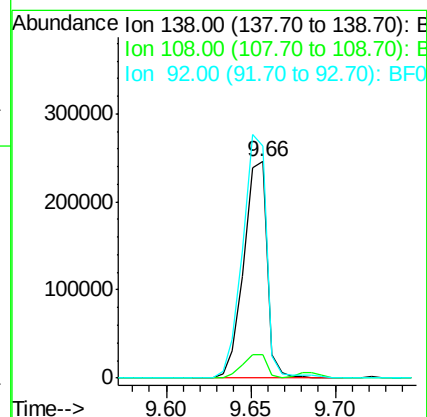
RT: 9.66 min Scan# 1287

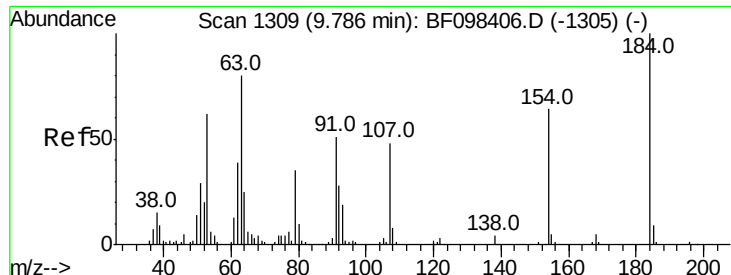
Delta R.T. -0.01 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Tgt Ion:	138	Resp:	238144
Ion Ratio	Lower	Upper	
138	100		
108	10.6	9.1	13.7
92	107.3	93.8	140.6





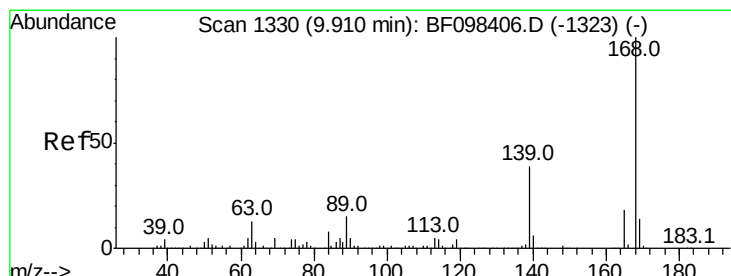
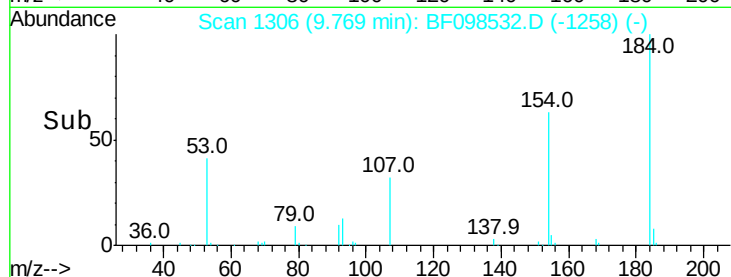
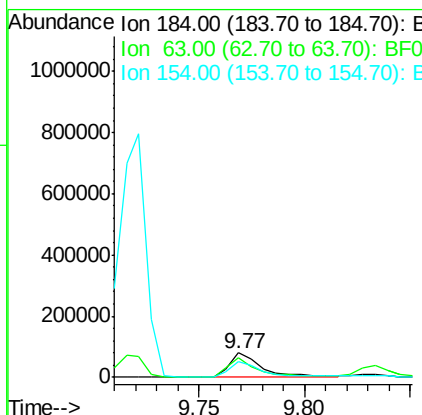
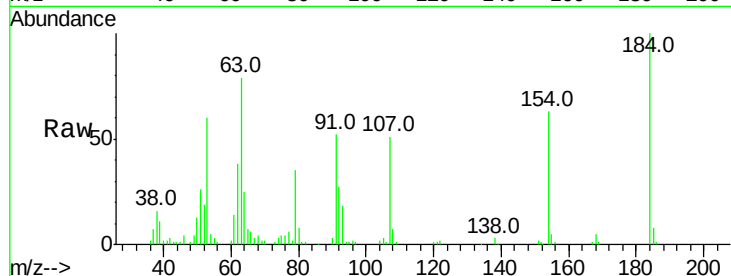
#53
 2,4-Dinitrophenol
 Concen: 42.225 ng
 RT: 9.77 min Scan# 1306
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	88127		
63	79.0	62.7	94.1	
154	63.4	81.1	121.7	

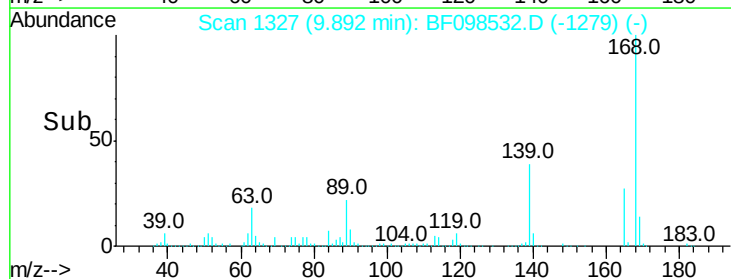
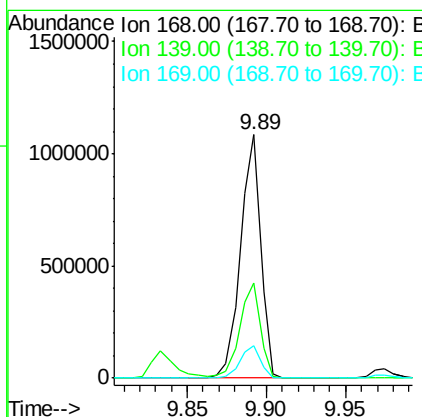
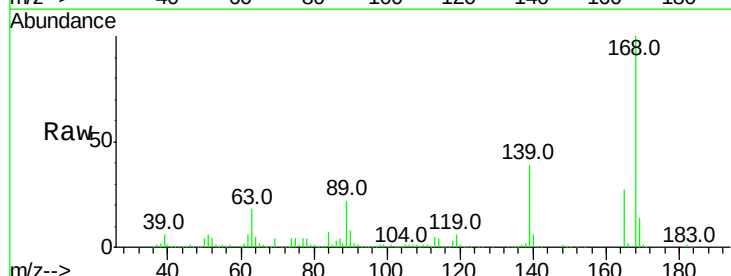
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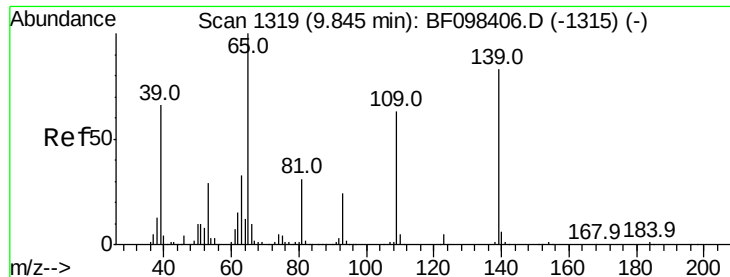
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#54
 Dibenzofuran
 Concen: 38.749 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	958669		
139	38.9	30.6	45.8	
169	13.6	10.8	16.2	





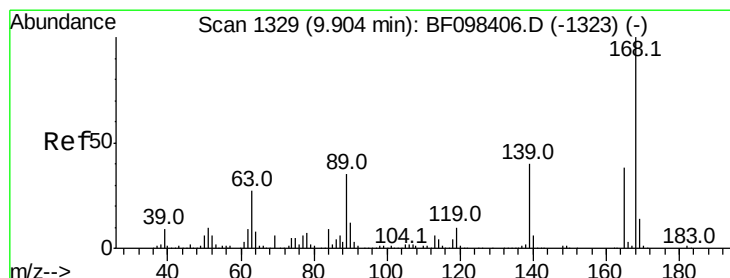
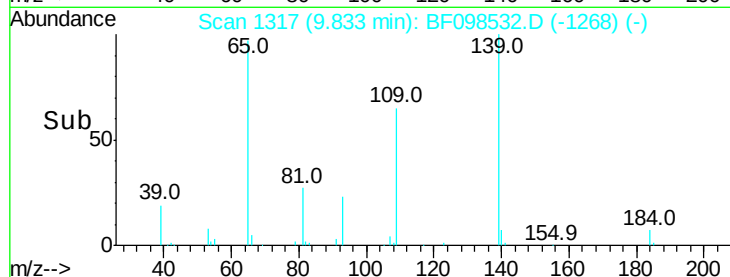
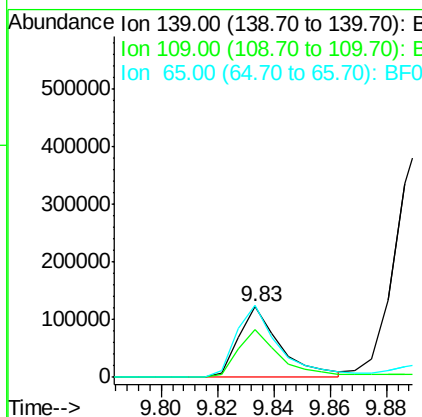
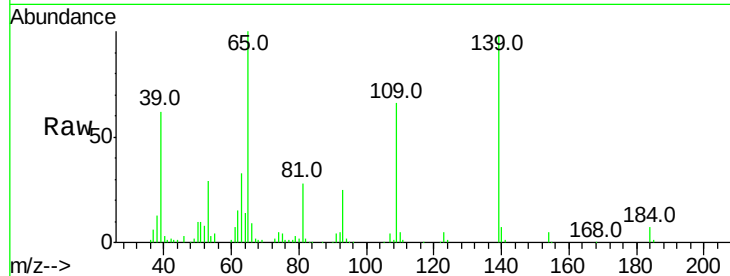
#55
4-Nitrophenol
Concen: 36.671 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	67.4	34.1	74.1	
65	102.2	31.4	71.4	

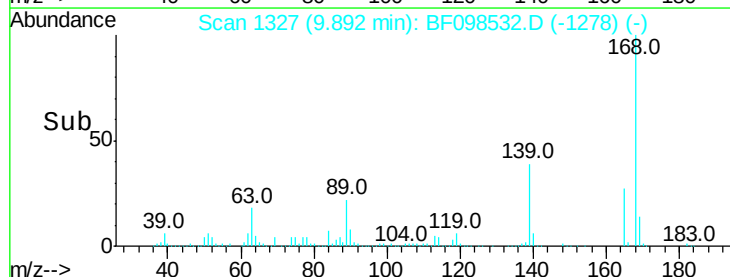
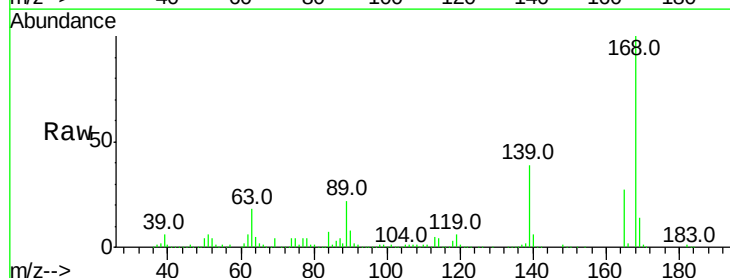
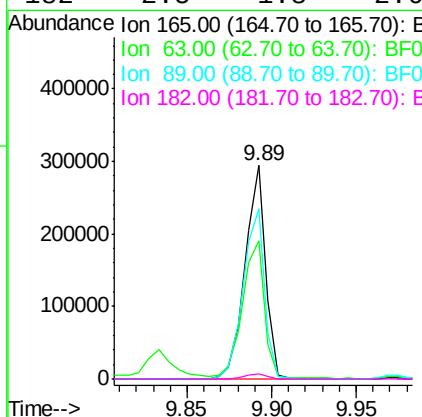
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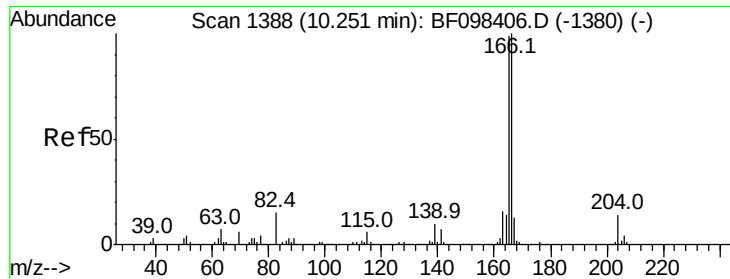
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#56
2,4-Dinitrotoluene
Concen: 41.658 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.7	25.4	38.0	
89	79.7	46.4	69.6	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 39.315 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 805088

