

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
 Data File : BF094225.D
 Acq On : 6 Apr 2017 13:49
 Operator : SJ/MA
 Sample : PB98085BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

Manual Integrations
 APPROVED

mohammad
 4/7/2017 5:20:42 PM

Quant Time: Apr 06 15:25:07 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	5.85	152	153598	20.00	ng	0.00
21) Naphthalene-d8	7.36	136	625572	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	296253	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	516364	20.00	ng	0.00
75) Chrysene-d12	14.57	240	377306	20.00	ng	0.00
86) Perylene-d12	16.19	264	266778	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.40	112	1170397	128.70	ng	0.01
7) Phenol-d6	5.47	99	1459031	129.69	ng	0.00
23) Nitrobenzene-d5	6.50	82	924530	84.34	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	341614	145.92	ng	0.00
44) 2-Fluorobiphenyl	8.68	172	1688462	86.93	ng	0.00
78) Terphenyl-d14	13.30	244	1458189	86.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	148168	33.91	ng	97
3) Pyridine	2.73	79	441491	37.08	ng	98
4) n-Nitrosodimethylamine	2.69	42	207365	42.32	ng	89
6) Aniline	5.47	93	476563	30.45	ng	# 35
8) 2-Chlorophenol	5.62	128	463512	46.37	ng	95
9) Benzaldehyde	5.35	77	193811	25.51	ng	98
10) Phenol	5.48	94	547628	42.78	ng	91
11) bis(2-Chloroethyl)ether	5.56	93	431192	43.10	ng	98
12) 1,3-Dichlorobenzene	5.79	146	488477	43.57	ng	99
13) 1,4-Dichlorobenzene	5.87	146	494301	43.53	ng	97
14) 1,2-Dichlorobenzene	6.05	146	464427	44.41	ng	95
15) Benzyl Alcohol	6.02	79	379206	46.05	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.19	45	608536	39.47	ng	97
17) 2-Methylphenol	6.16	107	386082	45.10	ng	99
18) Hexachloroethane	6.44	117	174443	43.70	ng	# 82
19) n-Nitroso-di-n-propylamine	6.34	70	316752	43.81	ng	96
20) 3+4-Methylphenols	6.35	107	495100	47.75	ng	# 64
22) Acetophenone	6.33	105	649313	46.57	ng	# 86
24) Nitrobenzene	6.53	77	472665	43.72	ng	95
25) Isophorone	6.82	82	862556	44.78	ng	95
26) 2-Nitrophenol	6.90	139	263133	51.04	ng	99
27) 2,4-Dimethylphenol	6.97	122	429881	48.39	ng	99
28) bis(2-Chloroethoxy)methane	7.07	93	550121	43.31	ng	99
29) 2,4-Dichlorophenol	7.20	162	406856	48.98	ng	97
30) 1,2,4-Trichlorobenzene	7.29	180	386636	45.19	ng	99
31) Naphthalene	7.39	128	1317822	43.81	ng	99
32) Benzoic acid	7.14	122	274271	46.38	ng	98
33) 4-Chloroaniline	7.45	127	365280	29.96	ng	94
34) Hexachlorobutadiene	7.54	225	192695	43.92	ng	98
35) Caprolactam	7.90	113	139322m	52.60	ng	
36) 4-Chloro-3-methylphenol	8.07	107	429384	49.47	ng	90
37) 2-Methylnaphthalene	8.23	142	920389	45.90	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.43	216	339011	41.83	ng	99
40) Hexachlorocyclopentadiene	8.42	237	305432	80.54	ng	98

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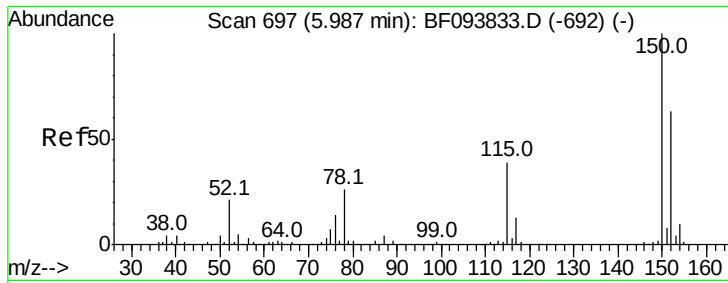
Manual Integrations
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 4/7/2017 5:20:42 PM

Quant Time: Apr 06 15:25:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
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 QLast Update : Thu Apr 06 13:20:29 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.58	196	278064	48.50	nq	99
43) 2,4,5-Trichlorophenol	8.63	196	282520	45.54	nq	93
45) 1,1'-Biphenyl	8.80	154	1028819	43.06	nq	97
46) 2-Chloronaphthalene	8.82	162	825750	44.15	nq	95
47) 2-Nitroaniline	8.95	65	261232	47.08	nq	86
48) Acenaphthylene	9.33	152	1307830	42.07	nq	99
49) Dimethylphthalate	9.19	163	996634	47.33	nq	100
50) 2,6-Dinitrotoluene	9.26	165	226195	46.86	nq	93
51) Acenaphthene	9.54	154	780470	43.03	nq	99
52) 3-Nitroaniline	9.46	138	190662	33.63	nq	86
53) 2,4-Dinitrophenol	9.59	184	223449	86.12	nq	# 73
54) Dibenzofuran	9.75	168	1136055	46.01	nq	99
55) 4-Nitrophenol	9.70	139	377393	85.01	nq	# 74
56) 2,4-Dinitrotoluene	9.75	165	277215	45.71	nq	# 66
57) Fluorene	10.17	166	878822	42.92	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	218015	51.21	nq	97
59) Diethylphthalate	10.06	149	971212	46.66	nq	98
60) 4-Chlorophenyl-phenylether	10.18	204	377359	43.26	nq	92
61) 4-Nitroaniline	10.22	138	261376	48.05	nq	95
62) Azobenzene	10.37	77	951275	48.31	nq	97
64) 4,6-Dinitro-2-methylphenol	10.26	198	156232	49.40	nq	# 71
65) n-Nitrosodiphenylamine	10.33	169	831275	46.55	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	232392	45.76	nq	96
67) Hexachlorobenzene	10.85	284	241967	47.07	nq	# 88
68) Atrazine	11.00	200	239717	44.82	nq	96
69) Pentachlorophenol	11.10	266	261439	81.70	nq	99
70) Phenanthrene	11.35	178	1297317	45.16	nq	99
71) Anthracene	11.42	178	1353219	45.75	nq	99
72) Carbazole	11.62	167	1281715	42.26	nq	99
73) Di-n-butylphthalate	12.07	149	1531590	48.56	nq	99
74) Fluoranthene	12.81	202	1335653	45.41	nq	98
76) Benzidine	12.98	184	420373	28.15	nq	# 93
77) Pyrene	13.09	202	1343785	49.07	nq	100
79) Butylbenzylphthalate	13.90	149	636185	54.53	nq	# 83
80) Benzo(a)anthracene	14.56	228	1030906	46.86	nq	99
81) 3,3'-Dichlorobenzidine	14.53	252	276193	35.12	nq	# 95
82) Chrysene	14.60	228	904609	44.31	nq	100
83) Bis(2-ethylhexyl)phthalate	14.62	149	880277	55.30	nq	# 99
84) Di-n-octyl phthalate	15.37	149	1350866	50.80	nq	97
85) Indeno(1,2,3-cd)pyrene	17.52	276	769257	43.50	nq	99
87) Benzo(b)fluoranthene	15.79	252	766899	46.90	nq	99
88) Benzo(k)fluoranthene	15.82	252	738028	46.13	nq	96
89) Benzo(a)pyrene	16.14	252	703133	46.69	nq	100
90) Dibenzo(a,h)anthracene	17.54	278	639607	50.15	nq	97
91) Benzo(g,h,i)perylene	17.91	276	668357	52.00	nq	98

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



#1

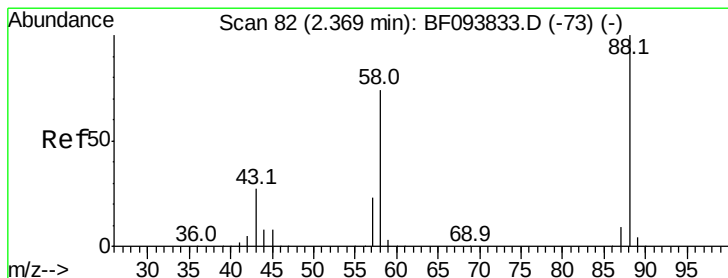
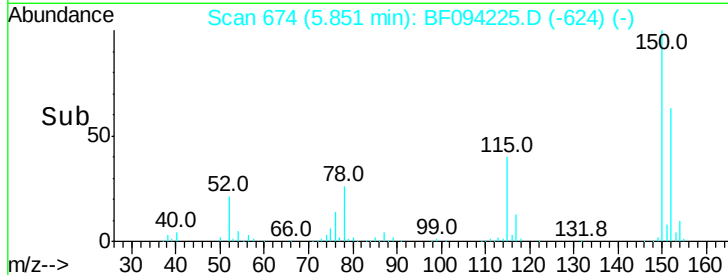
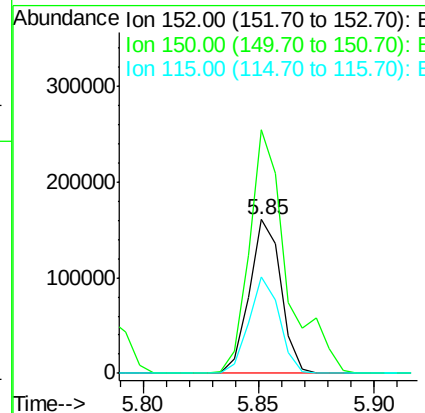
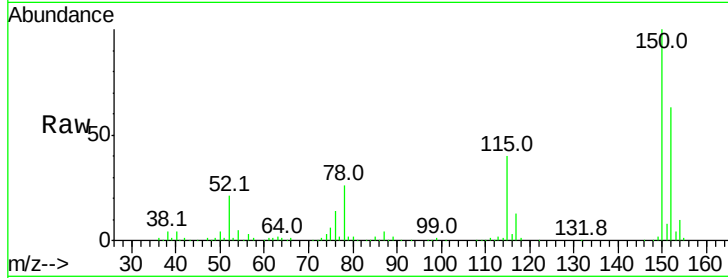
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
PB98085BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.2	189.2
115	62.6	52.2	78.2

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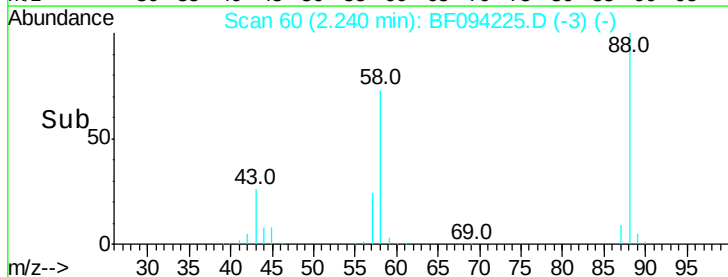
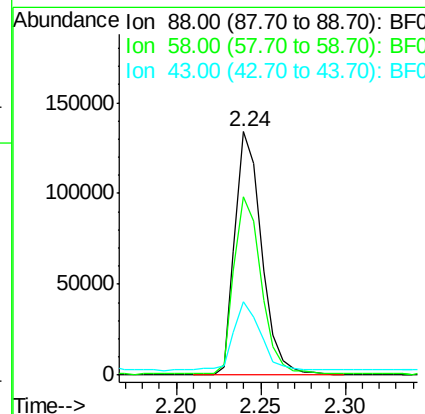
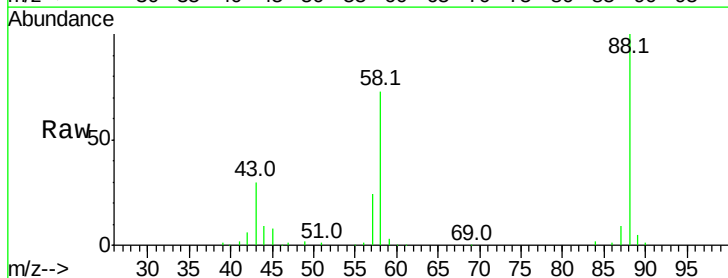
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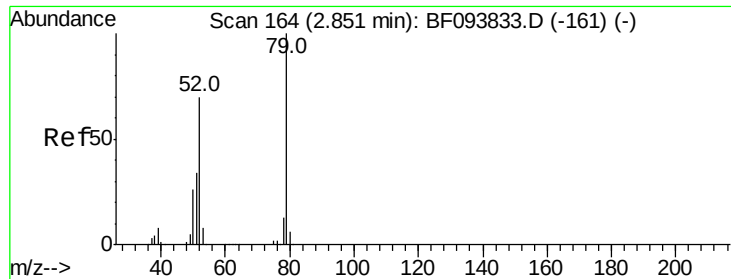


#2

1,4-Dioxane
Concen: 33.91 ng
RT: 2.24 min Scan# 60
Delta R.T. 0.04 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	61.4	92.0
43	27.5	23.4	35.0





#3

Pvridine

Concen: 37.08 ng

RT: 2.73 min Scan# 143

Delta R.T. 0.03 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

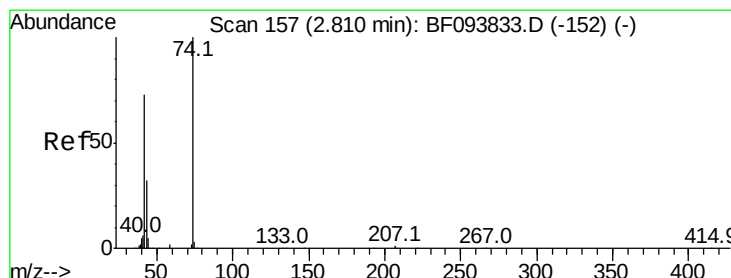
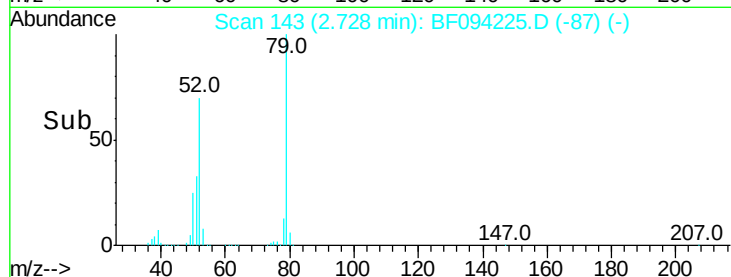
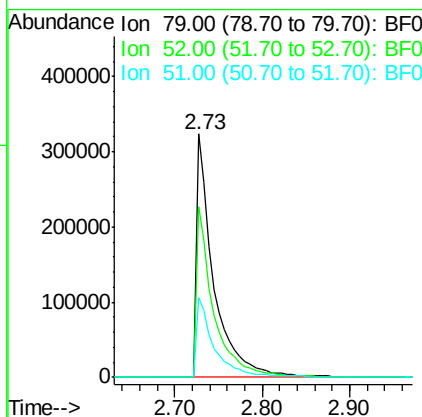
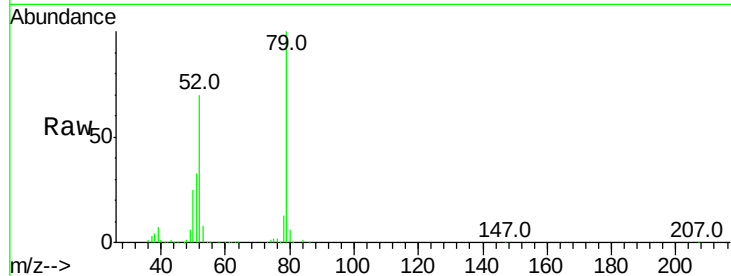
ClientSampleId :

PB98085BS

Tot Ion:	79	Resp:	441491
Ion Ratio	Lower	Upper	
79	100		
52	70.1	54.8	82.2
51	33.0	27.0	40.4

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.32 ng

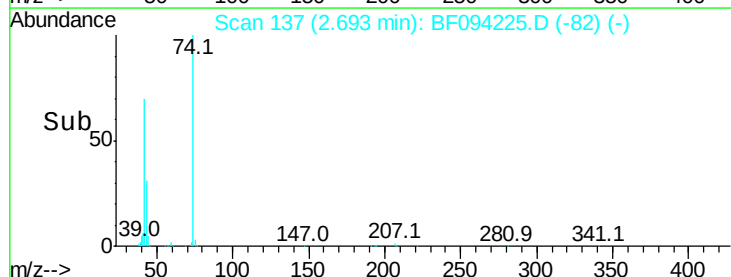
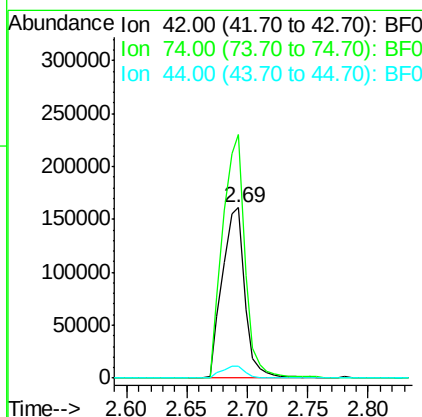
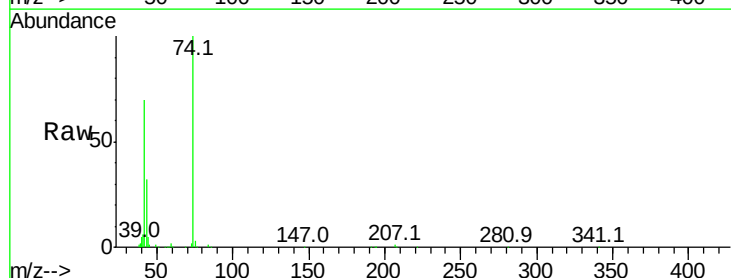
RT: 2.69 min Scan# 137

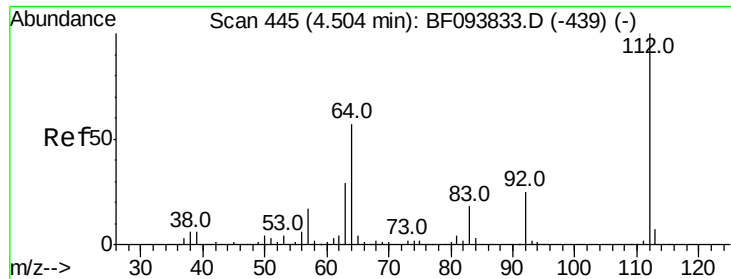
Delta R.T. 0.02 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Tgt Ion:	42	Resp:	207365
Ion Ratio	Lower	Upper	
42	100		
74	142.8	103.9	155.9
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 128.70 ng

RT: 4.40 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

Tot Ion:112 Resp: 1170397

Ion Ratio Lower Upper

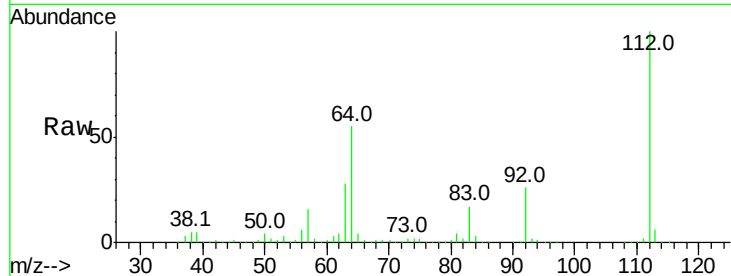
112 100

64 54.8 46.0 69.0

63 27.9 23.4 35.0

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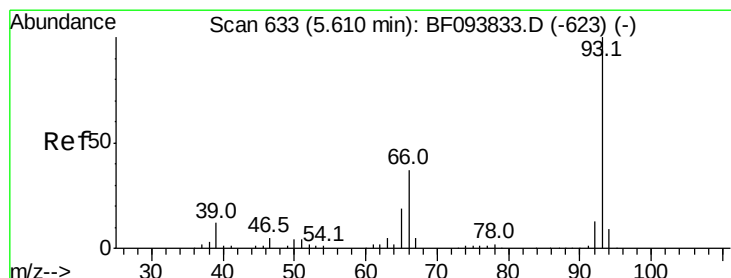
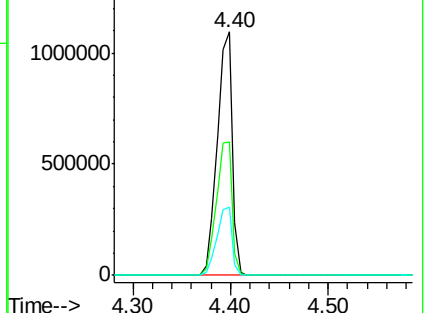
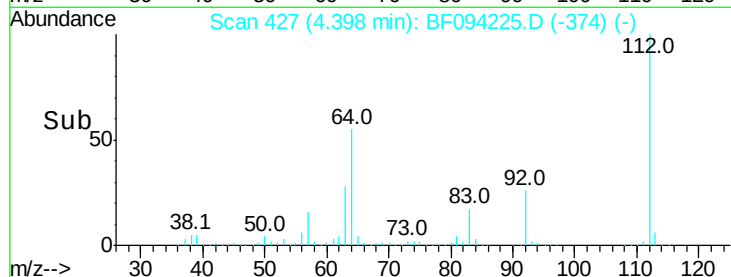
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 30.45 ng

RT: 5.47 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

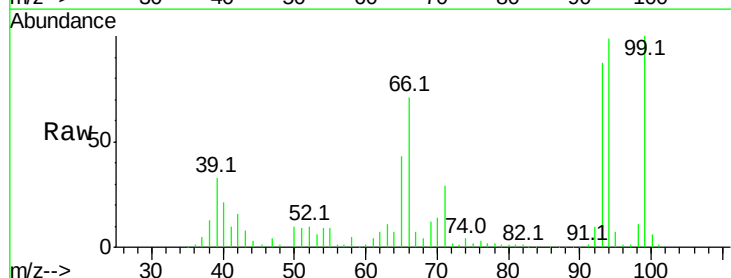
Tgt Ion: 93 Resp: 476563

Ion Ratio Lower Upper

93 100

66 81.6 32.9 49.3#

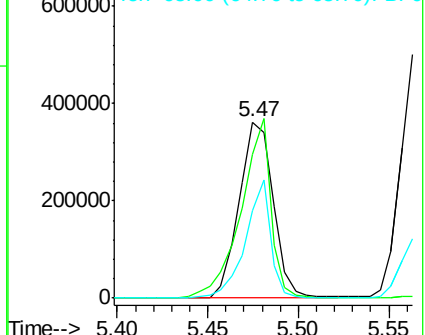
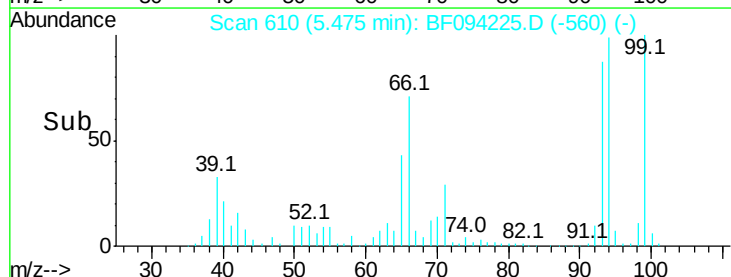
65 49.7 16.0 24.0#

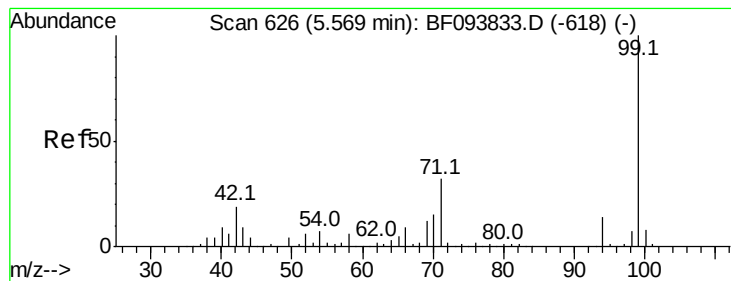


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.69 ng

RT: 5.47 min Scan# 609

Delta R.T. 0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

Tot Ion: 99 Resp: 1459031

Ion Ratio Lower Upper

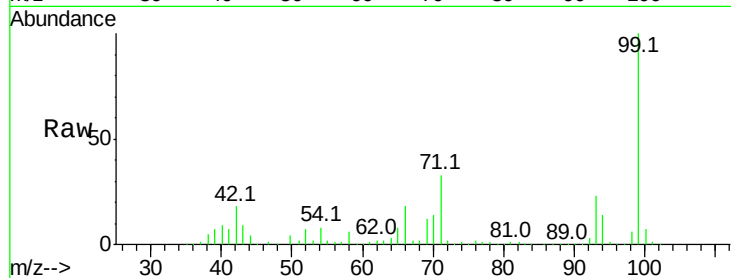
99 100

42 17.6 13.5 20.3

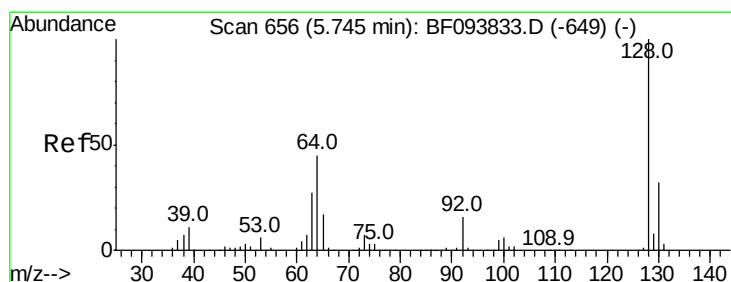
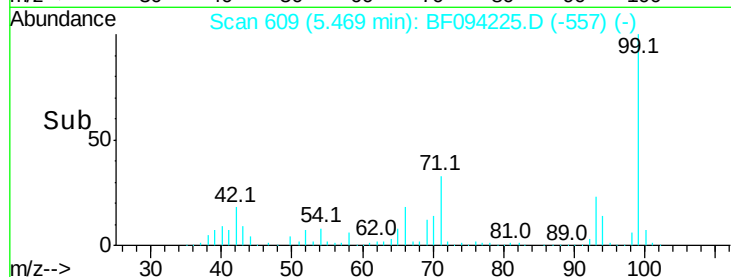
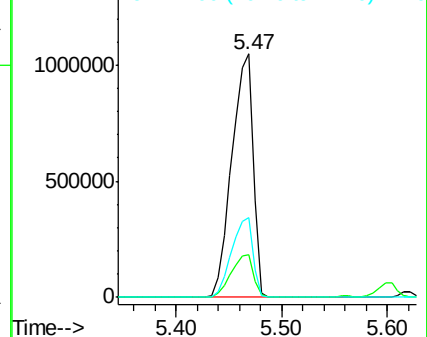
71 32.9 24.5 36.7

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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: 46.37 ng

RT: 5.62 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

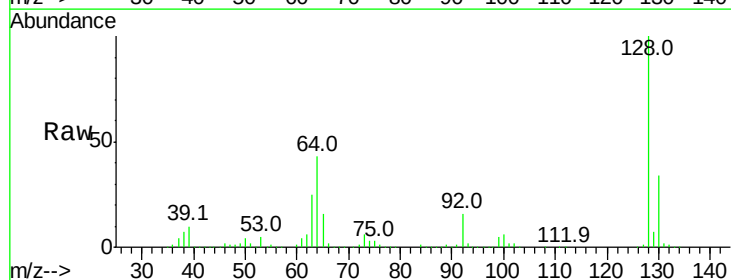
Tgt Ion:128 Resp: 463512

Ion Ratio Lower Upper

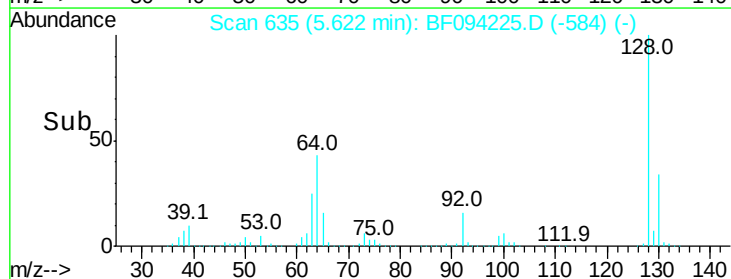
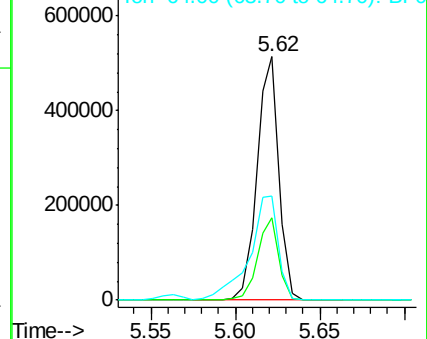
128 100

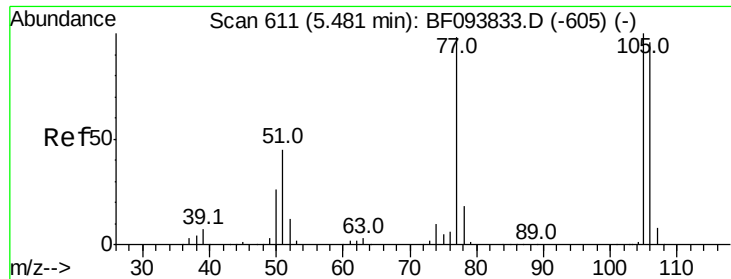
130 33.7 12.9 52.9

64 42.9 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: 25.51 ng

RT: 5.35 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

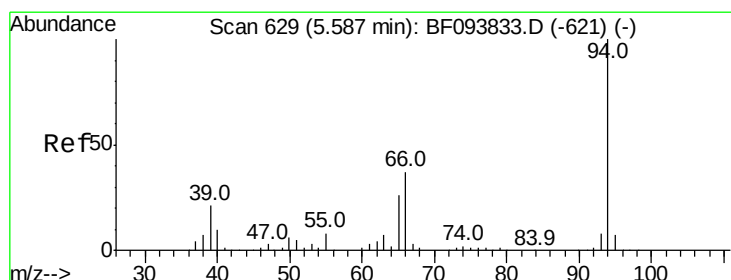
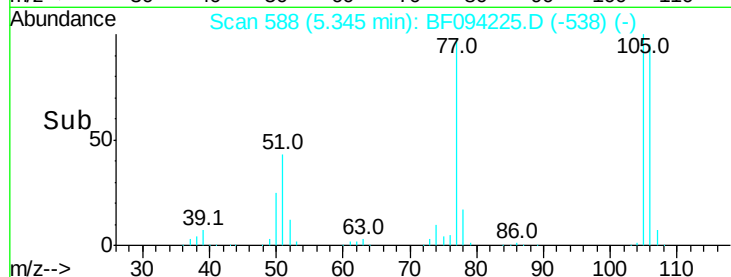
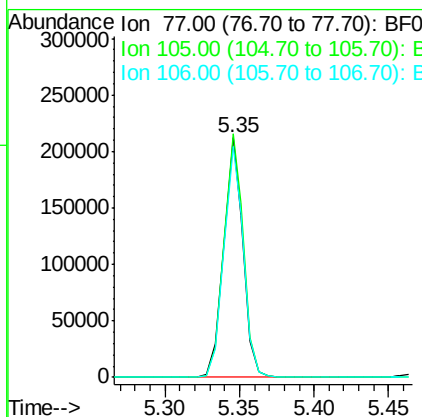
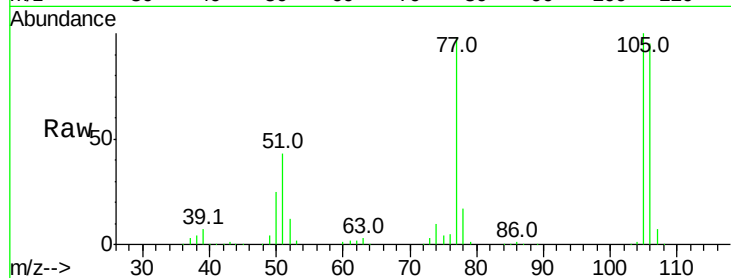
ClientSampleId :

