

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094306.D
 Acq On : 10 Apr 2017 13:00
 Operator : SJ/MA
 Sample : PB98126BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98126BSD

Manual Integrations
 APPROVED

mohammad
 4/11/2017 12:52:59 PM

Quant Time: Apr 11 01:15:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	169178	20.00	ng	-0.02
21) Naphthalene-d8	7.35	136	684711	20.00	ng	-0.02
38) Acenaphthene-d10	9.49	164	309384	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	537862	20.00	ng	-0.01
75) Chrysene-d12	14.56	240	403330	20.00	ng	-0.01
86) Perylene-d12	16.18	264	281424	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	858258	85.69	ng	0.02
7) Phenol-d6	5.48	99	1054771	85.12	ng	0.02
23) Nitrobenzene-d5	6.49	82	970624	80.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	224245	91.72	ng	-0.01
44) 2-Fluorobiphenyl	8.67	172	1780129	87.76	ng	-0.02
78) Terphenyl-d14	13.29	244	1407610	78.23	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.25	88	148689	30.90	ng	98
3) Pyridine	2.73	79	411432	31.37	ng	99
4) n-Nitrosodimethylamine	2.69	42	191322	35.45	ng	95
6) Aniline	5.46	93	267656	15.53	ng	97
8) 2-Chlorophenol	5.62	128	428624	38.93	ng	97
9) Benzaldehyde	5.33	77	193010	23.07	ng	98
10) Phenol	5.49	94	522186	37.03	ng	92
11) bis(2-Chloroethyl)ether	5.55	93	409941	37.20	ng	99
12) 1,3-Dichlorobenzene	5.77	146	460079	37.25	ng	99
13) 1,4-Dichlorobenzene	5.86	146	464156	37.11	ng	96
14) 1,2-Dichlorobenzene	6.03	146	418881	36.36	ng	98
15) Benzyl Alcohol	6.02	79	331886	36.59	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.17	45	541648	31.90	ng	53
17) 2-Methylphenol	6.18	107	344242	36.51	ng	97
18) Hexachloroethane	6.43	117	165512	37.65	ng	# 87
19) n-Nitroso-di-n-propylamine	6.33	70	309856	38.91	ng	98
20) 3+4-Methylphenols	6.36	107	486380	42.59	ng	# 61
22) Acetophenone	6.32	105	594836	38.98	ng	# 85
24) Nitrobenzene	6.52	77	431661	36.48	ng	91
25) Isophorone	6.80	82	785154	37.24	ng	96
26) 2-Nitrophenol	6.89	139	240631	42.64	ng	94
27) 2,4-Dimethylphenol	6.97	122	384992	39.59	ng	98
28) bis(2-Chloroethoxy)methane	7.06	93	508034	36.54	ng	98
29) 2,4-Dichlorophenol	7.20	162	366539	40.32	ng	98
30) 1,2,4-Trichlorobenzene	7.28	180	360122	38.46	ng	98
31) Naphthalene	7.37	128	1219305	37.03	ng	100
32) Benzoic acid	7.15	122	182694	28.22	ng	97
33) 4-Chloroaniline	7.44	127	138242	10.36	ng	96
34) Hexachlorobutadiene	7.52	225	180055	37.50	ng	96
35) Caprolactam	7.89	113	117051m	40.37	ng	
36) 4-Chloro-3-methylphenol	8.08	107	381420	40.15	ng	88
37) 2-Methylnaphthalene	8.22	142	854667	38.94	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.42	216	318349	37.61	ng	98
40) Hexachlorocyclopentadiene	8.41	237	308834	77.98	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	245080	40.93	nq	98
43) 2,4,5-Trichlorophenol	8.64	196	246050	37.97	nq	93
45) 1,1'-Biphenyl	8.79	154	949336	38.04	nq	98
46) 2-Chloronaphthalene	8.81	162	754980	38.65	nq	96
47) 2-Nitroaniline	8.94	65	226291	39.05	nq	91
48) Acenaphthylene	9.32	152	1188946	36.62	nq	99
49) Dimethylphthalate	9.18	163	882089	40.11	nq	99
50) 2,6-Dinitrotoluene	9.25	165	200039	39.68	nq	90
51) Acenaphthene	9.53	154	706316	37.29	nq	100
52) 3-Nitroaniline	9.45	138	100078	16.91	nq	92
53) 2,4-Dinitrophenol	9.58	184	136247	52.22	nq	# 72
54) Dibenzofuran	9.74	168	992121	38.47	nq	99
55) 4-Nitrophenol	9.73	139	418032m	90.17	nq	
56) 2,4-Dinitrotoluene	9.74	165	236519	37.35	nq	# 68
57) Fluorene	10.16	166	773330	36.16	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	173368	39.00	nq	98
59) Diethylphthalate	10.05	149	846615	38.95	nq	99
60) 4-Chlorophenyl-phenylether	10.17	204	336880	36.98	nq	88
61) 4-Nitroaniline	10.21	138	193785	34.11	nq	98
62) Azobenzene	10.36	77	814741	39.62	nq	96
64) 4,6-Dinitro-2-methylphenol	10.25	198	110760	33.62	nq	# 70
65) n-Nitrosodiphenylamine	10.32	169	724357	38.94	nq	97
66) 4-Bromophenyl-phenylether	10.76	248	208585	39.43	nq	97
67) Hexachlorobenzene	10.84	284	214552	40.07	nq	# 89
68) Atrazine	10.99	200	212972	38.23	nq	96
69) Pentachlorophenol	11.10	266	165473	49.65	nq	97
70) Phenanthrene	11.34	178	1145333	38.28	nq	99
71) Anthracene	11.40	178	1169559	37.96	nq	99
72) Carbazole	11.61	167	1085012	34.35	nq	99
73) Di-n-butylphthalate	12.06	149	1310502	39.89	nq	98
74) Fluoranthene	12.80	202	1148132	37.47	nq	99
76) Benzidine	12.97	184	356493	22.33	nq	# 92
77) Pyrene	13.08	202	1149921	39.29	nq	100
79) Butylbenzylphthalate	13.89	149	541469	43.42	nq	# 83
80) Benzo(a)anthracene	14.55	228	901754	38.34	nq	98
81) 3,3'-Dichlorobenzidine	14.52	252	138781	16.51	nq	# 96
82) Chrysene	14.59	228	796940	36.51	nq	99
83) Bis(2-ethylhexyl)phthalate	14.61	149	739966	43.49	nq	# 99
84) Di-n-octyl phthalate	15.36	149	1172366	41.24	nq	98
85) Indeno(1,2,3-cd)pyrene	17.51	276	660464	34.94	nq	100
87) Benzo(b)fluoranthene	15.78	252	711457	41.24	nq	97
88) Benzo(k)fluoranthene	15.82	252	628656m	37.25	nq	
89) Benzo(a)pyrene	16.13	252	617341	38.86	nq	99
90) Dibenzo(a,h)anthracene	17.53	278	546404	40.62	nq	98
91) Benzo(g,h,i)perylene	17.90	276	563779	41.58	nq	97

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

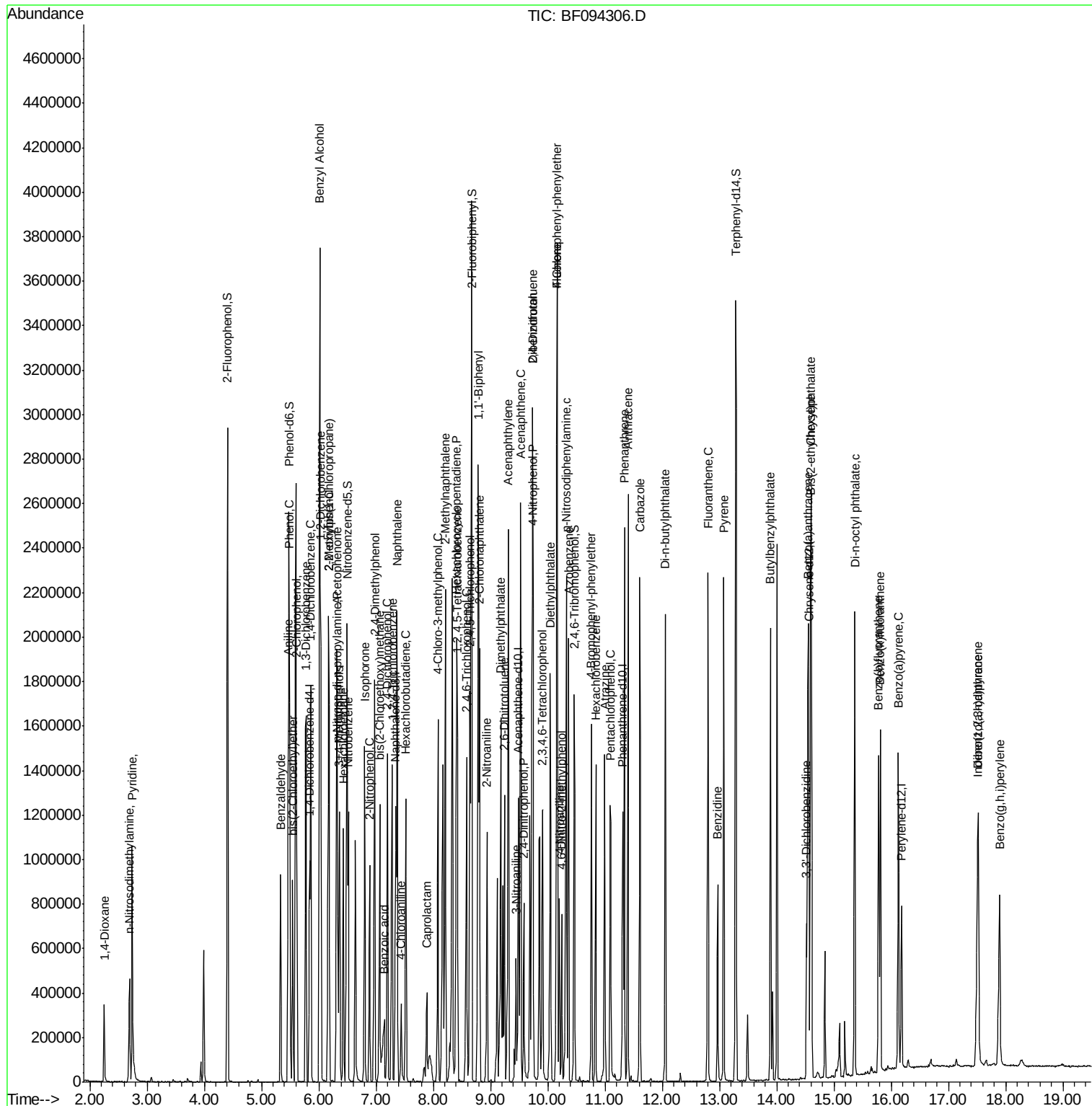
Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
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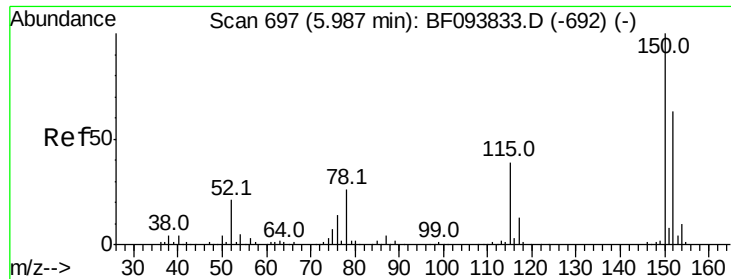
Instrument :
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#1

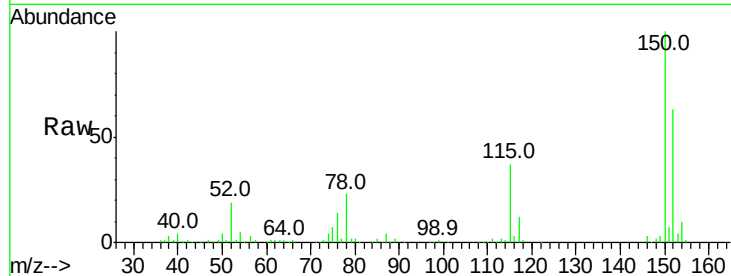
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Instrument :
BNA_F
ClientSampleId :
PB98126BSD

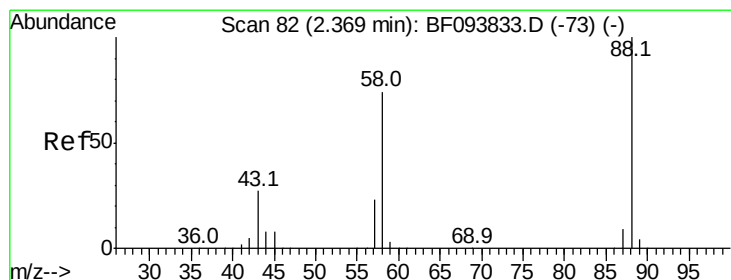
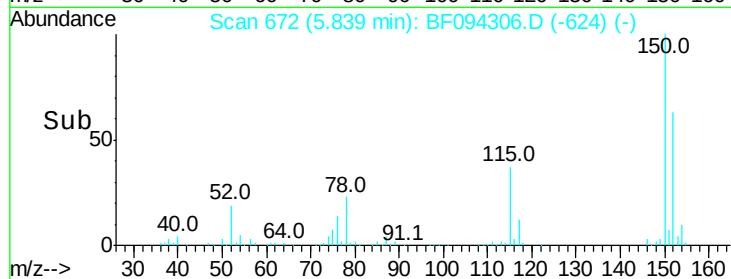
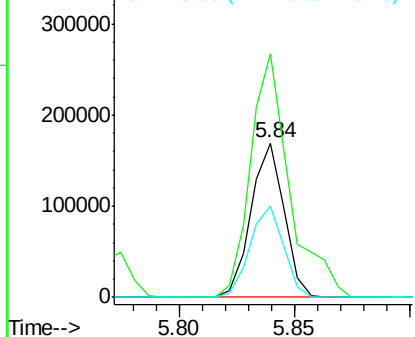
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	59.1	52.2	78.2

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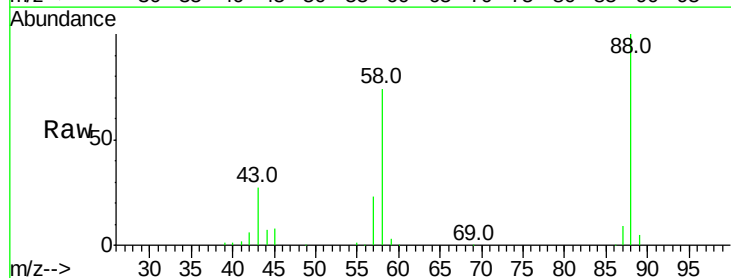
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



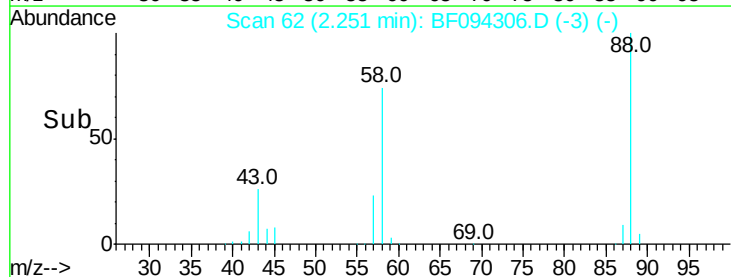
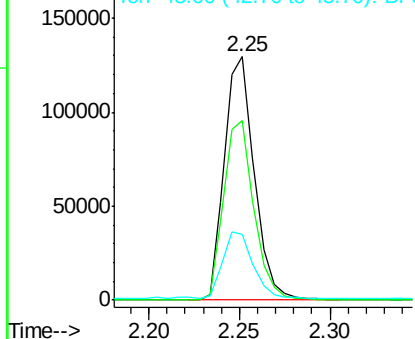
#2

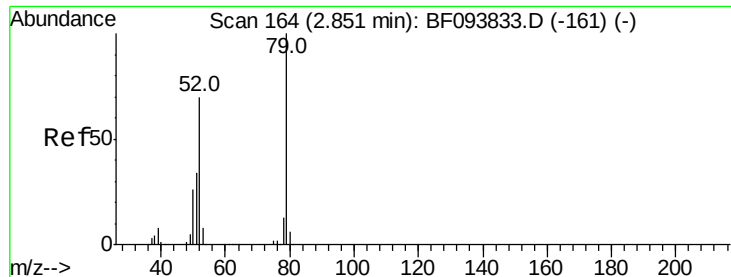
1,4-Dioxane
Concen: 30.90 ng
RT: 2.25 min Scan# 62
Delta R.T. 0.05 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	61.4	92.0
43	28.3	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.37 ng

RT: 2.73 min Scan# 144

Delta R.T. 0.04 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

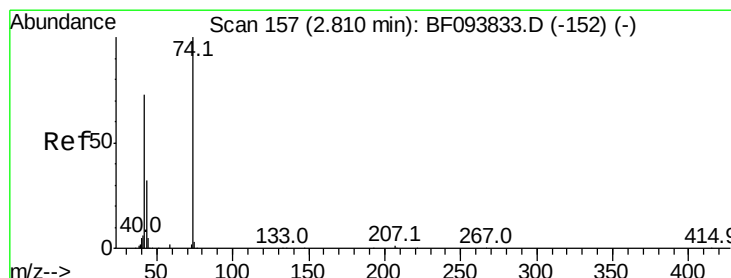
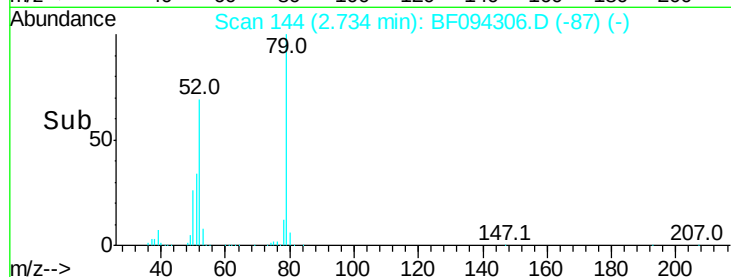
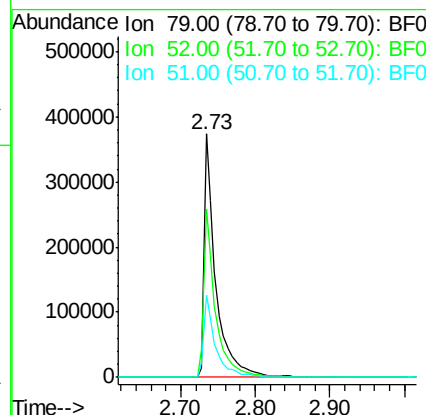
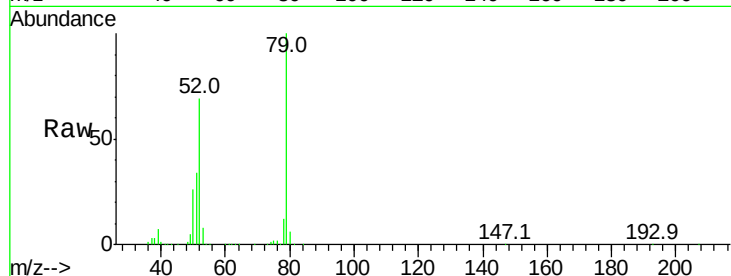
ClientSampleId :

PB98126BSD

Tot Ion:	79	Resp:	411432
Ion Ratio	Lower	Upper	
79	100		
52	69.2	54.8	82.2
51	33.8	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 35.45 ng

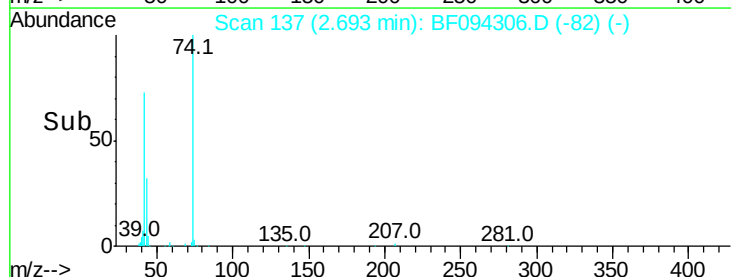
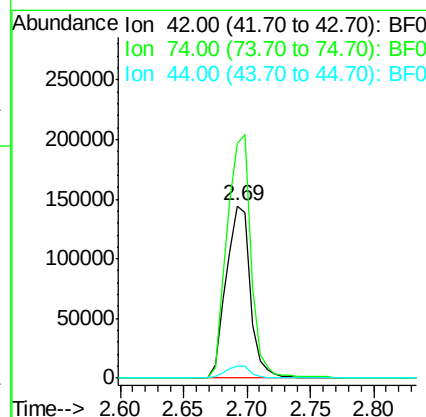
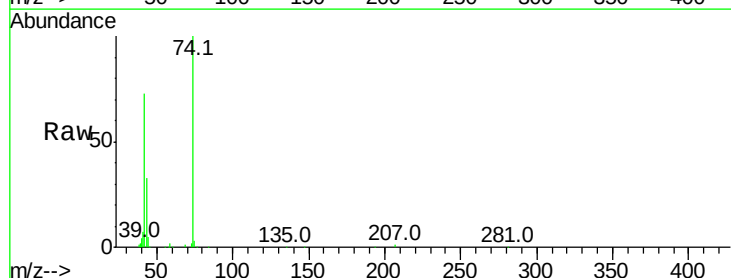
RT: 2.69 min Scan# 137

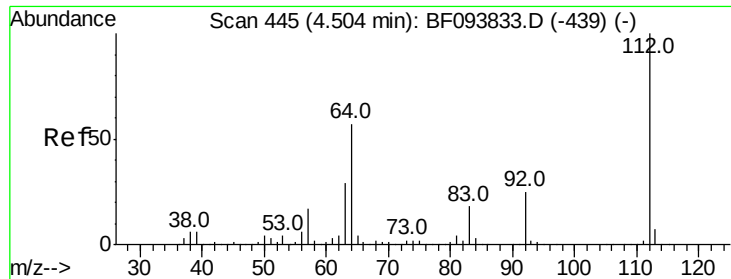
Delta R.T. 0.02 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Tgt Ion:	42	Resp:	191322
Ion Ratio	Lower	Upper	
42	100		
74	136.2	103.9	155.9
44	6.8	5.7	8.5





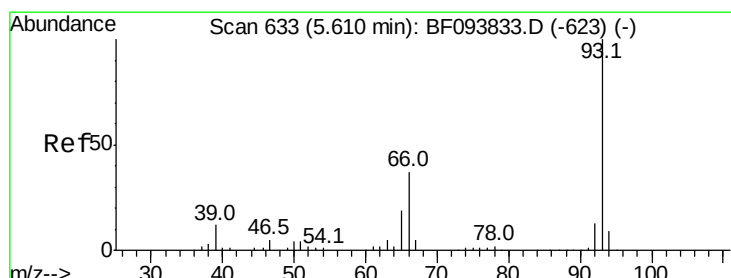
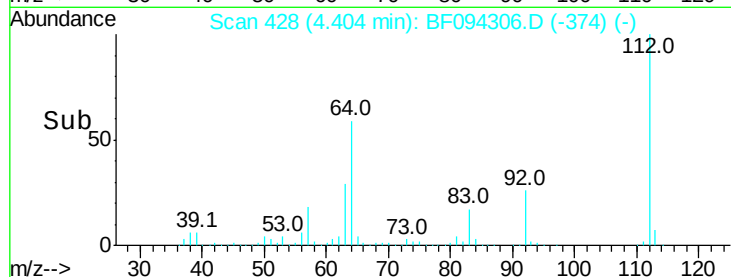
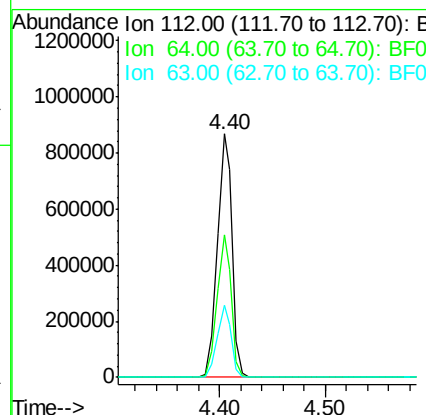
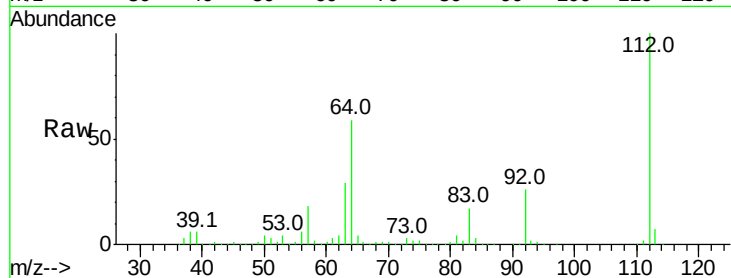
#5
 2-Fluorophenol
 Concen: 85.69 ng
 RT: 4.40 min Scan# 428
 Delta R.T. 0.02 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98126BSD

Tot Ion:	112	Resp:	858258
Ion Ratio	Lower	Upper	
112	100		
64	58.5	46.0	69.0
63	29.4	23.4	35.0

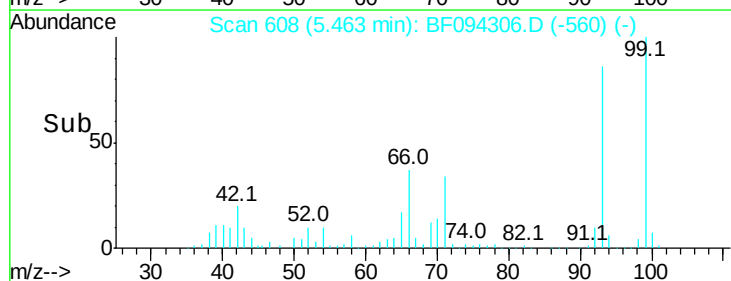
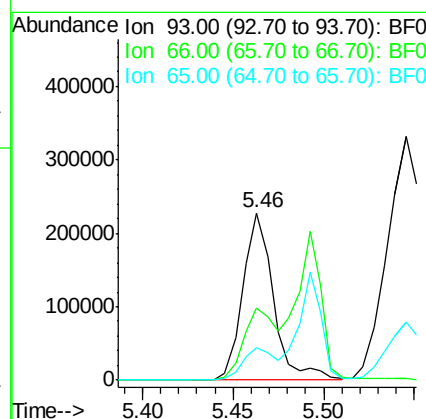
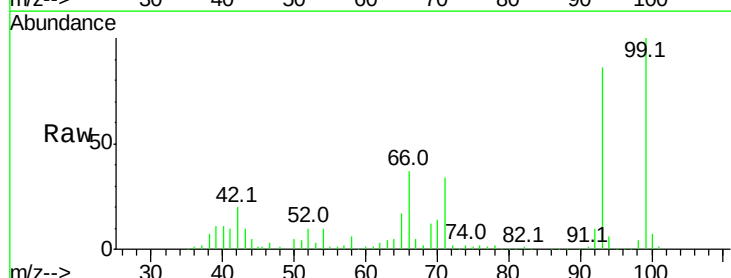
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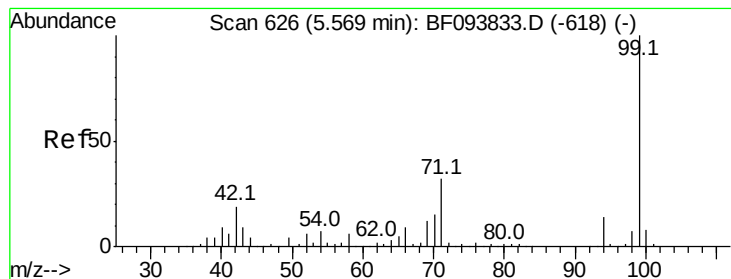
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#6
 Aniline
 Concen: 15.53 ng
 RT: 5.46 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion:	93	Resp:	267656
Ion Ratio	Lower	Upper	
93	100		
66	43.3	32.9	49.3
65	19.5	16.0	24.0





#7

Phenol-d6

Concen: 85.12 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

PB98126BSD

Tot Ion: 99 Resp: 1054771

Ion Ratio Lower Upper

99 100

42 17.7 13.5 20.3

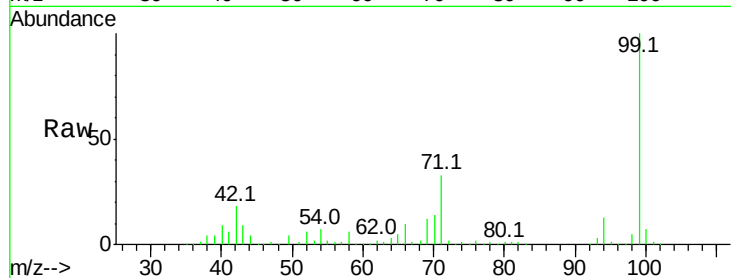
71 32.5 24.5 36.7

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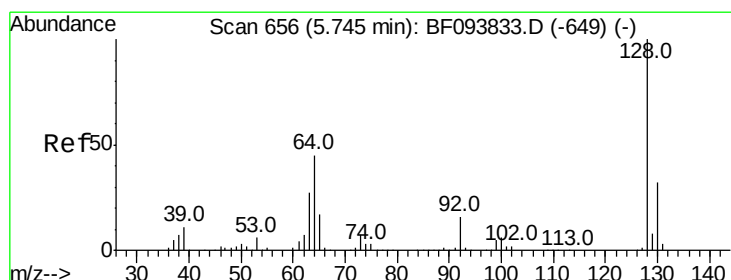
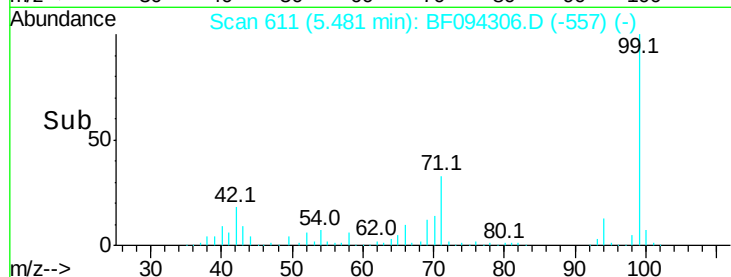
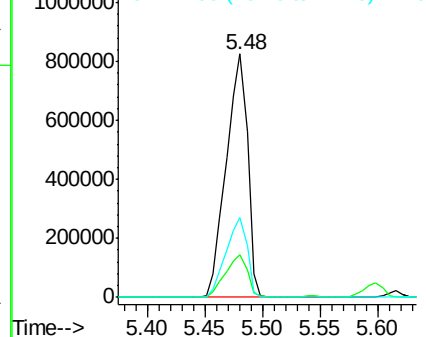
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.93 ng

RT: 5.62 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

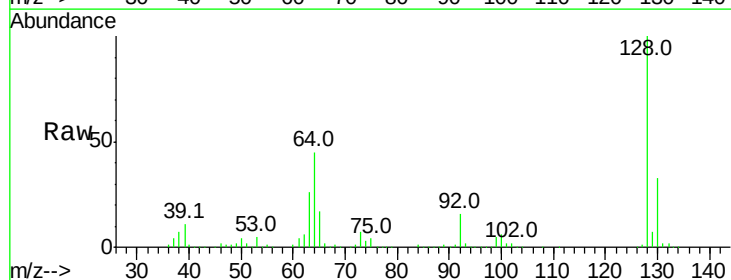
Tgt Ion: 128 Resp: 428624

Ion Ratio Lower Upper

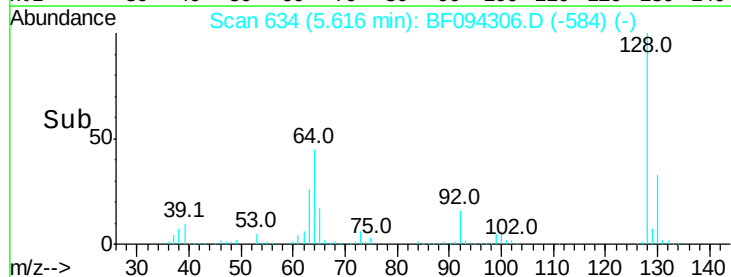
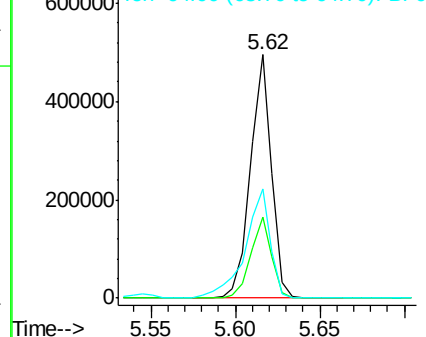
128 100

