

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096810.D
 Acq On : 17 Jul 2017 10:48
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 7/20/2017 8:36:43 AM

Quant Time: Jul 18 16:41:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	114215	20.00	ng	0.01
21) Naphthalene-d8	7.89	136	477130	20.00	ng	0.00
38) Acenaphthene-d10	9.64	164	205862	20.00	ng	0.00
63) Phenanthrene-d10	11.12	188	372577	20.00	ng	0.01
75) Chrysene-d12	13.74	240	253645	20.00	ng	0.00
86) Perylene-d12	15.11	264	221824	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.21	112	556517	73.26	ng	0.01
7) Phenol-d6	6.26	99	722287	79.24	ng	0.01
23) Nitrobenzene-d5	7.18	82	599687	77.85	ng	0.01
41) 2,4,6-Tribromophenol	10.43	330	145149	82.60	ng	0.00
44) 2-Fluorobiphenyl	8.97	172	999511	76.71	ng	0.01
78) Terphenyl-d14	12.70	244	985207	67.36	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.20	88	127160	32.533	ng	# 75
3) Pyridine	2.86	79	312038	37.987	ng	# 60
4) n-Nitrosodimethylamine	2.82	42	173128	37.688	ng	# 77
6) Aniline	6.27	93	440714	39.250	ng	# 25
8) 2-Chlorophenol	6.40	128	319879	39.034	ng	96
9) Benzaldehyde	6.16	77	201300	38.207	ng	99
10) Phenol	6.27	94	399859	38.803	ng	# 64
11) bis(2-Chloroethyl)ether	6.35	93	304492	39.293	ng	89
12) 1,3-Dichlorobenzene	6.55	146	343096	39.387	ng	98
13) 1,4-Dichlorobenzene	6.63	146	353634	40.088	ng	95
14) 1,2-Dichlorobenzene	6.79	146	327265	40.788	ng	96
15) Benzyl Alcohol	6.76	79	232658	38.984	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	671516	41.990	ng	93
17) 2-Methylphenol	6.88	107	261978	41.111	ng	97
18) Hexachloroethane	7.12	117	120130	38.404	ng	# 80
19) n-Nitroso-di-n-propylamine	7.04	70	208068	37.887	ng	# 85
20) 3+4-Methylphenols	7.04	107	299323	38.708	ng	# 66
22) Acetophenone	7.03	105	432762	40.581	ng	99
24) Nitrobenzene	7.20	77	306067	38.418	ng	91
25) Isophorone	7.45	82	597668	41.708	ng	95
26) 2-Nitrophenol	7.52	139	178623	40.323	ng	91
27) 2,4-Dimethylphenol	7.56	122	300184	41.191	ng	98
28) bis(2-Chloroethoxy)methane	7.66	93	405998	41.929	ng	99
29) 2,4-Dichlorophenol	7.76	162	254975	38.652	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	246007	39.223	ng	98
31) Naphthalene	7.92	128	917429	40.589	ng	100
32) Benzoic acid	7.71	122	230439	49.474	ng	94
33) 4-Chloroaniline	7.97	127	365757	40.843	ng	97
34) Hexachlorobutadiene	8.04	225	133478	39.865	ng	99
35) Caprolactam	8.35	113	78383	37.084	ng	# 75
36) 4-Chloro-3-methylphenol	8.46	107	267871	37.765	ng	93
37) 2-Methylnaphthalene	8.60	142	551269	38.256	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	221667	39.833	ng	99
40) Hexachlorocyclopentadiene	8.76	237	74841	38.514	ng	100

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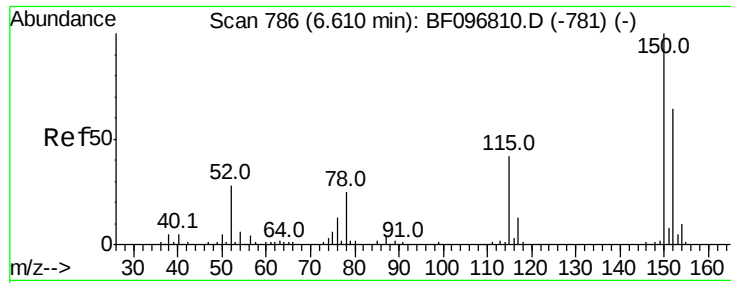
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	162948	39.696	nq	98
43) 2,4,5-Trichlorophenol	8.93	196	164430	39.718	nq	99
45) 1,1'-Biphenyl	9.07	154	695166	39.374	nq	98
46) 2-Chloronaphthalene	9.09	162	518365	39.872	nq	94
47) 2-Nitroaniline	9.19	65	179008	40.057	nq	96
48) Acenaphthylene	9.50	152	812466	39.222	nq	98
49) Dimethylphthalate	9.37	163	612245	39.498	nq	100
50) 2,6-Dinitrotoluene	9.43	165	134964	40.198	nq	# 84
51) Acenaphthene	9.67	154	468293	38.269	nq	99
52) 3-Nitroaniline	9.60	138	164767	41.426	nq	93
53) 2,4-Dinitrophenol	9.71	184	69068	44.787	nq	# 73
54) Dibenzofuran	9.85	168	654539	38.170	nq	98
55) 4-Nitrophenol	9.77	139	116816	40.201	nq	# 76
56) 2,4-Dinitrotoluene	9.83	165	172075	39.884	nq	# 74
57) Fluorene	10.19	166	502891	39.686	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.97	232	118642	41.322	nq	98
59) Diethylphthalate	10.07	149	586715	38.881	nq	98
60) 4-Chlorophenyl-phenylether	10.18	204	215113	39.714	nq	97
61) 4-Nitroaniline	10.21	138	159866	42.802	nq	93
62) Azobenzene	10.34	77	527032	39.590	nq	94
64) 4,6-Dinitro-2-methylphenol	10.25	198	98649	42.171	nq	88
65) n-Nitrosodiphenylamine	10.30	169	484581	36.385	nq	99
66) 4-Bromophenyl-phenylether	10.67	248	149532	39.310	nq	97
67) Hexachlorobenzene	10.74	284	161343	38.083	nq	96
68) Atrazine	10.83	200	149900	39.506	nq	95
69) Pentachlorophenol	10.93	266	86463	42.246	nq	97
70) Phenanthrene	11.14	178	776146	38.313	nq	100
71) Anthracene	11.19	178	754291	36.826	nq	99
72) Carbazole	11.35	167	752125	37.919	nq	99
73) Di-n-butylphthalate	11.69	149	944209	38.223	nq	99
74) Fluoranthene	12.32	202	742585	38.296	nq	99
76) Benzidine	12.44	184	395621m	47.611	nq	
77) Pyrene	12.55	202	809534	35.167	nq	99
79) Butylbenzylphthalate	13.17	149	387719	35.449	nq	# 83
80) Benzo(a)anthracene	13.73	228	627660	39.715	nq	99
81) 3,3'-Dichlorobenzidine	13.70	252	246396	43.355	nq	# 96
82) Chrysene	13.77	228	628597	40.402	nq	98
83) Bis(2-ethylhexyl)phthalate	13.74	149	508720	38.193	nq	99
84) Di-n-octyl phthalate	14.34	149	884596	40.177	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.40	276	459612	32.717	nq	99
87) Benzo(b)fluoranthene	14.73	252	524324	39.192	nq	99
88) Benzo(k)fluoranthene	14.76	252	512251m	40.434	nq	
89) Benzo(a)pyrene	15.06	252	488420	39.804	nq	99
90) Dibenzo(a,h)anthracene	16.42	278	378024	33.481	nq	98
91) Benzo(g,h,i)perylene	16.79	276	404644	33.468	nq	98

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



#1

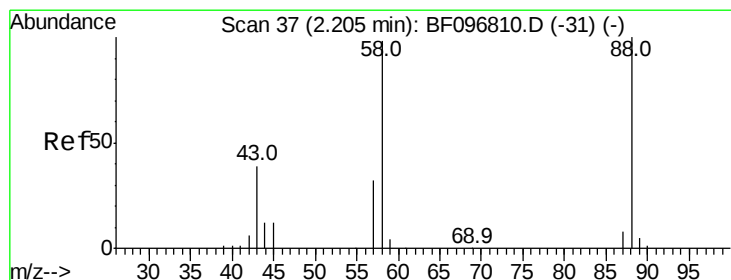
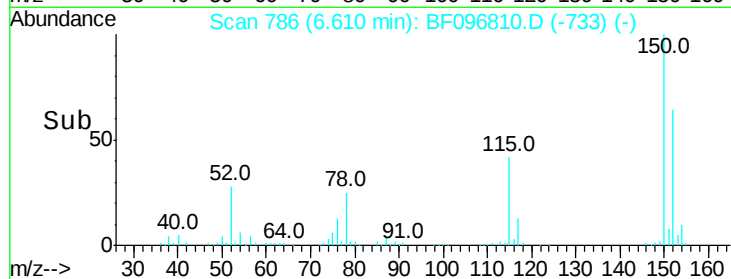
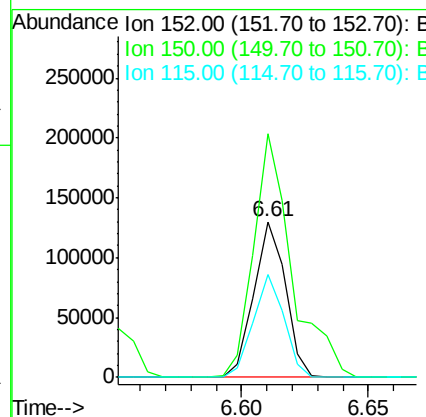
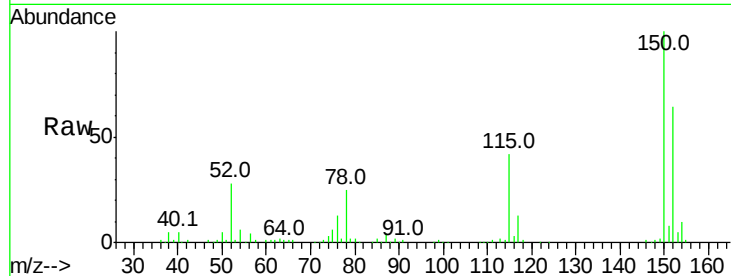
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	66.0	52.2	78.2

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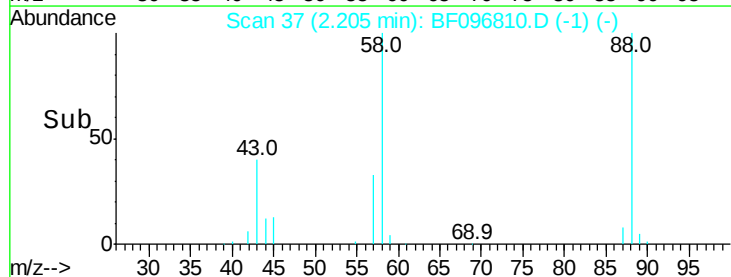
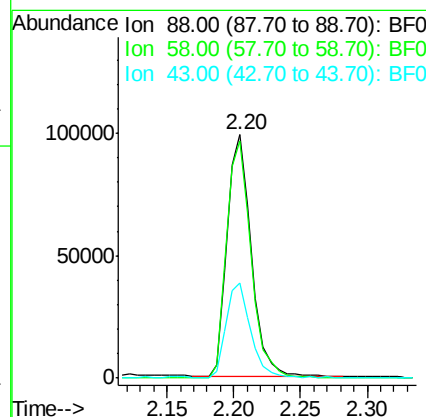
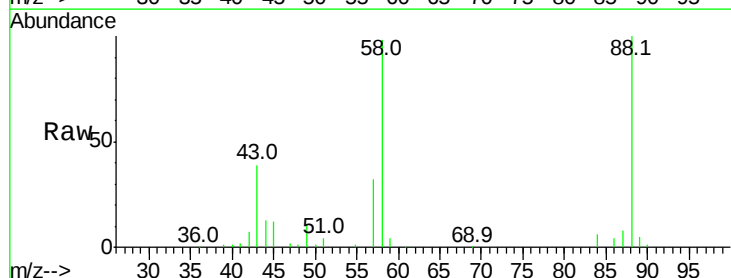
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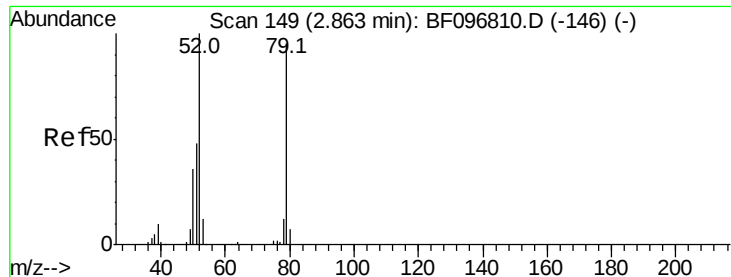


#2

1,4-Dioxane
Concen: 32.533 ng
RT: 2.20 min Scan# 37
Delta R.T. 0.02 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.1	61.4	92.0#
43	40.5	23.4	35.0#





#3

Pvridine

Concen: 37.987 ng

RT: 2.86 min Scan# 149

Delta R.T. 0.02 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

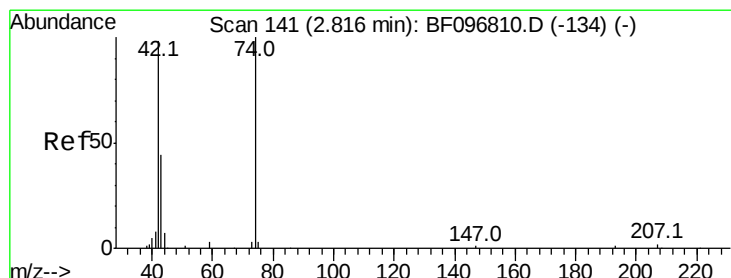
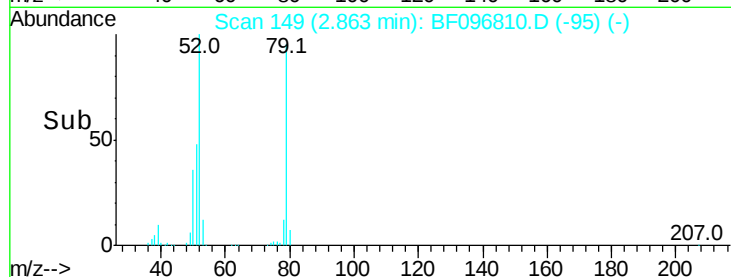
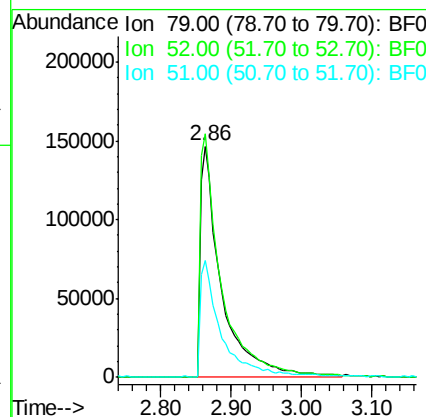
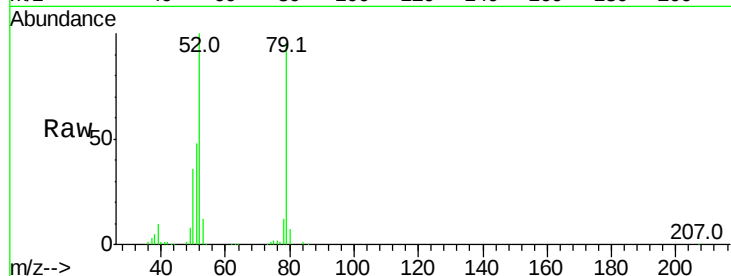
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	312038
Ion Ratio	Lower	Upper	
79	100		
52	105.5	54.8	82.2#
51	50.9	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 37.688 ng

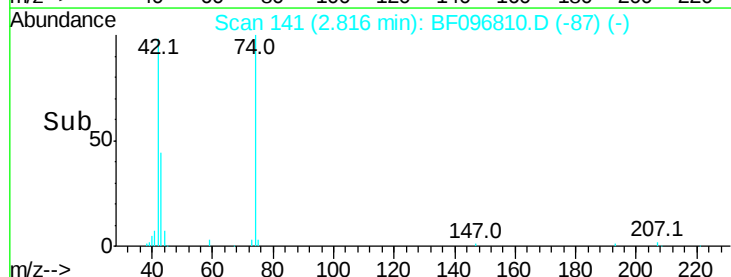
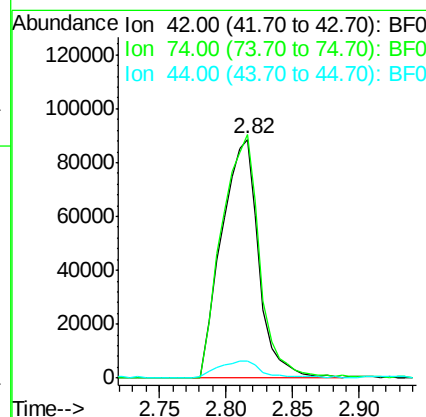
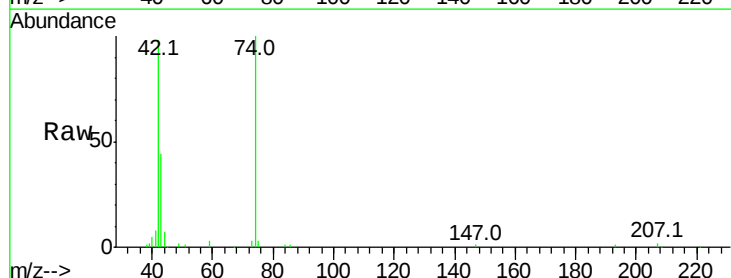
RT: 2.82 min Scan# 141

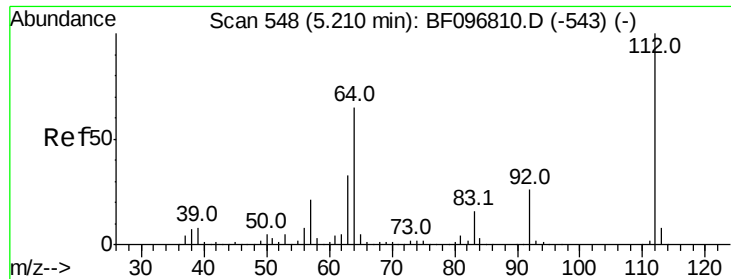
Delta R.T. 0.02 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Tgt Ion:	42	Resp:	173128
Ion Ratio	Lower	Upper	
42	100		
74	101.8	103.9	155.9#
44	7.4	5.7	8.5





#5

2-Fluorophenol

Concen: 73.263 ng

RT: 5.21 min Scan# 548

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

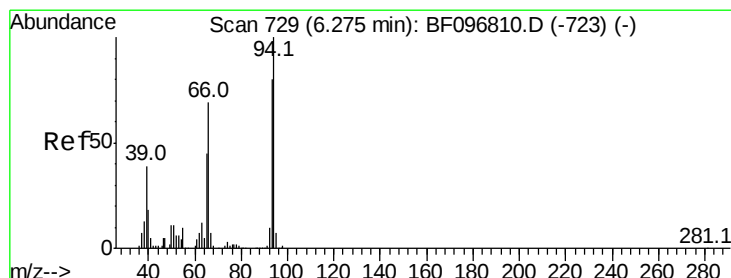
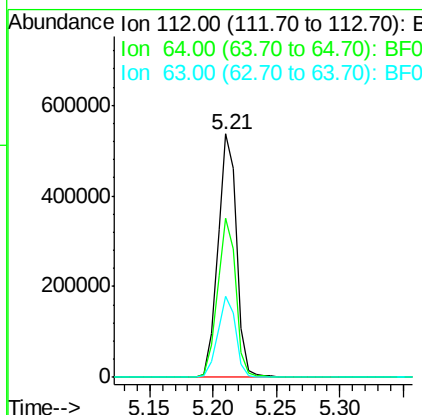
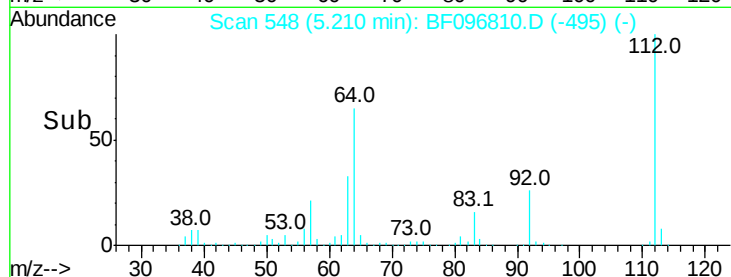
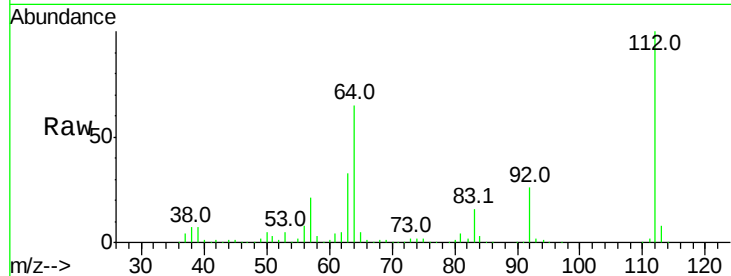
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	556517
Ion Ratio	Lower	Upper	
112	100		
64	65.4	46.0	69.0
63	33.2	23.4	35.0

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#6

Aniline

Concen: 39.250 ng

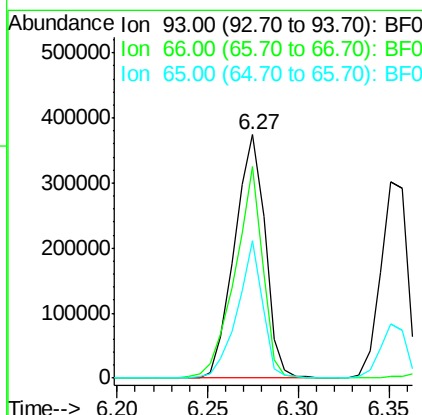
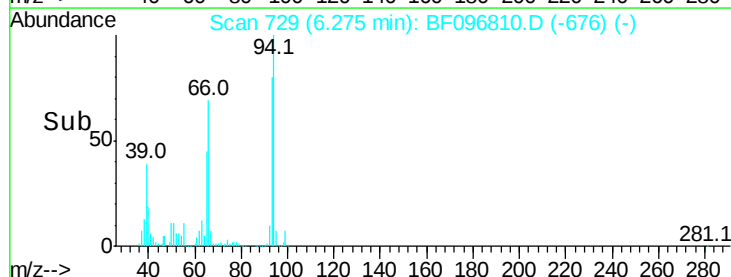
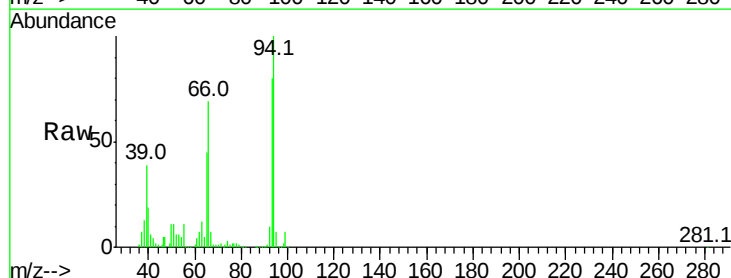
RT: 6.27 min Scan# 729

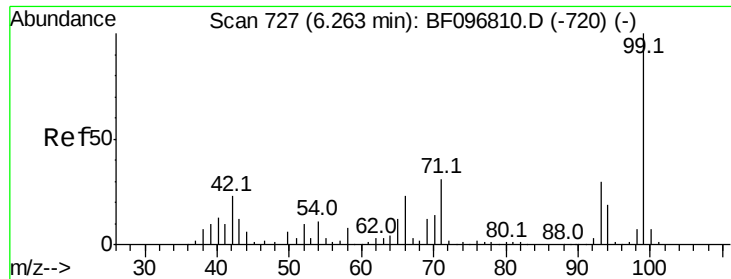
Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Tgt Ion:	93	Resp:	440714
Ion Ratio	Lower	Upper	
93	100		
66	86.7	32.9	49.3#
65	56.6	16.0	24.0#





#7

Phenol-d6

Concen: 79.236 ng

RT: 6.26 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

ClientSampleId :

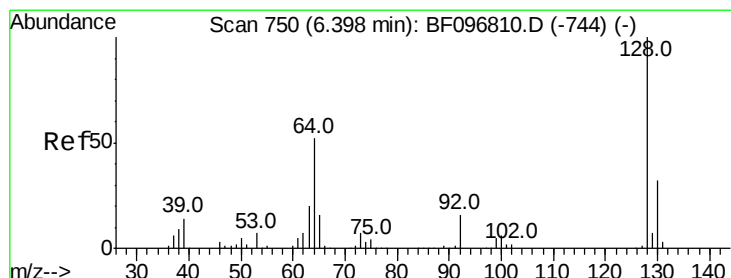
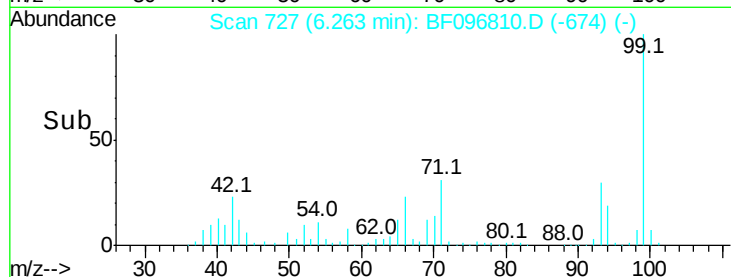
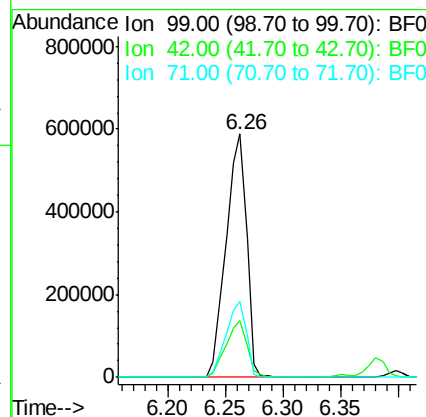
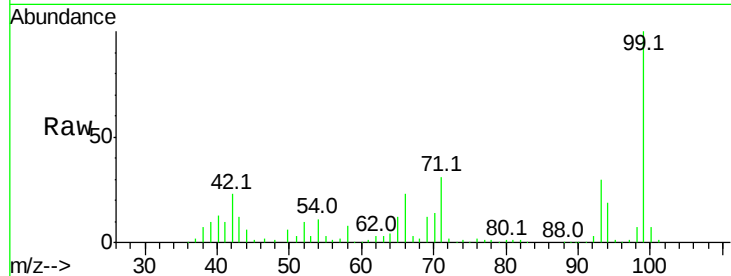
SSTDCCC040

Tot Ion: 99 Resp: 722287

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	31.1	24.5	36.7

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#8

2-Chlorophenol

Concen: 39.034 ng

RT: 6.40 min Scan# 750

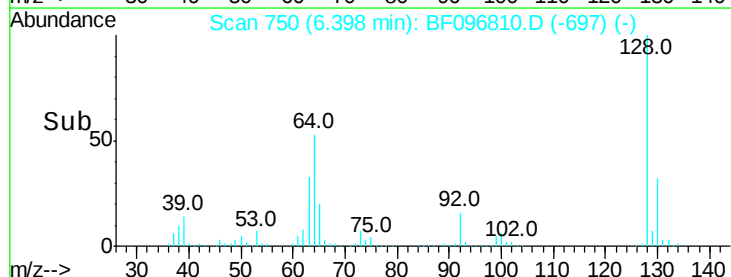
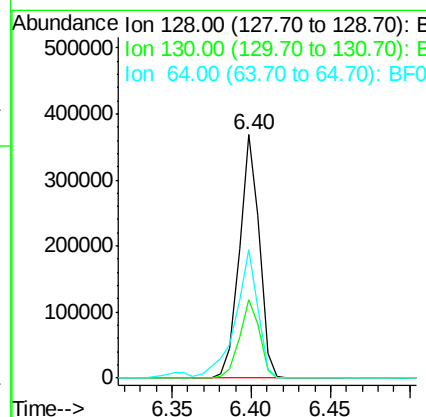
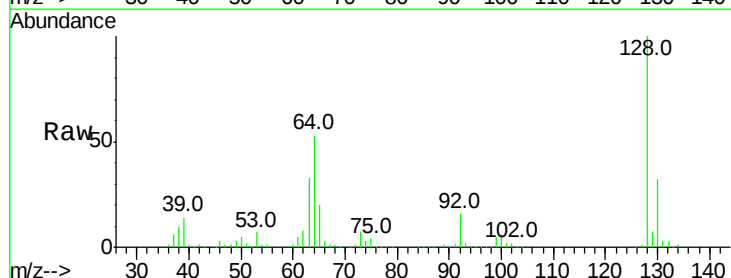
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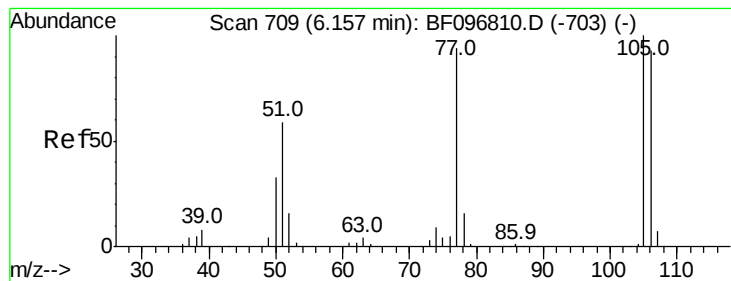
Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Tgt Ion: 128 Resp: 319879

Ion	Ratio	Lower	Upper
128	100		
130	32.3	12.9	52.9
64	52.8	28.4	68.4





#9

Benzaldehyde

Concen: 38.207 ng

RT: 6.16 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

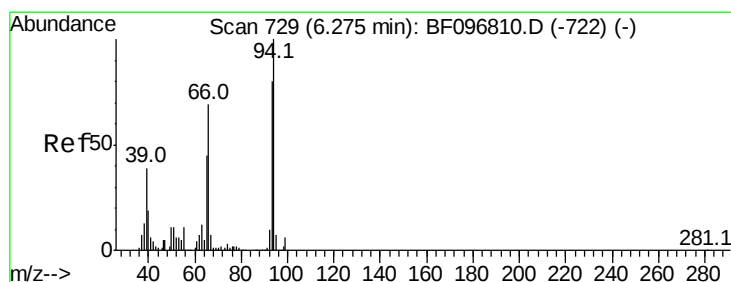
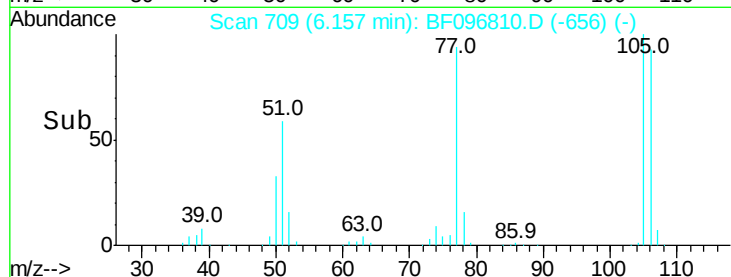
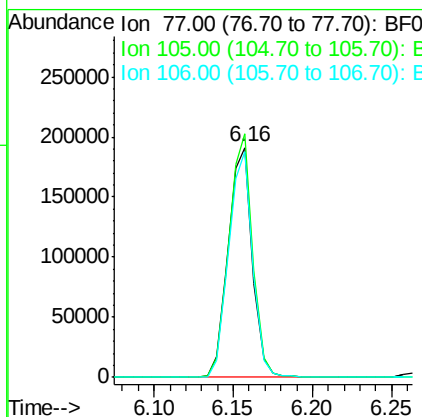
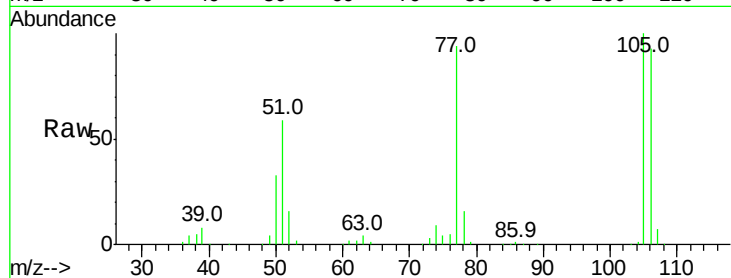
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	106.0	83.8	123.8		
106	98.4	79.1	119.1		

