

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
 Data File : BF094190.D
 Acq On : 5 Apr 2017 15:39
 Operator : SJ/MA
 Sample : PB98041BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Manual Integrations
 APPROVED

mohammad
 4/6/2017 3:38:28 PM

Quant Time: Apr 06 06:38:09 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 14:38:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	176876	20.00	ng	-0.04
21) Naphthalene-d8	7.37	136	712877	20.00	ng	-0.04
38) Acenaphthene-d10	9.51	164	330512	20.00	ng	-0.04
63) Phenanthrene-d10	11.33	188	577820	20.00	ng	-0.04
75) Chrysene-d12	14.59	240	450817	20.00	ng	-0.04
86) Perylene-d12	16.20	264	322119	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	4.41	112	1324263	126.46	ng	-0.02
7) Phenol-d6	5.48	99	1666578	128.64	ng	-0.03
23) Nitrobenzene-d5	6.52	82	1041876	83.41	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	367800	140.82	ng	-0.04
44) 2-Fluorobiphenyl	8.69	172	1891844	87.31	ng	-0.04
78) Terphenyl-d14	13.31	244	1609081	80.00	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.27	88	175410	34.87	ng	97
3) Pyridine	2.75	79	519220	37.87	ng	99
4) n-Nitrosodimethylamine	2.71	42	244929	43.41	ng	93
6) Aniline	5.49	93	394944	21.92	ng	# 1
8) 2-Chlorophenol	5.63	128	531135	46.14	ng	97
9) Benzaldehyde	5.36	77	286146	32.71	ng	97
10) Phenol	5.49	94	626432	42.49	ng	88
11) bis(2-Chloroethyl)ether	5.57	93	491614	42.67	ng	99
12) 1,3-Dichlorobenzene	5.80	146	566888	43.91	ng	99
13) 1,4-Dichlorobenzene	5.89	146	569604	43.56	ng	97
14) 1,2-Dichlorobenzene	6.06	146	527555	43.81	ng	95
15) Benzyl Alcohol	6.04	79	422567	44.56	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	691290	38.94	ng	96
17) 2-Methylphenol	6.18	107	438706	44.50	ng	97
18) Hexachloroethane	6.45	117	202048	43.96	ng	# 81
19) n-Nitroso-di-n-propylamine	6.35	70	360510	43.30	ng	99
20) 3+4-Methylphenols	6.36	107	570037	47.74	ng	# 63
22) Acetophenone	6.34	105	744390	46.85	ng	# 87
24) Nitrobenzene	6.54	77	541633	43.96	ng	95
25) Isophorone	6.83	82	975329	44.43	ng	96
26) 2-Nitrophenol	6.92	139	303386	51.64	ng	99
27) 2,4-Dimethylphenol	6.99	122	482458	47.66	ng	99
28) bis(2-Chloroethoxy)methane	7.09	93	636589	43.98	ng	99
29) 2,4-Dichlorophenol	7.21	162	460163	48.62	ng	97
30) 1,2,4-Trichlorobenzene	7.30	180	436682	44.79	ng	98
31) Naphthalene	7.40	128	1490319	43.48	ng	100
33) 4-Chloroaniline	7.46	127	221107	15.92	ng	# 93
34) Hexachlorobutadiene	7.55	225	224521	44.91	ng	99
35) Caprolactam	7.92	113	142258m	47.13	ng	
36) 4-Chloro-3-methylphenol	8.09	107	493536	49.90	ng	89
37) 2-Methylnaphthalene	8.24	142	1032784	45.20	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.45	216	380334	42.06	ng	99
40) Hexachlorocyclopentadiene	8.43	237	386571	91.37	ng	98
42) 2,4,6-Trichlorophenol	8.59	196	310289	48.51	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	8.65	196	316184	45.68	nq	94
45) 1,1'-Biphenyl	8.82	154	1153720	43.28	nq	99
46) 2-Chloronaphthalene	8.83	162	923244	44.24	nq	94
47) 2-Nitroaniline	8.96	65	294950	47.65	nq	# 84
48) Acenaphthylene	9.34	152	1467278	42.31	nq	100
49) Dimethylphthalate	9.20	163	1113708	47.40	nq	99
50) 2,6-Dinitrotoluene	9.27	165	253371	47.05	nq	# 90
51) Acenaphthene	9.55	154	867965	42.89	nq	98
52) 3-Nitroaniline	9.46	138	150612	23.82	nq	94
53) 2,4-Dinitrophenol	9.60	184	63142	25.29	nq	# 70
54) Dibenzofuran	9.77	168	1261210	45.78	nq	99
55) 4-Nitrophenol	9.72	139	410881	82.96	nq	# 64
56) 2,4-Dinitrotoluene	9.76	165	308929	45.66	nq	# 65
57) Fluorene	10.19	166	958115	41.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	222371	46.82	nq	99
59) Diethylphthalate	10.07	149	1081607	46.58	nq	99
60) 4-Chlorophenyl-phenylether	10.19	204	414550	42.59	nq	93
61) 4-Nitroaniline	10.23	138	291240	47.99	nq	95
62) Azobenzene	10.39	77	1051741	47.88	nq	97
64) 4,6-Dinitro-2-methylphenol	10.26	198	83664	23.64	nq	79
65) n-Nitrosodiphenylamine	10.35	169	918978	45.99	nq	98
66) 4-Bromophenyl-phenylether	10.79	248	262399	46.17	nq	98
67) Hexachlorobenzene	10.86	284	270836	47.08	nq	# 89
68) Atrazine	11.02	200	272110	45.46	nq	97
69) Pentachlorophenol	11.11	266	195404	54.57	nq	99
70) Phenanthrene	11.36	178	1432670	44.57	nq	99
71) Anthracene	11.43	178	1491598	45.07	nq	99
72) Carbazole	11.63	167	1423557	41.95	nq	98
73) Di-n-butylphthalate	12.08	149	1686120	47.77	nq	99
74) Fluoranthene	12.83	202	1497276	45.49	nq	99
76) Benzidine	12.99	184	668307	37.46	nq	# 93
77) Pyrene	13.10	202	1510654	46.17	nq	99
79) Butylbenzylphthalate	13.92	149	723995	51.94	nq	89
80) Benzo(a)anthracene	14.57	228	1227042	46.68	nq	99
81) 3,3'-Dichlorobenzidine	14.54	252	162826	17.33	nq	# 96
82) Chrysene	14.62	228	1078030	44.19	nq	99
83) Bis(2-ethylhexyl)phthalate	14.63	149	962749	50.62	nq	# 99
84) Di-n-octyl phthalate	15.39	149	1494168	47.03	nq	98
85) Indeno(1,2,3-cd)pyrene	17.54	276	866001	40.99	nq	99
87) Benzo(b)fluoranthene	15.80	252	937526	47.48	nq	97
88) Benzo(k)fluoranthene	15.83	252	925576	47.91	nq	97
89) Benzo(a)pyrene	16.15	252	851818	46.85	nq	99
90) Dibenzo(a,h)anthracene	17.56	278	712576	46.28	nq	99
91) Benzo(g,h,i)perylene	17.93	276	727410	46.87	nq	99

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

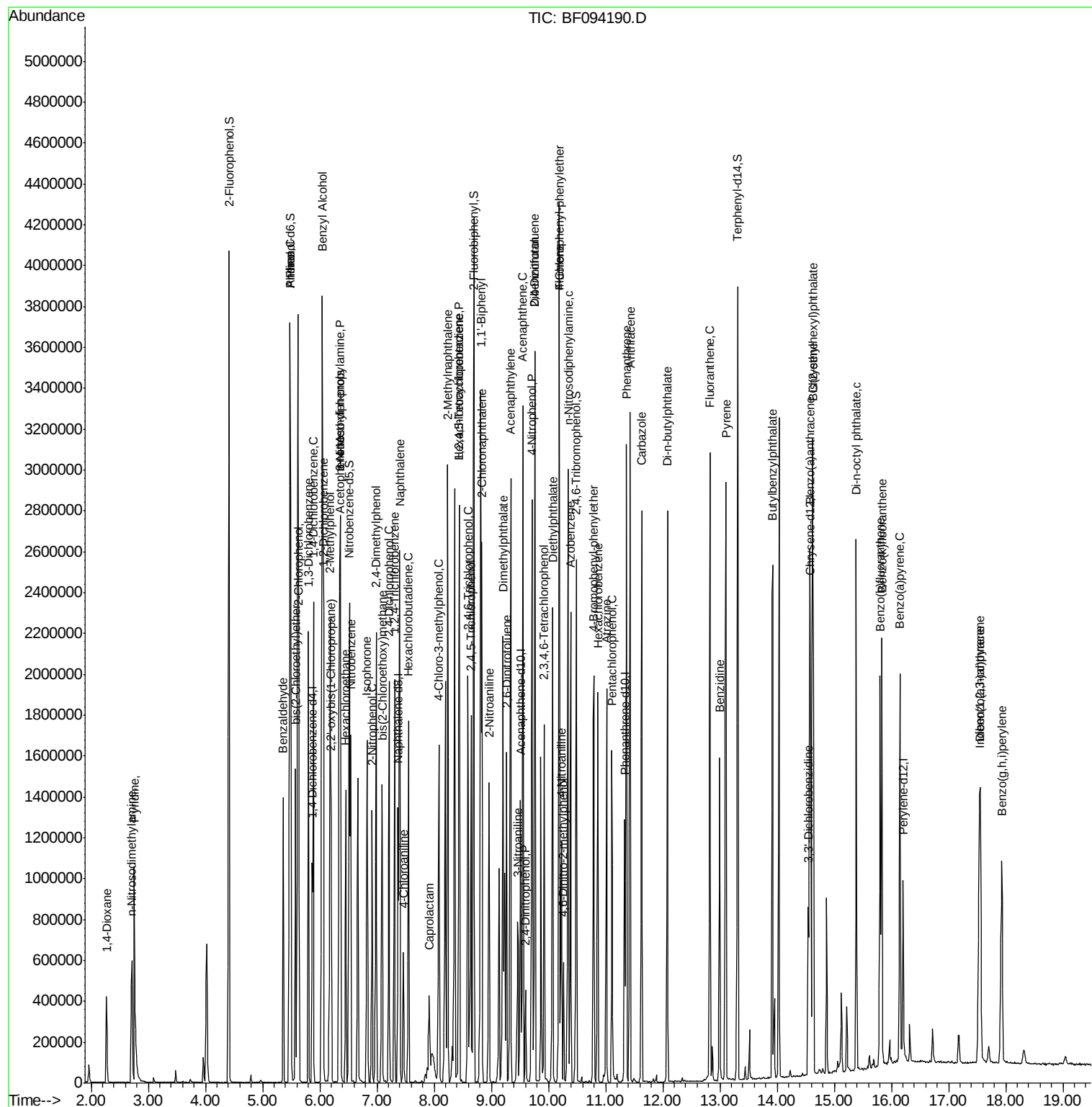
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
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ALS Vial : 4 Sample Multiplier: 1

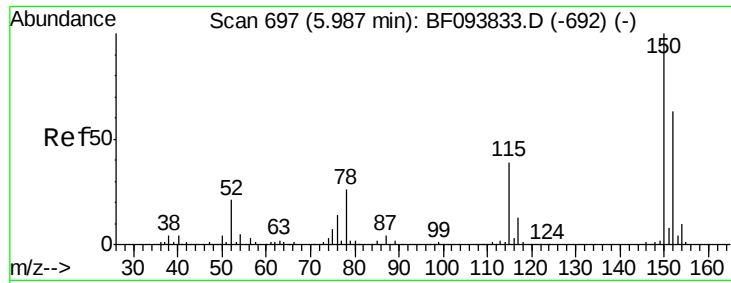
Instrument :
BNA_F
Client Sampled :
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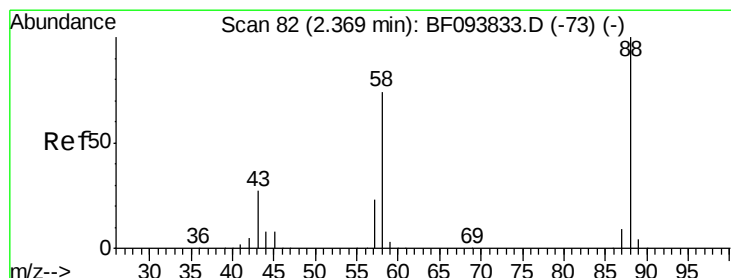
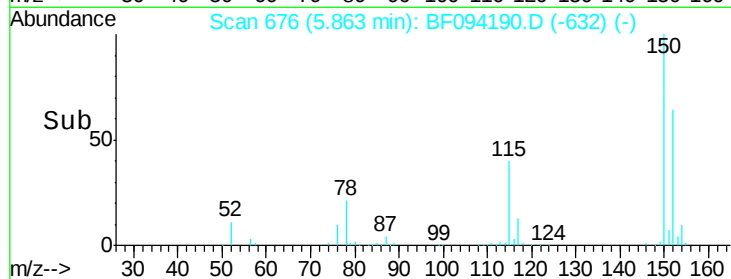
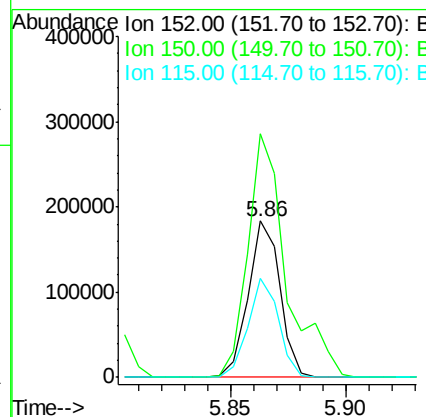
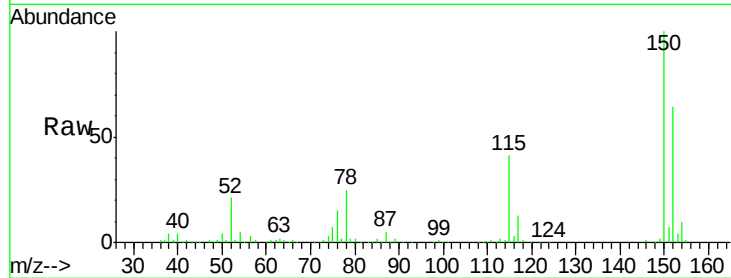
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.86 min Scan# 676
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.2	189.2
115	63.1	52.2	78.2

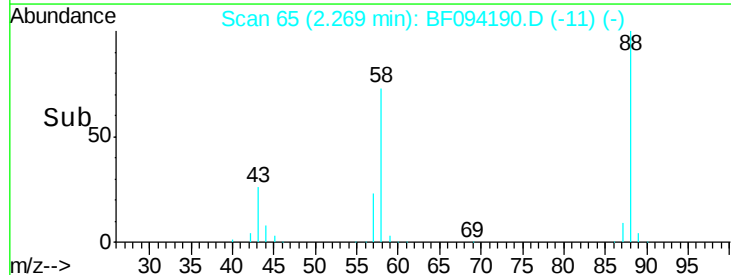
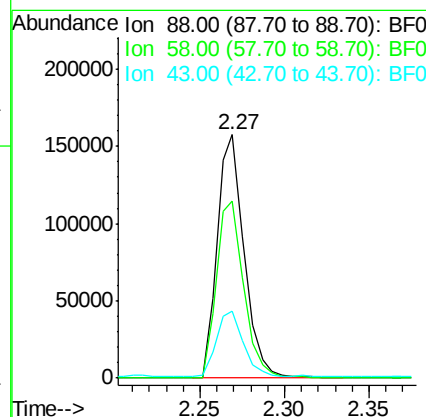
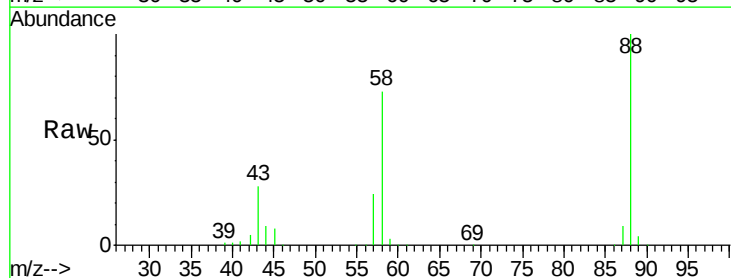
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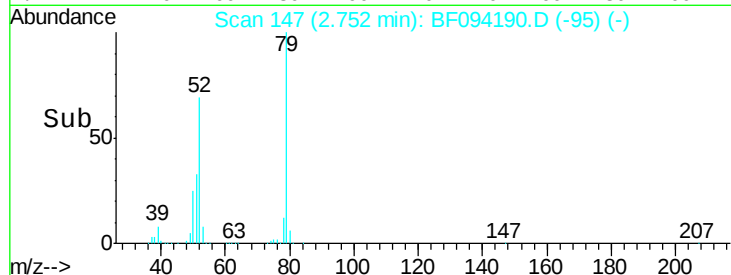
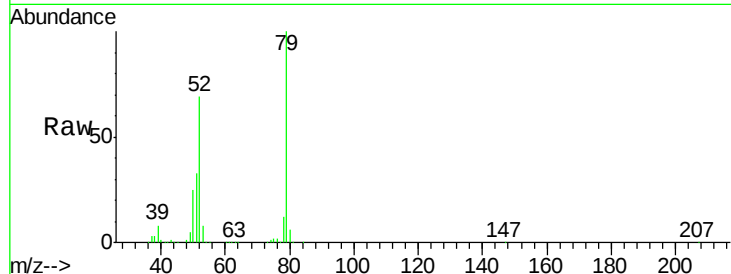
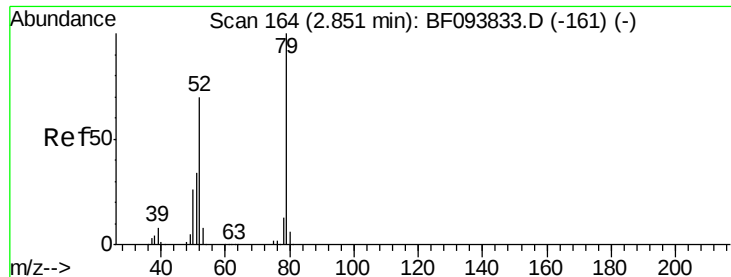
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#2
 1,4-Dioxane
 Concen: 34.87 ng
 RT: 2.27 min Scan# 65
 Delta R.T. 0.02 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.3	61.4	92.0
43	27.4	23.4	35.0





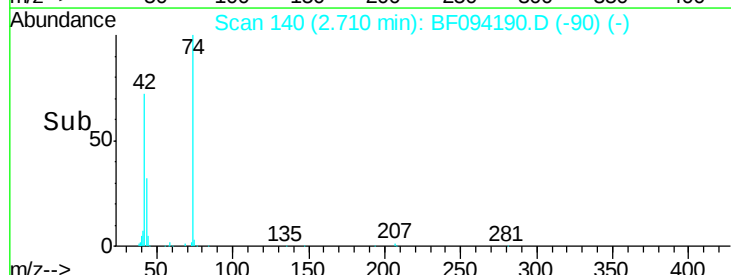
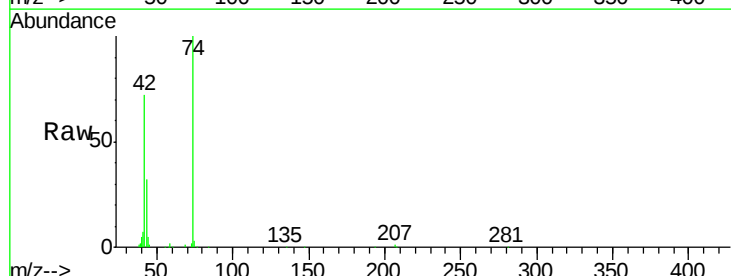
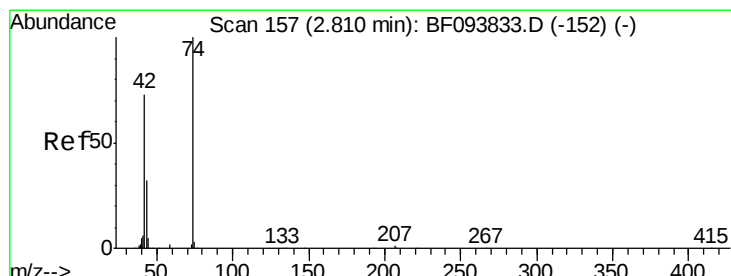
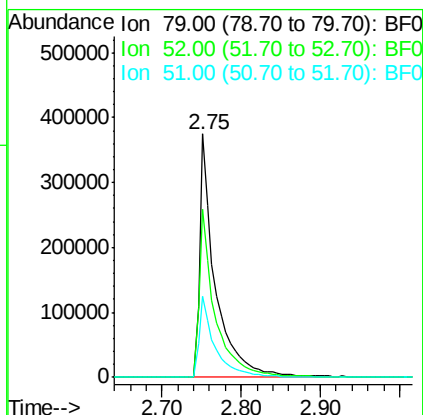
#3
 Pvridine
 Concen: 37.87 ng
 RT: 2.75 min Scan# 147
 Delta R.T. 0.01 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tot Ion	Ratio	Resp	Lower	Upper
79	100	519220		
52	69.3		54.8	82.2
51	33.1		27.0	40.4

Instrument :
 BNA_F
 ClientSampleID :
 PB98041BS

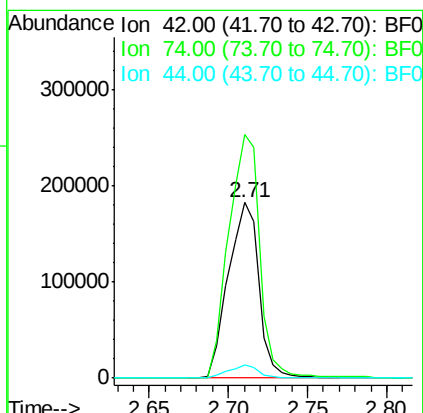
Manual Integrations
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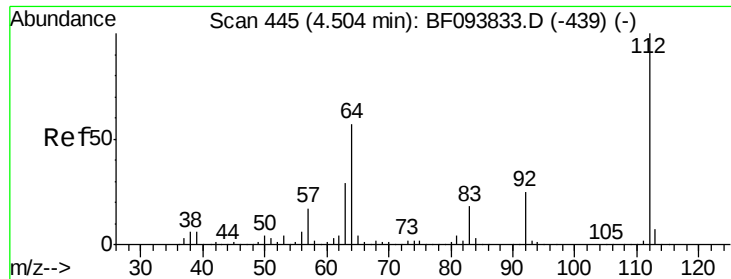
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#4
 n-Nitrosodimethylamine
 Concen: 43.41 ng
 RT: 2.71 min Scan# 140
 Delta R.T. -0.01 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	244929		
74	139.0		103.9	155.9
44	7.2		5.7	8.5





#5

2-Fluorophenol

Concen: 126.46 ng

RT: 4.41 min Scan# 429

Delta R.T. -0.02 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

Tot Ion: 112 Resp: 1324263

Ion Ratio Lower Upper

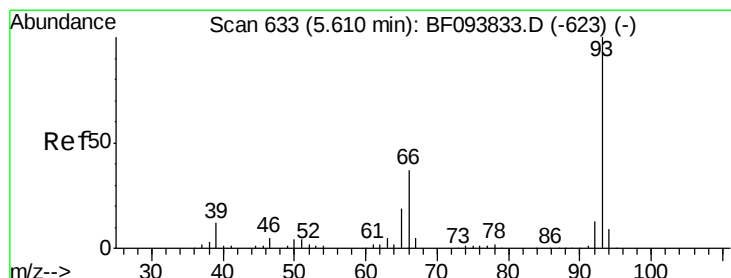
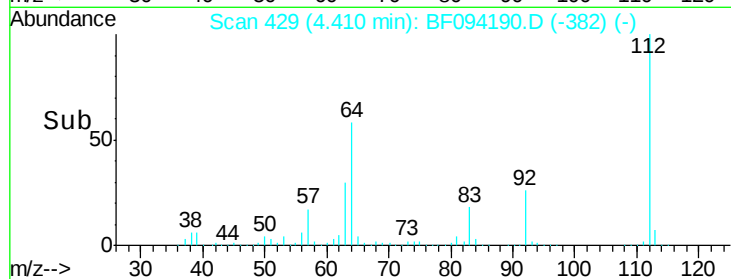
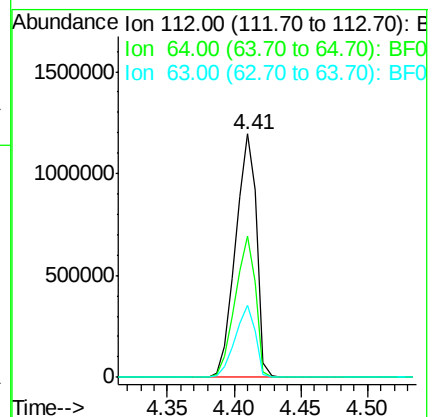
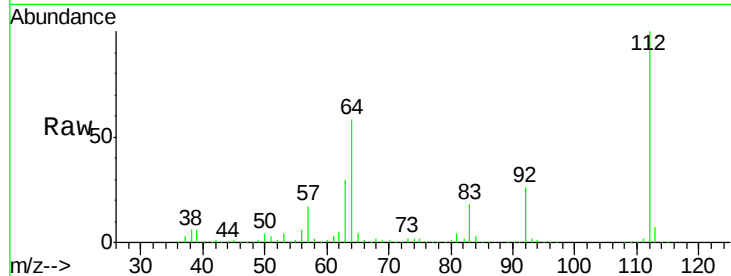
112 100

64 58.2 46.0 69.0

63 29.6 23.4 35.0

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#6

Aniline

Concen: 21.92 ng

RT: 5.49 min Scan# 613

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

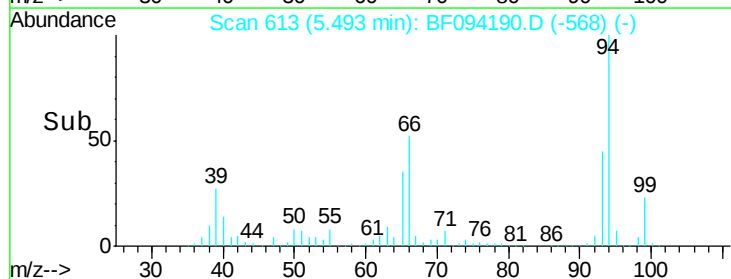
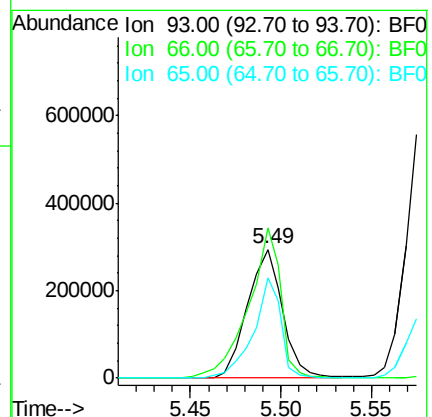
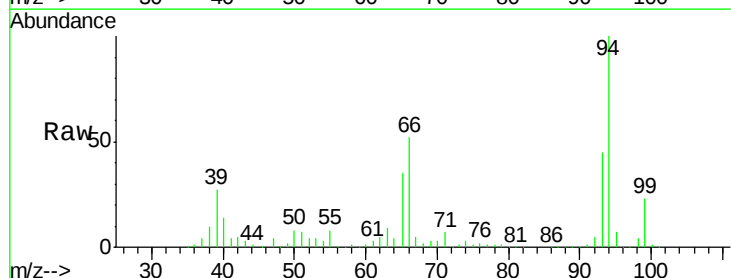
Tgt Ion: 93 Resp: 394944

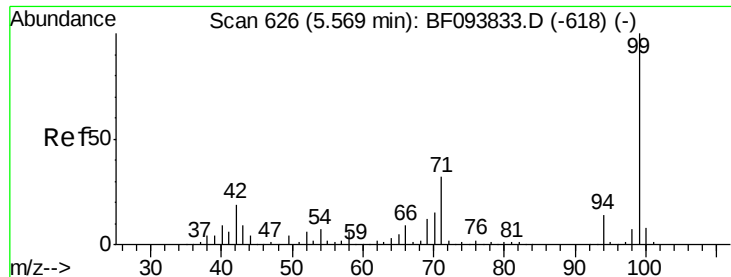
Ion Ratio Lower Upper

93 100

66 116.9 32.9 49.3#

65 77.6 16.0 24.0#





#7

Phenol-d6

Concen: 128.64 ng

RT: 5.48 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

Tot Ion: 99 Resp: 1666578

Ion Ratio Lower Upper

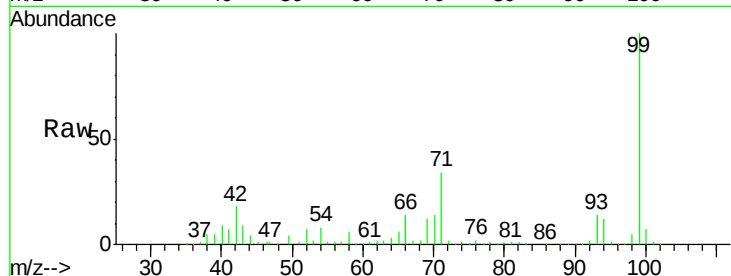
99 100

42 18.3 13.5 20.3

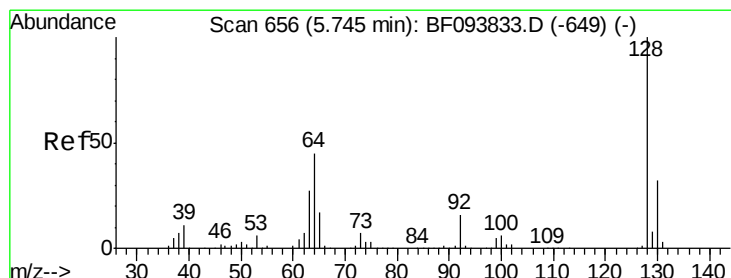
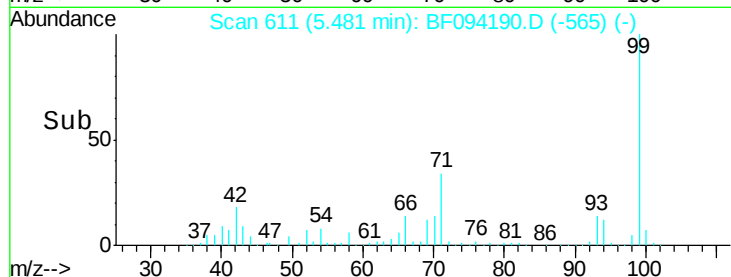
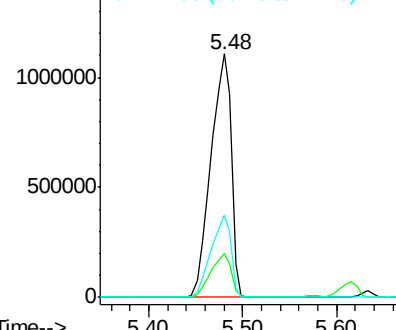
71 33.6 24.5 36.7

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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: 46.14 ng

RT: 5.63 min Scan# 637

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

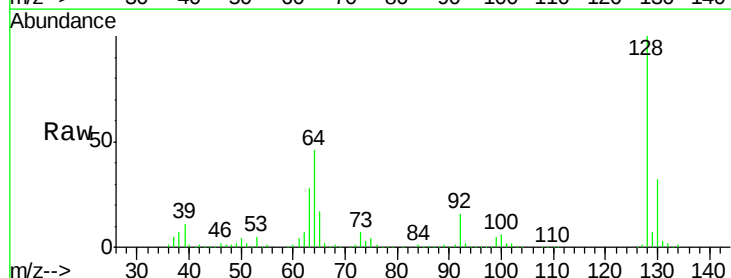
Tgt Ion:128 Resp: 531135

Ion Ratio Lower Upper

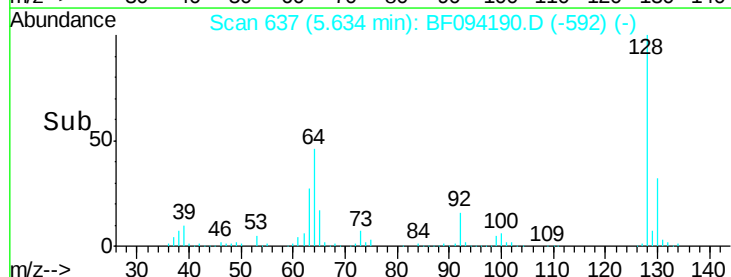
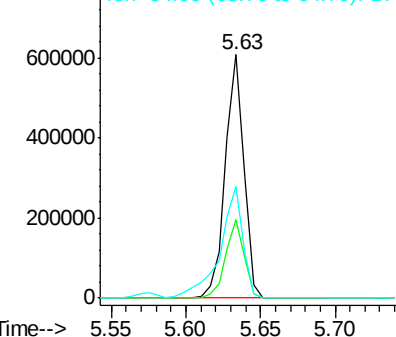
128 100

