

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094713.D
 Acq On : 30 Apr 2017 14:37
 Operator : SJ/MA
 Sample : PB98552BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BS

Manual Integrations
 APPROVED

mohammad
 5/1/2017 7:50:47 PM

Quant Time: May 01 16:26:17 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	5.77	152	113447	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	463009	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	219160	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	402950	20.00	ng	0.00
75) Chrysene-d12	14.47	240	316627	20.00	ng	0.00
86) Perylene-d12	16.09	264	215319	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.33	112	576294	84.28	ng	0.03
7) Phenol-d6	5.40	99	678103	84.12	ng	0.00
23) Nitrobenzene-d5	6.42	82	615860	82.13	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	157726	92.01	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1209236	81.18	ng	0.00
78) Terphenyl-d14	13.19	244	1100192	92.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	99236	24.95	ng	97
3) Pyridine	2.65	79	285224	32.82	ng	99
4) n-Nitrosodimethylamine	2.63	42	128953	35.86	ng	86
6) Aniline	5.40	93	291412	27.20	ng	# 79
8) 2-Chlorophenol	5.54	128	323871	41.62	ng	96
9) Benzaldehyde	5.27	77	64507	10.52	ng	99
10) Phenol	5.41	94	394081	39.79	ng	93
11) bis(2-Chloroethyl)ether	5.48	93	286564	39.61	ng	95
12) 1,3-Dichlorobenzene	5.70	146	336210	39.00	ng	98
13) 1,4-Dichlorobenzene	5.79	146	337721	38.94	ng	98
14) 1,2-Dichlorobenzene	5.96	146	317309	39.72	ng	98
15) Benzyl Alcohol	5.95	79	246716	41.26	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	373876	39.42	ng	# 36
17) 2-Methylphenol	6.09	107	260799	42.56	ng	93
18) Hexachloroethane	6.35	117	115680	38.91	ng	89
19) n-Nitroso-di-n-propylamine	6.26	70	222059	41.57	ng	93
20) 3+4-Methylphenols	6.27	107	361898	43.46	ng	# 61
22) Acetophenone	6.24	105	451261	40.08	ng	# 85
24) Nitrobenzene	6.44	77	313543	39.71	ng	93
25) Isophorone	6.73	82	576674	41.49	ng	95
26) 2-Nitrophenol	6.81	139	178610	42.10	ng	97
27) 2,4-Dimethylphenol	6.89	122	289292	41.98	ng	95
28) bis(2-Chloroethoxy)methane	6.99	93	372976	41.48	ng	99
29) 2,4-Dichlorophenol	7.11	162	283161	44.17	ng	97
30) 1,2,4-Trichlorobenzene	7.20	180	267242	40.32	ng	99
31) Naphthalene	7.29	128	905572	40.68	ng	99
32) Benzoic acid	7.05	122	73219	20.09	ng	92
33) 4-Chloroaniline	7.37	127	77404	8.36	ng	# 93
34) Hexachlorobutadiene	7.44	225	134637	40.75	ng	98
35) Caprolactam	7.83	113	96243m	47.79	ng	
36) 4-Chloro-3-methylphenol	8.00	107	291668	43.42	ng	93
37) 2-Methylnaphthalene	8.12	142	640515	42.06	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	250552	40.15	ng	100
40) Hexachlorocyclopentadiene	8.32	237	201944	79.99	ng	100

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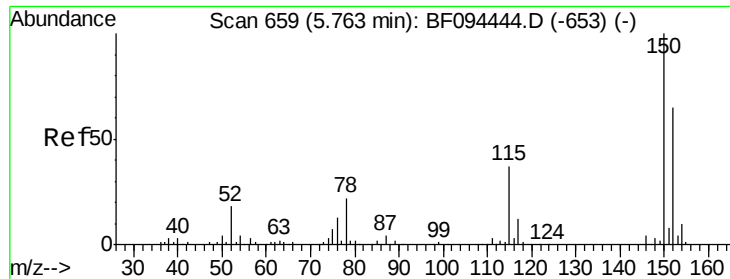
Manual Integrations
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 5/1/2017 7:50:47 PM

Quant Time: May 01 16:26:17 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)
42) 2,4,6-Trichlorophenol	8.49	196	189161	43.16	nq	98
43) 2,4,5-Trichlorophenol	8.55	196	196377	43.63	nq	95
45) 1,1'-Biphenyl	8.70	154	733505	40.96	nq	98
46) 2-Chloronaphthalene	8.72	162	585139	41.10	nq	95
47) 2-Nitroaniline	8.86	65	166993	40.77	nq	87
48) Acenaphthylene	9.22	152	924518	41.65	nq	99
49) Dimethylphthalate	9.10	163	725628	44.43	nq	99
50) 2,6-Dinitrotoluene	9.17	165	162063	44.21	nq	# 89
51) Acenaphthene	9.44	154	548081	41.23	nq	99
52) 3-Nitroaniline	9.37	138	80912	19.08	nq	90
53) 2,4-Dinitrophenol	9.52	184	68254	37.60	nq	# 67
54) Dibenzofuran	9.65	168	826492	42.78	nq	98
55) 4-Nitrophenol	9.64	139	219610m	73.29	nq	
56) 2,4-Dinitrotoluene	9.67	165	210586	46.82	nq	98
57) Fluorene	10.07	166	639204	42.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	141268	43.79	nq	# 95
59) Diethylphthalate	9.97	149	679169	44.07	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	279127	44.58	nq	93
61) 4-Nitroaniline	10.13	138	157964	36.64	nq	96
62) Azobenzene	10.28	77	642099	42.91	nq	92
64) 4,6-Dinitro-2-methylphenol	10.17	198	70772	26.81	nq	# 69
65) n-Nitrosodiphenylamine	10.23	169	590121	42.11	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	173510	43.36	nq	97
67) Hexachlorobenzene	10.75	284	172332	42.74	nq	# 93
68) Atrazine	10.91	200	163681	39.04	nq	97
69) Pentachlorophenol	11.01	266	122740	76.66	nq	99
70) Phenanthrene	11.25	178	934159	41.17	nq	99
71) Anthracene	11.31	178	967072	41.20	nq	99
72) Carbazole	11.52	167	895820	40.66	nq	97
73) Di-n-butylphthalate	11.97	149	1112397	45.86	nq	98
74) Fluoranthene	12.71	202	985759	41.92	nq	98
76) Benzidine	12.88	184	331078	25.82	nq	# 93
77) Pyrene	12.99	202	981401	44.36	nq	98
79) Butylbenzylphthalate	13.81	149	463054	47.76	nq	88
80) Benzo(a)anthracene	14.46	228	787816	42.81	nq	99
81) 3,3'-Dichlorobenzidine	14.44	252	181418	27.85	nq	# 95
82) Chrysene	14.51	228	688186	40.92	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	640541	49.21	nq	# 100
84) Di-n-octyl phthalate	15.27	149	1013458	46.42	nq	96
85) Indeno(1,2,3-cd)pyrene	17.38	276	545562	34.09	nq	99
87) Benzo(b)fluoranthene	15.69	252	631921	47.98	nq	98
88) Benzo(k)fluoranthene	15.72	252	543082m	43.57	nq	
89) Benzo(a)pyrene	16.04	252	530788	43.32	nq	99
90) Dibenzo(a,h)anthracene	17.39	278	454046	44.62	nq	97
91) Benzo(g,h,i)perylene	17.76	276	454281	43.85	nq	96

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



#1

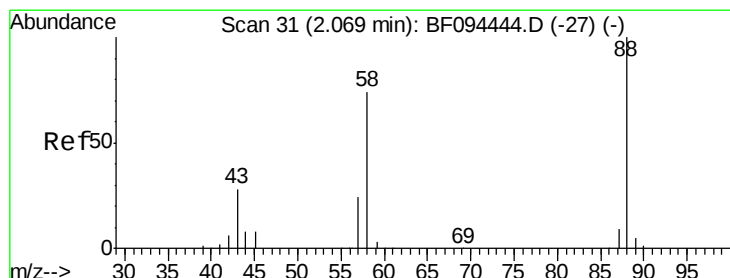
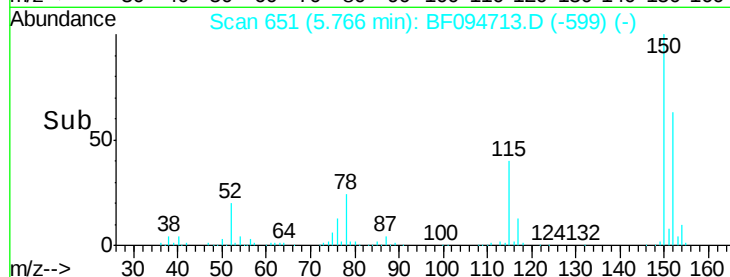
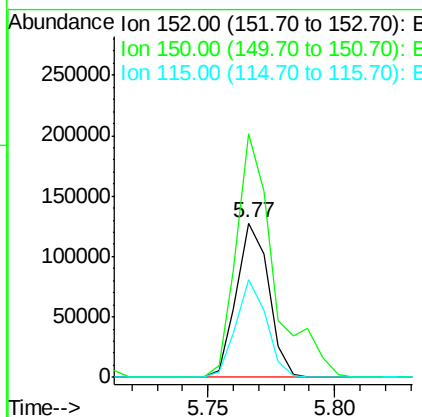
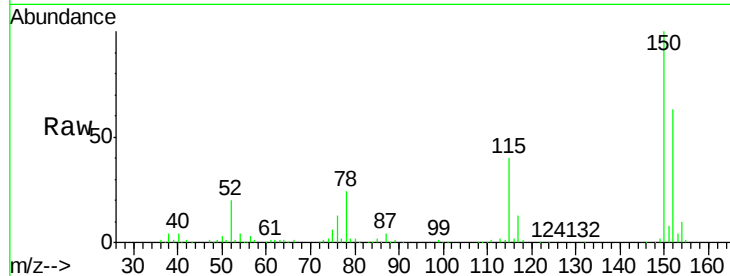
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampled :
PB98552BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.2	189.2
115	63.1	52.2	78.2

Manual Integrations
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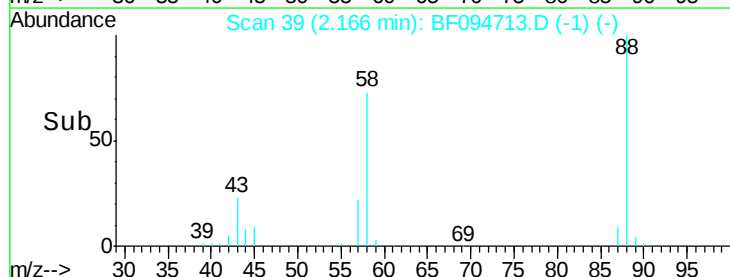
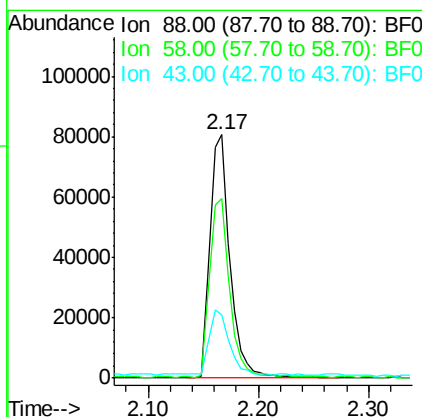
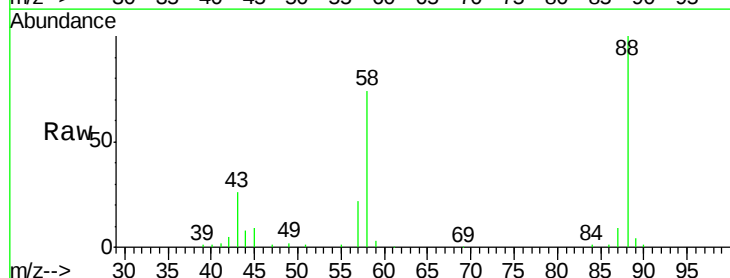
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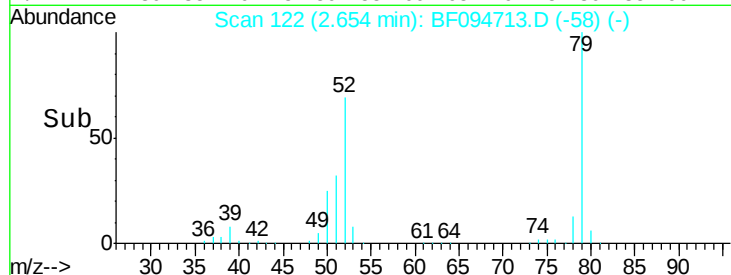
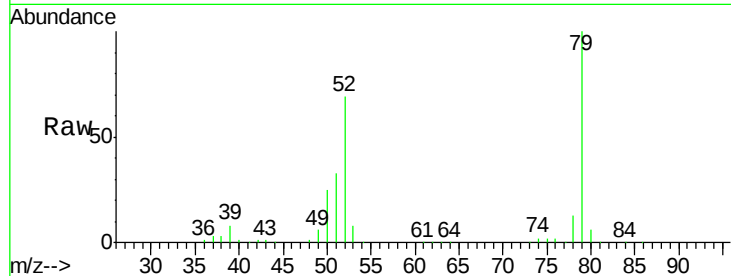
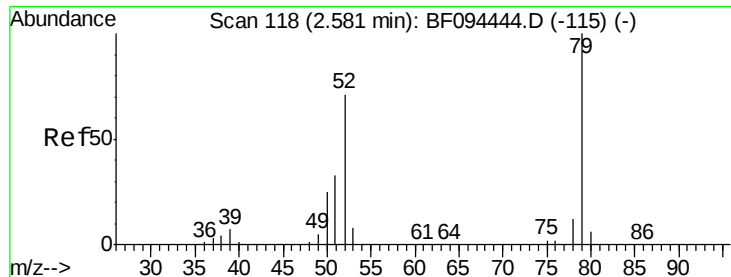


