

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071217\
 Data File : BF096709.D
 Acq On : 12 Jul 2017 23:23
 Operator : SJ/JU
 Sample : I4127-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(7.5-8.0)MSD

Manual Integrations
 APPROVED

mohammad
 7/13/2017 1:38:05 PM

Quant Time: Jul 13 08:50:57 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	103950	20.00	ng	-0.03
21) Naphthalene-d8	7.95	136	438178	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	180550	20.00	ng	-0.03
63) Phenanthrene-d10	11.18	188	253149	20.00	ng	-0.03
75) Chrysene-d12	13.81	240	167954	20.00	ng	-0.04
86) Perylene-d12	15.20	264	166957	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	717996	101.95	ng	-0.02
7) Phenol-d6	6.32	99	898975	103.83	ng	-0.02
23) Nitrobenzene-d5	7.23	82	538060	73.79	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	157487	111.67	ng	-0.03
44) 2-Fluorobiphenyl	9.03	172	899796	85.21	ng	-0.04
78) Terphenyl-d14	12.76	244	524168	66.69	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.35	88	106955	32.027	ng	# 76
3) Pyridine	3.03	79	163893	17.887	ng	# 63
4) n-Nitrosodimethylamine	2.97	42	157095	34.735	ng	82
6) Aniline	6.33	93	253615	22.663	ng	# 1
8) 2-Chlorophenol	6.46	128	270638	36.035	ng	96
9) Benzaldehyde	6.21	77	149414	27.574	ng	99
10) Phenol	6.33	94	337299	34.196	ng	84
11) bis(2-Chloroethyl)ether	6.41	93	261369	34.288	ng	94
12) 1,3-Dichlorobenzene	6.61	146	290655	36.909	ng	98
13) 1,4-Dichlorobenzene	6.69	146	292585	37.173	ng	96
14) 1,2-Dichlorobenzene	6.84	146	273700	37.872	ng	98
15) Benzyl Alcohol	6.82	79	217937	37.655	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	547931	35.358	ng	92
17) 2-Methylphenol	6.93	107	219906	36.740	ng	97
18) Hexachloroethane	7.18	117	92714	32.491	ng	# 85
19) n-Nitroso-di-n-propylamine	7.09	70	181724	35.231	ng	# 87
20) 3+4-Methylphenols	7.09	107	260743	39.057	ng	# 89
22) Acetophenone	7.08	105	368232	38.461	ng	# 99
24) Nitrobenzene	7.25	77	270220	35.324	ng	92
25) Isophorone	7.49	82	492742	34.852	ng	96
26) 2-Nitrophenol	7.57	139	141124	34.855	ng	# 89
27) 2,4-Dimethylphenol	7.62	122	240308	34.856	ng	96
28) bis(2-Chloroethoxy)methane	7.70	93	335812	35.981	ng	99
29) 2,4-Dichlorophenol	7.82	162	216527	36.402	ng	97
30) 1,2,4-Trichlorobenzene	7.90	180	218329	38.911	ng	98
31) Naphthalene	7.97	128	777443	37.583	ng	100
33) 4-Chloroaniline	8.02	127	206224	24.001	ng	97
34) Hexachlorobutadiene	8.10	225	111022	38.577	ng	99
35) Caprolactam	8.39	113	48171m	23.485	ng	
36) 4-Chloro-3-methylphenol	8.51	107	228465	34.712	ng	85
37) 2-Methylnaphthalene	8.66	142	518326	39.363	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	188384	40.184	ng	99
40) Hexachlorocyclopentadiene	8.82	237	39407	17.288	ng	98
42) 2,4,6-Trichlorophenol	8.95	196	132701	35.782	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.99	196	132691	36.187	ng	95
45) 1,1'-Biphenyl	9.13	154	574280	37.123	ng	98
46) 2-Chloronaphthalene	9.15	162	438027	37.994	ng	93
47) 2-Nitroaniline	9.25	65	151001	35.996	ng	93
48) Acenaphthylene	9.56	152	684431	37.466	ng	99
49) Dimethylphthalate	9.43	163	647665	48.053	ng	99
50) 2,6-Dinitrotoluene	9.49	165	113113	37.951	ng #	92
51) Acenaphthene	9.73	154	387158	34.382	ng	98
52) 3-Nitroaniline	9.66	138	109483	29.451	ng	84
53) 2,4-Dinitrophenol	9.76	184	5419	3.423	ng #	77
54) Dibenzofuran	9.90	168	582882	39.207	ng	99
55) 4-Nitrophenol	9.83	139	147893	47.998	ng #	71
56) 2,4-Dinitrotoluene	9.89	165	140824	37.310	ng #	80
57) Fluorene	10.25	166	411111	39.154	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.03	232	90803	35.792	ng	98
59) Diethylphthalate	10.13	149	502857	39.472	ng	99
60) 4-Chlorophenyl-phenylether	10.25	204	183184	40.098	ng	91
61) 4-Nitroaniline	10.26	138	109578	32.417	ng	91
62) Azobenzene	10.40	77	444670	36.097	ng	92
64) 4,6-Dinitro-2-methylphenol	10.30	198	15499	8.878	ng #	75
65) n-Nitrosodiphenylamine	10.36	169	392854	44.230	ng	99
66) 4-Bromophenyl-phenylether	10.73	248	111670	45.315	ng	94
67) Hexachlorobenzene	10.80	284	110005	40.778	ng #	90
68) Atrazine	10.89	200	114470	45.110	ng	97
69) Pentachlorophenol	10.99	266	76210	47.667	ng	99
70) Phenanthrene	11.20	178	547517	40.010	ng	98
71) Anthracene	11.26	178	550464	39.474	ng	99
72) Carbazole	11.41	167	500252	35.670	ng	99
73) Di-n-butylphthalate	11.75	149	696245	40.988	ng	98
74) Fluoranthene	12.39	202	468965	34.953	ng	99
76) Benzidine	12.50	184	145478	18.052	ng #	92
77) Pyrene	12.62	202	468635	34.762	ng	98
79) Butylbenzylphthalate	13.24	149	238951	35.014	ng #	85
80) Benzo(a)anthracene	13.80	228	378315	38.897	ng	98
81) 3,3'-Dichlorobenzidine	13.76	252	132070	33.061	ng #	96
82) Chrysene	13.83	228	380166	37.326	ng	100
83) Bis(2-ethylhexyl)phthalate	13.80	149	322125	42.287	ng	99
84) Di-n-octyl phthalate	14.42	149	591271	39.415	ng	95
85) Indeno(1,2,3-cd)pyrene	16.53	276	302317	37.604	ng	100
87) Benzo(b)fluoranthene	14.81	252	365728	34.960	ng	98
88) Benzo(k)fluoranthene	14.84	252	376120	40.193	ng	96
89) Benzo(a)pyrene	15.14	252	346731	37.123	ng	99
90) Dibenzo(a,h)anthracene	16.54	278	253425	34.490	ng	98
91) Benzo(g,h,i)perylene	16.93	276	241510	31.719	ng	97

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

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Misc      :
ALS Vial  : 24      Sample Multiplier: 1

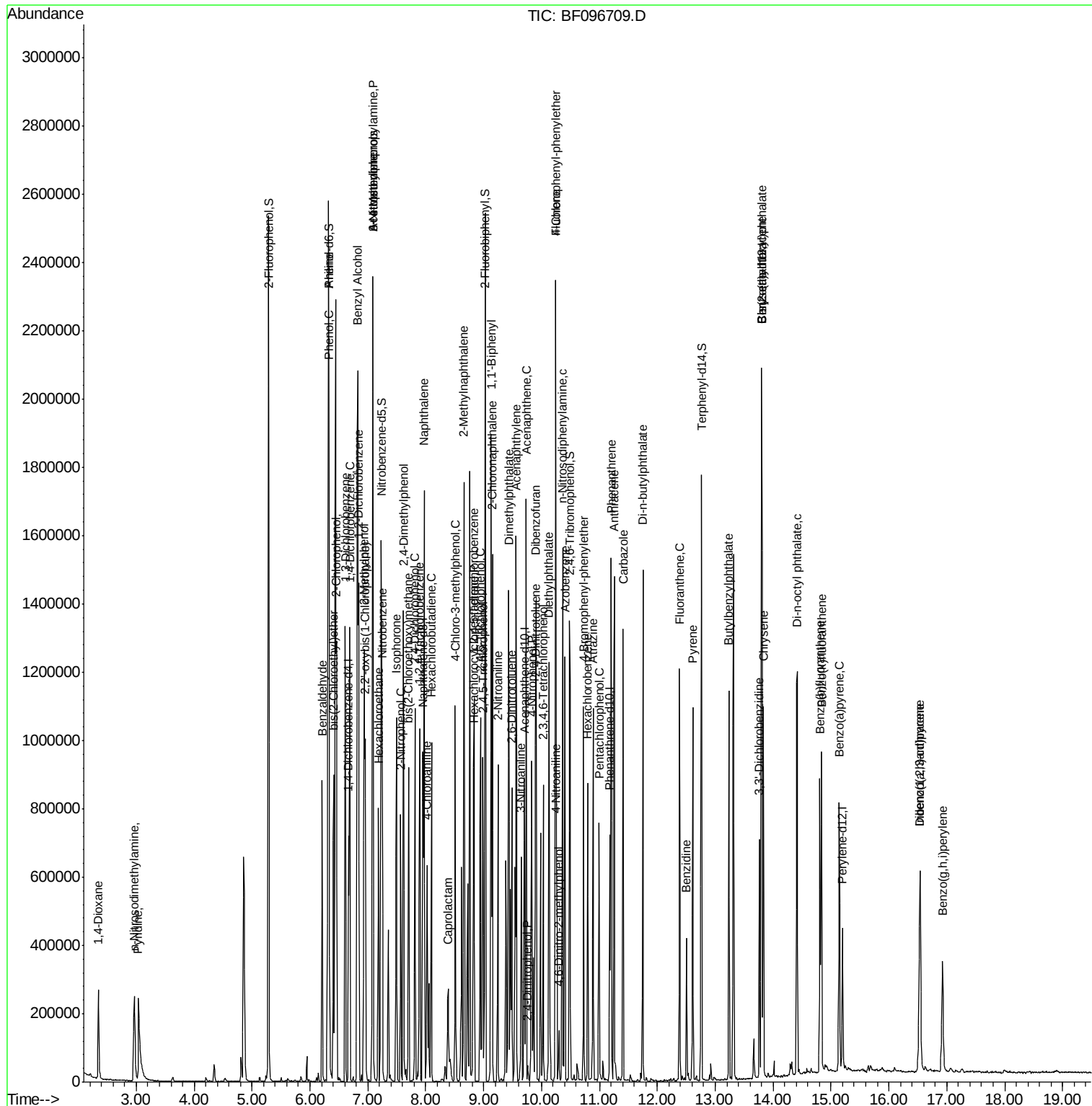
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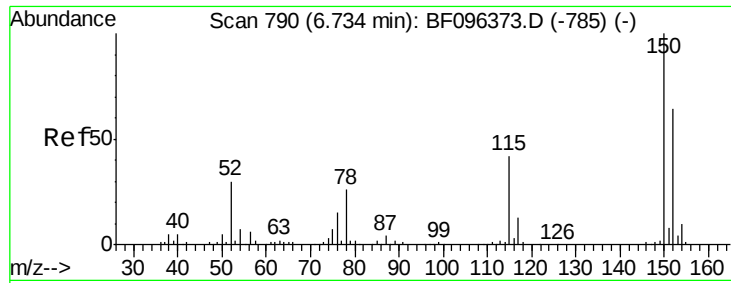
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#1

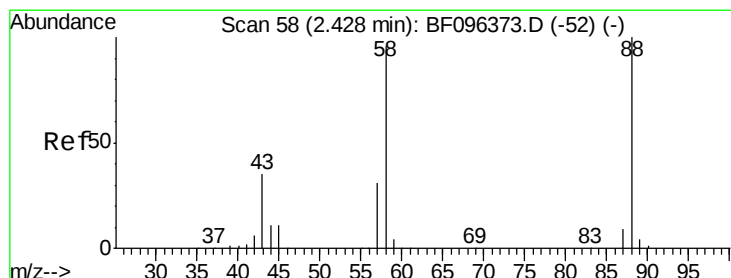
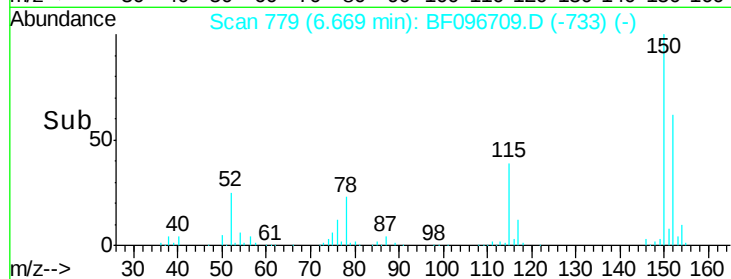
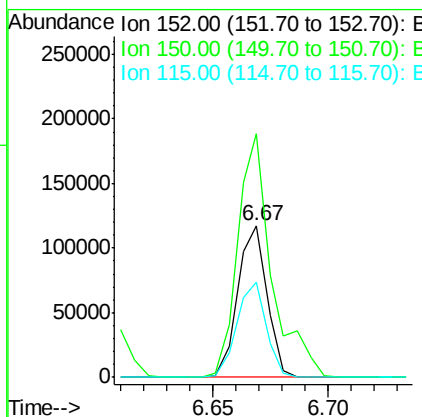
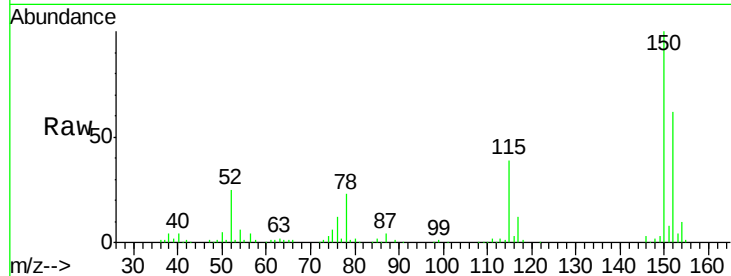
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.4	126.2	189.2
115	62.7	52.2	78.2

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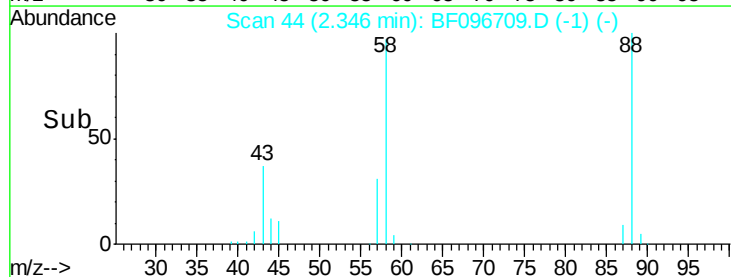
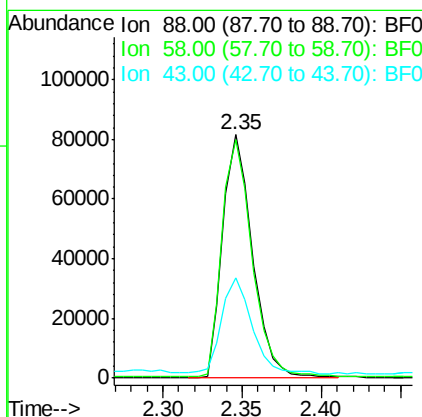
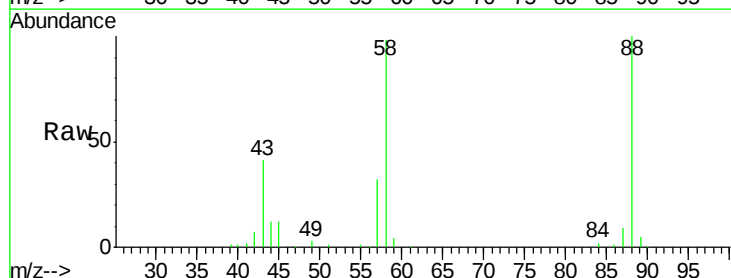
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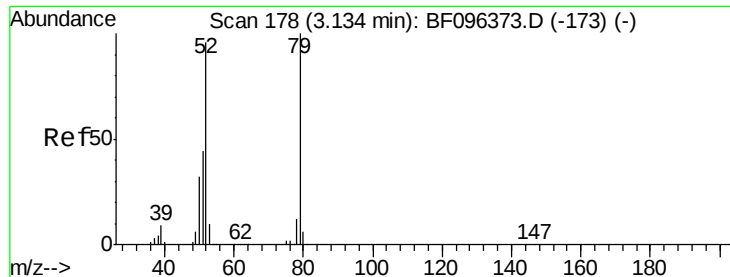


#2

1,4-Dioxane
Concen: 32.027 ng
RT: 2.35 min Scan# 44
Delta R.T. -0.02 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.4	61.4	92.0#
43	39.5	23.4	35.0#





#3

Pyridine

Concen: 17.887 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.02 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Instrument :

BNA_F

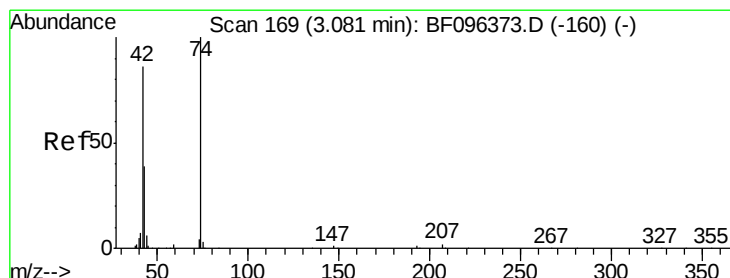
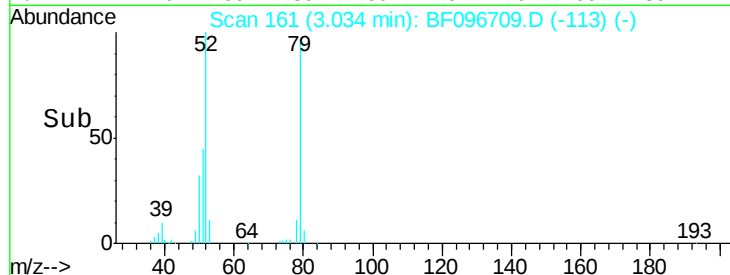
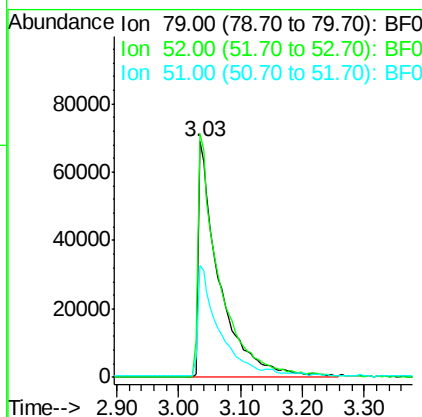
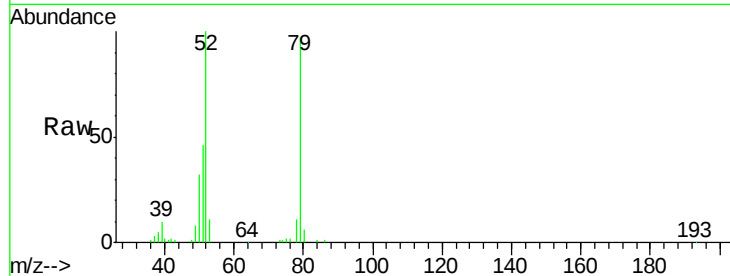
ClientSampleId :

SB-7(7.5-8.0)MSD

Tgt Ion:	79	Resp:	163893
Ion Ratio	Lower	Upper	
79	100		
52	103.3	54.8	82.2#
51	47.3	27.0	40.4#

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#4

n-Nitrosodimethylamine

Concen: 34.735 ng

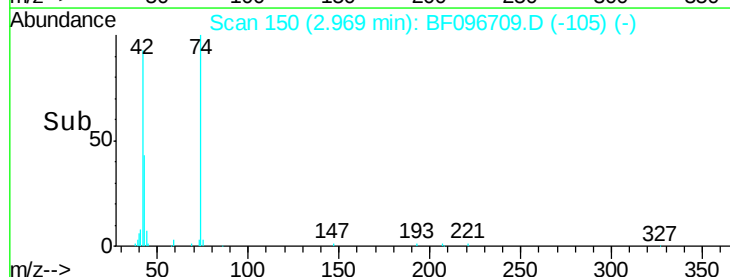
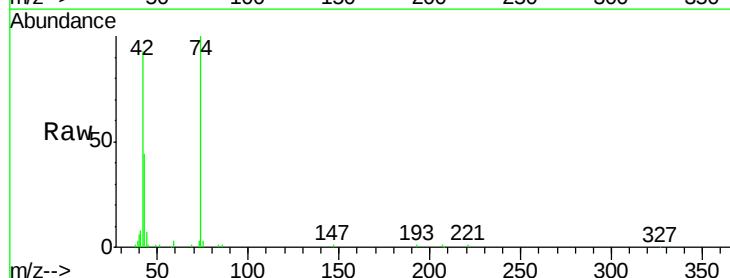
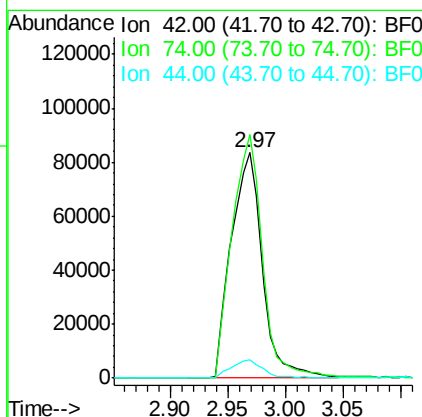
RT: 2.97 min Scan# 150

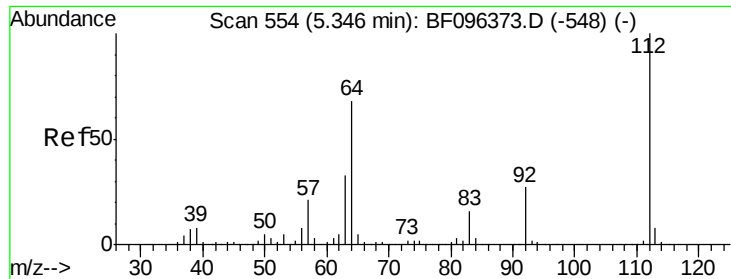
Delta R.T. -0.04 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Tgt Ion:	42	Resp:	157095
Ion Ratio	Lower	Upper	
42	100		
74	107.9	103.9	155.9
44	8.1	5.7	8.5





#5

2-Fluorophenol

Concen: 101.947 ng

RT: 5.29 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Instrument :

BNA_F

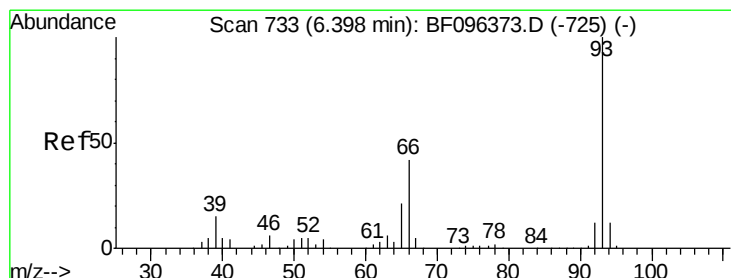
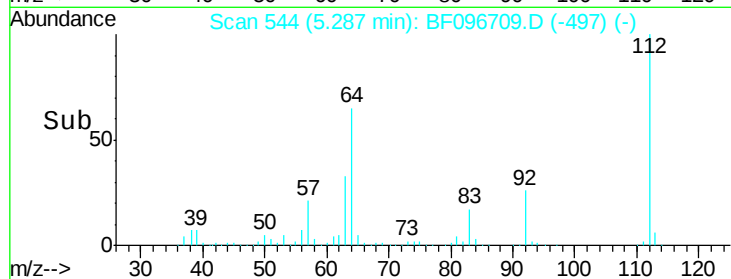
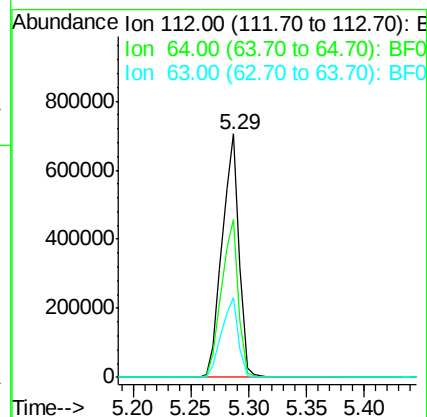
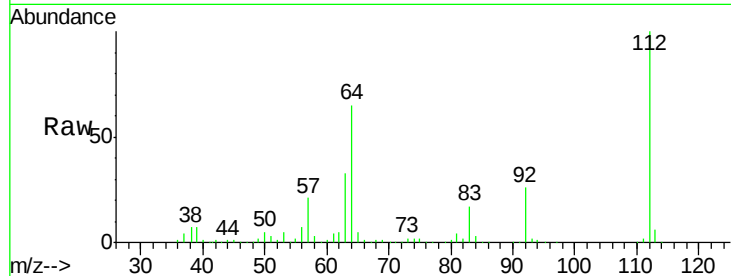
ClientSampleId :

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Tgt Ion:	112	Resp:	717996
Ion Ratio	Lower	Upper	
112	100		
64	65.0	46.0	69.0
63	33.0	23.4	35.0

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#6

Aniline

Concen: 22.663 ng

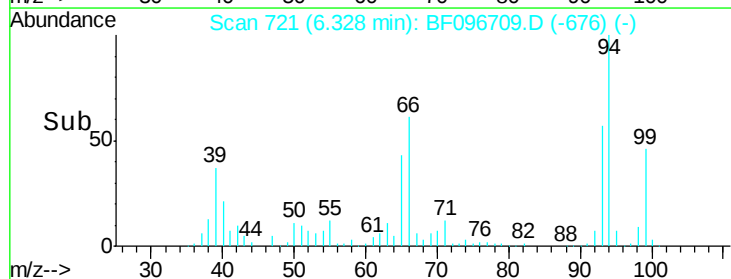
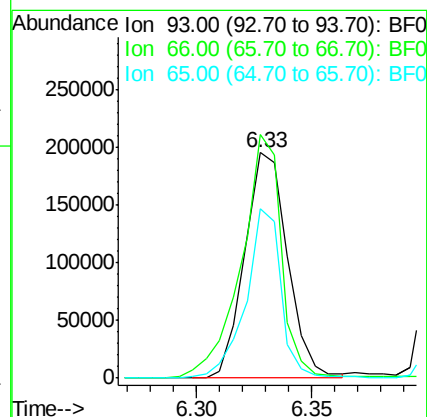
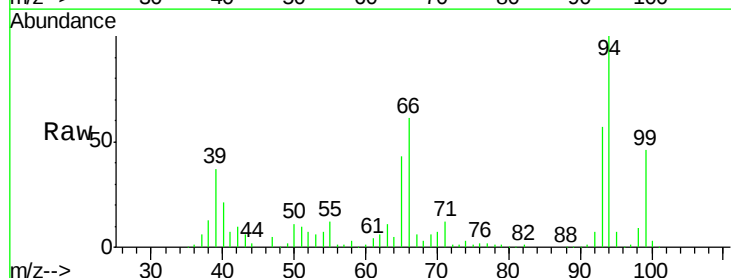
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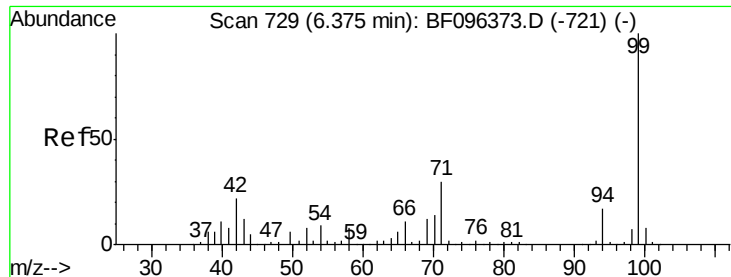
Delta R.T. -0.04 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Tgt Ion:	93	Resp:	253615
Ion Ratio	Lower	Upper	
93	100		
66	108.1	32.9	49.3#
65	75.0	16.0	24.0#





#7

Phenol-d6

Concen: 103.829 ng

RT: 6.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

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BNA_F

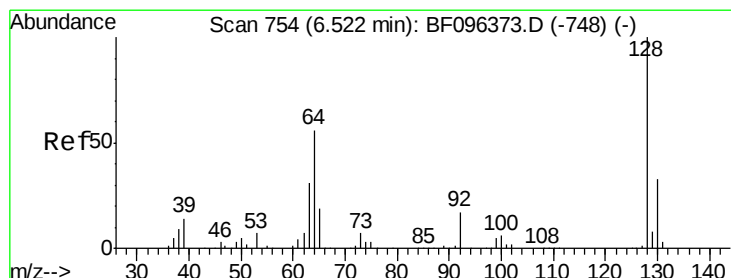
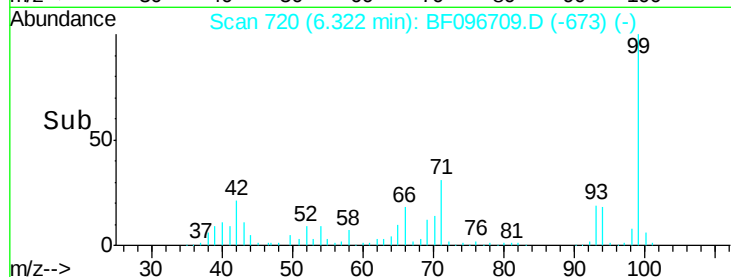
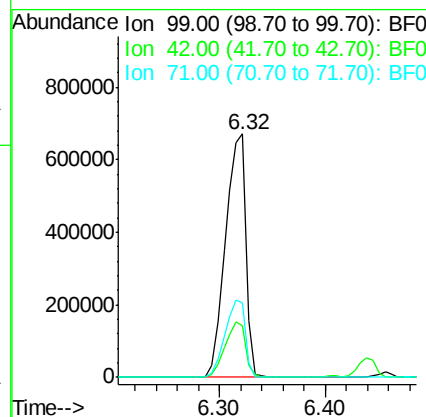
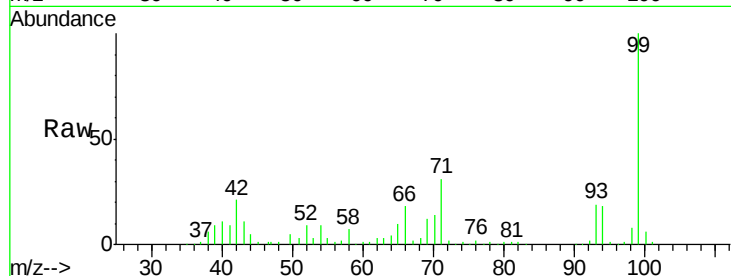
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Tgt Ion:	99	Resp:	898975
Ion Ratio	Lower	Upper	
99	100		
42	21.4	13.5	20.3#
71	30.9	24.5	36.7