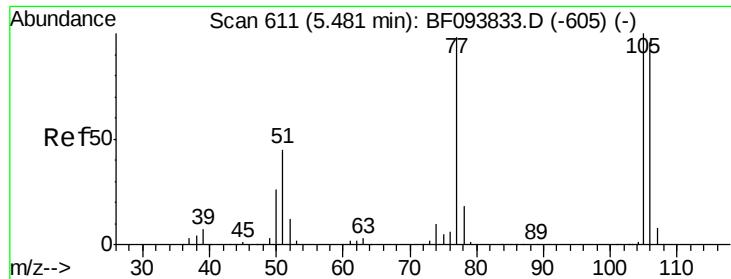
130 32.4 12.9 52.9

64 45.7 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





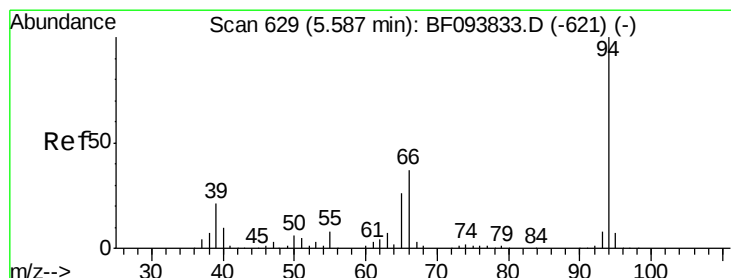
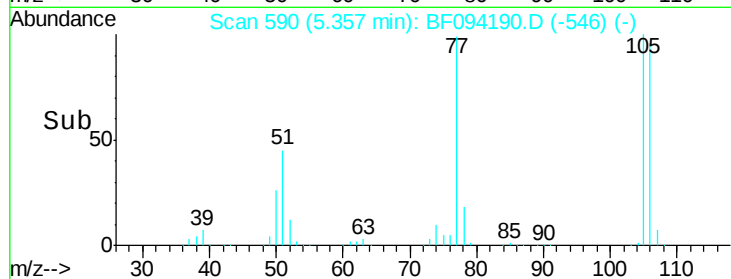
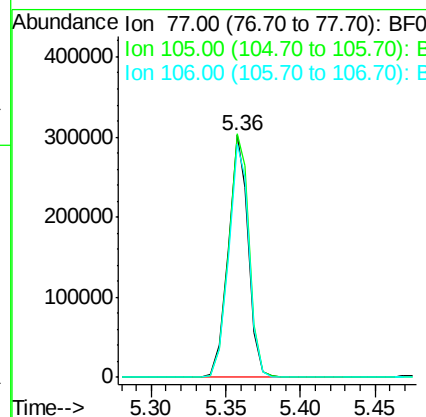
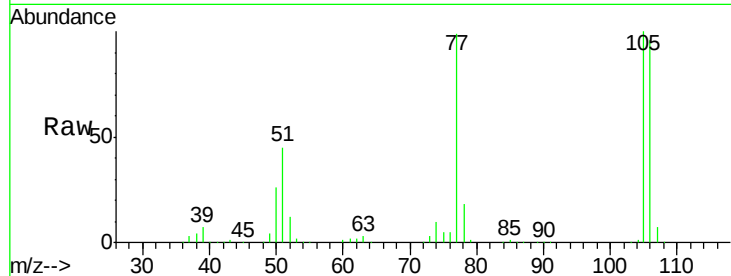
#9
Benzaldehyde
Concen: 32.71 ng
RT: 5.36 min Scan# 590
Delta R.T. -0.04 min
Lab File: BF094190.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.5	83.8	123.8		
106	96.3	79.1	119.1		

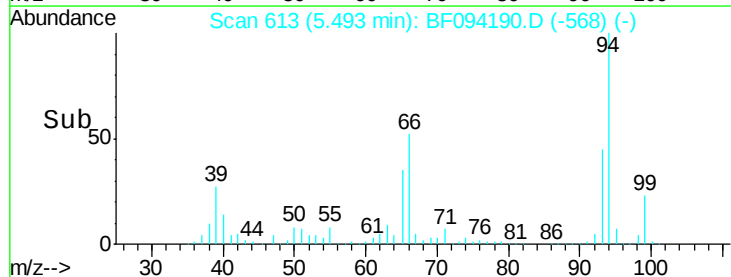
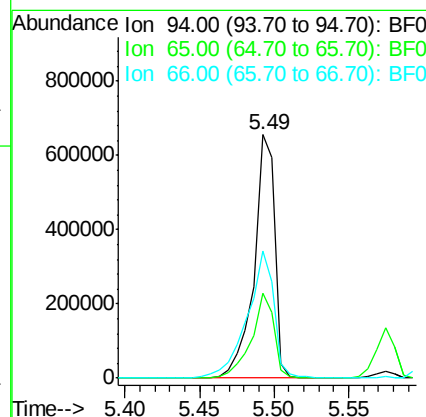
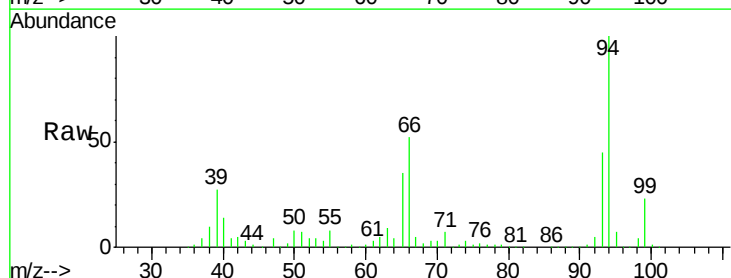
Manual Integrations
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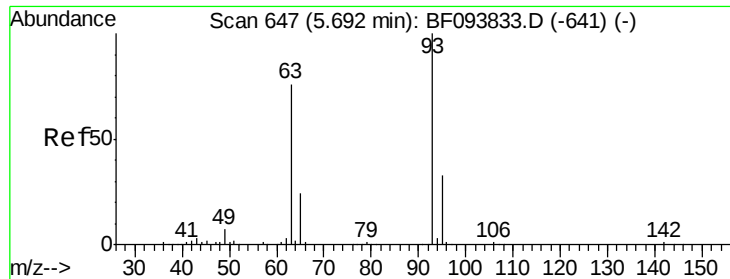
mohammad
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#10
Phenol
Concen: 42.49 ng
RT: 5.49 min Scan# 613
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	34.7	9.9	49.9		
66	52.3	23.1	63.1		





#11

bis(2-Chloroethyl)ether

Concen: 42.67 ng

RT: 5.57 min Scan# 627

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

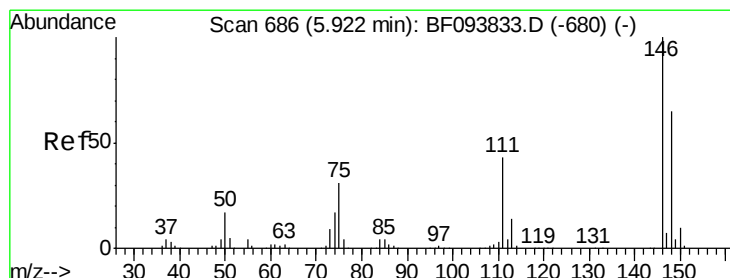
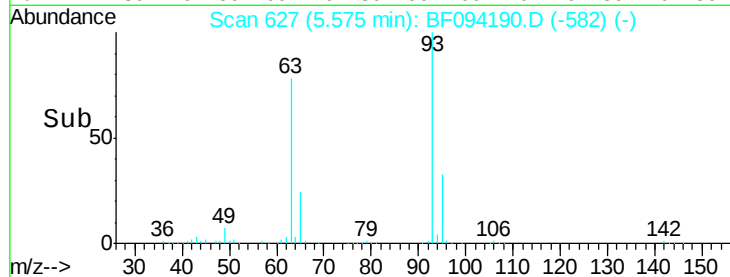
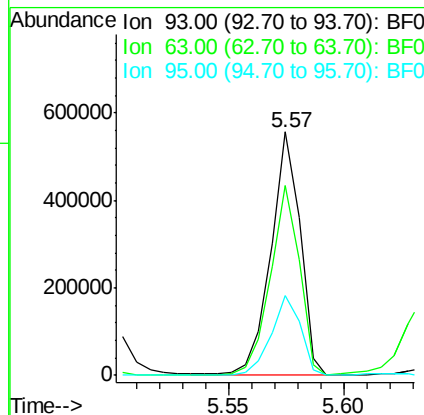
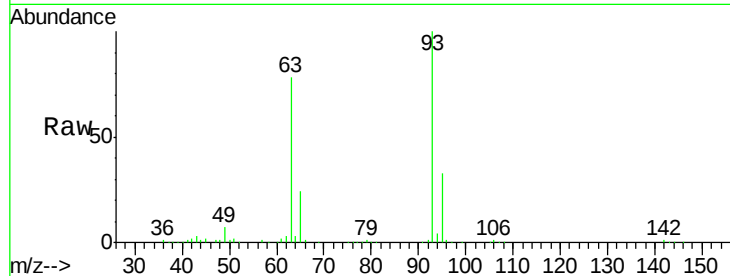
ClientSampleId :

PB98041BS

Tot Ion:	93	Resp:	491614
Ion Ratio	Lower	Upper	
93	100		
63	77.9	59.2	99.2
95	32.5	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 43.91 ng

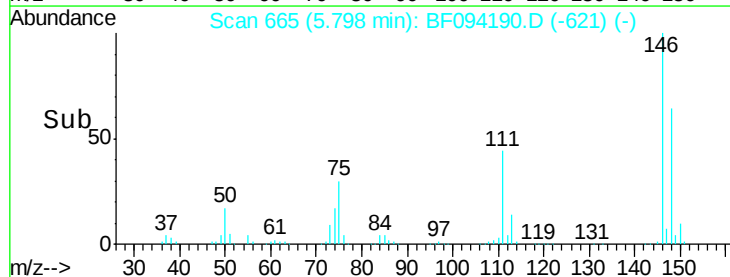
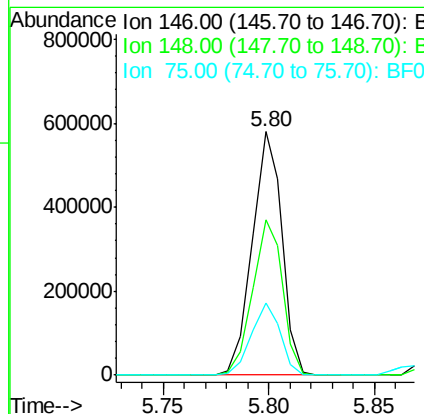
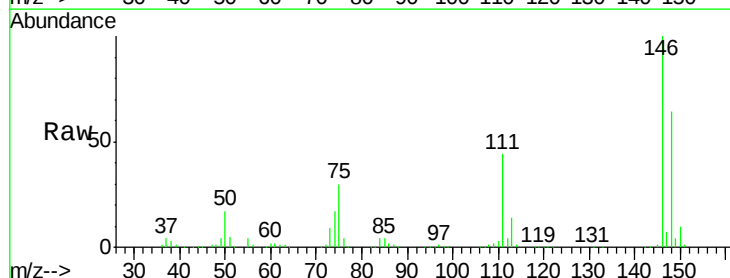
RT: 5.80 min Scan# 665

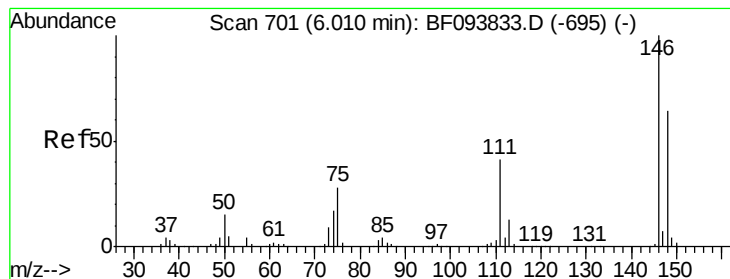
Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Tgt Ion:	146	Resp:	566888
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.8	77.6
75	29.6	23.1	34.7





#13

1,4-Dichlorobenzene

Concen: 43.56 ng

RT: 5.89 min Scan# 680

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

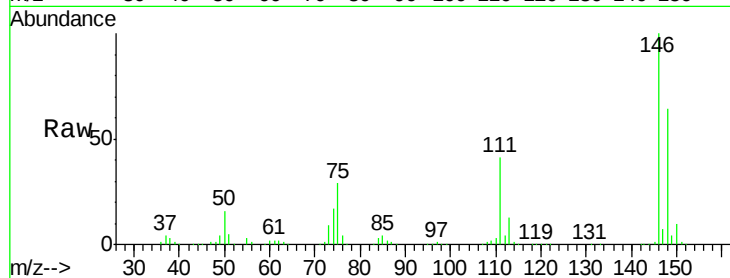
ClientSampleId :

PB98041BS

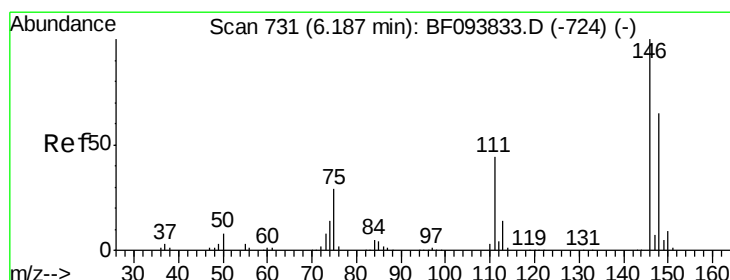
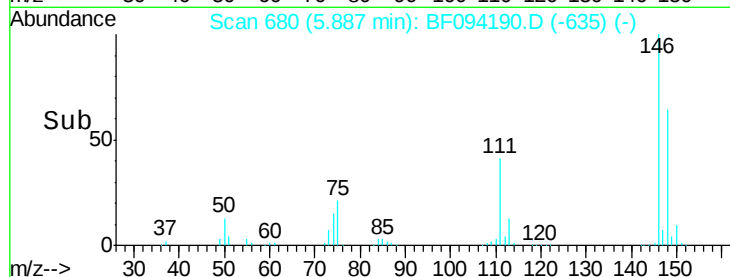
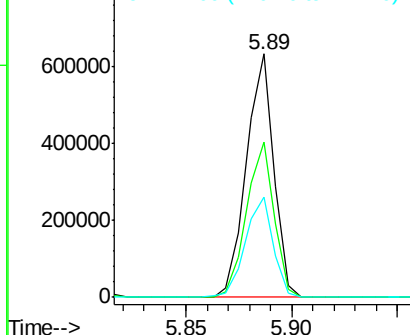
Tot Ion:	146	Resp:	569604
Ion Ratio	Lower	Upper	
146	100		
148	63.6	52.2	78.2
111	41.3	30.3	45.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.81 ng

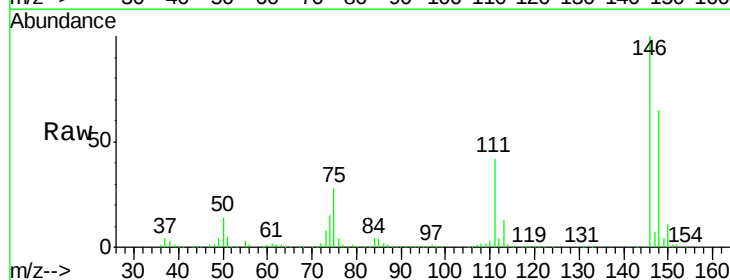
RT: 6.06 min Scan# 710

Delta R.T. -0.04 min

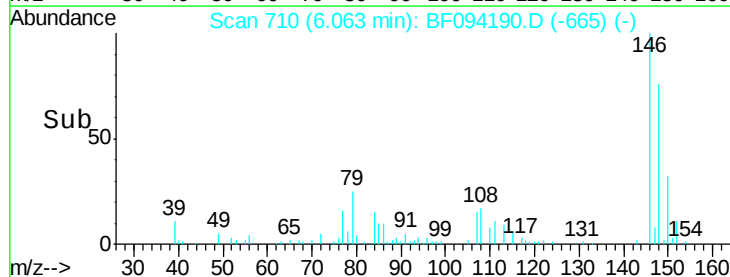
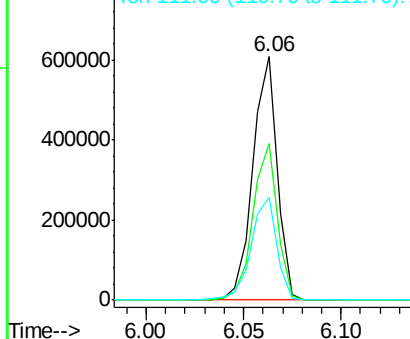
Lab File: BF094190.D

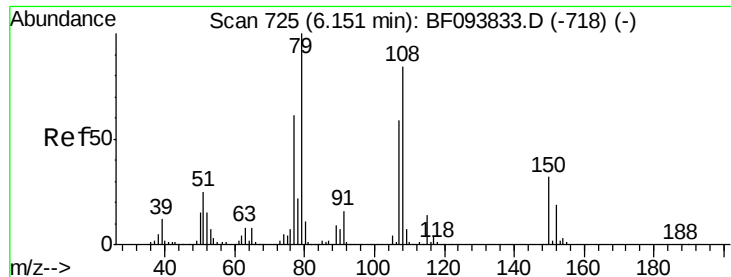
Acq: 5 Apr 2017 15:39

Tgt Ion:	146	Resp:	527555
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.4	75.6
111	42.2	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





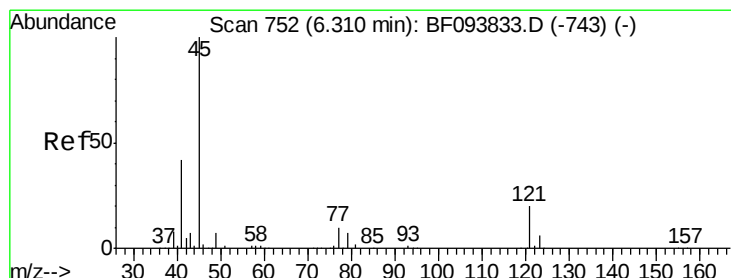
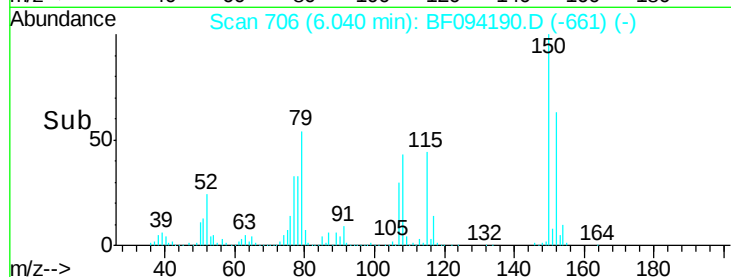
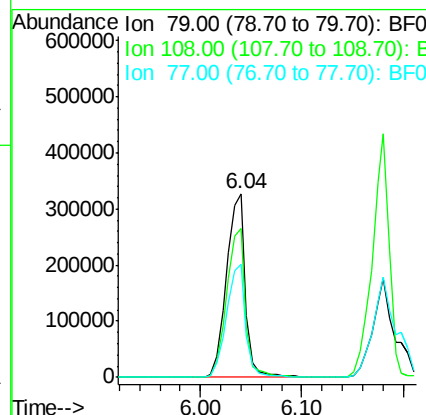
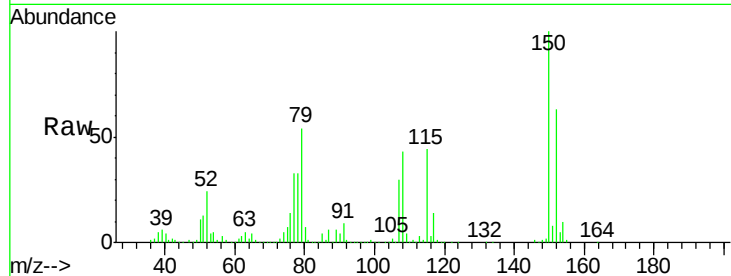
#15
Benzyl Alcohol
Concen: 44.56 ng
RT: 6.04 min Scan# 706
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleID :
PB98041BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.8	63.4	95.0
77	61.6	49.2	73.8

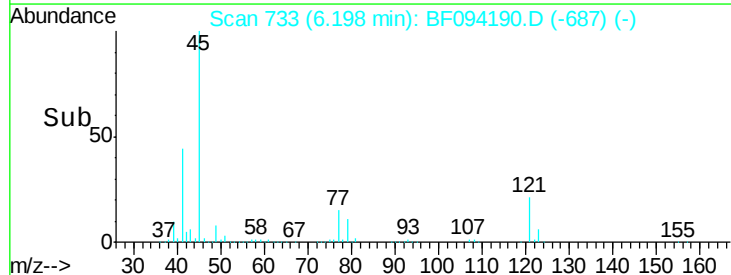
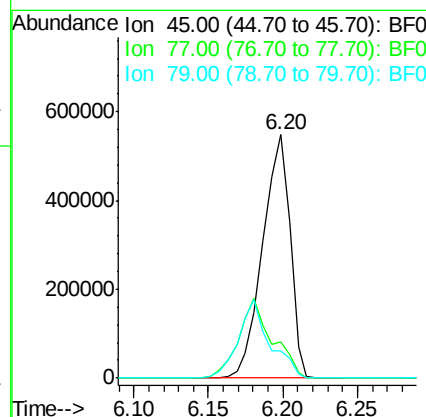
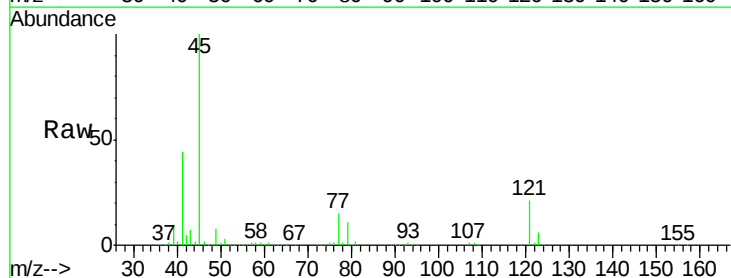
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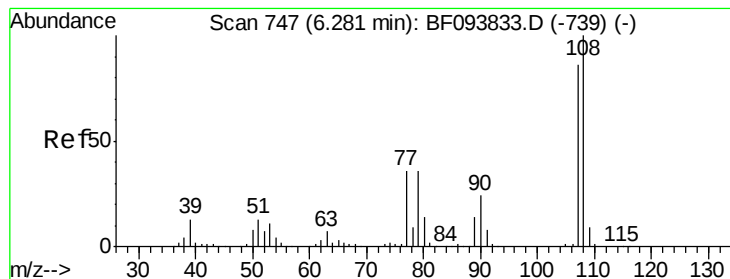
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.94 ng
RT: 6.20 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	33.2
79	11.4	0.0	30.0





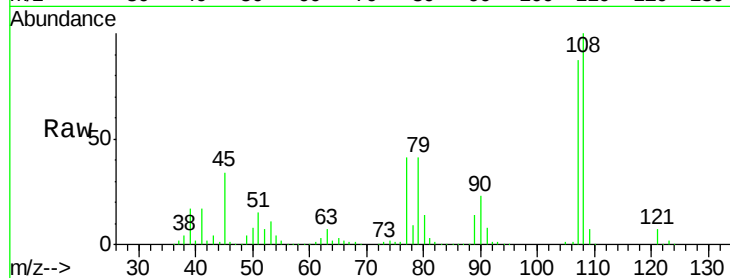
#17
2-Methylphenol
Concen: 44.50 ng
RT: 6.18 min Scan# 730
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	438706		
108	108	114.6		93.4	140.0
77	77	47.1		35.8	53.6
79	79	46.6		34.8	52.2

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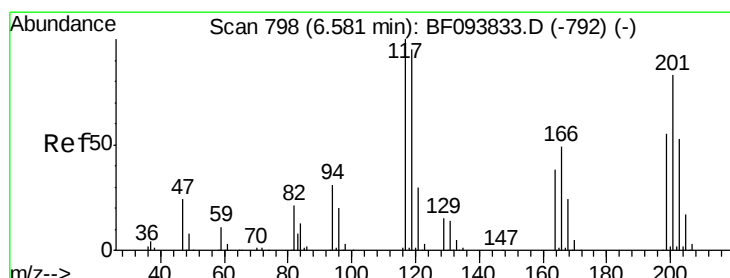
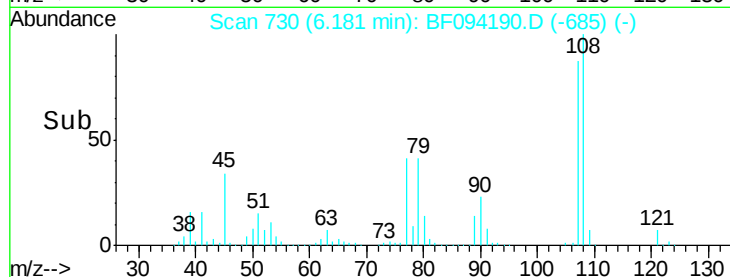
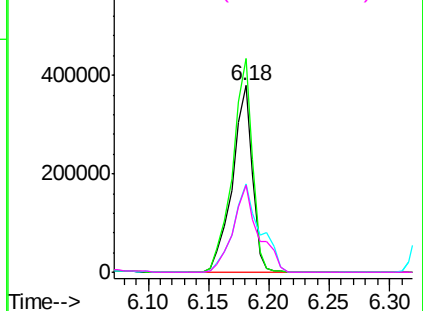
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 43.96 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

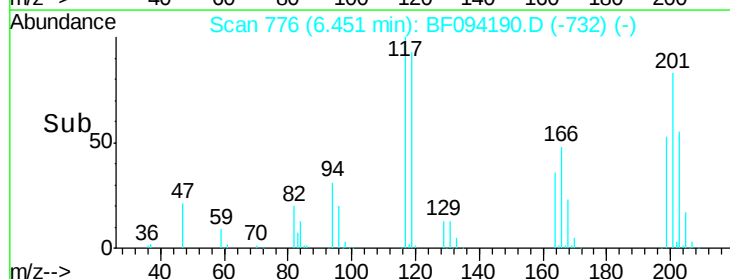
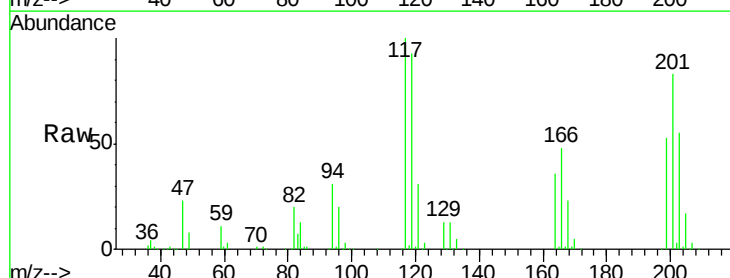
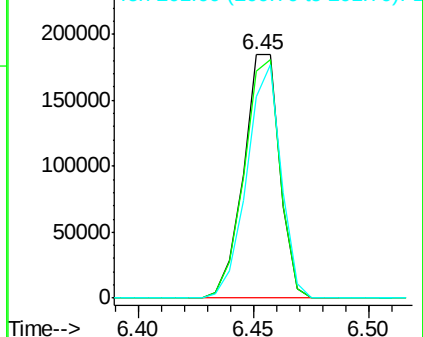
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	202048		
119	119	93.0		77.4	116.0
201	201	82.9		94.6	141.8#

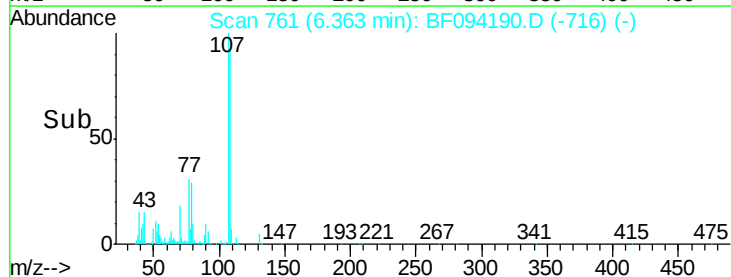
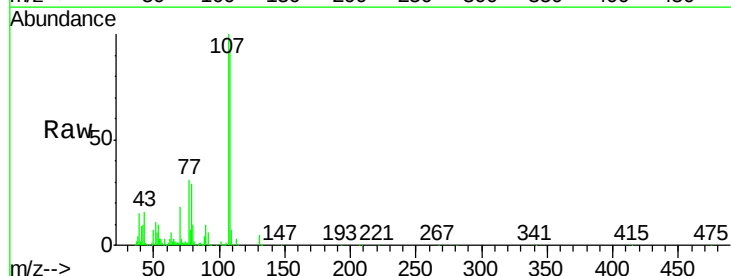
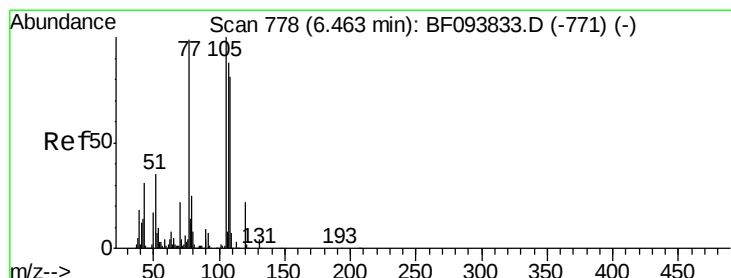
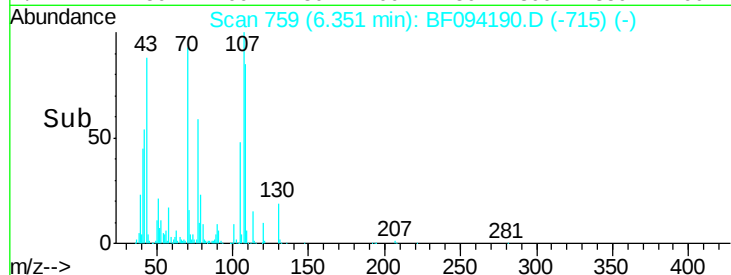
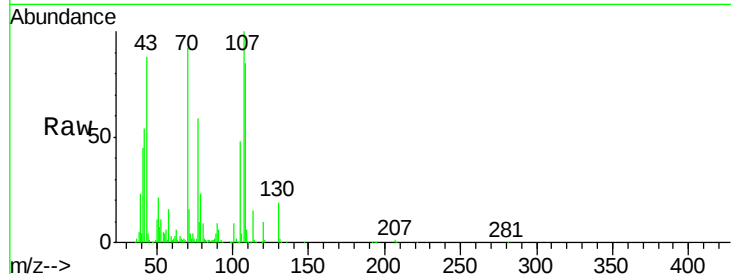
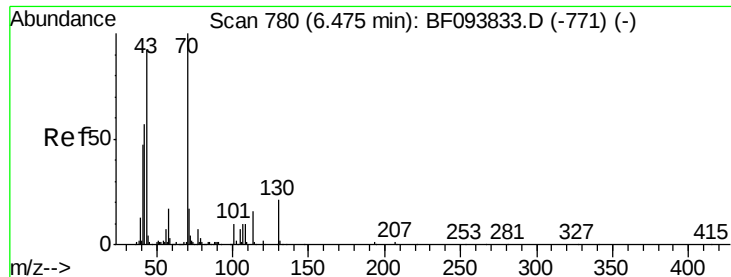
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