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#10

Phenol

Concen: 38.803 ng

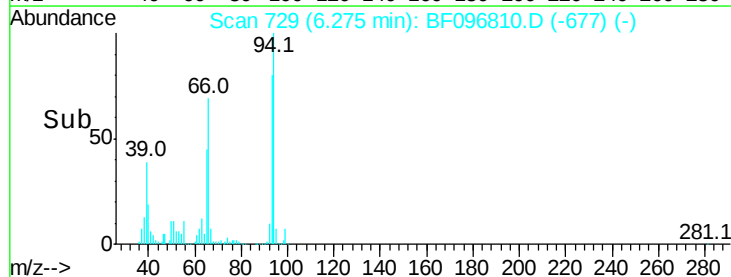
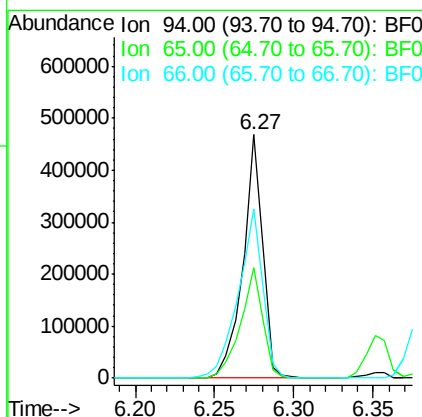
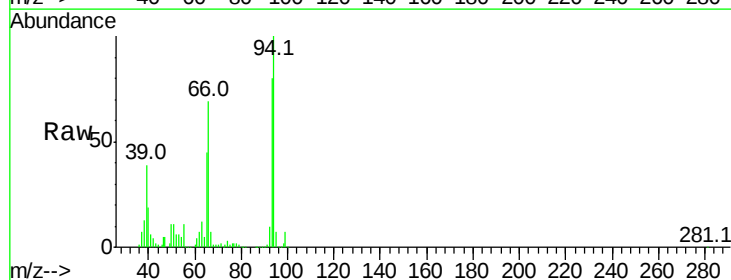
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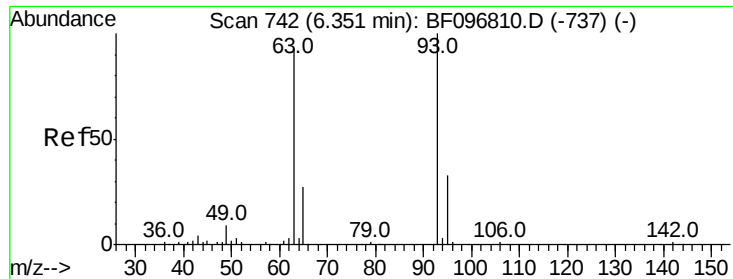
Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	45.2	9.9	49.9		
66	69.3	23.1	63.1#		





#11

bis(2-Chloroethyl)ether

Concen: 39.293 ng

RT: 6.35 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

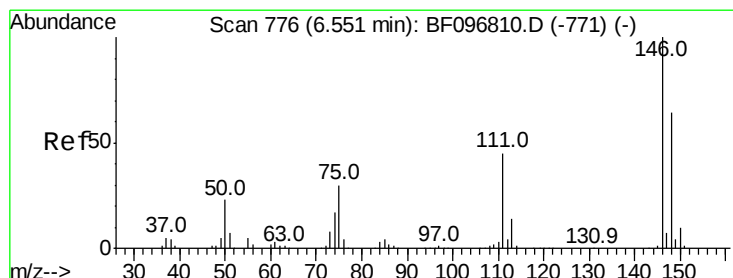
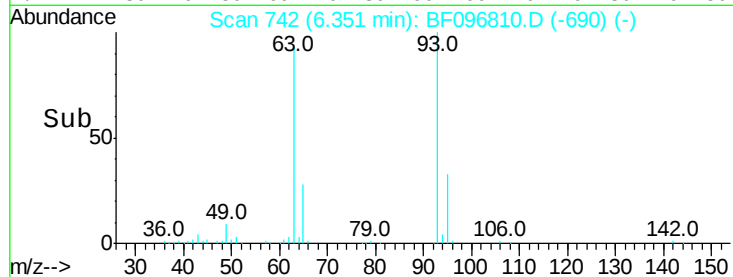
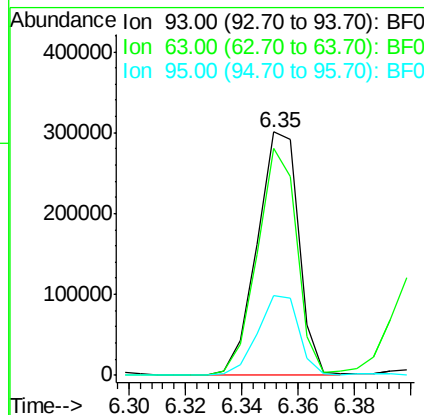
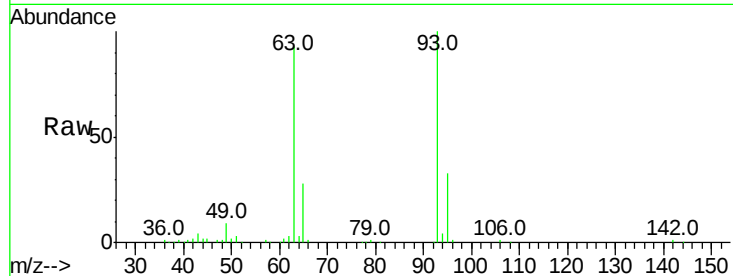
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	304492
Ion Ratio	Lower	Upper	
93	100		
63	93.1	59.2	99.2
95	32.8	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 39.387 ng

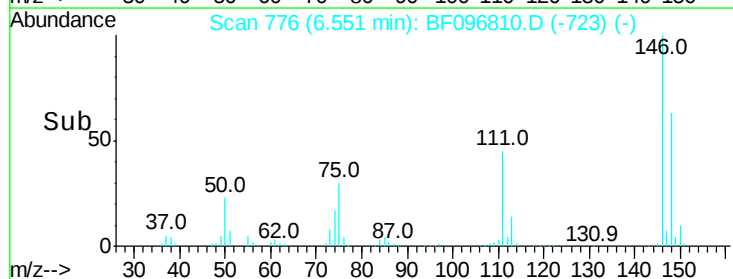
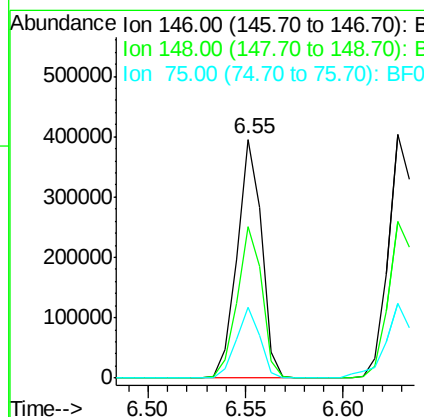
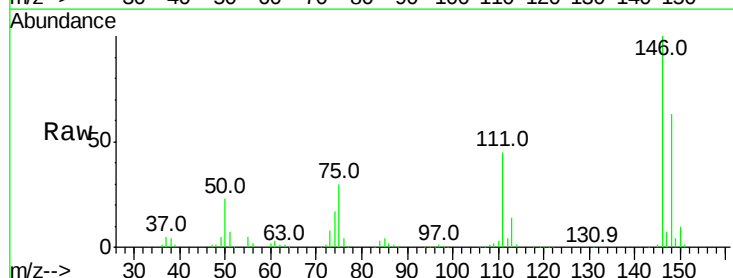
RT: 6.55 min Scan# 776

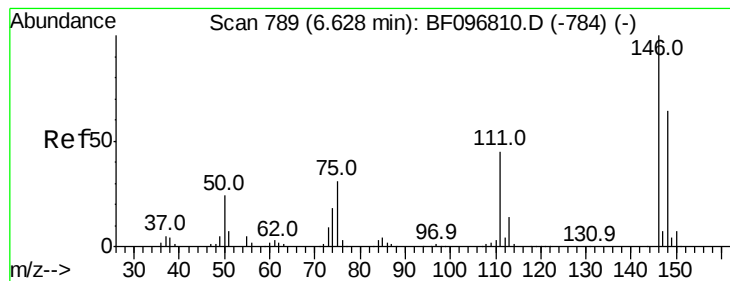
Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Tgt Ion:	146	Resp:	343096
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.6
75	29.8	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 40.088 ng

RT: 6.63 min Scan# 789

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

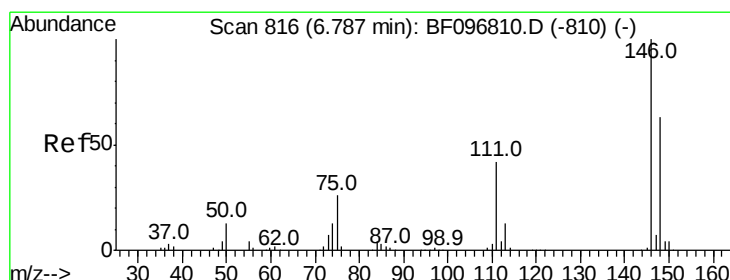
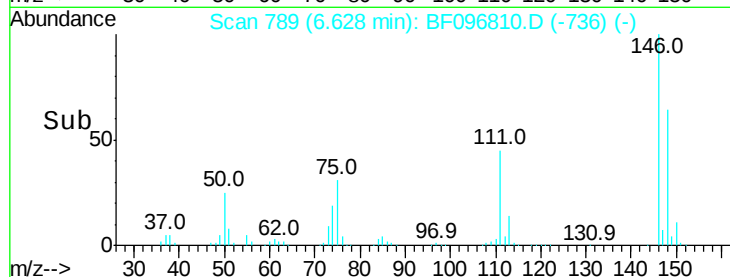
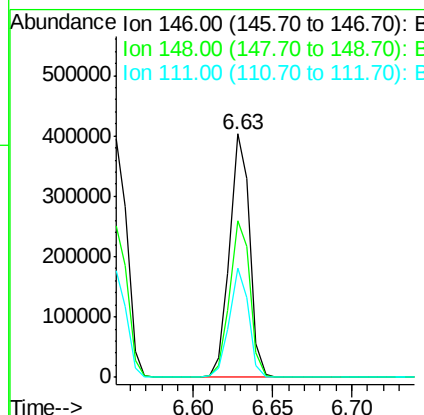
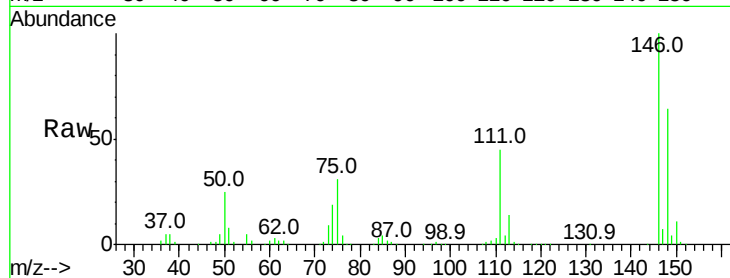
ClientSampled :

SSTDCCC040

Tot Ion:	146	Resp:	353634
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.2	78.2
111	44.6	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 40.788 ng

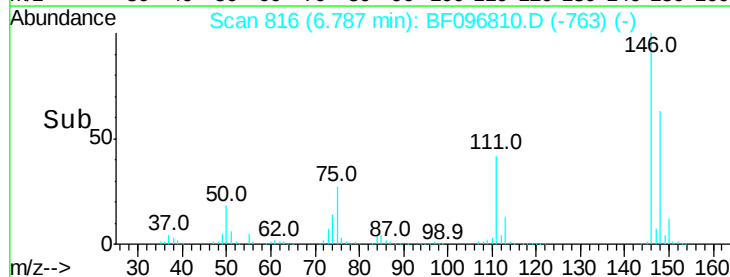
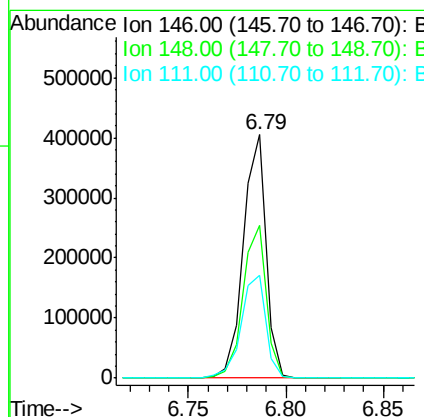
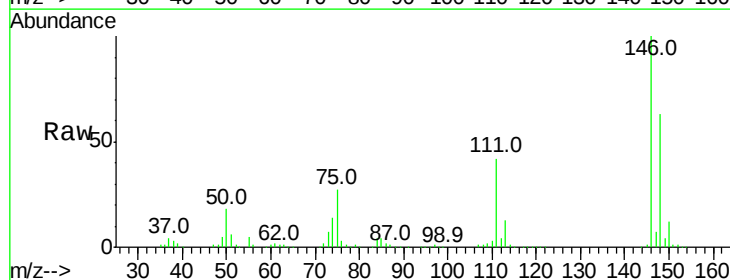
RT: 6.79 min Scan# 816

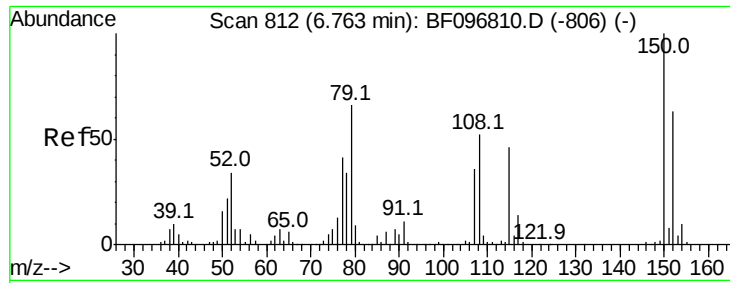
Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Tgt Ion:	146	Resp:	327265
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.4	75.6
111	42.1	38.2	57.4





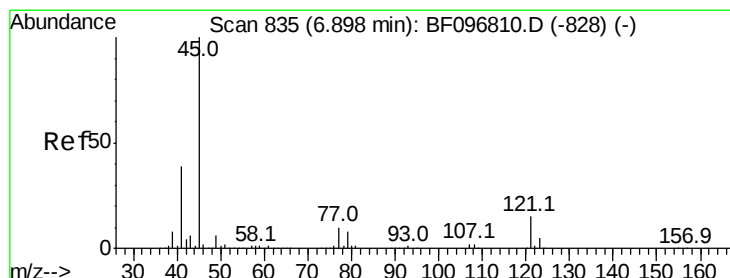
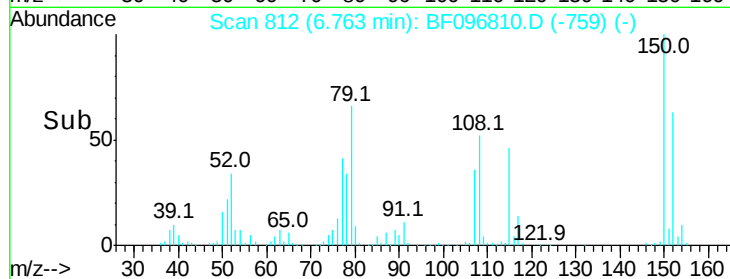
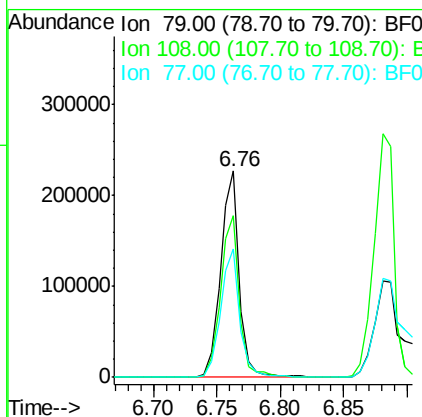
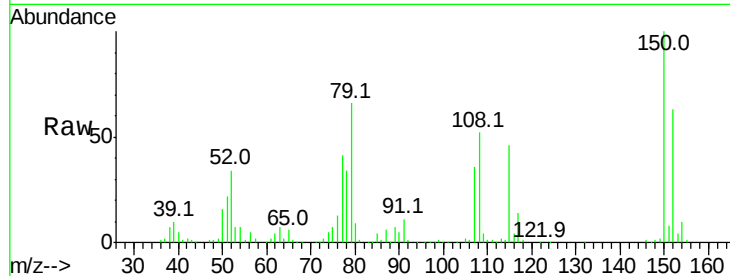
#15
Benzyl Alcohol
Concen: 38.984 ng
RT: 6.76 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.3	63.4	95.0
77	62.3	49.2	73.8

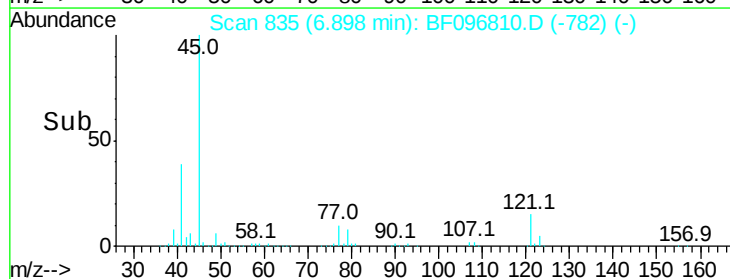
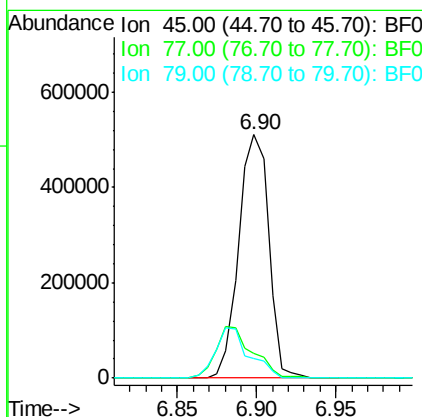
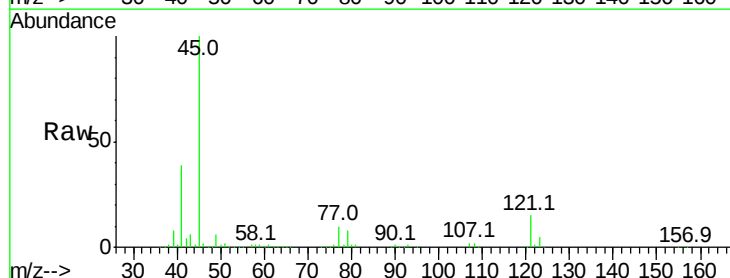
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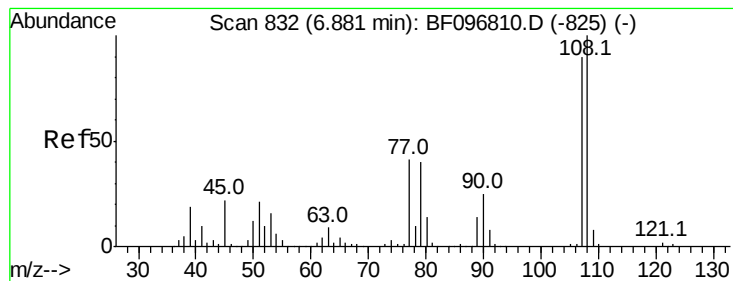
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.990 ng
RT: 6.90 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	33.2
79	7.8	0.0	30.0





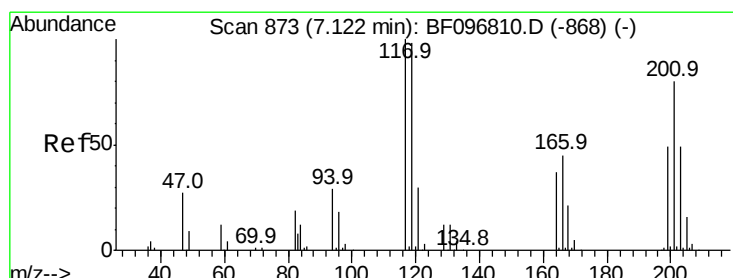
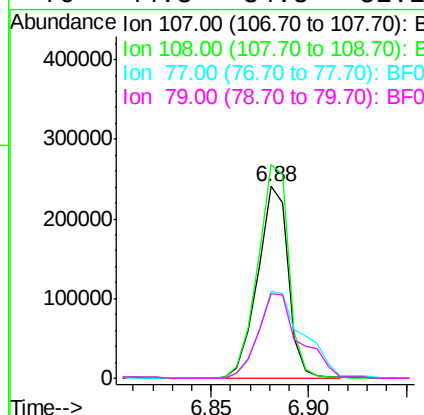
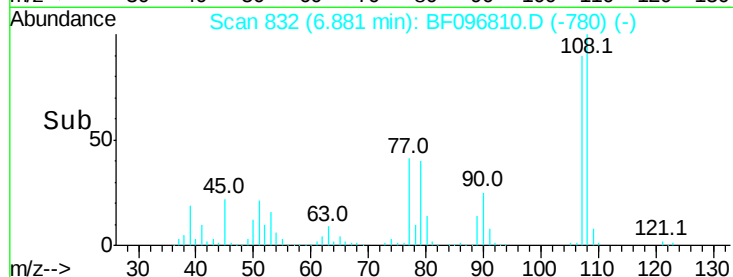
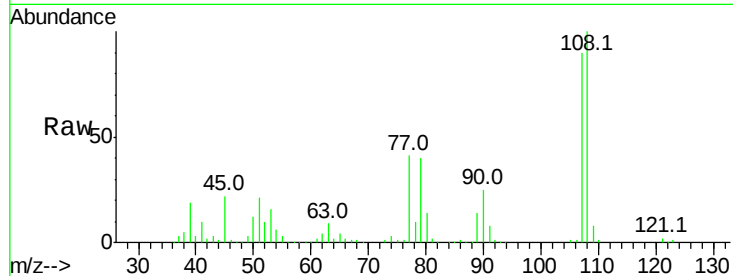
#17
2-Methylphenol
Concen: 41.111 ng
RT: 6.88 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	93.4	140.0	
77	45.4	35.8	53.6	
79	44.3	34.8	52.2	

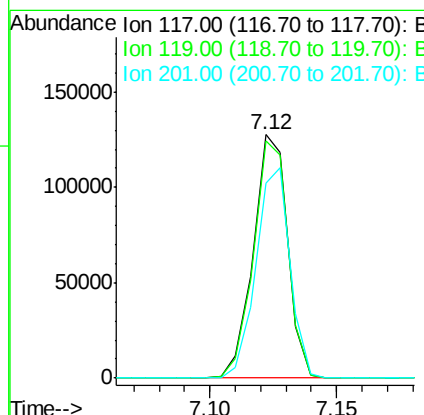
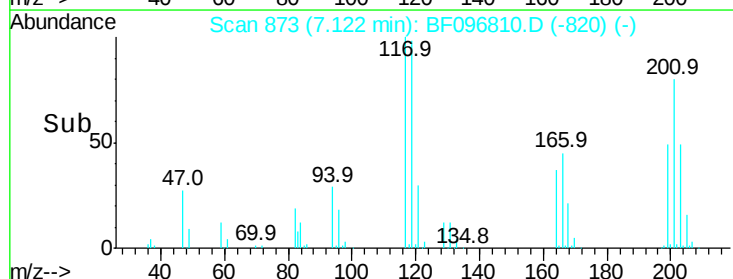
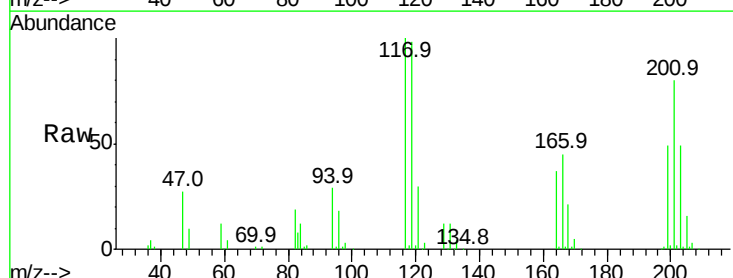
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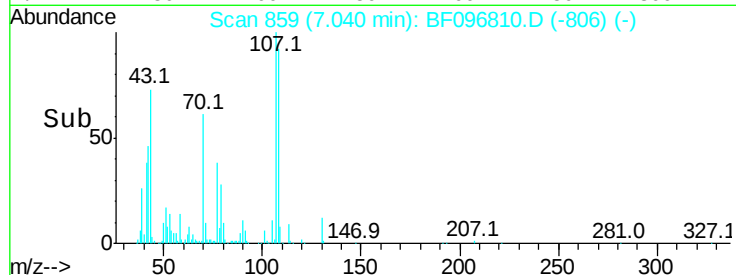
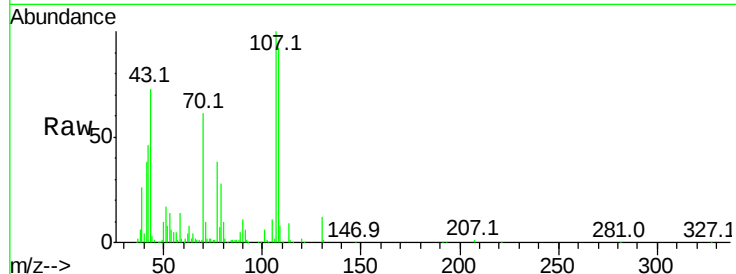
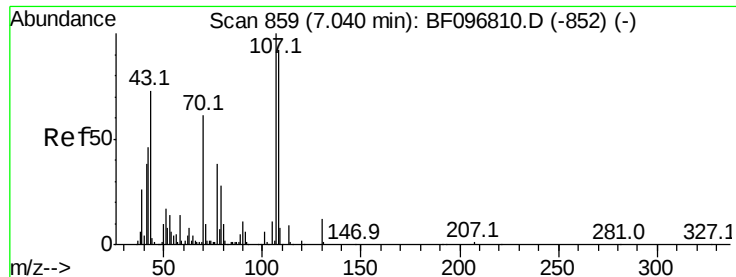
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#18
Hexachloroethane
Concen: 38.404 ng
RT: 7.12 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	77.4	116.0	
201	79.8	94.6	141.8#	





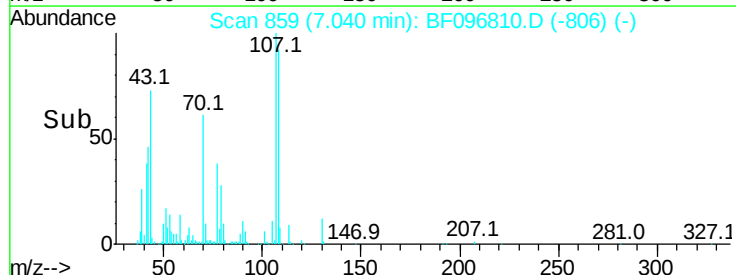
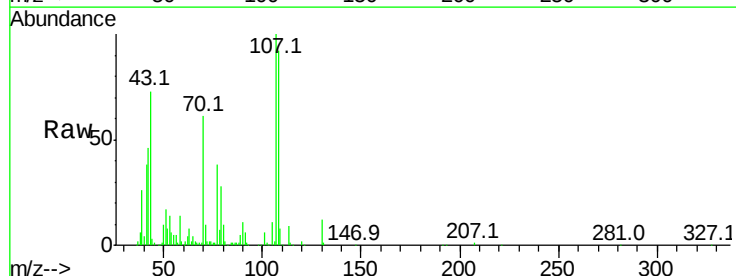
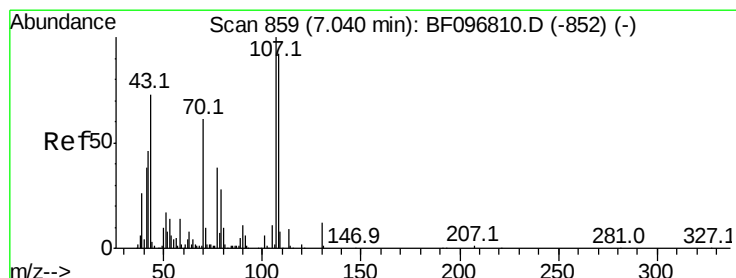
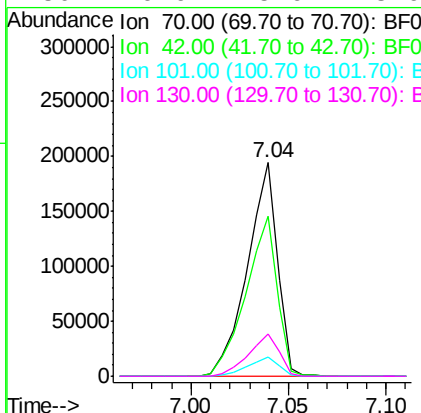
#19
n-Nitroso-di-n-propylamine
Concen: 37.887 ng
RT: 7.04 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	75.2	47.2	70.8#		
101	9.3	7.2	10.8		
130	19.9	15.9	23.9		

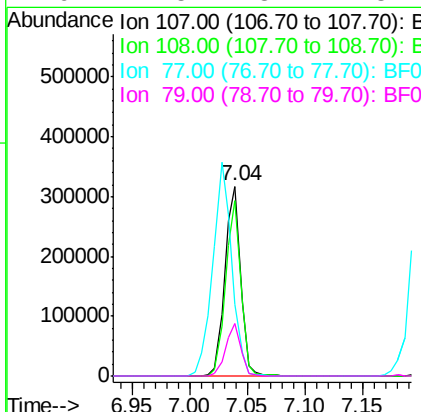
Manual Integrations
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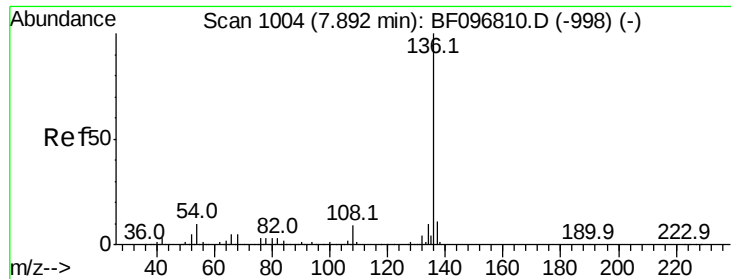
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#20
3+4-Methylphenols
Concen: 38.708 ng
RT: 7.04 min Scan# 859
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.3	71.0	111.0		
77	37.7	90.5	130.5#		
79	27.5	8.4	48.4		