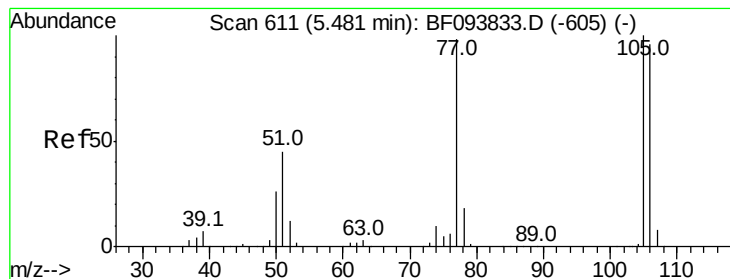
130 33.0 12.9 52.9

64 45.0 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.07 ng

RT: 5.33 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

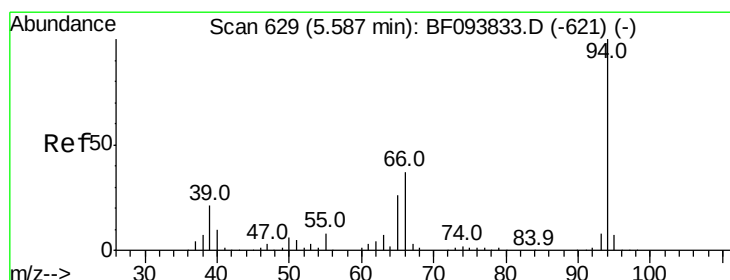
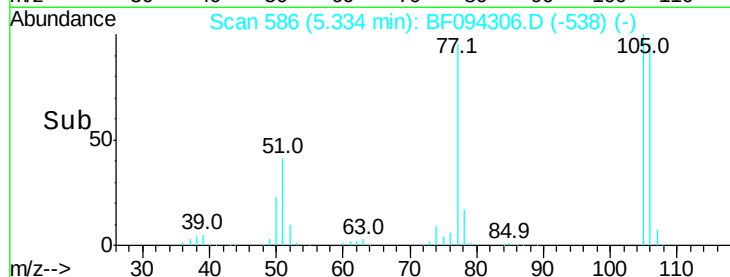
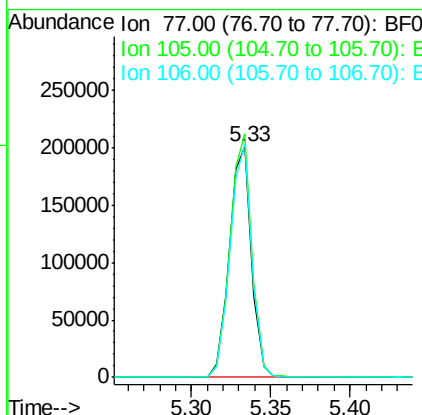
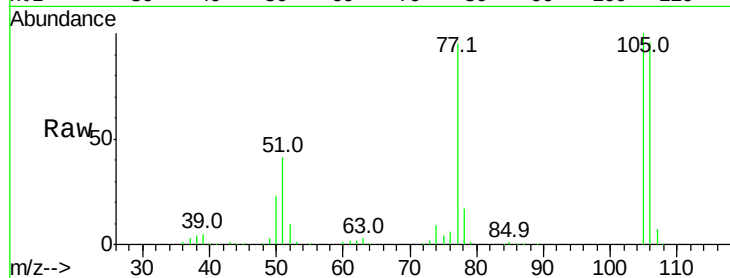
ClientSampleID :

PB98126BSD

Tot Ion:	77	Resp:	193010
Ion Ratio	Lower	Upper	
77	100		
105	105.7	83.8	123.8
106	101.1	79.1	119.1

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#10

Phenol

Concen: 37.03 ng

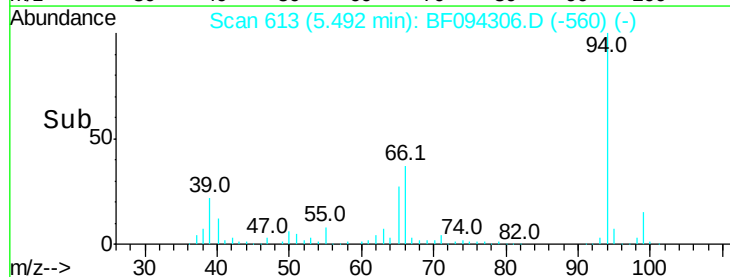
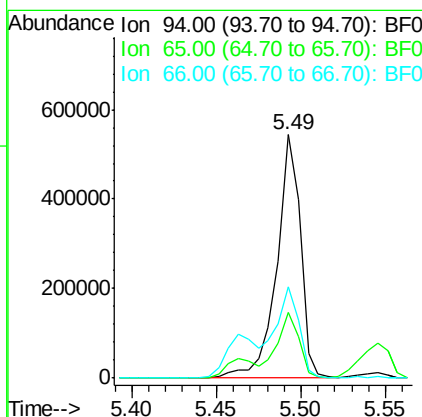
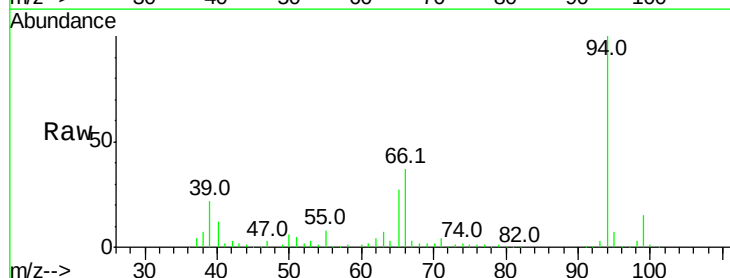
RT: 5.49 min Scan# 613

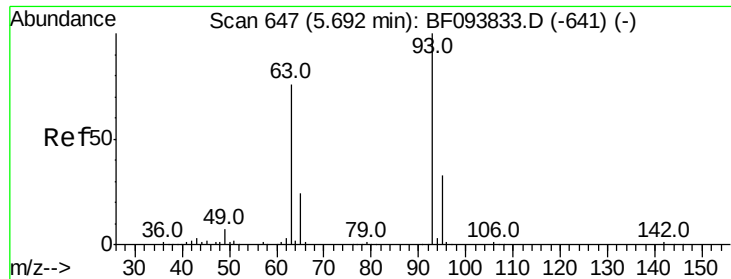
Delta R.T. 0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Tgt Ion:	94	Resp:	522186
Ion Ratio	Lower	Upper	
94	100		
65	26.9	9.9	49.9
66	37.4	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 37.20 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

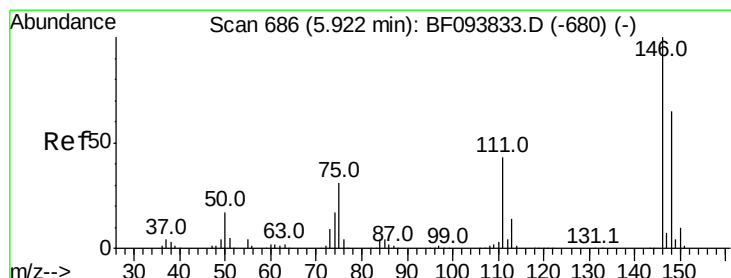
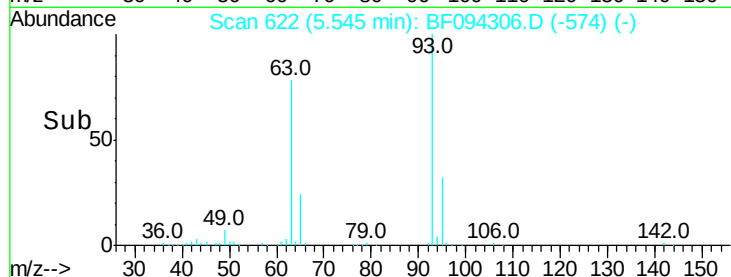
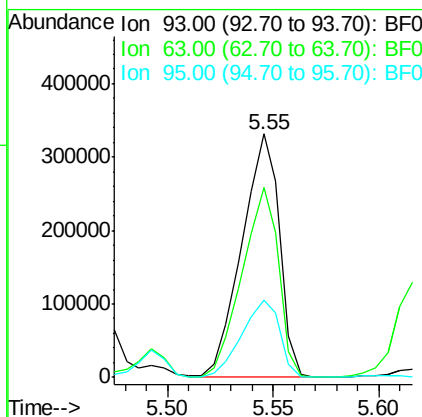
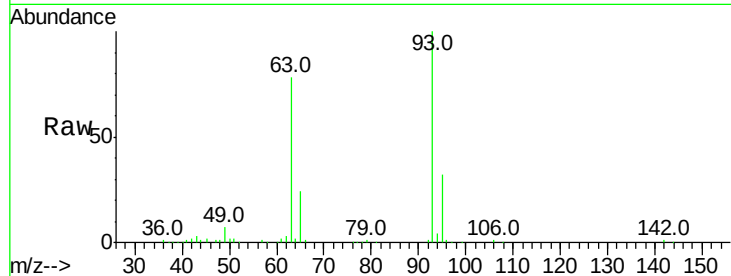
ClientSampleId :

PB98126BSD

Tot Ion:	93	Resp:	409941
Ion Ratio	Lower	Upper	
93	100		
63	78.1	59.2	99.2
95	31.8	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 37.25 ng

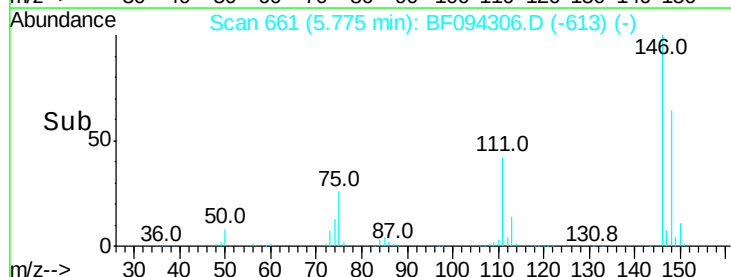
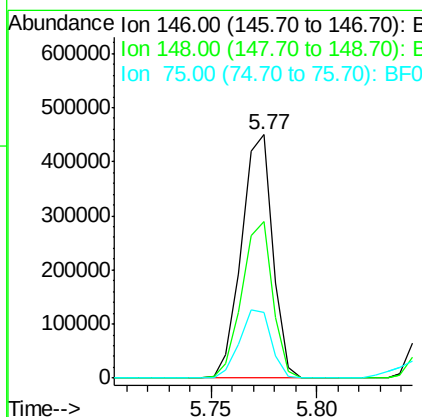
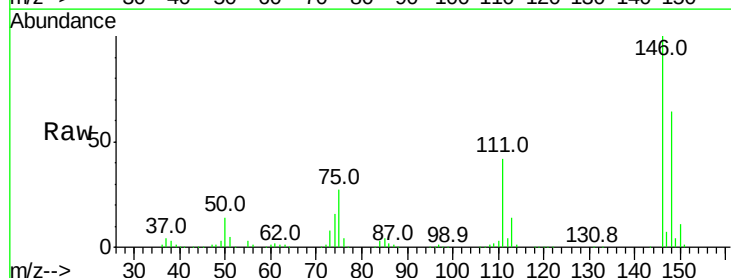
RT: 5.77 min Scan# 661

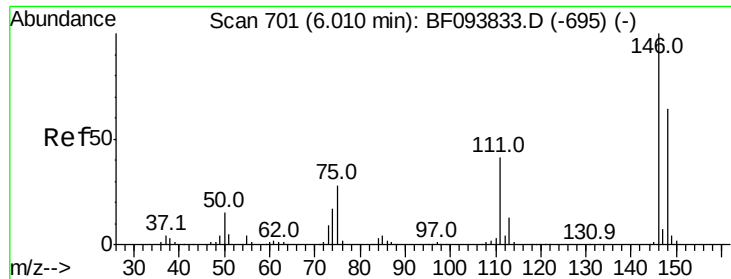
Delta R.T. -0.02 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Tgt Ion:	146	Resp:	460079
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.6
75	27.2	23.1	34.7





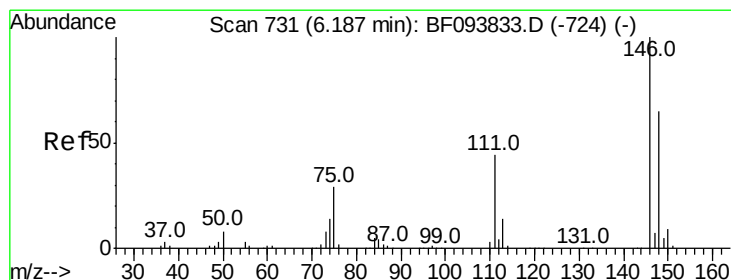
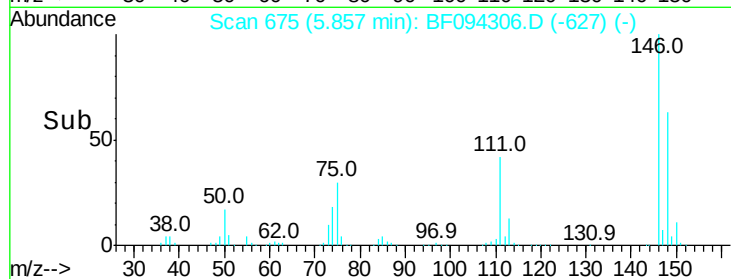
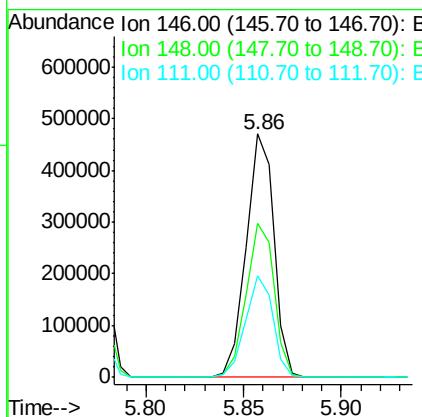
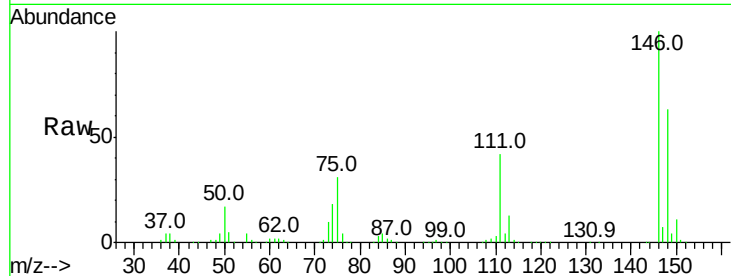
#13
 1,4-Dichlorobenzene
 Concen: 37.11 ng
 RT: 5.86 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98126BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	41.8	30.3	45.5

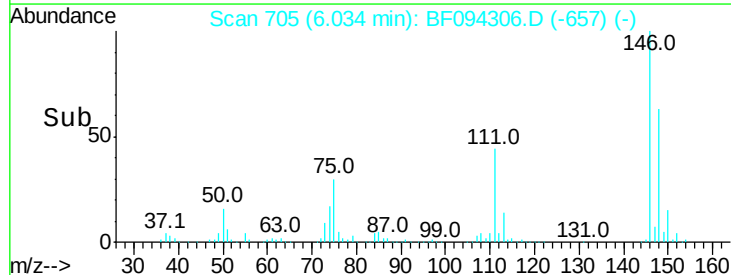
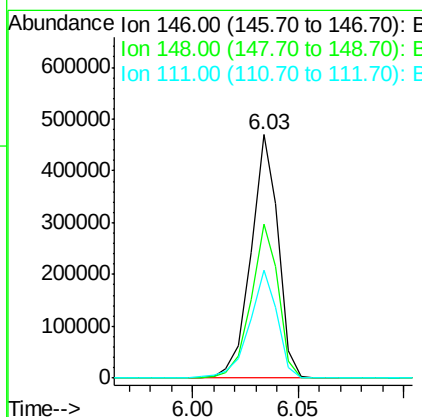
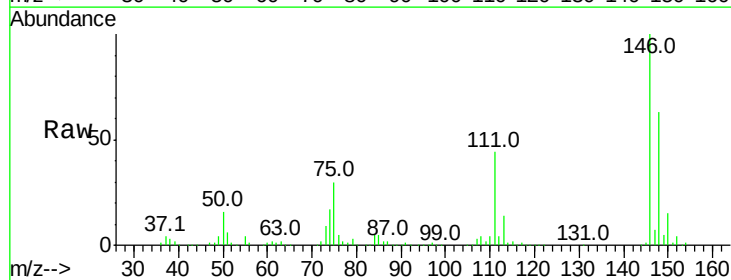
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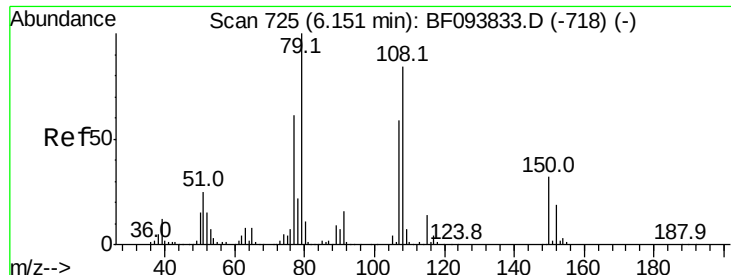
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 36.36 ng
 RT: 6.03 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	44.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 36.59 ng

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

PB98126BSD

Tot Ion: 79 Resp: 331886

Ion Ratio Lower Upper

79 100

108 81.5 63.4 95.0

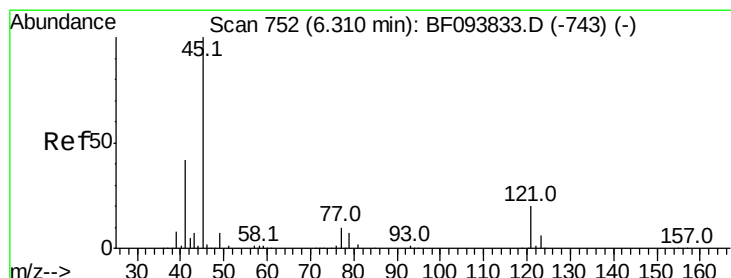
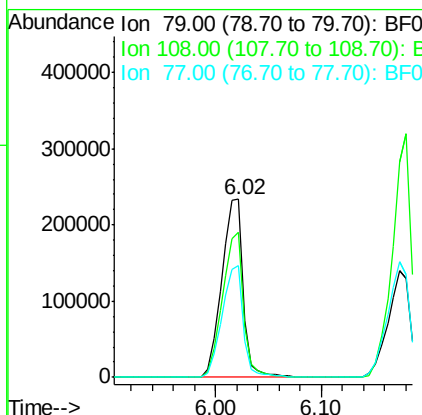
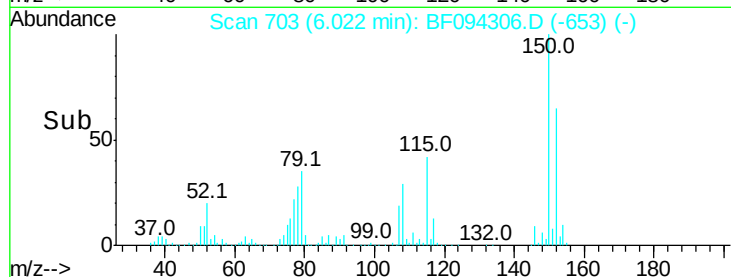
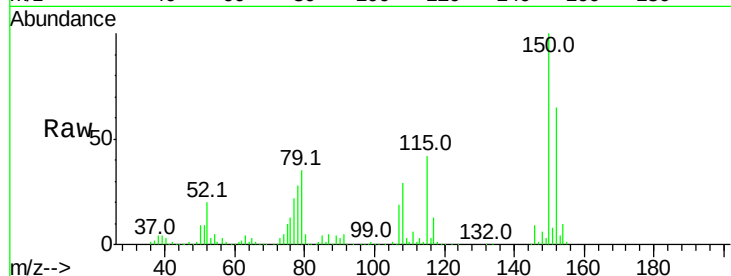
77 62.8 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.90 ng

RT: 6.17 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

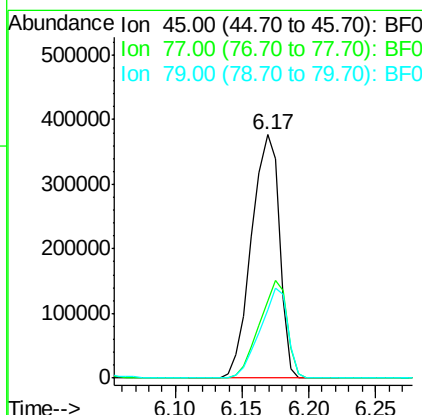
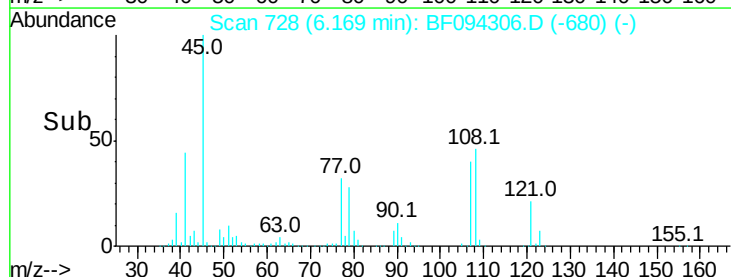
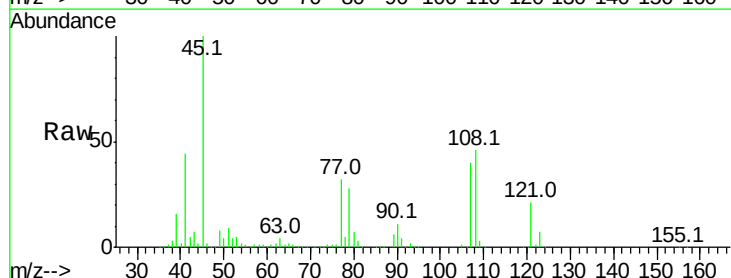
Tgt Ion: 45 Resp: 541648

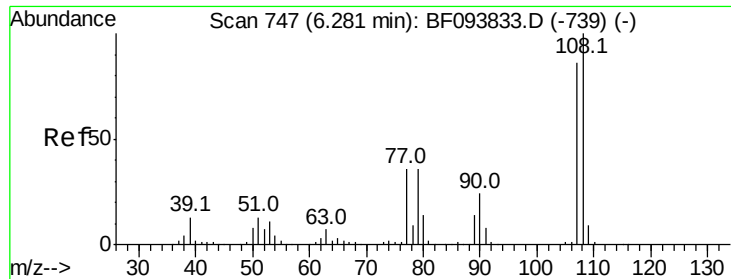
Ion Ratio Lower Upper

45 100

77 31.6 0.0 33.2

79 28.0 0.0 30.0





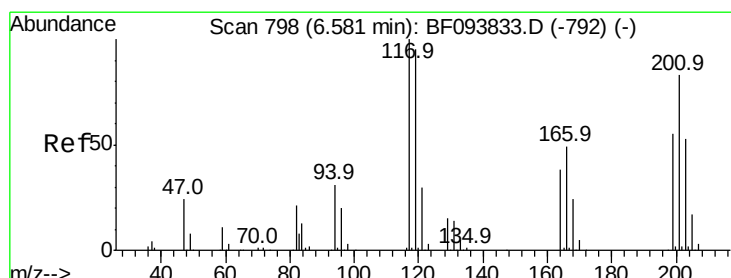
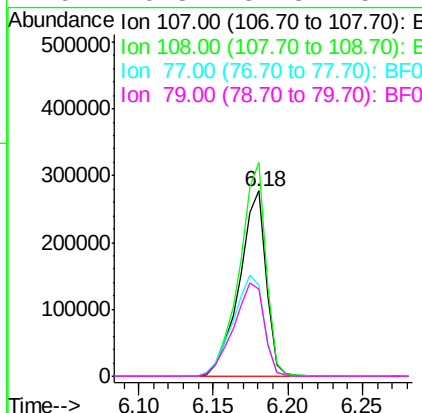
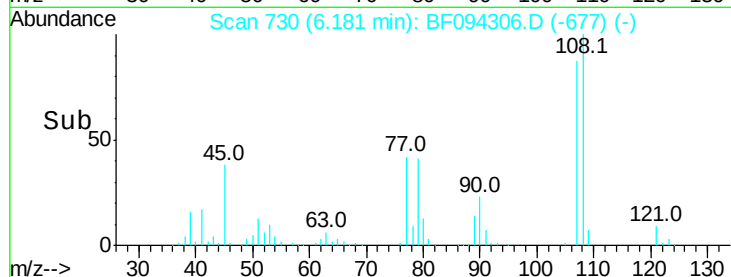
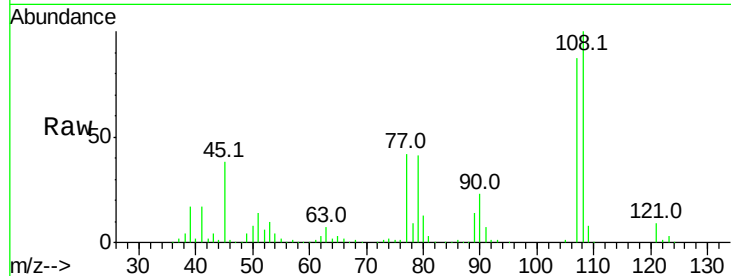
#17
2-Methylphenol
Concen: 36.51 ng
RT: 6.18 min Scan# 730
Delta R.T. 0.01 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Instrument :
BNA_F
ClientSampled :
PB98126BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.3	93.4	140.0	
77	48.8	35.8	53.6	
79	46.8	34.8	52.2	

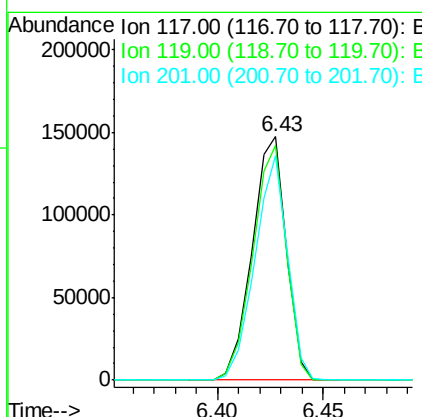
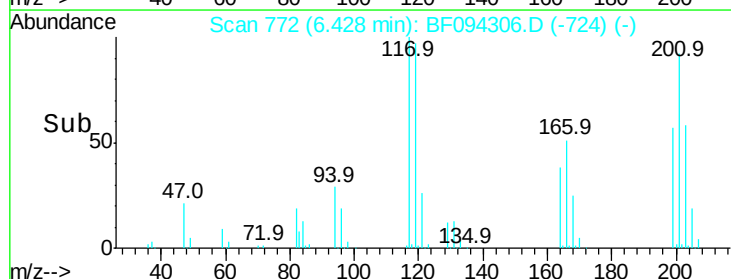
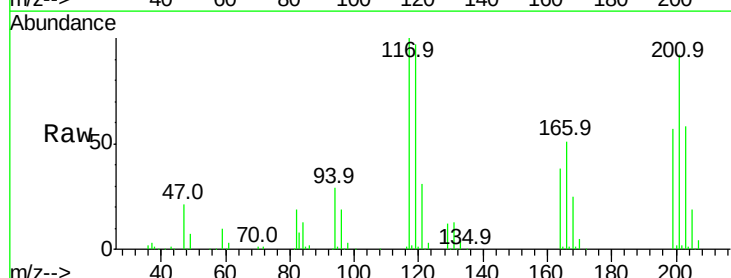
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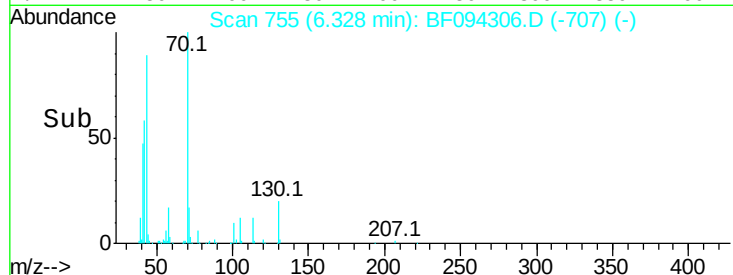
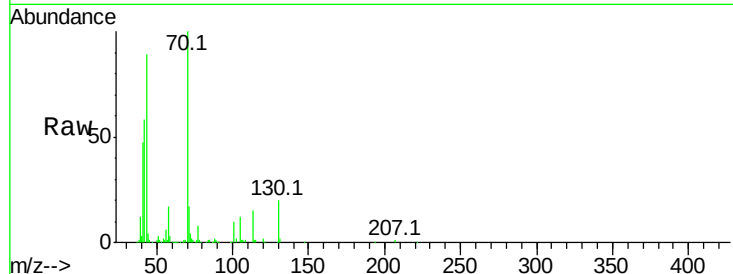
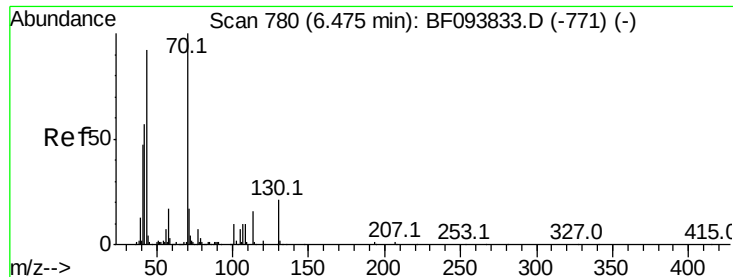
mohammad
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#18
Hexachloroethane
Concen: 37.65 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	77.4	116.0	
201	92.3	94.6	141.8#	





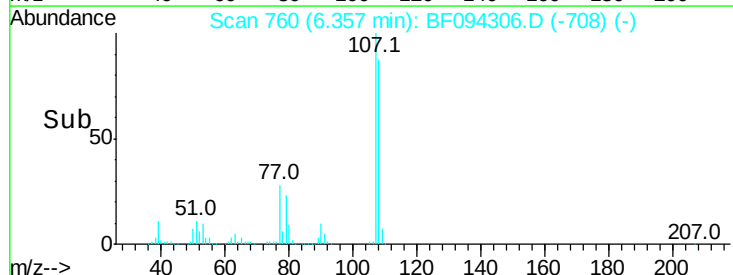
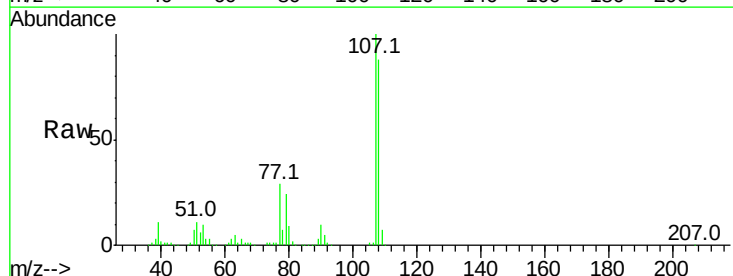
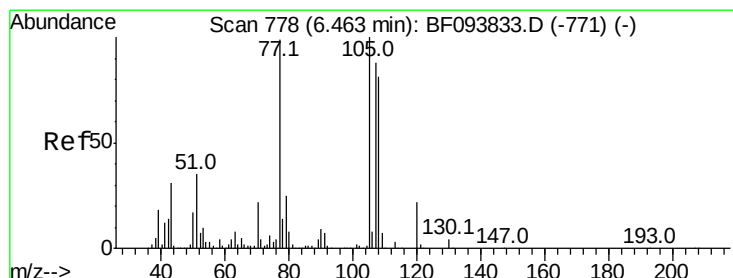
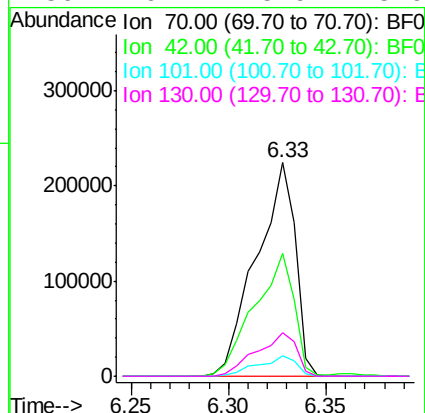
#19
n-Nitroso-di-n-propylamine
Concen: 38.91 ng
RT: 6.33 min Scan# 755
Delta R.T. -0.02 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Instrument :
BNA_F
ClientSampleId :
PB98126BSD

