

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
 Data File : BF094560.D
 Acq On : 21 Apr 2017 13:28
 Operator : SJ/MA
 Sample : PB98329BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

Manual Integrations
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mohammad
 4/24/2017 5:12:56 PM

Quant Time: Apr 24 00:41:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	90147	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	367668	20.00	ng	0.00
38) Acenaphthene-d10	9.39	164	177110	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	331397	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	269838	20.00	ng	0.00
86) Perylene-d12	16.08	264	199850	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.31	112	702533	129.29	ng	0.00
7) Phenol-d6	5.39	99	836985	130.66	ng	0.00
23) Nitrobenzene-d5	6.41	82	528129	88.70	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	192803	139.18	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1015019	84.32	ng	0.00
78) Terphenyl-d14	13.19	244	1017115	100.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	78659	24.89	ng	95
3) Pyridine	2.63	79	233985	33.88	ng	100
4) n-Nitrosodimethylamine	2.57	42	119357	41.77	ng	100
6) Aniline	5.39	93	285458	33.53	ng	# 84
8) 2-Chlorophenol	5.53	128	270302	43.72	ng	95
9) Benzaldehyde	5.25	77	38738	7.95	ng	97
10) Phenol	5.40	94	327500	41.62	ng	99
11) bis(2-Chloroethyl)ether	5.47	93	239173	41.60	ng	97
12) 1,3-Dichlorobenzene	5.69	146	283852	41.44	ng	98
13) 1,4-Dichlorobenzene	5.78	146	285913	41.49	ng	98
14) 1,2-Dichlorobenzene	5.95	146	269689	42.48	ng	98
15) Benzyl Alcohol	5.94	79	195449	41.13	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.09	45	309039	41.00	ng	63
17) 2-Methylphenol	6.08	107	210838	43.30	ng	# 91
18) Hexachloroethane	6.34	117	100061	42.35	ng	# 83
19) n-Nitroso-di-n-propylamine	6.25	70	180933	42.63	ng	97
20) 3+4-Methylphenols	6.27	107	297911	45.02	ng	# 63
22) Acetophenone	6.24	105	377763	42.26	ng	# 85
24) Nitrobenzene	6.43	77	267567	42.67	ng	95
25) Isophorone	6.72	82	471740	42.74	ng	95
26) 2-Nitrophenol	6.80	139	145294	43.13	ng	94
27) 2,4-Dimethylphenol	6.88	122	239211	43.72	ng	99
28) bis(2-Chloroethoxy)methane	6.98	93	301330	42.20	ng	100
29) 2,4-Dichlorophenol	7.11	162	229913	45.17	ng	99
30) 1,2,4-Trichlorobenzene	7.19	180	221989	42.18	ng	99
31) Naphthalene	7.28	128	751141	42.50	ng	100
32) Benzoic acid	7.08	122	149355	51.62	ng	92
33) 4-Chloroaniline	7.35	127	153083	20.82	ng	# 91
34) Hexachlorobutadiene	7.44	225	111543	42.51	ng	100
35) Caprolactam	7.82	113	79974m	50.01	ng	
36) 4-Chloro-3-methylphenol	7.98	107	245043	45.93	ng	89
37) 2-Methylnaphthalene	8.12	142	534798	44.23	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	203681	40.39	ng	99
40) Hexachlorocyclopentadiene	8.31	237	199420	97.74	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	155685	43.96	nq	96
43) 2,4,5-Trichlorophenol	8.54	196	164302	45.17	nq	# 93
45) 1,1'-Biphenyl	8.70	154	611702	42.27	nq	99
46) 2-Chloronaphthalene	8.71	162	492111	42.77	nq	96
47) 2-Nitroaniline	8.85	65	145226	43.88	nq	88
48) Acenaphthylene	9.21	152	773054	43.10	nq	99
49) Dimethylphthalate	9.09	163	611866	46.36	nq	99
50) 2,6-Dinitrotoluene	9.15	165	137124	46.29	nq	# 83
51) Acenaphthene	9.43	154	467829	43.55	nq	99
52) 3-Nitroaniline	9.36	138	69115	20.16	nq	90
53) 2,4-Dinitrophenol	9.50	184	139327	86.19	nq	# 73
54) Dibenzofuran	9.64	168	693118	44.39	nq	95
55) 4-Nitrophenol	9.63	139	184835m	76.33	nq	
56) 2,4-Dinitrotoluene	9.65	165	181827	50.02	nq	# 86
57) Fluorene	10.07	166	548578	45.12	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.81	232	127404	48.87	nq	99
59) Diethylphthalate	9.95	149	608015	48.82	nq	99
60) 4-Chlorophenyl-phenylether	10.07	204	232452	45.94	nq	93
61) 4-Nitroaniline	10.12	138	141427	40.59	nq	95
62) Azobenzene	10.27	77	568198	46.99	nq	97
64) 4,6-Dinitro-2-methylphenol	10.16	198	99297	45.73	nq	# 69
65) n-Nitrosodiphenylamine	10.22	169	514328	44.63	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	144931	44.04	nq	96
67) Hexachlorobenzene	10.74	284	142888	43.09	nq	# 88
68) Atrazine	10.90	200	152325	44.18	nq	95
69) Pentachlorophenol	11.00	266	156088	118.54	nq	98
70) Phenanthrene	11.24	178	845136	45.29	nq	98
71) Anthracene	11.31	178	879800	45.58	nq	98
72) Carbazole	11.51	167	839514	46.34	nq	98
73) Di-n-butylphthalate	11.97	149	1007297	50.49	nq	98
74) Fluoranthene	12.70	202	902432	46.66	nq	98
76) Benzidine	12.88	184	247658	22.67	nq	# 94
77) Pyrene	12.98	202	914347	48.50	nq	100
79) Butylbenzylphthalate	13.80	149	442916	53.61	nq	88
80) Benzo(a)anthracene	14.45	228	729401	46.51	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	163259	29.41	nq	# 96
82) Chrysene	14.49	228	659680	46.02	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	631410	56.92	nq	# 100
84) Di-n-octyl phthalate	15.27	149	981657	52.76	nq	98
85) Indeno(1,2,3-cd)pyrene	17.36	276	578731	42.43	nq	98
87) Benzo(b)fluoranthene	15.68	252	615424	50.34	nq	98
88) Benzo(k)fluoranthene	15.71	252	521009	45.03	nq	96
89) Benzo(a)pyrene	16.02	252	534256	46.97	nq	98
90) Dibenzo(a,h)anthracene	17.38	278	479751	50.80	nq	97
91) Benzo(g,h,i)perylene	17.73	276	490297	50.99	nq	98

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

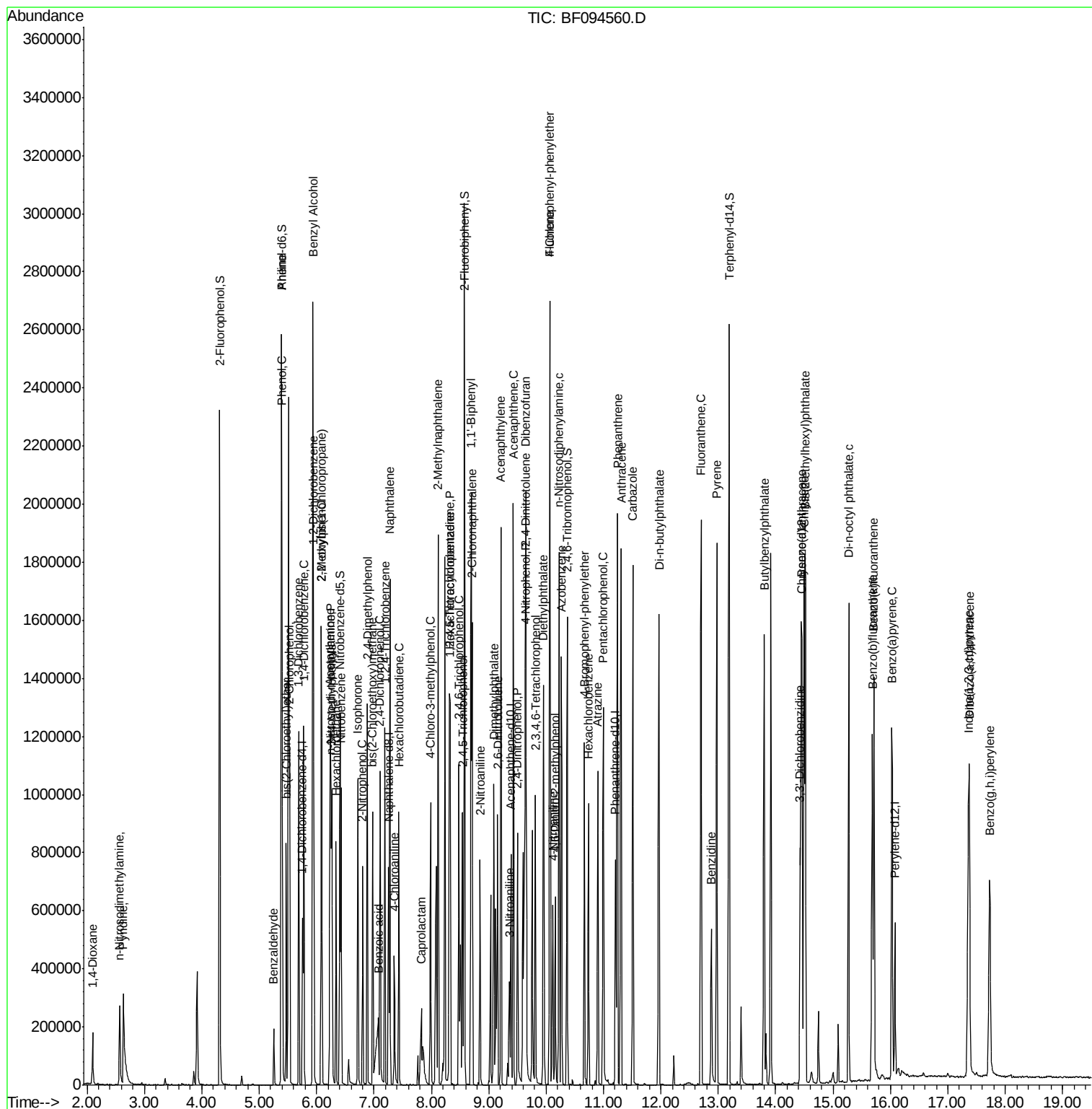
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042117\
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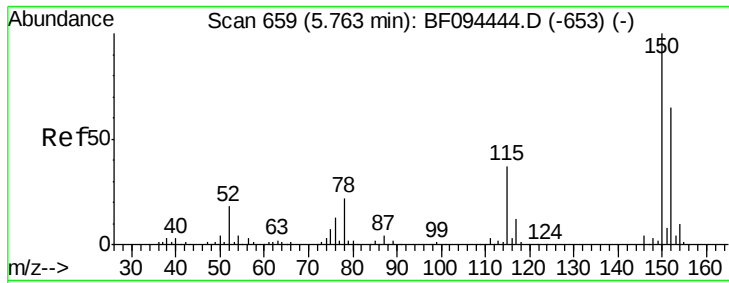
Instrument :
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#1

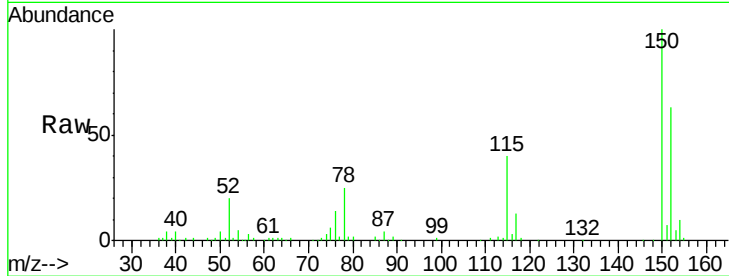
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

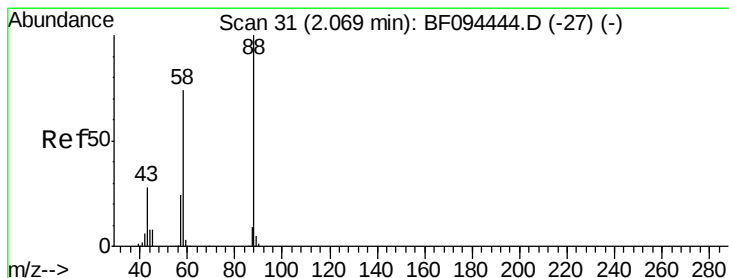
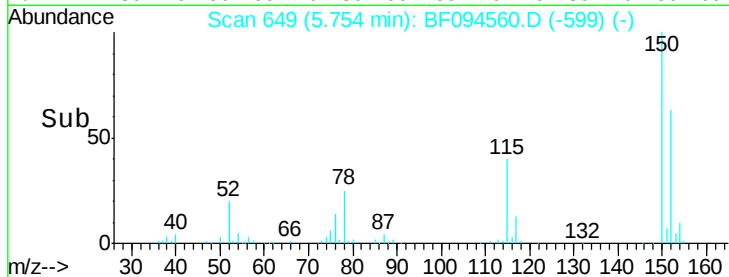
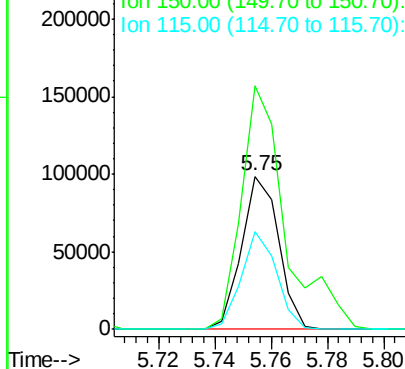
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.2	189.2
115	64.0	52.2	78.2

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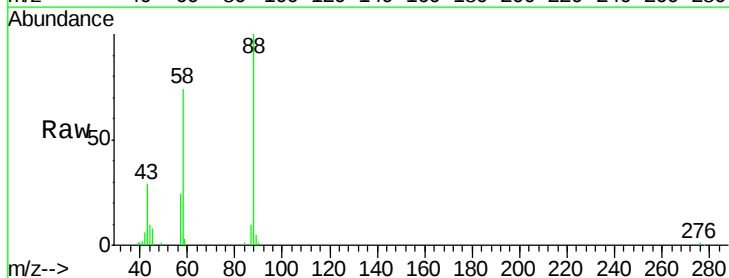
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



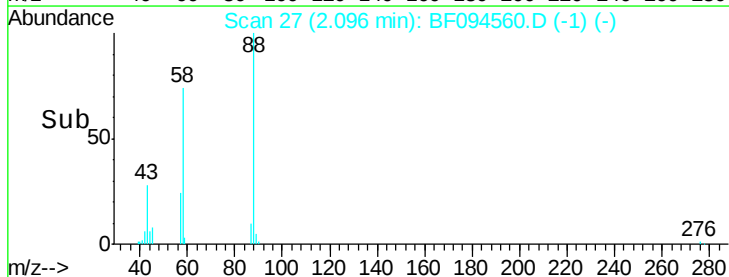
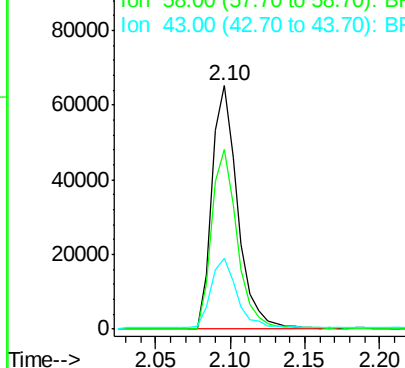
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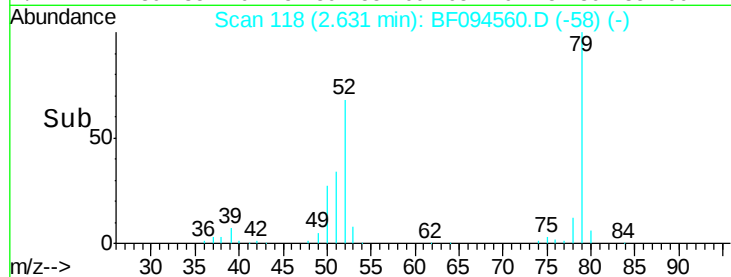
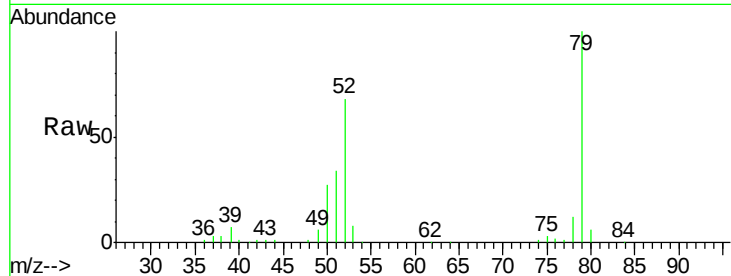
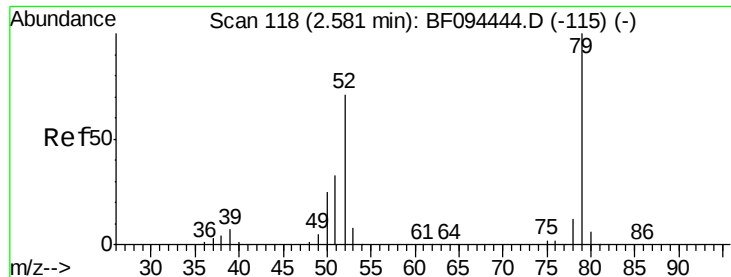
1,4-Dioxane
Concen: 24.89 ng
RT: 2.10 min Scan# 27
Delta R.T. 0.03 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.6	61.4	92.0
43	33.2	23.4	35.0



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





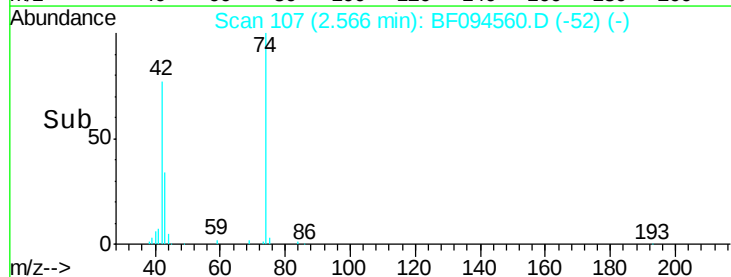
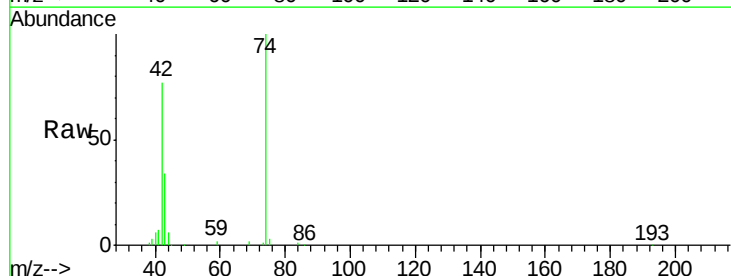
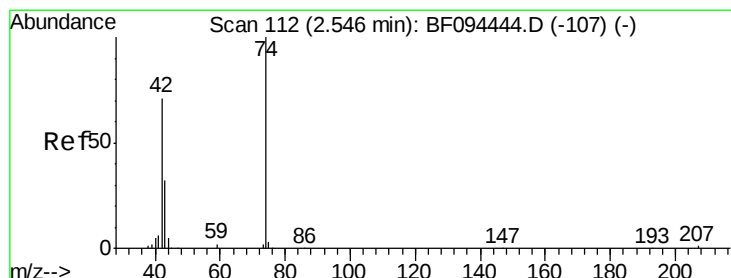
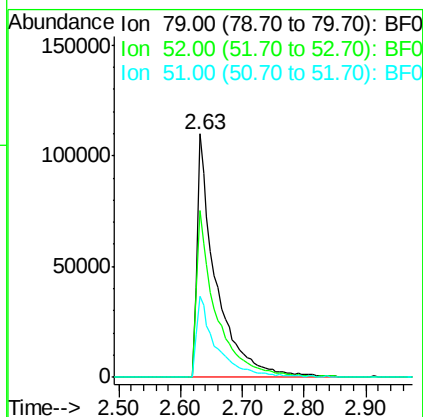
#3
 Pvridine
 Concen: 33.88 ng
 RT: 2.63 min Scan# 118
 Delta R.T. 0.05 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tot Ion	Ratio	Resp	Lower	Upper
79	100	233985		
52	68.4		54.8	82.2
51	33.5		27.0	40.4

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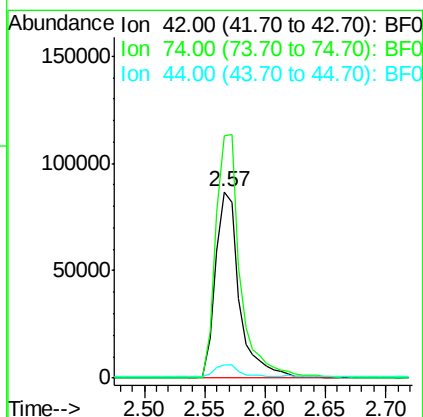
Manual Integrations
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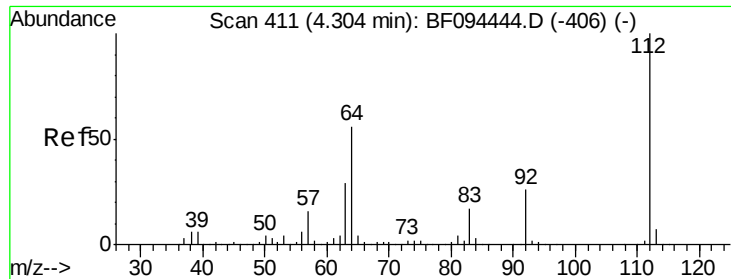
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#4
 n-Nitrosodimethylamine
 Concen: 41.77 ng
 RT: 2.57 min Scan# 107
 Delta R.T. 0.02 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	119357		
74	129.9		103.9	155.9
44	7.4		5.7	8.5





#5

2-Fluorophenol

Concen: 129.29 ng

RT: 4.31 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

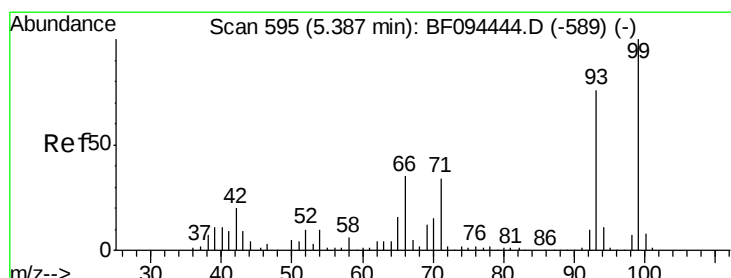
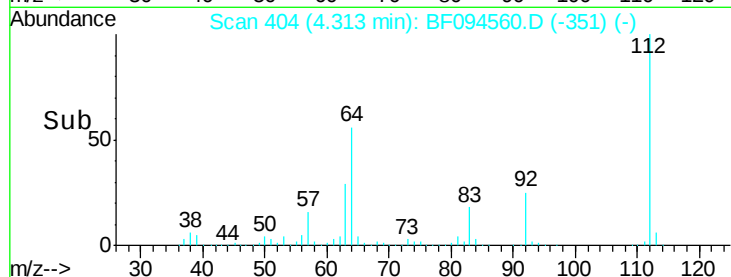
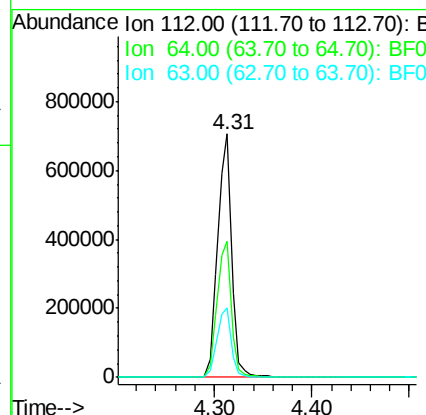
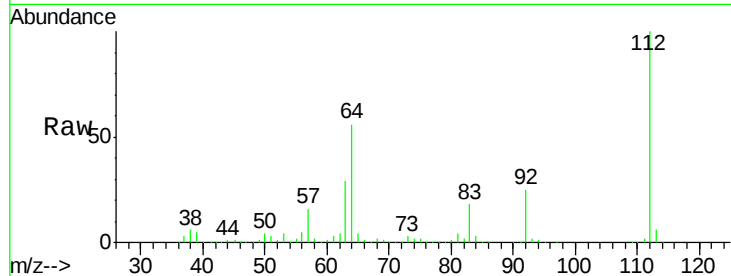
ClientSampleId :

PB98329BS

Tot Ion:	112	Resp:	702533
Ion Ratio	Lower	Upper	
112	100		
64	55.8	46.0	69.0
63	28.7	23.4	35.0

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#6

Aniline

Concen: 33.53 ng

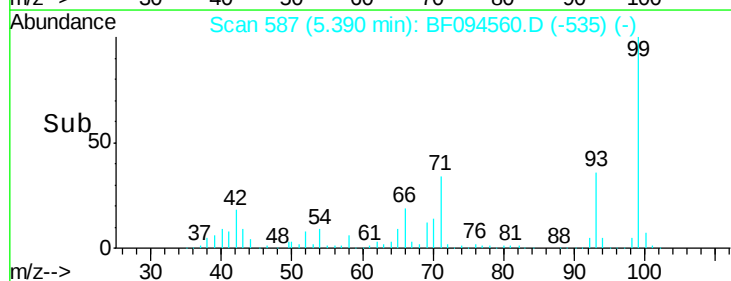
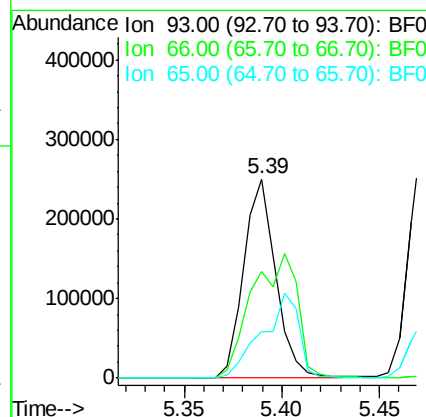
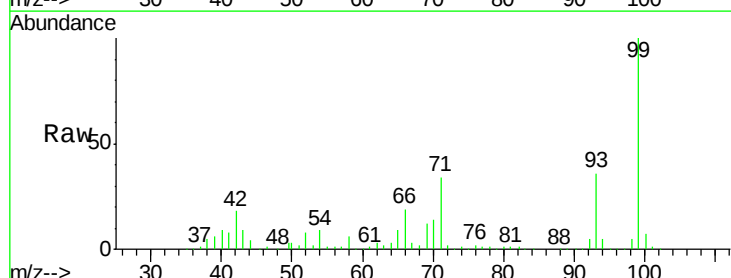
RT: 5.39 min Scan# 587

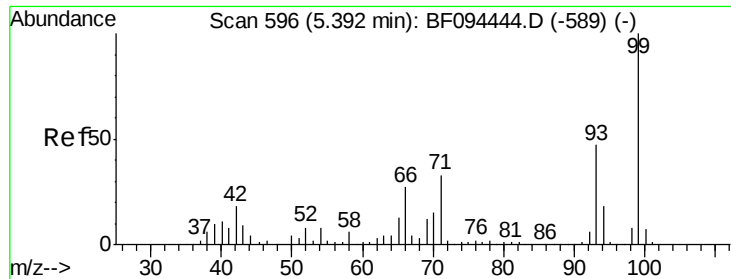
Delta R.T. 0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Tgt Ion:	93	Resp:	285458
Ion Ratio	Lower	Upper	
93	100		
66	53.8	32.9	49.3#
65	23.7	16.0	24.0





#7

Phenol-d6

Concen: 130.66 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

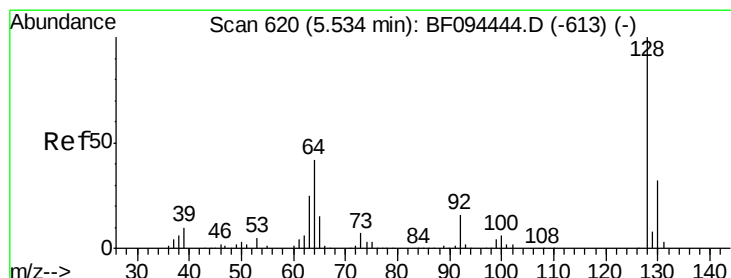
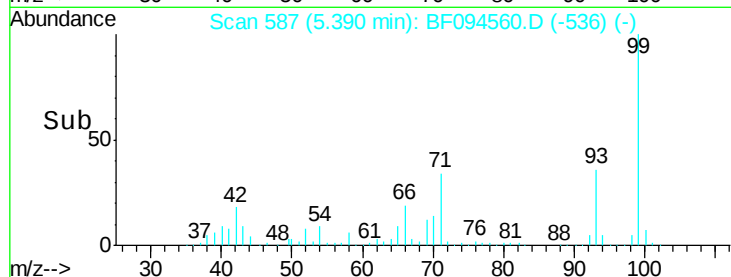
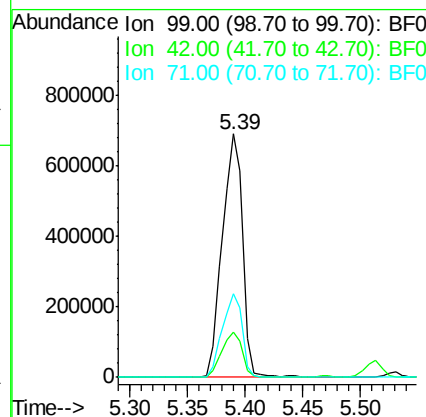
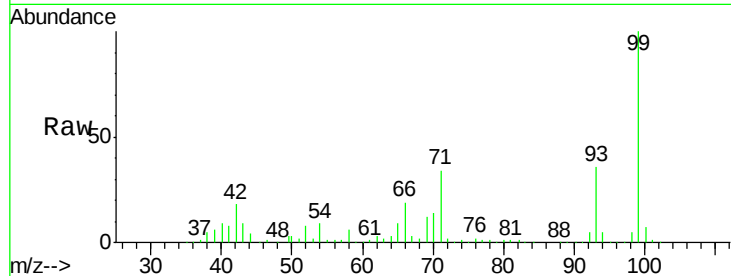
ClientSampleId :

PB98329BS

Tot Ion:	99	Resp:	836985
Ion Ratio	Lower	Upper	
99	100		
42	18.4	13.5	20.3
71	34.4	24.5	36.7

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#8

2-Chlorophenol

Concen: 43.72 ng

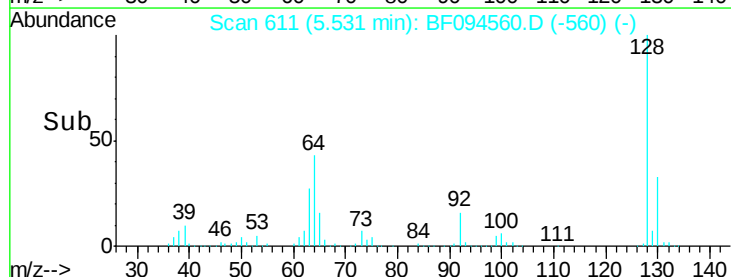
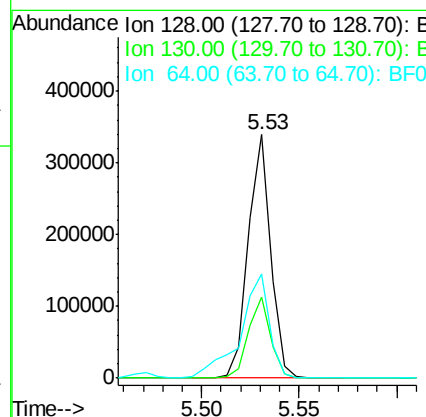
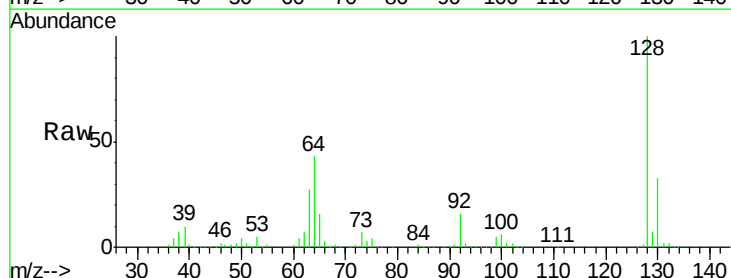
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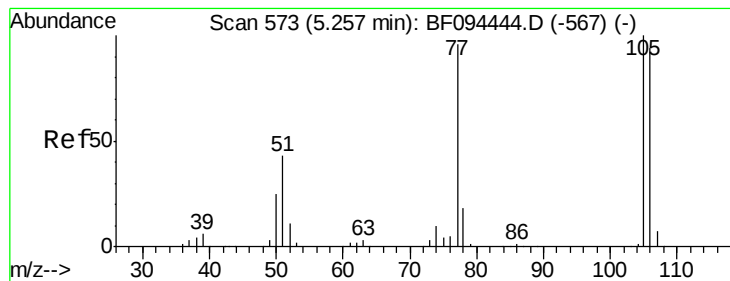
Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Tgt Ion:	128	Resp:	270302
Ion Ratio	Lower	Upper	
128	100		
130	33.3	12.9	52.9
64	42.9	28.4	68.4