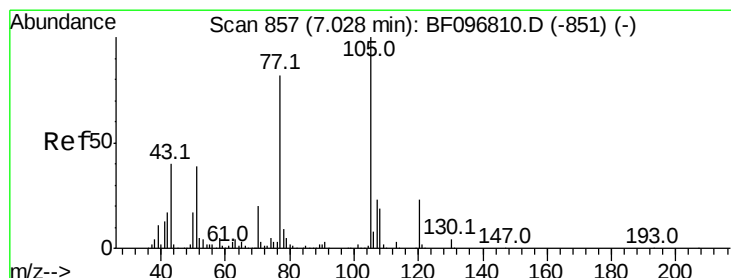
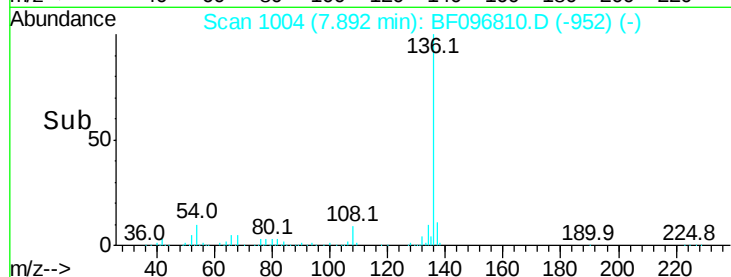
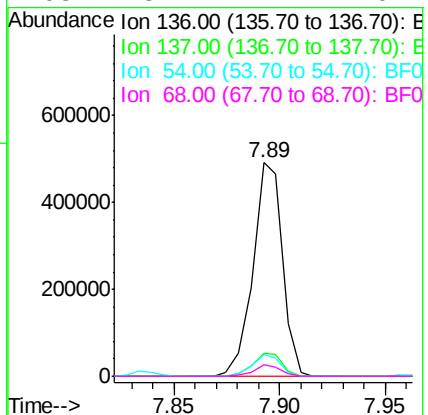
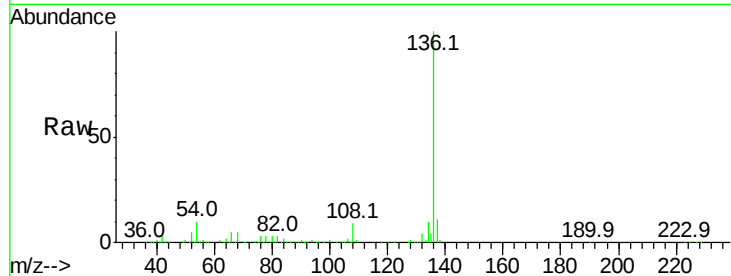
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	477130		
137	10.9		8.5	12.7
54	10.2		4.9	7.3#
68	5.2		4.1	6.1

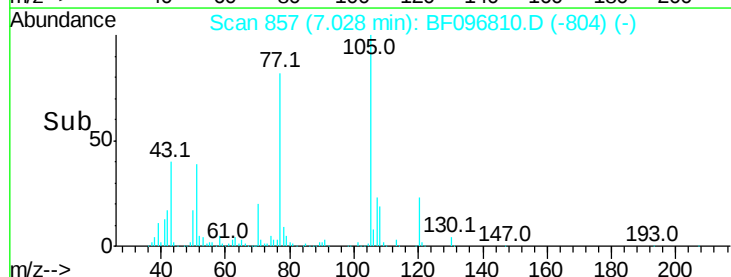
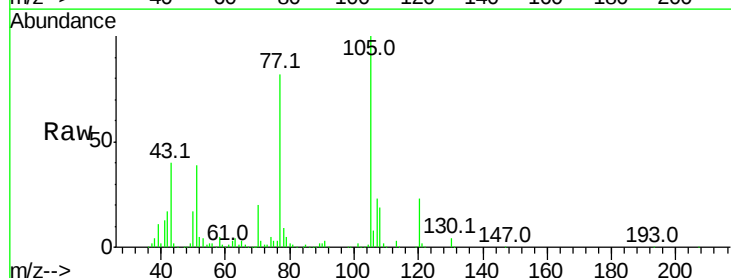
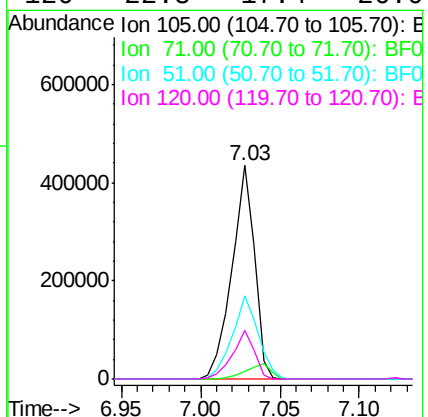
Manual Integrations
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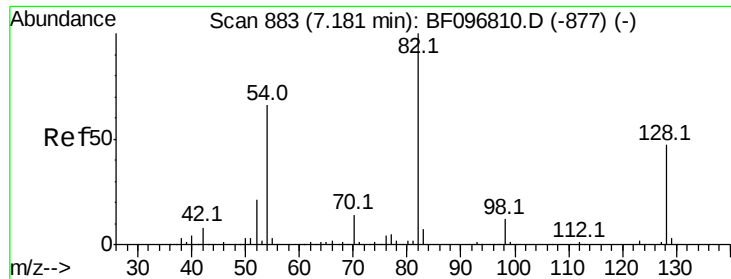
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#22
Acetophenone
Concen: 40.581 ng
RT: 7.03 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	432762		
71	3.3		2.8	4.2
51	38.9		30.7	46.1
120	22.8		17.4	26.0





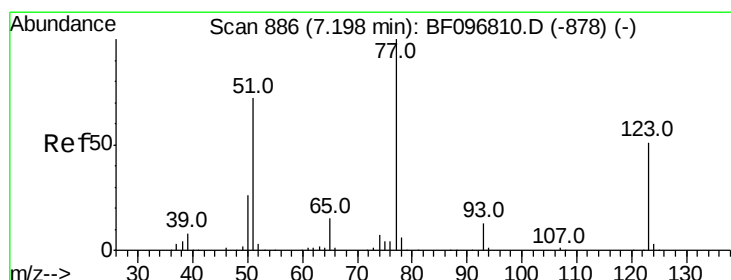
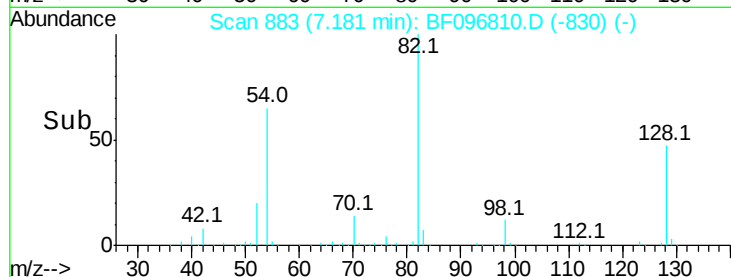
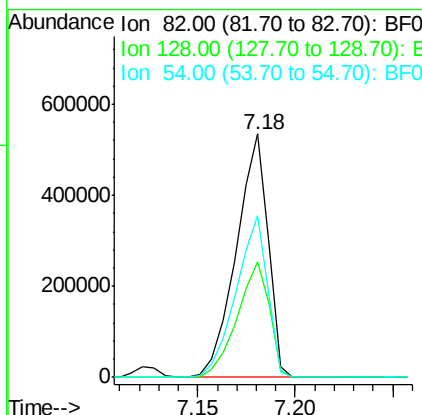
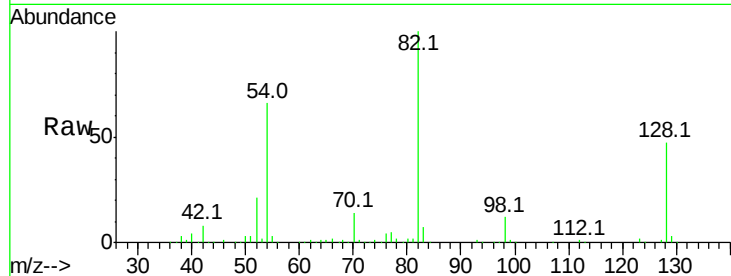
#23
 Nitrobenzene-d5
 Concen: 77.851 ng
 RT: 7.18 min Scan# 883
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.3	34.0	51.0	
54	66.2	42.2	63.2	

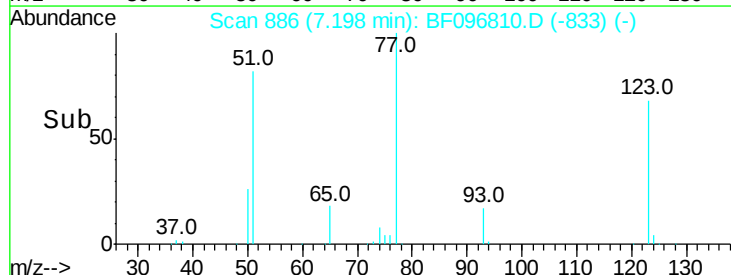
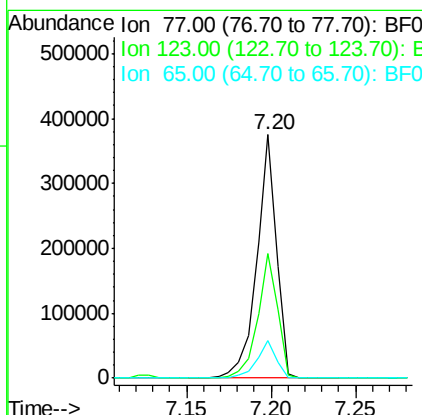
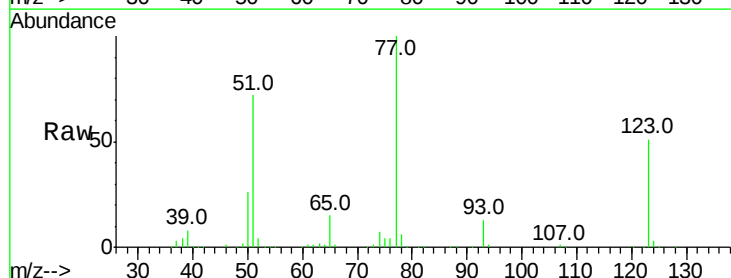
Manual Integrations
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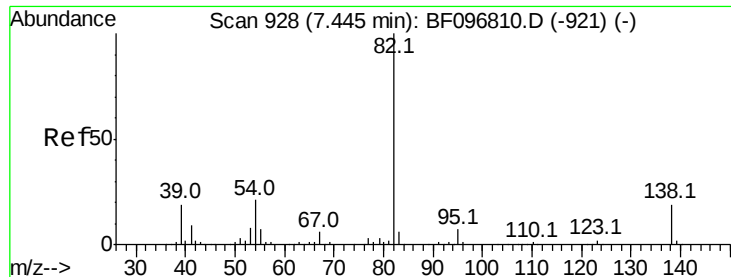
mohammad
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#24
 Nitrobenzene
 Concen: 38.418 ng
 RT: 7.20 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	51.2	35.8	53.8	
65	15.2	10.6	15.8	





#25

Isophorone

Concen: 41.708 ng

RT: 7.45 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

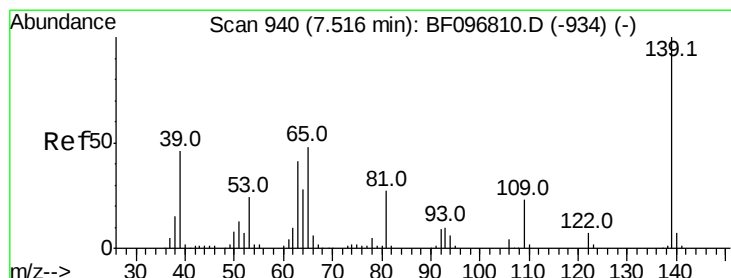
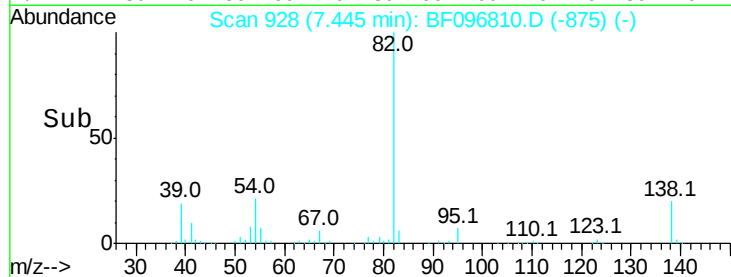
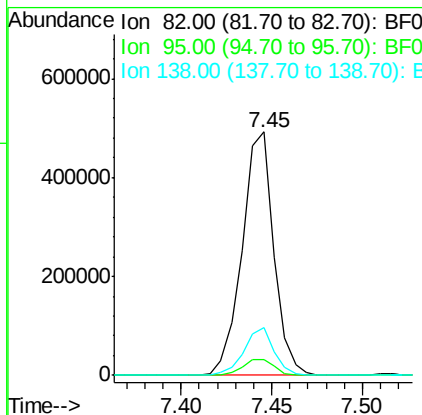
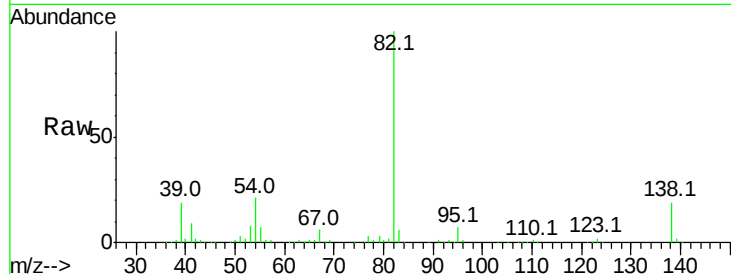
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	597668
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 40.323 ng

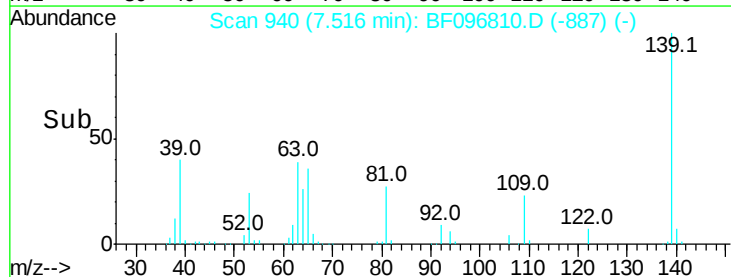
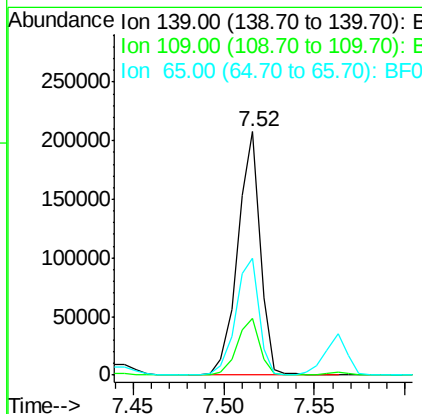
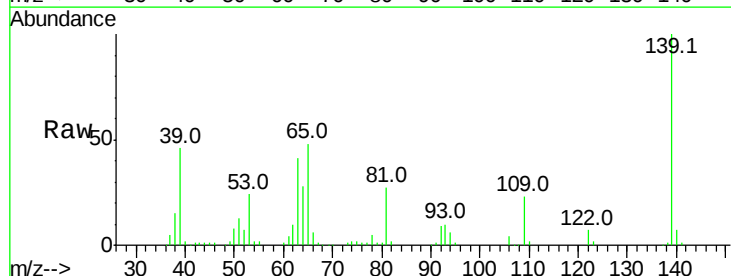
RT: 7.52 min Scan# 940

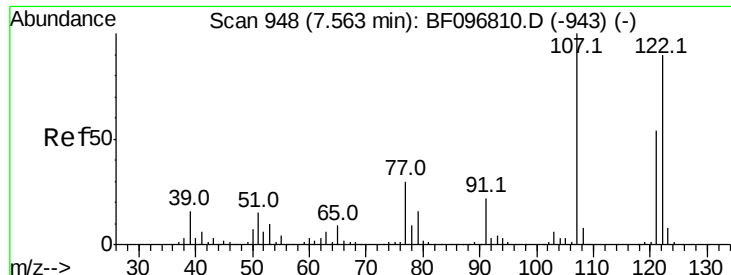
Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Tgt Ion:	139	Resp:	178623
Ion Ratio	Lower	Upper	
139	100		
109	23.3	21.0	31.6
65	47.9	33.0	49.6





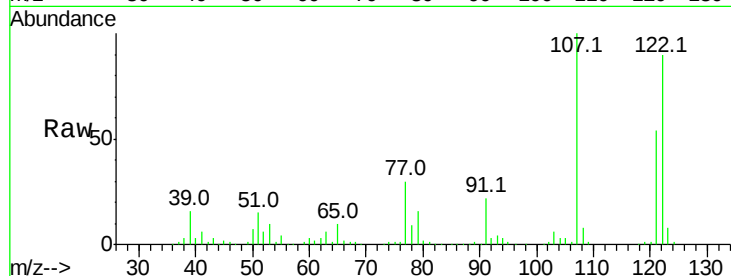
#27
2,4-Dimethylphenol
Concen: 41.191 ng
RT: 7.56 min Scan# 948
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

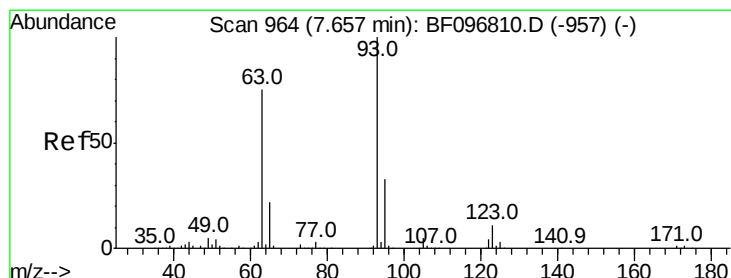
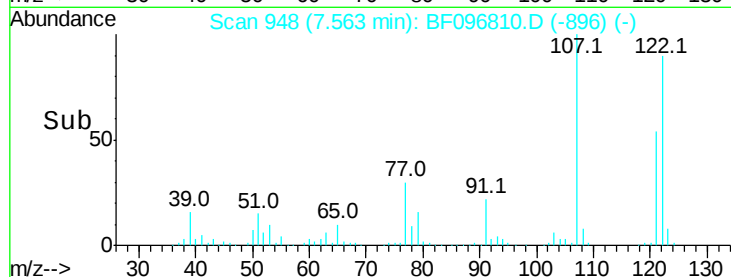
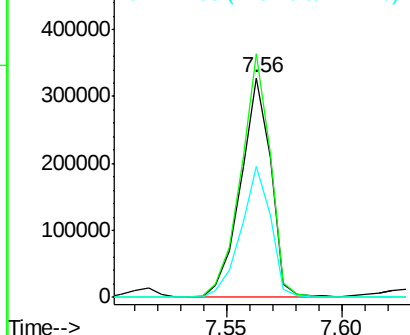
Tot Ion	Ratio	Resp	Lower	Upper
122	100	300184		
107	110.9	89.2	133.8	
121	59.5	45.2	67.8	

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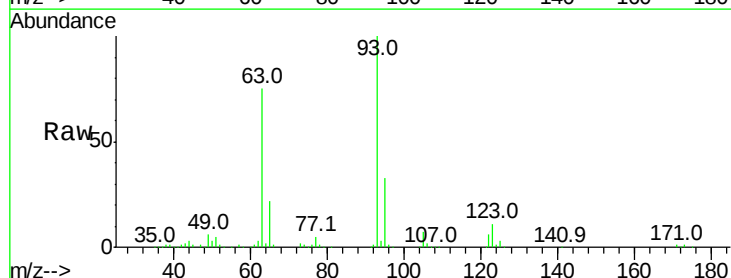


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

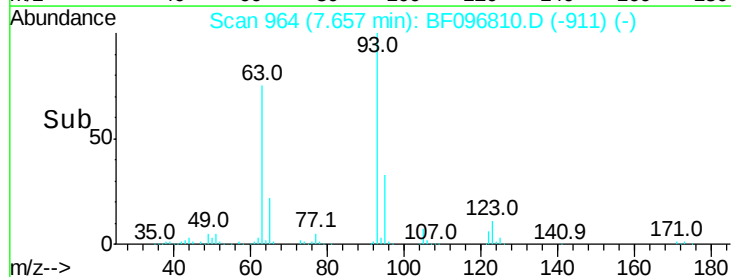
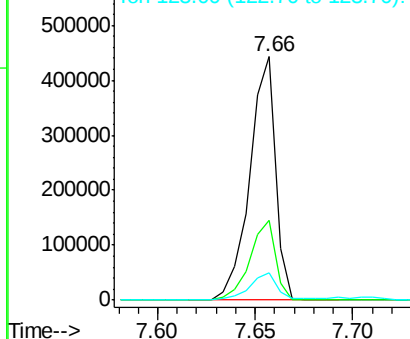


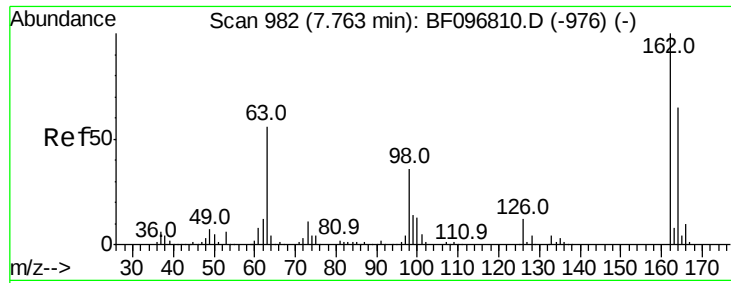
#28
bis(2-Chloroethoxy)methane
Concen: 41.929 ng
RT: 7.66 min Scan# 964
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	405998		
95	32.7	26.5	39.7	
123	11.1	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





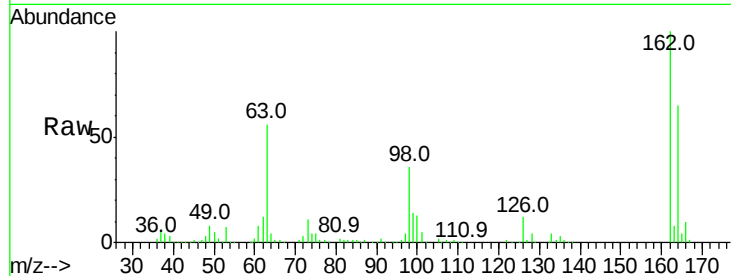
#29
 2,4-Dichlorophenol
 Concen: 38.652 ng
 RT: 7.76 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

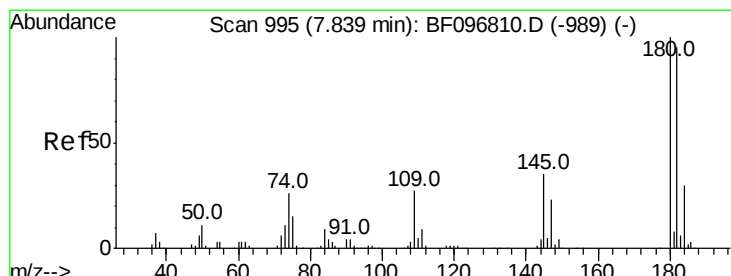
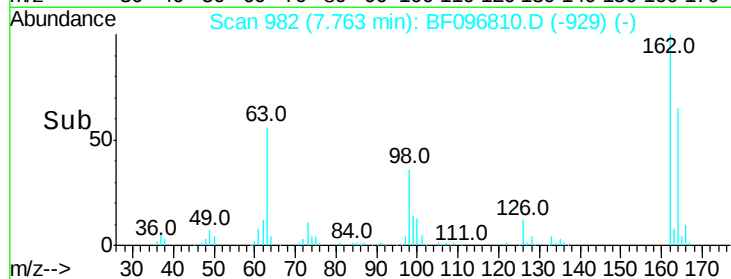
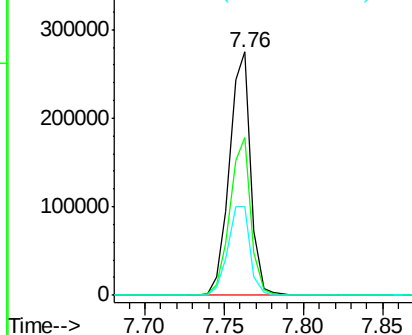
Tot Ion	Ratio	Resp	Lower	Upper
162	100	254975		
164	64.7		44.6	84.6
98	36.4		14.8	54.8

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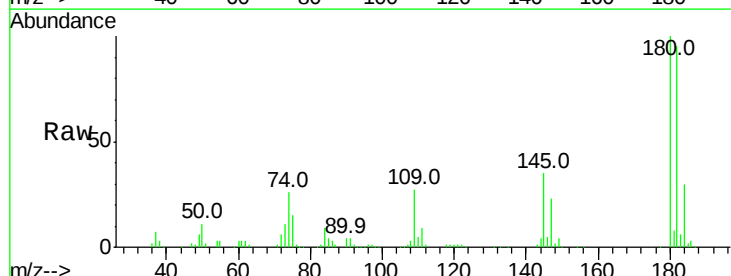


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

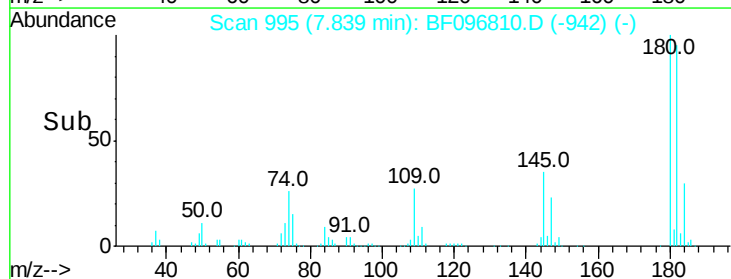
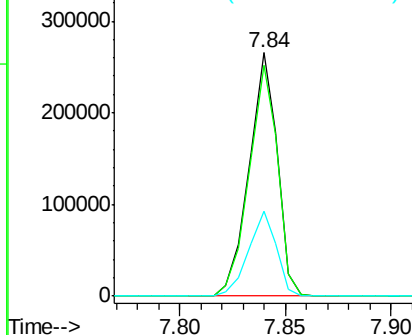


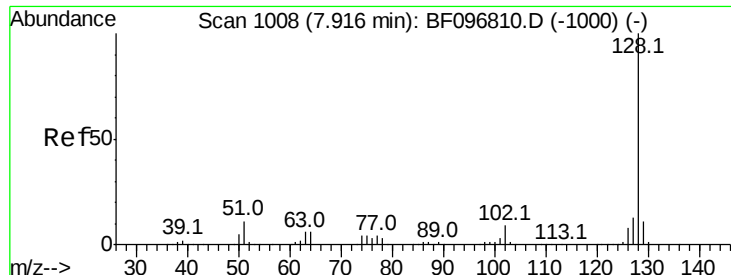
#30
 1,2,4-Trichlorobenzene
 Concen: 39.223 ng
 RT: 7.84 min Scan# 995
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	246007		
182	94.8		75.8	113.6
145	34.9		25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





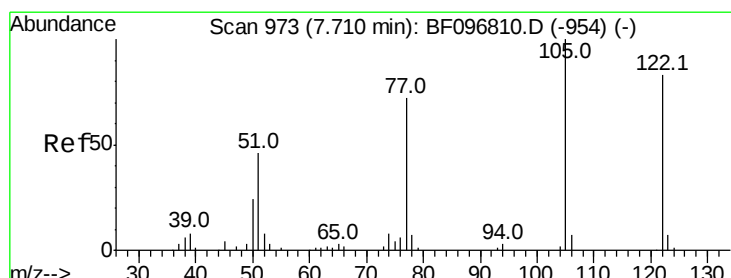
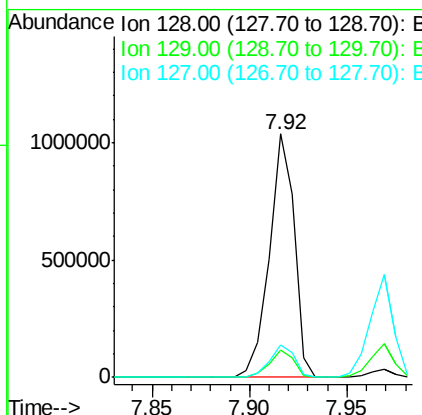
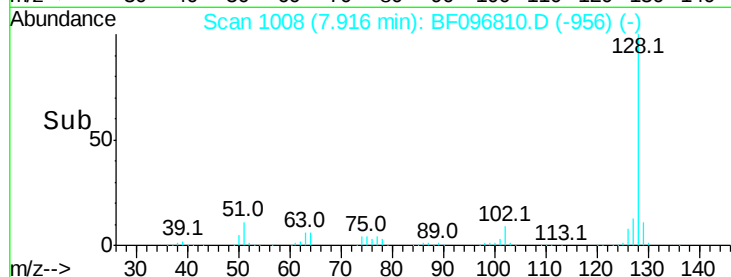
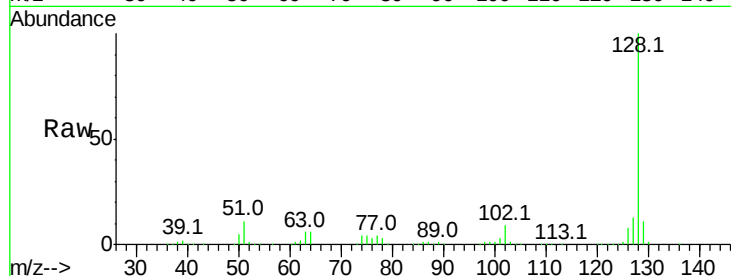
#31
Naphthalene
Concen: 40.589 ng
RT: 7.92 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.4	10.8	16.2

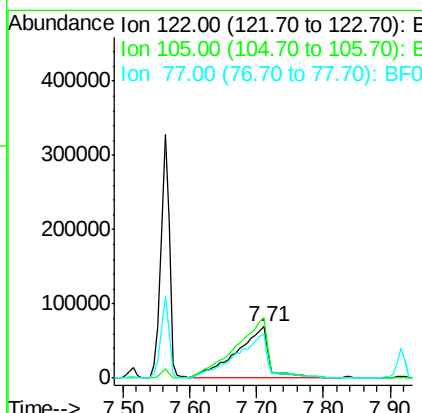
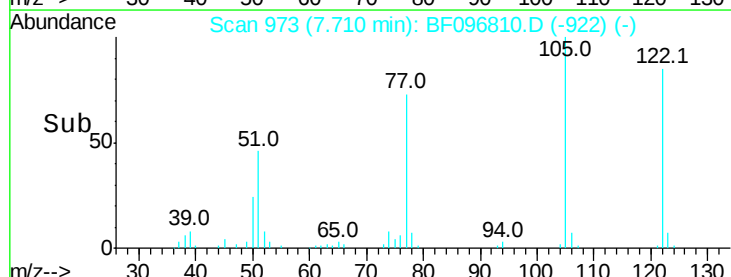
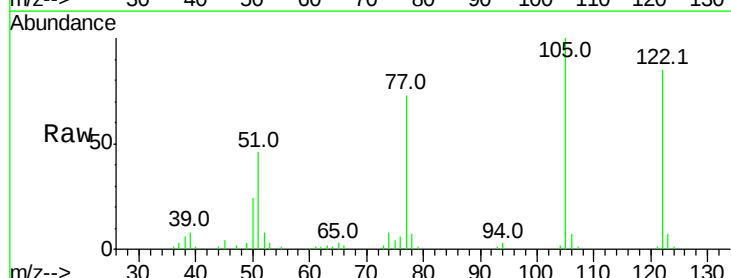
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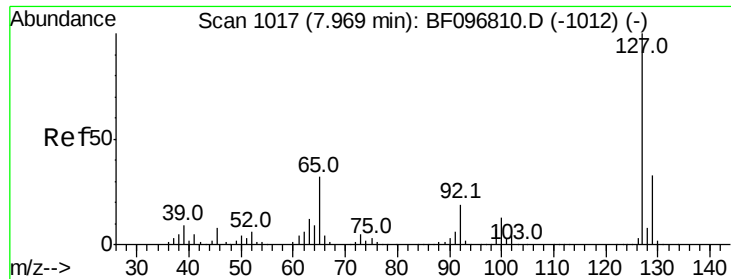
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#32
Benzoic acid
Concen: 49.474 ng
RT: 7.71 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.1	103.3	143.3
77	86.2	73.7	113.7