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#8

2-Chlorophenol

Concen: 36.035 ng

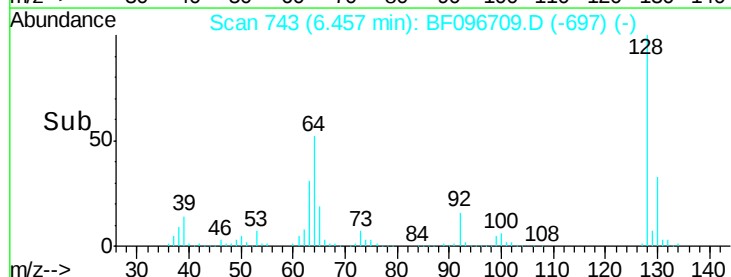
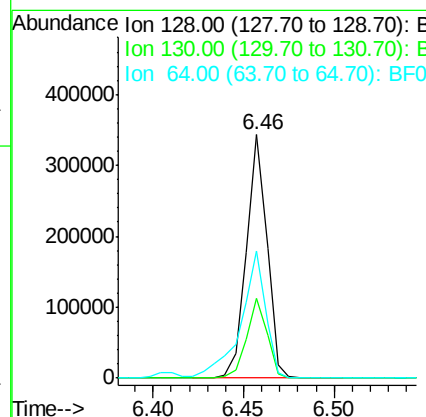
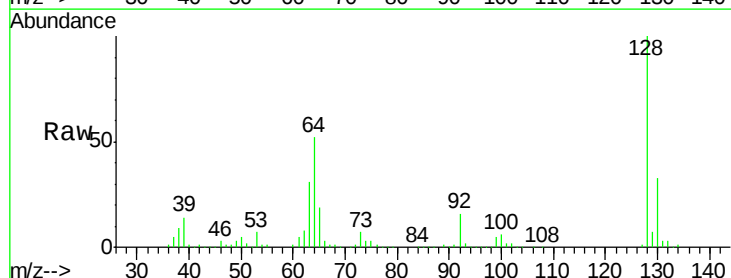
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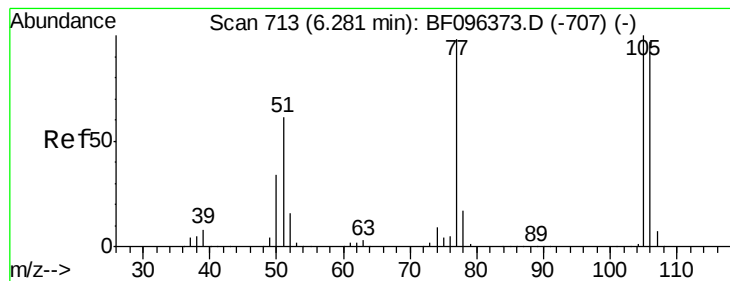
Delta R.T. -0.03 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Tgt Ion:	128	Resp:	270638
Ion Ratio	Lower	Upper	
128	100		
130	32.6	12.9	52.9
64	52.1	28.4	68.4





#9

Benzaldehyde

Concen: 27.574 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.04 min

Lab File: BF096709.D

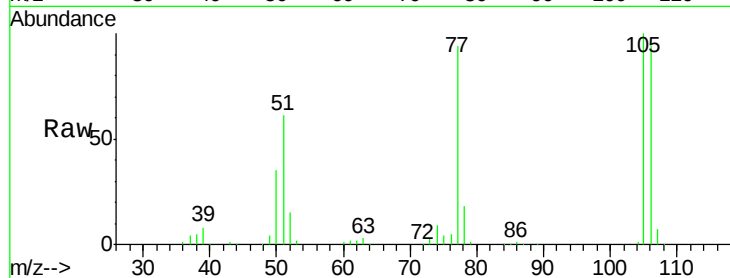
Acq: 12 Jul 2017 23:23

Instrument :

BNA_F

ClientSampleId :

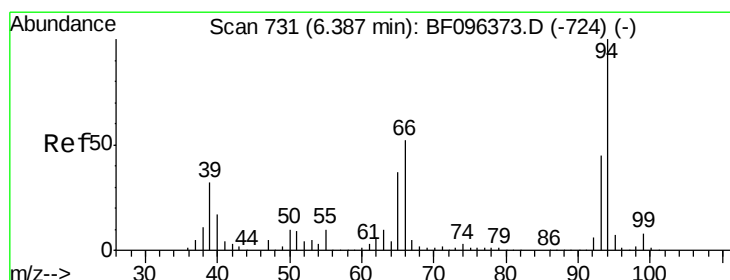
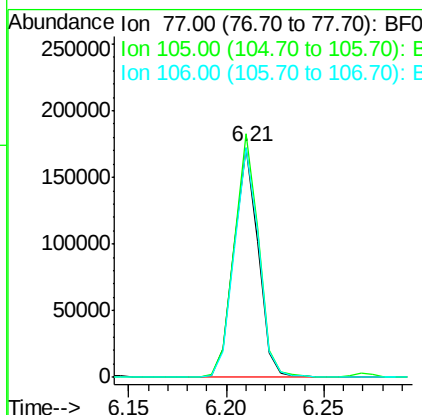
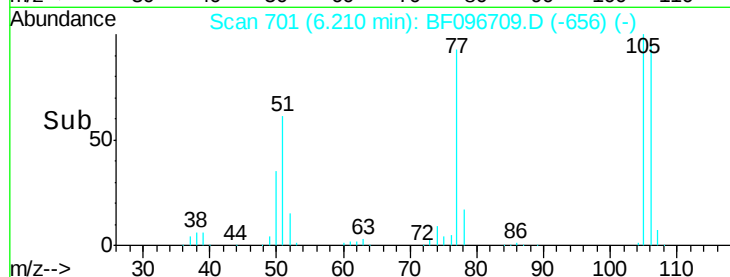
SB-7(7.5-8.0)MSD



Tgt Ion:	77	Resp:	149414
Ion	Ratio	Lower	Upper
77	100		
105	106.0	83.8	123.8
106	99.7	79.1	119.1

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#10

Phenol

Concen: 34.196 ng

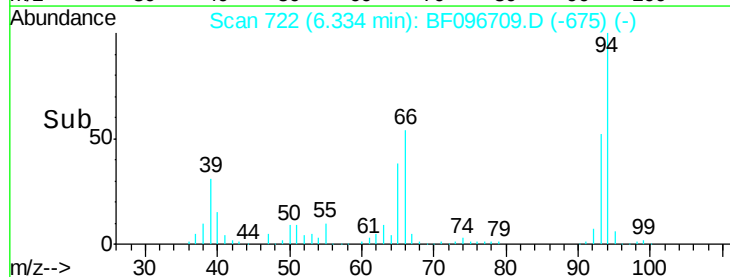
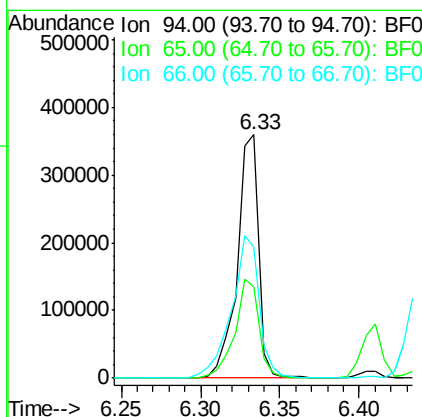
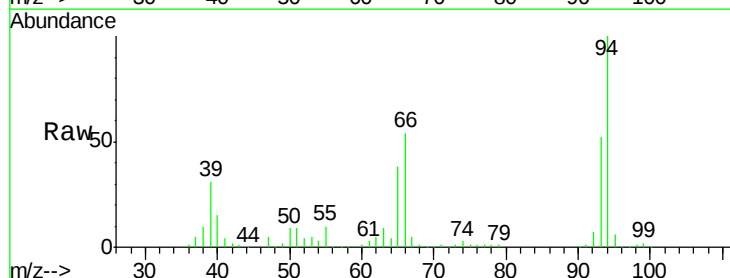
RT: 6.33 min Scan# 722

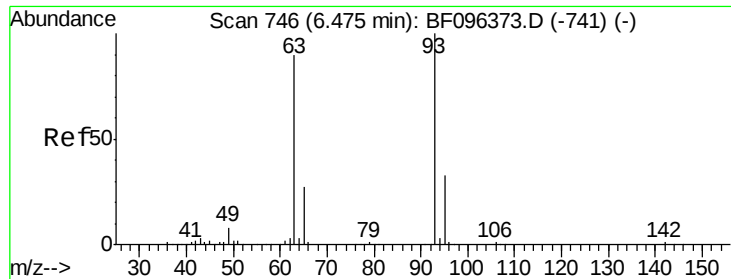
Delta R.T. -0.02 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Tgt Ion:	94	Resp:	337299
Ion	Ratio	Lower	Upper
94	100		
65	37.6	9.9	49.9
66	53.6	23.1	63.1





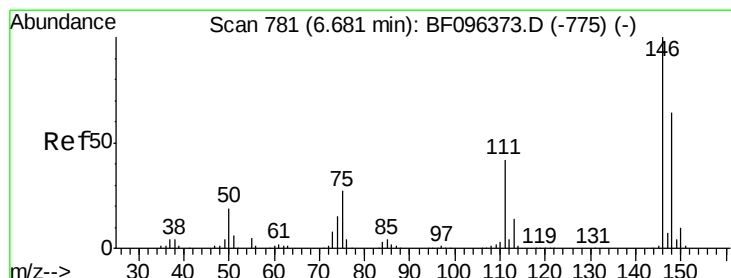
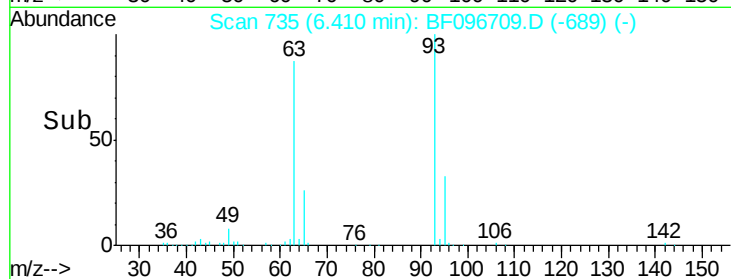
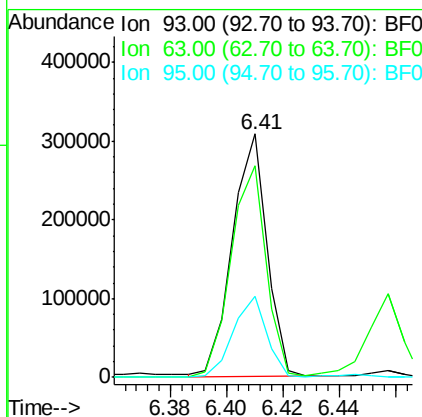
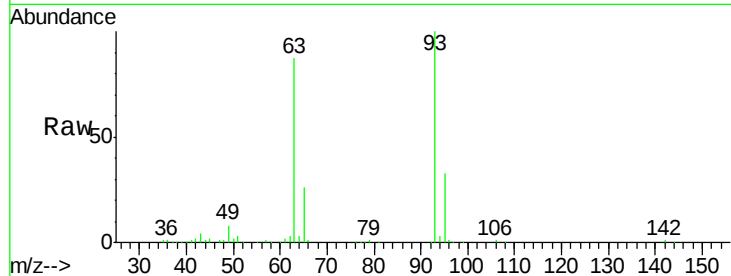
#11
bis(2-Chloroethyl)ether
Concen: 34.288 ng
RT: 6.41 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.7	59.2	99.2
95	33.4	12.8	52.8

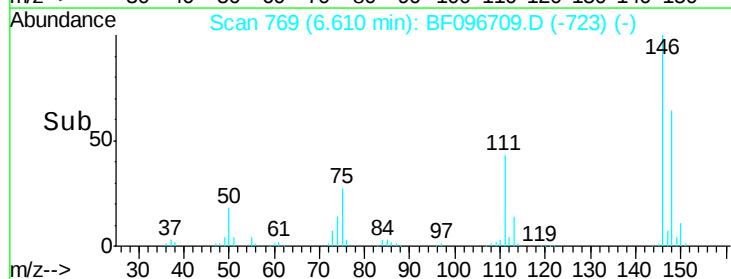
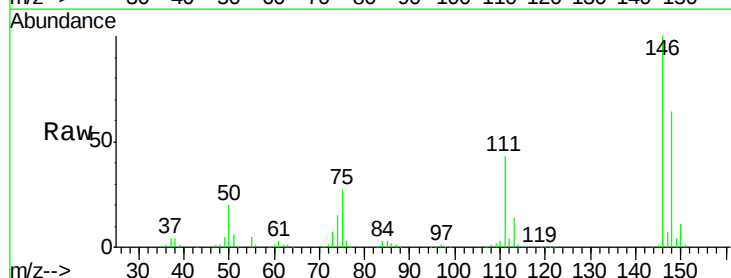
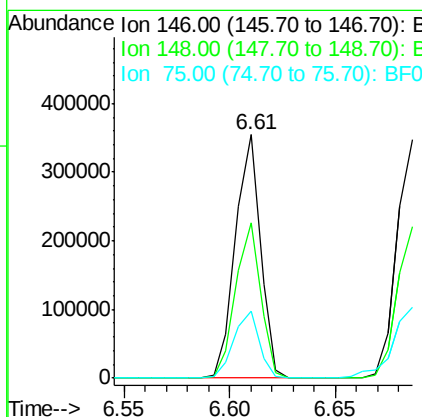
Manual Integrations
APPROVED

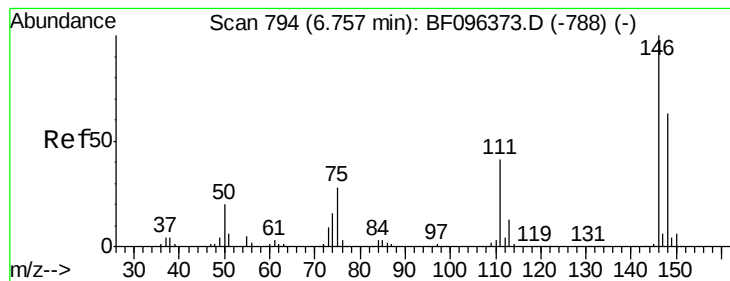
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.909 ng
RT: 6.61 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.8	77.6
75	27.3	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 37.173 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.03 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Instrument :

BNA_F

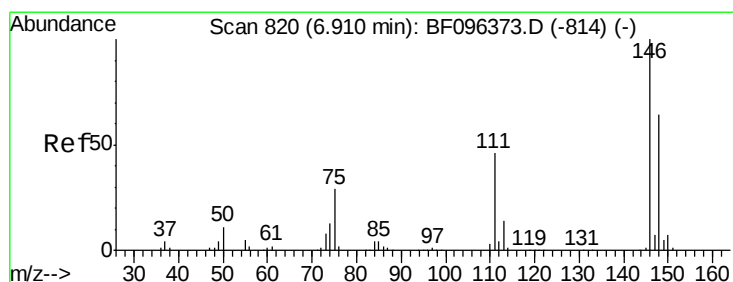
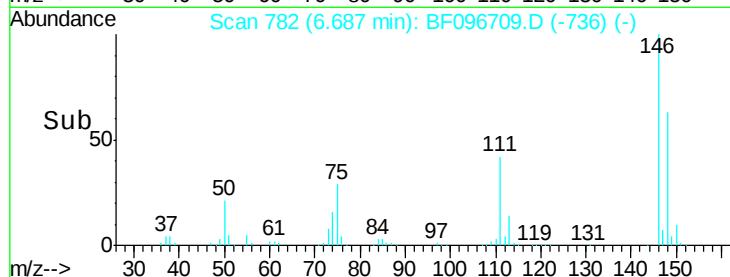
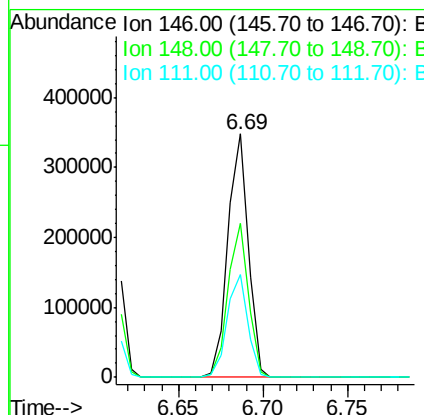
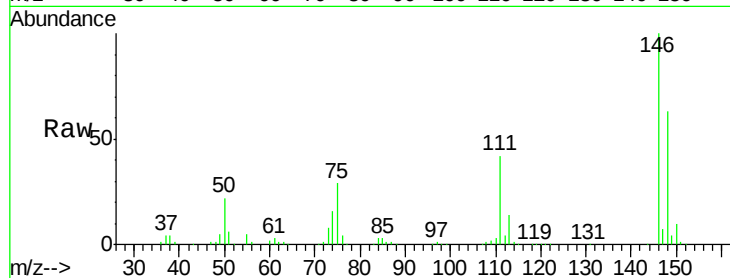
ClientSampleId :

SB-7(7.5-8.0)MSD

Tgt Ion:	146	Resp:	292585
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.2
111	42.4	30.3	45.5

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#14

1,2-Dichlorobenzene

Concen: 37.872 ng

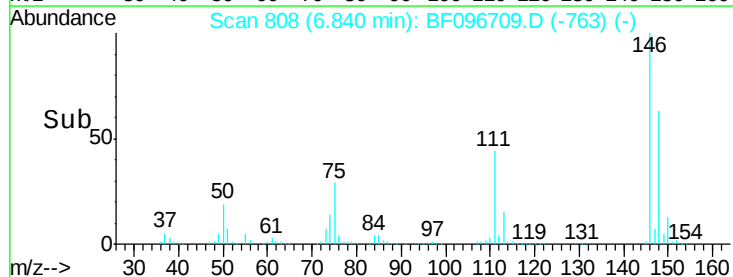
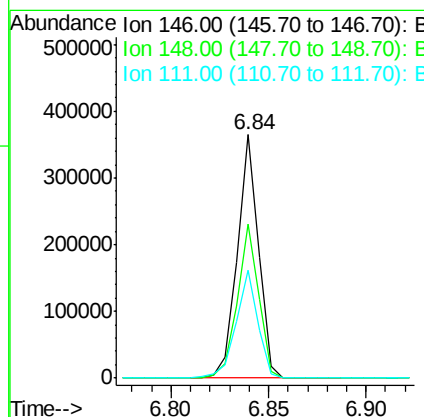
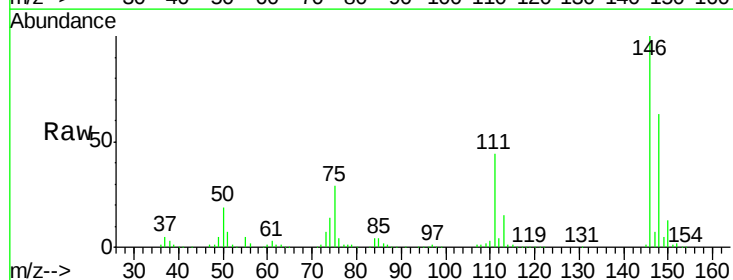
RT: 6.84 min Scan# 808

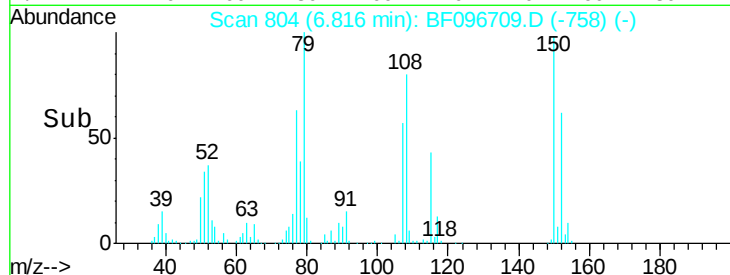
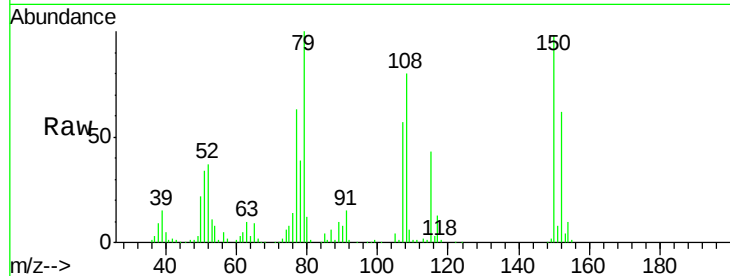
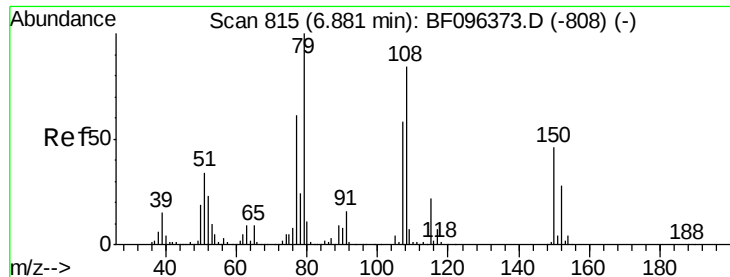
Delta R.T. -0.04 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Tgt Ion:	146	Resp:	273700
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.4	75.6
111	44.5	38.2	57.4





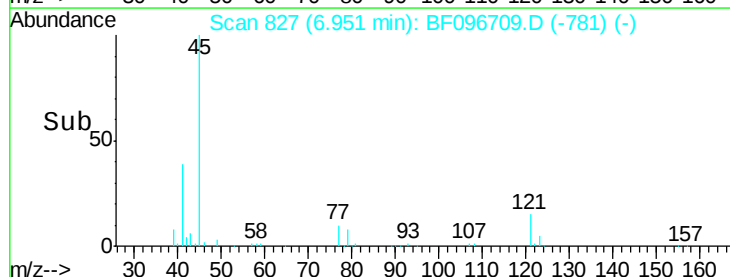
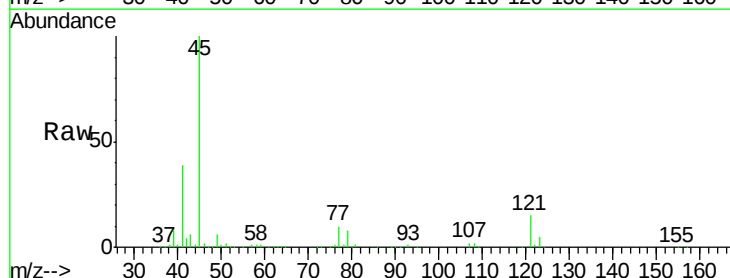
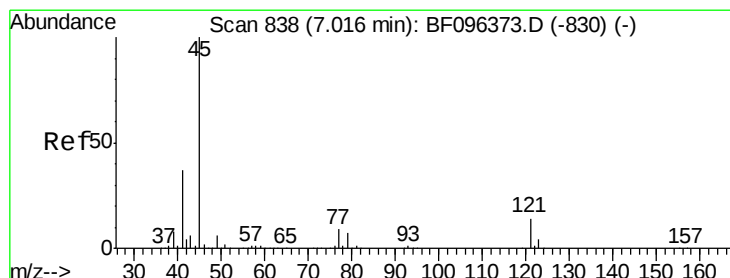
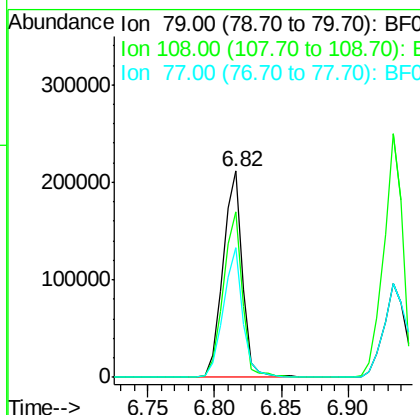
#15
Benzyl Alcohol
Concen: 37.655 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion: 79 Resp: 217937
Ion Ratio Lower Upper
79 100
108 80.5 63.4 95.0
77 62.6 49.2 73.8

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

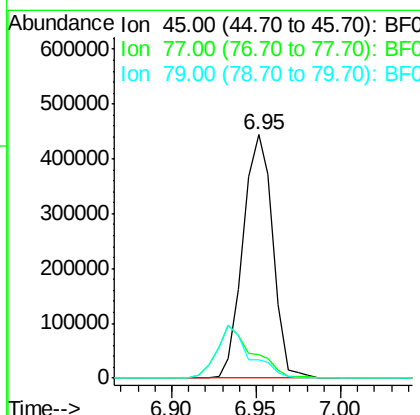
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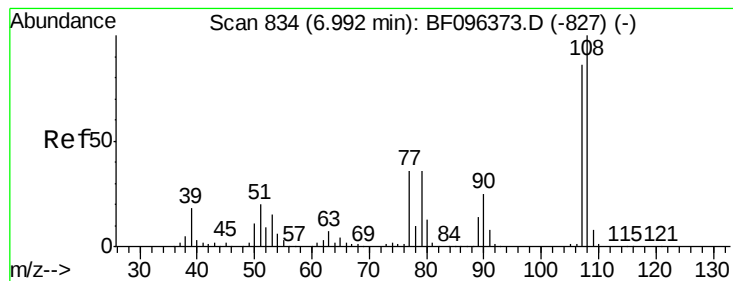
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.358 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion: 45 Resp: 547931
Ion Ratio Lower Upper
45 100
77 9.8 0.0 33.2
79 7.6 0.0 30.0





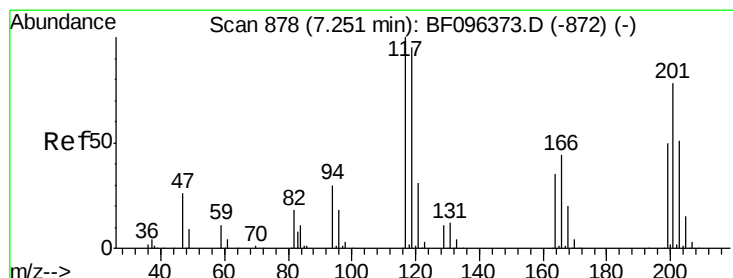
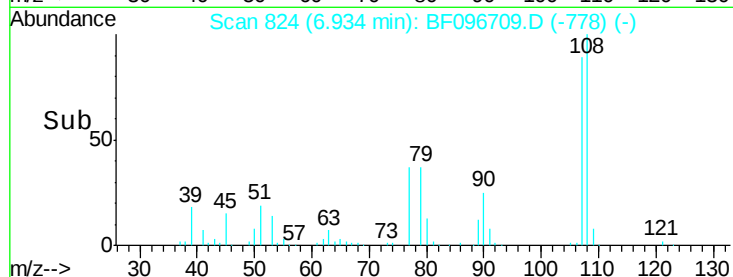
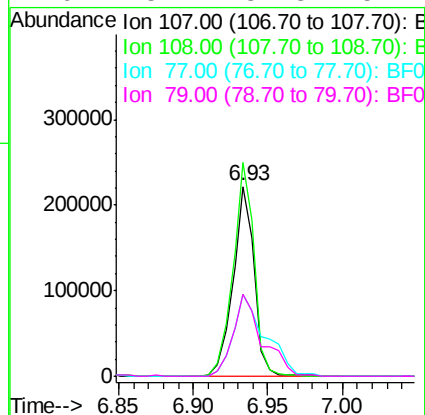
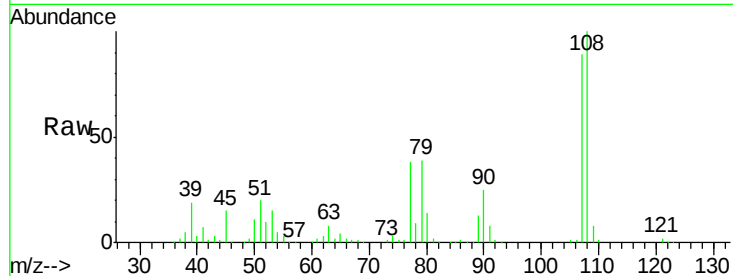
#17
2-Methylphenol
Concen: 36.740 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	219906		
108	112.6	93.4	140.0	
77	43.3	35.8	53.6	
79	43.4	34.8	52.2	

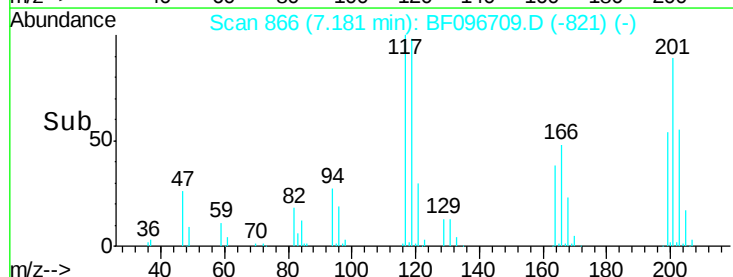
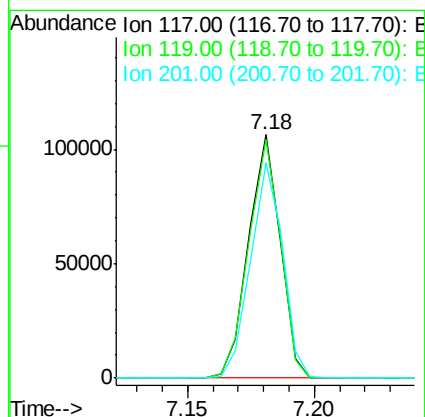
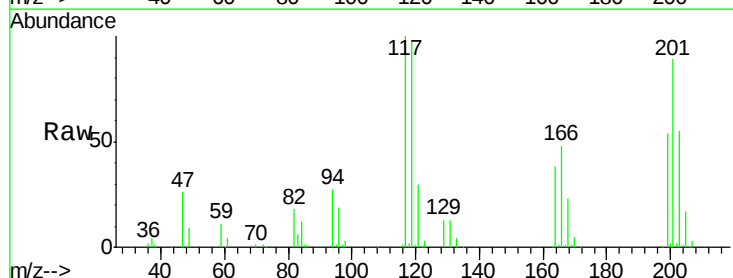
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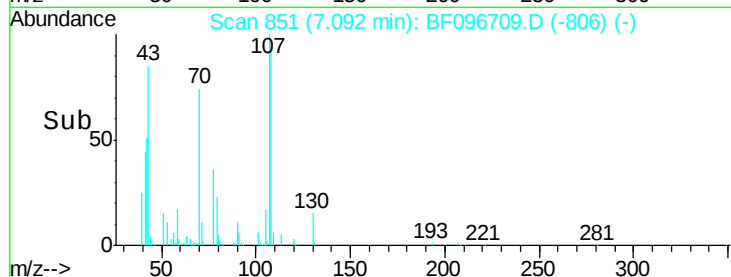
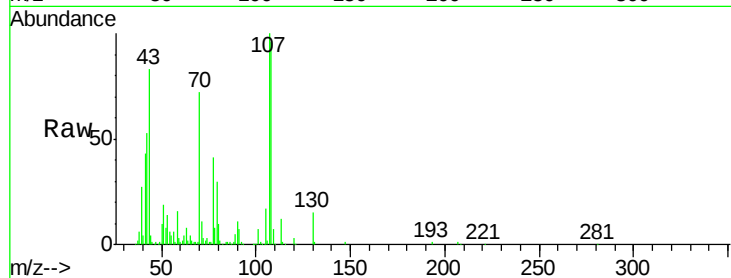
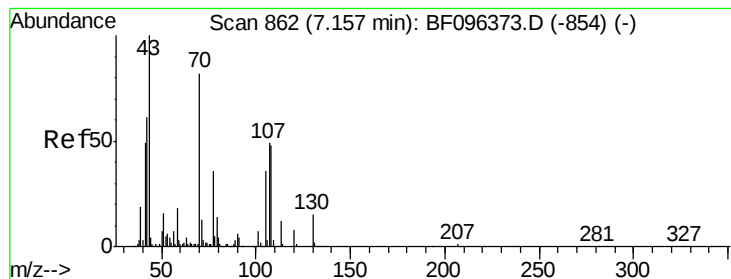
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#18
Hexachloroethane
Concen: 32.491 ng
RT: 7.18 min Scan# 866
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	92714		
119	97.9	77.4	116.0	
201	88.6	94.6	141.8#	





#19

n-Nitroso-di-n-propylamine

Concen: 35.231 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.04 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Instrument :