Ion Ratio Lower Upper

166 100

165 98.8 78.8 118.2

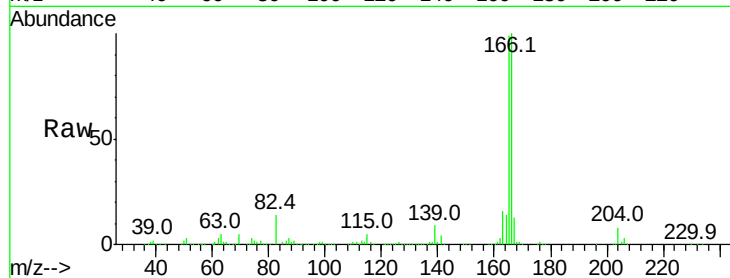
167 13.1 10.6 16.0

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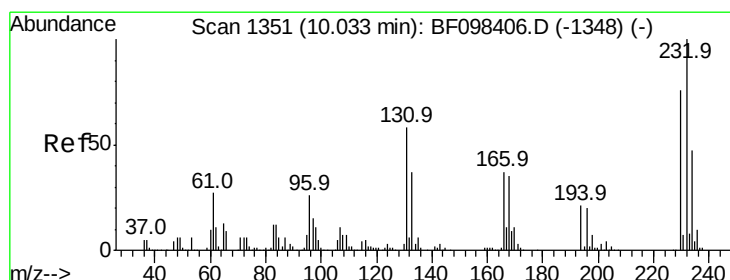
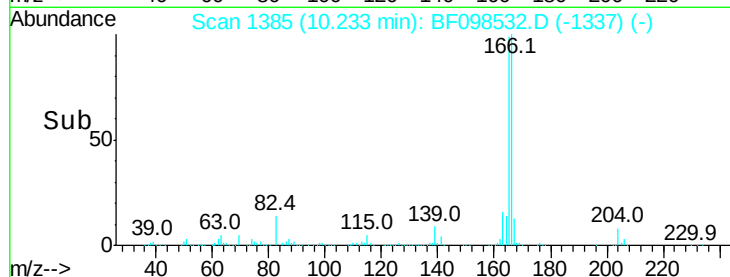
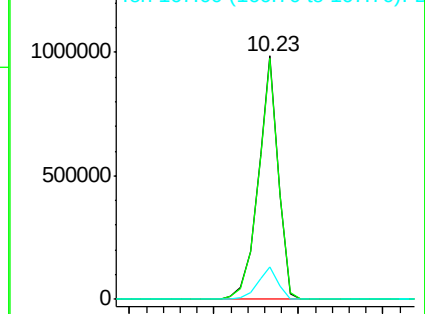
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.456 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Tgt Ion:232 Resp: 173608

Ion Ratio Lower Upper

232 100

131 51.2 44.8 67.2

130 2.5 2.3 3.5

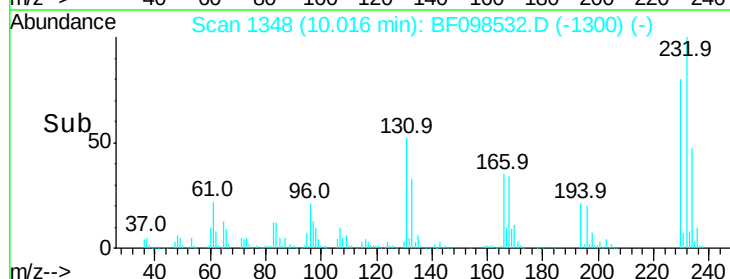
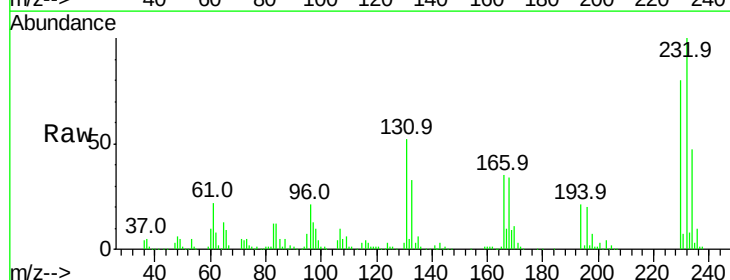
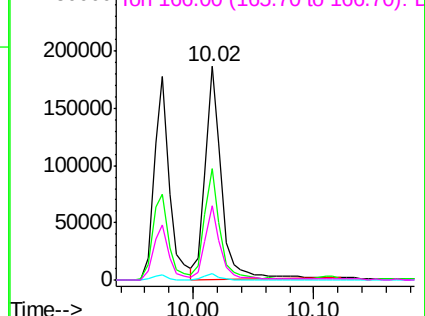
166 32.9 29.0 43.4

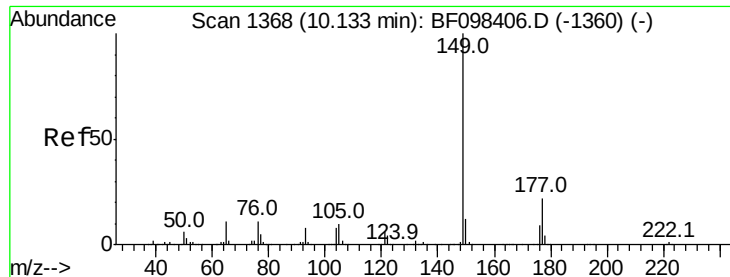
Abundance Ion 232.00 (231.70 to 232.70): E

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





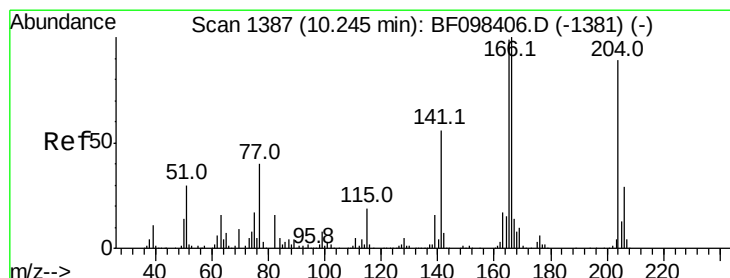
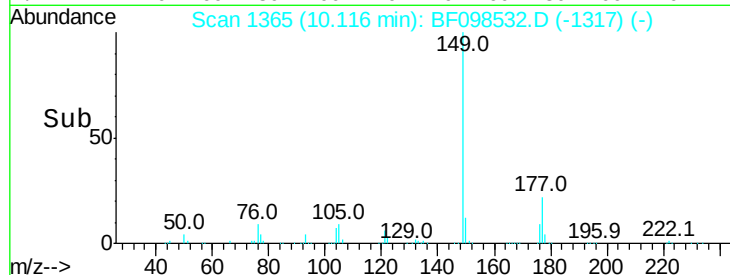
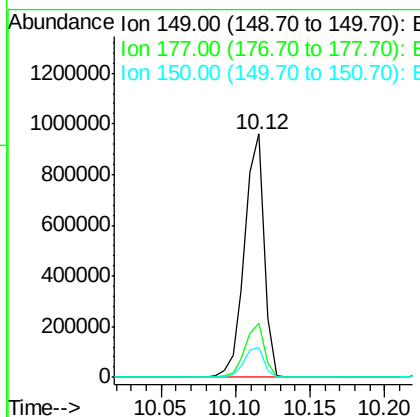
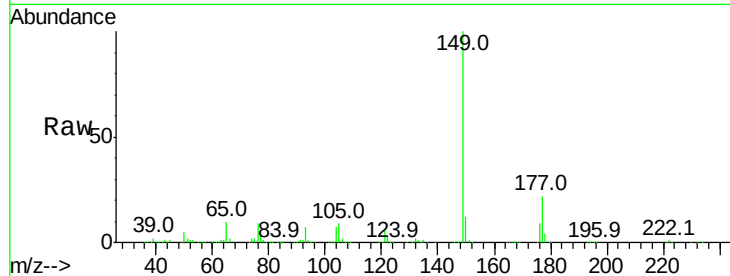
#59
Diethylphthalate
Concen: 38.144 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.7	25.1
150	12.3	10.2	15.2

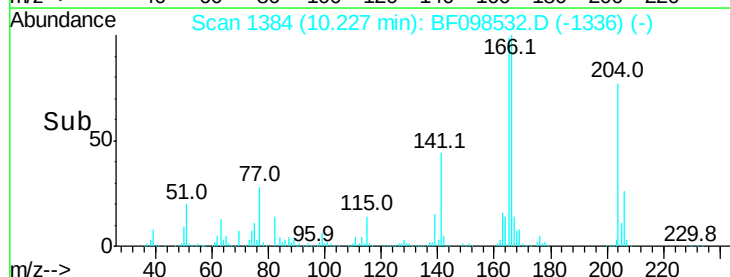
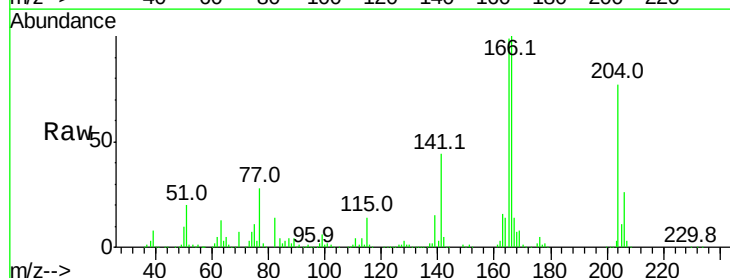
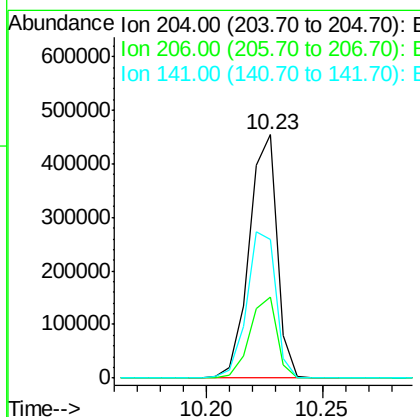
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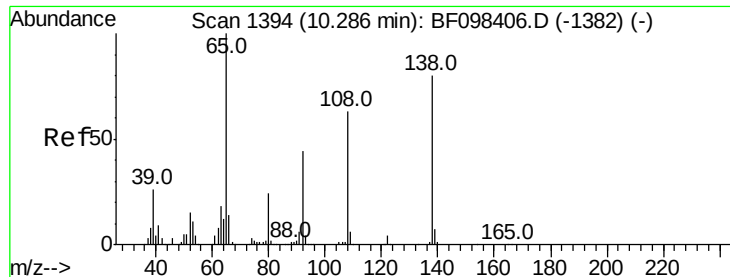
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 40.792 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.2
141	56.9	60.8	91.2#





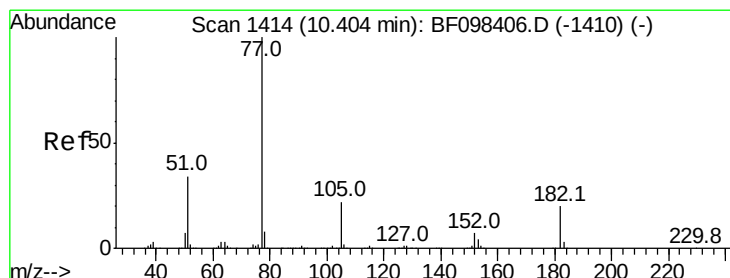
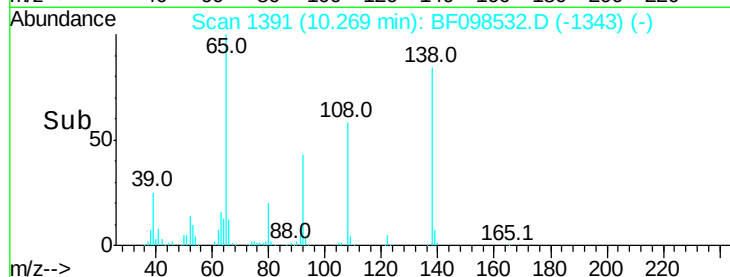
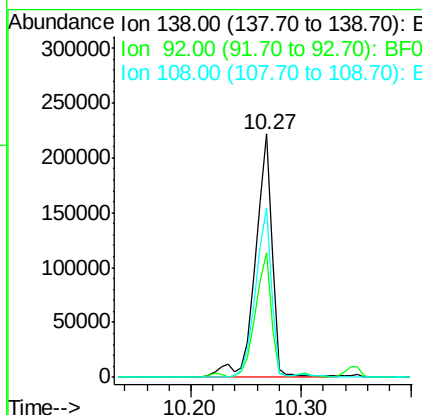
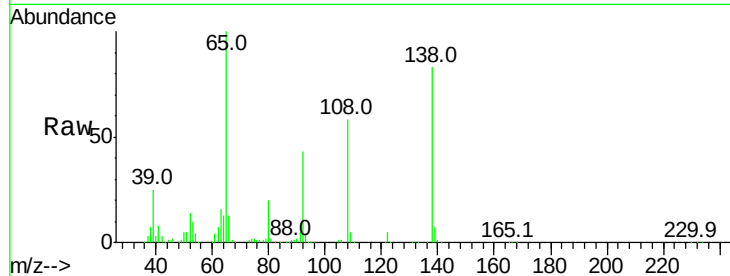
#61
4-Nitroaniline
Concen: 39.584 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100	238507		
92	51.1	21.8	61.8	
108	69.6	42.3	82.3	