#2

1,4-Dioxane
Concen: 24.95 ng
RT: 2.17 min Scan# 39
Delta R.T. 0.10 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.9	61.4	92.0
43	26.8	23.4	35.0





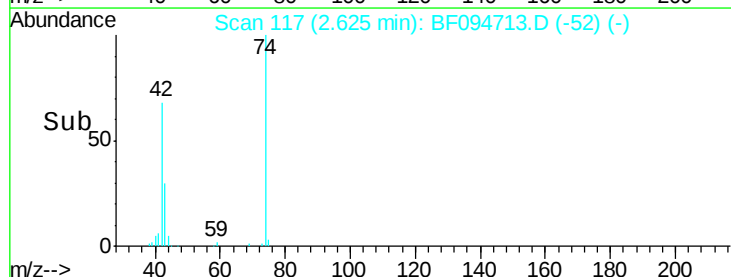
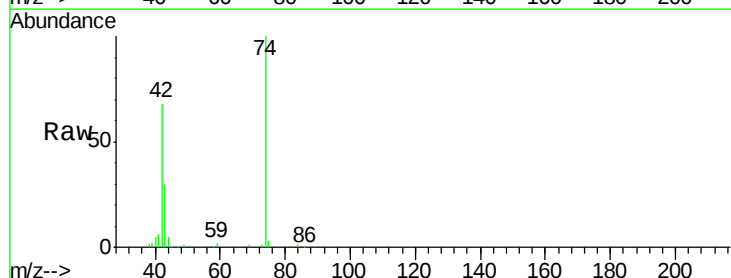
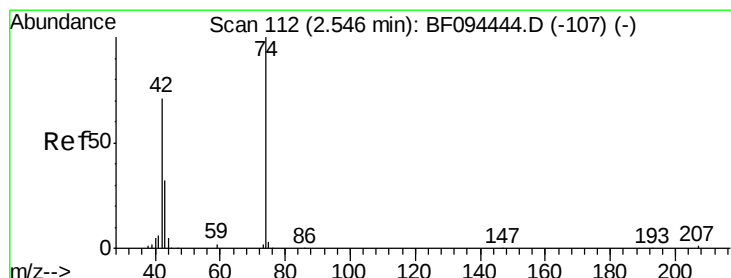
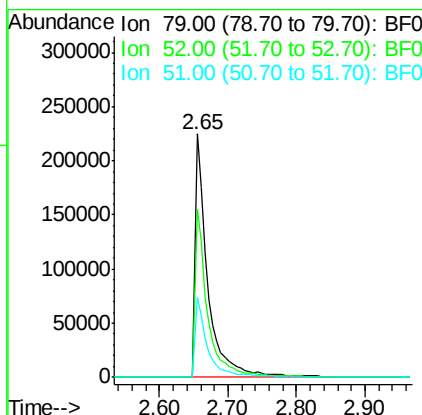
#3
 Pvridine
 Concen: 32.82 ng
 RT: 2.65 min Scan# 122
 Delta R.T. 0.07 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tot Ion	Ratio	Lower	Upper
79	100		
52	69.3	54.8	82.2
51	32.6	27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BS

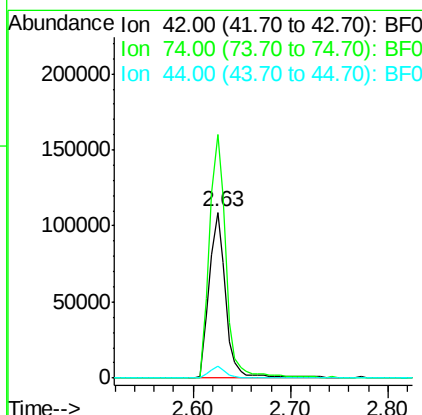
Manual Integrations
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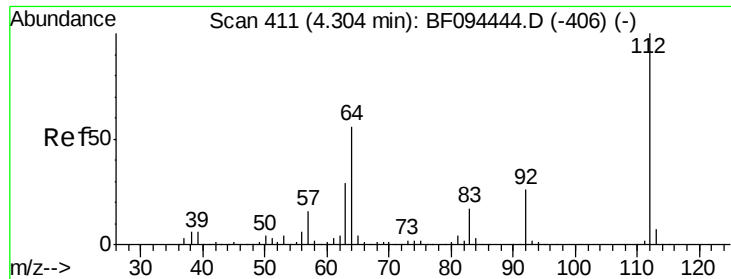
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#4
 n-Nitrosodimethylamine
 Concen: 35.86 ng
 RT: 2.63 min Scan# 117
 Delta R.T. 0.08 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.0	103.9	155.9
44	7.0	5.7	8.5





#5

2-Fluorophenol

Concen: 84.28 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

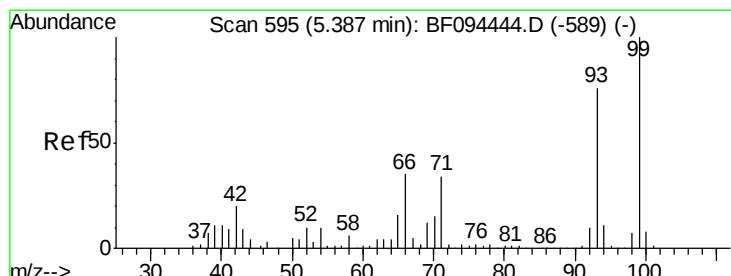
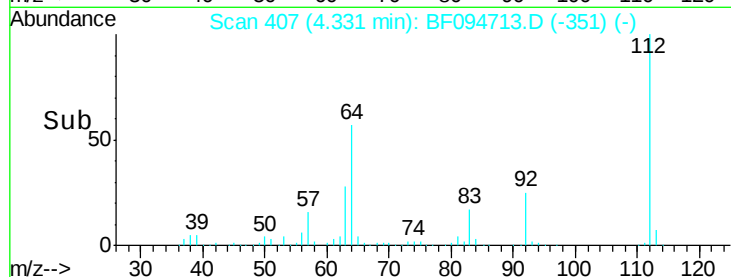
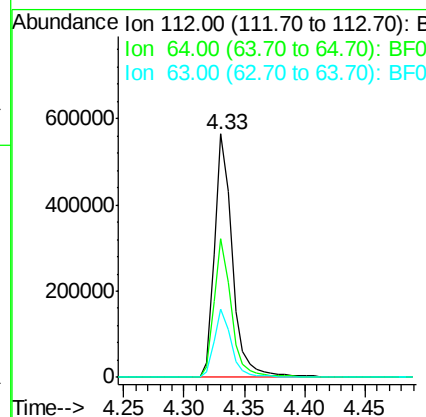
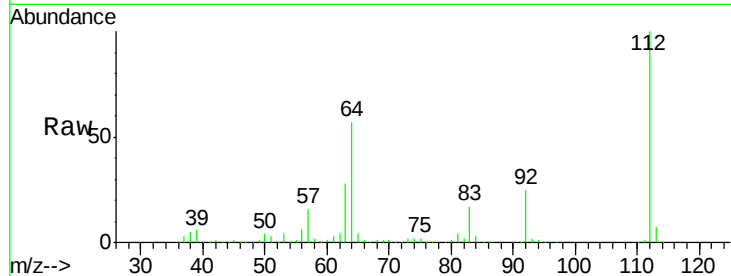
ClientSampleId :

PB98552BS

Tot Ion:	112	Resp:	576294
Ion Ratio	Lower	Upper	
112	100		
64	56.8	46.0	69.0
63	28.1	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 27.20 ng

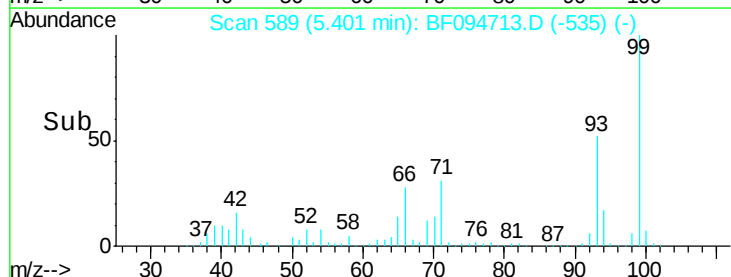
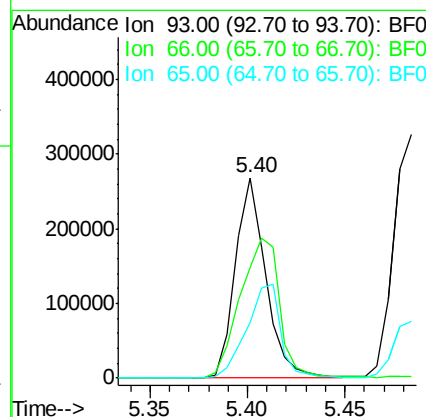
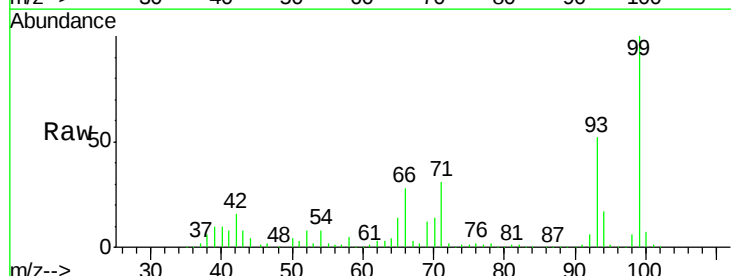
RT: 5.40 min Scan# 589

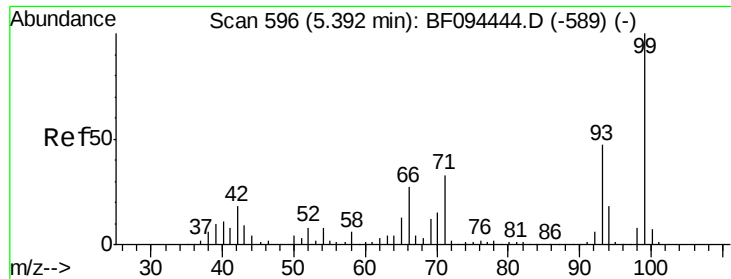
Delta R.T. 0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Tgt Ion:	93	Resp:	291412
Ion Ratio	Lower	Upper	
93	100		
66	55.3	32.9	49.3#
65	27.7	16.0	24.0#





#7

Phenol-d6

Concen: 84.12 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

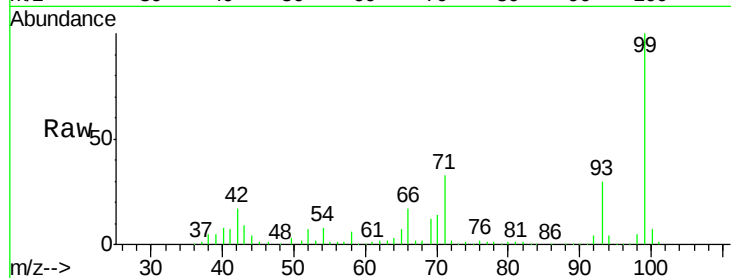
ClientSampleId :