#9

Benzaldehyde

Concen: 7.95 ng

RT: 5.25 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleID :

PB98329BS

Tot Ion: 77 Resp: 38738

Ion Ratio Lower Upper

77 100

105 101.2 83.8 123.8

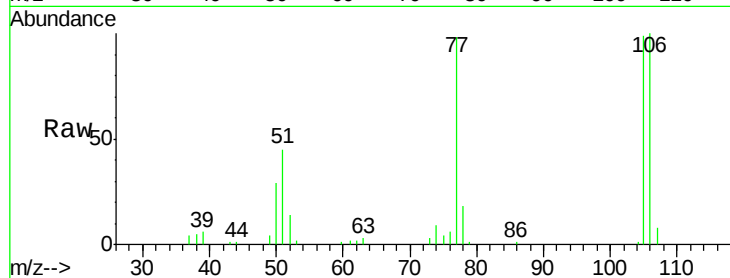
106 102.1 79.1 119.1

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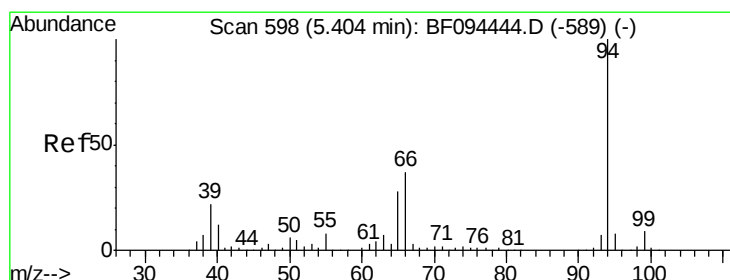
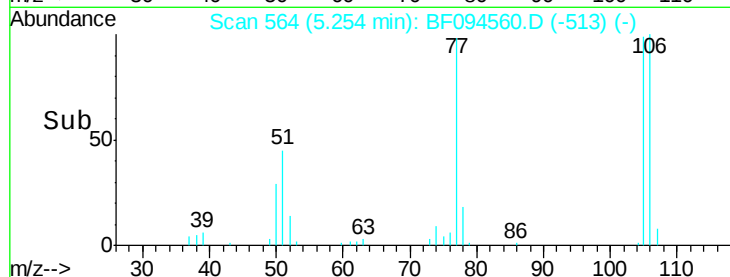
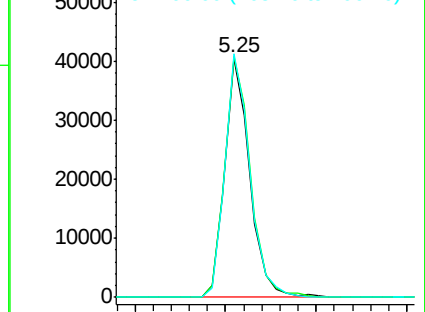
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.62 ng

RT: 5.40 min Scan# 589

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

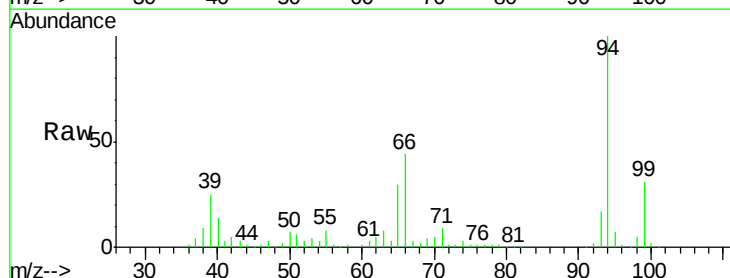
Tgt Ion: 94 Resp: 327500

Ion Ratio Lower Upper

94 100

65 30.1 9.9 49.9

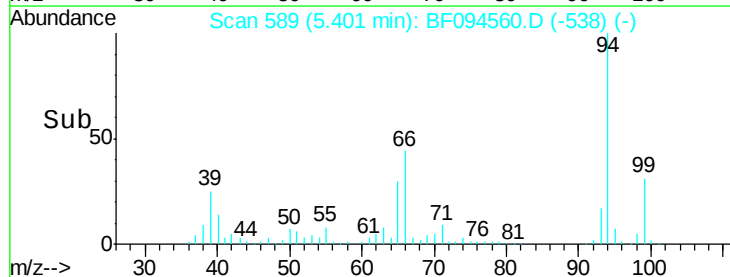
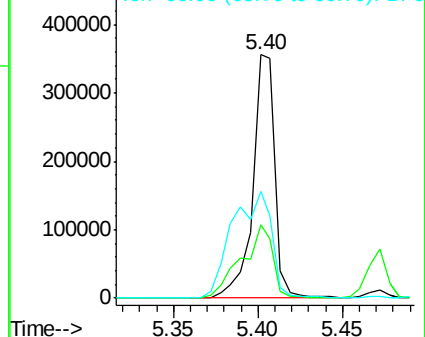
66 44.0 23.1 63.1

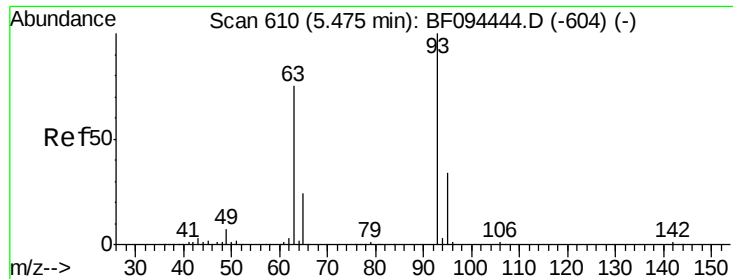


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





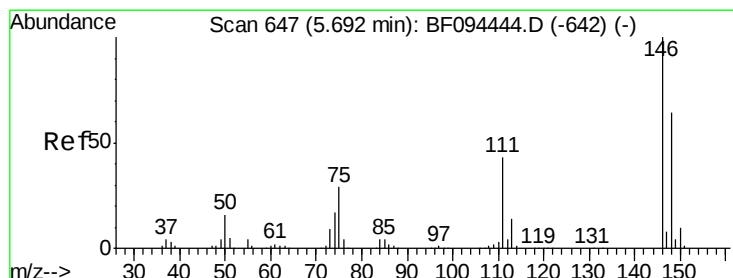
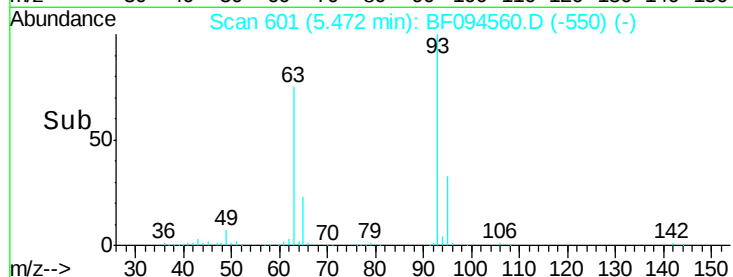
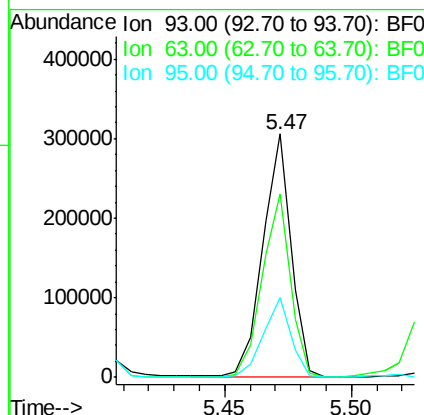
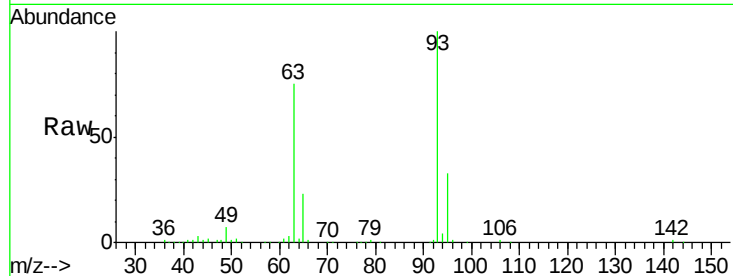
#11
bis(2-Chloroethyl)ether
Concen: 41.60 ng
RT: 5.47 min Scan# 601
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		239173		
63	75.3		59.2	99.2	
95	32.7		12.8	52.8	

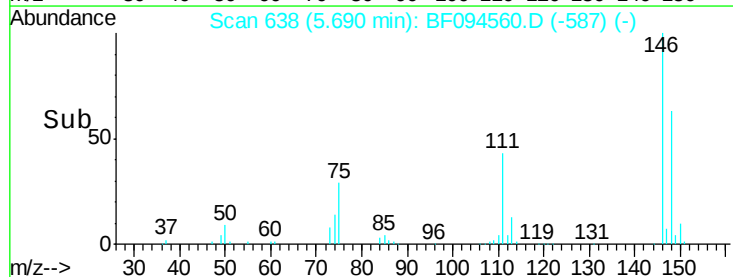
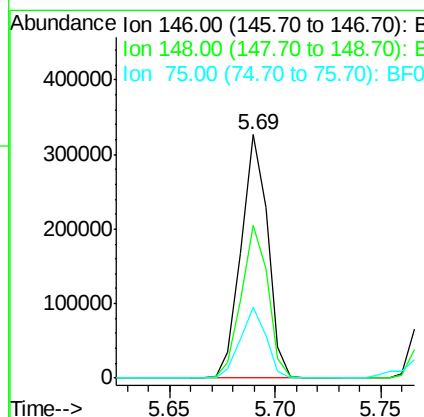
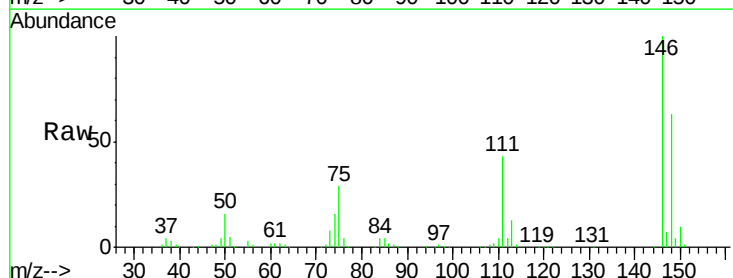
Manual Integrations
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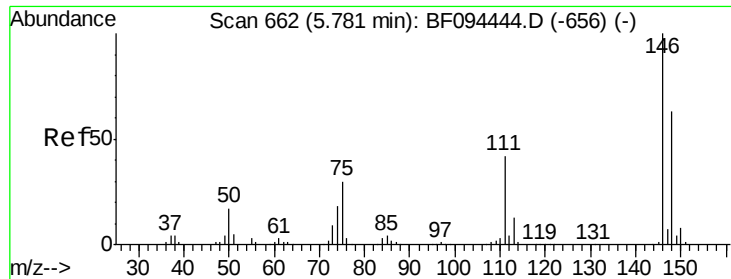
mohammad
4/24/2017 5:12:56 PM



#12
1,3-Dichlorobenzene
Concen: 41.44 ng
RT: 5.69 min Scan# 638
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		283852		
148	62.6		51.8	77.6	
75	29.2		23.1	34.7	





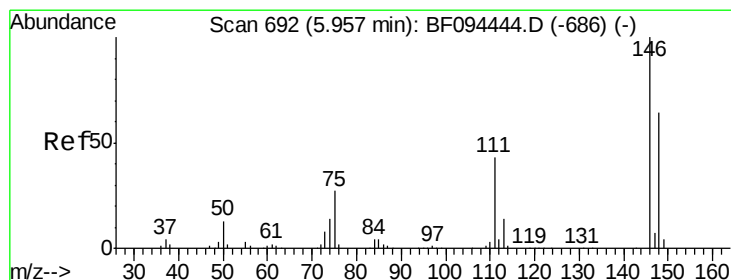
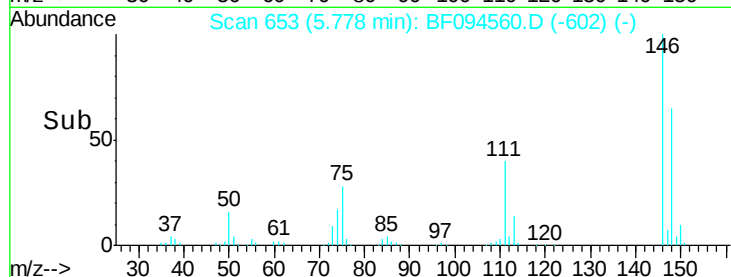
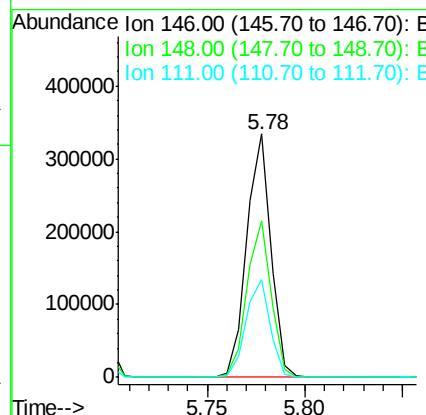
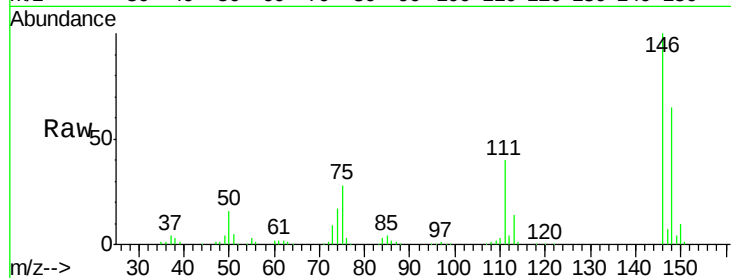
#13
 1,4-Dichlorobenzene
 Concen: 41.49 ng
 RT: 5.78 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	39.9	30.3	45.5

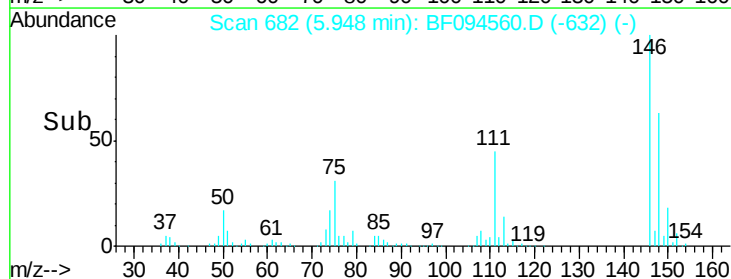
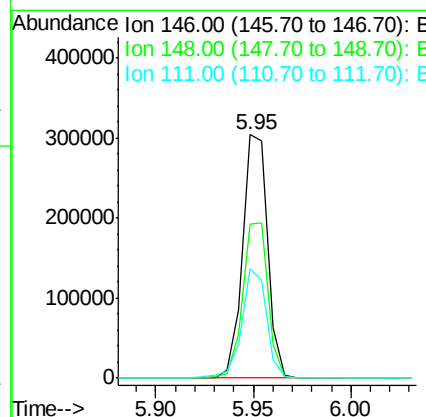
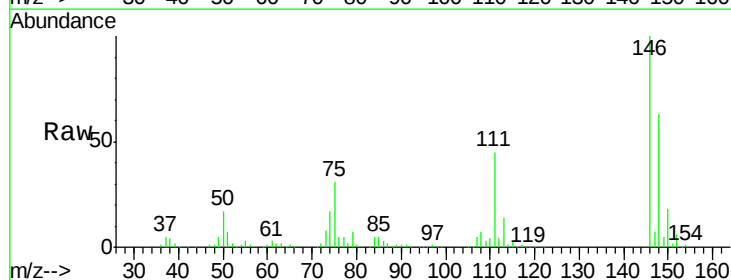
Manual Integrations
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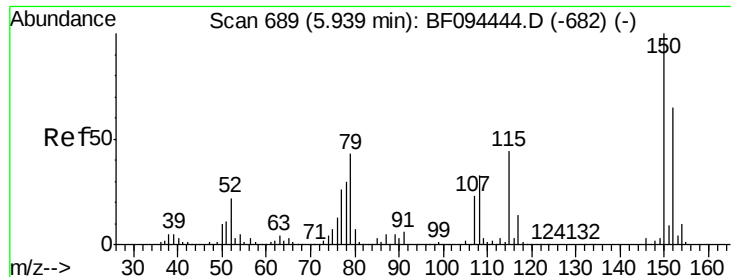
mohammad
 4/24/2017 5:12:56 PM



#14
 1,2-Dichlorobenzene
 Concen: 42.48 ng
 RT: 5.95 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.4	75.6
111	44.9	38.2	57.4





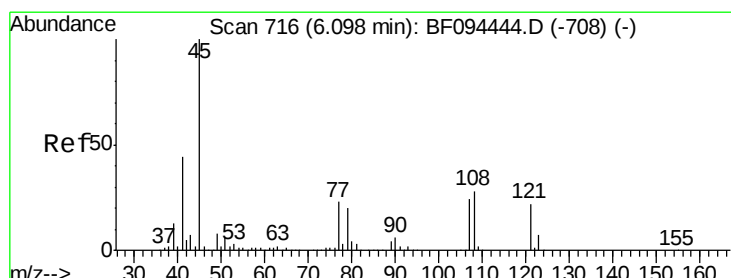
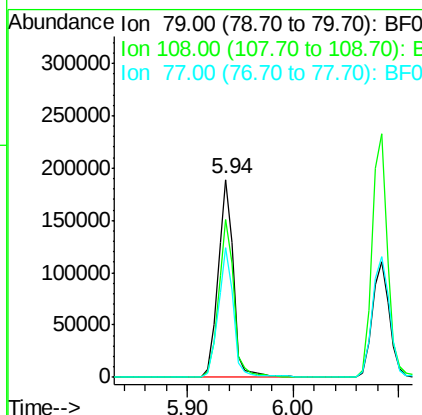
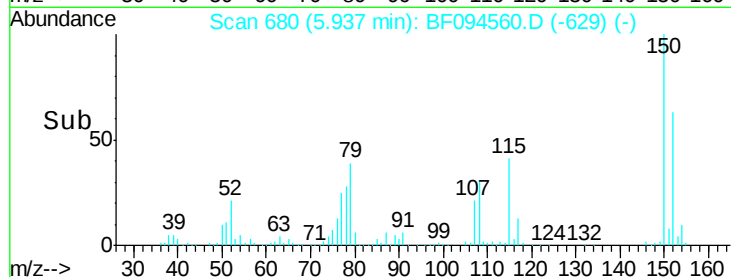
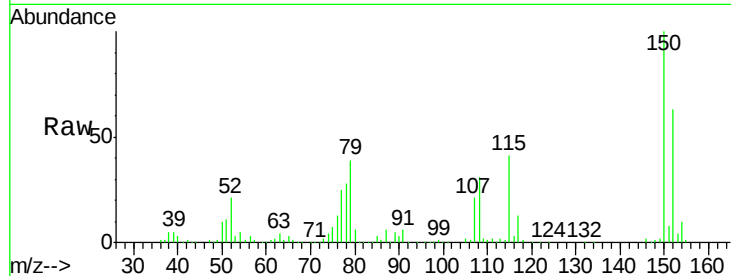
#15
Benzyl Alcohol
Concen: 41.13 ng
RT: 5.94 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	80.0	63.4	95.0		
77	65.6	49.2	73.8		

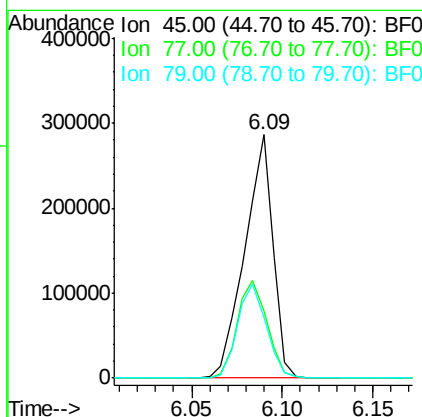
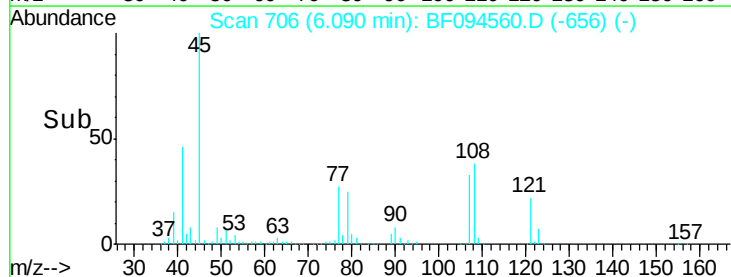
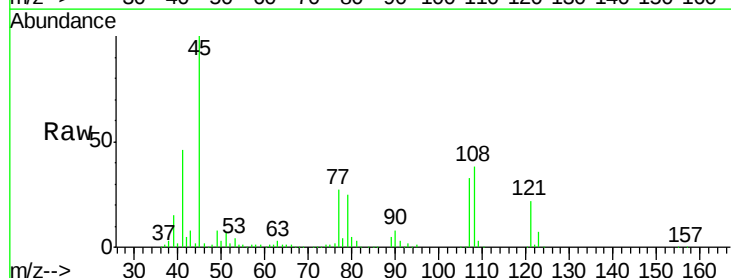
Manual Integrations
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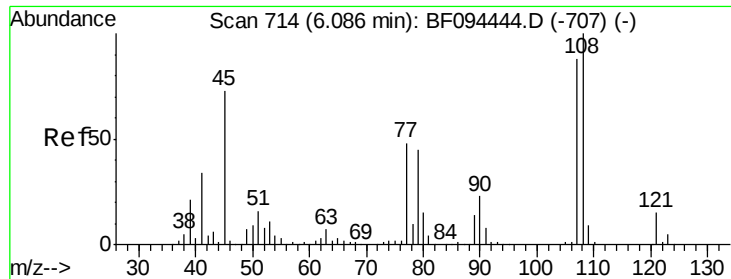
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.00 ng
RT: 6.09 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	27.3	0.0	33.2		
79	24.8	0.0	30.0		





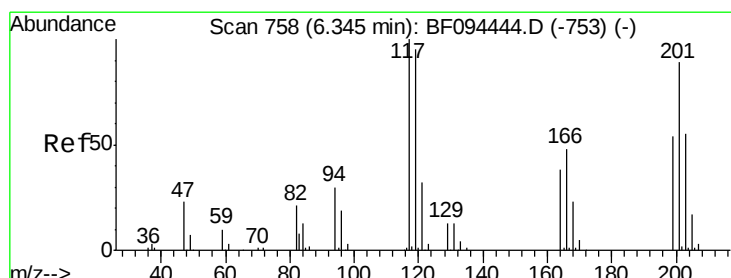
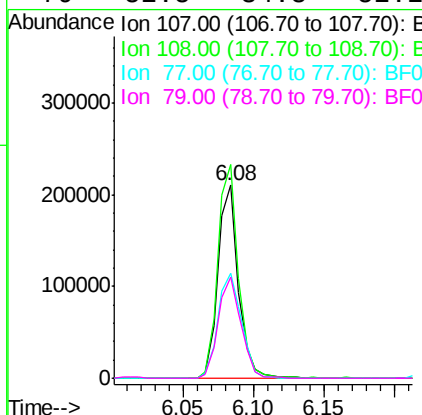
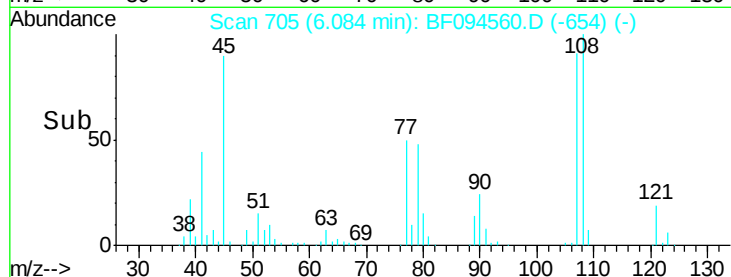
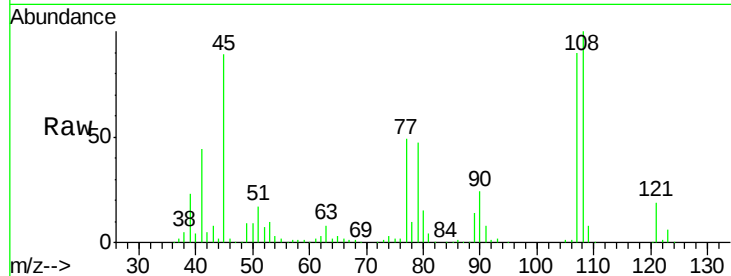
#17
2-Methylphenol
Concen: 43.30 ng
RT: 6.08 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.6	93.4	140.0	
77	54.6	35.8	53.6#	
79	52.5	34.8	52.2#	

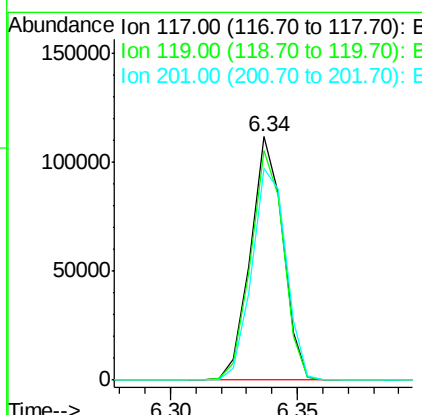
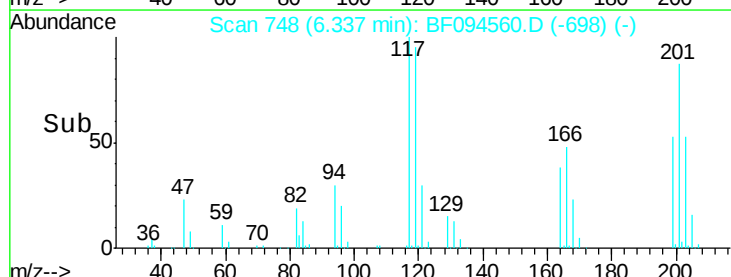
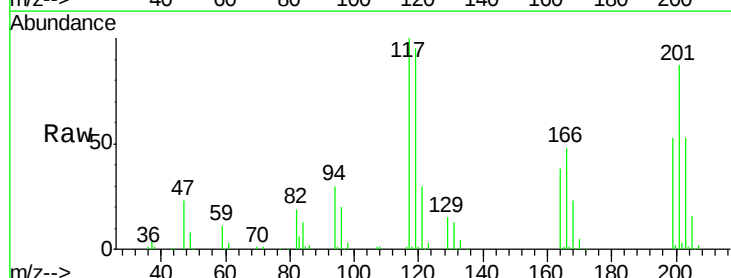
Manual Integrations
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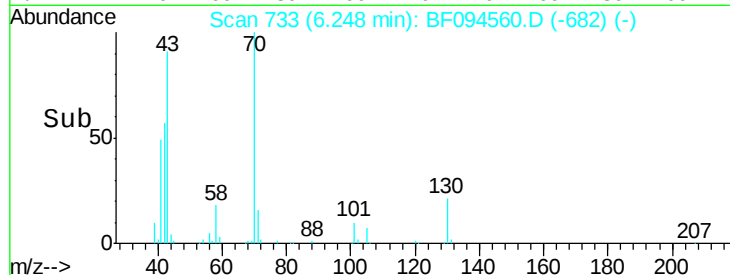
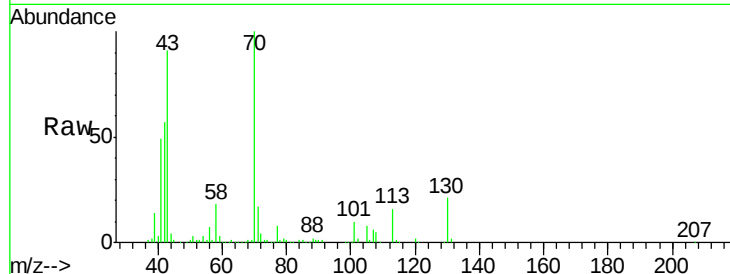
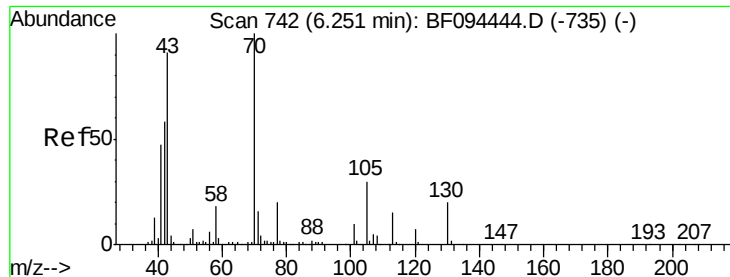
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#18
Hexachloroethane
Concen: 42.35 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.5	77.4	116.0	
201	87.0	94.6	141.8#	





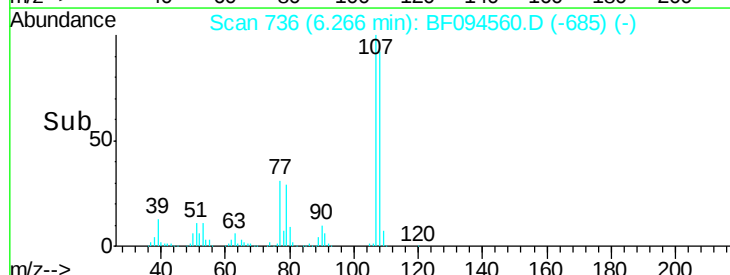
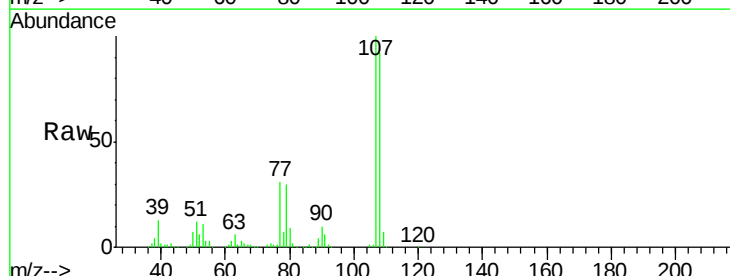
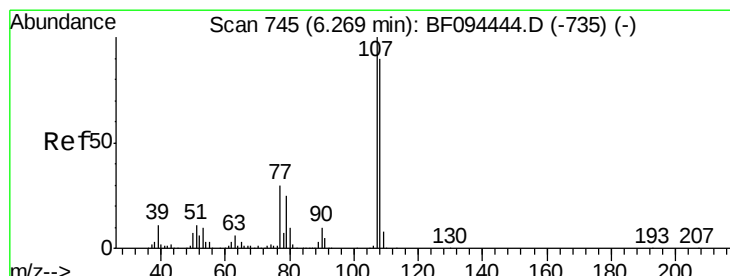
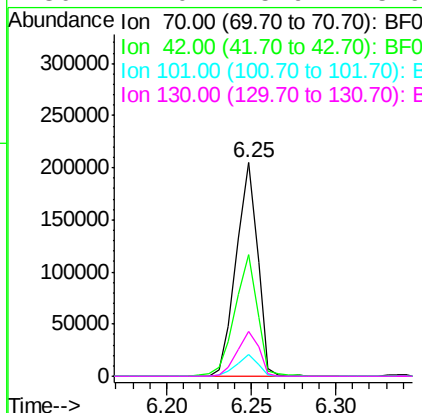
#19
n-Nitroso-di-n-propylamine
Concen: 42.63 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.0	47.2	70.8	
101	10.2	7.2	10.8	
130	21.0	15.9	23.9	