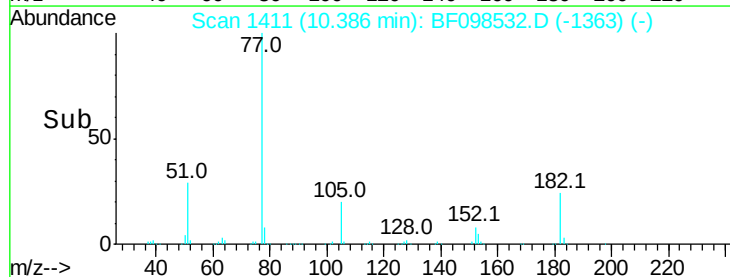
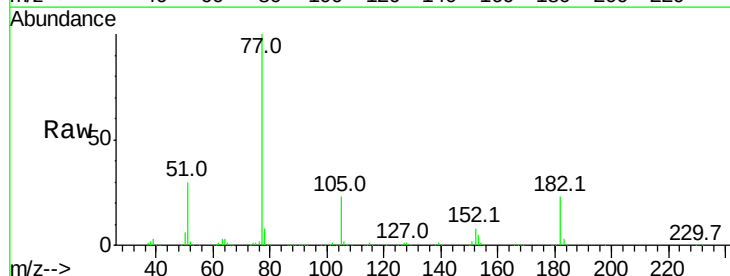
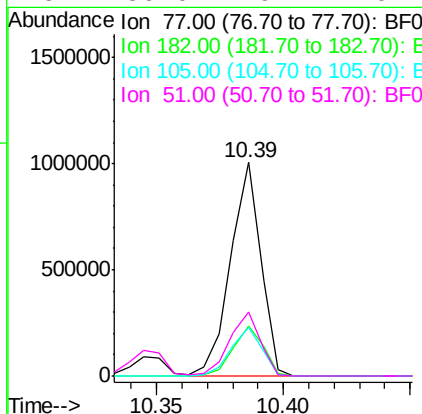
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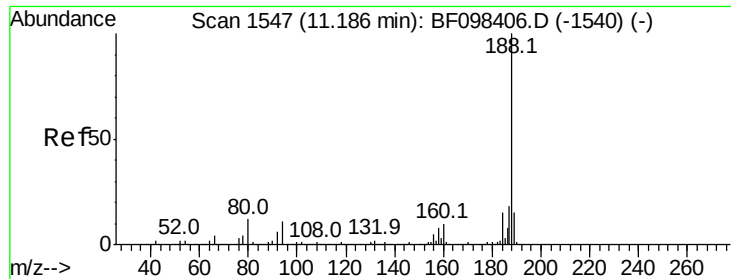
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#62
Azobenzene
Concen: 33.822 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	834161		
182	23.4	0.1	40.1	
105	22.8	3.6	43.6	
51	30.0	9.4	49.4	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.16 min Scan# 1543

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

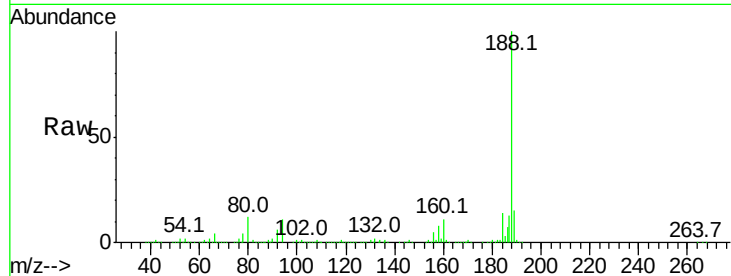
ClientSampleId :

SSTDCCC040

Tot Ion:188	Resp:	585549
Ion Ratio	Lower	Upper
188 100		
94 11.4	9.4	14.2
80 11.6	10.2	15.2

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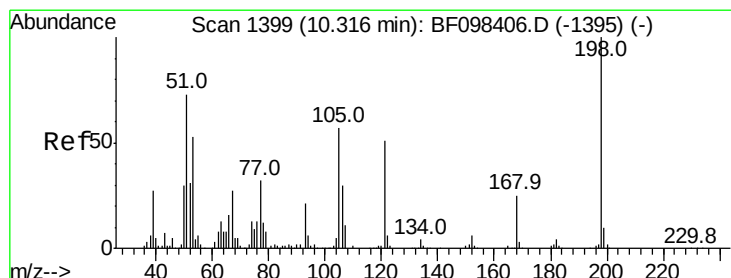
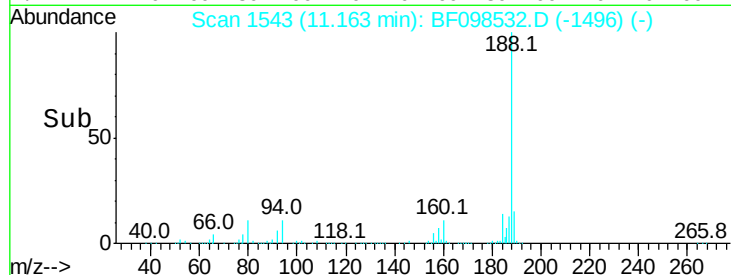


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time--> 11.10 11.15 11.20



#64

4,6-Dinitro-2-methylphenol

Concen: 42.640 ng

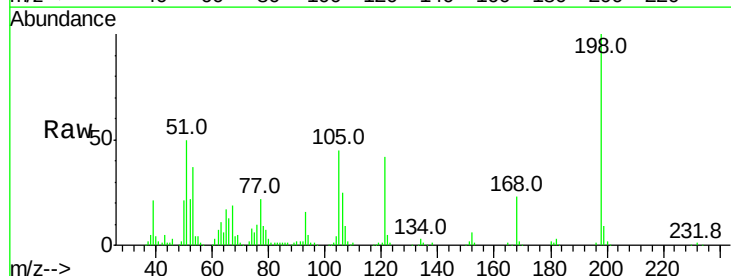
RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Tgt Ion:198	Resp:	150921
Ion Ratio	Lower	Upper
198 100		
51 49.5	53.2	93.2#
105 45.4	45.8	85.8#

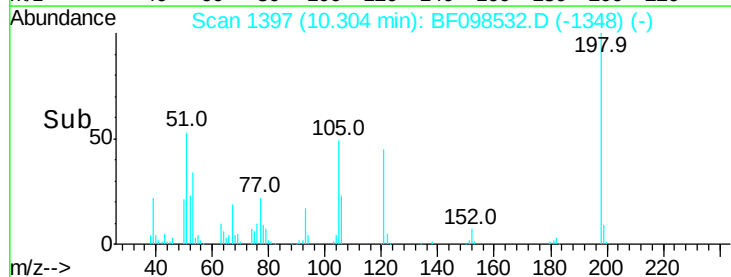


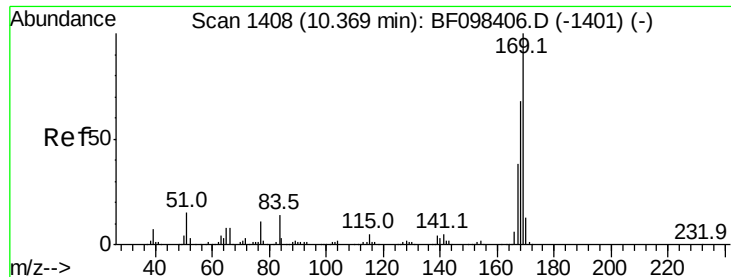
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

Time--> 10.30 10.40





#65

n-Nitrosodiphenylamine

Concen: 38.541 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

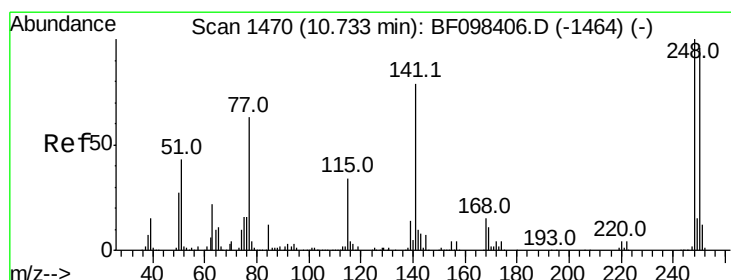
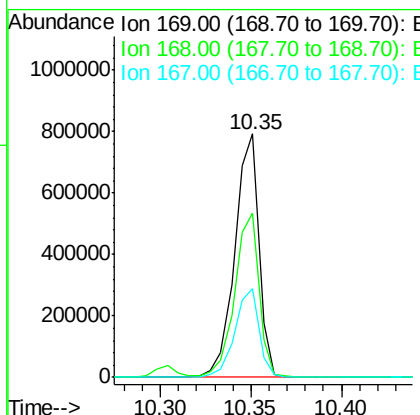
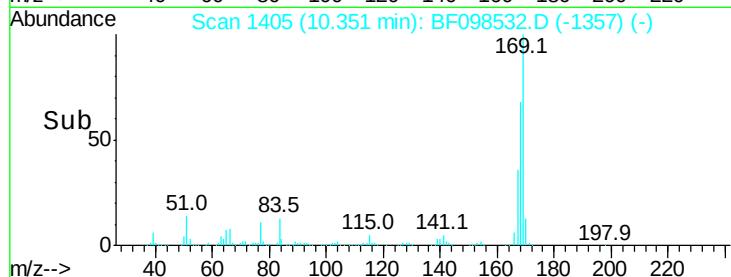
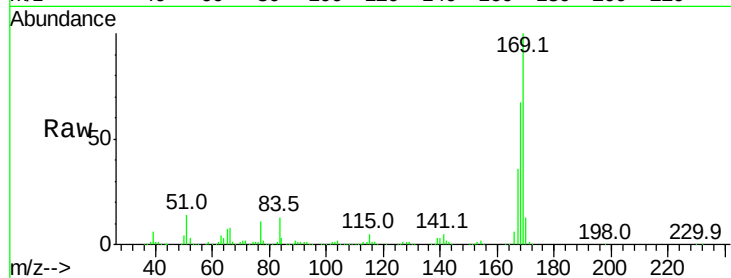
ClientSampled :

SSTDCCC040

Tot Ion:	169	Resp:	732781
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.2	79.8
167	36.2	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 41.069 ng

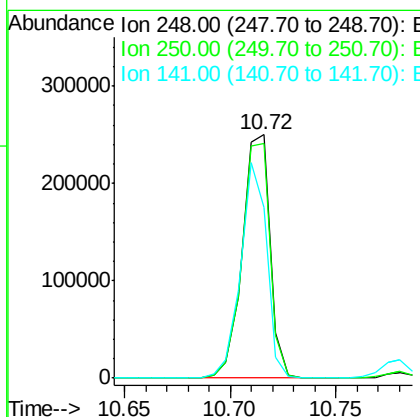
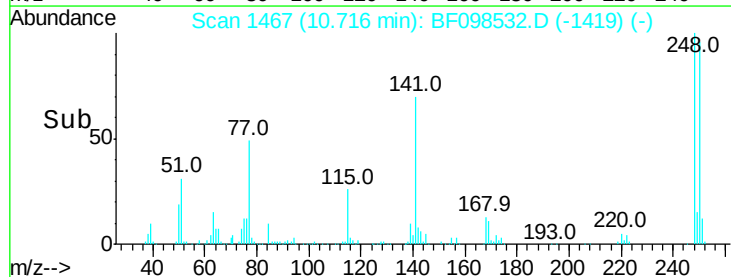
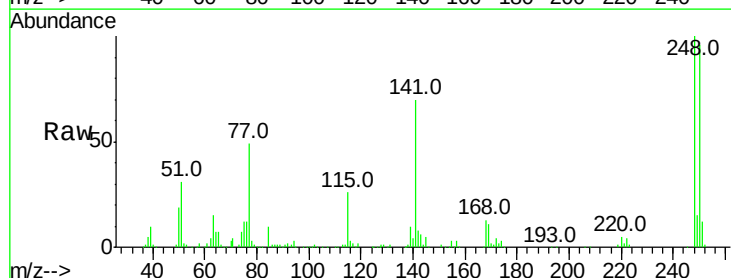
RT: 10.72 min Scan# 1467

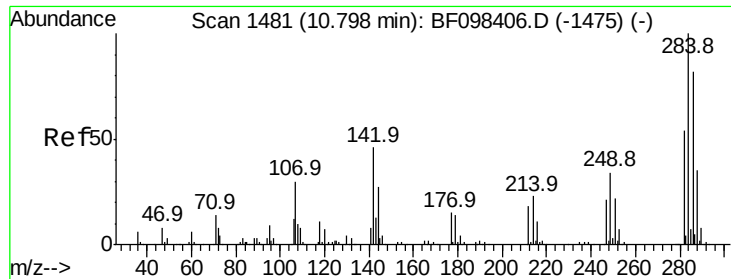
Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Tgt Ion:	248	Resp:	228234
Ion Ratio	Lower	Upper	
248	100		
250	96.1	76.8	115.2
141	70.2	68.6	103.0





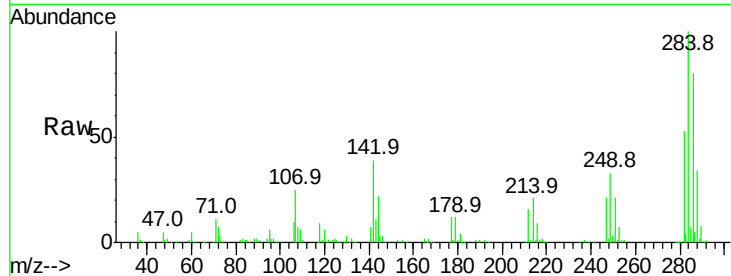
#67
Hexachlorobenzene
Concen: 43.047 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