BNA_F

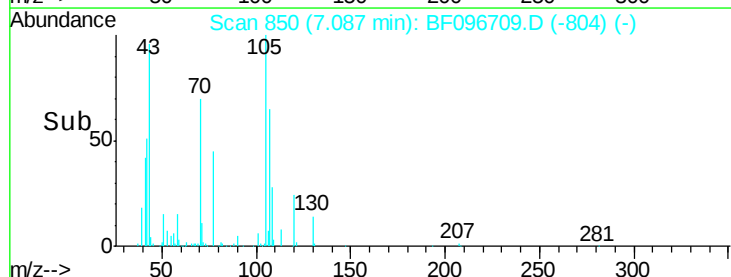
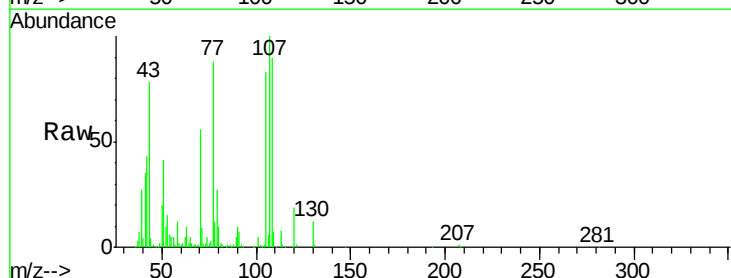
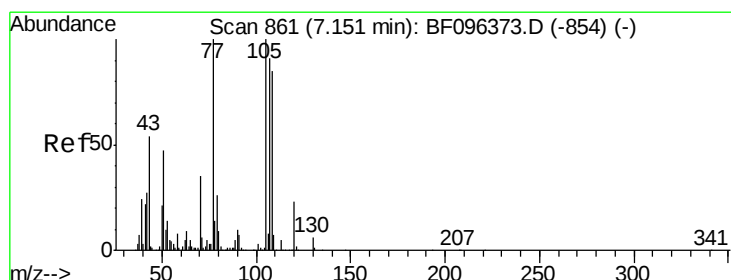
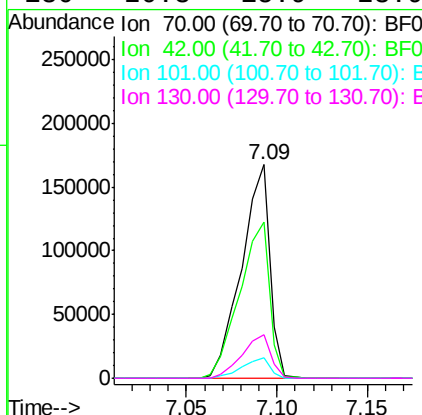
ClientSampleId :

SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	73.0	47.2	70.8#
101	9.4	7.2	10.8
130	20.3	15.9	23.9

Manual Integrations
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#20

3+4-Methylphenols

Concen: 39.057 ng

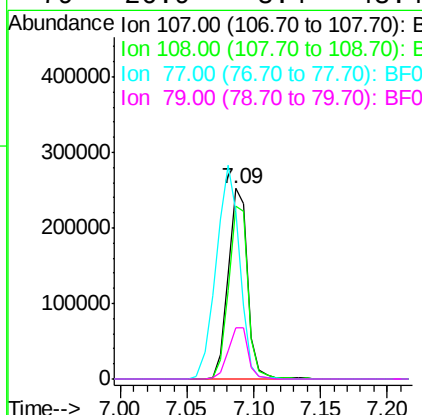
RT: 7.09 min Scan# 850

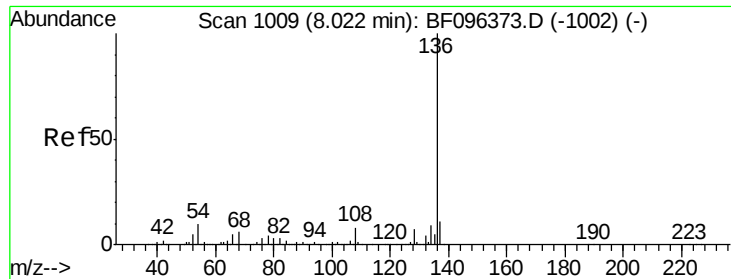
Delta R.T. -0.03 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	71.0	111.0
77	88.3	90.5	130.5#
79	26.9	8.4	48.4





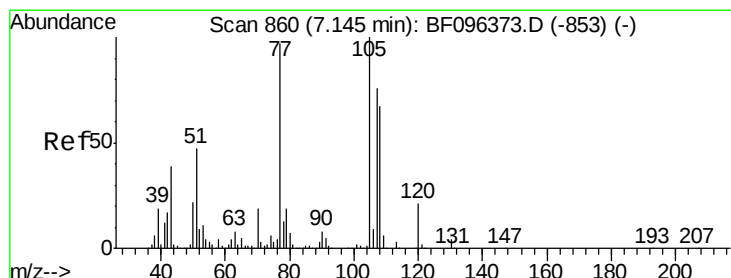
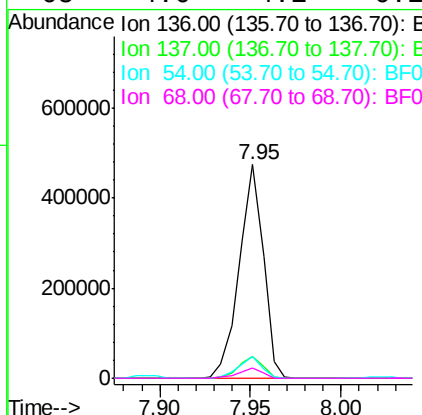
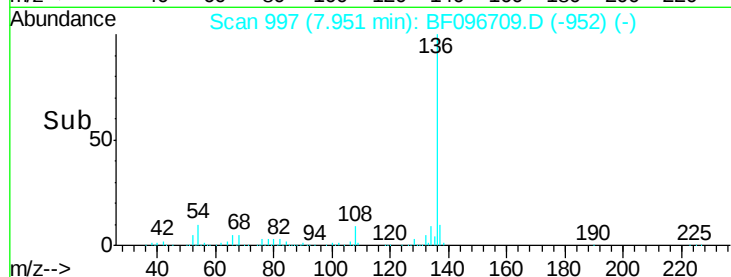
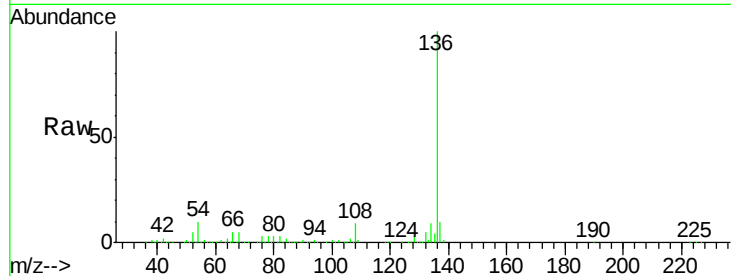
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	438178		
137	10.3	8.5	12.7	
54	10.3	4.9	7.3	
68	4.6	4.1	6.1	

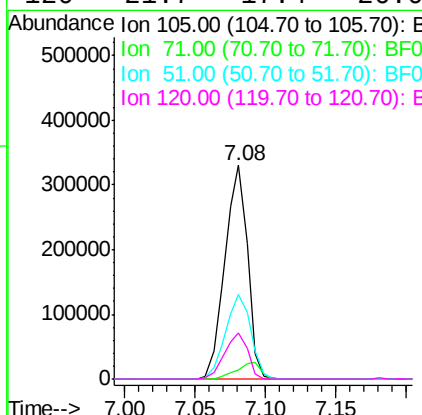
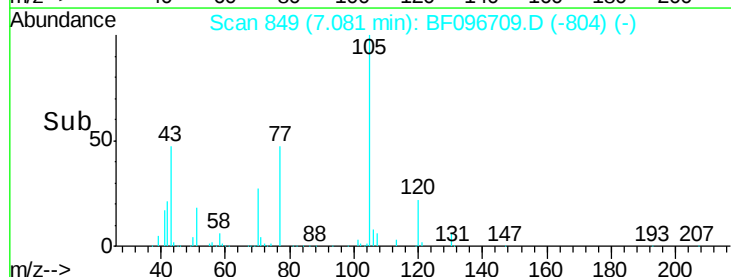
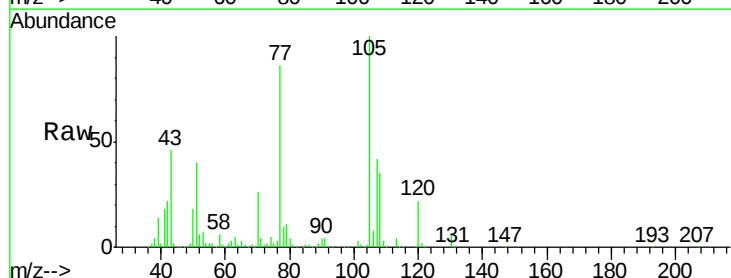
Manual Integrations
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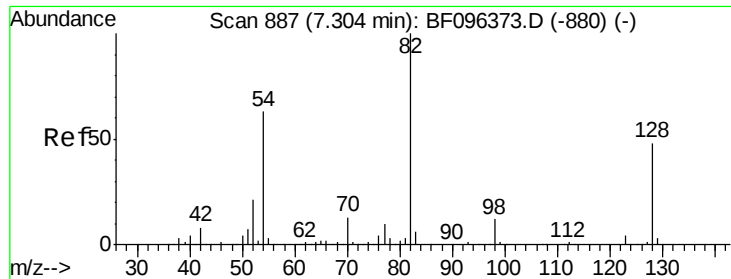
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#22
Acetophenone
Concen: 38.461 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	368232		
71	4.2	2.8	4.2	
51	39.7	30.7	46.1	
120	21.7	17.4	26.0	





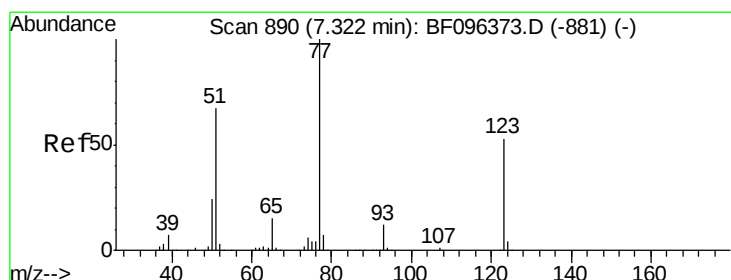
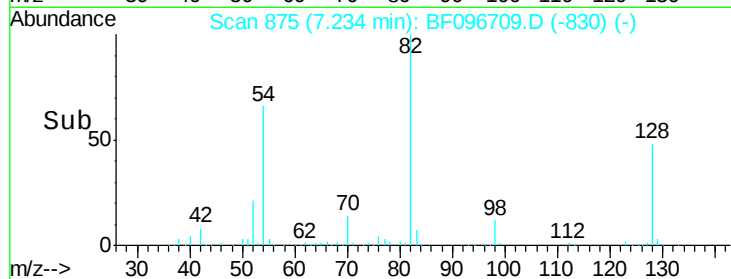
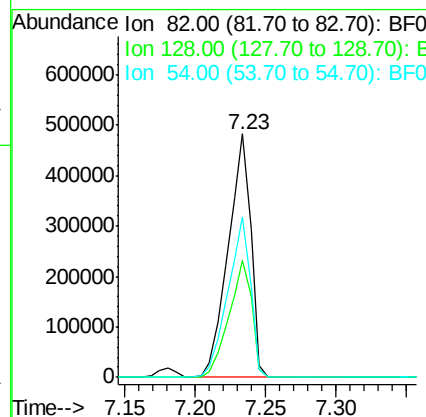
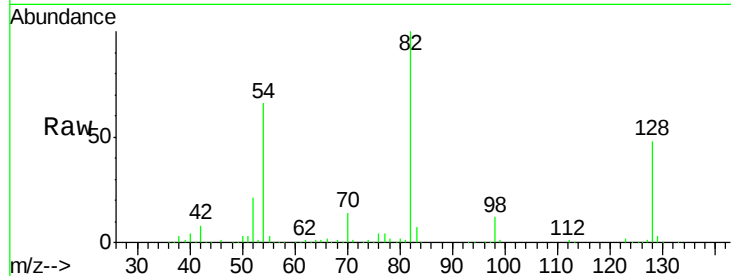
#23
 Nitrobenzene-d5
 Concen: 73.788 ng
 RT: 7.23 min Scan# 875
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	538060		
128	48.1	34.0	51.0	
54	65.9	42.2	63.2#	

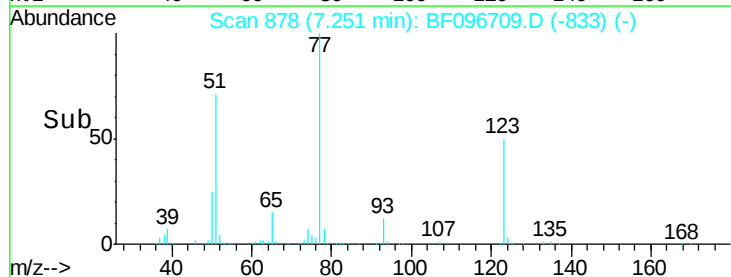
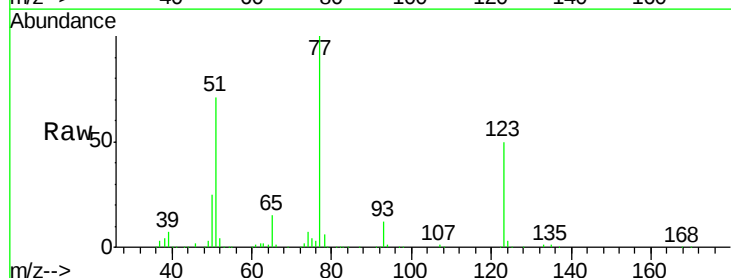
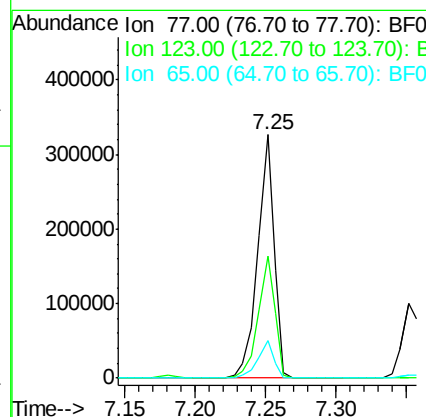
Manual Integrations
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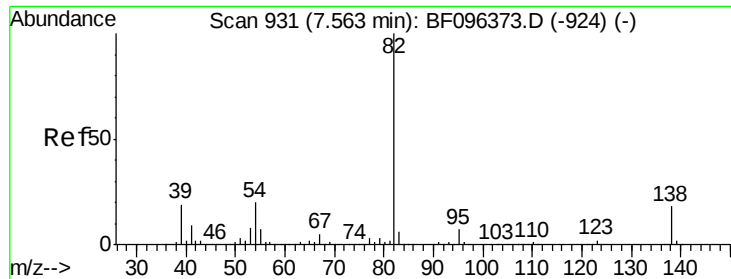
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#24
 Nitrobenzene
 Concen: 35.324 ng
 RT: 7.25 min Scan# 878
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	270220		
123	50.2	35.8	53.8	
65	15.2	10.6	15.8	





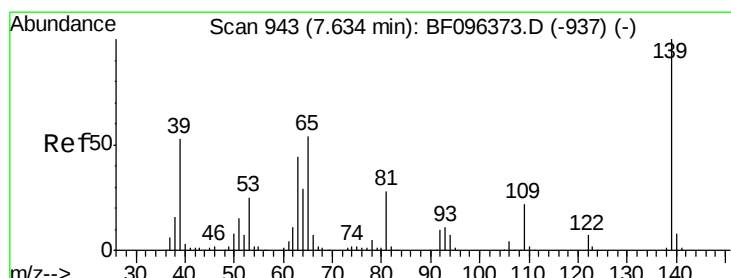
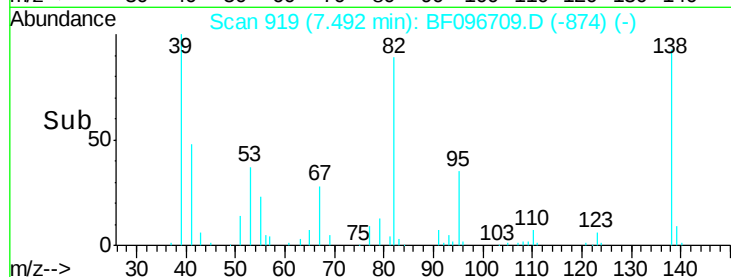
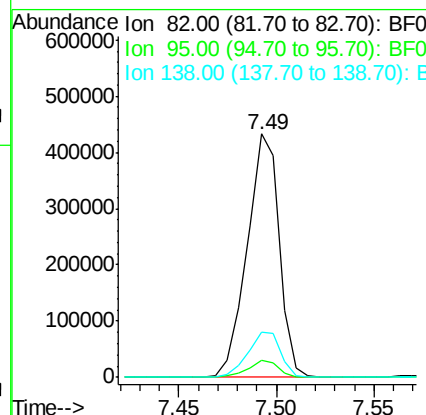
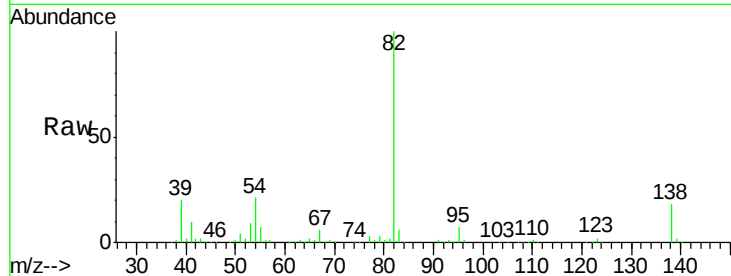
#25
Isophorone
Concen: 34.852 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	492742		
95	6.8	5.3	7.9	
138	18.4	13.1	19.7	

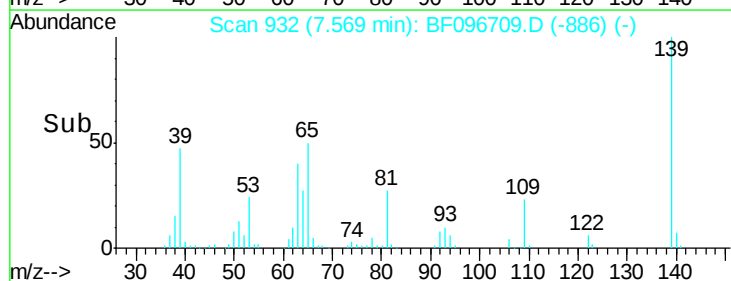
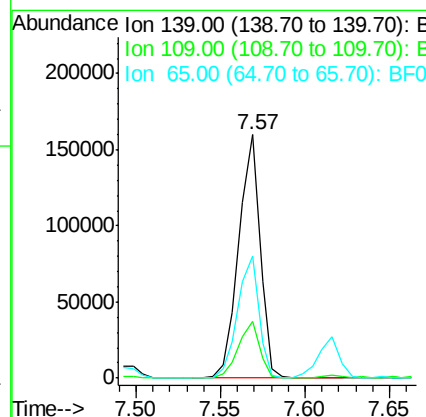
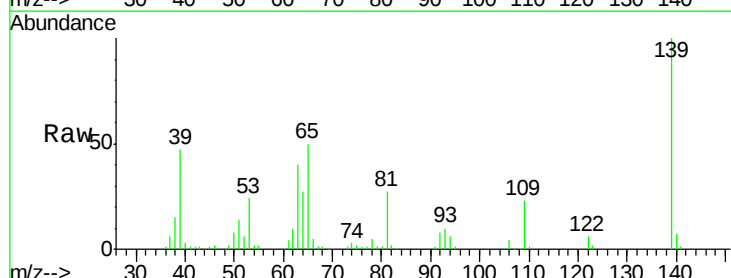
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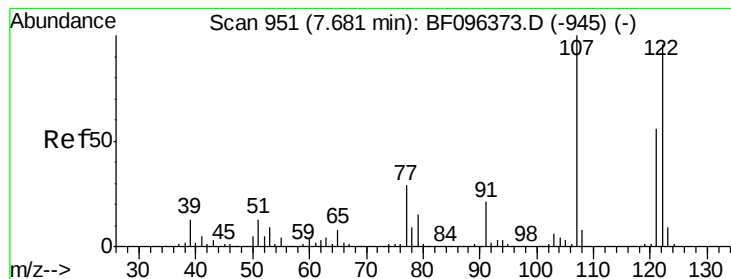
mohammad
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#26
2-Nitrophenol
Concen: 34.855 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	141124		
109	23.5	21.0	31.6	
65	50.3	33.0	49.6	





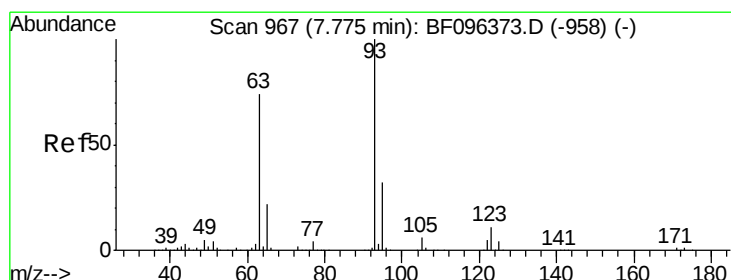
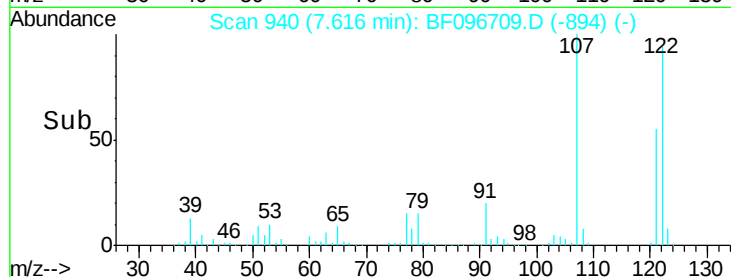
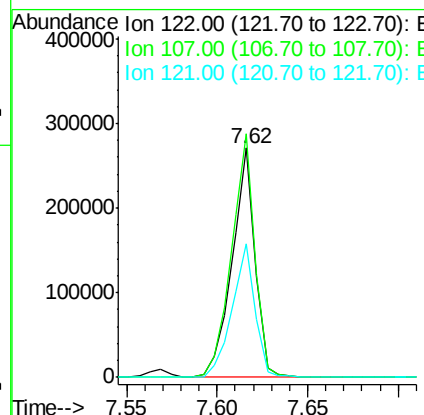
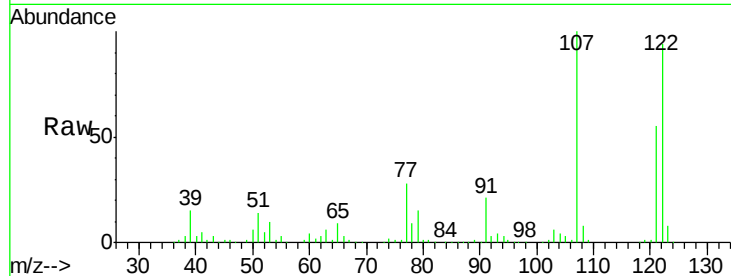
#27
 2,4-Dimethylphenol
 Concen: 34.856 ng
 RT: 7.62 min Scan# 940
 Delta R.T. -0.03 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	240308		
107	106.3	89.2	133.8	
121	58.1	45.2	67.8	

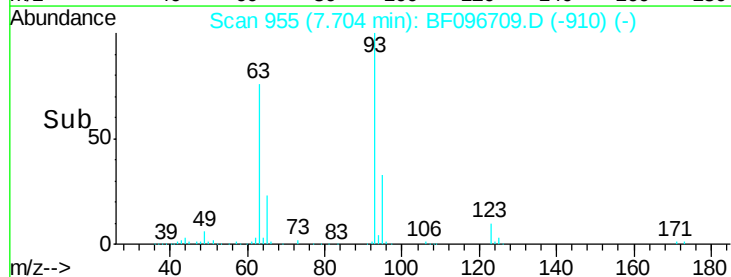
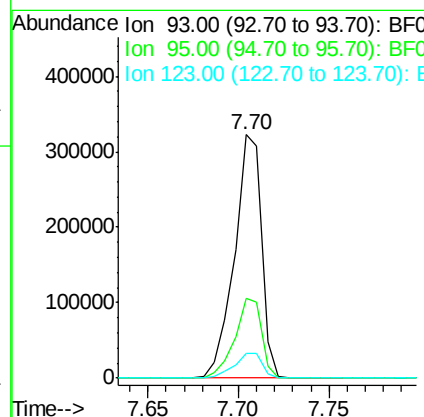
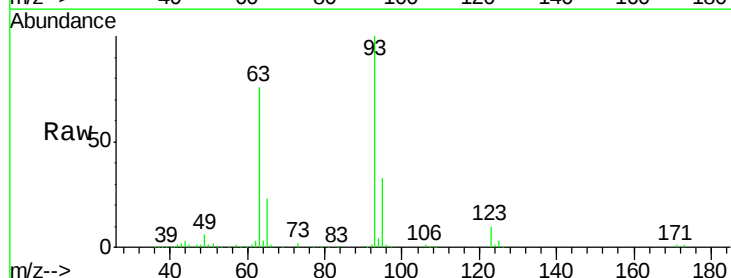
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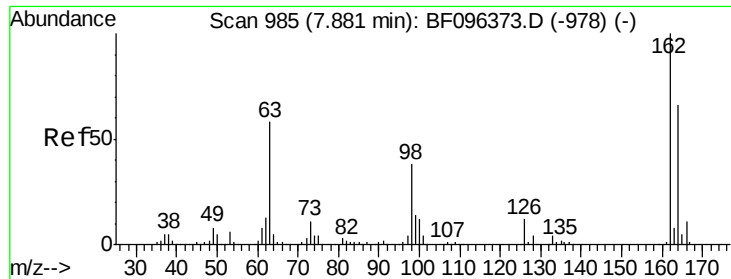
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.981 ng
 RT: 7.70 min Scan# 955
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	335812		
95	32.5	26.5	39.7	
123	10.4	9.0	13.4	





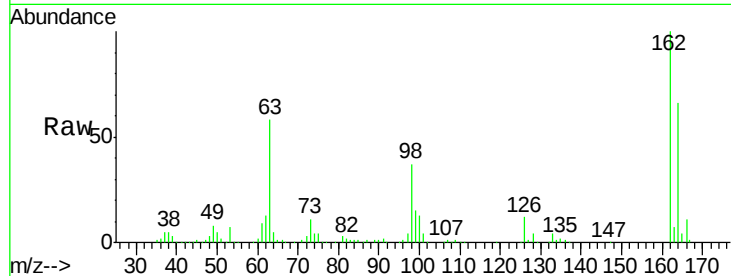
#29
2,4-Dichlorophenol
Concen: 36.402 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

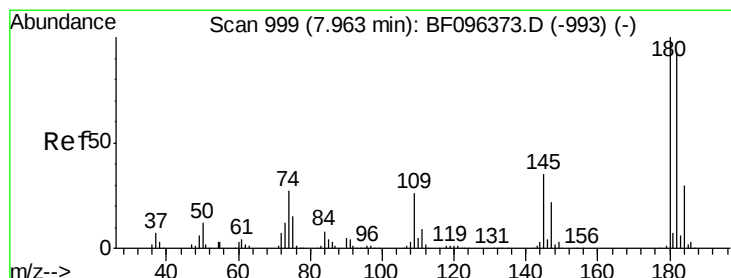
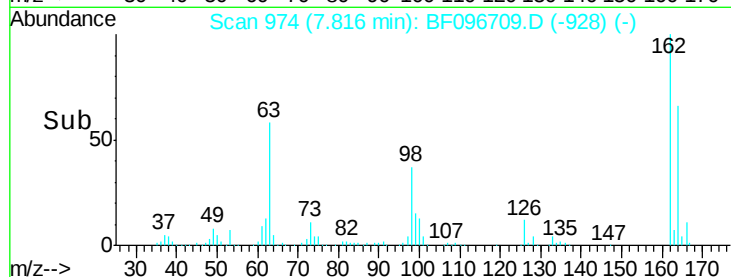
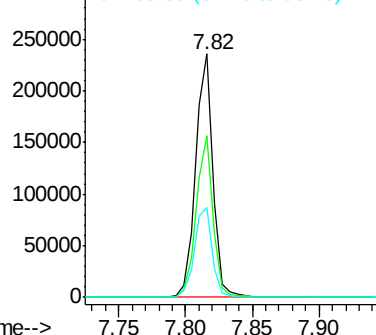
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	216527		
164	66.5	44.6	84.6	
98	36.8	14.8	54.8	

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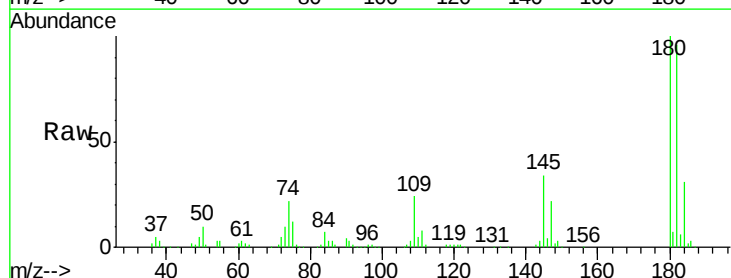


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

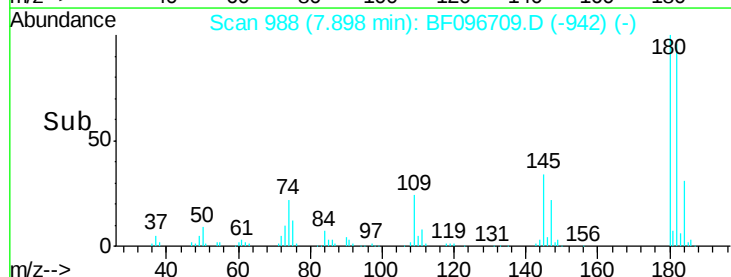
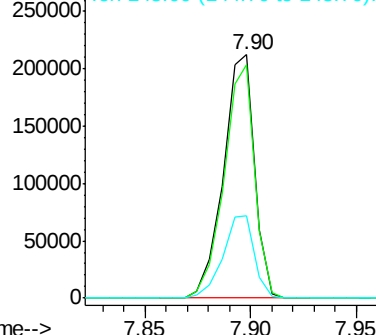


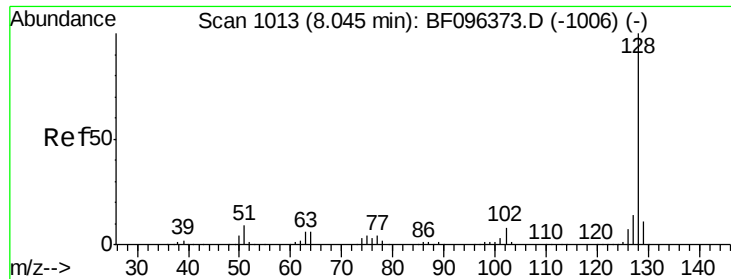
#30
1,2,4-Trichlorobenzene
Concen: 38.911 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	218329		
182	95.6	75.8	113.6	
145	33.9	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





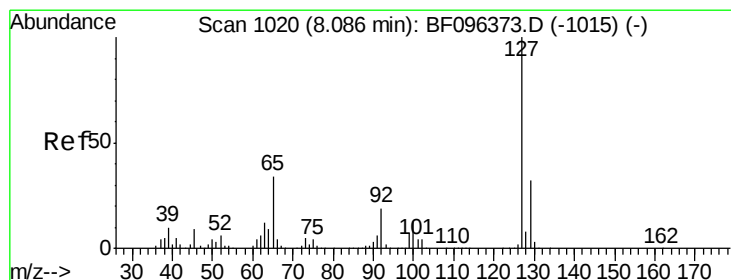
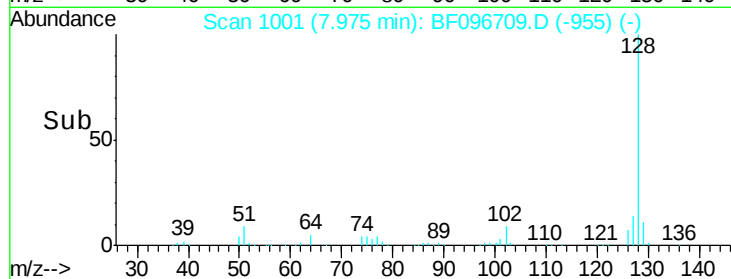
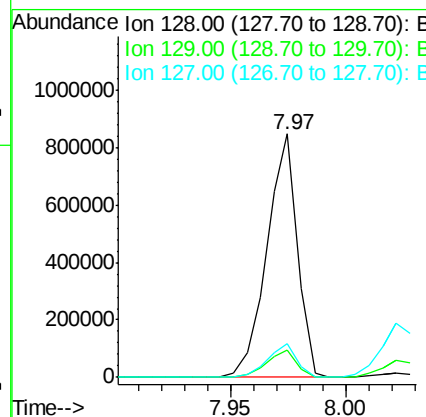
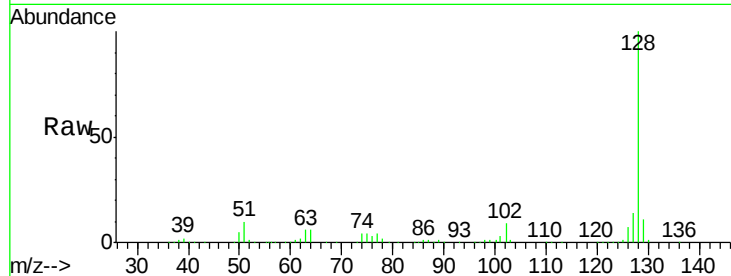
#31
Naphthalene
Concen: 37.583 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.6	10.8	16.2