PB98552BS

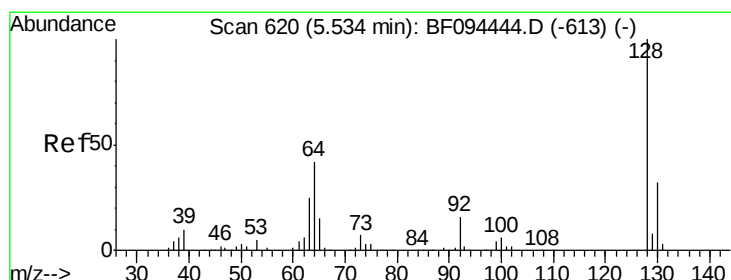
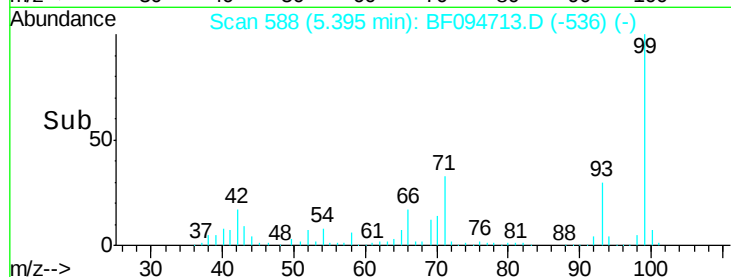
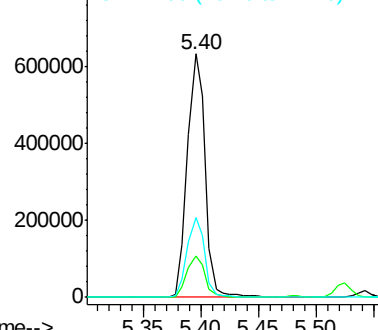
Tot Ion:	99	Resp:	678103
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.5	20.3
71	32.8	24.5	36.7

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



#8

2-Chlorophenol

Concen: 41.62 ng

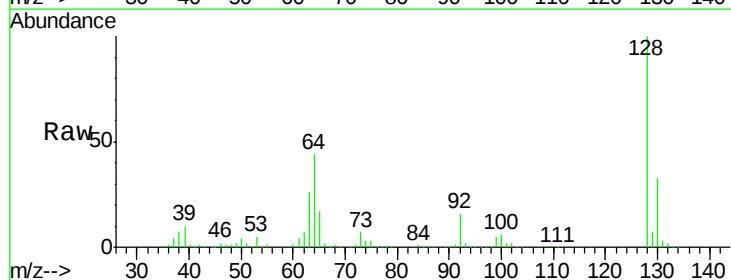
RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

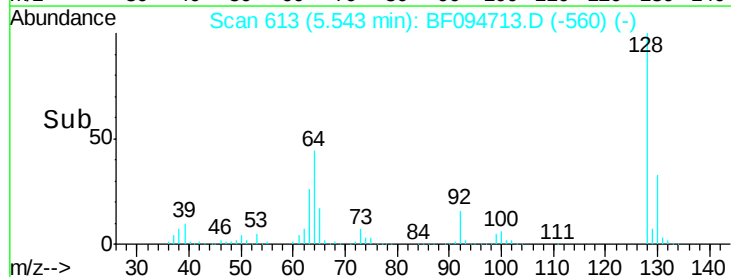
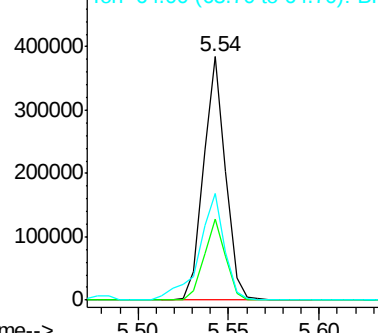
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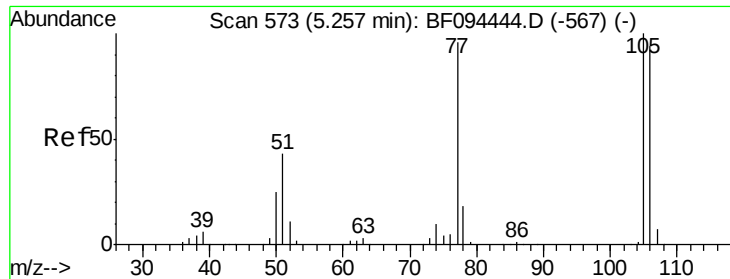
Acq: 30 Apr 2017 14:37

Tgt Ion:	128	Resp:	323871
Ion Ratio	Lower	Upper	
128	100		
130	33.5	12.9	52.9
64	43.9	28.4	68.4



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





#9

Benzaldehyde

Concen: 10.52 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB98552BS

Tot Ion: 77 Resp: 64507

Ion Ratio Lower Upper

77 100

105 105.3 83.8 123.8

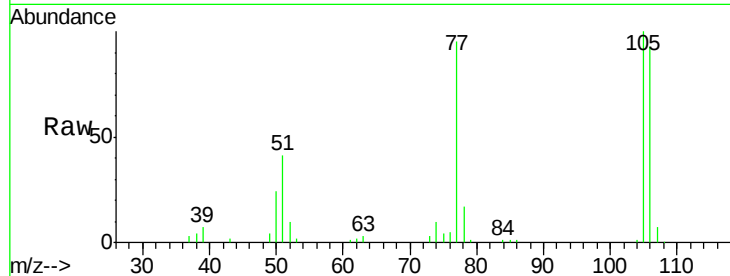
106 97.9 79.1 119.1

Manual Integrations

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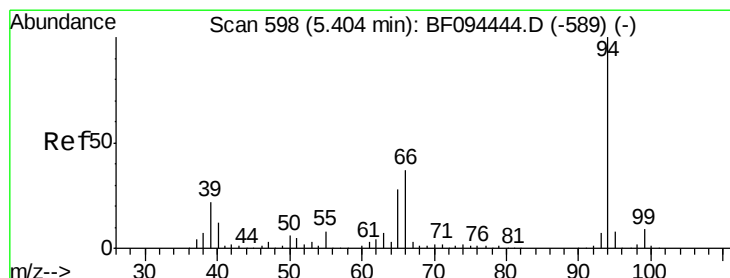
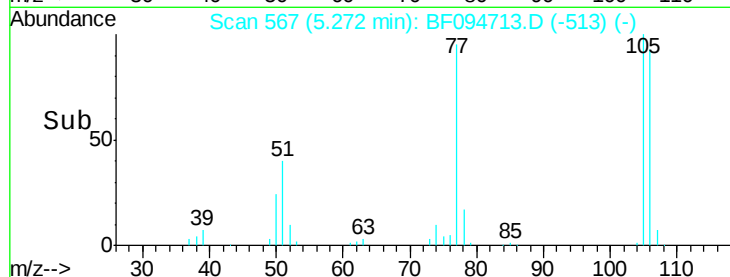
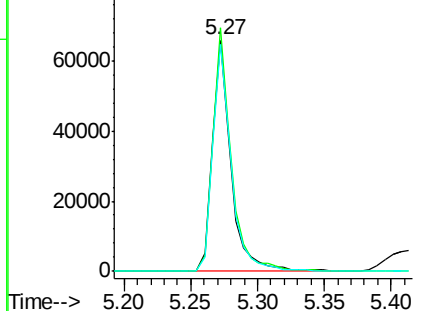
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.79 ng

RT: 5.41 min Scan# 591

Delta R.T. 0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

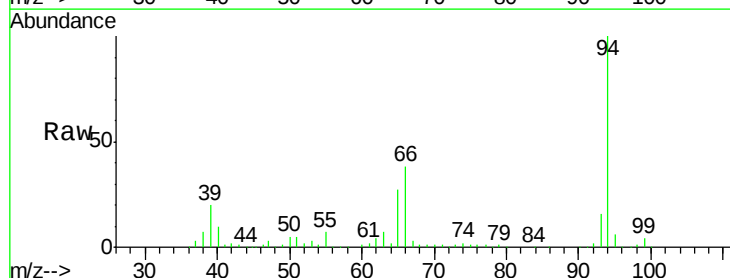
Tgt Ion: 94 Resp: 394081

Ion Ratio Lower Upper

94 100

65 27.1 9.9 49.9

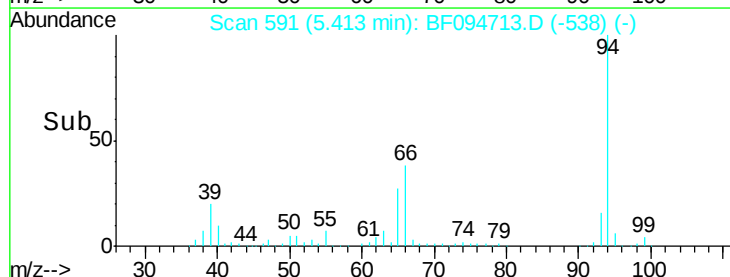
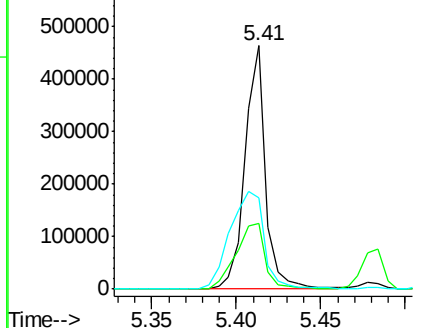
66 37.7 23.1 63.1

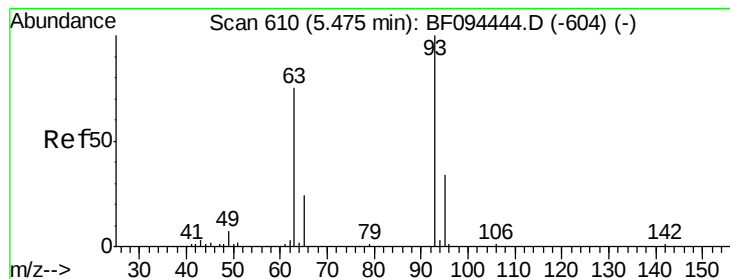


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





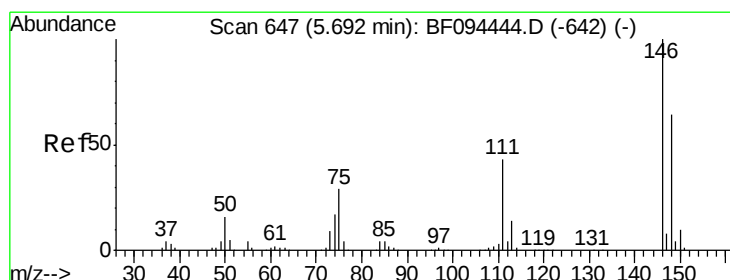
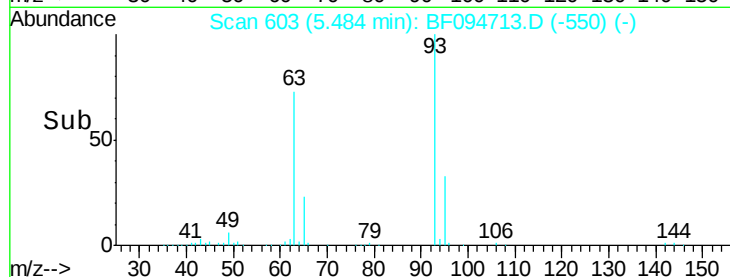
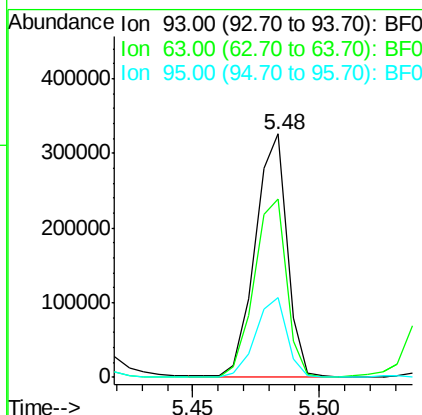
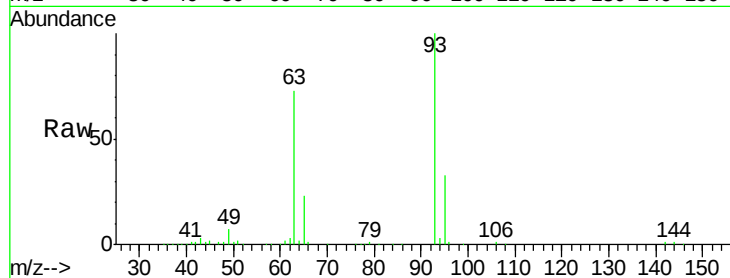
#11
bis(2-Chloroethyl)ether
Concen: 39.61 ng
RT: 5.48 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	286564		
63	73.1	59.2	99.2	
95	32.7	12.8	52.8	