PB98085BS

Tot Ion:	77	Resp:	193811
Ion Ratio	Lower	Upper	
77	100		
105	101.7	83.8	123.8
106	96.6	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 42.78 ng

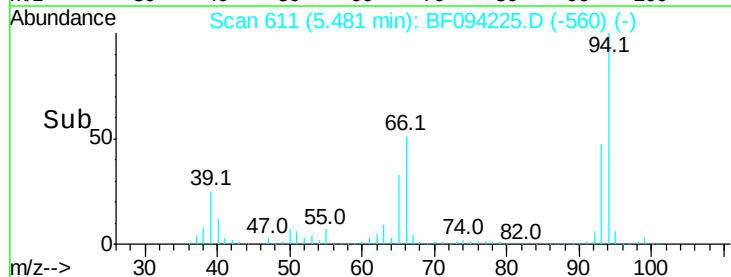
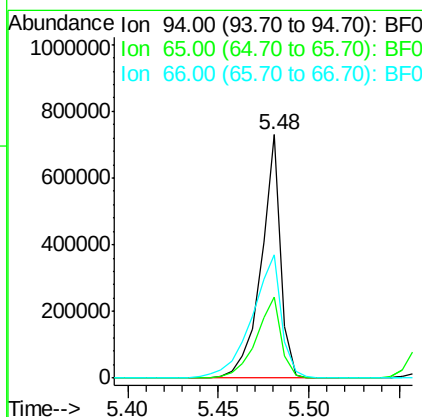
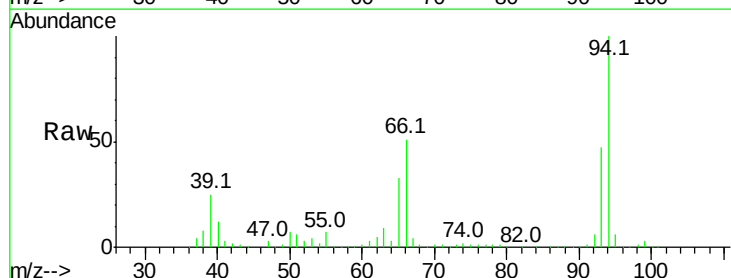
RT: 5.48 min Scan# 611

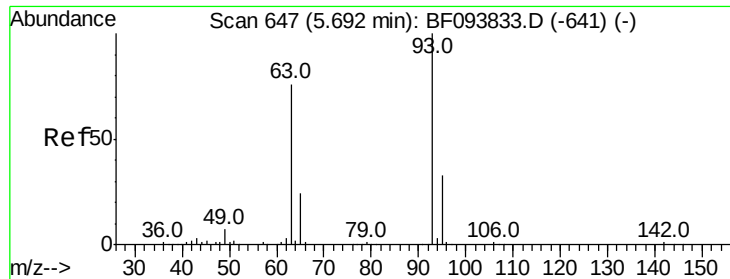
Delta R.T. -0.00 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Tgt Ion:	94	Resp:	547628
Ion Ratio	Lower	Upper	
94	100		
65	33.3	9.9	49.9
66	50.6	23.1	63.1





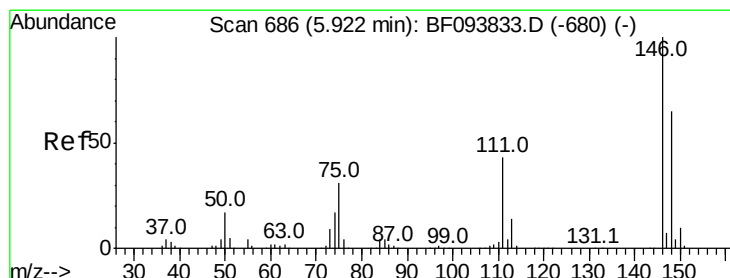
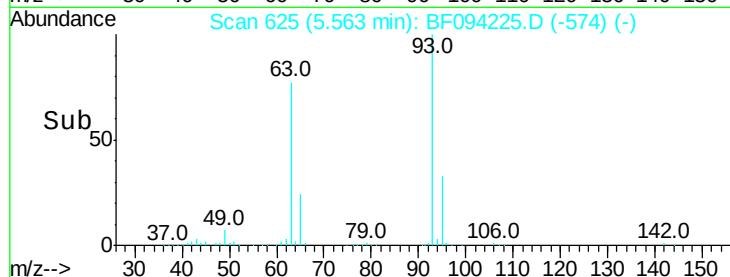
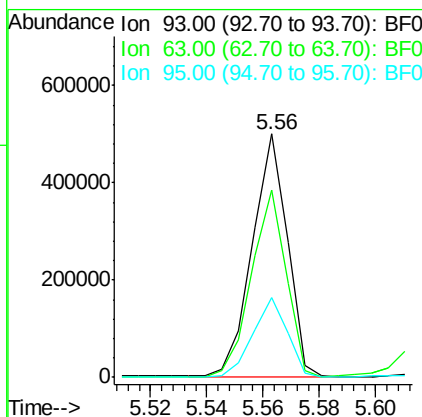
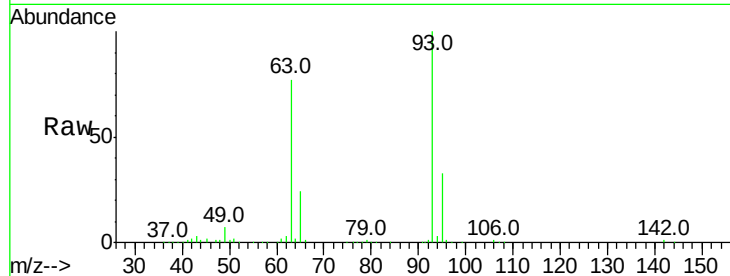
#11
bis(2-Chloroethyl)ether
Concen: 43.10 ng
RT: 5.56 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
PB98085BS

Tot Ion:	93	Resp:	431192
Ion Ratio	Lower	Upper	
93	100		
63	76.8	59.2	99.2
95	32.6	12.8	52.8

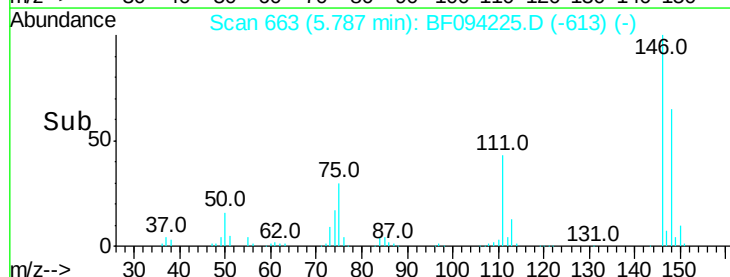
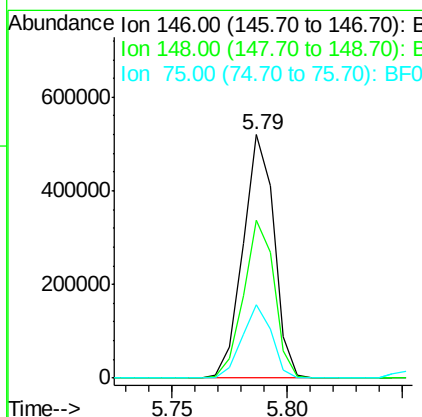
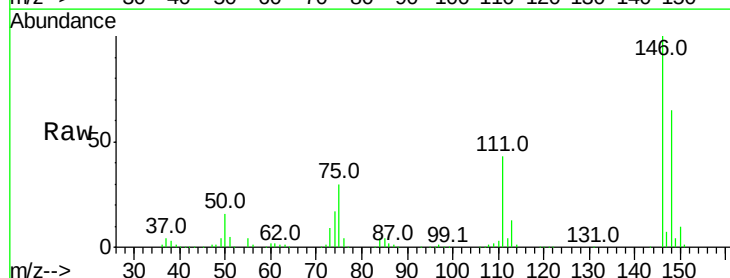
Manual Integrations
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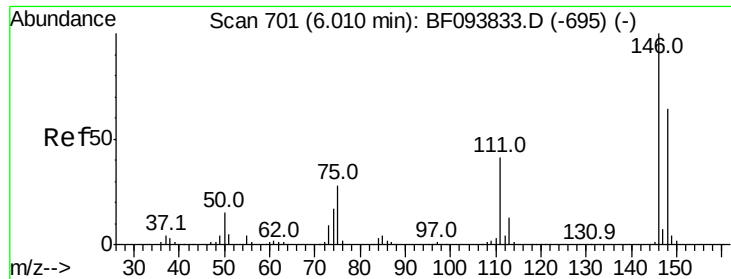
mohammad
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#12
1,3-Dichlorobenzene
Concen: 43.57 ng
RT: 5.79 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion:	146	Resp:	488477
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.8	77.6
75	30.1	23.1	34.7





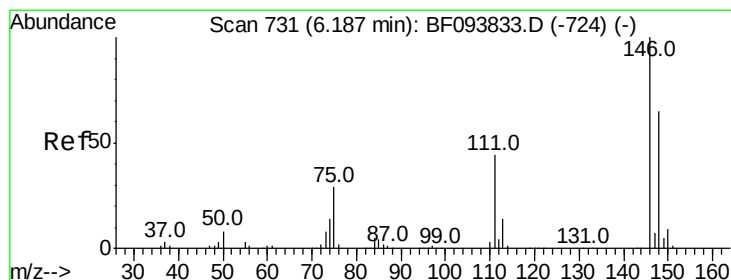
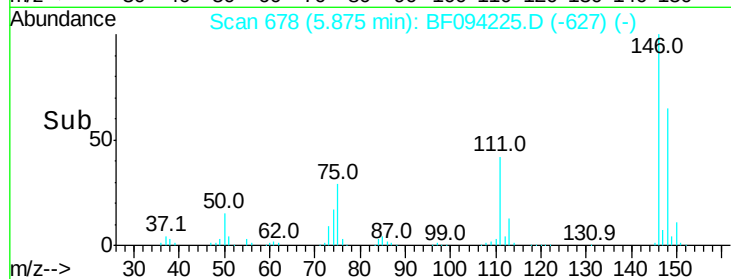
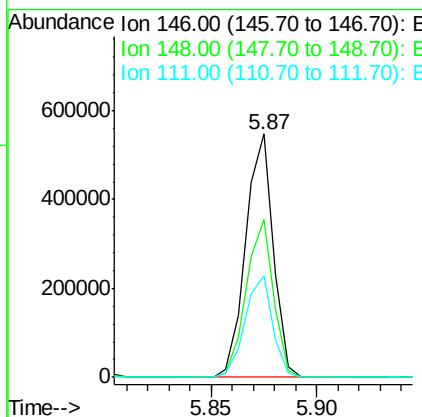
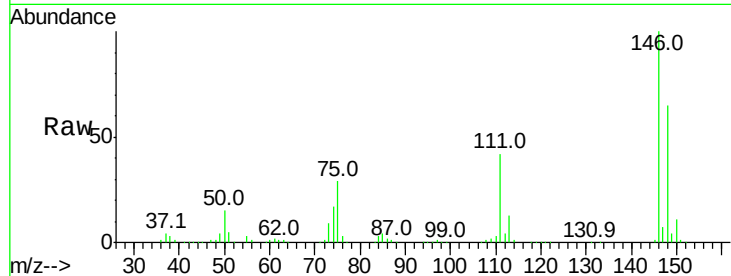
#13
 1,4-Dichlorobenzene
 Concen: 43.53 ng
 RT: 5.87 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	41.8	30.3	45.5

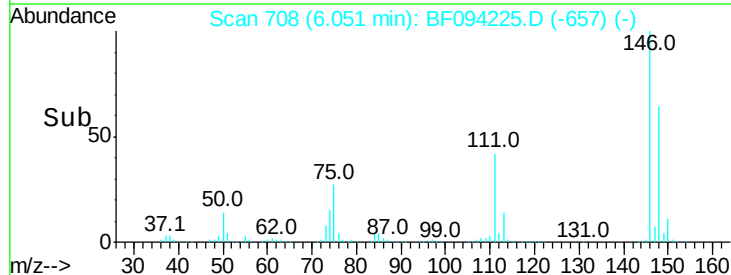
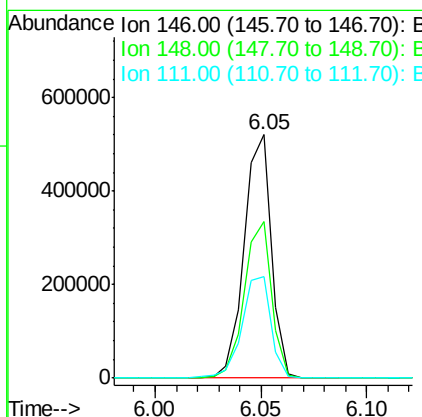
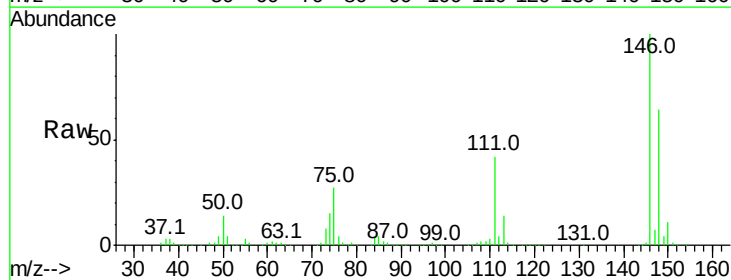
Manual Integrations
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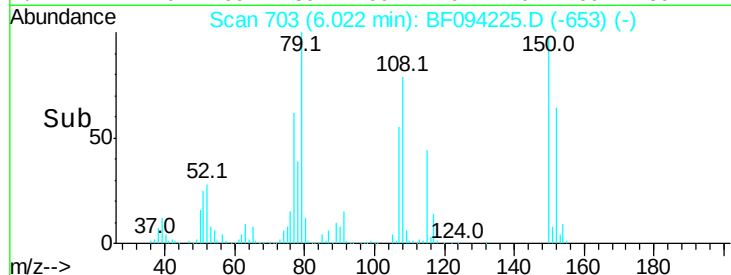
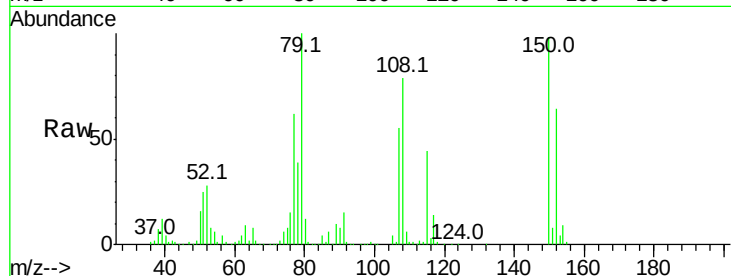
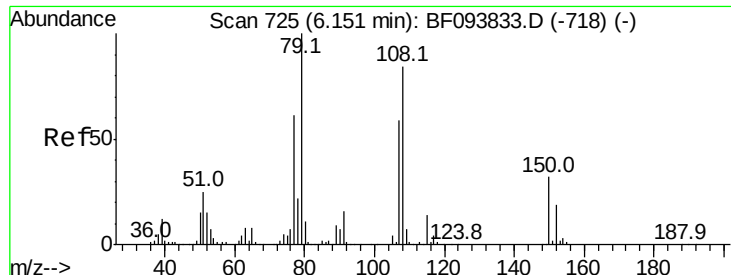
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#14
 1,2-Dichlorobenzene
 Concen: 44.41 ng
 RT: 6.05 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.4	75.6
111	41.8	38.2	57.4





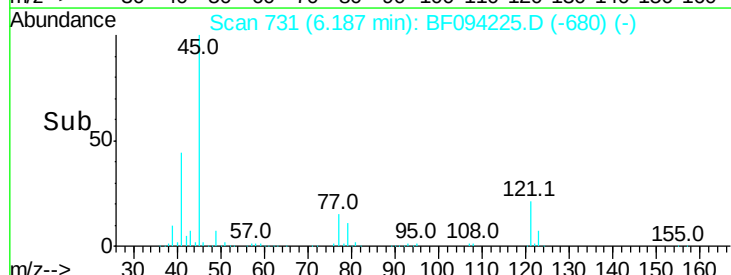
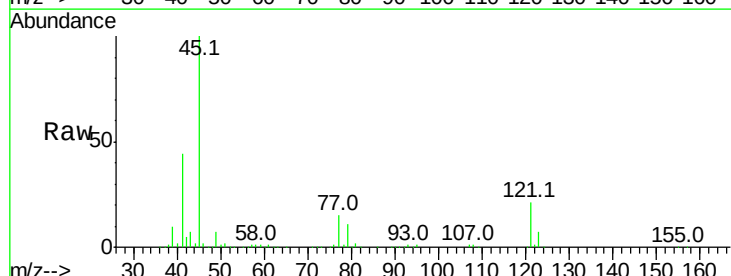
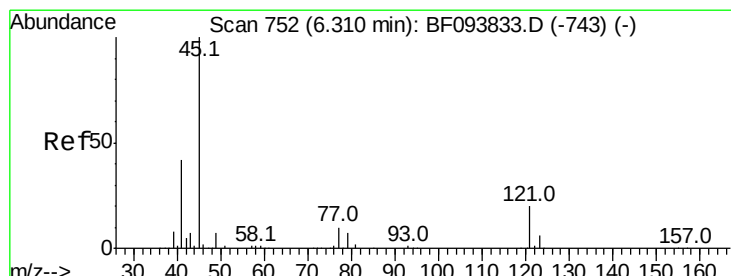
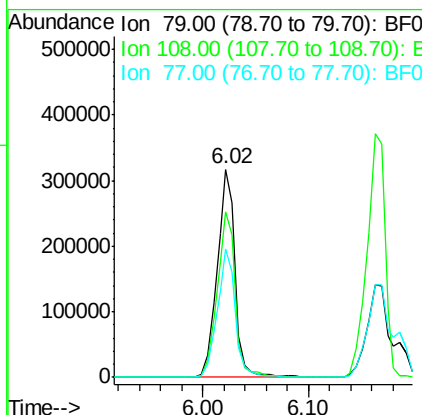
#15
Benzyl Alcohol
Concen: 46.05 ng
RT: 6.02 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.5	63.4	95.0	
77	61.5	49.2	73.8	

Instrument :
BNA_F
ClientSampled :
PB98085BS

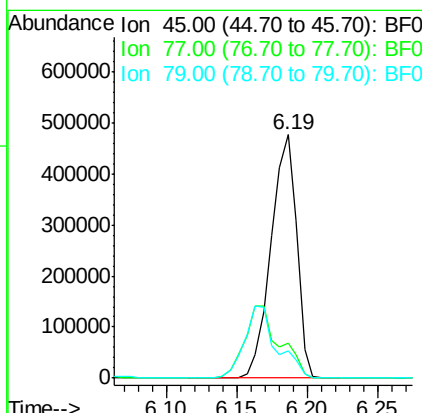
Manual Integrations
APPROVED

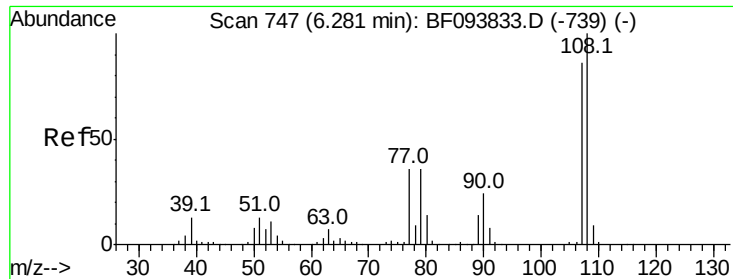
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.47 ng
RT: 6.19 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	14.5	0.0	33.2	
79	11.3	0.0	30.0	





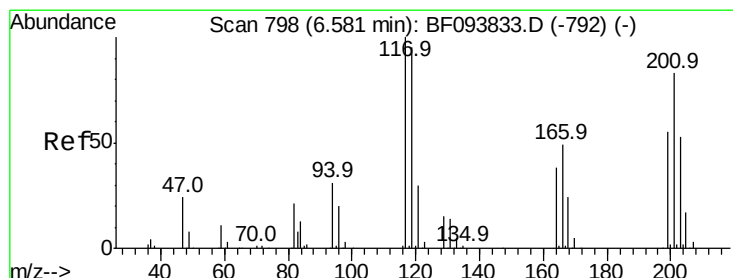
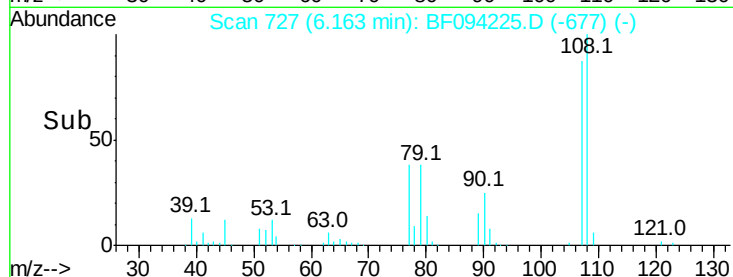
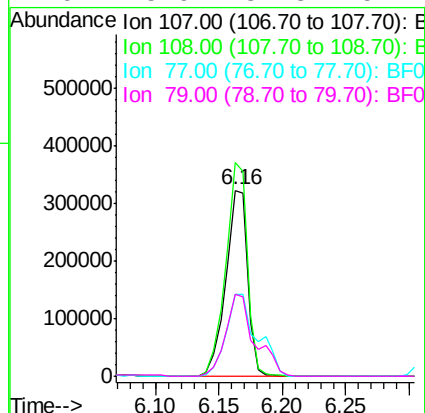
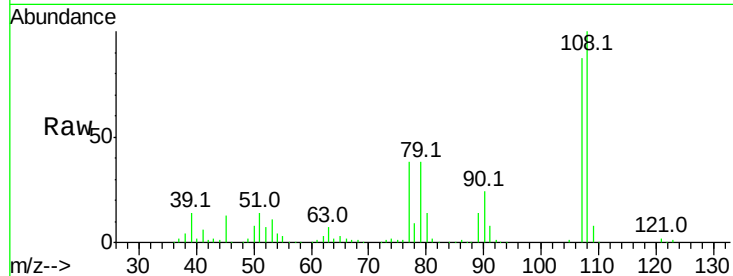
#17
2-Methylphenol
Concen: 45.10 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
PB98085BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	386082		
108	108	114.9		93.4	140.0
77	77	44.0		35.8	53.6
79	79	43.9		34.8	52.2

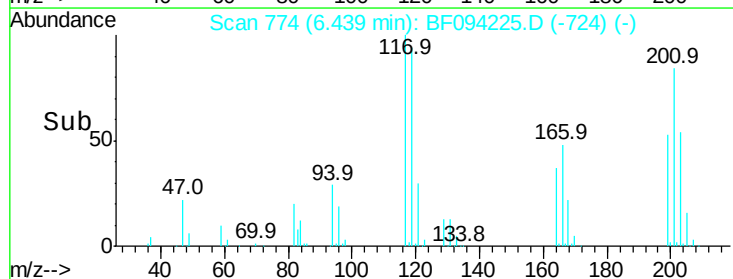
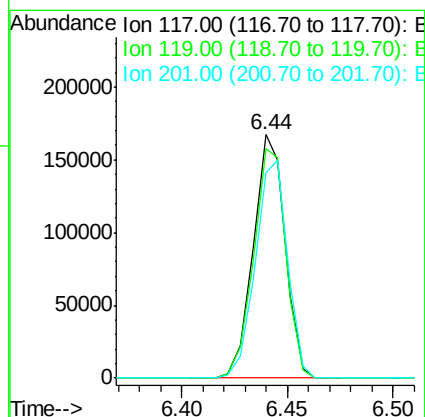
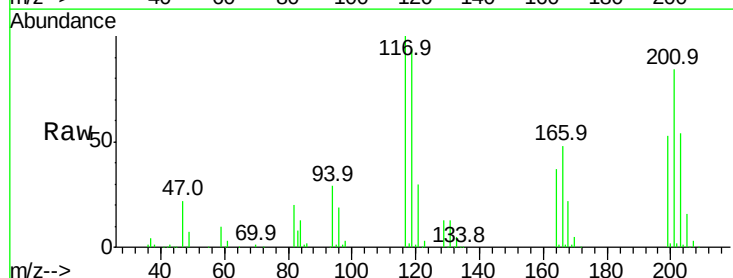
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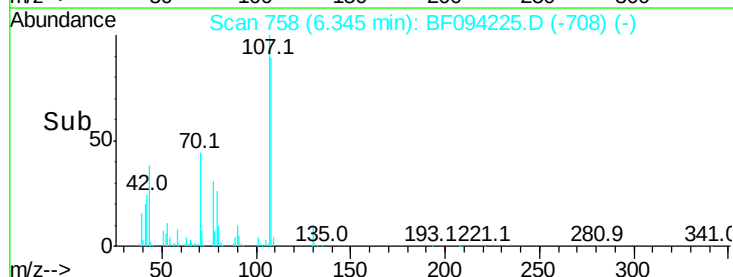
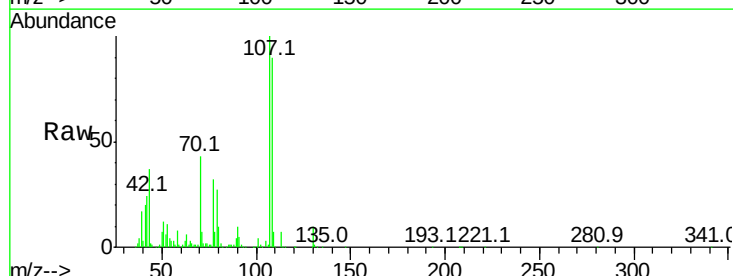
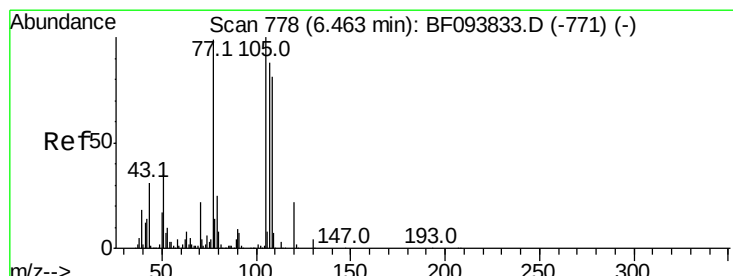
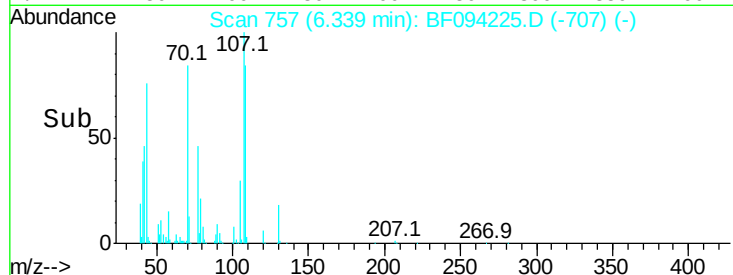
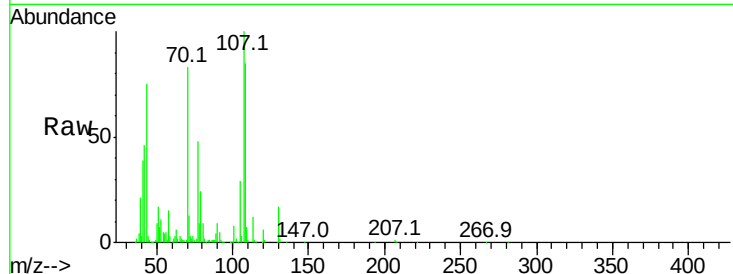
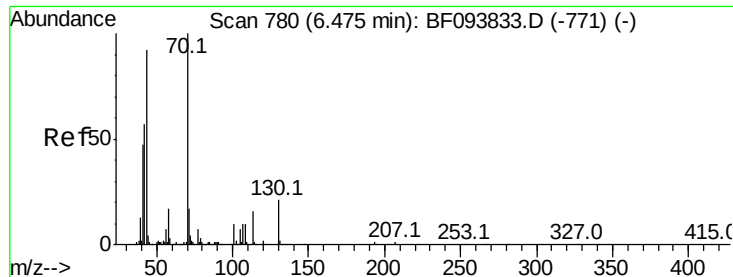
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#18
Hexachloroethane
Concen: 43.70 ng
RT: 6.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

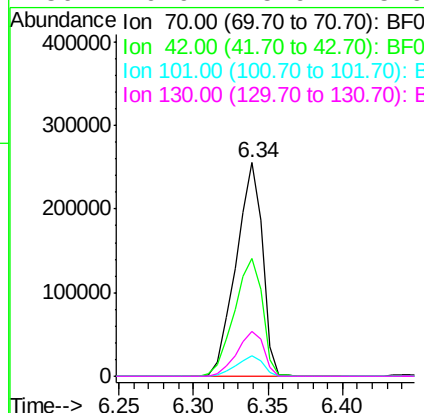
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	174443		
119	119	94.2		77.4	116.0
201	201	84.5		94.6	141.8#





#19
n-Nitroso-di-n-propylamine
Concen: 43.81 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.3	47.2	70.8		
101	9.7	7.2	10.8		
130	20.9	15.9	23.9		



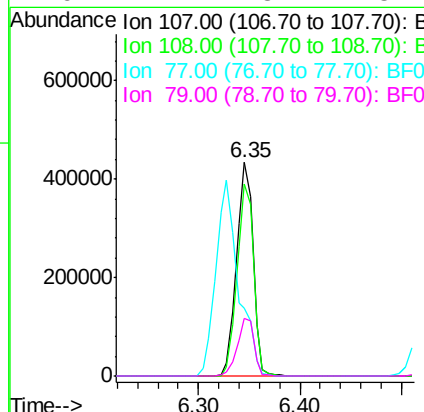
Instrument :
BNA_F
ClientSampleId :
PB98085BS

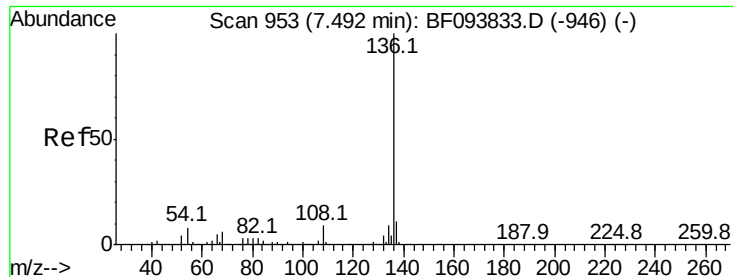
Manual Integrations
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#20
3+4-Methylphenols
Concen: 47.75 ng
RT: 6.35 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.0	71.0	111.0		
77	32.0	90.5	130.5#		
79	27.2	8.4	48.4		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.36 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