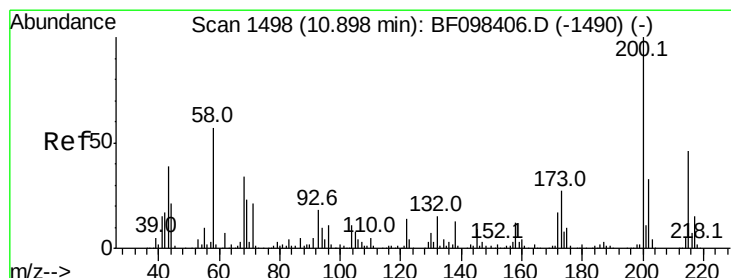
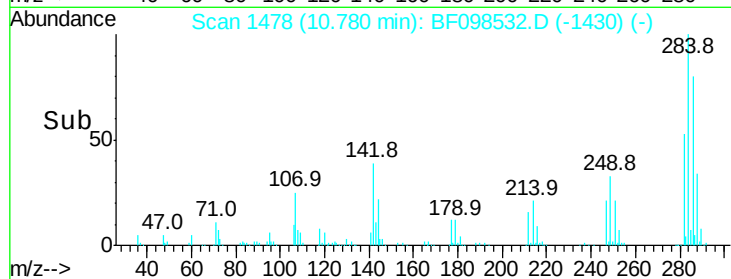
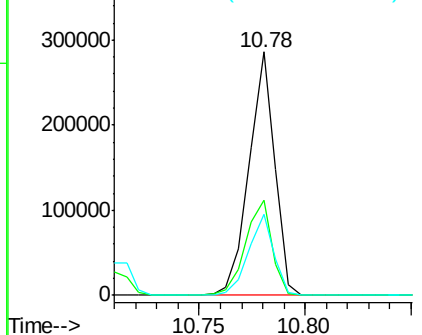
Tot Ion	Ratio	Resp	Lower	Upper
284	100	242657		
142	39.3	22.8	34.2#	
249	33.4	24.0	36.0	

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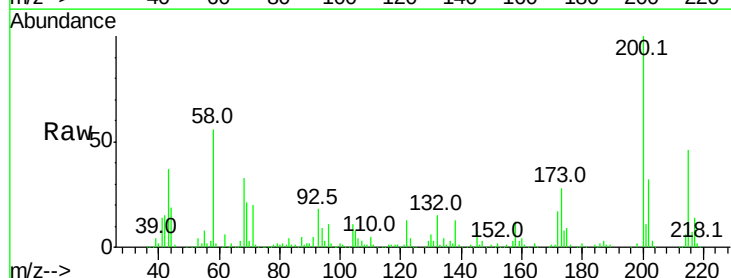


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

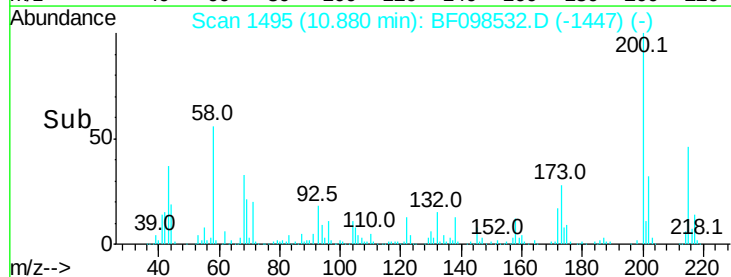
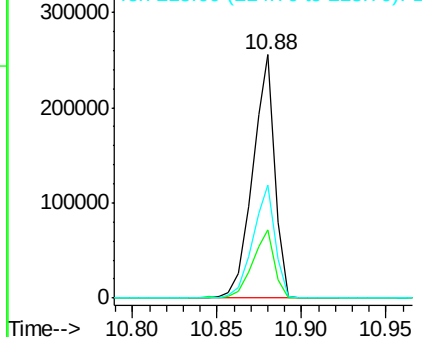


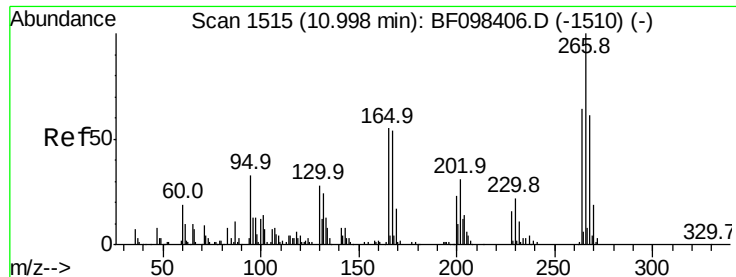
#68
Atrazine
Concen: 39.942 ng
RT: 10.88 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	233794		
173	28.0	6.3	46.3	
215	46.3	27.2	67.2	



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





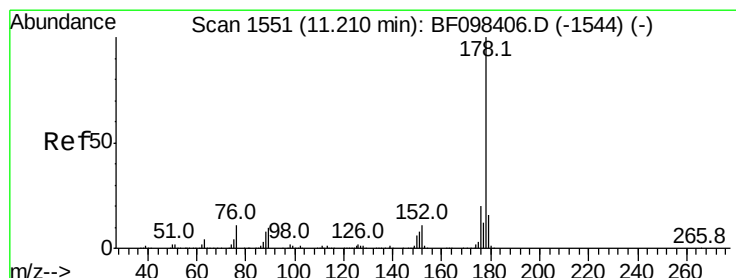
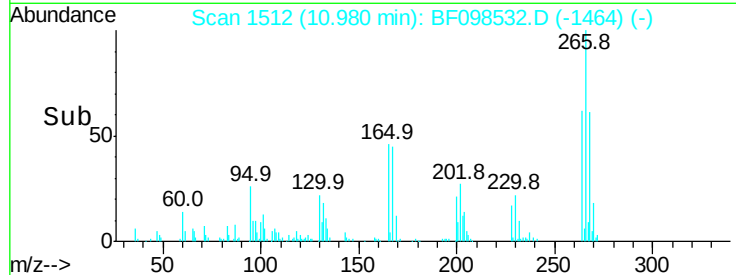
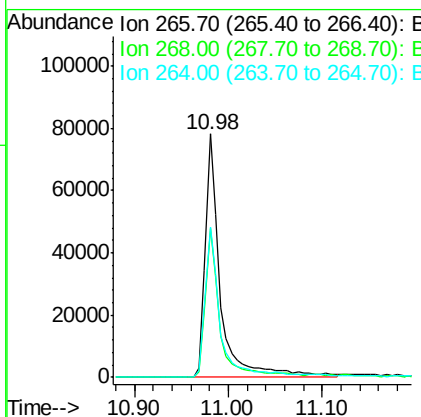
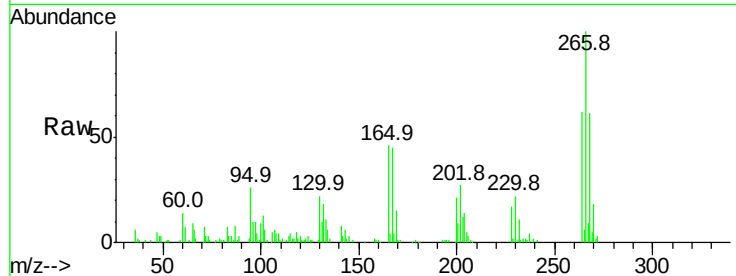
#69
 Pentachlorophenol
 Concen: 39.584 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	89196		
268	61.3		51.1	76.7
264	61.5		51.7	77.5

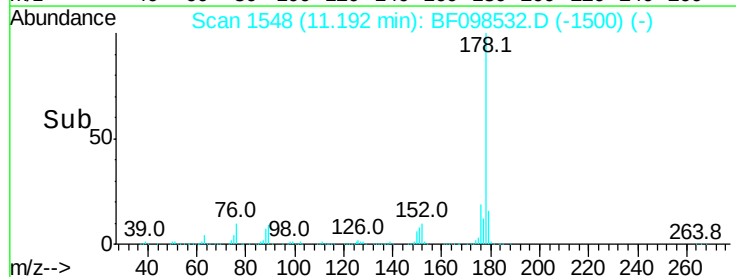
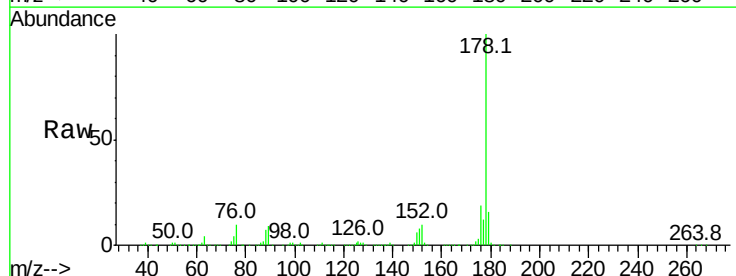
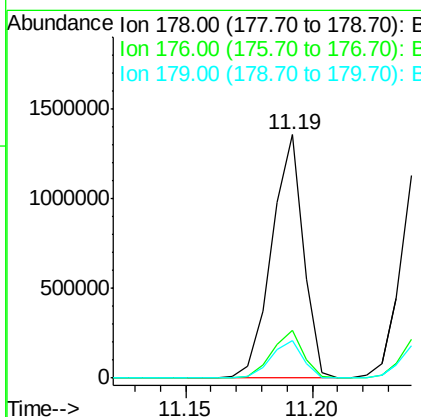
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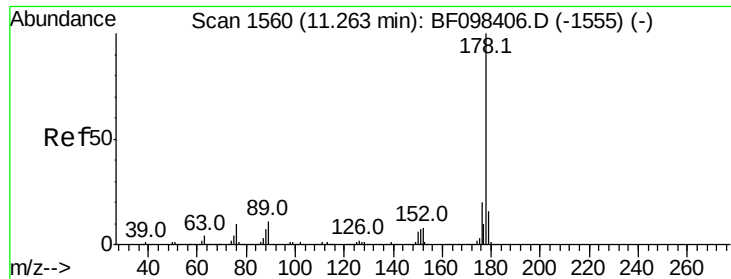
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#70
 Phenanthrene
 Concen: 38.482 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1194541		
176	19.5		16.2	24.4
179	15.6		12.6	19.0





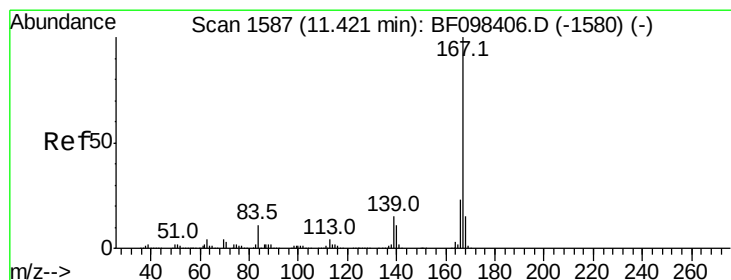
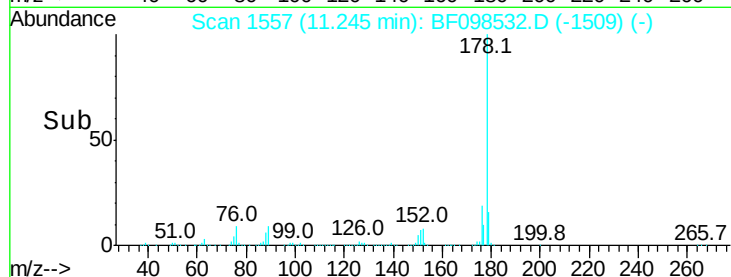
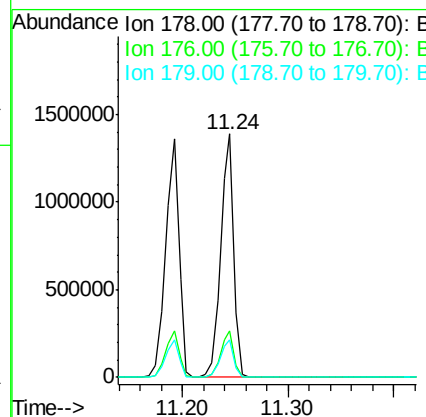
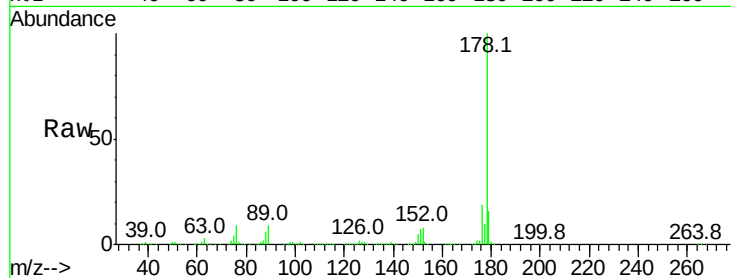
#71
 Anthracene
 Concen: 38.460 ng
 RT: 11.24 min Scan# 1557
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1225726
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.6 12.7 19.1