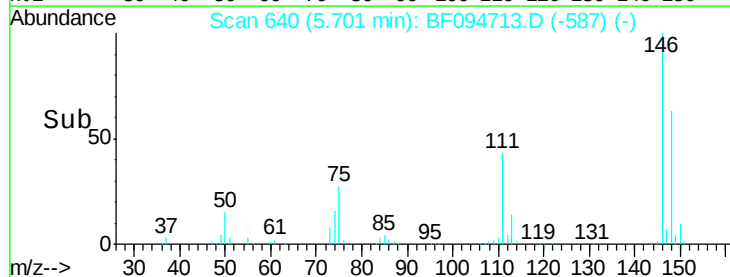
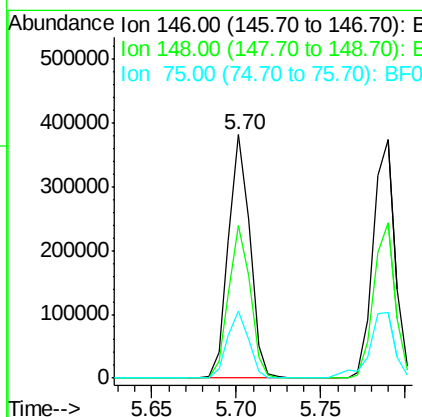
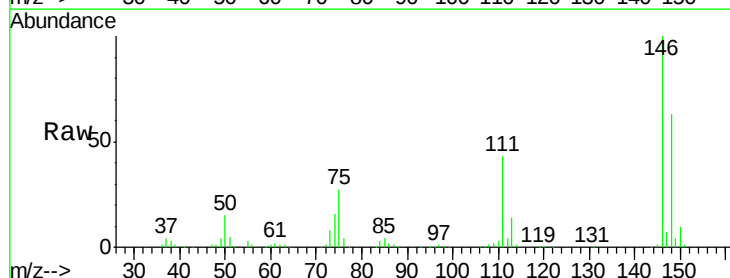
Manual Integrations
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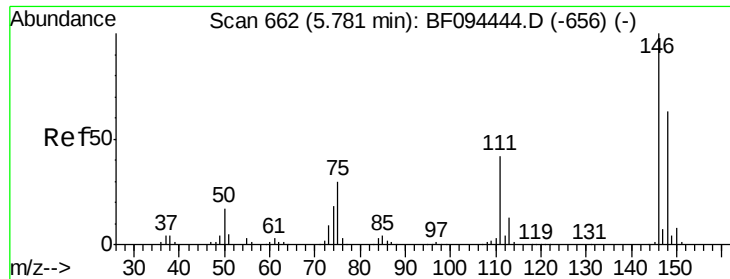
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.00 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	336210		
148	62.9	51.8	77.6	
75	27.5	23.1	34.7	





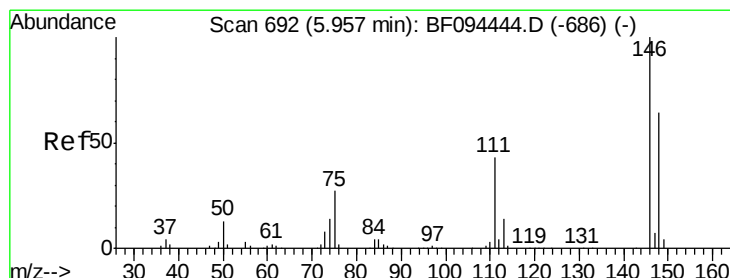
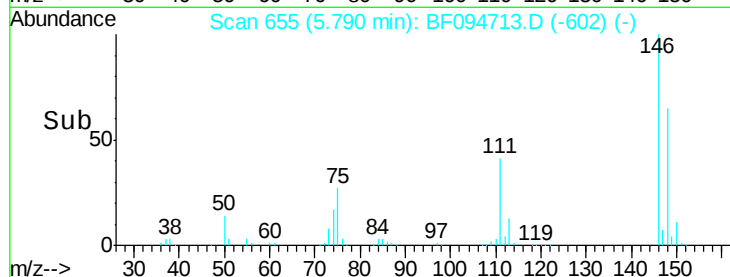
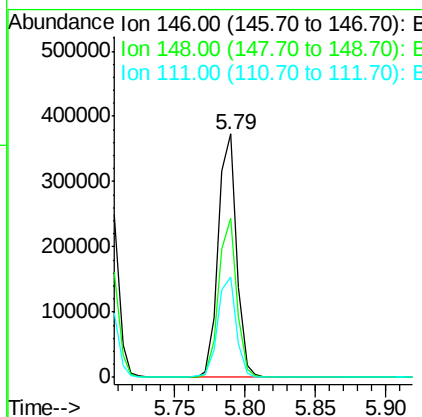
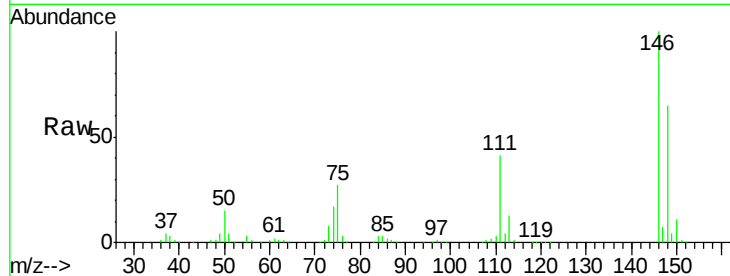
#13
 1,4-Dichlorobenzene
 Concen: 38.94 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.2
111	41.2	30.3	45.5

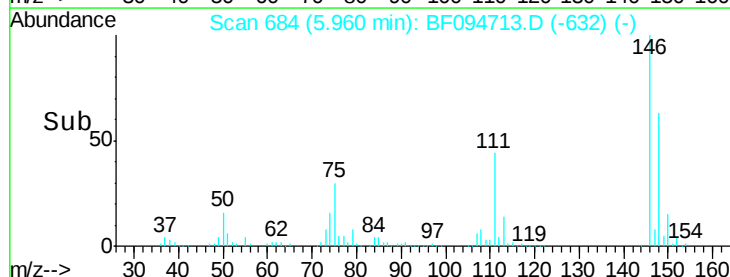
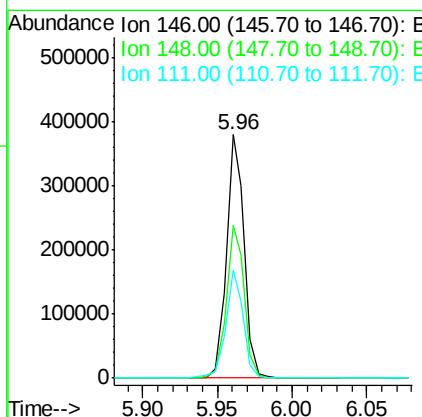
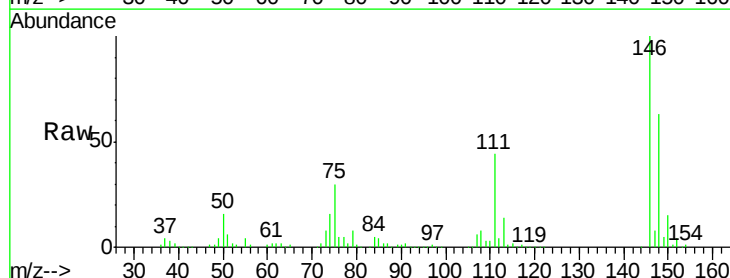
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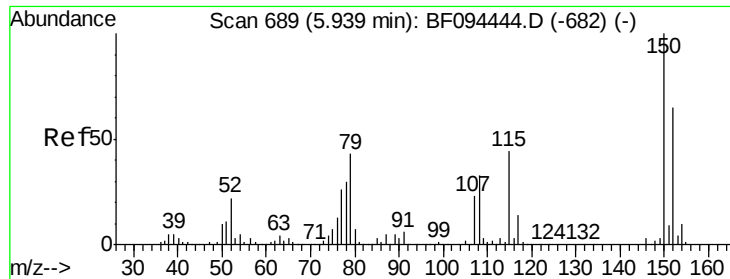
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.72 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.4	75.6
111	44.1	38.2	57.4





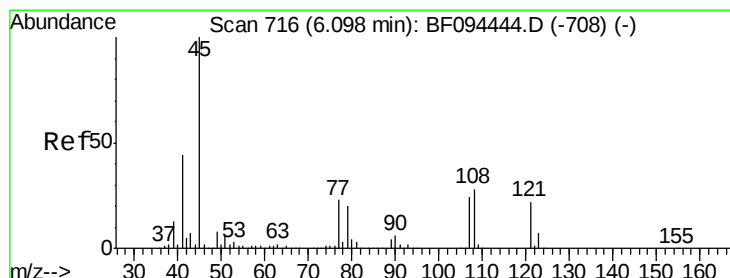
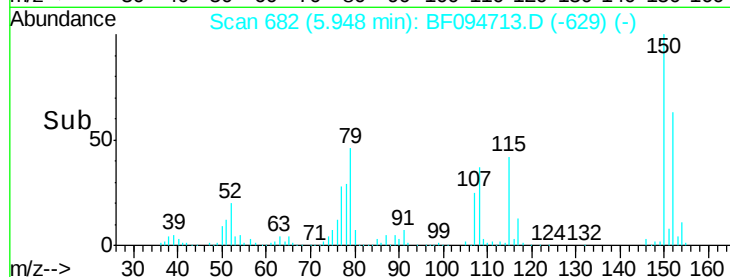
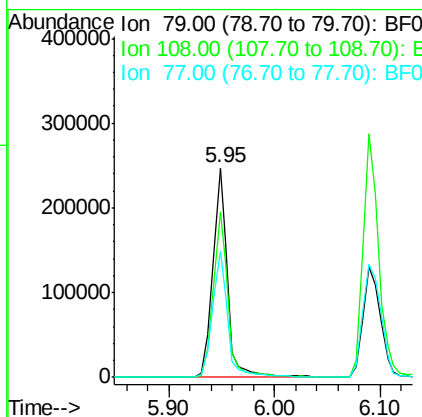
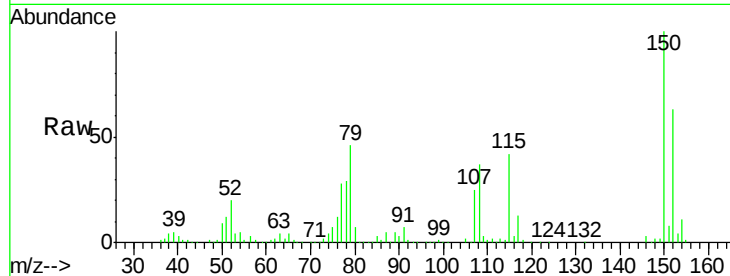
#15
Benzyl Alcohol
Concen: 41.26 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.7	63.4	95.0
77	60.1	49.2	73.8

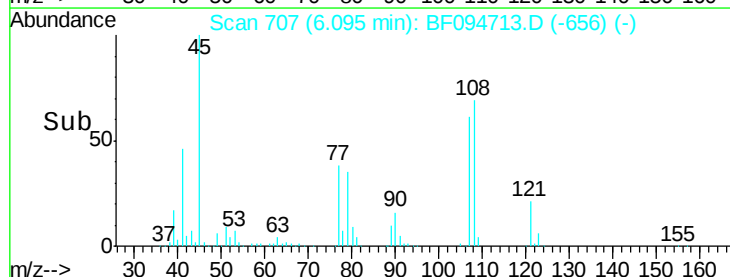
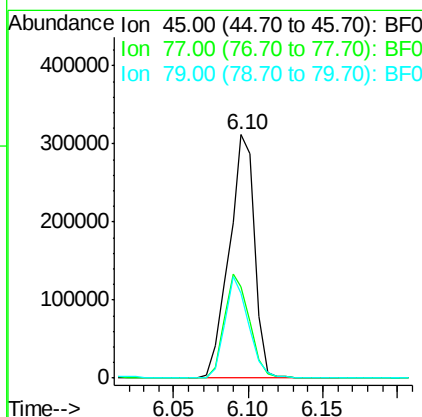
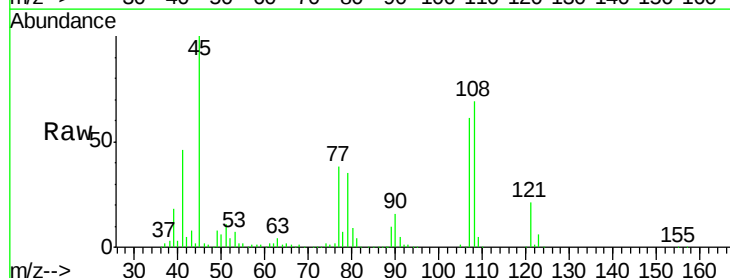
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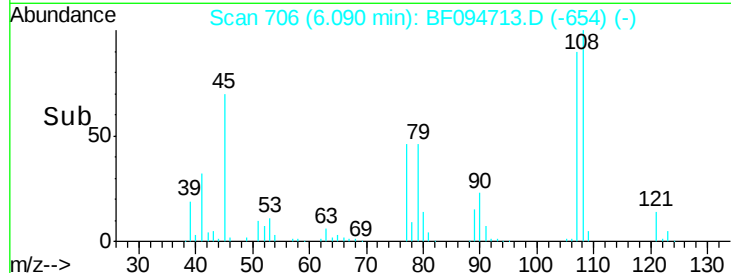
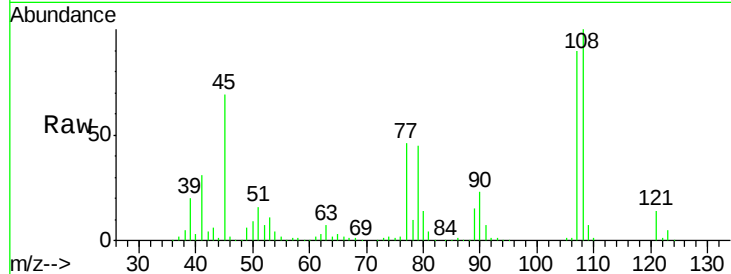
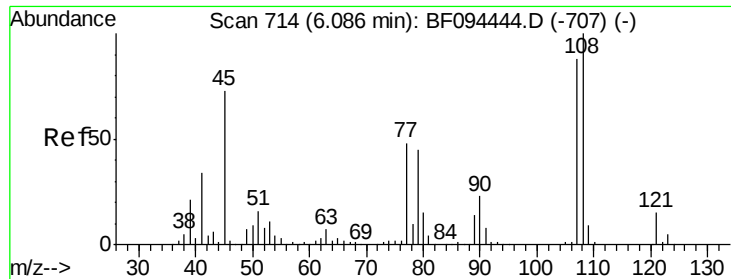
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.42 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	37.6	0.0	33.2#
79	35.0	0.0	30.0#