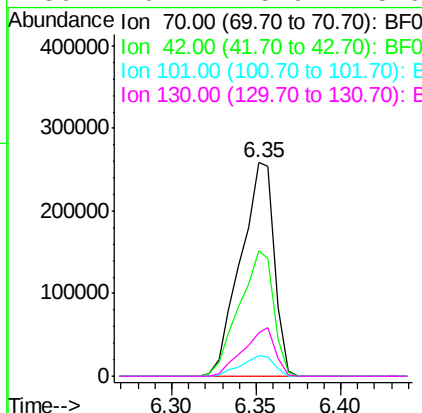
#19
n-Nitroso-di-n-propylamine
Concen: 43.30 ng
RT: 6.35 min Scan# 759
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.2	70.8
101	9.5	7.2	10.8
130	20.2	15.9	23.9

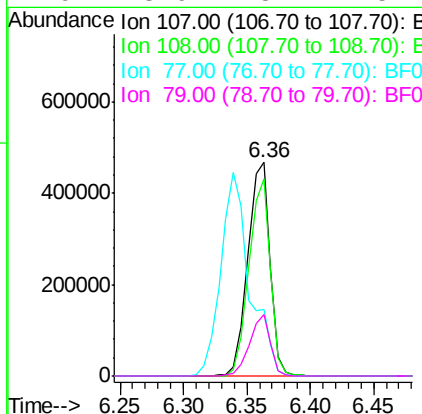
Manual Integrations
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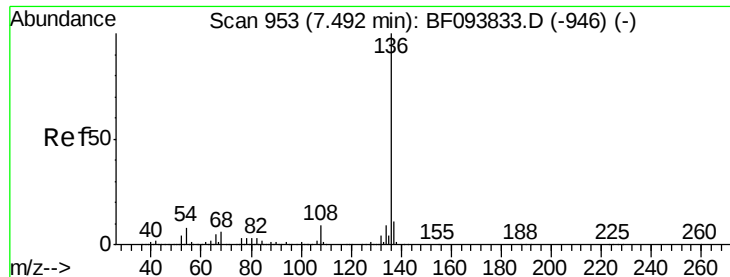
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#20
3+4-Methylphenols
Concen: 47.74 ng
RT: 6.36 min Scan# 761
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	71.0	111.0
77	31.0	90.5	130.5#
79	28.9	8.4	48.4





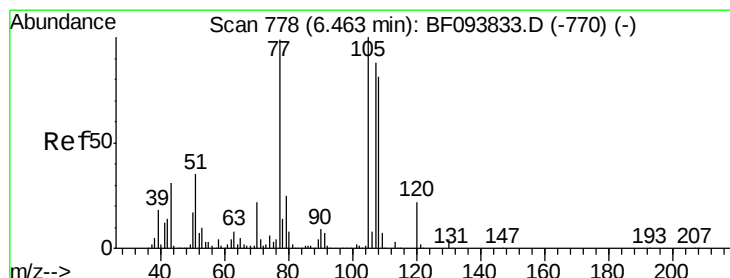
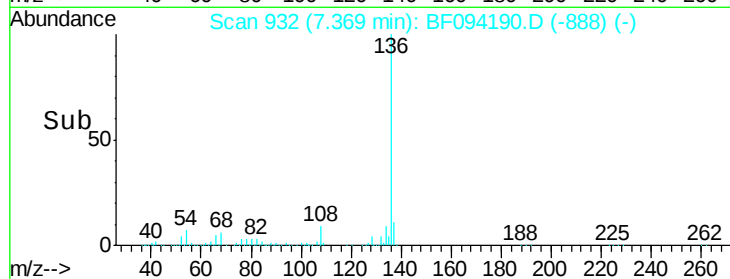
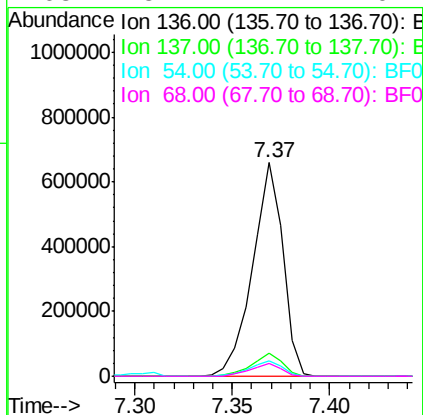
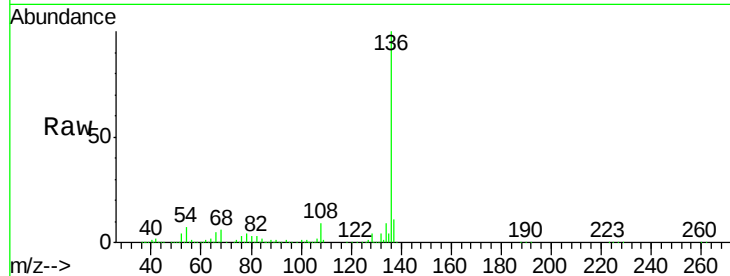
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.37 min Scan# 932
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	712877		
137	10.7		8.5	12.7
54	7.1		4.9	7.3
68	5.7		4.1	6.1

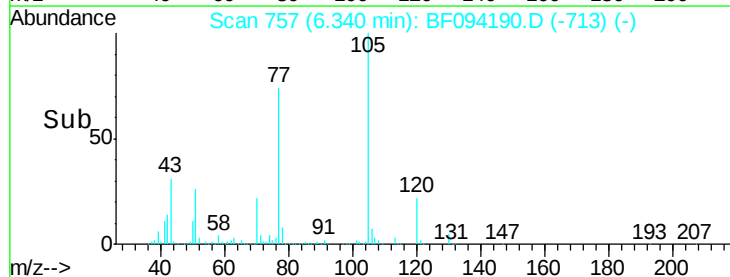
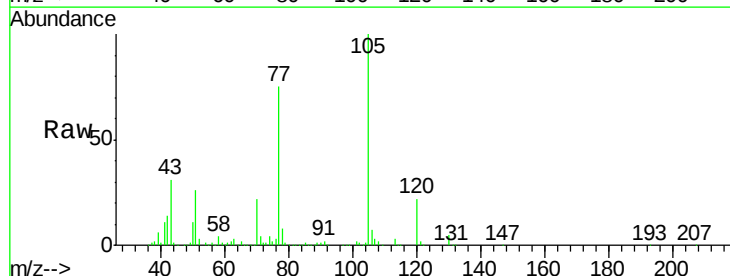
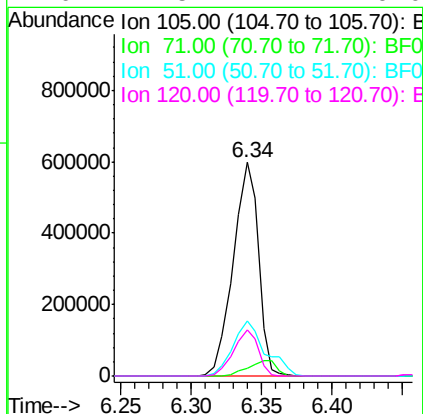
Manual Integrations
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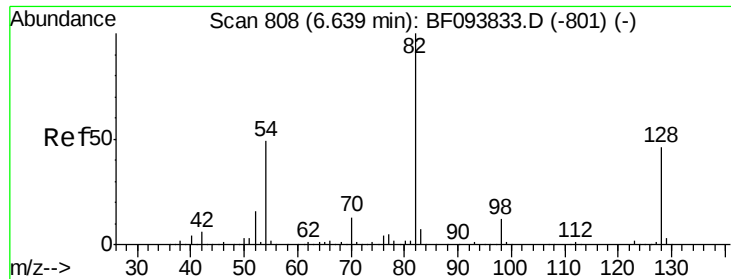
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#22
Acetophenone
Concen: 46.85 ng
RT: 6.34 min Scan# 757
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	744390		
71	3.6		2.8	4.2
51	25.9		30.7	46.1#
120	21.5		17.4	26.0





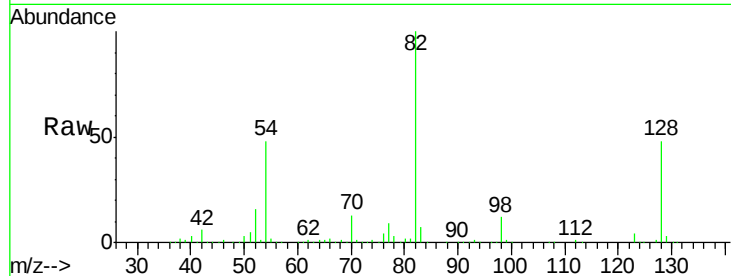
#23
 Nitrobenzene-d5
 Concen: 83.41 ng
 RT: 6.52 min Scan# 788
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

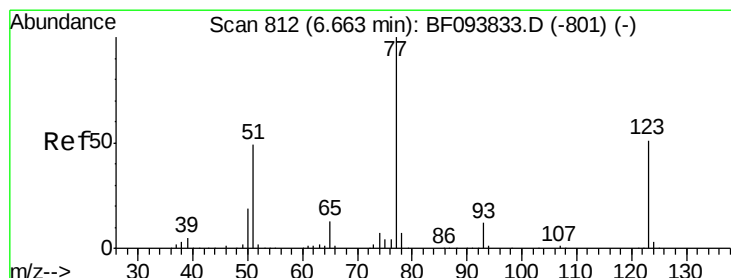
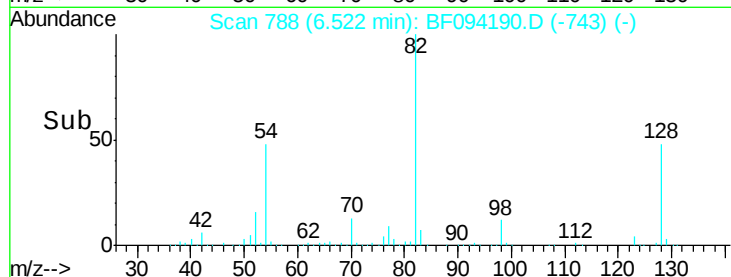
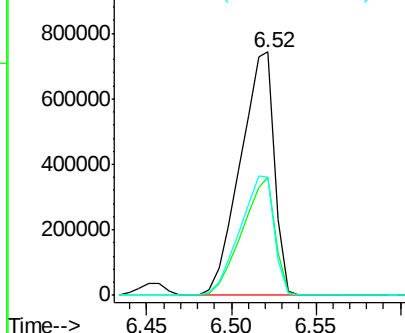
Tot Ion: 82 Resp: 1041876
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.0 51.0
 54 48.4 42.2 63.2

Manual Integrations
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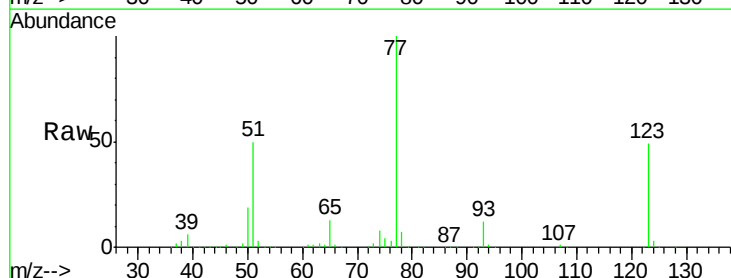


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

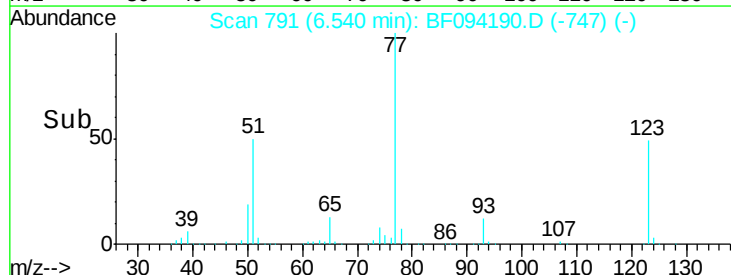
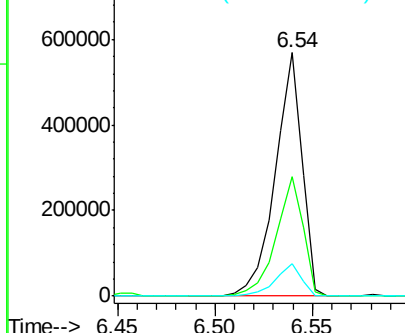


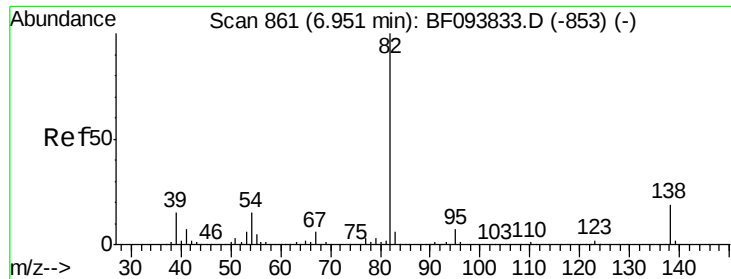
#24
 Nitrobenzene
 Concen: 43.96 ng
 RT: 6.54 min Scan# 791
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion: 77 Resp: 541633
 Ion Ratio Lower Upper
 77 100
 123 49.2 35.8 53.8
 65 13.4 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 44.43 ng

RT: 6.83 min Scan# 840

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

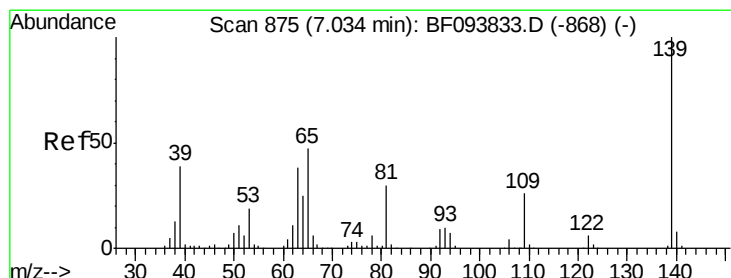
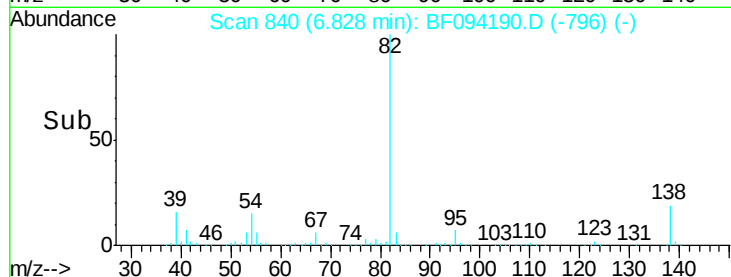
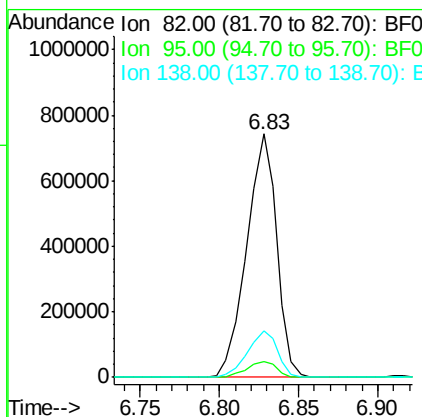
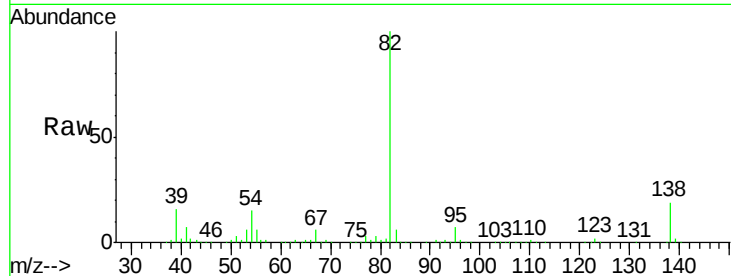
ClientSampleId :

PB98041BS

Tot Ion:	82	Resp:	975329
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.3	7.9
138	19.0	13.1	19.7

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#26

2-Nitrophenol

Concen: 51.64 ng

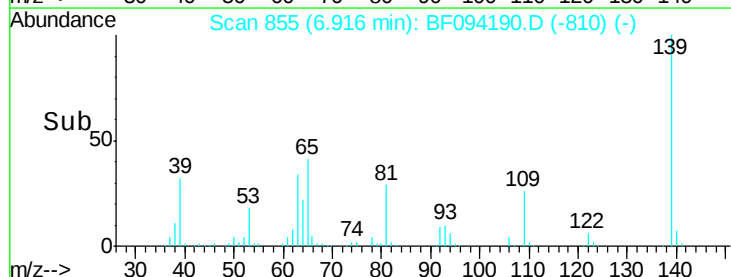
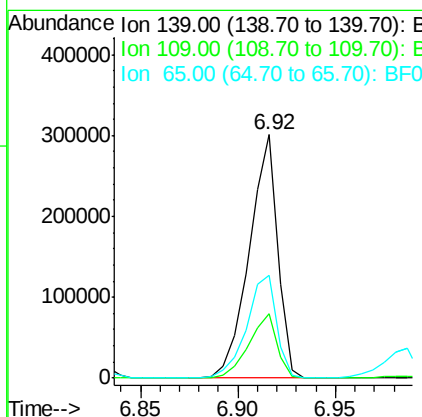
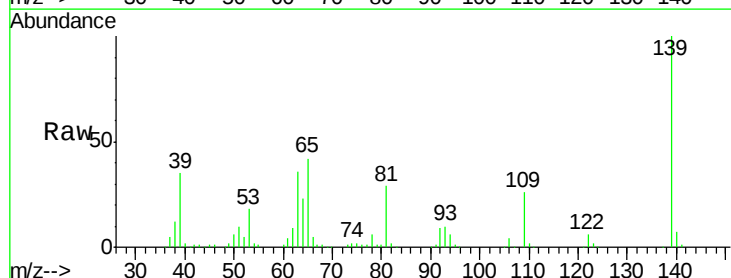
RT: 6.92 min Scan# 855

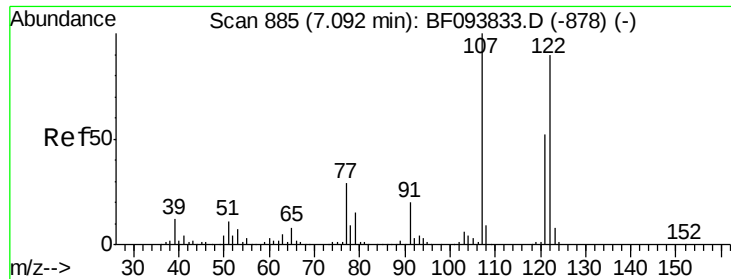
Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Tgt Ion:	139	Resp:	303386
Ion Ratio		Lower	Upper
139	100		
109	26.3	21.0	31.6
65	42.5	33.0	49.6





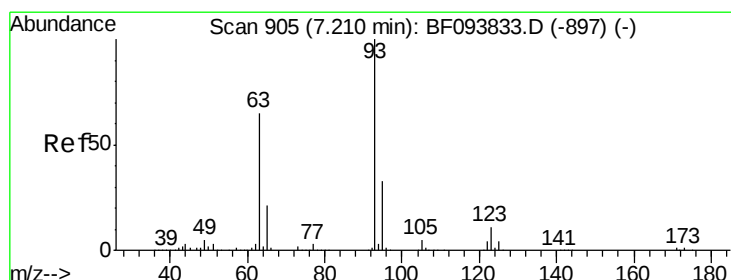
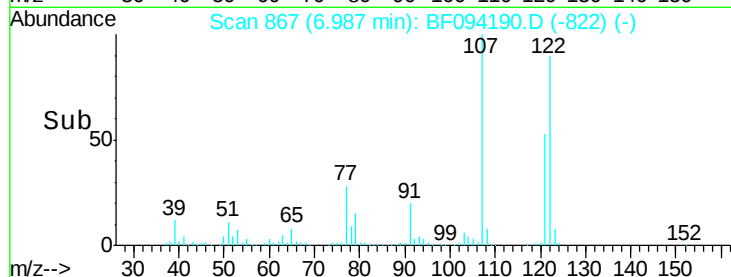
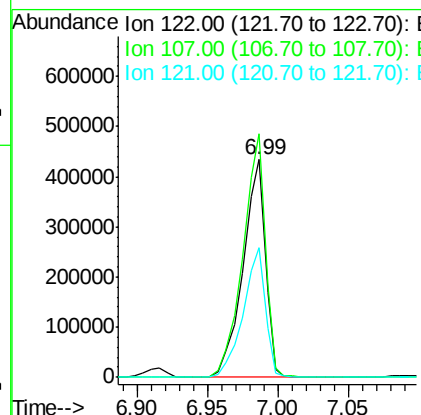
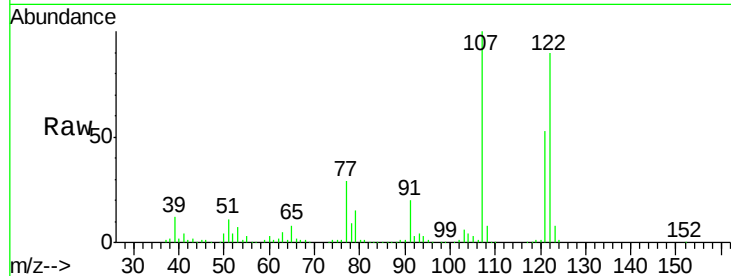
#27
 2,4-Dimethylphenol
 Concen: 47.66 ng
 RT: 6.99 min Scan# 867
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
482458	122	100			
	107	111.7		89.2	133.8
	121	59.4		45.2	67.8

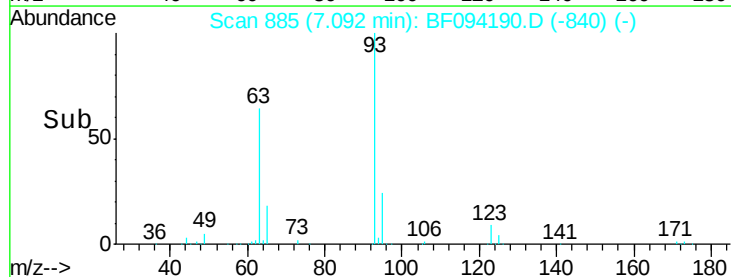
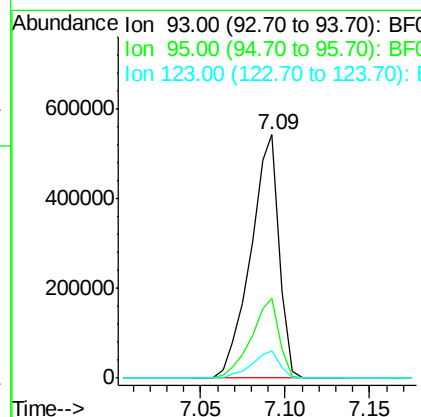
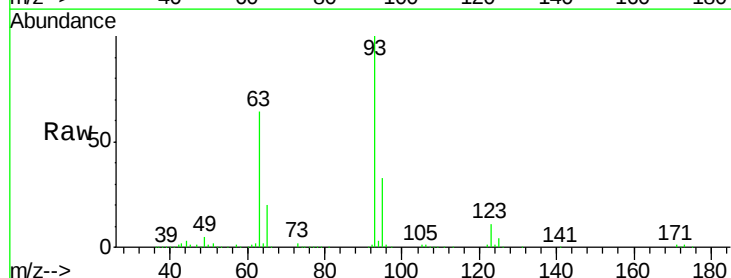
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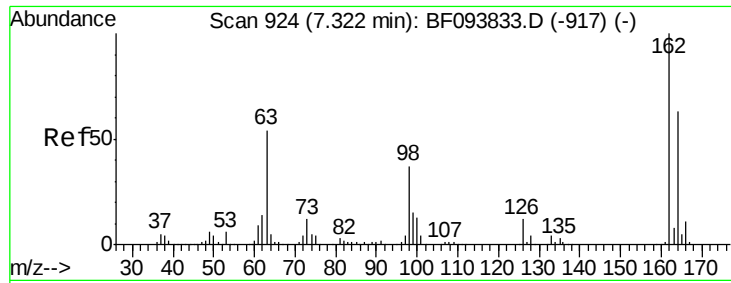
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.98 ng
 RT: 7.09 min Scan# 885
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
636589	93	100			
	95	32.7		26.5	39.7
	123	11.3		9.0	13.4





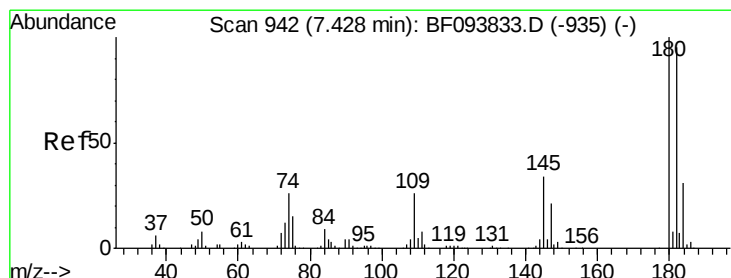
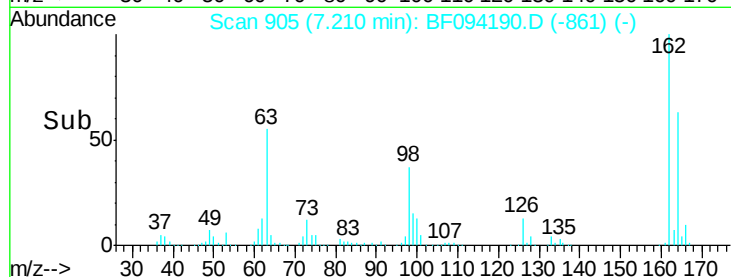
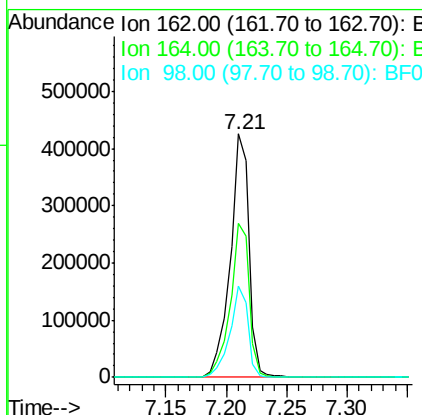
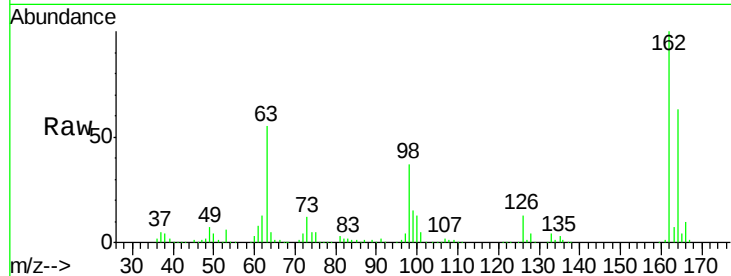
#29
 2,4-Dichlorophenol
 Concen: 48.62 ng
 RT: 7.21 min Scan# 905
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	460163		
164	63.0		44.6	84.6
98	37.3		14.8	54.8

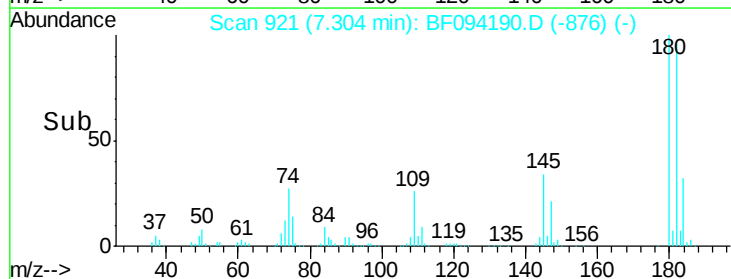
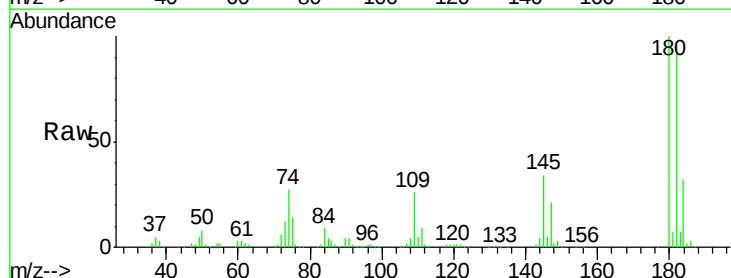
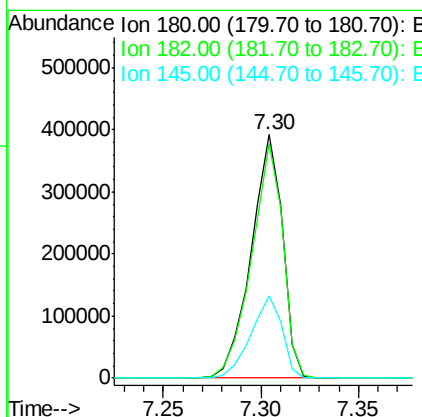
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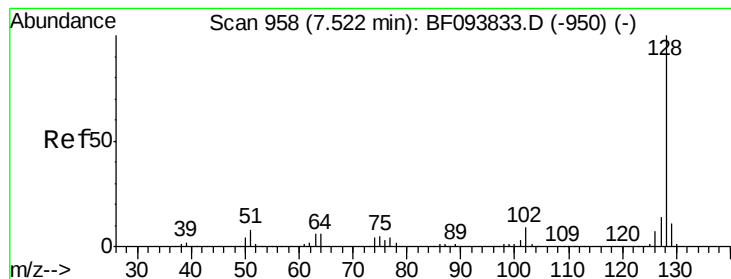
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.79 ng
 RT: 7.30 min Scan# 921
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	436682		
182	96.3		75.8	113.6
145	33.9		25.3	37.9





#31

Naphthalene

Concen: 43.48 ng

RT: 7.40 min Scan# 937

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

Tot Ion:128 Resp: 1490319

Ion Ratio Lower Upper

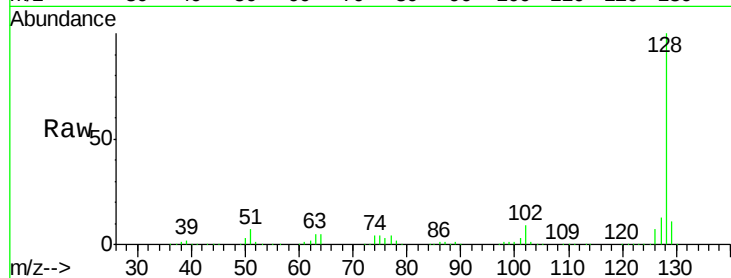
128 100

129 11.4 9.0 13.6

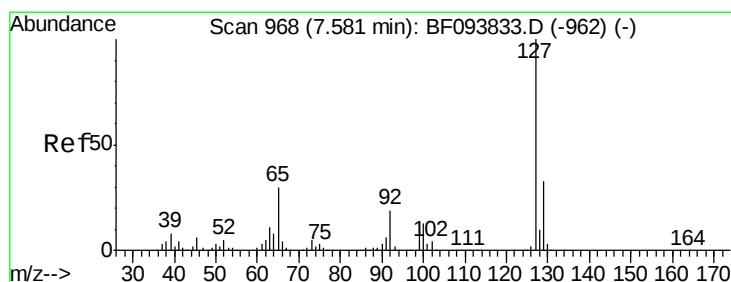
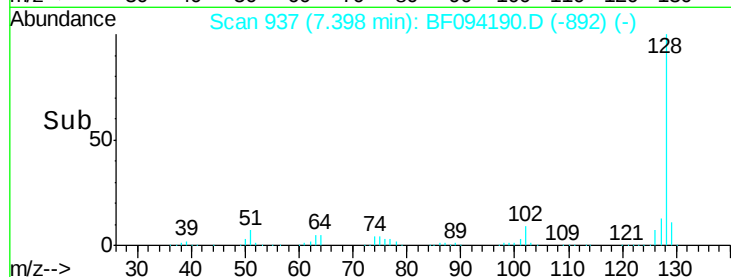
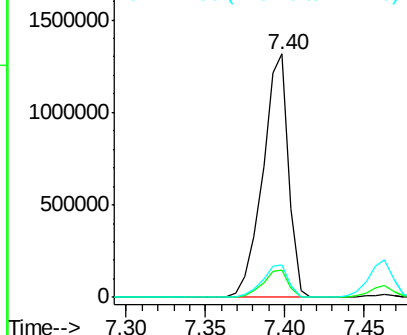
127 13.4 10.8 16.2