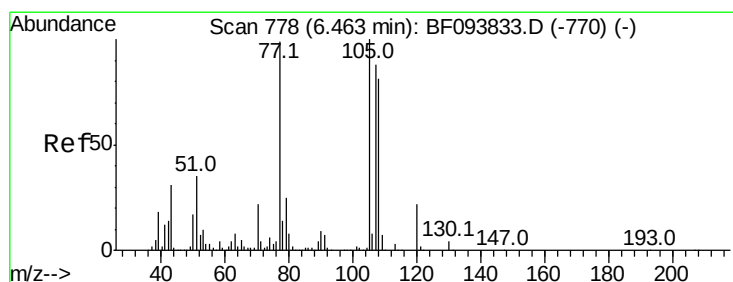
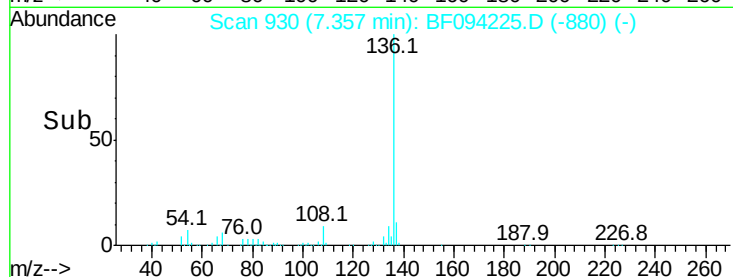
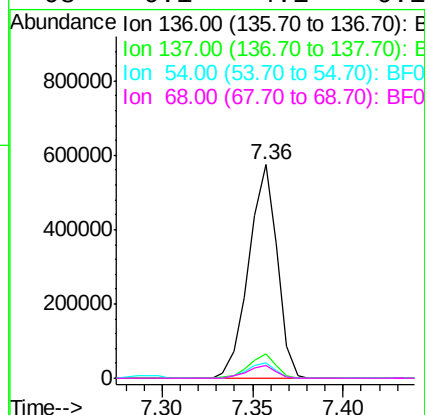
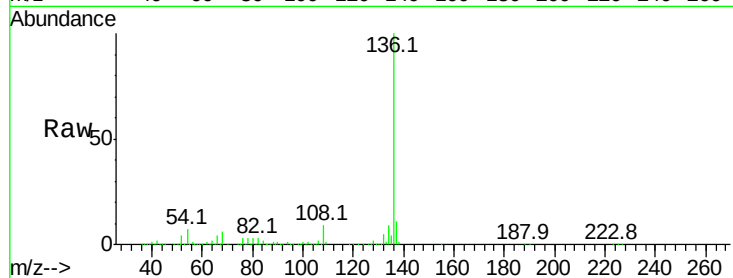
ClientSampleId :

PB98085BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	625572		
137	11.4	8.5	12.7	
54	7.3	4.9	7.3#	
68	6.1	4.1	6.1	

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#22

Acetophenone

Concen: 46.57 ng

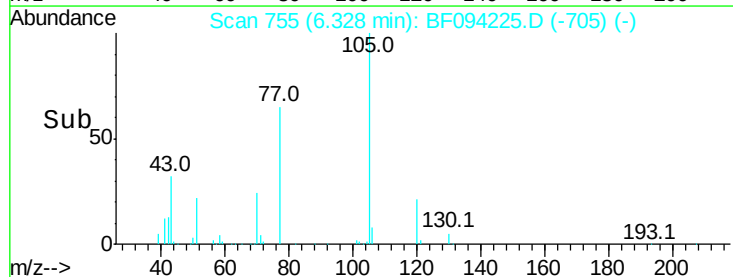
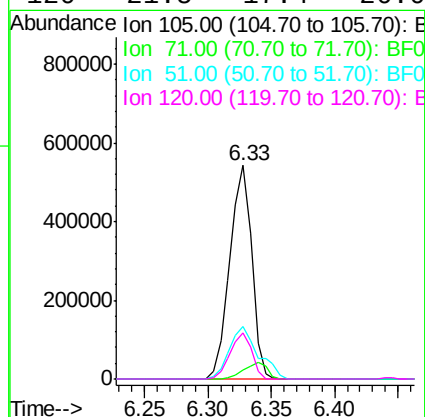
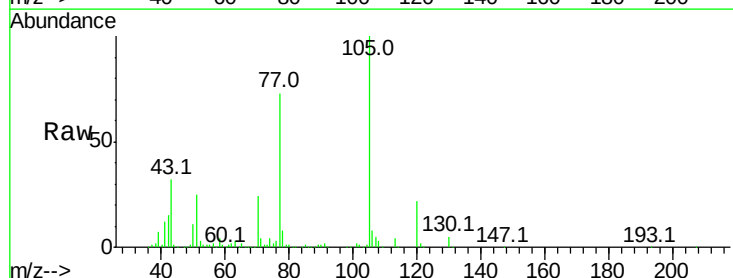
RT: 6.33 min Scan# 755

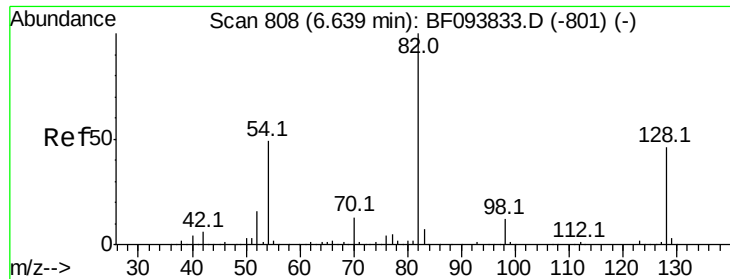
Delta R.T. -0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	649313		
71	4.3	2.8	4.2#	
51	24.8	30.7	46.1#	
120	21.5	17.4	26.0	





#23

Nitrobenzene-d5

Concen: 84.34 ng

RT: 6.50 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

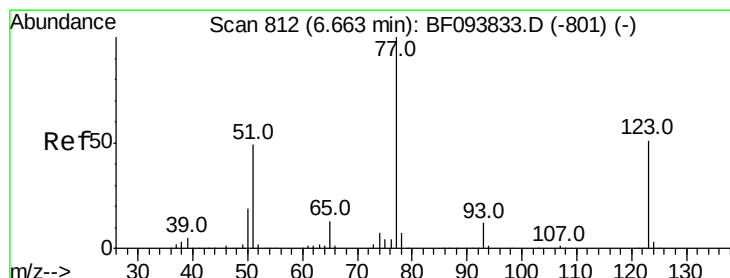
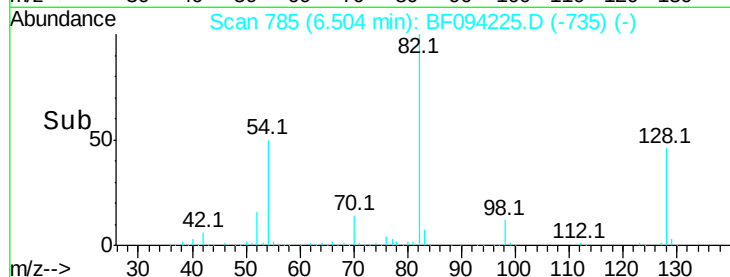
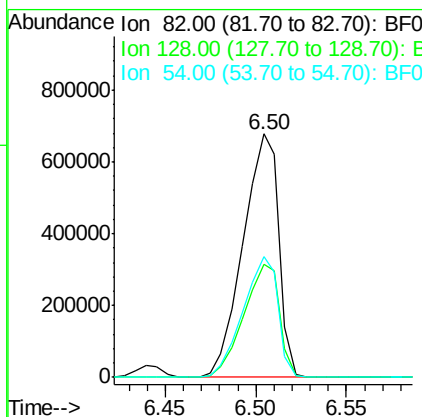
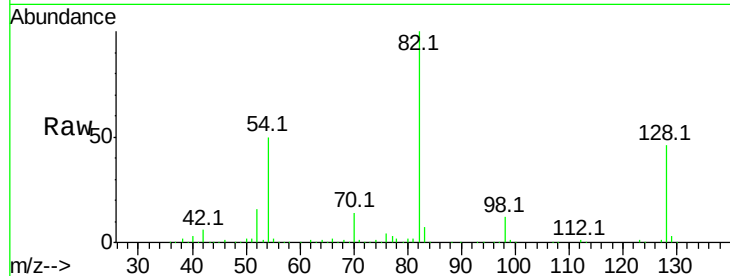
ClientSampled :

PB98085BS

Tot Ion:	82	Resp:	924530
Ion Ratio	Lower	Upper	
82	100		
128	46.3	34.0	51.0
54	49.7	42.2	63.2

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#24

Nitrobenzene

Concen: 43.72 ng

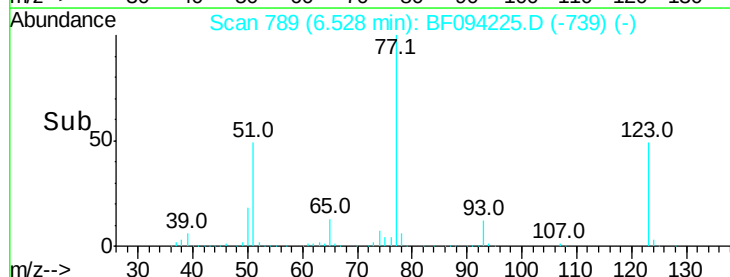
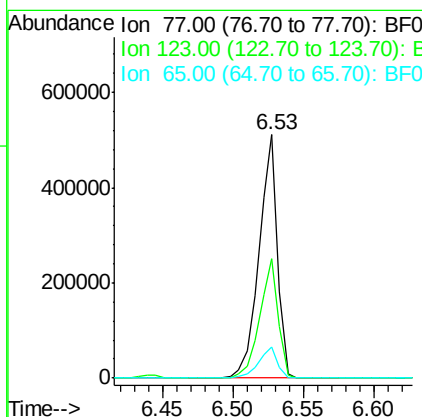
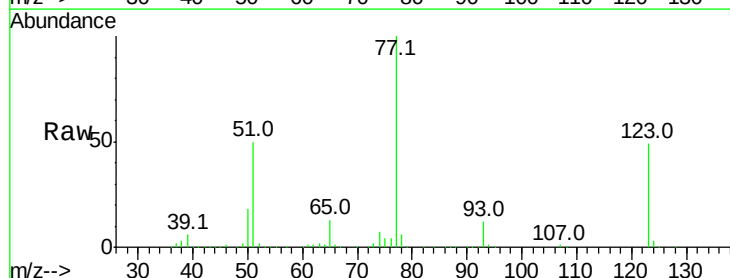
RT: 6.53 min Scan# 789

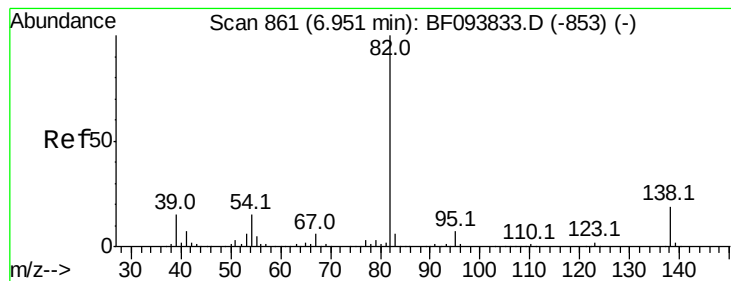
Delta R.T. -0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Tgt Ion:	77	Resp:	472665
Ion Ratio	Lower	Upper	
77	100		
123	48.9	35.8	53.8
65	12.7	10.6	15.8





#25

Isophorone

Concen: 44.78 ng

RT: 6.82 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

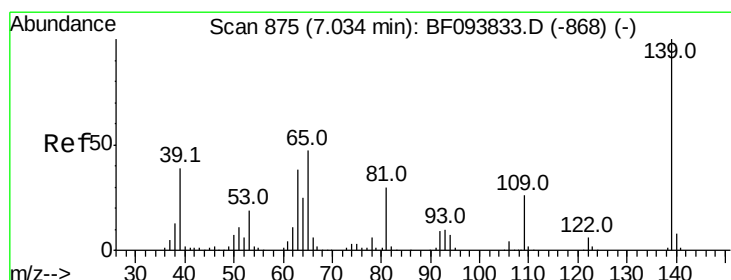
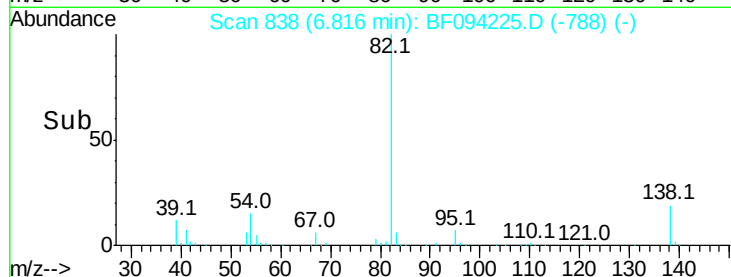
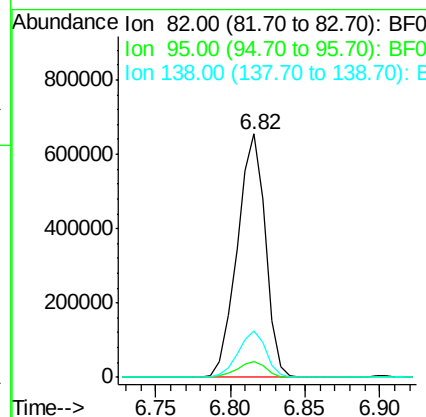
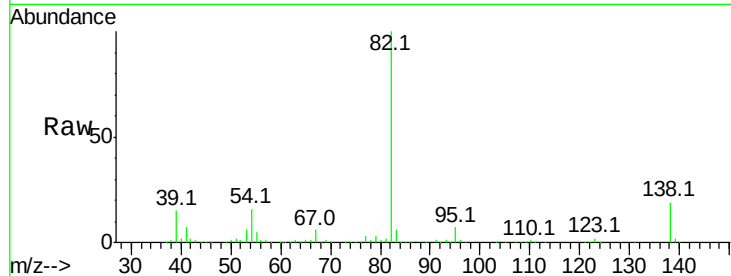
ClientSampleId :

PB98085BS

Tot Ion:	82	Resp:	862556
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.2	13.1	19.7

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#26

2-Nitrophenol

Concen: 51.04 ng

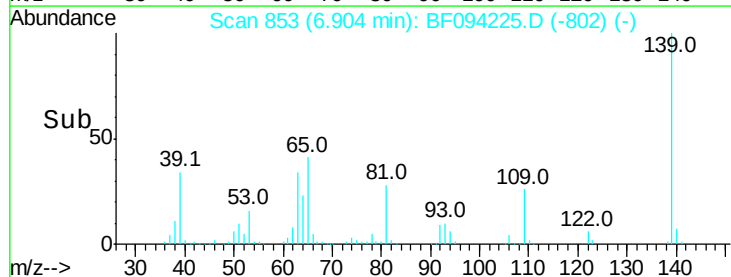
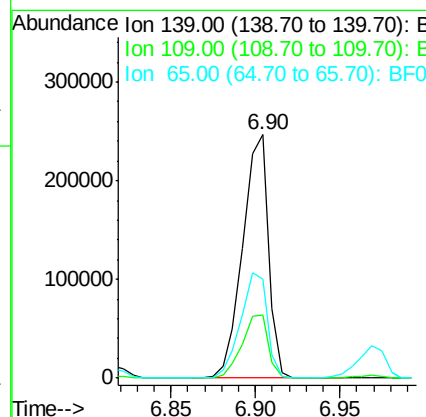
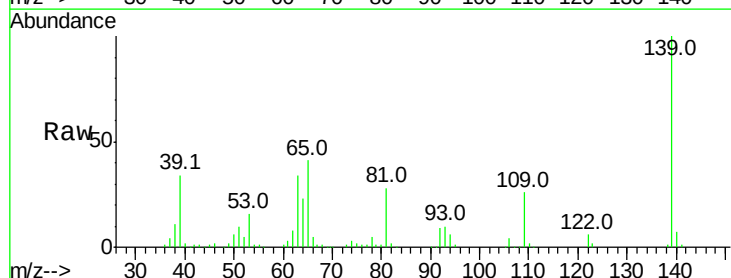
RT: 6.90 min Scan# 853

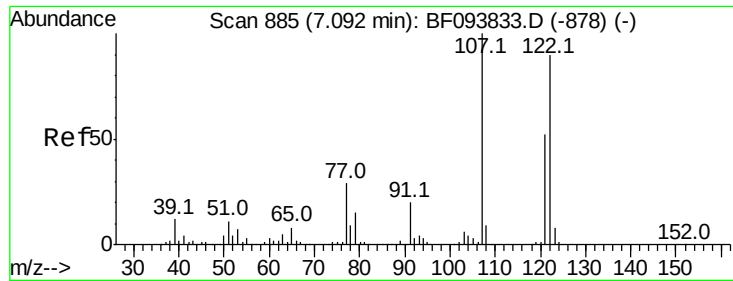
Delta R.T. -0.00 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Tgt Ion:	139	Resp:	263133
Ion Ratio	Lower	Upper	
139	100		
109	25.8	21.0	31.6
65	40.8	33.0	49.6





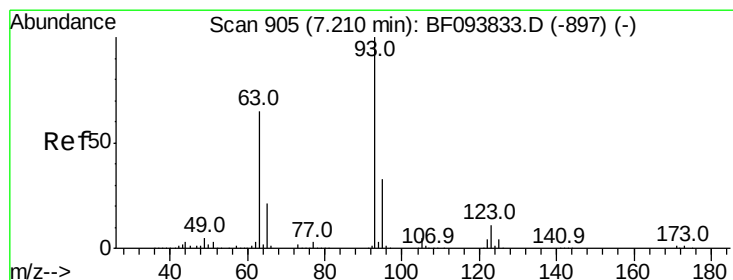
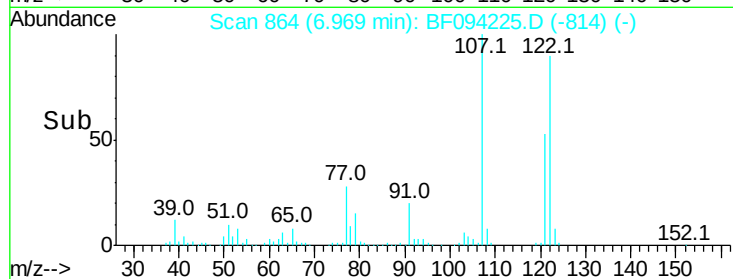
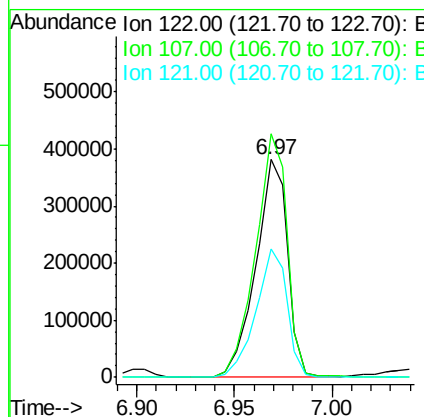
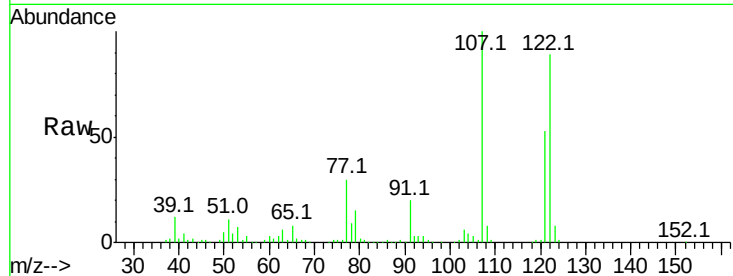
#27
2,4-Dimethylphenol
Concen: 48.39 ng
RT: 6.97 min Scan# 864
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampled :
PB98085BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.8	89.2	133.8
121	58.8	45.2	67.8

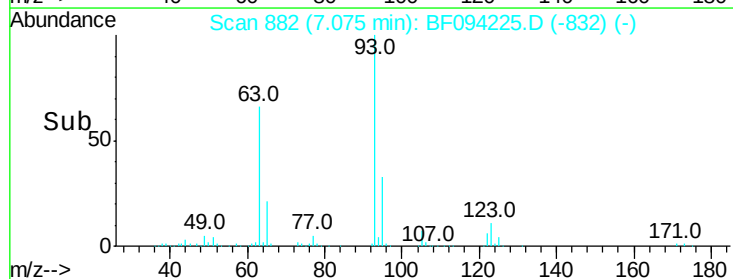
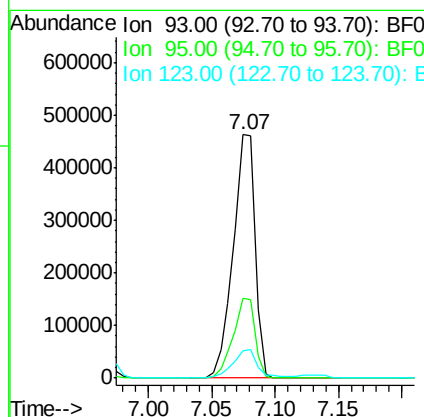
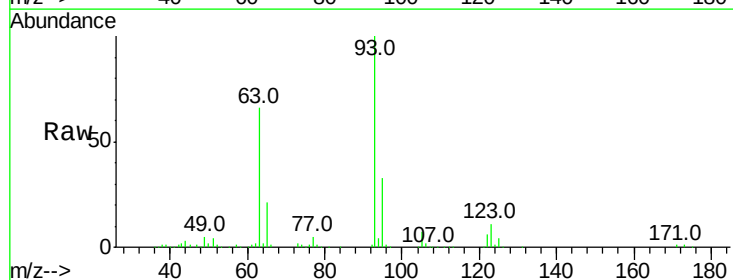
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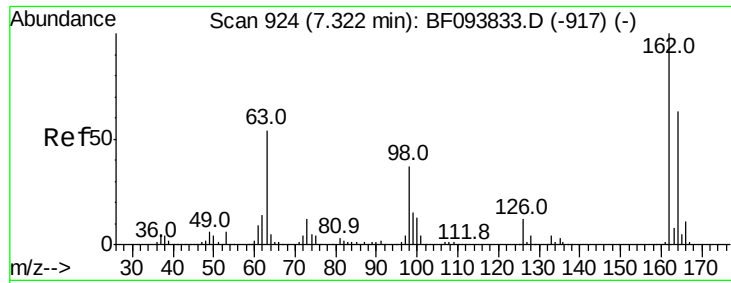
mohammad
4/7/2017 5:20:42 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.31 ng
RT: 7.07 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.5	39.7
123	11.3	9.0	13.4





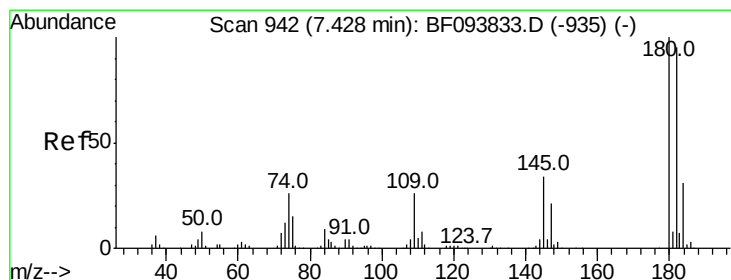
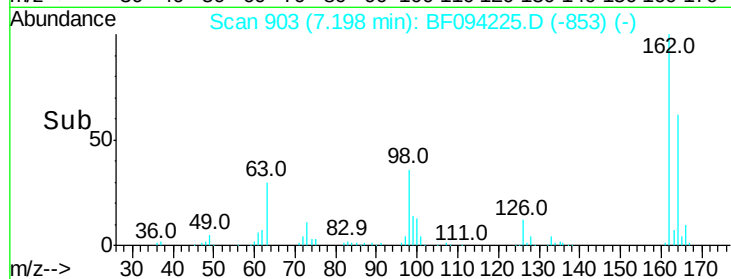
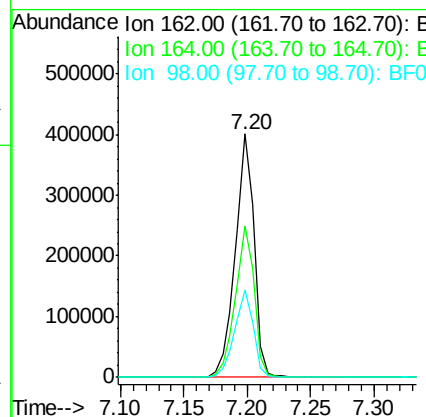
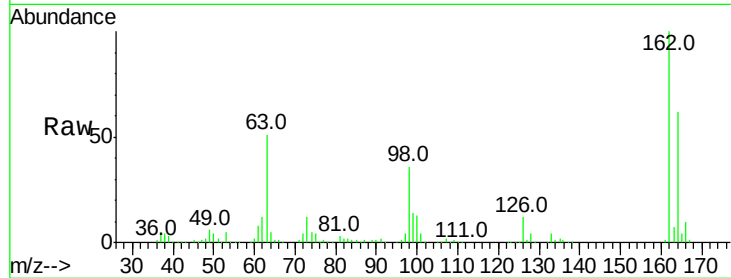
#29
 2,4-Dichlorophenol
 Concen: 48.98 ng
 RT: 7.20 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampled :
 PB98085BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	406856		
164	62.2		44.6	84.6
98	35.8		14.8	54.8

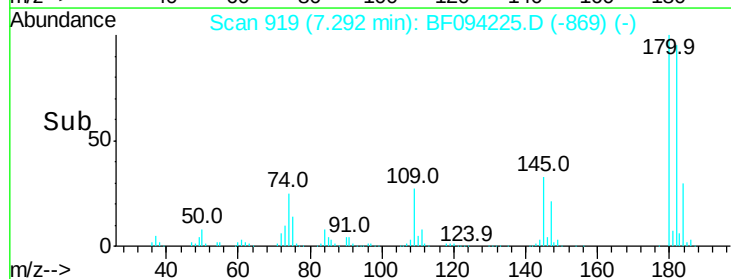
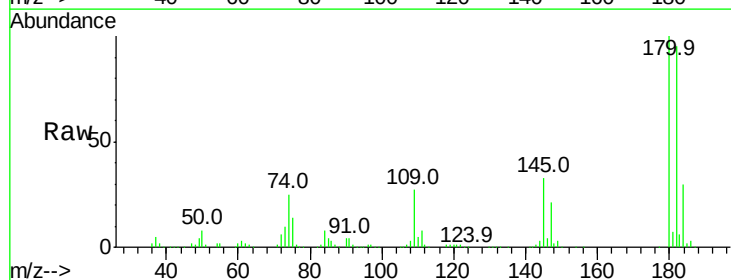
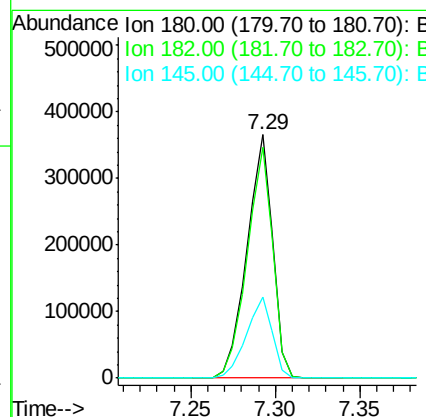
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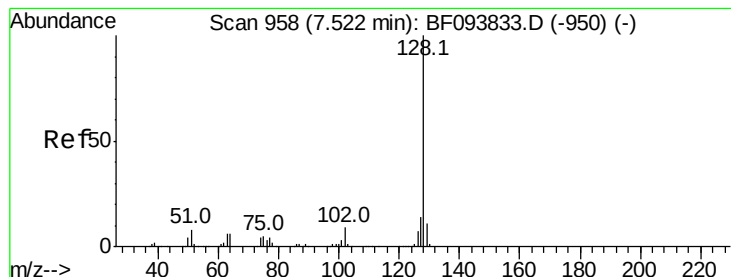
mohammad
 4/7/2017 5:20:42 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.19 ng
 RT: 7.29 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	386636		
182	95.0		75.8	113.6
145	33.2		25.3	37.9





#31

Naphthalene

Concen: 43.81 ng

RT: 7.39 min Scan# 935

Delta R.T. -0.00 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

Tot Ion:128 Resp: 1317822

Ion Ratio Lower Upper

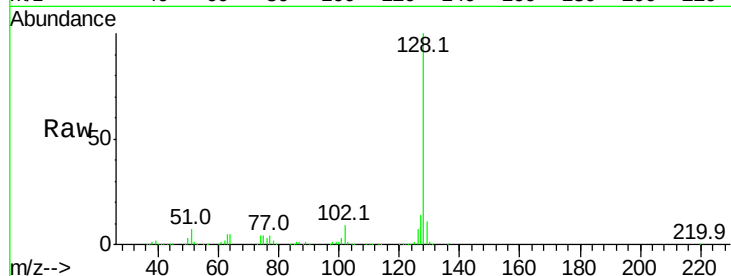
128 100

129 10.8 9.0 13.6

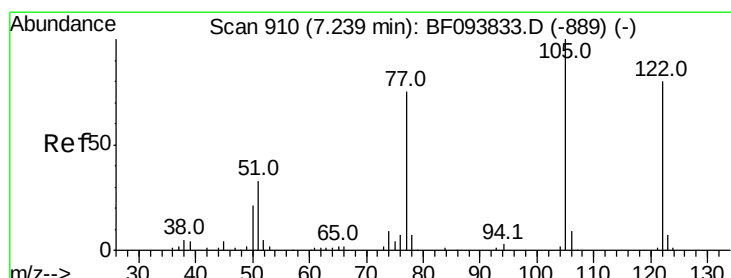
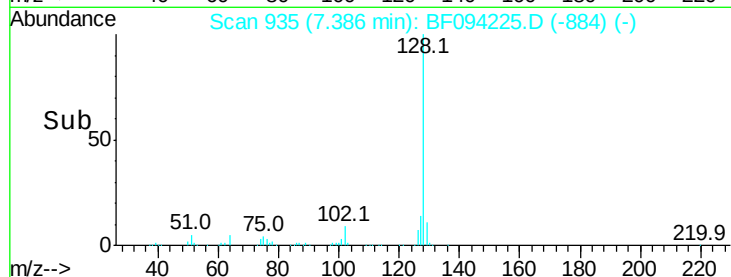
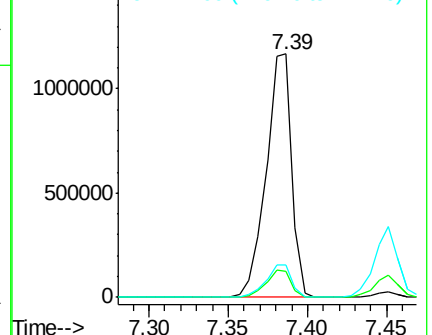
127 13.6 10.8 16.2

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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: 46.38 ng

RT: 7.14 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

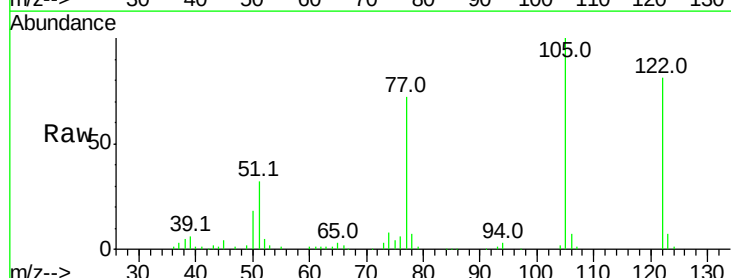
Tgt Ion:122 Resp: 274271

Ion Ratio Lower Upper

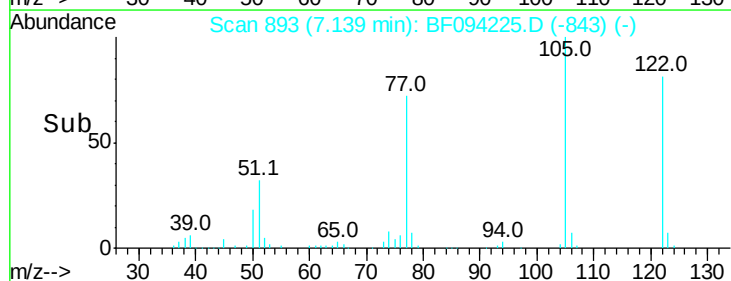
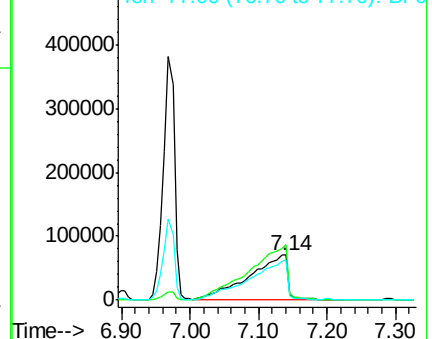
122 100