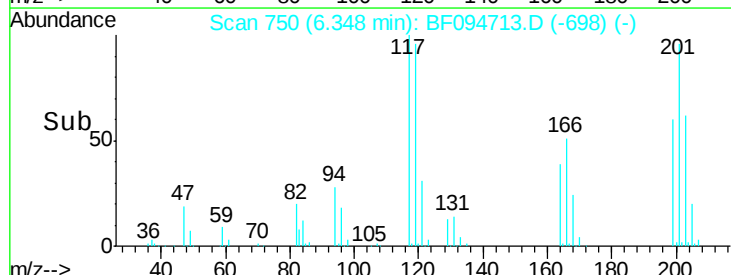
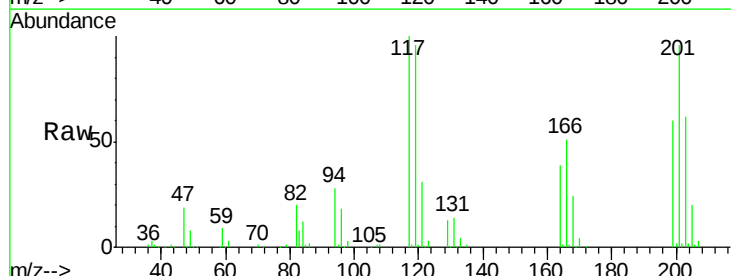
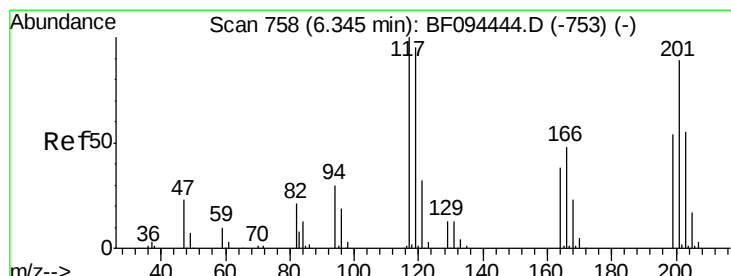
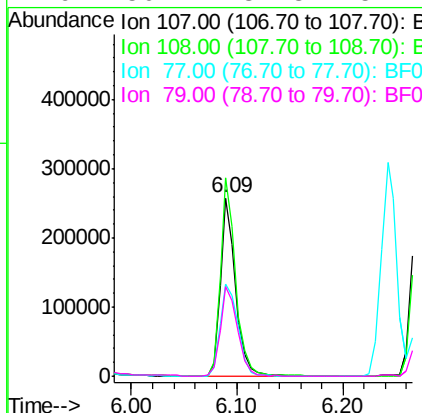
#17
2-Methylphenol
Concen: 42.56 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tot Ion	Ratio	Resp	Lower	Upper
107	100	260799		
108	111.5	93.4	140.0	
77	51.6	35.8	53.6	
79	50.4	34.8	52.2	

Instrument :
BNA_F
ClientSampleId :
PB98552BS

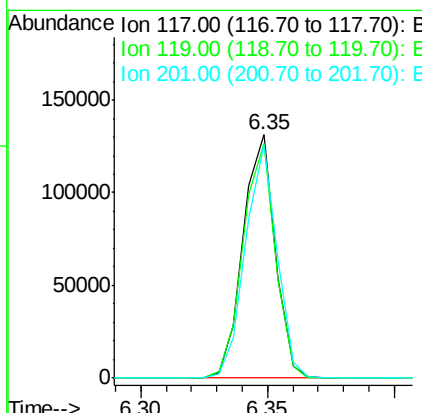
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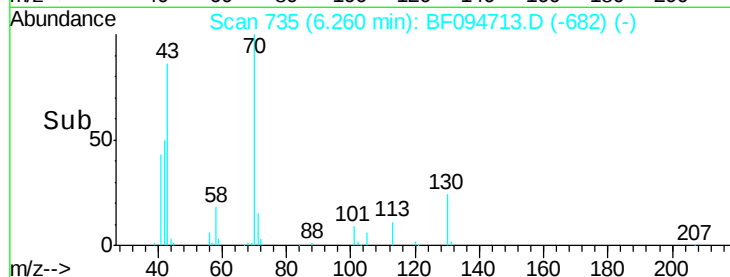
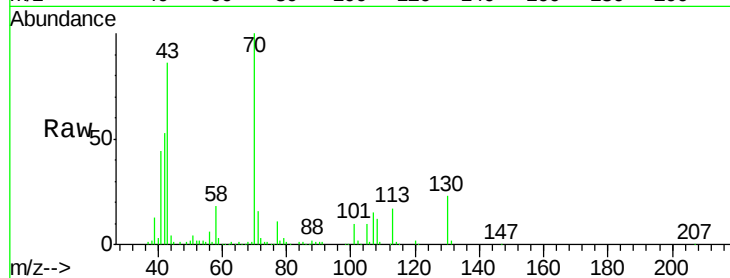
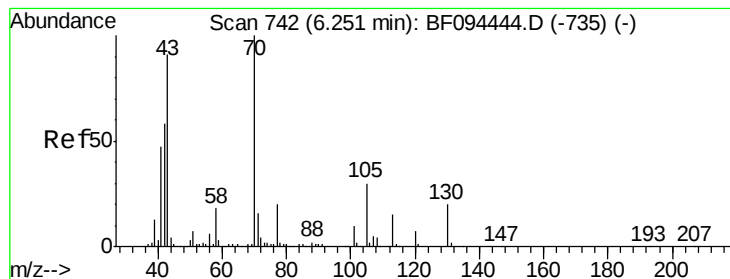
mohammad
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#18
Hexachloroethane
Concen: 38.91 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	115680		
119	96.4	77.4	116.0	
201	96.0	94.6	141.8	





#19

n-Nitroso-di-n-propylamine

Concen: 41.57 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB98552BS

Tot Ion: 70 Resp: 222059

Ion Ratio Lower Upper

70 100

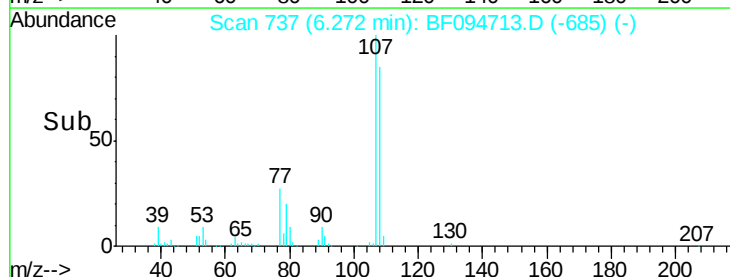
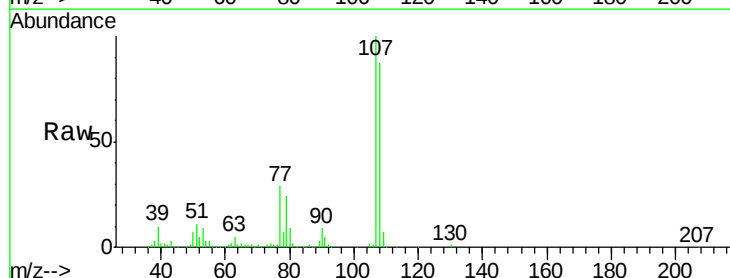
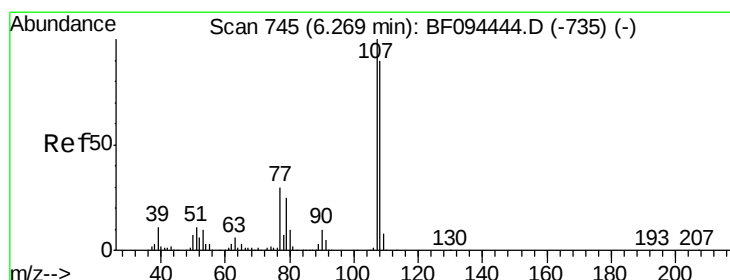
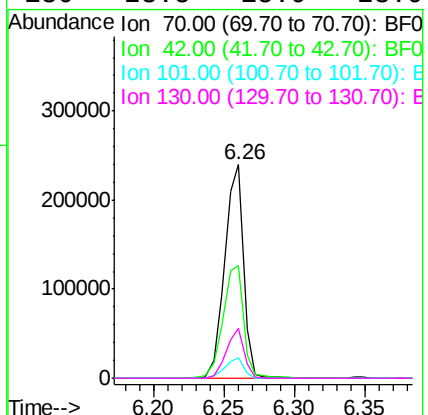
42 52.9 47.2 70.8

101 9.6 7.2 10.8

130 23.5 15.9 23.9

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#20

3+4-Methylphenols

Concen: 43.46 ng

RT: 6.27 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Tgt Ion:107 Resp: 361898

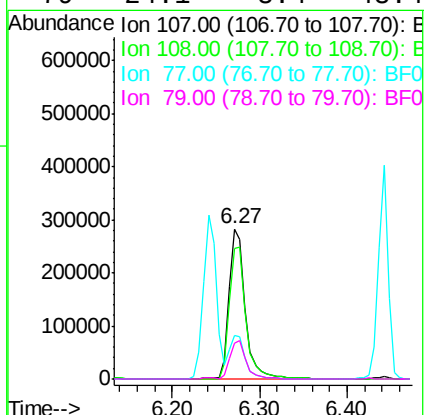
Ion Ratio Lower Upper

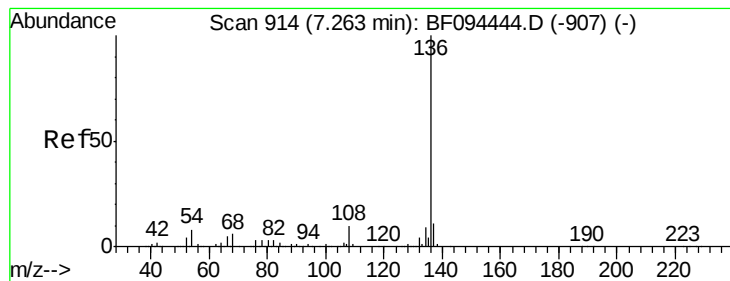
107 100

108 87.1 71.0 111.0

77 29.4 90.5 130.5#

79 24.1 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

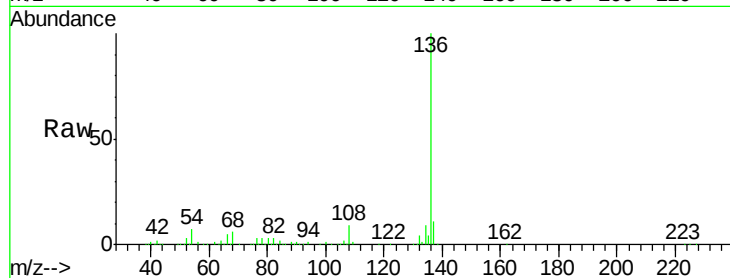
ClientSampleId :

PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	463009		
137	11.0		8.5	12.7
54	7.3		4.9	7.3#
68	5.6		4.1	6.1