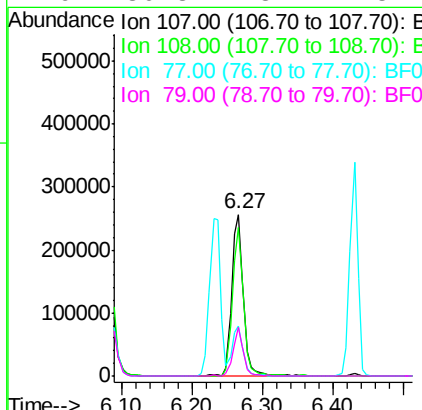
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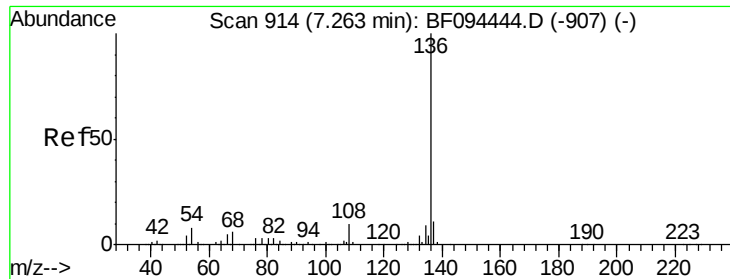
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#20
3+4-Methylphenols
Concen: 45.02 ng
RT: 6.27 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.8	71.0	111.0	
77	31.3	90.5	130.5#	
79	30.3	8.4	48.4	





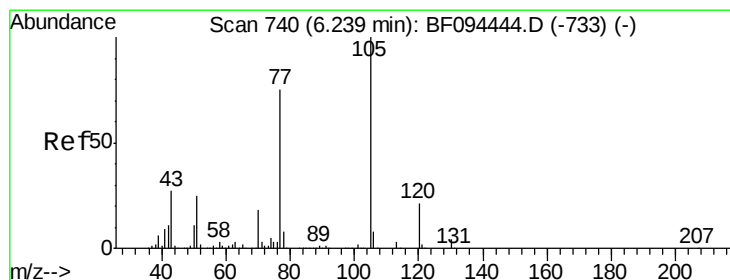
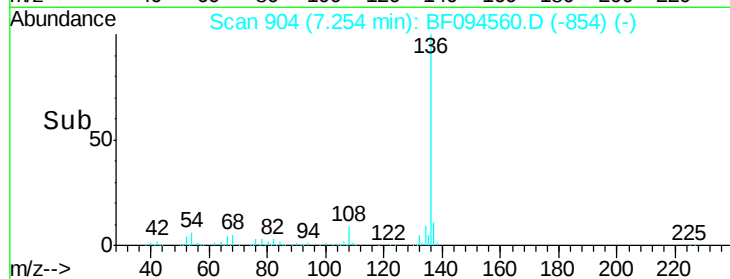
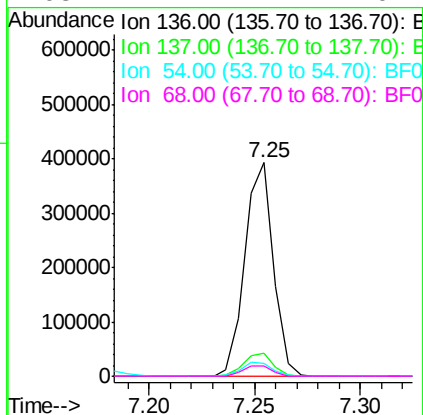
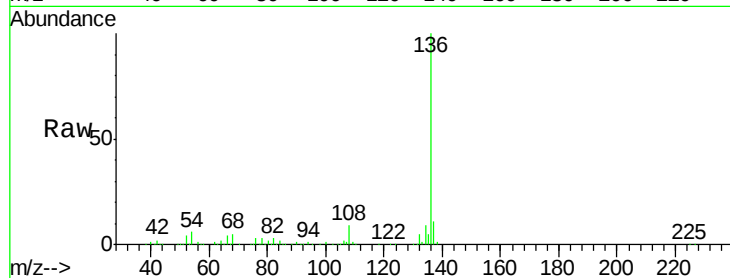
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.25 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	367668		
137	10.9		8.5	12.7
54	6.2		4.9	7.3
68	4.7		4.1	6.1

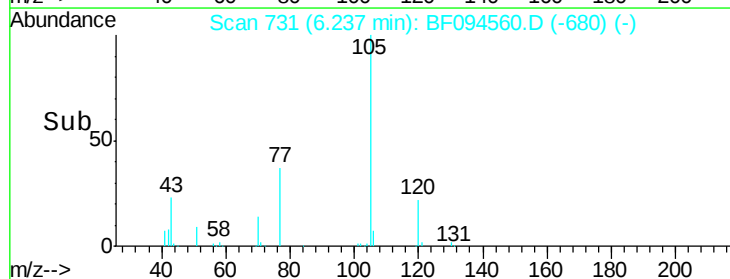
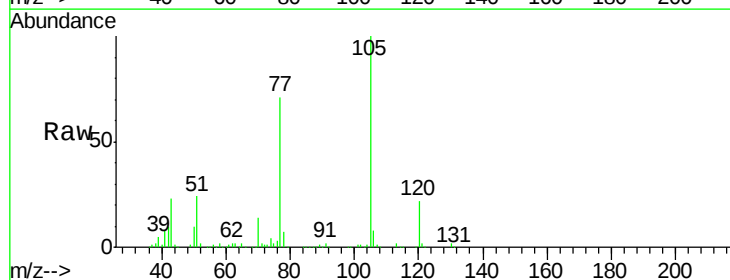
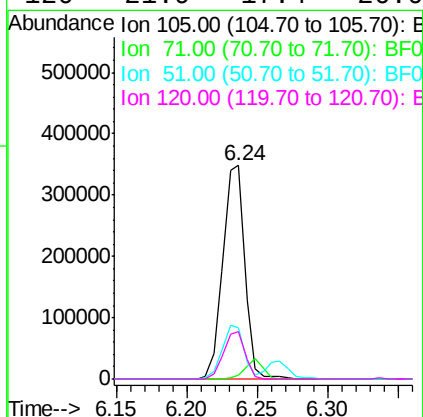
Manual Integrations
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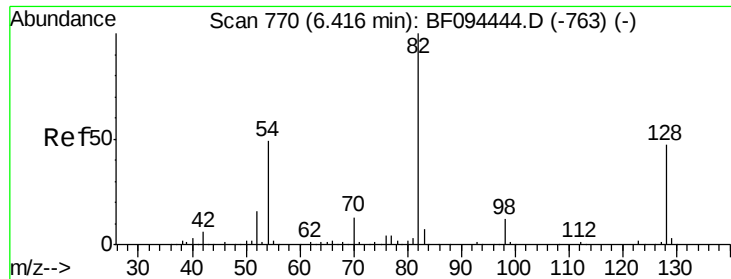
mohammad
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#22
Acetophenone
Concen: 42.26 ng
RT: 6.24 min Scan# 731
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	377763		
71	2.1		2.8	4.2#
51	23.8		30.7	46.1#
120	21.9		17.4	26.0





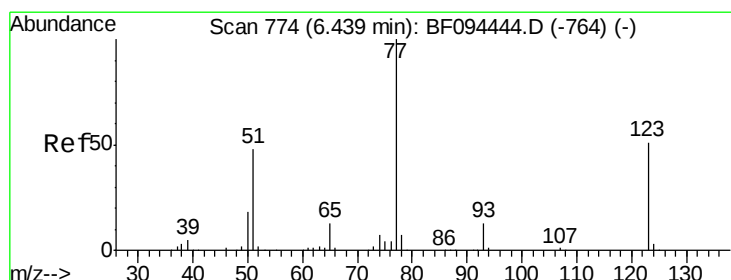
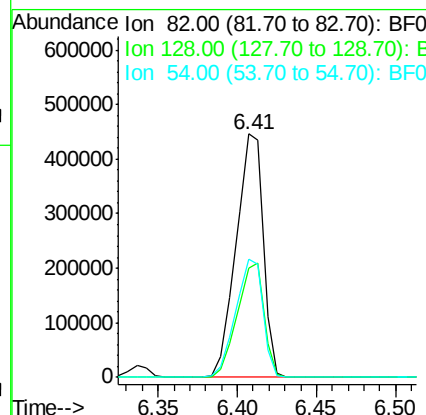
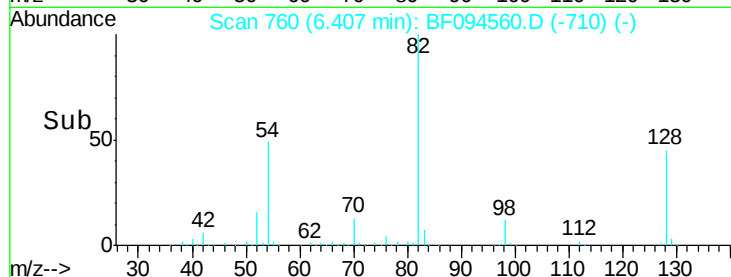
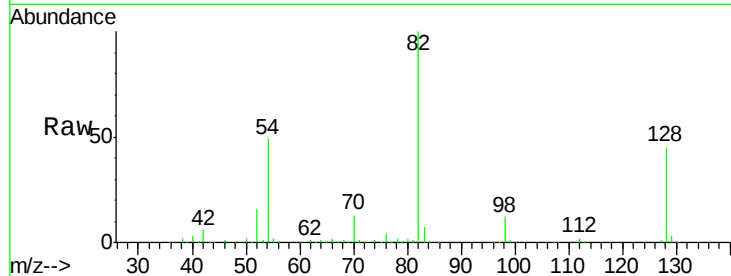
#23
 Nitrobenzene-d5
 Concen: 88.70 ng
 RT: 6.41 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.1	34.0	51.0	
54	48.5	42.2	63.2	

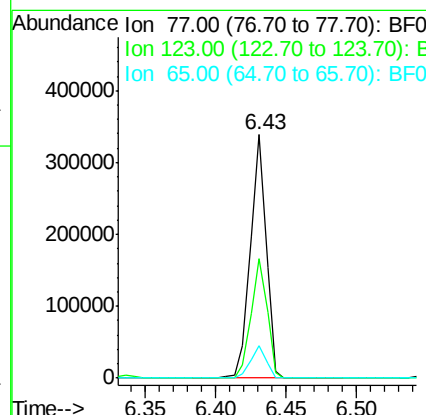
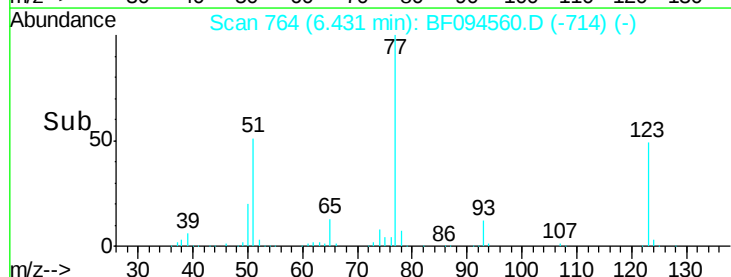
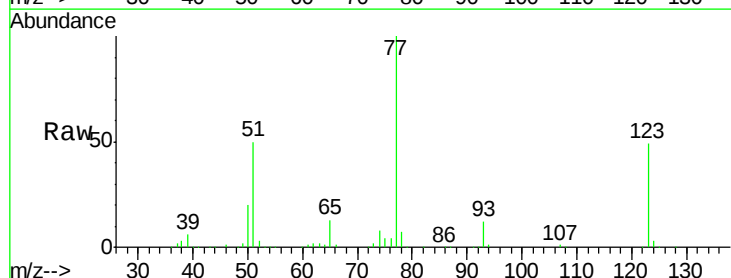
Manual Integrations
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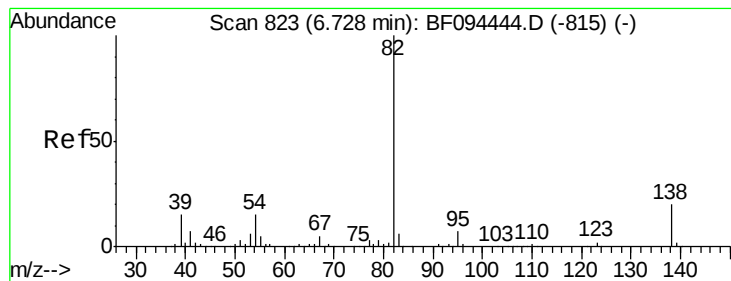
mohammad
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#24
 Nitrobenzene
 Concen: 42.67 ng
 RT: 6.43 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.1	35.8	53.8	
65	13.1	10.6	15.8	





#25

Isophorone

Concen: 42.74 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

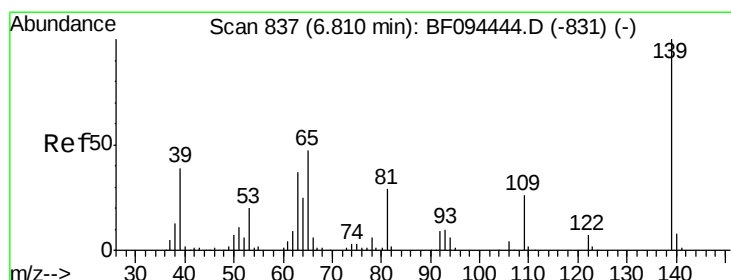
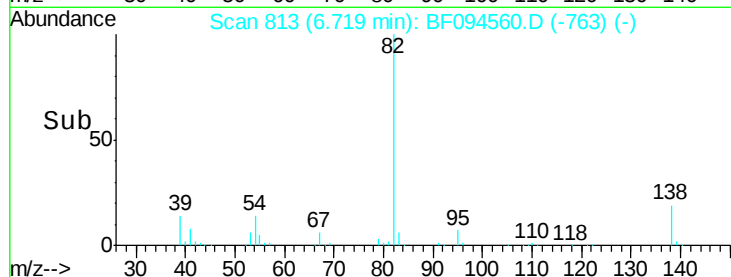
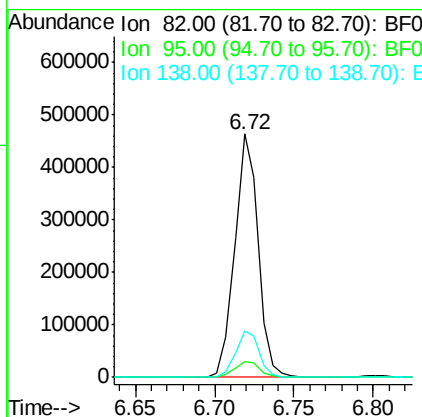
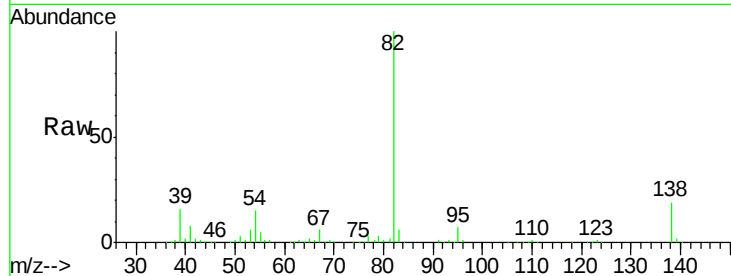
ClientSampleId :

PB98329BS

Tot Ion:	82	Resp:	471740
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.1	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.13 ng

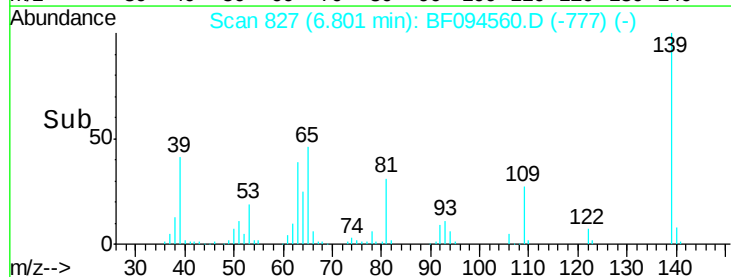
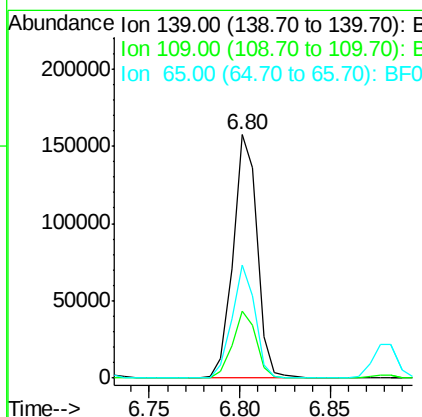
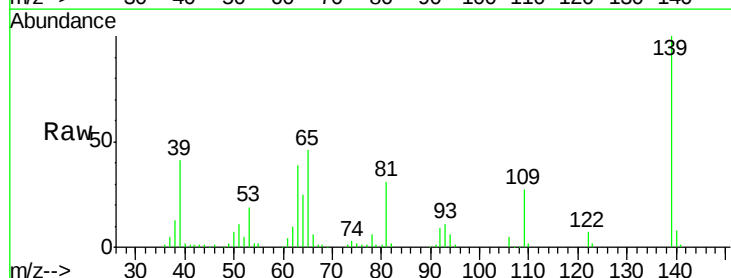
RT: 6.80 min Scan# 827

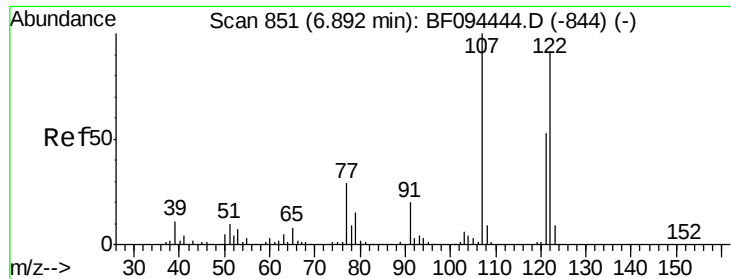
Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Tgt Ion:	139	Resp:	145294
Ion Ratio	Lower	Upper	
139	100		
109	27.4	21.0	31.6
65	46.4	33.0	49.6





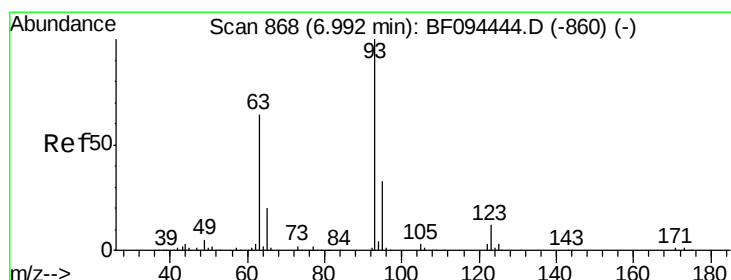
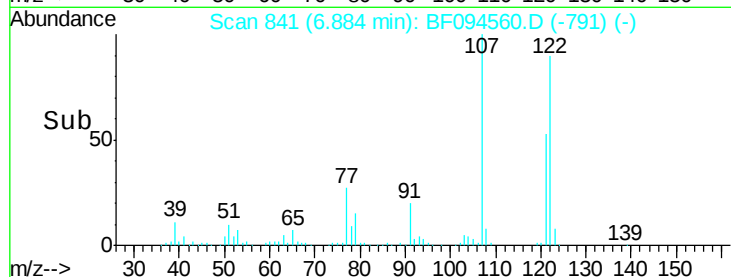
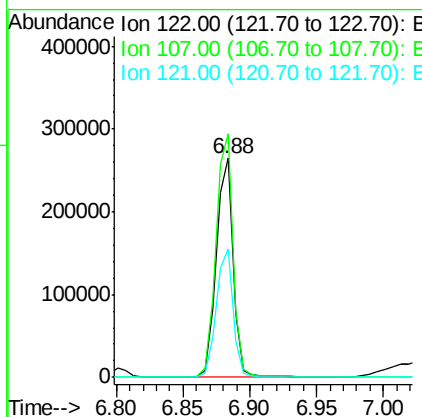
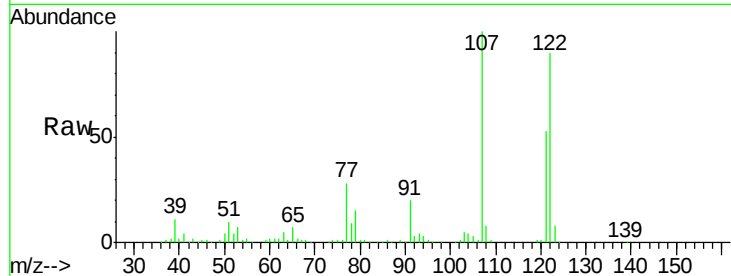
#27
 2,4-Dimethylphenol
 Concen: 43.72 ng
 RT: 6.88 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	239211		
107	111.3	89.2	133.8	
121	58.6	45.2	67.8	

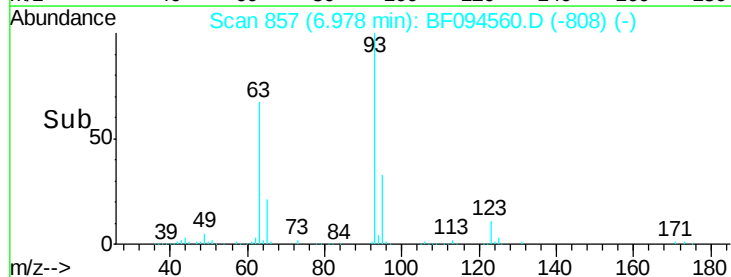
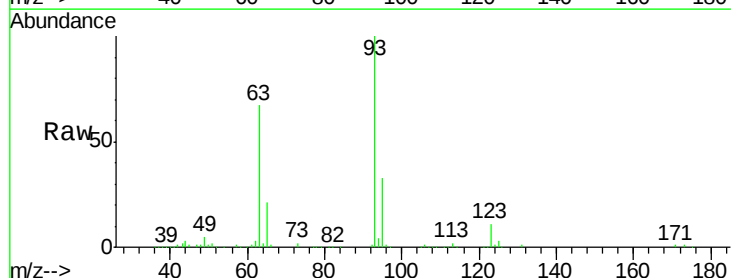
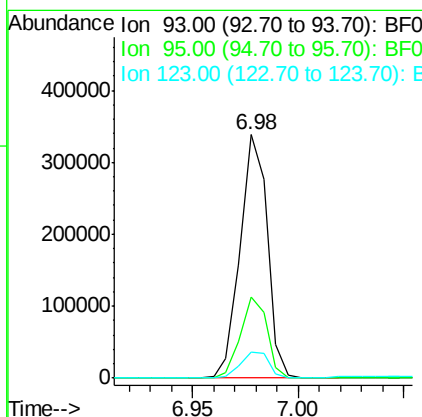
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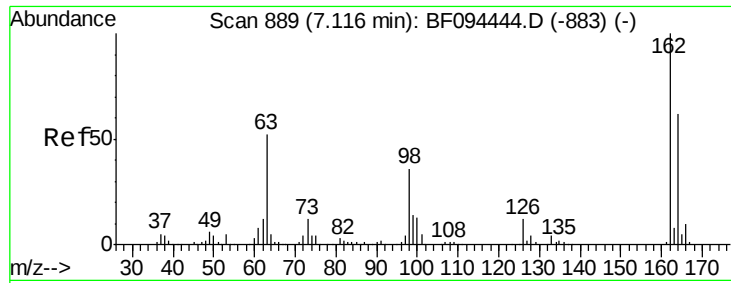
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.20 ng
 RT: 6.98 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	301330		
95	33.2	26.5	39.7	
123	10.8	9.0	13.4	





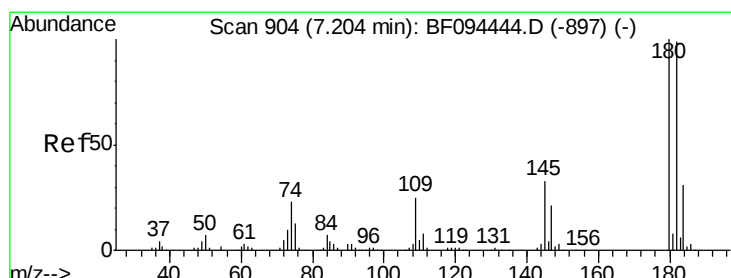
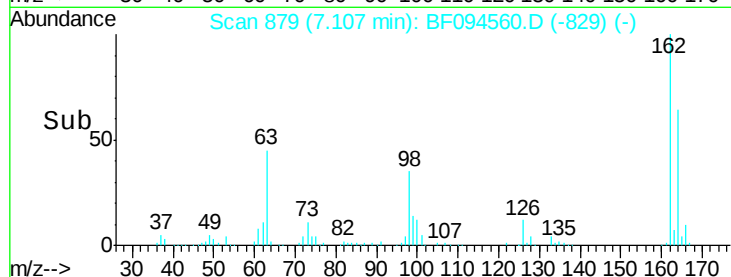
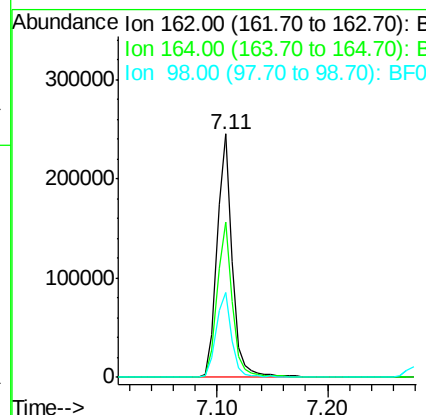
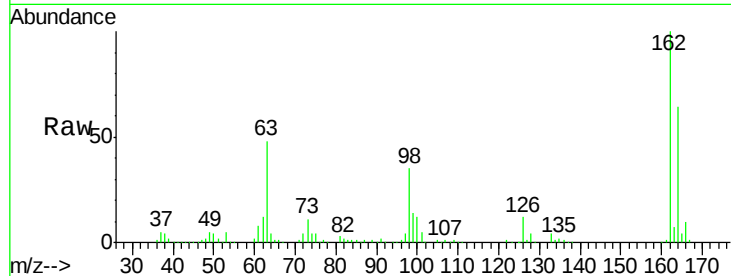
#29
 2,4-Dichlorophenol
 Concen: 45.17 ng
 RT: 7.11 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

Tot Ion:	162	Resp:	229913
Ion Ratio		Lower	Upper
162	100		
164	63.8	44.6	84.6
98	34.8	14.8	54.8

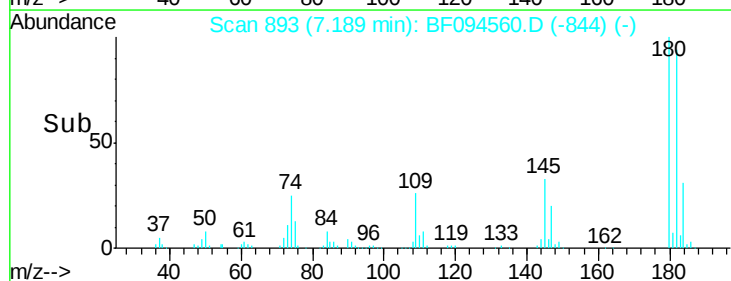
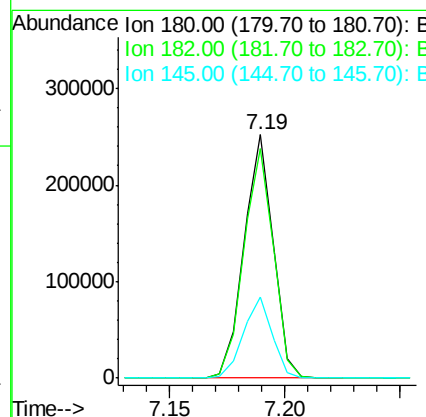
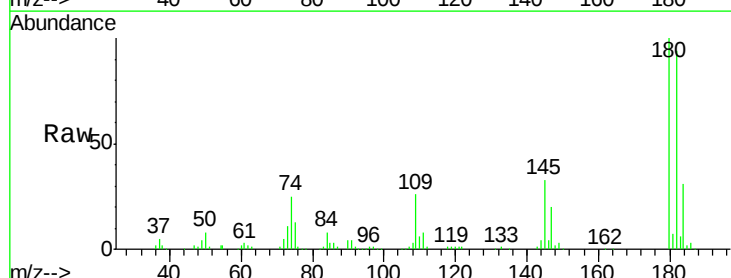
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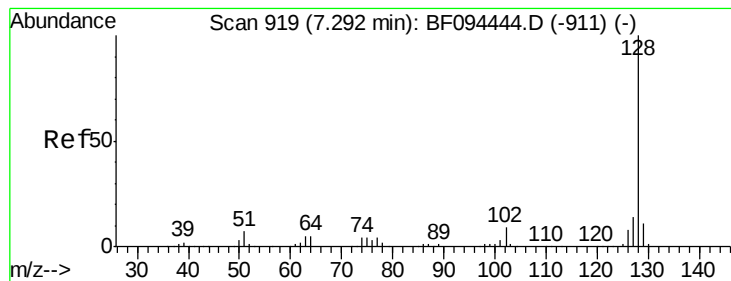
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.18 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:	180	Resp:	221989
Ion Ratio		Lower	Upper
180	100		
182	94.1	75.8	113.6
145	33.4	25.3	37.9





#31

Naphthalene

Concen: 42.50 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

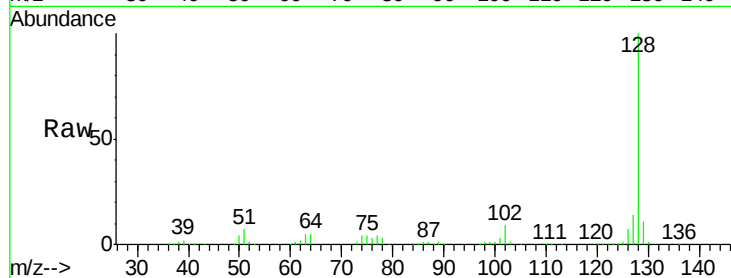
ClientSampleId :

PB98329BS

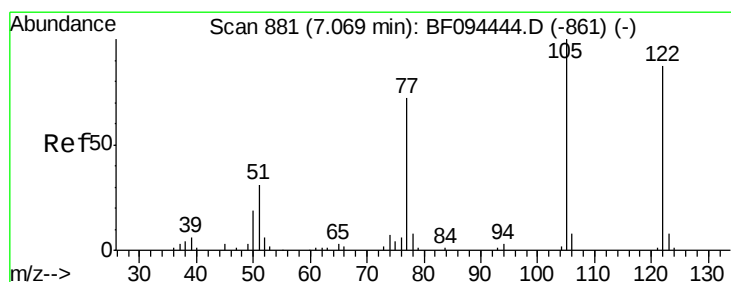
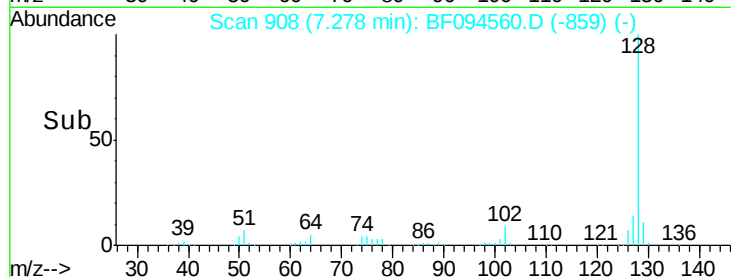
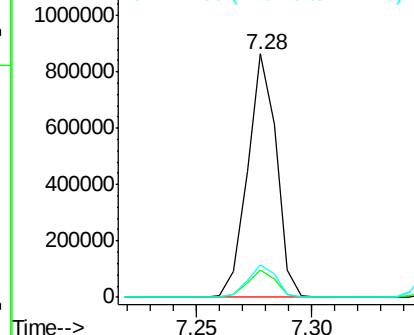
Tot Ion:	128	Resp:	751141
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.0	13.6
127	13.6	10.8	16.2