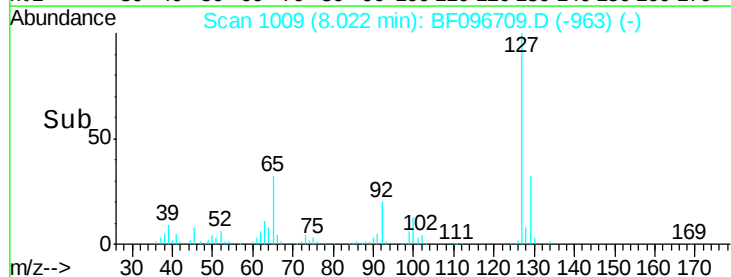
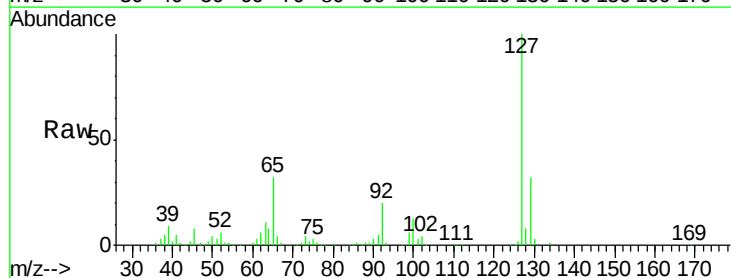
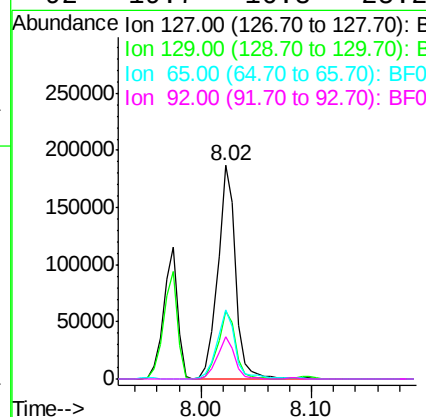
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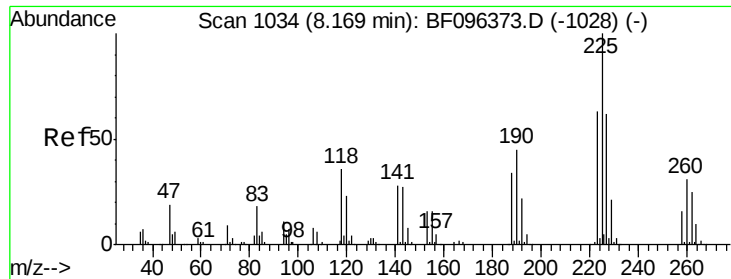
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#33
4-Chloroaniline
Concen: 24.001 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	32.4	27.8	41.8
92	19.7	16.8	25.2





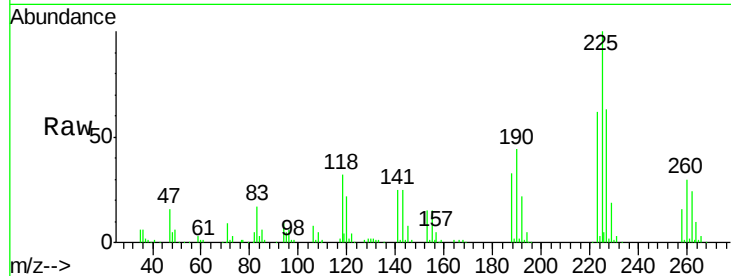
#34
Hexachlorobutadiene
Concen: 38.577 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

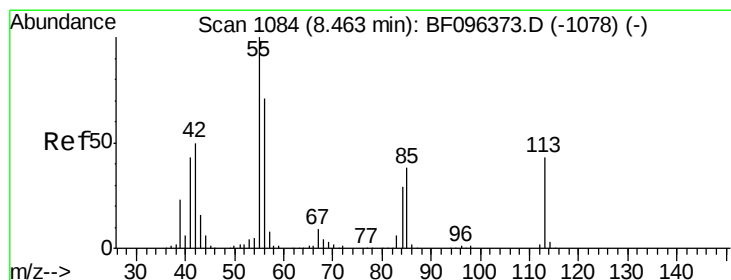
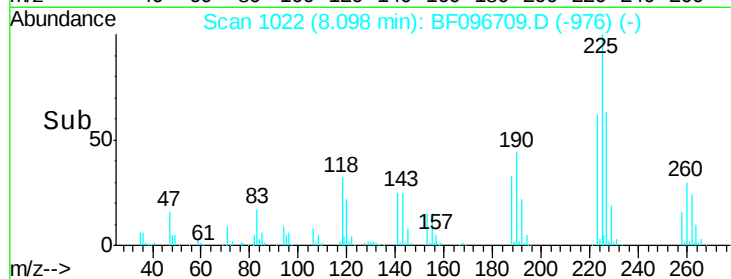
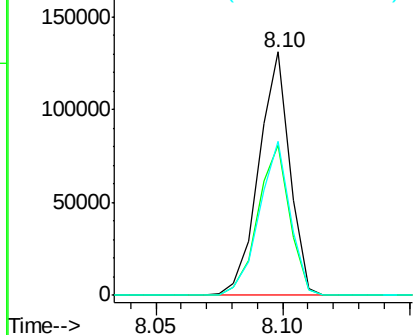
Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.6	48.8	73.2
227	63.3	51.1	76.7

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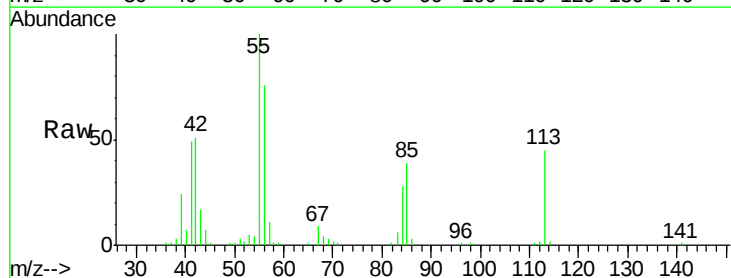


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

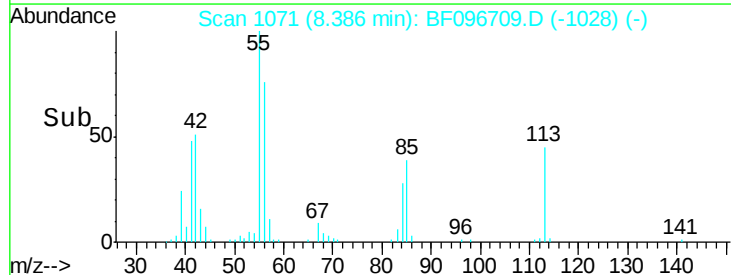
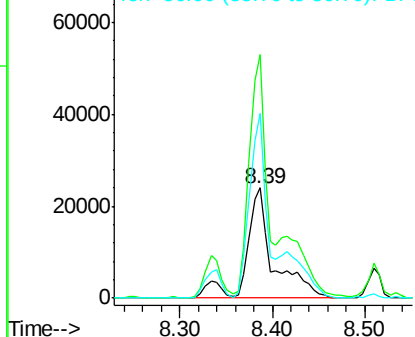


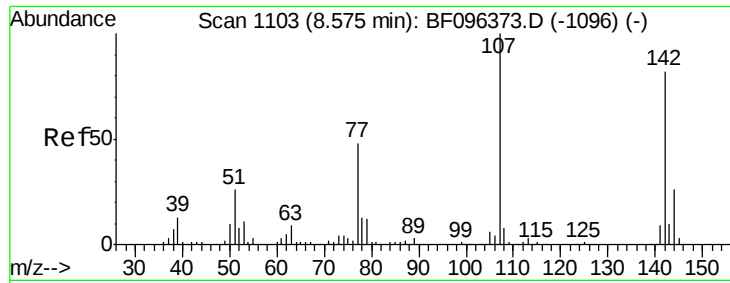
#35
Caprolactam
Concen: 23.485 ng m
RT: 8.39 min Scan# 1071
Delta R.T. -0.05 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
55	221.3	150.2	190.2#
56	167.8	107.8	147.8#



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





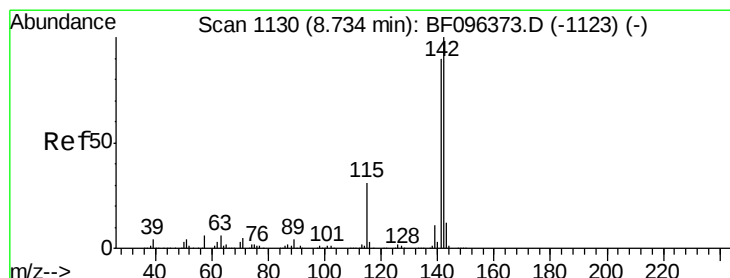
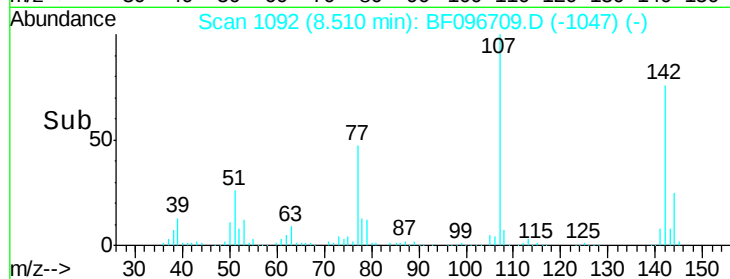
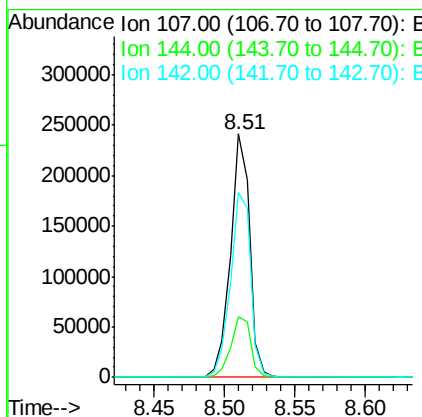
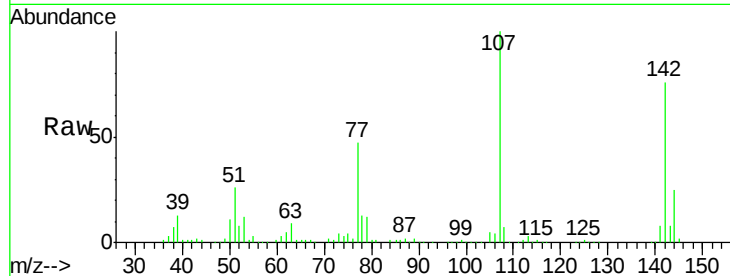
#36
 4-Chloro-3-methylphenol
 Concen: 34.712 ng
 RT: 8.51 min Scan# 1092
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	228465		
144	24.9	24.2	36.4	
142	76.0	73.4	110.0	

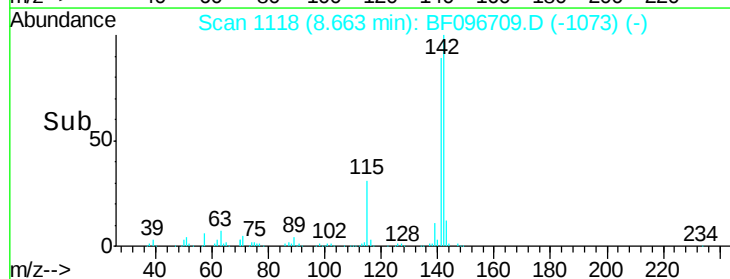
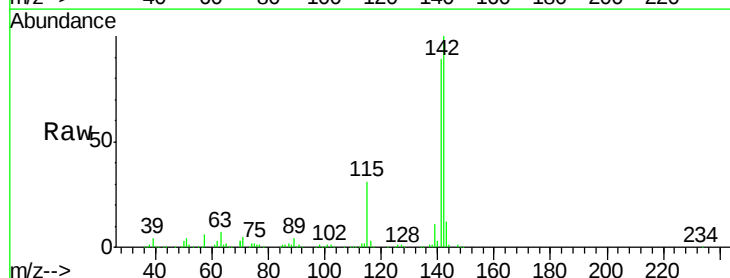
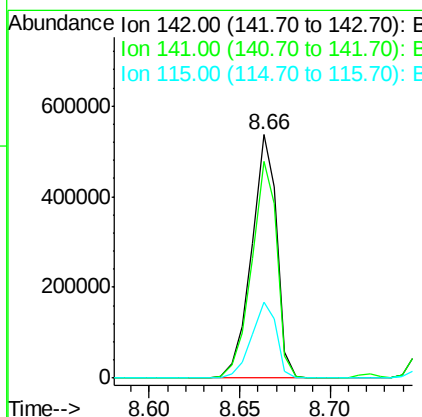
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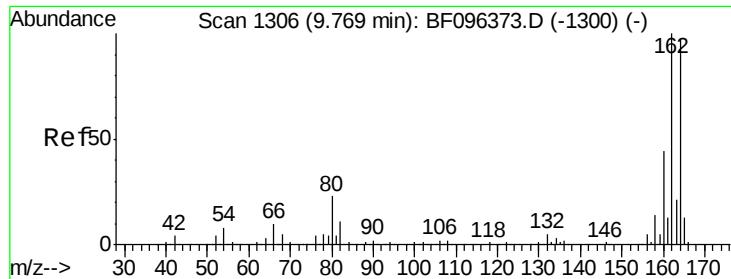
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#37
 2-Methylnaphthalene
 Concen: 39.363 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	518326		
141	88.9	71.3	106.9	
115	31.3	27.1	40.7	





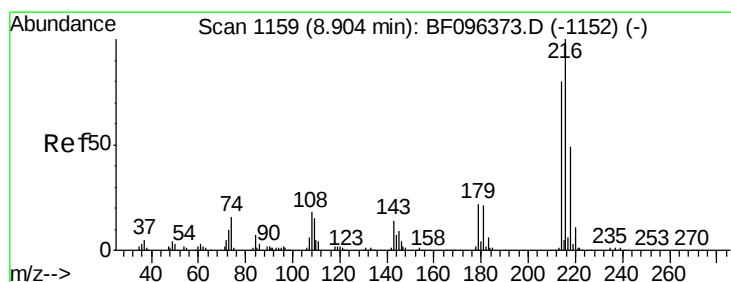
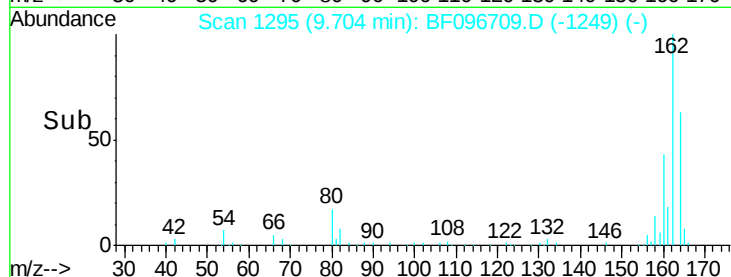
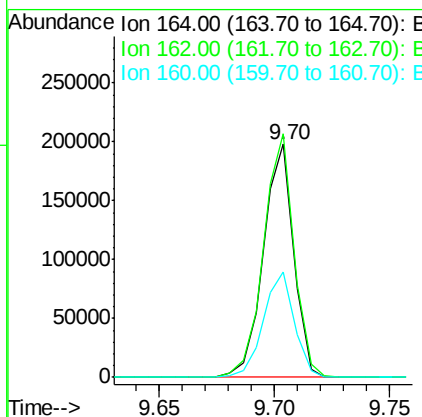
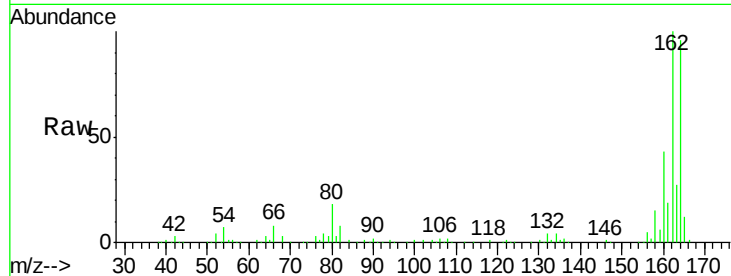
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	180550		
162	104.6	82.6	123.8	
160	45.1	36.2	54.2	

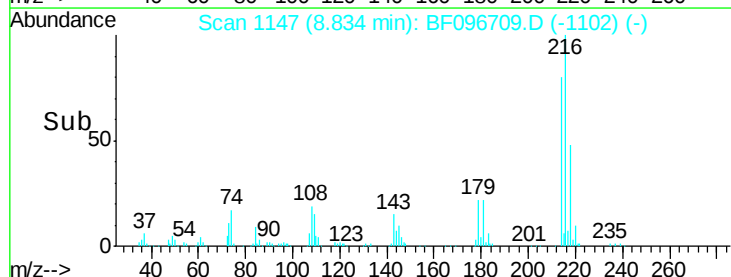
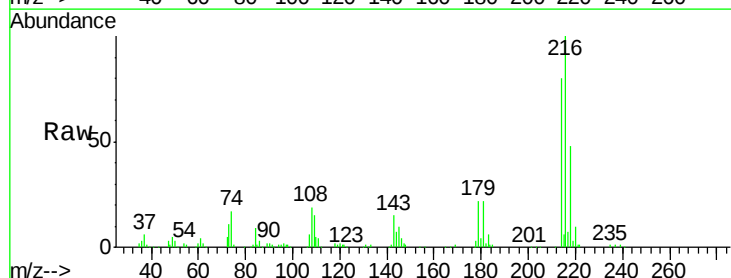
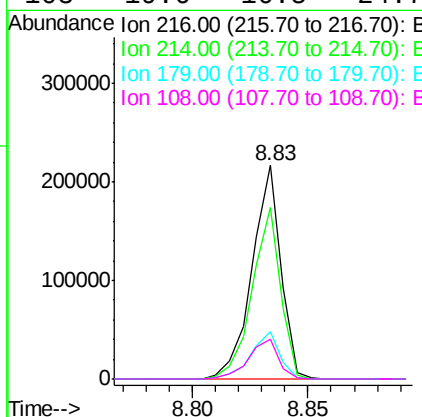
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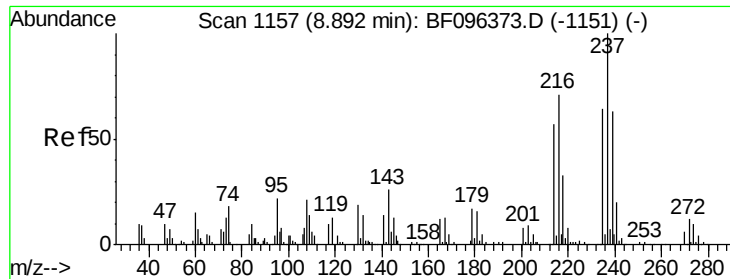
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.184 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	188384		
214	79.6	63.4	95.2	
179	22.3	17.9	26.9	
108	19.6	16.5	24.7	





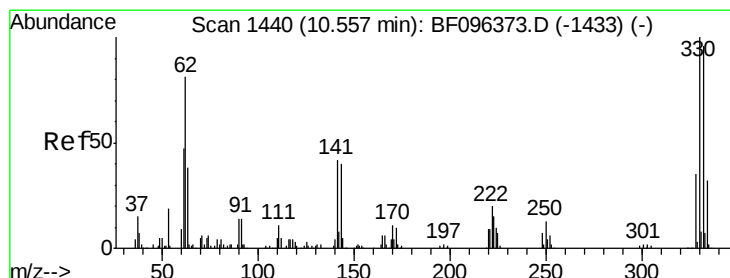
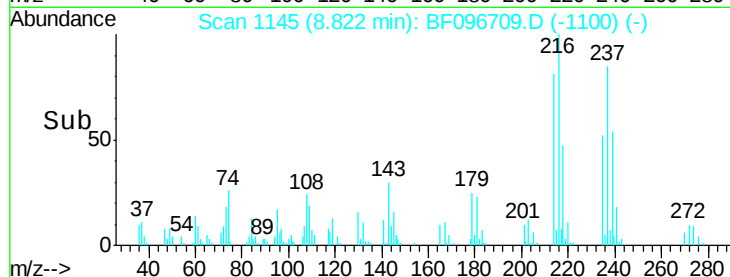
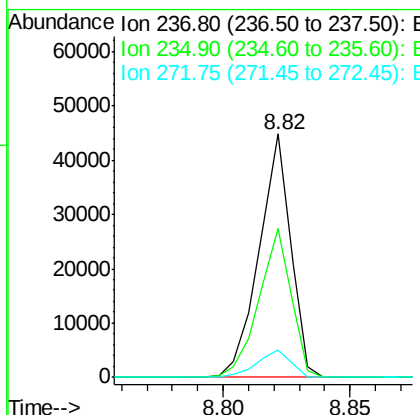
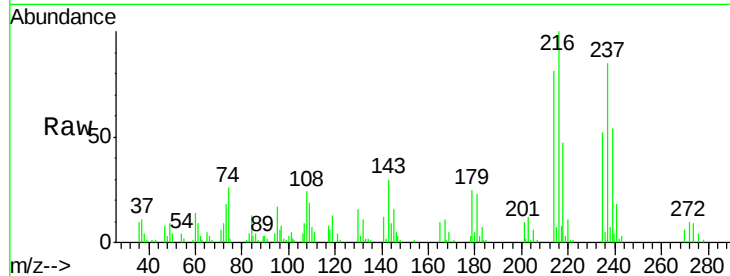
#40
Hexachlorocyclopentadiene
Concen: 17.288 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion:	237	Resp:	39407
Ion Ratio	Lower	Upper	
237	100		
235	60.9	42.6	82.6
272	11.3	0.0	31.9

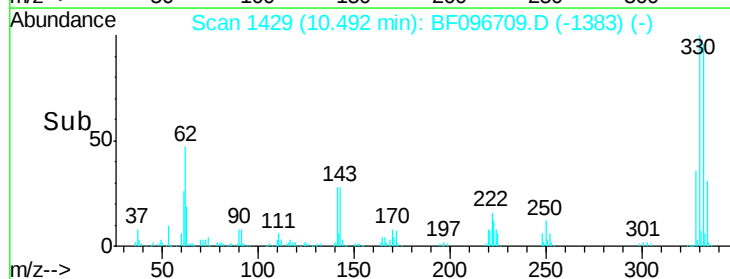
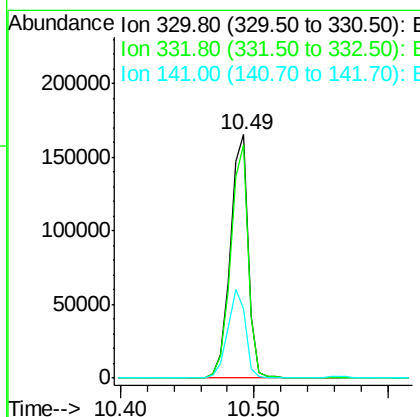
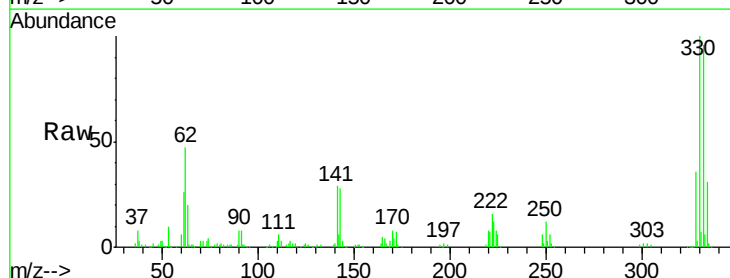
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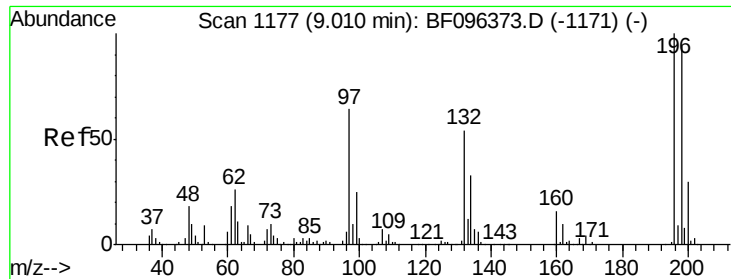
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#41
2,4,6-Tribromophenol
Concen: 111.668 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion:	330	Resp:	157487
Ion Ratio	Lower	Upper	
330	100		
332	94.8	76.6	115.0
141	36.4	31.4	47.2





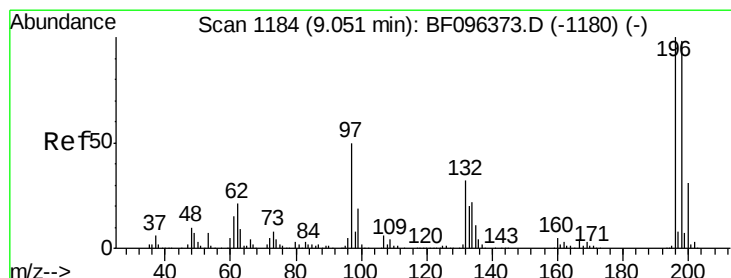
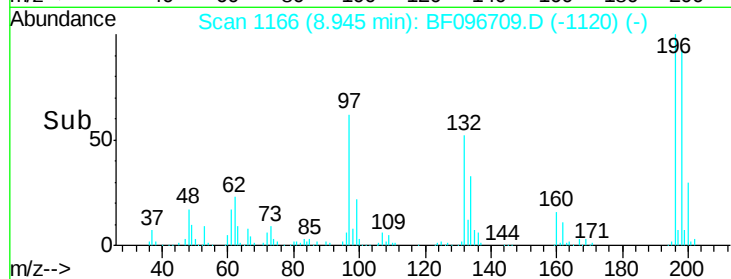
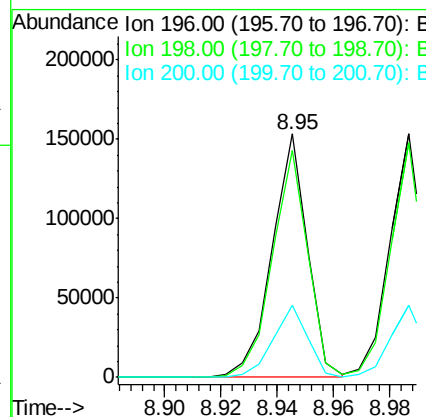
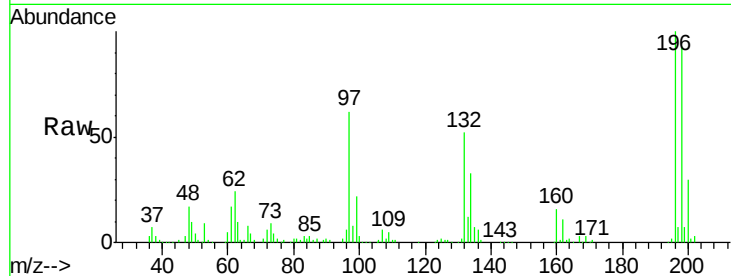
#42
 2,4,6-Trichlorophenol
 Concen: 35.782 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(7.5-8.0)MSD

Tgt Ion:	196	Resp:	132701
Ion Ratio	Lower	Upper	
196	100		
198	93.4	74.2	111.4
200	29.9	24.0	36.0

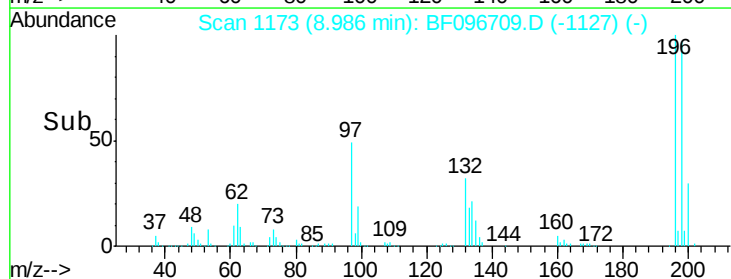
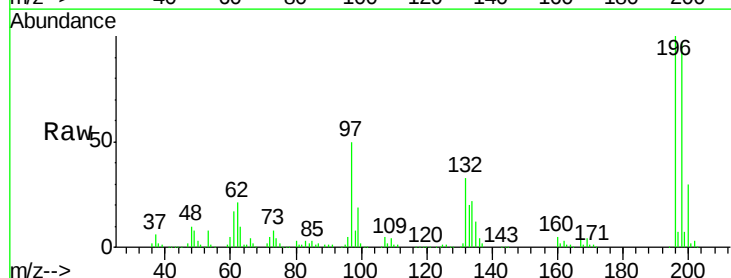
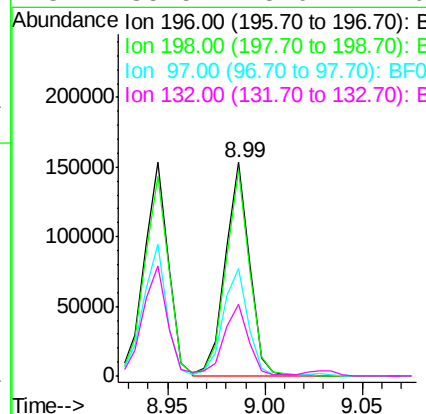
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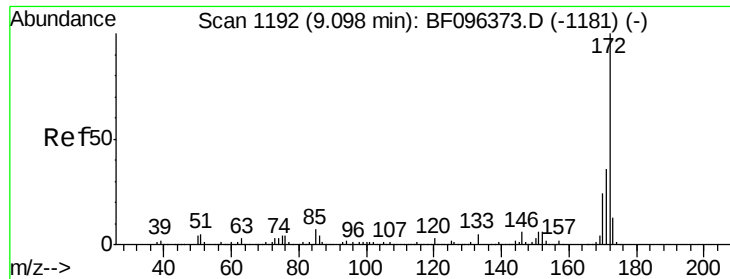
mohammad
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#43
 2,4,5-Trichlorophenol
 Concen: 36.187 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.03 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Tgt Ion:	196	Resp:	132691
Ion Ratio	Lower	Upper	
196	100		
198	96.6	75.7	113.5
97	50.3	47.7	71.5
132	33.5	28.0	42.0





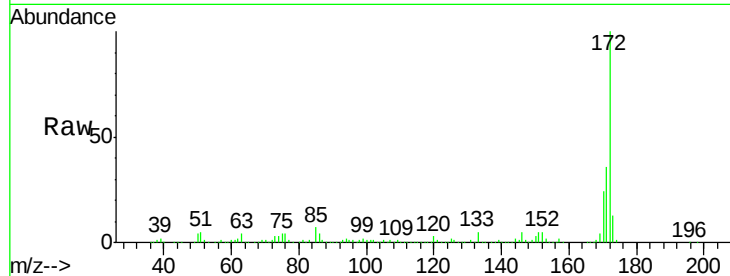
#44
 2-Fluorobiphenyl
 Concen: 85.209 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(7.5-8.0)MSD