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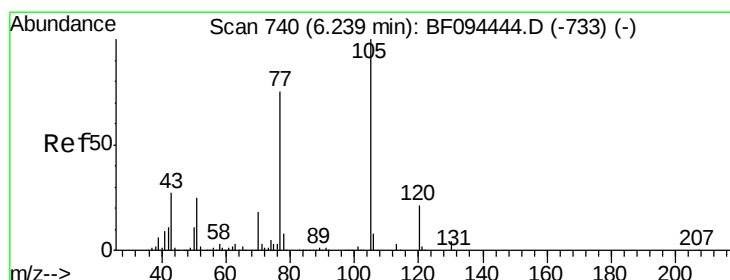
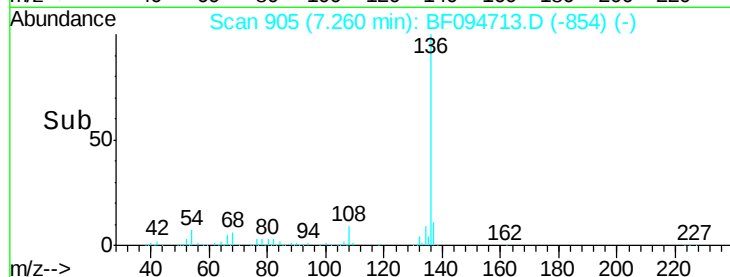
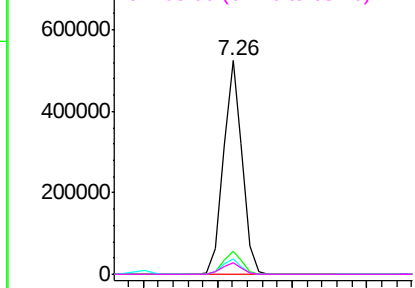


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.08 ng

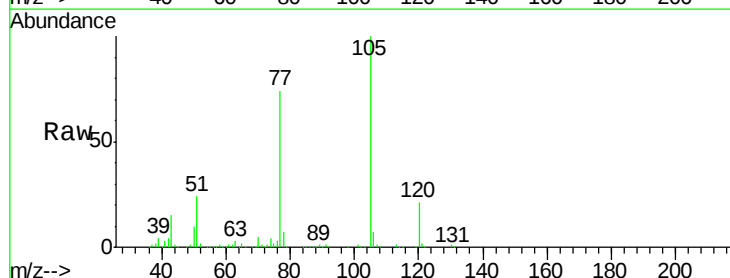
RT: 6.24 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	451261		
71	0.8		2.8	4.2#
51	23.8		30.7	46.1#
120	21.4		17.4	26.0

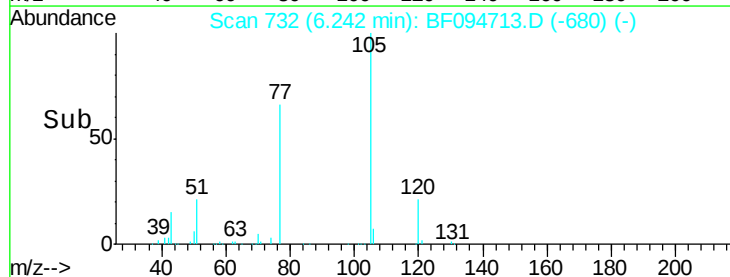
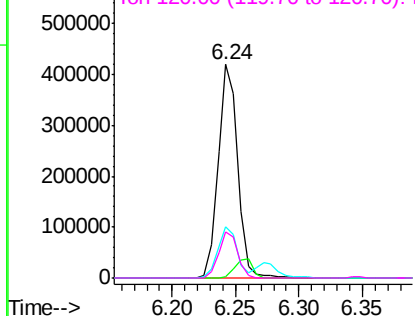


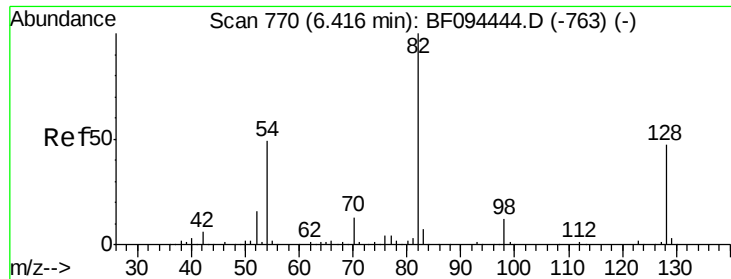
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





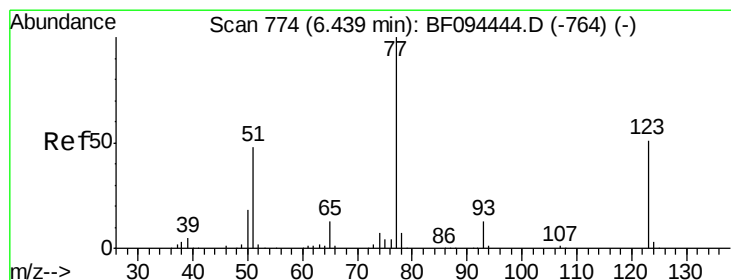
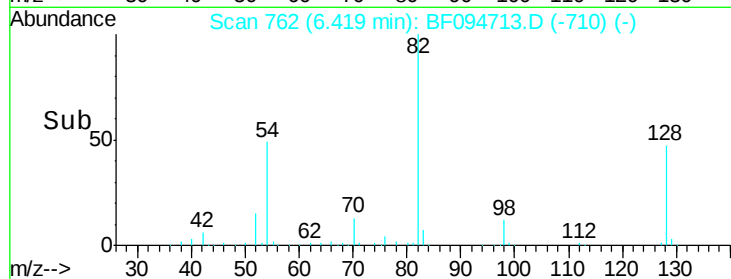
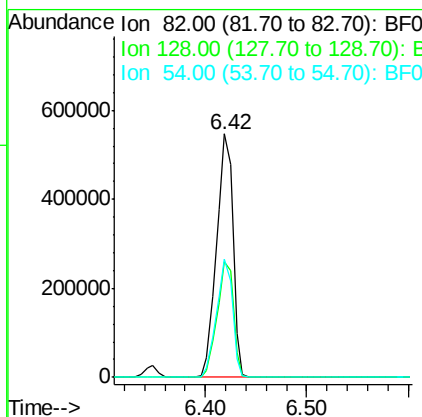
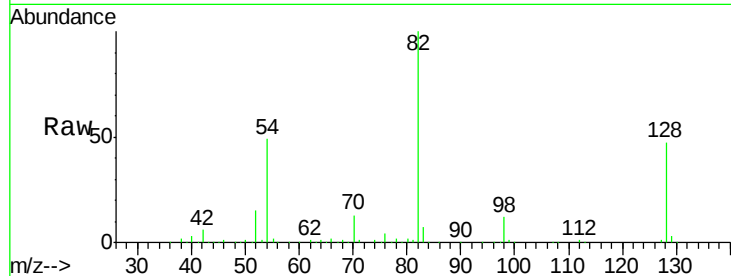
#23
 Nitrobenzene-d5
 Concen: 82.13 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	48.7	42.2	63.2

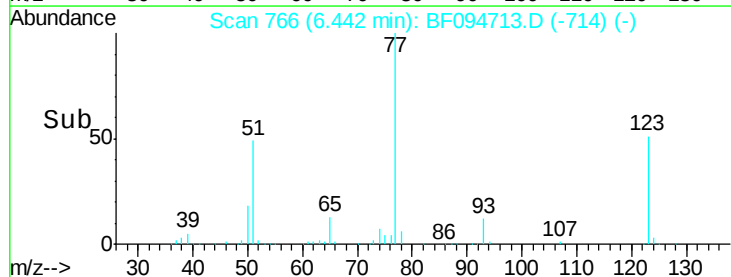
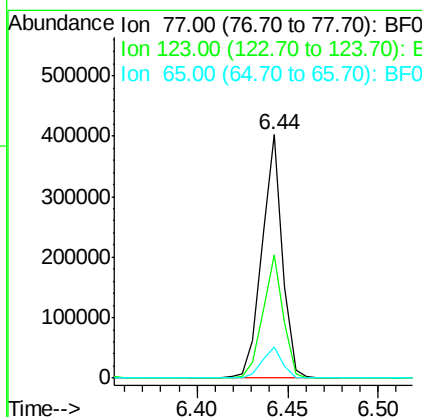
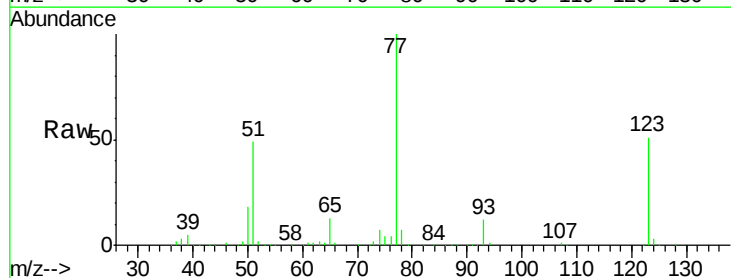
Manual Integrations
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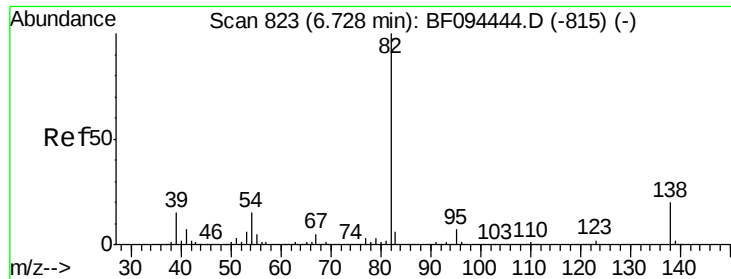
mohammad
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#24
 Nitrobenzene
 Concen: 39.71 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.7	35.8	53.8
65	12.6	10.6	15.8





#25

Isophorone

Concen: 41.49 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

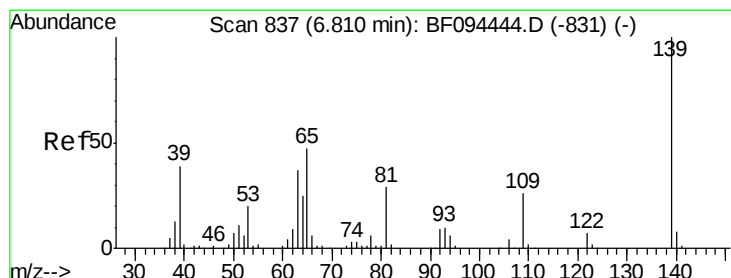
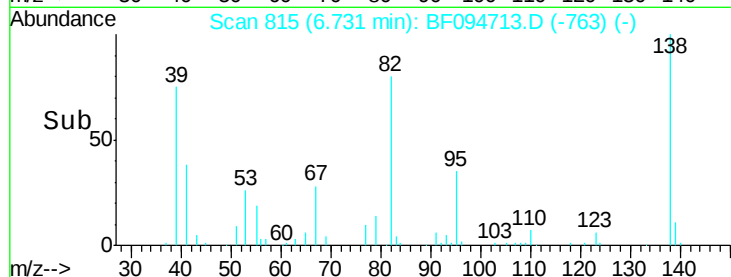
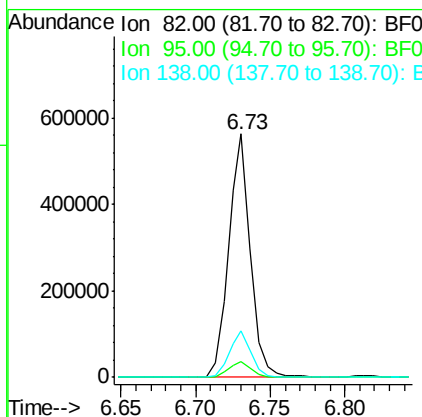
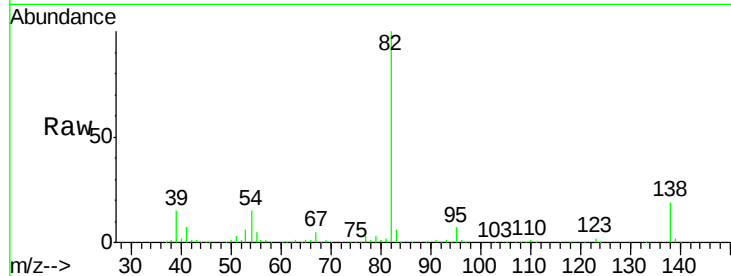
ClientSampleId :

PB98552BS

Tot Ion:	82	Resp:	576674
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.3	7.9
138	19.1	13.1	19.7