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



#32

Benzoic acid

Concen: 51.62 ng

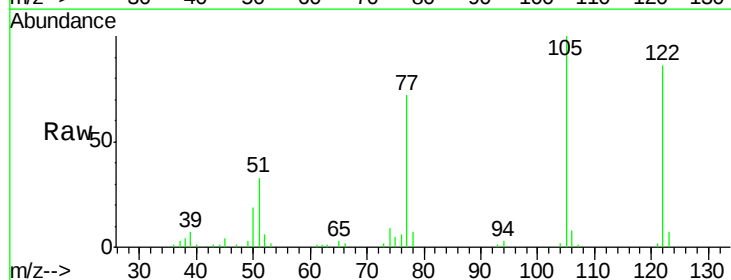
RT: 7.08 min Scan# 874

Delta R.T. 0.01 min

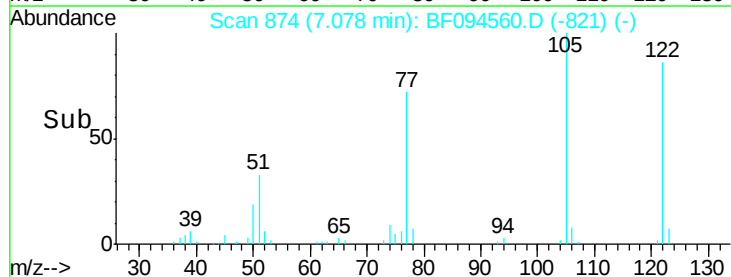
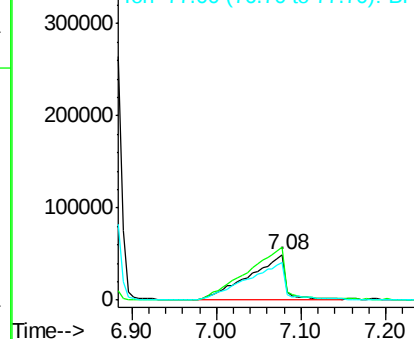
Lab File: BF094560.D

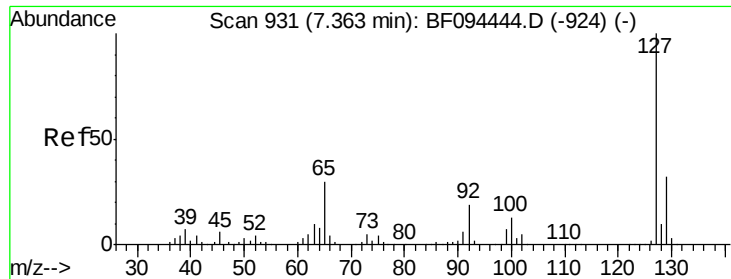
Acq: 21 Apr 2017 13:28

Tgt Ion:	122	Resp:	149355
Ion Ratio	Lower	Upper	
122	100		
105	116.6	103.3	143.3
77	83.7	73.7	113.7



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





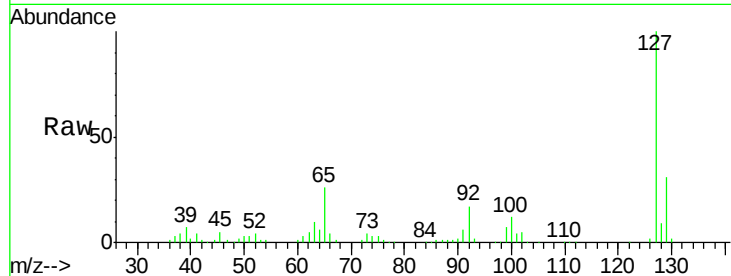
#33
4-Chloroaniline
Concen: 20.82 ng
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

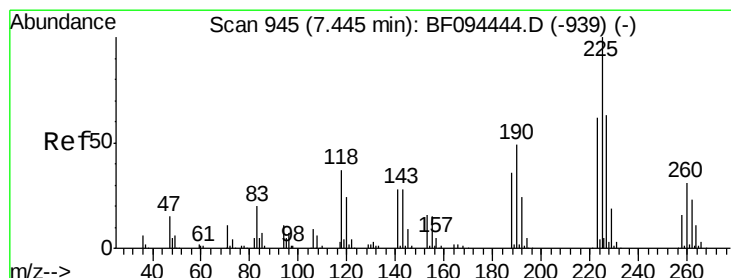
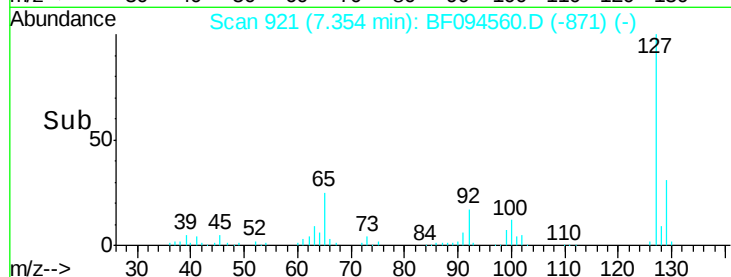
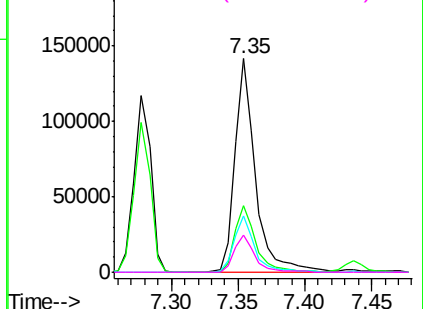
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.0	26.2	39.2		
65	26.3	27.8	41.8		
92	17.3	16.8	25.2		

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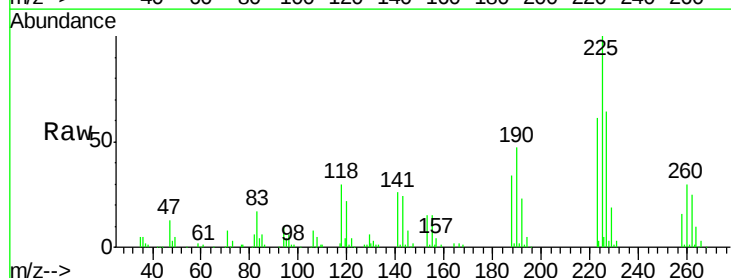


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

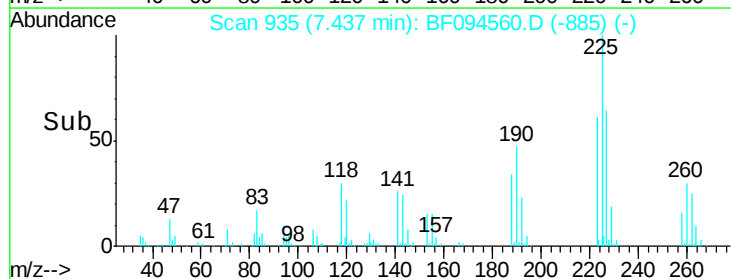
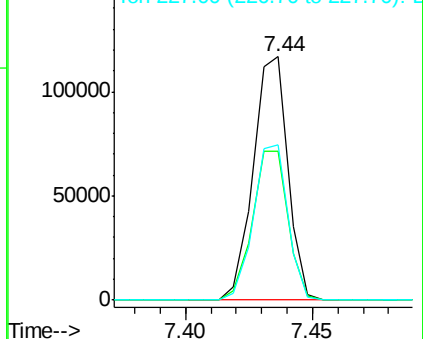


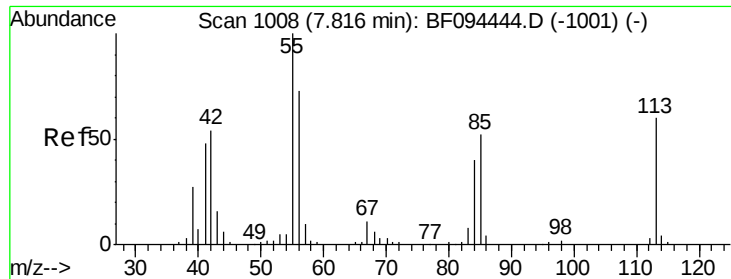
#34
Hexachlorobutadiene
Concen: 42.51 ng
RT: 7.44 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	48.8	73.2		
227	63.7	51.1	76.7		



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





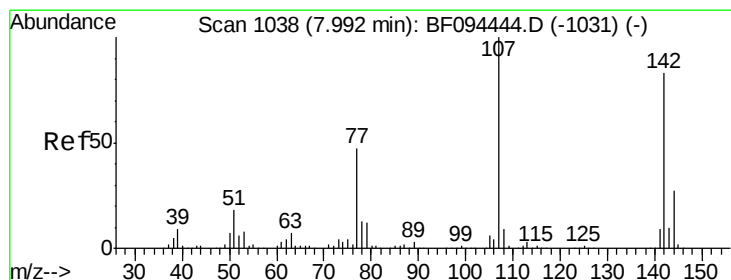
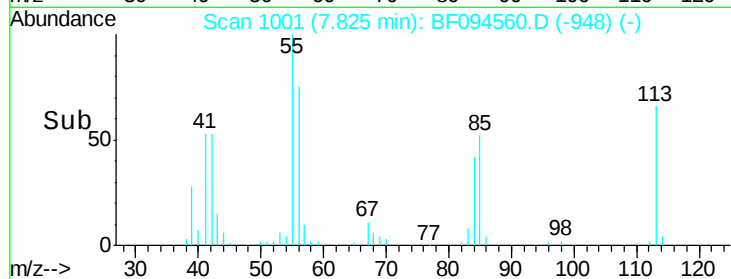
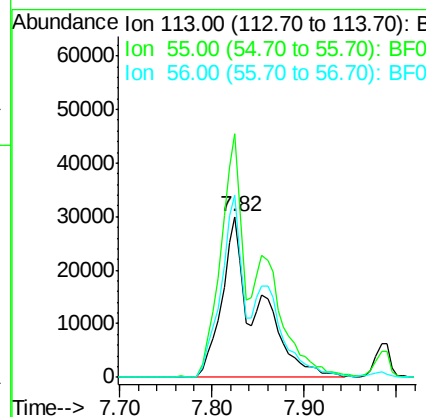
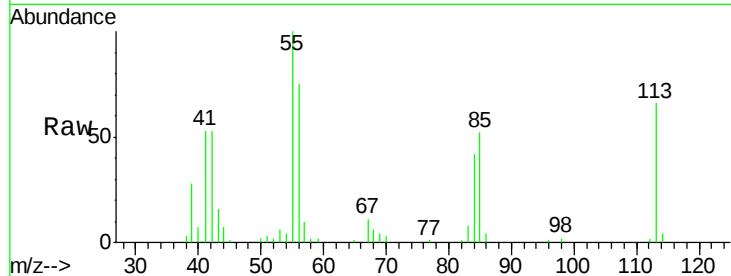
#35
 Caprolactam
 Concen: 50.01 ng/ml
 RT: 7.82 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	151.2	150.2	190.2	
56	113.5	107.8	147.8	

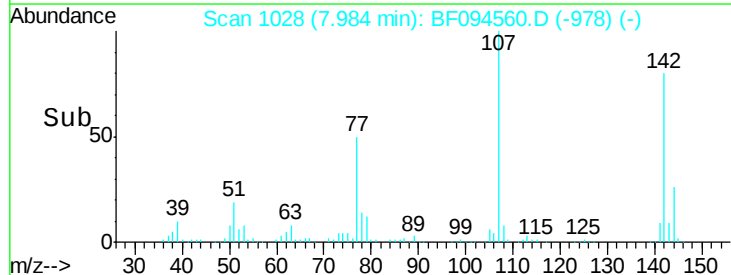
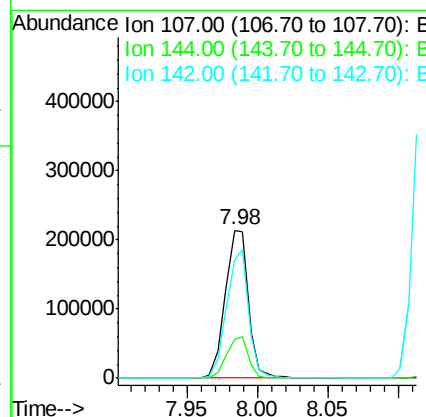
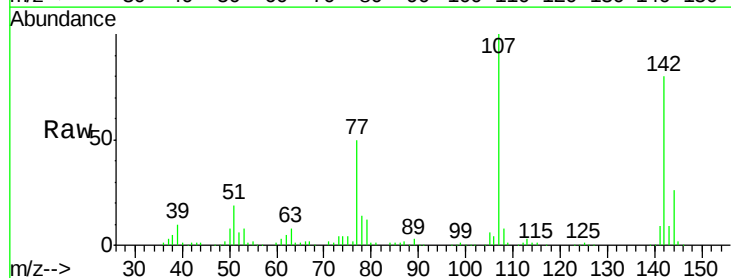
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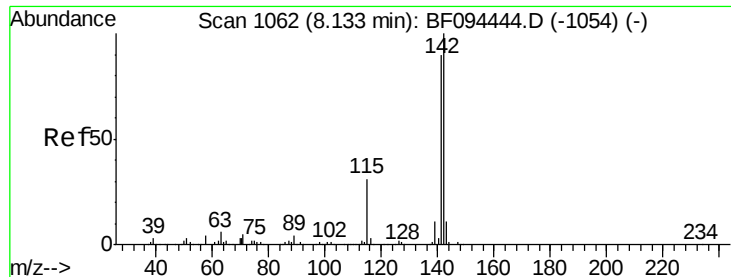
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#36
 4-Chloro-3-methylphenol
 Concen: 45.93 ng/ml
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.4	24.2	36.4	
142	80.2	73.4	110.0	





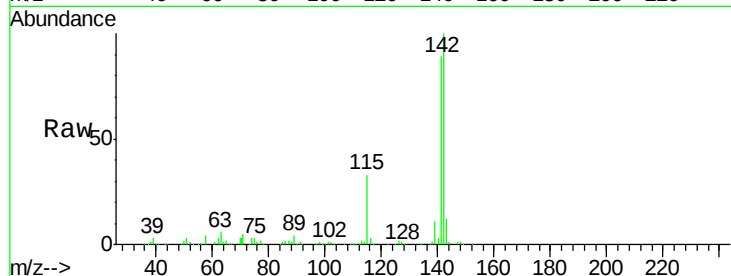
#37
2-Methylnaphthalene
Concen: 44.23 ng
RT: 8.12 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

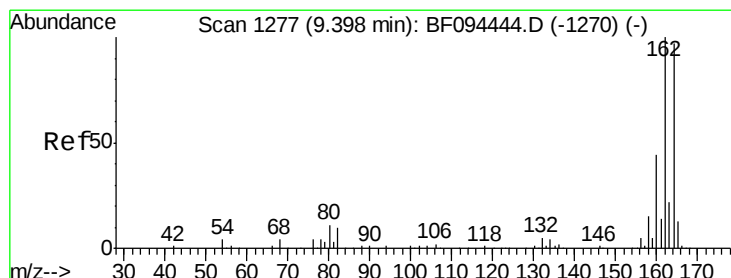
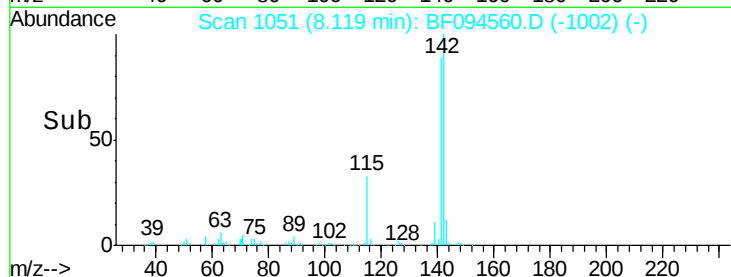
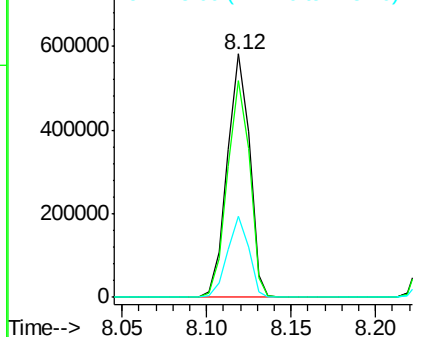
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.3	106.9
115	33.1	27.1	40.7

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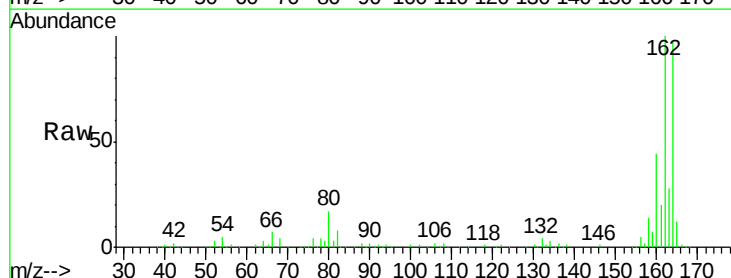


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

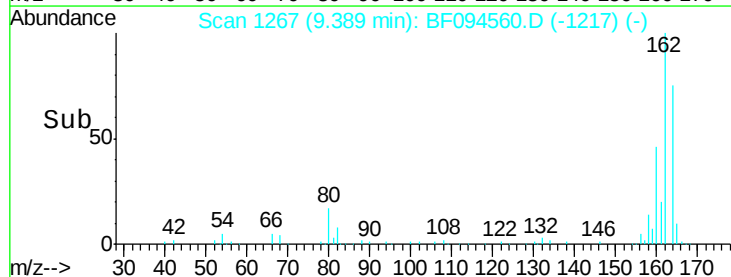
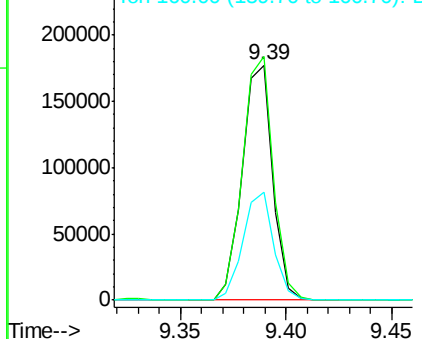


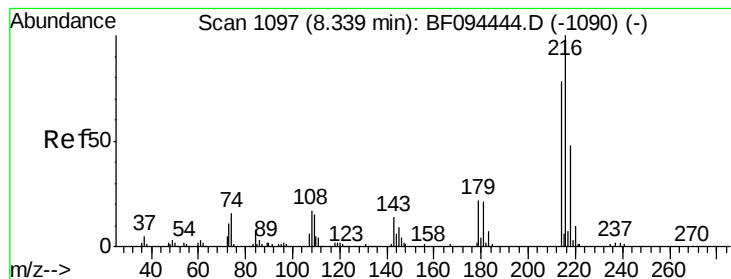
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	45.8	36.2	54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.39 ng

RT: 8.33 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

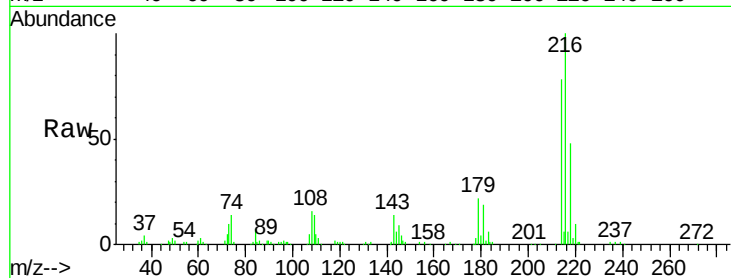
ClientSampleId :

PB98329BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		203681		
214	78.7	63.4	95.2		
179	22.5	17.9	26.9		
108	22.4	16.5	24.7		

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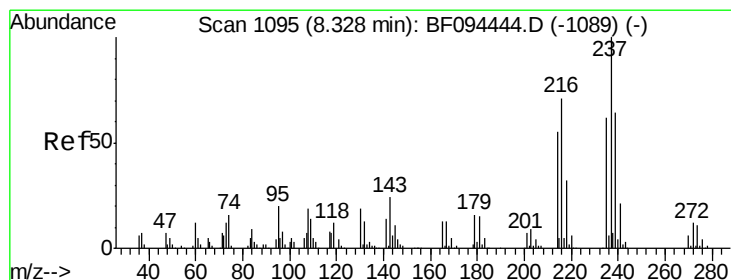
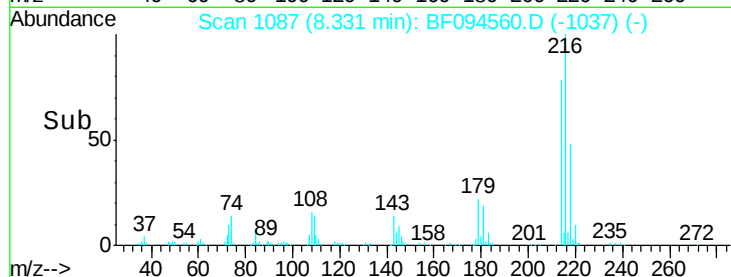
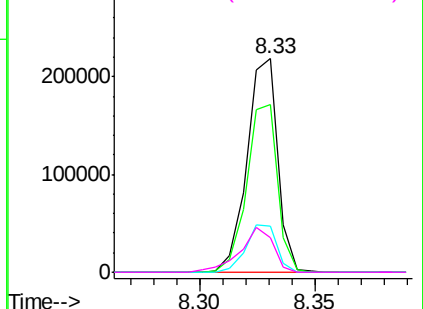


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 97.74 ng

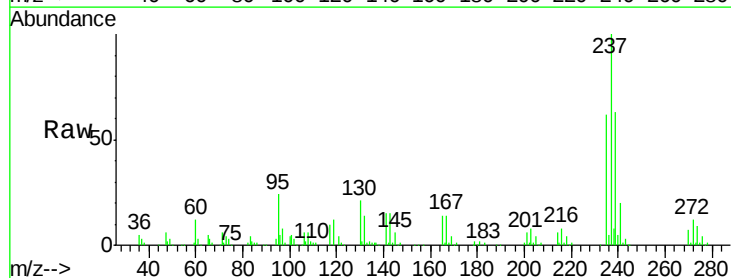
RT: 8.31 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

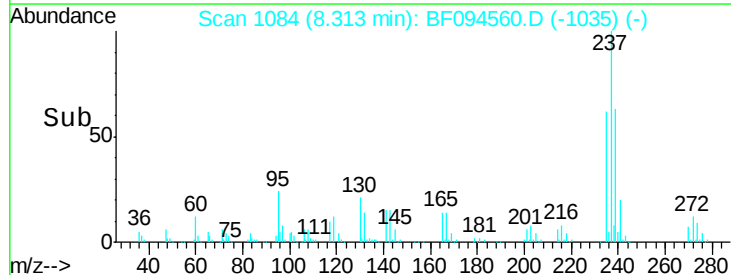
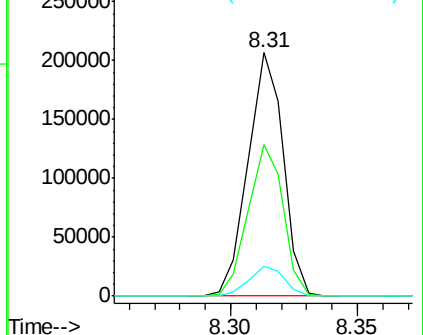
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		199420		
235	62.2	42.6	82.6		
272	12.0	0.0	31.9		

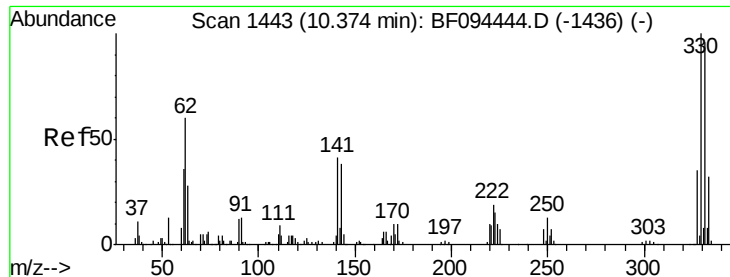


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 139.18 ng

RT: 10.37 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

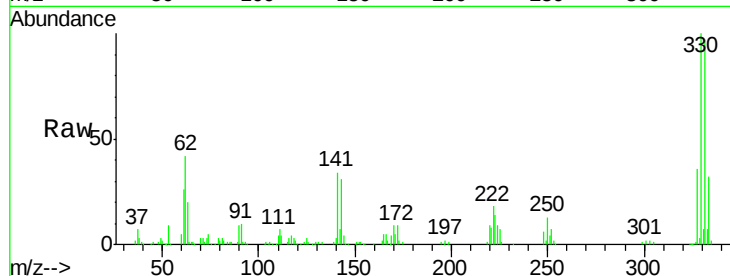
ClientSampleId :

PB98329BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.6	115.0
141	44.0	31.4	47.2

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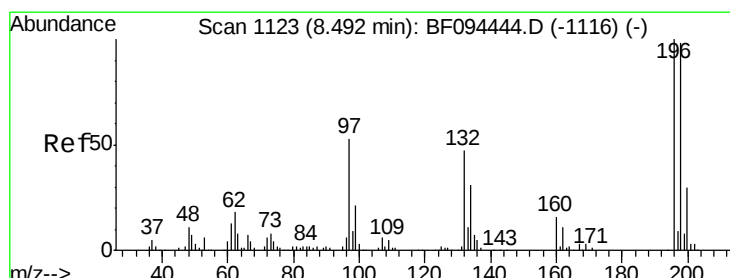
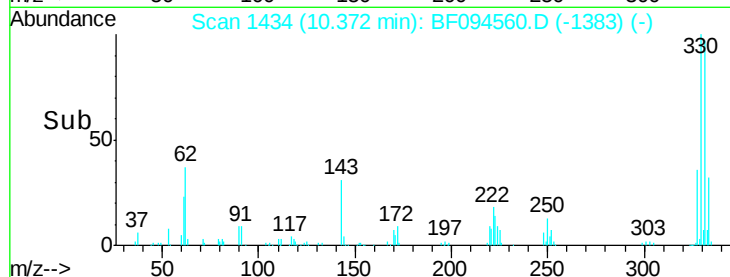
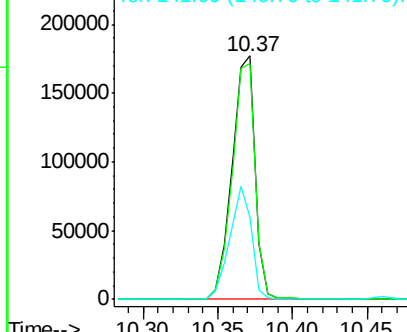


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 43.96 ng

RT: 8.48 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

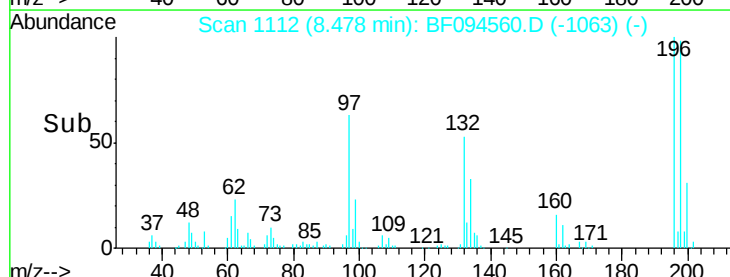
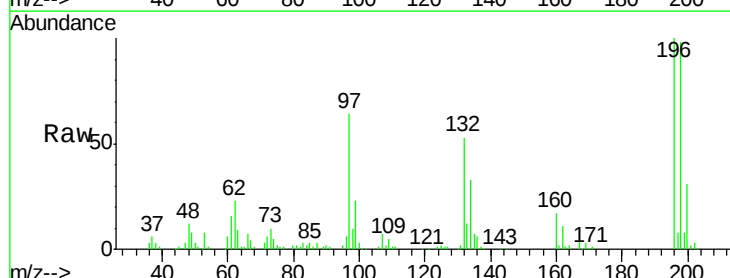
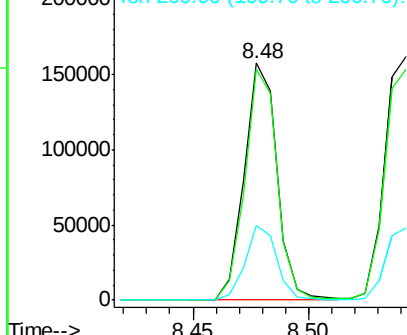
Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	74.2	111.4
200	31.4	24.0	36.0

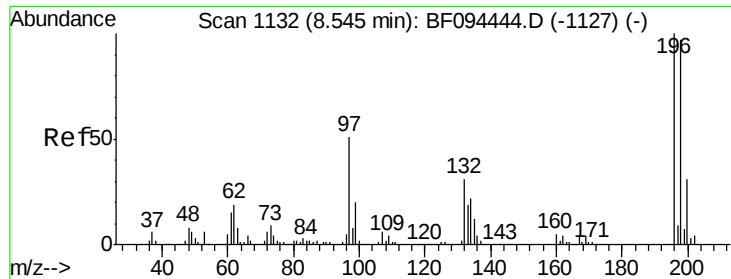
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





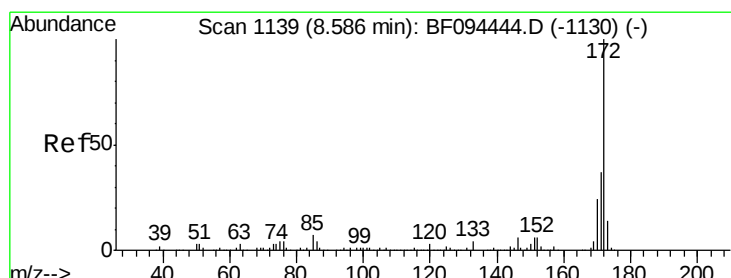
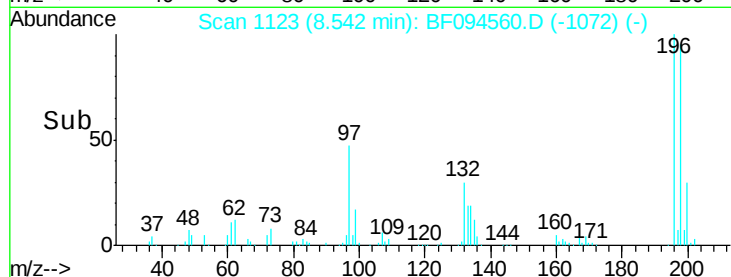
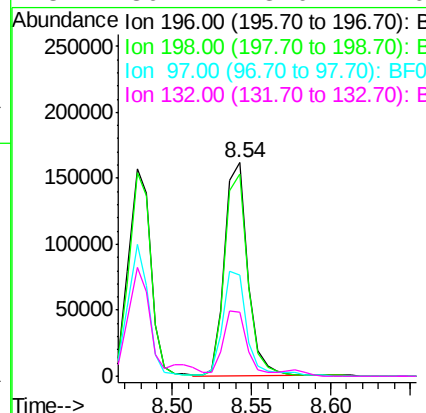
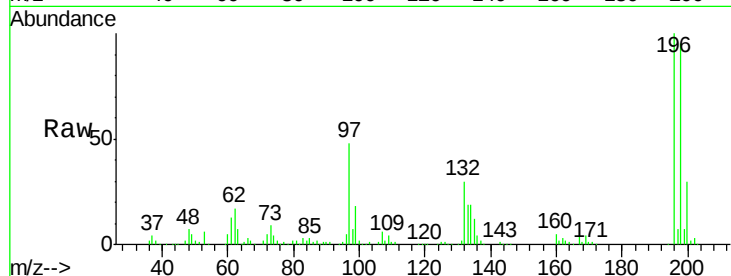
#43
 2,4,5-Trichlorophenol
 Concen: 45.17 ng
 RT: 8.54 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampled :
 PB98329BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	164302		
198	94.6	75.7	113.5	
97	47.7	47.7	71.5	
132	30.1	28.0	42.0	