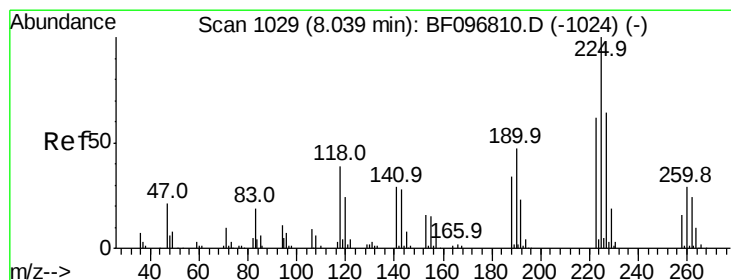
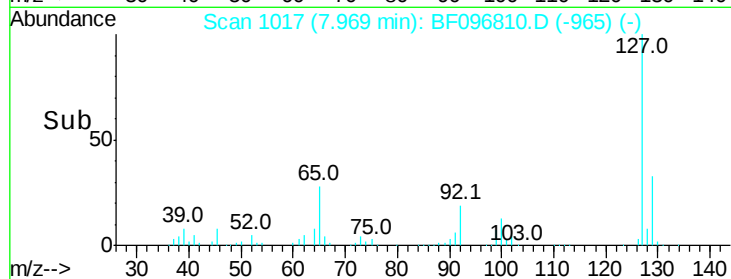
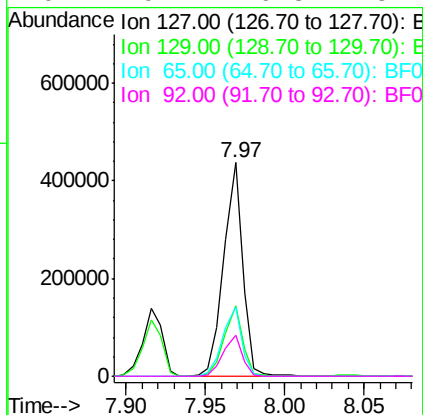
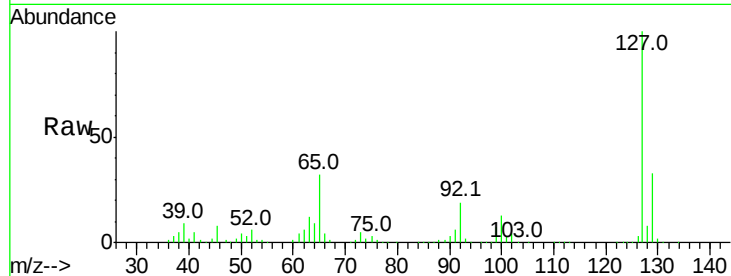
#33
4-Chloroaniline
Concen: 40.843 ng
RT: 7.97 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		365757		
129	33.2	26.2	39.2		
65	32.3	27.8	41.8		
92	19.2	16.8	25.2		

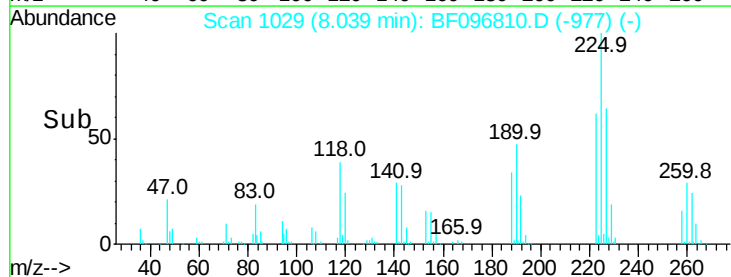
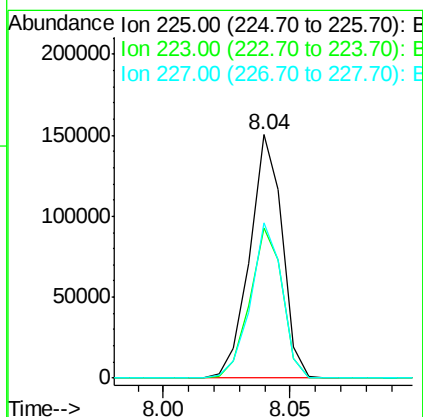
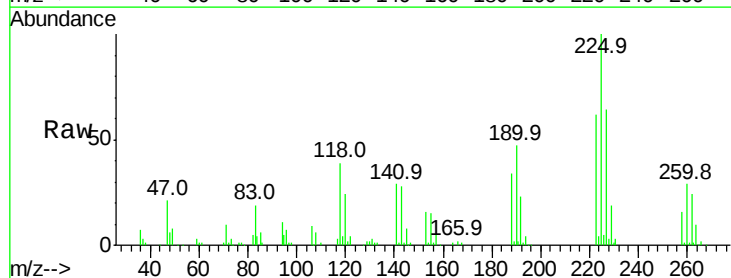
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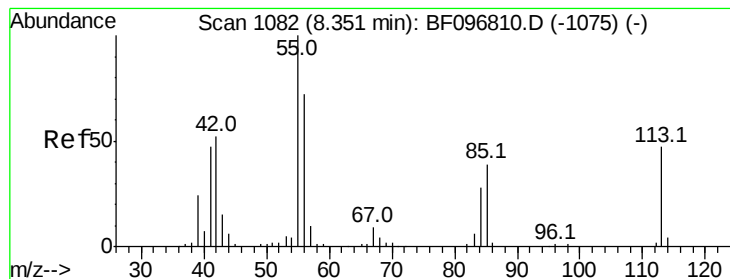
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#34
Hexachlorobutadiene
Concen: 39.865 ng
RT: 8.04 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		133478		
223	61.8	48.8	73.2		
227	63.6	51.1	76.7		





#35

Caprolactam

Concen: 37.084 ng

RT: 8.35 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 78383

Ion Ratio Lower Upper

113 100

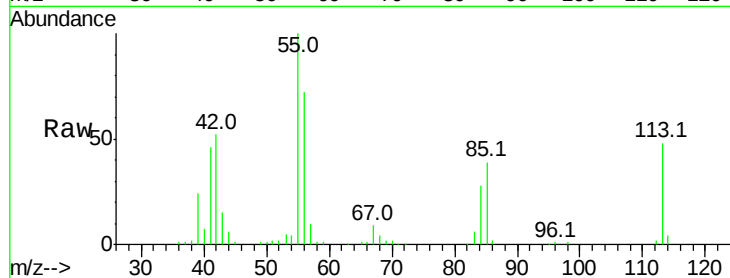
55 210.3 150.2 190.2#

56 151.1 107.8 147.8#

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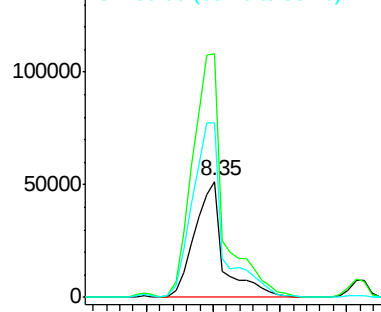
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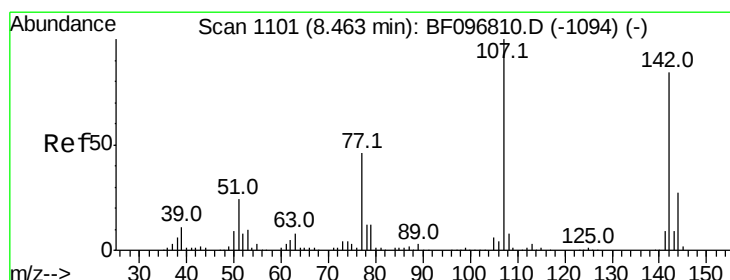
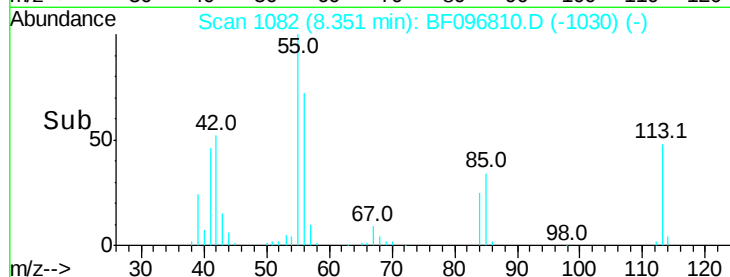
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 37.765 ng

RT: 8.46 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

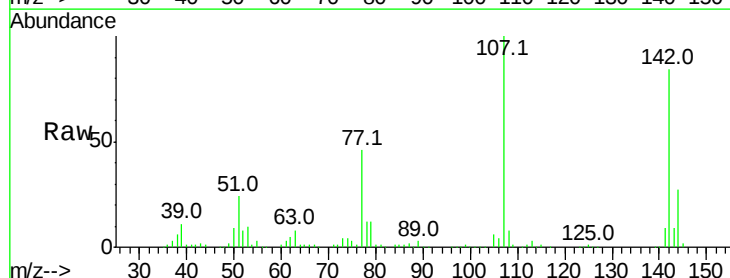
Tgt Ion:107 Resp: 267871

Ion Ratio Lower Upper

107 100

144 27.2 24.2 36.4

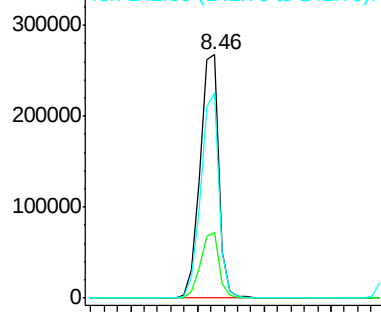
142 84.2 73.4 110.0



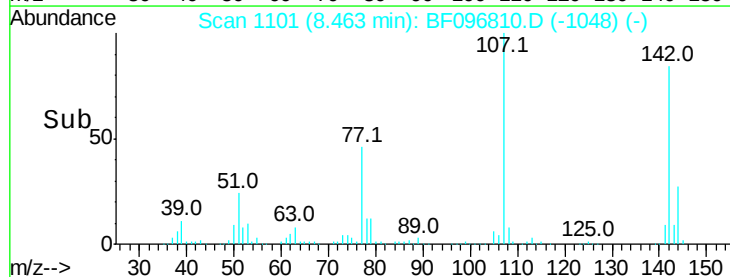
Abundance Ion 107.00 (106.70 to 107.70): E

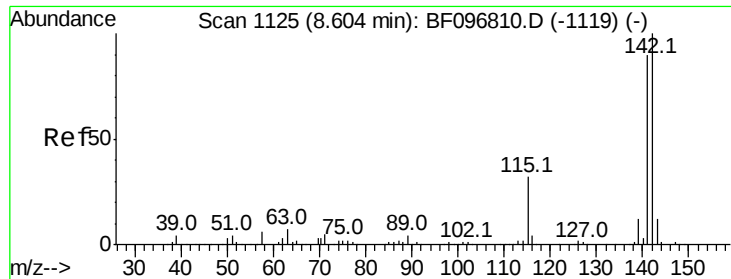
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





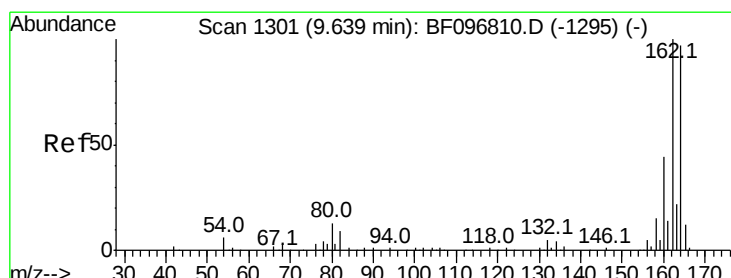
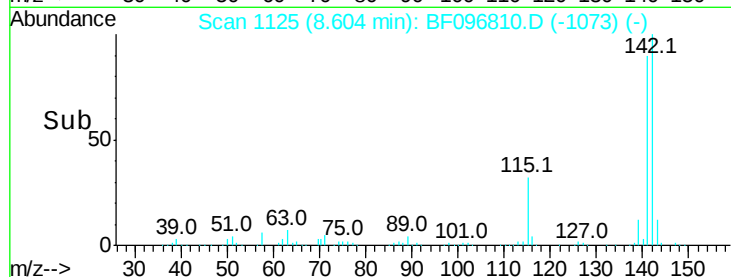
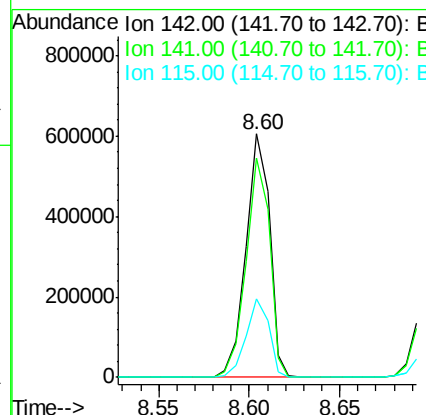
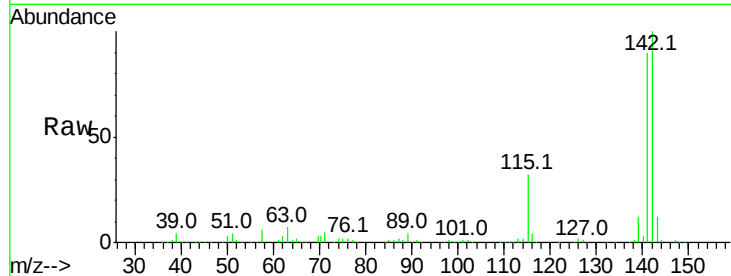
#37
2-Methylnaphthalene
Concen: 38.256 ng
RT: 8.60 min Scan# 1125
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	32.5	27.1	40.7

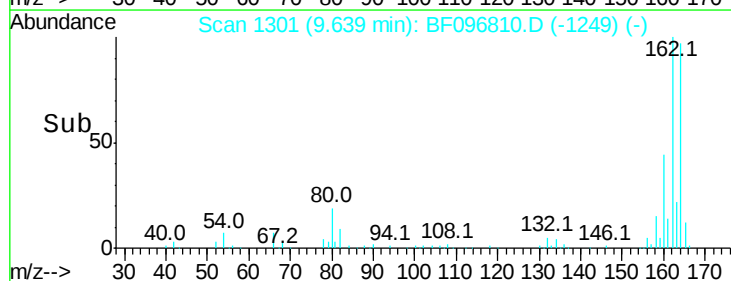
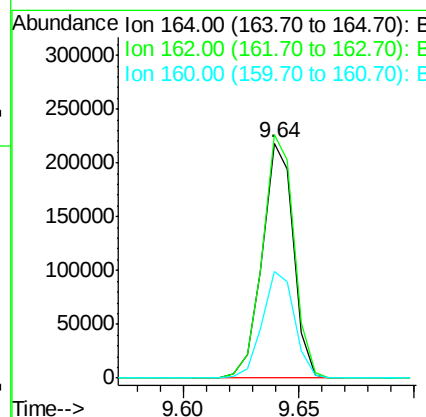
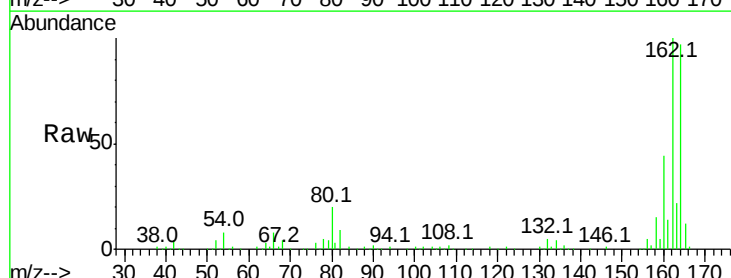
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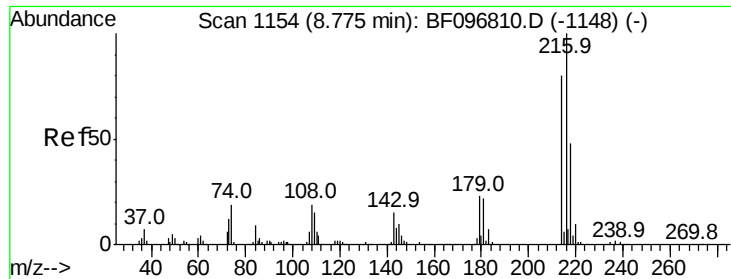
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	45.3	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.833 ng

RT: 8.77 min Scan# 1154

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

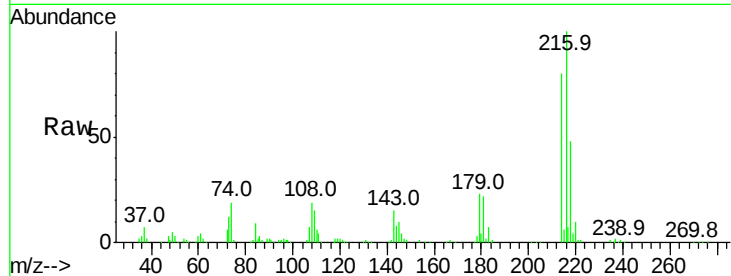
ClientSampleId :

SSTDCCC040

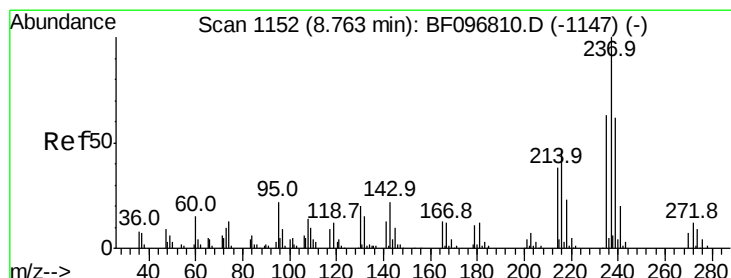
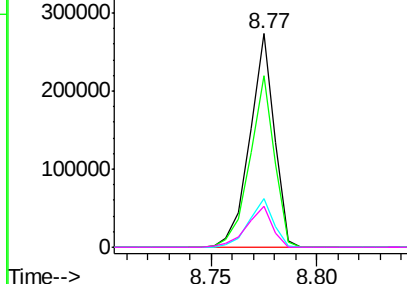
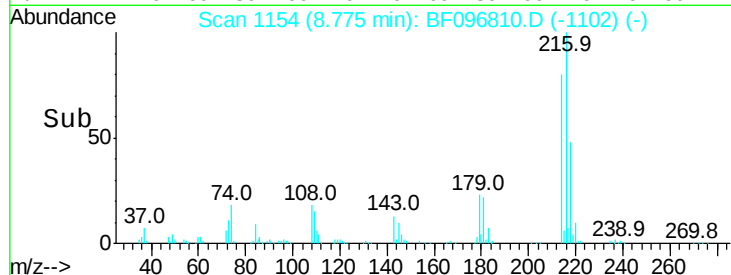
Tot Ion	Ratio	Resp	Lower	Upper
216	100	221667		
214	80.0	63.4	95.2	
179	22.7	17.9	26.9	
108	19.9	16.5	24.7	

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



#40

Hexachlorocyclopentadiene

Concen: 38.514 ng

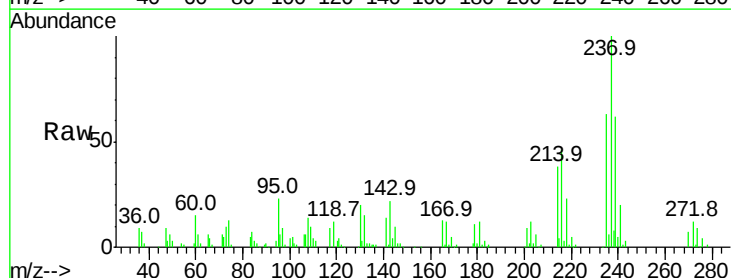
RT: 8.76 min Scan# 1152

Delta R.T. 0.01 min

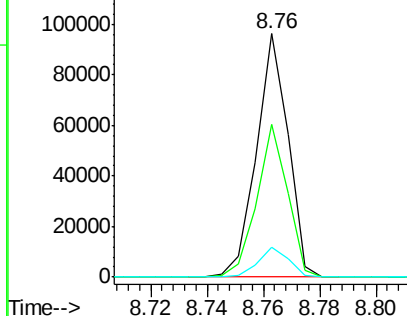
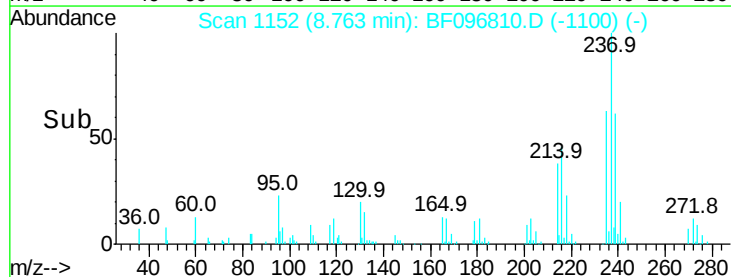
Lab File: BF096810.D

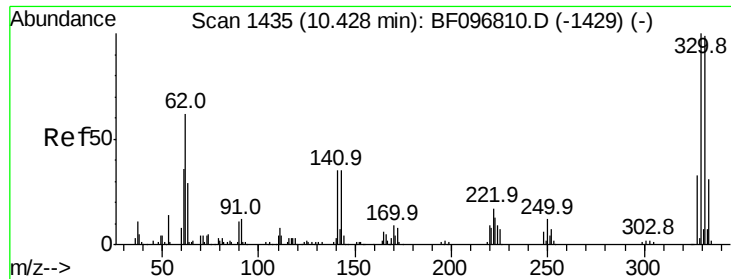
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	74841		
235	62.5	42.6	82.6	
272	12.2	0.0	31.9	



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





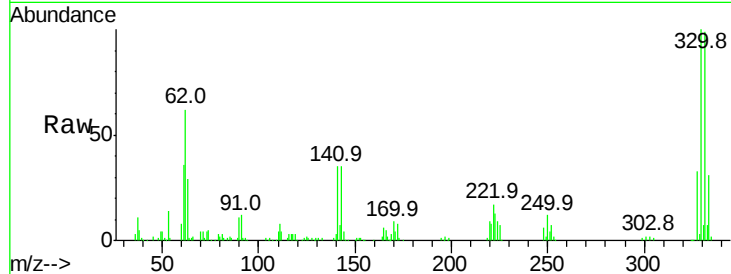
#41
 2,4,6-Tribromophenol
 Concen: 82.602 ng
 RT: 10.43 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

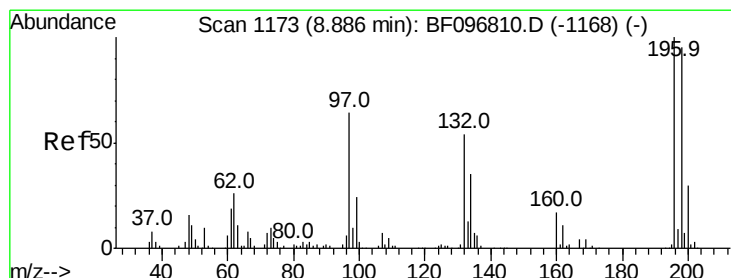
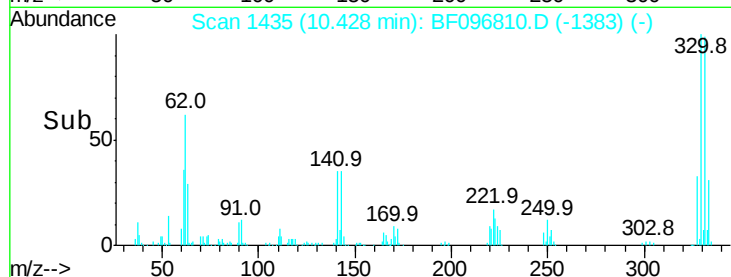
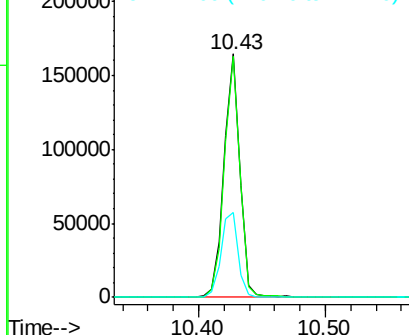
Tot Ion	Ratio	Resp	Lower	Upper
330	100	145149		
332	96.6	76.6	115.0	
141	37.4	31.4	47.2	

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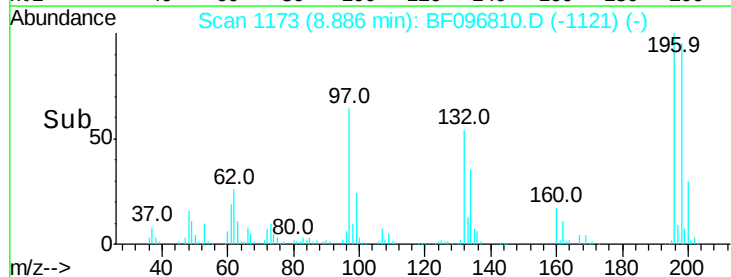
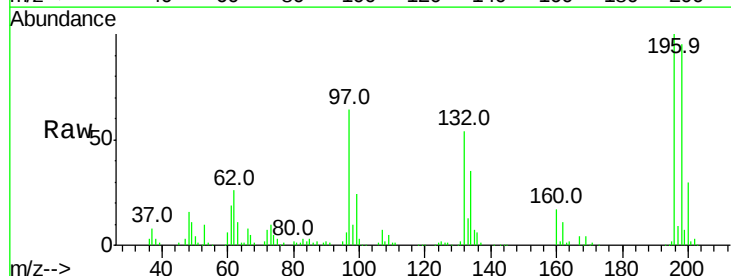
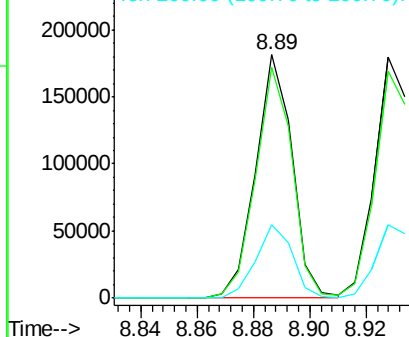
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

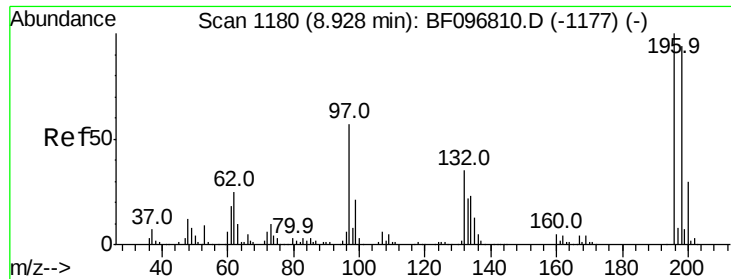


#42
 2,4,6-Trichlorophenol
 Concen: 39.696 ng
 RT: 8.89 min Scan# 1173
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	162948		
198	94.9	74.2	111.4	
200	30.1	24.0	36.0	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





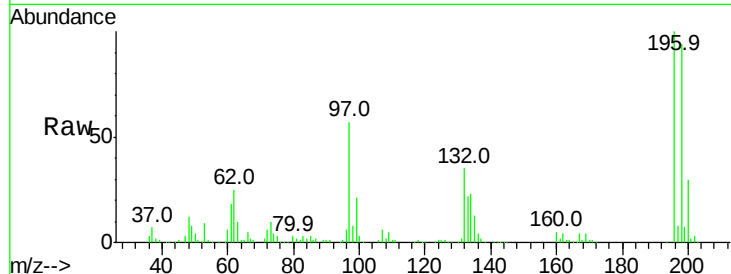
#43
 2,4,5-Trichlorophenol
 Concen: 39.718 ng
 RT: 8.93 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	196	Resp	164430
Ion Ratio	Lower	Upper	
196	100		
198	94.1	75.7	113.5
97	57.3	47.7	71.5
132	34.8	28.0	42.0

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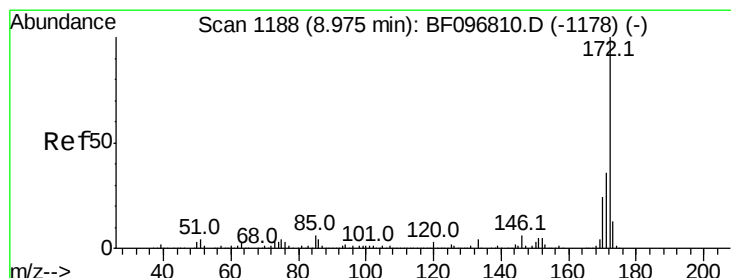
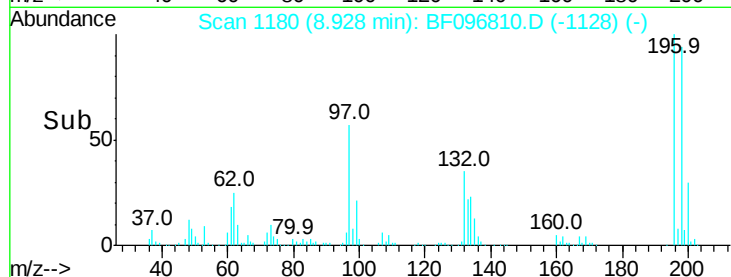
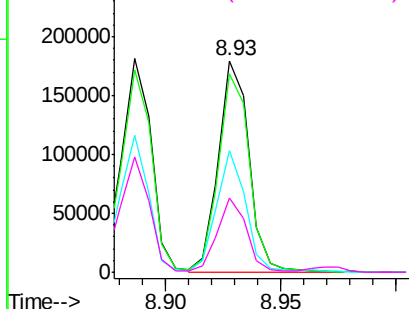
Abundance

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: 76.709 ng
 RT: 8.97 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

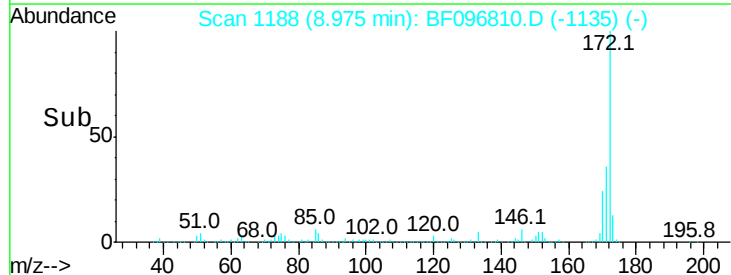
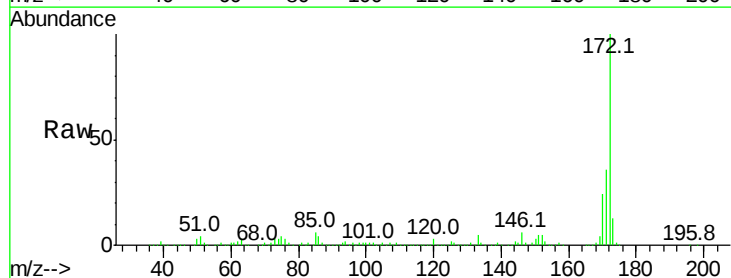
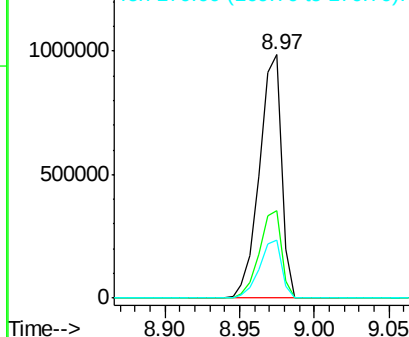
Tgt Ion	172	Resp	999511
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.6	44.4
170	23.7	19.8	29.8