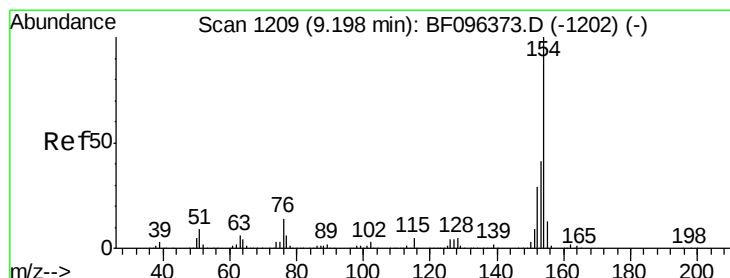
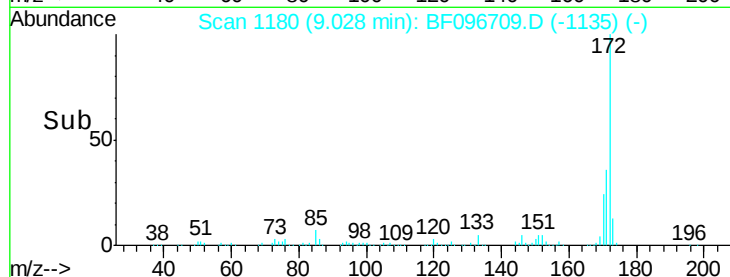
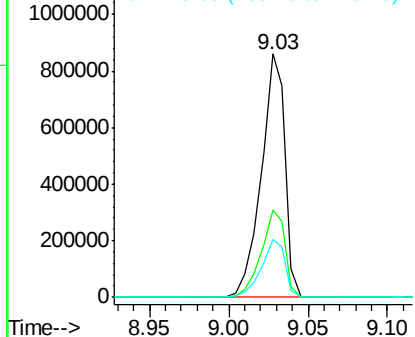
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	899796		
171	35.9		29.6	44.4
170	23.8		19.8	29.8

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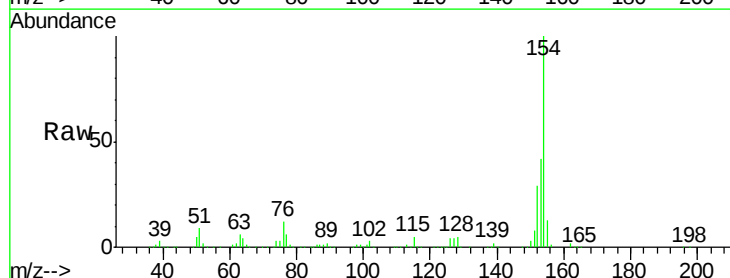


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

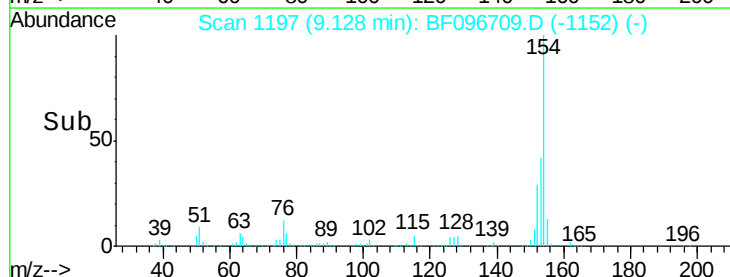
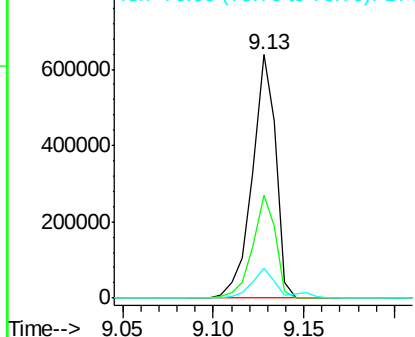


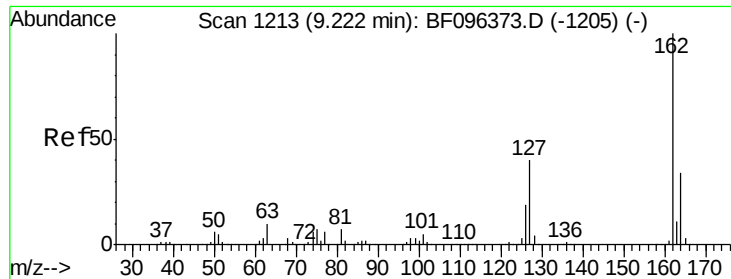
#45
 1,1'-Biphenyl
 Concen: 37.123 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	574280		
153	42.0		21.2	61.2
76	12.4		0.0	29.9



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





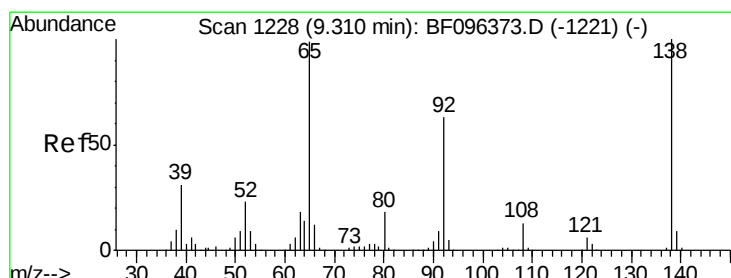
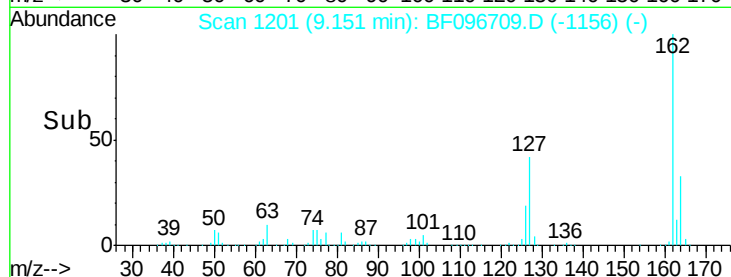
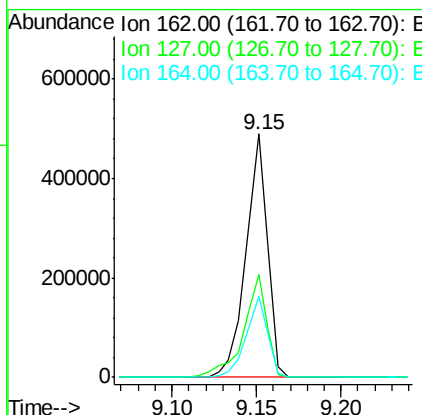
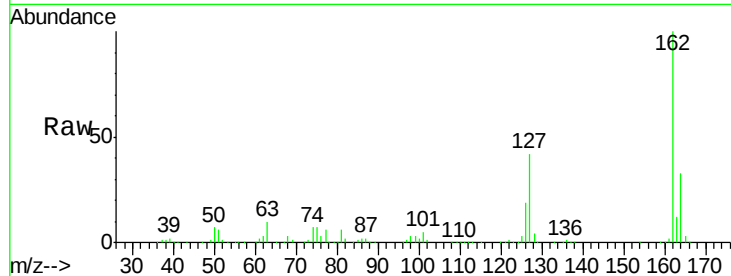
#46
2-Chloronaphthalene
Concen: 37.994 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	438027		
127	42.5	28.3	42.5	
164	33.2	27.0	40.4	

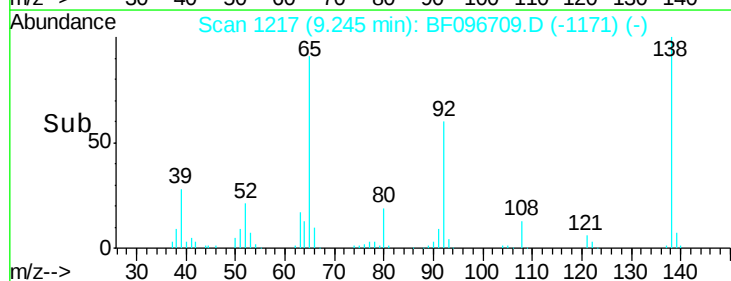
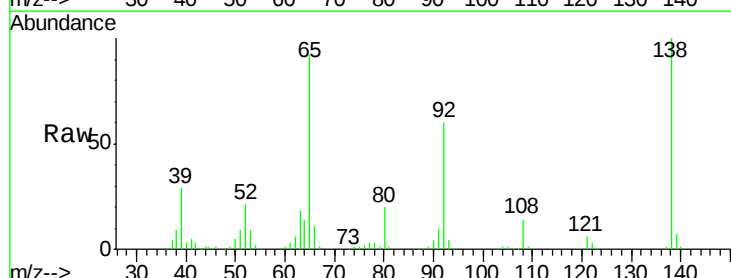
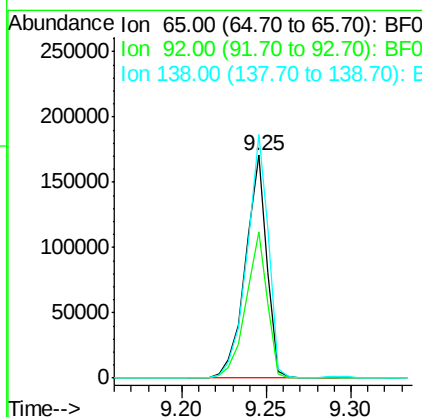
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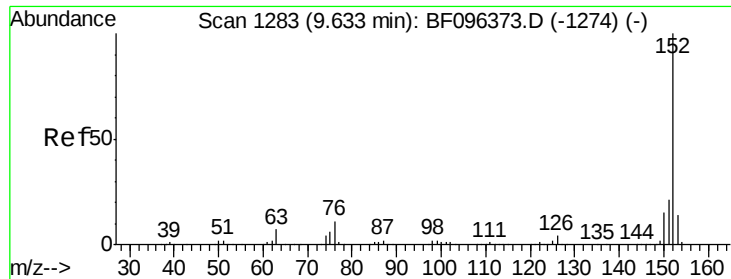
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#47
2-Nitroaniline
Concen: 35.996 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	151001		
92	65.7	53.9	80.9	
138	109.1	78.8	118.2	





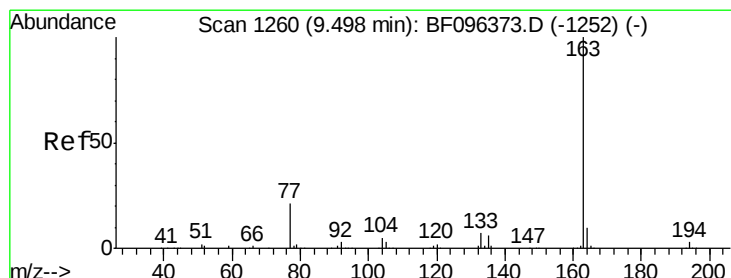
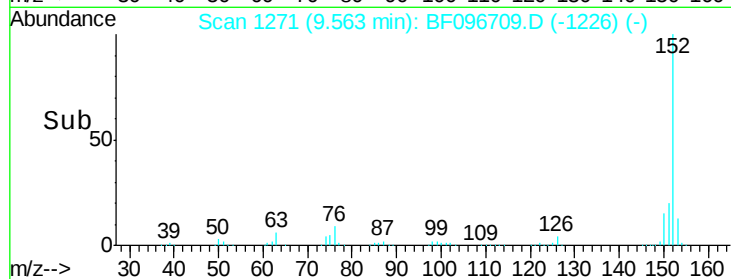
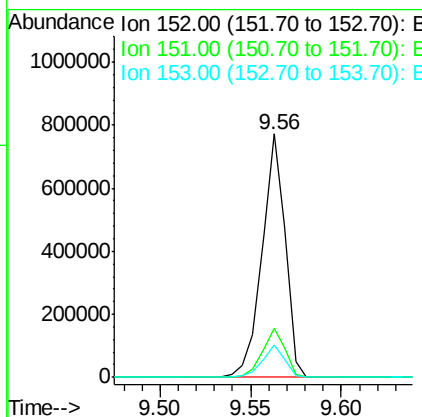
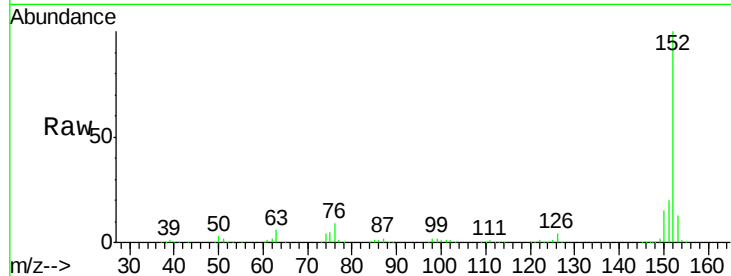
#48
Acenaphthylene
Concen: 37.466 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	684431		
151	20.3		16.8	25.2
153	13.2		10.8	16.2

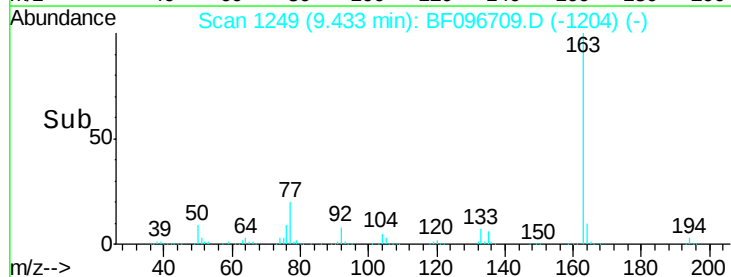
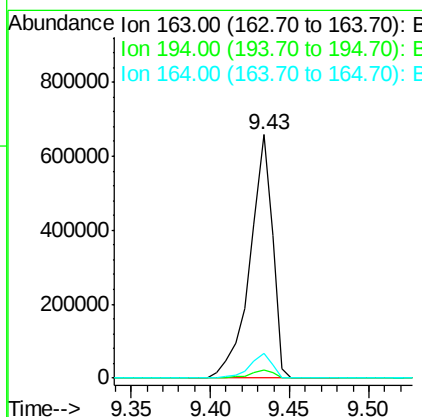
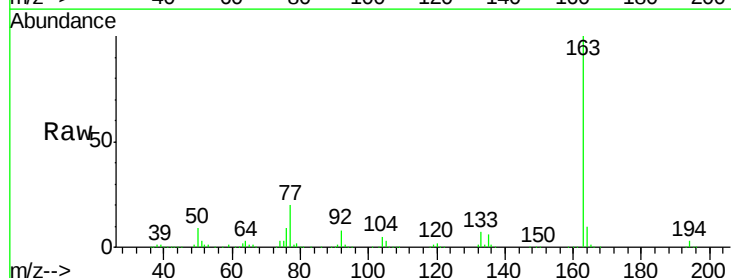
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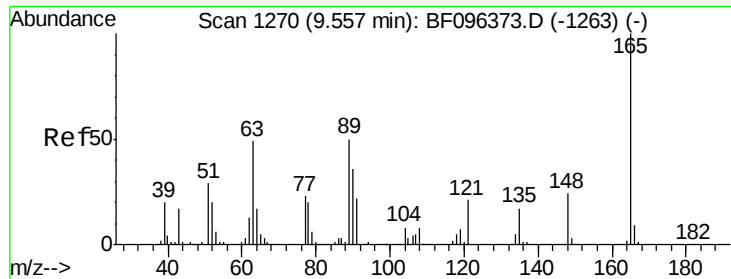
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#49
Dimethylphthalate
Concen: 48.053 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	647665		
194	3.2		2.6	4.0
164	10.2		8.4	12.6





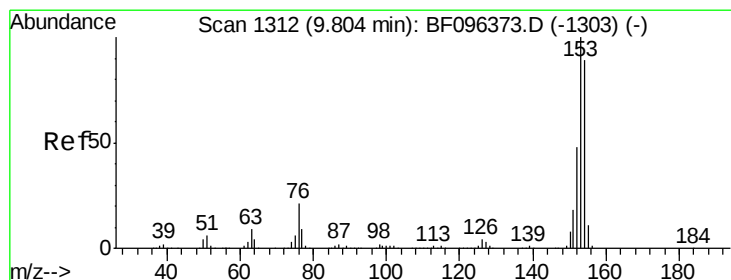
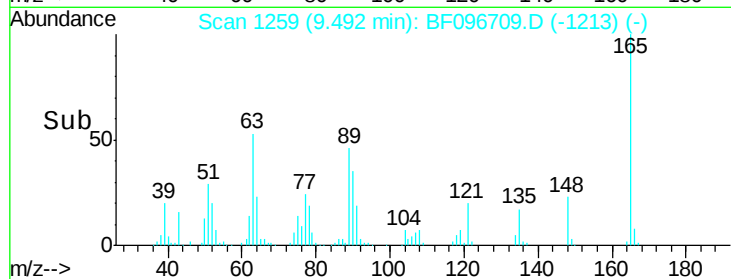
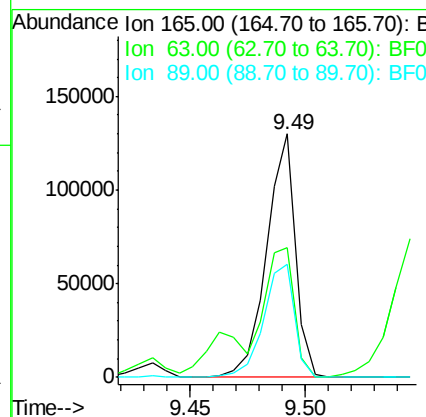
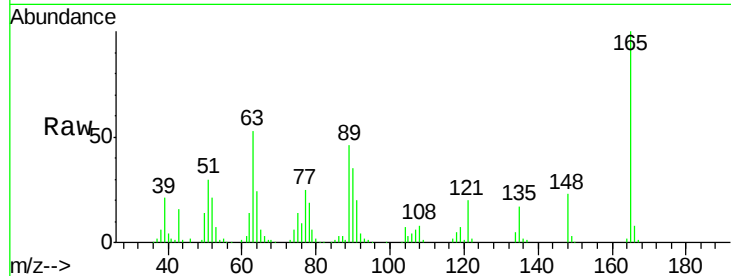
#50
2,6-Dinitrotoluene
Concen: 37.951 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113113		
63	53.3	34.3	51.5#	
89	46.4	37.1	55.7	

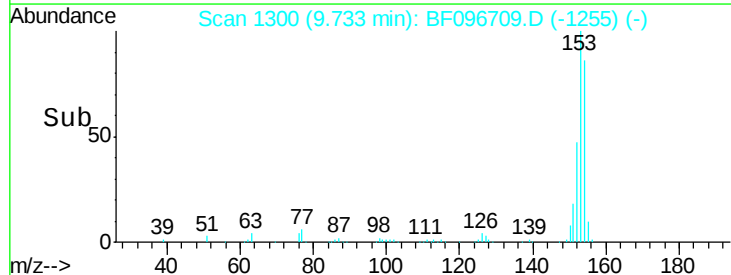
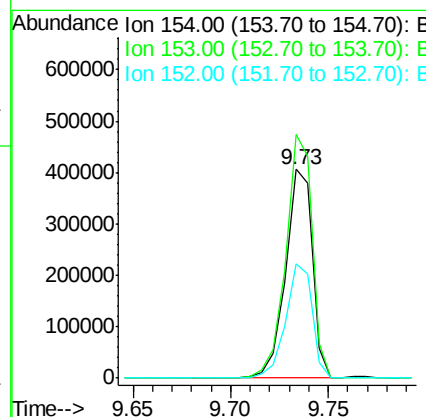
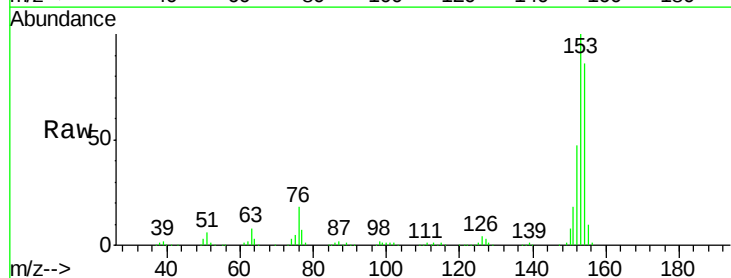
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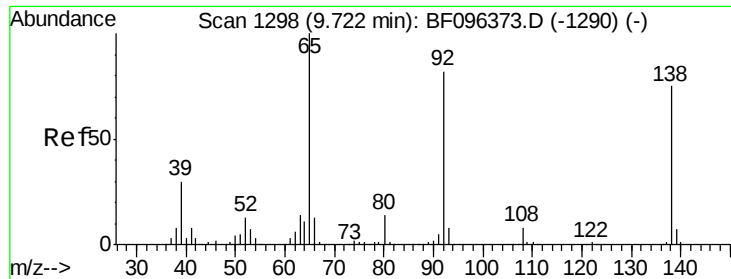
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#51
Acenaphthene
Concen: 34.382 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	387158		
153	116.6	90.5	135.7	
152	54.9	43.6	65.4	





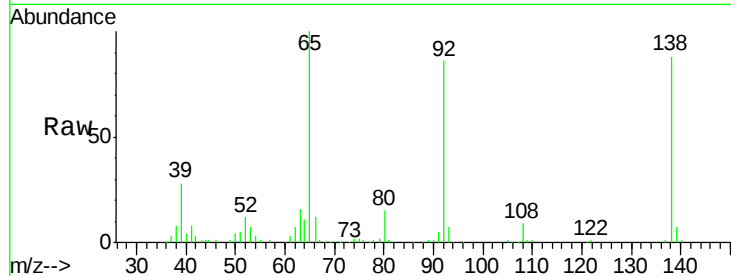
#52
 3-Nitroaniline
 Concen: 29.451 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.03 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(7.5-8.0)MSD

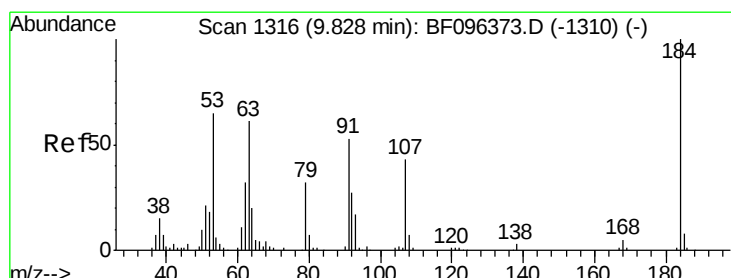
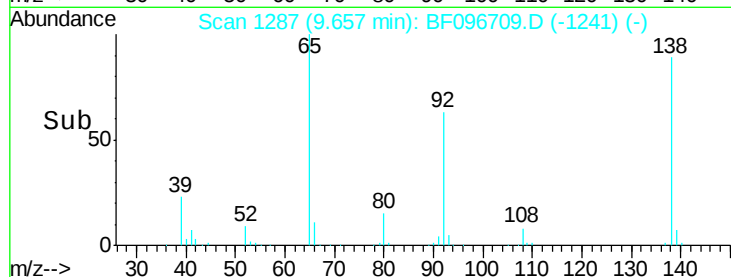
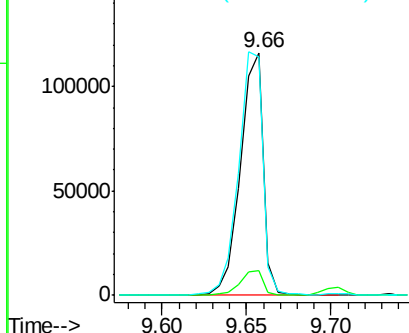
Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.1	13.7
92	98.0	93.8	140.6

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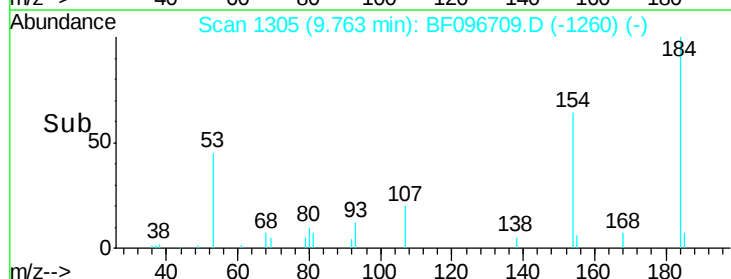
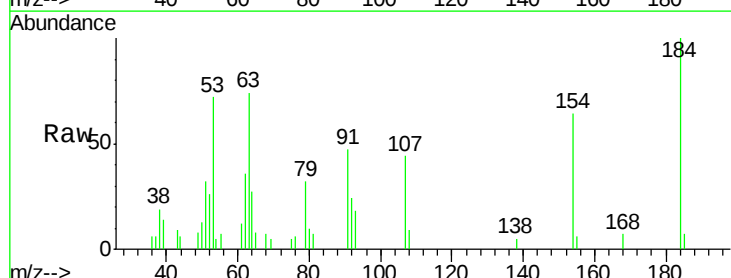
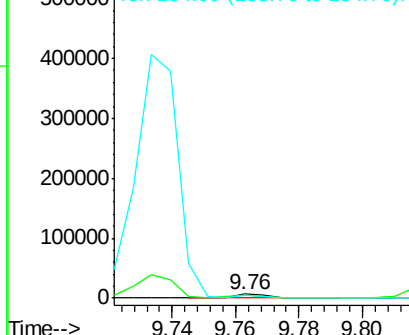
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

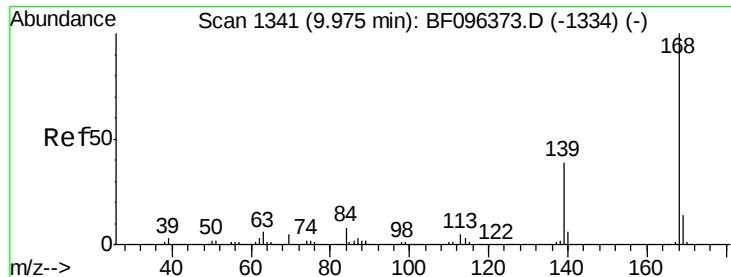


#53
 2,4-Dinitrophenol
 Concen: 3.423 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.3	62.7	94.1
154	64.1	81.1	121.7#

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





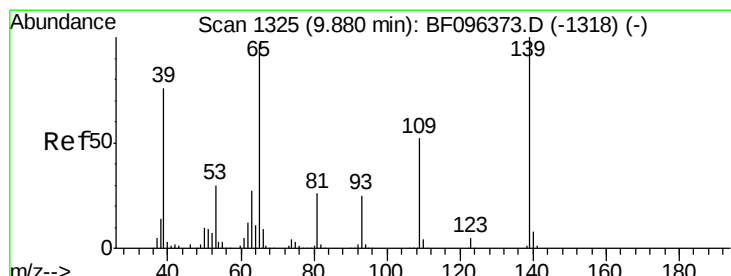
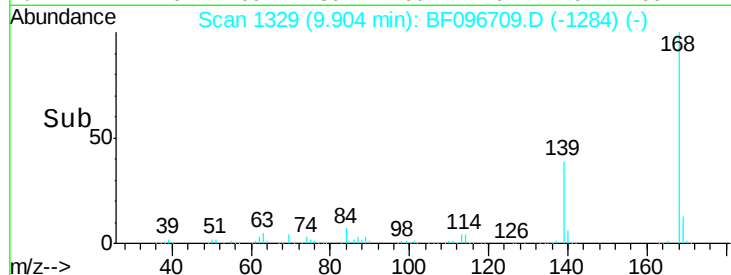
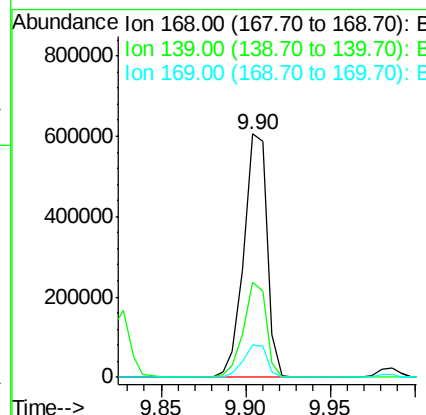
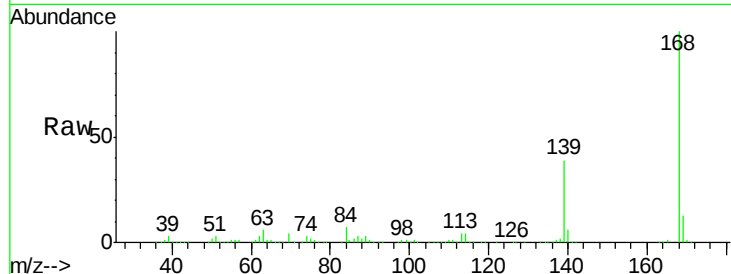
#54
Dibenzofuran
Concen: 39.207 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	582882		
139	38.9	30.6	45.8	
169	13.3	10.8	16.2	

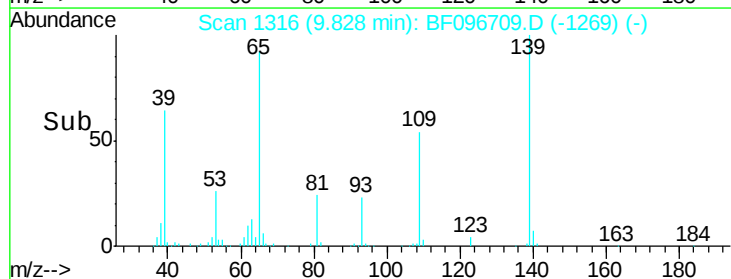
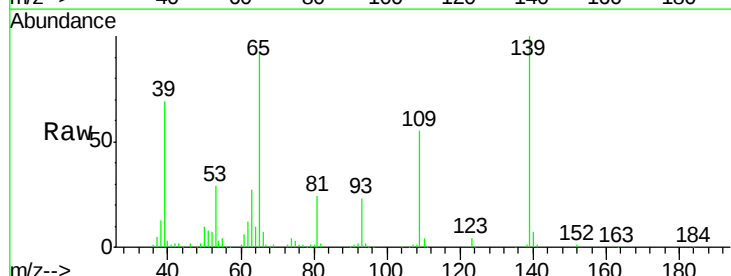
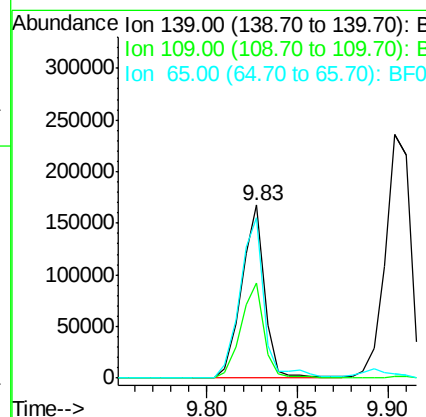
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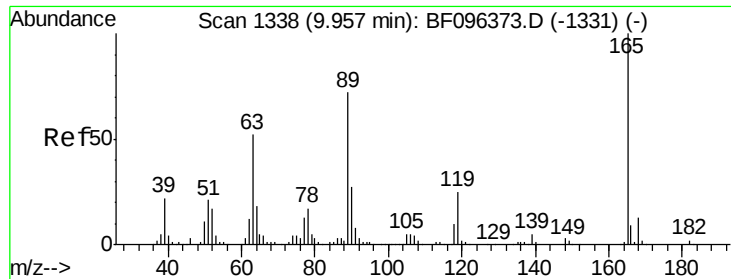
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#55
4-Nitrophenol
Concen: 47.998 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	147893		
109	54.6	34.1	74.1	
65	93.0	31.4	71.4	