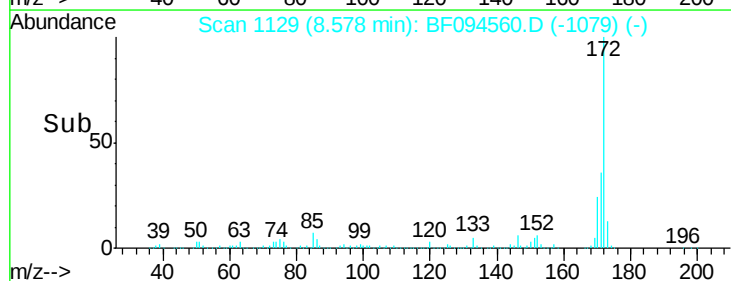
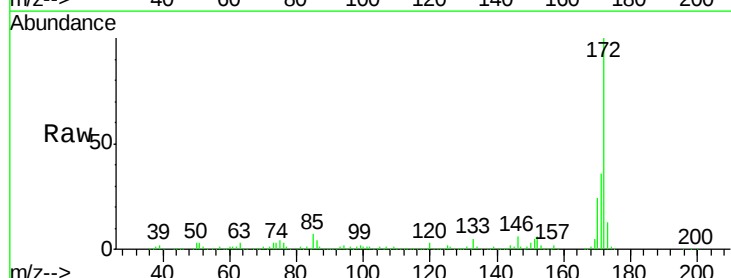
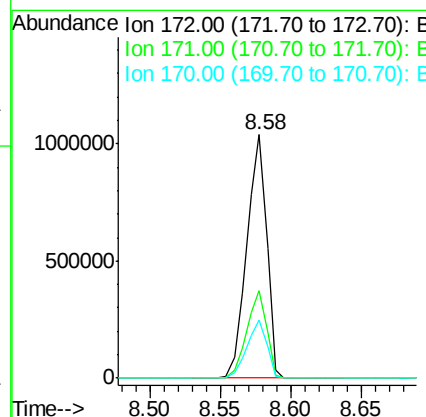
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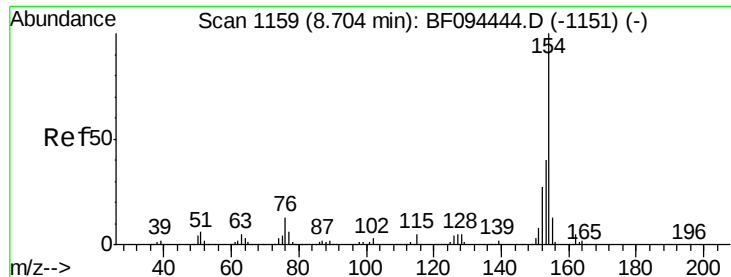
mohammad
 4/24/2017 5:12:56 PM



#44
 2-Fluorobiphenyl
 Concen: 84.32 ng
 RT: 8.58 min Scan# 1129
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1015019		
171	36.2	29.6	44.4	
170	23.8	19.8	29.8	





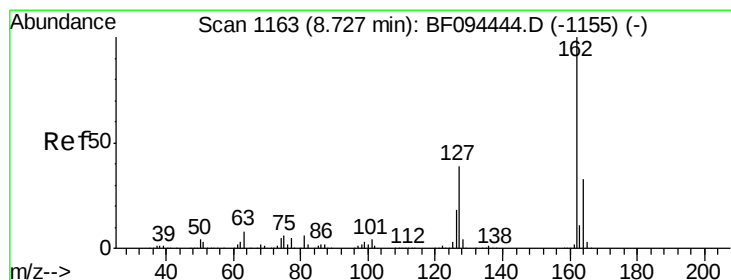
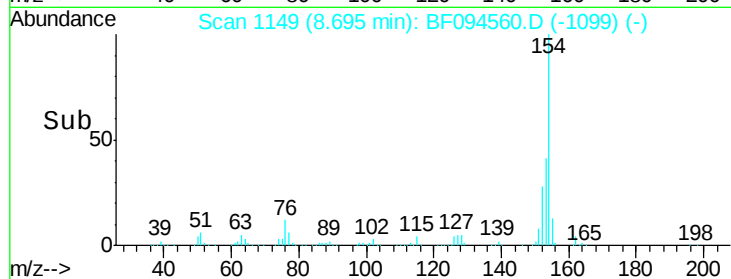
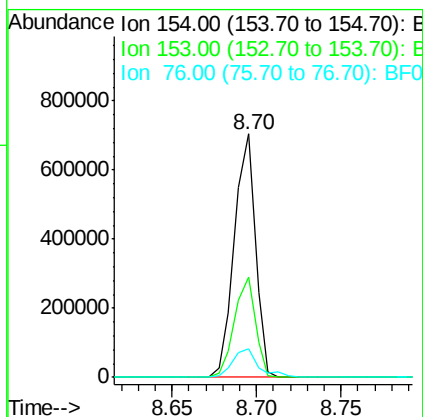
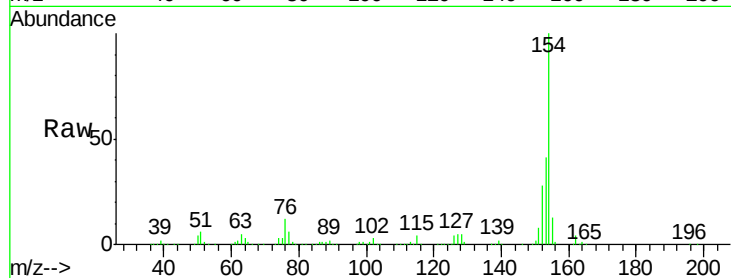
#45
 1,1'-Biphenyl
 Concen: 42.27 ng
 RT: 8.70 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

Tot Ion:	154	Resp:	611702
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.2	61.2
76	11.7	0.0	29.9

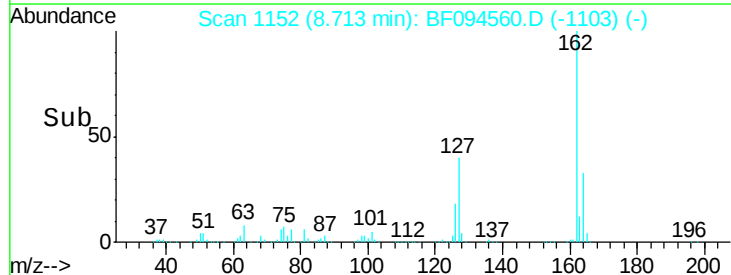
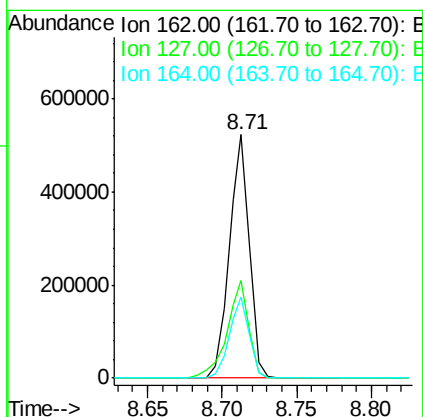
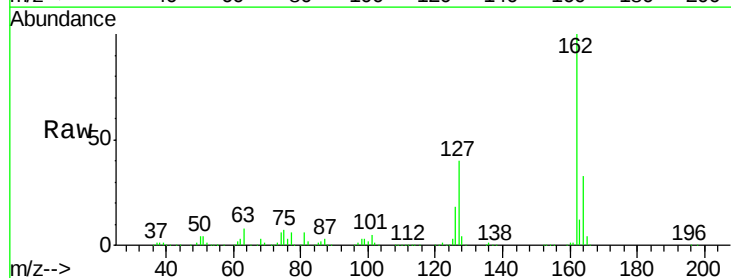
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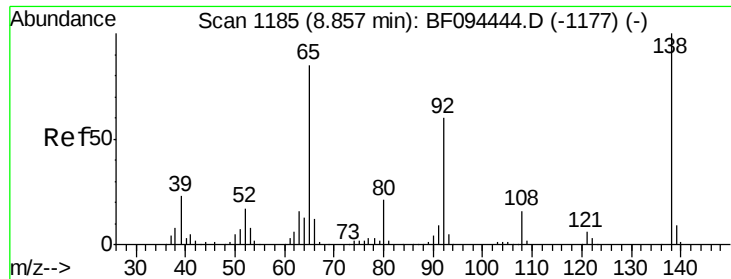
mohammad
 4/24/2017 5:12:56 PM



#46
 2-Chloronaphthalene
 Concen: 42.77 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion:	162	Resp:	492111
Ion Ratio	Lower	Upper	
162	100		
127	40.2	28.3	42.5
164	33.5	27.0	40.4





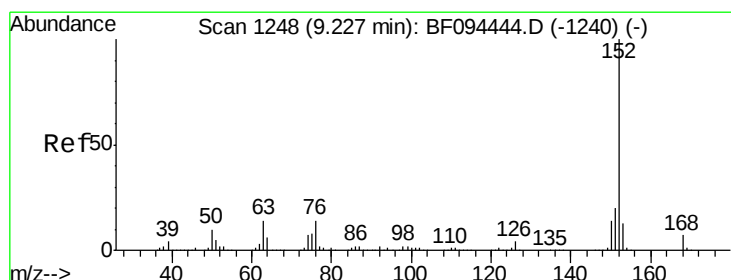
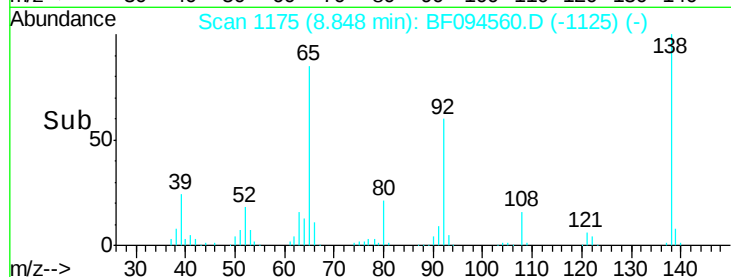
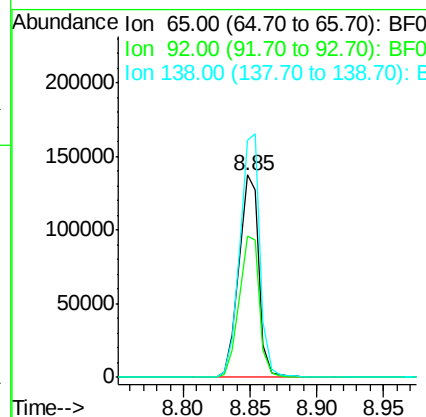
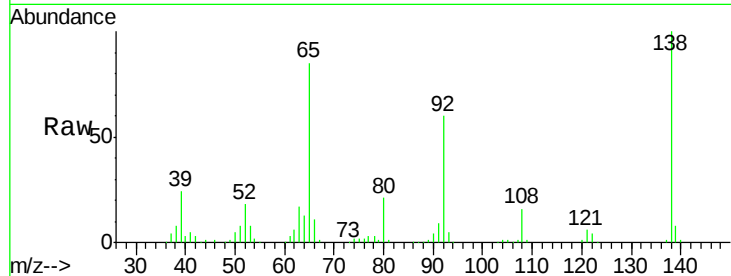
#47
2-Nitroaniline
Concen: 43.88 ng
RT: 8.85 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.0	53.9	80.9
138	117.1	78.8	118.2

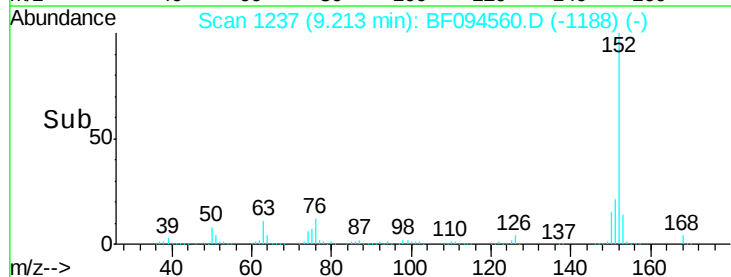
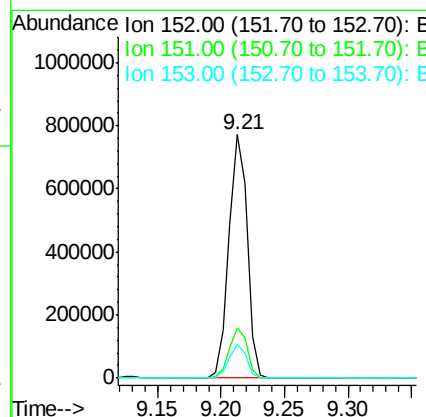
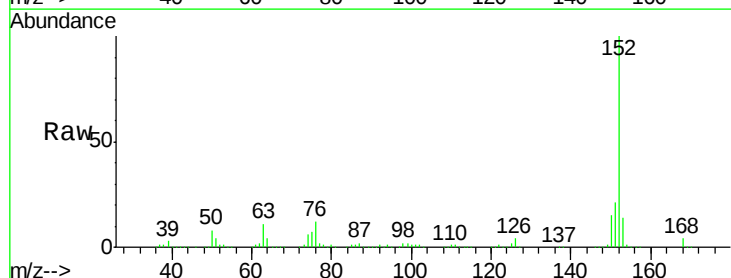
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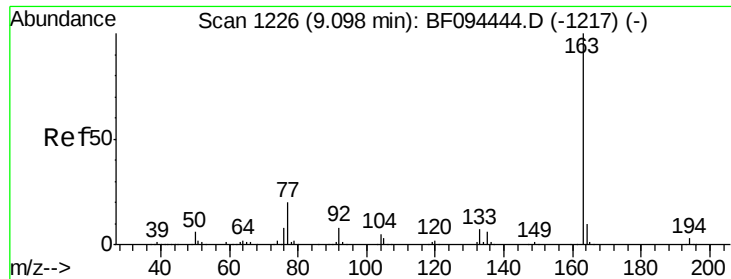
mohammad
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#48
Acenaphthylene
Concen: 43.10 ng
RT: 9.21 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.8	10.8	16.2





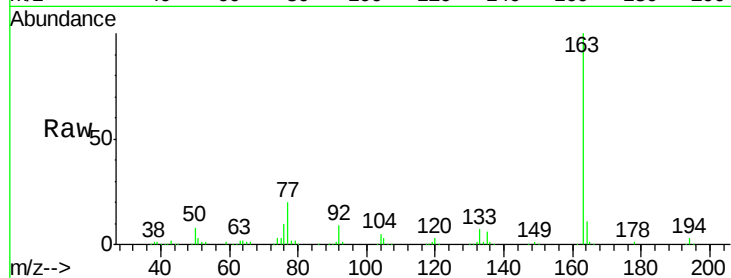
#49
Dimethylphthalate
Concen: 46.36 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

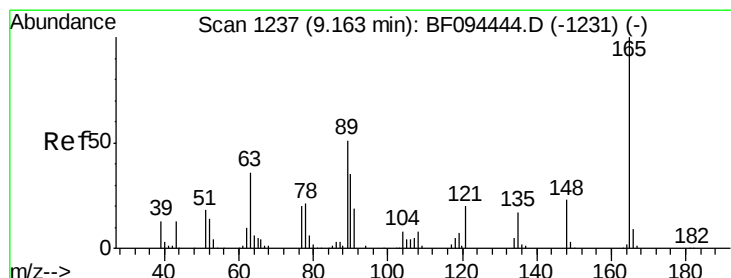
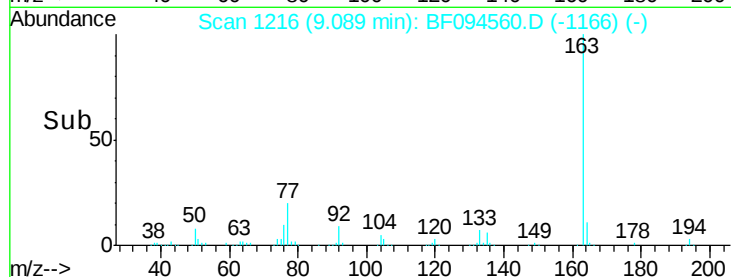
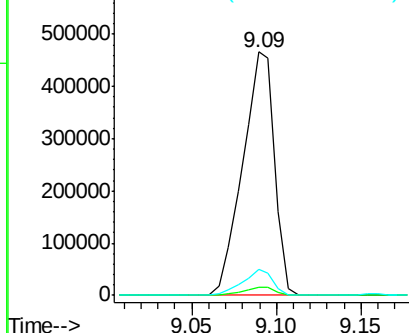
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.7	8.4	12.6	

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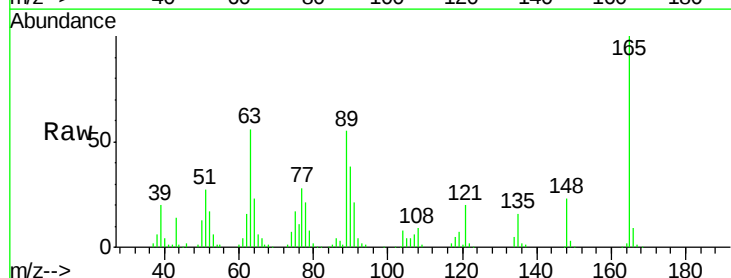


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

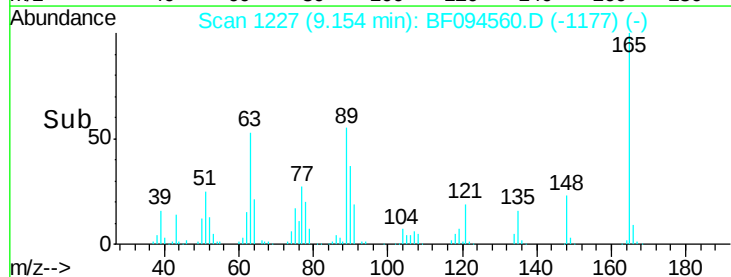
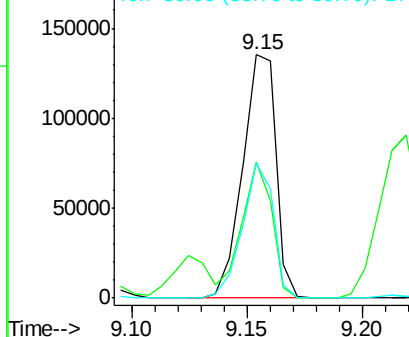


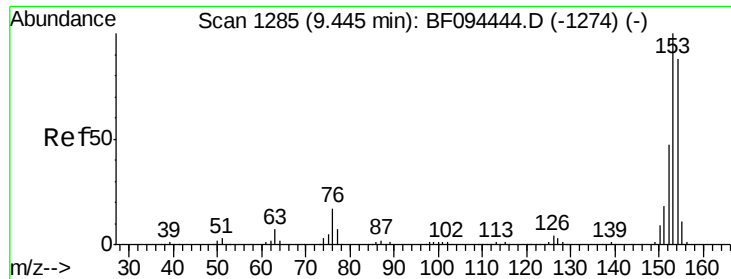
#50
2,6-Dinitrotoluene
Concen: 46.29 ng
RT: 9.15 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.0	34.3	51.5#	
89	55.2	37.1	55.7	



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





#51

Acenaphthene

Concen: 43.55 ng

RT: 9.43 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

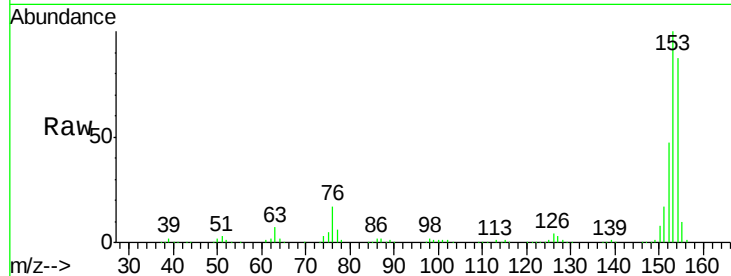
ClientSampleId :

PB98329BS

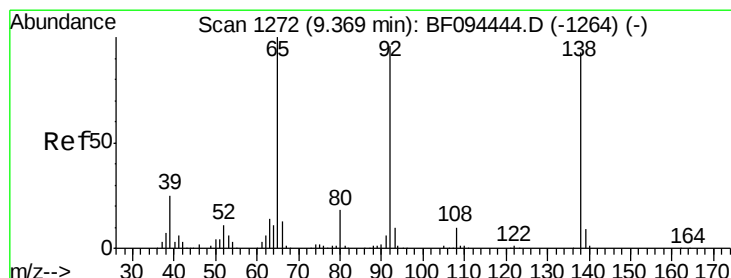
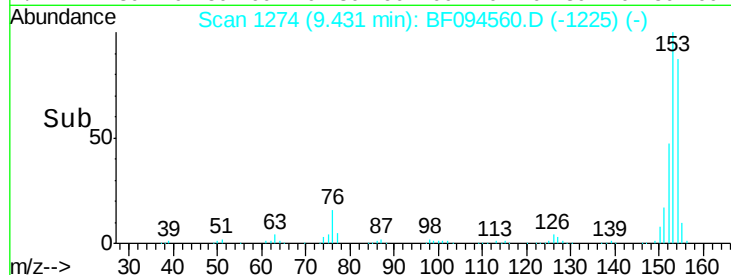
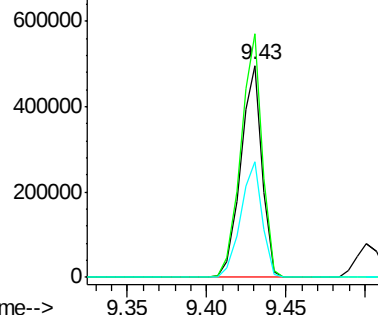
Tot Ion:	154	Resp:	467829
Ion Ratio	Lower	Upper	
154	100		
153	115.1	90.5	135.7
152	54.6	43.6	65.4

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



#52

3-Nitroaniline

Concen: 20.16 ng

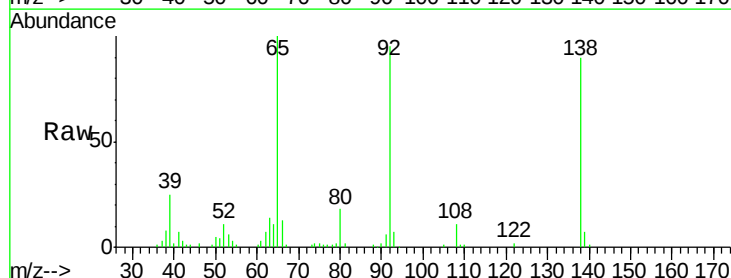
RT: 9.36 min Scan# 1262

Delta R.T. -0.01 min

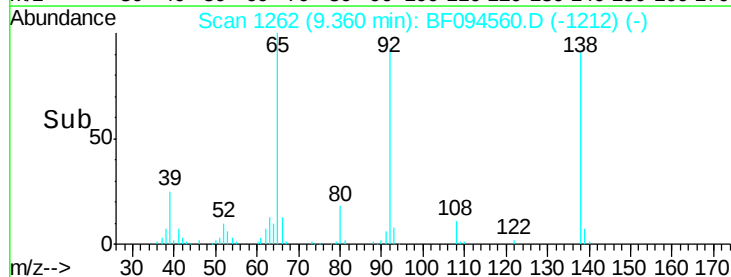
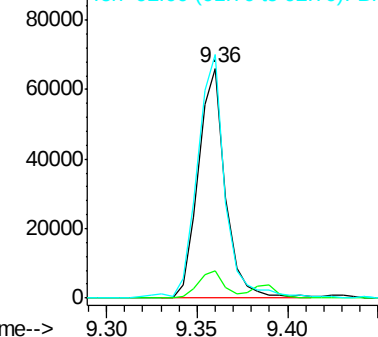
Lab File: BF094560.D

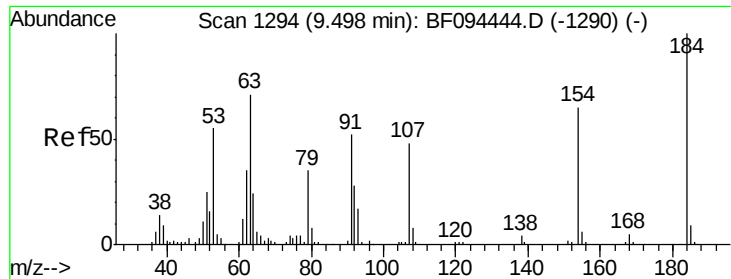
Acq: 21 Apr 2017 13:28

Tgt Ion:	138	Resp:	69115
Ion Ratio	Lower	Upper	
138	100		
108	12.1	9.1	13.7
92	105.8	93.8	140.6



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





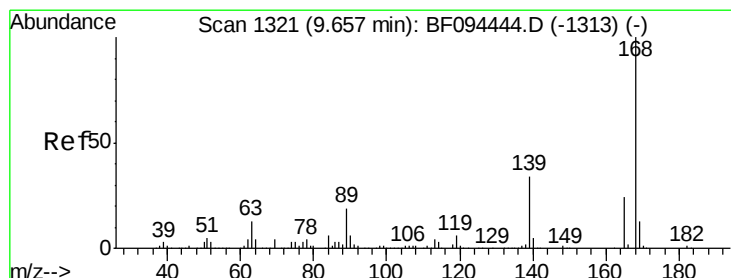
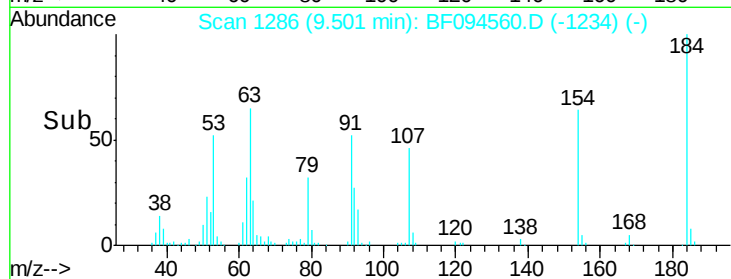
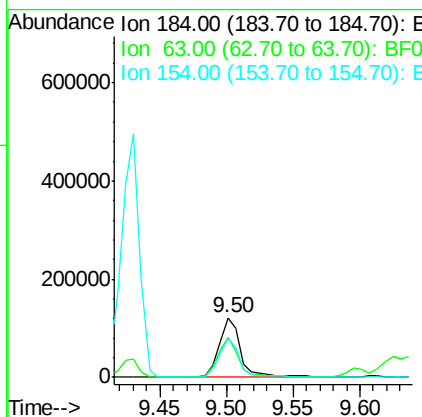
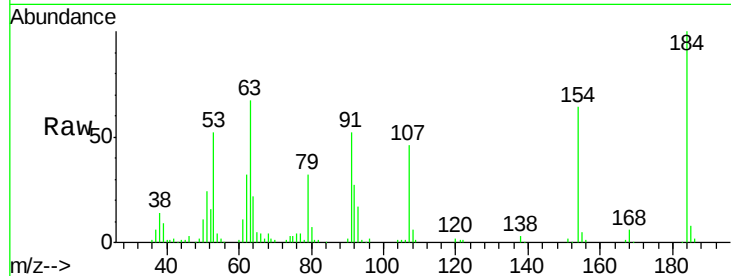
#53
 2,4-Dinitrophenol
 Concen: 86.19 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	139327		
63	67.3	62.7	94.1	
154	63.8	81.1	121.7	

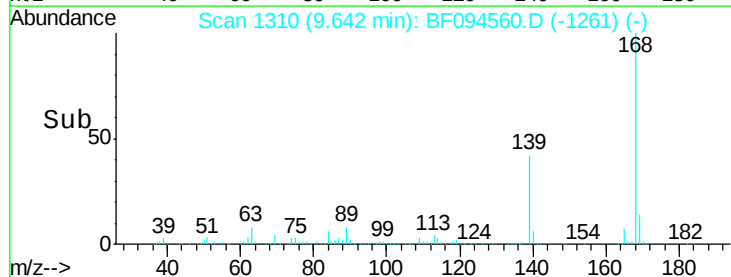
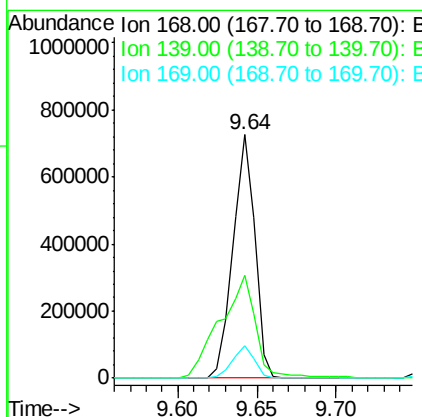
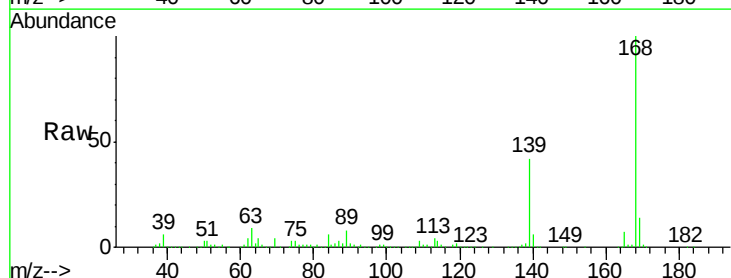
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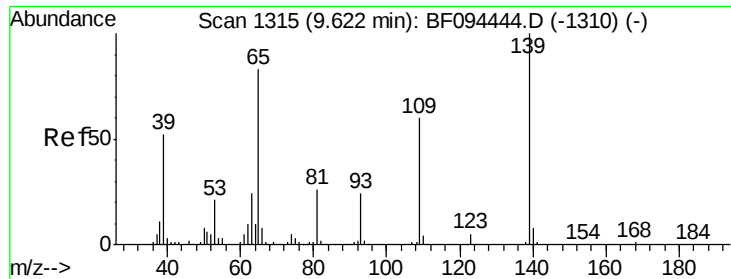
mohammad
 4/24/2017 5:12:56 PM



#54
 Dibenzofuran
 Concen: 44.39 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	693118		
139	42.1	30.6	45.8	
169	13.5	10.8	16.2	