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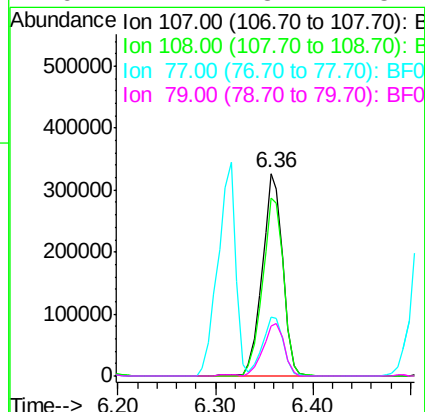
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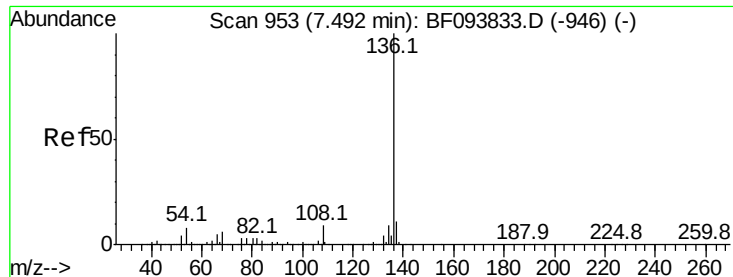
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	57.6	47.2	70.8		
101	9.5	7.2	10.8		
130	20.4	15.9	23.9		



#20
3+4-Methylphenols
Concen: 42.59 ng
RT: 6.36 min Scan# 760
Delta R.T. 0.01 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.7	71.0	111.0		
77	29.2	90.5	130.5#		
79	24.4	8.4	48.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.35 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

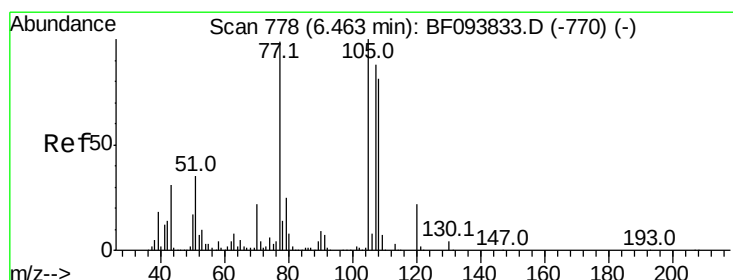
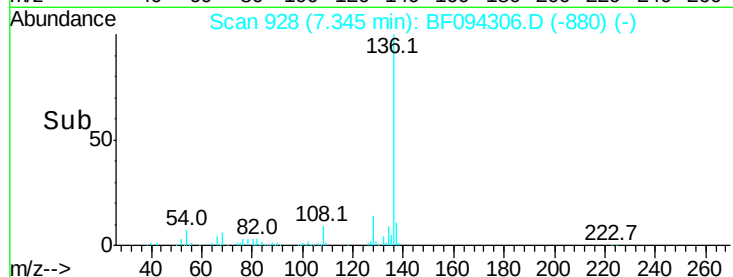
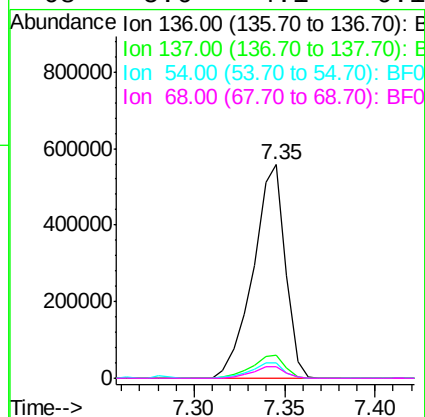
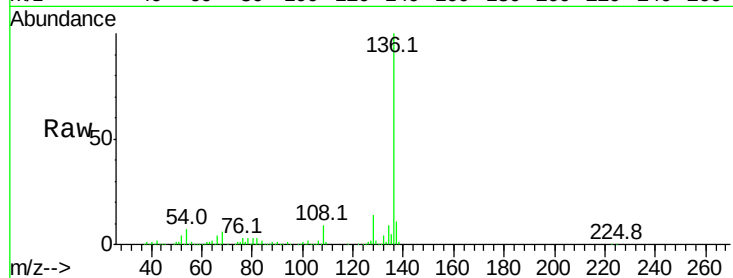
ClientSampleId :

PB98126BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	684711		
137	10.6		8.5	12.7
54	7.0		4.9	7.3
68	5.6		4.1	6.1

Manual Integrations
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#22

Acetophenone

Concen: 38.98 ng

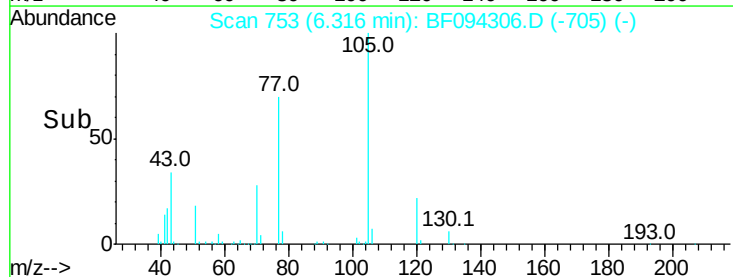
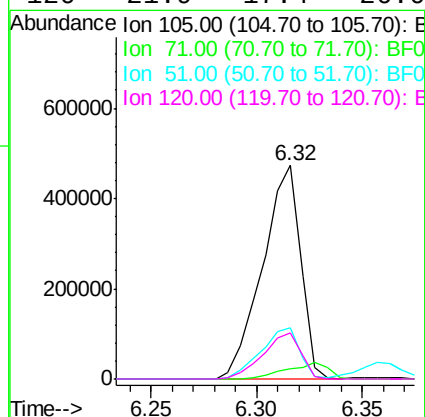
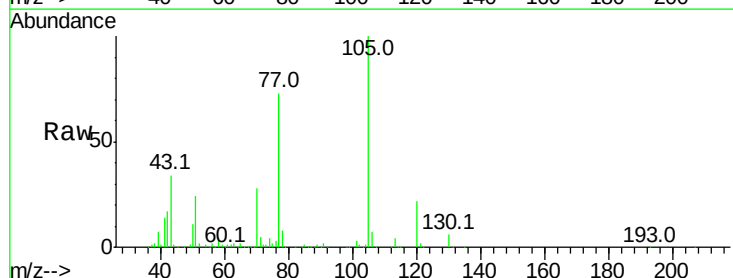
RT: 6.32 min Scan# 753

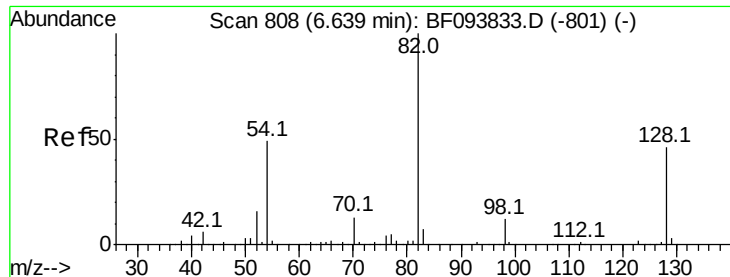
Delta R.T. -0.02 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	594836		
71	4.6		2.8	4.2#
51	24.1		30.7	46.1#
120	21.9		17.4	26.0





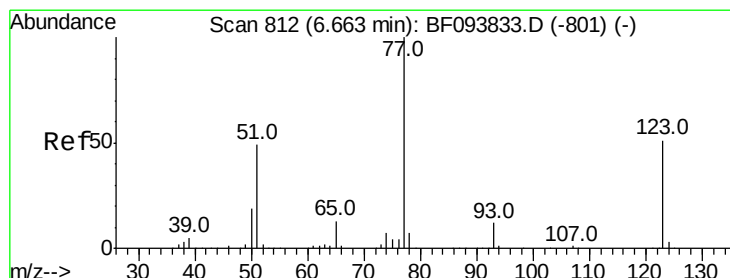
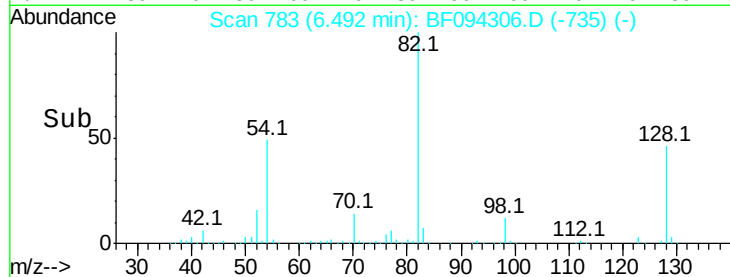
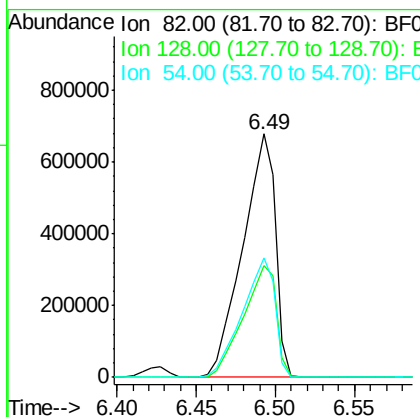
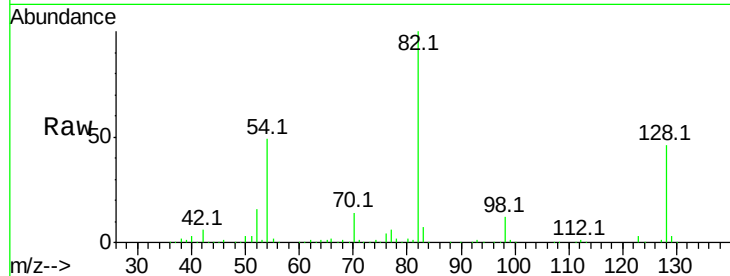
#23
 Nitrobenzene-d5
 Concen: 80.90 ng
 RT: 6.49 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98126BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	49.0	42.2	63.2

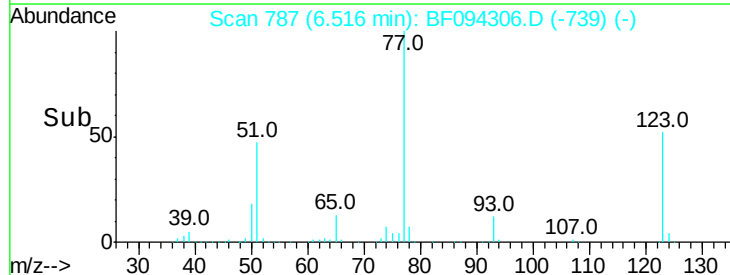
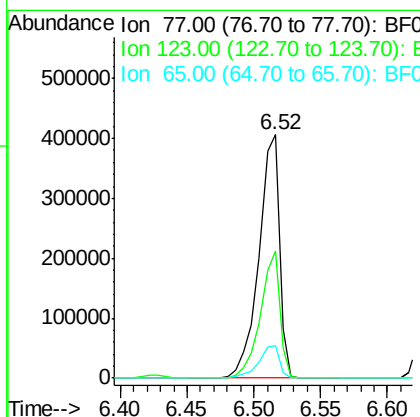
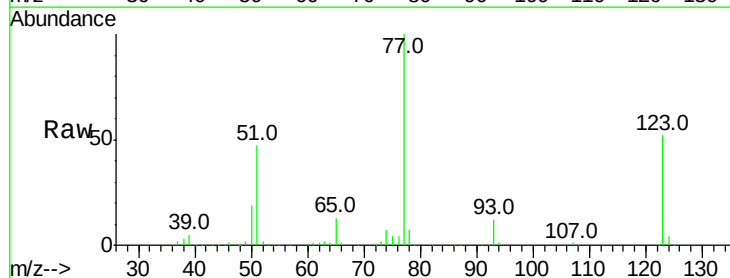
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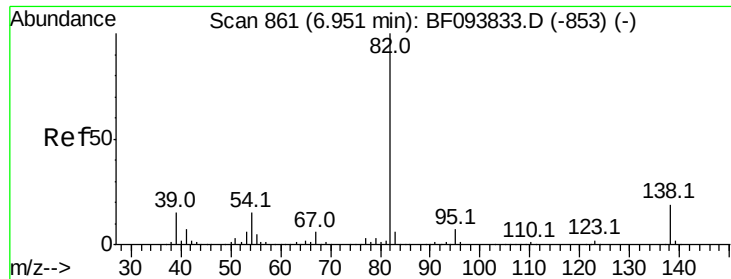
mohammad
 4/11/2017 12:52:59 PM



#24
 Nitrobenzene
 Concen: 36.48 ng
 RT: 6.52 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.0	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 37.24 ng

RT: 6.80 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

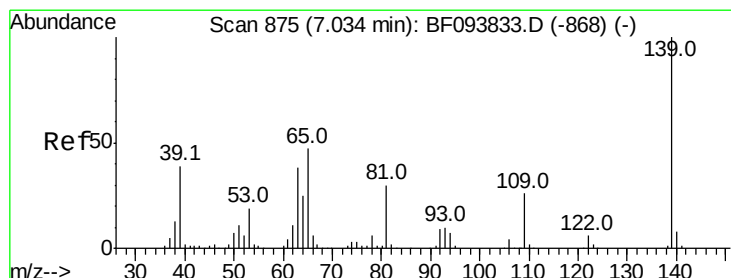
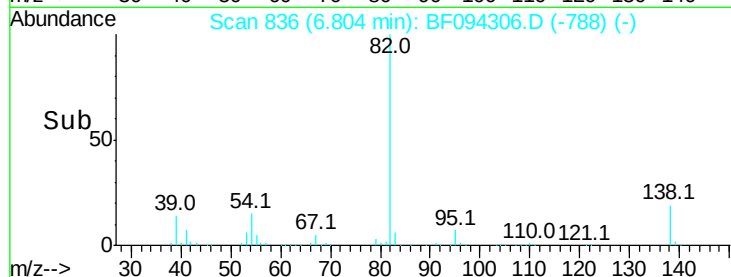
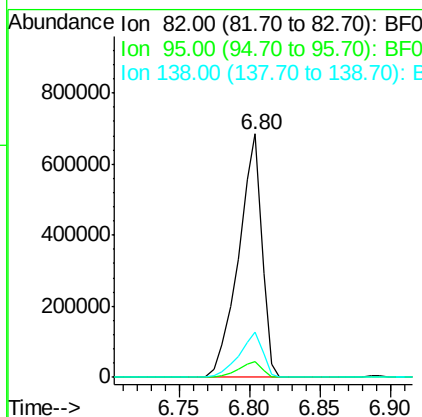
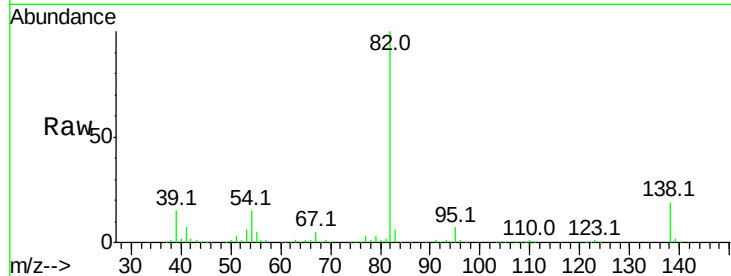
ClientSampleId :

PB98126BSD

Tot Ion:	82	Resp:	785154
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.3	7.9
138	18.6	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.64 ng

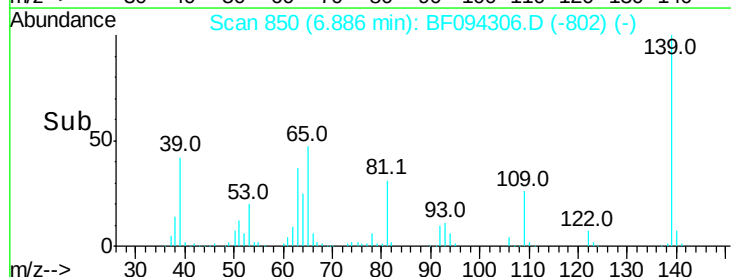
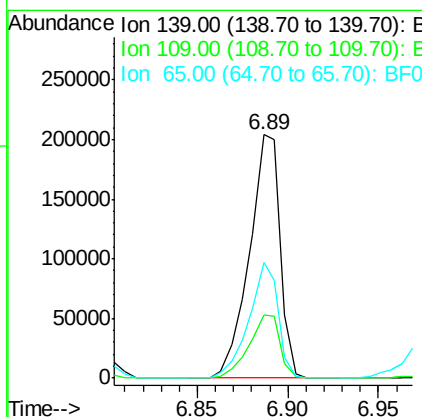
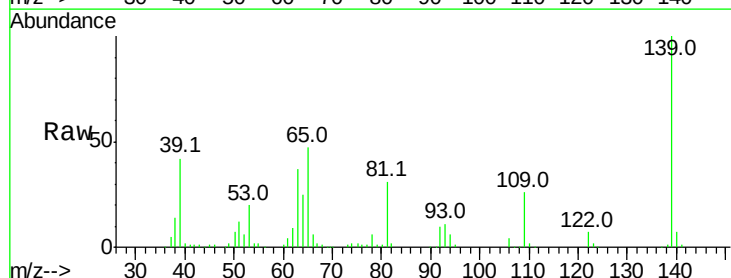
RT: 6.89 min Scan# 850

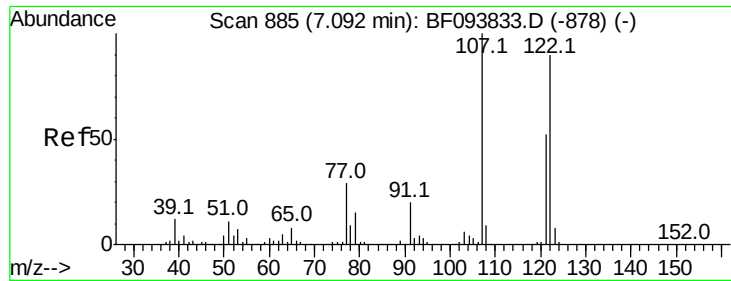
Delta R.T. -0.02 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Tgt Ion:	139	Resp:	240631
Ion Ratio		Lower	Upper
139	100		
109	25.9	21.0	31.6
65	47.5	33.0	49.6





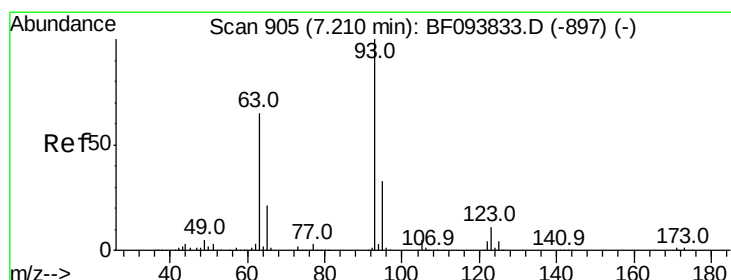
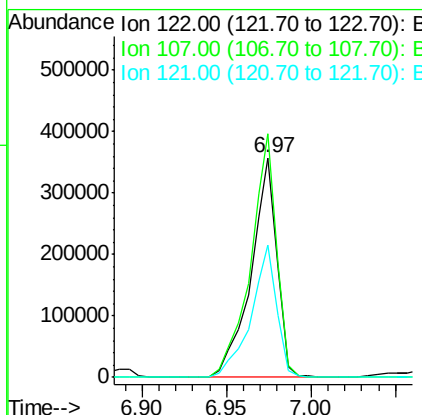
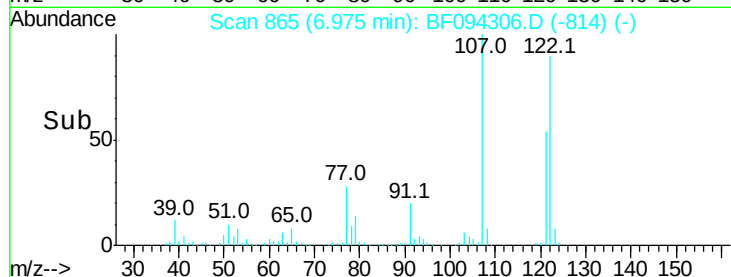
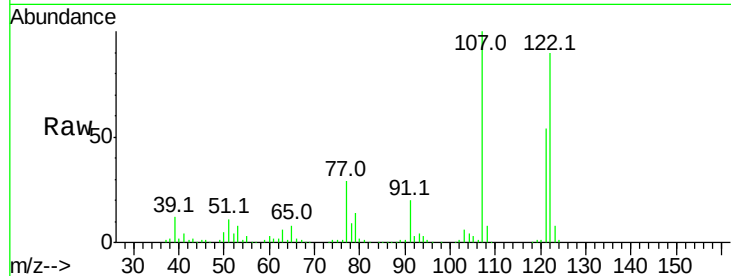
#27
2,4-Dimethylphenol
Concen: 39.59 ng
RT: 6.97 min Scan# 865
Delta R.T. -0.00 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Instrument :
BNA_F
ClientSampleId :
PB98126BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	384992		
107	110.7	89.2	133.8	
121	60.0	45.2	67.8	

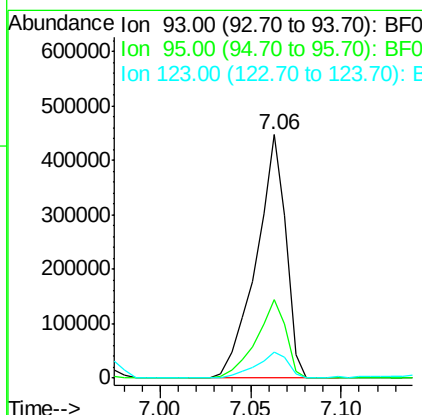
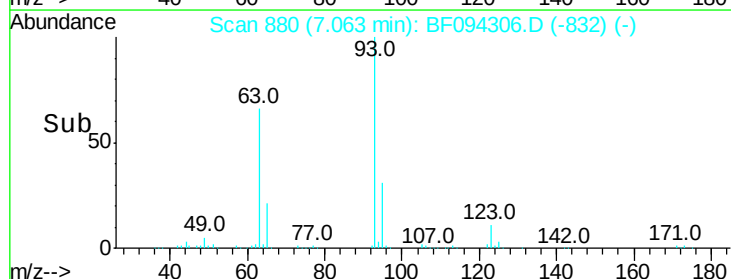
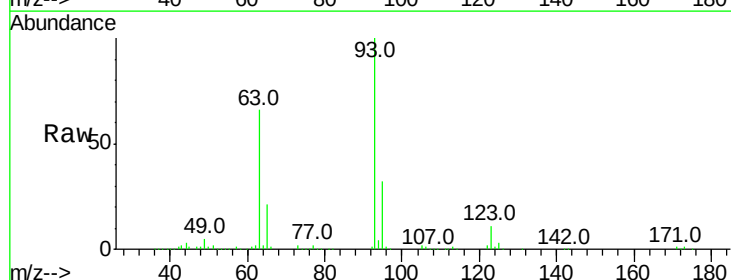
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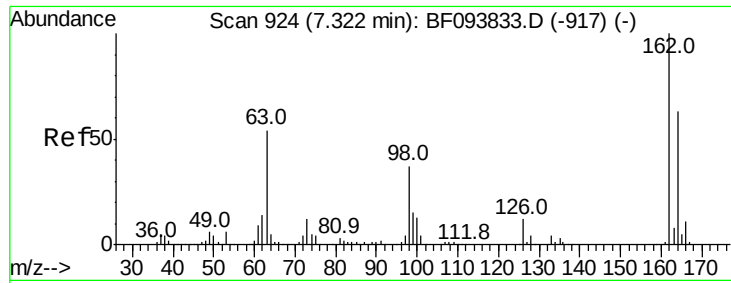
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.54 ng
RT: 7.06 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	508034		
95	32.1	26.5	39.7	
123	10.8	9.0	13.4	





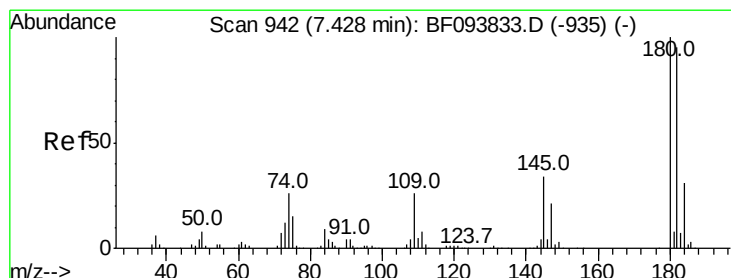
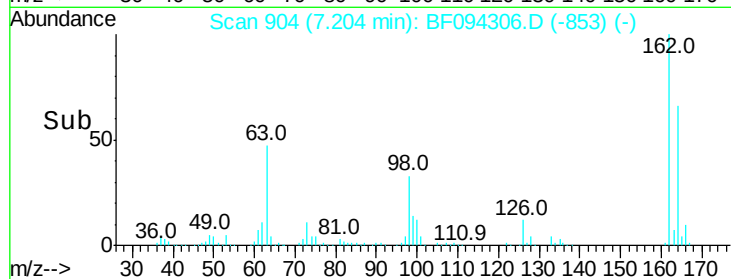
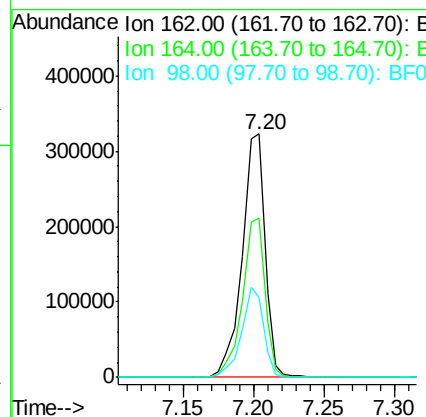
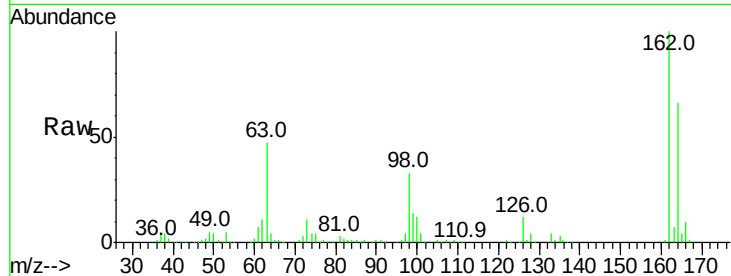
#29
 2,4-Dichlorophenol
 Concen: 40.32 ng
 RT: 7.20 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98126BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	366539		
164	65.6		44.6	84.6
98	32.9		14.8	54.8

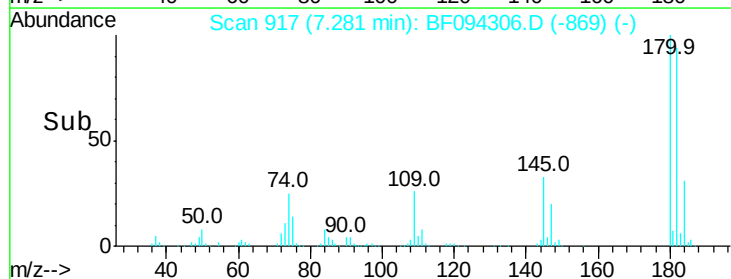
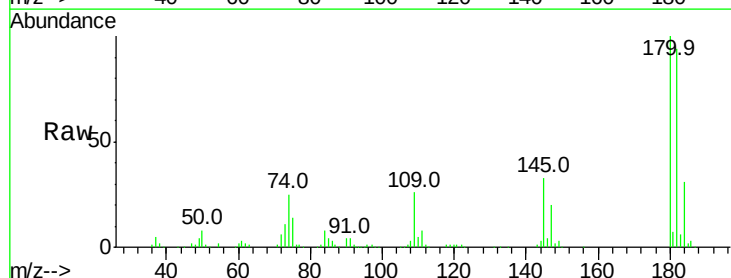
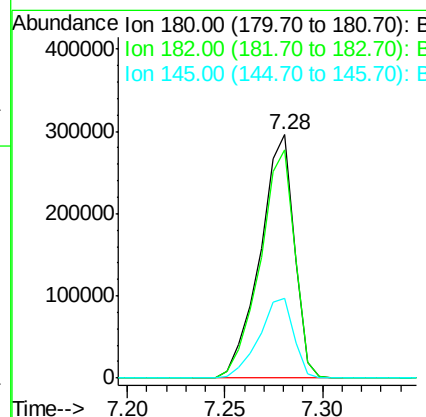
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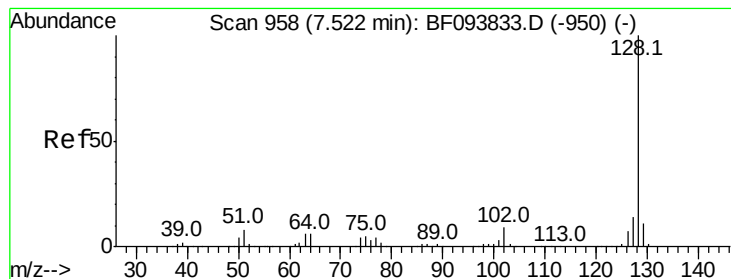
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.46 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	360122		
182	93.5		75.8	113.6
145	32.9		25.3	37.9





#31

Naphthalene

Concen: 37.03 ng

RT: 7.37 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

PB98126BSD

Tot Ion:128 Resp: 1219305

Ion Ratio Lower Upper

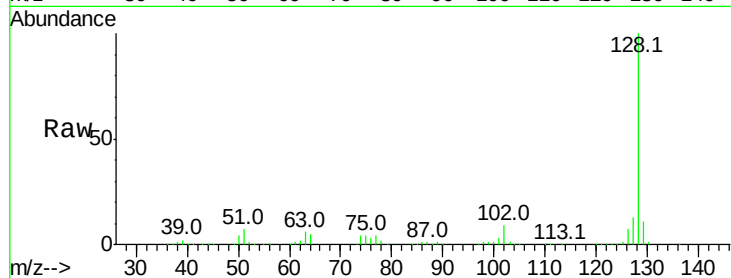
128 100

129 11.0 9.0 13.6

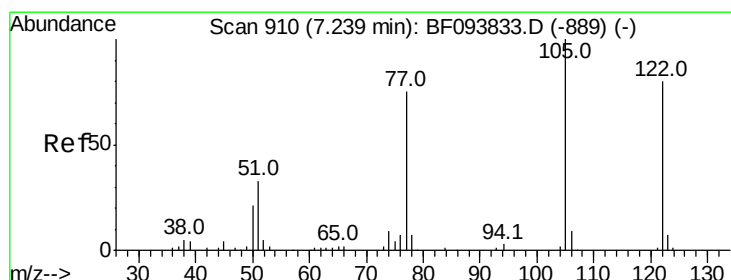
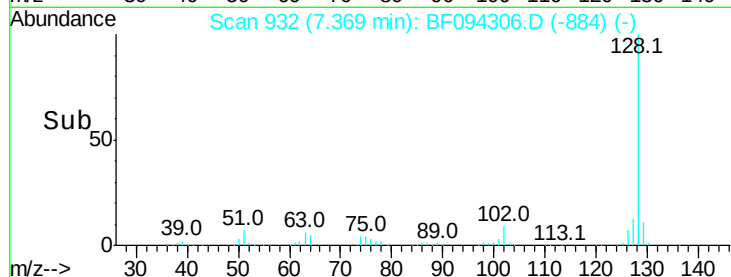
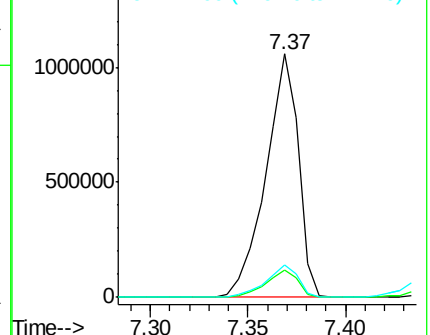
127 13.4 10.8 16.2