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



#33

4-Chloroaniline

Concen: 15.92 ng

RT: 7.46 min Scan# 948

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Tgt Ion:127 Resp: 221107

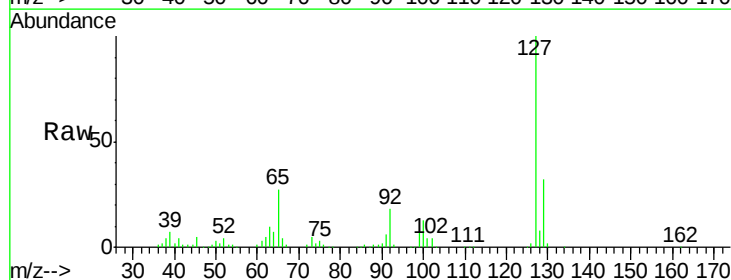
Ion Ratio Lower Upper

127 100

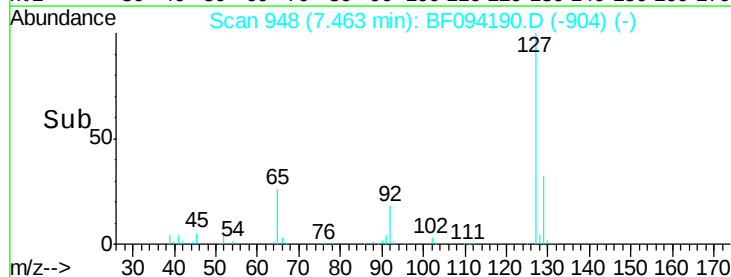
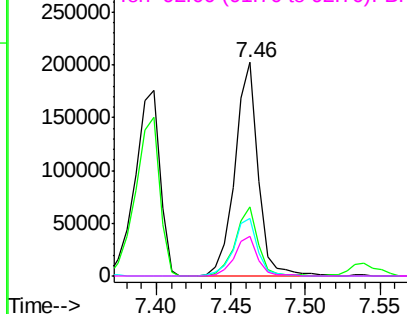
129 32.2 26.2 39.2

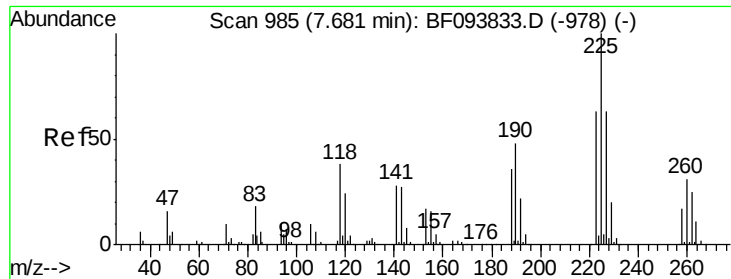
65 26.8 27.8 41.8#

92 18.4 16.8 25.2



Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 44.91 ng

RT: 7.55 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

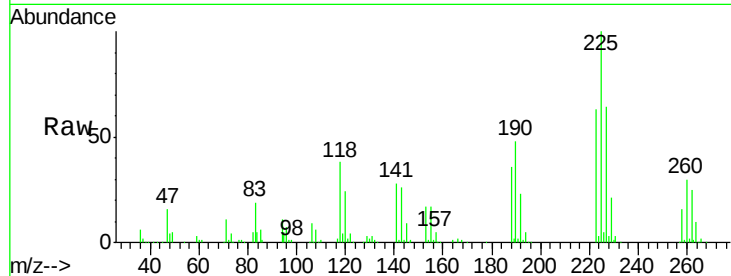
ClientSampleId :

PB98041BS

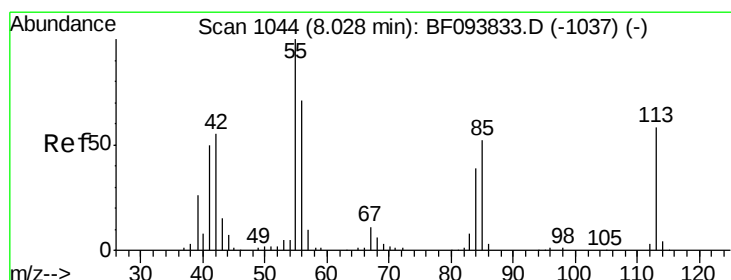
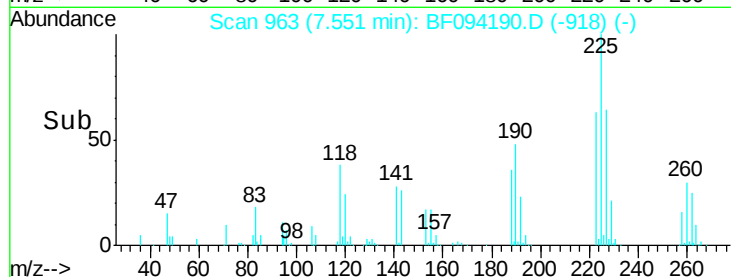
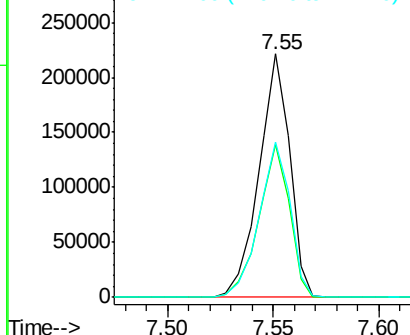
Tot Ion:	225	Resp:	224521
Ion Ratio		Lower	Upper
225	100		
223	62.6	48.8	73.2
227	64.0	51.1	76.7

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



#35

Caprolactam

Concen: 47.13 ng m

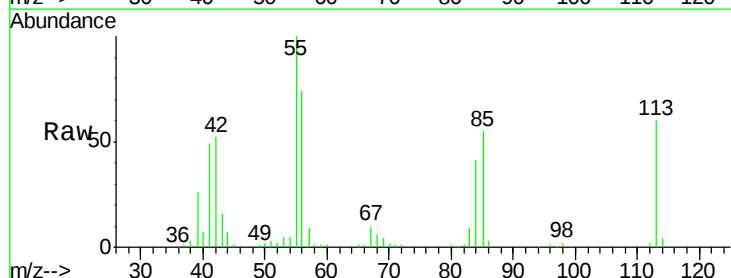
RT: 7.92 min Scan# 1025

Delta R.T. -0.04 min

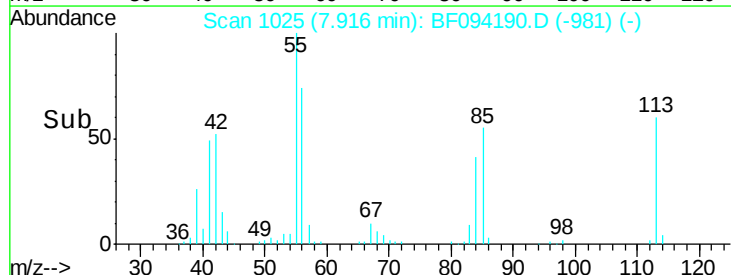
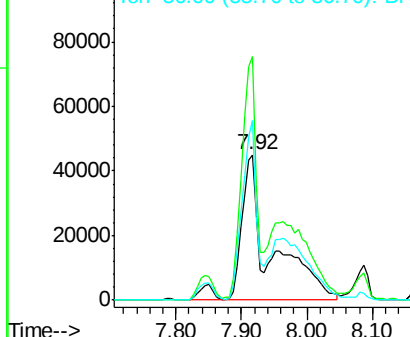
Lab File: BF094190.D

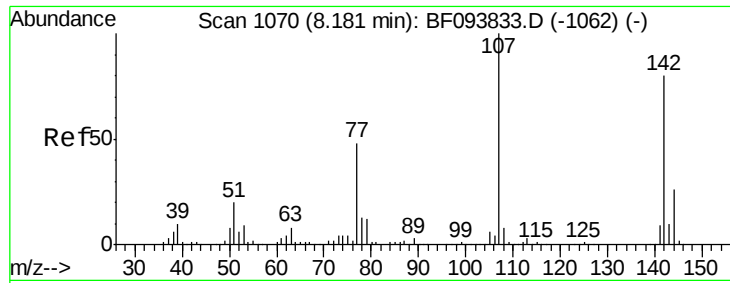
Acq: 5 Apr 2017 15:39

Tgt Ion:	113	Resp:	142258
Ion Ratio		Lower	Upper
113	100		
55	167.4	150.2	190.2
56	123.7	107.8	147.8



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





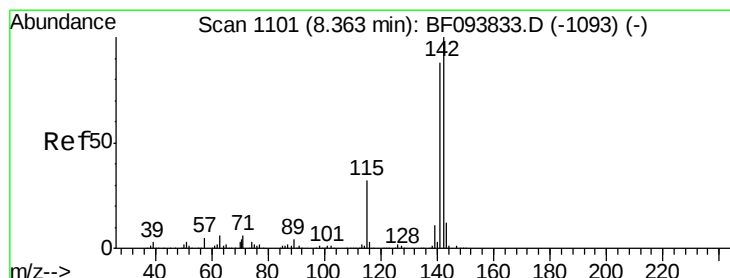
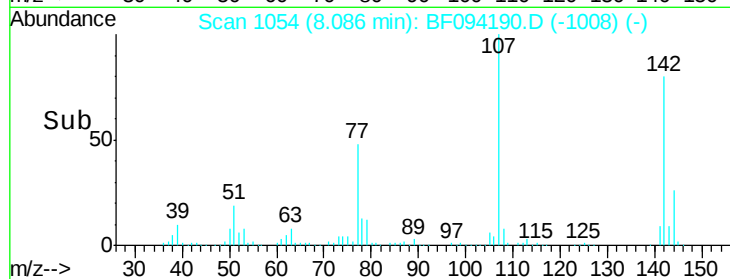
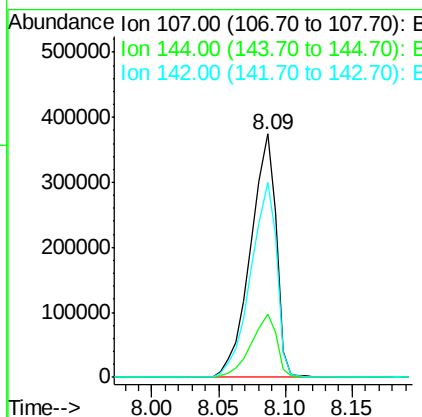
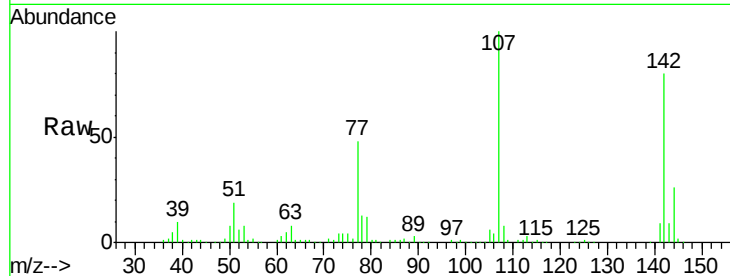
#36
 4-Chloro-3-methylphenol
 Concen: 49.90 ng
 RT: 8.09 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.9	24.2	36.4
142	80.0	73.4	110.0

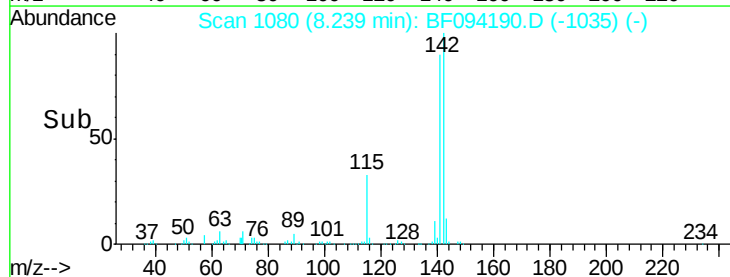
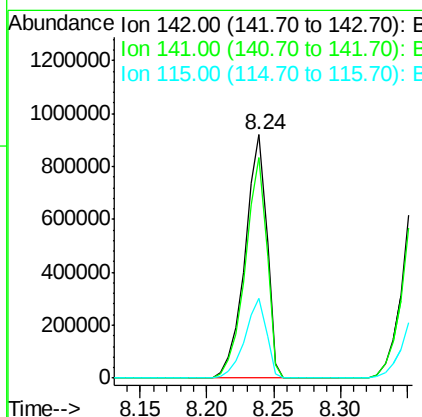
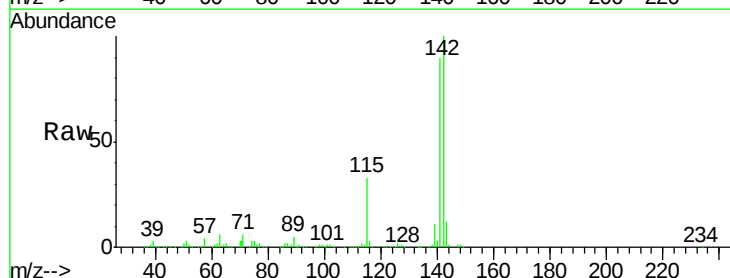
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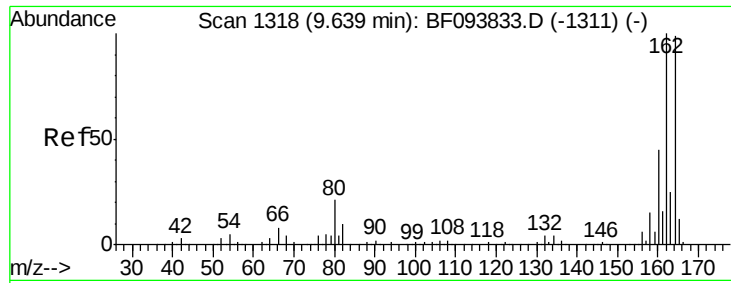
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#37
 2-Methylnaphthalene
 Concen: 45.20 ng
 RT: 8.24 min Scan# 1080
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.3	106.9
115	32.9	27.1	40.7





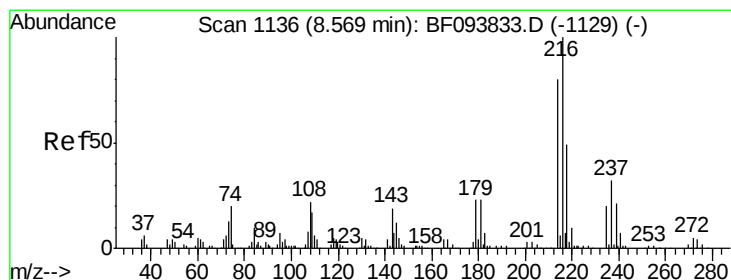
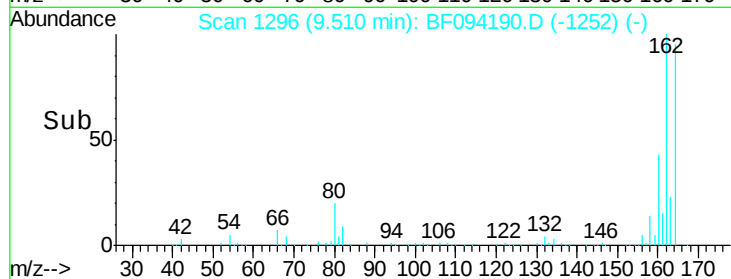
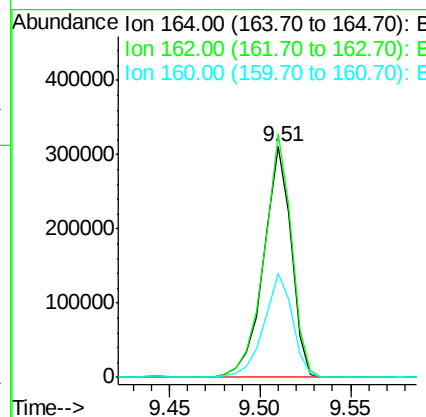
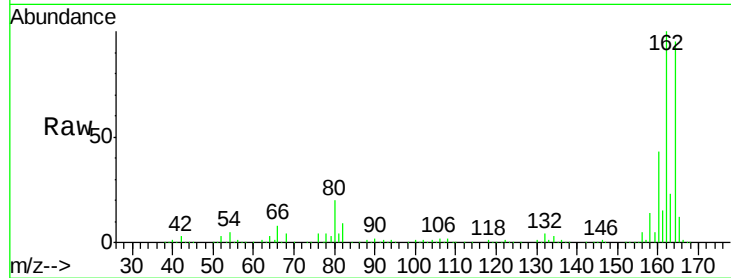
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.5	82.6	123.8
160	45.2	36.2	54.2

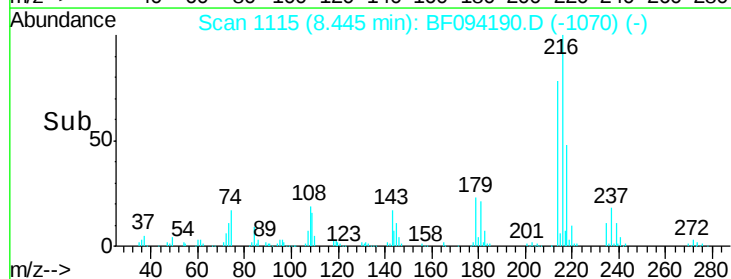
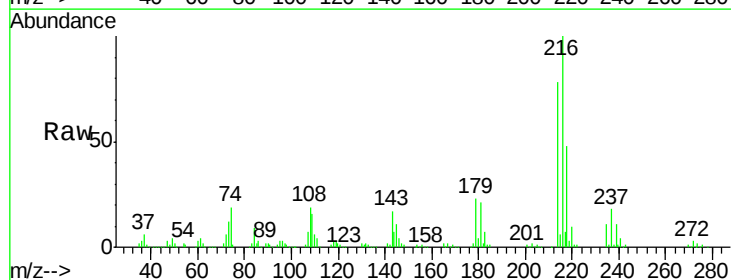
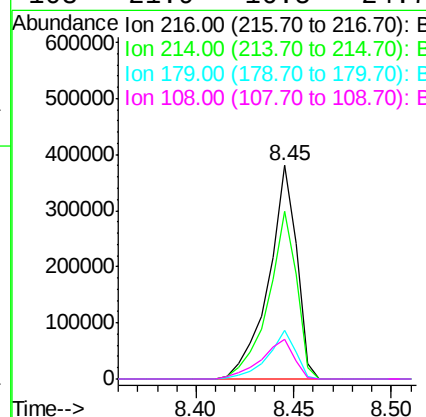
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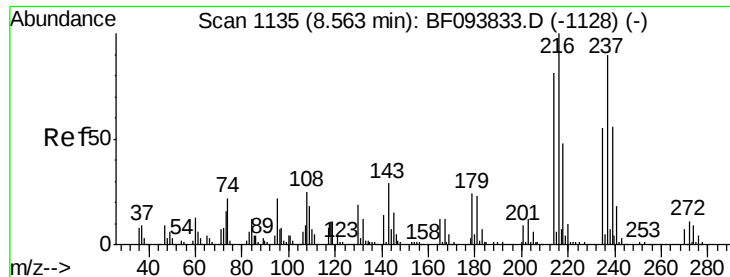
mohammad
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 42.06 ng
RT: 8.45 min Scan# 1115
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	22.3	17.9	26.9
108	21.9	16.5	24.7





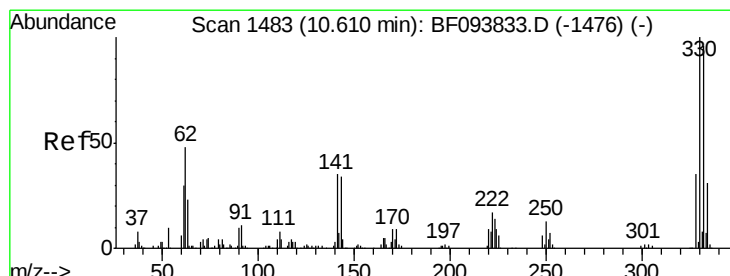
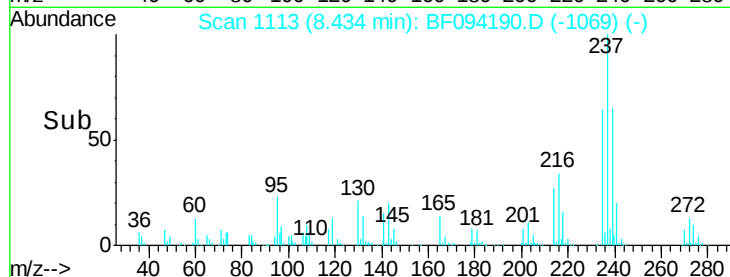
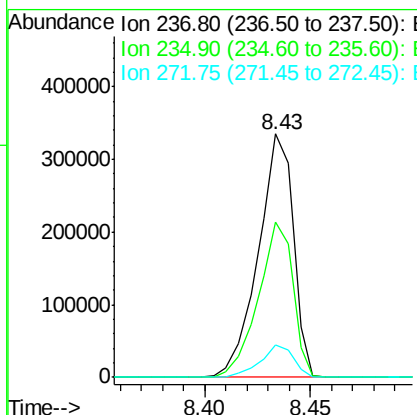
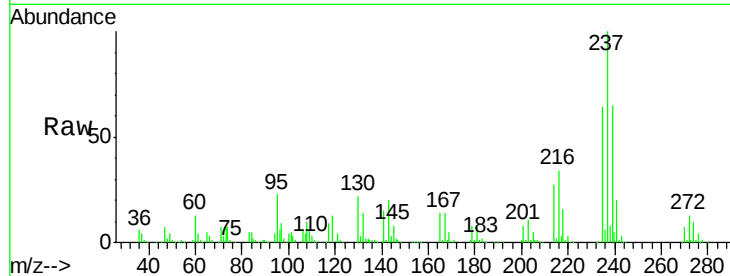
#40
Hexachlorocyclopentadiene
Concen: 91.37 ng
RT: 8.43 min Scan# 1113
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion:	237	Resp:	386571
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.6	82.6
272	13.3	0.0	31.9

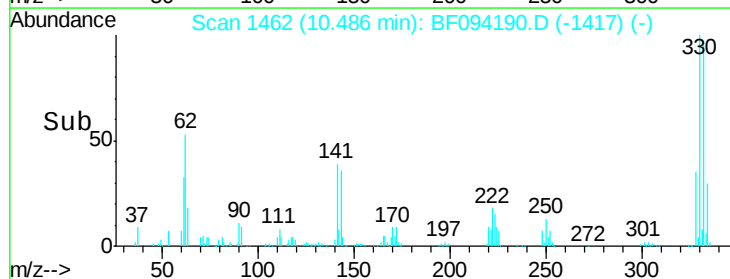
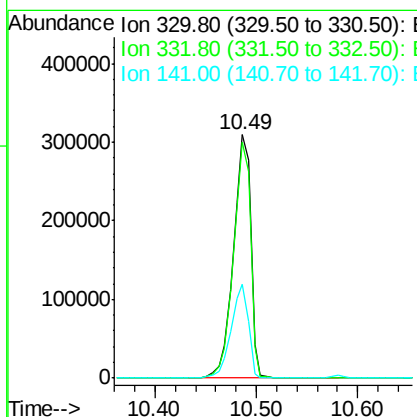
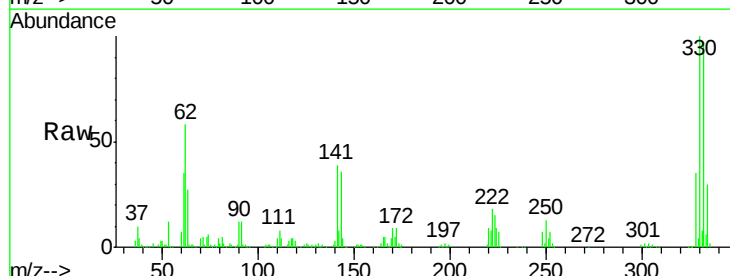
Manual Integrations
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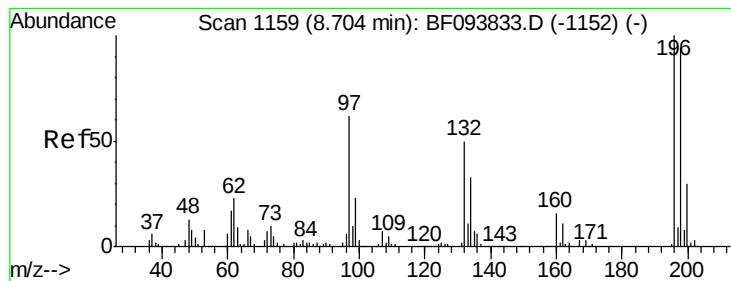
mohammad
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#41
2,4,6-Tribromophenol
Concen: 140.82 ng
RT: 10.49 min Scan# 1462
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion:	330	Resp:	367800
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.6	115.0
141	38.5	31.4	47.2





#42

2,4,6-Trichlorophenol

Concen: 48.51 ng

RT: 8.59 min Scan# 1140

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

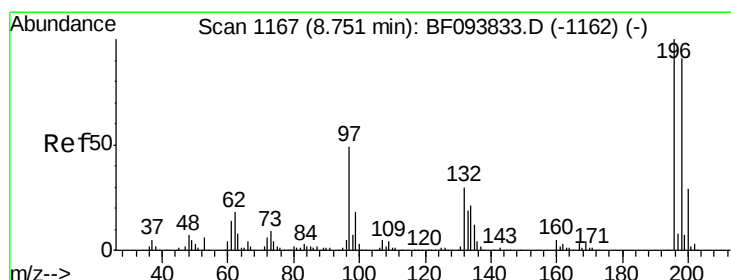
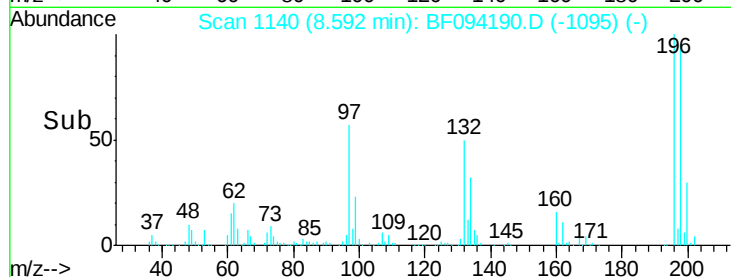
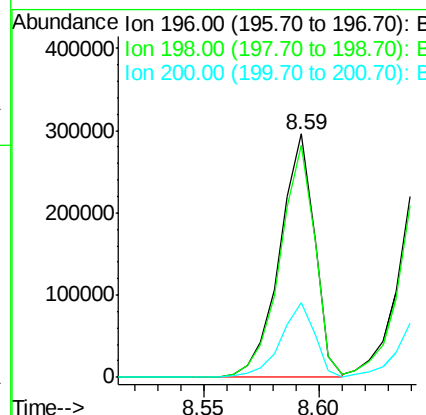
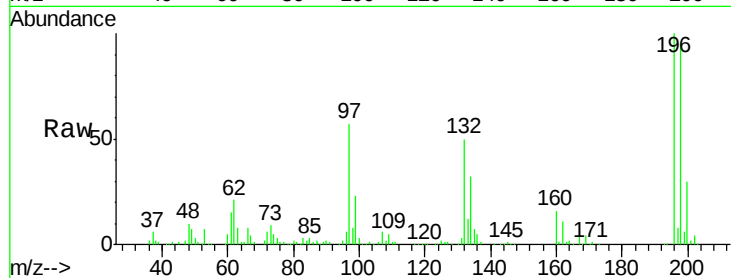
ClientSampleID :

PB98041BS

Tot Ion:	196	Resp:	310289
Ion Ratio	Lower	Upper	
196	100		
198	95.4	74.2	111.4
200	30.5	24.0	36.0

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#43

2,4,5-Trichlorophenol

Concen: 45.68 ng

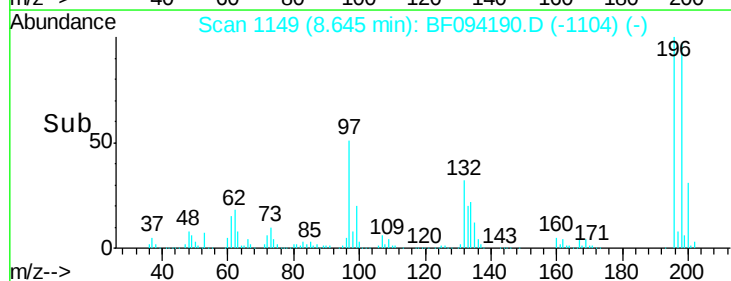
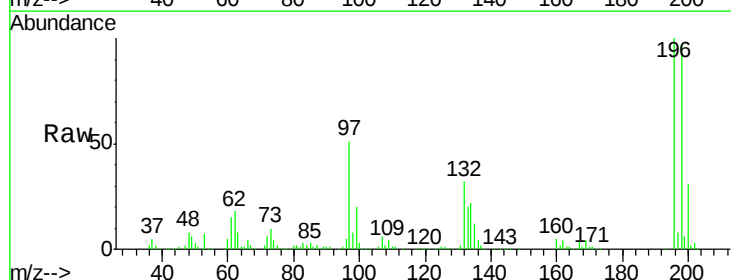
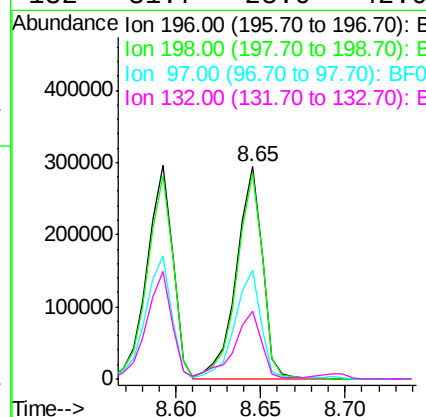
RT: 8.65 min Scan# 1149

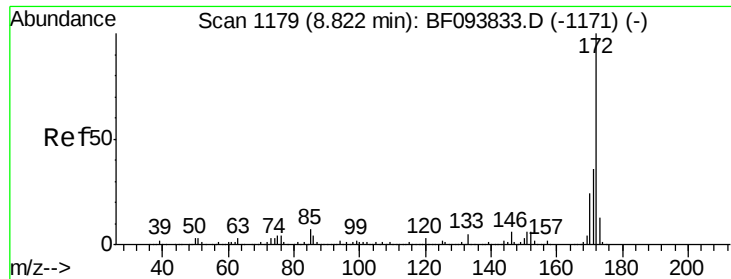
Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Tgt Ion:	196	Resp:	316184
Ion Ratio	Lower	Upper	
196	100		
198	97.4	75.7	113.5
97	51.2	47.7	71.5
132	31.7	28.0	42.0





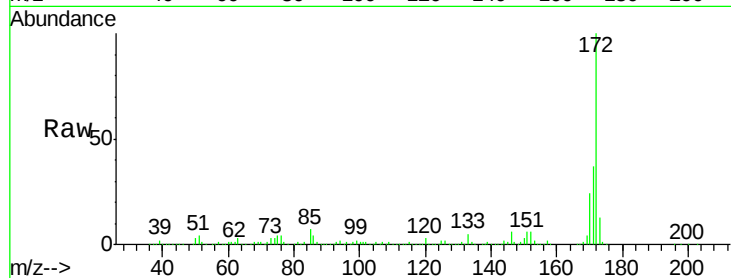
#44
2-Fluorobiphenyl
Concen: 87.31 ng
RT: 8.69 min Scan# 1157
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