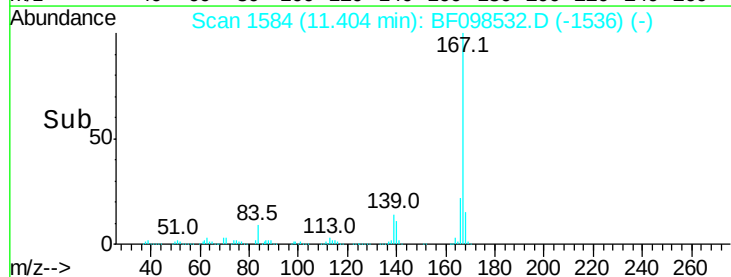
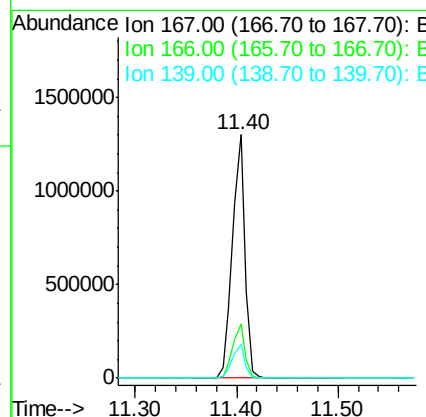
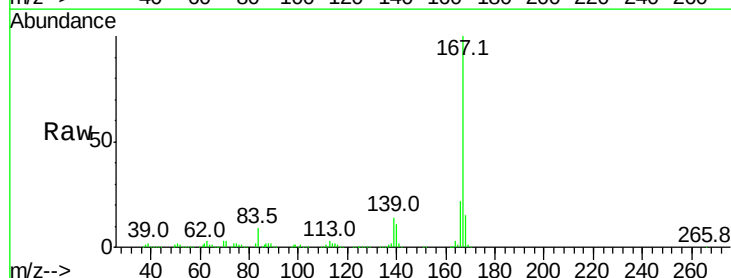
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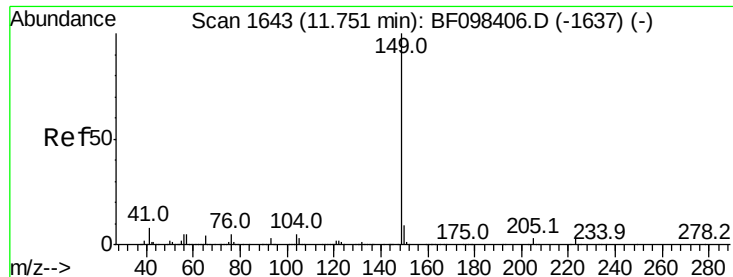
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#72
 Carbazole
 Concen: 37.901 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Tgt Ion:167 Resp: 1125725
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 38.118 ng

RT: 11.73 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1356517

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

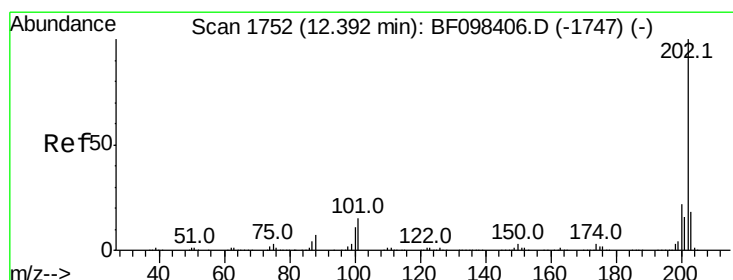
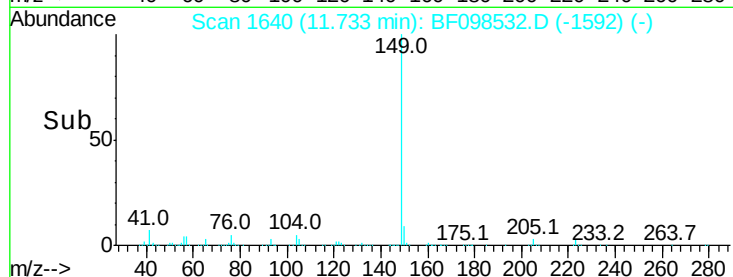
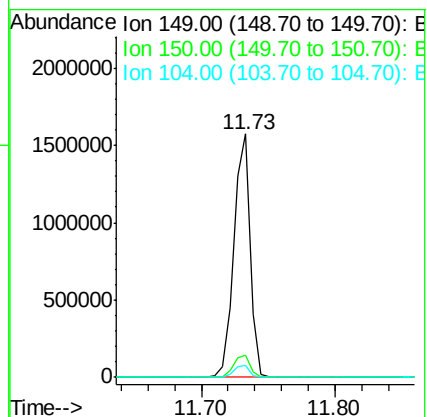
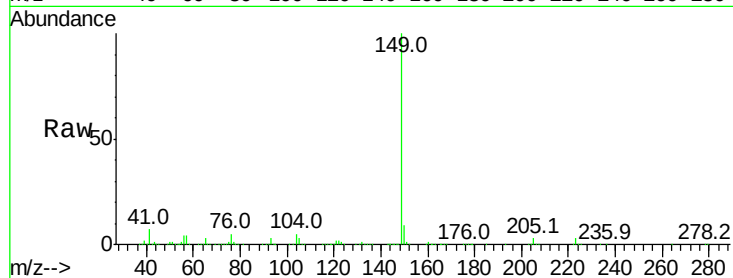
104 4.7 4.0 6.0

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#74

Fluoranthene

Concen: 39.160 ng

RT: 12.37 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

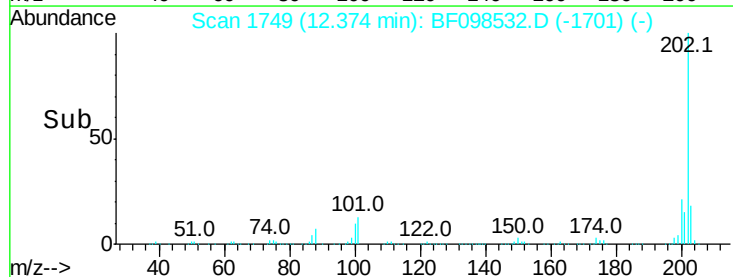
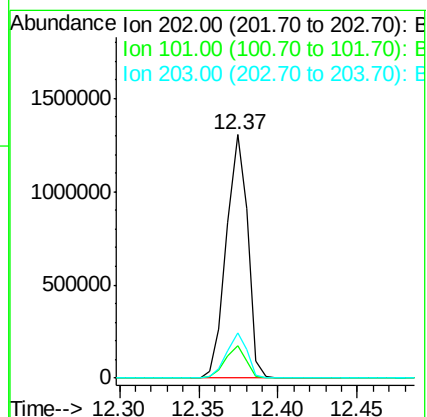
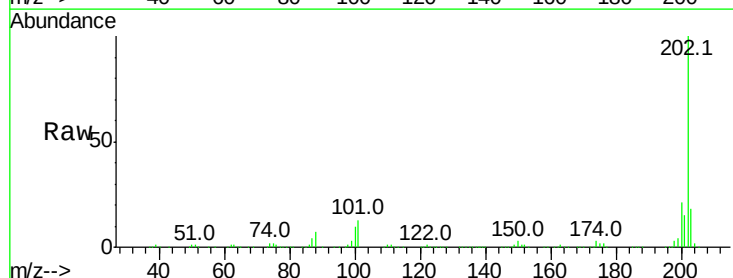
Tgt Ion:202 Resp: 1216904

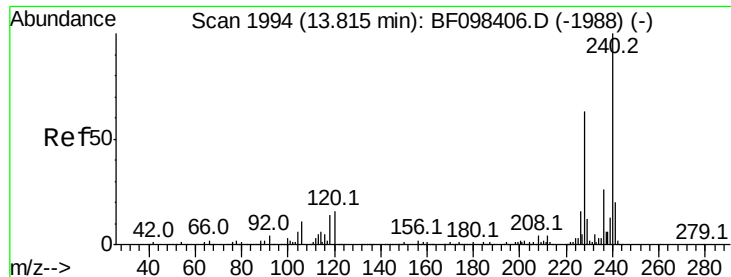
Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

203 18.3 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 409478
Ion Ratio Lower Upper

240 100

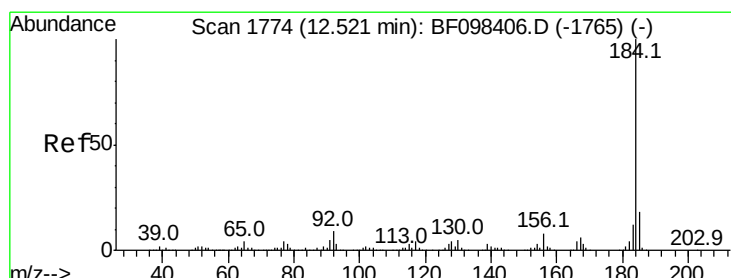
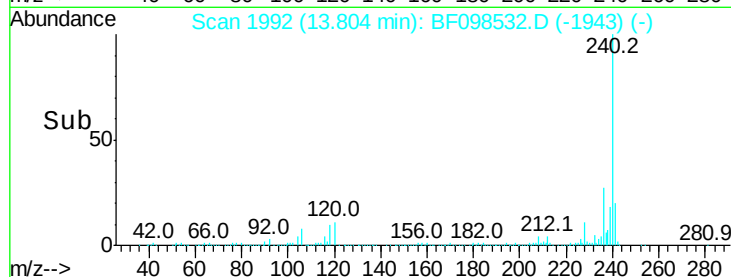
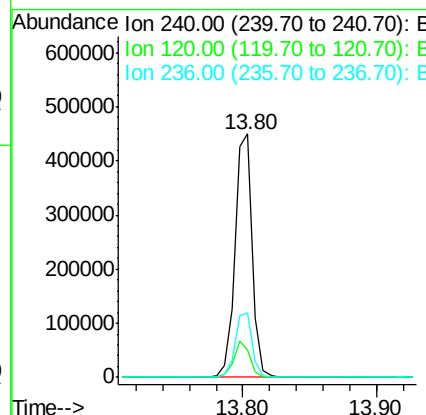
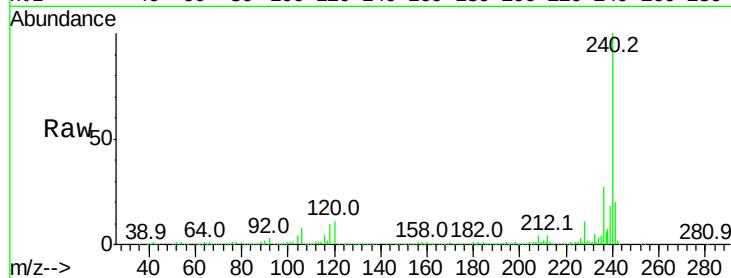
120 11.1 5.8 8.8#

236 26.5 20.5 30.7

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#76

Benzidine

Concen: 36.273 ng

RT: 12.50 min Scan# 1771

Delta R.T. -0.02 min

Lab File: BF098532.D

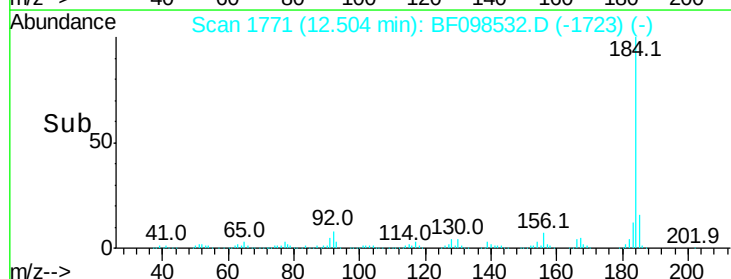
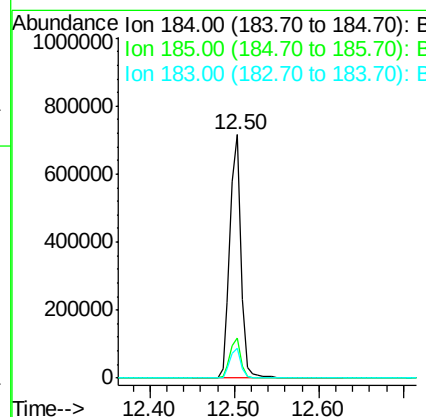
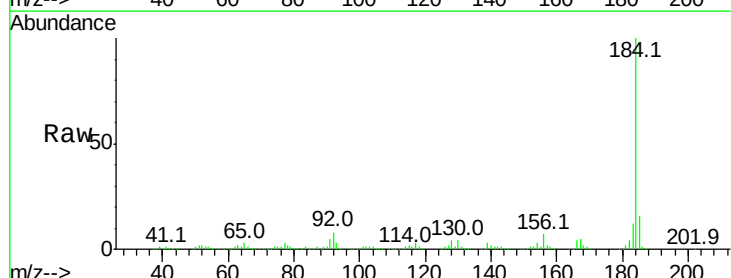
Acq: 14 Sep 2017 17:03

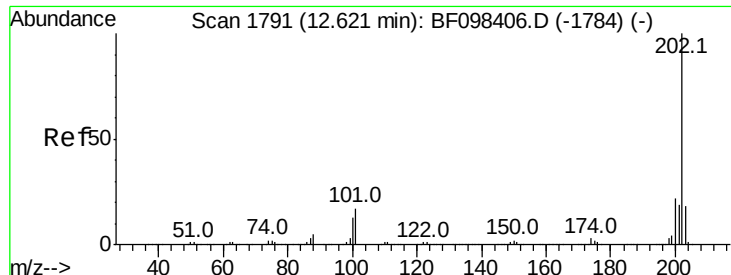
Tgt Ion:184 Resp: 657337
Ion Ratio Lower Upper