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



#32

Benzoic acid

Concen: 28.22 ng

RT: 7.15 min Scan# 894

Delta R.T. -0.00 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

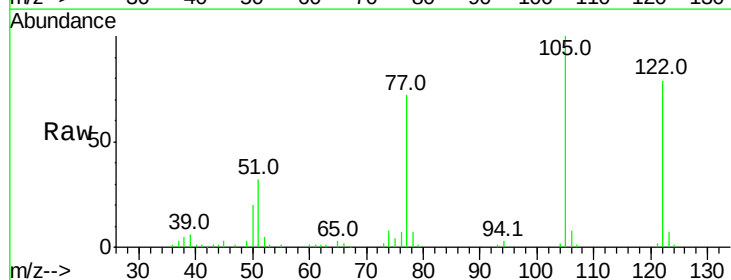
Tgt Ion:122 Resp: 182694

Ion Ratio Lower Upper

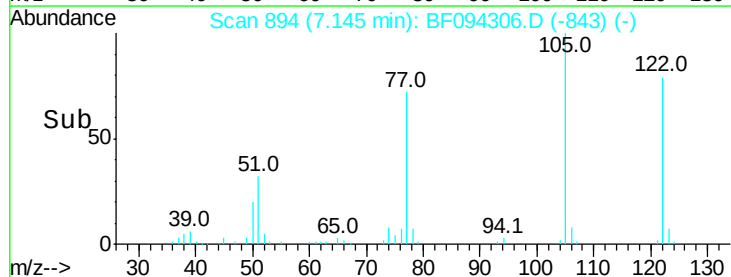
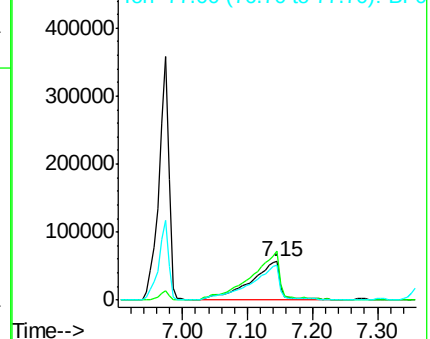
122 100

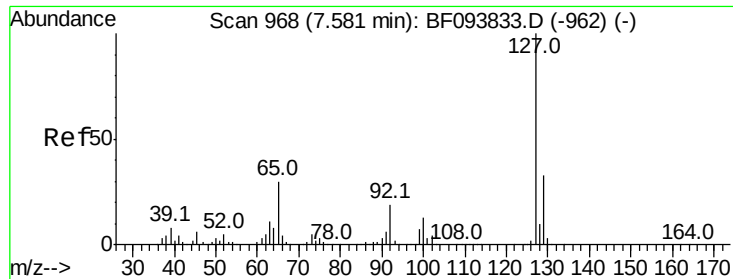
105 126.4 103.3 143.3

77 91.1 73.7 113.7



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





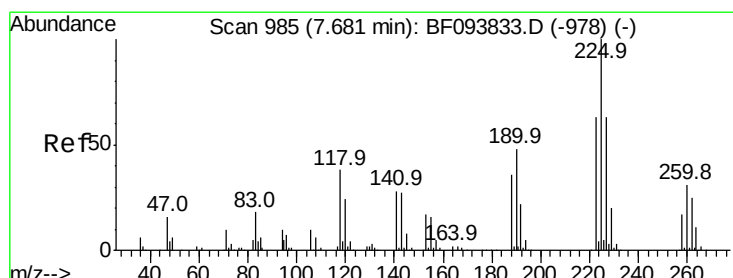
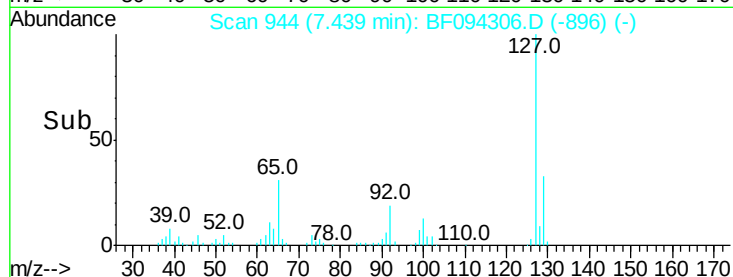
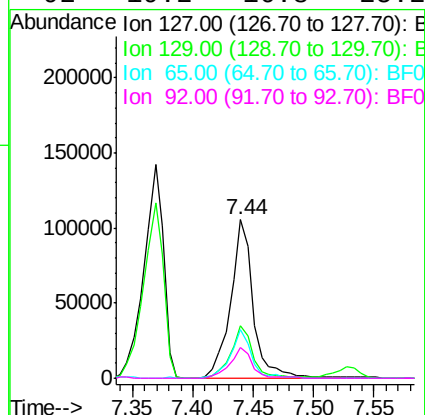
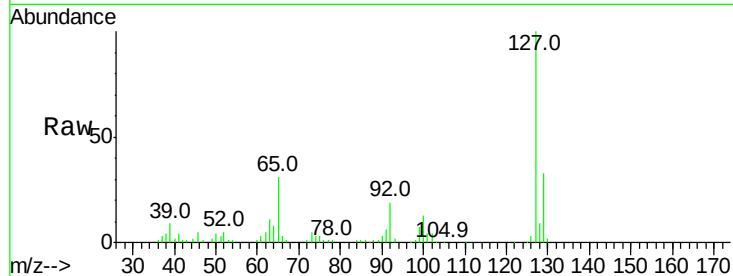
#33
4-Chloroaniline
Concen: 10.36 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Instrument :
BNA_F
ClientSampleId :
PB98126BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.3	26.2	39.2		
65	31.1	27.8	41.8		
92	19.2	16.8	25.2		

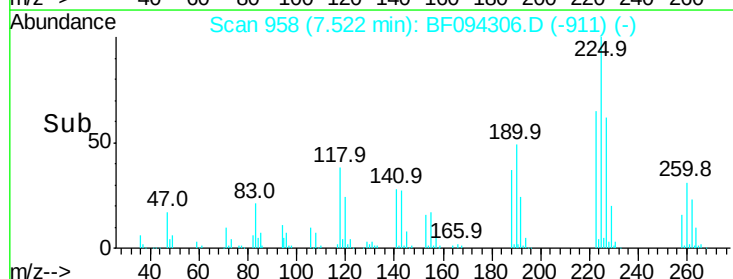
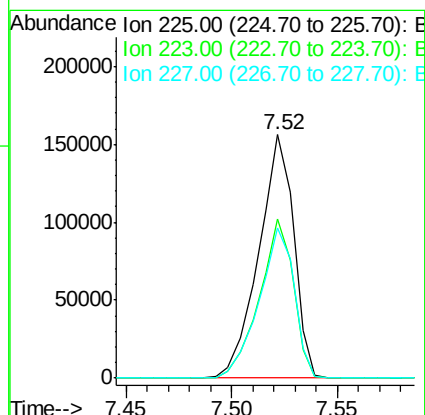
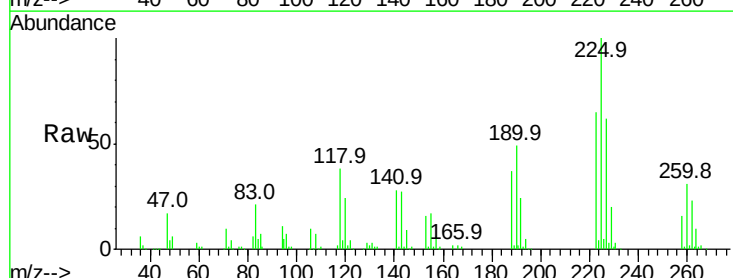
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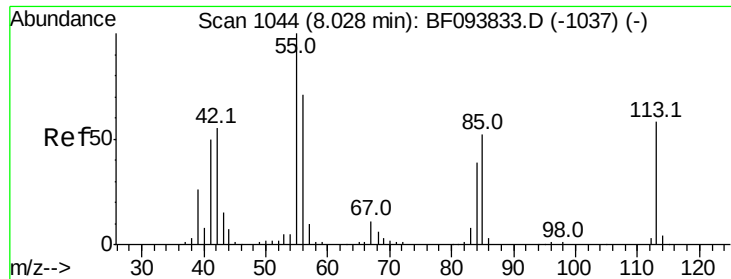
mohammad
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#34
Hexachlorobutadiene
Concen: 37.50 ng
RT: 7.52 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.5	48.8	73.2		
227	61.6	51.1	76.7		





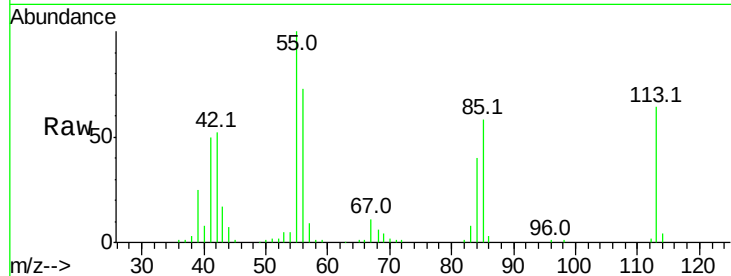
#35
 Caprolactam
 Concen: 40.37 ng/ml
 RT: 7.89 min Scan# 1021
 Delta R.T. -0.02 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleID :
 PB98126BSD

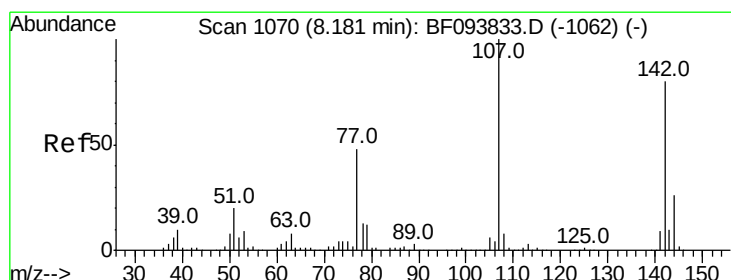
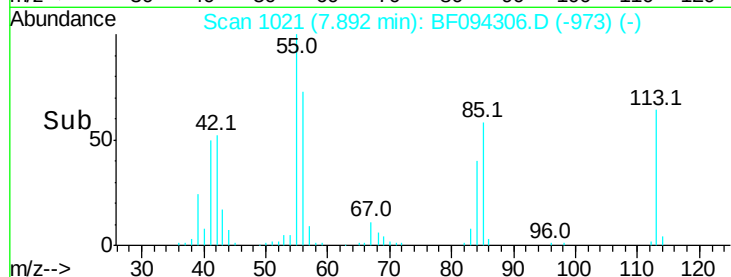
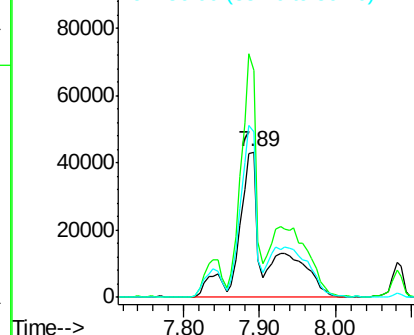
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	155.4	150.2	190.2		
56	113.5	107.8	147.8		

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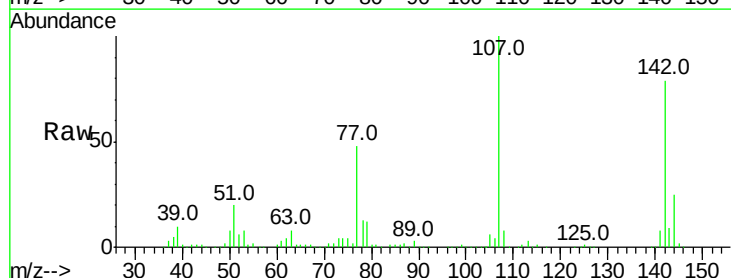


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

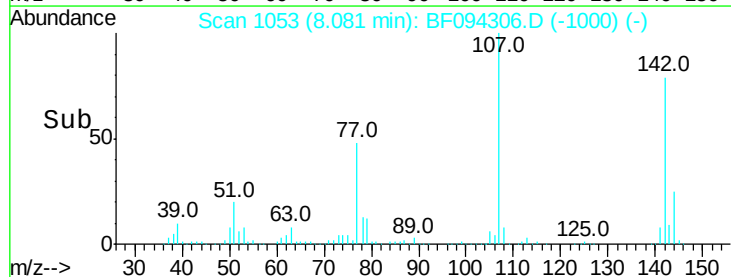
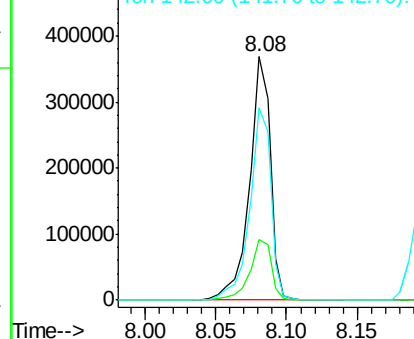


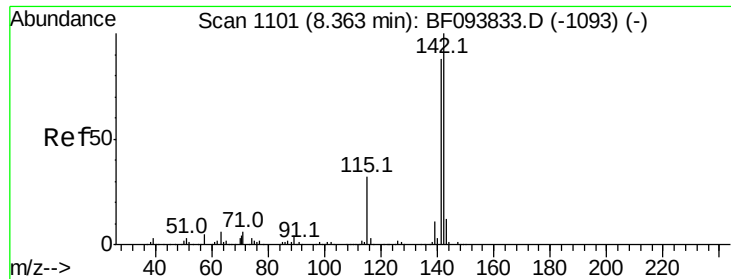
#36
 4-Chloro-3-methylphenol
 Concen: 40.15 ng/ml
 RT: 8.08 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.1	24.2	36.4		
142	79.1	73.4	110.0		



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.94 ng

RT: 8.22 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

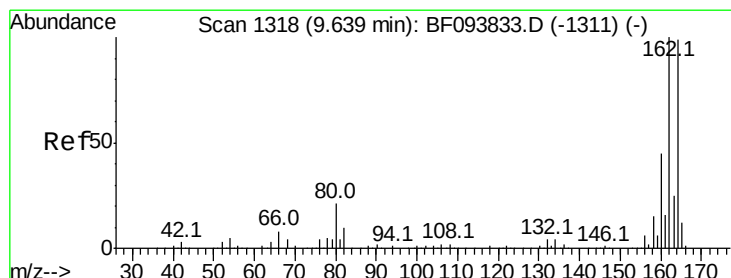
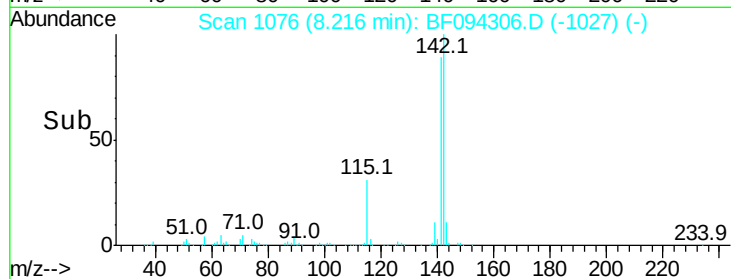
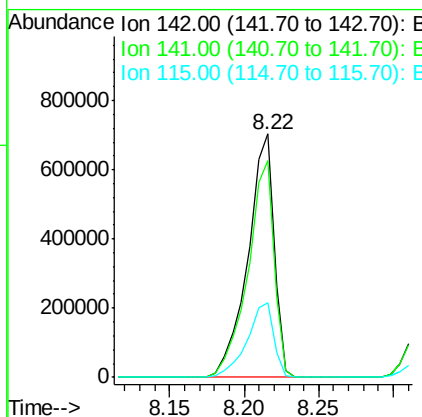
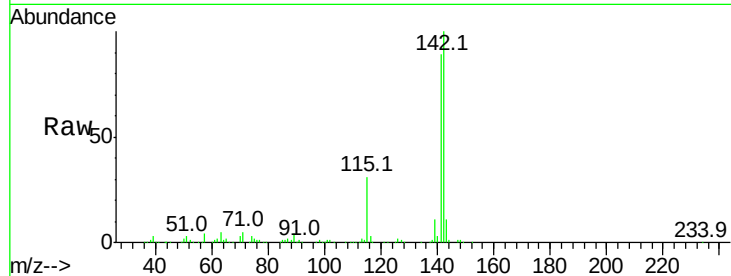
Instrument :
BNA_F

ClientSampleId :
PB98126BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	854667		
141	88.8	71.3	106.9	
115	30.7	27.1	40.7	

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#38

Acenaphthene-d10

Concen: 20.00 ng

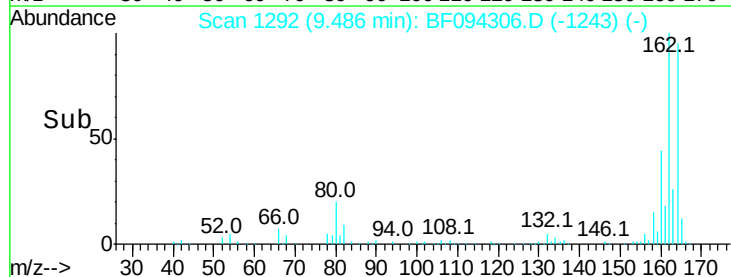
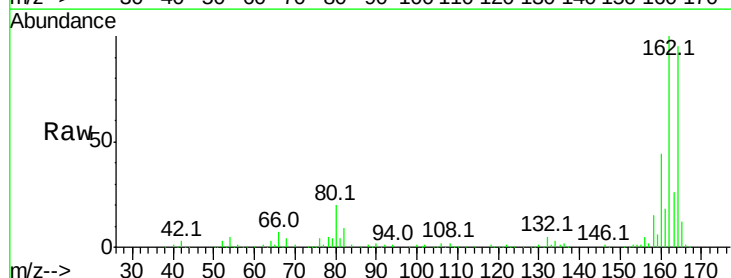
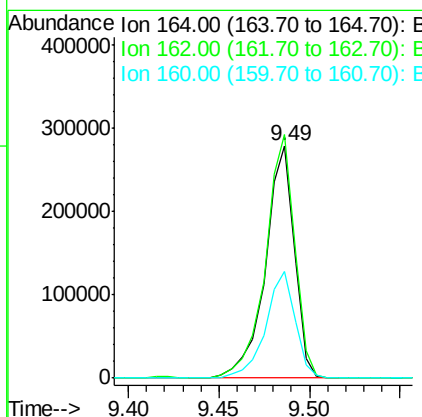
RT: 9.49 min Scan# 1292

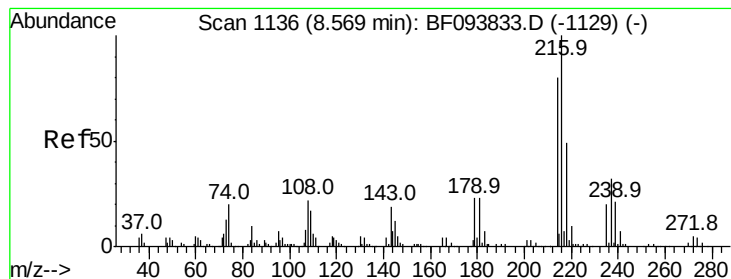
Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	309384		
162	104.9	82.6	123.8	
160	46.2	36.2	54.2	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.61 ng

RT: 8.42 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

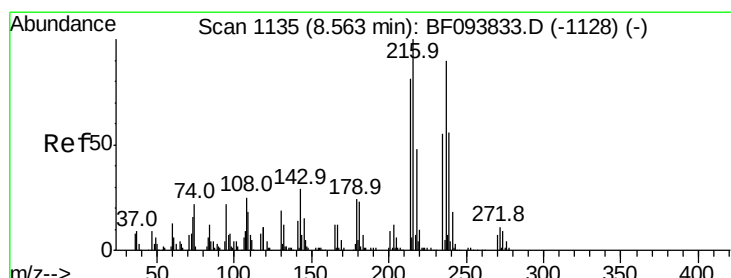
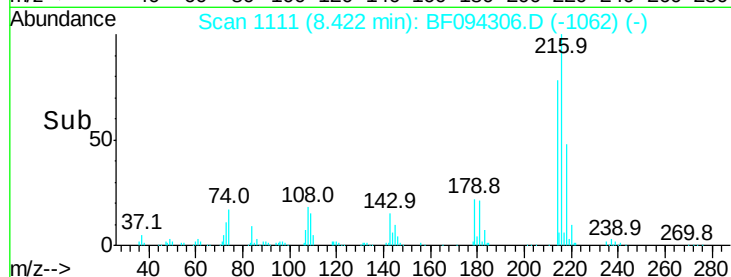
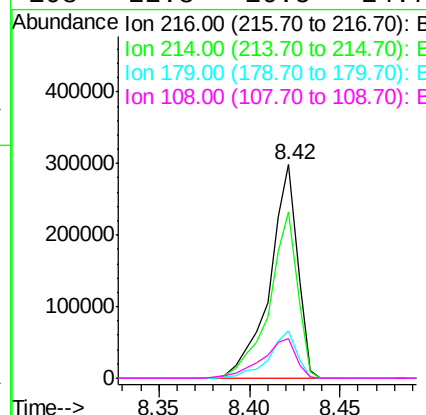
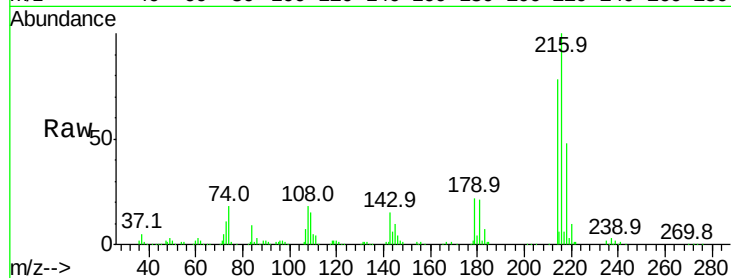
ClientSampleId :

PB98126BSD

Tot Ion	Ratio	Resp	Lower	Upper
216	100	318349		
214	78.4	63.4	95.2	
179	22.1	17.9	26.9	
108	22.8	16.5	24.7	

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#40

Hexachlorocyclopentadiene

Concen: 77.98 ng

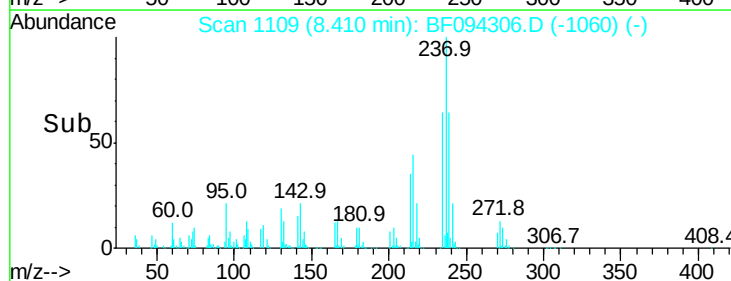
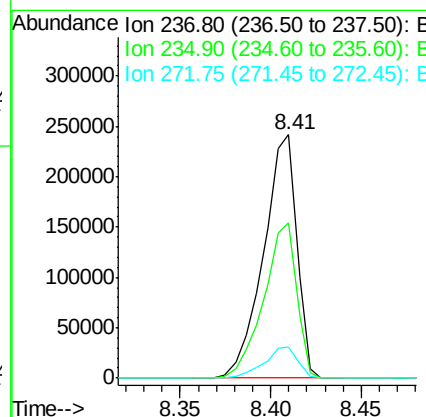
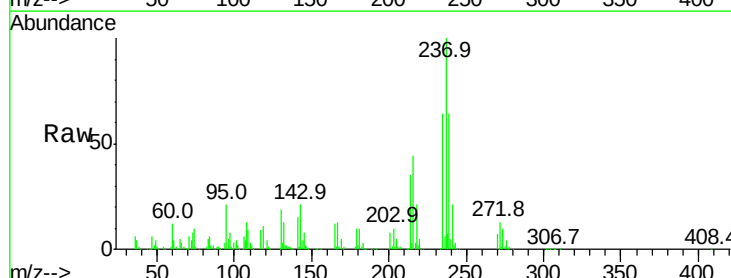
RT: 8.41 min Scan# 1109

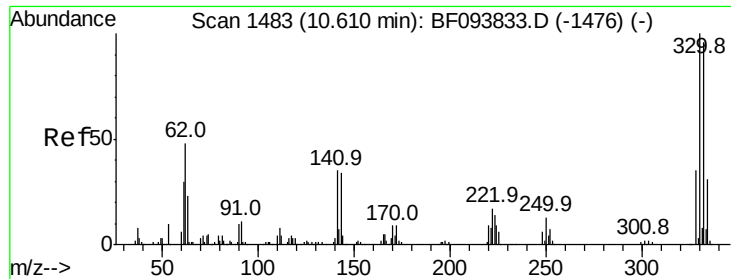
Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	308834		
235	63.8	42.6	82.6	
272	13.0	0.0	31.9	





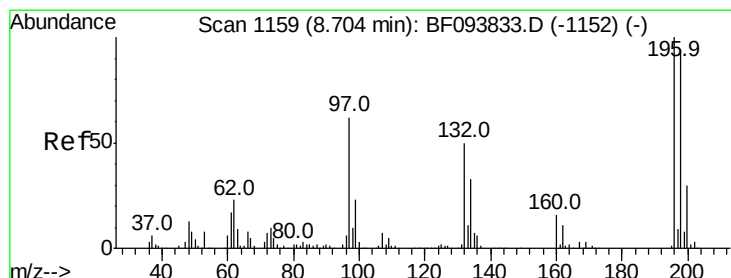
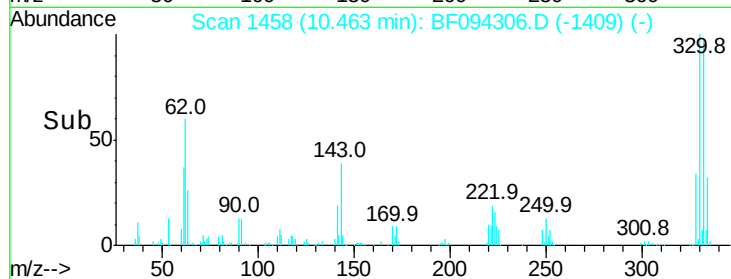
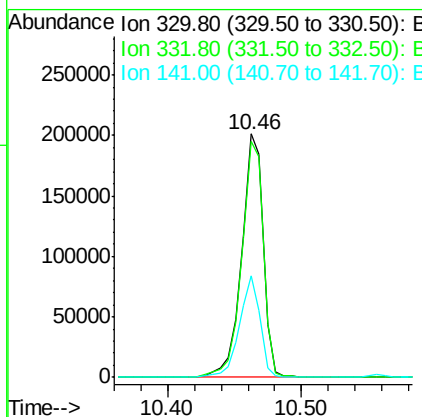
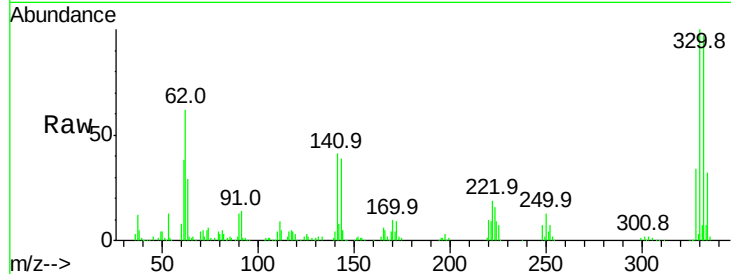
#41
 2,4,6-Tribromophenol
 Concen: 91.72 ng
 RT: 10.46 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleID :
 PB98126BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	224245		
332	98.4	76.6	115.0	
141	40.2	31.4	47.2	

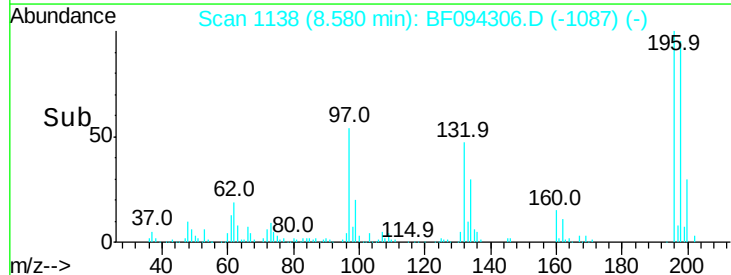
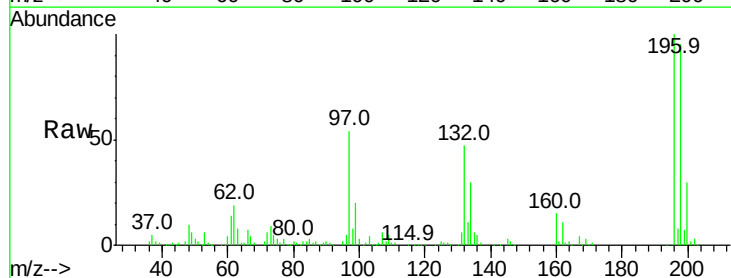
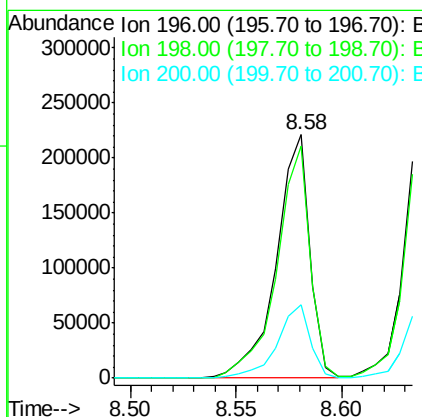
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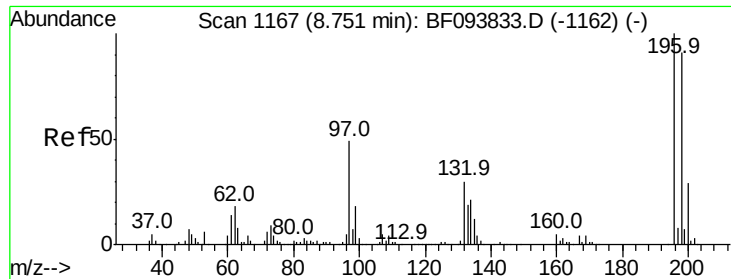
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#42
 2,4,6-Trichlorophenol
 Concen: 40.93 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245080		
198	95.1	74.2	111.4	
200	30.3	24.0	36.0	





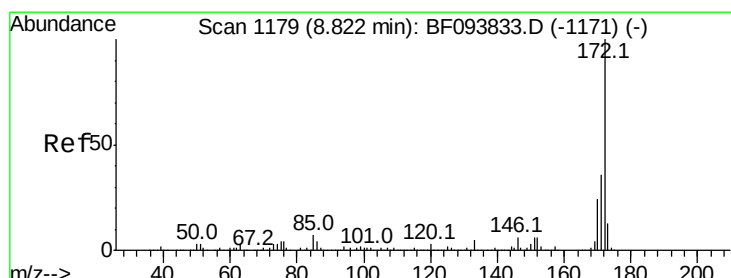
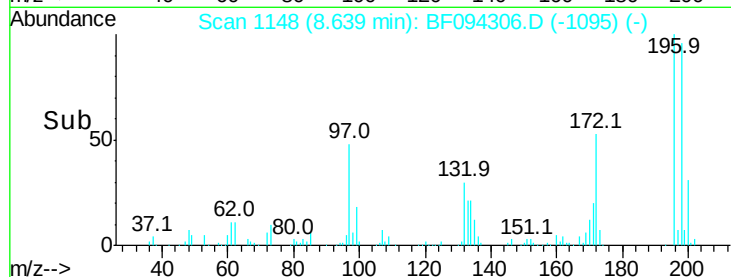
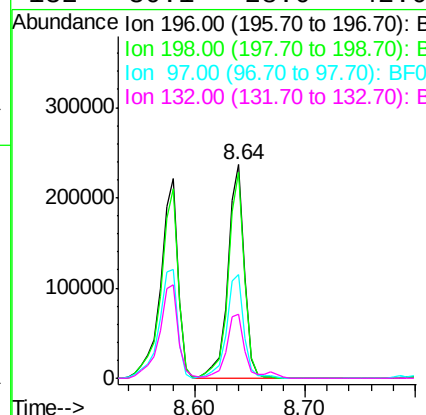
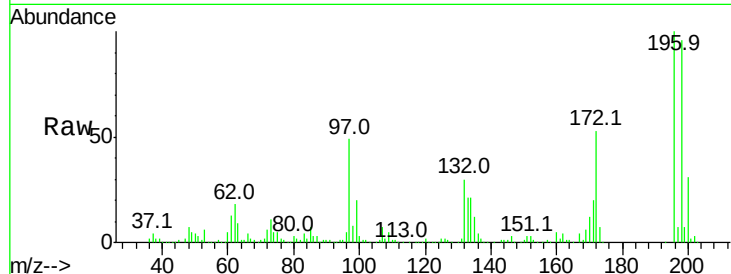
#43
 2,4,5-Trichlorophenol
 Concen: 37.97 ng
 RT: 8.64 min Scan# 1148
 Delta R.T. 0.01 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98126BSD