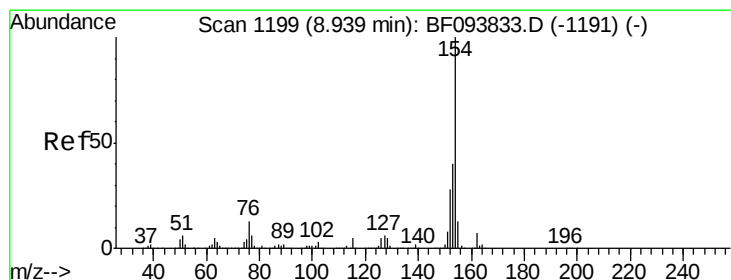
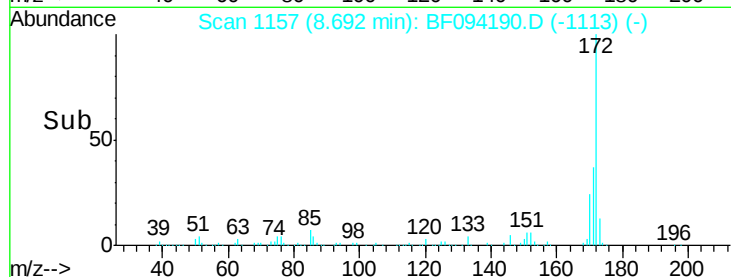
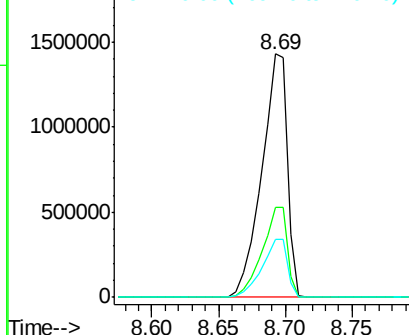
Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.9	29.6	44.4	
170	24.0	19.8	29.8	

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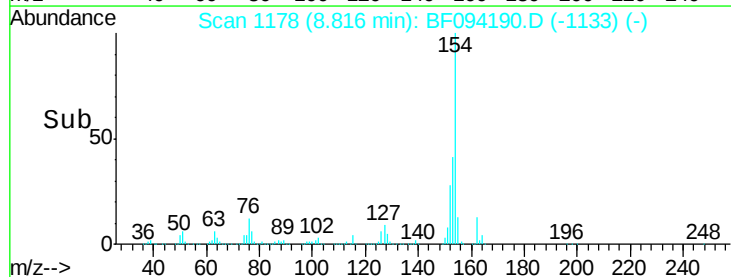
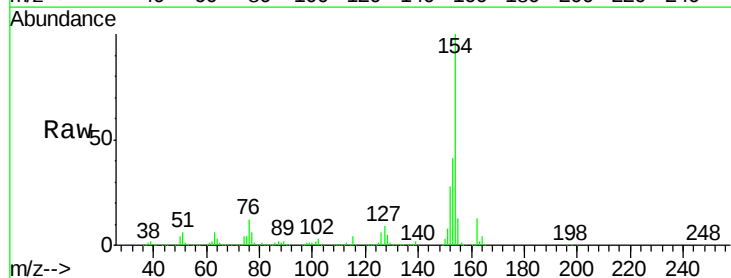
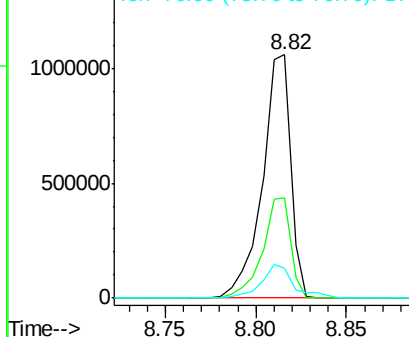
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

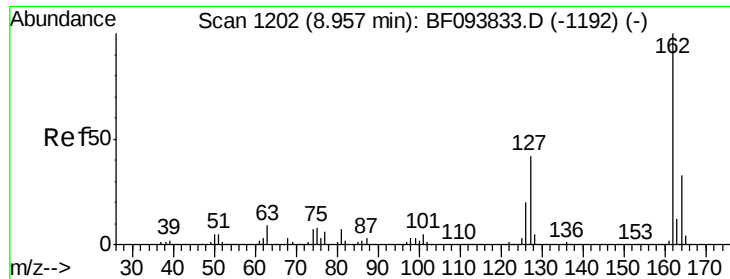


#45
1,1'-Biphenyl
Concen: 43.28 ng
RT: 8.82 min Scan# 1178
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.1	21.2	61.2	
76	12.3	0.0	29.9	

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





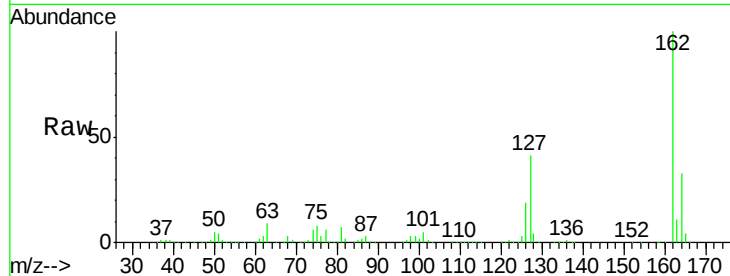
#46
2-Chloronaphthalene
Concen: 44.24 ng
RT: 8.83 min Scan# 1181
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

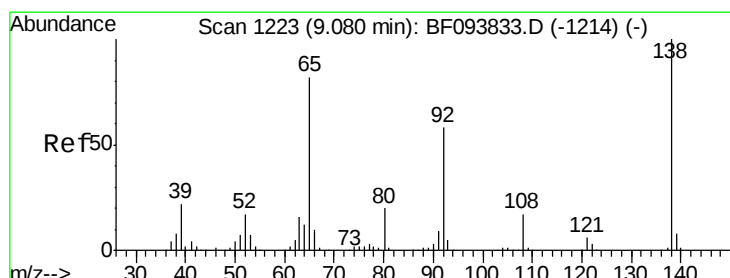
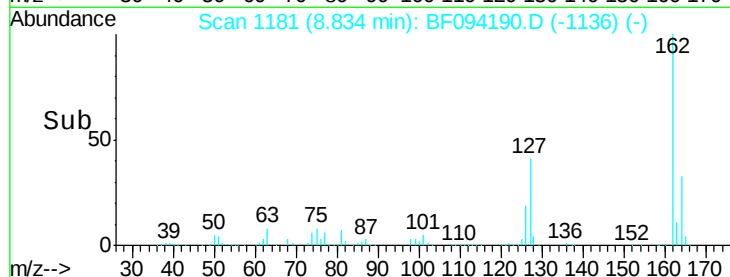
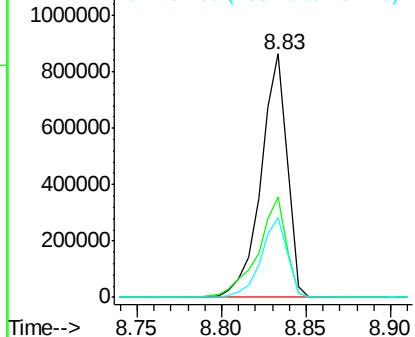
Tot Ion	Ratio	Resp	Lower	Upper
162	100	923244		
127	41.0	28.3	42.5	
164	33.0	27.0	40.4	

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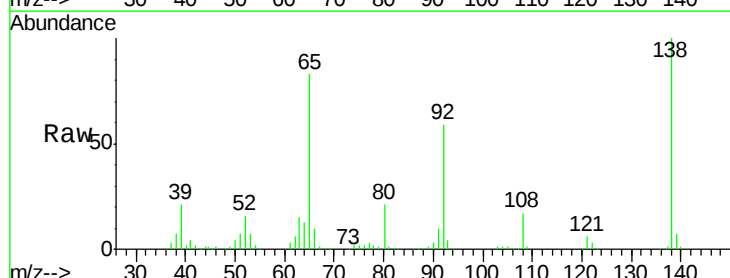


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

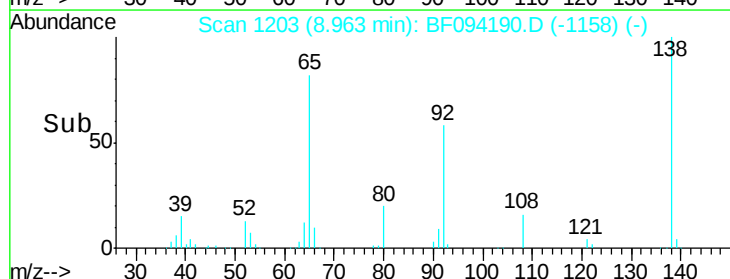
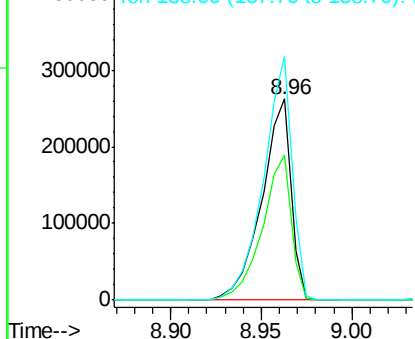


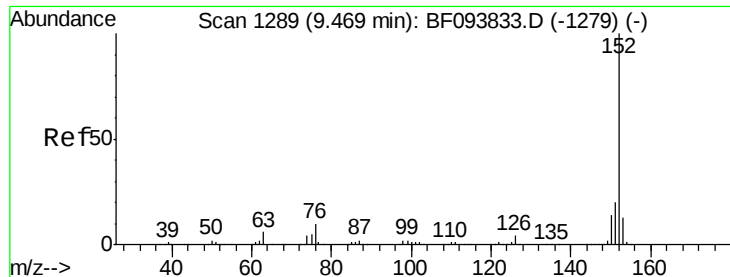
#47
2-Nitroaniline
Concen: 47.65 ng
RT: 8.96 min Scan# 1203
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	294950		
92	71.9	53.9	80.9	
138	121.1	78.8	118.2	



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.31 ng

RT: 9.34 min Scan# 1267

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

Tot Ion:152 Resp: 1467278

Ion Ratio Lower Upper

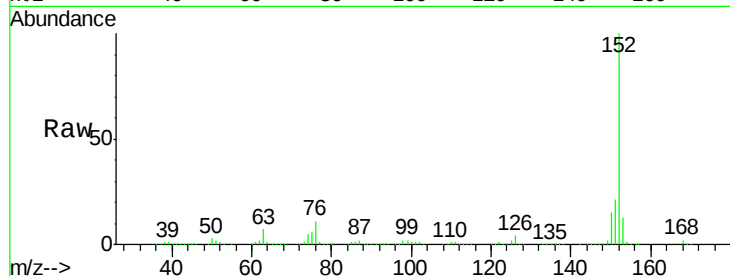
152 100

151 21.0 16.8 25.2

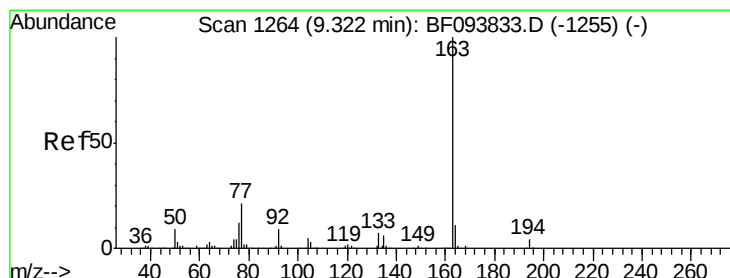
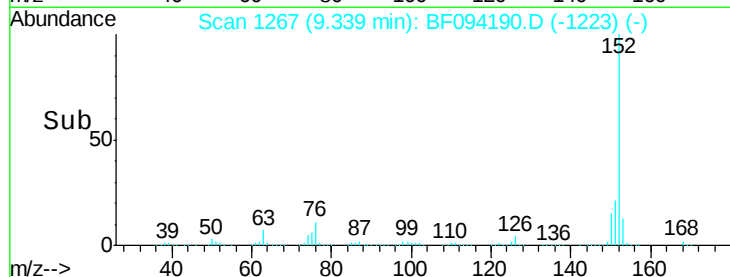
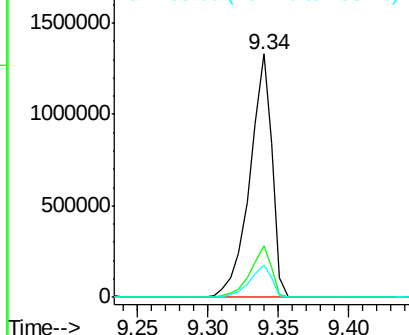
153 13.4 10.8 16.2

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 47.40 ng

RT: 9.20 min Scan# 1244

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

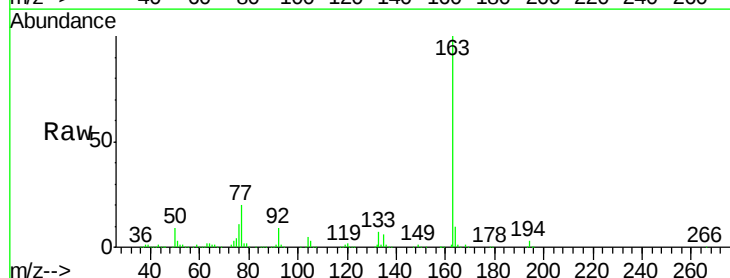
Tgt Ion:163 Resp: 1113708

Ion Ratio Lower Upper

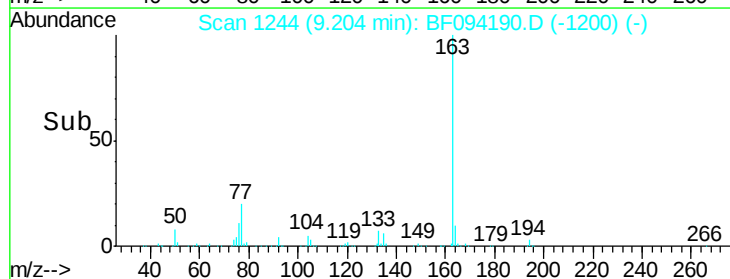
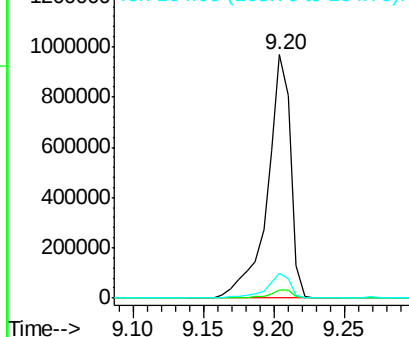
163 100

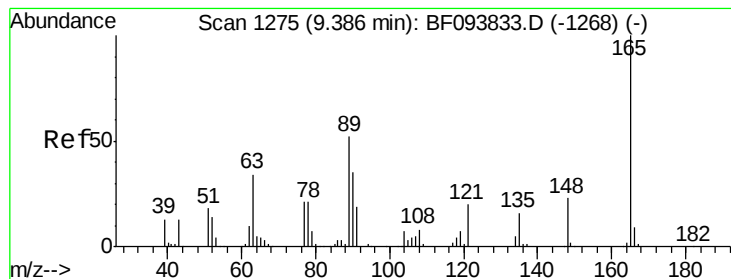
194 3.4 2.6 4.0

164 10.0 8.4 12.6



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





#50

2,6-Dinitrotoluene

Concen: 47.05 ng

RT: 9.27 min Scan# 1255

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

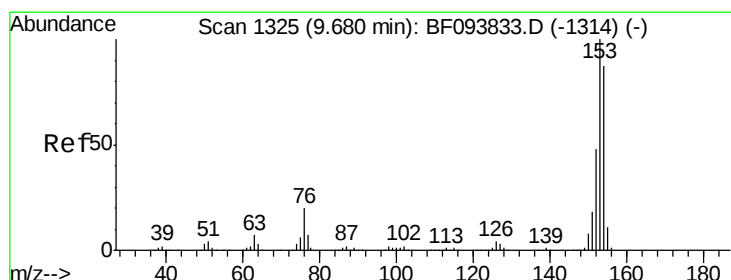
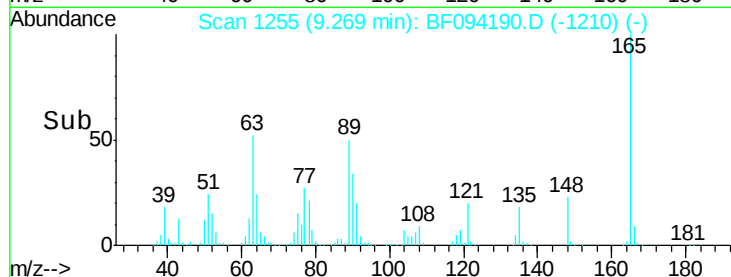
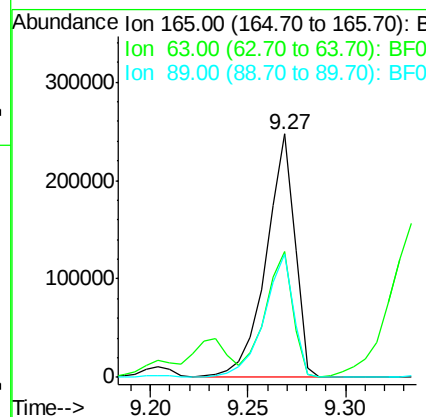
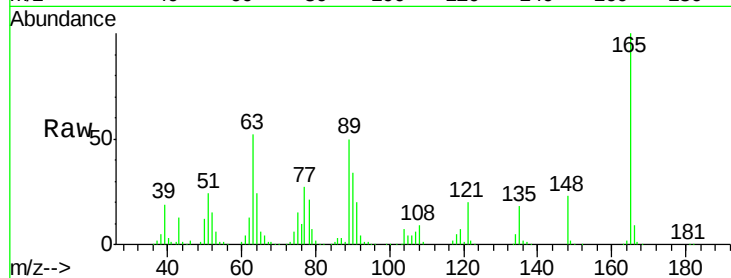
ClientSampleId :

PB98041BS

Tot Ion:	165	Resp:	253371
Ion Ratio	Lower	Upper	
165	100		
63	51.6	34.3	51.5#
89	50.5	37.1	55.7

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#51

Acenaphthene

Concen: 42.89 ng

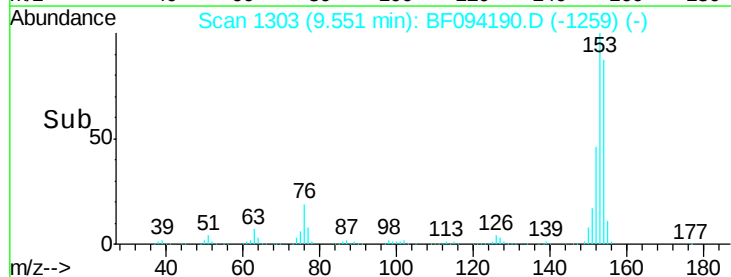
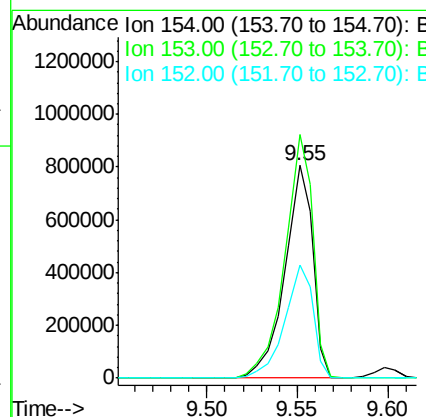
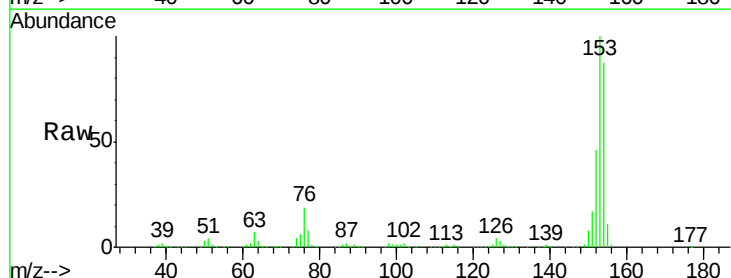
RT: 9.55 min Scan# 1303

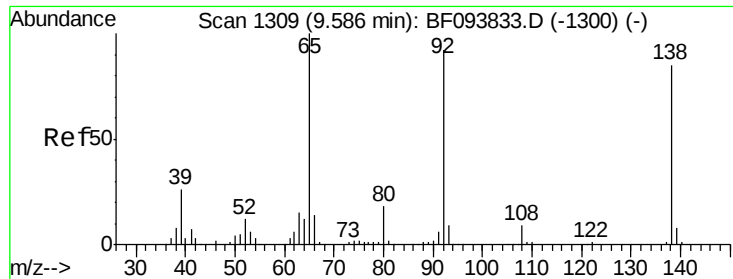
Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Tgt Ion:	154	Resp:	867965
Ion Ratio	Lower	Upper	
154	100		
153	114.6	90.5	135.7
152	53.3	43.6	65.4





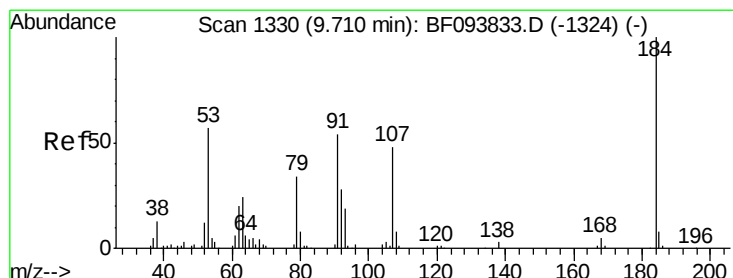
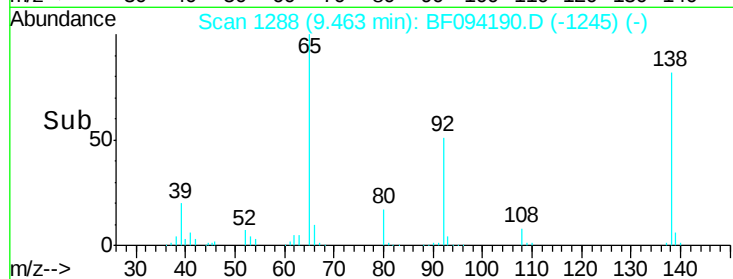
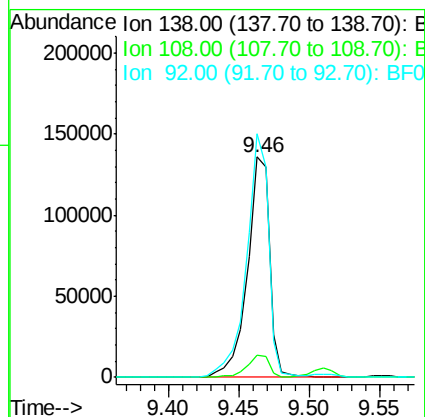
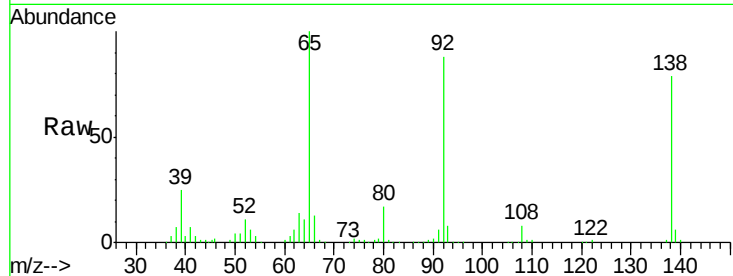
#52
3-Nitroaniline
Concen: 23.82 ng
RT: 9.46 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.1	13.7
92	110.7	93.8	140.6

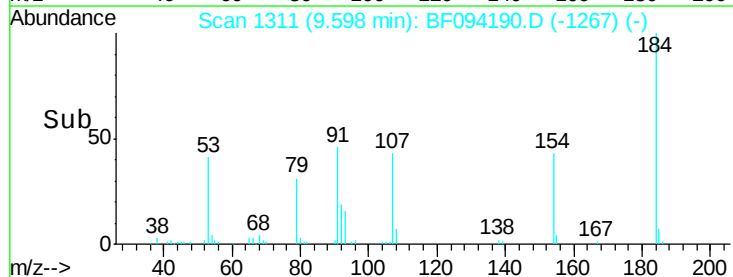
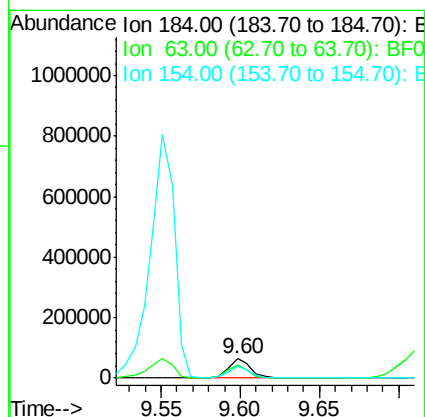
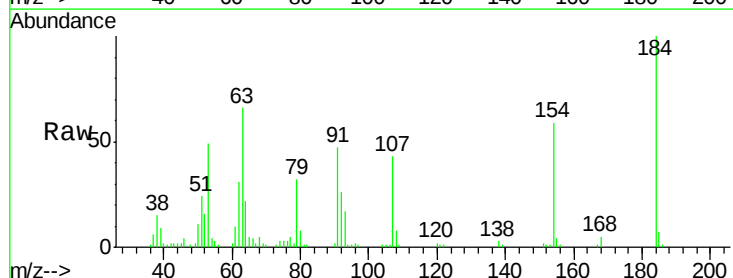
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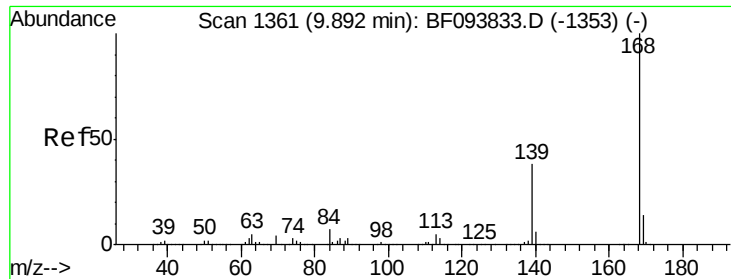
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#53
2,4-Dinitrophenol
Concen: 25.29 ng
RT: 9.60 min Scan# 1311
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.6	62.7	94.1
154	59.5	81.1	121.7#





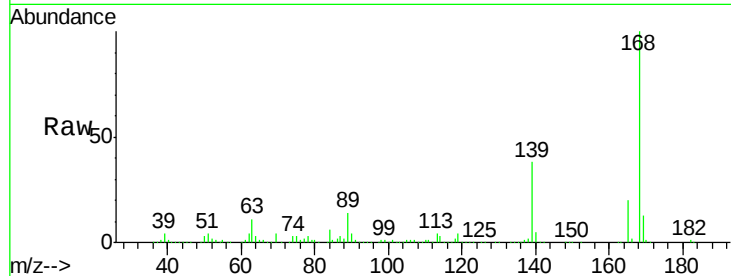
#54
Dibenzofuran
Concen: 45.78 ng
RT: 9.77 min Scan# 1340
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

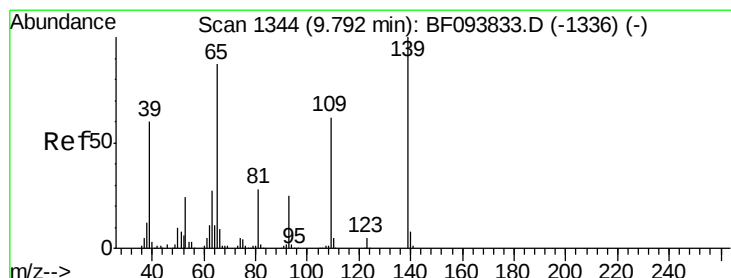
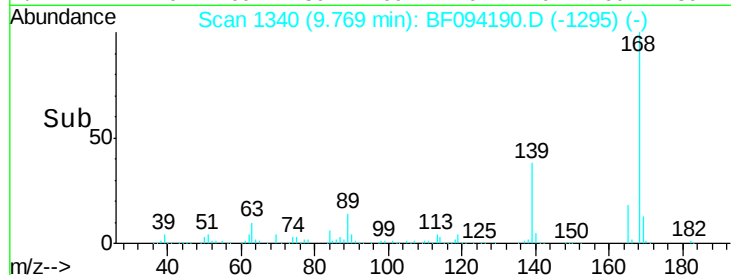
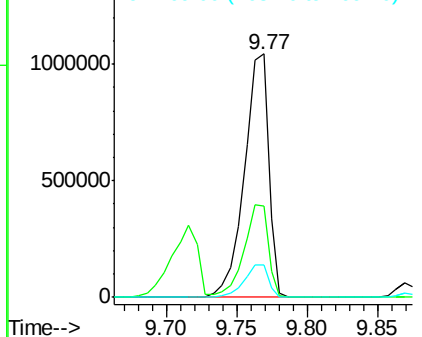
Tot Ion	Ion	Ratio	Lower	Upper
168	100			
139	37.7	30.6	45.8	
169	13.3	10.8	16.2	

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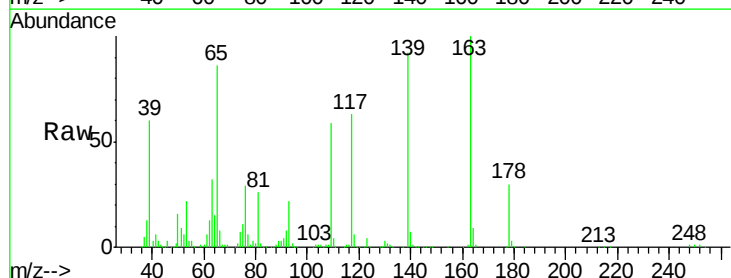


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

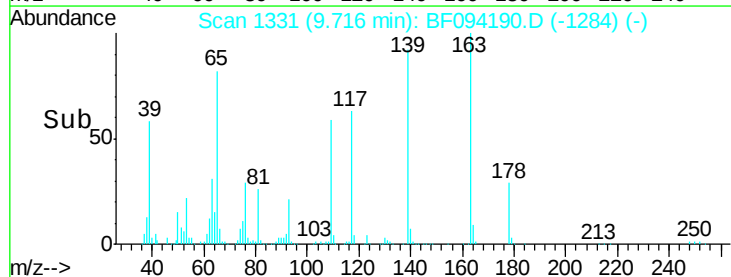
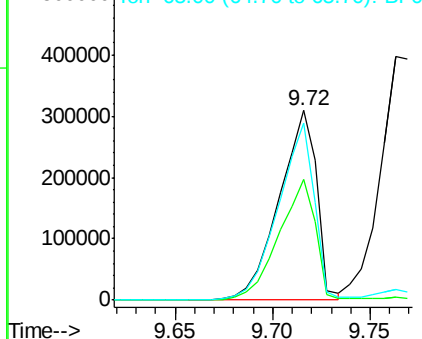


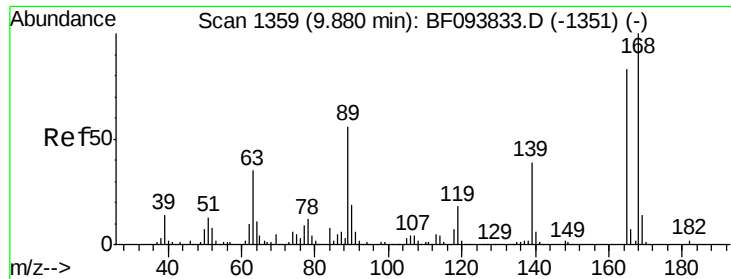
#55
4-Nitrophenol
Concen: 82.96 ng
RT: 9.72 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ion	Ratio	Lower	Upper
139	100			
109	63.8	34.1	74.1	
65	93.3	31.4	71.4	