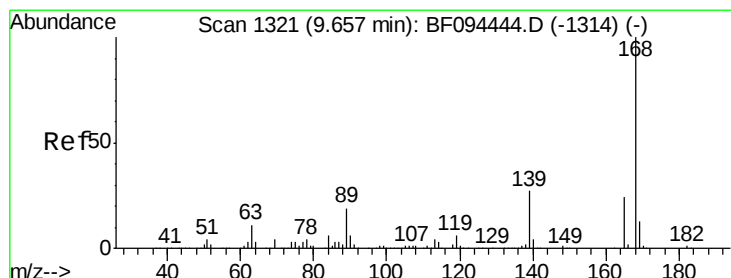
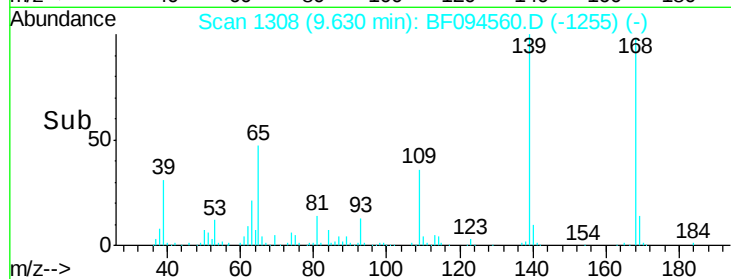
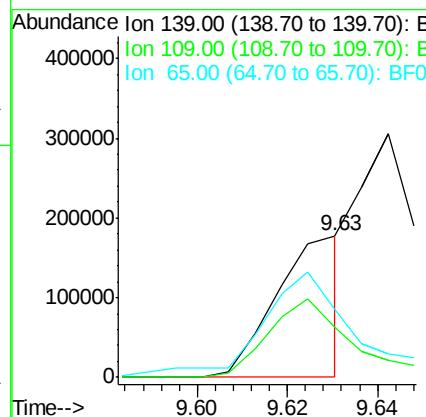
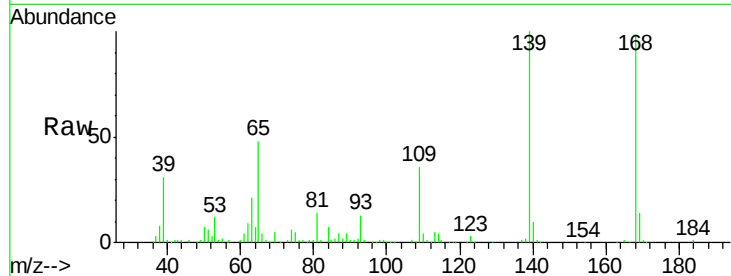
#55
4-Nitrophenol
Concen: 76.33 ng/ml
RT: 9.63 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.8	34.1	74.1	
65	47.8	31.4	71.4	

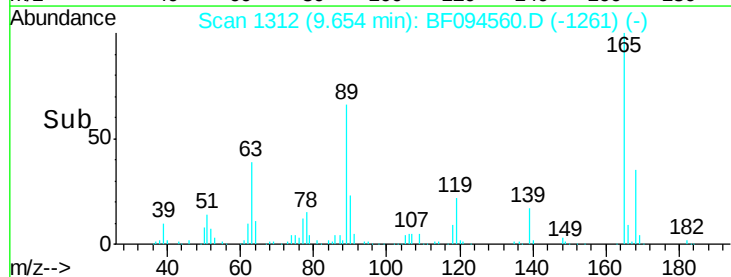
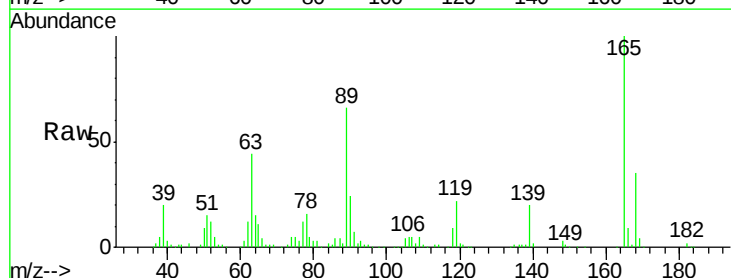
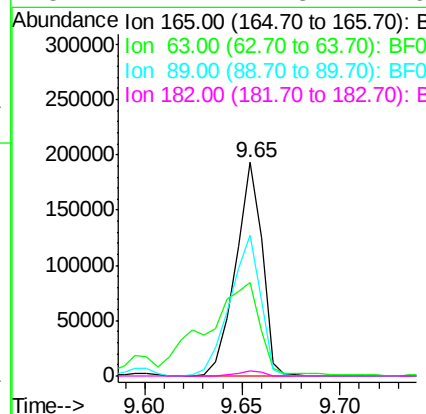
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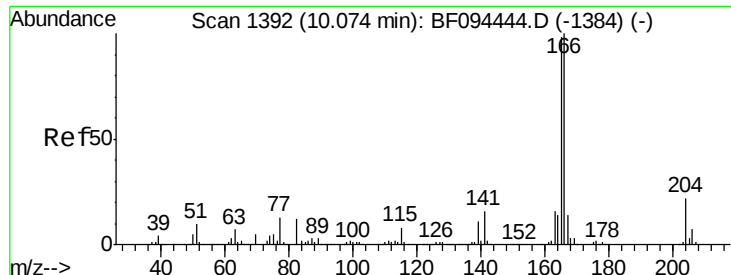
mohammad
4/24/2017 5:12:56 PM



#56
2,4-Dinitrotoluene
Concen: 50.02 ng
RT: 9.65 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	44.0	25.4	38.0	#
89	66.0	46.4	69.6	
182	2.2	1.8	2.6	





#57

Fluorene

Concen: 45.12 ng

RT: 10.07 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

PB98329BS

Tot Ion:166 Resp: 548578

Ion Ratio Lower Upper

166 100

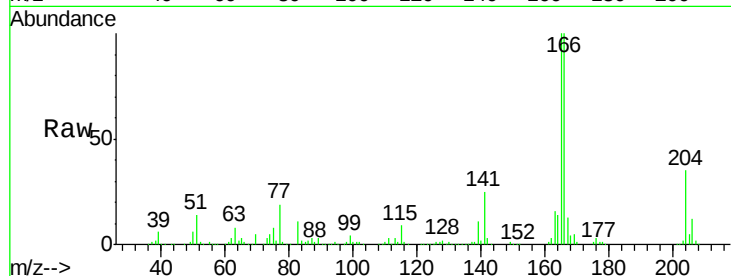
165 100.4 78.8 118.2

167 13.1 10.6 16.0

Manual Integrations
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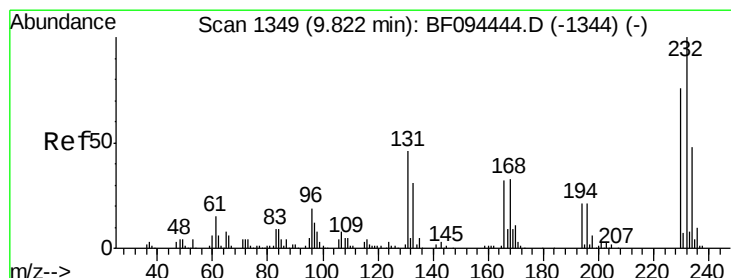
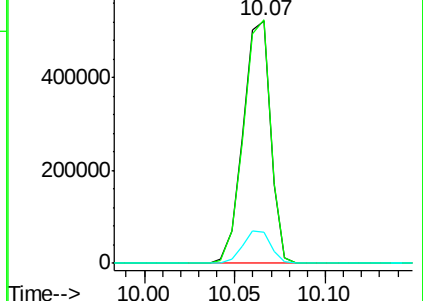
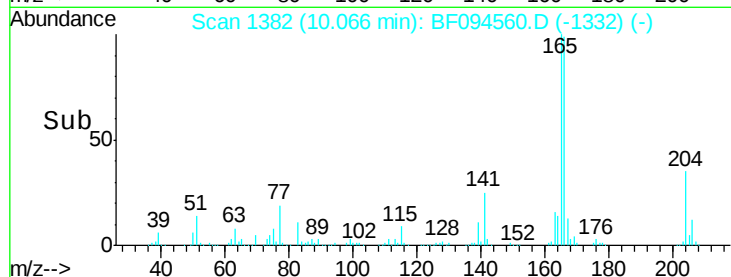
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 48.87 ng

RT: 9.81 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Tgt Ion:232 Resp: 127404

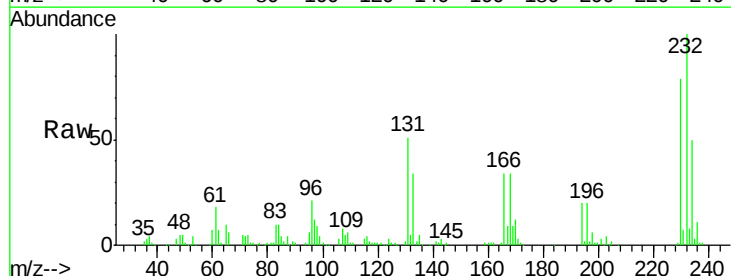
Ion Ratio Lower Upper

232 100

131 55.3 44.8 67.2

130 2.5 2.3 3.5

166 36.8 29.0 43.4

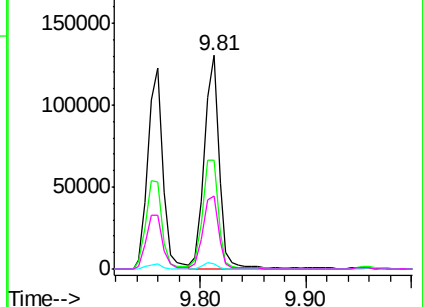
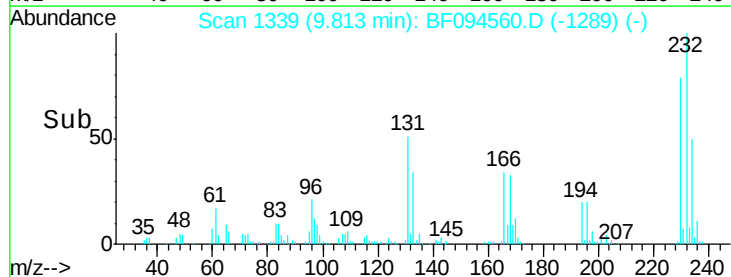


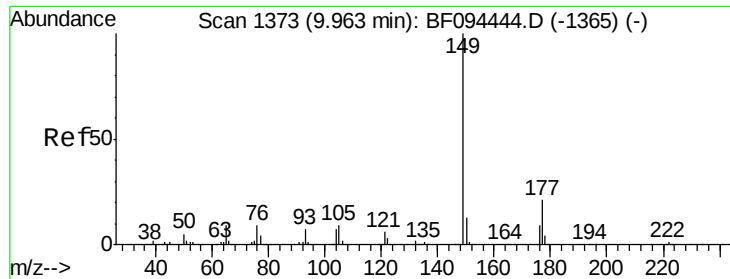
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





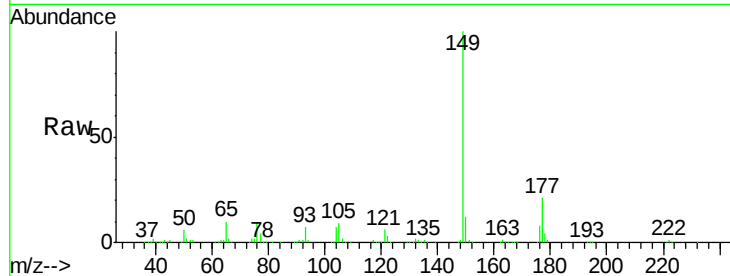
#59
Diethylphthalate
Concen: 48.82 ng
RT: 9.95 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

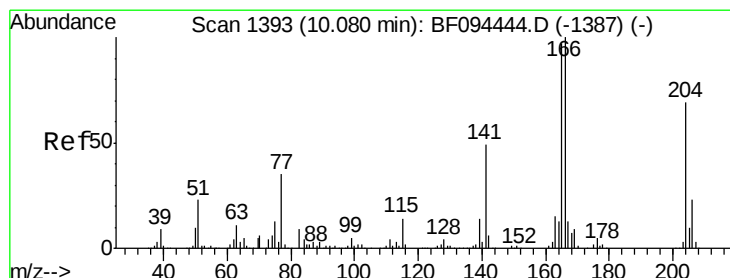
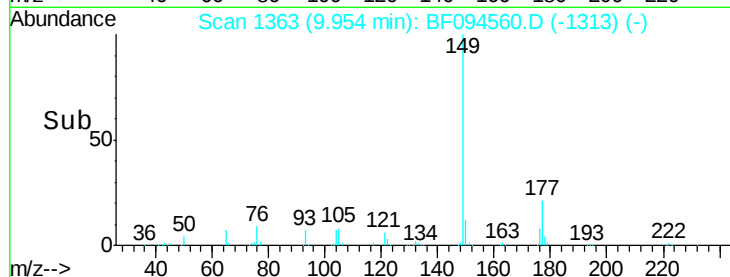
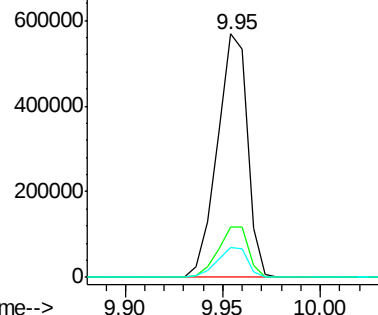
Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.7	25.1
150	12.1	10.2	15.2

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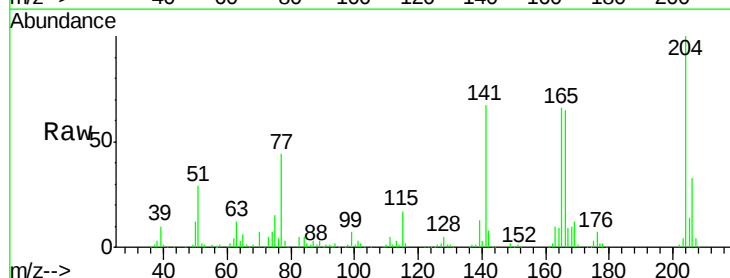


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

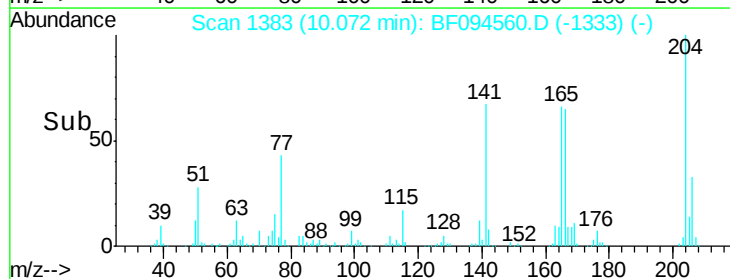
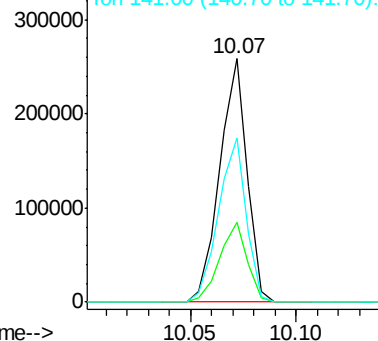


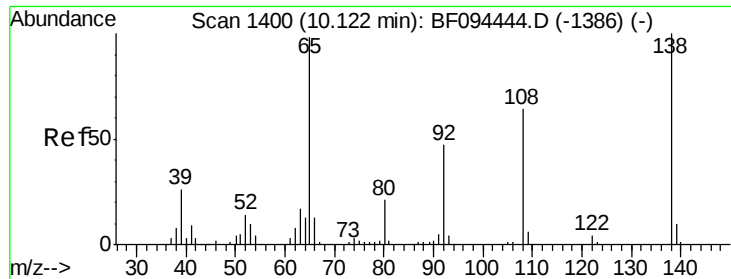
#60
4-Chlorophenyl-phenylether
Concen: 45.94 ng
RT: 10.07 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	67.4	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





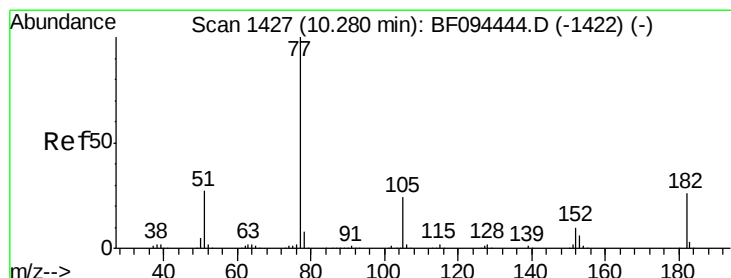
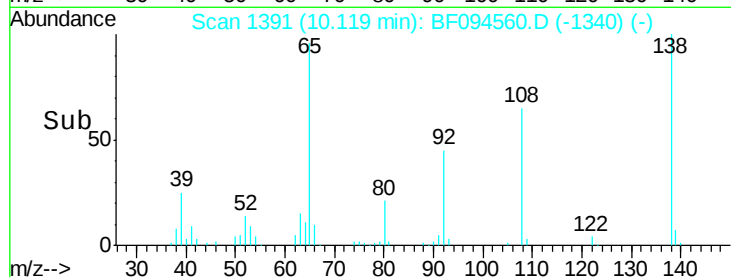
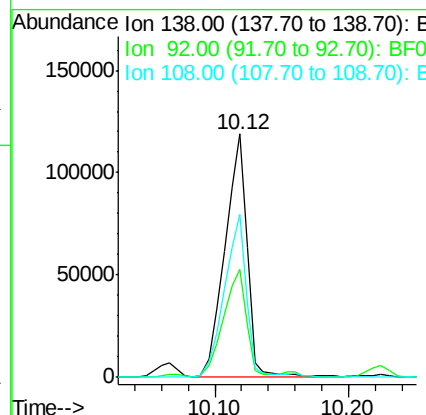
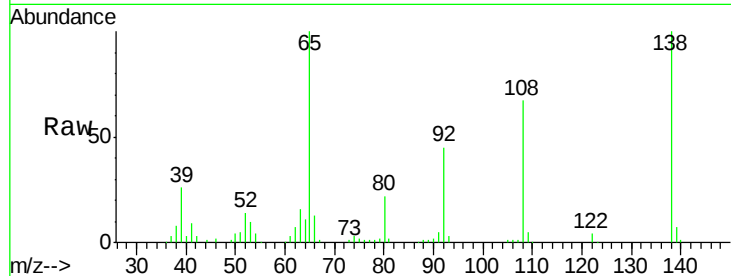
#61
4-Nitroaniline
Concen: 40.59 ng
RT: 10.12 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.6	21.8	61.8
108	67.0	42.3	82.3

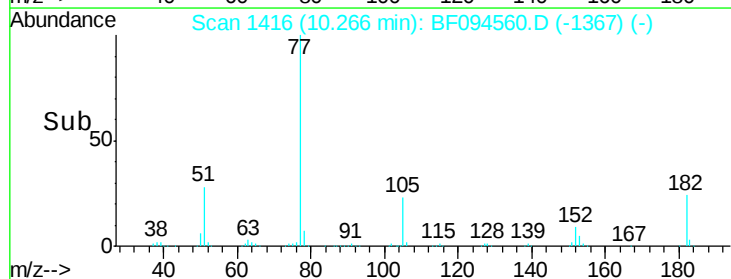
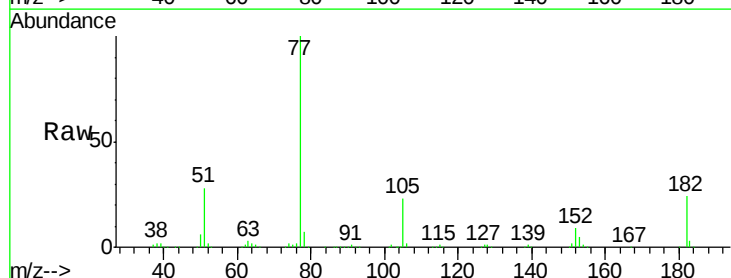
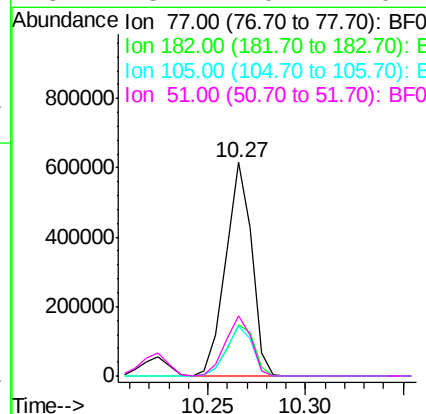
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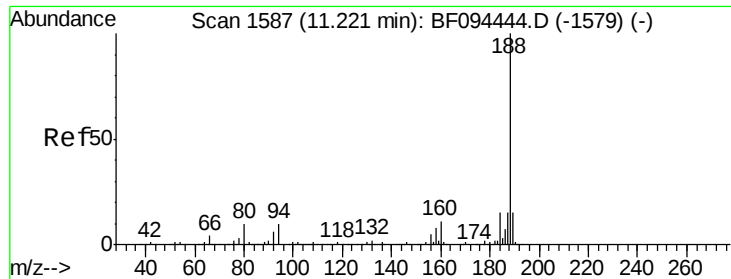
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#62
Azobenzene
Concen: 46.99 ng
RT: 10.27 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.9	0.1	40.1
105	23.2	3.6	43.6
51	28.2	9.4	49.4





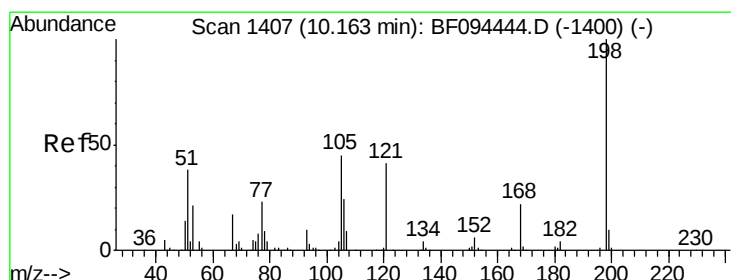
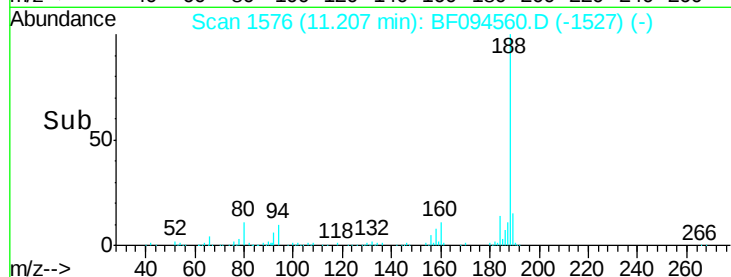
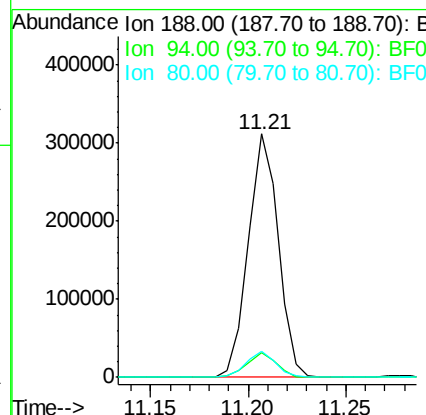
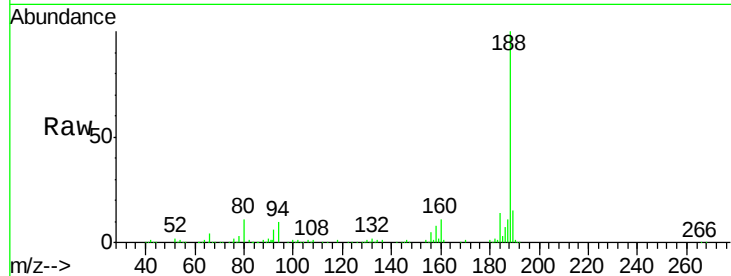
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	331397		
94	10.1		9.4	14.2
80	10.6		10.2	15.2

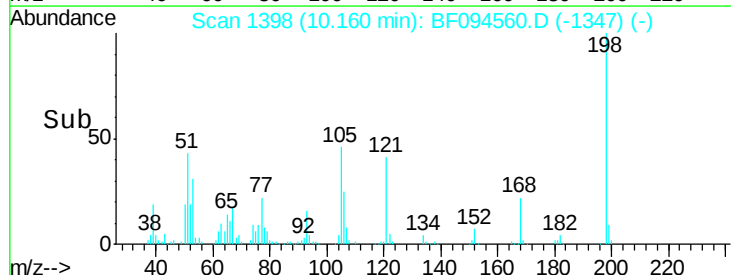
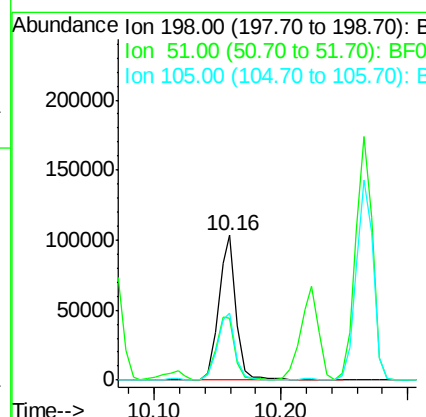
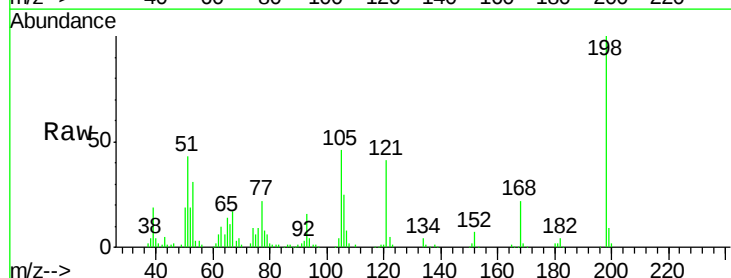
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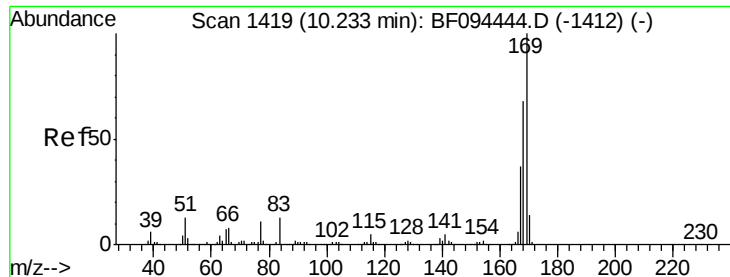
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.73 ng
RT: 10.16 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	99297		
51	43.0		53.2	93.2#
105	46.2		45.8	85.8





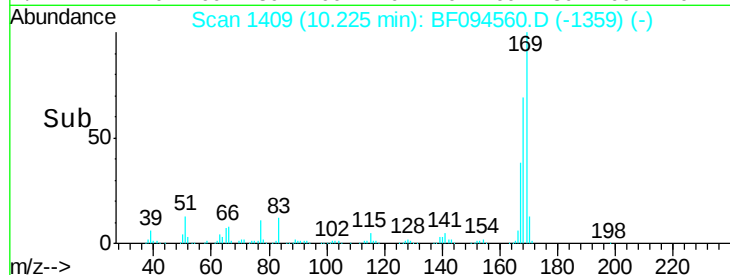
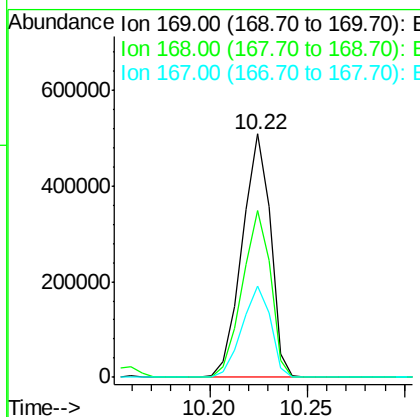
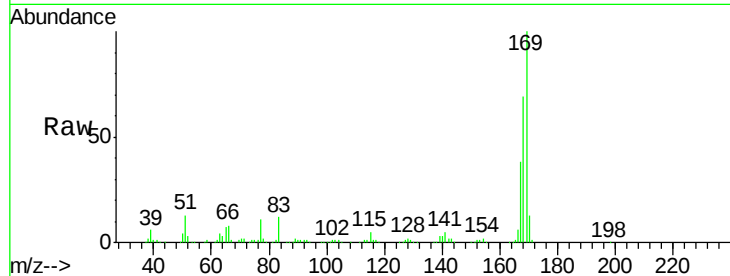
#65
n-Nitrosodiphenylamine
Concen: 44.63 ng
RT: 10.22 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	514328		
168	68.6	53.2	79.8	
167	37.5	29.5	44.3	

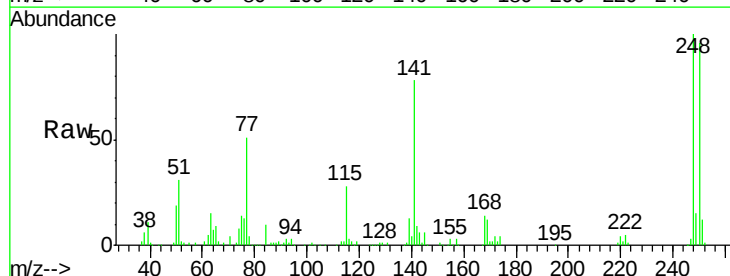
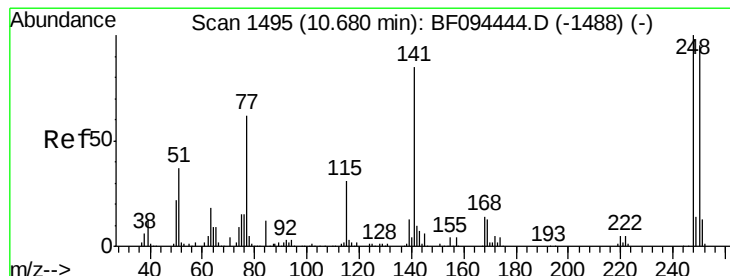
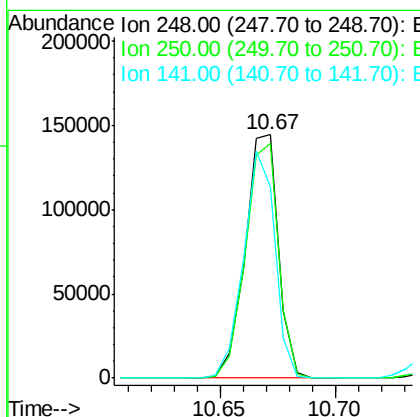
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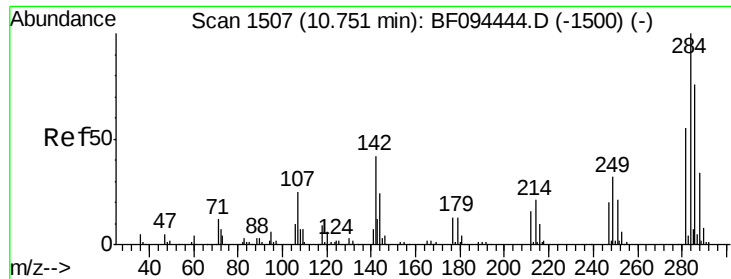
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#66
4-Bromophenyl-phenylether
Concen: 44.04 ng
RT: 10.67 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	144931		
250	96.2	76.8	115.2	
141	78.4	68.6	103.0	





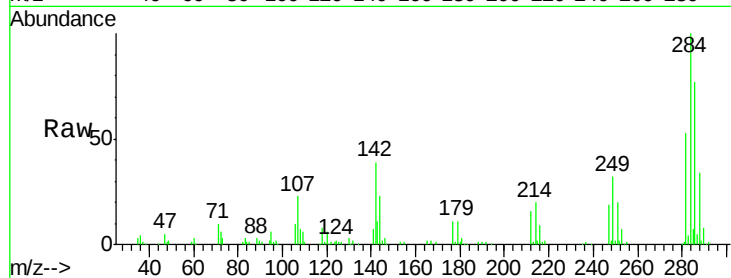
#67
Hexachlorobenzene
Concen: 43.09 ng
RT: 10.74 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

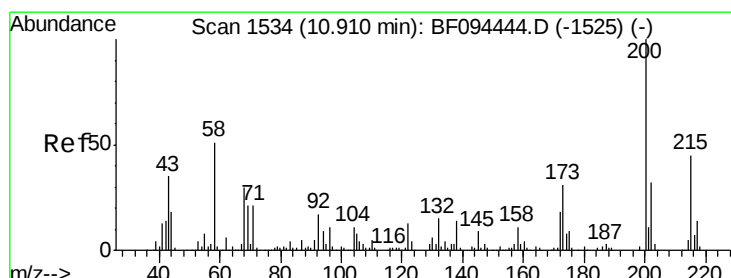
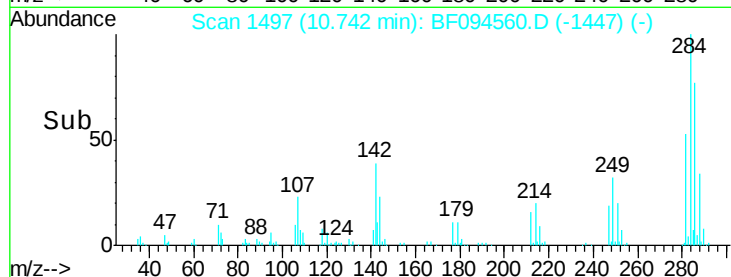
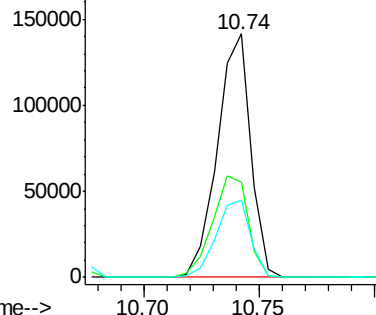
Tot Ion	Ratio	Resp	Lower	Upper
284	100	142888		
142	39.2	22.8	34.2	
249	31.8	24.0	36.0	