184 100

185 16.3 15.5 23.3

183 12.3 9.8 14.6





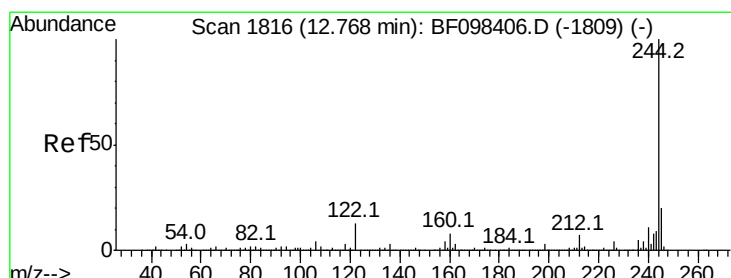
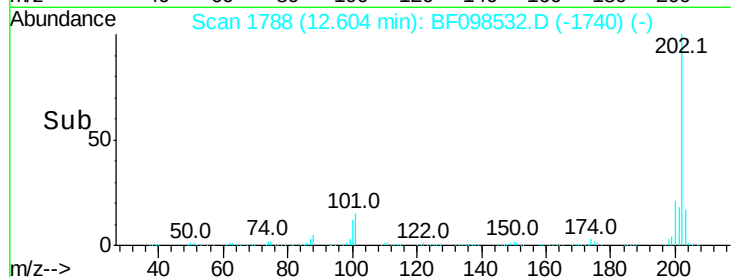
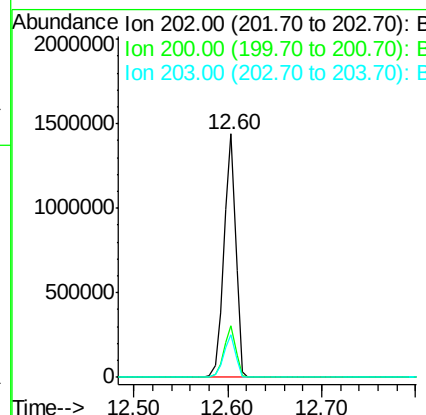
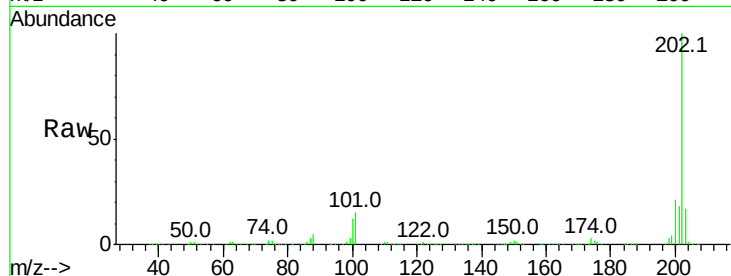
#77
Pvrene
Concen: 39.024 ng
RT: 12.60 min Scan# 1788
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.6	26.4
203	17.3	14.4	21.6

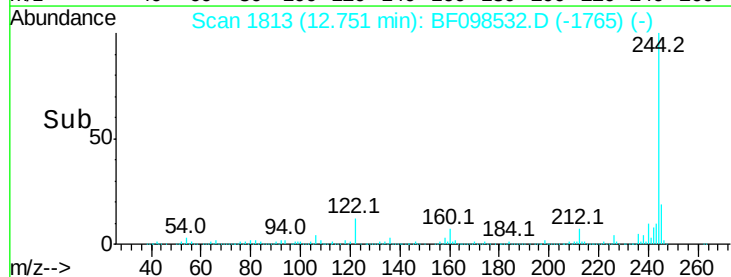
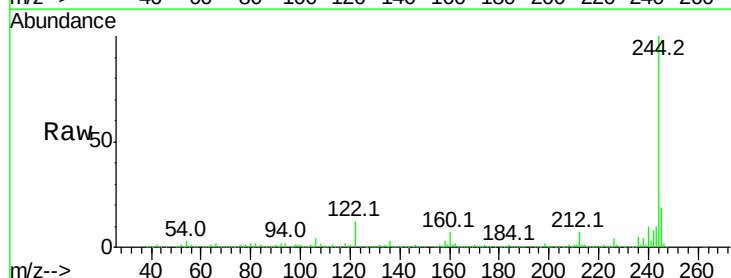
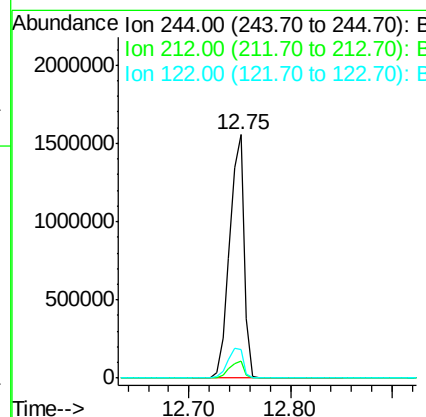
Manual Integrations
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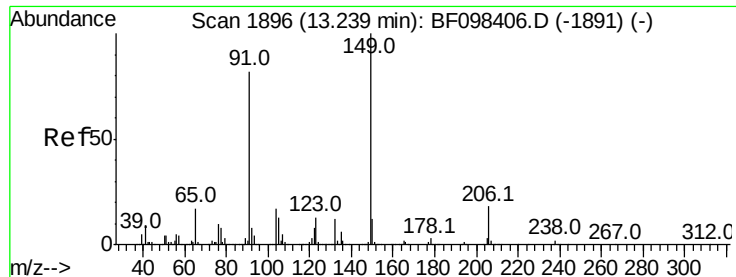
Sohil
9/15/2017 5:43:42 PM



#78
Terphenyl-d14
Concen: 81.290 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	11.7	10.3	15.5





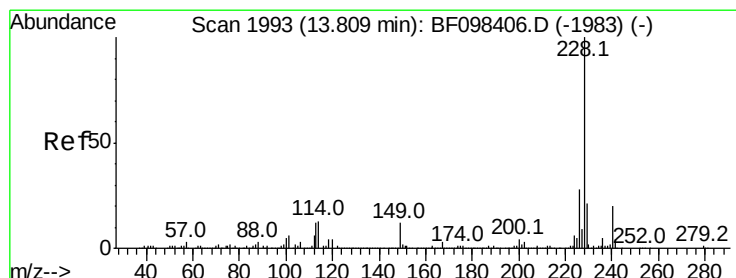
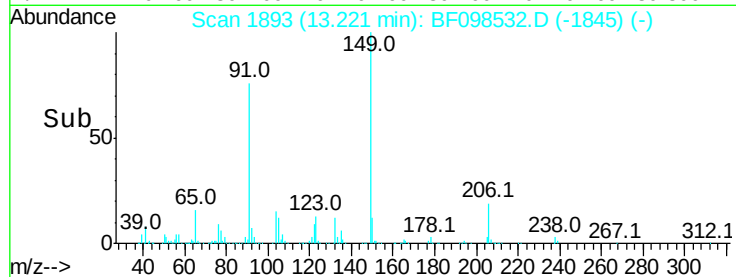
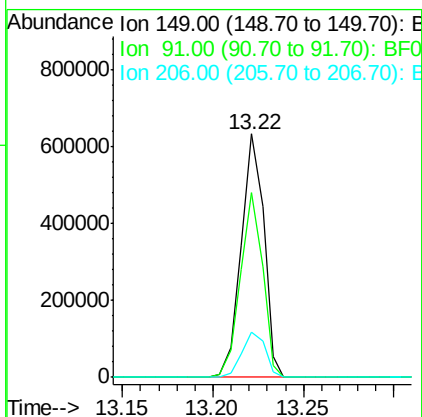
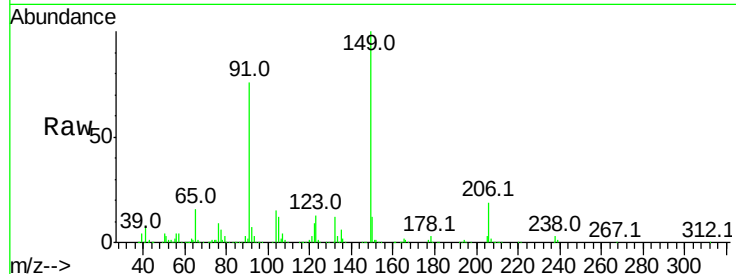
#79
Butylbenzylphthalate
Concen: 39.460 ng
RT: 13.22 min Scan# 1893
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	552974		
91	76.0	45.0	67.4#	
206	18.8	17.0	25.6	

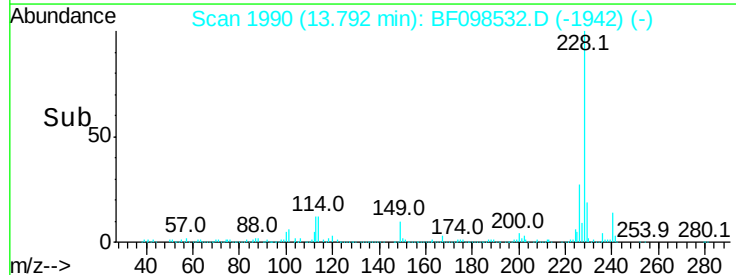
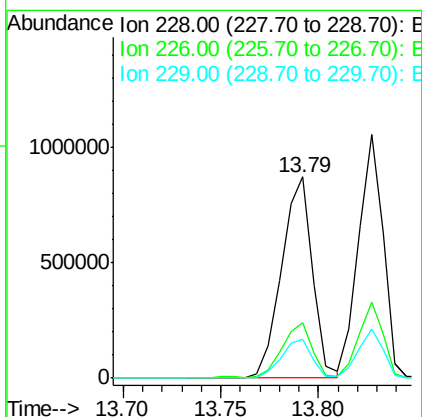
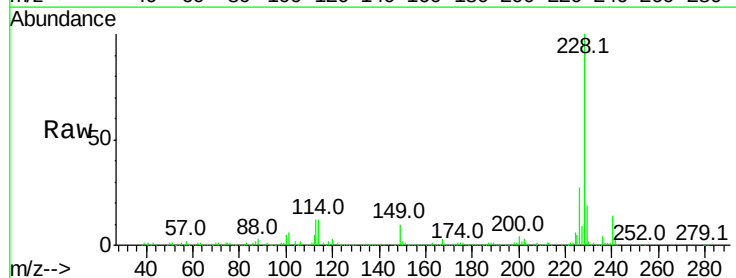
Manual Integrations
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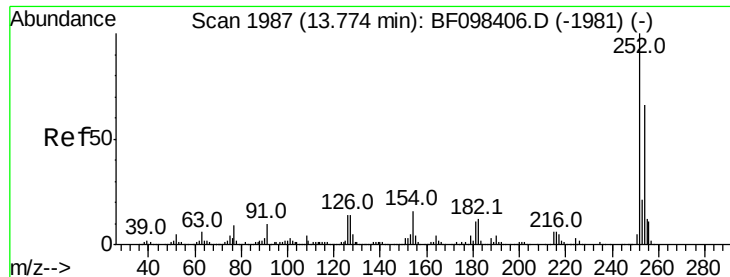
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#80
Benzo(a)anthracene
Concen: 39.488 ng
RT: 13.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	947989		
226	27.3	22.6	33.8	
229	19.4	16.3	24.5	





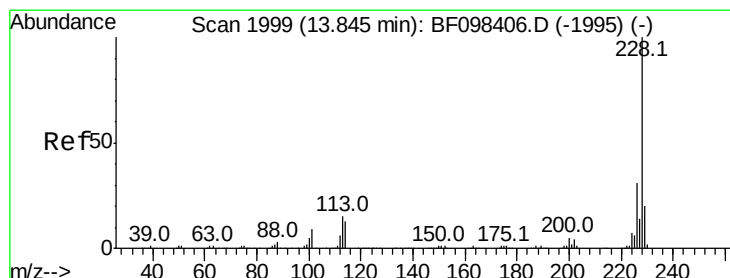
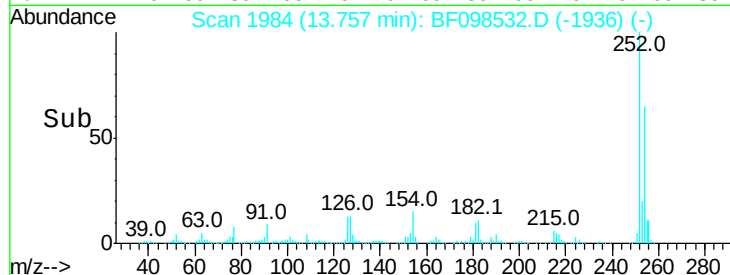
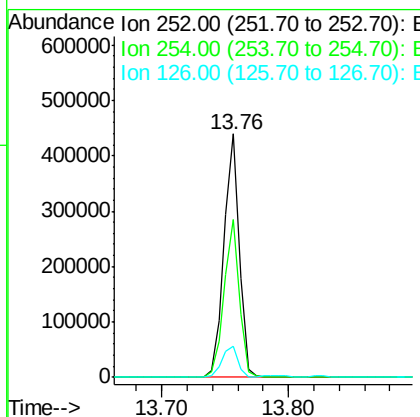
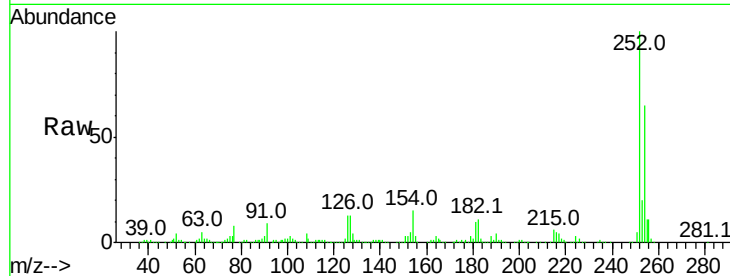
#81
 3,3'-Dichlorobenzidine
 Concen: 39.956 ng
 RT: 13.76 min Scan# 1984
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	372773		
254	64.6	51.5	77.3	
126	12.7	15.8	23.8	