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





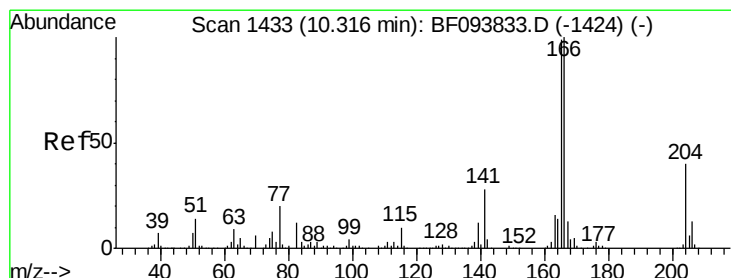
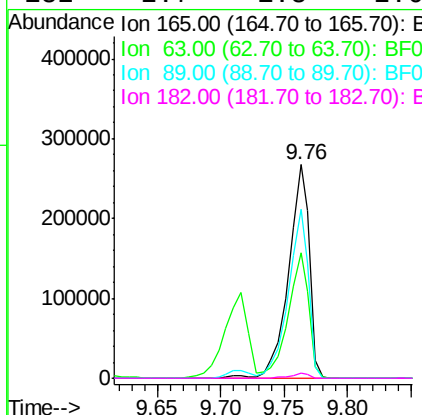
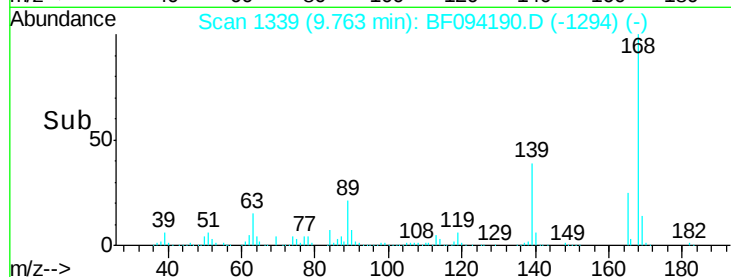
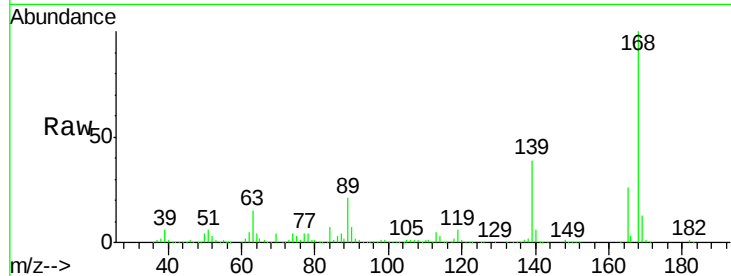
#56
 2,4-Dinitrotoluene
 Concen: 45.66 ng
 RT: 9.76 min Scan# 1339
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.7	25.4	38.0#	
89	79.1	46.4	69.6#	
182	2.7	1.8	2.6#	

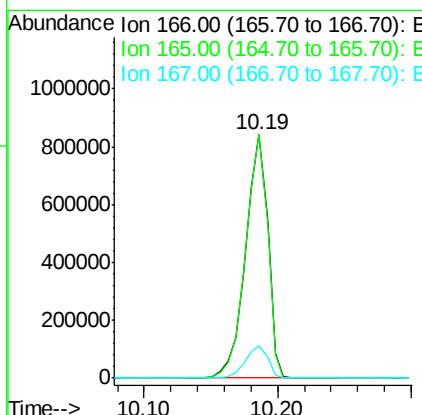
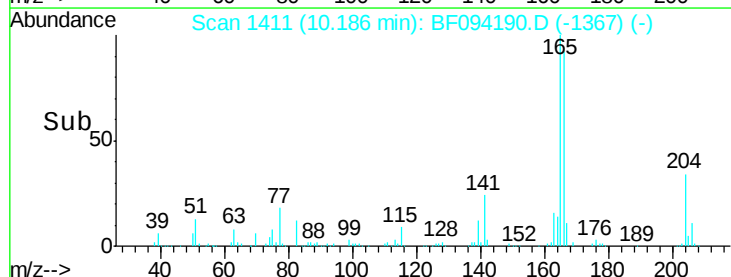
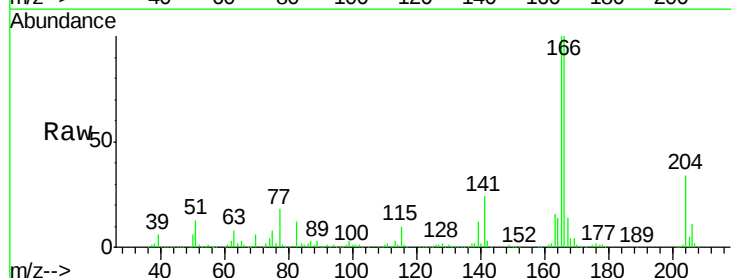
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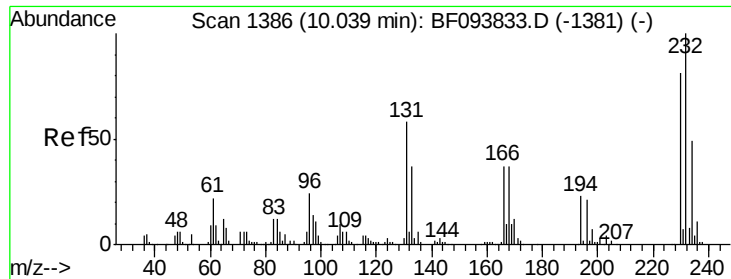
mohammad
 4/6/2017 3:38:28 PM



#57
 Fluorene
 Concen: 41.94 ng
 RT: 10.19 min Scan# 1411
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.8	78.8	118.2	
167	13.5	10.6	16.0	





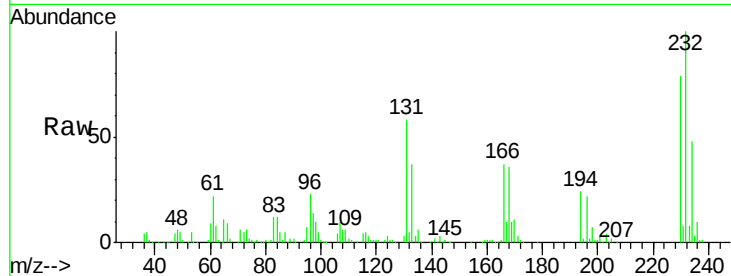
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.82 ng
 RT: 9.92 min Scan# 1366
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

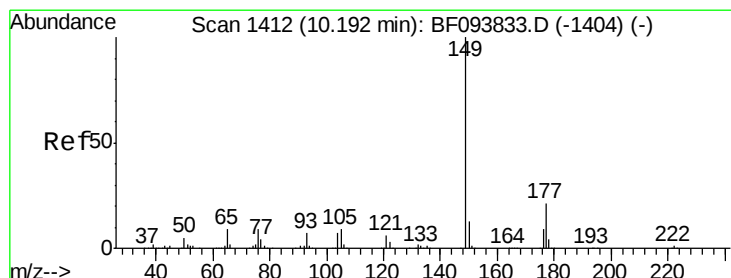
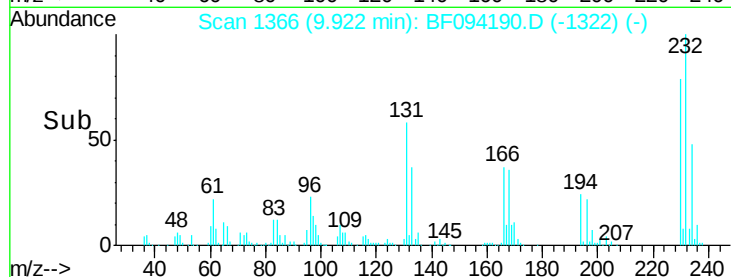
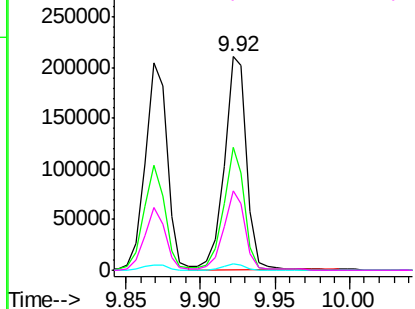
Tot Ion	Ratio	Resp	Lower	Upper
232	100	222371		
131	54.8		44.8	67.2
130	2.6		2.3	3.5
166	36.4		29.0	43.4

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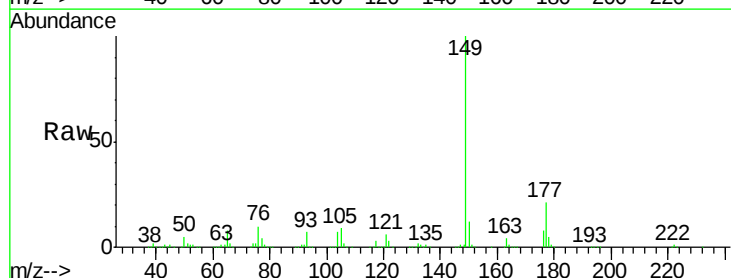


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

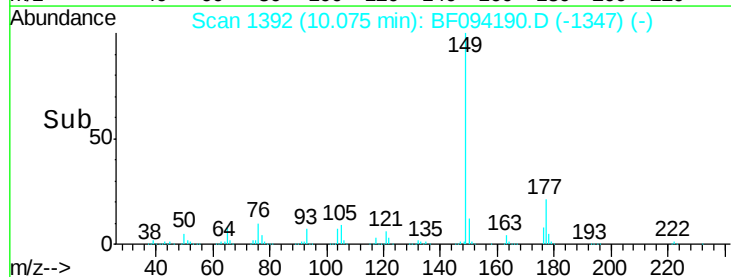
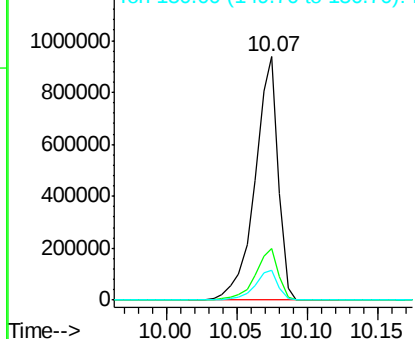


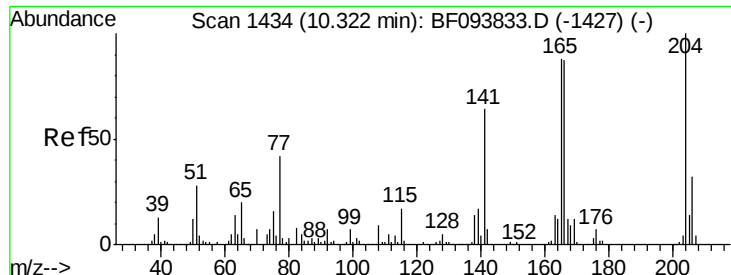
#59
 Diethylphthalate
 Concen: 46.58 ng
 RT: 10.07 min Scan# 1392
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1081607		
177	21.4		16.7	25.1
150	12.1		10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





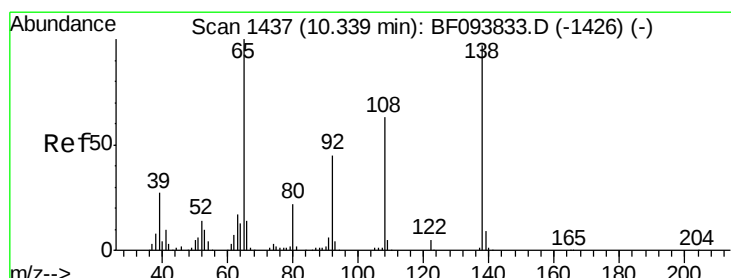
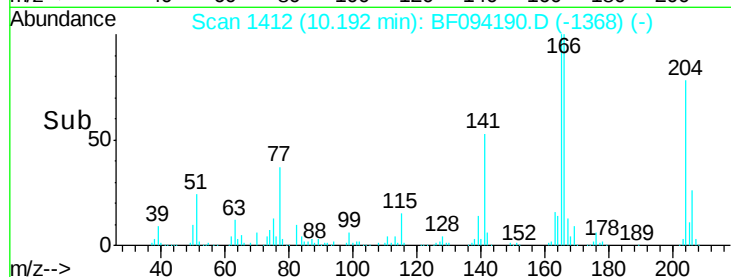
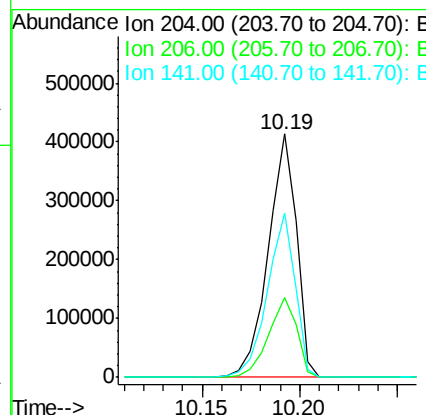
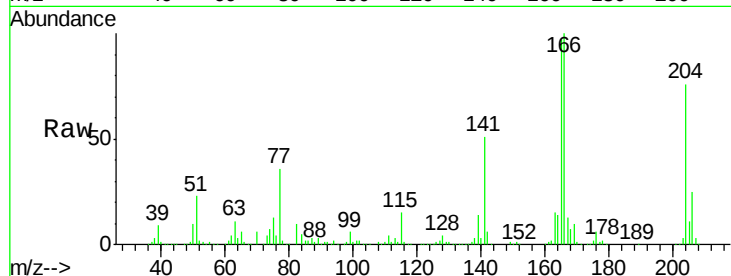
#60
4-Chlorophenyl-phenylether
Concen: 42.59 ng
RT: 10.19 min Scan# 1412
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	67.5	60.8	91.2

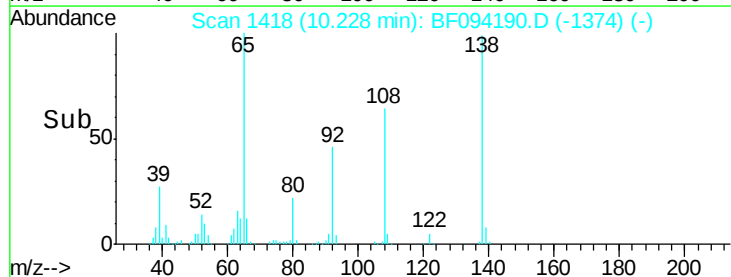
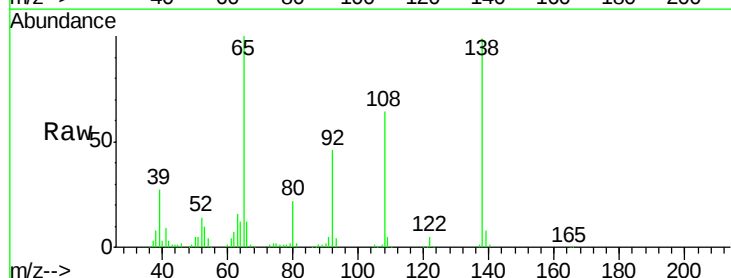
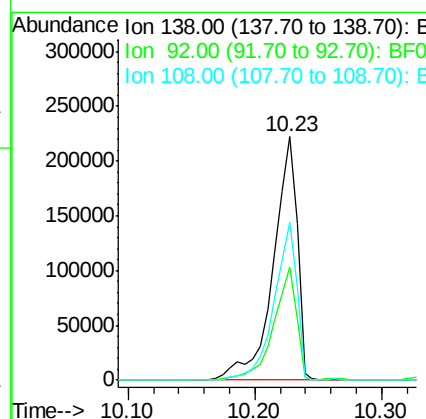
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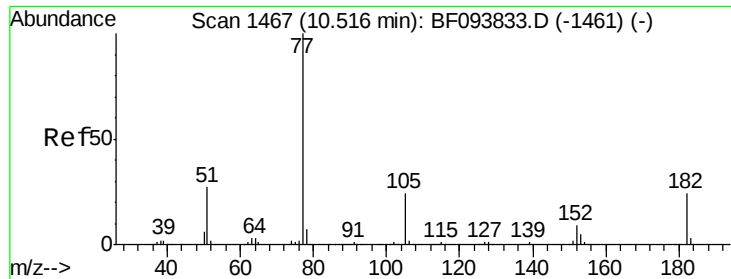
mohammad
4/6/2017 3:38:28 PM



#61
4-Nitroaniline
Concen: 47.99 ng
RT: 10.23 min Scan# 1418
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.7	21.8	61.8
108	64.8	42.3	82.3





#62

Azobenzene

Concen: 47.88 ng

RT: 10.39 min Scan# 1445

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

Tot Ion: 77 Resp: 1051741

Ion Ratio Lower Upper

77 100

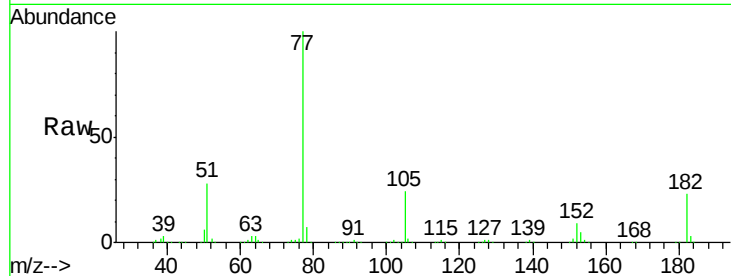
182 23.4 0.1 40.1

105 24.3 3.6 43.6

51 28.2 9.4 49.4

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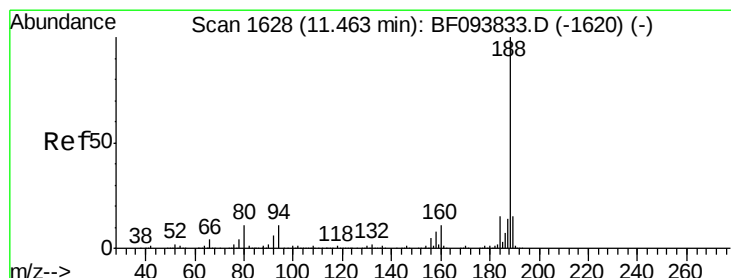
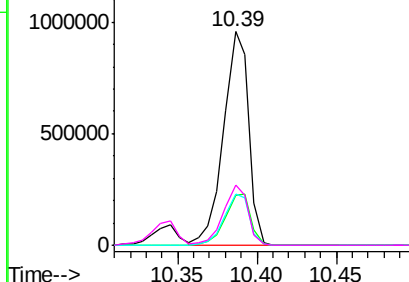
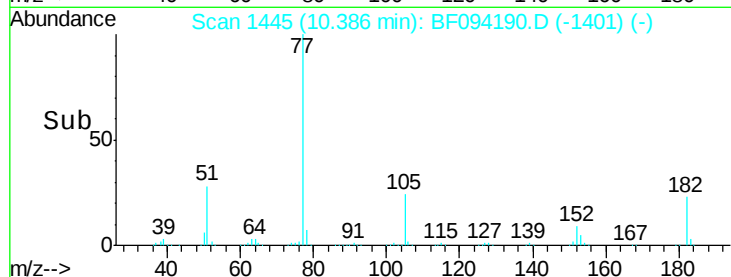


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 1606

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

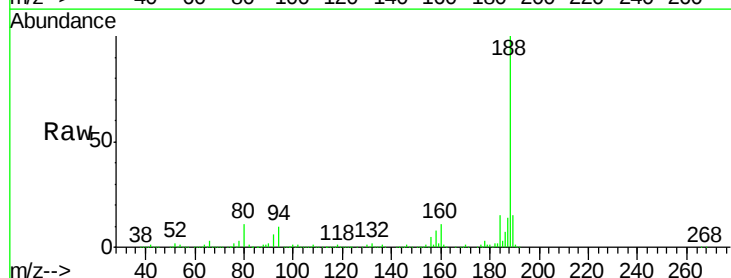
Tgt Ion: 188 Resp: 577820

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

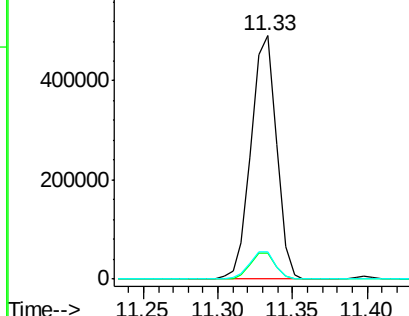
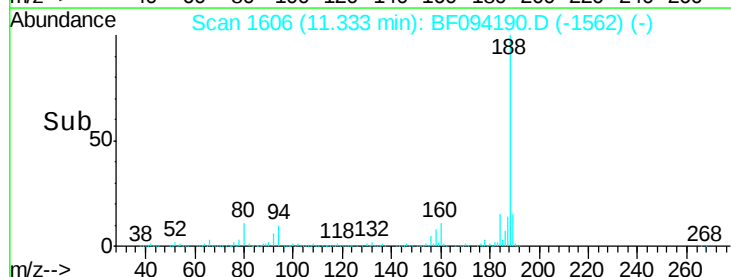
80 11.4 10.2 15.2

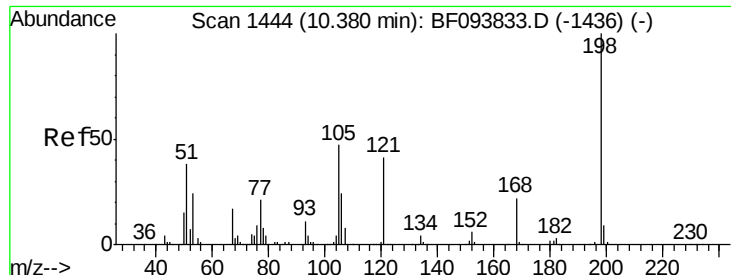


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





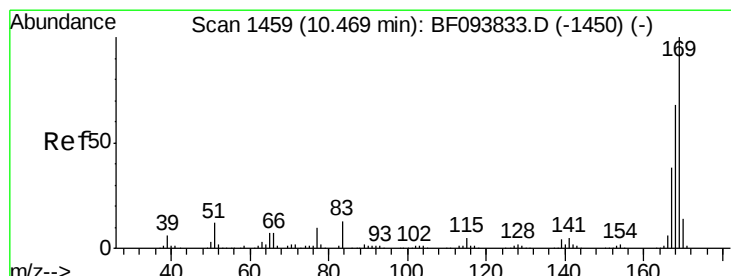
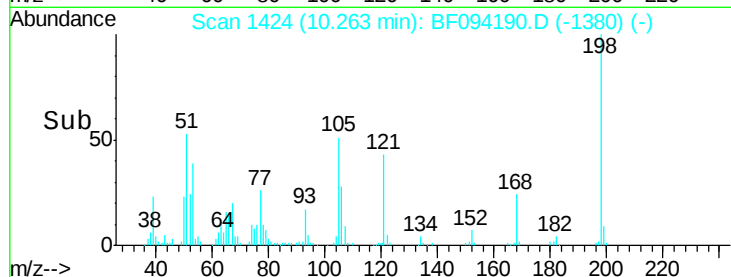
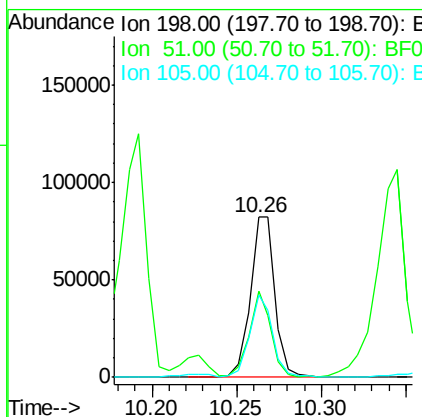
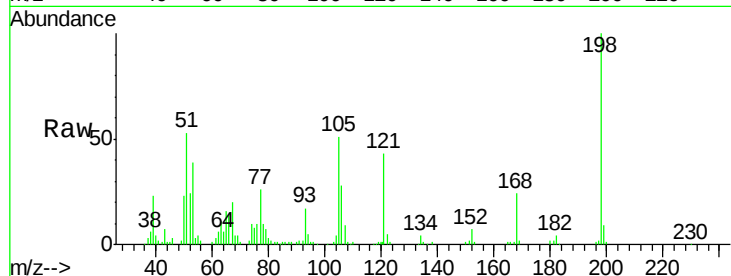
#64
 4,6-Dinitro-2-methylphenol
 Concen: 23.64 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	53.4	53.2	93.2
105	51.3	45.8	85.8

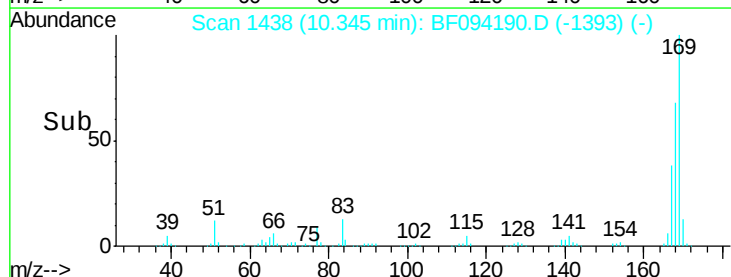
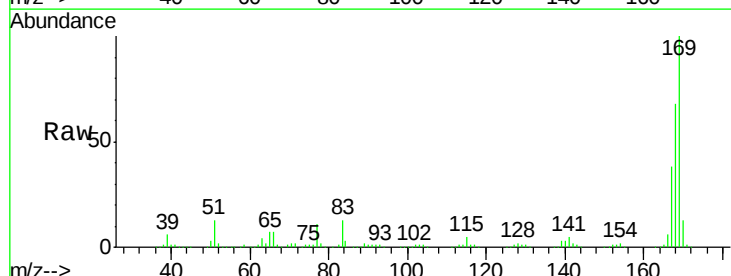
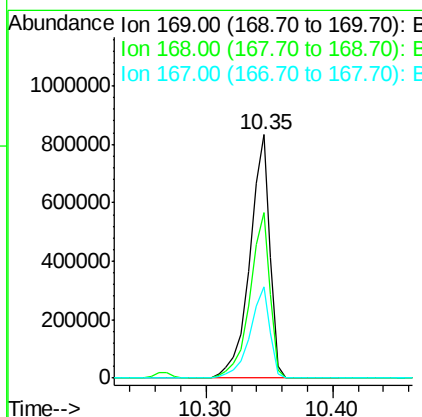
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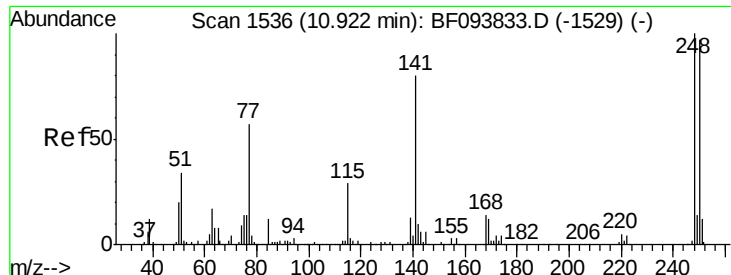
mohammad
 4/6/2017 3:38:28 PM



#65
 n-Nitrosodiphenylamine
 Concen: 45.99 ng
 RT: 10.35 min Scan# 1438
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.2	79.8
167	37.6	29.5	44.3





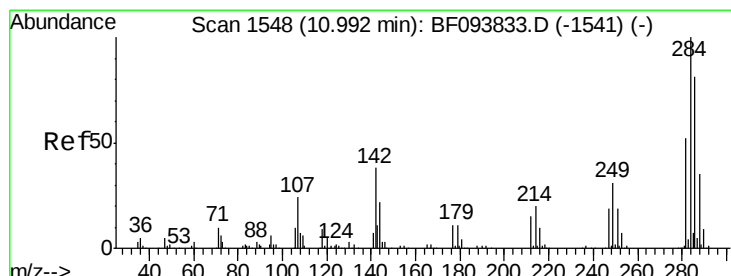
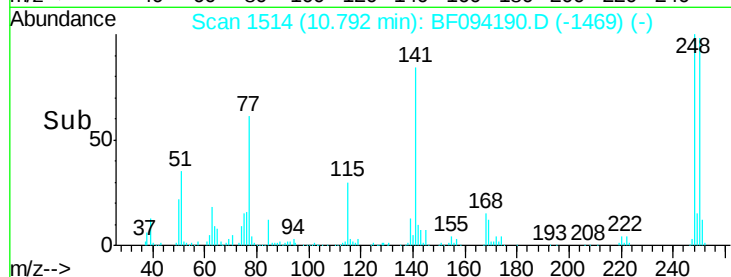
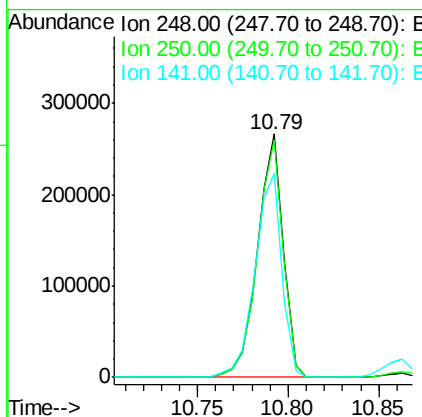
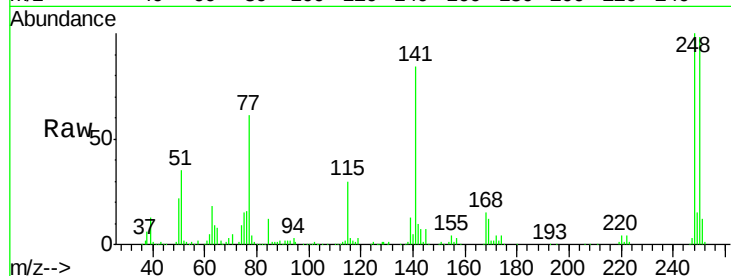
#66
4-Bromophenyl-phenylether
Concen: 46.17 ng
RT: 10.79 min Scan# 1514
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.8	115.2
141	83.9	68.6	103.0

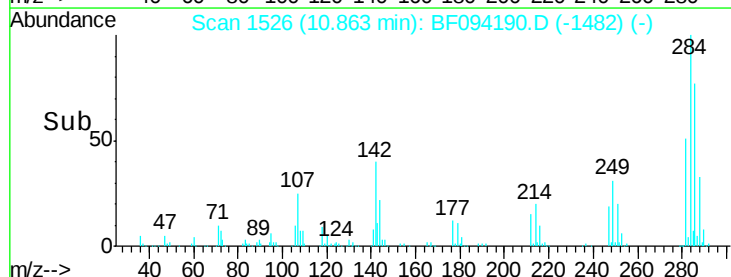
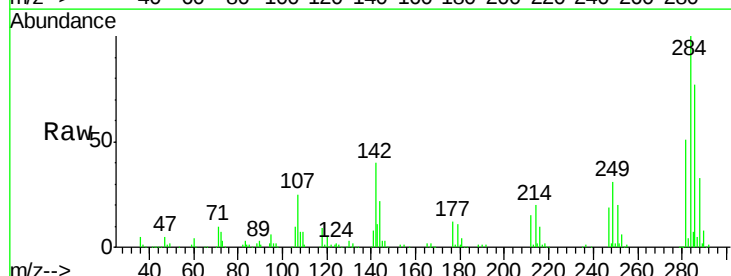
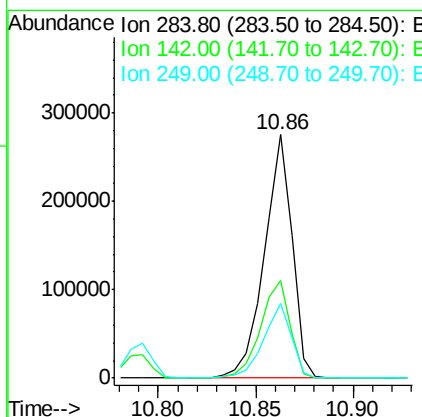
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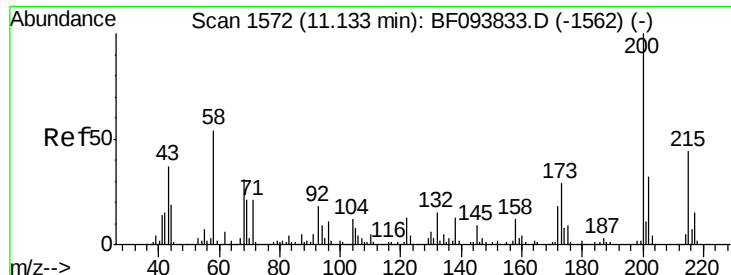
mohammad
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#67
Hexachlorobenzene
Concen: 47.08 ng
RT: 10.86 min Scan# 1526
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.2	22.8	34.2#
249	30.7	24.0	36.0