Tot Ion	196	Resp	246050
Ion Ratio	Lower	Upper	
196	100		
198	96.3	75.7	113.5
97	48.5	47.7	71.5
132	30.1	28.0	42.0

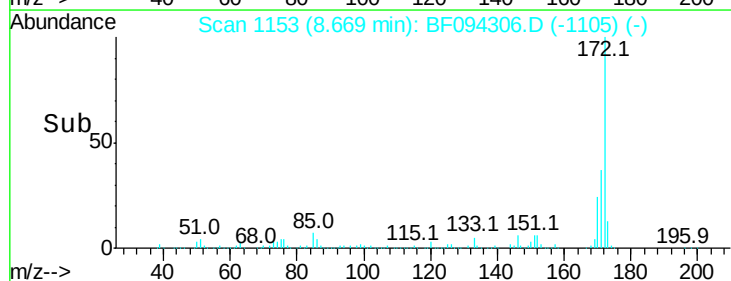
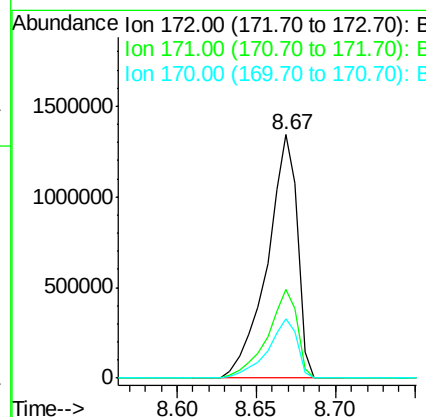
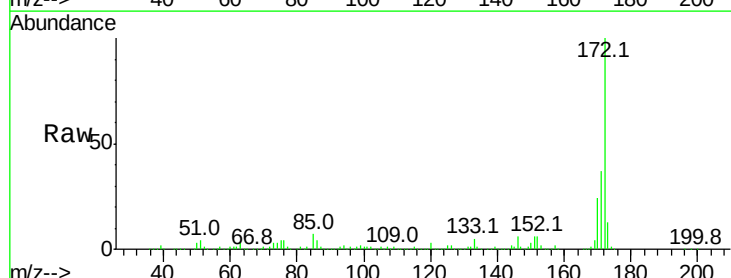
Manual Integrations
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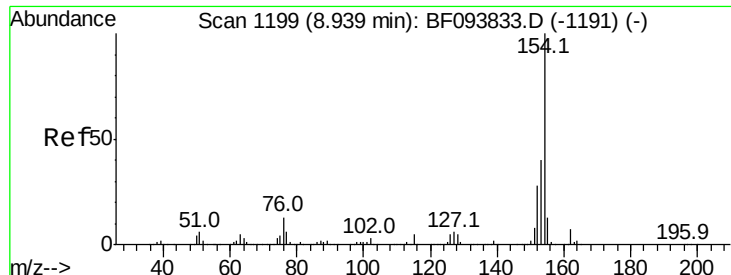
mohammad
 4/11/2017 12:52:59 PM



#44
 2-Fluorobiphenyl
 Concen: 87.76 ng
 RT: 8.67 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion	172	Resp	1780129
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.6	44.4
170	24.3	19.8	29.8





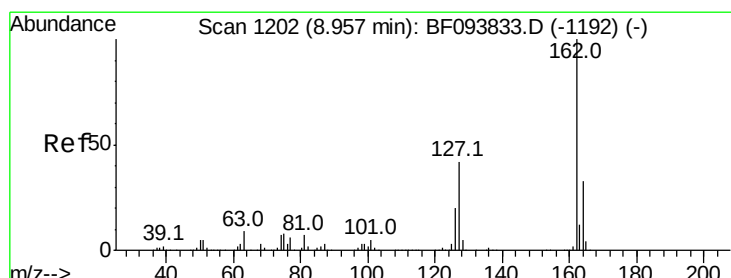
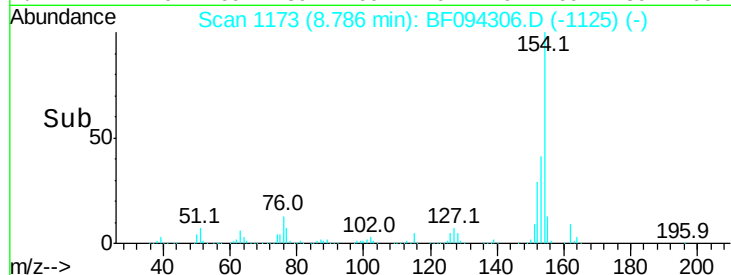
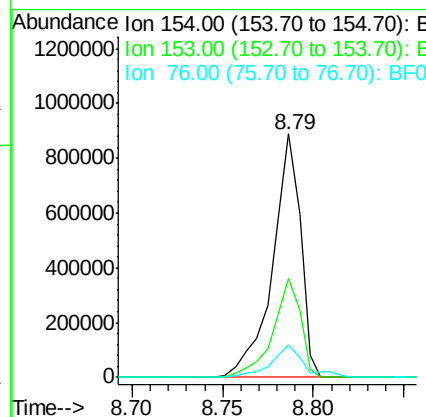
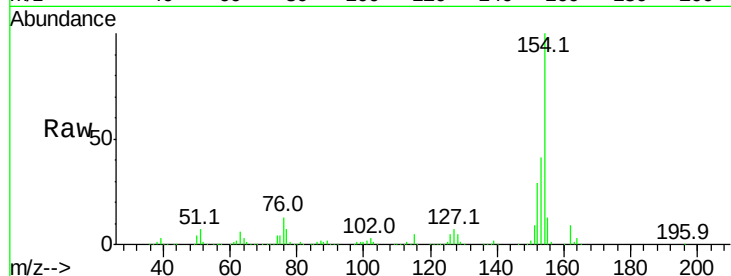
#45
 1,1'-Biphenyl
 Concen: 38.04 ng
 RT: 8.79 min Scan# 1173
 Delta R.T. -0.02 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98126BSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.8	21.2	61.2
76	13.2	0.0	29.9

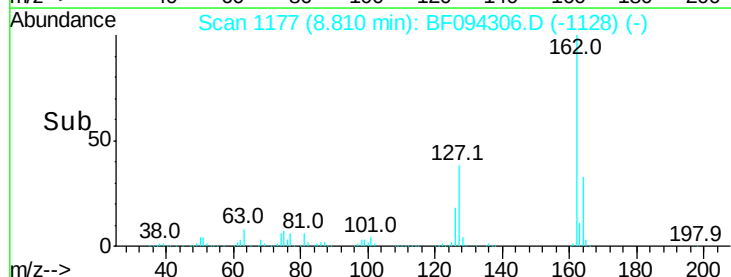
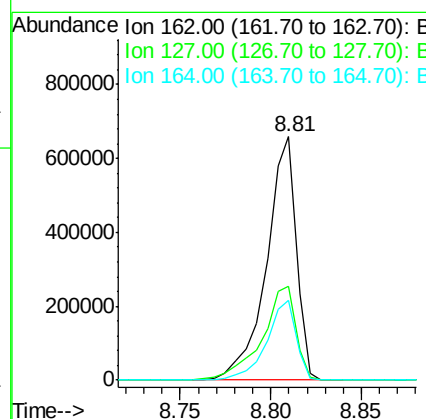
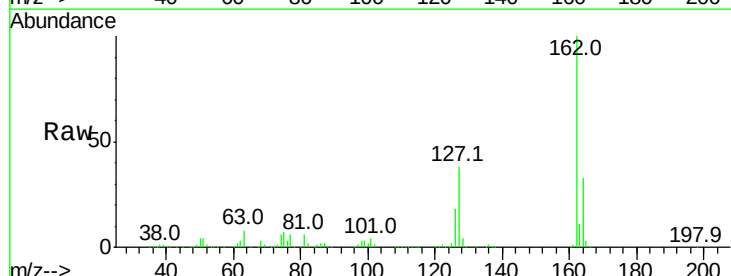
Manual Integrations
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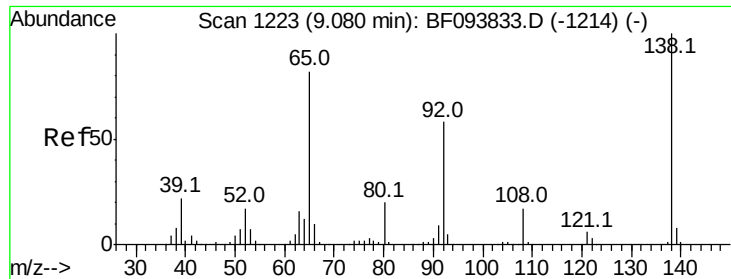
mohammad
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#46
 2-Chloronaphthalene
 Concen: 38.65 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	38.5	28.3	42.5
164	32.6	27.0	40.4





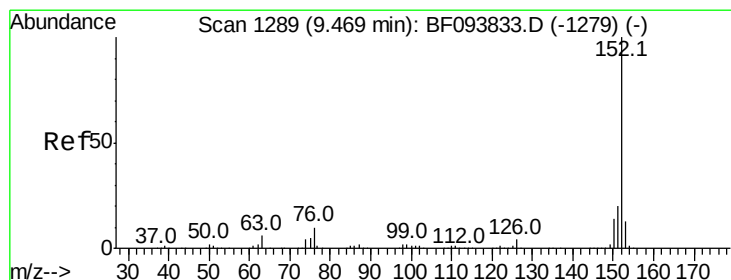
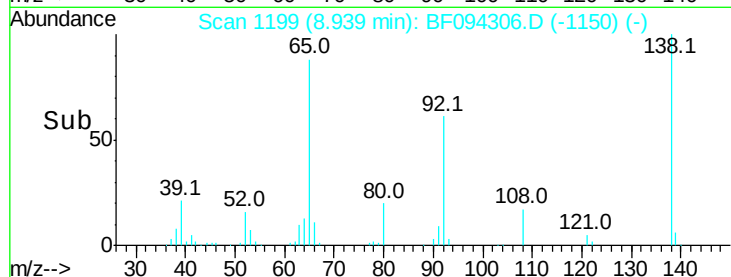
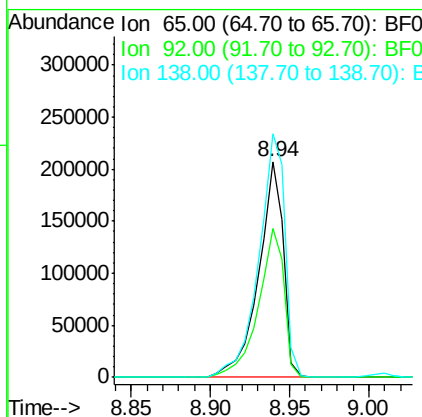
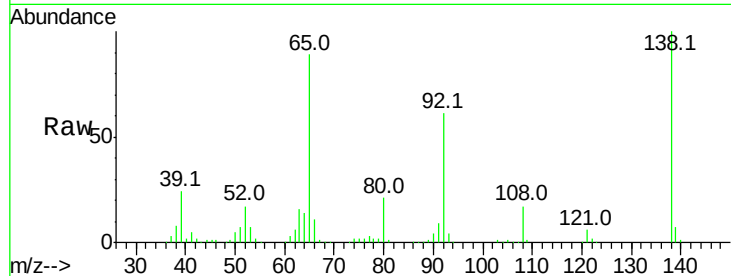
#47
 2-Nitroaniline
 Concen: 39.05 ng
 RT: 8.94 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98126BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.9	53.9	80.9
138	112.8	78.8	118.2

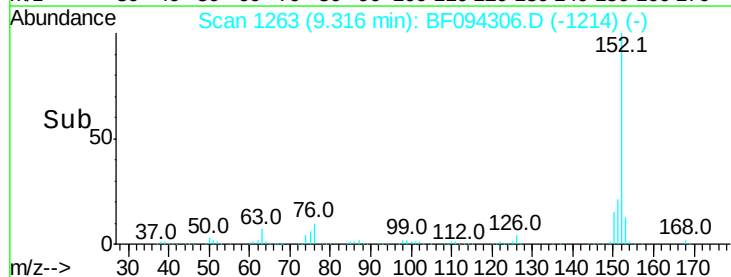
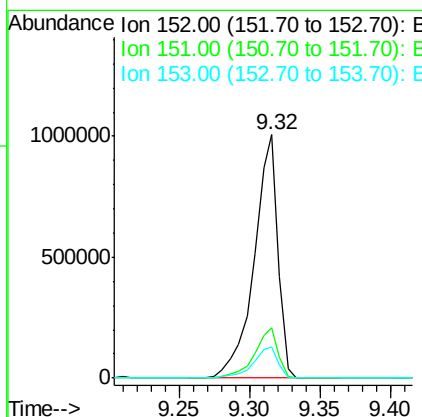
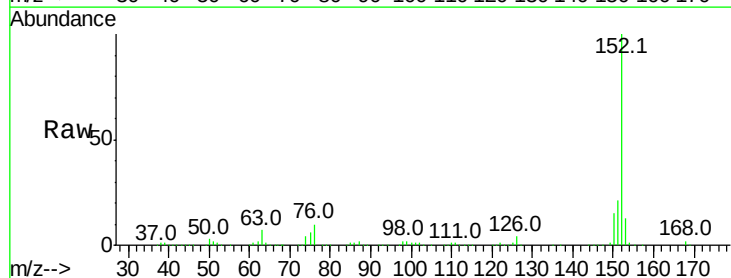
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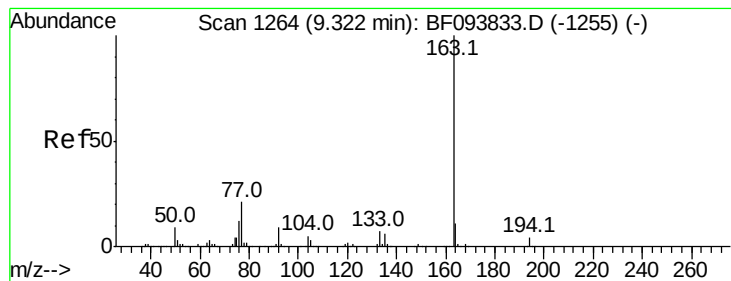
mohammad
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#48
 Acenaphthylene
 Concen: 36.62 ng
 RT: 9.32 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.0	10.8	16.2





#49

Dimethylphthalate

Concen: 40.11 ng

RT: 9.18 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

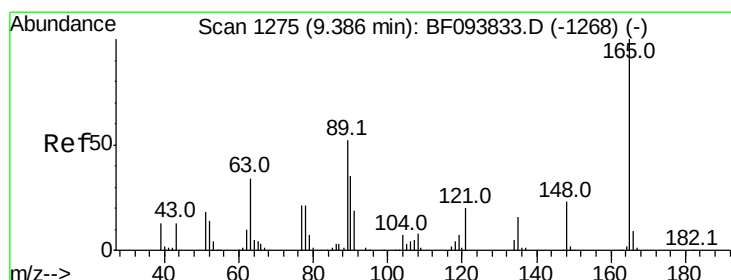
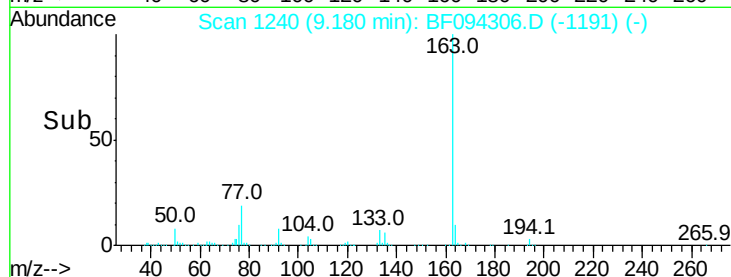
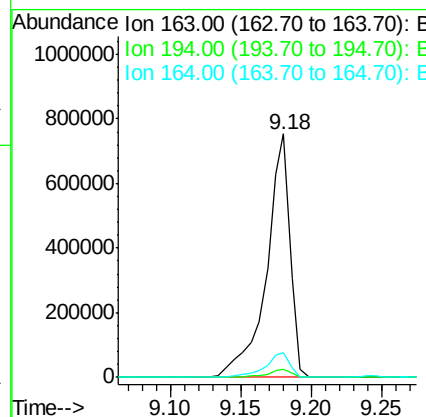
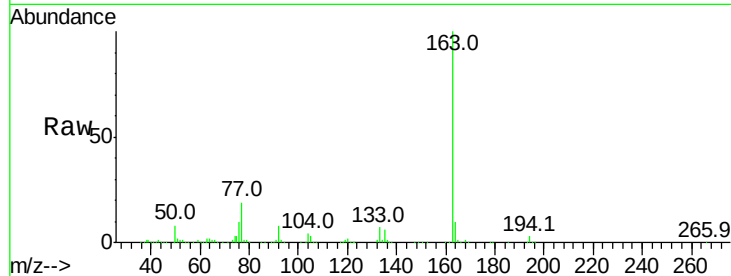
ClientSampleId :

PB98126BSD

Tot Ion:	163	Resp:	882089
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.6	4.0
164	10.1	8.4	12.6

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#50

2,6-Dinitrotoluene

Concen: 39.68 ng

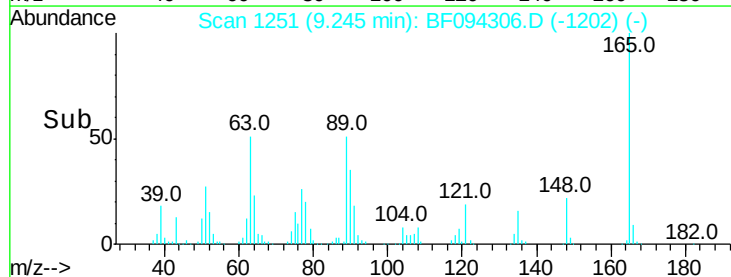
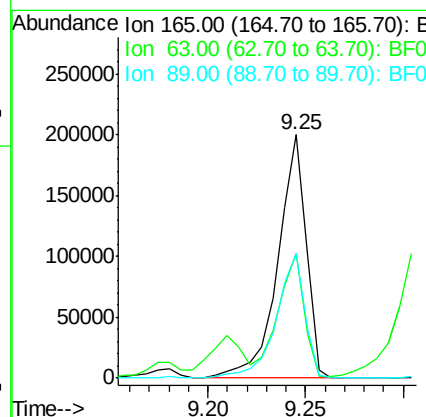
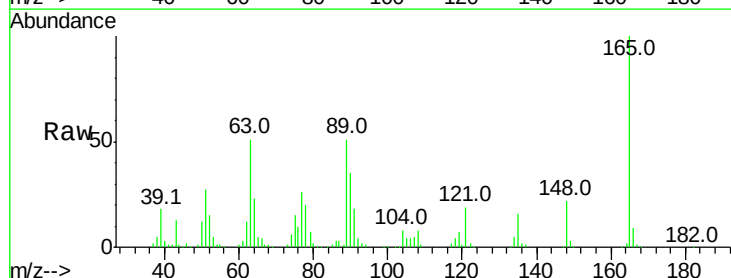
RT: 9.25 min Scan# 1251

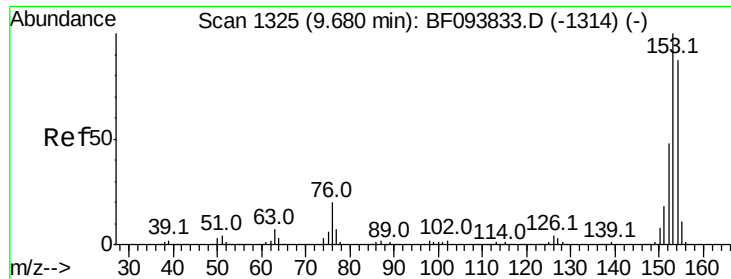
Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Tgt Ion:	165	Resp:	200039
Ion Ratio	Lower	Upper	
165	100		
63	51.4	34.3	51.5
89	51.4	37.1	55.7





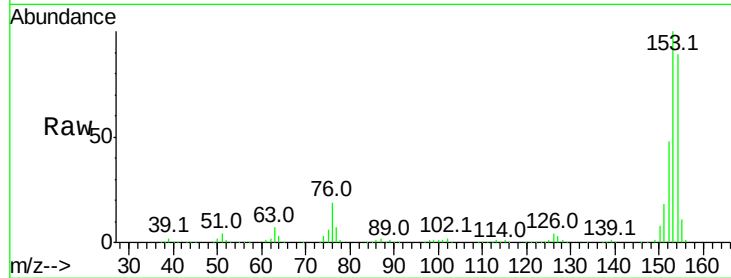
#51
Acenaphthene
Concen: 37.29 ng
RT: 9.53 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Instrument :
BNA_F
ClientSampleID :
PB98126BSD

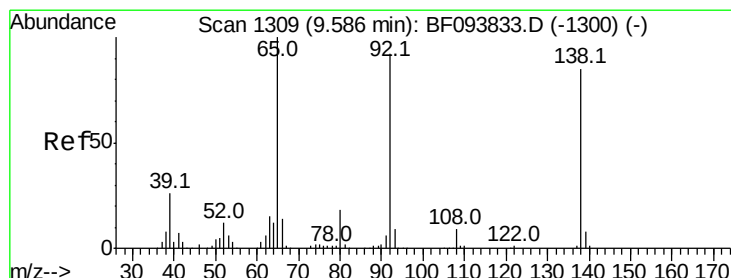
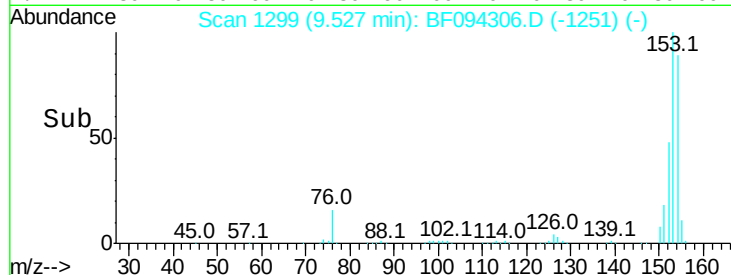
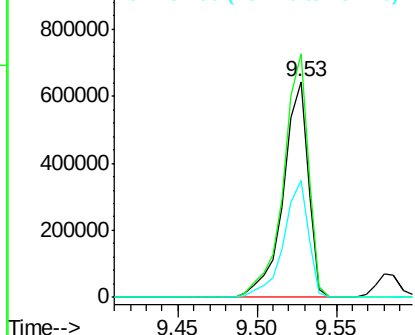
Tot Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.5	135.7
152	54.4	43.6	65.4

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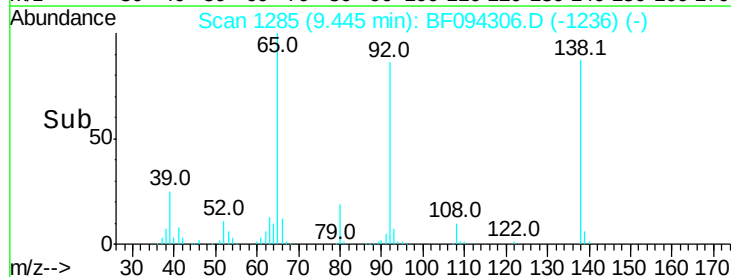
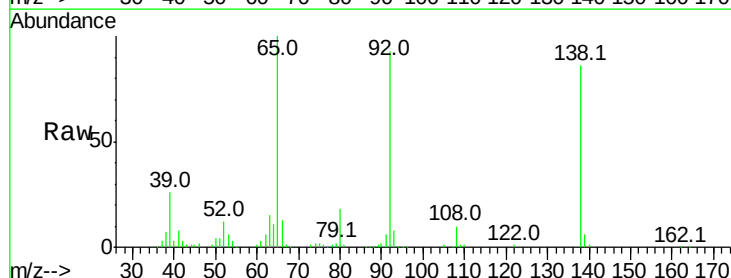
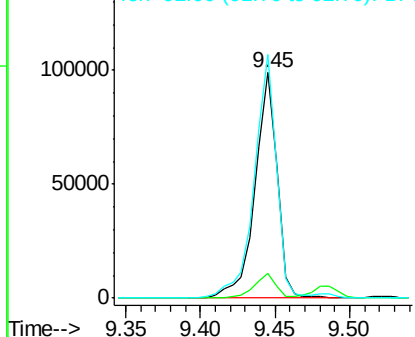
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

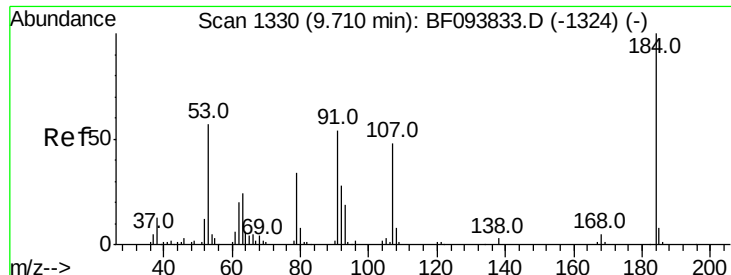


#52
3-Nitroaniline
Concen: 16.91 ng
RT: 9.45 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.1	13.7
92	108.1	93.8	140.6

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





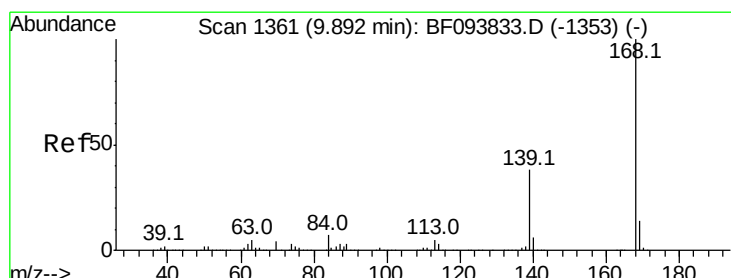
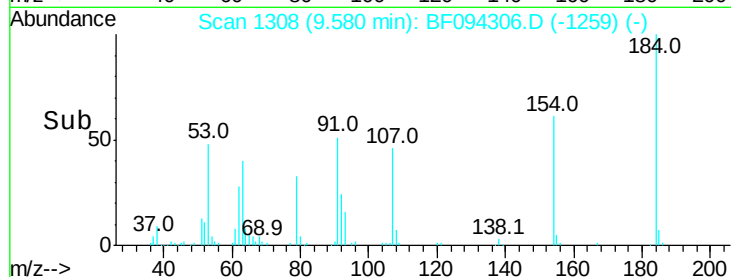
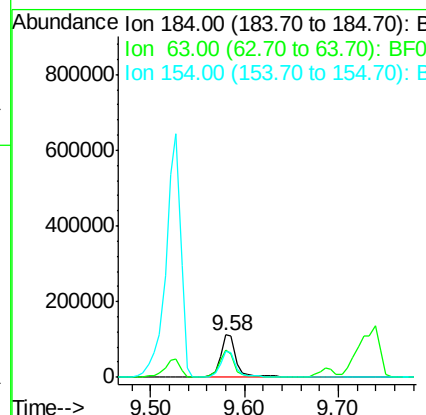
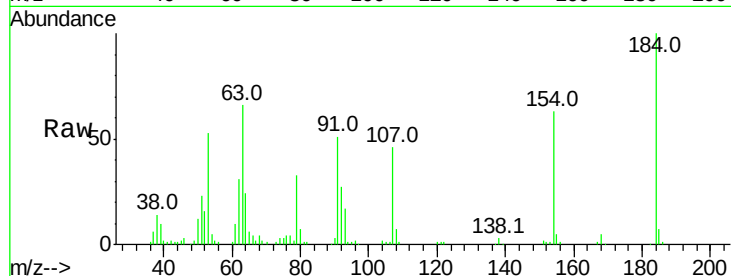
#53
2,4-Dinitrophenol
Concen: 52.22 ng
RT: 9.58 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Instrument :
BNA_F
ClientSampleId :
PB98126BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	136247		
63	66.4	62.7	94.1	
154	62.5	81.1	121.7	

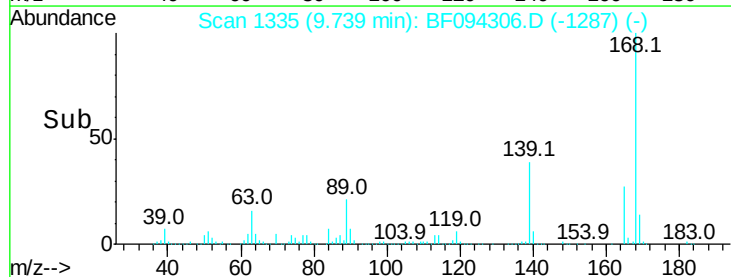
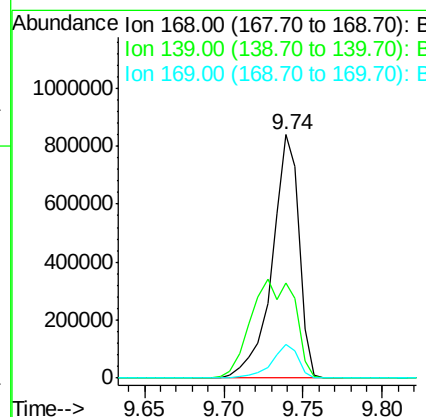
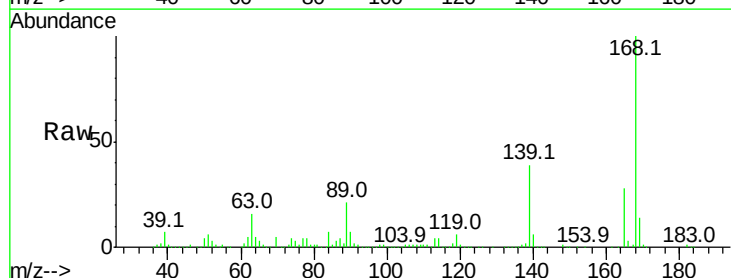
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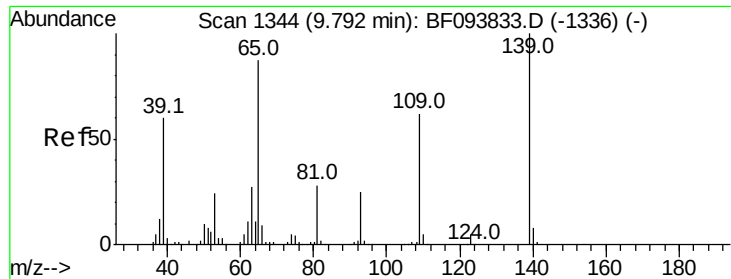
mohammad
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#54
Dibenzofuran
Concen: 38.47 ng
RT: 9.74 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	992121		
139	39.1	30.6	45.8	
169	13.6	10.8	16.2	





#55

4-Nitrophenol

Concen: 90.17 ng/mL

RT: 9.73 min Scan# 1333

Delta R.T. 0.04 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleID :

PB98126BSD

Tot Ion:139 Resp: 418032

Ion Ratio Lower Upper

139 100

109 42.8 34.1 74.1

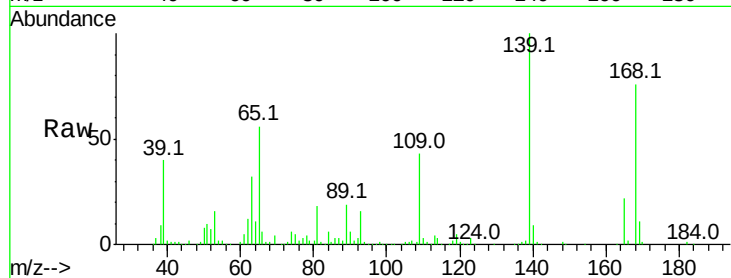
65 56.2 31.4 71.4

Manual Integrations

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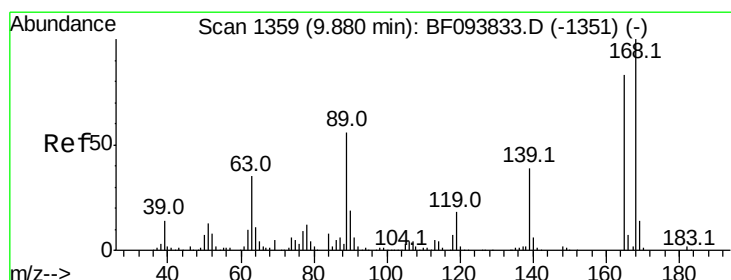
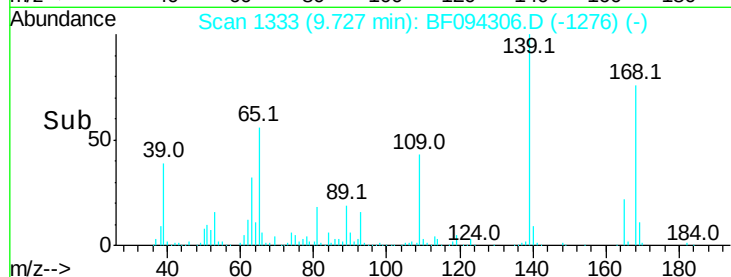
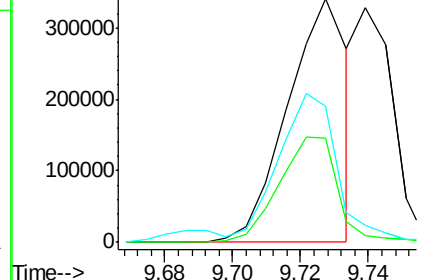
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56