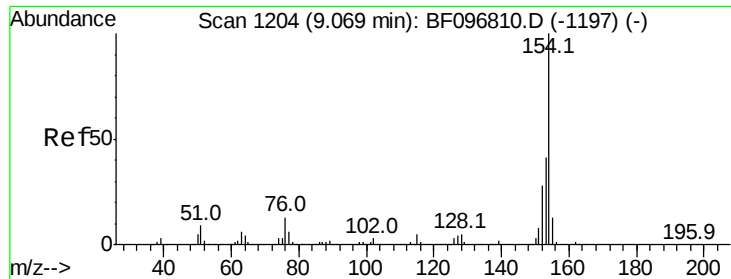
Abundance

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: 39.374 ng

RT: 9.07 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

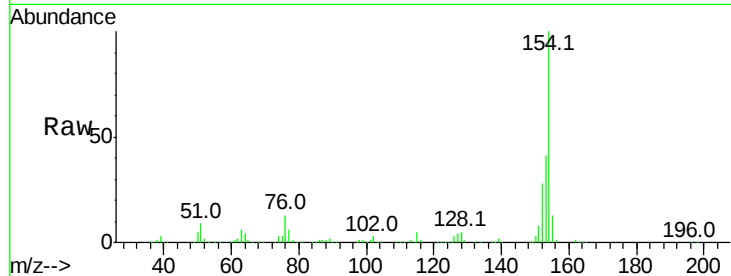
ClientSampleId :

SSTDCCC040

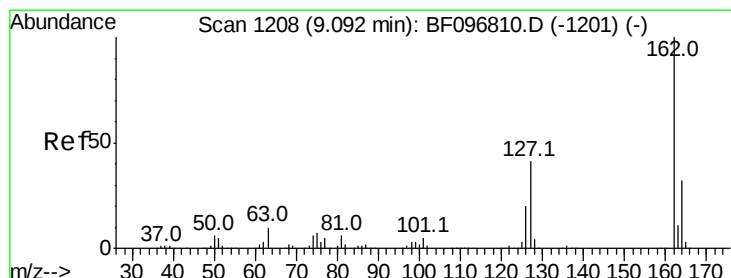
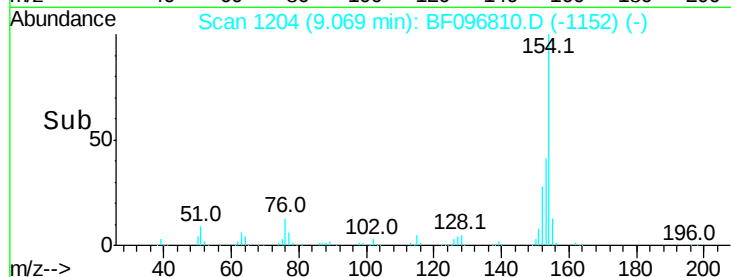
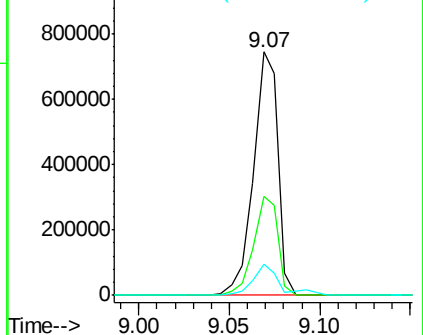
Tot Ion:	154	Resp:	695166
Ion Ratio	Lower	Upper	
154	100		
153	40.6	21.2	61.2
76	12.9	0.0	29.9

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



#46

2-Chloronaphthalene

Concen: 39.872 ng

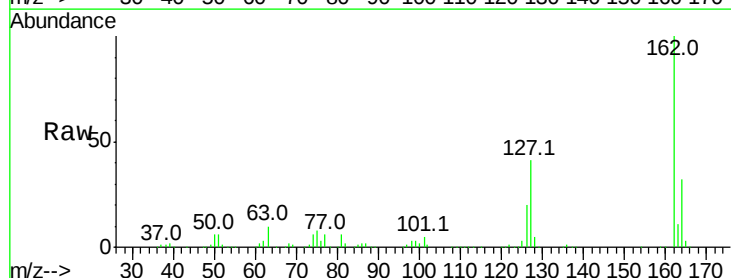
RT: 9.09 min Scan# 1208

Delta R.T. 0.01 min

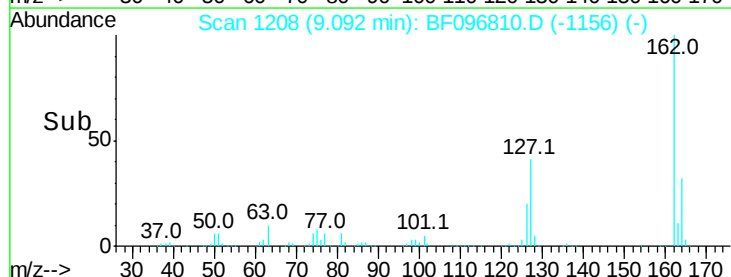
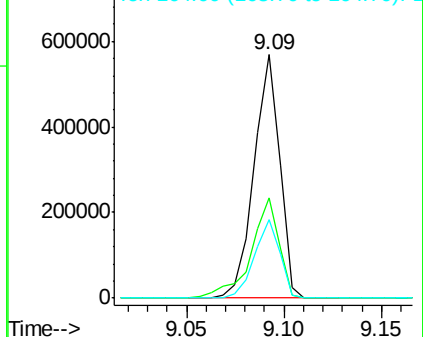
Lab File: BF096810.D

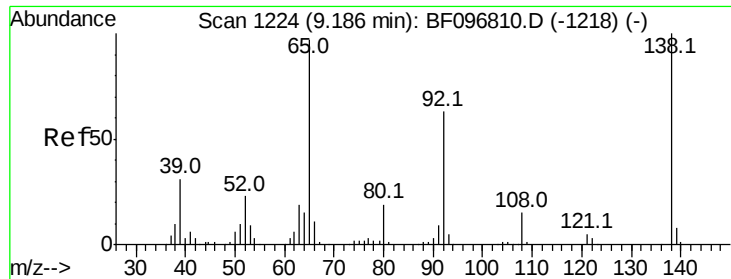
Acq: 17 Jul 2017 10:48

Tgt Ion:	162	Resp:	518365
Ion Ratio	Lower	Upper	
162	100		
127	41.2	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





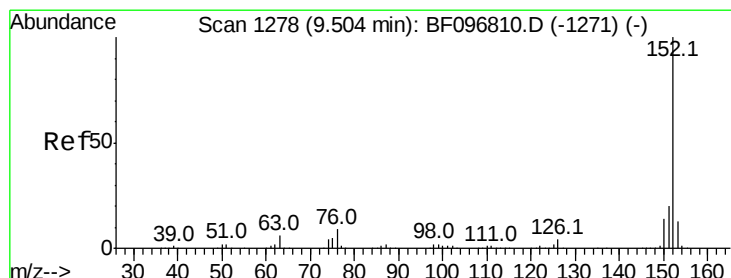
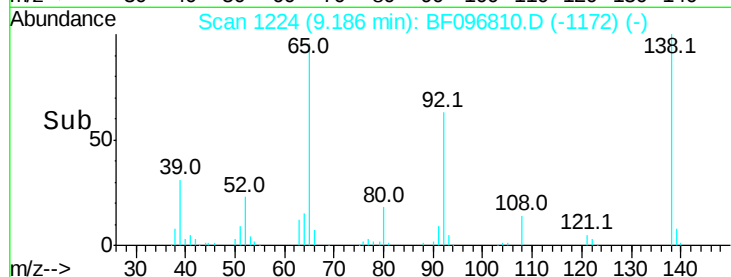
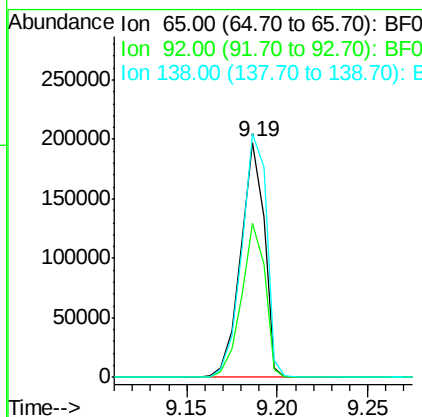
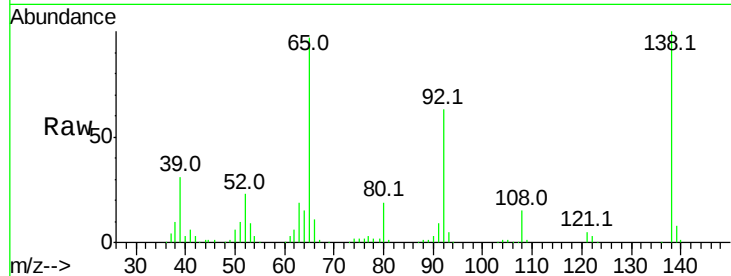
#47
2-Nitroaniline
Concen: 40.057 ng
RT: 9.19 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.3	53.9	80.9
138	103.5	78.8	118.2

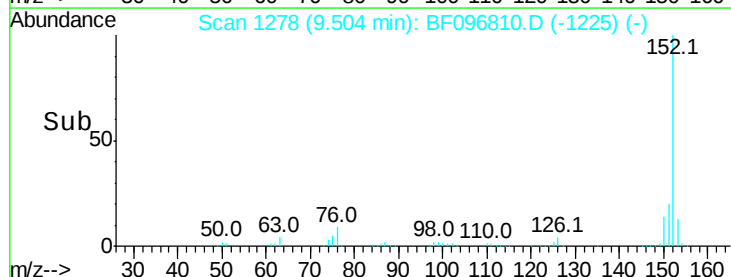
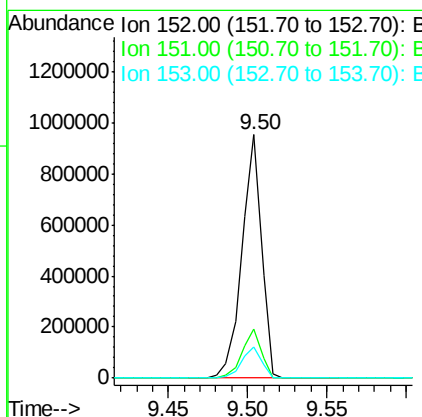
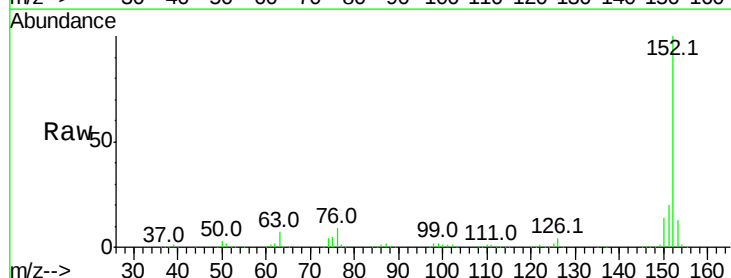
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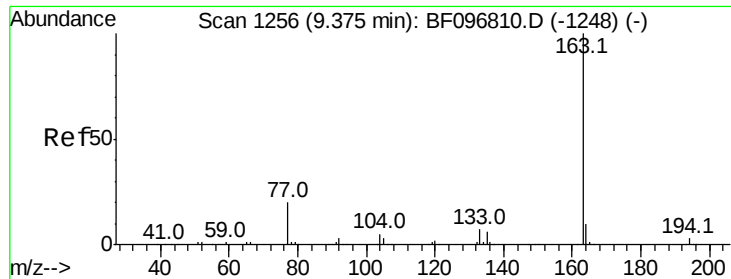
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#48
Acenaphthylene
Concen: 39.222 ng
RT: 9.50 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.8	25.2
153	12.9	10.8	16.2





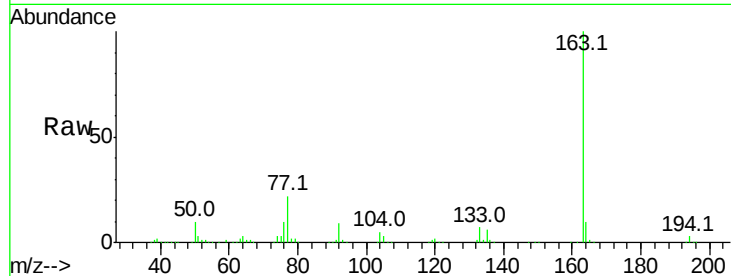
#49
Dimethylphthalate
Concen: 39.498 ng
RT: 9.37 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

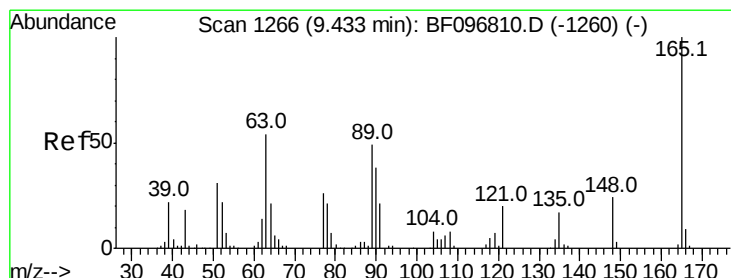
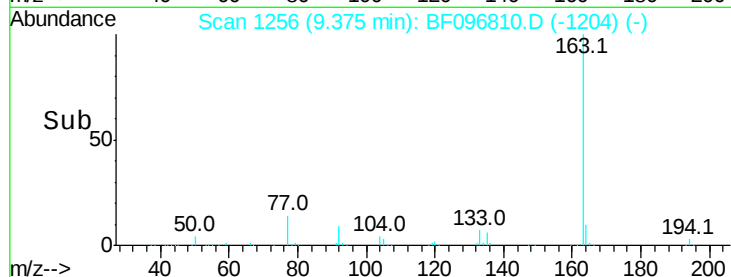
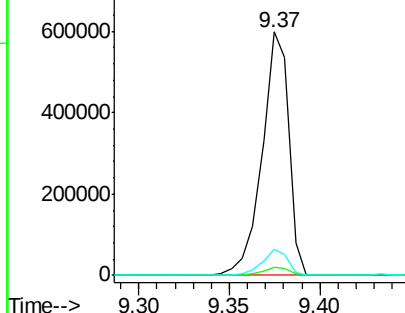
Tot Ion	Ratio	Resp	Lower	Upper
163	100	612245		
194	3.1	2.6	4.0	
164	10.4	8.4	12.6	

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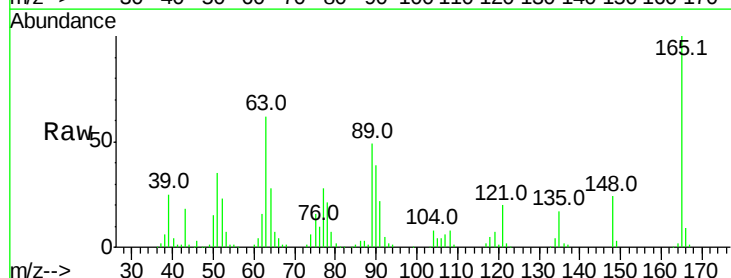


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

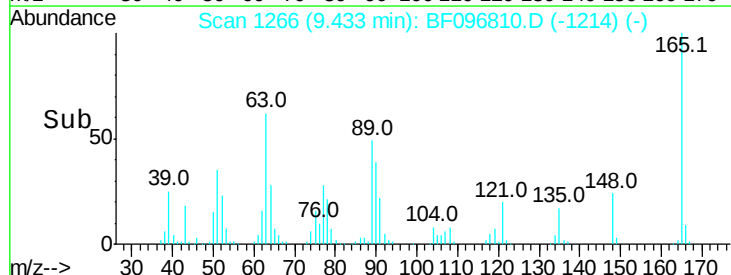
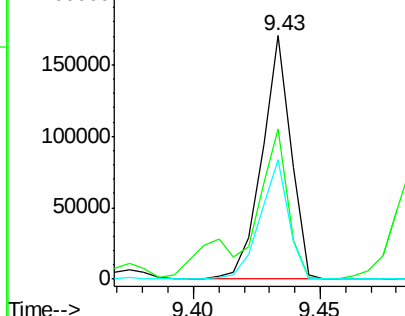


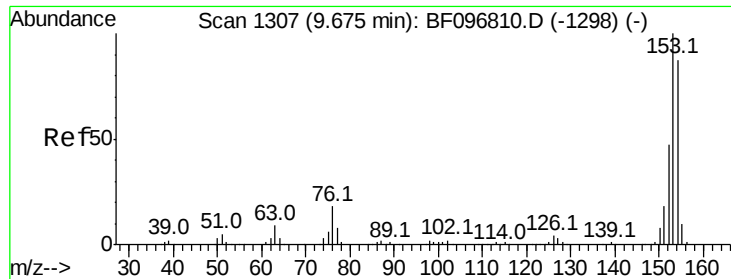
#50
2,6-Dinitrotoluene
Concen: 40.198 ng
RT: 9.43 min Scan# 1266
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	134964		
63	61.8	34.3	51.5#	
89	49.2	37.1	55.7	



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





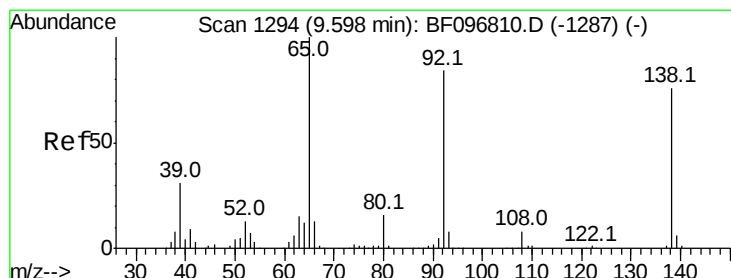
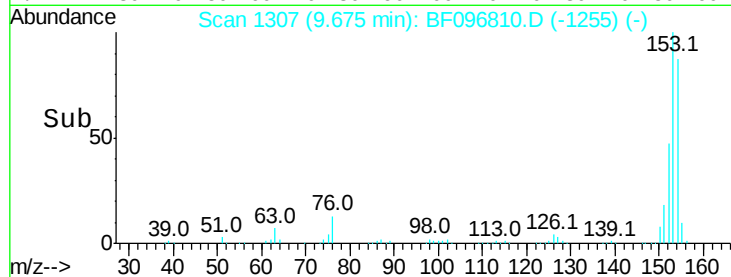
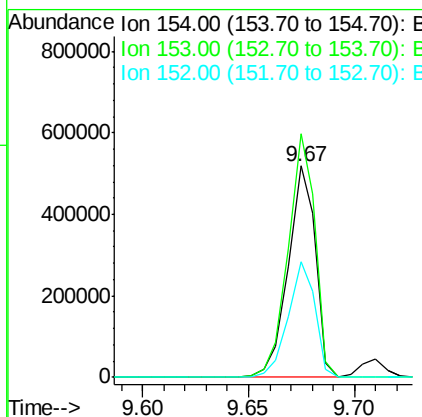
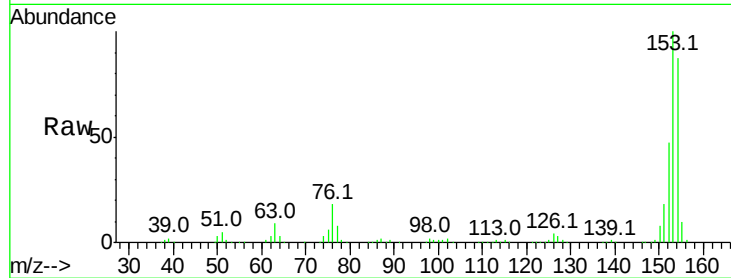
#51
Acenaphthene
Concen: 38.269 ng
RT: 9.67 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.2	90.5	135.7
152	54.4	43.6	65.4

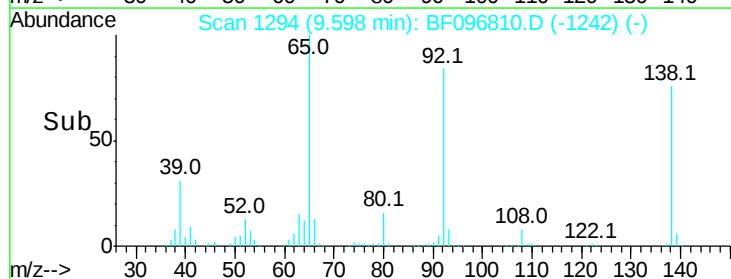
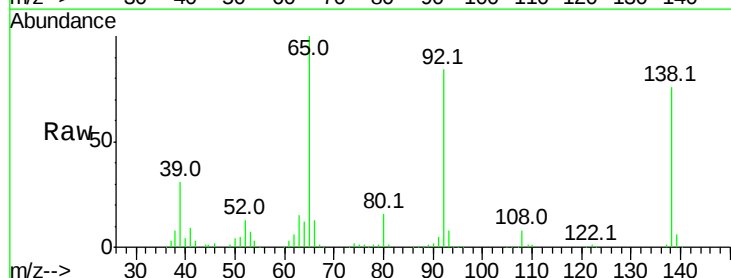
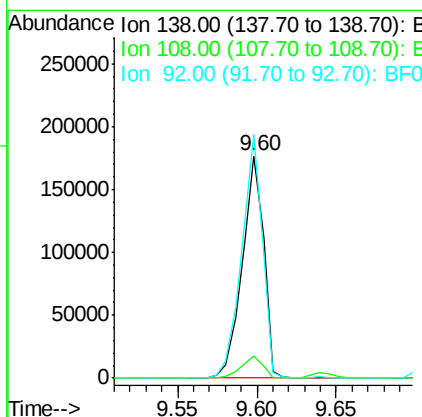
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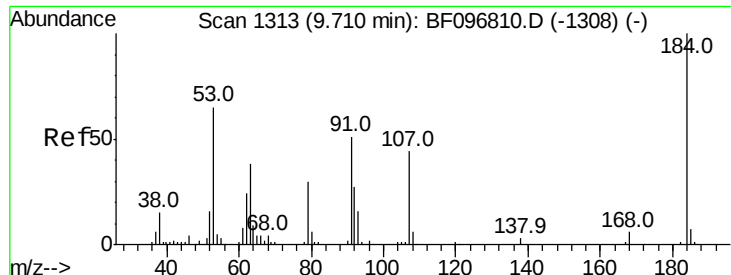
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#52
3-Nitroaniline
Concen: 41.426 ng
RT: 9.60 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.1	13.7
92	109.7	93.8	140.6





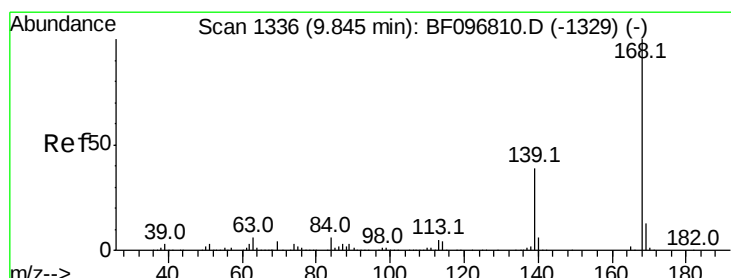
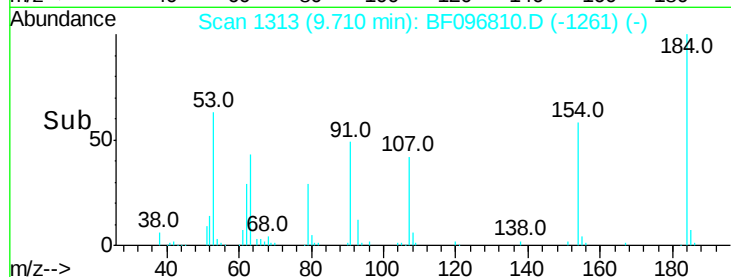
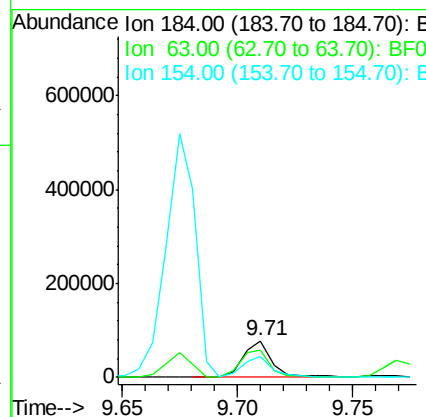
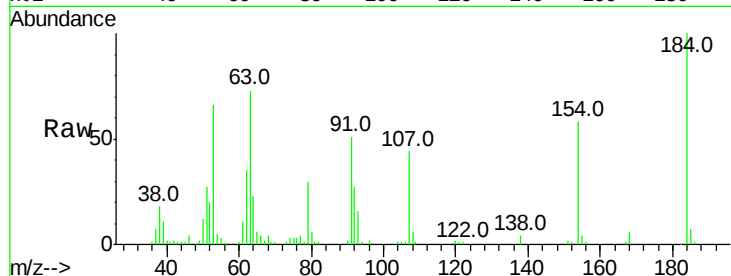
#53
 2,4-Dinitrophenol
 Concen: 44.787 ng
 RT: 9.71 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.7	62.7	94.1
154	57.7	81.1	121.7#

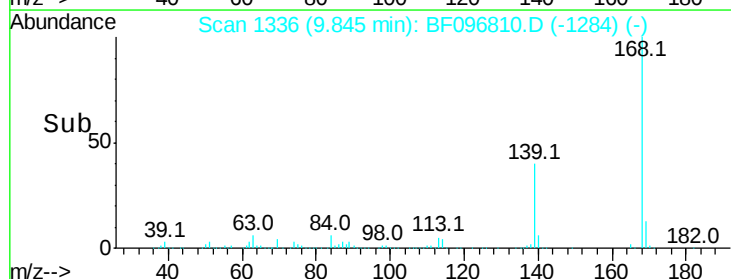
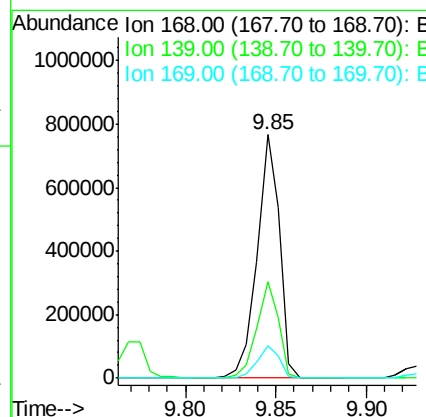
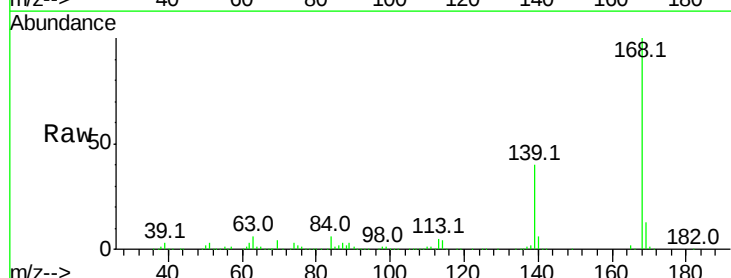
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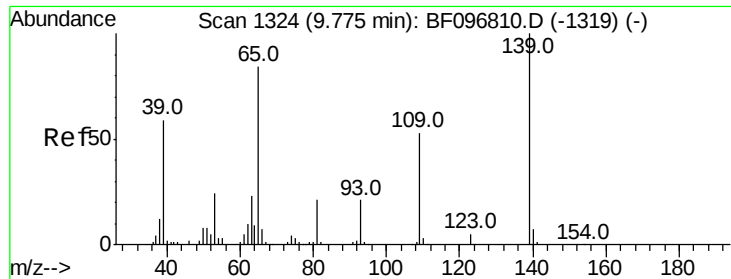
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#54
 Dibenzofuran
 Concen: 38.170 ng
 RT: 9.85 min Scan# 1336
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.6	30.6	45.8
169	13.2	10.8	16.2





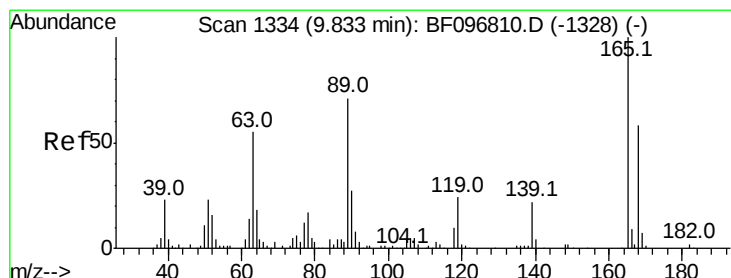
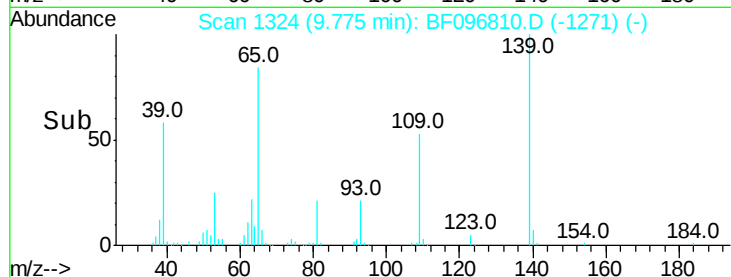
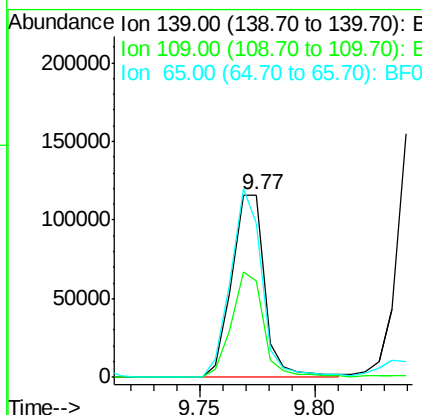
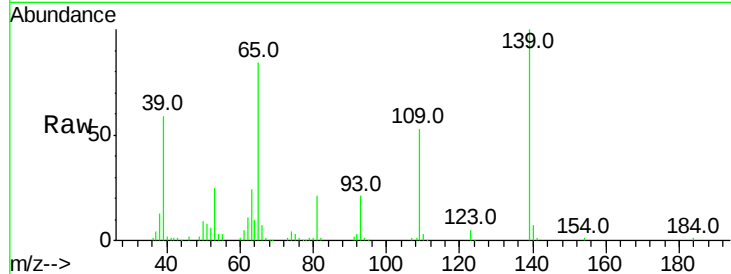
#55
4-Nitrophenol
Concen: 40.201 ng
RT: 9.77 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	52.8	34.1	74.1
65	84.2	31.4	71.4