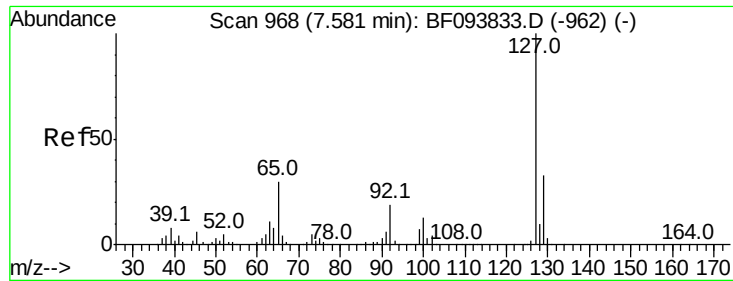
105 123.8 103.3 143.3

77 89.6 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





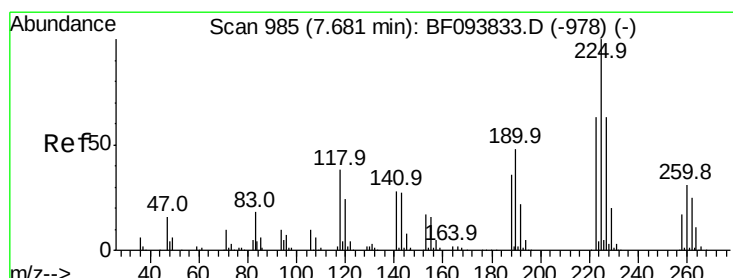
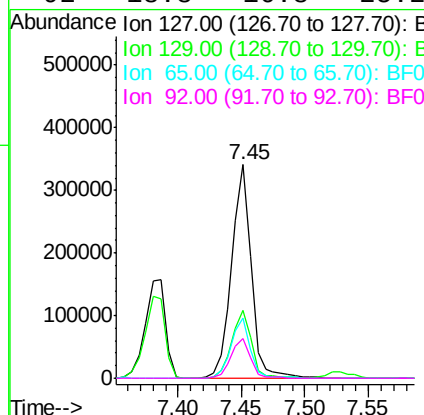
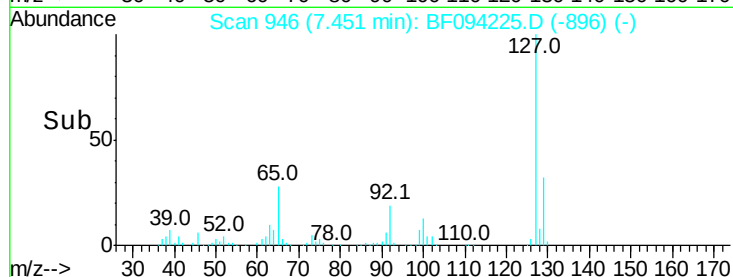
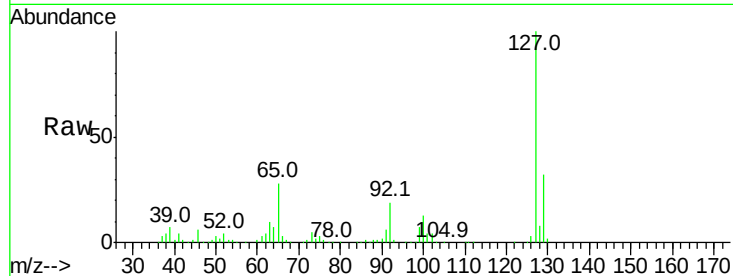
#33
4-Chloroaniline
Concen: 29.96 ng
RT: 7.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
PB98085BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.2	39.2		
65	28.4	27.8	41.8		
92	18.8	16.8	25.2		

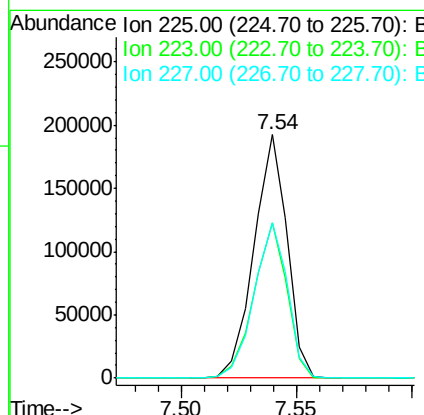
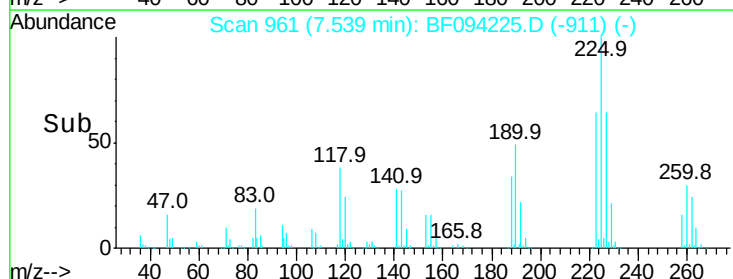
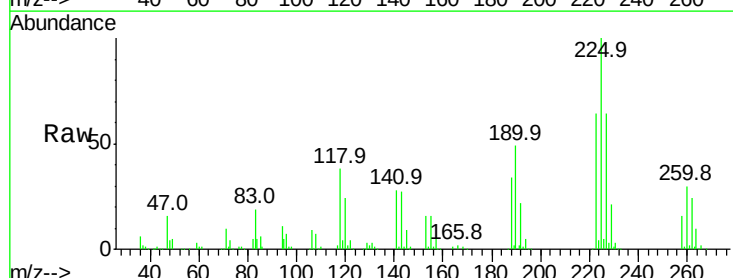
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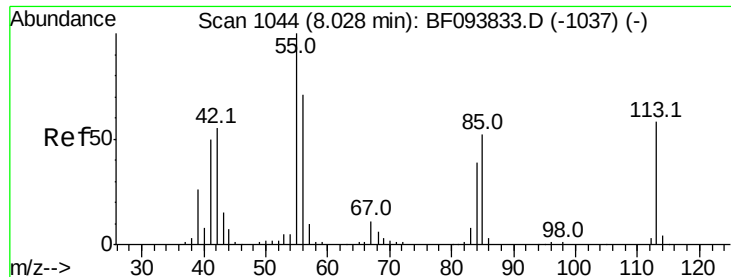
mohammad
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#34
Hexachlorobutadiene
Concen: 43.92 ng
RT: 7.54 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.0	48.8	73.2		
227	64.0	51.1	76.7		





#35

Caprolactam

Concen: 52.60 ng/mL

RT: 7.90 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

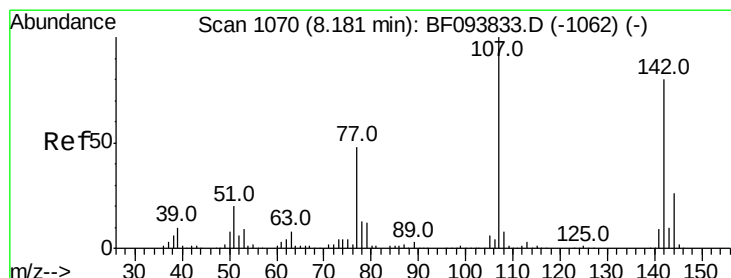
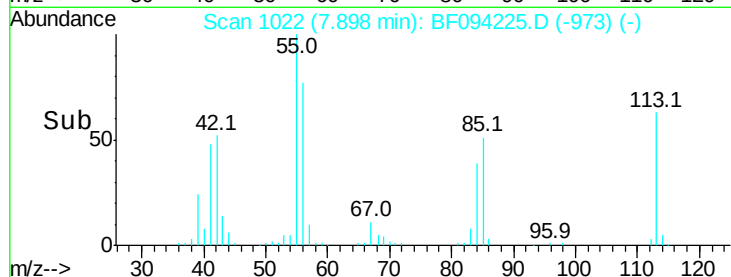
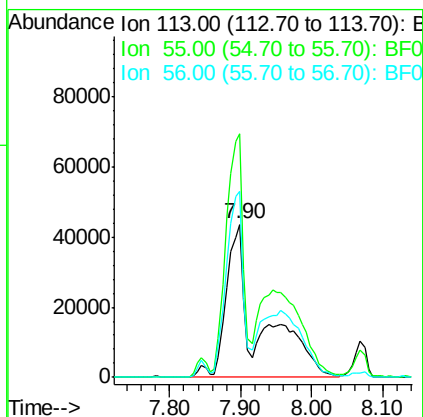
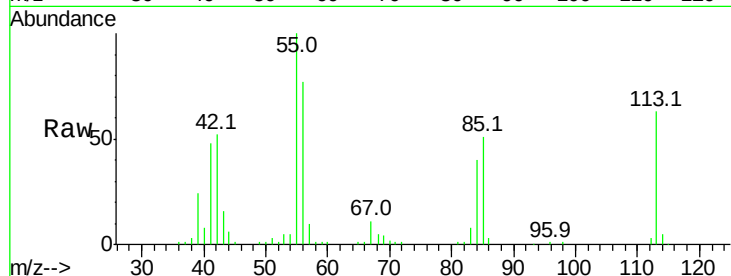
ClientSampleID :

PB98085BS

Tot Ion:	113	Resp:	139322
Ion Ratio	Lower	Upper	
113	100		
55	158.7	150.2	190.2
56	121.7	107.8	147.8

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#36

4-Chloro-3-methylphenol

Concen: 49.47 ng/mL

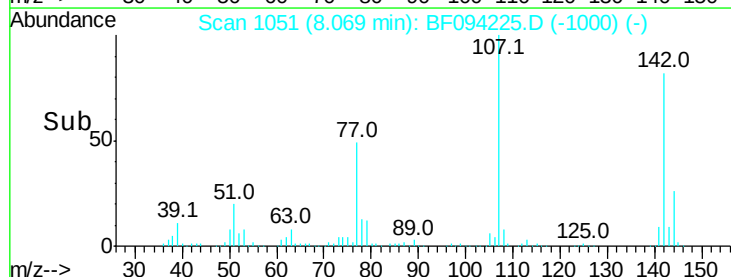
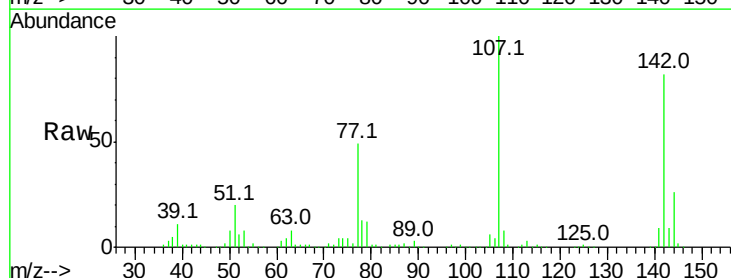
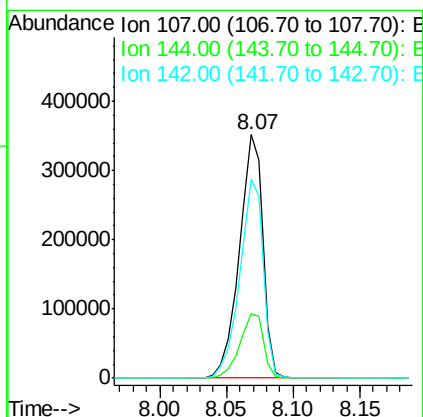
RT: 8.07 min Scan# 1051

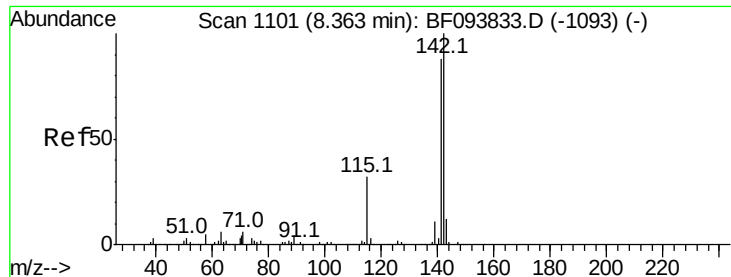
Delta R.T. -0.00 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Tgt Ion:	107	Resp:	429384
Ion Ratio	Lower	Upper	
107	100		
144	26.3	24.2	36.4
142	81.6	73.4	110.0





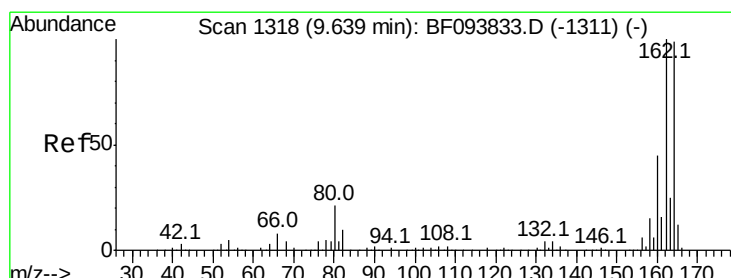
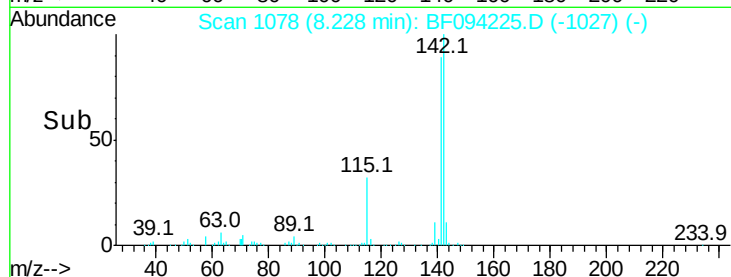
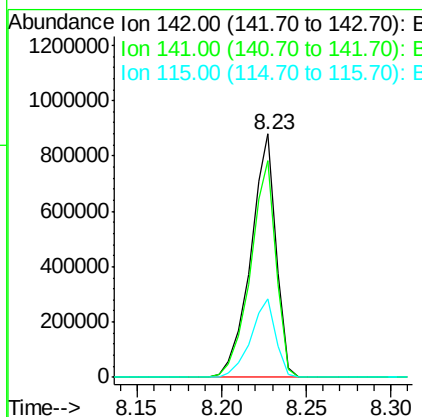
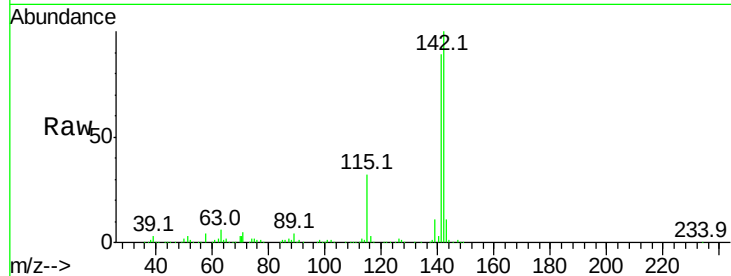
#37
 2-Methylnaphthalene
 Concen: 45.90 ng
 RT: 8.23 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.3	106.9
115	32.3	27.1	40.7

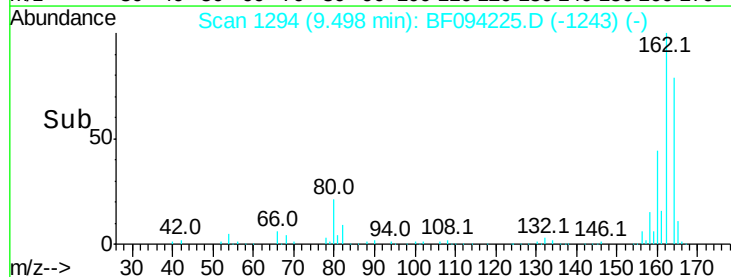
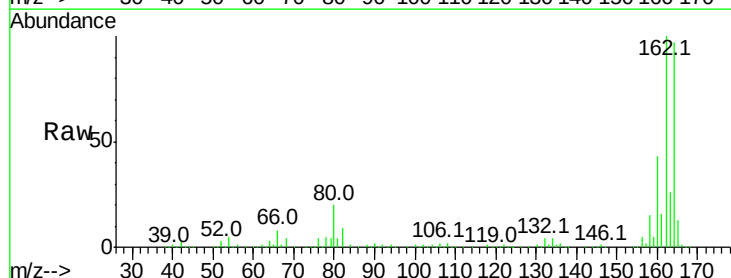
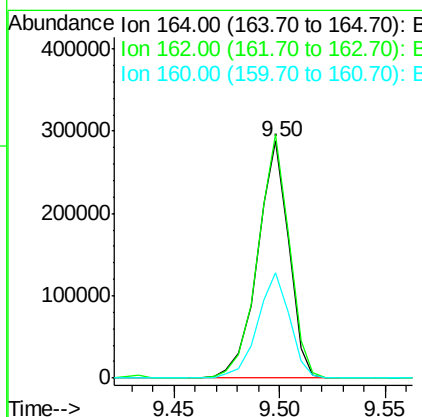
Manual Integrations
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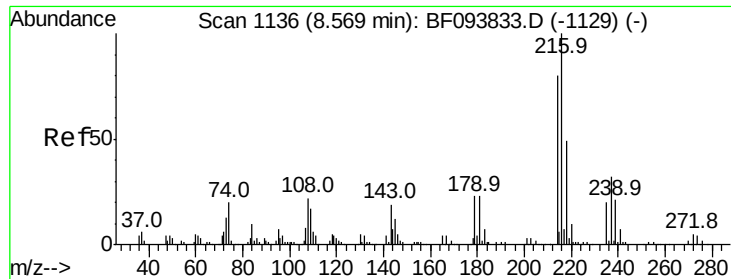
mohammad
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.50 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	44.3	36.2	54.2





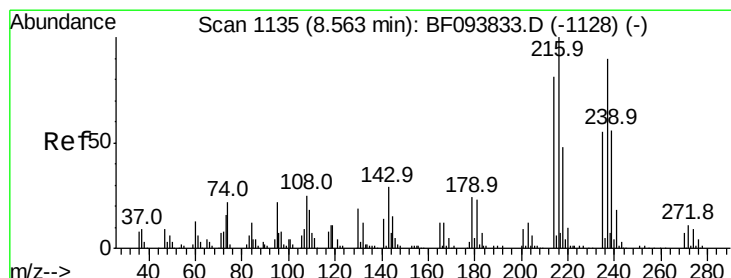
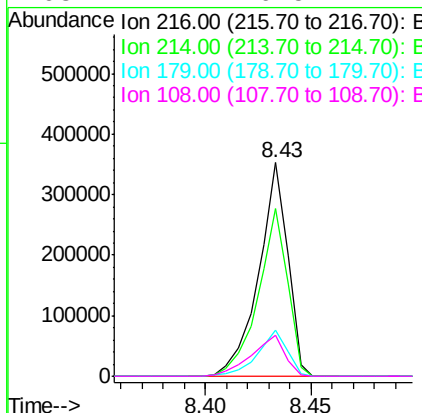
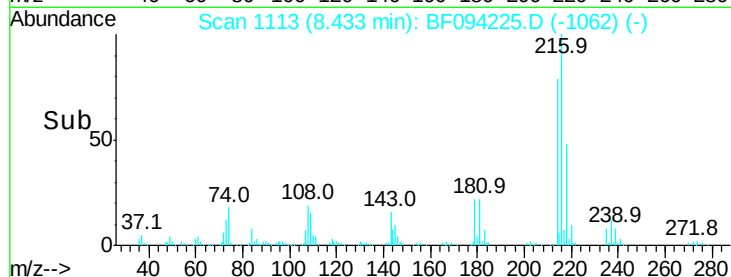
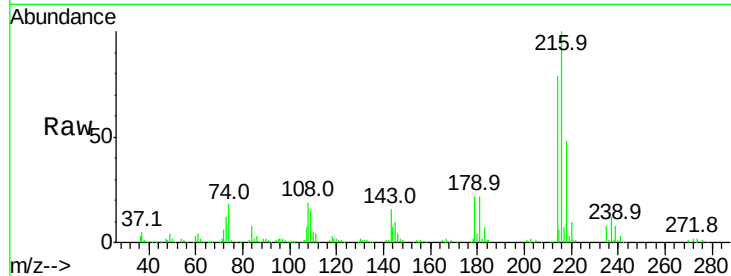
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.83 ng
 RT: 8.43 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	339011		
214	79.0	63.4	95.2	
179	22.0	17.9	26.9	
108	22.4	16.5	24.7	

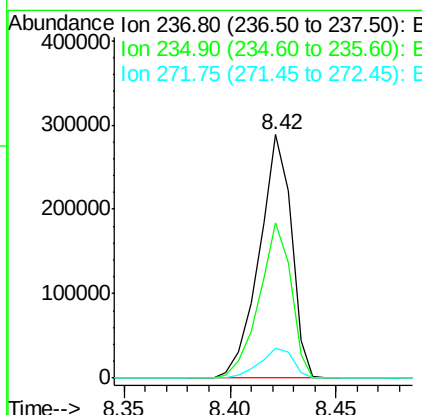
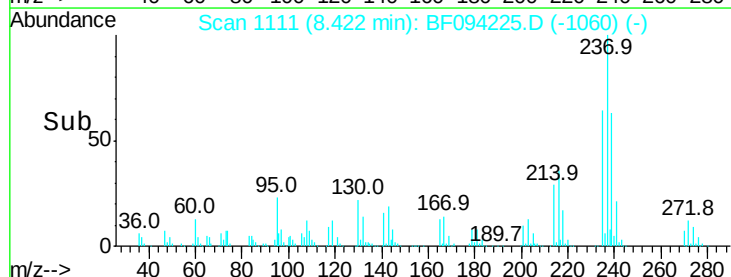
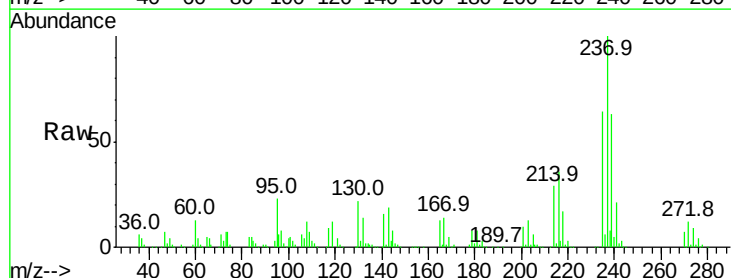
Manual Integrations
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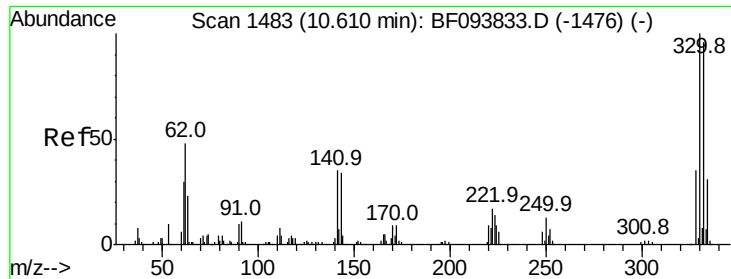
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 80.54 ng
 RT: 8.42 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	305432		
235	63.8	42.6	82.6	
272	12.5	0.0	31.9	





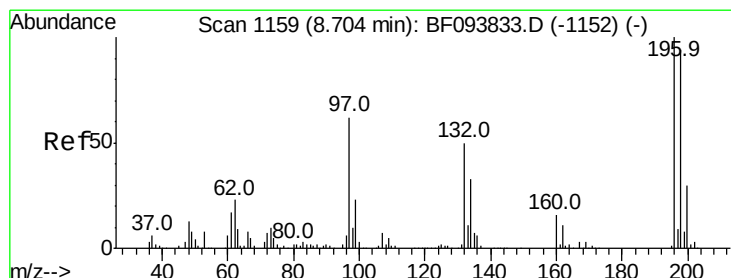
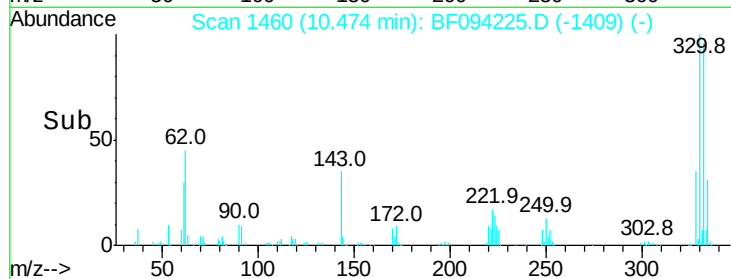
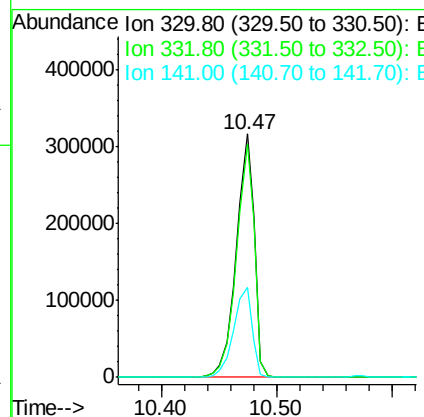
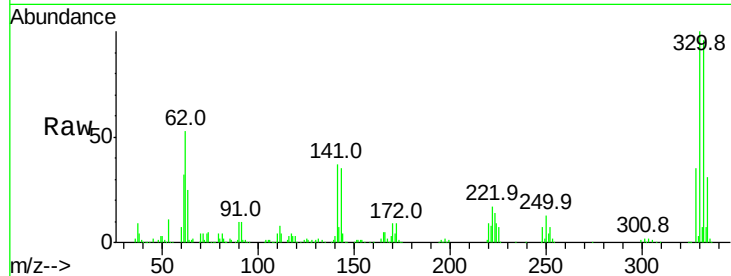
#41
 2,4,6-Tribromophenol
 Concen: 145.92 ng
 RT: 10.47 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.5	76.6	115.0	
141	38.3	31.4	47.2	

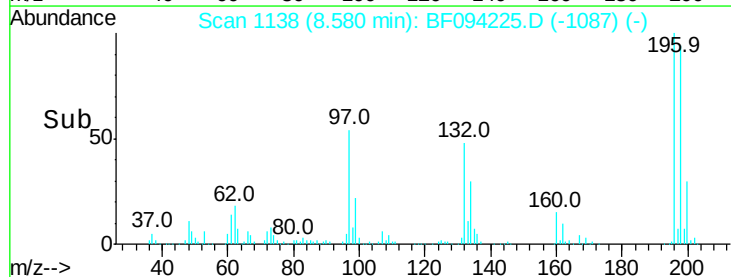
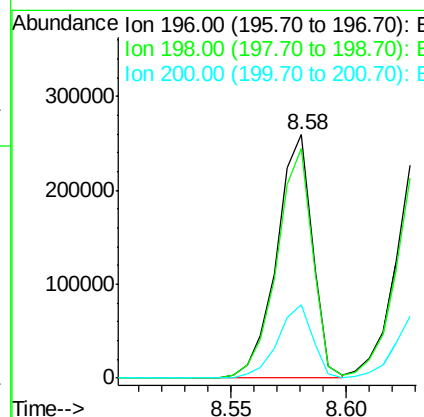
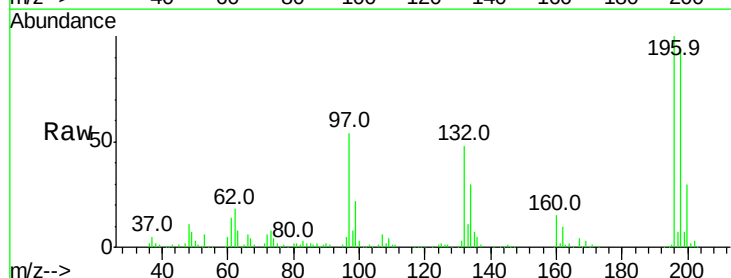
Manual Integrations
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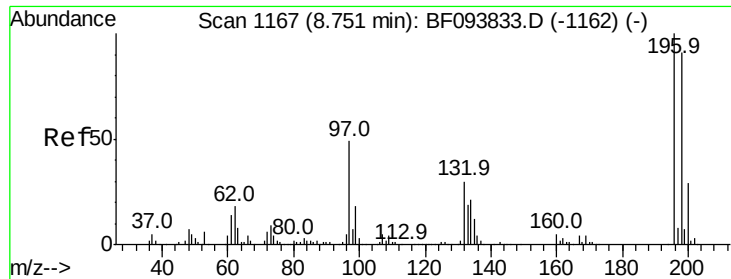
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 48.50 ng
 RT: 8.58 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.3	74.2	111.4	
200	29.9	24.0	36.0	





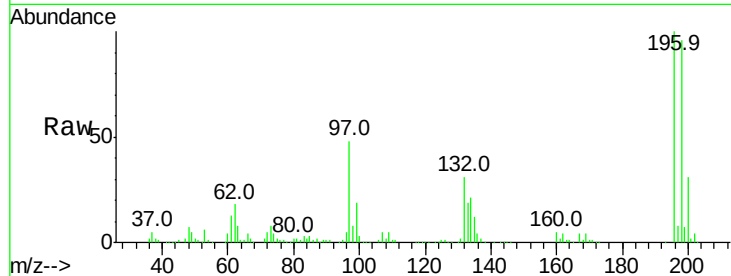
#43
 2,4,5-Trichlorophenol
 Concen: 45.54 ng
 RT: 8.63 min Scan# 1147
 Delta R.T. 0.01 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampled :
 PB98085BS

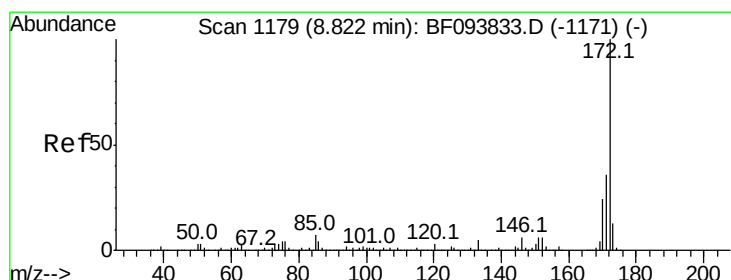
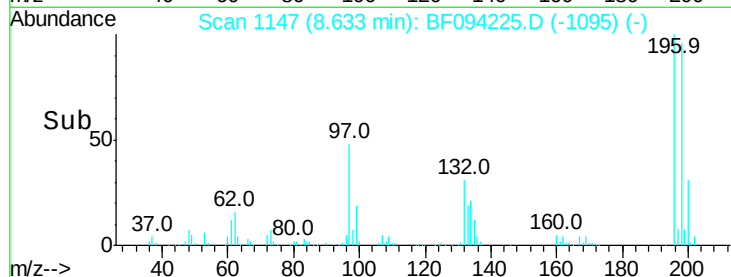
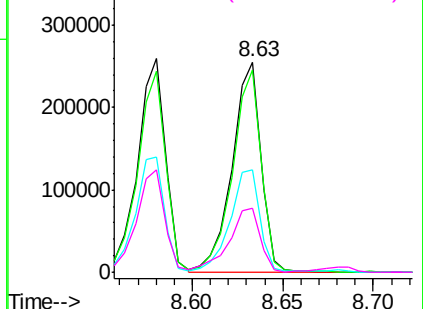
Tot Ion	Ratio	Resp	Lower	Upper
196	100	282520		
198	96.4	75.7	113.5	
97	48.4	47.7	71.5	
132	30.7	28.0	42.0	