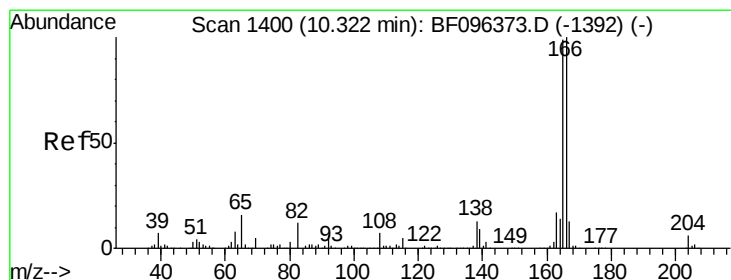
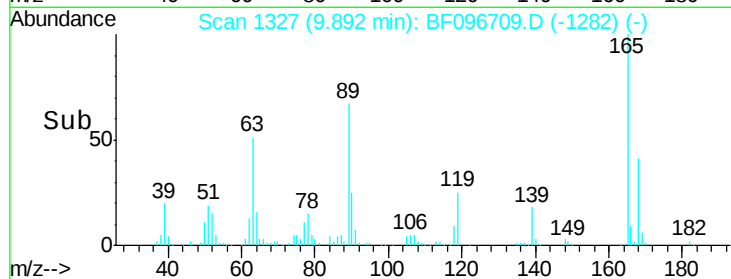
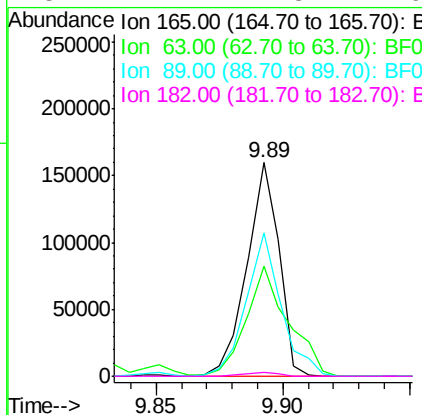
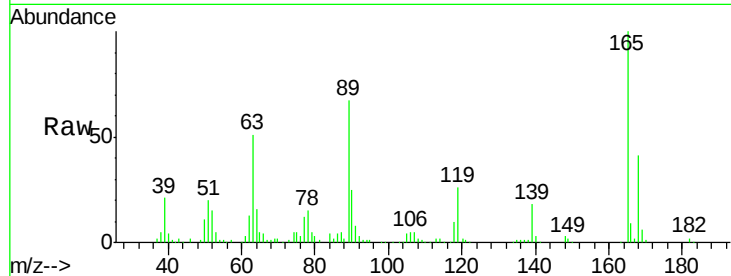
#56
2,4-Dinitrotoluene
Concen: 37.310 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	140824		
63	51.5	25.4	38.0#	
89	67.2	46.4	69.6	
182	2.1	1.8	2.6	

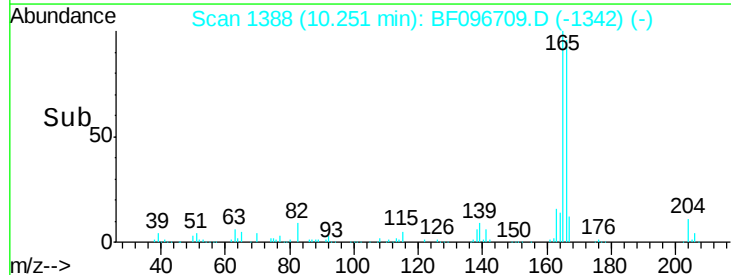
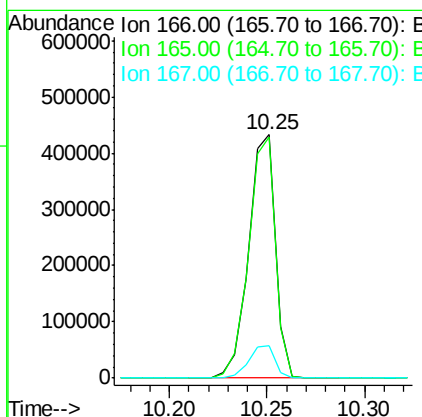
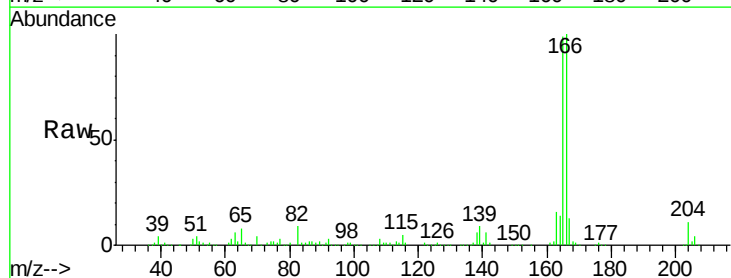
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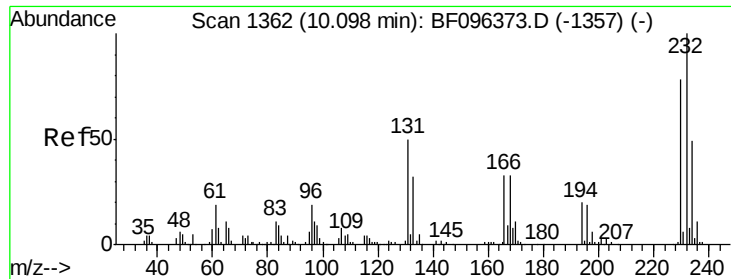
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#57
Fluorene
Concen: 39.154 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	411111		
165	98.8	78.8	118.2	
167	13.1	10.6	16.0	





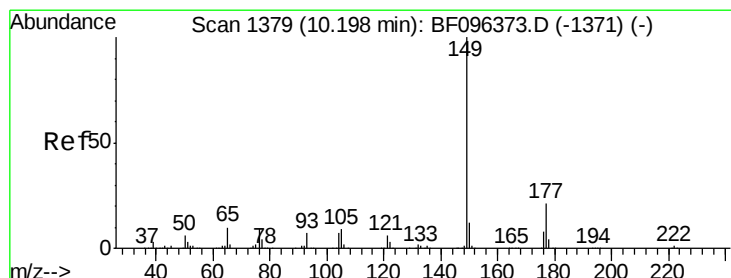
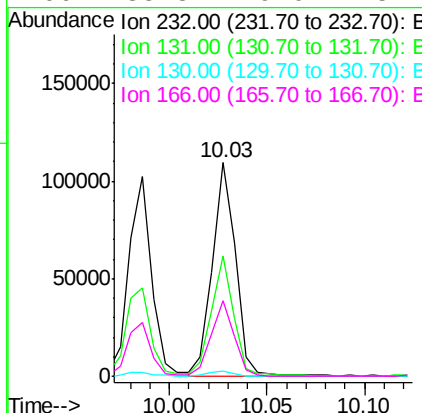
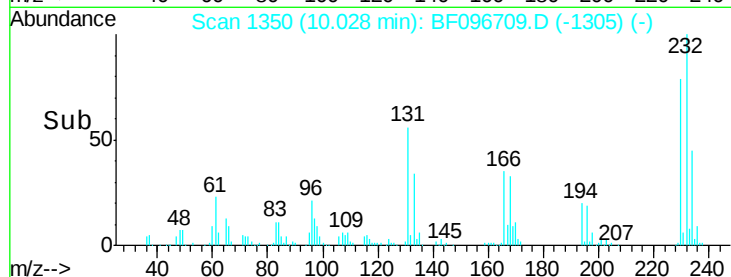
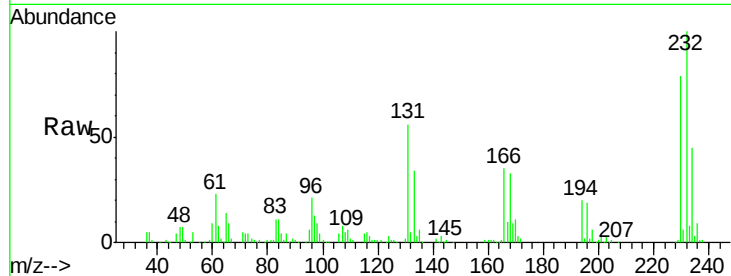
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.792 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	54.6	44.8	67.2
130	2.4	2.3	3.5
166	35.3	29.0	43.4

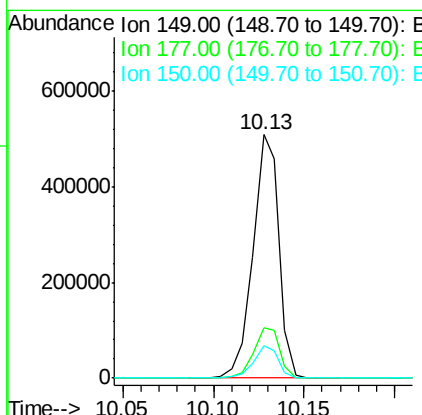
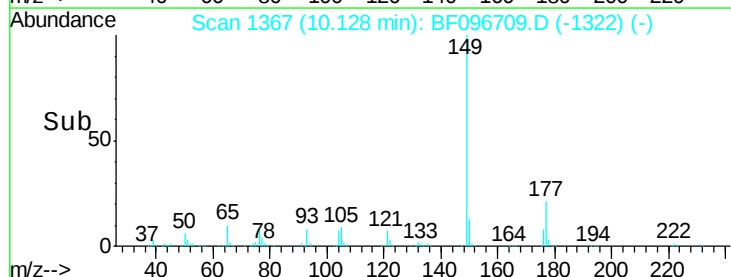
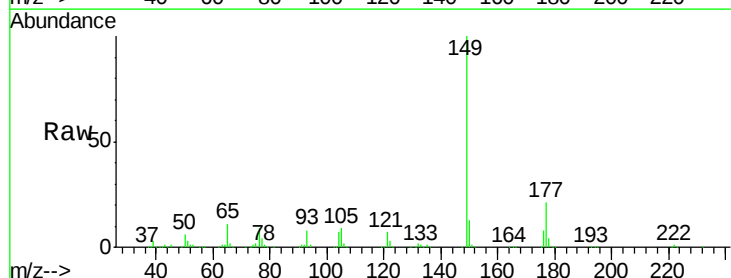
Manual Integrations
 APPROVED

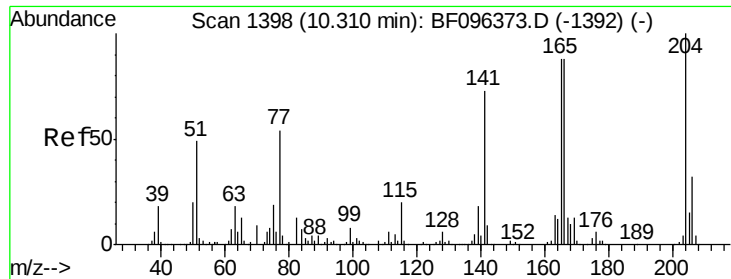
mohammad
 7/13/2017 1:38:05 PM



#59
 Diethylphthalate
 Concen: 39.472 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.7	25.1
150	13.3	10.2	15.2





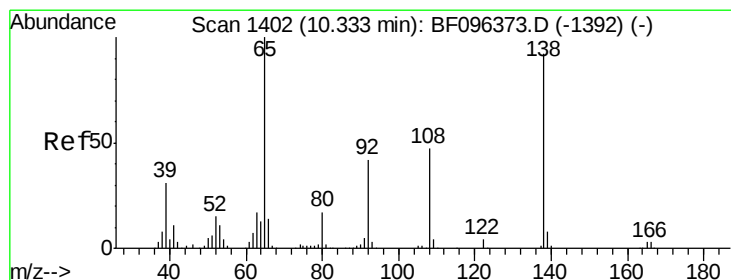
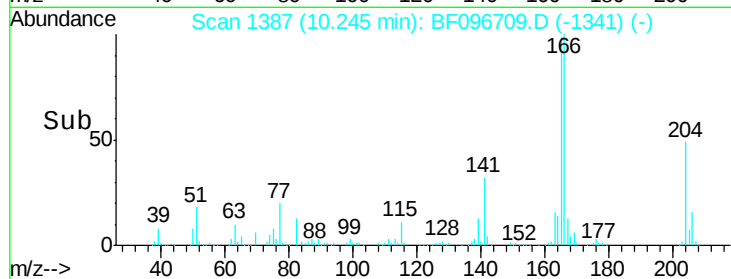
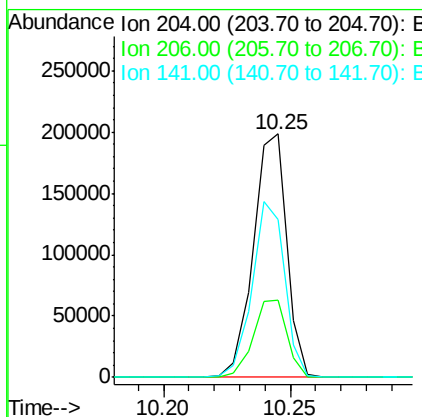
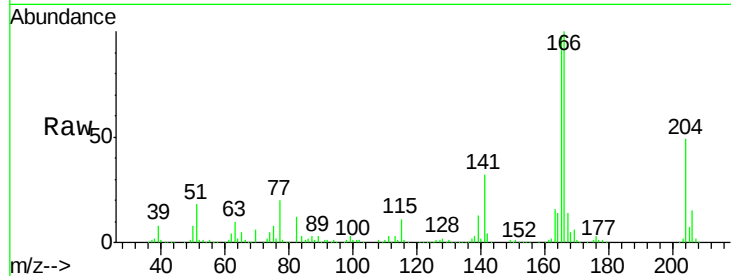
#60
4-Chlorophenyl-phenylether
Concen: 40.098 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.03 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	183184		
206	31.8	26.2	39.2	
141	65.0	60.8	91.2	

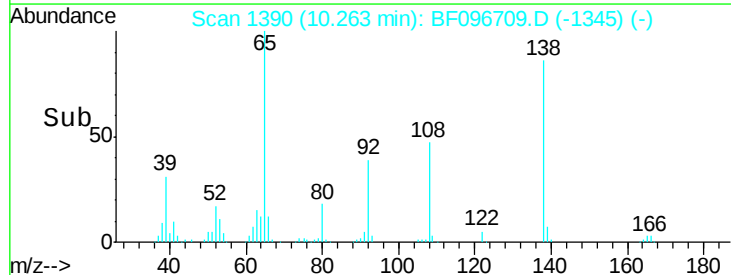
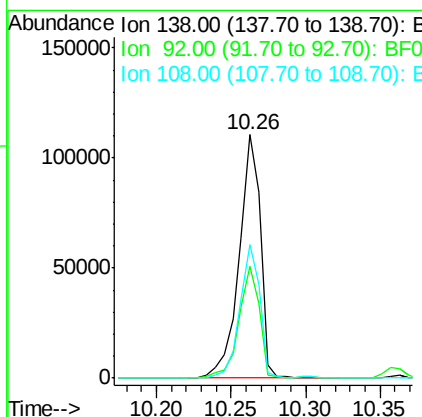
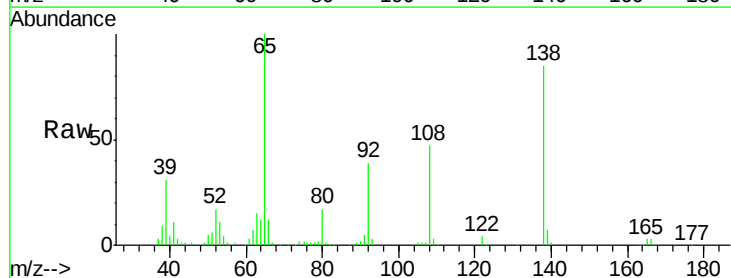
Manual Integrations
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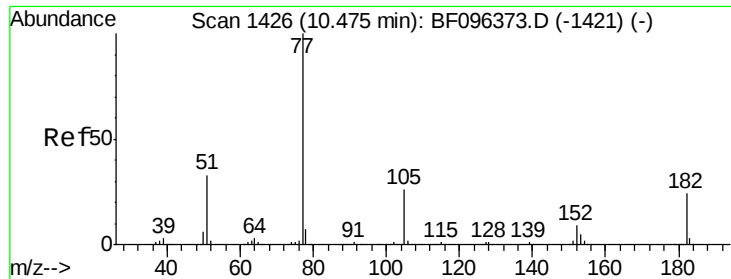
mohammad
7/13/2017 1:38:05 PM



#61
4-Nitroaniline
Concen: 32.417 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	109578		
92	46.0	21.8	61.8	
108	54.7	42.3	82.3	





#62

Azobenzene

Concen: 36.097 ng

RT: 10.40 min Scan# 1414

Delta R.T. -0.03 min

Lab File: BF096709.D

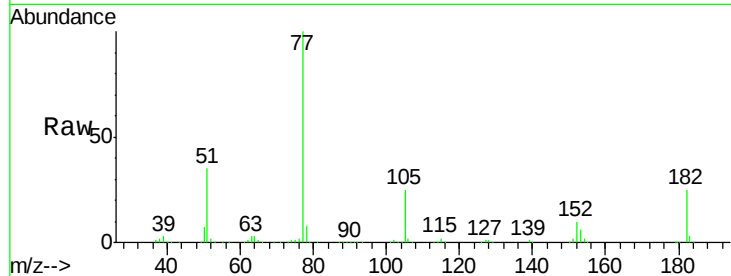
Acq: 12 Jul 2017 23:23

Instrument :

BNA_F

ClientSampleId :

SB-7(7.5-8.0)MSD



Tgt Ion: 77 Resp: 444670

Ion Ratio Lower Upper

77 100

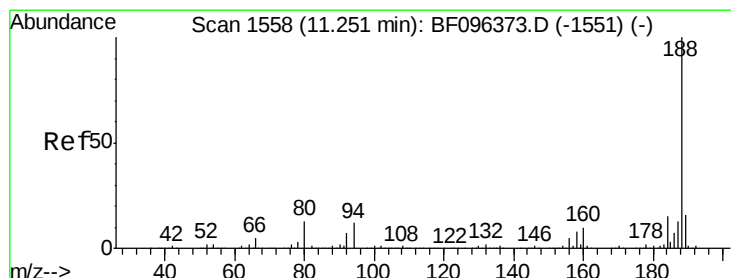
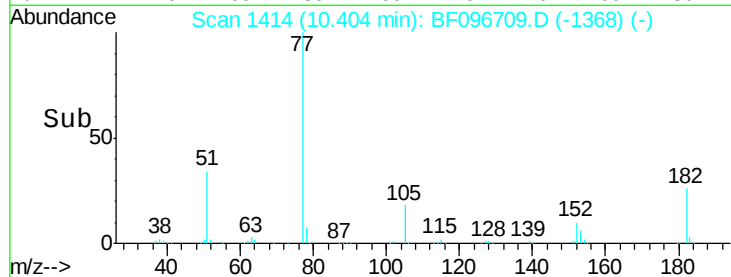
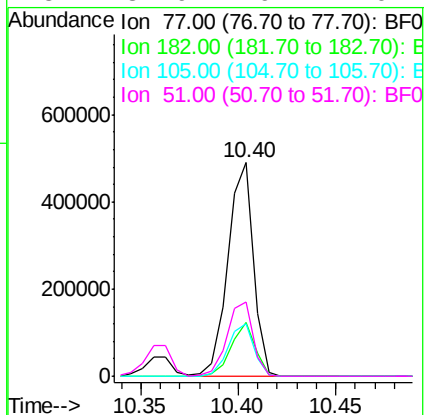
182 25.1 0.1 40.1

105 24.7 3.6 43.6

51 34.9 9.4 49.4

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.03 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

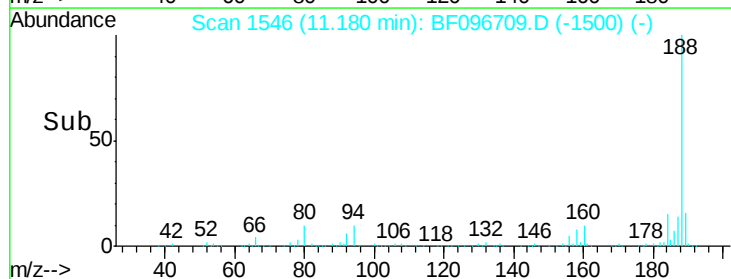
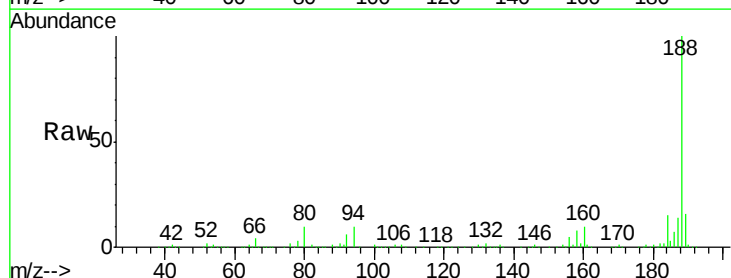
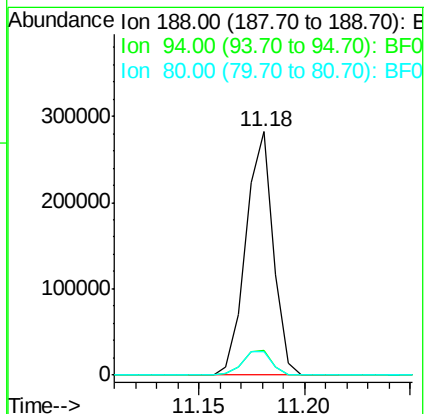
Tgt Ion: 188 Resp: 253149

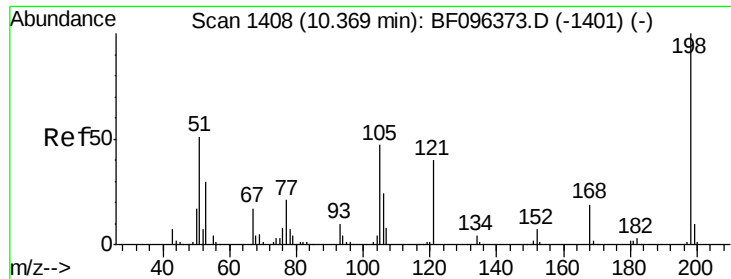
Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

80 9.9 10.2 15.2#





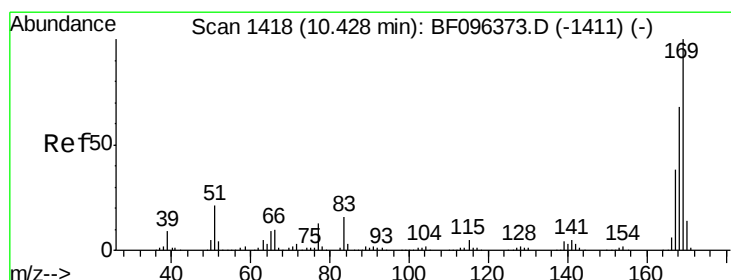
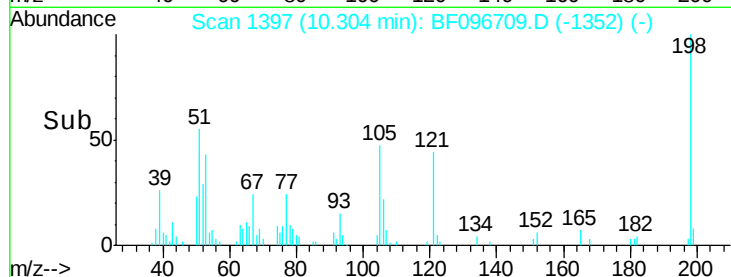
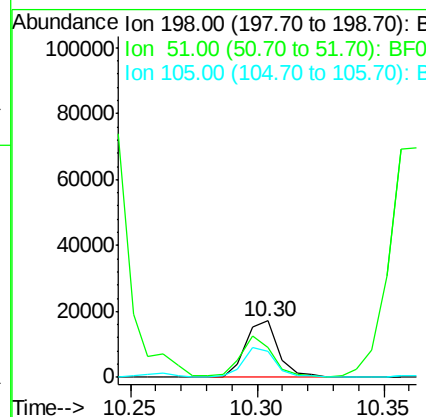
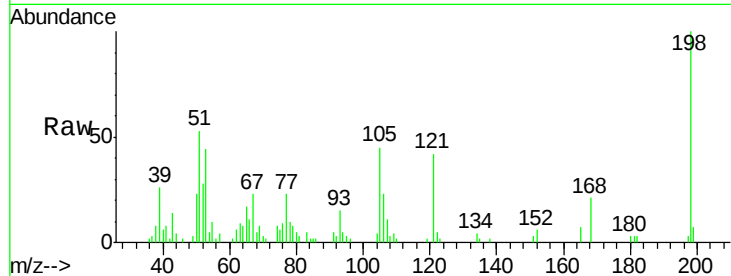
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.878 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	15499		
51	52.9	53.2	93.2#	
105	45.1	45.8	85.8#	

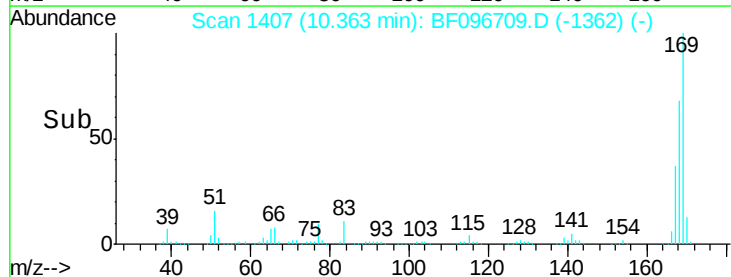
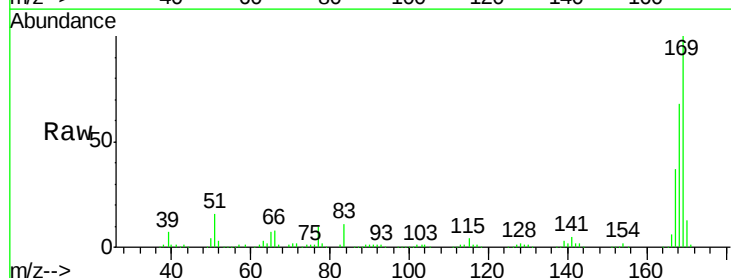
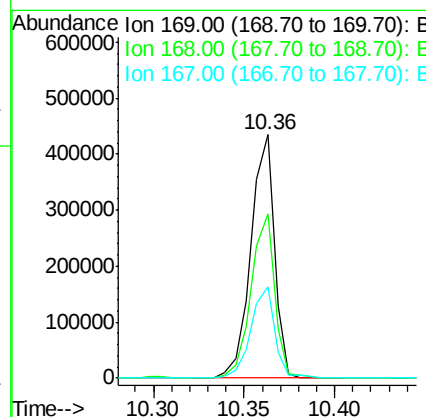
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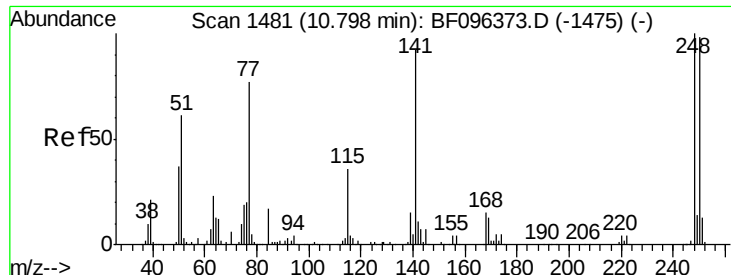
mohammad
 7/13/2017 1:38:05 PM



#65
 n-Nitrosodiphenylamine
 Concen: 44.230 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	392854		
168	67.7	53.2	79.8	
167	37.3	29.5	44.3	





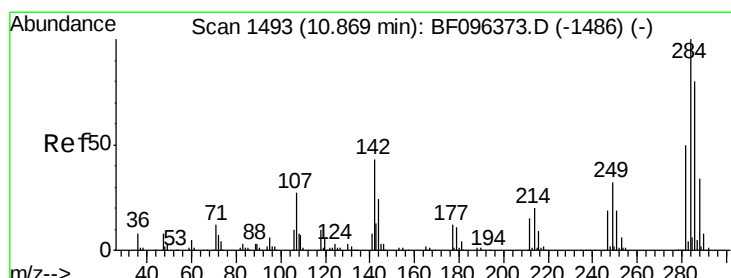
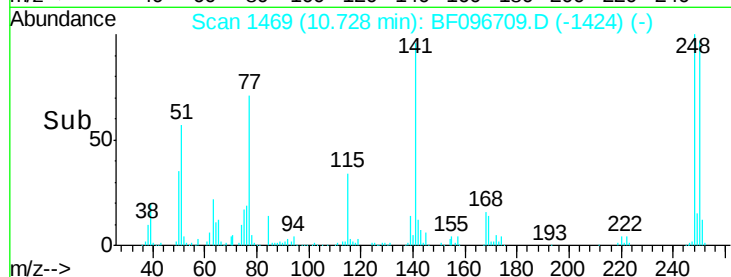
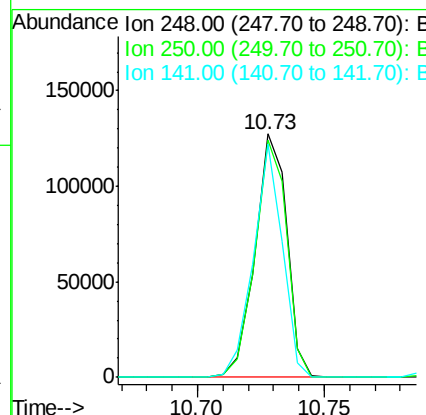
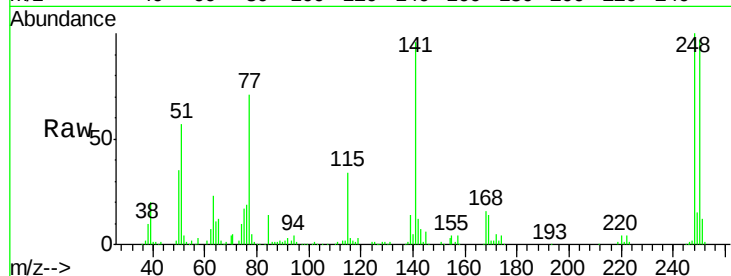
#66
4-Bromophenyl-phenylether
Concen: 45.315 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.2	76.8	115.2
141	96.0	68.6	103.0

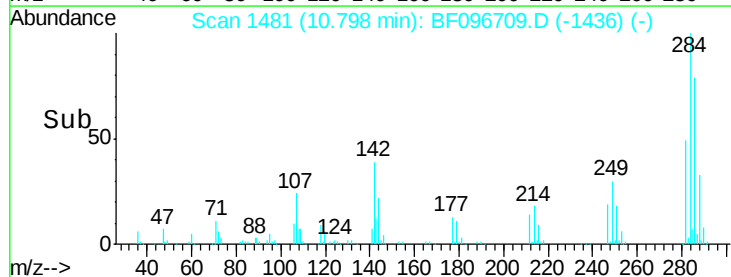
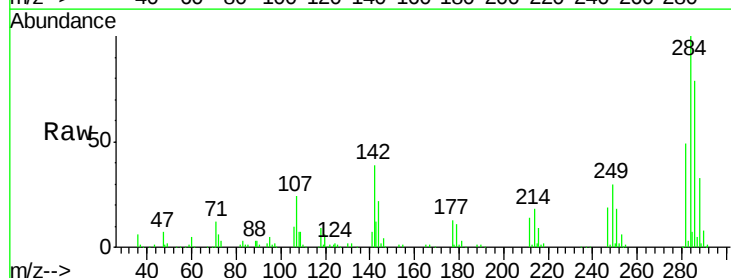
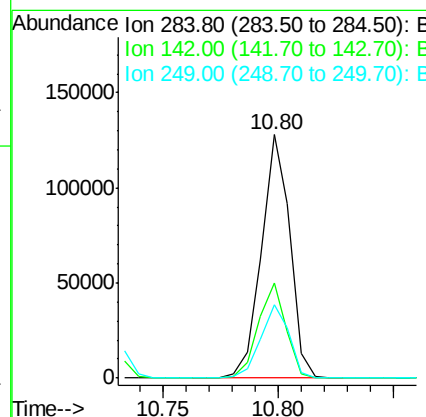
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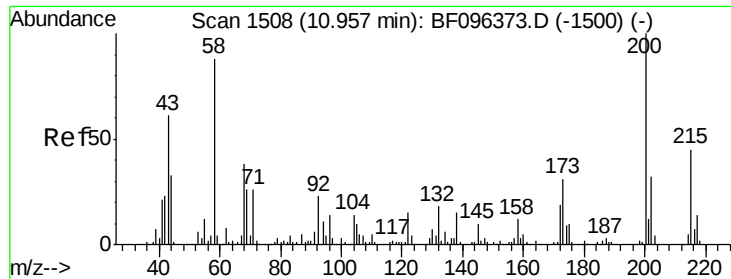
mohammad
7/13/2017 1:38:05 PM



#67
Hexachlorobenzene
Concen: 40.778 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.2	22.8	34.2#
249	30.2	24.0	36.0