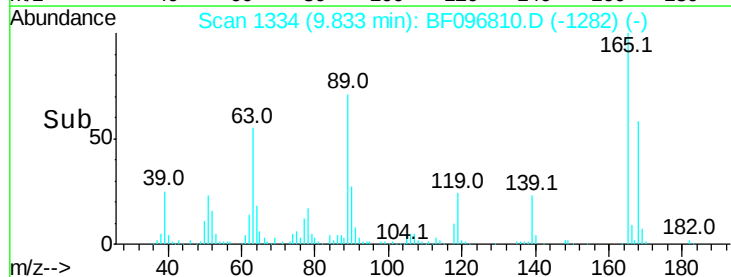
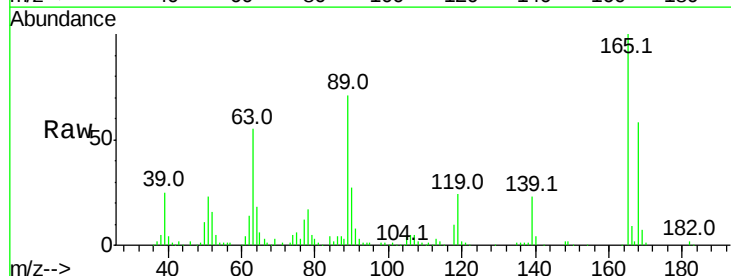
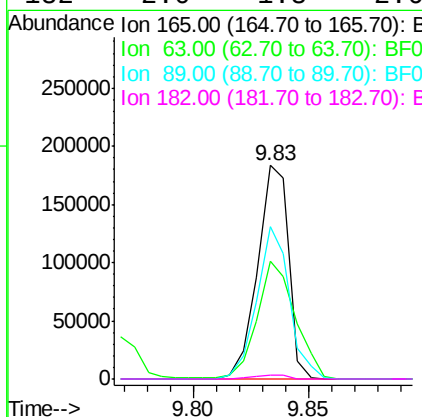
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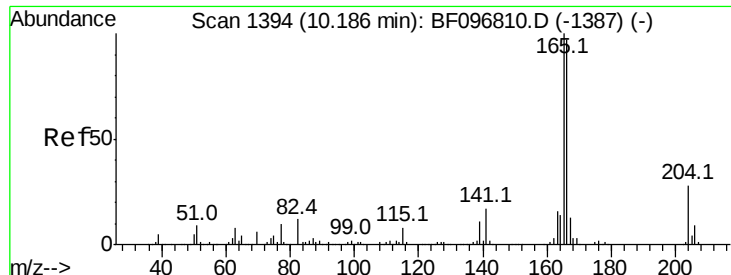
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#56
2,4-Dinitrotoluene
Concen: 39.884 ng
RT: 9.83 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.3	25.4	38.0
89	71.3	46.4	69.6
182	2.0	1.8	2.6





#57

Fluorene

Concen: 39.686 ng

RT: 10.19 min Scan# 1394

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:166 Resp: 502891

Ion Ratio Lower Upper

166 100

165 102.6 78.8 118.2

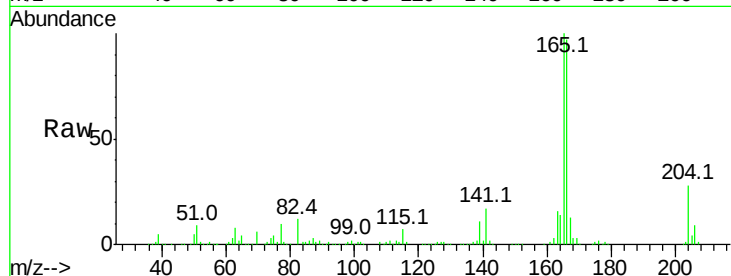
167 13.3 10.6 16.0

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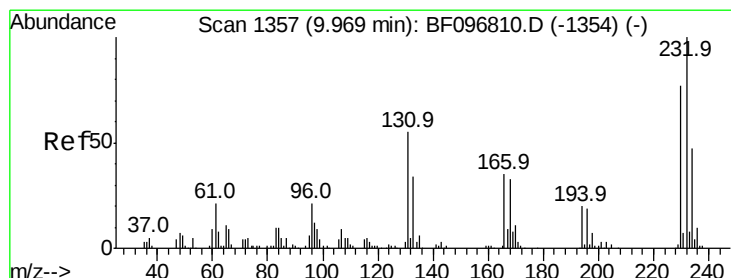
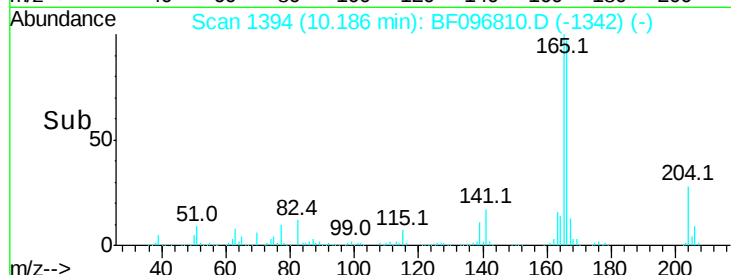
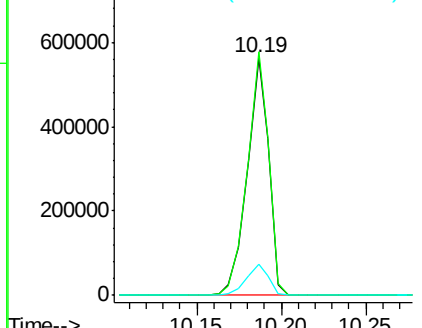
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Abundance Ion 166.00 (165.70 to 166.70): E

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: 41.322 ng

RT: 9.97 min Scan# 1357

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Tgt Ion:232 Resp: 118642

Ion Ratio Lower Upper

232 100

131 55.3 44.8 67.2

130 2.5 2.3 3.5

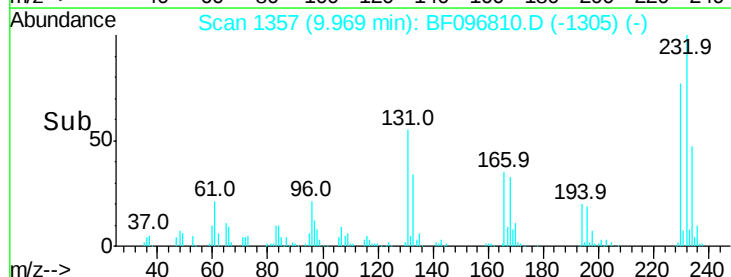
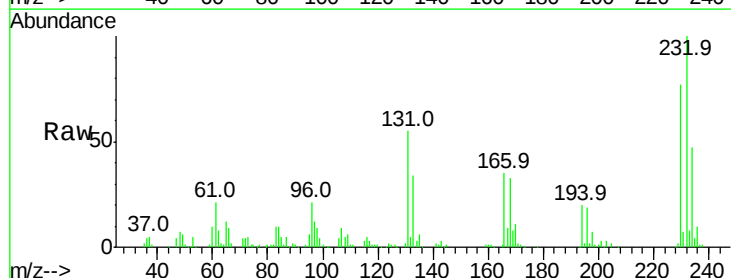
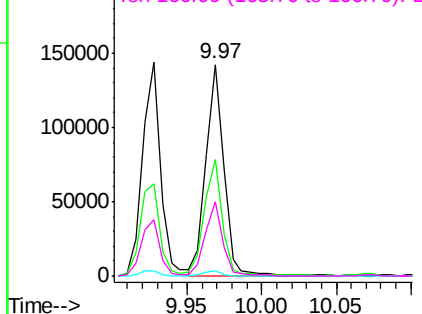
166 34.7 29.0 43.4

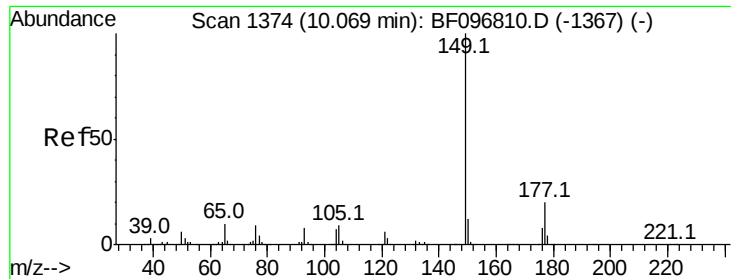
Abundance Ion 232.00 (231.70 to 232.70): E

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





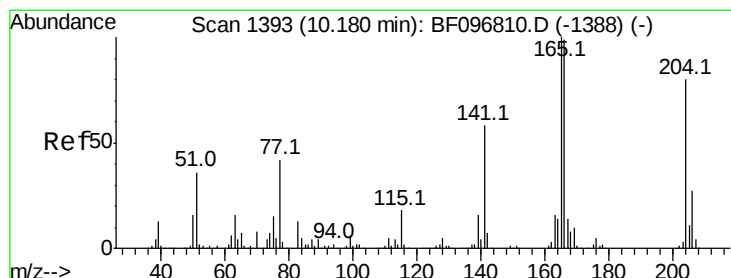
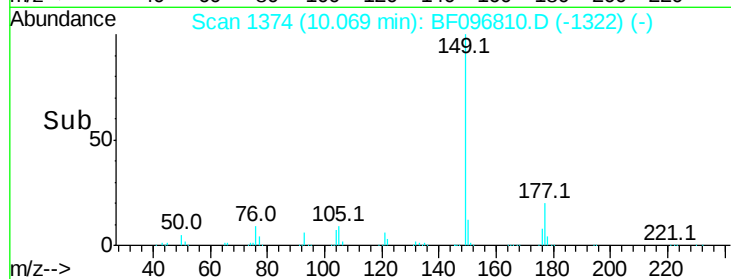
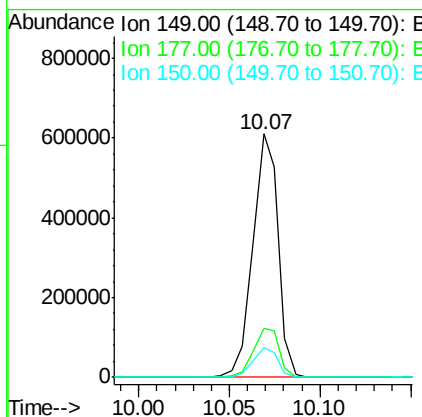
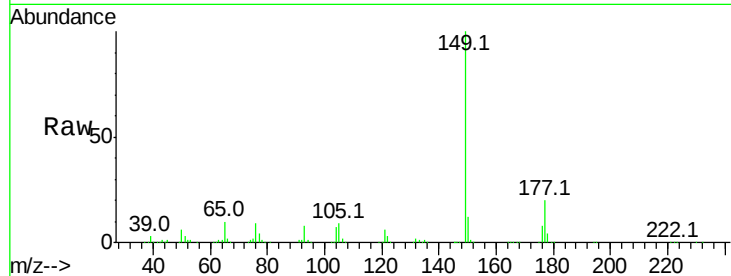
#59
Diethylphthalate
Concen: 38.881 ng
RT: 10.07 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	586715		
177	20.1	16.7	25.1	
150	12.1	10.2	15.2	

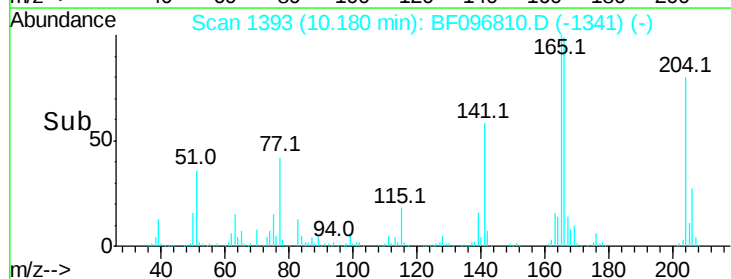
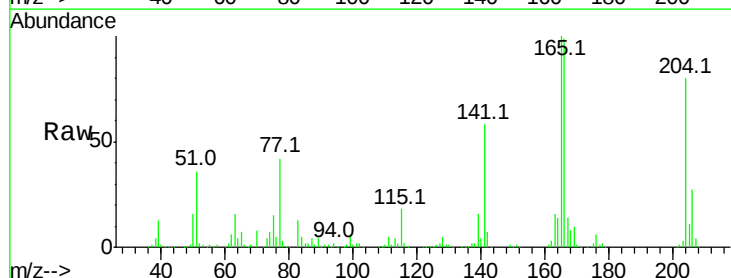
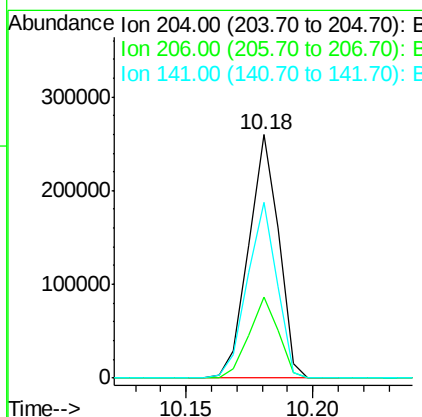
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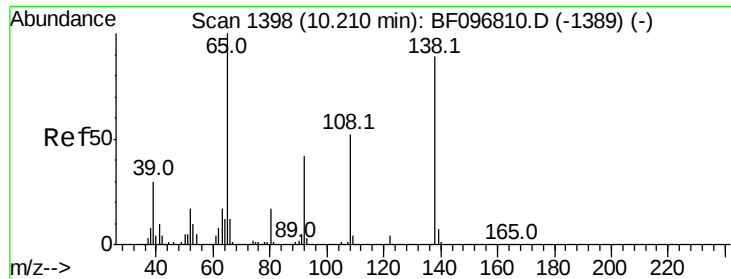
mohammad
7/20/2017 8:36:43 AM



#60
4-Chlorophenyl-phenylether
Concen: 39.714 ng
RT: 10.18 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	215113		
206	33.1	26.2	39.2	
141	72.2	60.8	91.2	





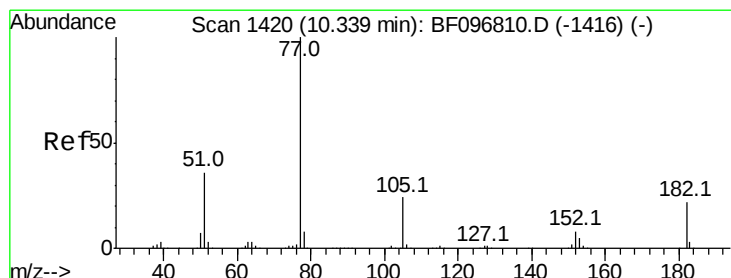
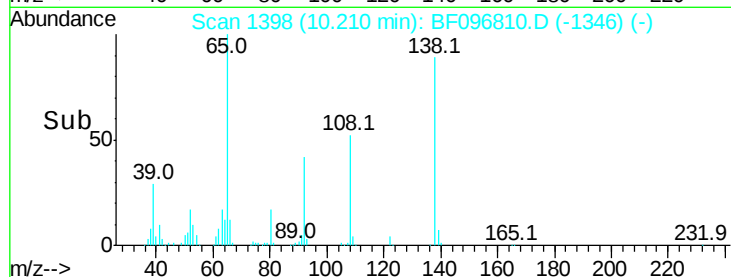
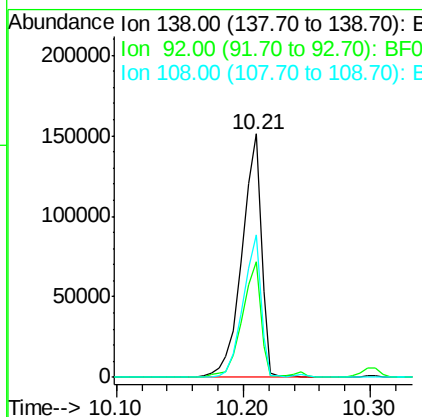
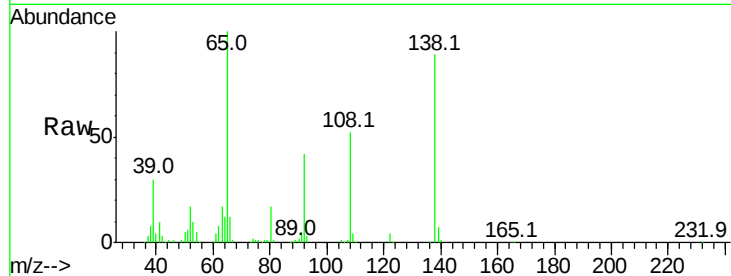
#61
4-Nitroaniline
Concen: 42.802 ng
RT: 10.21 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.6	21.8	61.8
108	58.3	42.3	82.3

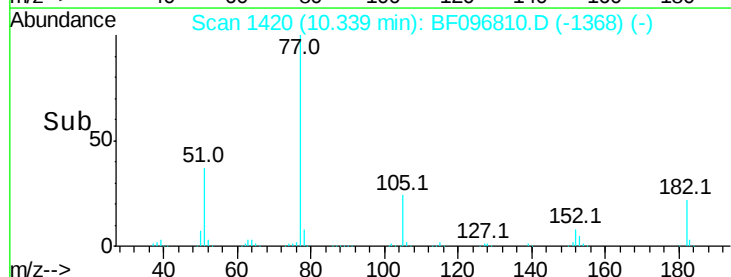
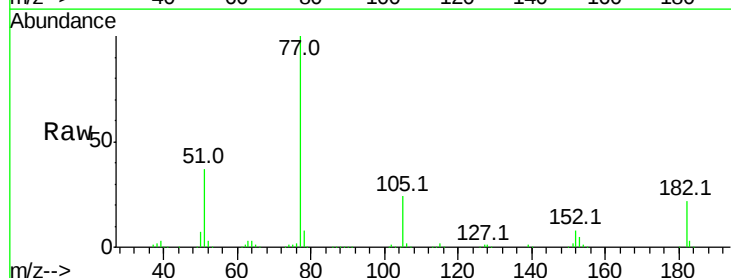
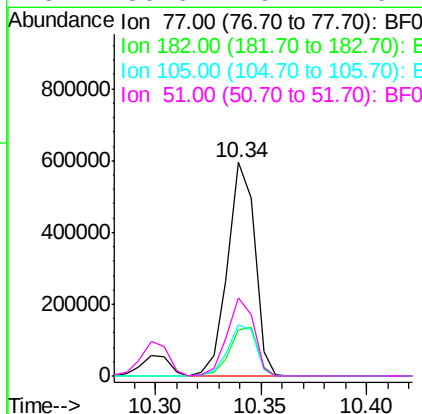
Manual Integrations
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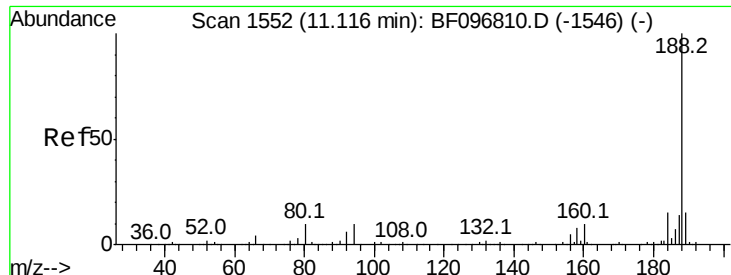
mohammad
7/20/2017 8:36:43 AM



#62
Azobenzene
Concen: 39.590 ng
RT: 10.34 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.5	0.1	40.1
105	23.9	3.6	43.6
51	36.6	9.4	49.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.12 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:188 Resp: 372577

Ion Ratio Lower Upper

188 100

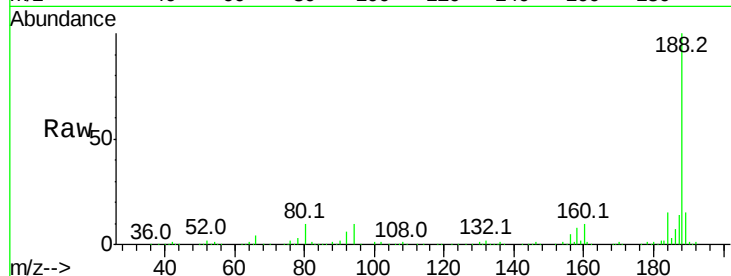
94 10.5 9.4 14.2

80 10.1 10.2 15.2#

Manual Integrations
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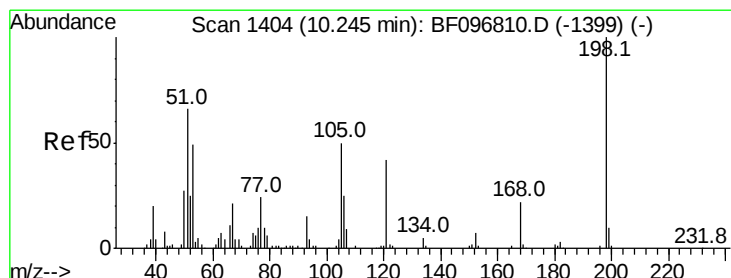
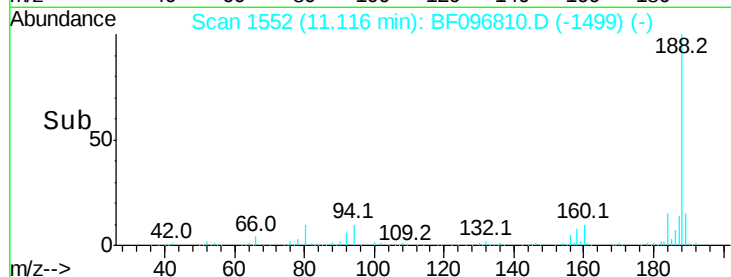
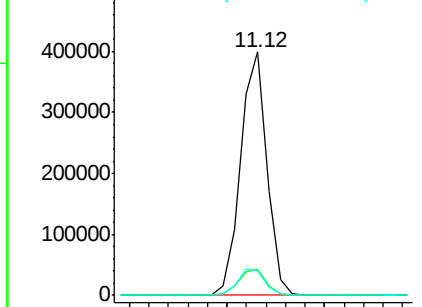
7/20/2017 8:36:43 AM



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



#64

4,6-Dinitro-2-methylphenol

Concen: 42.171 ng

RT: 10.25 min Scan# 1404

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

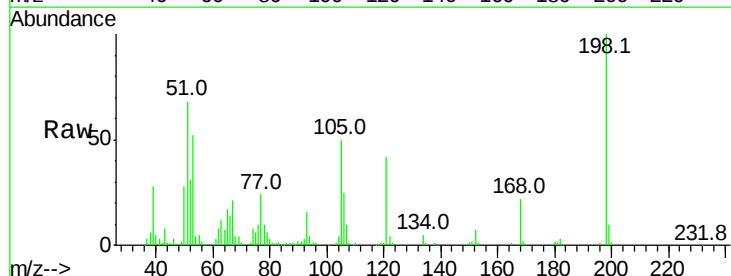
Tgt Ion:198 Resp: 98649

Ion Ratio Lower Upper

198 100

51 68.2 53.2 93.2

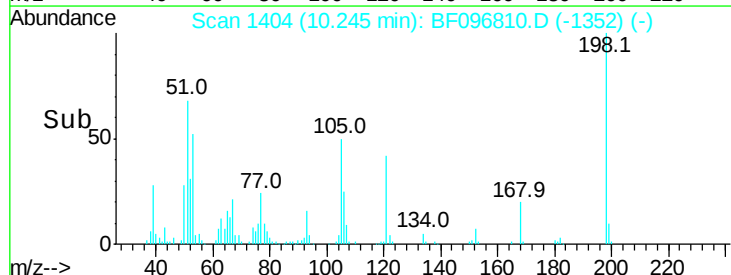
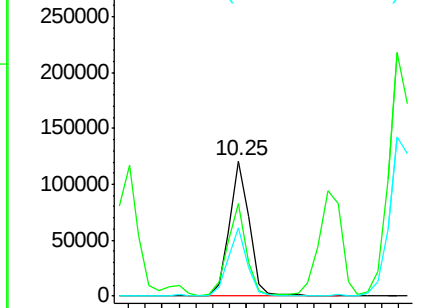
105 50.2 45.8 85.8

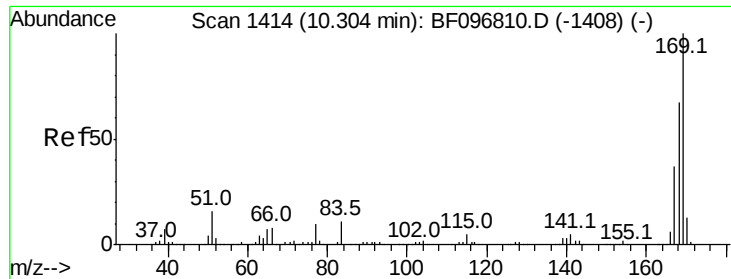


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





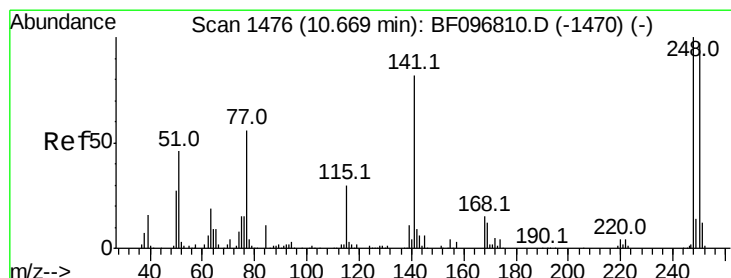
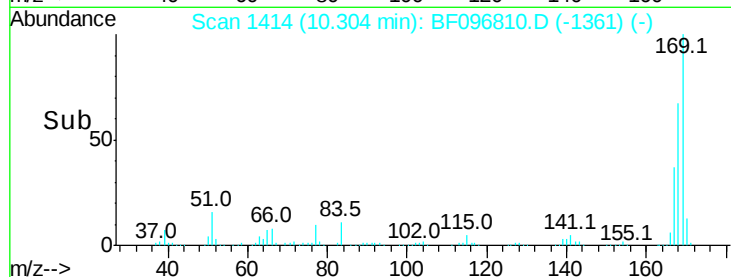
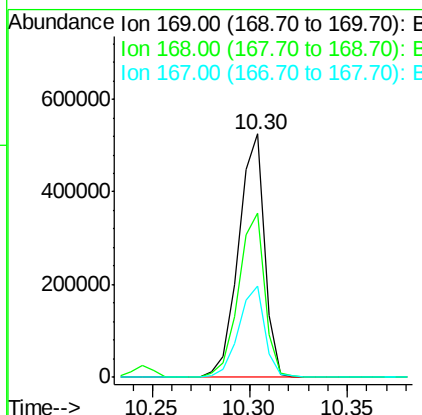
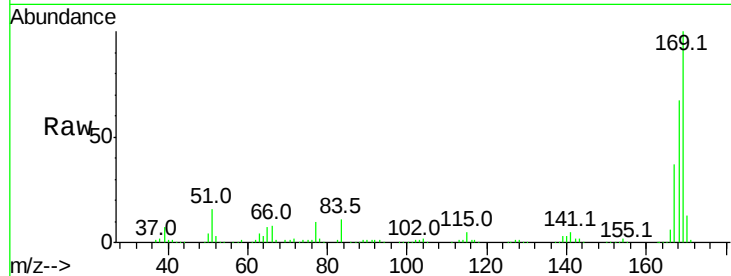
#65
 n-Nitrosodiphenylamine
 Concen: 36.385 ng
 RT: 10.30 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	53.2	79.8
167	37.4	29.5	44.3

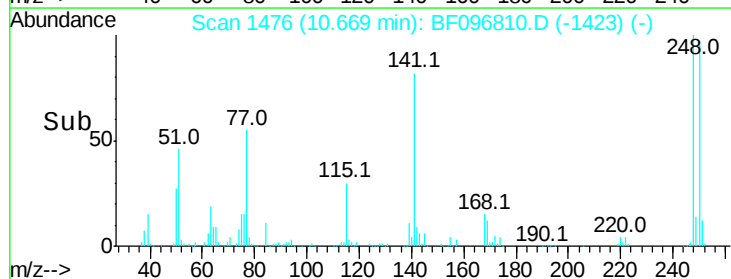
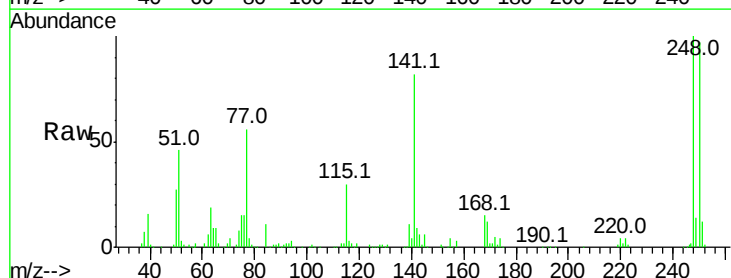
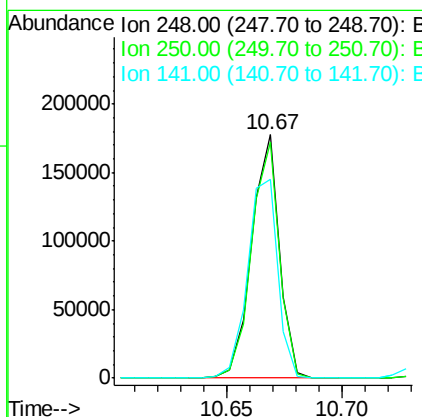
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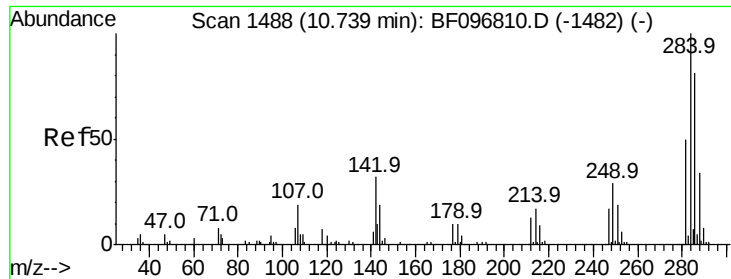
mohammad
 7/20/2017 8:36:43 AM



#66
 4-Bromophenyl-phenylether
 Concen: 39.310 ng
 RT: 10.67 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.1	76.8	115.2
141	81.7	68.6	103.0





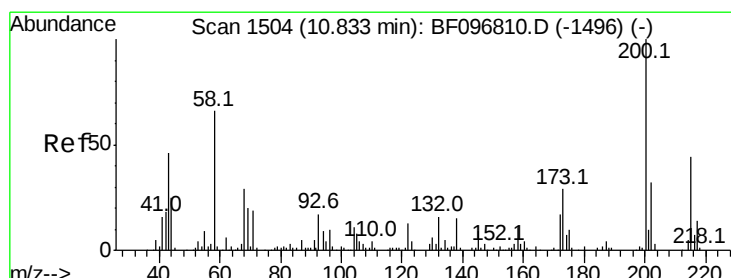
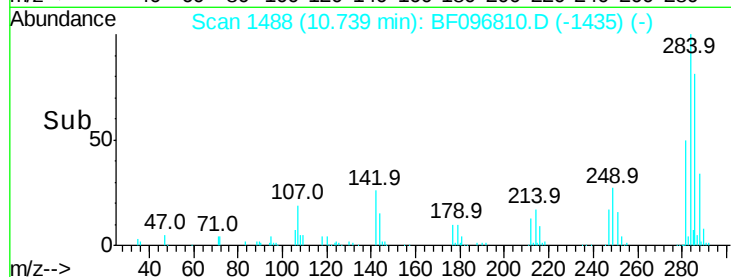
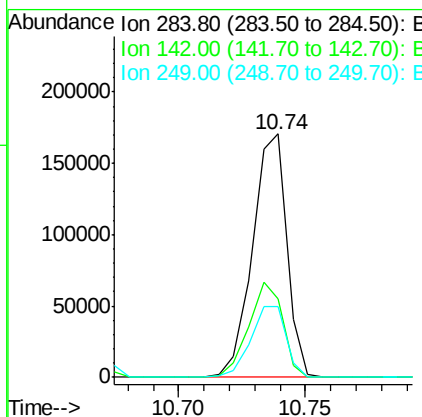
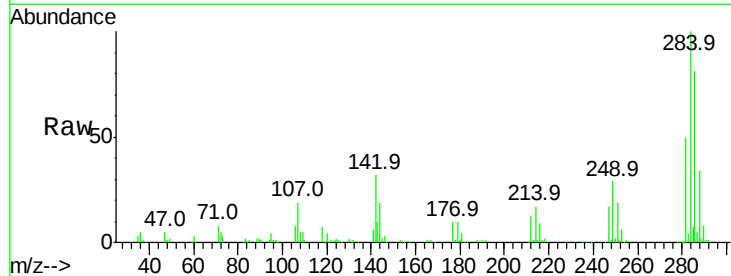
#67
Hexachlorobenzene
Concen: 38.083 ng
RT: 10.74 min Scan# 1488
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	161343		
142	32.5	22.8	34.2	
249	29.3	24.0	36.0	