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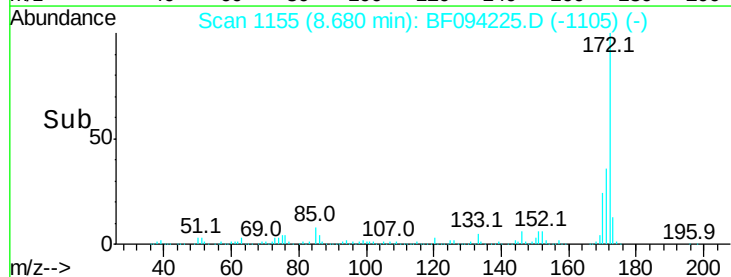
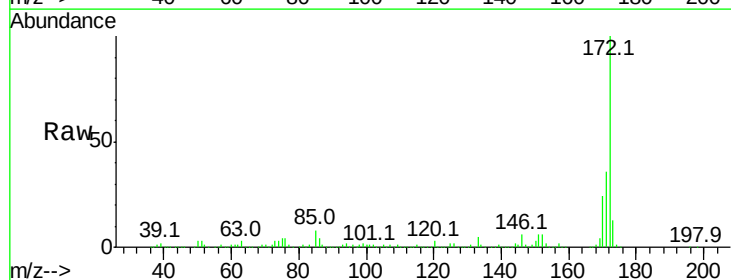
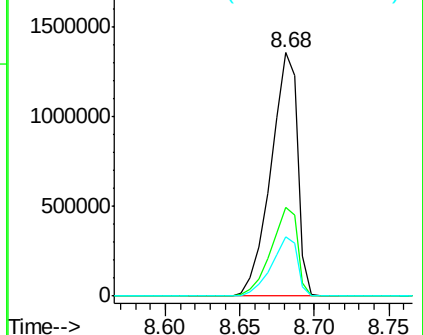
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

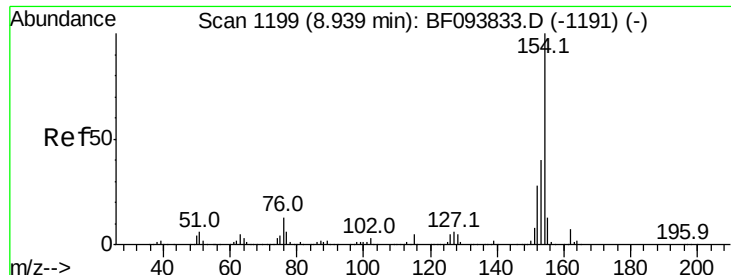


#44
 2-Fluorobiphenyl
 Concen: 86.93 ng
 RT: 8.68 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1688462		
171	36.2	29.6	44.4	
170	24.4	19.8	29.8	

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





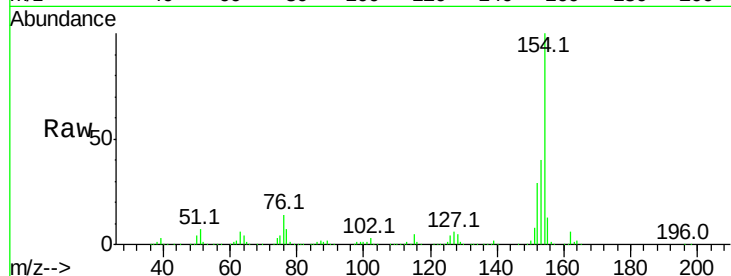
#45
1,1'-Biphenyl
Concen: 43.06 ng
RT: 8.80 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
PB98085BS

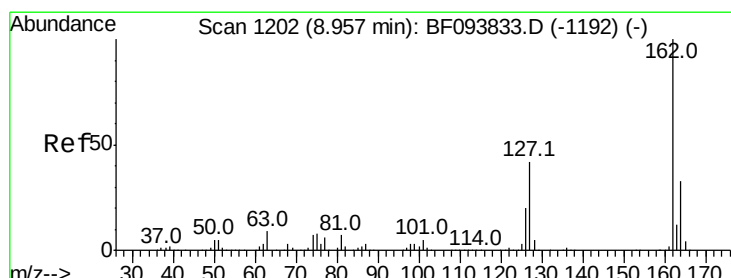
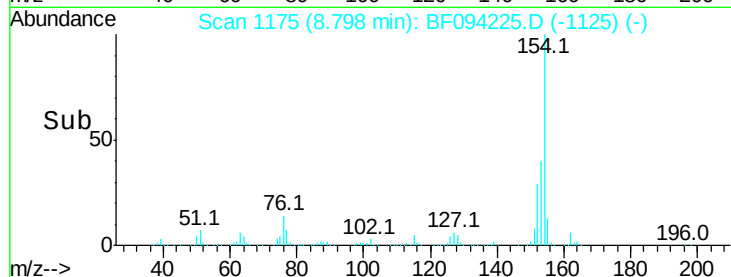
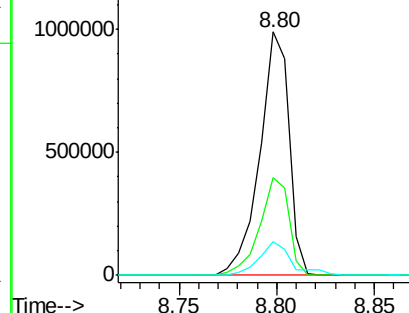
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.2	61.2
76	13.9	0.0	29.9

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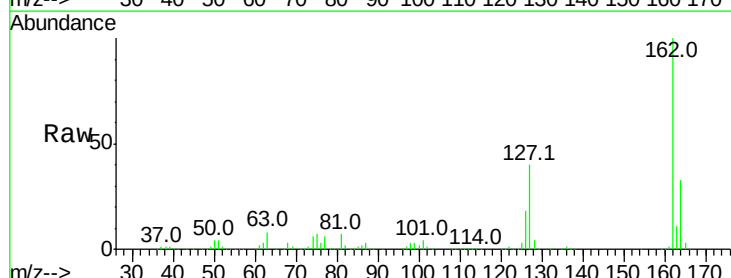


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

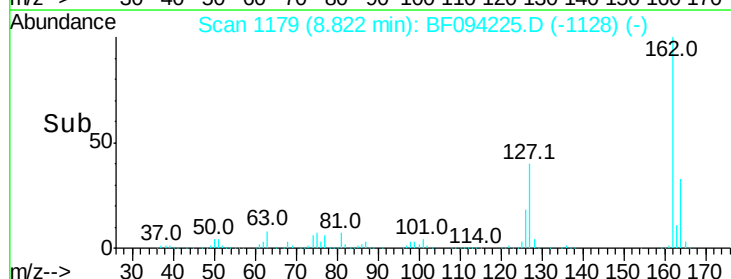
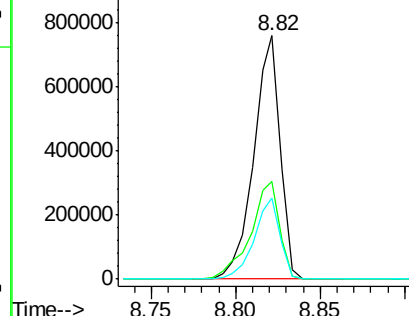


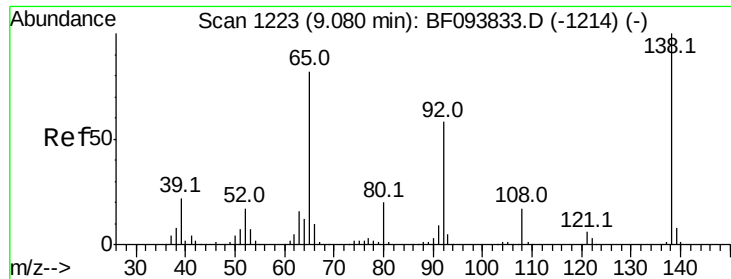
#46
2-Chloronaphthalene
Concen: 44.15 ng
RT: 8.82 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	28.3	42.5
164	33.3	27.0	40.4



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





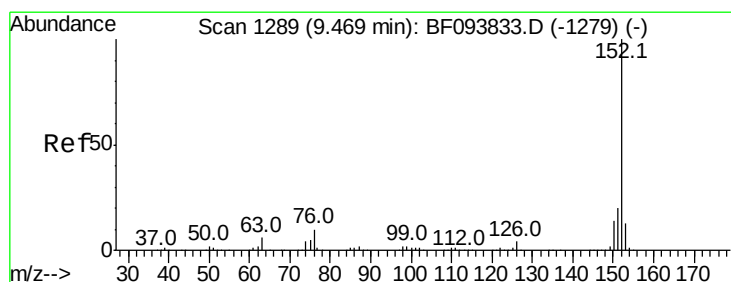
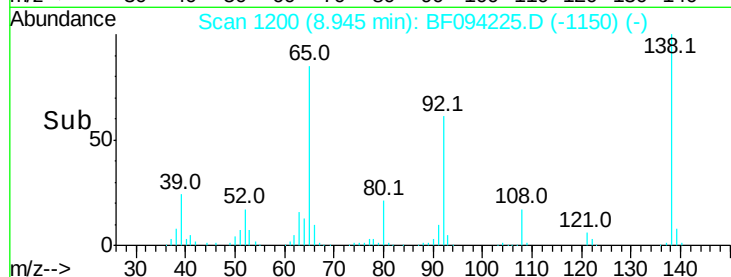
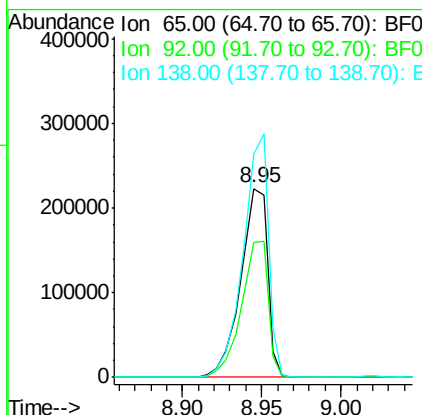
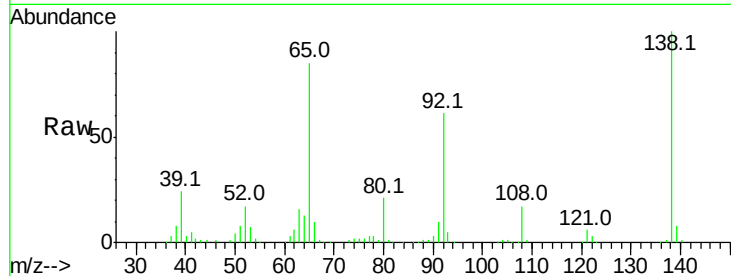
#47
2-Nitroaniline
Concen: 47.08 ng
RT: 8.95 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
PB98085BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.7	53.9	80.9
138	118.0	78.8	118.2

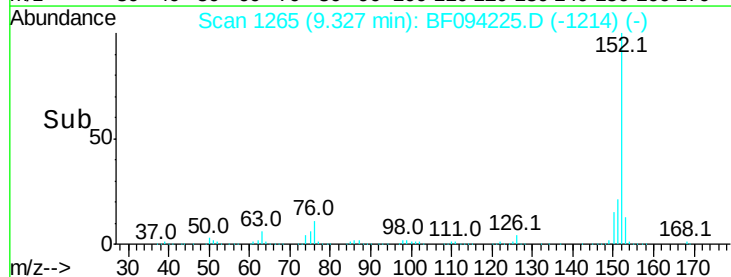
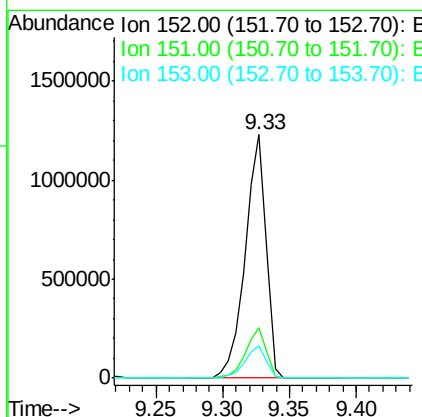
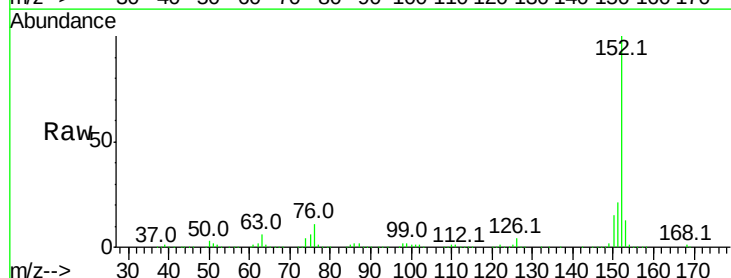
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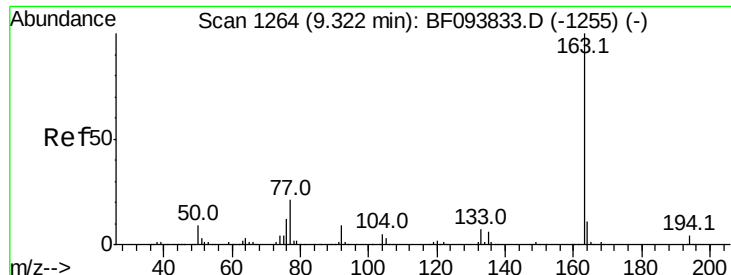
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#48
Acenaphthylene
Concen: 42.07 ng
RT: 9.33 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	13.5	10.8	16.2





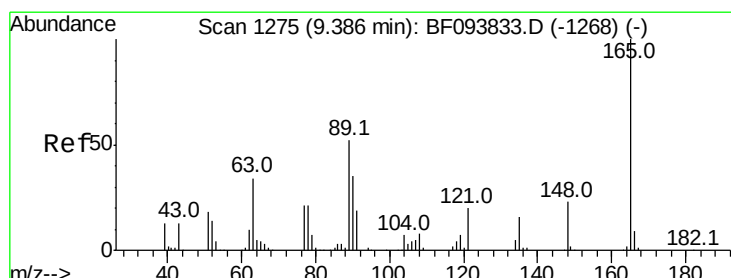
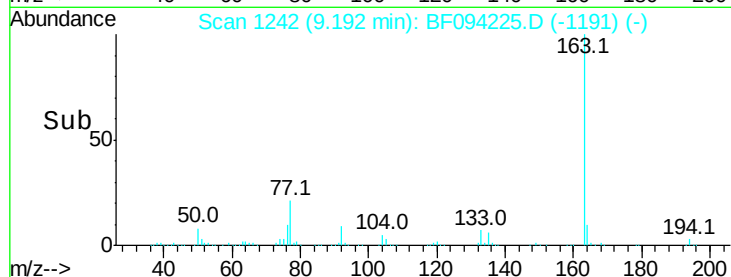
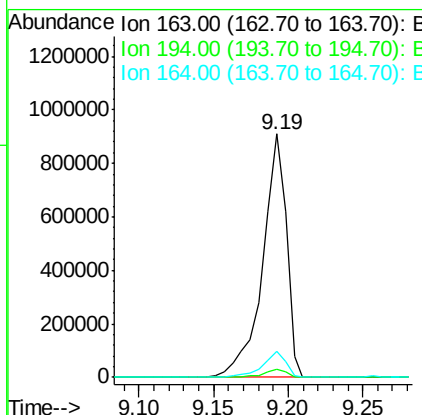
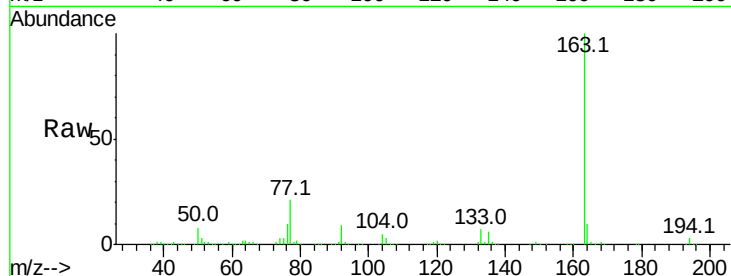
#49
 Dimethylphthalate
 Concen: 47.33 ng
 RT: 9.19 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	996634		
194	3.5	2.6	4.0	
164	10.4	8.4	12.6	

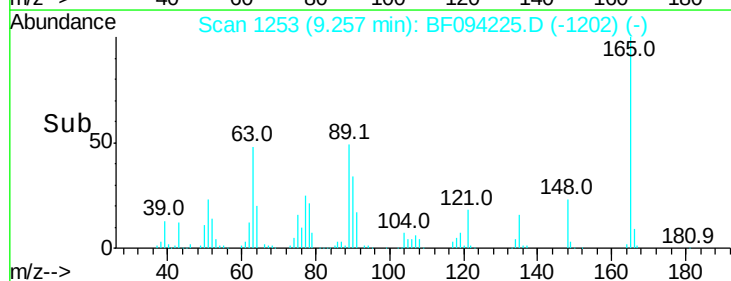
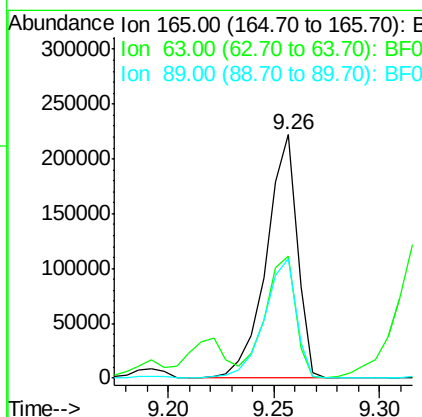
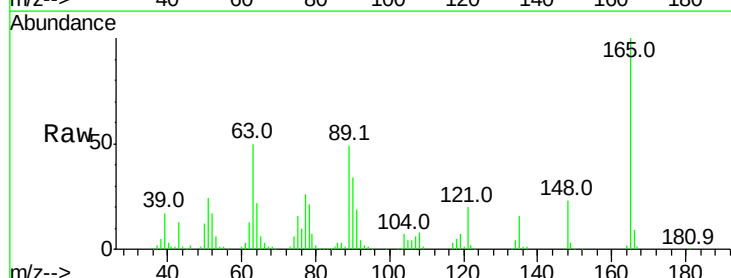
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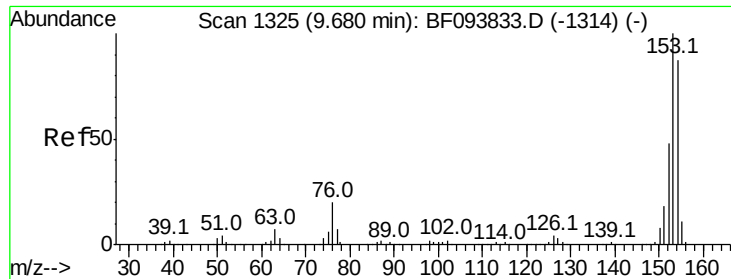
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#50
 2,6-Dinitrotoluene
 Concen: 46.86 ng
 RT: 9.26 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	226195		
63	49.9	34.3	51.5	
89	49.0	37.1	55.7	





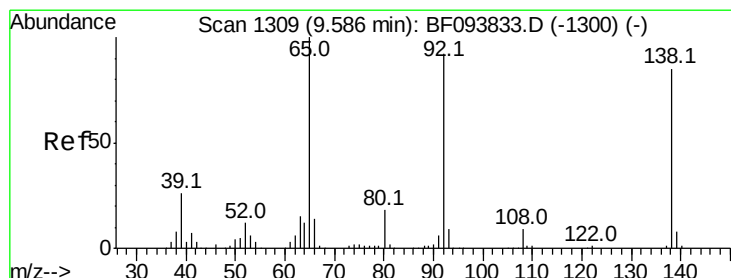
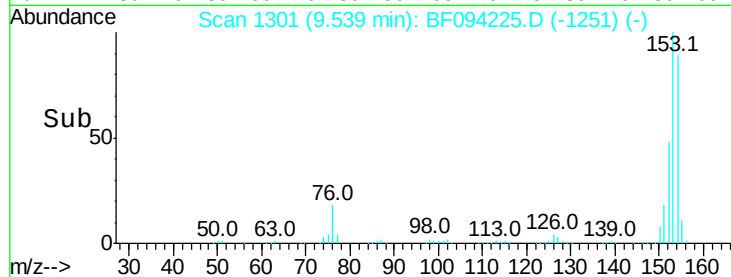
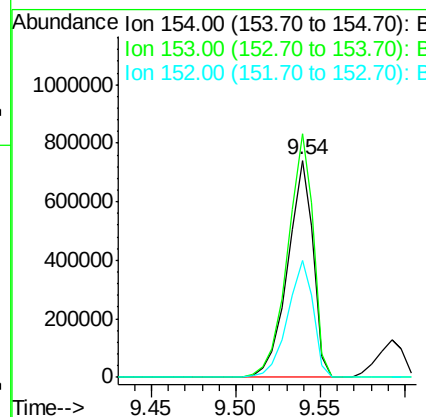
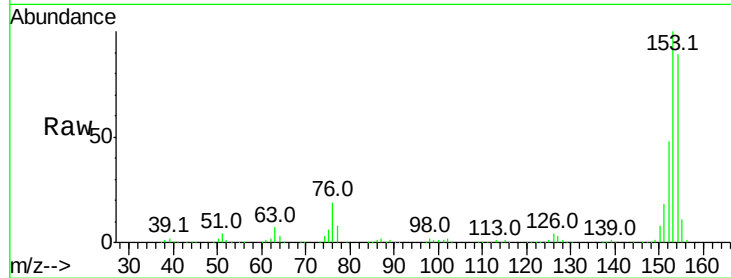
#51
Acenaphthene
Concen: 43.03 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
PB98085BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.0	90.5	135.7
152	53.8	43.6	65.4

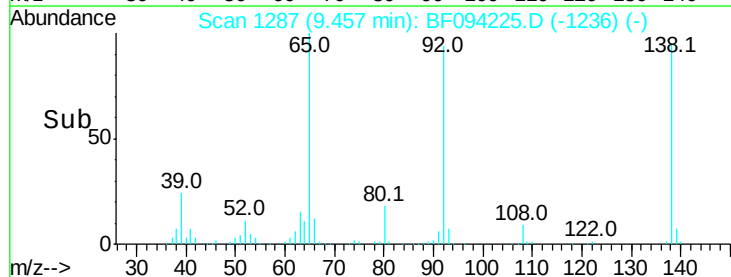
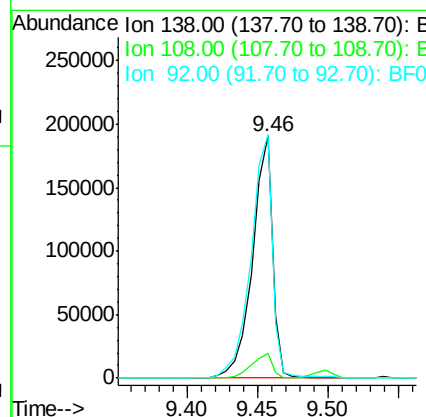
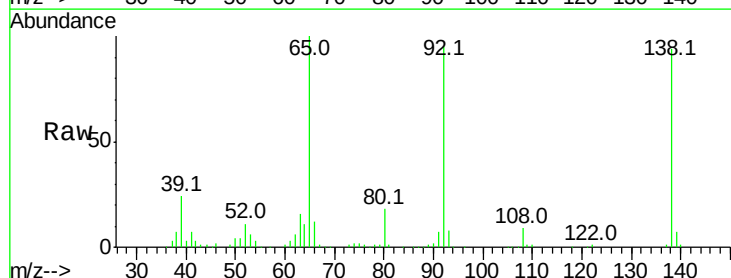
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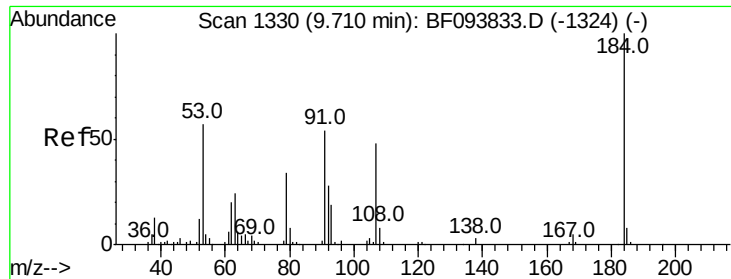
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#52
3-Nitroaniline
Concen: 33.63 ng
RT: 9.46 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.0	9.1	13.7
92	100.5	93.8	140.6





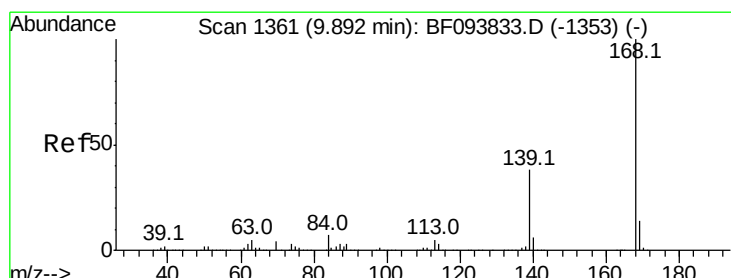
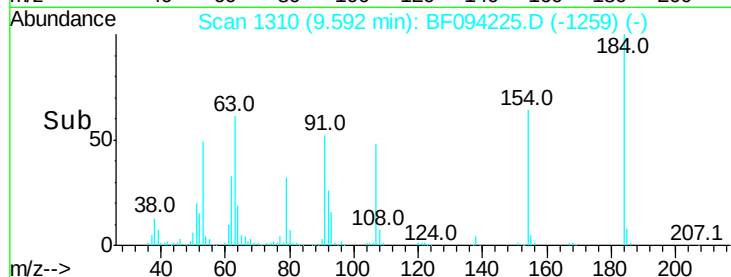
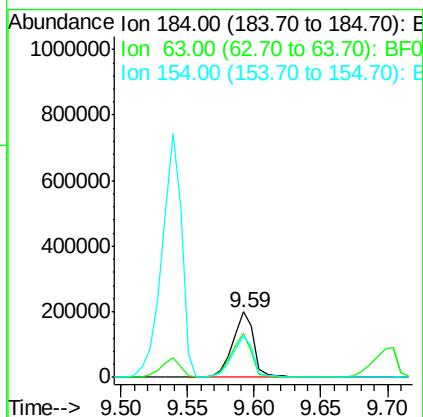
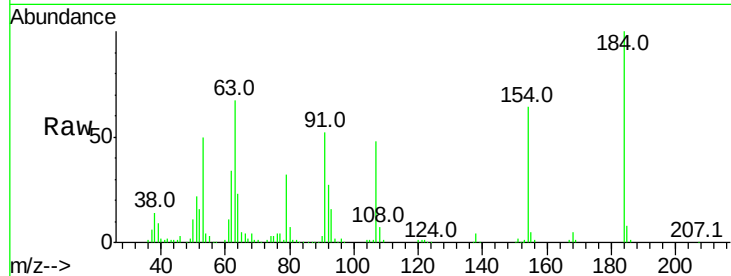
#53
2,4-Dinitrophenol
Concen: 86.12 ng
RT: 9.59 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
PB98085BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	66.8	62.7	94.1
154	63.5	81.1	121.7

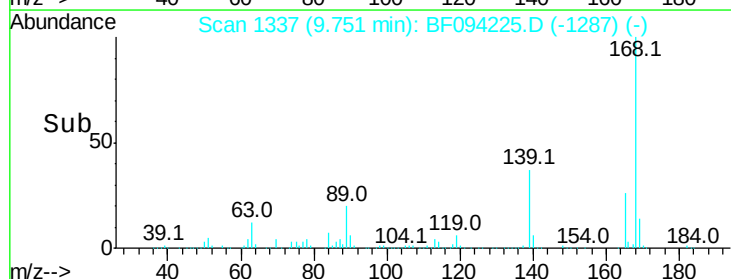
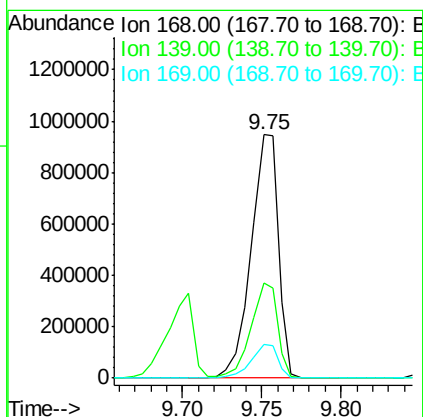
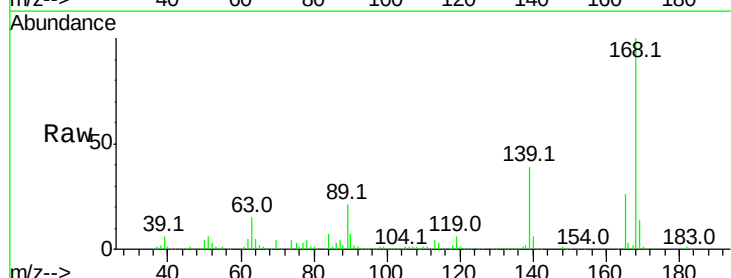
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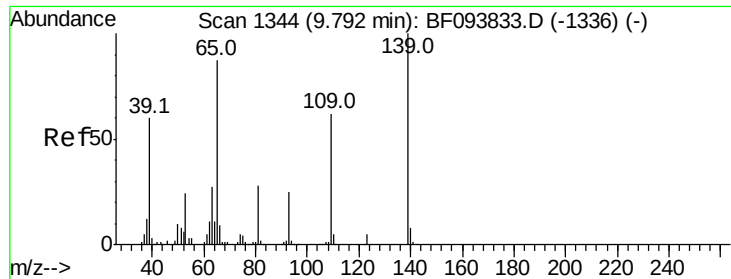
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#54
Dibenzofuran
Concen: 46.01 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.6	45.8
169	13.9	10.8	16.2





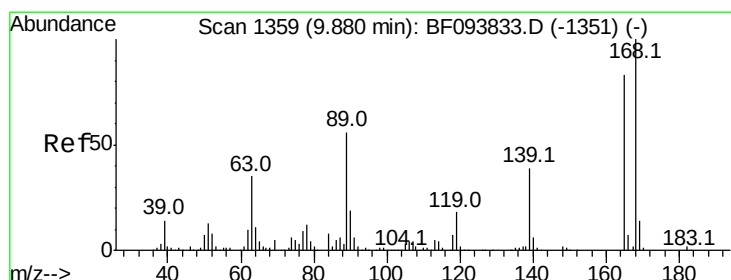
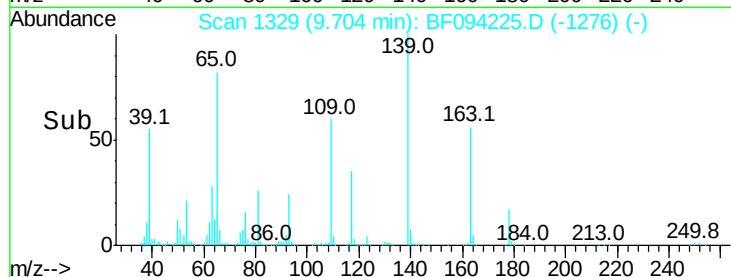
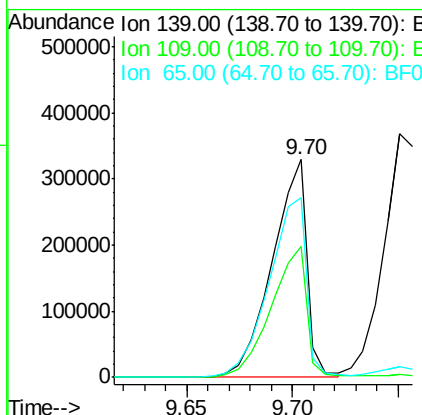
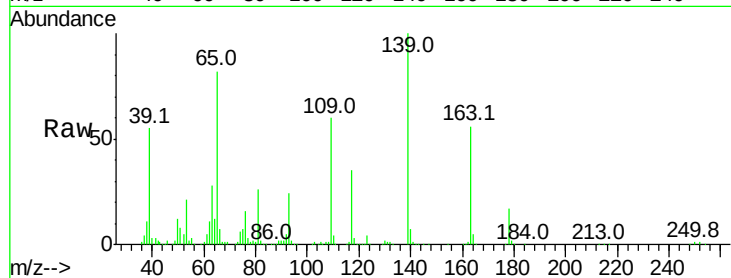
#55
4-Nitrophenol
Concen: 85.01 ng
RT: 9.70 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
PB98085BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	60.4	34.1	74.1	
65	82.1	31.4	71.4	