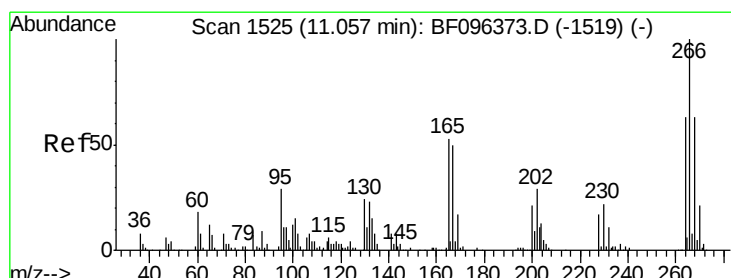
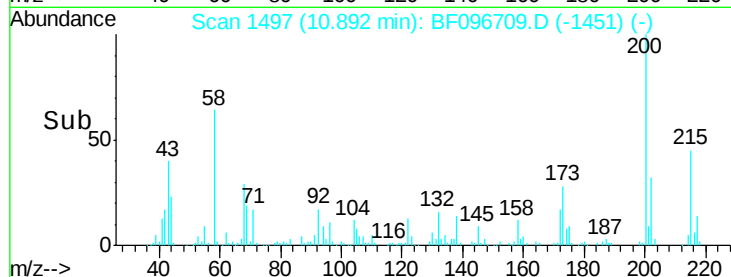
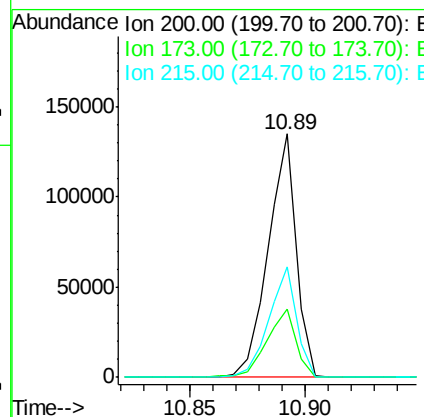
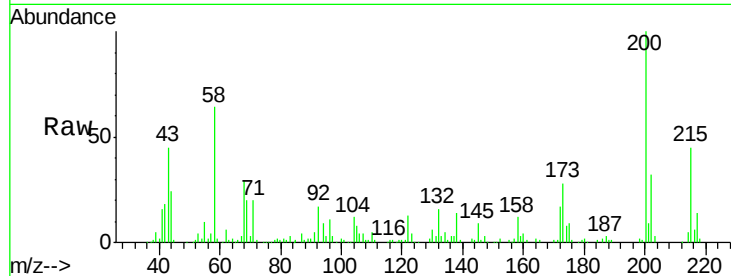
#68
 Atrazine
 Concen: 45.110 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.03 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	114470		
173	27.8	6.3	46.3	
215	45.1	27.2	67.2	

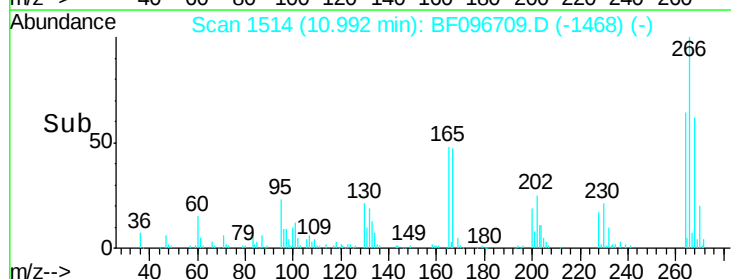
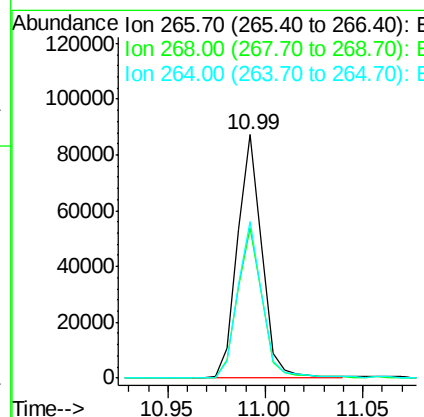
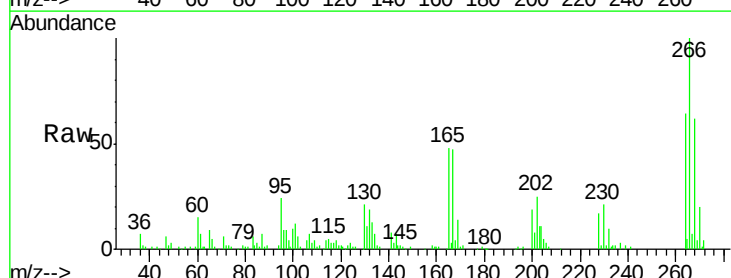
Manual Integrations
 APPROVED

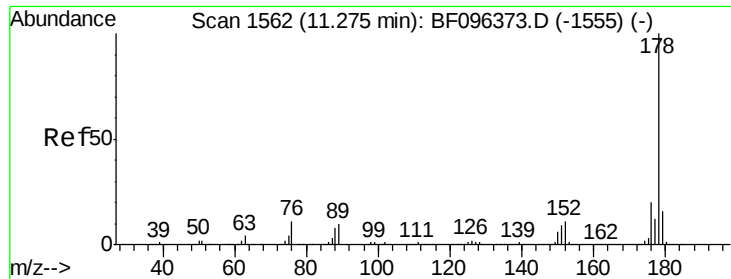
mohammad
 7/13/2017 1:38:05 PM



#69
 Pentachlorophenol
 Concen: 47.667 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.03 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	76210		
268	61.7	51.1	76.7	
264	64.4	51.7	77.5	





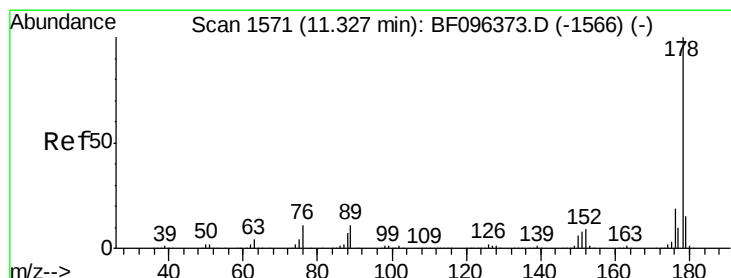
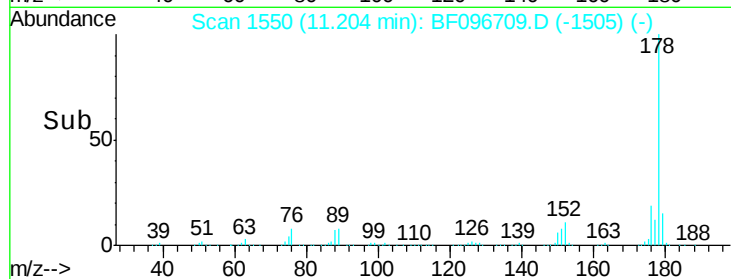
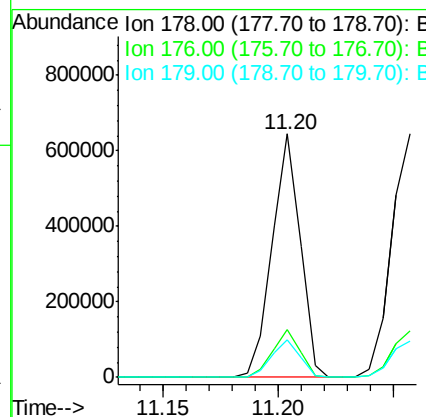
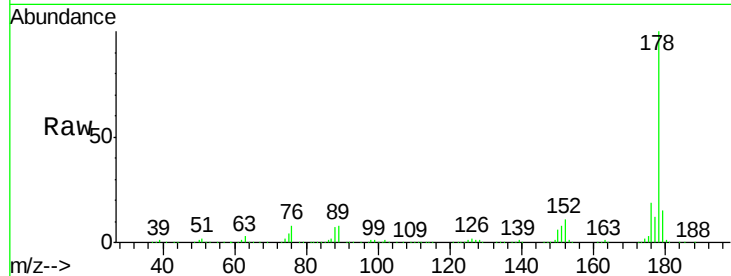
#70
 Phenanthrene
 Concen: 40.010 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.2	12.6	19.0

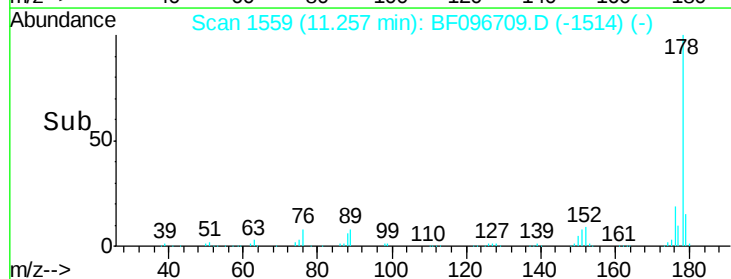
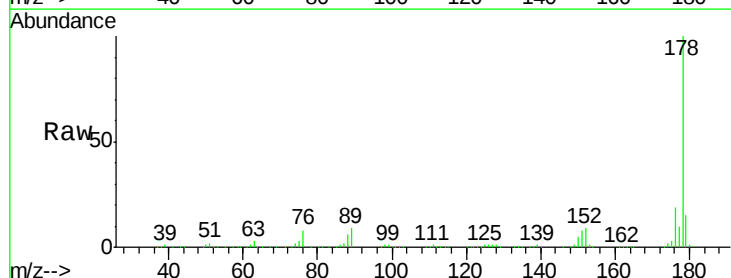
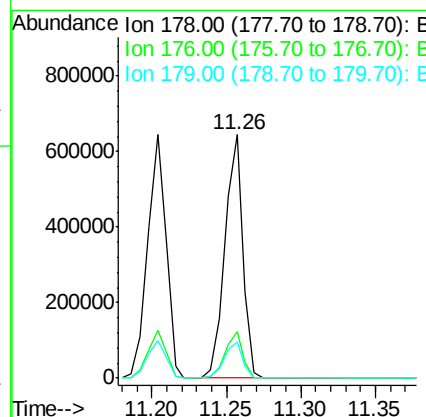
Manual Integrations
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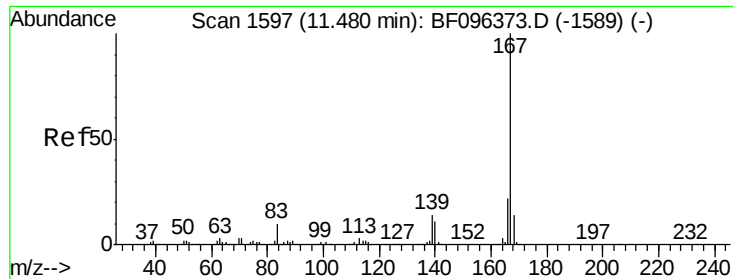
mohammad
 7/13/2017 1:38:05 PM



#71
 Anthracene
 Concen: 39.474 ng
 RT: 11.26 min Scan# 1559
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.1	12.7	19.1





#72

Carbazole

Concen: 35.670 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.04 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Instrument :

BNA_F

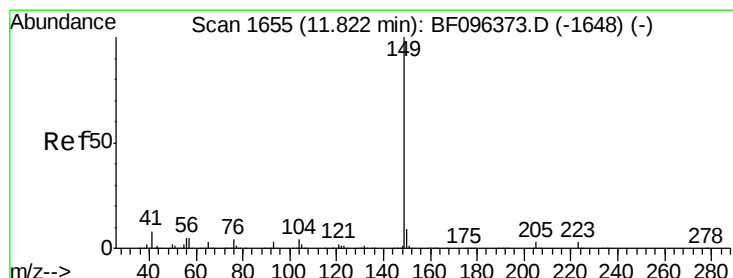
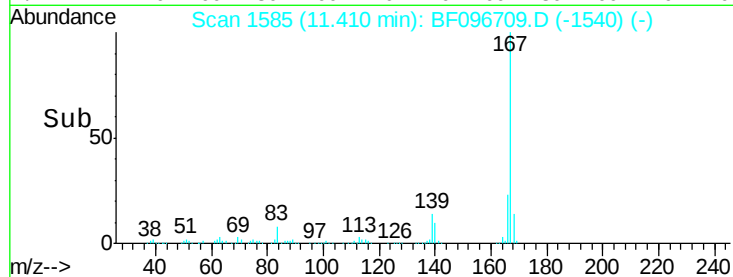
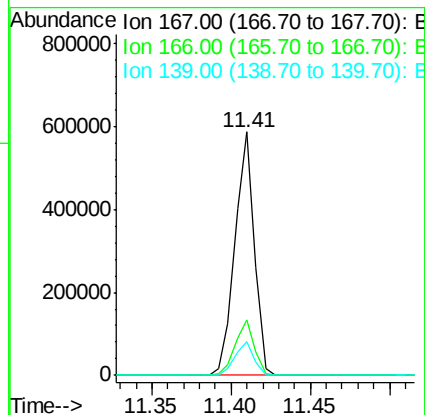
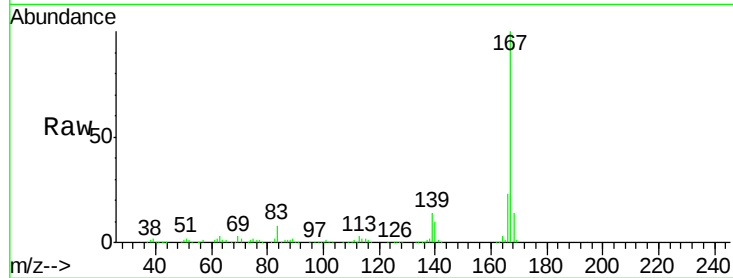
ClientSampleId :

SB-7(7.5-8.0)MSD

Tgt Ion:	167	Resp:	500252
Ion Ratio		Lower	Upper
167	100		
166	22.8	18.1	27.1
139	13.7	11.7	17.5

Manual Integrations
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mohammad
7/13/2017 1:38:05 PM



#73

Di-n-butylphthalate

Concen: 40.988 ng

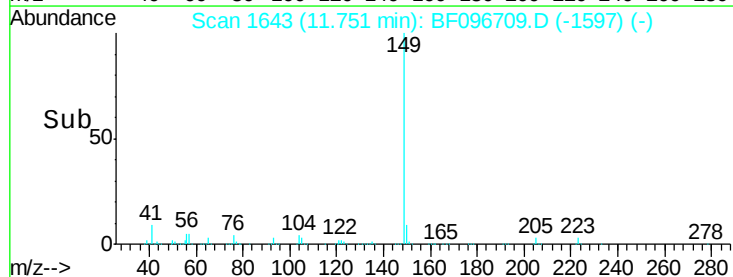
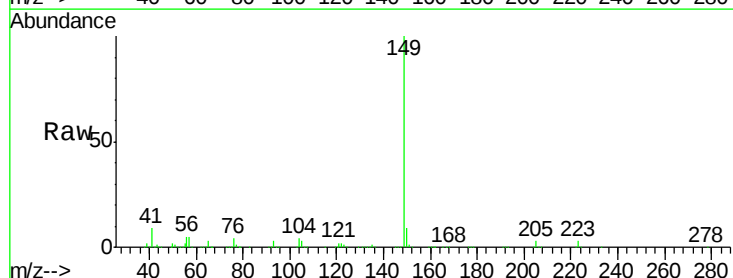
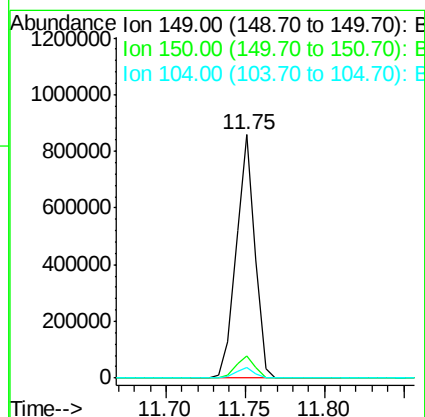
RT: 11.75 min Scan# 1643

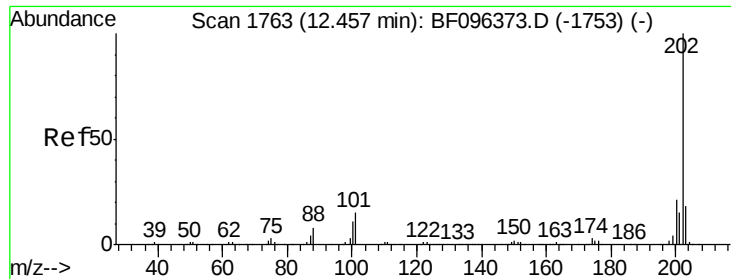
Delta R.T. -0.03 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Tgt Ion:	149	Resp:	696245
Ion Ratio		Lower	Upper
149	100		
150	9.0	7.7	11.5
104	4.5	4.0	6.0





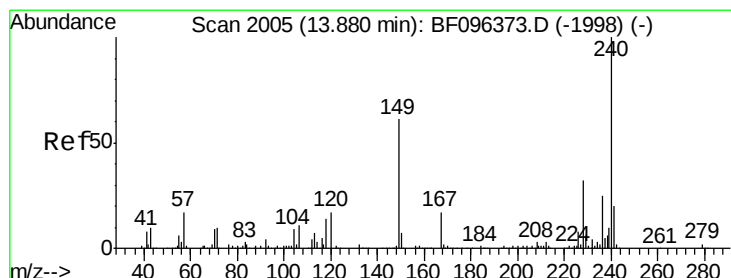
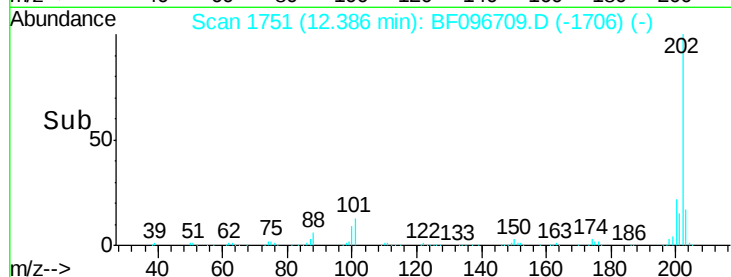
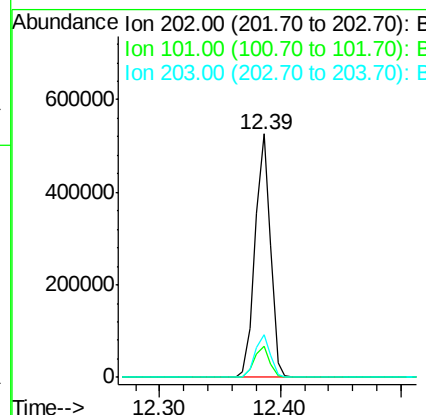
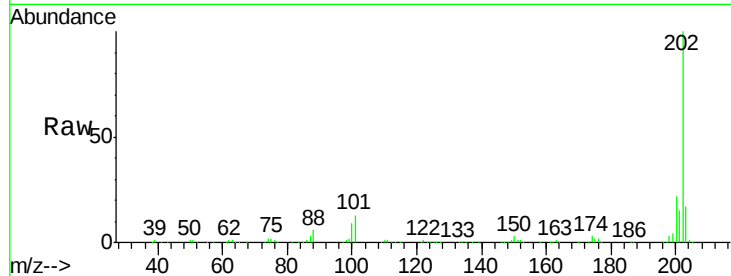
#74
Fluoranthene
Concen: 34.953 ng
RT: 12.39 min Scan# 1751
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		468965		
101	13.1	0.0	33.2		
203	17.4	0.0	38.1		

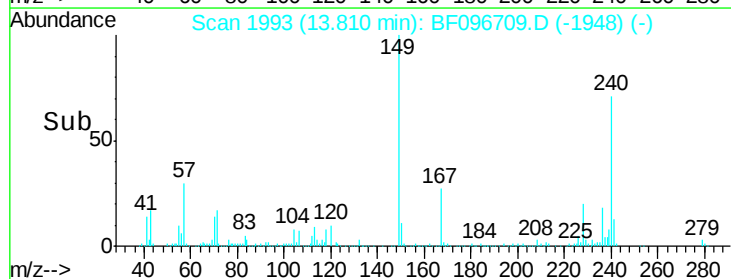
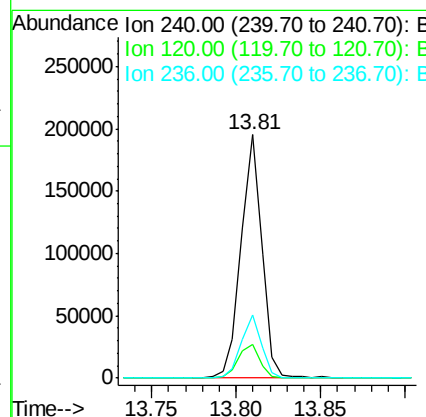
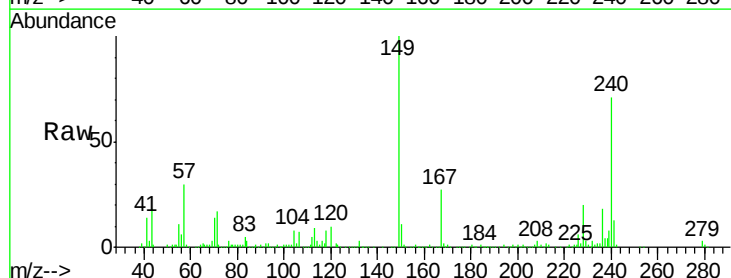
Manual Integrations
APPROVED

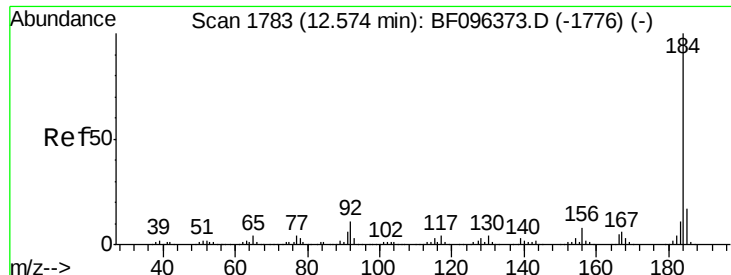
mohammad
7/13/2017 1:38:05 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.81 min Scan# 1993
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		167954		
120	13.8	5.8	8.8#		
236	25.9	20.5	30.7		





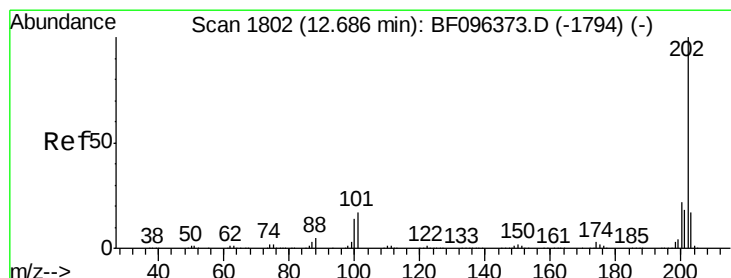
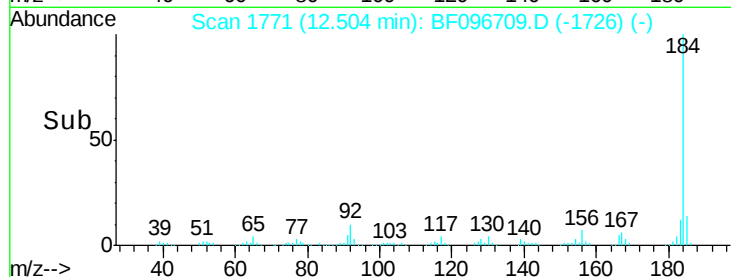
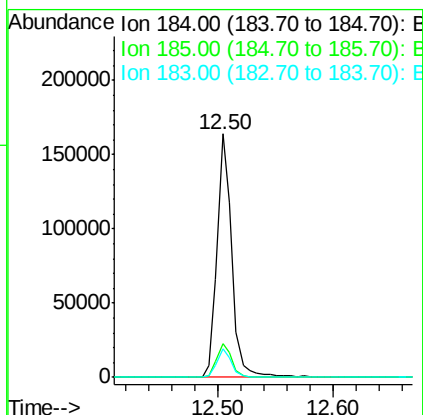
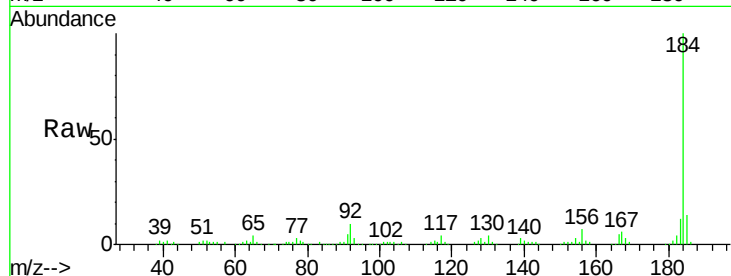
#76
Benzidine
Concen: 18.052 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	15.5	23.3#
183	11.9	9.8	14.6

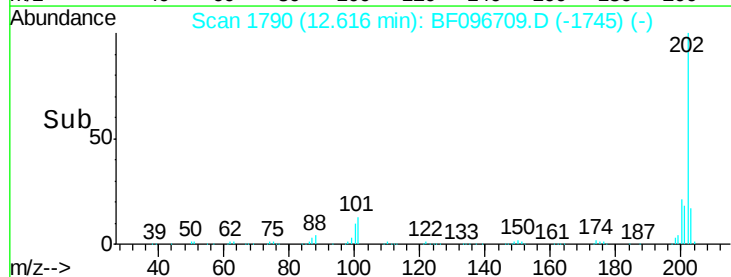
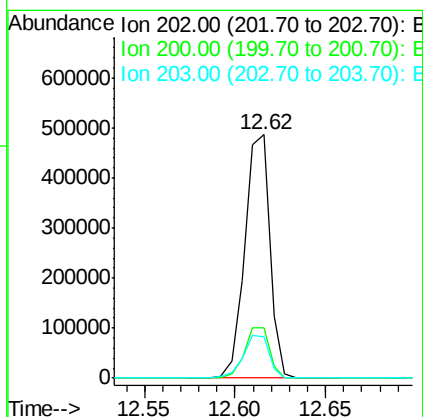
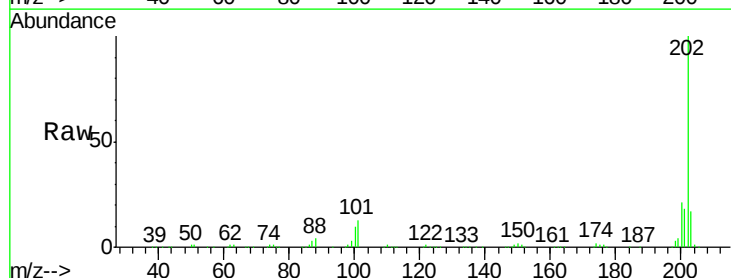
Manual Integrations
APPROVED

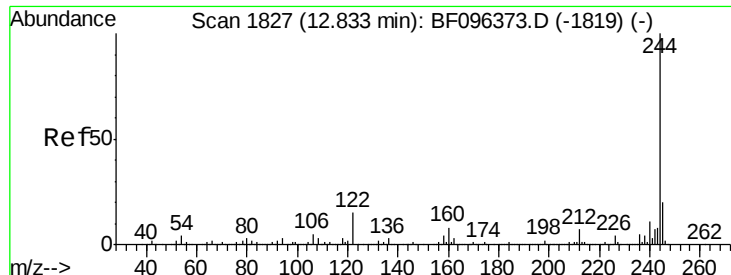
mohammad
7/13/2017 1:38:05 PM



#77
Pyrene
Concen: 34.762 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.1	14.4	21.6





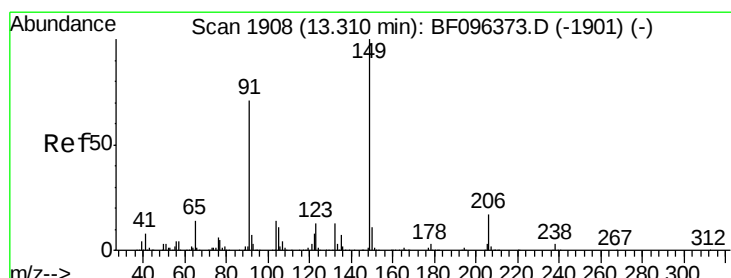
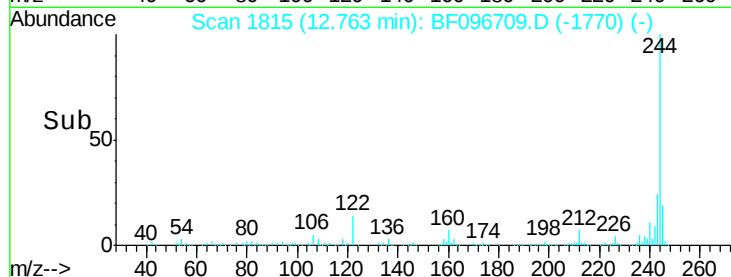
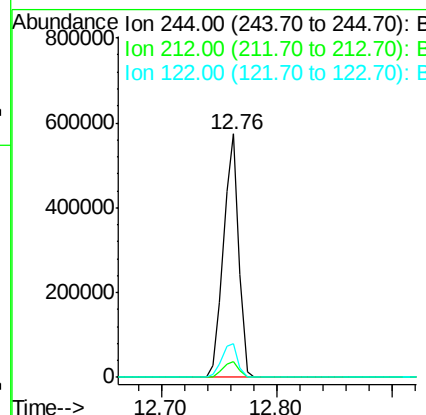
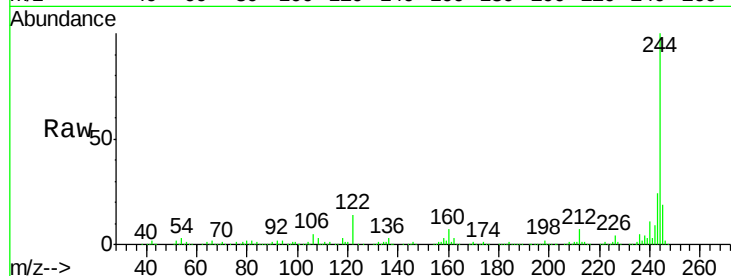
#78
 Terphenyl-d14
 Concen: 66.689 ng
 RT: 12.76 min Scan# 1815
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	524168		
212	6.6	6.0	9.0	
122	14.0	10.3	15.5	

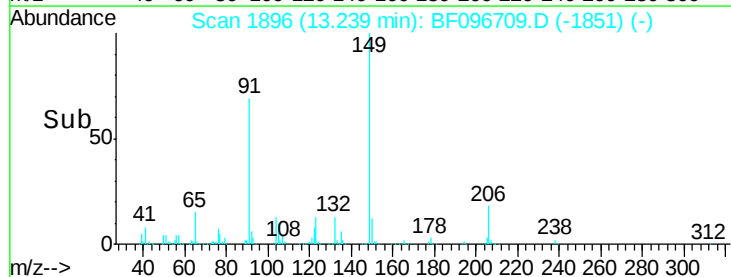
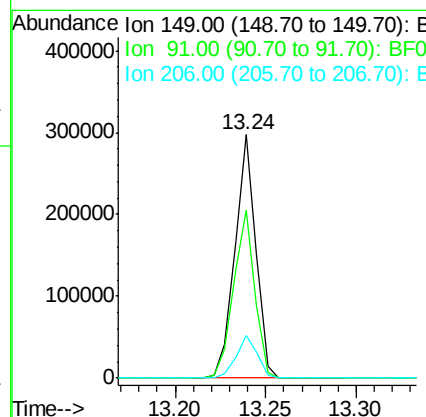
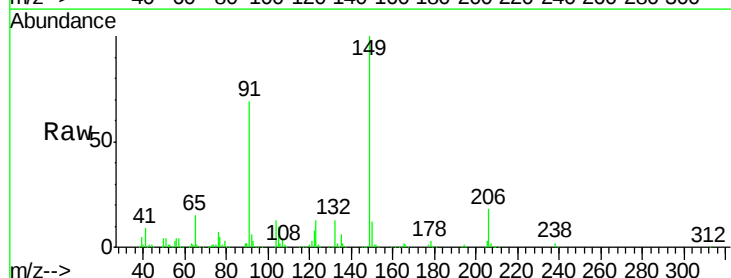
Manual Integrations
 APPROVED