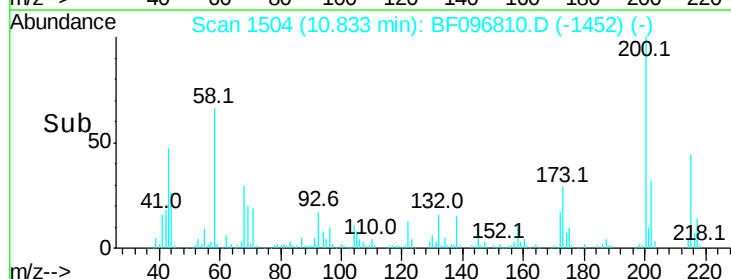
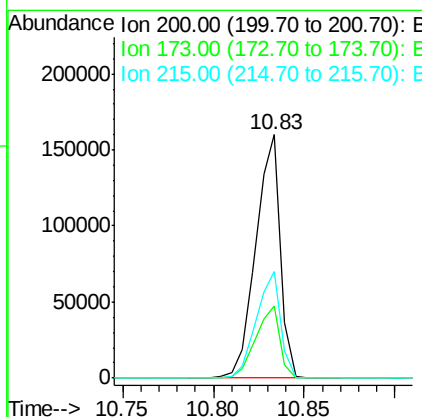
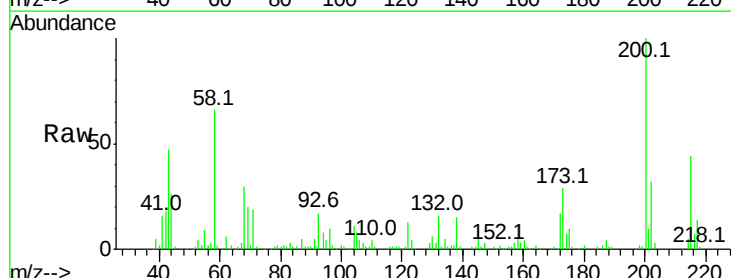
Manual Integrations
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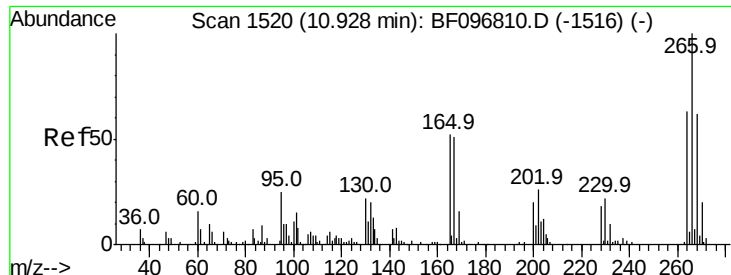
mohammad
7/20/2017 8:36:43 AM



#68
Atrazine
Concen: 39.506 ng
RT: 10.83 min Scan# 1504
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	149900		
173	29.4	6.3	46.3	
215	43.8	27.2	67.2	





#69

Pentachlorophenol

Concen: 42.246 ng

RT: 10.93 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:266 Resp: 86463

Ion Ratio Lower Upper

266 100

268 61.8 51.1 76.7

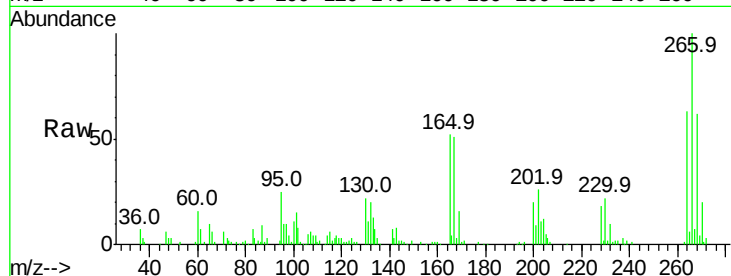
264 62.7 51.7 77.5

Manual Integrations

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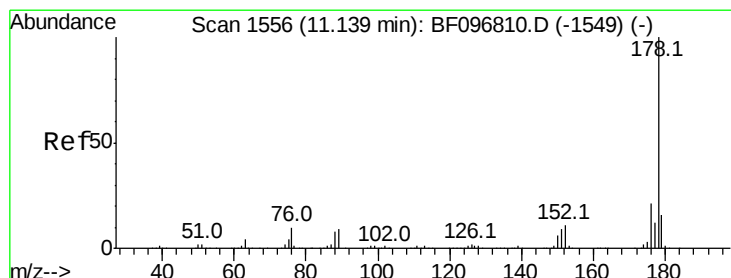
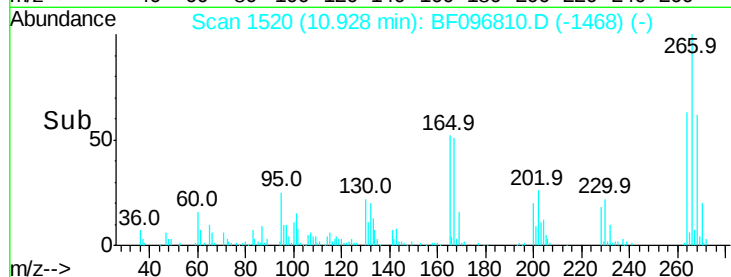
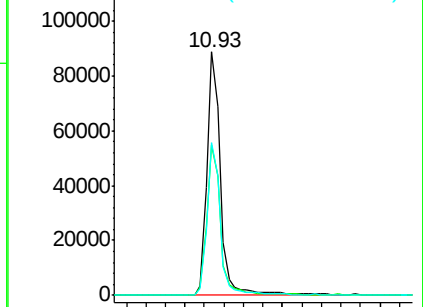
7/20/2017 8:36:43 AM



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 38.313 ng

RT: 11.14 min Scan# 1556

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

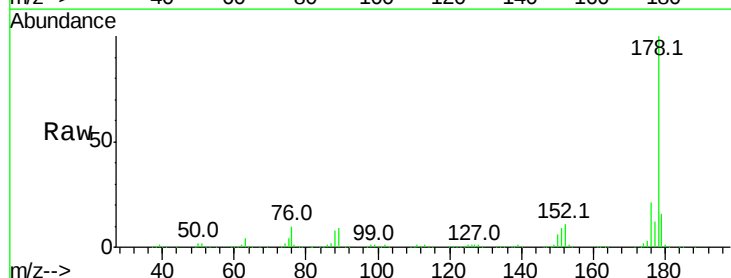
Tgt Ion:178 Resp: 776146

Ion Ratio Lower Upper

178 100

176 20.5 16.2 24.4

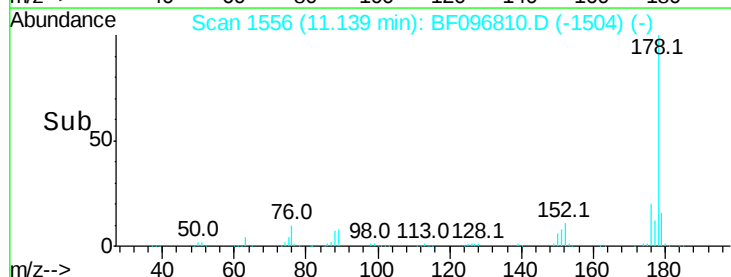
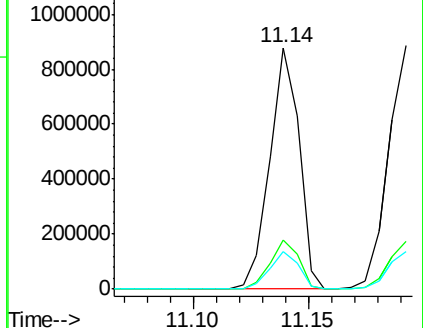
179 15.6 12.6 19.0

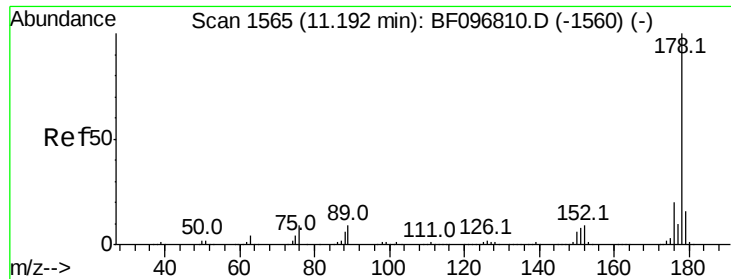


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





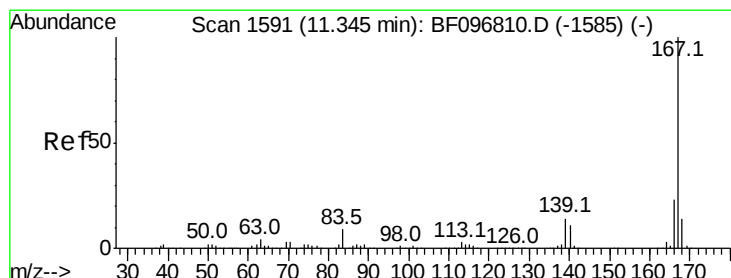
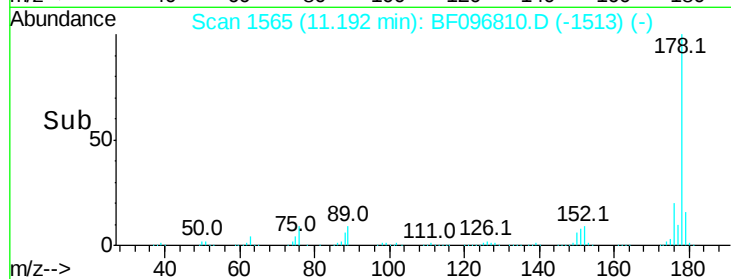
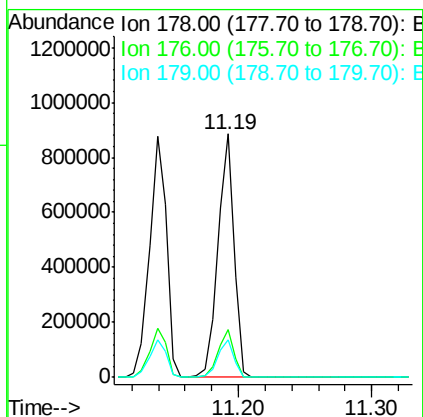
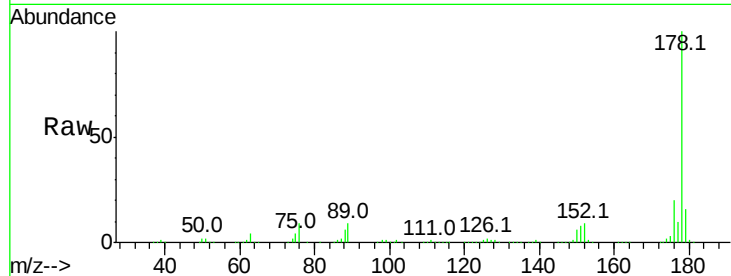
#71
 Anthracene
 Concen: 36.826 ng
 RT: 11.19 min Scan# 1565
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.5	12.7	19.1

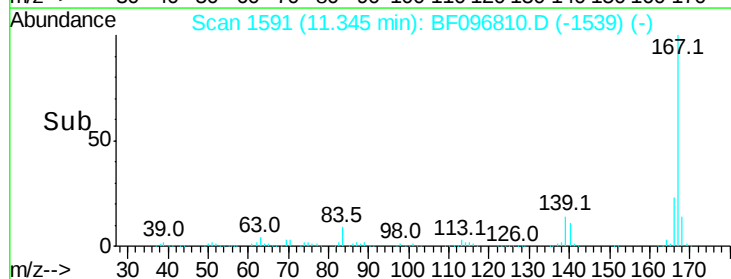
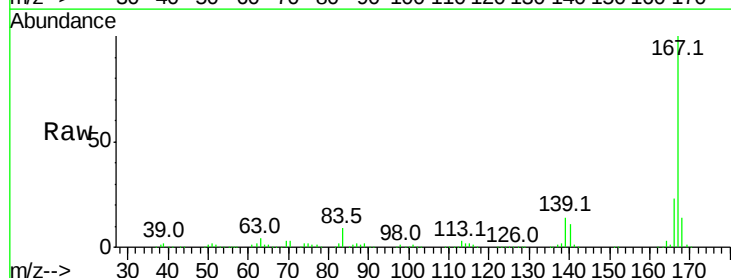
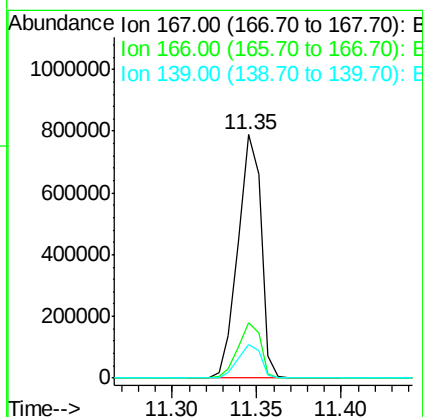
Manual Integrations
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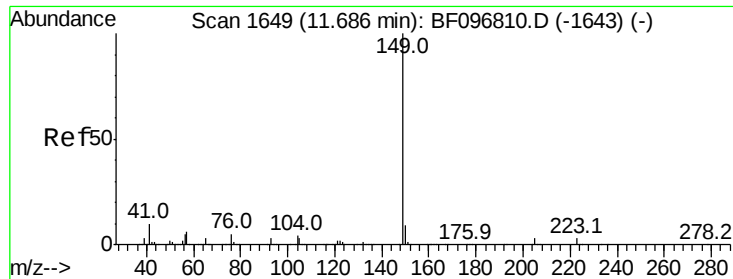
mohammad
 7/20/2017 8:36:43 AM



#72
 Carbazole
 Concen: 37.919 ng
 RT: 11.35 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.1	27.1
139	14.1	11.7	17.5





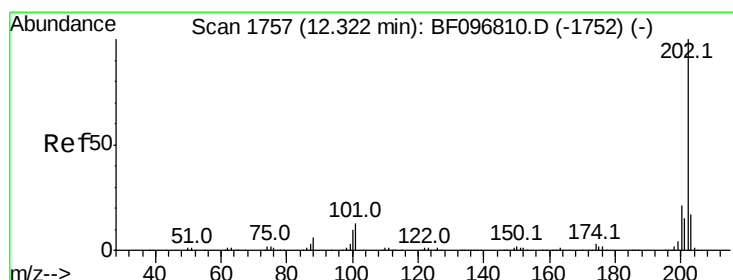
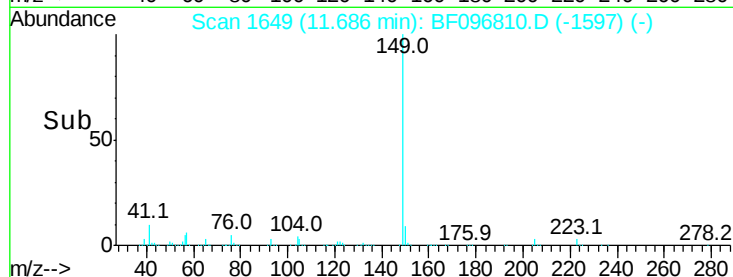
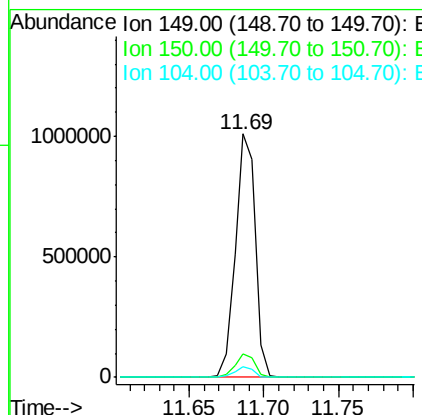
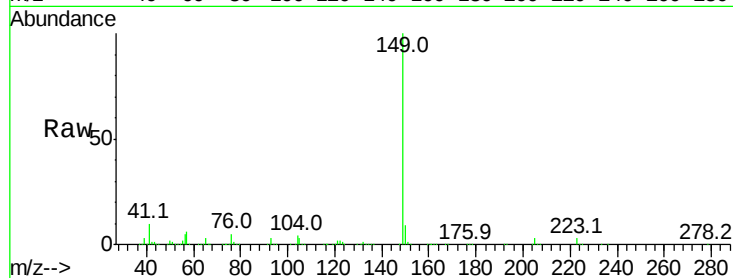
#73
Di-n-butylphthalate
Concen: 38.223 ng
RT: 11.69 min Scan# 1649
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.7	11.5	
104	4.4	4.0	6.0	

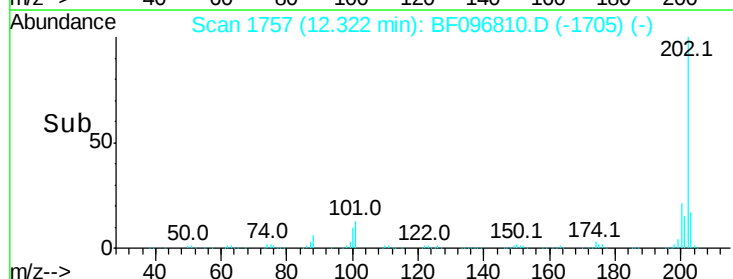
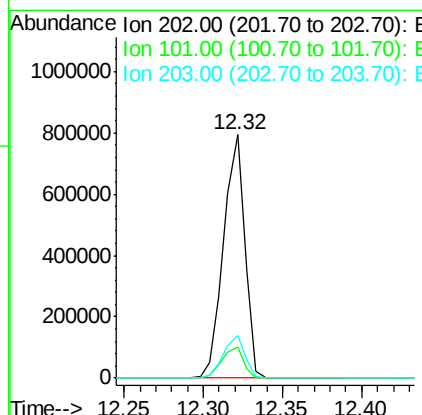
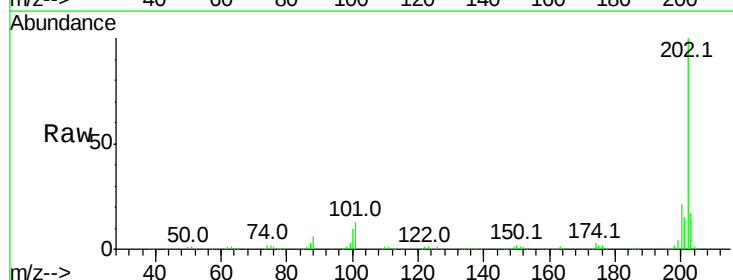
Manual Integrations
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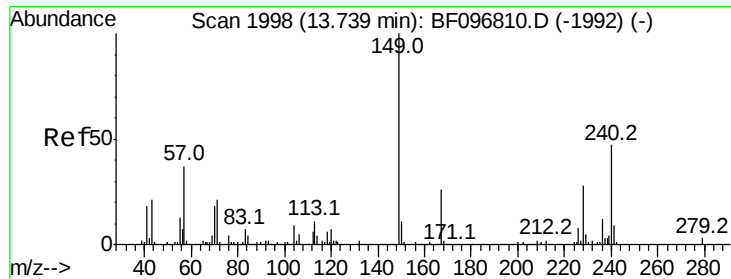
mohammad
7/20/2017 8:36:43 AM



#74
Fluoranthene
Concen: 38.296 ng
RT: 12.32 min Scan# 1757
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.9	0.0	33.2	
203	17.4	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.74 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:240 Resp: 253645

Ion Ratio Lower Upper

240 100

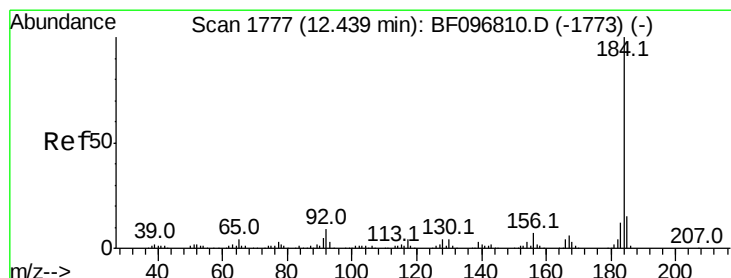
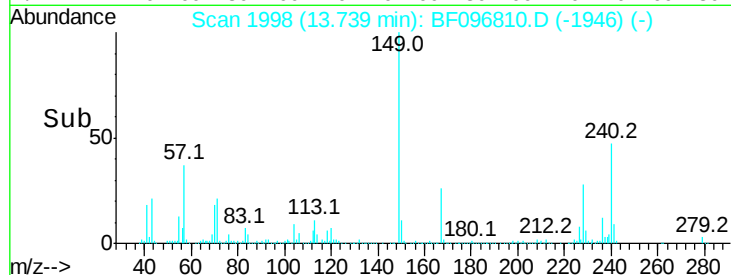
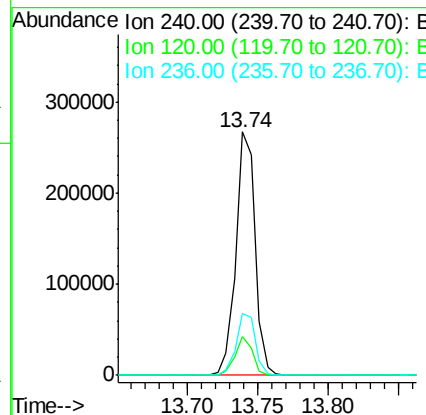
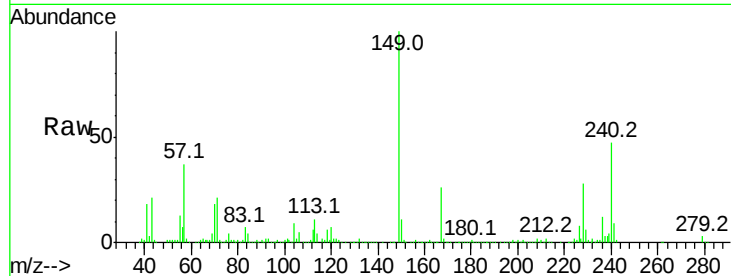
120 15.7 5.8 8.8#

236 25.5 20.5 30.7

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#76

Benzidine

Concen: 47.611 ng m

RT: 12.44 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

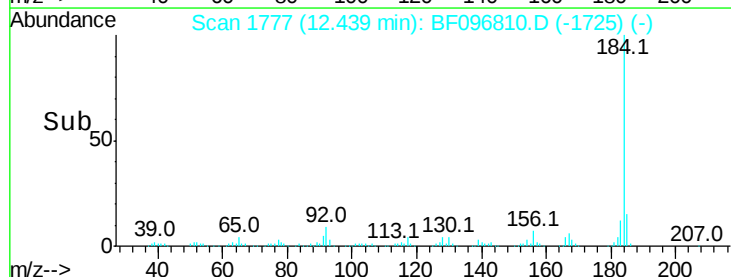
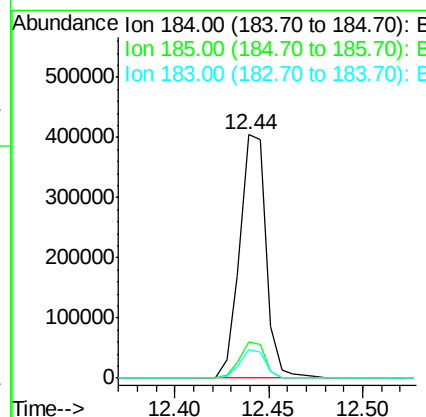
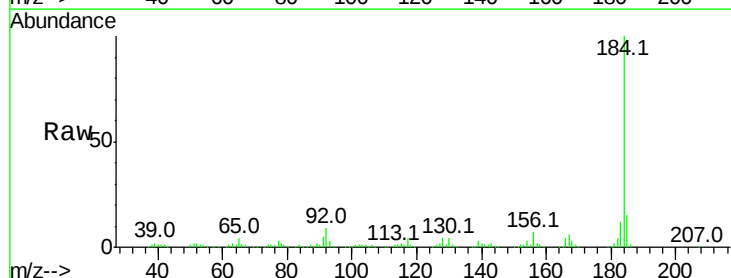
Tgt Ion:184 Resp: 395621

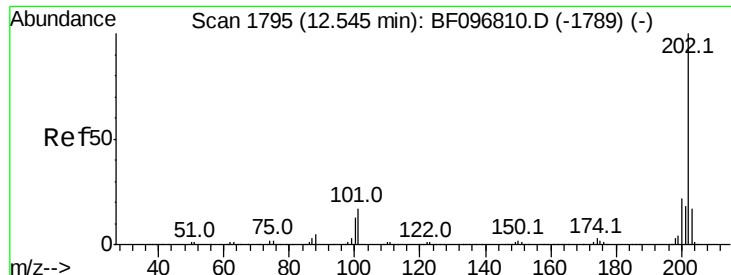
Ion Ratio Lower Upper

184 100

185 14.7 15.5 23.3#

183 11.6 9.8 14.6





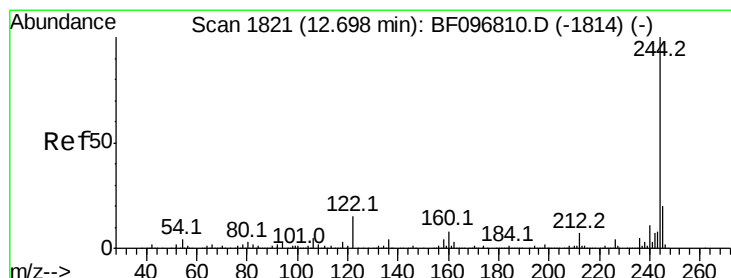
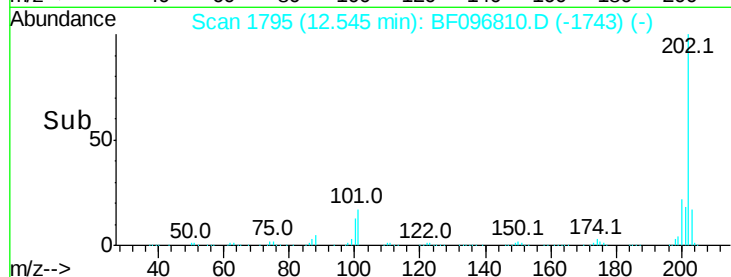
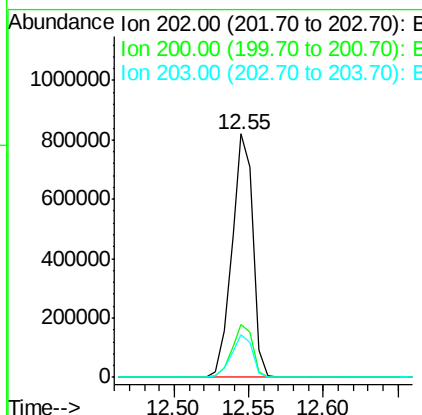
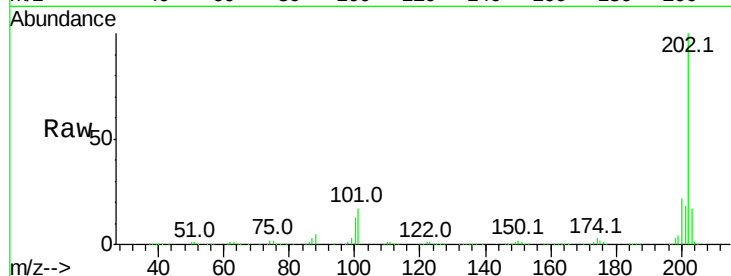
#77
Pvrene
Concen: 35.167 ng
RT: 12.55 min Scan# 1795
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.3	14.4	21.6

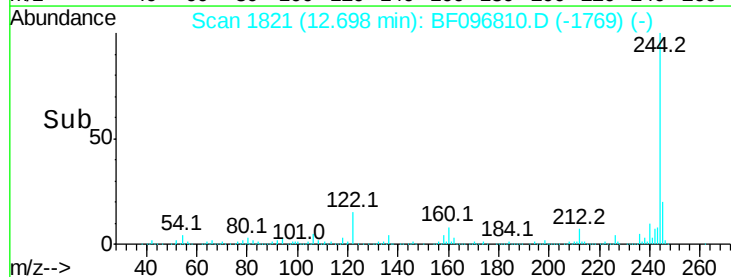
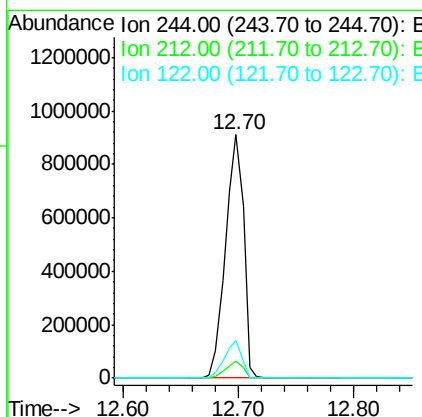
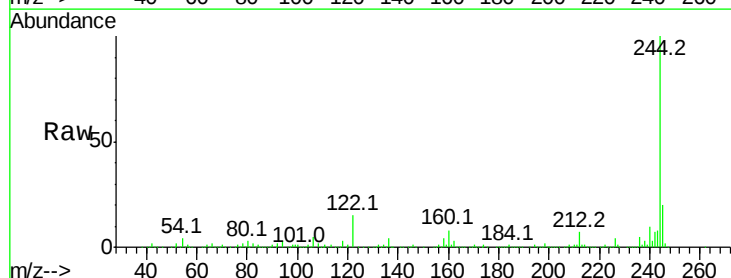
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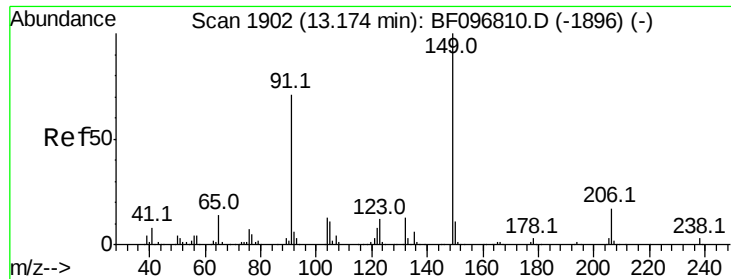
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#78
Terphenyl-d14
Concen: 67.362 ng
RT: 12.70 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	6.0	9.0
122	15.2	10.3	15.5