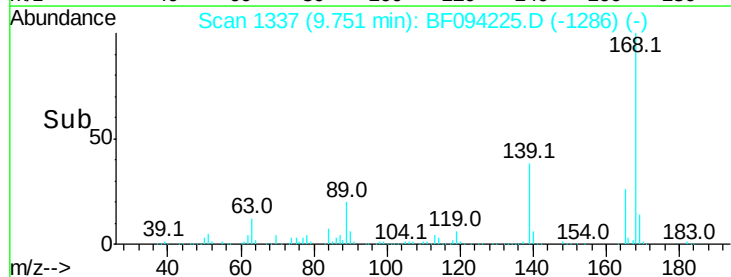
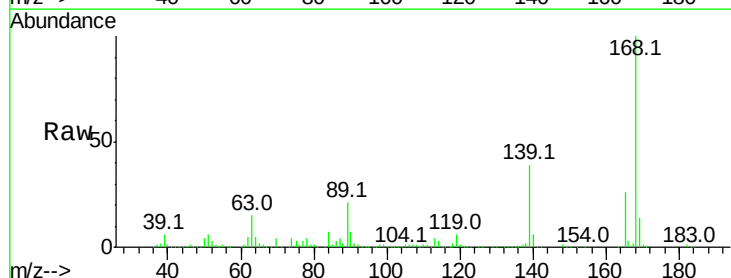
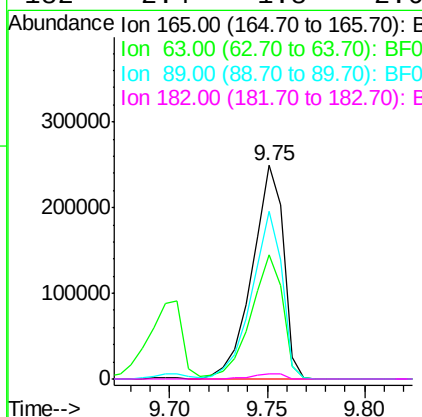
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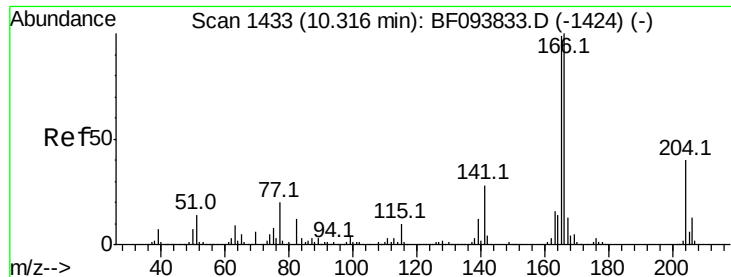
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#56
2,4-Dinitrotoluene
Concen: 45.71 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.4	25.4	38.0	
89	78.3	46.4	69.6	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 42.92 ng

RT: 10.17 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampled :

PB98085BS

Tot Ion:166 Resp: 878822

Ion Ratio Lower Upper

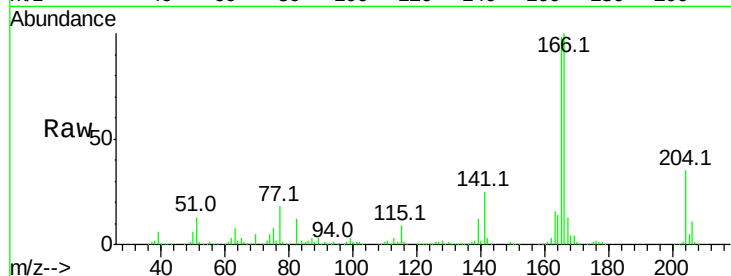
166 100

165 97.8 78.8 118.2

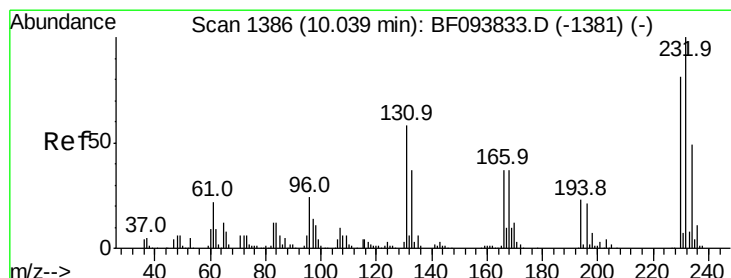
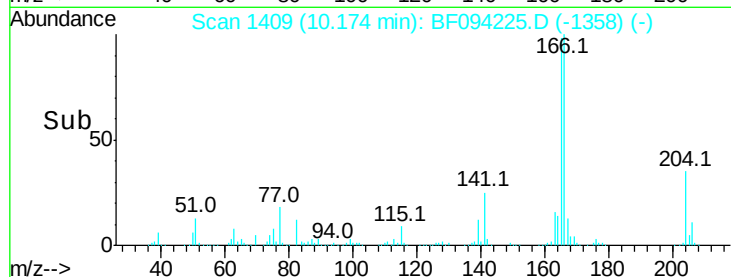
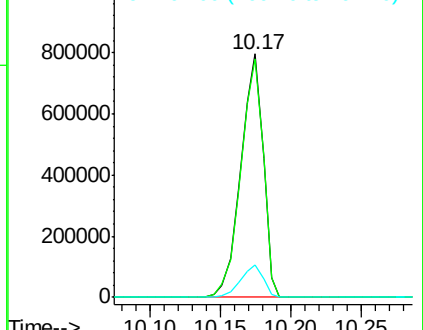
167 13.3 10.6 16.0

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.21 ng

RT: 9.91 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Tgt Ion:232 Resp: 218015

Ion Ratio Lower Upper

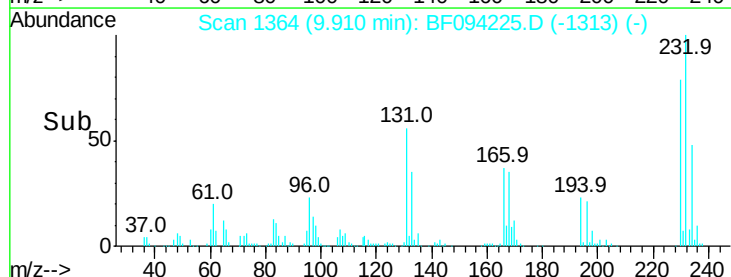
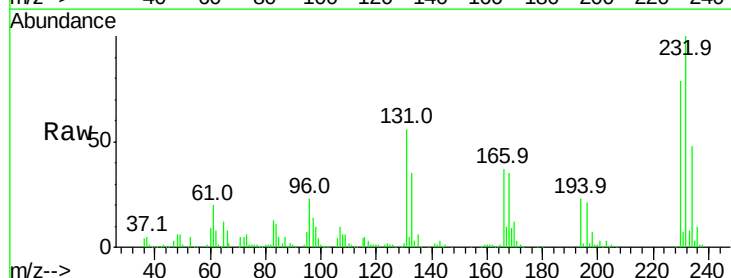
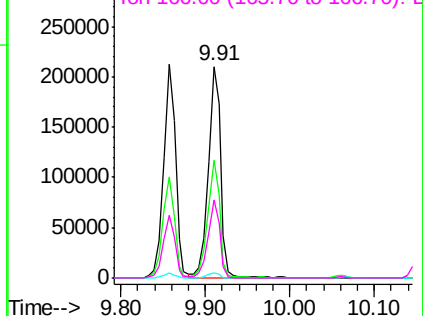
232 100

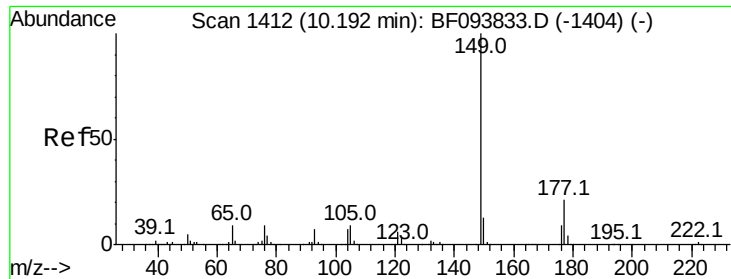
131 53.1 44.8 67.2

130 2.5 2.3 3.5

166 35.0 29.0 43.4

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





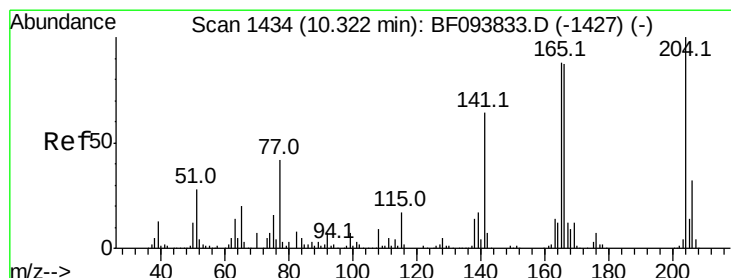
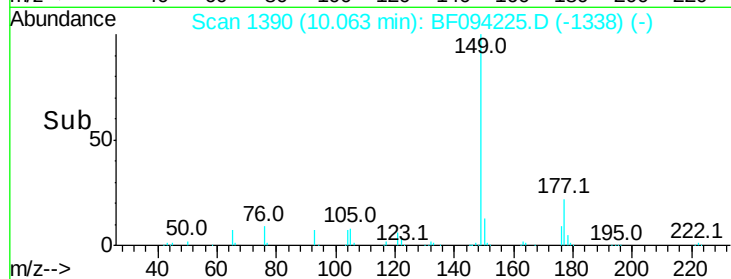
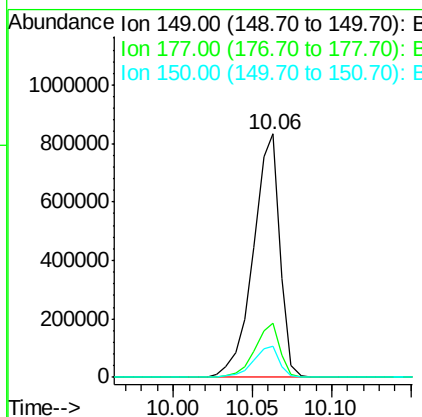
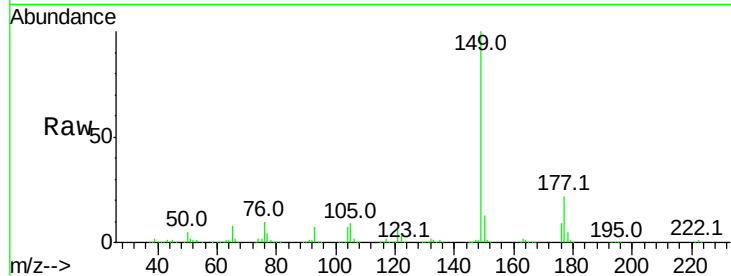
#59
Diethylphthalate
Concen: 46.66 ng
RT: 10.06 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
PB98085BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	971212		
177	22.1	16.7	25.1	
150	12.5	10.2	15.2	

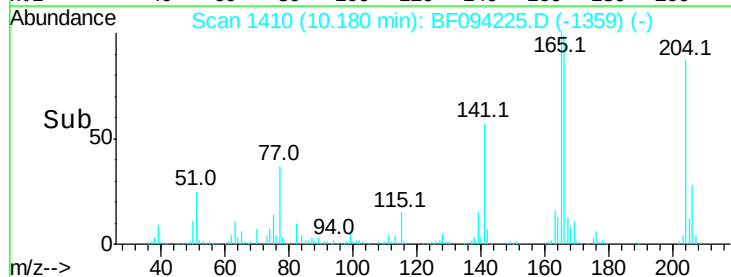
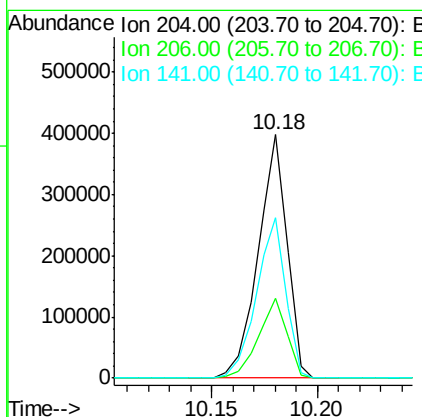
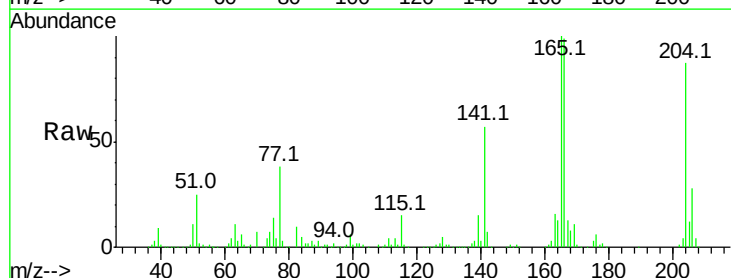
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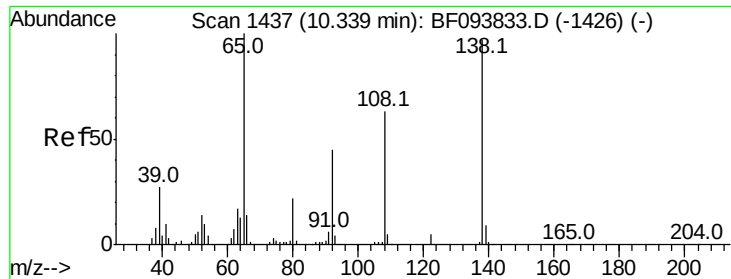
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 43.26 ng
RT: 10.18 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	377359		
206	32.5	26.2	39.2	
141	65.9	60.8	91.2	





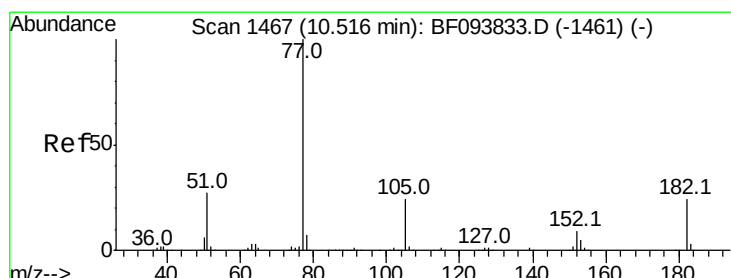
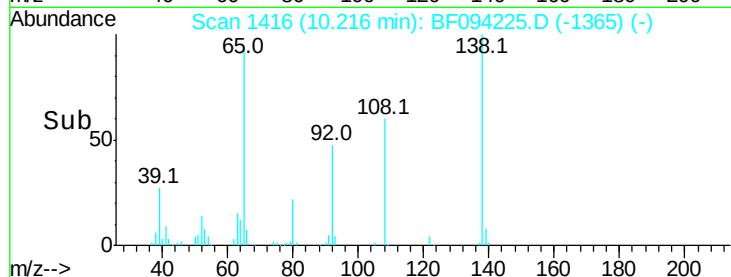
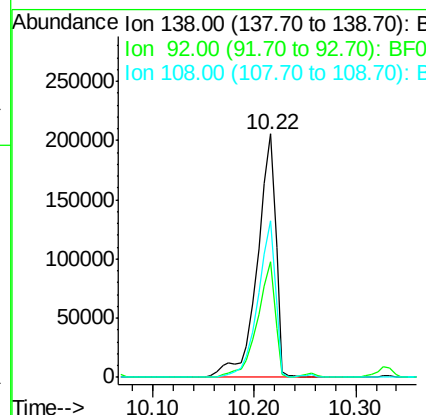
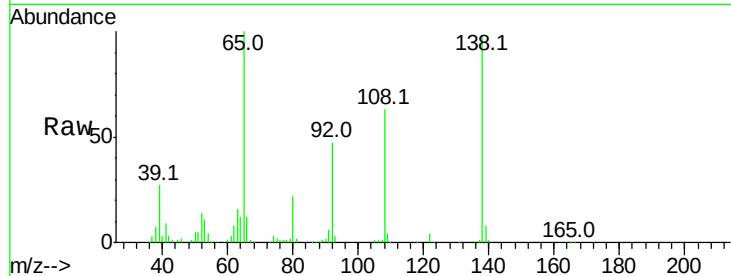
#61
4-Nitroaniline
Concen: 48.05 ng
RT: 10.22 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampled :
PB98085BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.4	21.8	61.8
108	64.2	42.3	82.3

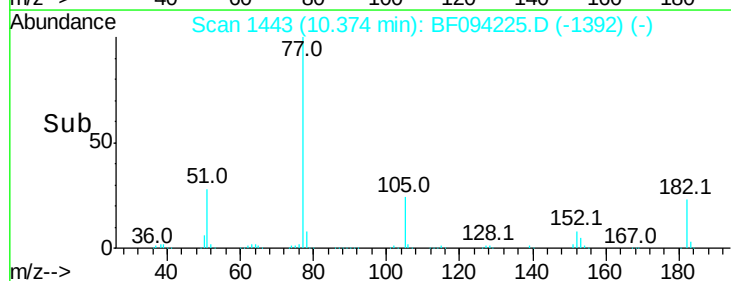
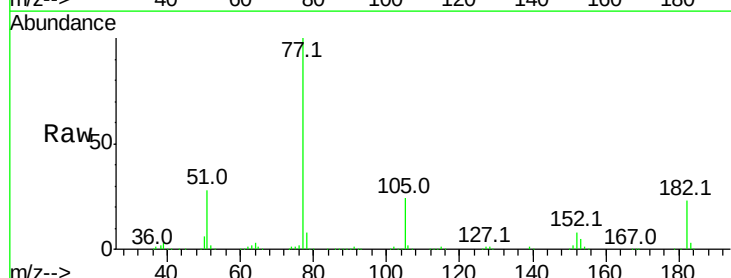
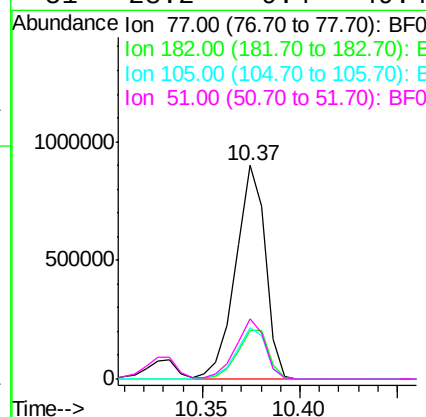
Manual Integrations
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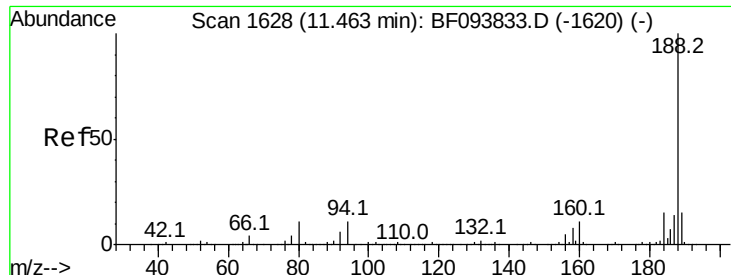
mohammad
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#62
Azobenzene
Concen: 48.31 ng
RT: 10.37 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.9	0.1	40.1
105	24.1	3.6	43.6
51	28.2	9.4	49.4





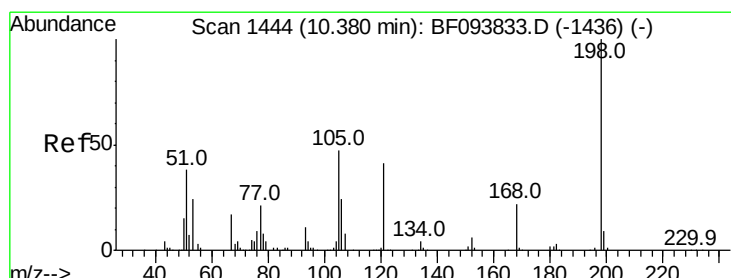
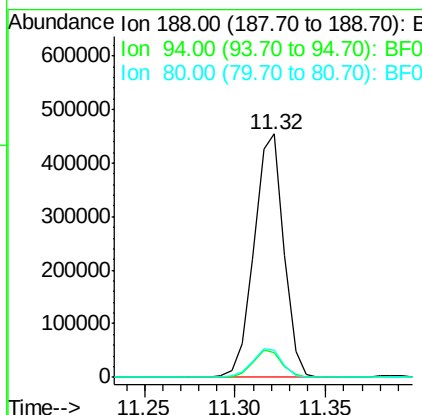
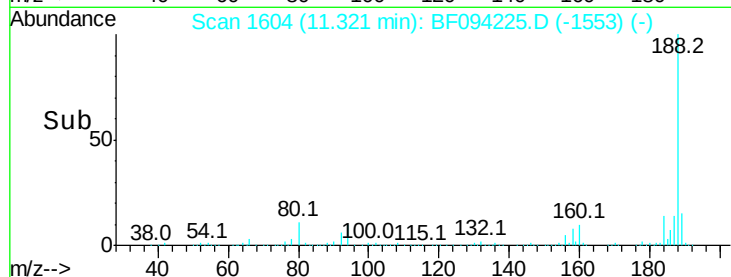
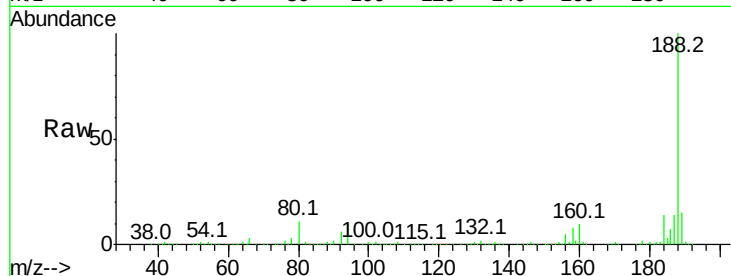
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.1	9.4	14.2	
80	11.3	10.2	15.2	

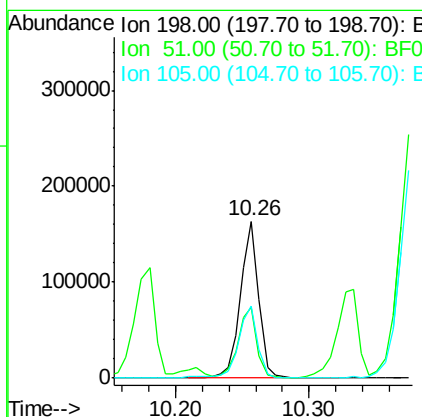
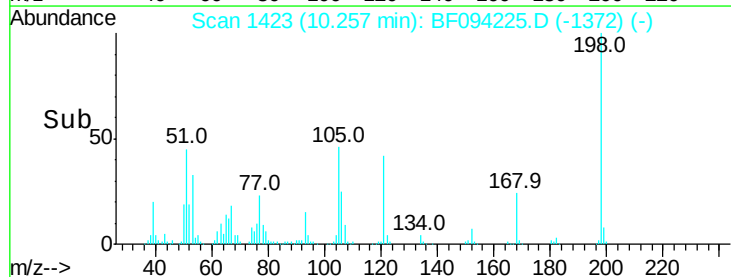
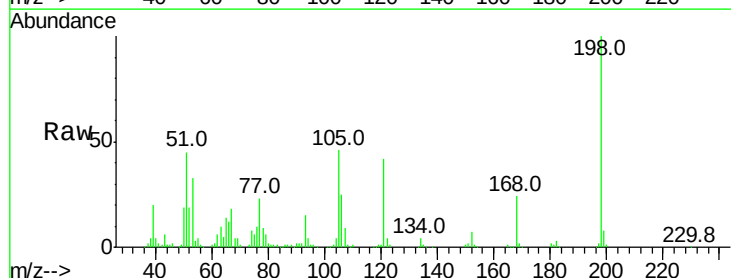
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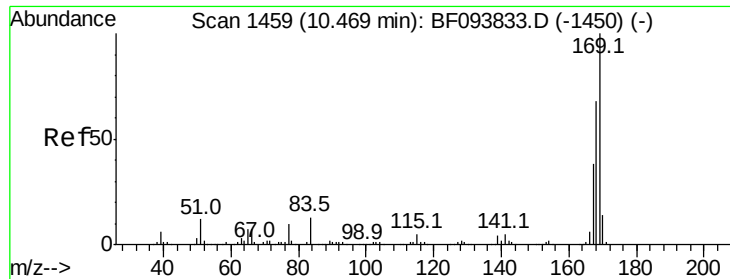
mohammad
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 49.40 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	44.9	53.2	93.2#	
105	46.3	45.8	85.8	





#65

n-Nitrosodiphenylamine

Concen: 46.55 ng

RT: 10.33 min Scan# 1436

Delta R.T. -0.00 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

Tot Ion:169 Resp: 831275

Ion Ratio Lower Upper

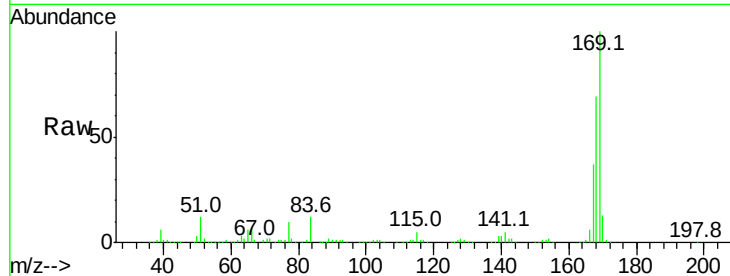
169 100

168 68.7 53.2 79.8

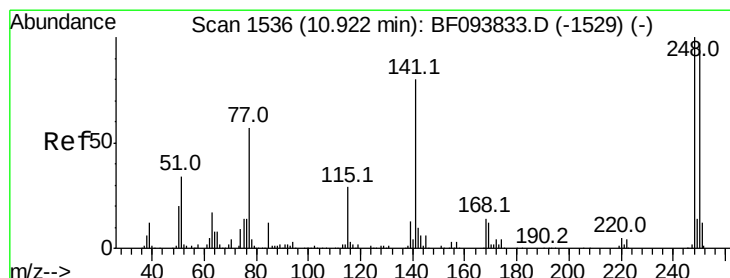
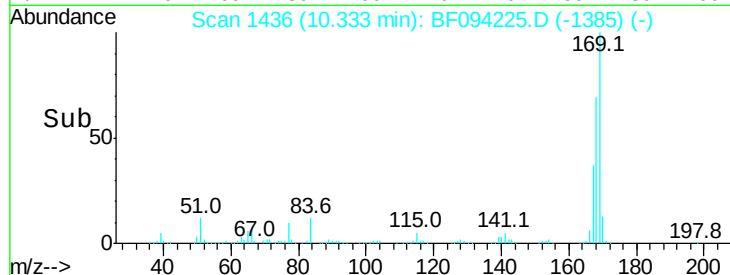
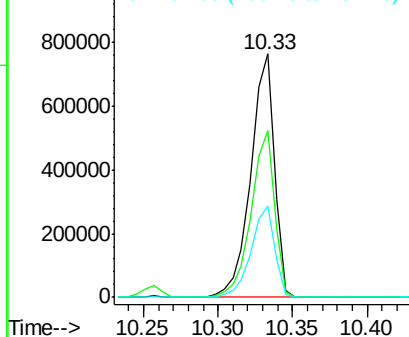
167 37.4 29.5 44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.76 ng

RT: 10.78 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

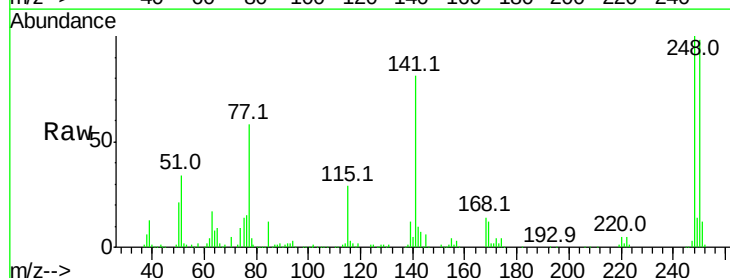
Tgt Ion:248 Resp: 232392

Ion Ratio Lower Upper

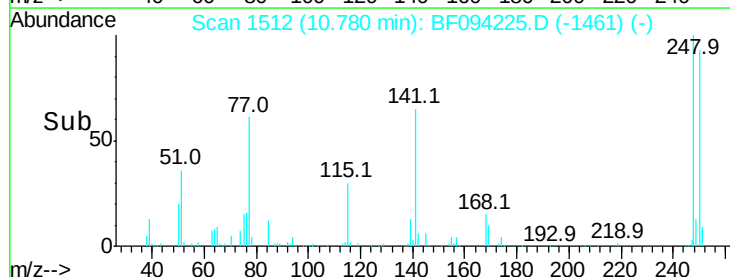
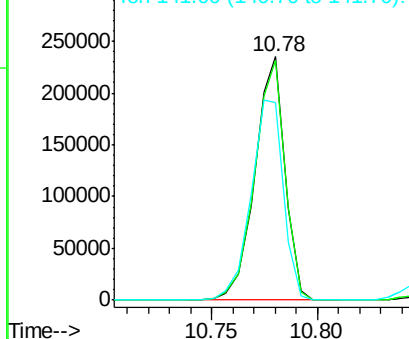
248 100

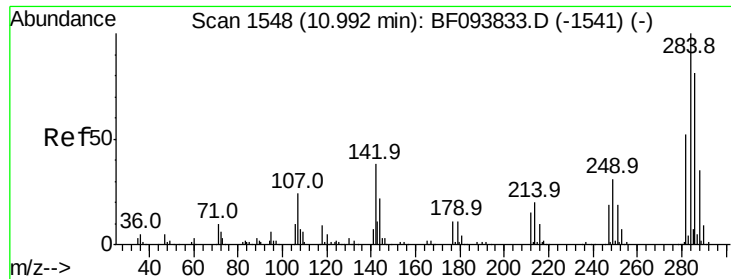
250 98.2 76.8 115.2

141 81.3 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.07 ng

RT: 10.85 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

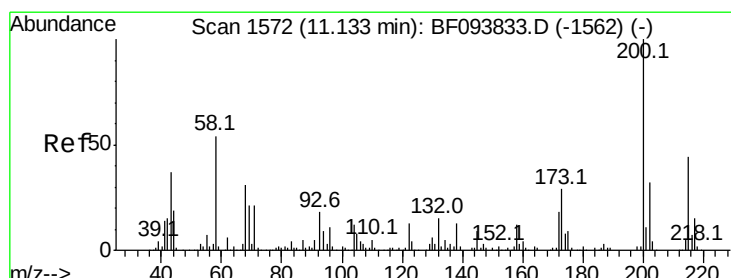
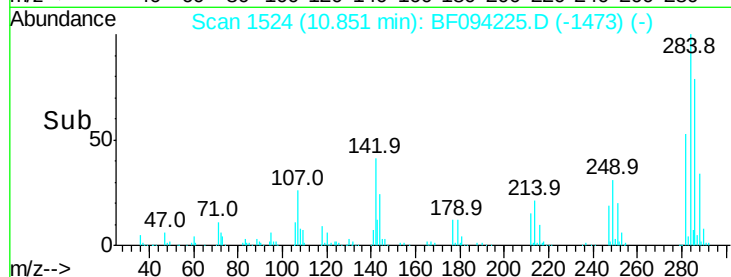
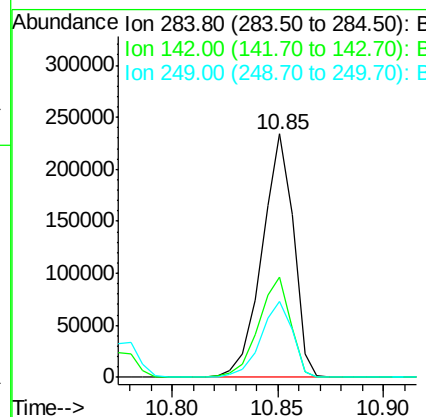
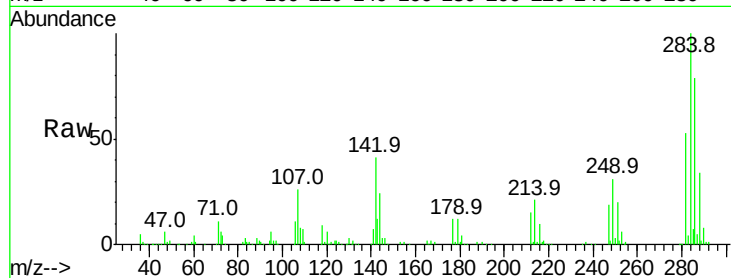
ClientSampleId :