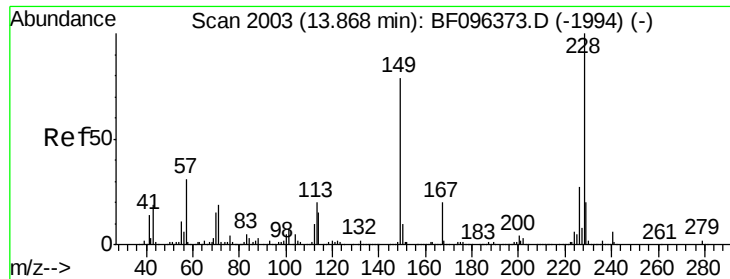
mohammad
 7/13/2017 1:38:05 PM



#79
 Butylbenzylphthalate
 Concen: 35.014 ng
 RT: 13.24 min Scan# 1896
 Delta R.T. -0.04 min
 Lab File: BF096709.D
 Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	238951		
91	69.2	45.0	67.4#	
206	17.7	17.0	25.6	





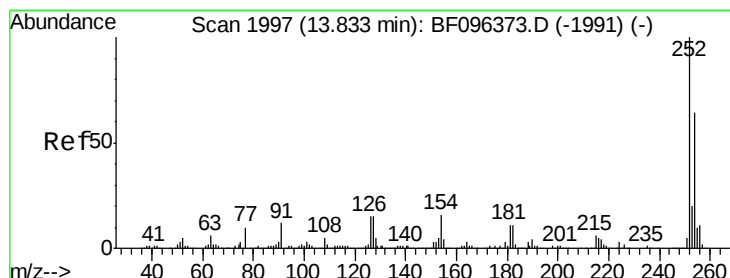
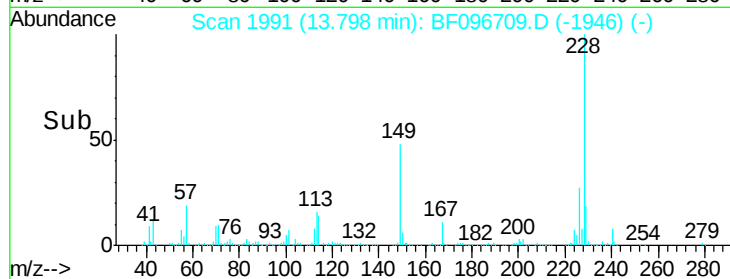
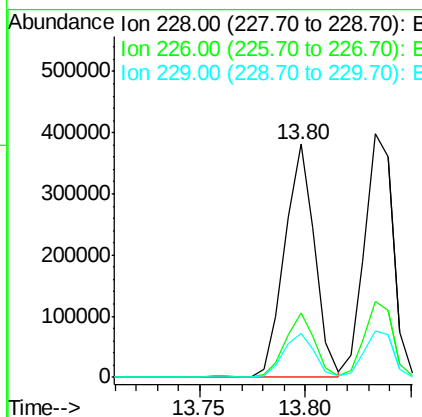
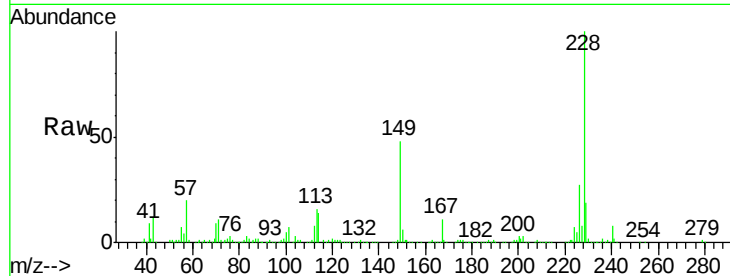
#80
Benzo(a)anthracene
Concen: 38.897 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.1	16.3	24.5

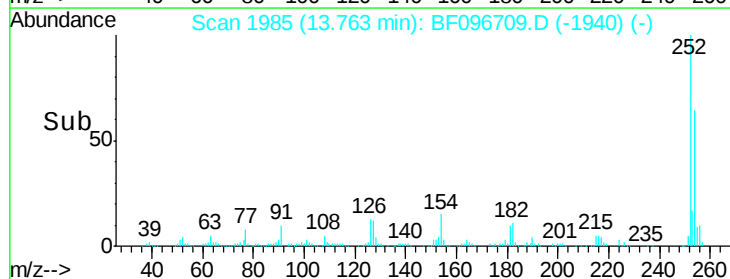
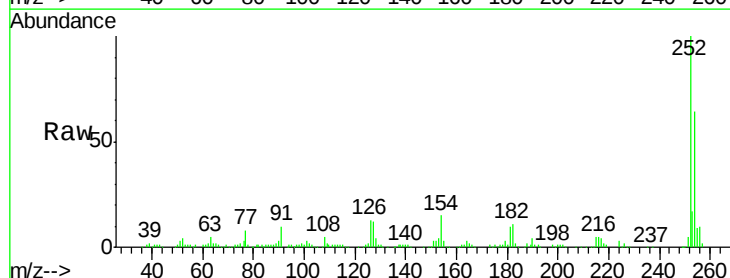
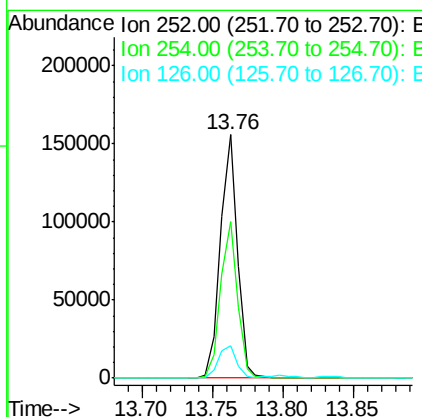
Manual Integrations
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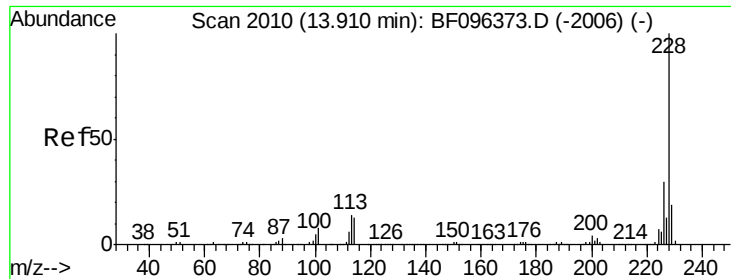
mohammad
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#81
3,3'-Dichlorobenzidine
Concen: 33.061 ng
RT: 13.76 min Scan# 1985
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.5	77.3
126	13.4	15.8	23.8#





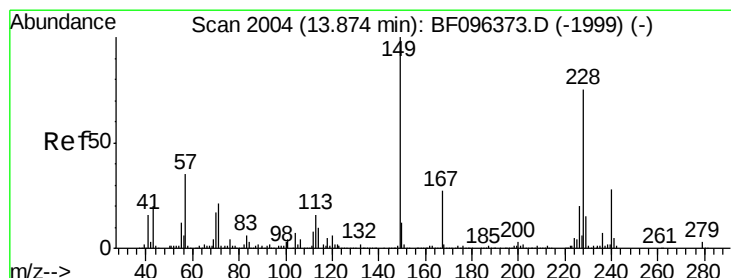
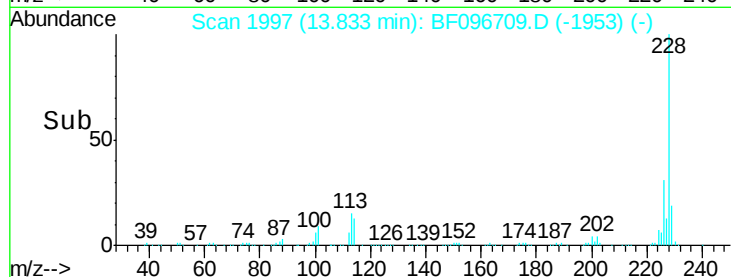
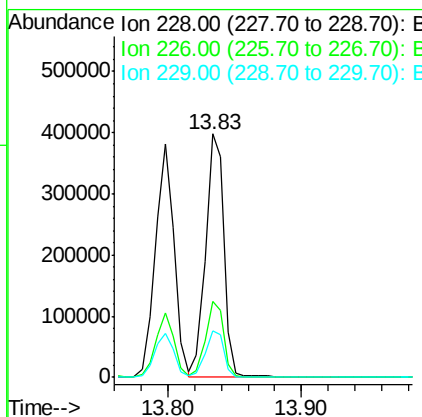
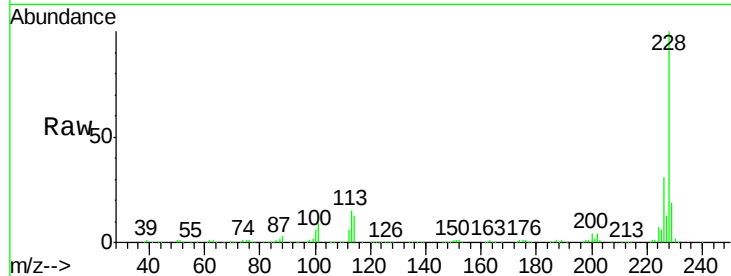
#82
Chrysene
Concen: 37.326 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.3	15.8	23.6

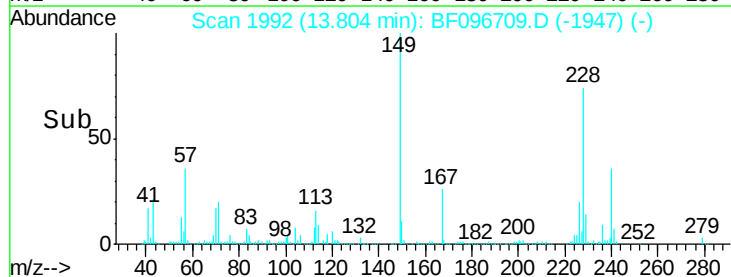
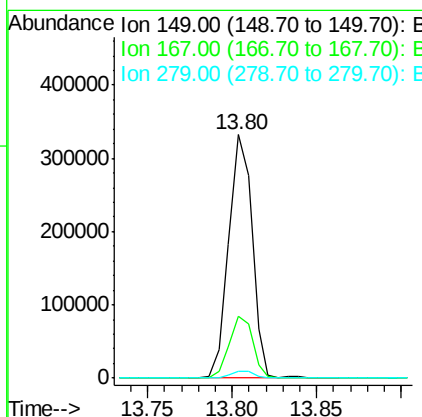
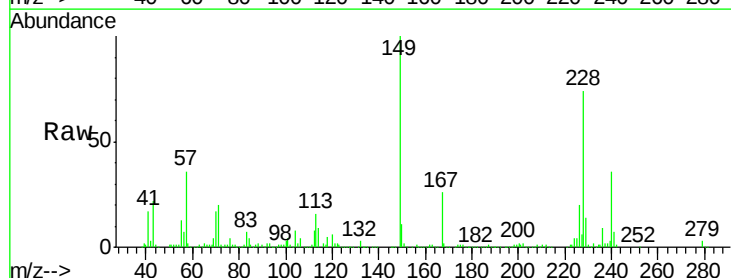
Manual Integrations
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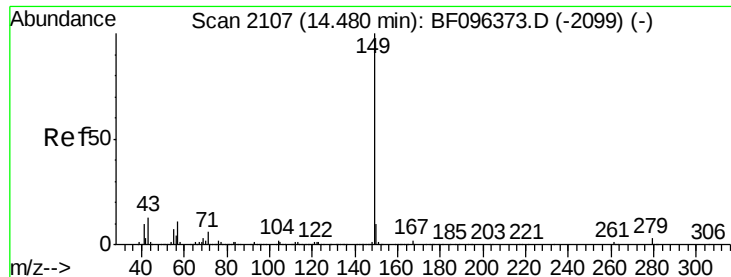
mohammad
7/13/2017 1:38:05 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 42.287 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.0	31.4
279	2.6	1.9	2.9





#84

Di-n-octyl phthalate

Concen: 39.415 ng

RT: 14.42 min Scan# 2096

Delta R.T. -0.03 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Instrument :

BNA_F

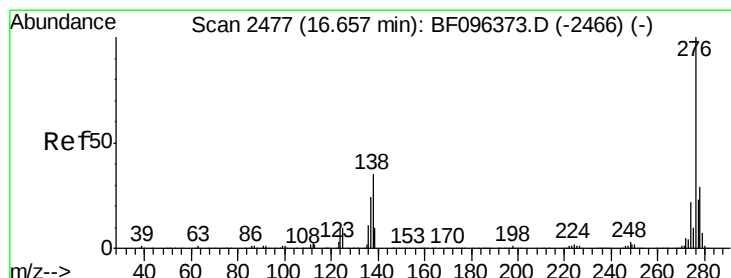
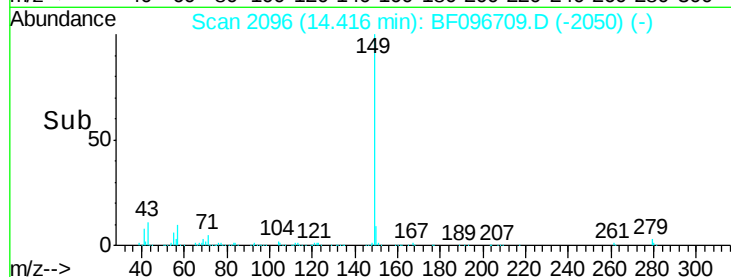
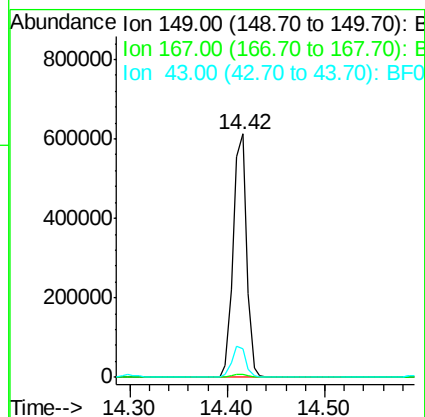
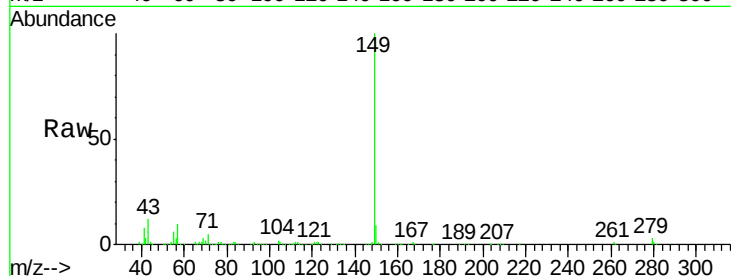
ClientSampleId :

SB-7(7.5-8.0)MSD

Tgt Ion:	149	Resp:	591271
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	12.6	8.5	12.7

Manual Integrations
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mohammad
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#85

Indeno(1,2,3-cd)pyrene

Concen: 37.604 ng

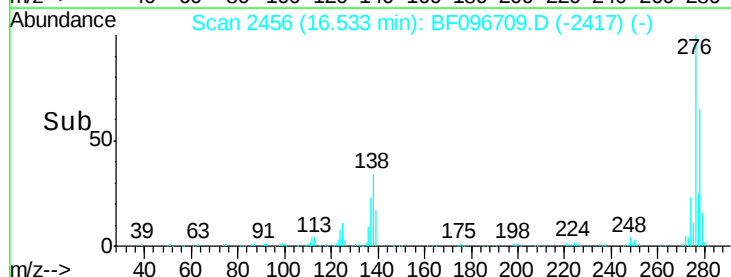
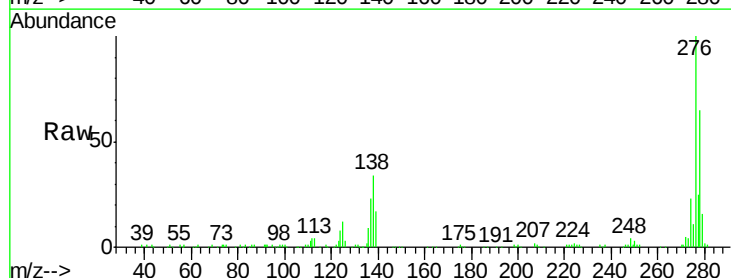
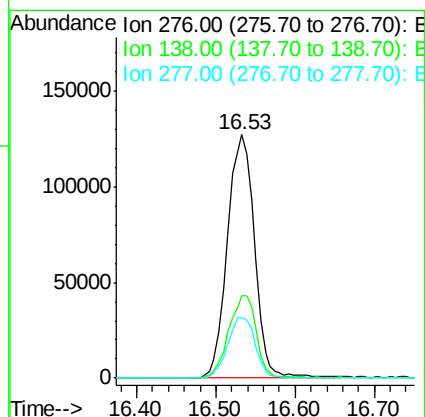
RT: 16.53 min Scan# 2456

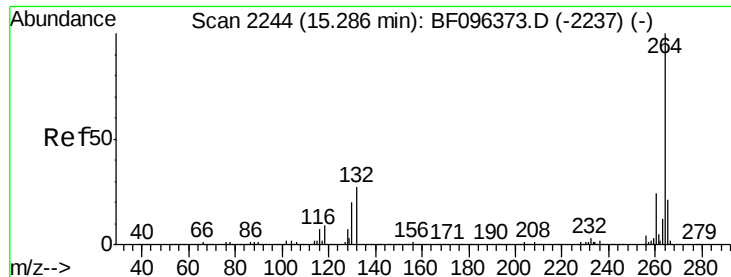
Delta R.T. -0.07 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Tgt Ion:	276	Resp:	302317
Ion Ratio	Lower	Upper	
276	100		
138	34.6	27.8	41.6
277	25.1	20.2	30.4





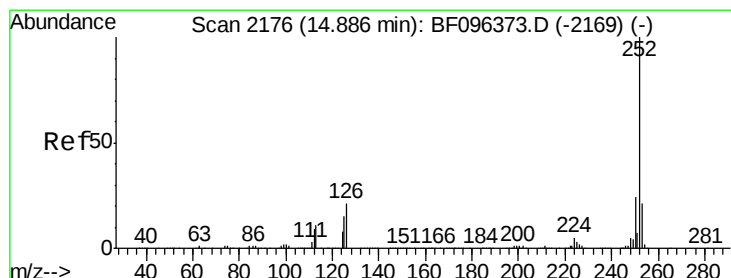
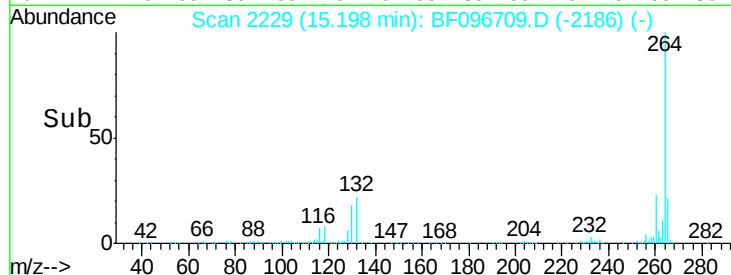
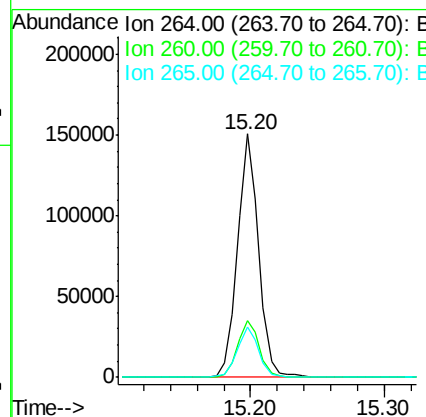
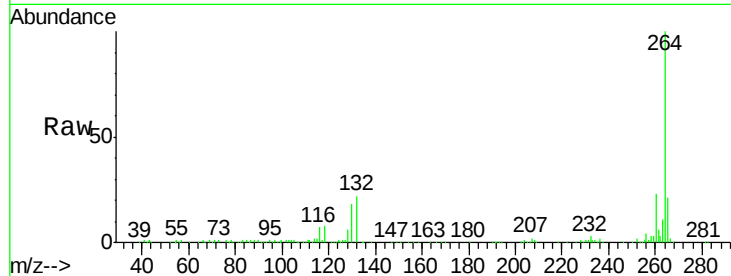
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.05 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	166957		
260	23.1	19.5	29.3	
265	20.9	17.2	25.8	

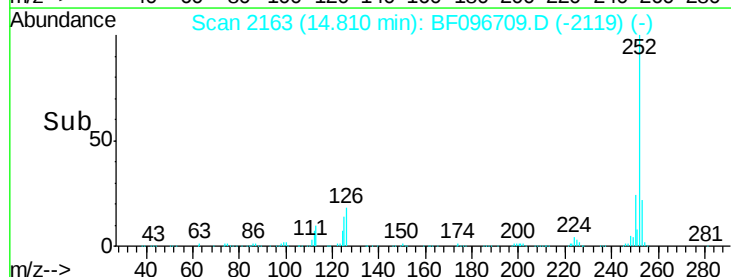
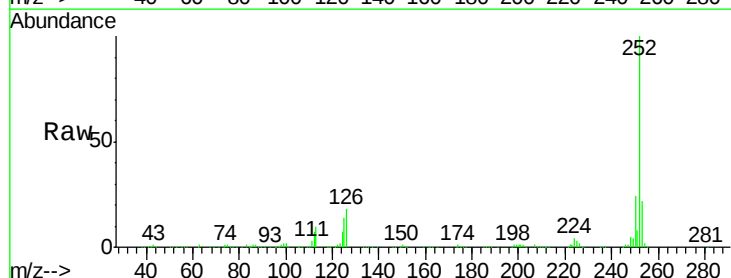
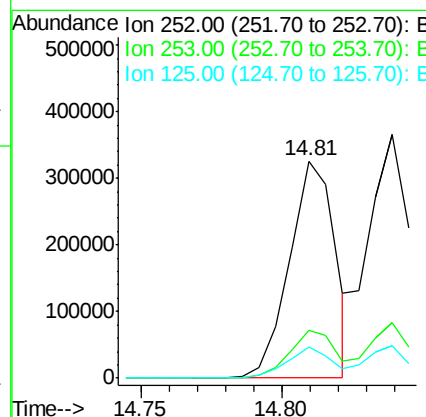
Manual Integrations
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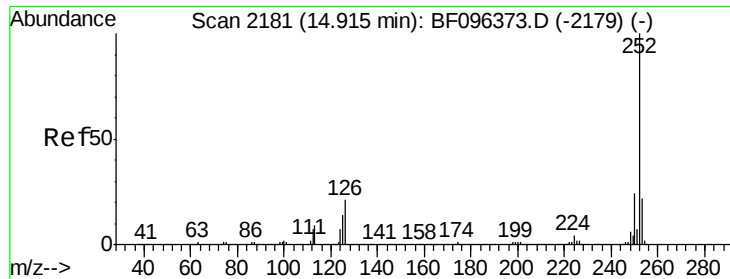
mohammad
7/13/2017 1:38:05 PM



#87
Benzo(b)fluoranthene
Concen: 34.960 ng
RT: 14.81 min Scan# 2163
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	365728		
253	22.2	18.1	27.1	
125	14.1	9.8	14.8	





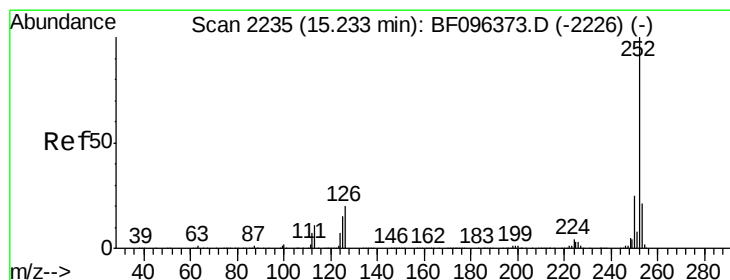
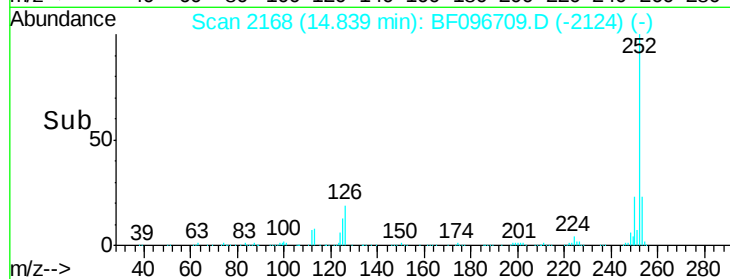
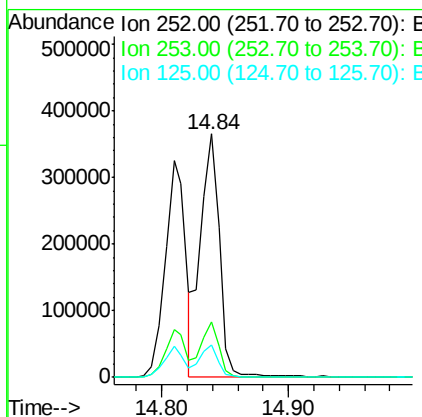
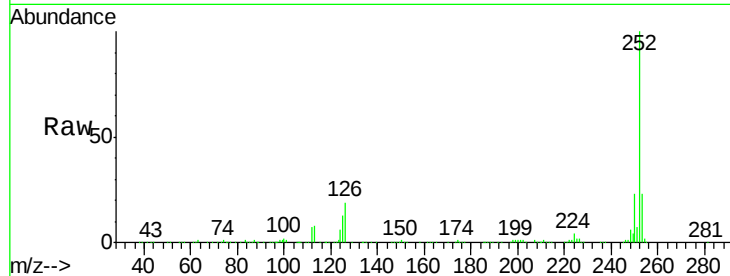
#88
Benzo(k)fluoranthene
Concen: 40.193 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.04 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Instrument :
BNA_F
ClientSampleId :
SB-7(7.5-8.0)MSD

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	376120		
253	22.6	18.4	27.6	
125	13.1	13.1	19.7	

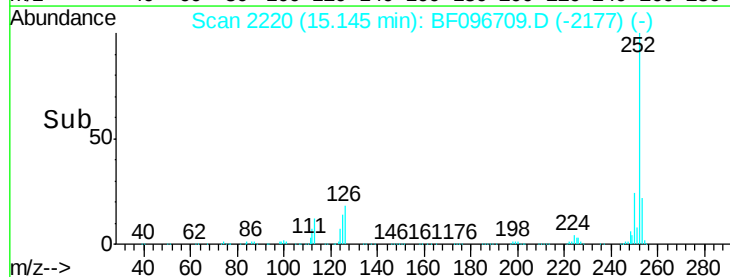
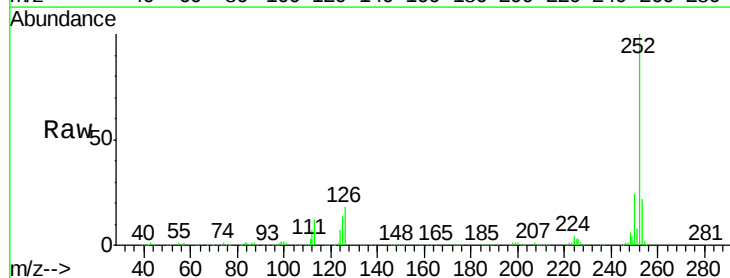
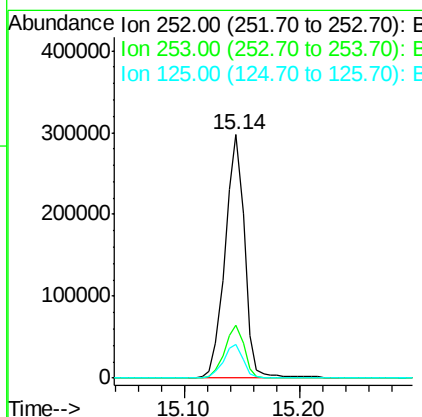
Manual Integrations
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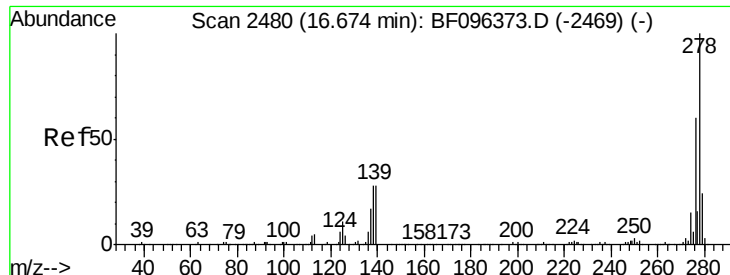
mohammad
7/13/2017 1:38:05 PM



#89
Benzo(a)pyrene
Concen: 37.123 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.05 min
Lab File: BF096709.D
Acq: 12 Jul 2017 23:23

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	346731		
253	21.5	17.5	26.3	
125	14.0	11.0	16.4	





#90

Dibenzo(a,h)anthracene

Concen: 34.490 ng

RT: 16.54 min Scan# 2458

Delta R.T. -0.07 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Instrument :

BNA_F

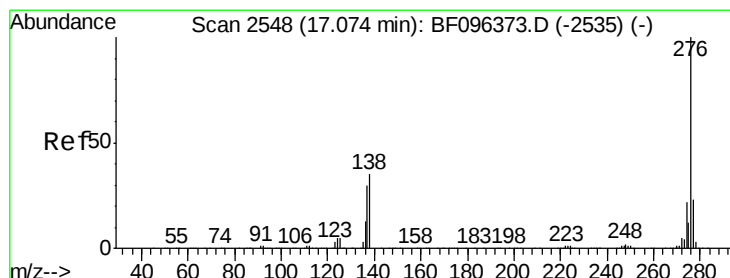
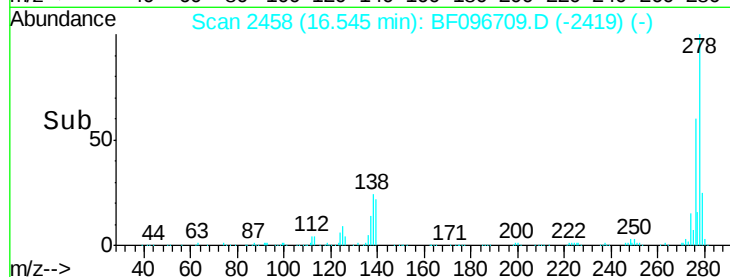
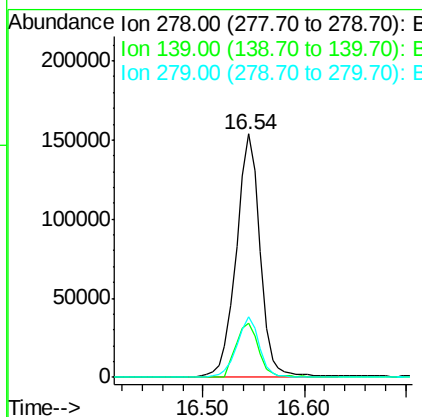
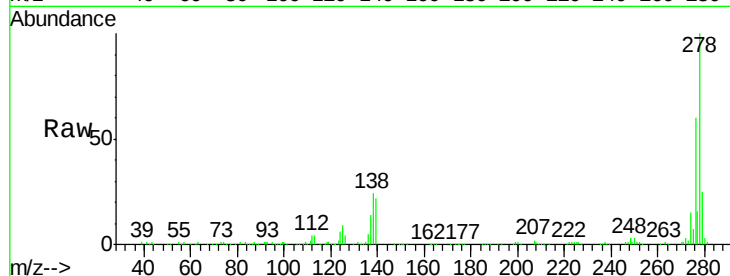
ClientSampleId :

SB-7(7.5-8.0)MSD

Tgt Ion:	278	Resp:	253425
Ion Ratio	Lower	Upper	
278	100		
139	22.0	16.6	24.8
279	24.6	19.3	28.9

Manual Integrations
APPROVED

mohammad
7/13/2017 1:38:05 PM



#91

Benzo(g,h,i)perylene

Concen: 31.719 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.08 min

Lab File: BF096709.D

Acq: 12 Jul 2017 23:23

Tgt Ion:	276	Resp:	241510
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.6	28.0
138	29.0	25.4	38.0