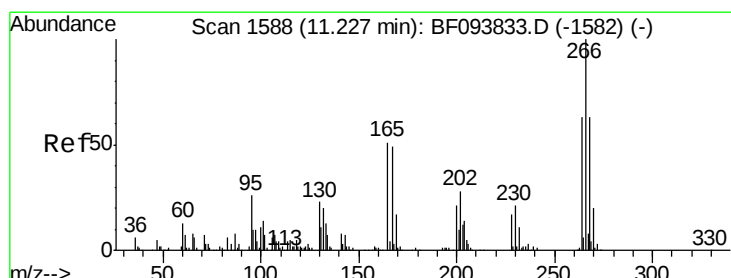
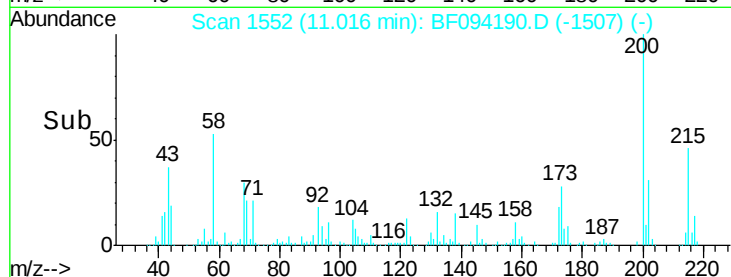
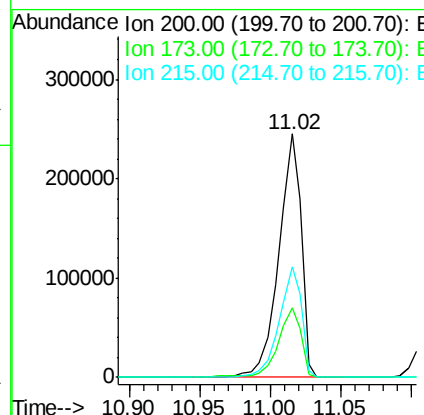
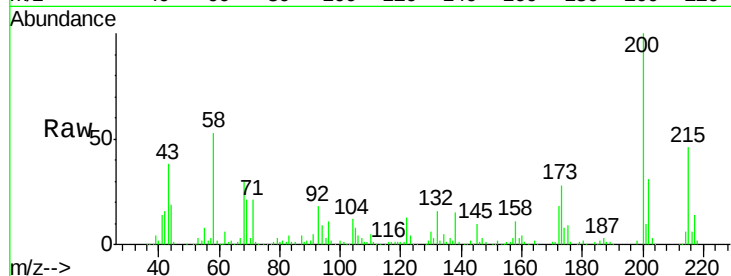
#68
Atrazine
Concen: 45.46 ng
RT: 11.02 min Scan# 1552
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.4	6.3	46.3
215	45.6	27.2	67.2

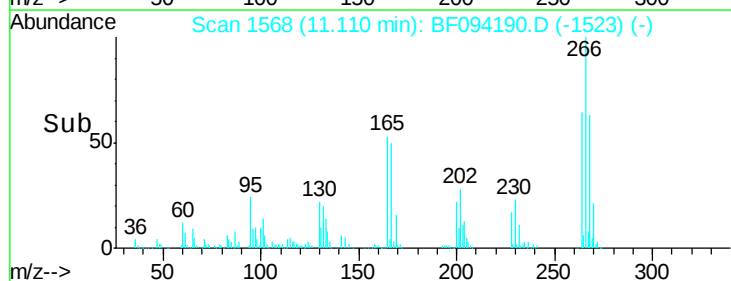
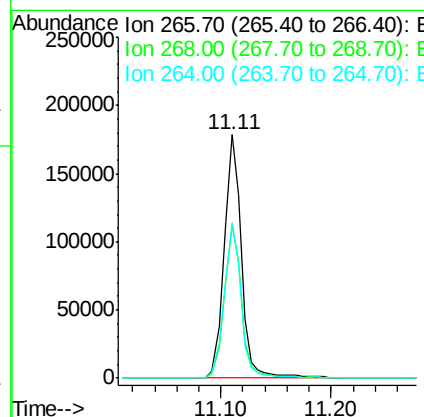
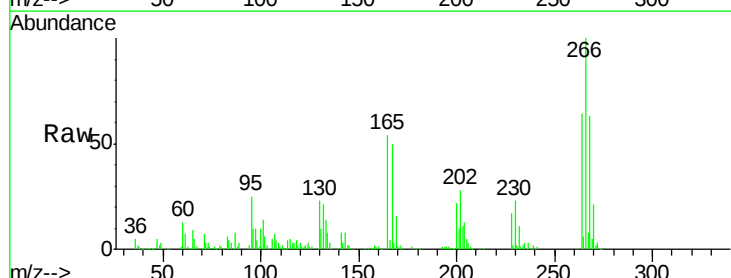
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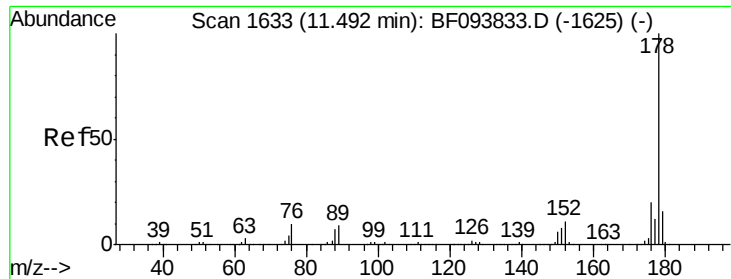
mohammad
4/6/2017 3:38:28 PM



#69
Pentachlorophenol
Concen: 54.57 ng
RT: 11.11 min Scan# 1568
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.9	51.1	76.7
264	64.0	51.7	77.5





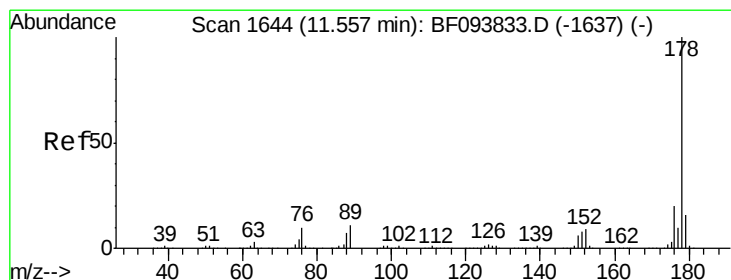
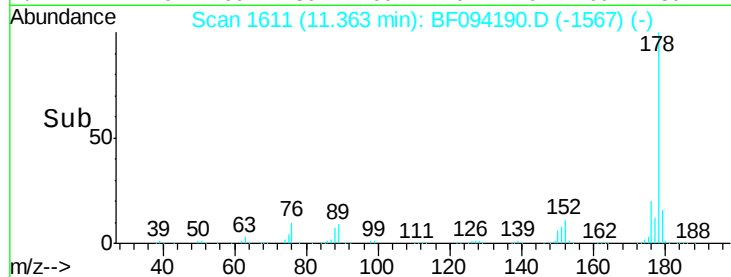
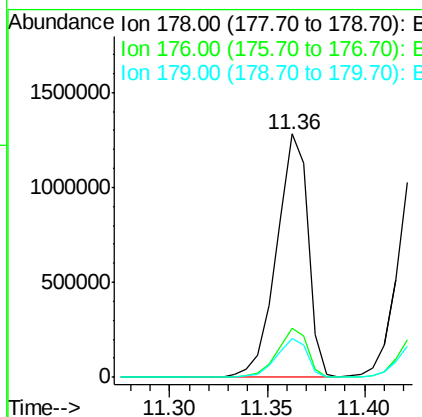
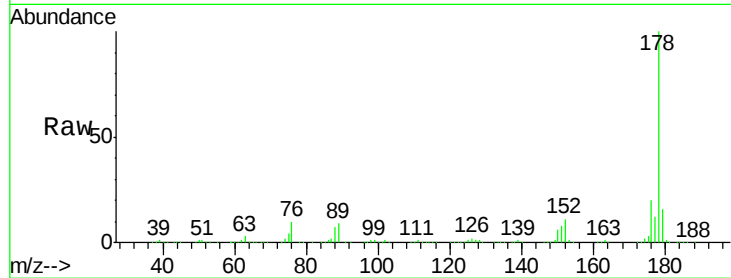
#70
Phenanthrene
Concen: 44.57 ng
RT: 11.36 min Scan# 1611
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion:178 Resp: 1432670
Ion Ratio Lower Upper
178 100
176 20.1 16.2 24.4
179 16.1 12.6 19.0

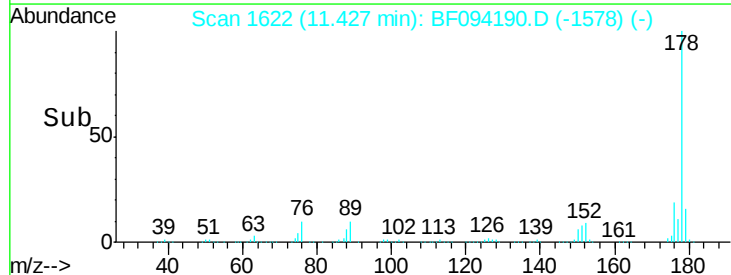
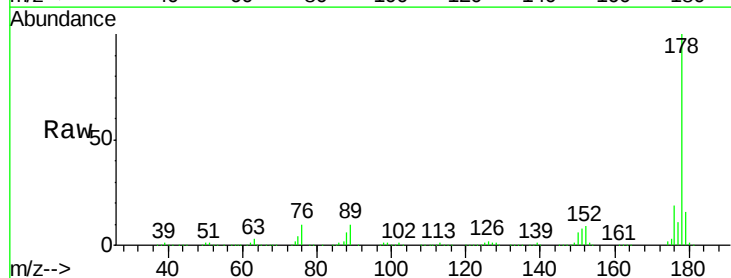
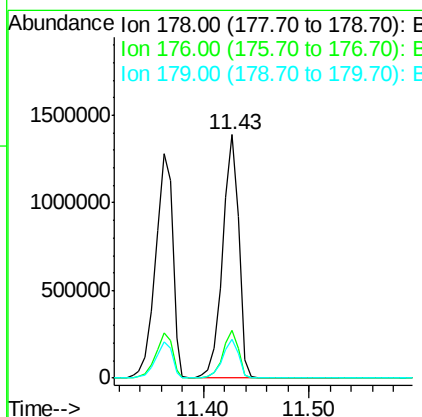
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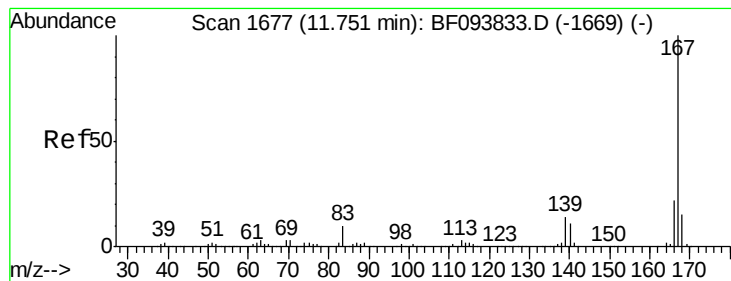
mohammad
4/6/2017 3:38:28 PM



#71
Anthracene
Concen: 45.07 ng
RT: 11.43 min Scan# 1622
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion:178 Resp: 1491598
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.8
179 15.8 12.7 19.1





#72

Carbazole

Concen: 41.95 ng

RT: 11.63 min Scan# 1657

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

Tot Ion:167 Resp: 1423557

Ion Ratio Lower Upper

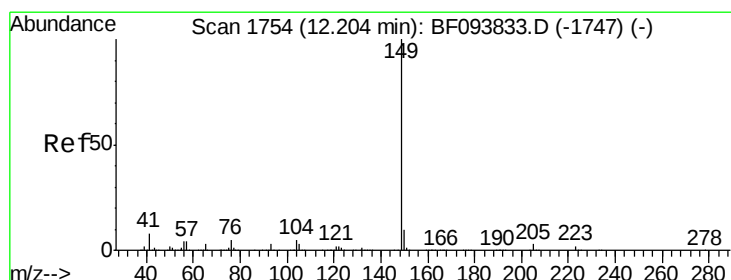
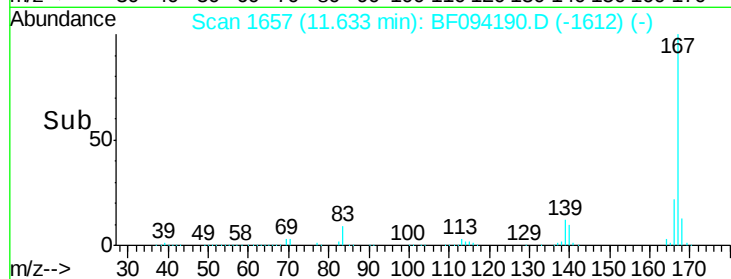
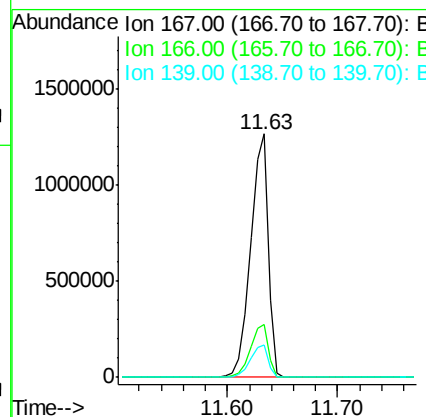
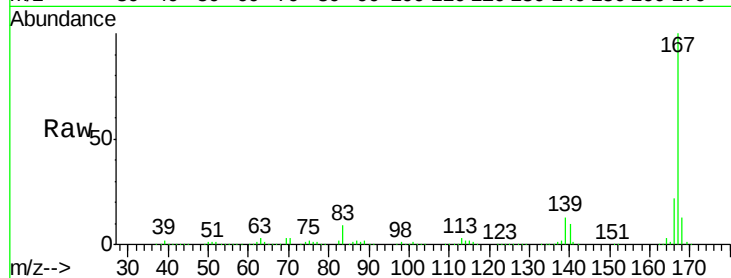
167 100

166 21.9 18.1 27.1

139 13.4 11.7 17.5

Manual Integrations
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mohammad
4/6/2017 3:38:28 PM



#73

Di-n-butylphthalate

Concen: 47.77 ng

RT: 12.08 min Scan# 1733

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

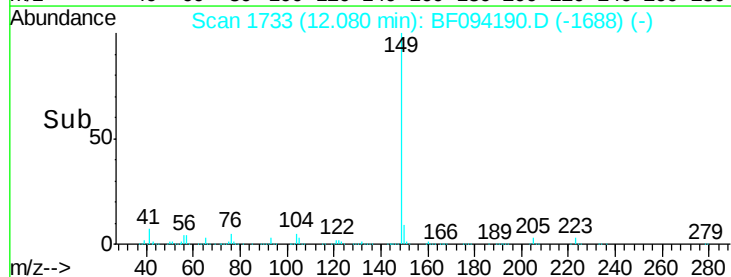
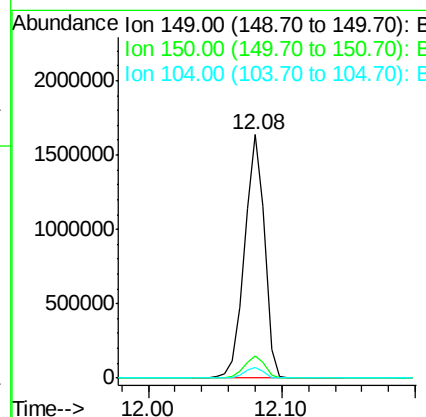
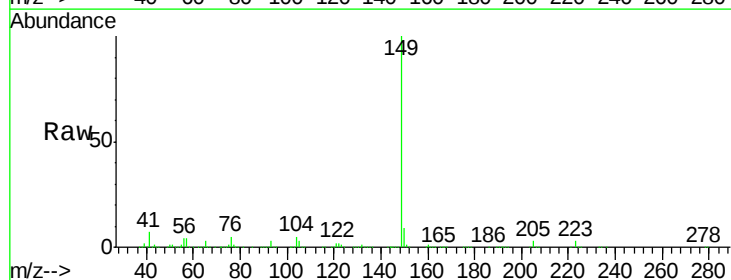
Tgt Ion:149 Resp: 1686120

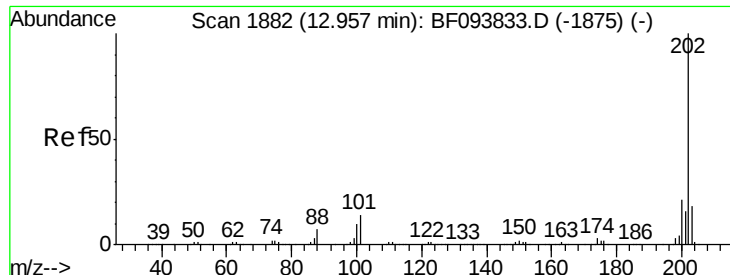
Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

104 4.6 4.0 6.0





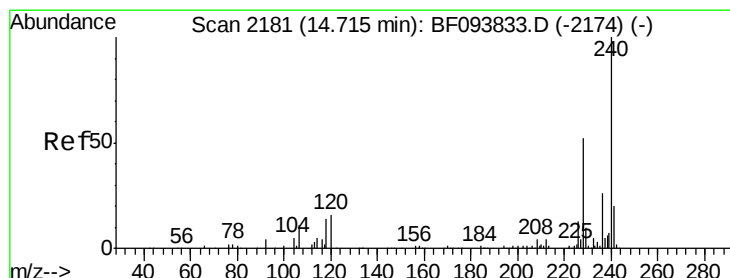
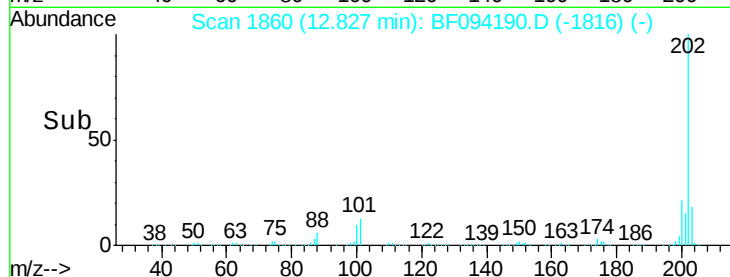
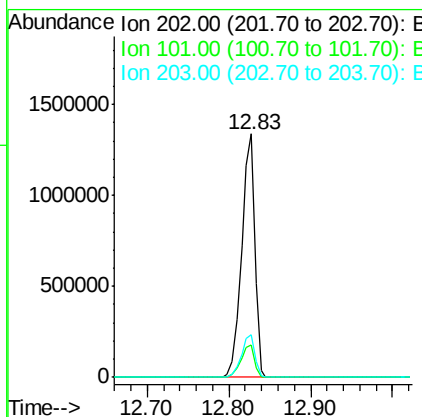
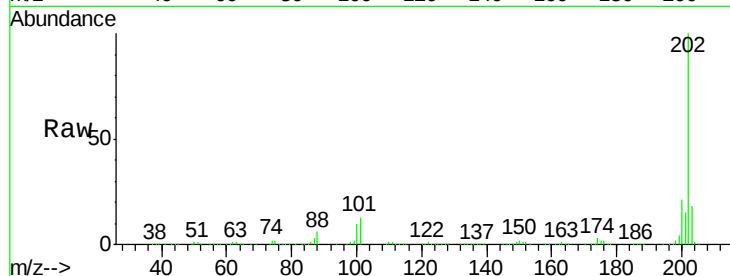
#74
Fluoranthene
Concen: 45.49 ng
RT: 12.83 min Scan# 1860
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.2
203	17.7	0.0	38.1

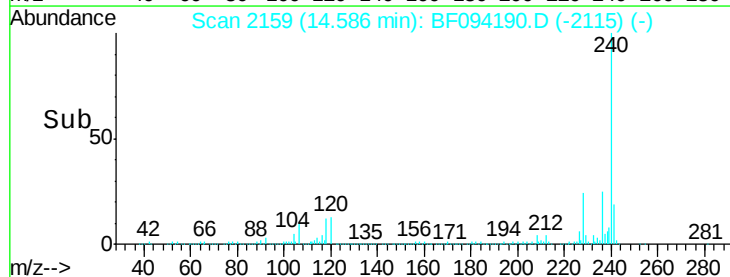
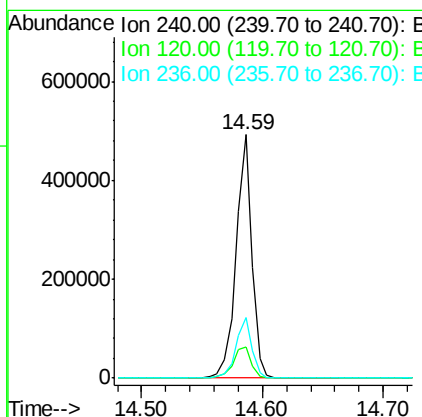
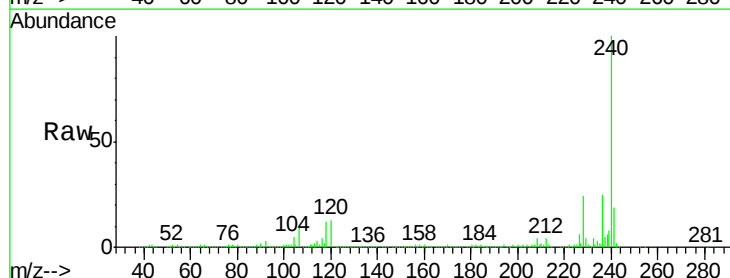
Manual Integrations
APPROVED

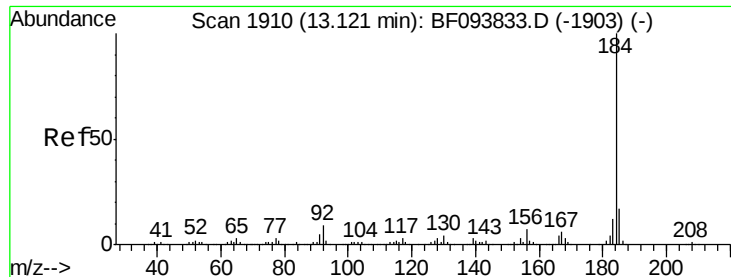
mohammad
4/6/2017 3:38:28 PM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.59 min Scan# 2159
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	24.6	20.5	30.7





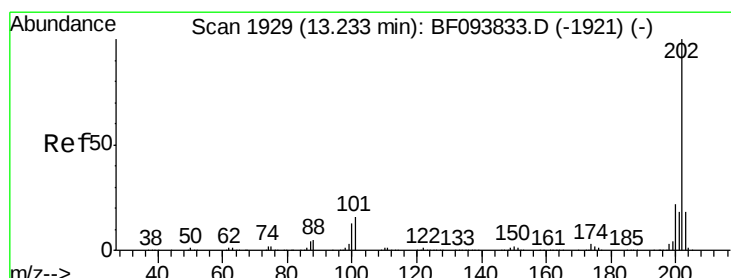
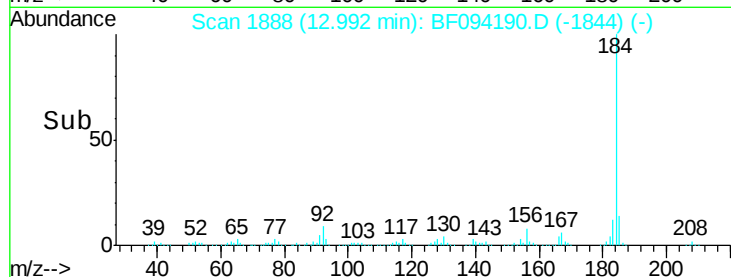
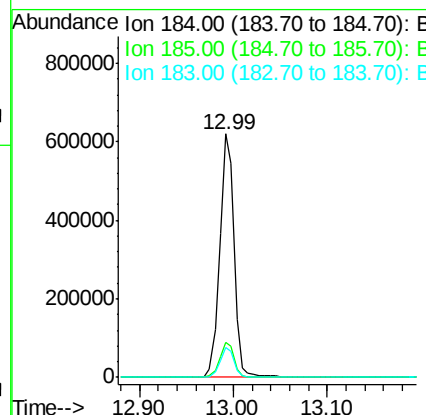
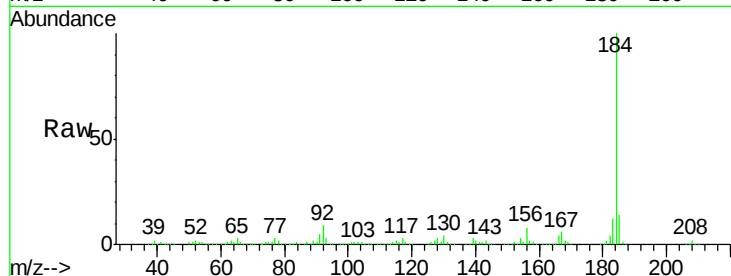
#76
Benzidine
Concen: 37.46 ng
RT: 12.99 min Scan# 1888
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	15.5	23.3#
183	12.2	9.8	14.6

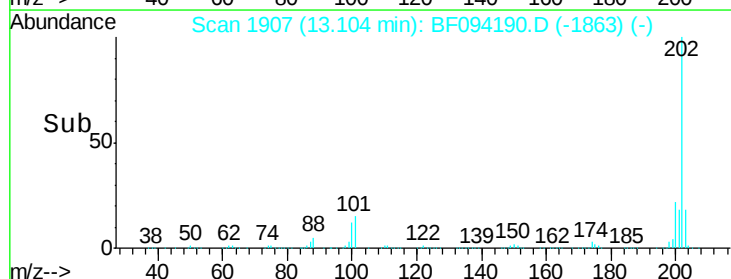
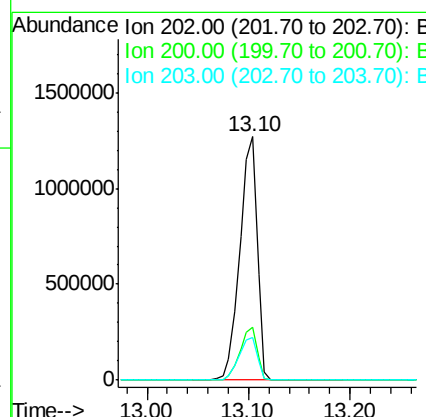
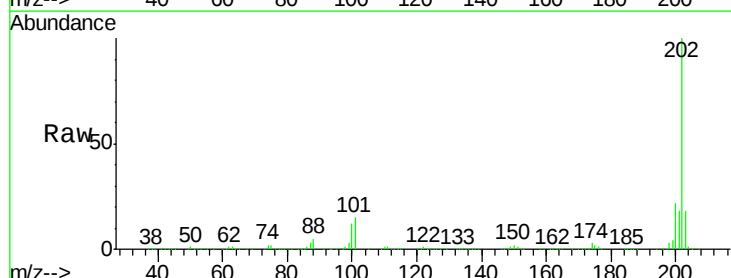
Manual Integrations
APPROVED

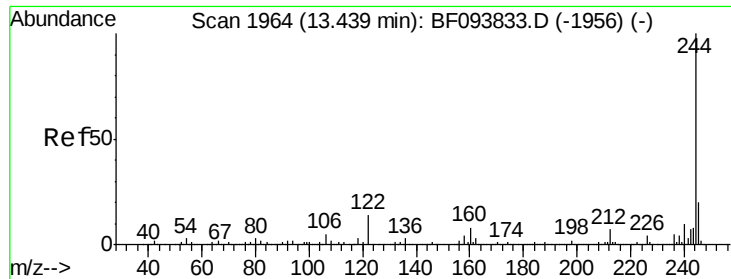
mohammad
4/6/2017 3:38:28 PM



#77
Pyrene
Concen: 46.17 ng
RT: 13.10 min Scan# 1907
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.6	26.4
203	17.6	14.4	21.6





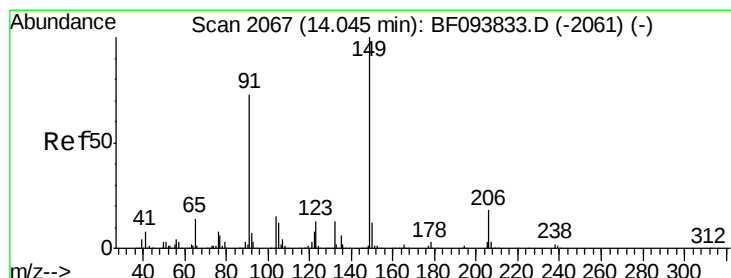
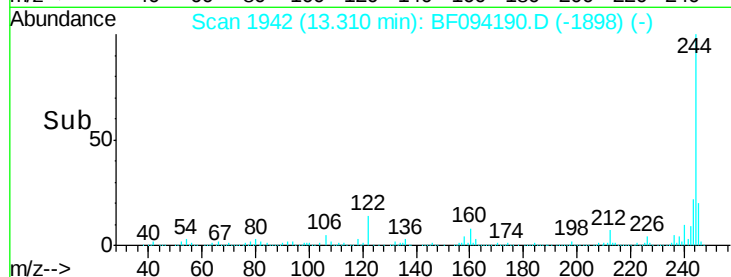
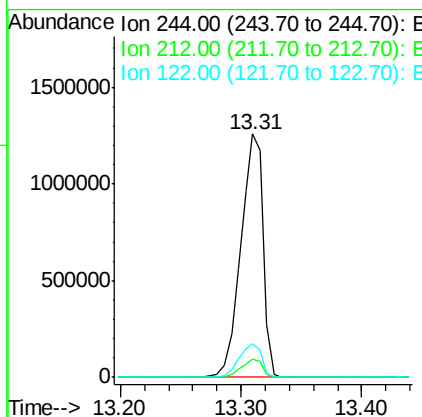
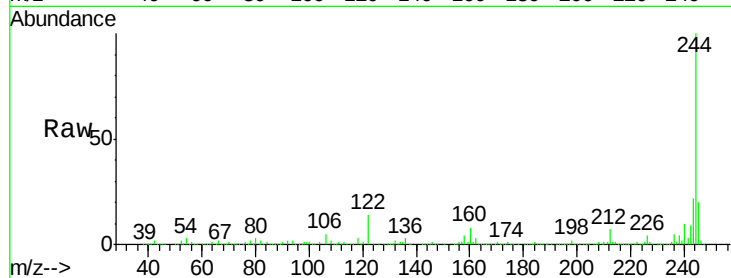
#78
 Terphenyl-d14
 Concen: 80.00 ng
 RT: 13.31 min Scan# 1942
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB98041BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.9	10.3	15.5

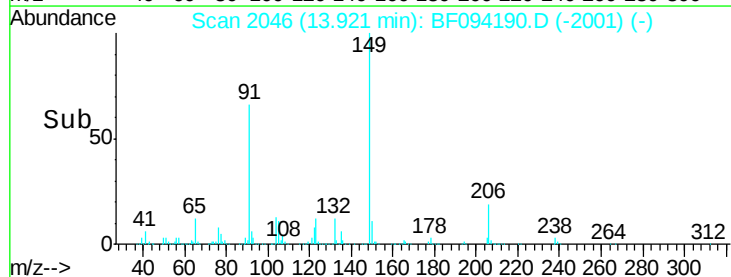
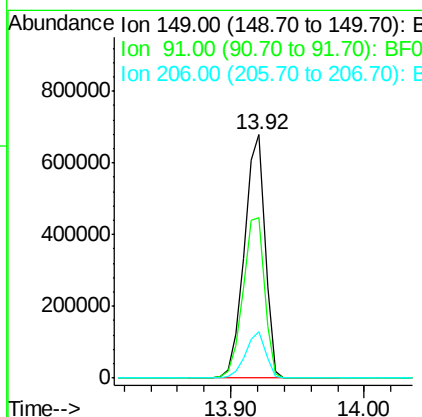
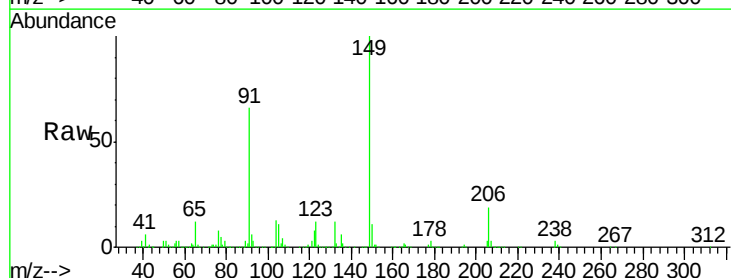
Manual Integrations
 APPROVED