PB98085BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	241967		
142	41.0	22.8	34.2#	
249	31.0	24.0	36.0	

Manual Integrations
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#68

Atrazine

Concen: 44.82 ng

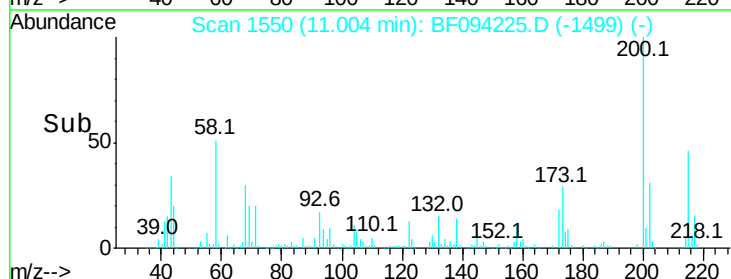
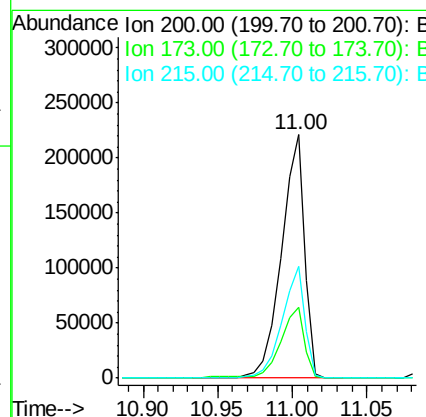
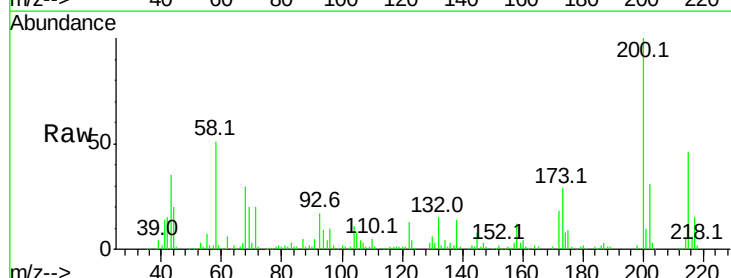
RT: 11.00 min Scan# 1550

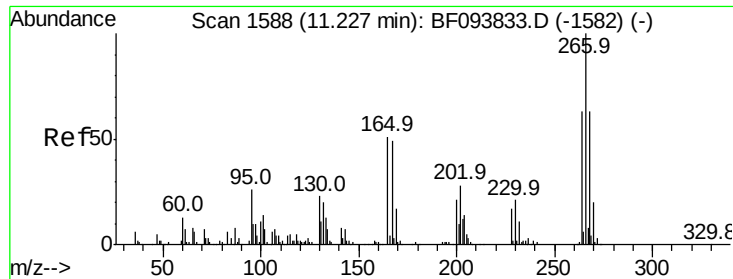
Delta R.T. -0.00 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	239717		
173	29.3	6.3	46.3	
215	45.7	27.2	67.2	





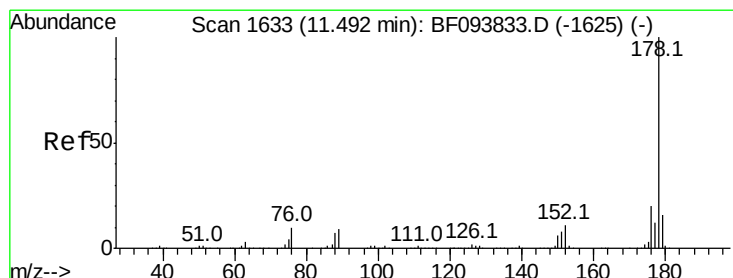
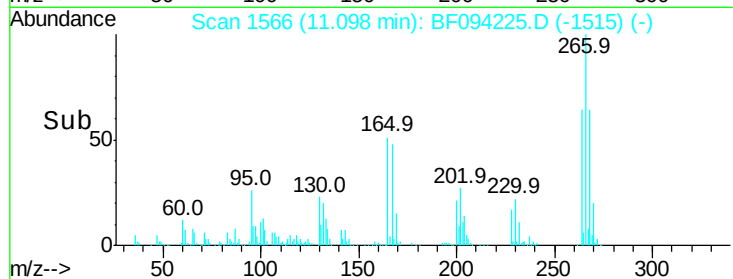
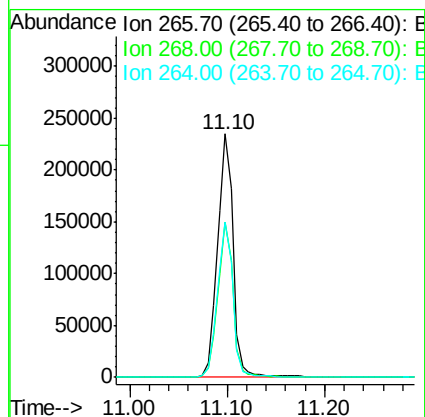
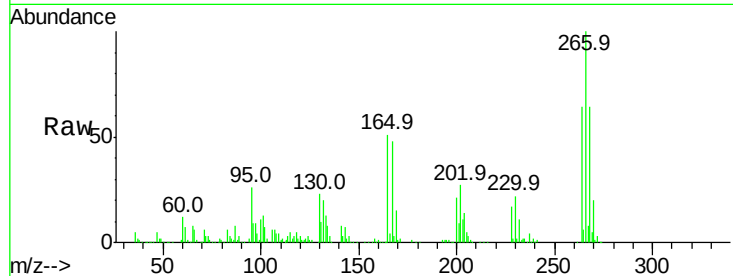
#69
 Pentachlorophenol
 Concen: 81.70 ng
 RT: 11.10 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	261439		
268	63.8		51.1	76.7
264	63.8		51.7	77.5

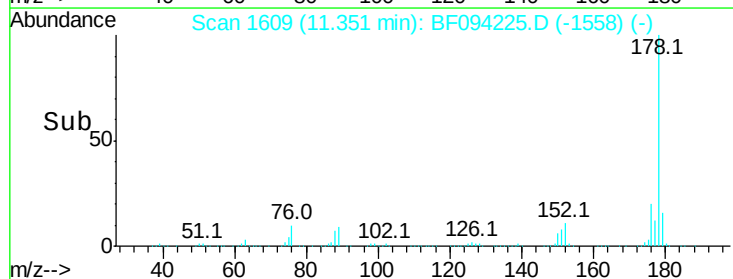
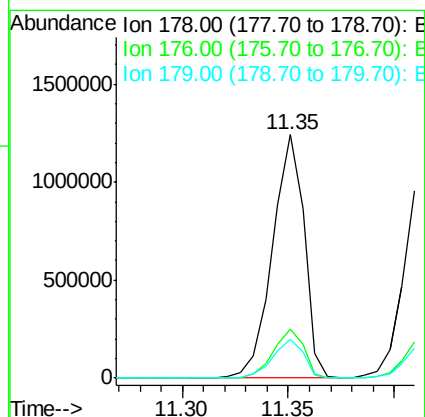
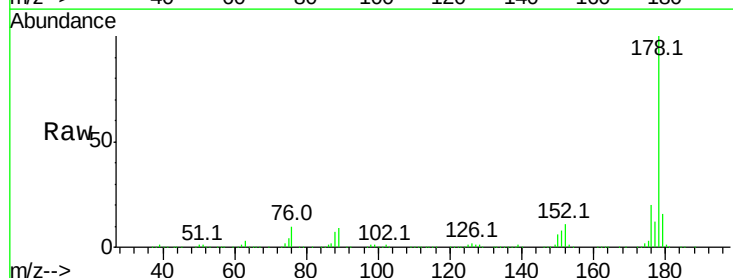
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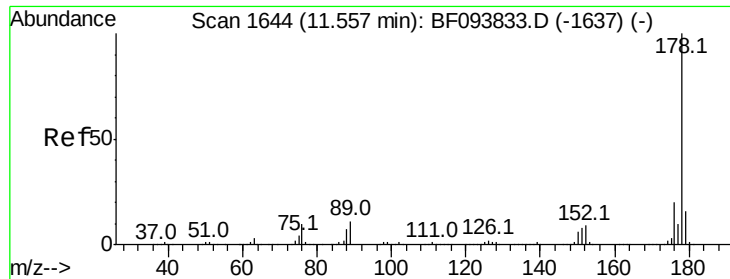
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#70
 Phenanthrene
 Concen: 45.16 ng
 RT: 11.35 min Scan# 1609
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1297317		
176	20.1		16.2	24.4
179	16.1		12.6	19.0





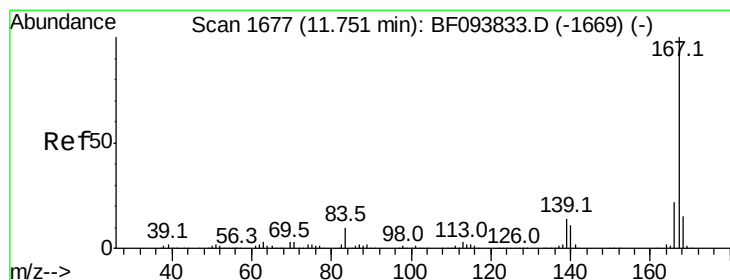
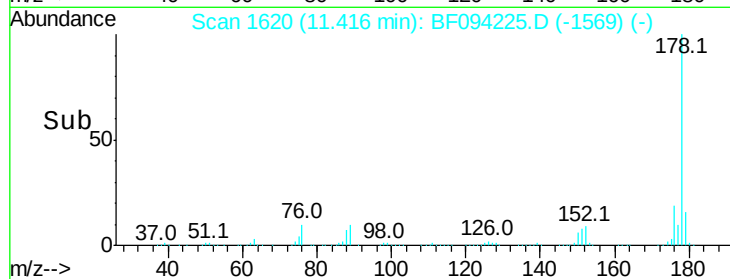
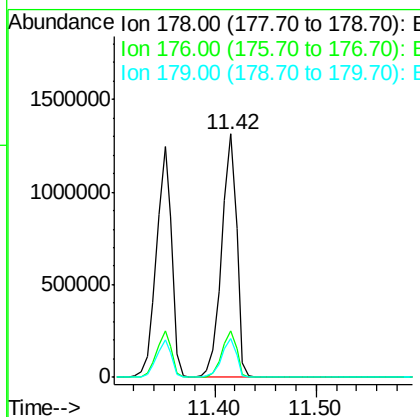
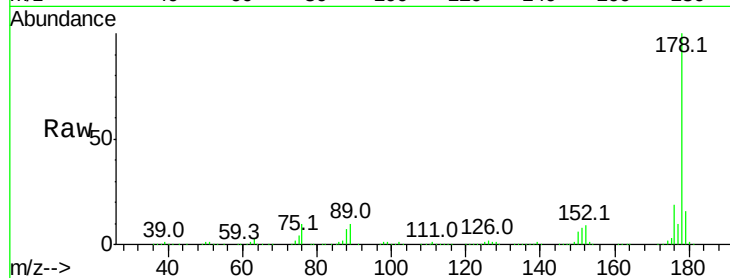
#71
 Anthracene
 Concen: 45.75 ng
 RT: 11.42 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

Tot Ion:178 Resp: 1353219
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.7 12.7 19.1

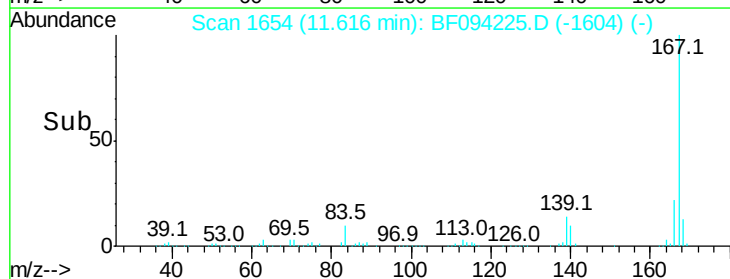
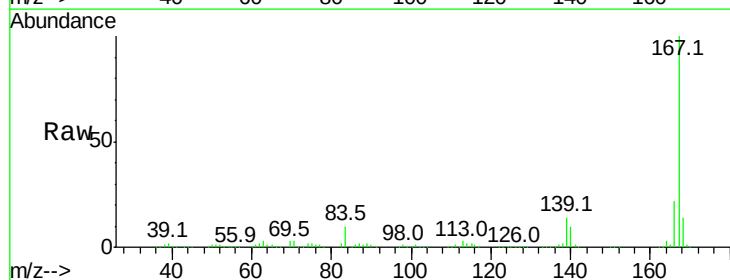
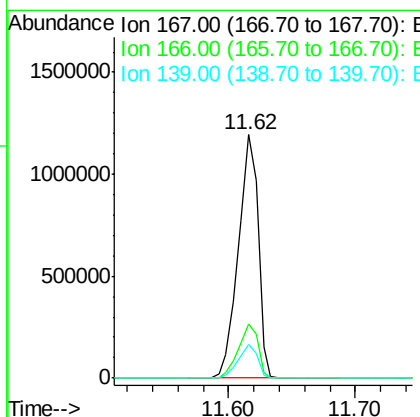
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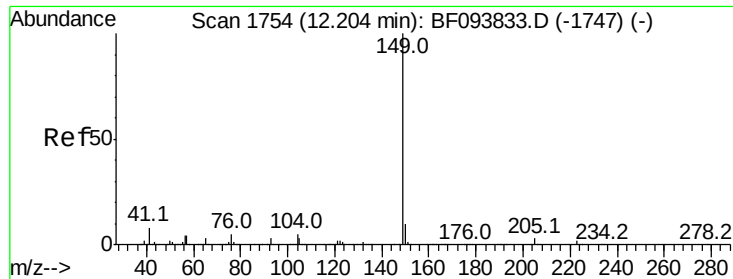
mohammad
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#72
 Carbazole
 Concen: 42.26 ng
 RT: 11.62 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion:167 Resp: 1281715
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.7 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.56 ng

RT: 12.07 min Scan# 1731

Delta R.T. -0.00 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

ClientSampleId :

PB98085BS

Tot Ion:149 Resp: 1531590

Ion Ratio Lower Upper

149 100

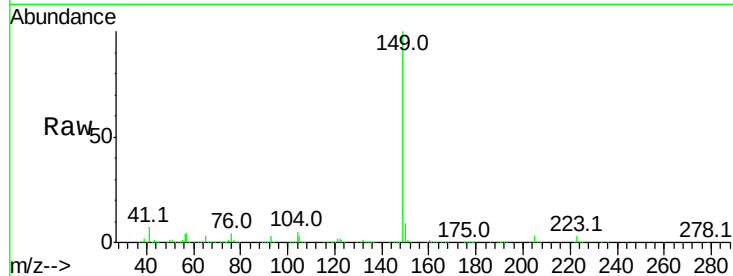
150 9.3 7.7 11.5

104 4.5 4.0 6.0

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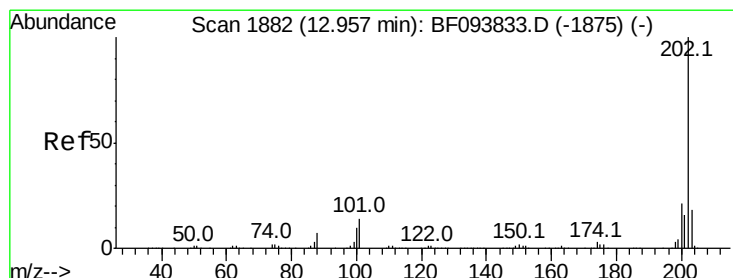
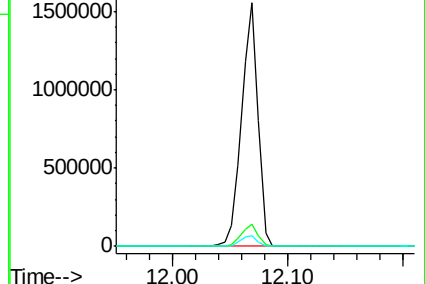
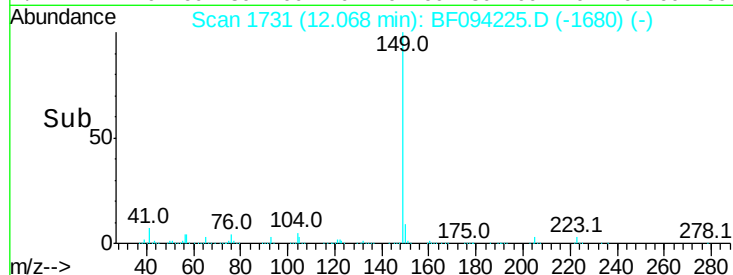
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.41 ng

RT: 12.81 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

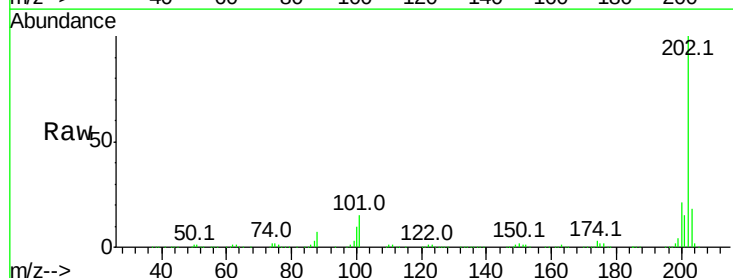
Tgt Ion:202 Resp: 1335653

Ion Ratio Lower Upper

202 100

101 14.5 0.0 33.2

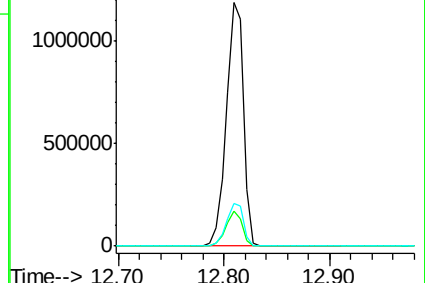
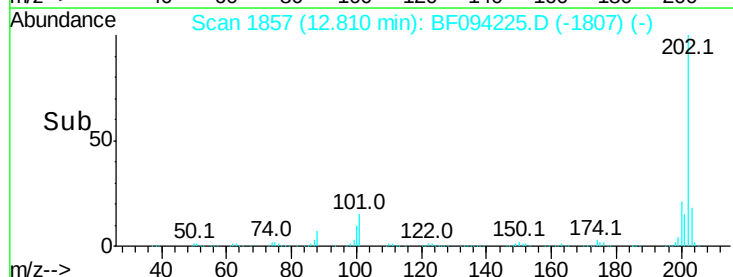
203 17.7 0.0 38.1

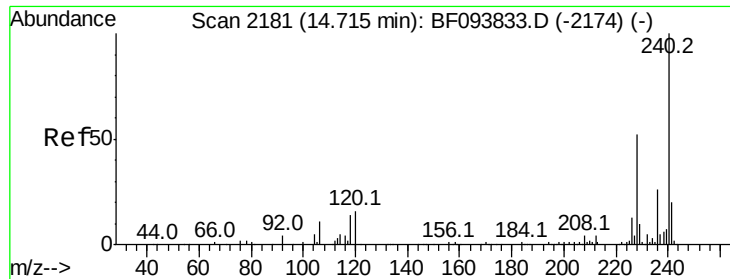


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.57 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

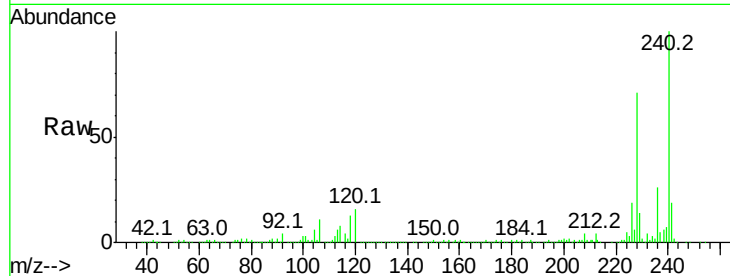
ClientSampled :

PB98085BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.7	5.8	8.8#
236	25.9	20.5	30.7

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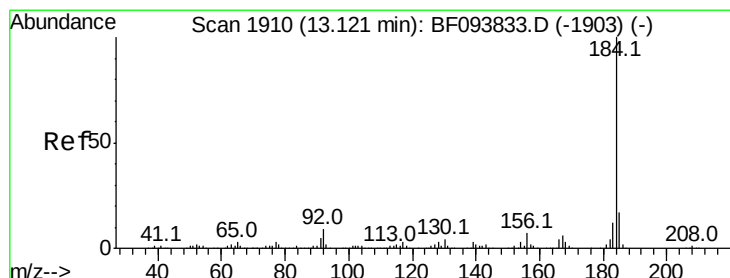
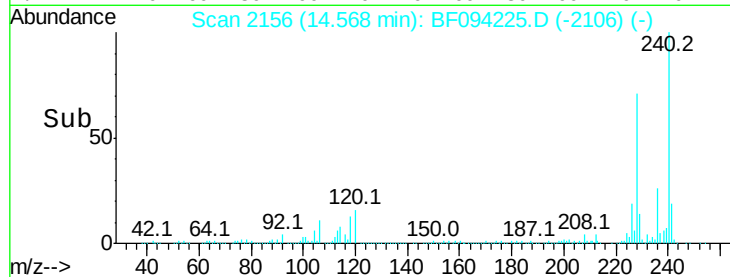
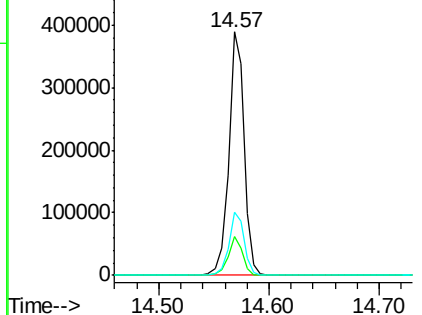
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.15 ng

RT: 12.98 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BF094225.D

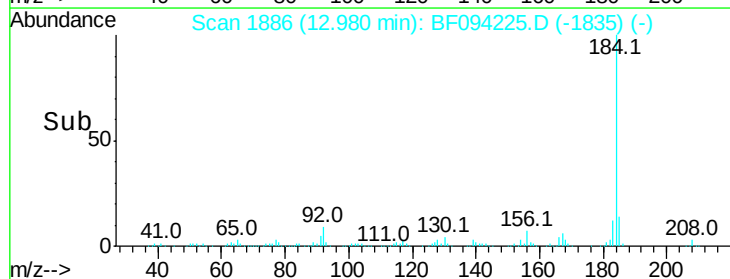
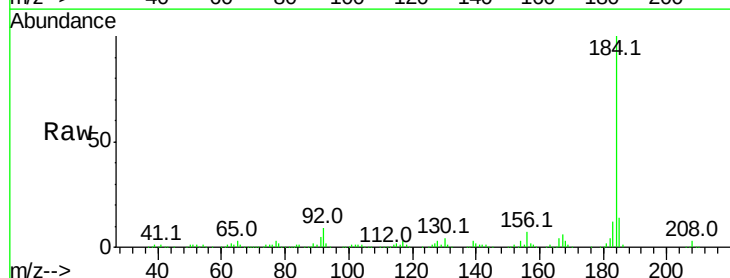
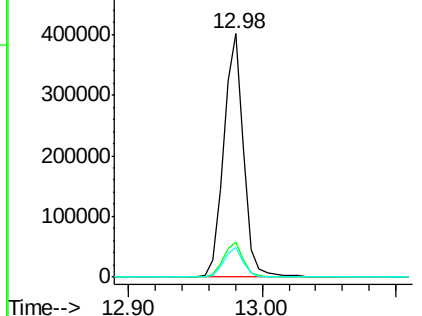
Acq: 6 Apr 2017 13:49

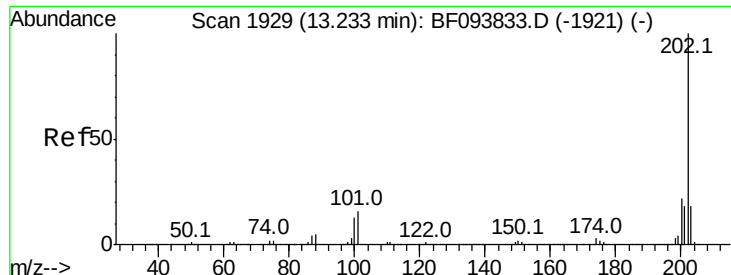
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	15.5	23.3#
183	12.4	9.8	14.6

Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





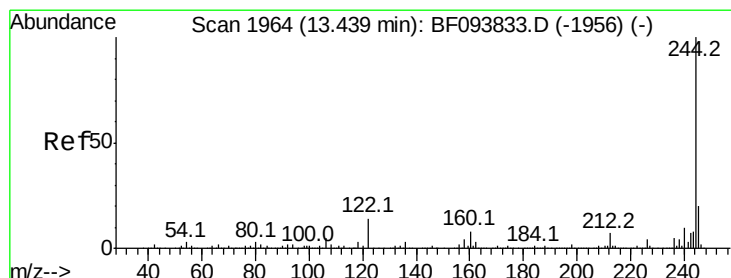
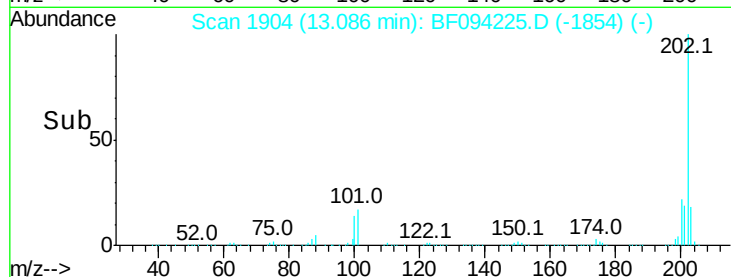
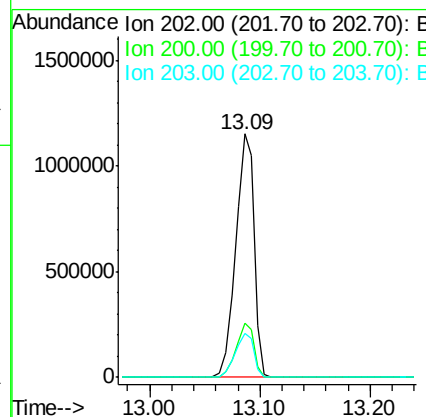
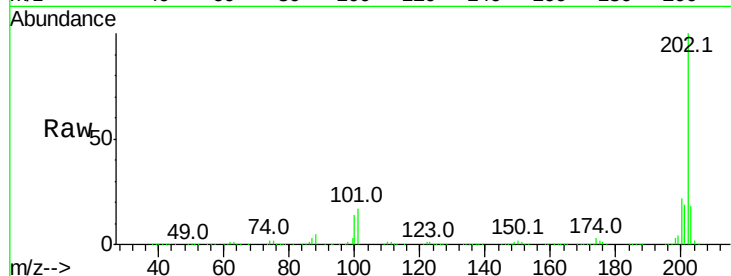
#77
Pvrene
Concen: 49.07 ng
RT: 13.09 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
PB98085BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	17.9	14.4	21.6

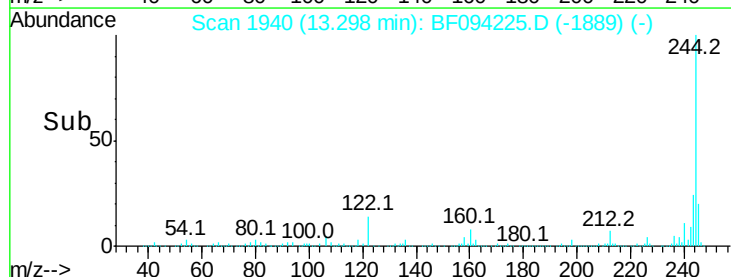
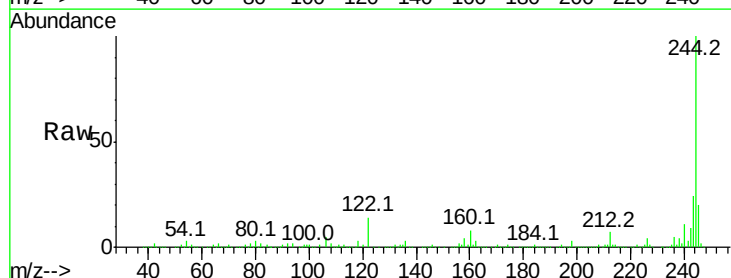
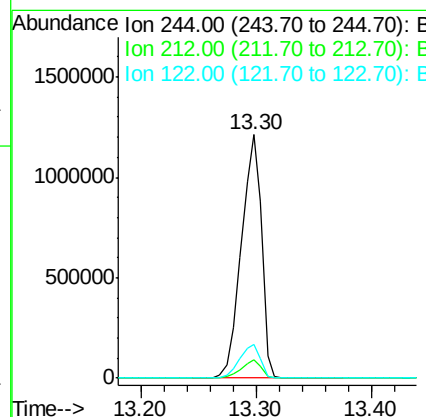
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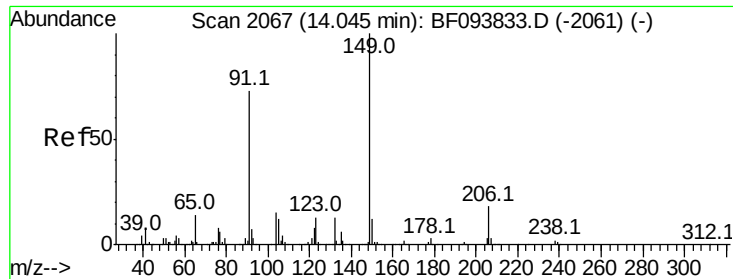
mohammad
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#78
Terphenyl-d14
Concen: 86.63 ng
RT: 13.30 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.8	10.3	15.5