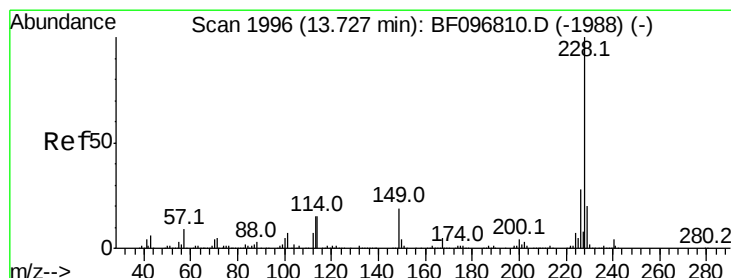
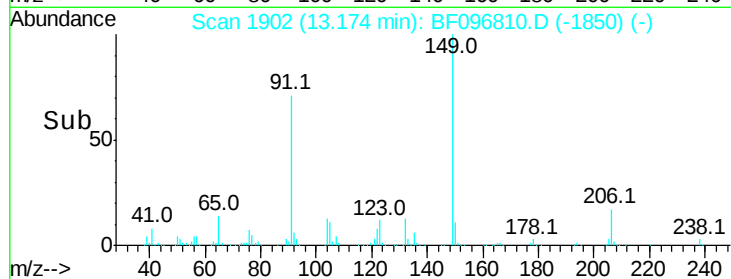
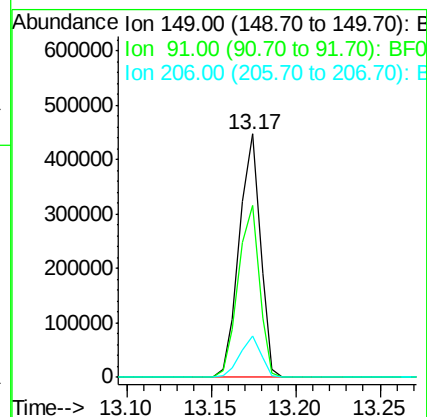
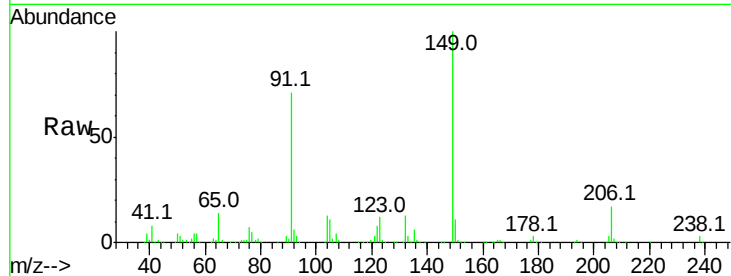
#79
Butylbenzylphthalate
Concen: 35.449 ng
RT: 13.17 min Scan# 1902
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	70.8	45.0	67.4#
206	17.0	17.0	25.6

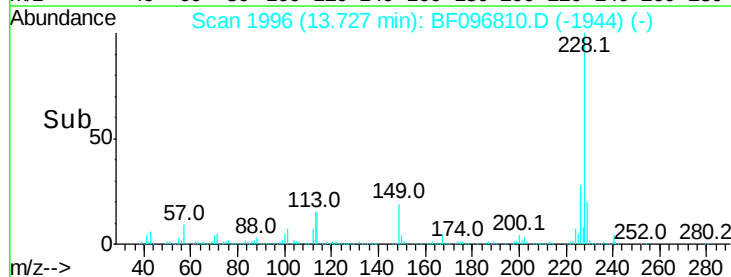
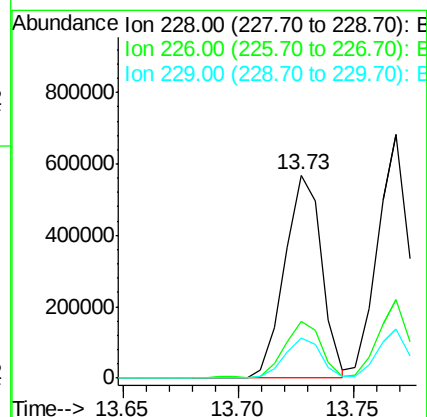
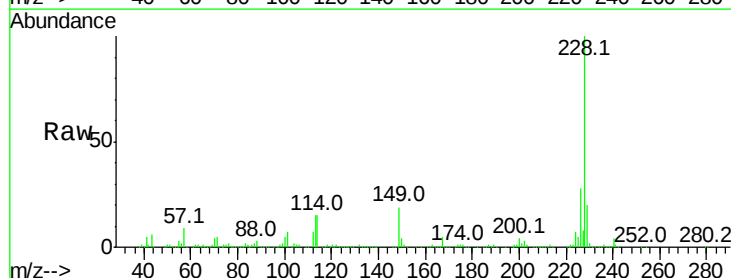
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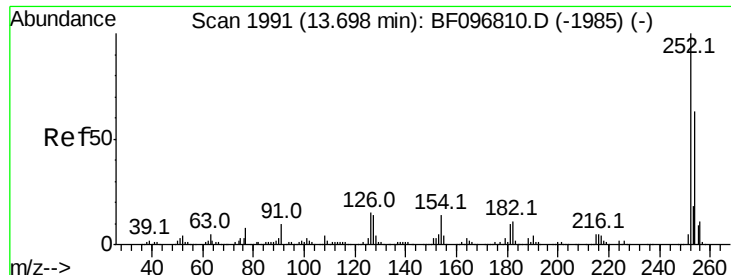
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#80
Benzo(a)anthracene
Concen: 39.715 ng
RT: 13.73 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.6	16.3	24.5





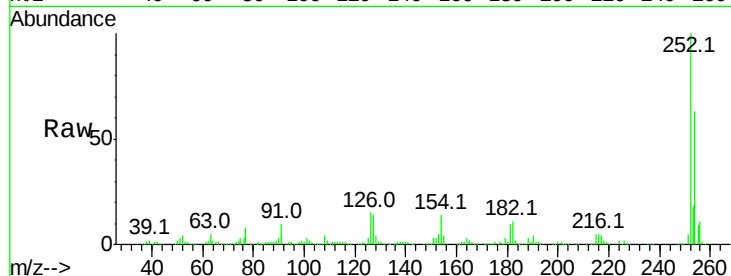
#81
 3,3'-Dichlorobenzidine
 Concen: 43.355 ng
 RT: 13.70 min Scan# 1991
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

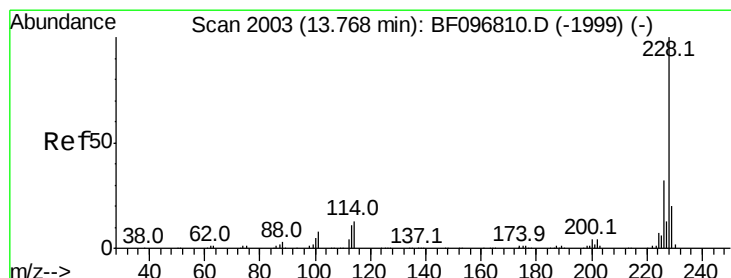
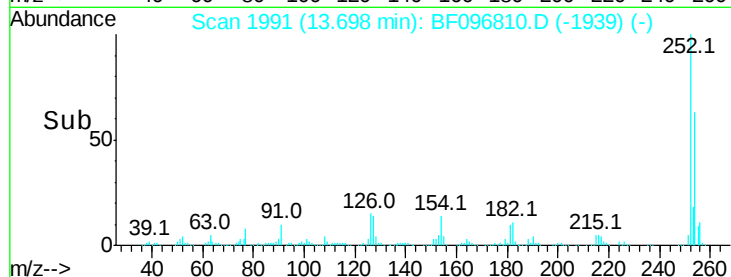
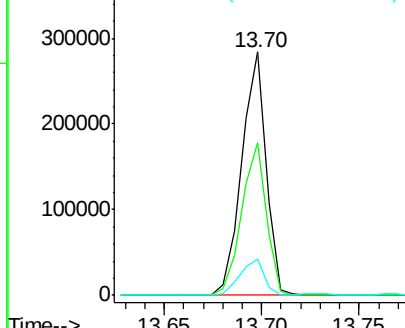
Tot Ion	Ratio	Resp	Lower	Upper
252	100	246396		
254	62.7		51.5	77.3
126	14.6		15.8	23.8

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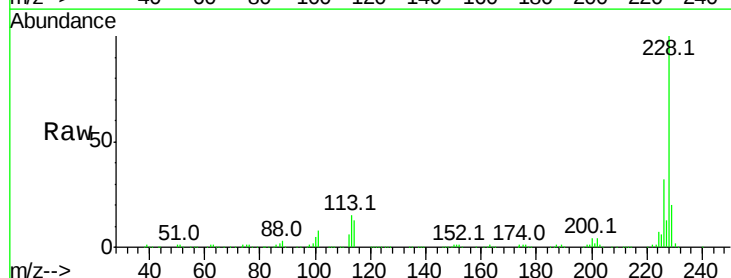


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

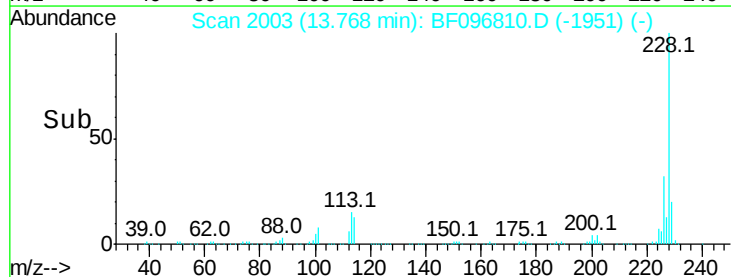
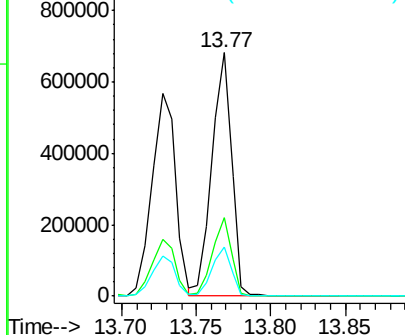


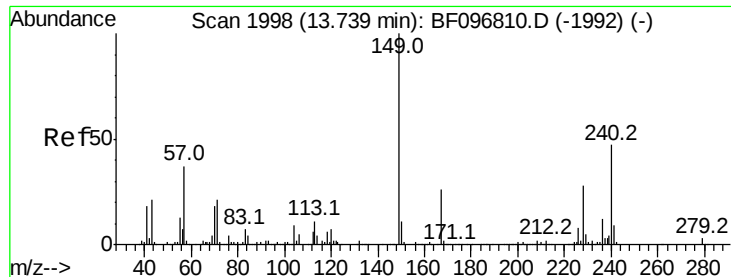
#82
 Chrysene
 Concen: 40.402 ng
 RT: 13.77 min Scan# 2003
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	628597		
226	32.1		24.9	37.3
229	20.2		15.8	23.6



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.193 ng

RT: 13.74 min Scan# 1998

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 508720
Ion Ratio Lower Upper

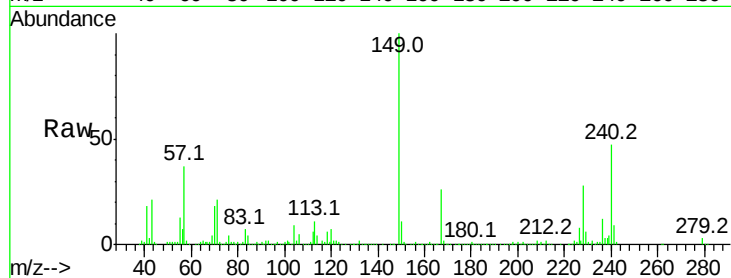
149 100

167 25.7 21.0 31.4

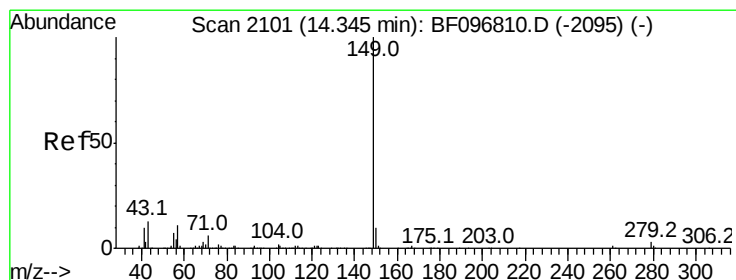
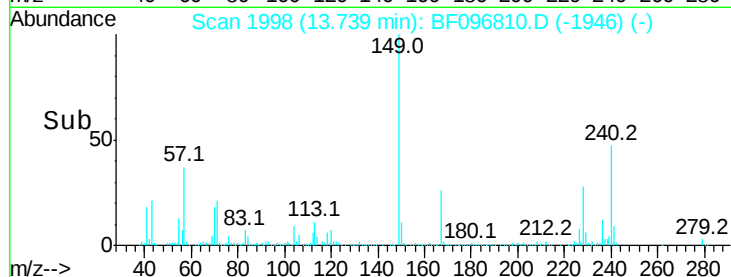
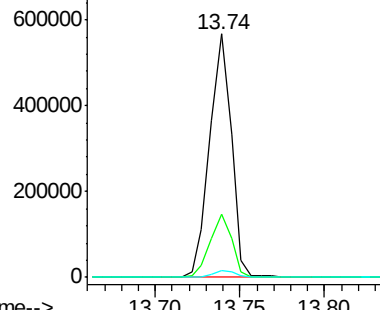
279 2.8 1.9 2.9

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



#84

Di-n-octyl phthalate

Concen: 40.177 ng

RT: 14.34 min Scan# 2101

Delta R.T. 0.01 min

Lab File: BF096810.D

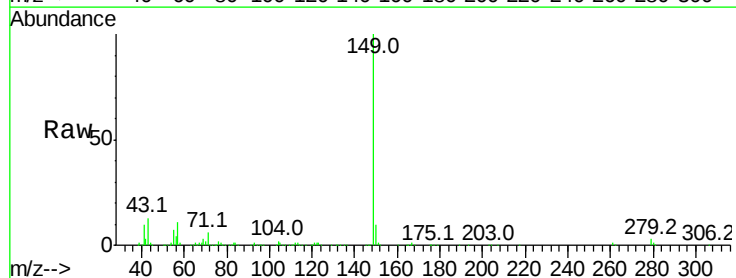
Acq: 17 Jul 2017 10:48

Tgt Ion:149 Resp: 884596
Ion Ratio Lower Upper

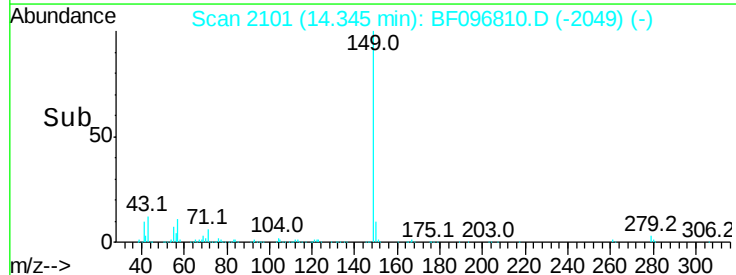
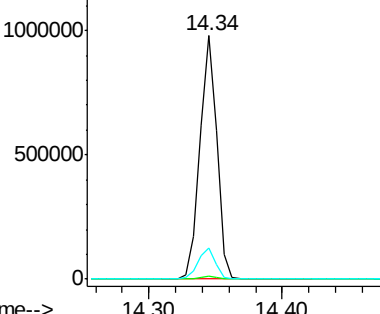
149 100

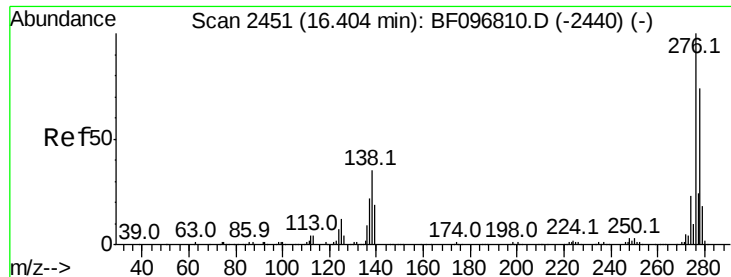
167 1.4 1.2 1.8

43 12.8 8.5 12.7#



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





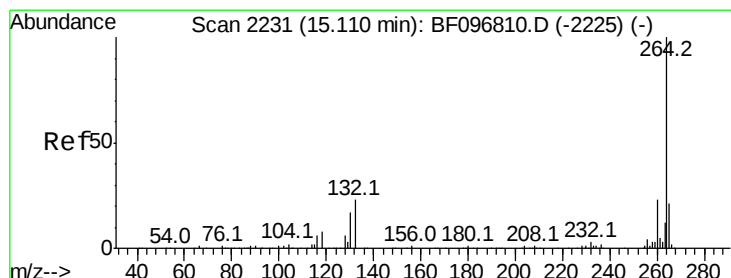
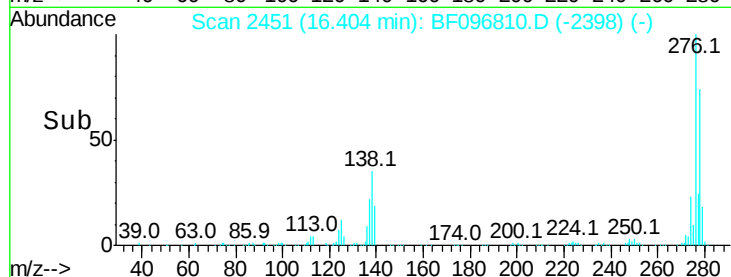
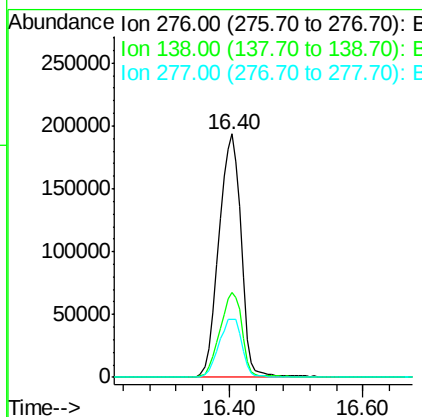
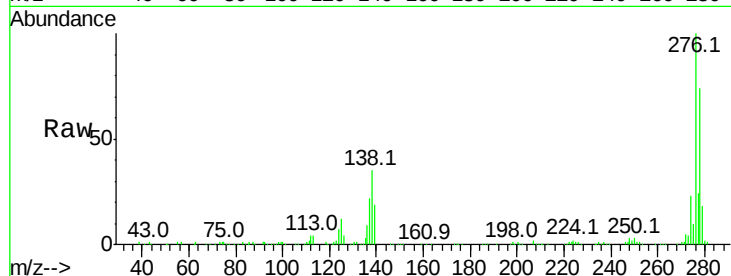
#85
Indeno(1,2,3-cd)pyrene
Concen: 32.717 ng
RT: 16.40 min Scan# 2451
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	24.7	20.2	30.4

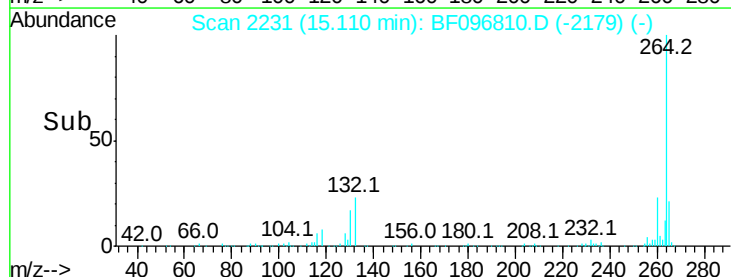
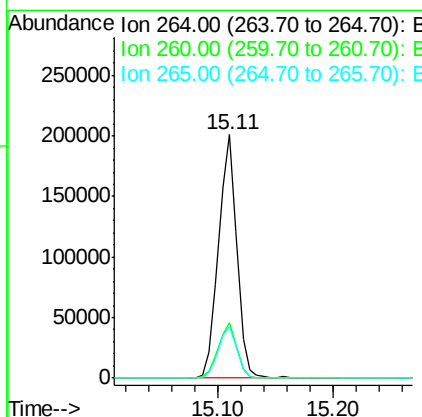
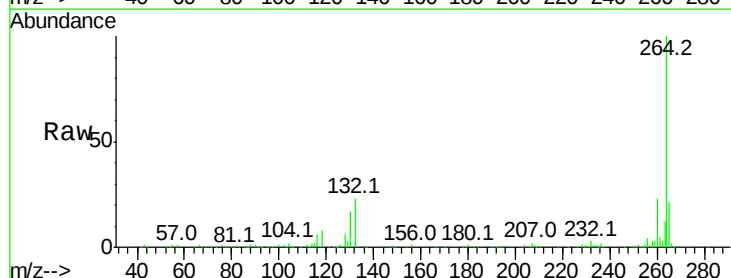
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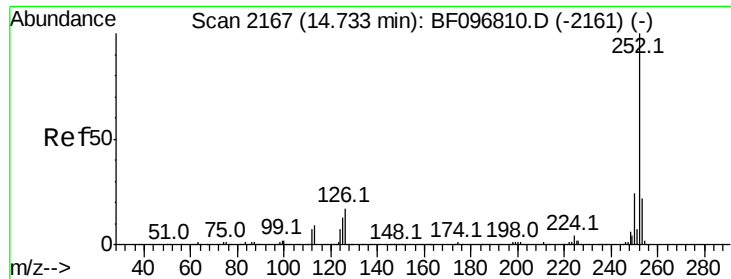
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.192 ng

RT: 14.73 min Scan# 2167

Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Instrument :

BNA_F

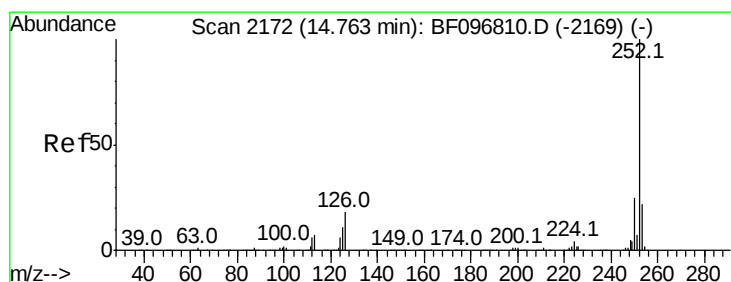
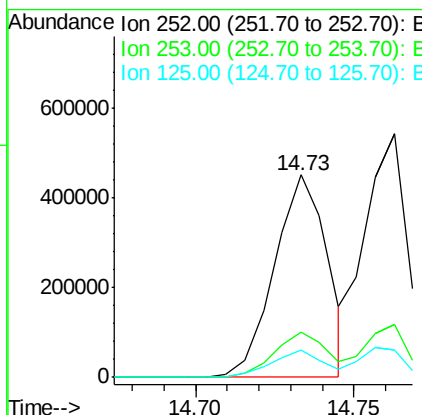
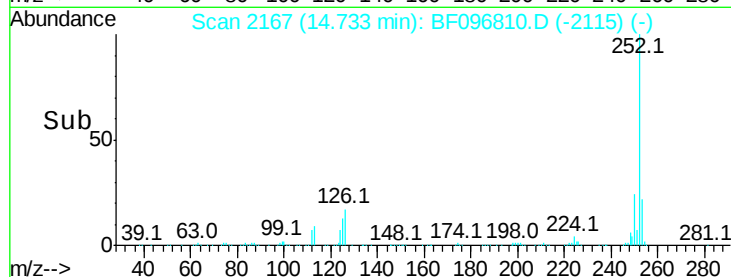
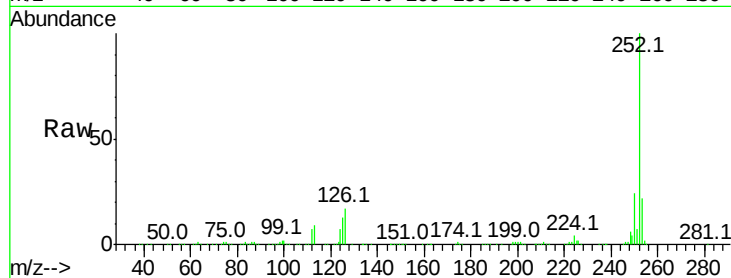
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	524324
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.1	27.1
125	13.4	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 40.434 ng m

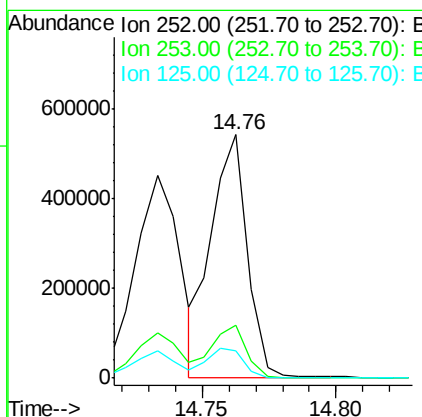
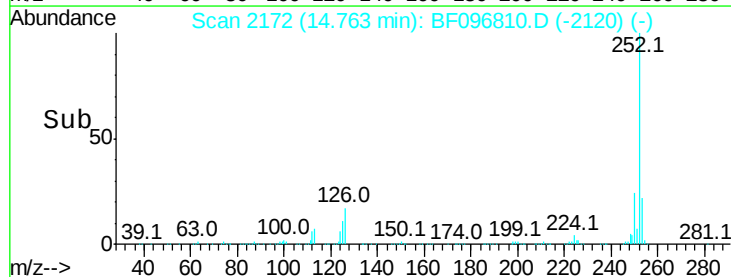
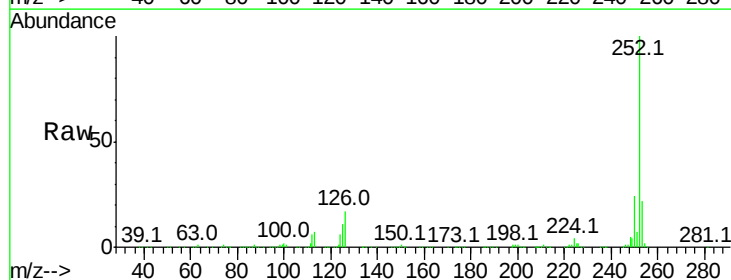
RT: 14.76 min Scan# 2172

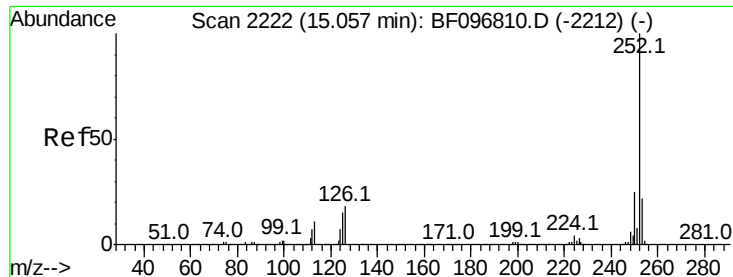
Delta R.T. 0.01 min

Lab File: BF096810.D

Acq: 17 Jul 2017 10:48

Tgt Ion:	252	Resp:	512251
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.4	27.6
125	11.2	13.1	19.7#





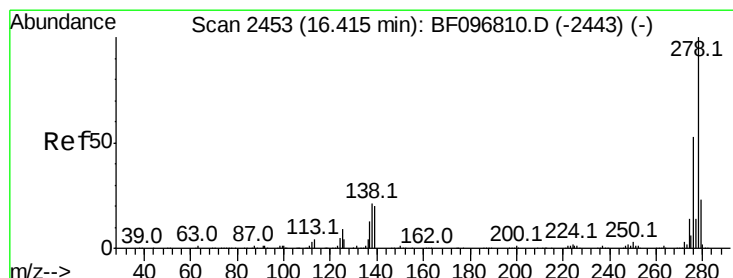
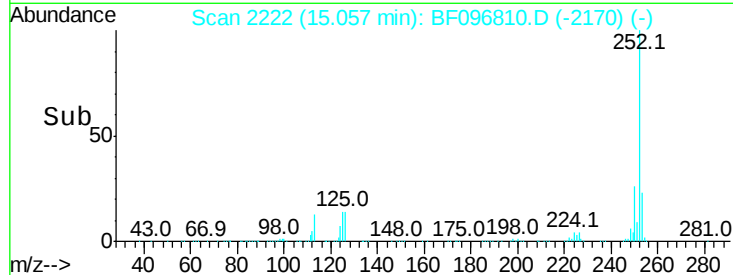
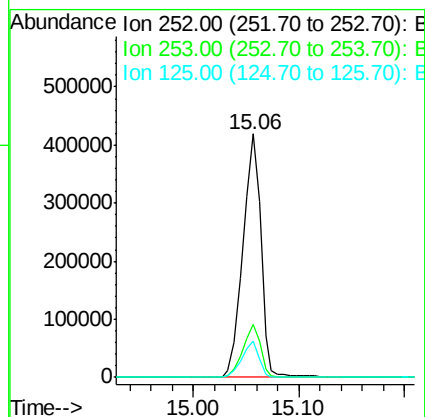
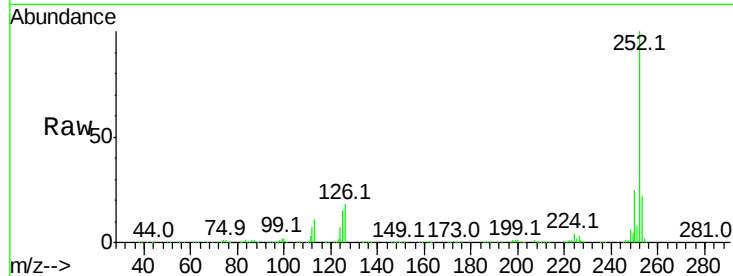
#89
Benzo(a)pyrene
Concen: 39.804 ng
RT: 15.06 min Scan# 2222
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	14.7	11.0	16.4

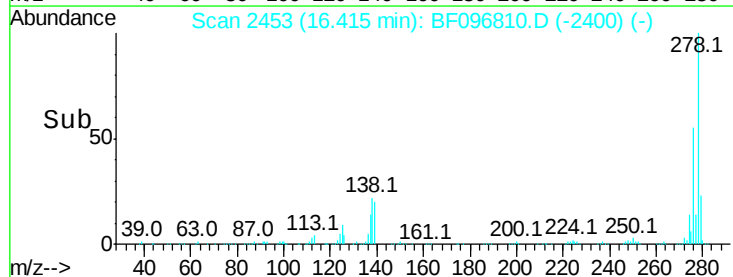
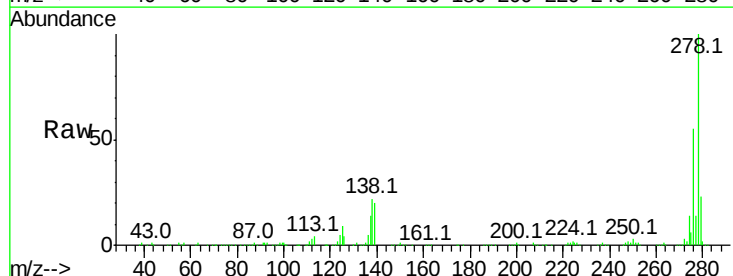
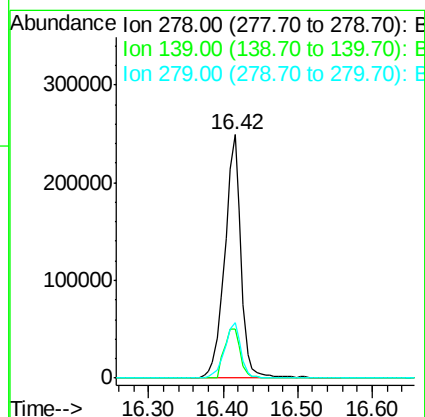
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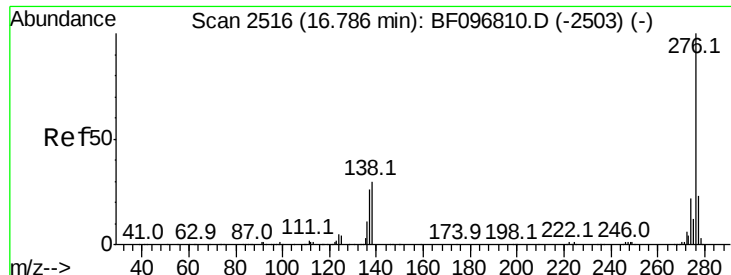
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 33.481 ng
RT: 16.42 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BF096810.D
Acq: 17 Jul 2017 10:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.6	24.8
279	22.8	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 33.468 ng
 RT: 16.79 min Scan# 2516
 Delta R.T. 0.01 min
 Lab File: BF096810.D
 Acq: 17 Jul 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	404644
Ion Ratio		Lower	Upper
276	100		
277	23.1	18.6	28.0
138	30.1	25.4	38.0

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