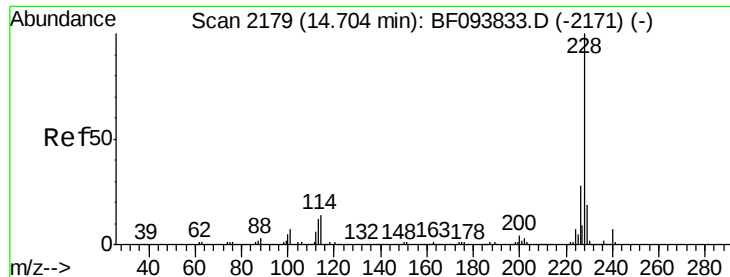
mohammad
 4/6/2017 3:38:28 PM



#79
 Butylbenzylphthalate
 Concen: 51.94 ng
 RT: 13.92 min Scan# 2046
 Delta R.T. -0.04 min
 Lab File: BF094190.D
 Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.9	45.0	67.4
206	19.0	17.0	25.6





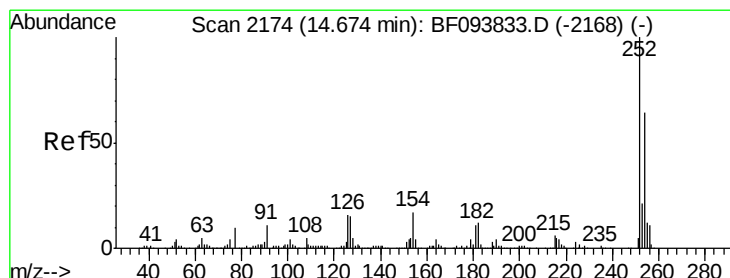
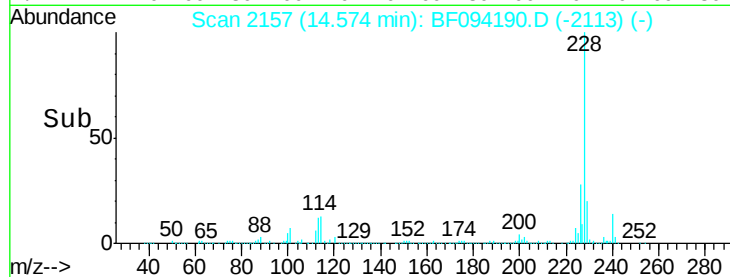
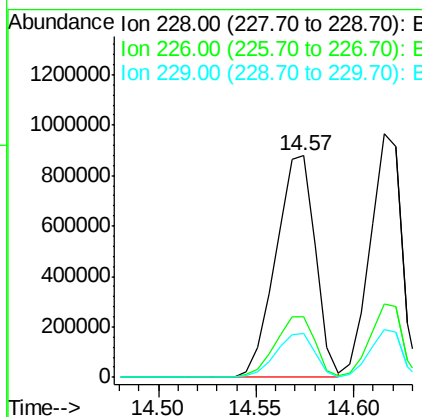
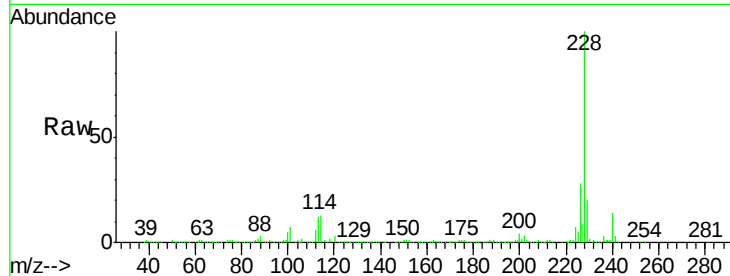
#80
Benzo(a)anthracene
Concen: 46.68 ng
RT: 14.57 min Scan# 2157
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.7	16.3	24.5

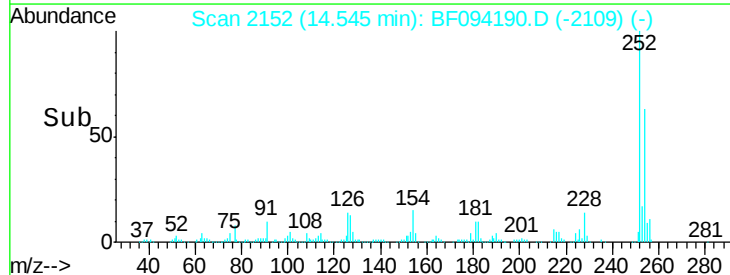
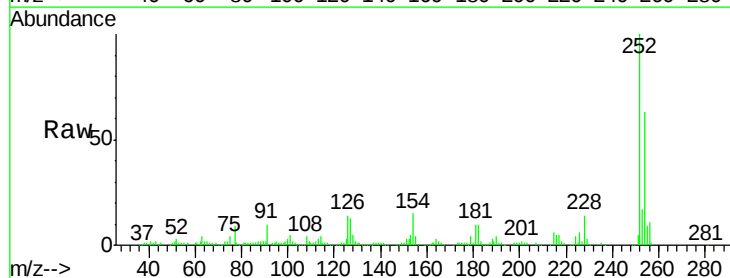
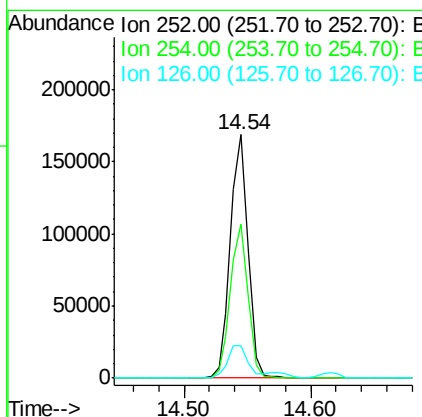
Manual Integrations
APPROVED

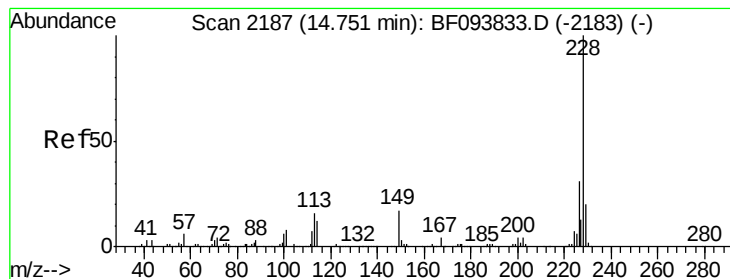
mohammad
4/6/2017 3:38:28 PM



#81
3,3'-Dichlorobenzidine
Concen: 17.33 ng
RT: 14.54 min Scan# 2152
Delta R.T. -0.05 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.5	77.3
126	13.5	15.8	23.8#





#82

Chrysene

Concen: 44.19 ng

RT: 14.62 min Scan# 2164

Delta R.T. -0.05 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

Instrument :

BNA_F

ClientSampleId :

PB98041BS

Tot Ion:228 Resp: 1078030

Ion Ratio Lower Upper

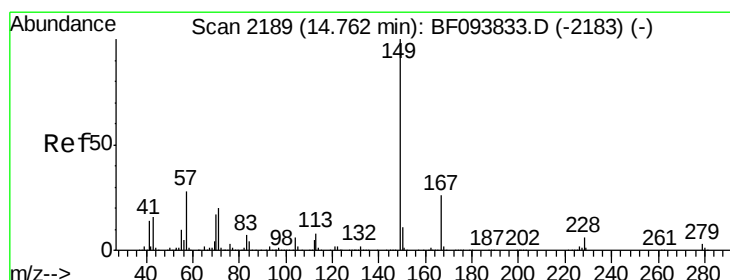
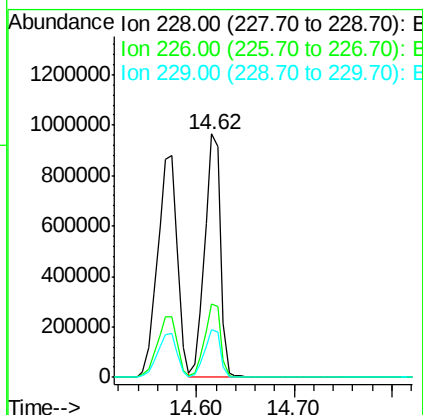
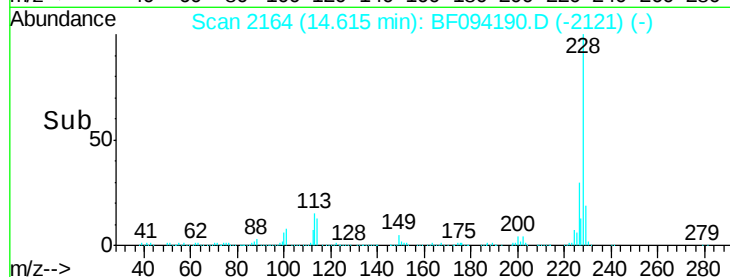
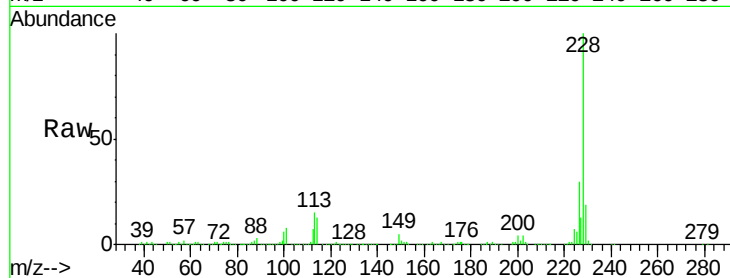
228 100

226 30.3 24.9 37.3

229 19.4 15.8 23.6

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:28 PM



#83

Bis(2-ethylhexyl)phthalate

Concen: 50.62 ng

RT: 14.63 min Scan# 2167

Delta R.T. -0.04 min

Lab File: BF094190.D

Acq: 5 Apr 2017 15:39

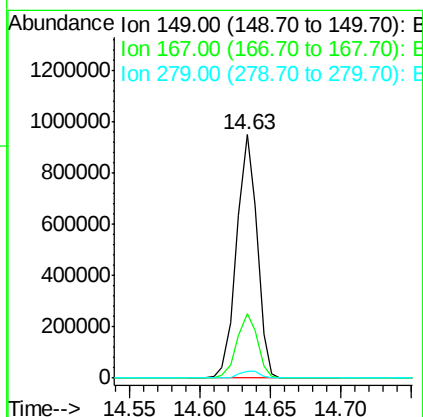
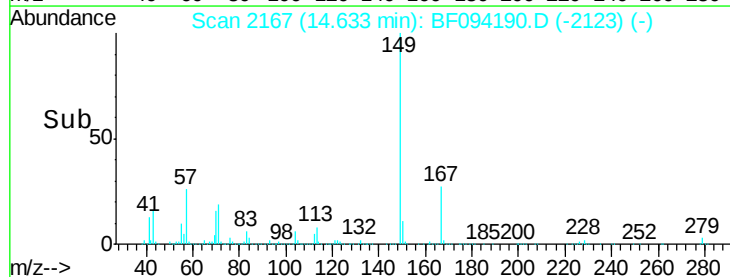
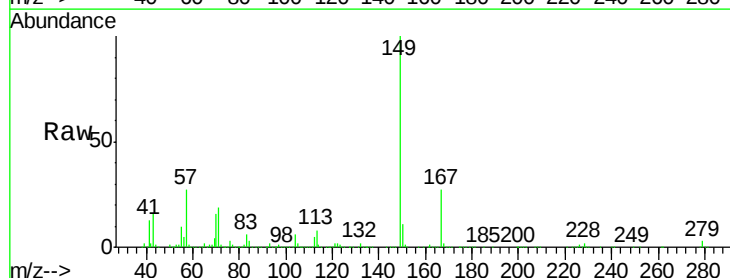
Tgt Ion:149 Resp: 962749

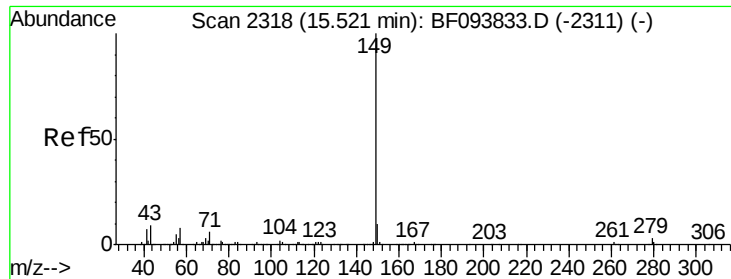
Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

279 3.0 1.9 2.9#





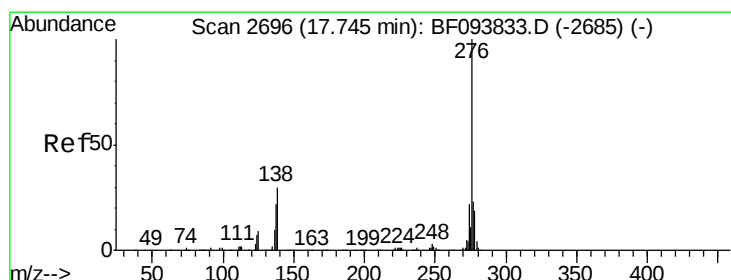
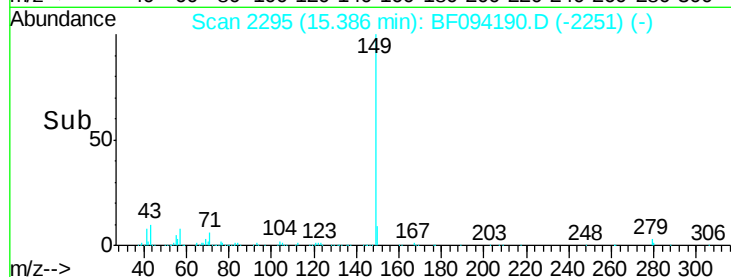
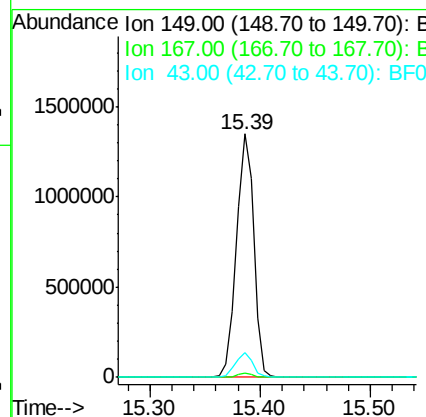
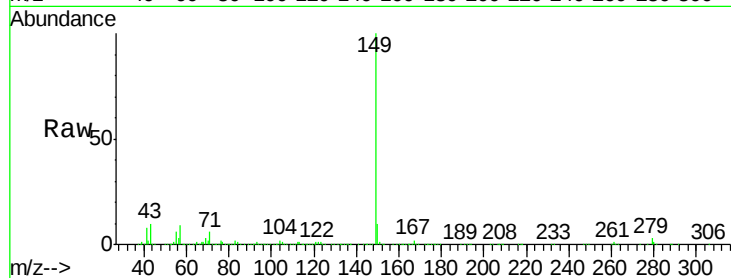
#84
Di-n-octyl phthalate
Concen: 47.03 ng
RT: 15.39 min Scan# 2295
Delta R.T. -0.04 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.7	8.5	12.7

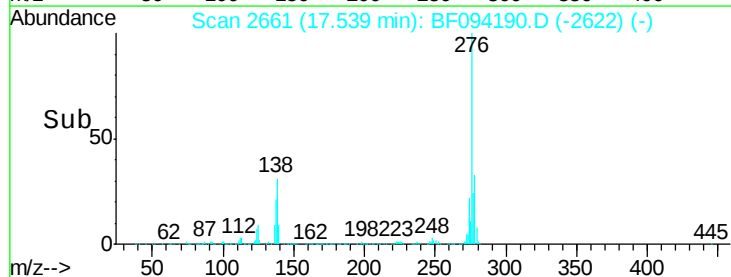
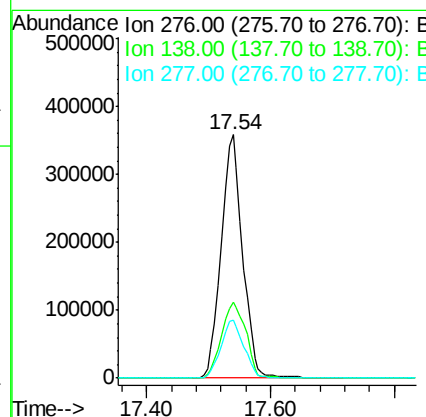
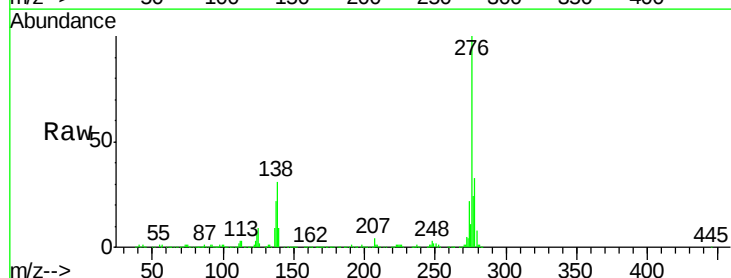
Manual Integrations
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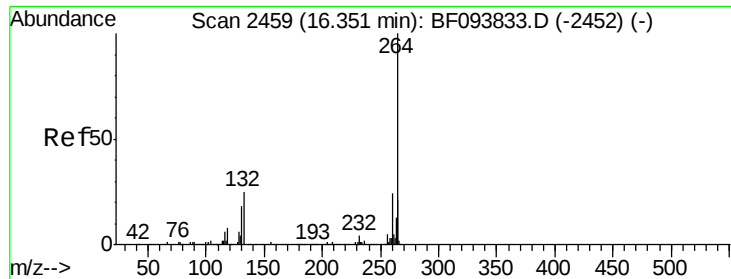
mohammad
4/6/2017 3:38:28 PM



#85
Indeno(1,2,3-cd)pyrene
Concen: 40.99 ng
RT: 17.54 min Scan# 2661
Delta R.T. -0.07 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	25.4	20.2	30.4





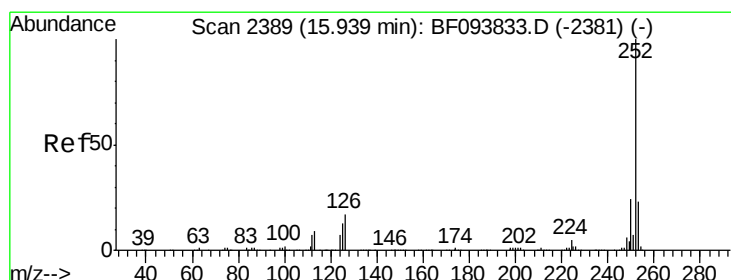
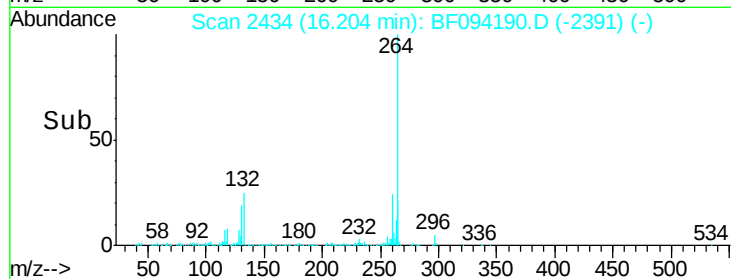
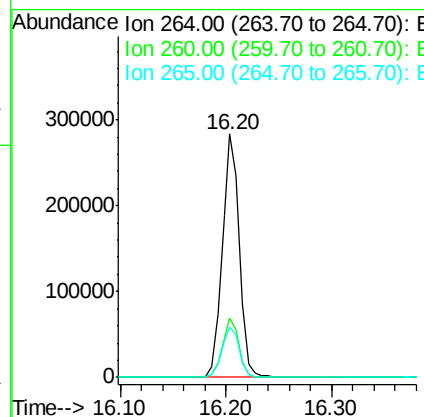
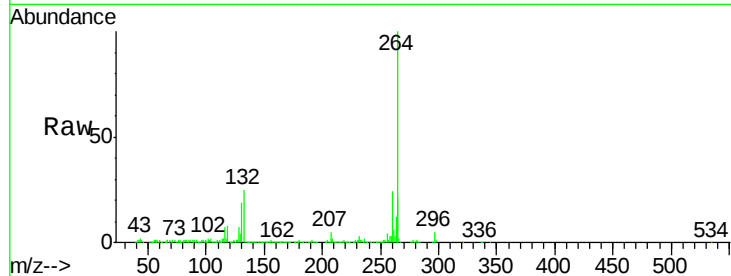
#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.20 min Scan# 2434
Delta R.T. -0.05 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.9	17.2	25.8

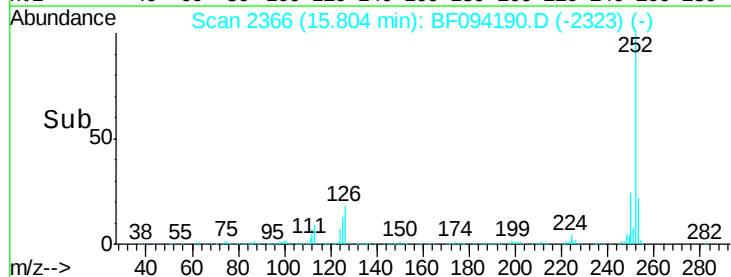
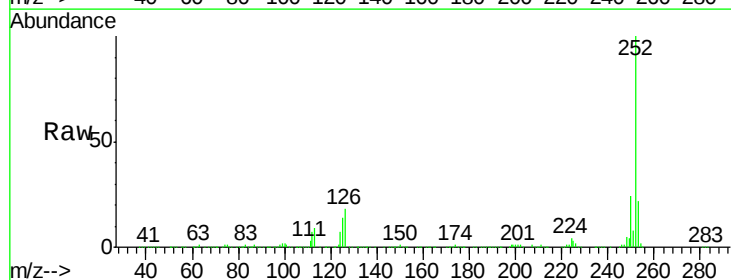
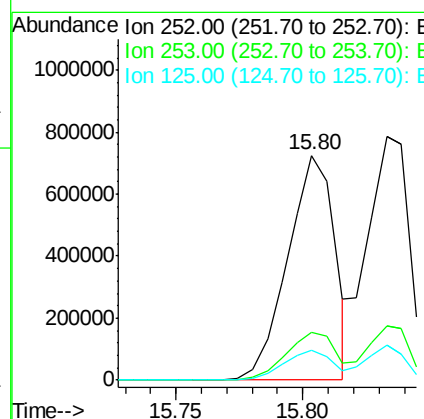
Manual Integrations
APPROVED

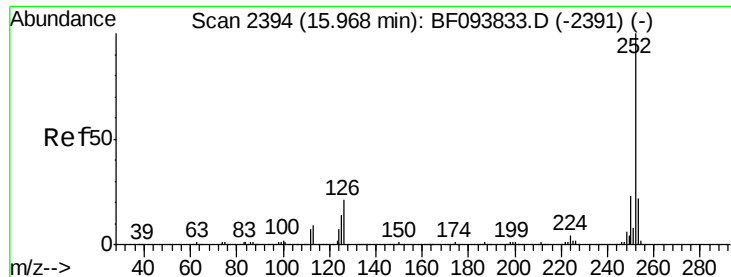
mohammad
4/6/2017 3:38:28 PM



#87
Benzo(b)fluoranthene
Concen: 47.48 ng
RT: 15.80 min Scan# 2366
Delta R.T. -0.05 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	13.6	9.8	14.8





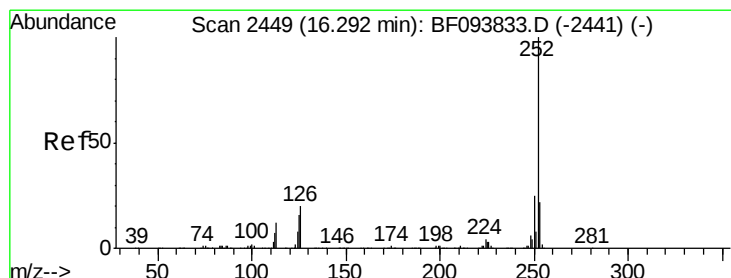
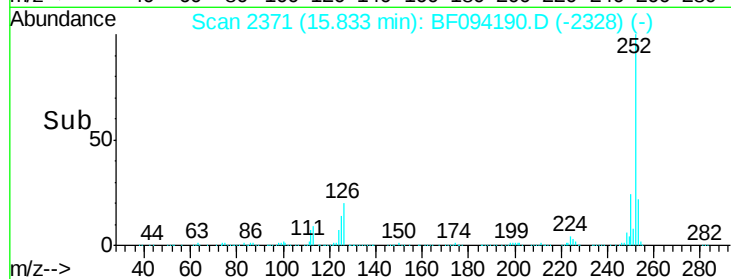
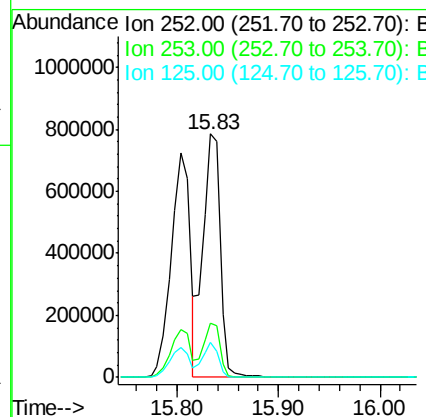
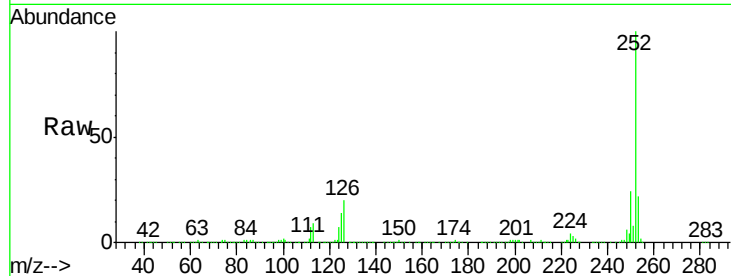
#88
Benzo(k)fluoranthene
Concen: 47.91 ng
RT: 15.83 min Scan# 2371
Delta R.T. -0.05 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	14.2	13.1	19.7

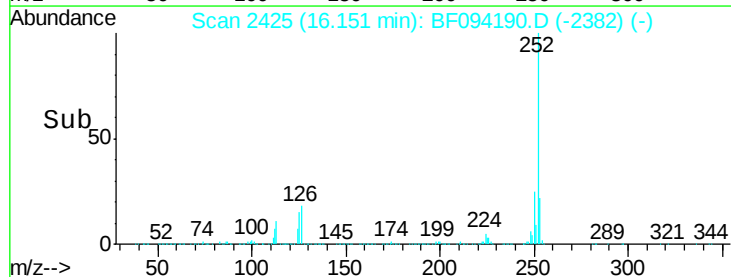
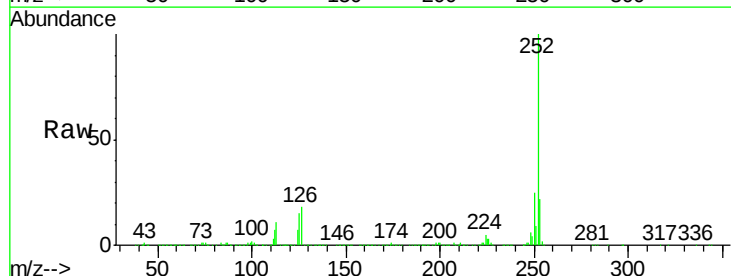
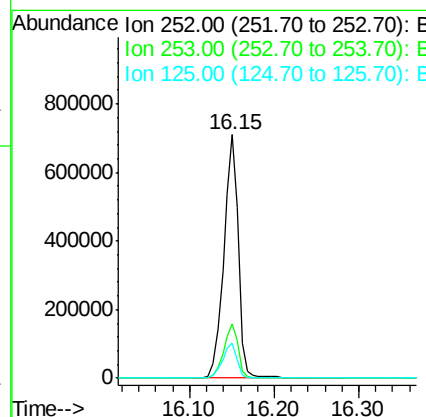
Manual Integrations
APPROVED

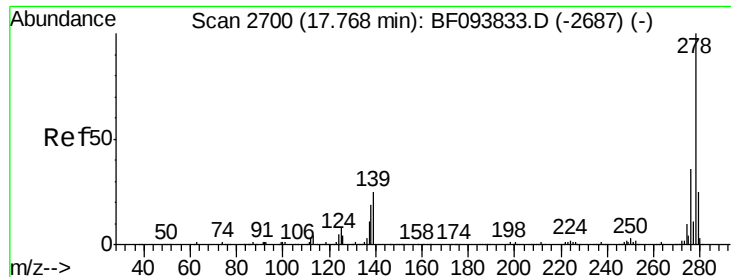
mohammad
4/6/2017 3:38:28 PM



#89
Benzo(a)pyrene
Concen: 46.85 ng
RT: 16.15 min Scan# 2425
Delta R.T. -0.05 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	14.6	11.0	16.4





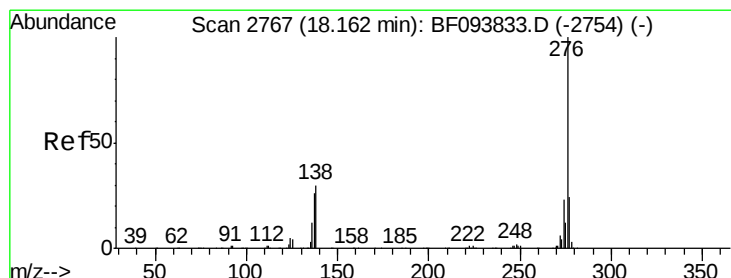
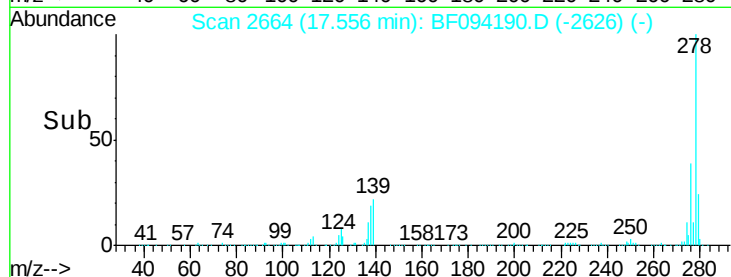
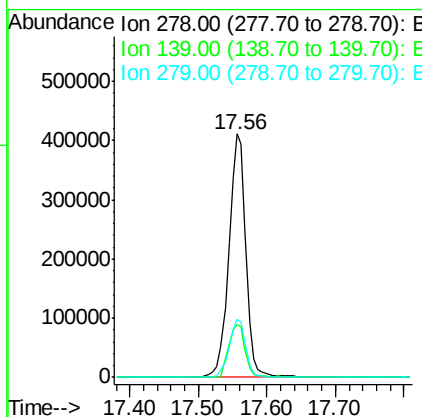
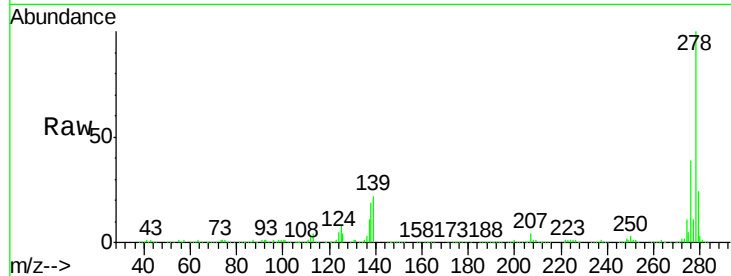
#90
Dibenzo(a,h)anthracene
Concen: 46.28 ng
RT: 17.56 min Scan# 2664
Delta R.T. -0.08 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.8	16.6	24.8
279	23.9	19.3	28.9

Manual Integrations
APPROVED

mohammad
4/6/2017 3:38:28 PM



#91
Benzo(g,h,i)perylene
Concen: 46.87 ng
RT: 17.93 min Scan# 2728
Delta R.T. -0.08 min
Lab File: BF094190.D
Acq: 5 Apr 2017 15:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	31.2	25.4	38.0