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#26

2-Nitrophenol

Concen: 42.10 ng

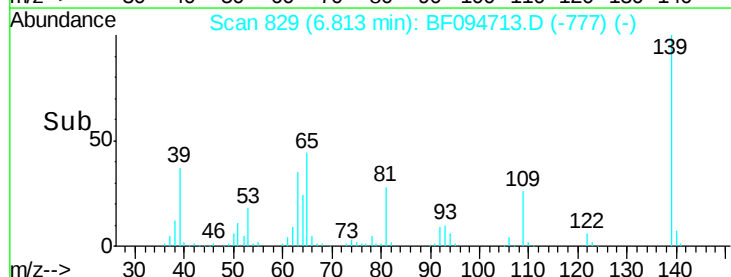
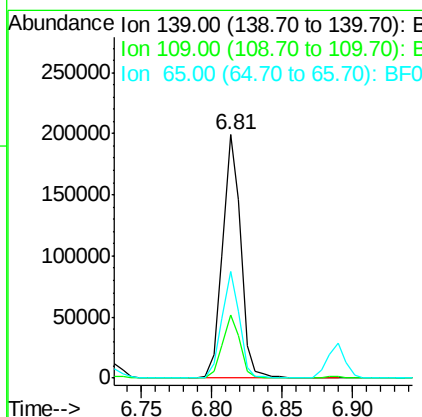
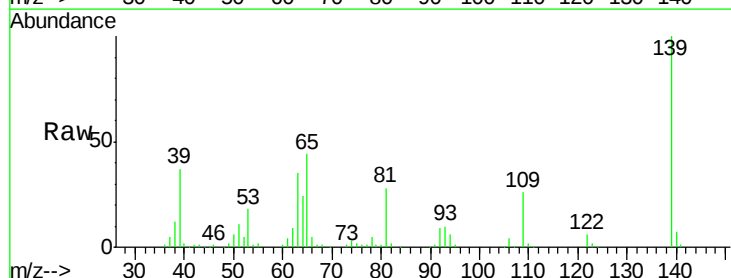
RT: 6.81 min Scan# 829

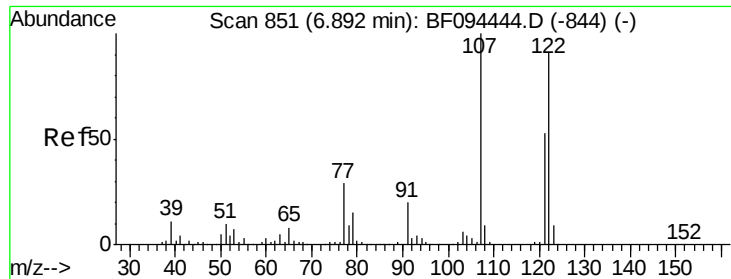
Delta R.T. 0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Tgt Ion:	139	Resp:	178610
Ion Ratio	Lower	Upper	
139	100		
109	25.9	21.0	31.6
65	44.0	33.0	49.6





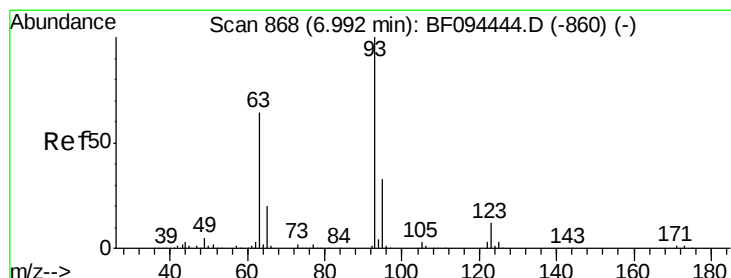
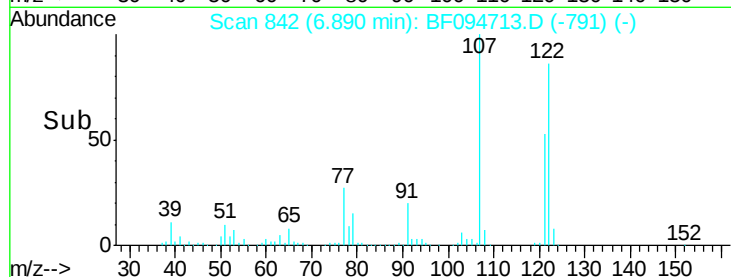
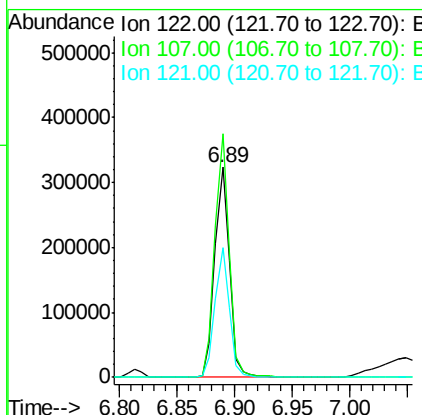
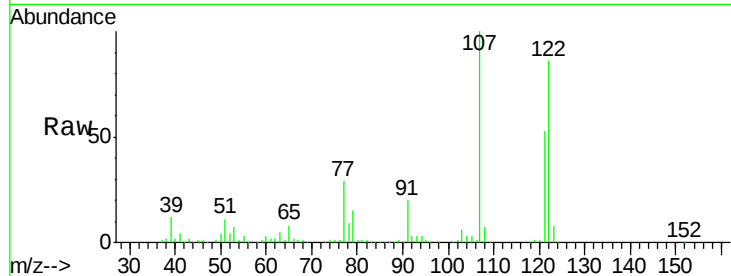
#27
2,4-Dimethylphenol
Concen: 41.98 ng
RT: 6.89 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	289292		
107	115.8	89.2	133.8	
121	61.7	45.2	67.8	

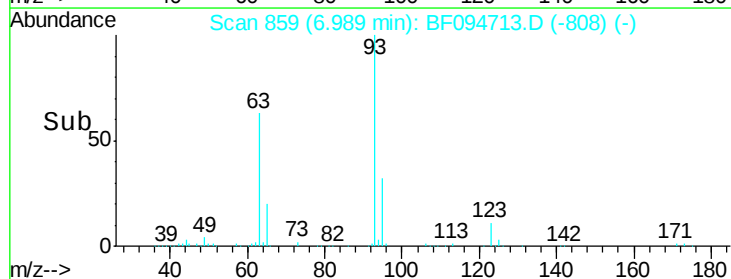
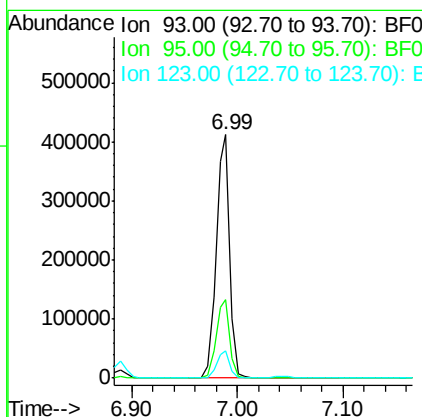
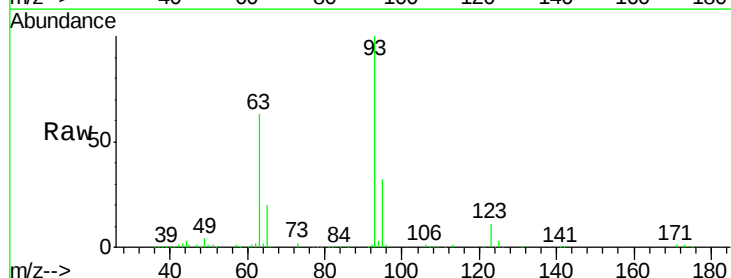
Manual Integrations
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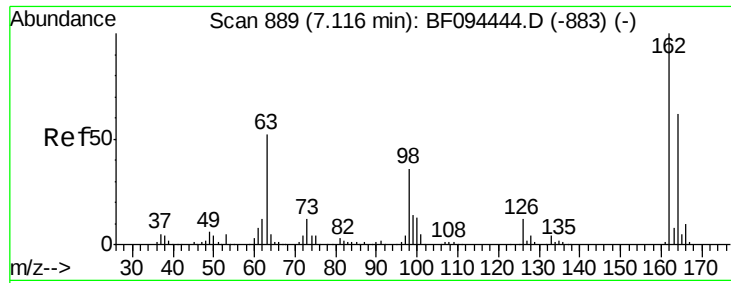
mohammad
5/1/2017 7:50:47 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.48 ng
RT: 6.99 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	372976		
95	32.4	26.5	39.7	
123	11.1	9.0	13.4	





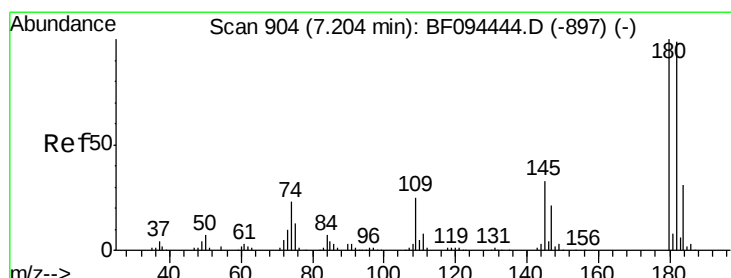
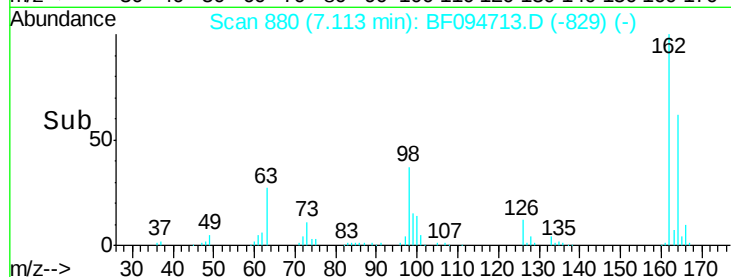
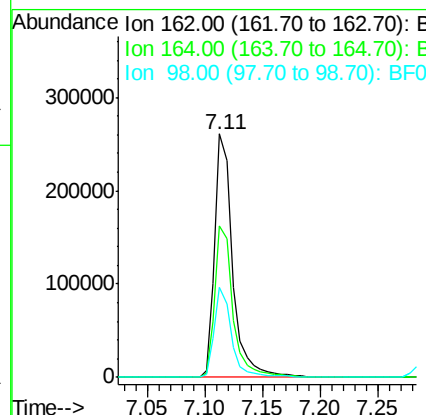
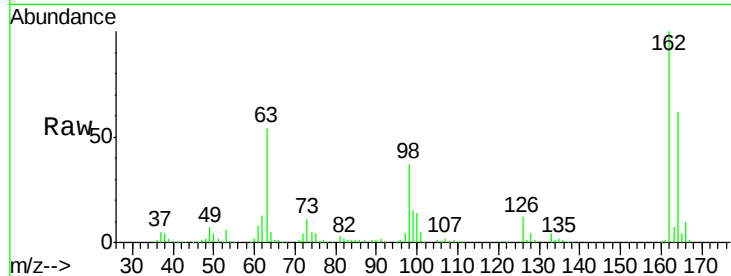
#29
 2,4-Dichlorophenol
 Concen: 44.17 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	283161		
164	62.3		44.6	84.6
98	37.0		14.8	54.8

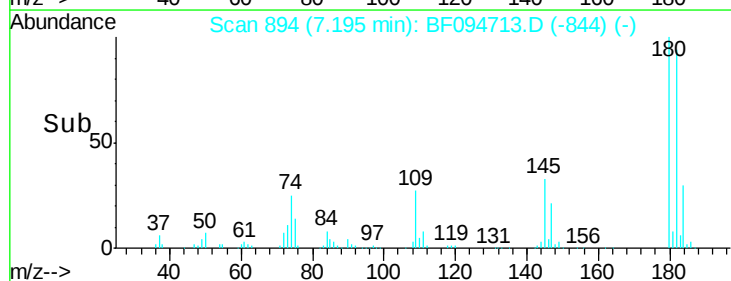
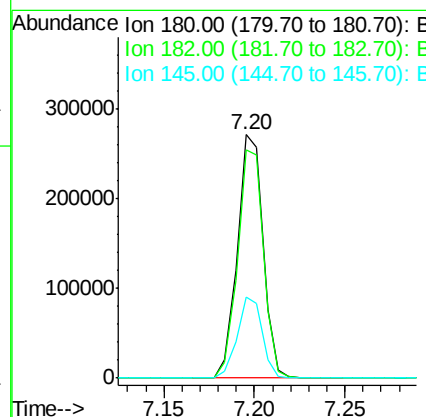
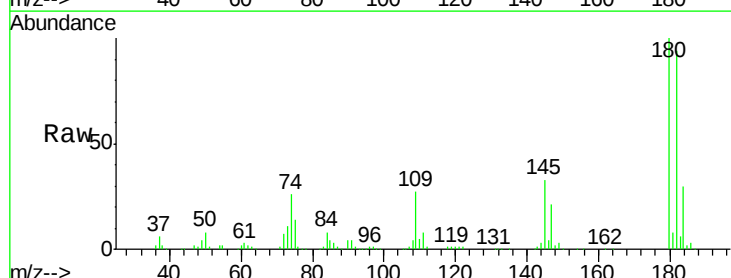
Manual Integrations
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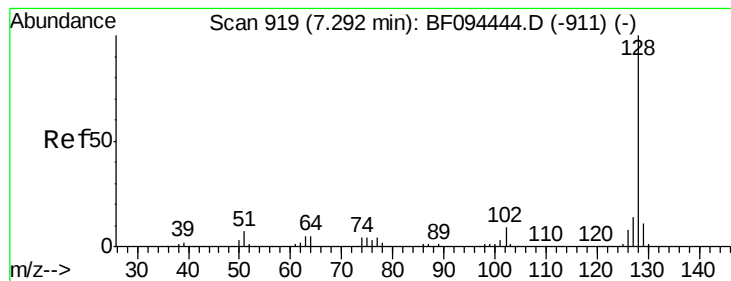
mohammad
 5/1/2017 7:50:47 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.32 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	267242		
182	93.8		75.8	113.6
145	33.3		25.3	37.9