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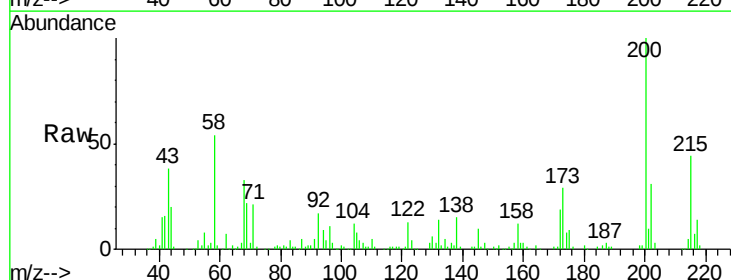


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

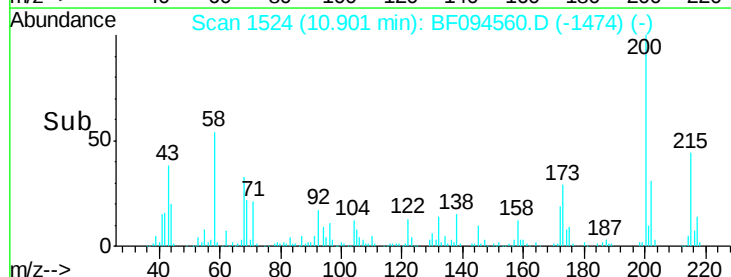
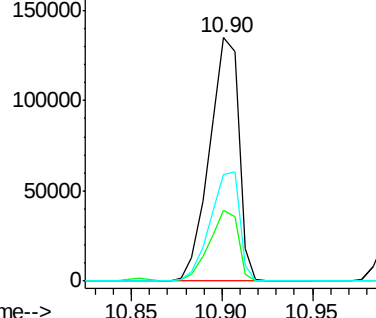


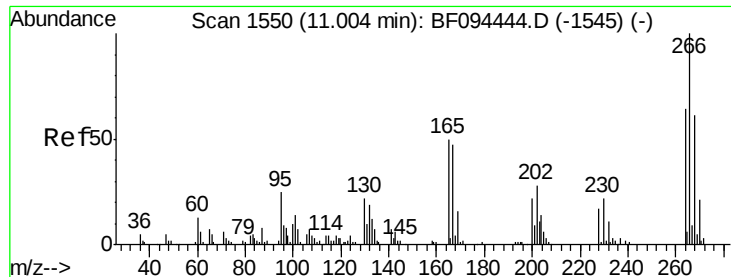
#68
Atrazine
Concen: 44.18 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	152325		
173	29.0	6.3	46.3	
215	43.8	27.2	67.2	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





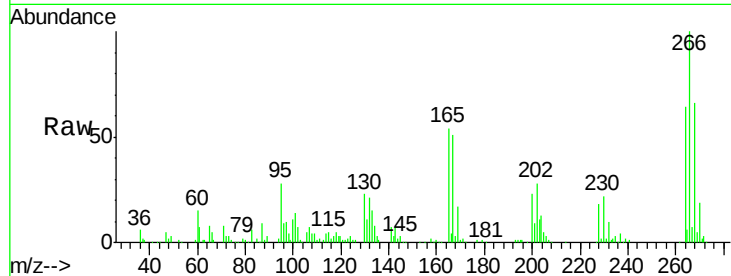
#69
 Pentachlorophenol
 Concen: 118.54 ng
 RT: 11.00 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

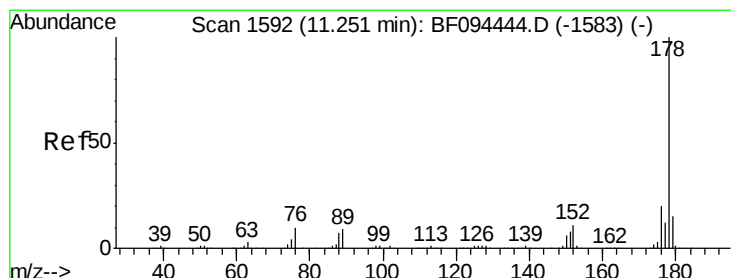
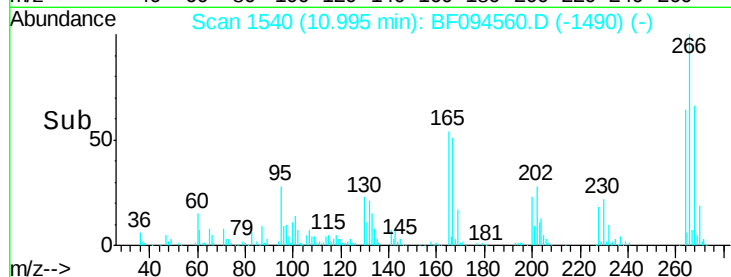
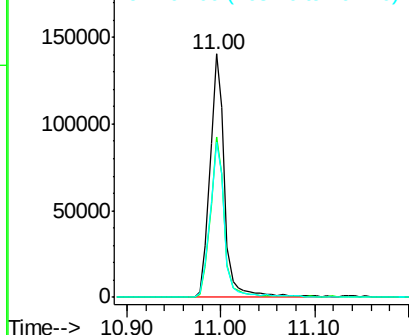
Tot Ion	Ratio	Resp	Lower	Upper
266	100	156088		
268	66.0		51.1	76.7
264	64.0		51.7	77.5

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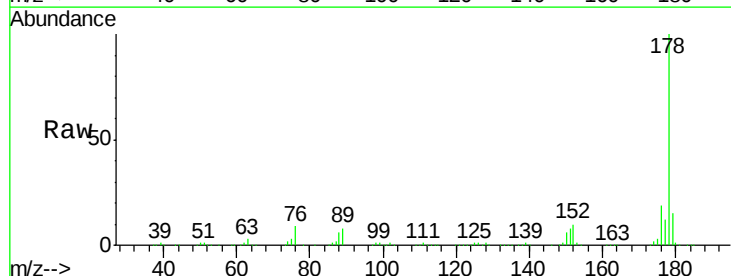


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

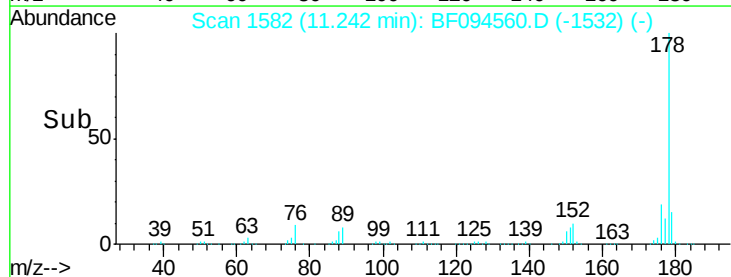
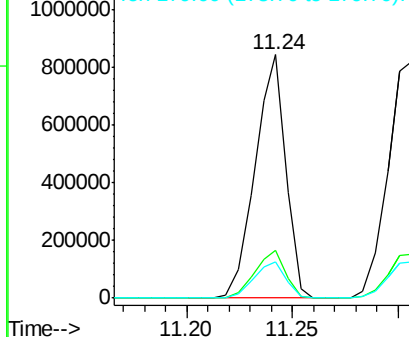


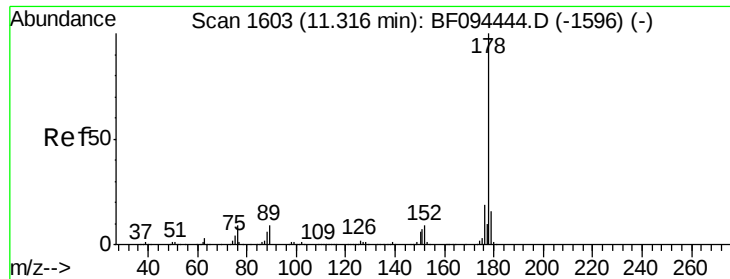
#70
 Phenanthrene
 Concen: 45.29 ng
 RT: 11.24 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	845136		
176	19.5		16.2	24.4
179	15.0		12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





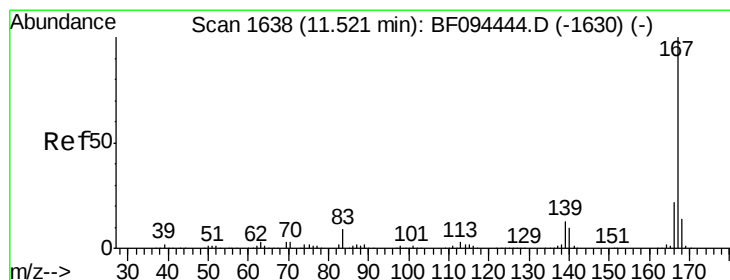
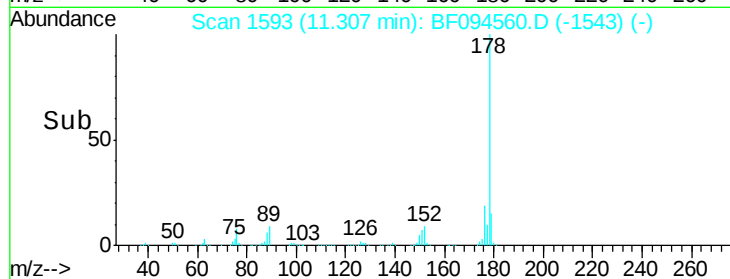
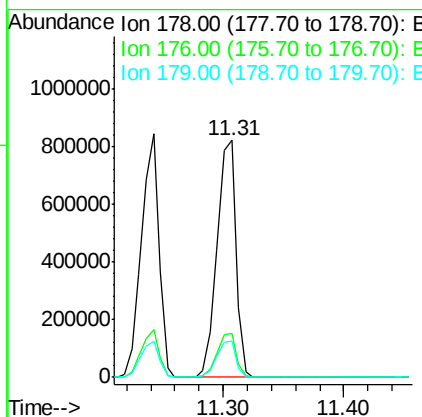
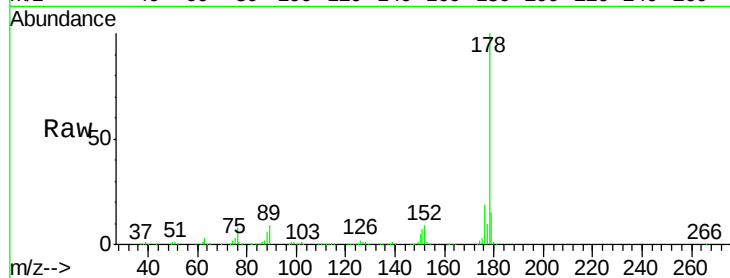
#71
 Anthracene
 Concen: 45.58 ng
 RT: 11.31 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampled :
 PB98329BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.1	12.7	19.1

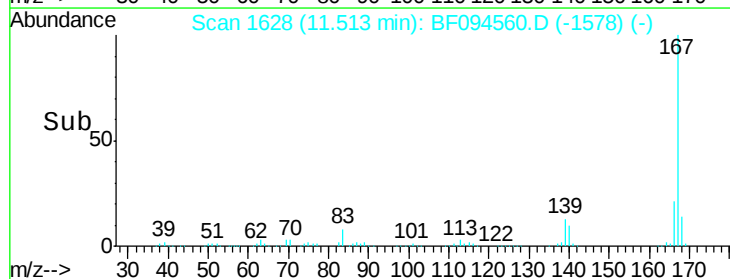
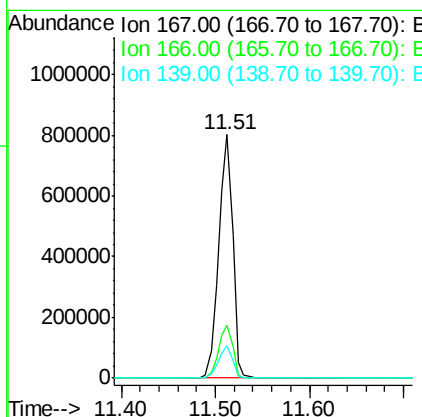
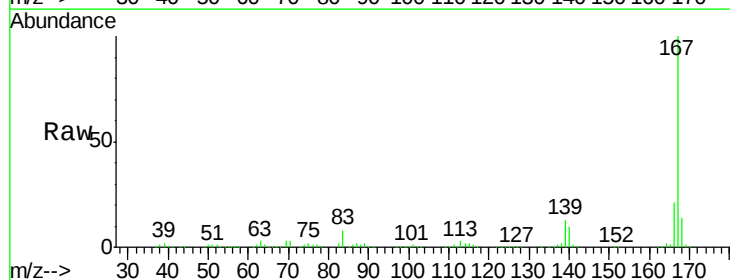
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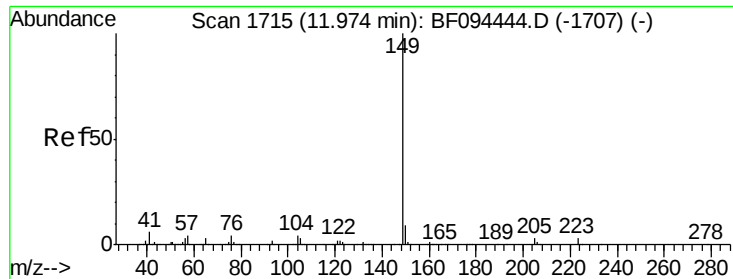
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#72
 Carbazole
 Concen: 46.34 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.1	27.1
139	13.5	11.7	17.5





#73

Di-n-butylphthalate

Concen: 50.49 ng

RT: 11.97 min Scan# 1705

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

ClientSampleId :

PB98329BS

Tot Ion:149 Resp: 1007297

Ion Ratio Lower Upper

149 100

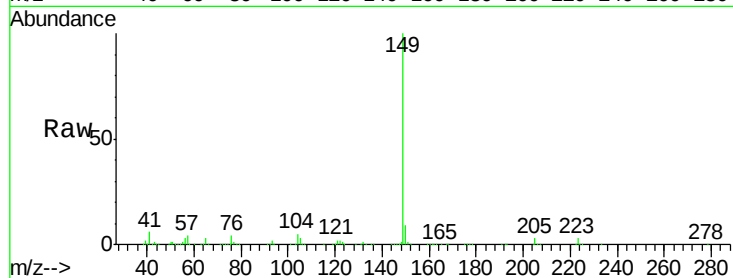
150 9.0 7.7 11.5

104 4.6 4.0 6.0

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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

1200000

1000000

800000

600000

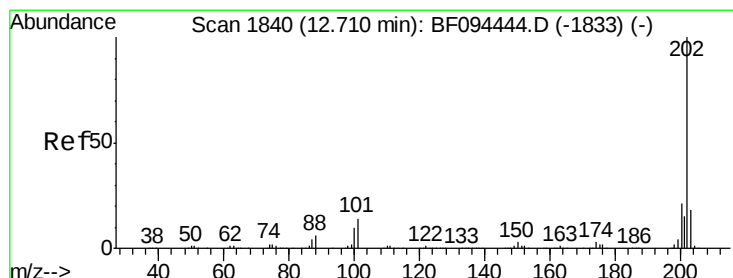
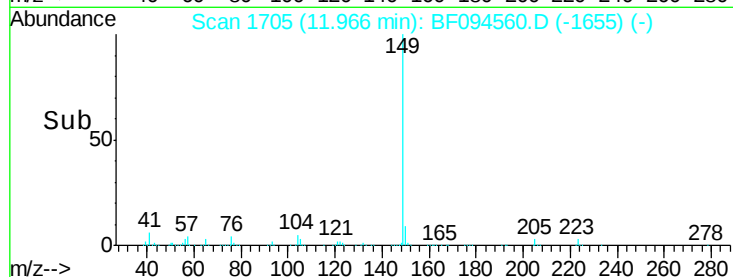
400000

200000

0

11.90 11.95 12.00 12.05

Time-->



#74

Fluoranthene

Concen: 46.66 ng

RT: 12.70 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

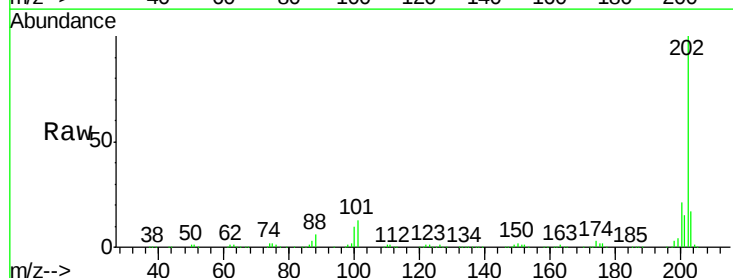
Tgt Ion:202 Resp: 902432

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.2

203 17.0 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

1000000

800000

600000

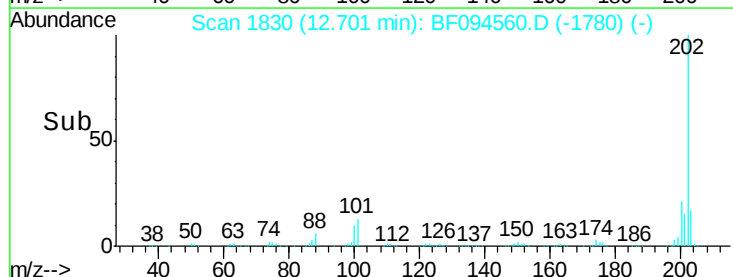
400000

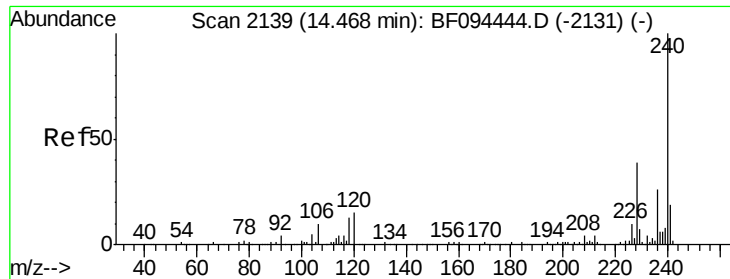
200000

0

12.60 12.70 12.80

Time-->





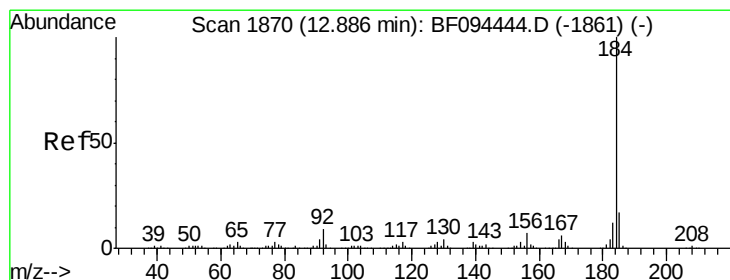
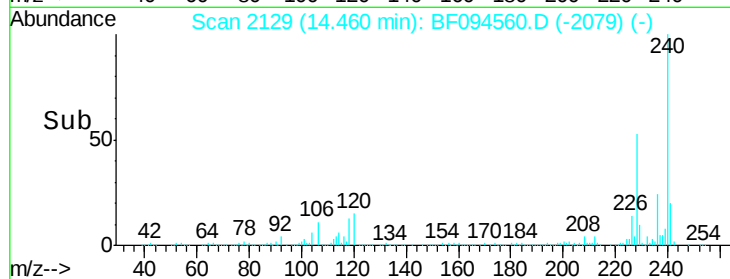
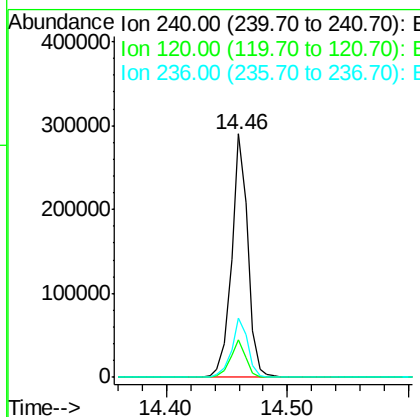
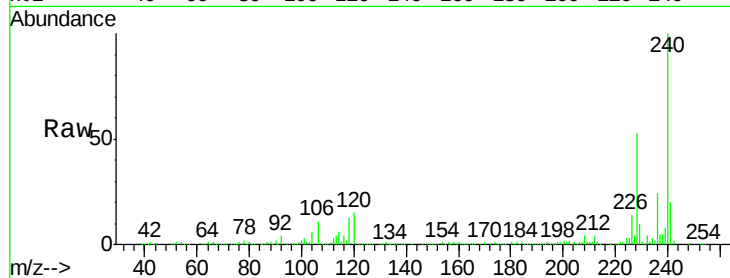
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	24.3	20.5	30.7

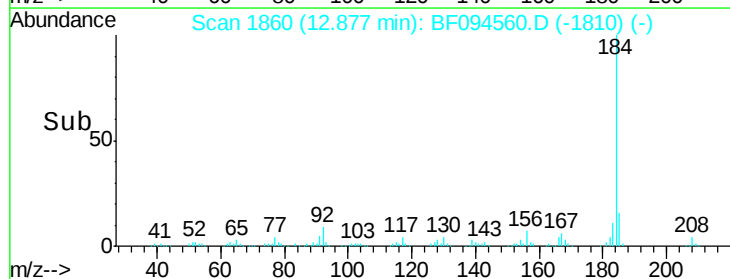
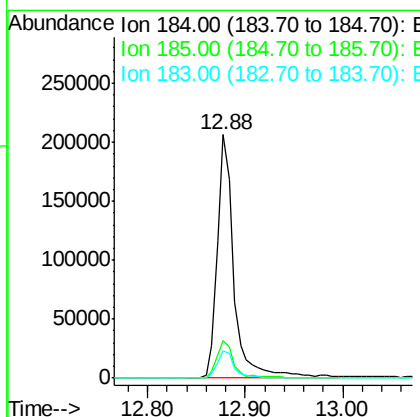
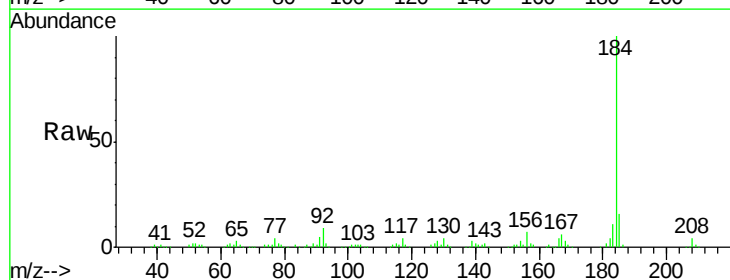
Manual Integrations
APPROVED

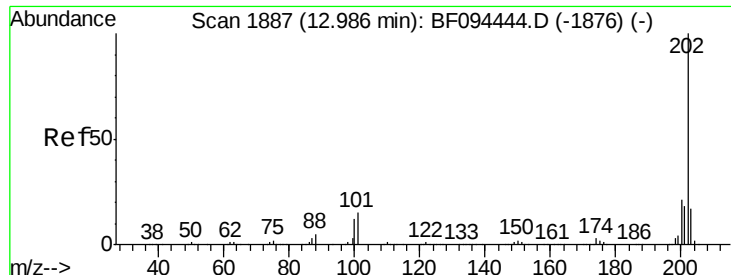
mohammad
4/24/2017 5:12:56 PM



#76
Benzidine
Concen: 22.67 ng
RT: 12.88 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.5	15.5	23.3#
183	11.2	9.8	14.6





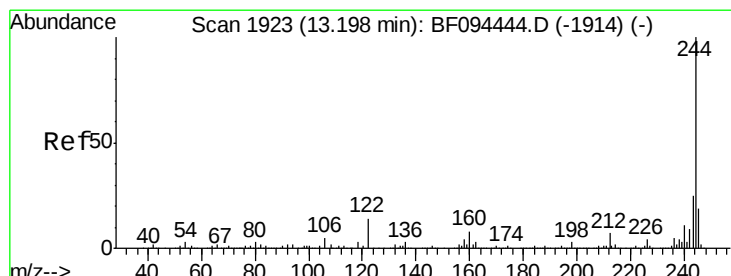
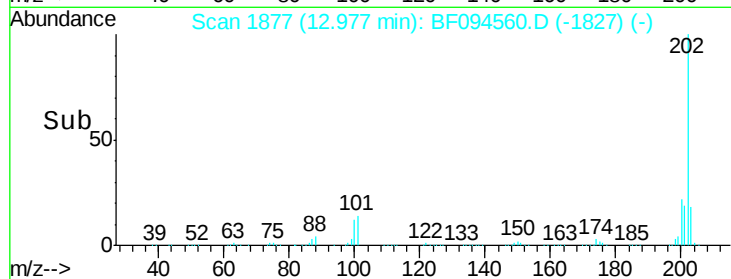
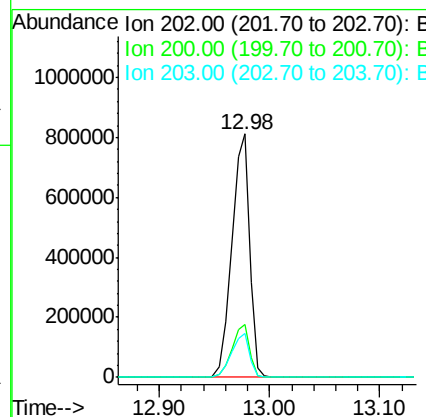
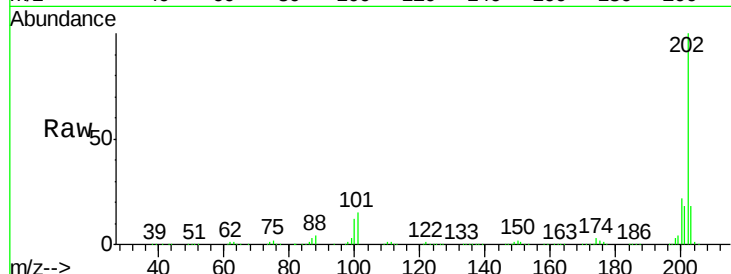
#77
Pvrene
Concen: 48.50 ng
RT: 12.98 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleID :
PB98329BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.6	26.4
203	17.8	14.4	21.6

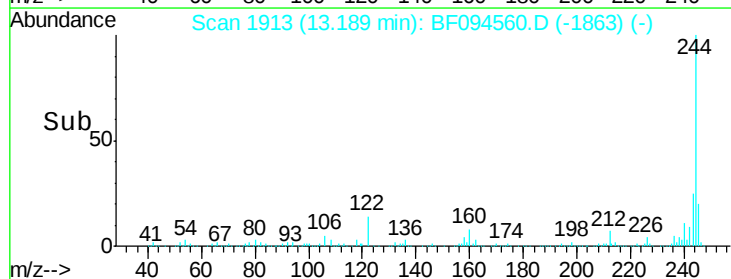
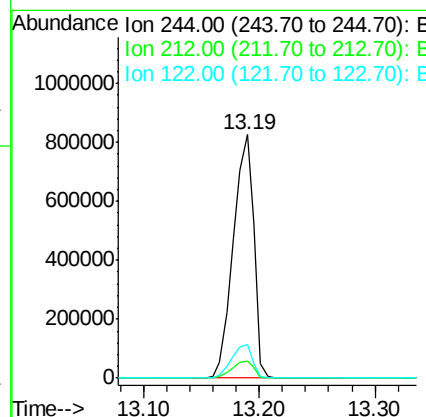
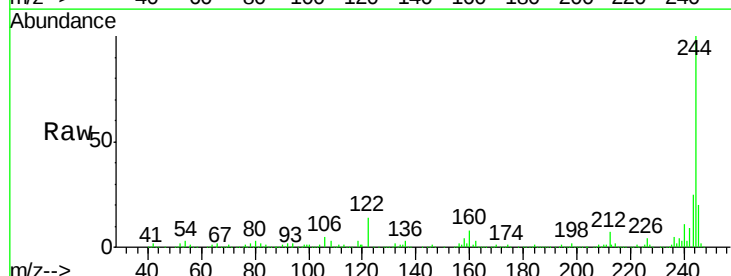
Manual Integrations
APPROVED

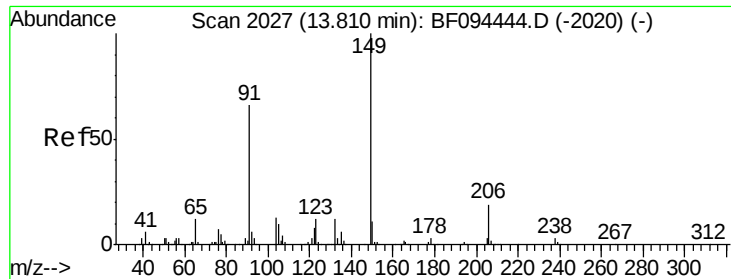
mohammad
4/24/2017 5:12:56 PM



#78
Terphenyl-d14
Concen: 100.75 ng
RT: 13.19 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.1	10.3	15.5





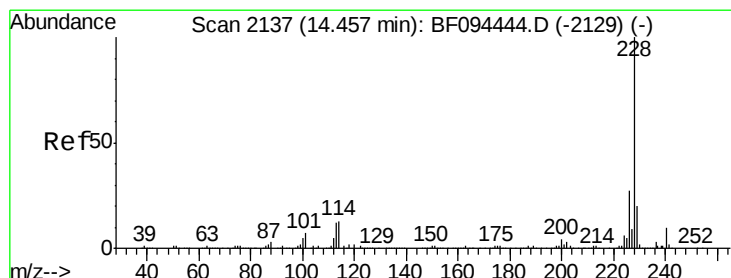
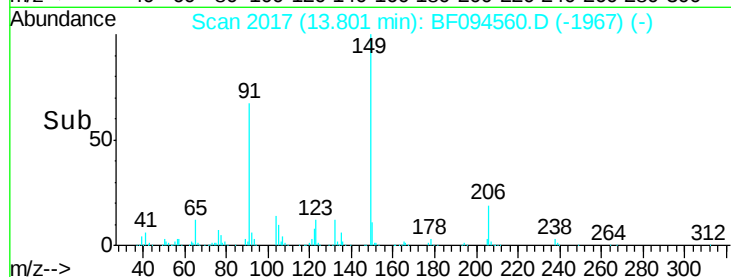
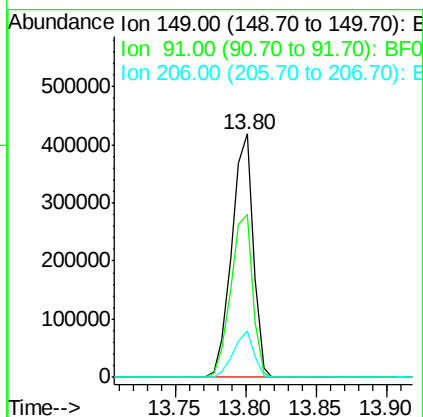
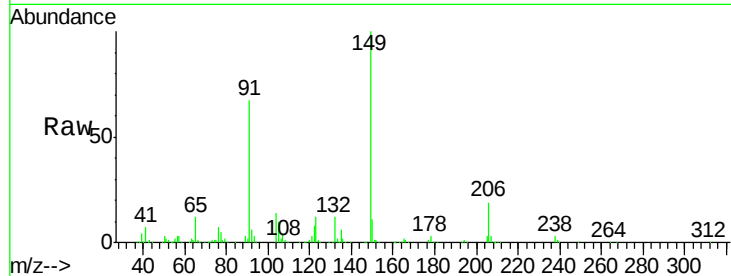
#79
Butylbenzylphthalate
Concen: 53.61 ng
RT: 13.80 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampled :
PB98329BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.0	45.0	67.4
206	19.2	17.0	25.6