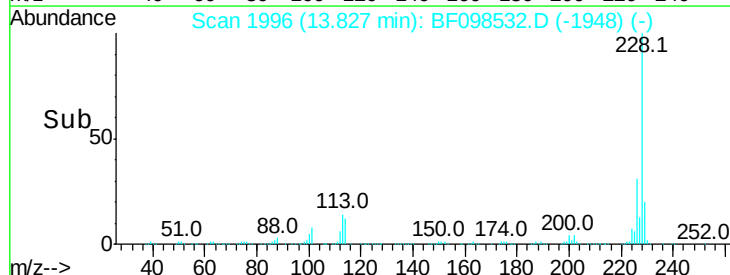
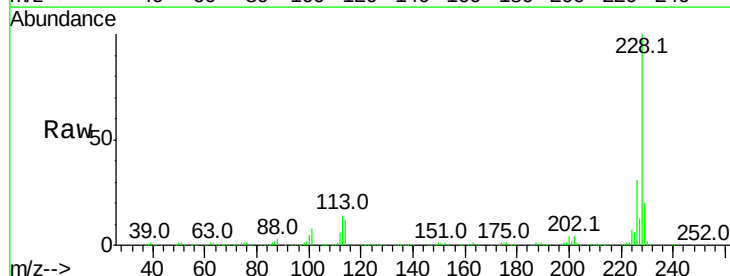
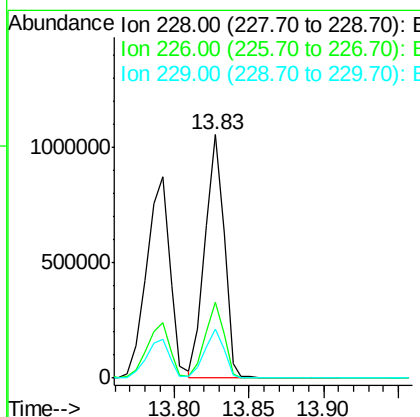
Manual Integrations
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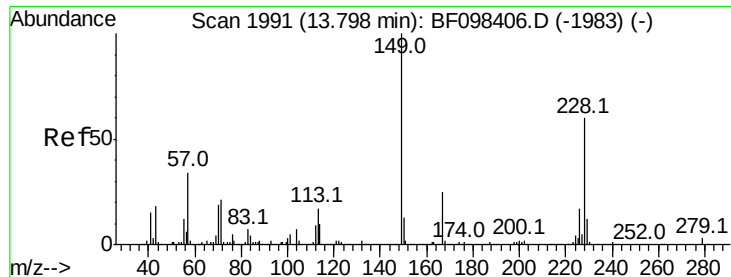
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#82
 Chrysene
 Concen: 38.422 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	932393		
226	31.0	24.9	37.3	
229	20.0	15.8	23.6	





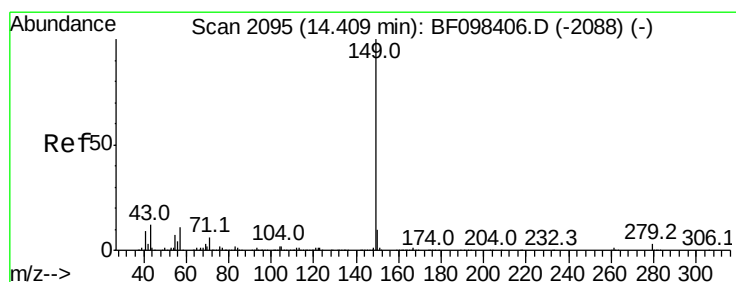
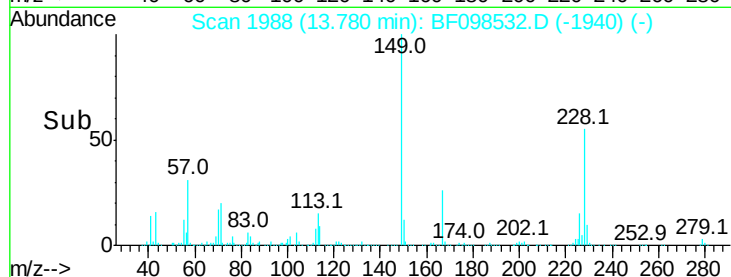
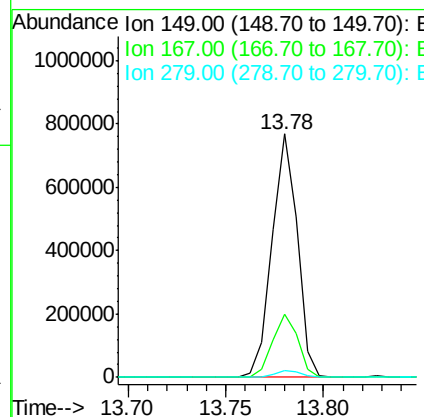
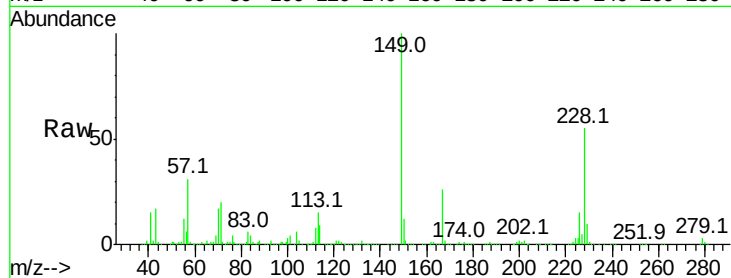
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.434 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.0	31.4
279	2.8	1.9	2.9

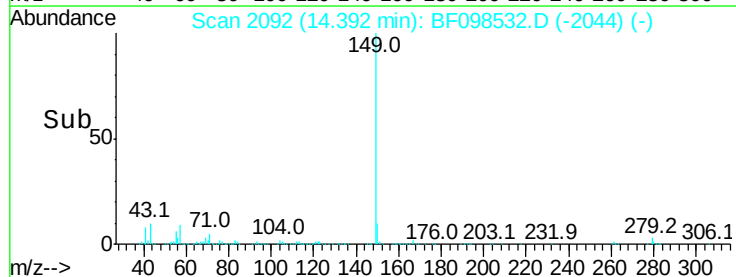
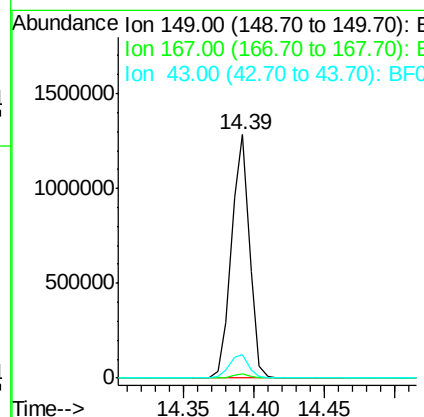
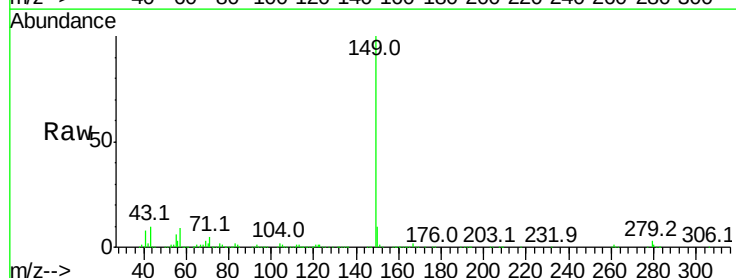
Manual Integrations
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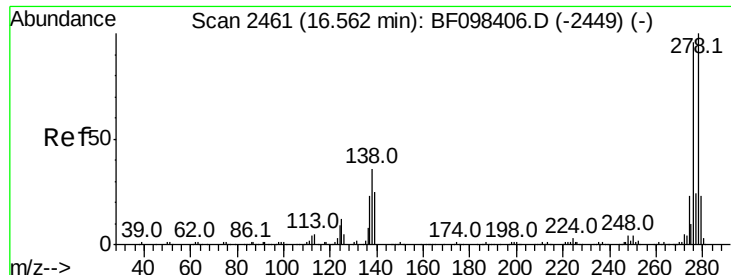
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#84
 Di-n-octyl phthalate
 Concen: 37.612 ng
 RT: 14.39 min Scan# 2092
 Delta R.T. -0.02 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.4	8.5	12.7





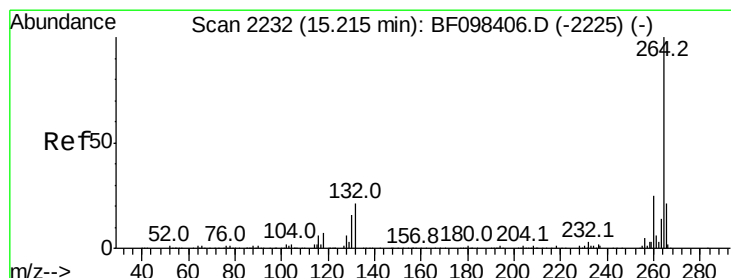
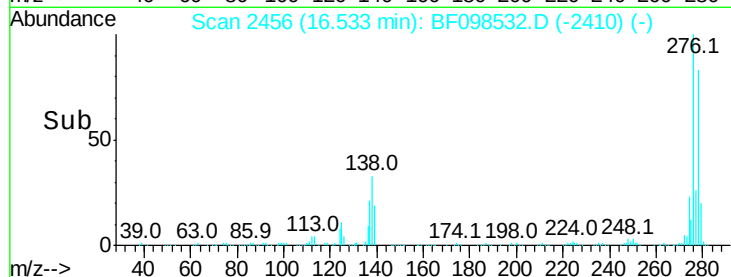
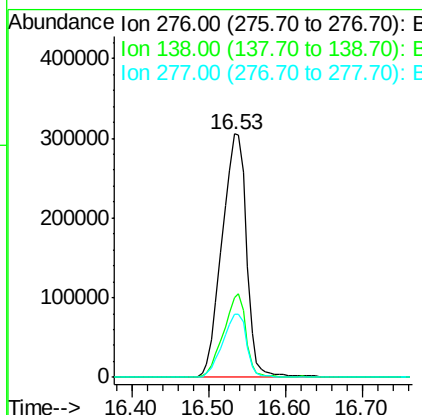
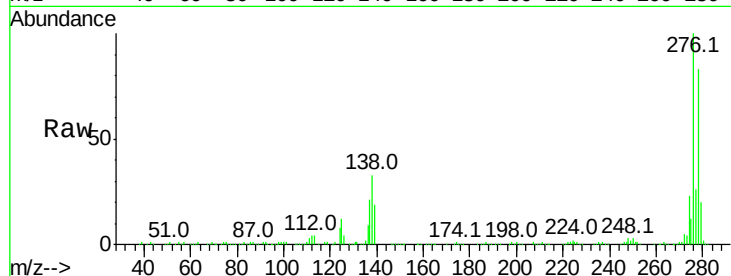
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.949 ng
RT: 16.53 min Scan# 2456
Delta R.T. -0.03 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	276	Resp:	680150
Ion Ratio		Lower	Upper
276	100		
138	31.5	27.8	41.6
277	25.6	20.2	30.4