2,4-Dinitrotoluene

Concen: 37.35 ng/mL

RT: 9.74 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Tgt Ion:165 Resp: 236519

Ion Ratio Lower Upper

165 100

63 58.2 25.4 38.0#

89 76.6 46.4 69.6#

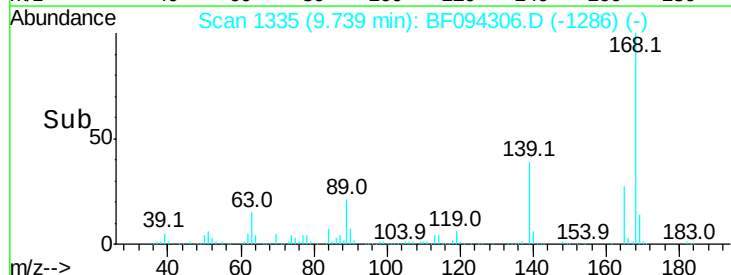
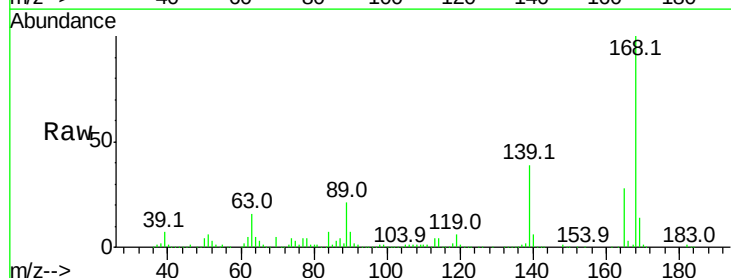
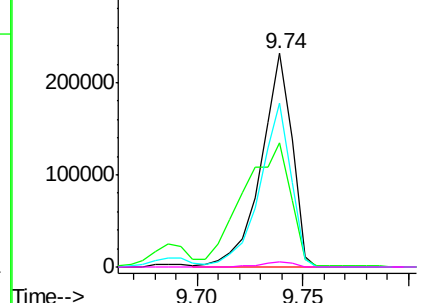
182 2.2 1.8 2.6

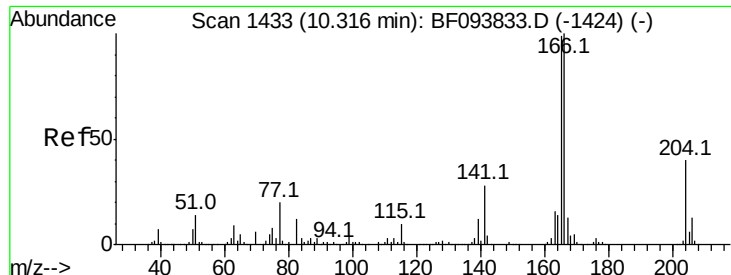
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





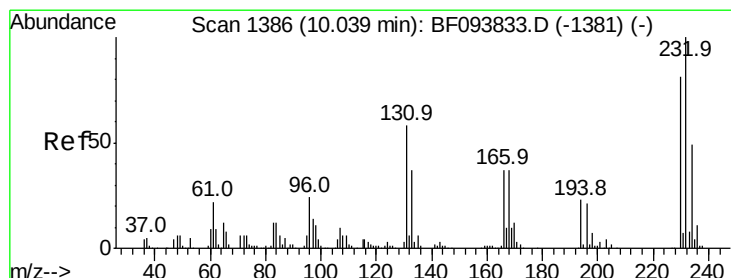
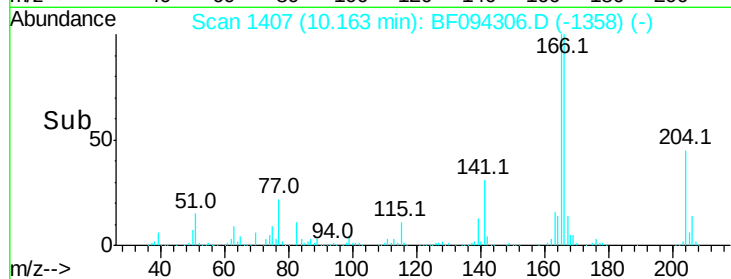
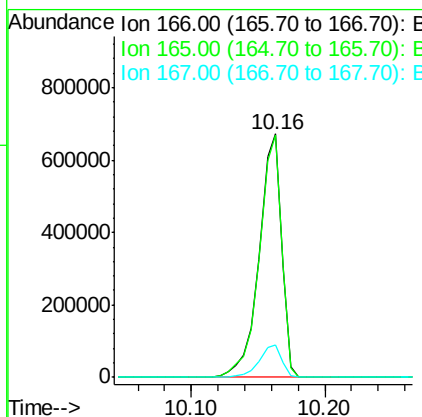
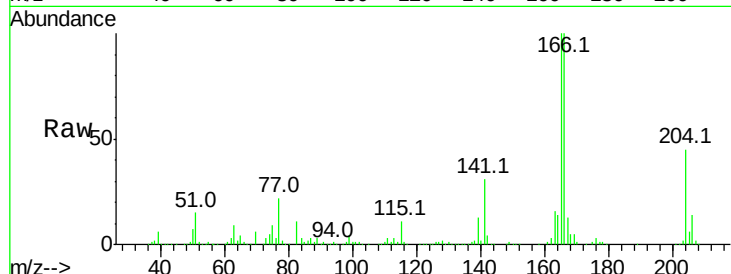
#57
 Fluorene
 Concen: 36.16 ng
 RT: 10.16 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98126BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	773330		
165	99.7		78.8	118.2
167	13.5		10.6	16.0

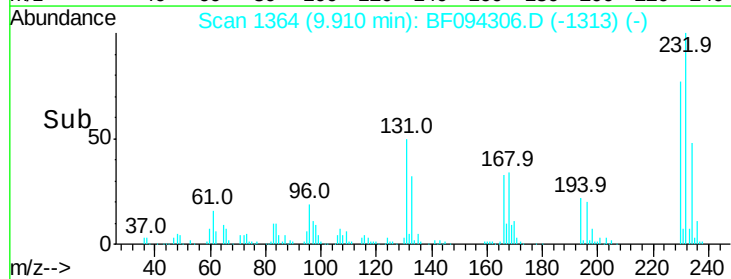
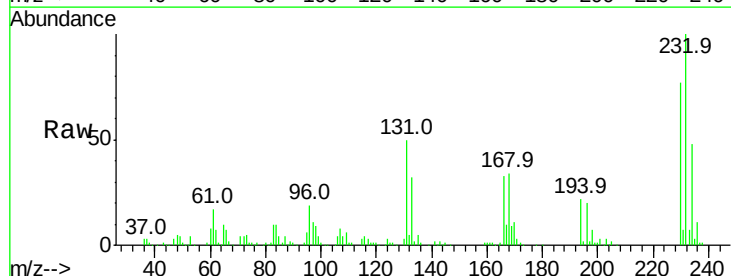
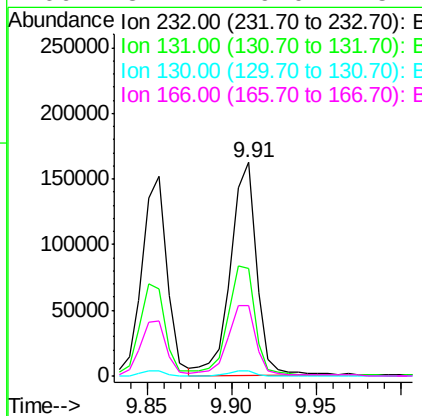
Manual Integrations
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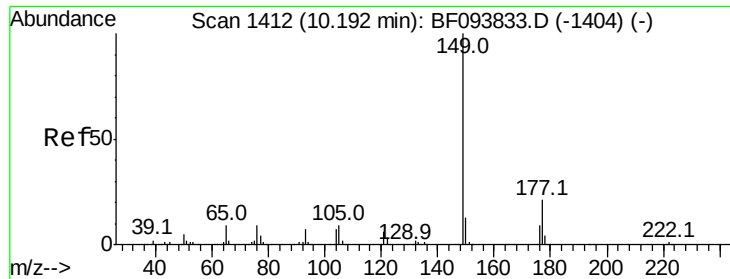
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.00 ng
 RT: 9.91 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	173368		
131	56.7		44.8	67.2
130	2.6		2.3	3.5
166	37.7		29.0	43.4





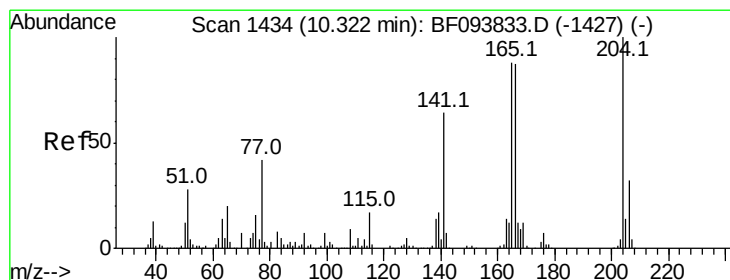
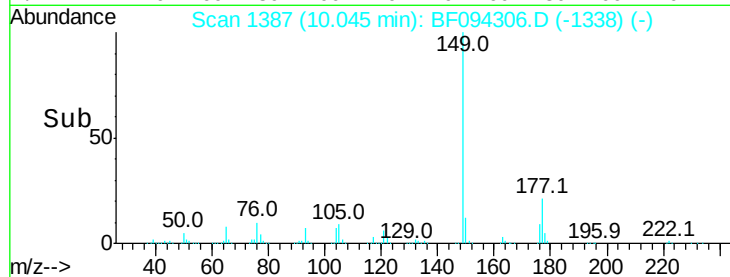
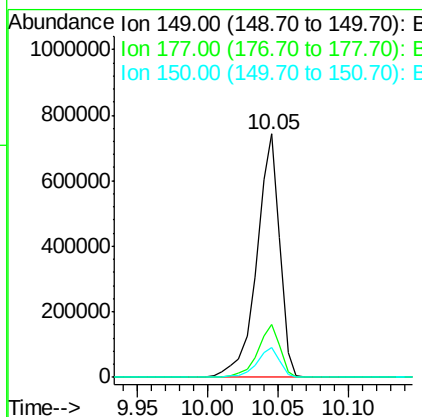
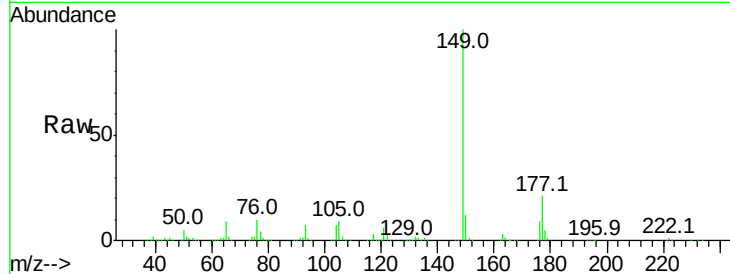
#59
Diethylphthalate
Concen: 38.95 ng
RT: 10.05 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Instrument :
BNA_F
ClientSampleId :
PB98126BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	846615		
177	21.5	16.7	25.1	
150	12.5	10.2	15.2	

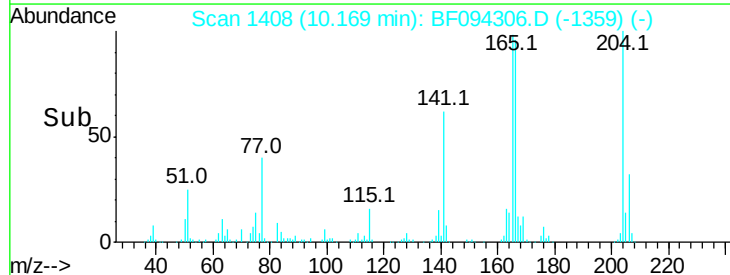
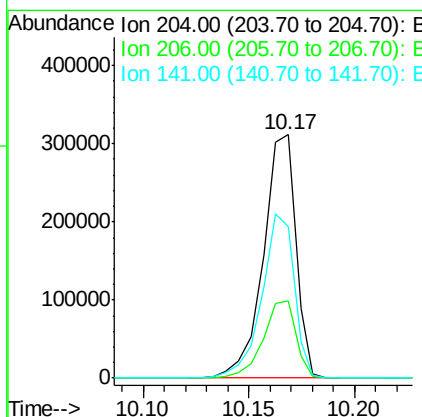
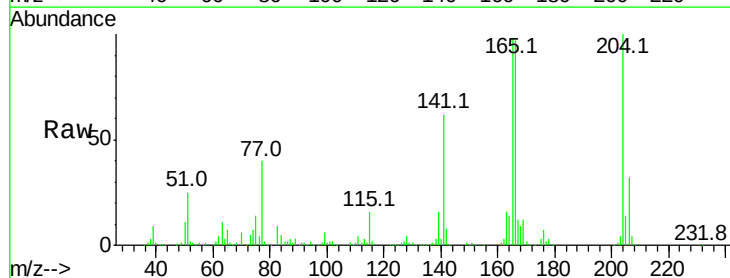
Manual Integrations
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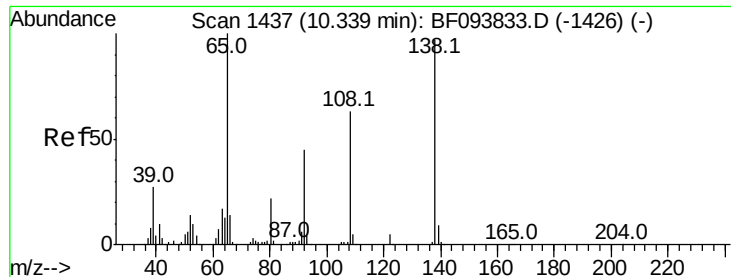
mohammad
4/11/2017 12:52:59 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.98 ng
RT: 10.17 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	336880		
206	31.7	26.2	39.2	
141	62.4	60.8	91.2	





#61

4-Nitroaniline

Concen: 34.11 ng

RT: 10.21 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

PB98126BSD

Tot Ion:138 Resp: 193785

Ion Ratio Lower Upper

138 100

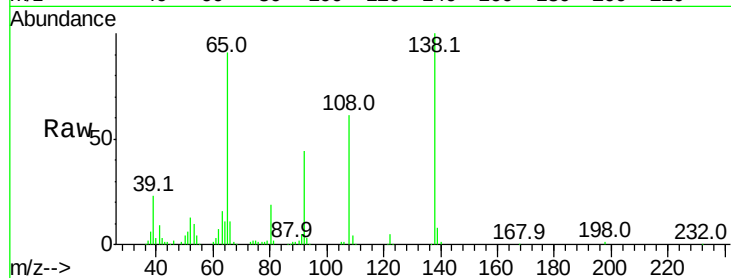
92 43.7 21.8 61.8

108 61.2 42.3 82.3

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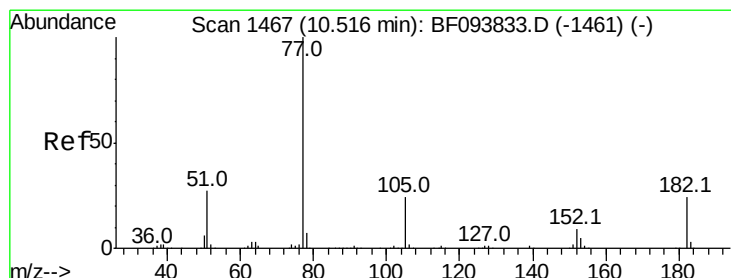
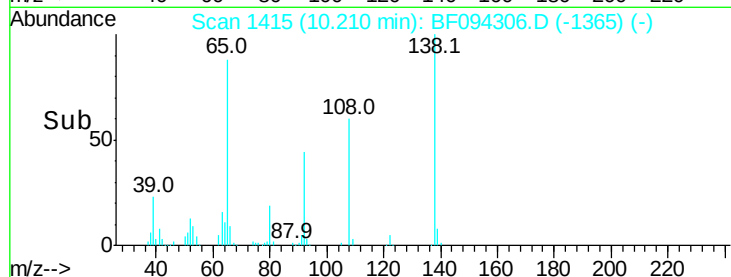
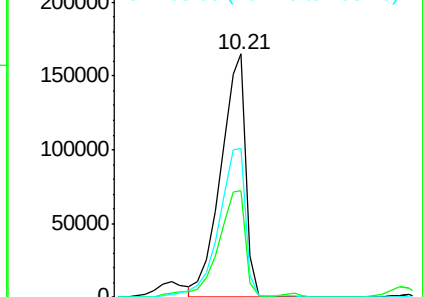
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.62 ng

RT: 10.36 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Tgt Ion: 77 Resp: 814741

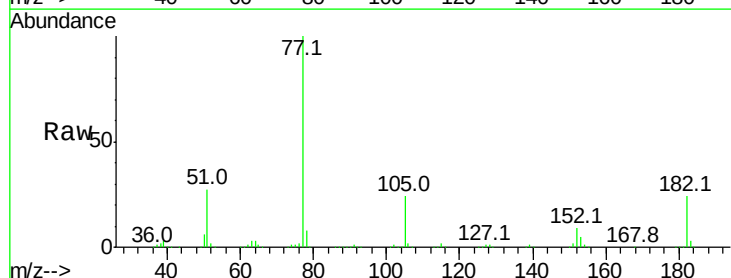
Ion Ratio Lower Upper

77 100

182 24.5 0.1 40.1

105 24.2 3.6 43.6

51 27.4 9.4 49.4

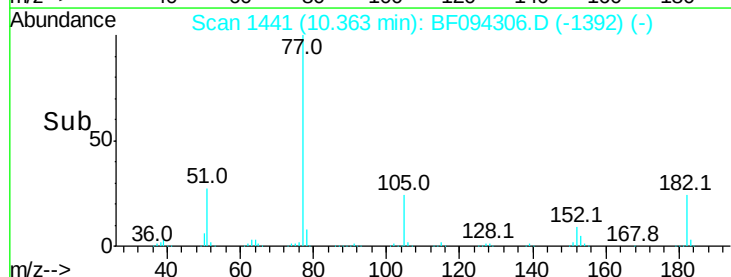
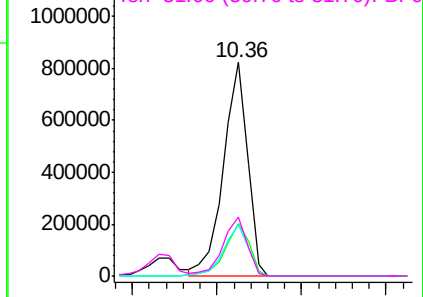


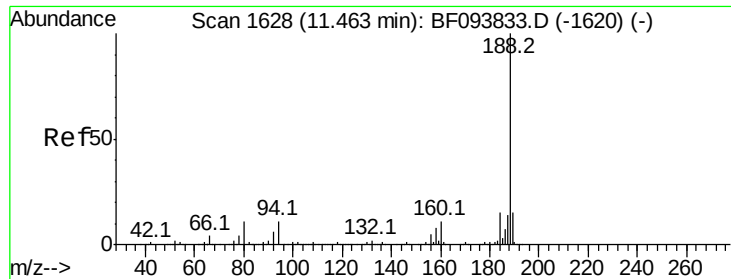
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.31 min Scan# 1602

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

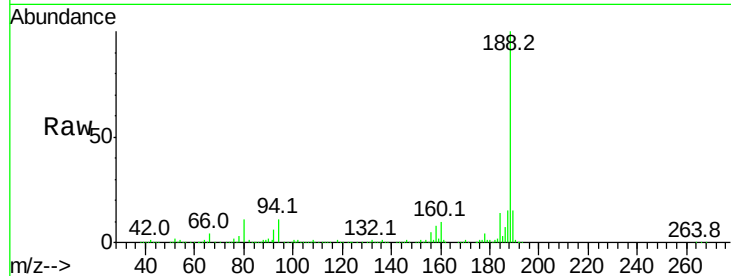
ClientSampleId :

PB98126BSD

Tot Ion:	188	Resp:	537862
Ion Ratio	Lower	Upper	
188	100		
94	10.6	9.4	14.2
80	11.2	10.2	15.2

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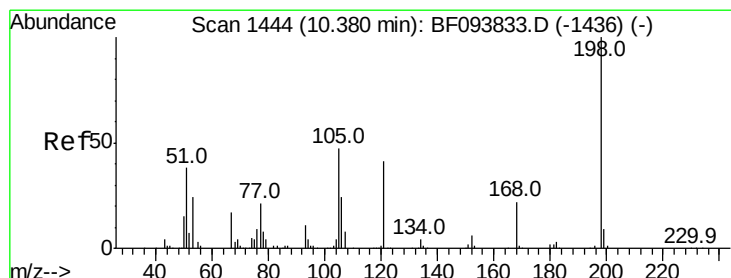
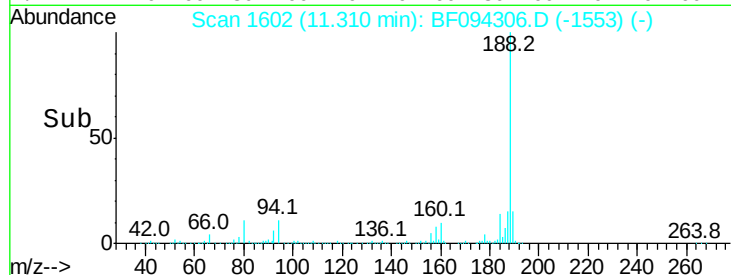
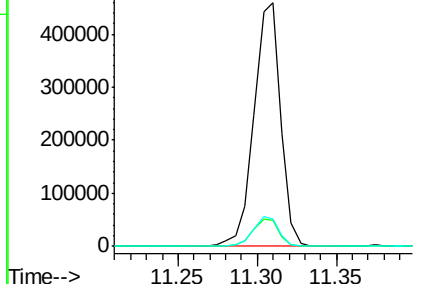
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.62 ng

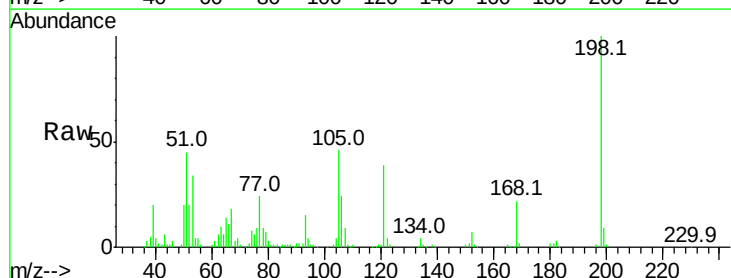
RT: 10.25 min Scan# 1421

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

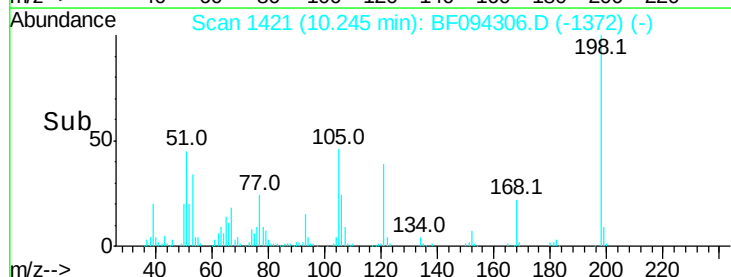
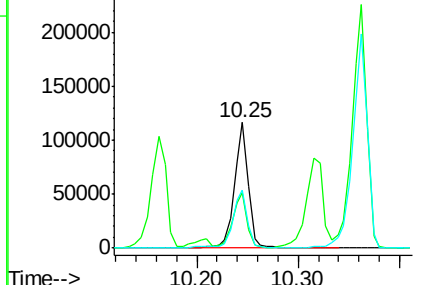
Tgt Ion:	198	Resp:	110760
Ion Ratio	Lower	Upper	
198	100		
51	44.5	53.2	93.2#
105	46.3	45.8	85.8

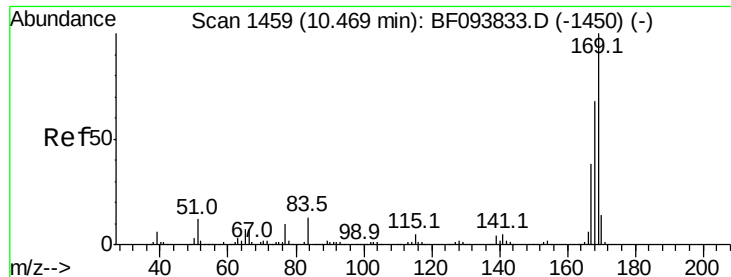


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.94 ng

RT: 10.32 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

PB98126BSD

Tot Ion:169 Resp: 724357
Ion Ratio Lower Upper

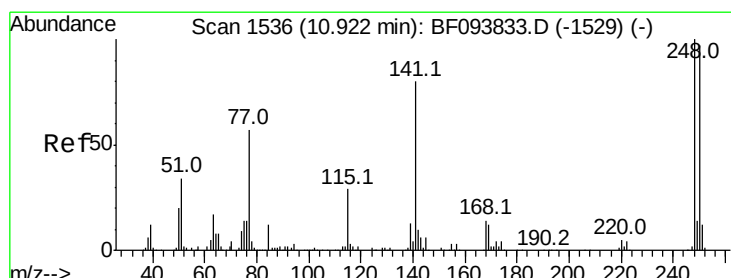
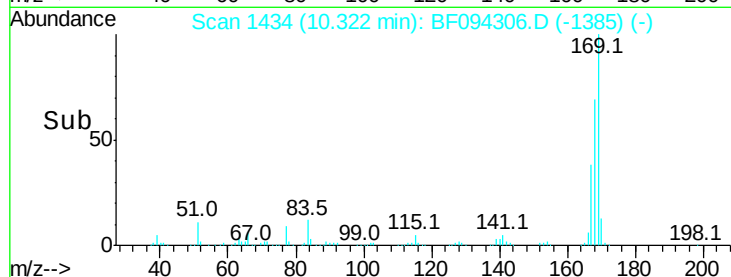
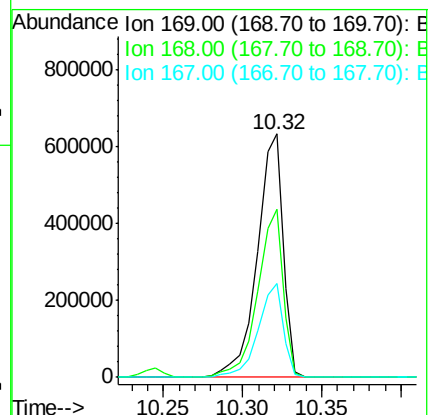
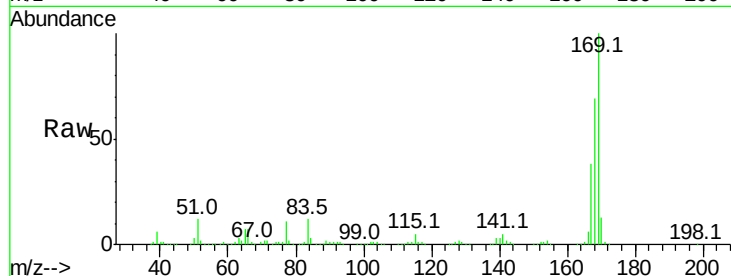
169 100

168 69.2 53.2 79.8

167 38.4 29.5 44.3

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#66

4-Bromophenyl-phenylether

Concen: 39.43 ng

RT: 10.76 min Scan# 1509

Delta R.T. -0.02 min

Lab File: BF094306.D

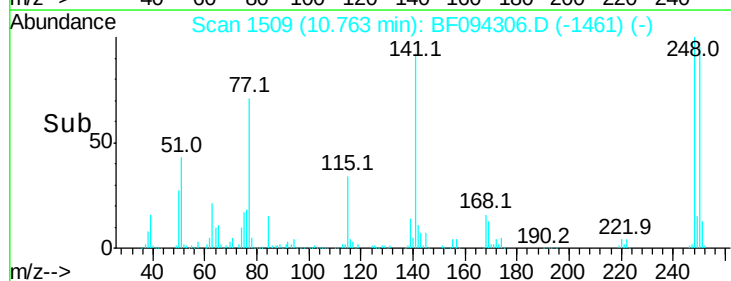
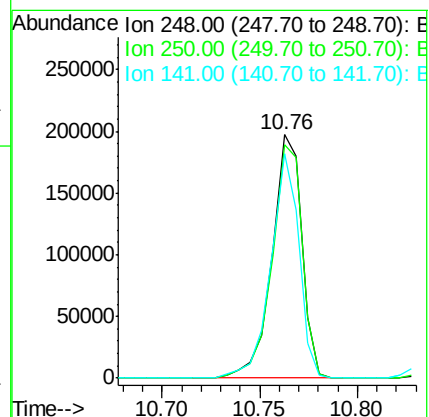
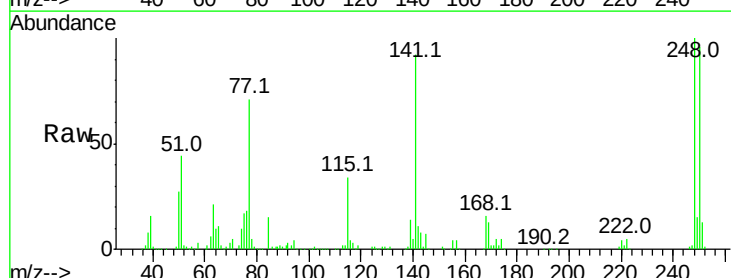
Acq: 10 Apr 2017 13:00

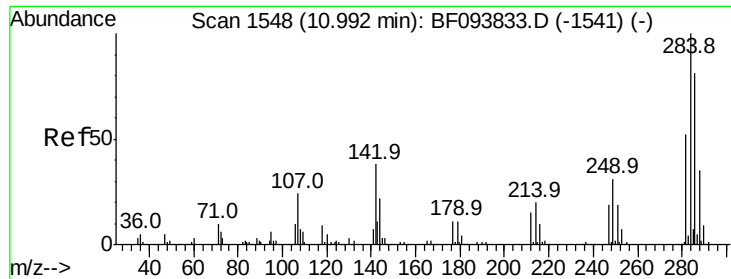
Tgt Ion:248 Resp: 208585
Ion Ratio Lower Upper

248 100

250 95.7 76.8 115.2

141 92.2 68.6 103.0





#67

Hexachlorobenzene

Concen: 40.07 ng

RT: 10.84 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

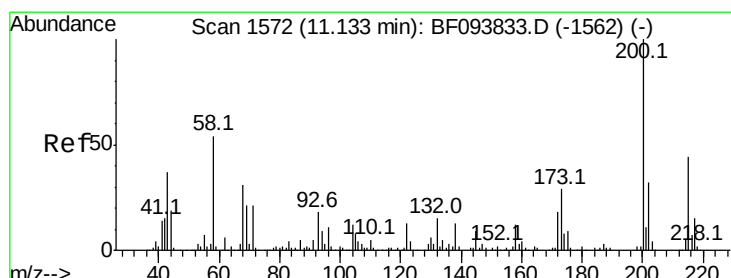
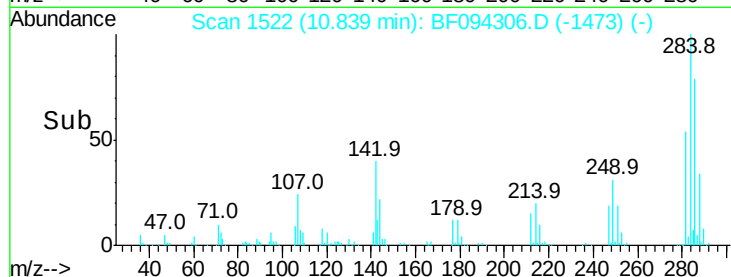
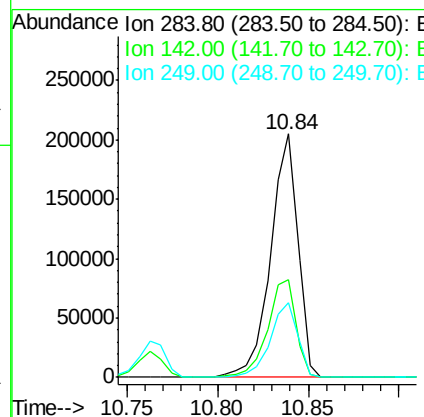
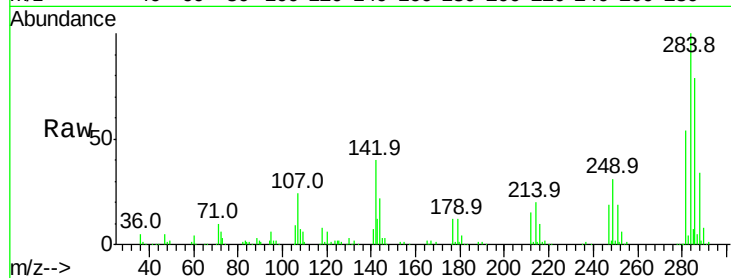
PB98126BSD