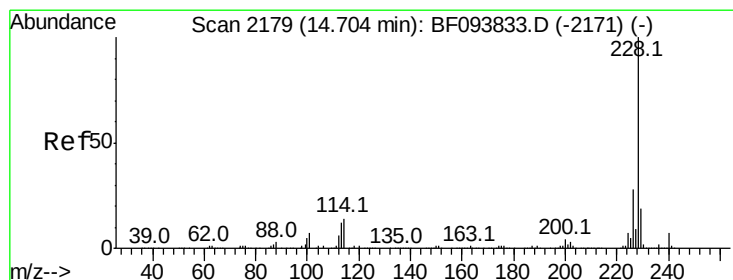
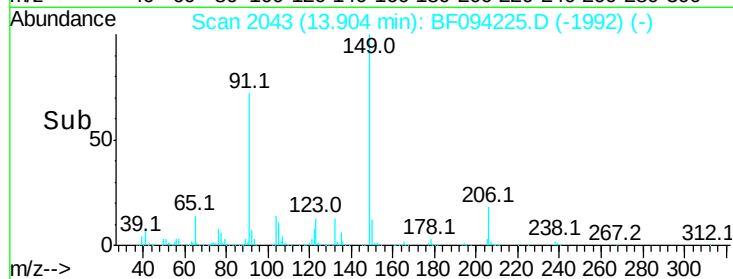
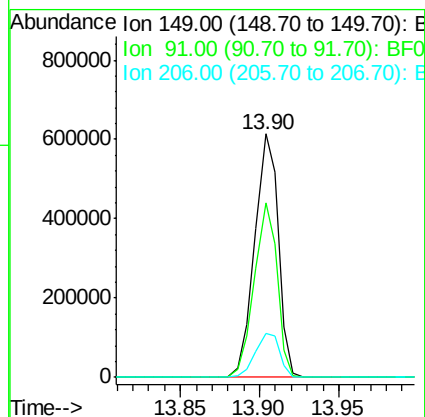
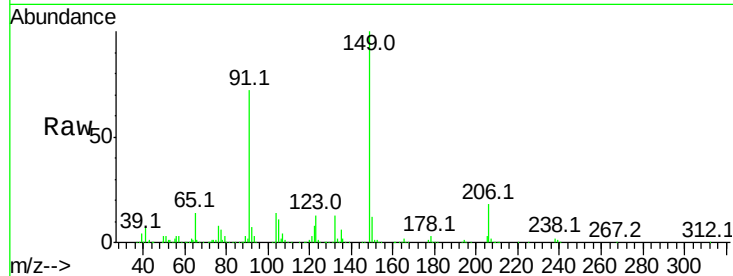
#79
Butylbenzylphthalate
Concen: 54.53 ng
RT: 13.90 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
PB98085BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.7	45.0	67.4#
206	18.3	17.0	25.6

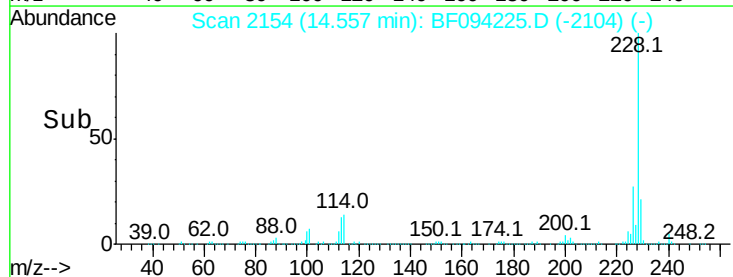
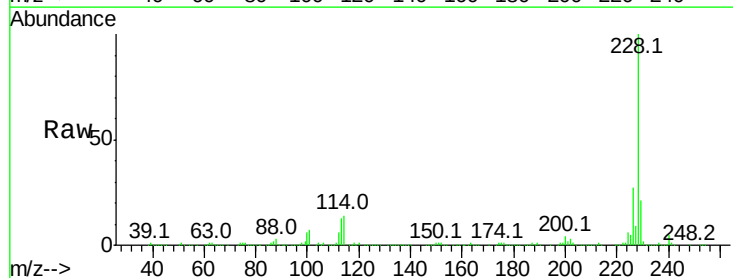
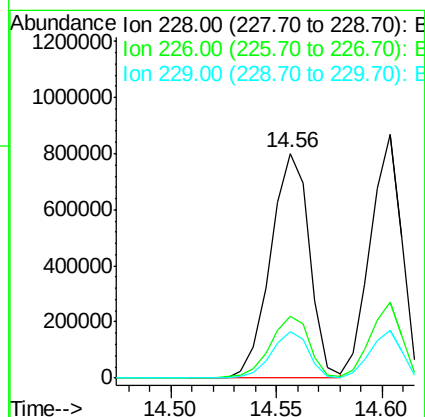
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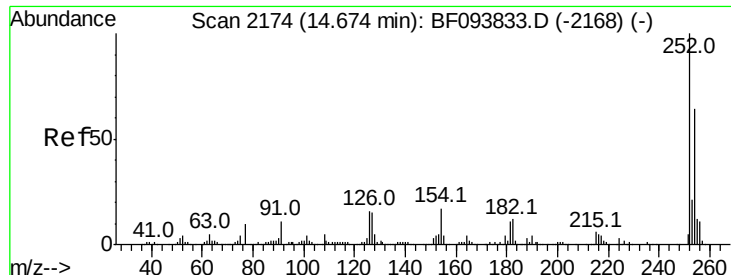
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#80
Benzo(a)anthracene
Concen: 46.86 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	33.8
229	20.7	16.3	24.5





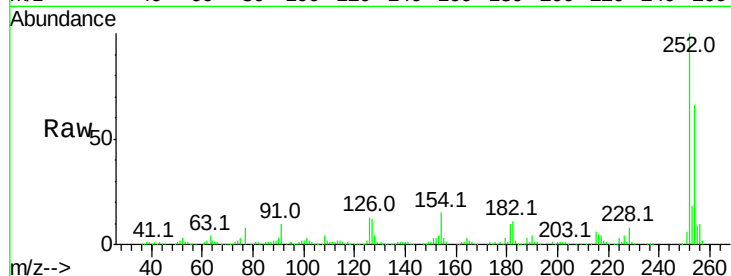
#81
 3,3'-Dichlorobenzidine
 Concen: 35.12 ng
 RT: 14.53 min Scan# 2150
 Delta R.T. -0.01 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

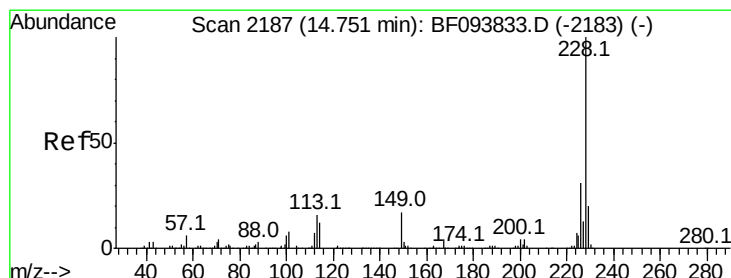
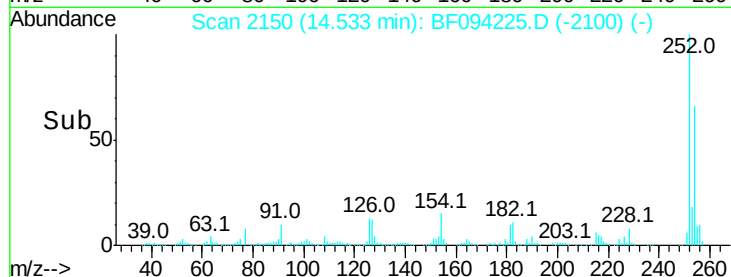
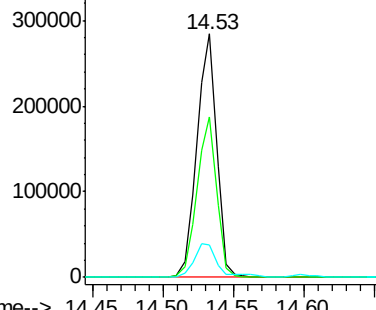
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	66.0	51.5	77.3
126	13.5	15.8	23.8

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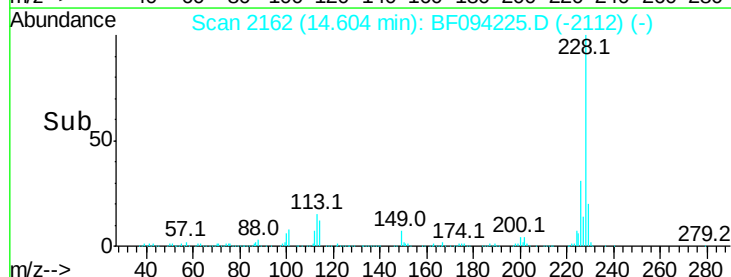
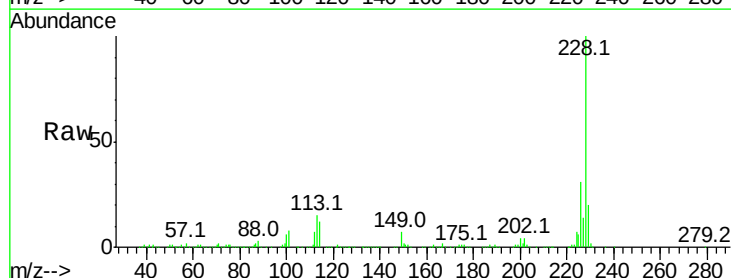
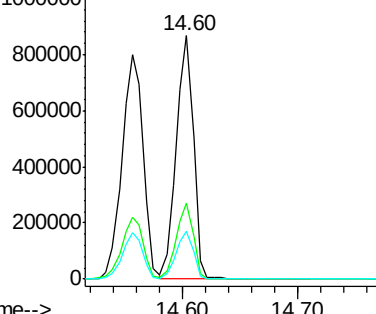
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

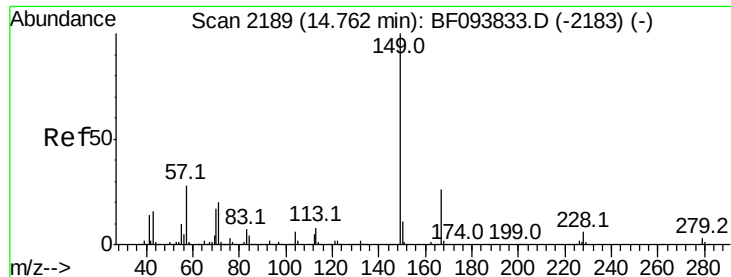


#82
 Chrysene
 Concen: 44.31 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.7	15.8	23.6

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





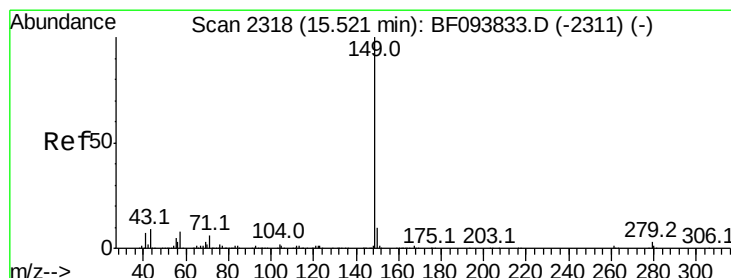
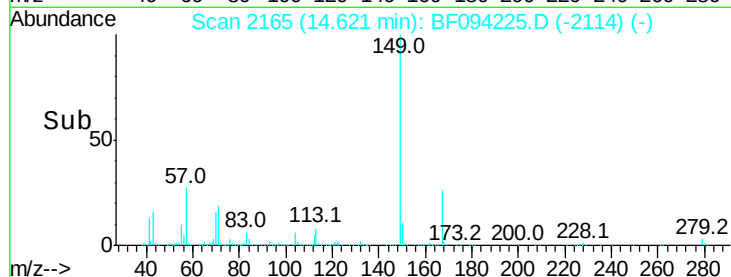
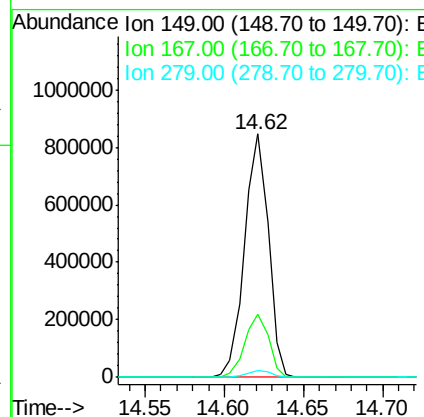
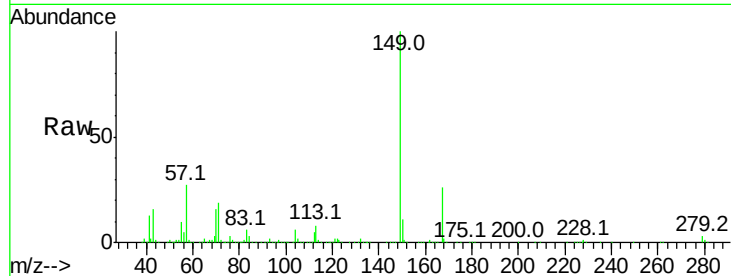
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.30 ng
 RT: 14.62 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	25.8	21.0	31.4	
279	3.0	1.9	2.9	

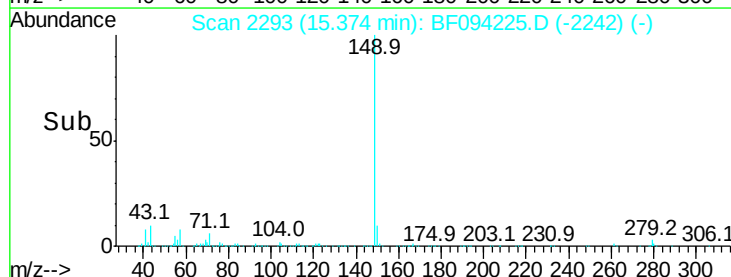
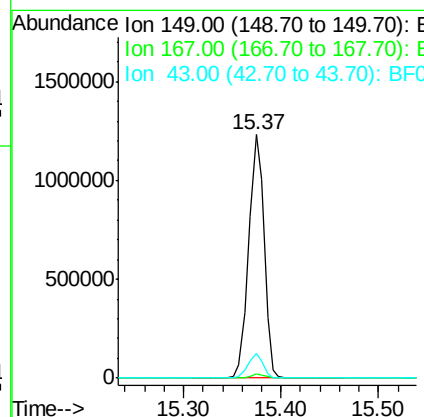
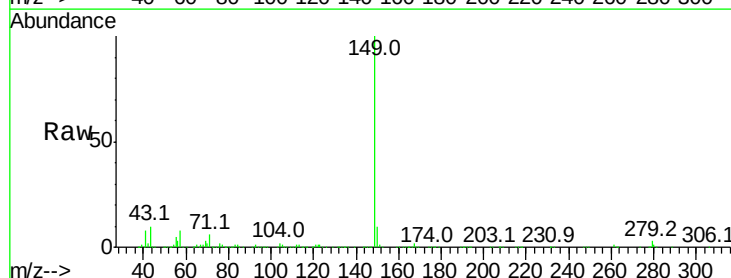
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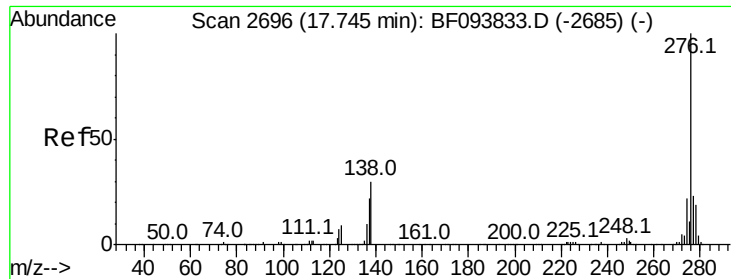
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#84
 Di-n-octyl phthalate
 Concen: 50.80 ng
 RT: 15.37 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.6	1.2	1.8	
43	9.5	8.5	12.7	





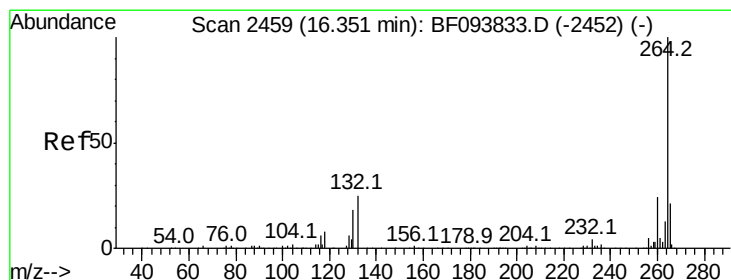
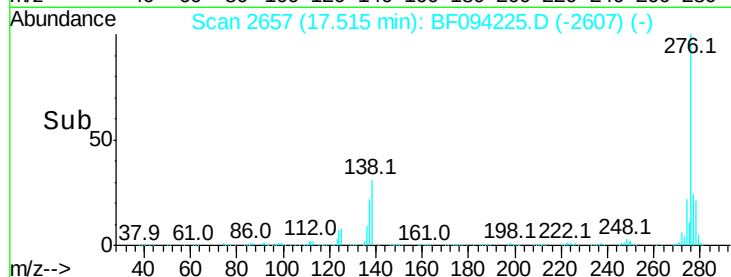
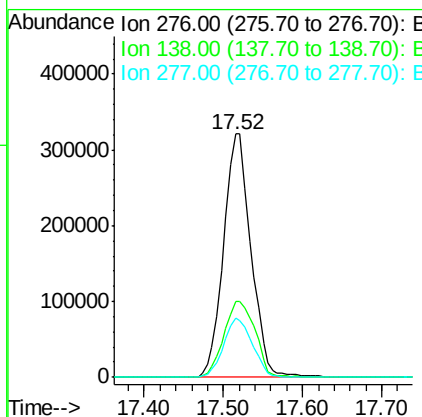
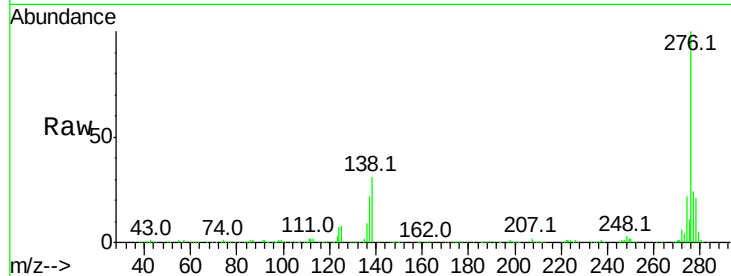
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.50 ng
 RT: 17.52 min Scan# 2657
 Delta R.T. -0.01 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.6	27.8	41.6
277	25.3	20.2	30.4

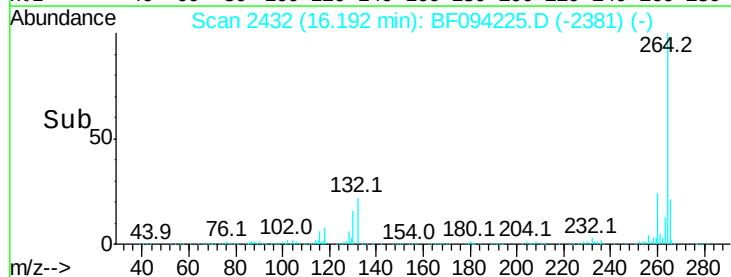
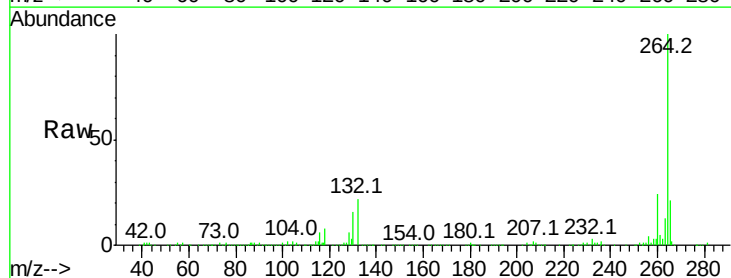
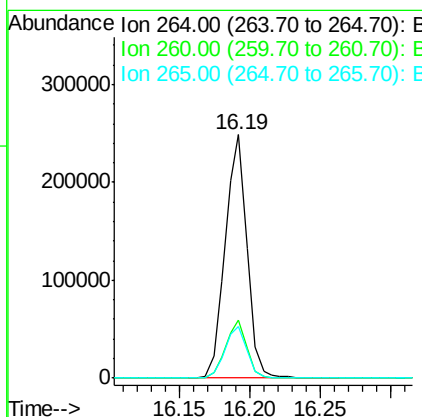
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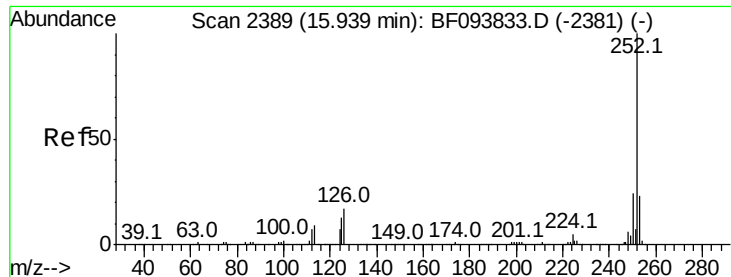
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.19 min Scan# 2432
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.90 ng

RT: 15.79 min Scan# 2364

Delta R.T. -0.00 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Instrument :

BNA_F

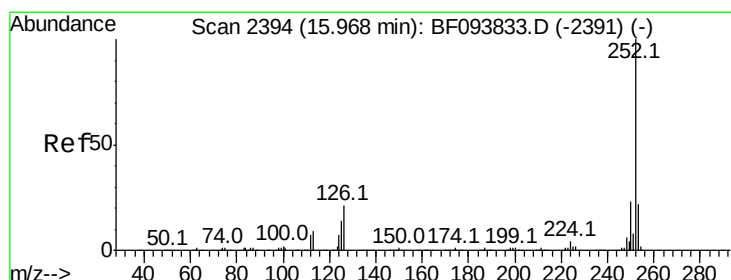
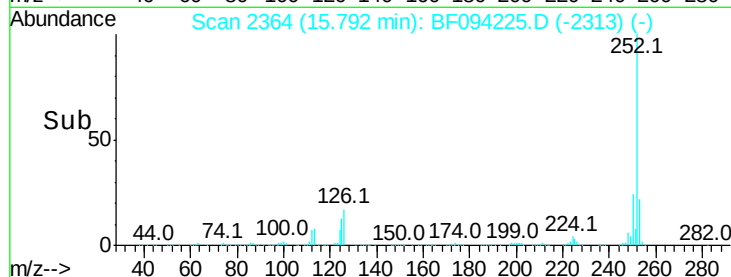
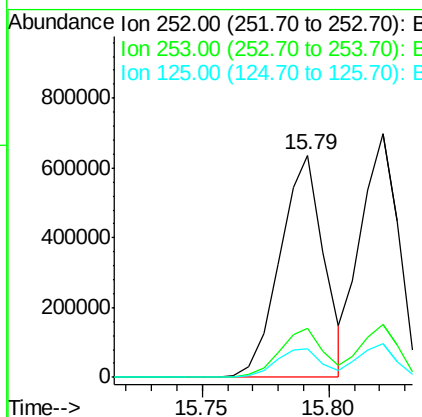
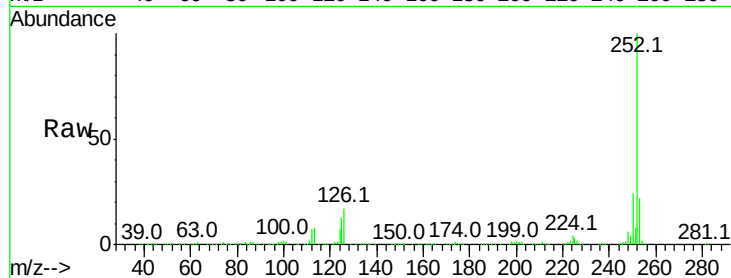
ClientSampleId :

PB98085BS

Tot Ion:	252	Resp:	766899
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	12.6	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 46.13 ng

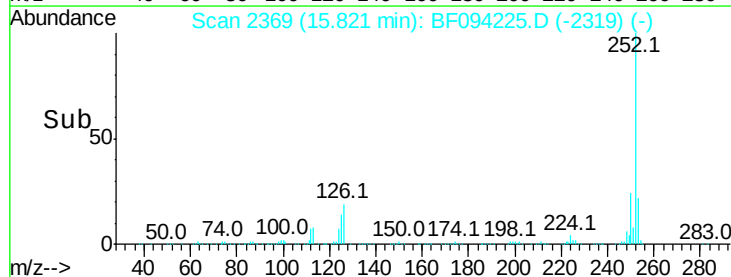
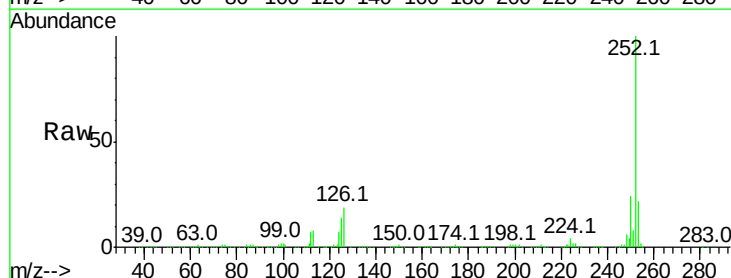
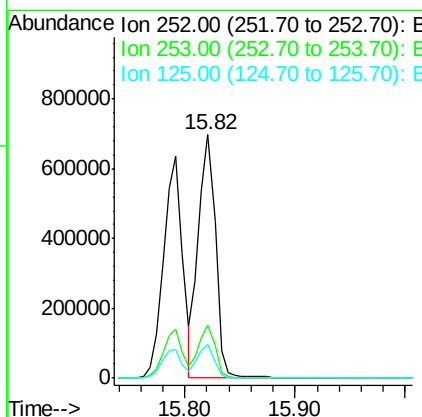
RT: 15.82 min Scan# 2369

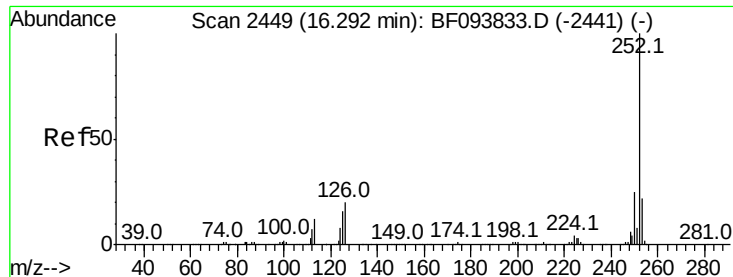
Delta R.T. -0.01 min

Lab File: BF094225.D

Acq: 6 Apr 2017 13:49

Tgt Ion:	252	Resp:	738028
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.4	27.6
125	13.7	13.1	19.7





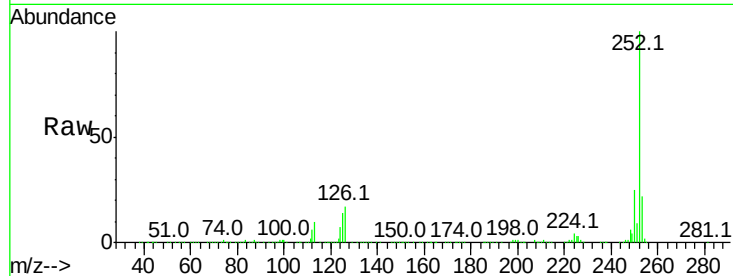
#89
Benzo(a)pyrene
Concen: 46.69 ng
RT: 16.14 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Instrument :
BNA_F
ClientSampleId :
PB98085BS

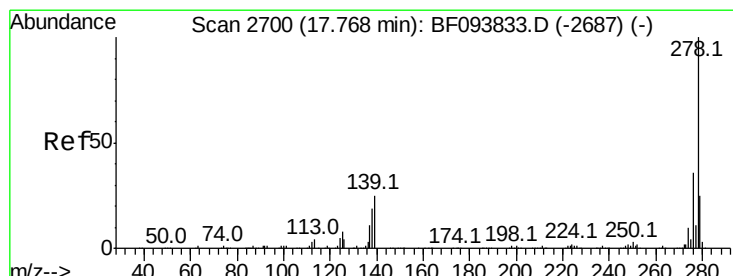
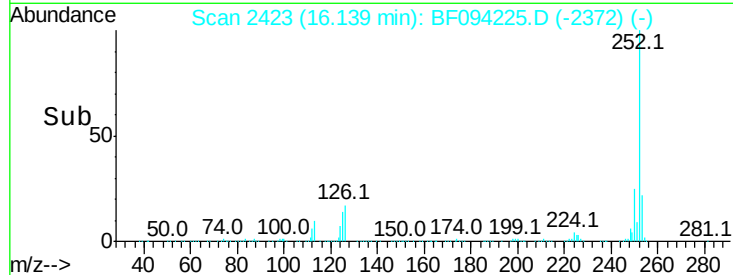
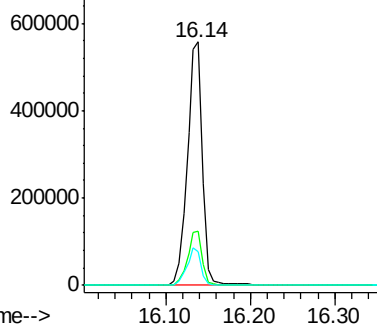
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	13.8	11.0	16.4

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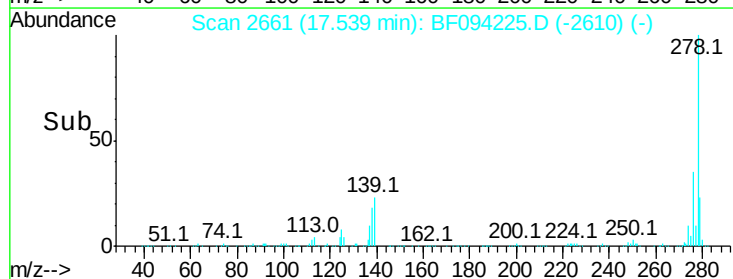
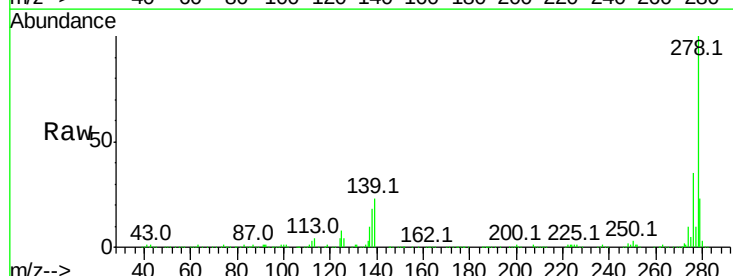
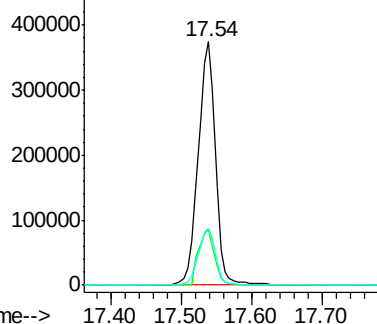
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

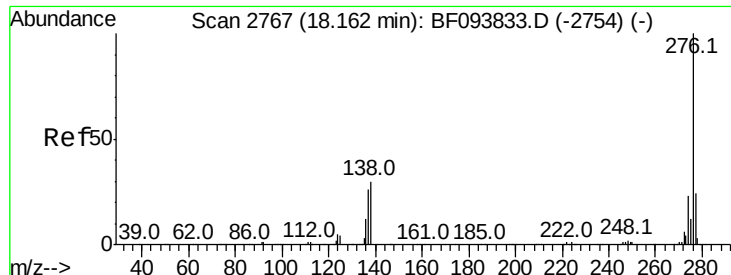


#90
Dibenzo(a,h)anthracene
Concen: 50.15 ng
RT: 17.54 min Scan# 2661
Delta R.T. -0.00 min
Lab File: BF094225.D
Acq: 6 Apr 2017 13:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	16.6	24.8
279	23.4	19.3	28.9

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 52.00 ng
 RT: 17.91 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: BF094225.D
 Acq: 6 Apr 2017 13:49

Instrument :
 BNA_F
 ClientSampleId :
 PB98085BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	30.3	25.4	38.0

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