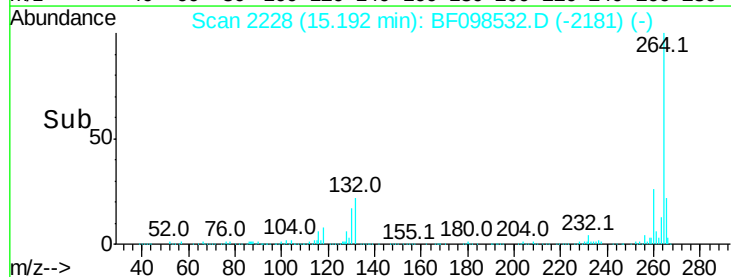
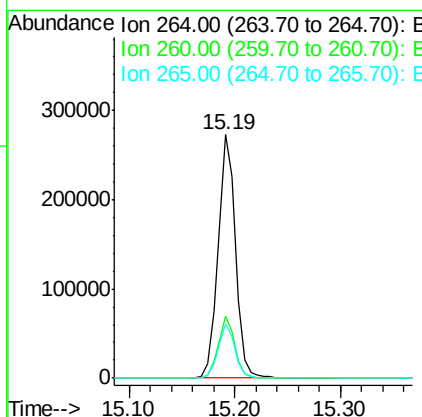
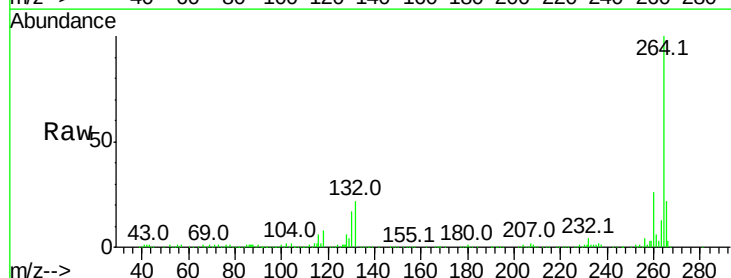
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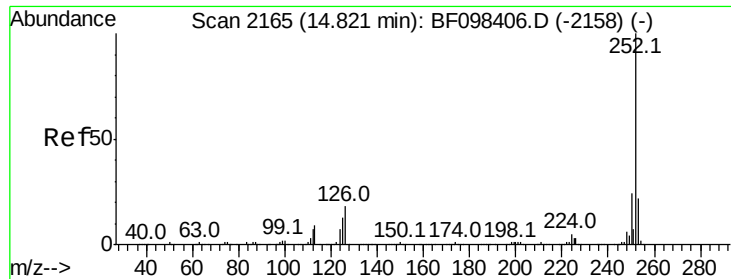
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion:	264	Resp:	319591
Ion Ratio		Lower	Upper
264	100		
260	25.7	19.5	29.3
265	22.2	17.2	25.8





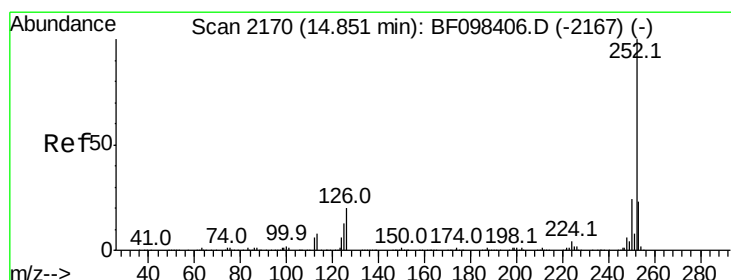
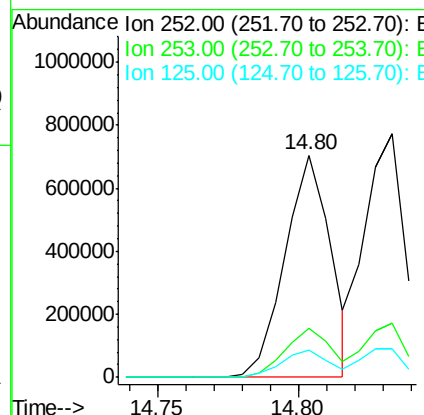
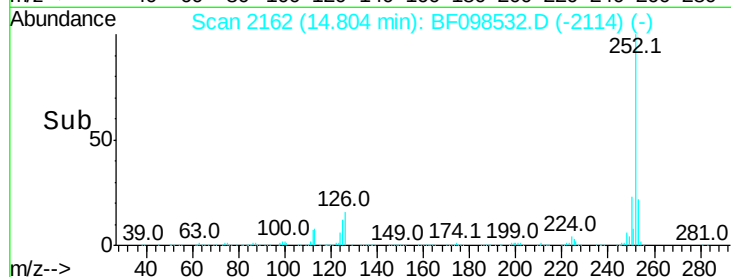
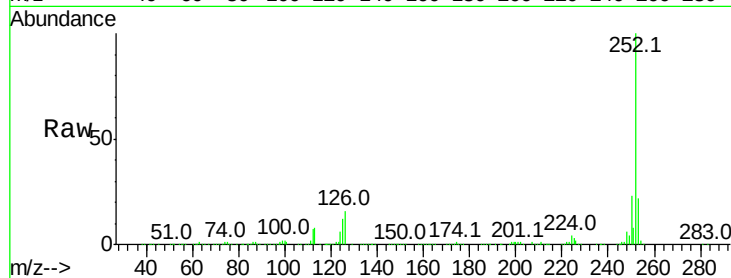
#87
Benzo(b)fluoranthene
Concen: 39.376 ng
RT: 14.80 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	12.4	9.8	14.8

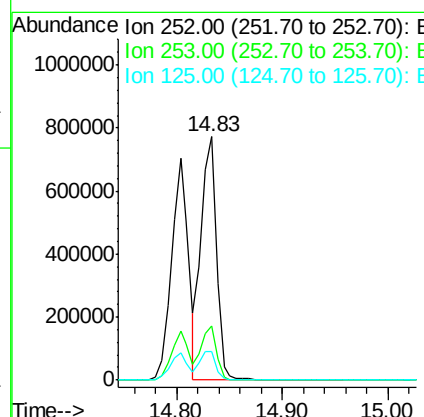
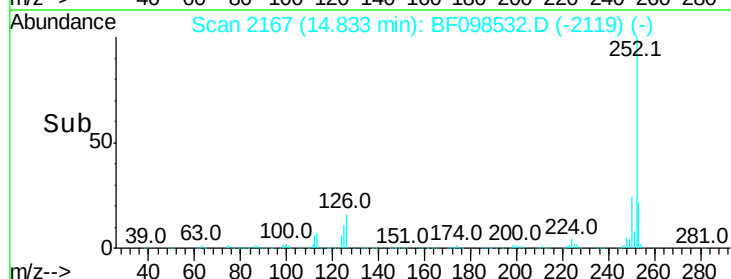
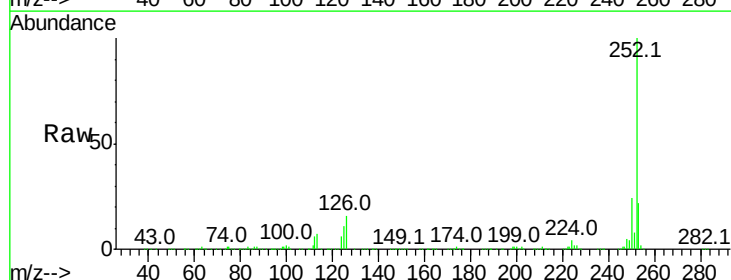
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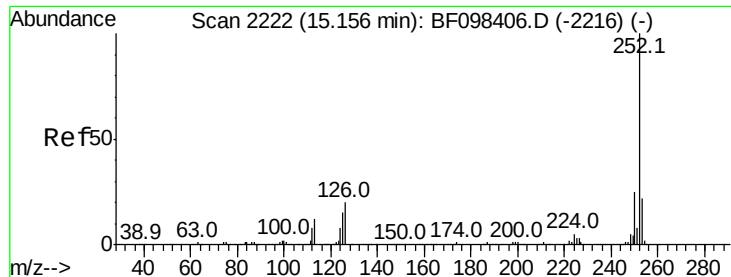
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#88
Benzo(k)fluoranthene
Concen: 41.159 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BF098532.D
Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	11.5	13.1	19.7





#89

Benzo(a)pyrene

Concen: 40.024 ng

RT: 15.14 min Scan# 2219

Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Instrument :

BNA_F

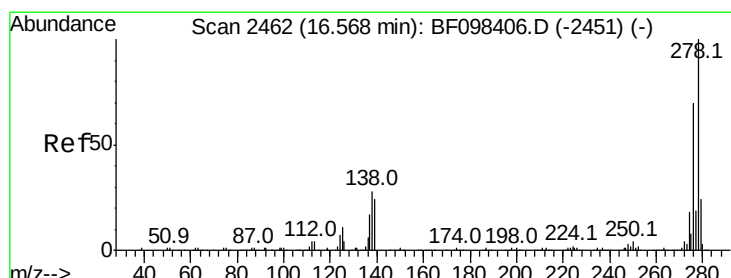
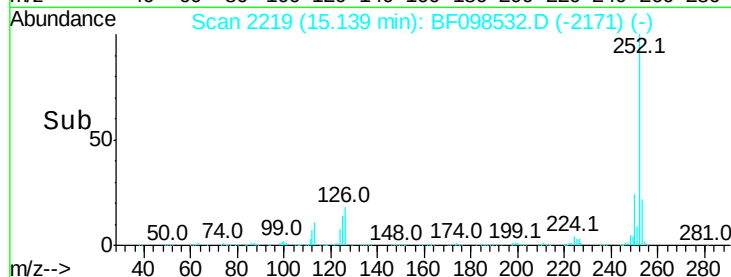
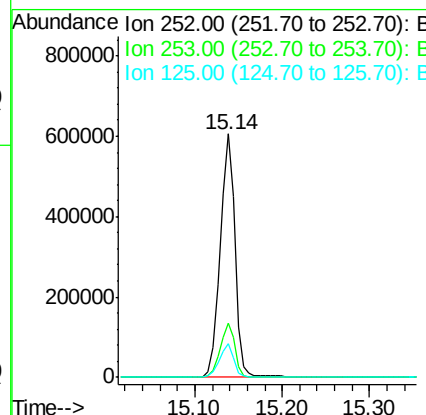
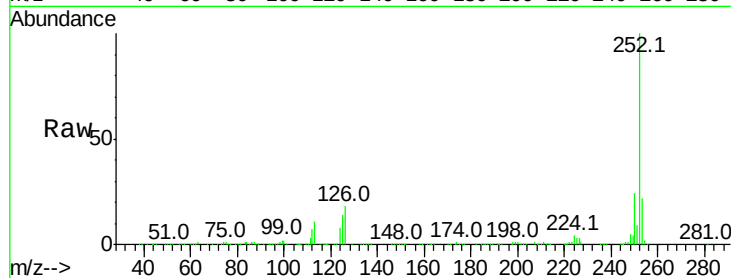
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.9	11.0	16.4

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#90

Dibenzo(a,h)anthracene

Concen: 42.933 ng

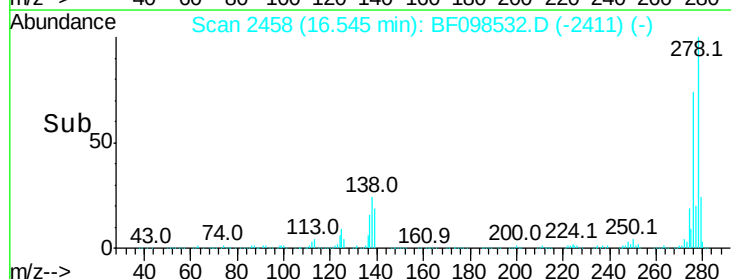
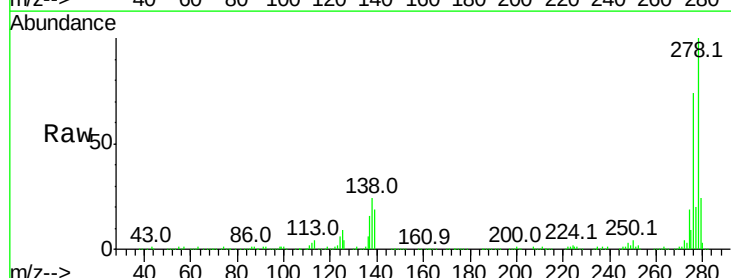
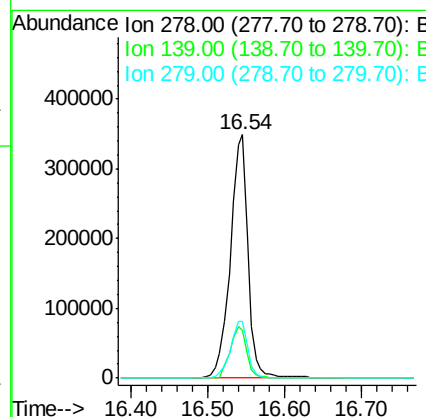
RT: 16.54 min Scan# 2458

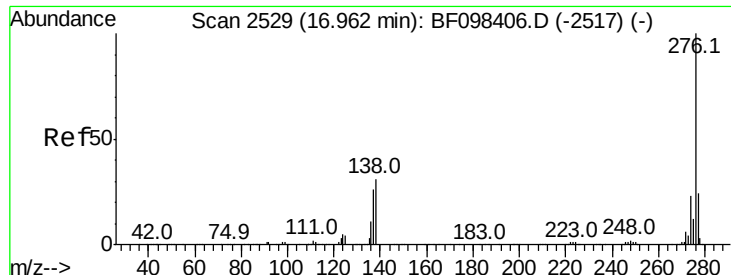
Delta R.T. -0.02 min

Lab File: BF098532.D

Acq: 14 Sep 2017 17:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	16.6	24.8
279	23.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 43.432 ng
 RT: 16.93 min Scan# 2524
 Delta R.T. -0.03 min
 Lab File: BF098532.D
 Acq: 14 Sep 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.1	18.6	28.0
138	28.2	25.4	38.0

Manual Integrations
 APPROVED

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