Tot Ion:284 Resp: 214552
Ion Ratio Lower Upper

284	100		
142	40.0	22.8	34.2#
249	30.7	24.0	36.0

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#68

Atrazine

Concen: 38.23 ng

RT: 10.99 min Scan# 1548

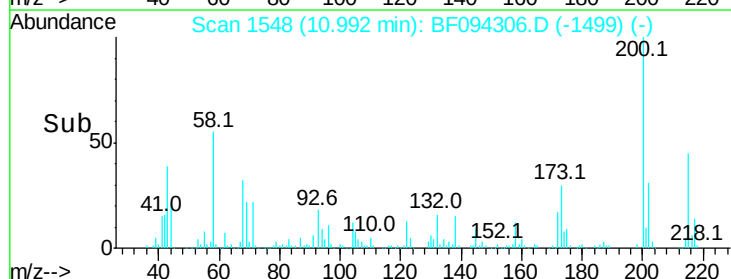
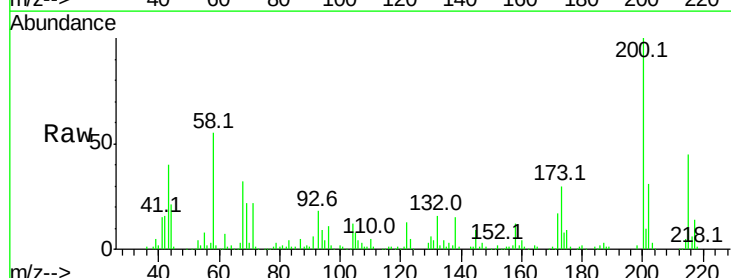
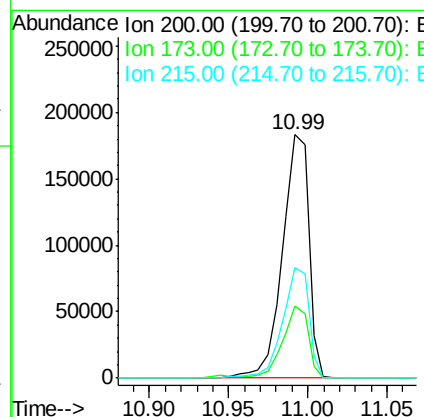
Delta R.T. -0.01 min

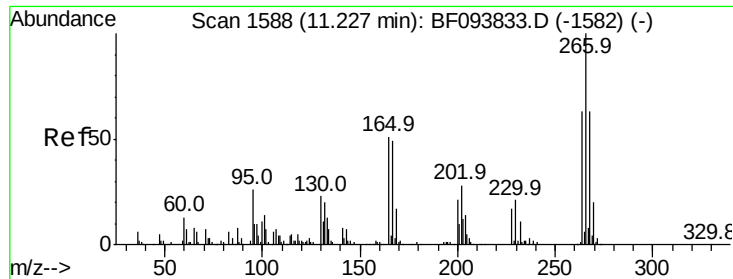
Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Tgt Ion:200 Resp: 212972
Ion Ratio Lower Upper

200	100		
173	29.6	6.3	46.3
215	45.4	27.2	67.2





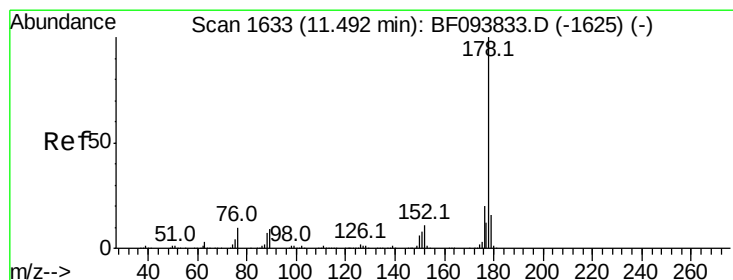
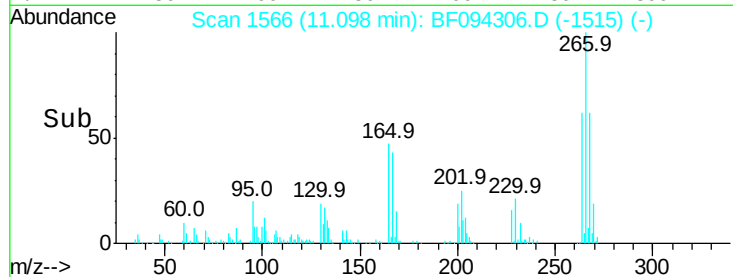
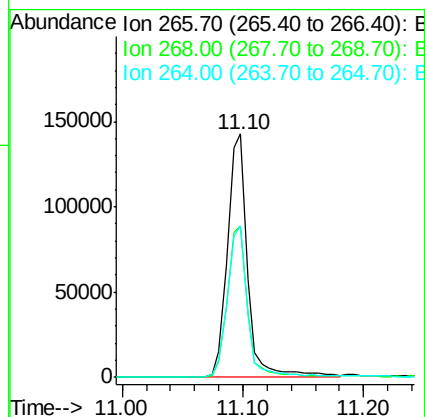
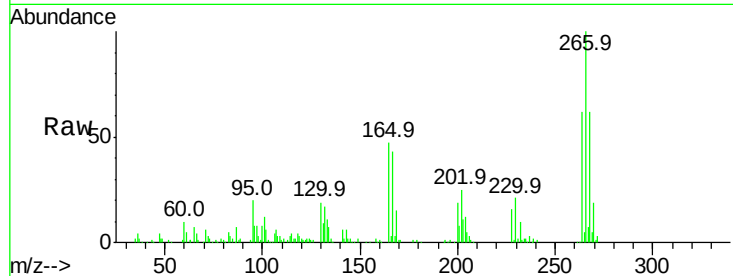
#69
 Pentachlorophenol
 Concen: 49.65 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98126BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	165473		
268	62.2	51.1	76.7	
264	62.3	51.7	77.5	

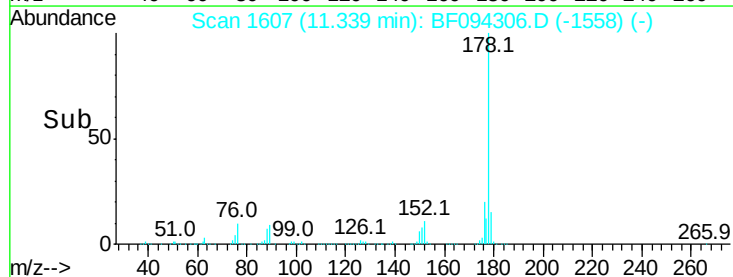
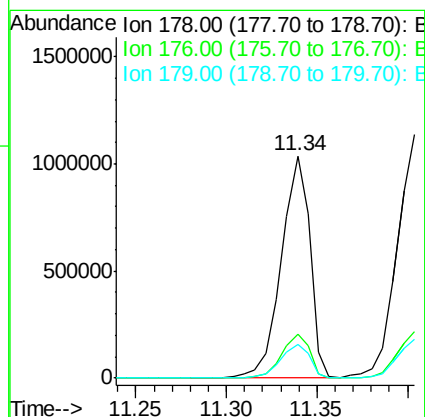
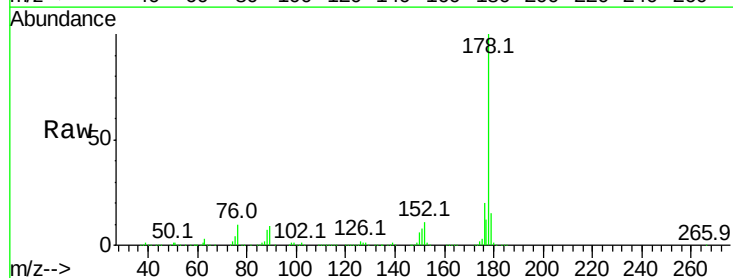
Manual Integrations
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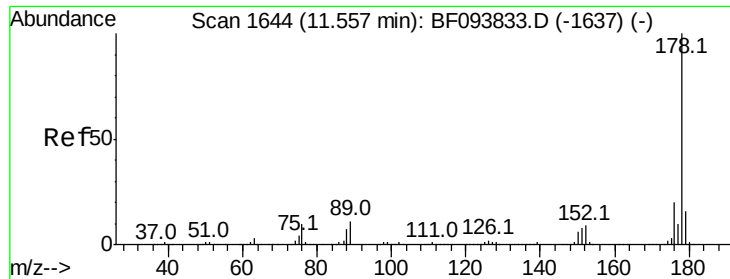
mohammad
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#70
 Phenanthrene
 Concen: 38.28 ng
 RT: 11.34 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1145333		
176	20.0	16.2	24.4	
179	15.2	12.6	19.0	





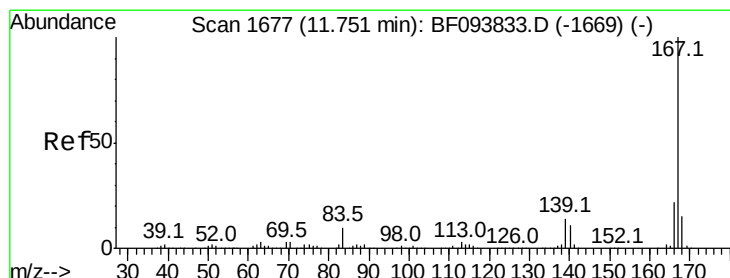
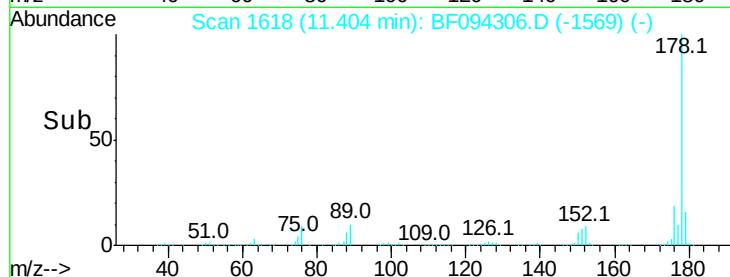
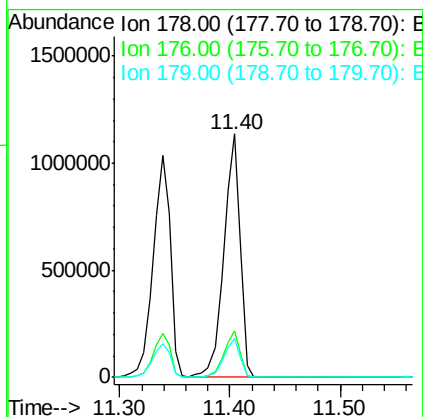
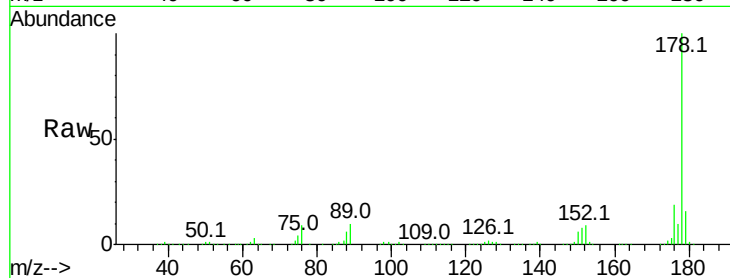
#71
 Anthracene
 Concen: 37.96 ng
 RT: 11.40 min Scan# 1618
 Delta R.T. -0.01 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampled :
 PB98126BSD

Tot Ion:178 Resp: 1169559
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.8 23.8
 179 15.8 12.7 19.1

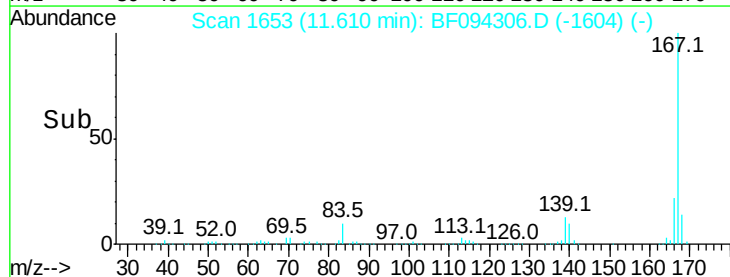
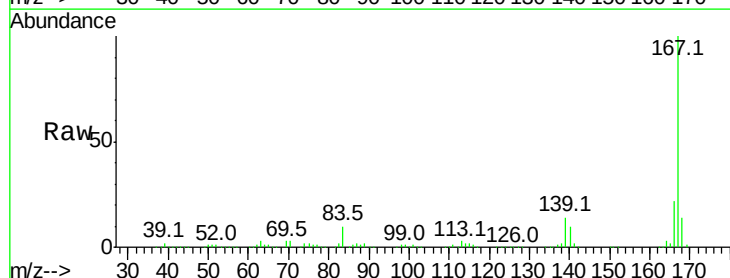
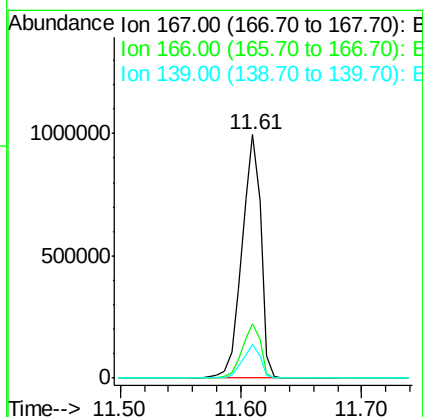
Manual Integrations
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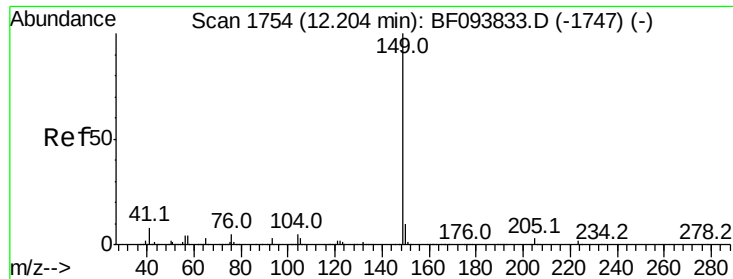
mohammad
 4/11/2017 12:52:59 PM



#72
 Carbazole
 Concen: 34.35 ng
 RT: 11.61 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion:167 Resp: 1085012
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 39.89 ng

RT: 12.06 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

PB98126BSD

Tot Ion:149 Resp: 1310502

Ion Ratio Lower Upper

149 100

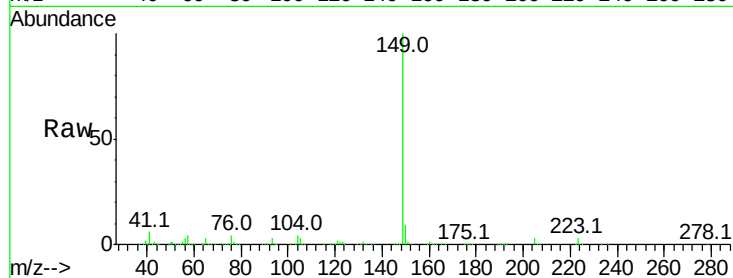
150 9.1 7.7 11.5

104 4.3 4.0 6.0

Manual Integrations
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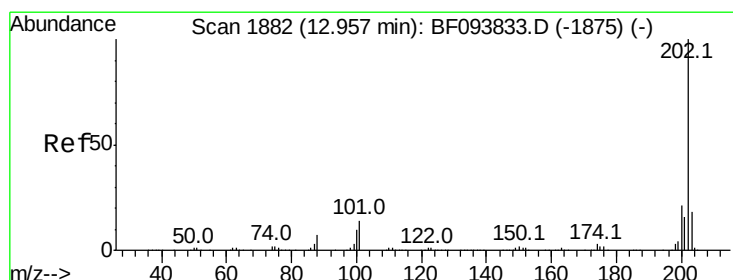
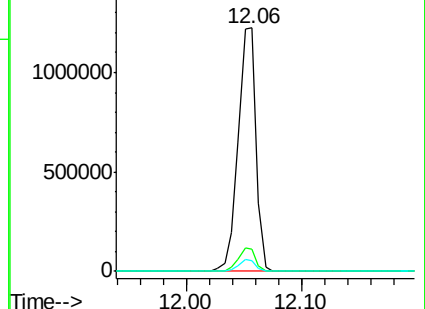
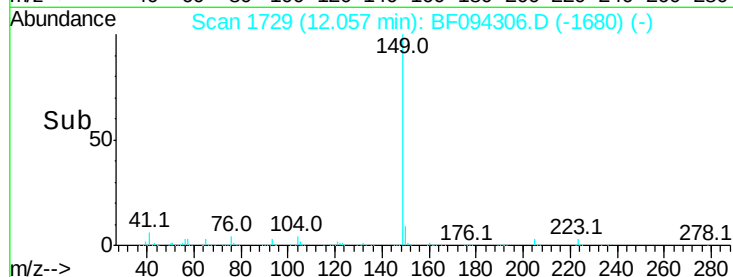
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.47 ng

RT: 12.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

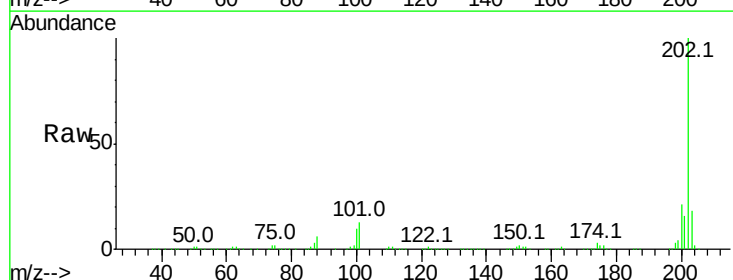
Tgt Ion:202 Resp: 1148132

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

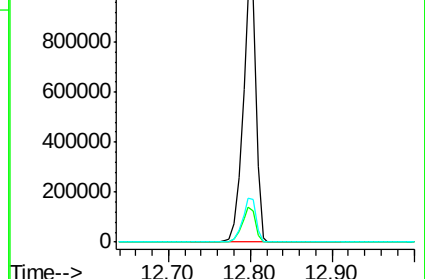
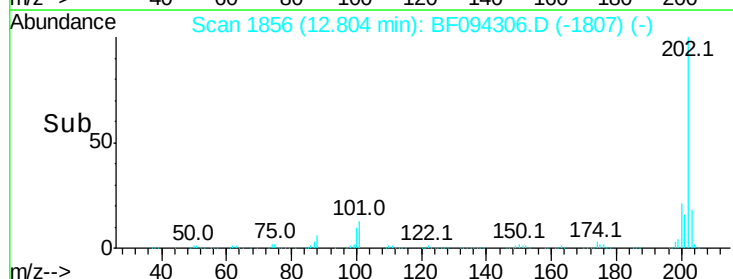
203 17.5 0.0 38.1

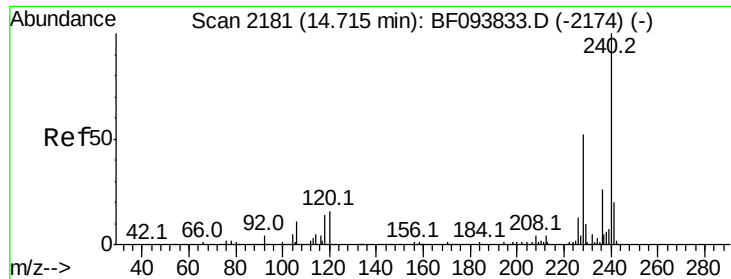


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.56 min Scan# 2155

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

ClientSampleId :

PB98126BSD

Tot Ion:240 Resp: 403330

Ion Ratio Lower Upper

240 100

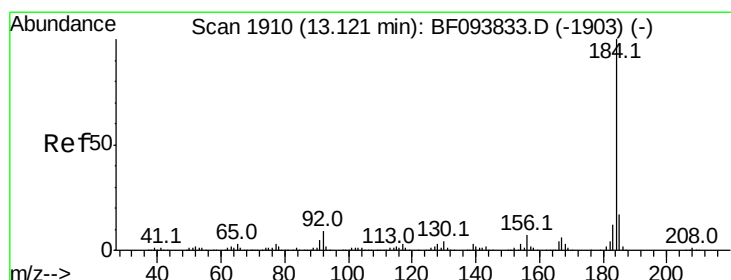
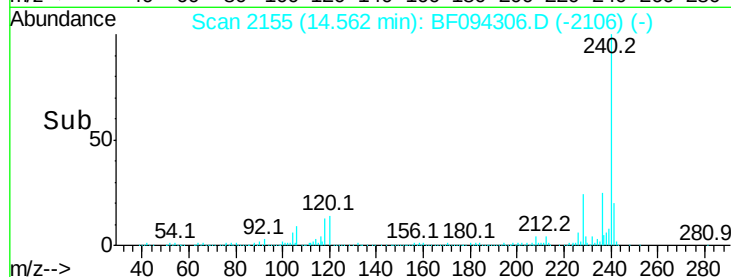
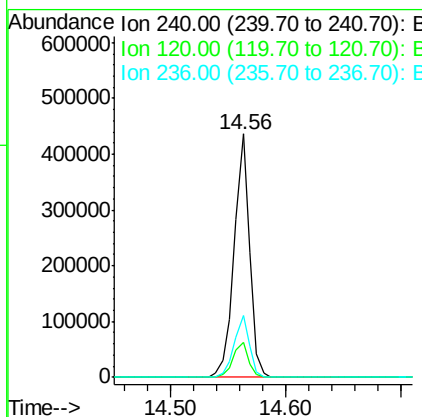
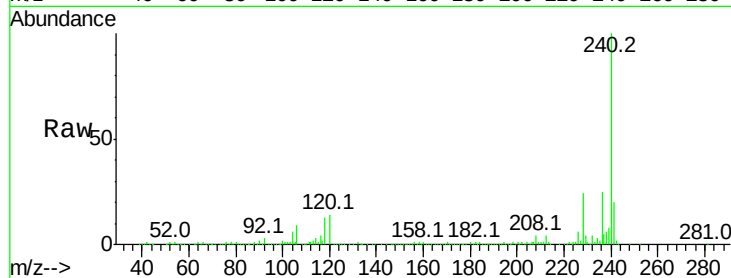
120 14.4 5.8 8.8#

236 25.4 20.5 30.7

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#76

Benzidine

Concen: 22.33 ng

RT: 12.97 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

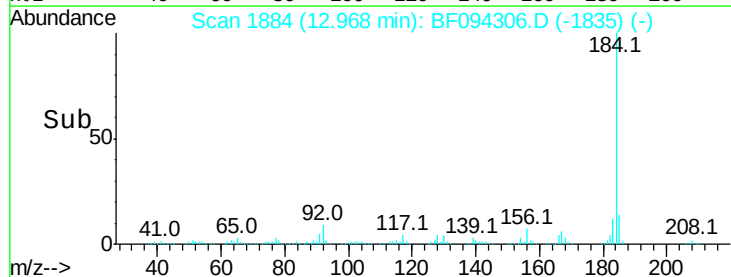
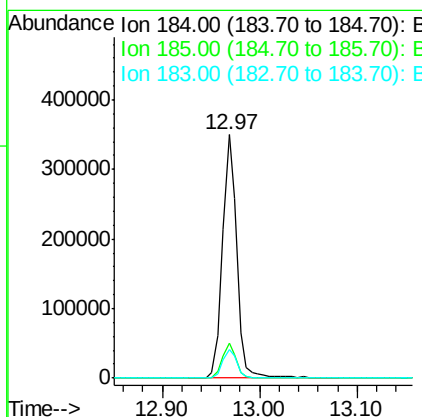
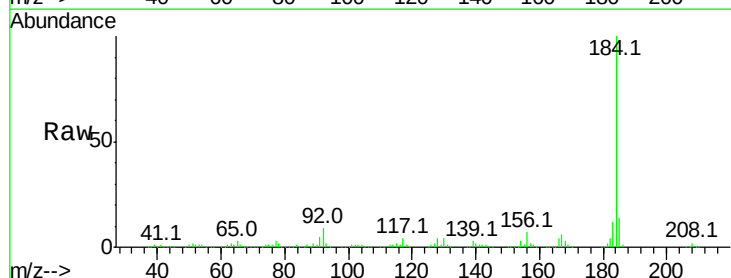
Tgt Ion:184 Resp: 356493

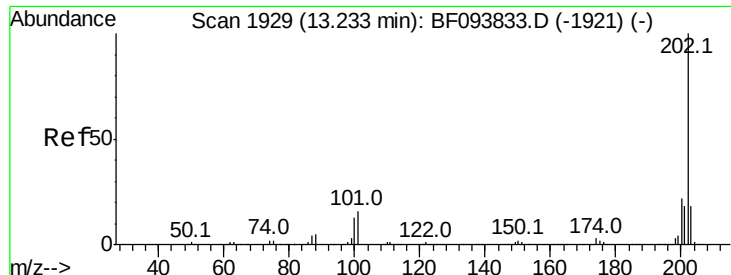
Ion Ratio Lower Upper

184 100

185 14.1 15.5 23.3#

183 11.6 9.8 14.6





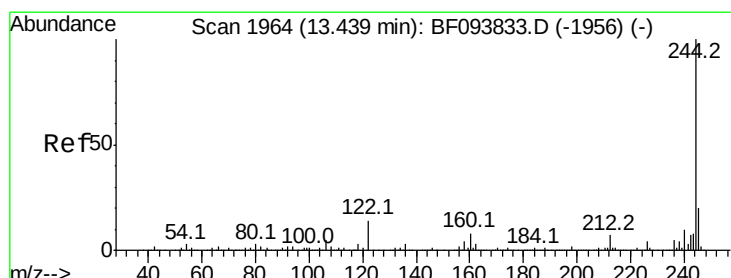
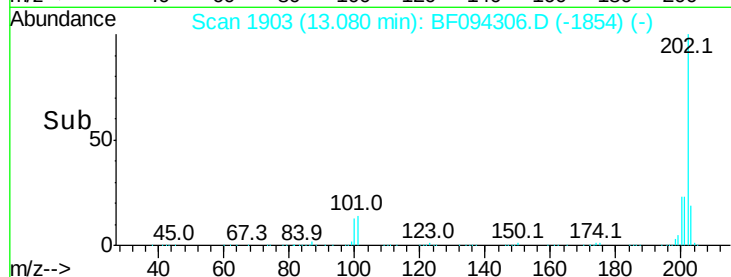
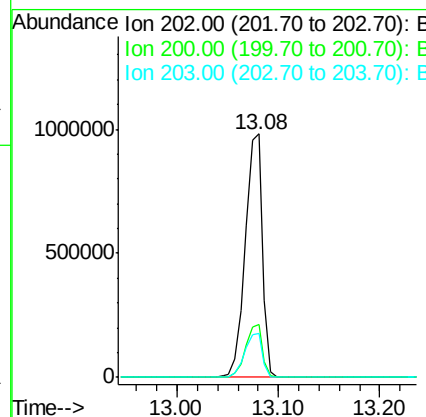
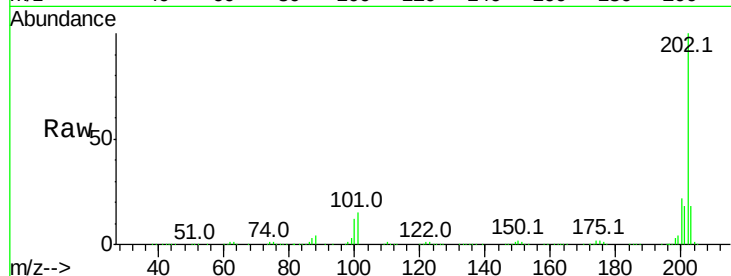
#77
Pvrene
Concen: 39.29 ng
RT: 13.08 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Instrument :
BNA_F
ClientSampleId :
PB98126BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	18.2	14.4	21.6

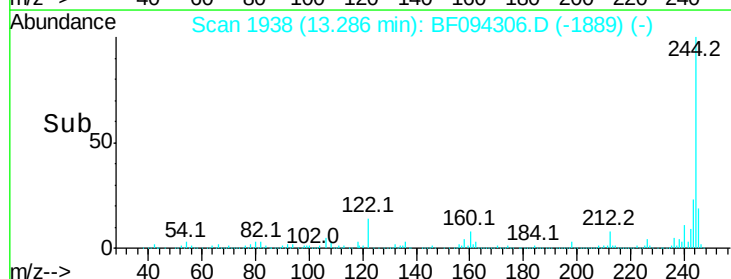
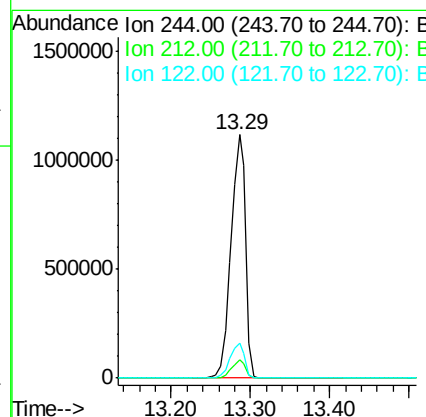
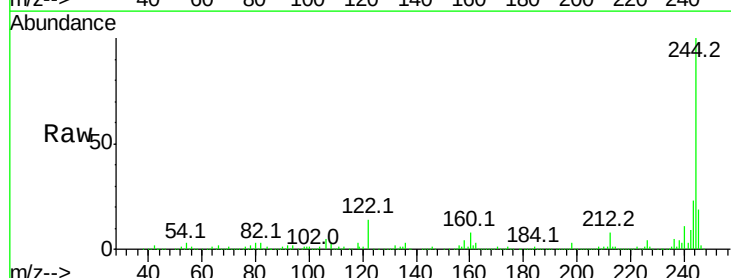
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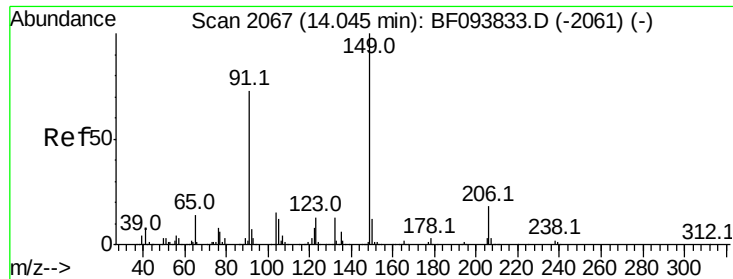
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#78
Terphenyl-d14
Concen: 78.23 ng
RT: 13.29 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	14.3	10.3	15.5