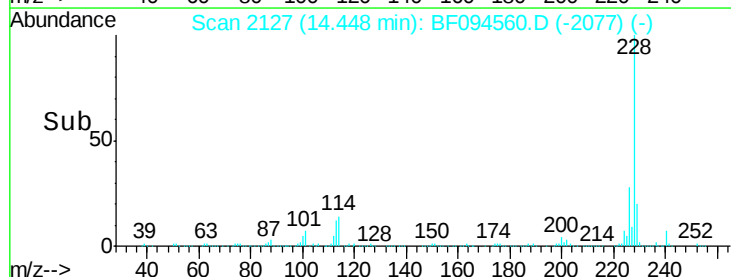
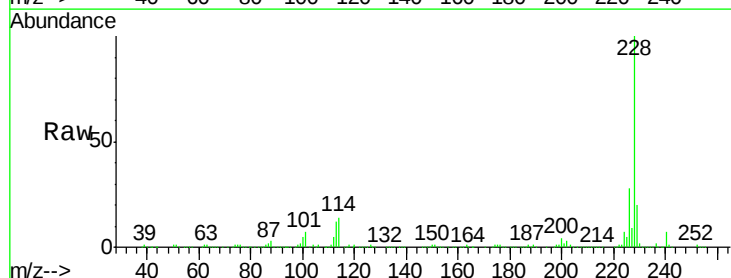
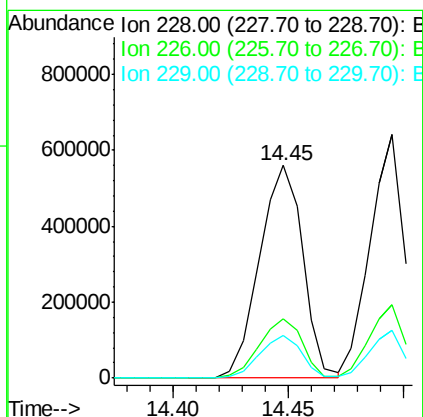
Manual Integrations
APPROVED

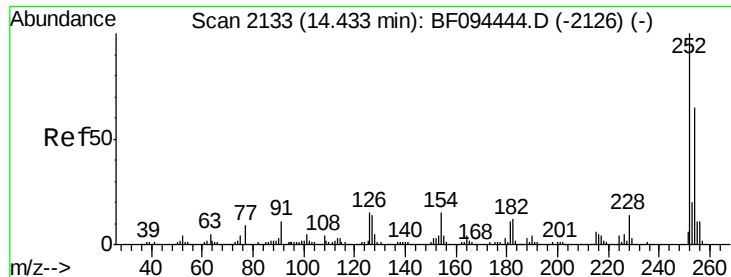
mohammad
4/24/2017 5:12:56 PM



#80
Benzo(a)anthracene
Concen: 46.51 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.8	16.3	24.5





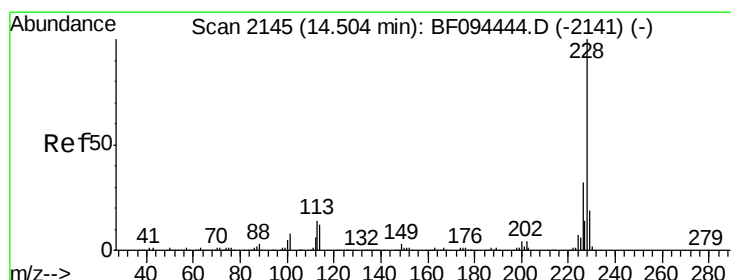
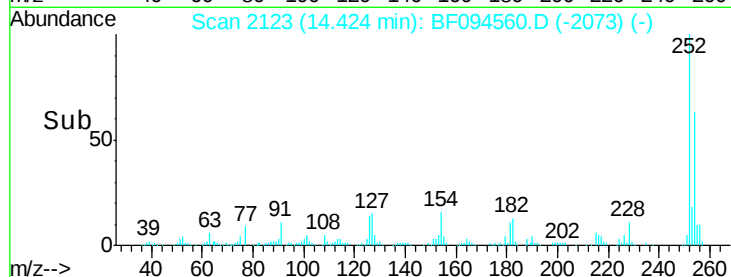
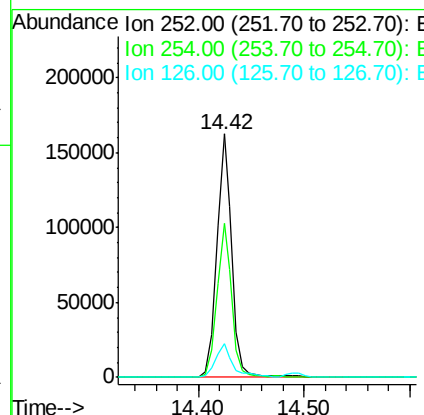
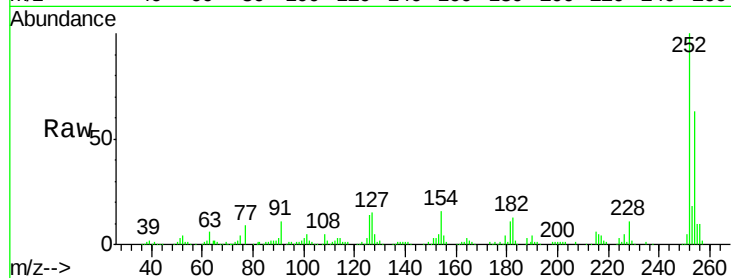
#81
 3,3'-Dichlorobenzidine
 Concen: 29.41 ng
 RT: 14.42 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	163259		
254	63.1		51.5	77.3
126	13.9		15.8	23.8

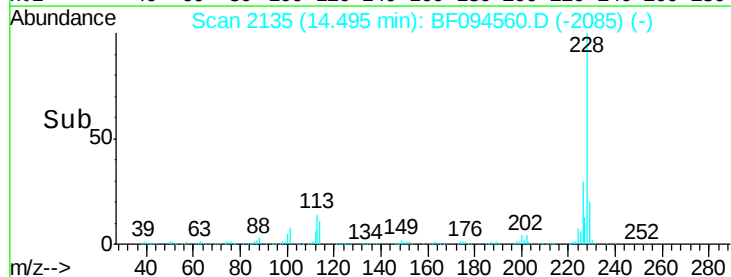
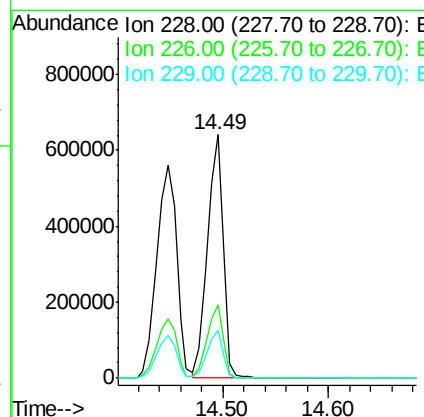
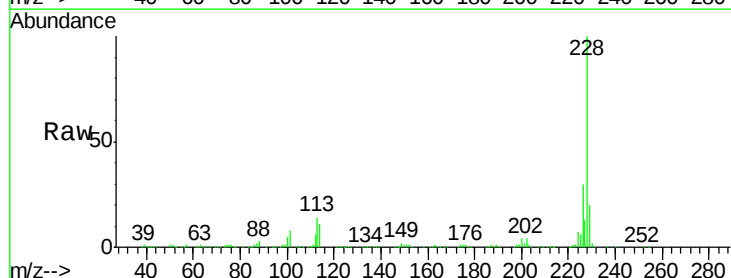
Manual Integrations
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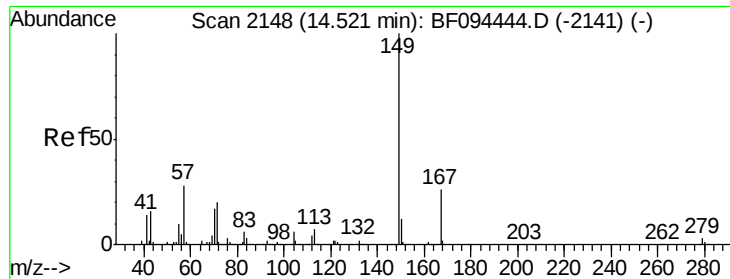
mohammad
 4/24/2017 5:12:56 PM



#82
 Chrysene
 Concen: 46.02 ng
 RT: 14.49 min Scan# 2135
 Delta R.T. -0.01 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	659680		
226	30.4		24.9	37.3
229	19.6		15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.92 ng

RT: 14.52 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Instrument :

BNA_F

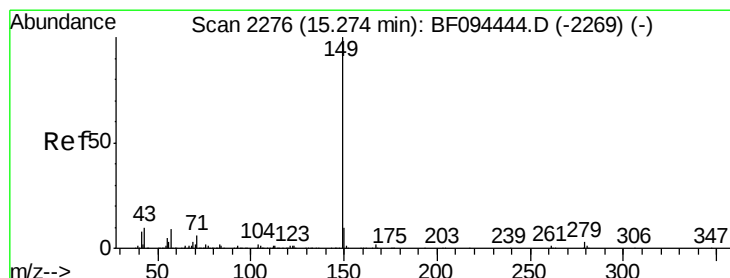
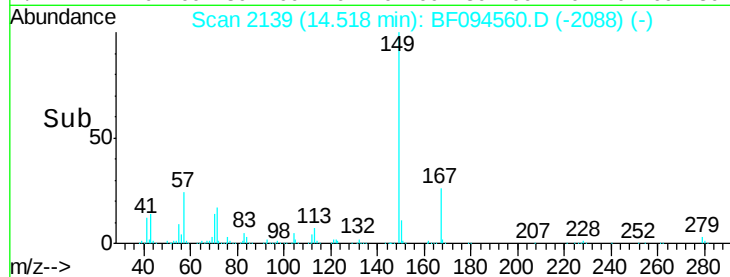
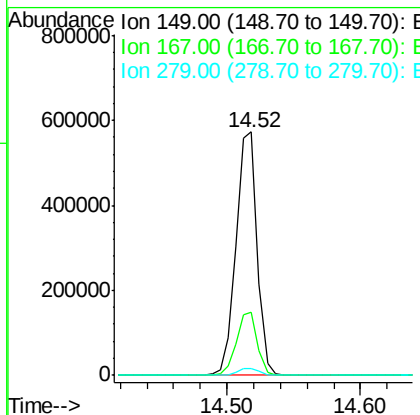
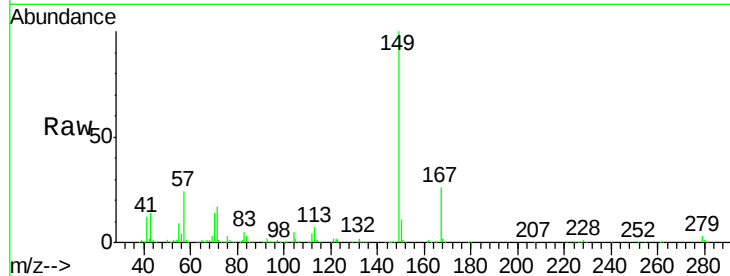
ClientSampleId :

PB98329BS

Tot Ion:	149	Resp:	631410
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.0	31.4
279	3.0	1.9	2.9#

Manual Integrations
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mohammad
4/24/2017 5:12:56 PM



#84

Di-n-octyl phthalate

Concen: 52.76 ng

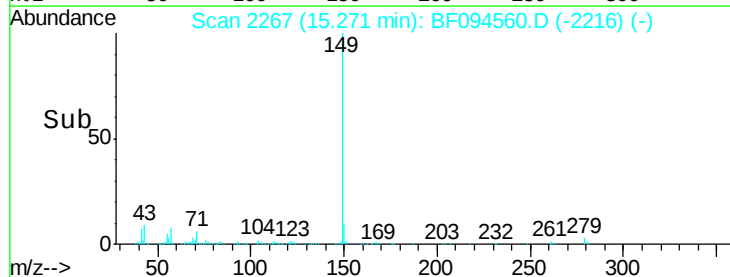
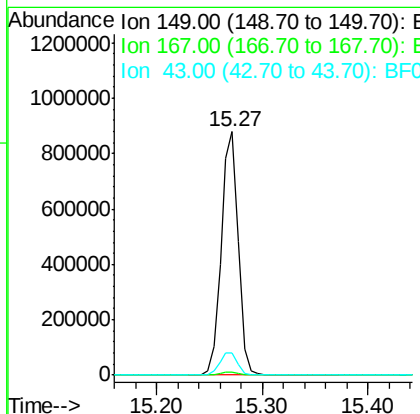
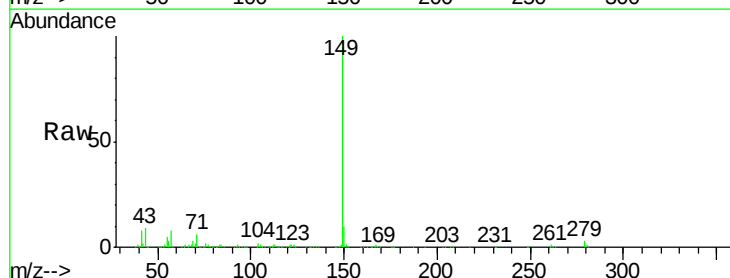
RT: 15.27 min Scan# 2267

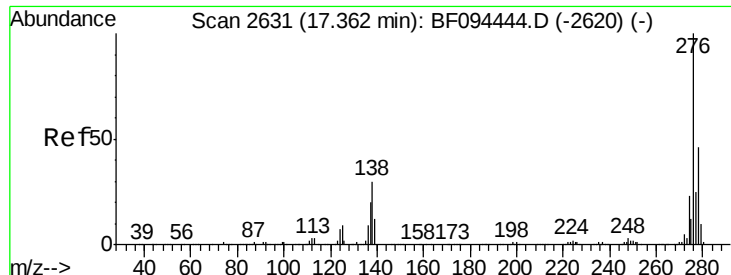
Delta R.T. -0.00 min

Lab File: BF094560.D

Acq: 21 Apr 2017 13:28

Tgt Ion:	149	Resp:	981657
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.6	8.5	12.7





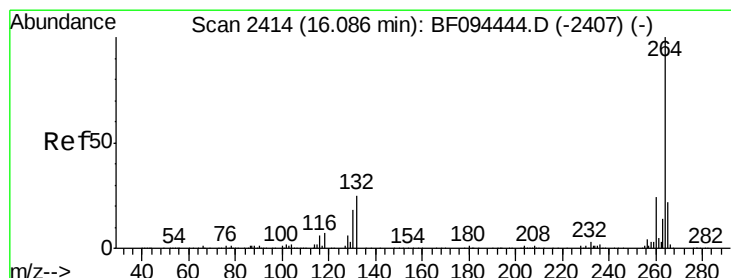
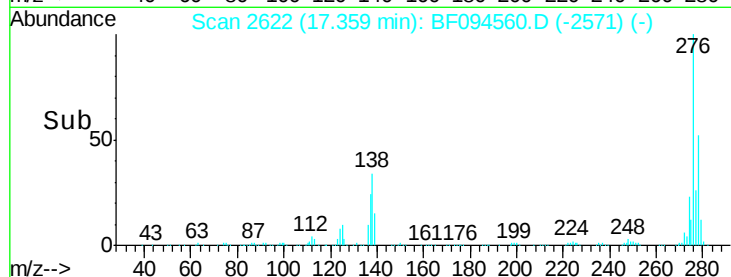
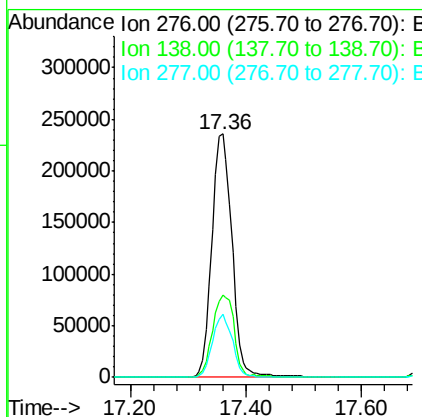
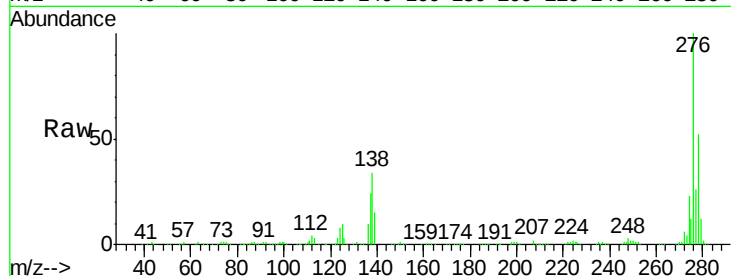
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.43 ng
RT: 17.36 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.5	27.8	41.6
277	25.4	20.2	30.4

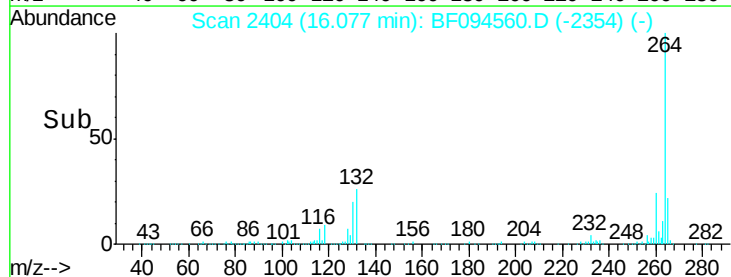
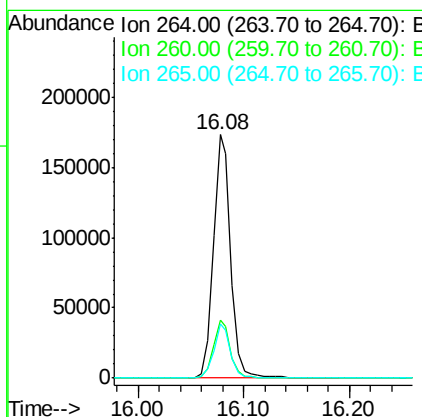
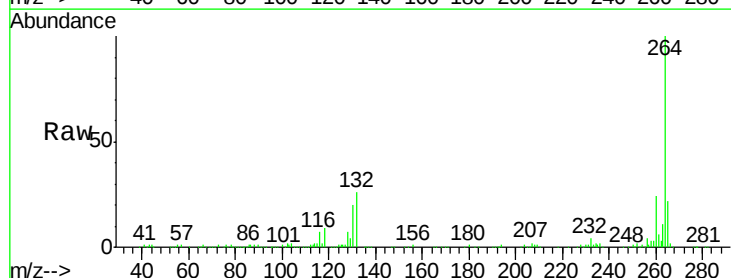
Manual Integrations
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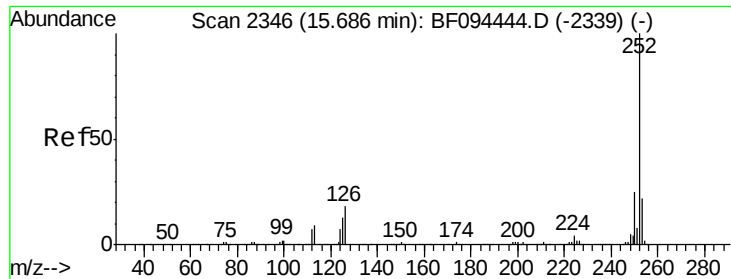
mohammad
4/24/2017 5:12:56 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	22.3	17.2	25.8





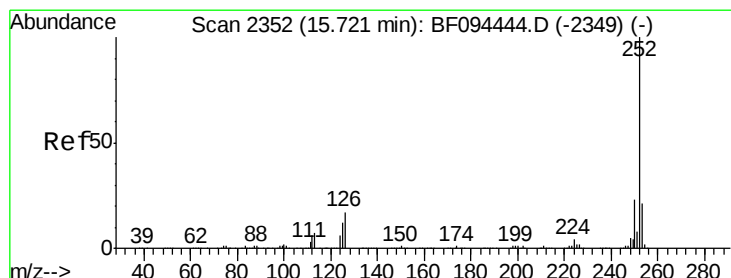
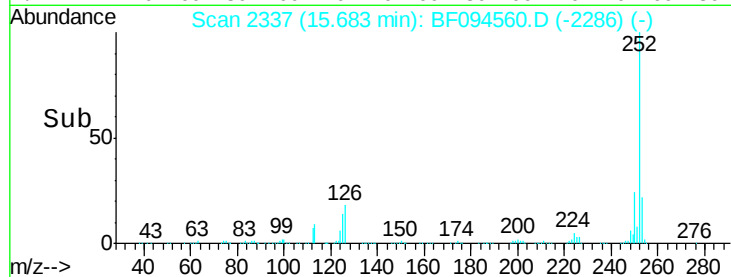
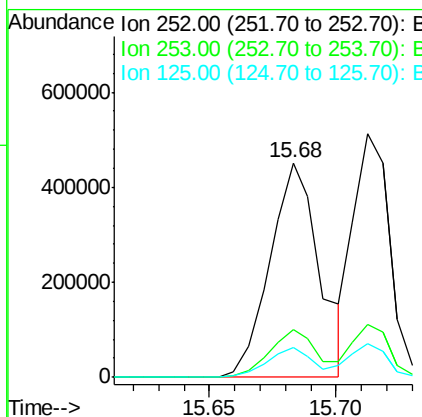
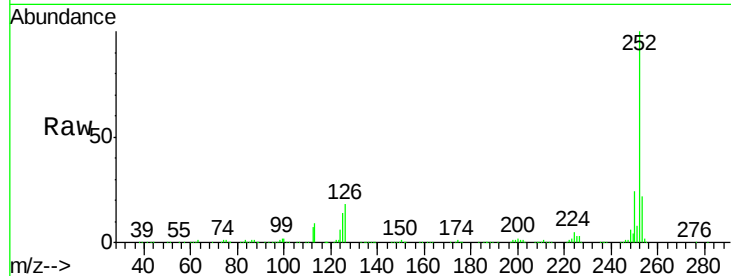
#87
Benzo(b)fluoranthene
Concen: 50.34 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	14.0	9.8	14.8

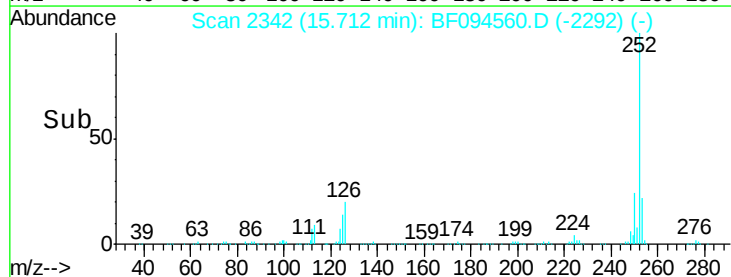
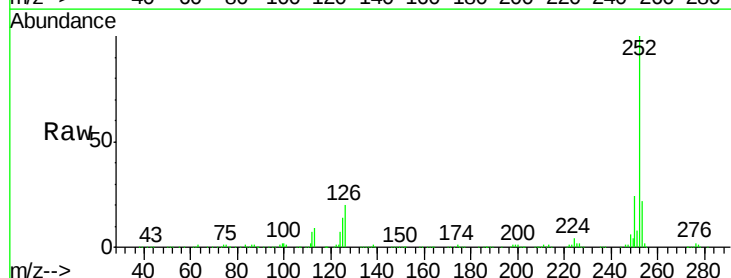
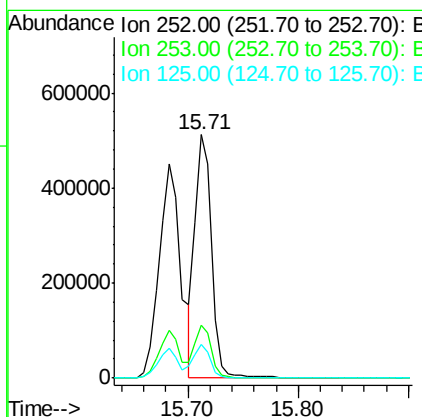
Manual Integrations
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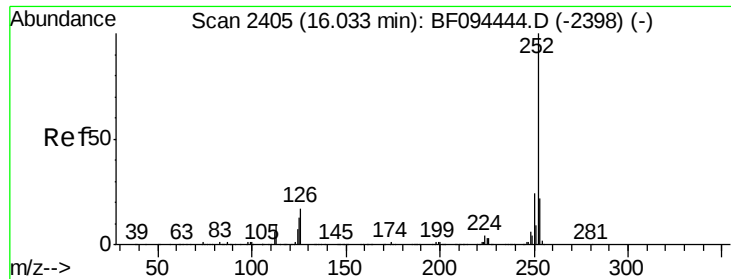
mohammad
4/24/2017 5:12:56 PM



#88
Benzo(k)fluoranthene
Concen: 45.03 ng
RT: 15.71 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	14.0	13.1	19.7





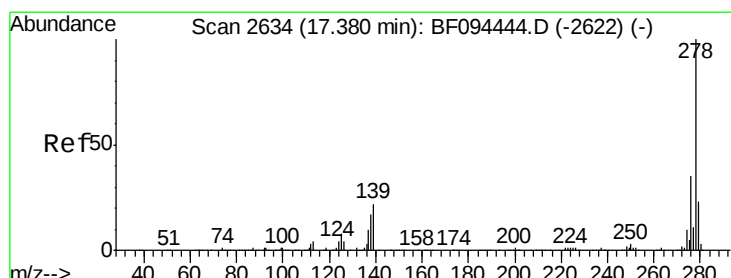
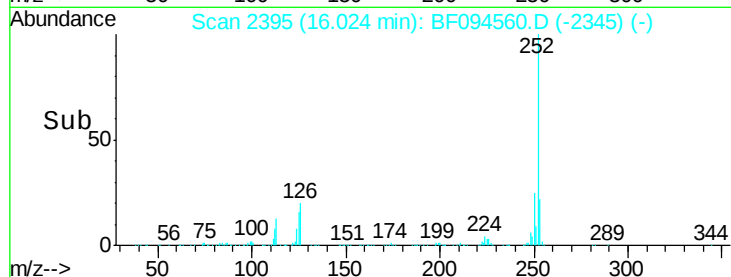
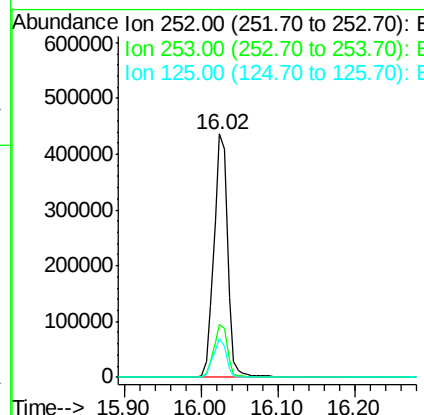
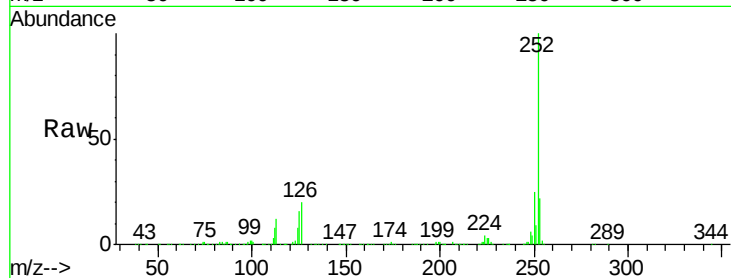
#89
Benzo(a)pyrene
Concen: 46.97 ng
RT: 16.02 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Instrument :
BNA_F
ClientSampleId :
PB98329BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	15.8	11.0	16.4

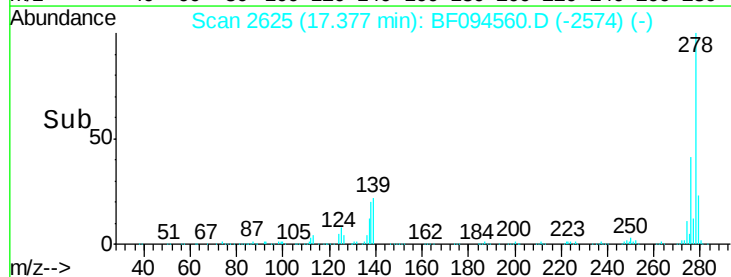
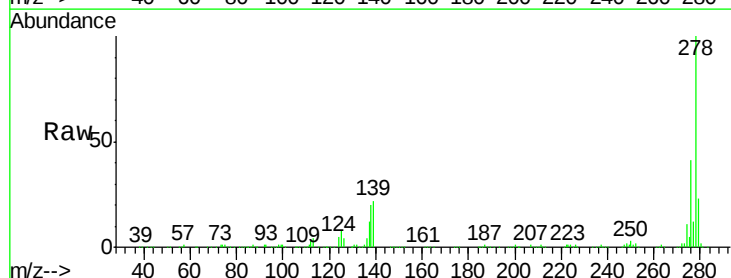
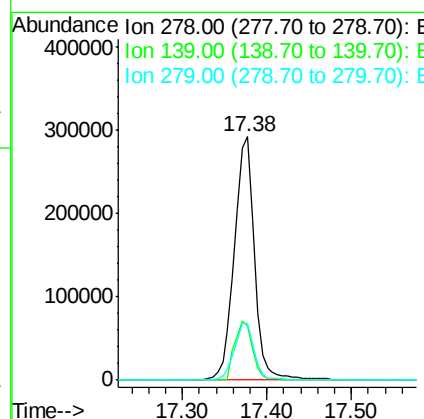
Manual Integrations
APPROVED

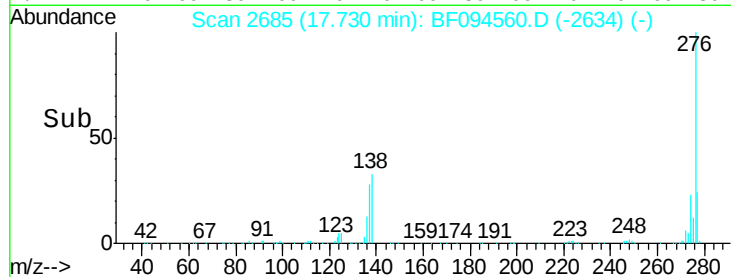
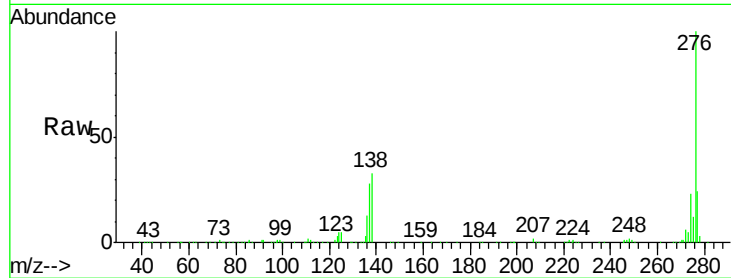
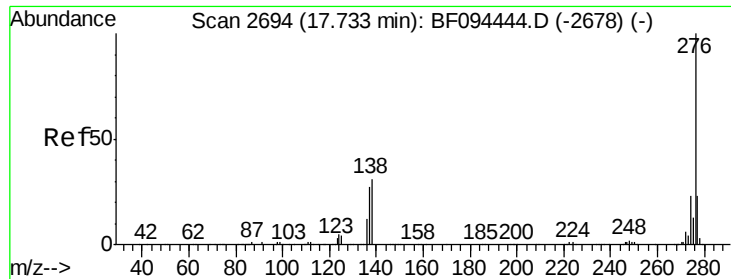
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 50.80 ng
RT: 17.38 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BF094560.D
Acq: 21 Apr 2017 13:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	23.2	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 50.99 ng
 RT: 17.73 min Scan# 2685
 Delta R.T. -0.00 min
 Lab File: BF094560.D
 Acq: 21 Apr 2017 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB98329BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	32.9	25.4	38.0

Manual Integrations
 APPROVED

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