#79

Butylbenzylphthalate

Concen: 43.42 ng

RT: 13.89 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

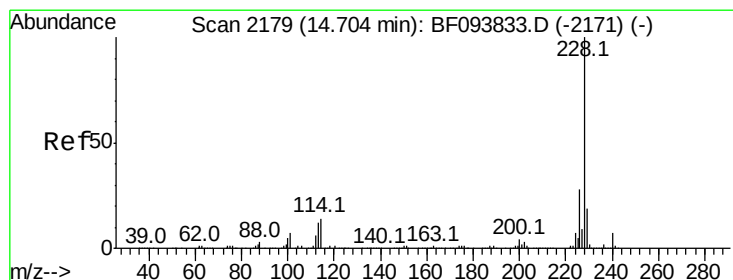
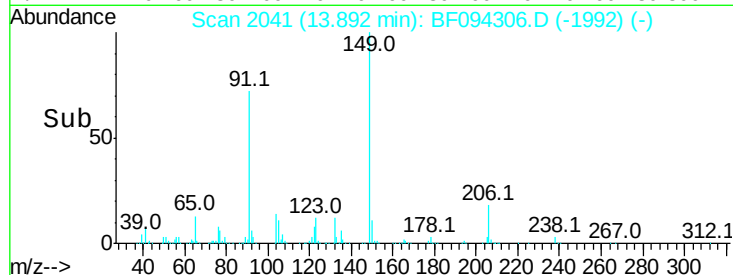
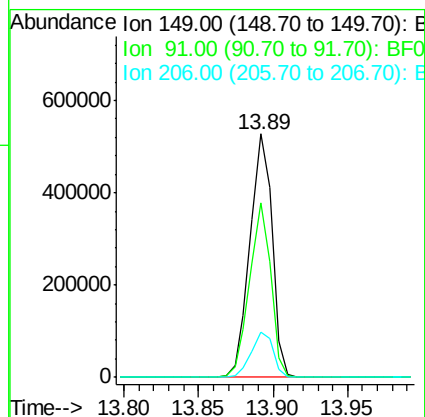
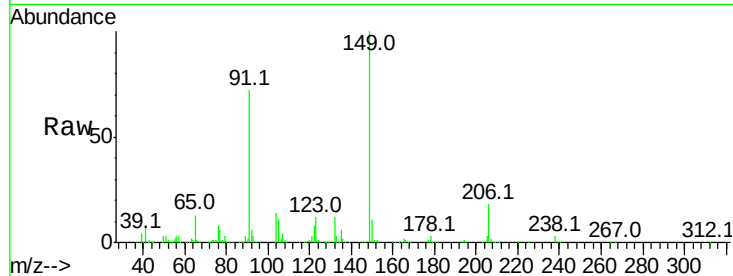
ClientSampleId :

PB98126BSD

Tot Ion:	149	Resp:	541469
Ion Ratio	Lower	Upper	
149	100		
91	71.5	45.0	67.4#
206	18.4	17.0	25.6

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#80

Benzo(a)anthracene

Concen: 38.34 ng

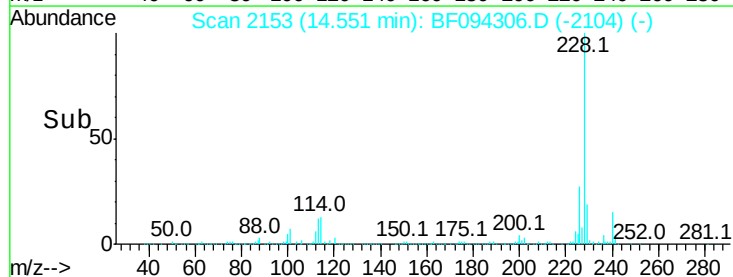
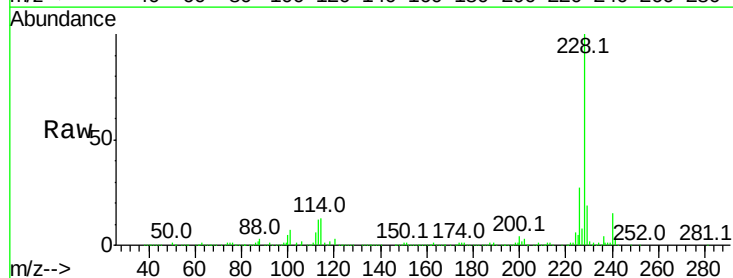
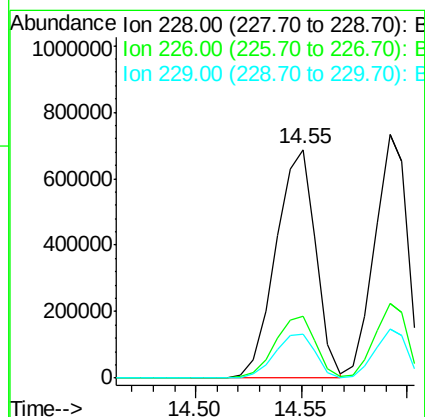
RT: 14.55 min Scan# 2153

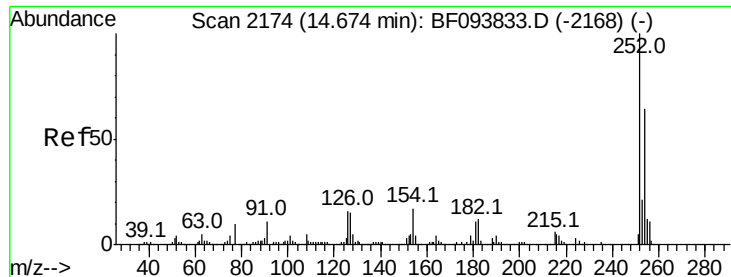
Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Tgt Ion:	228	Resp:	901754
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.6	33.8
229	19.4	16.3	24.5





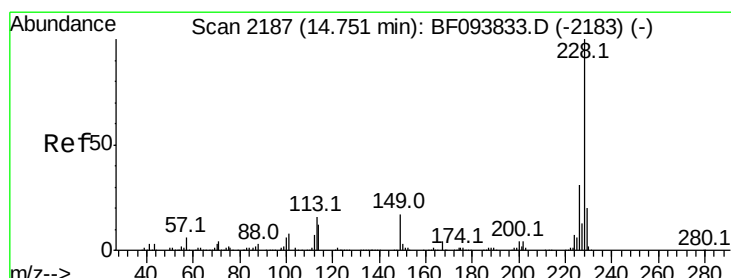
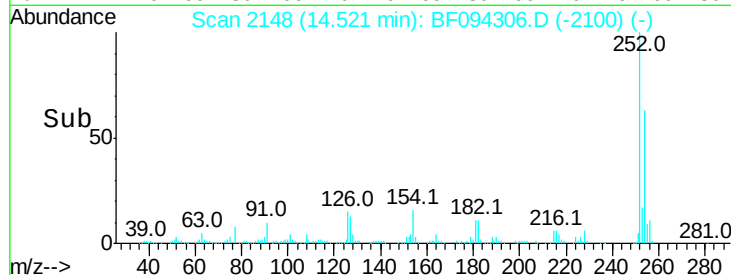
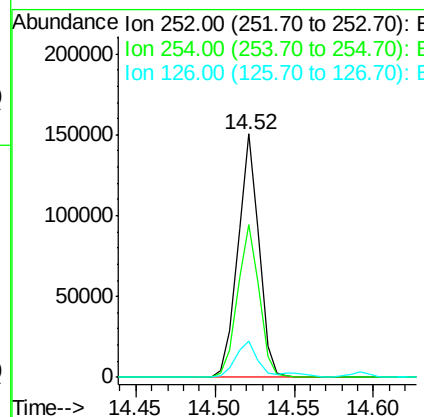
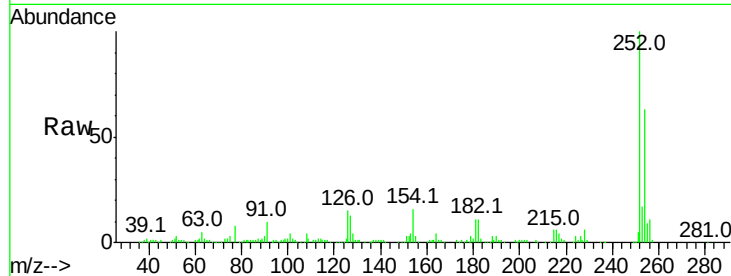
#81
 3,3'-Dichlorobenzidine
 Concen: 16.51 ng
 RT: 14.52 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98126BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.9	51.5	77.3
126	14.7	15.8	23.8

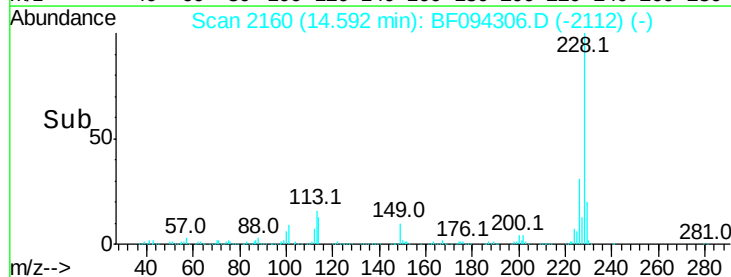
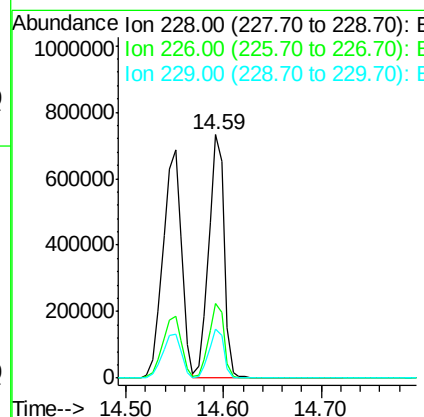
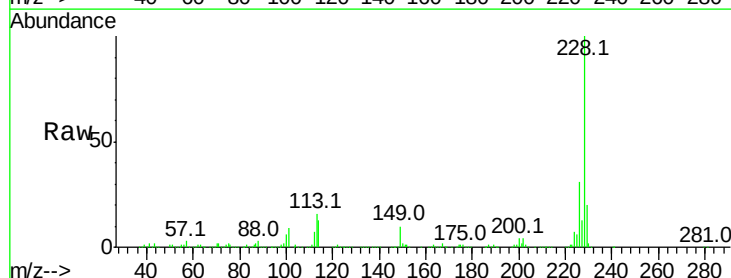
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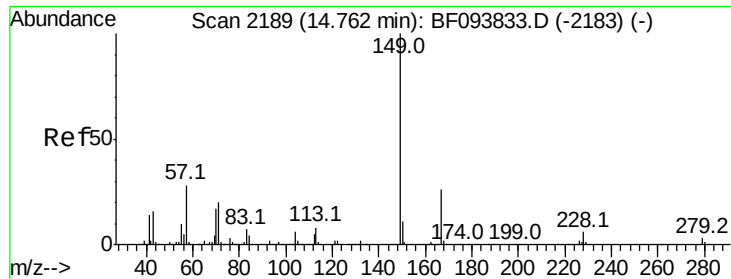
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#82
 Chrysene
 Concen: 36.51 ng
 RT: 14.59 min Scan# 2160
 Delta R.T. -0.02 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.0	15.8	23.6





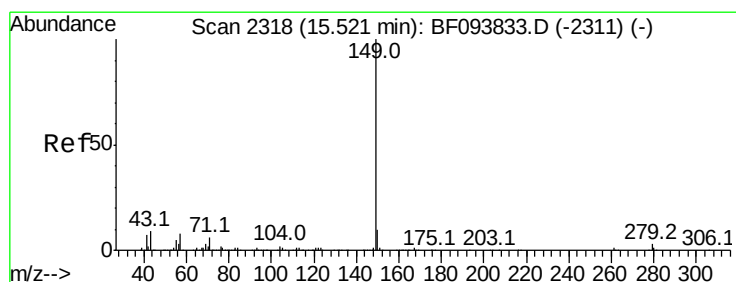
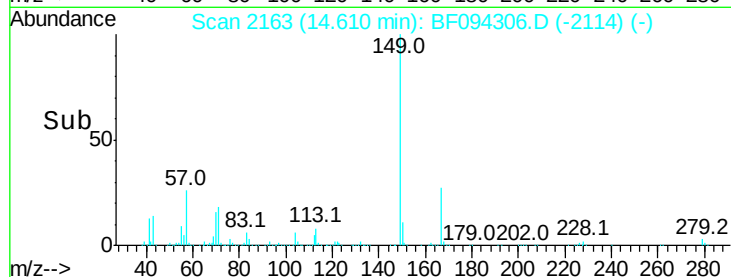
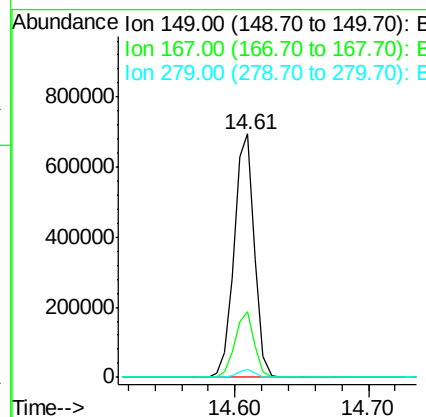
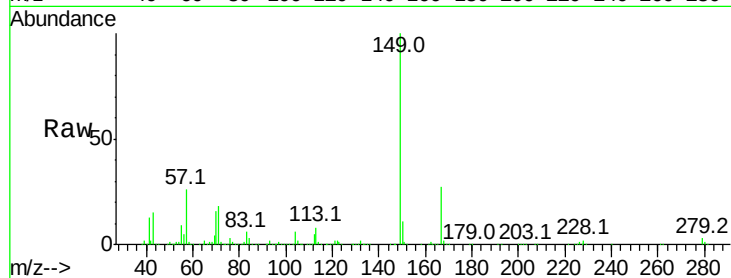
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.49 ng
 RT: 14.61 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98126BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.8	21.0	31.4
279	3.1	1.9	2.9#

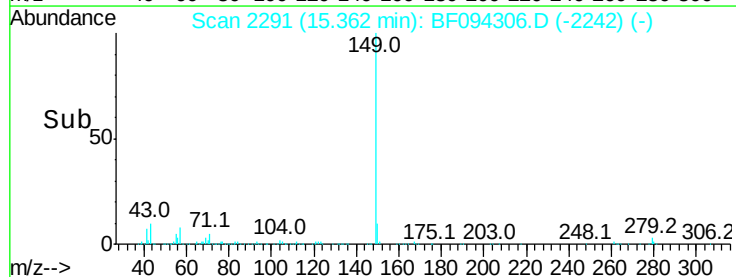
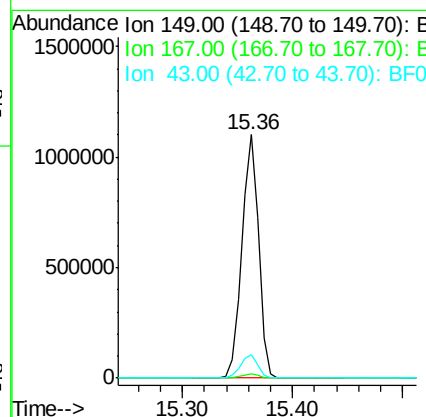
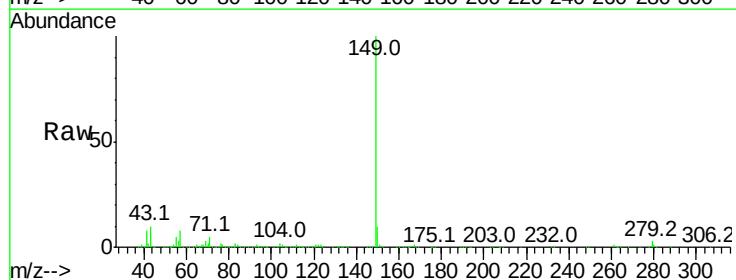
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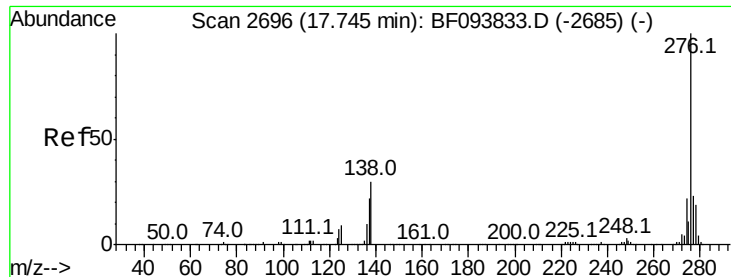
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#84
 Di-n-octyl phthalate
 Concen: 41.24 ng
 RT: 15.36 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.6	8.5	12.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.94 ng

RT: 17.51 min Scan# 2656

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

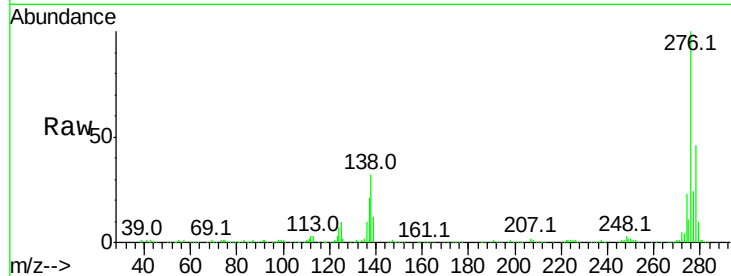
ClientSampleId :

PB98126BSD

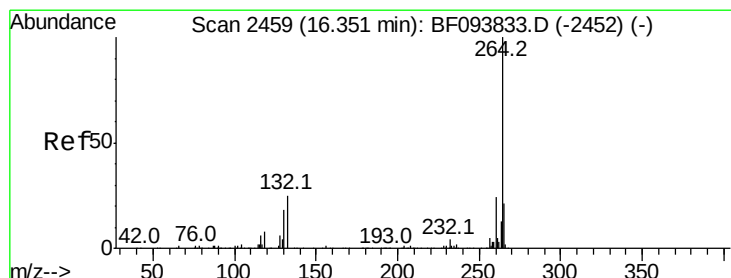
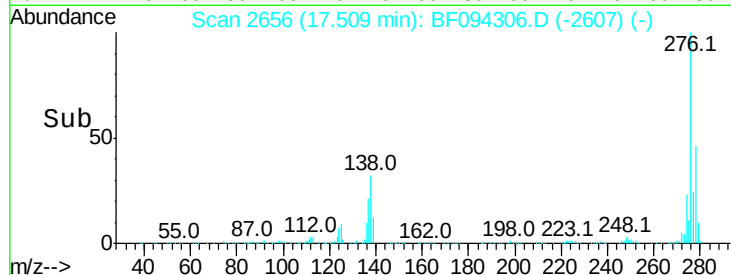
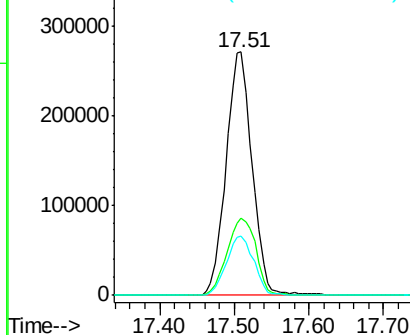
Tot Ion:	276	Resp:	660464
Ion Ratio	Lower	Upper	
276	100		
138	35.0	27.8	41.6
277	25.5	20.2	30.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

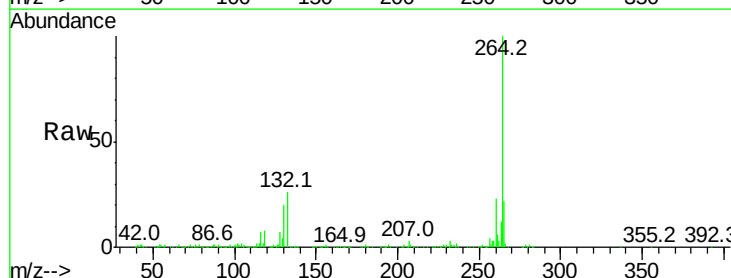
RT: 16.18 min Scan# 2430

Delta R.T. -0.01 min

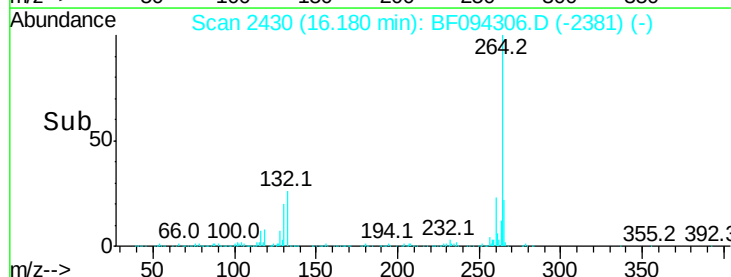
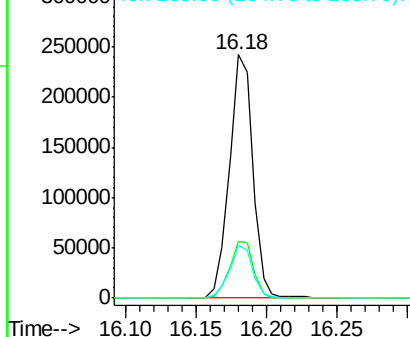
Lab File: BF094306.D

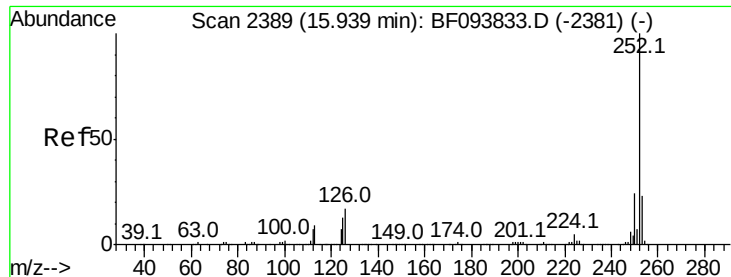
Acq: 10 Apr 2017 13:00

Tgt Ion:	264	Resp:	281424
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.5	29.3
265	21.9	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.24 ng

RT: 15.78 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Instrument :

BNA_F

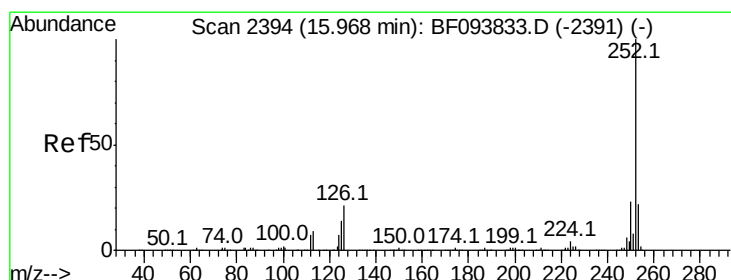
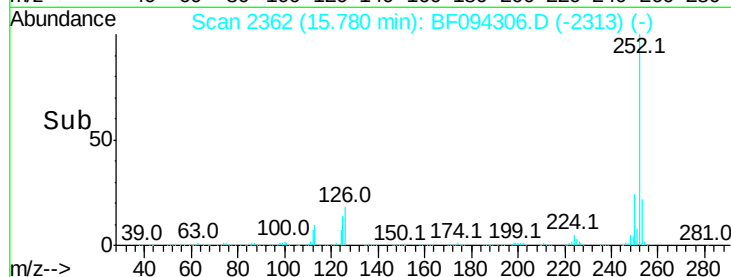
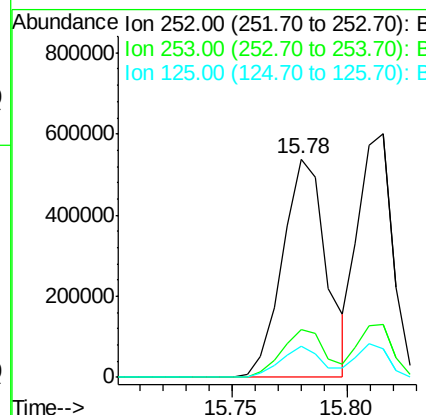
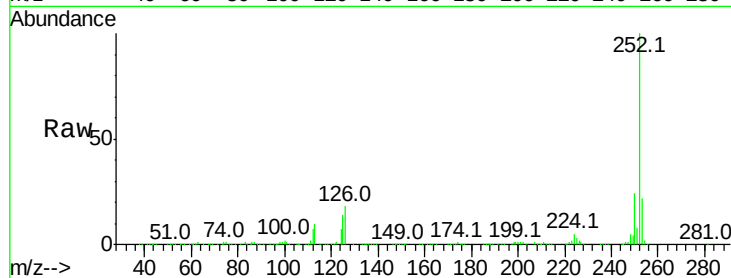
ClientSampleId :

PB98126BSD

Tot Ion:	252	Resp:	711457
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	14.4	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 37.25 ng m

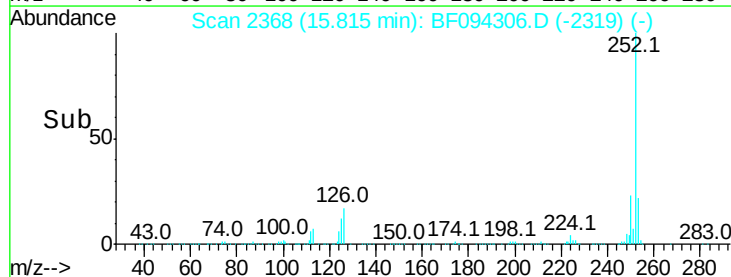
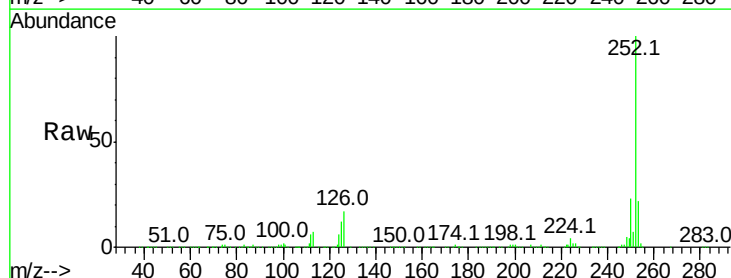
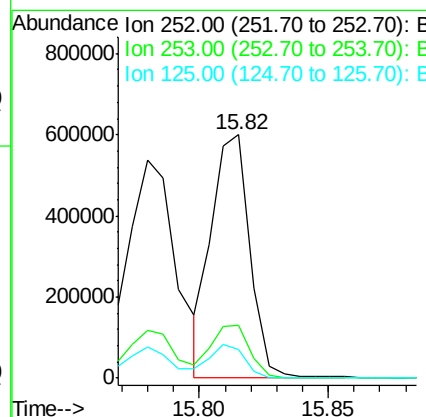
RT: 15.82 min Scan# 2368

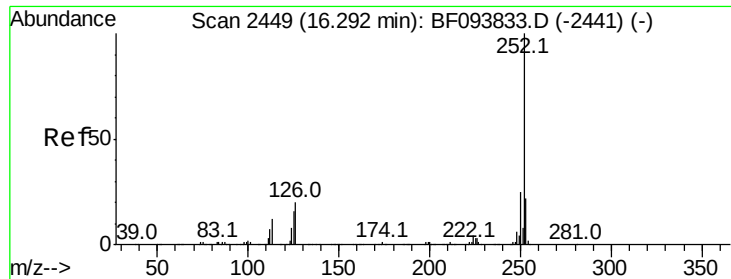
Delta R.T. -0.01 min

Lab File: BF094306.D

Acq: 10 Apr 2017 13:00

Tgt Ion:	252	Resp:	628656
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	11.9	13.1	19.7#





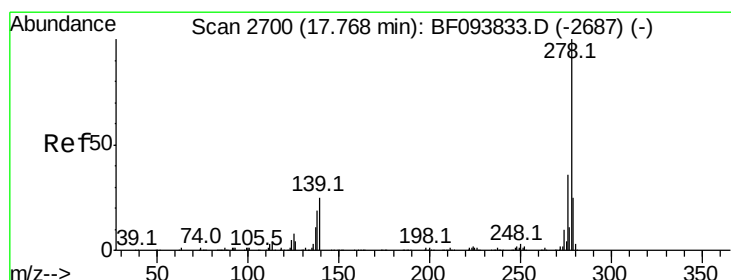
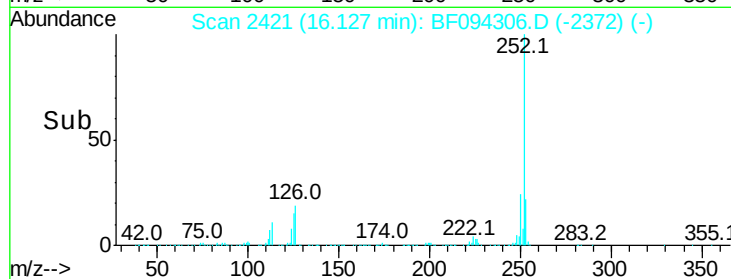
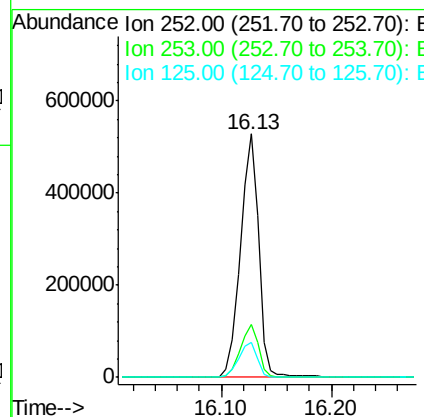
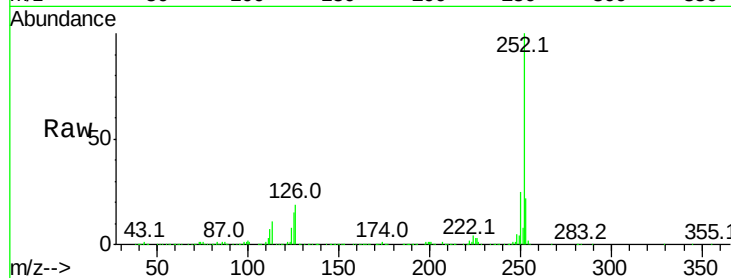
#89
Benzo(a)pyrene
Concen: 38.86 ng
RT: 16.13 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Instrument :
BNA_F
ClientSampleId :
PB98126BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.5	11.0	16.4

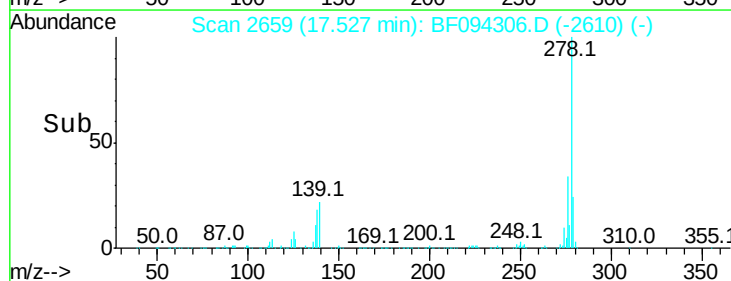
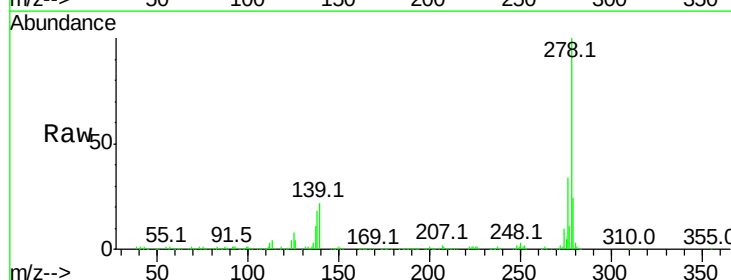
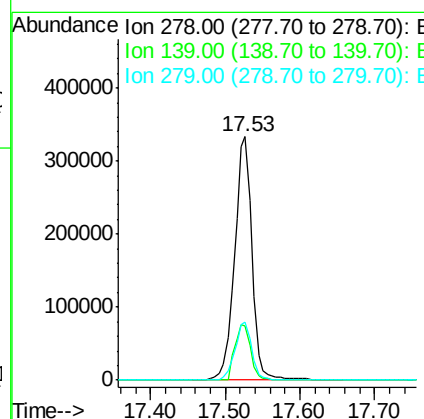
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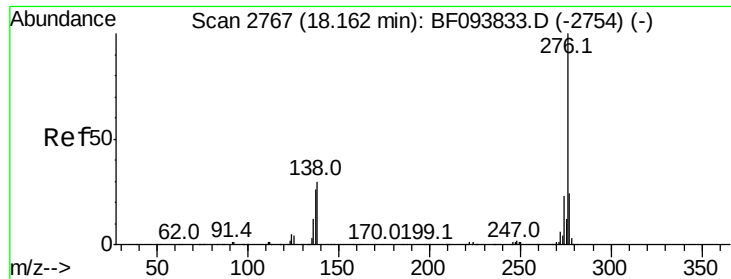
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#90
Dibenzo(a,h)anthracene
Concen: 40.62 ng
RT: 17.53 min Scan# 2659
Delta R.T. -0.01 min
Lab File: BF094306.D
Acq: 10 Apr 2017 13:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	16.6	24.8
279	23.6	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 41.58 ng
 RT: 17.90 min Scan# 2722
 Delta R.T. -0.01 min
 Lab File: BF094306.D
 Acq: 10 Apr 2017 13:00

Instrument :
 BNA_F
 ClientSampleId :
 PB98126BSD

Tot Ion:	276	Resp:	563779
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	29.5	25.4	38.0

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