#31

Naphthalene

Concen: 40.68 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

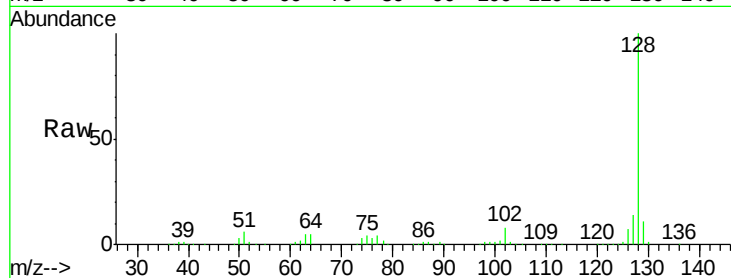
ClientSampleId :

PB98552BS

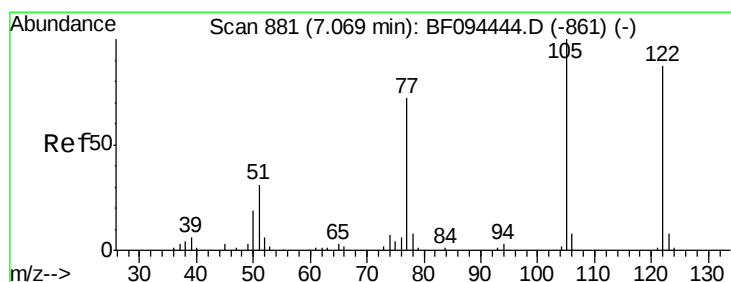
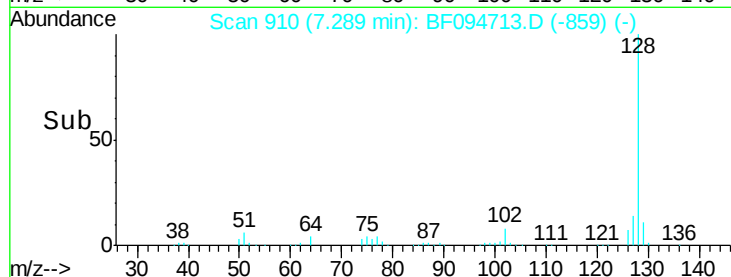
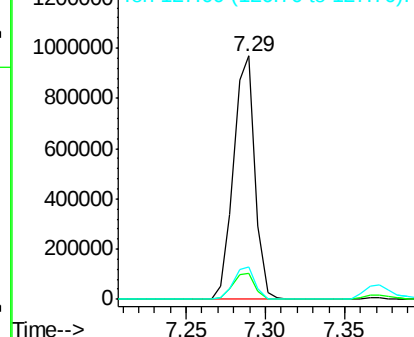
Tot Ion:	128	Resp:	905572
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.6
127	13.6	10.8	16.2

Manual Integrations
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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: 20.09 ng

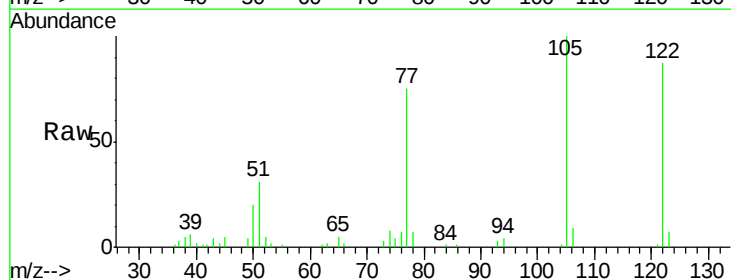
RT: 7.05 min Scan# 869

Delta R.T. -0.02 min

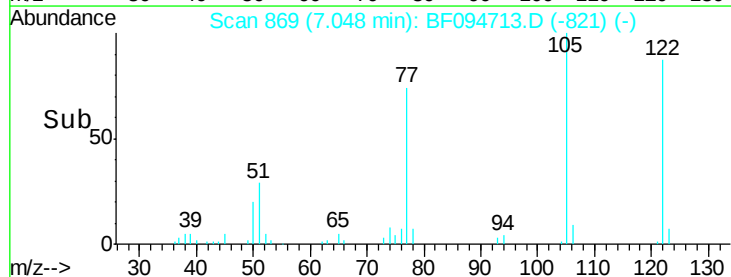
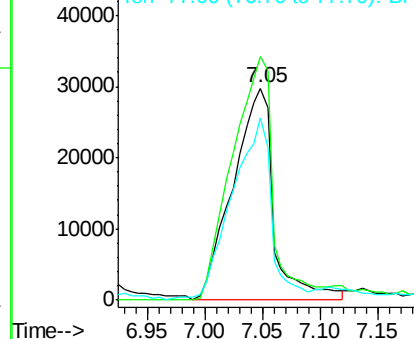
Lab File: BF094713.D

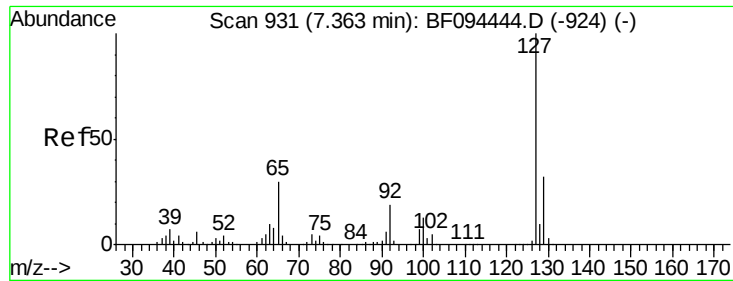
Acq: 30 Apr 2017 14:37

Tgt Ion:	122	Resp:	73219
Ion Ratio	Lower	Upper	
122	100		
105	114.9	103.3	143.3
77	86.3	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





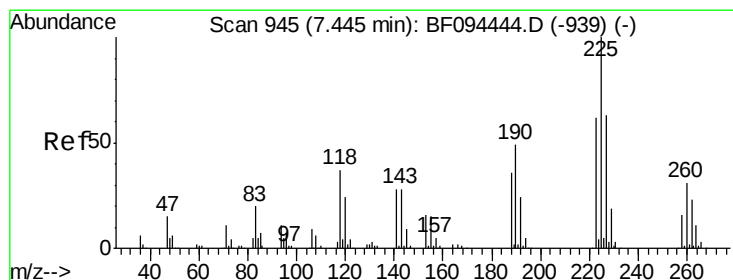
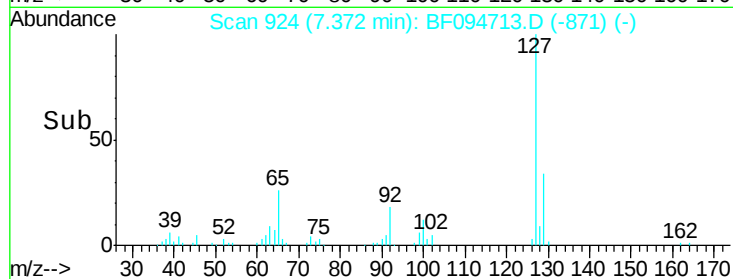
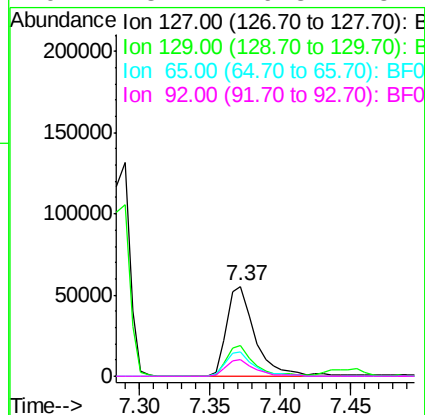
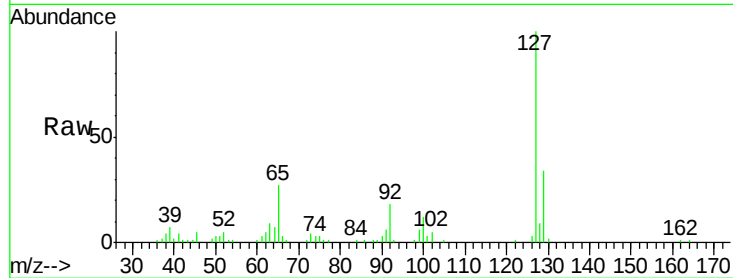
#33
4-Chloroaniline
Concen: 8.36 ng
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	26.2	39.2		
65	26.8	27.8	41.8		
92	18.4	16.8	25.2		

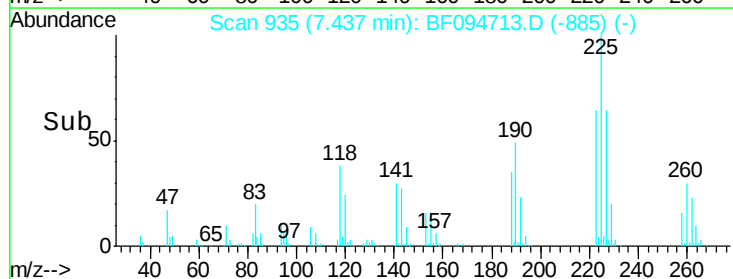
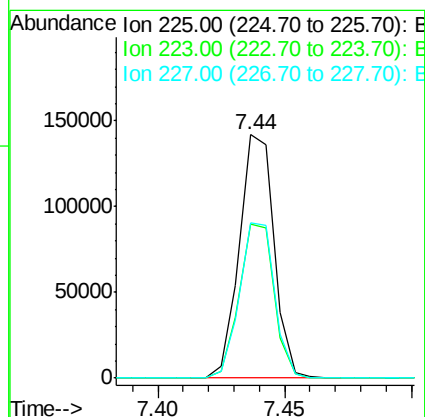
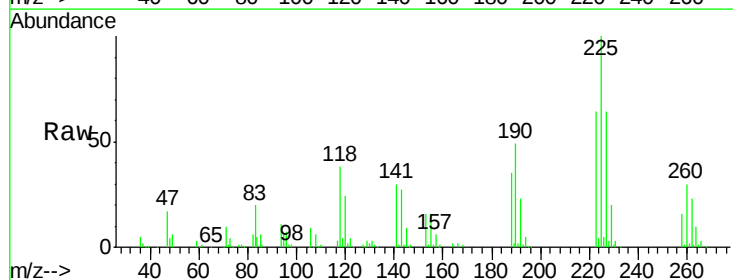
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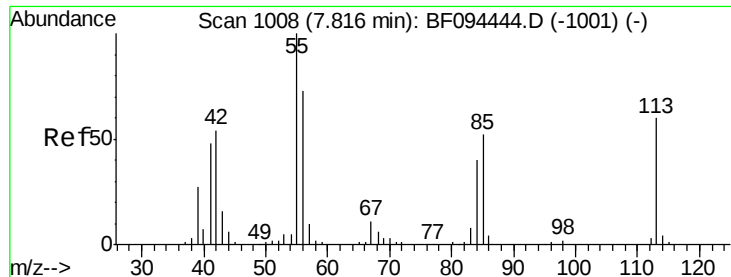
mohammad
5/1/2017 7:50:47 PM



#34
Hexachlorobutadiene
Concen: 40.75 ng
RT: 7.44 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	48.8	73.2		
227	63.9	51.1	76.7		





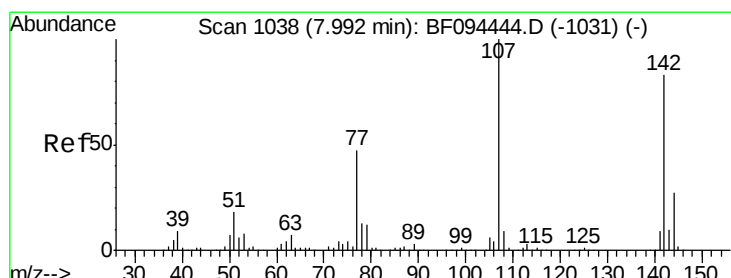
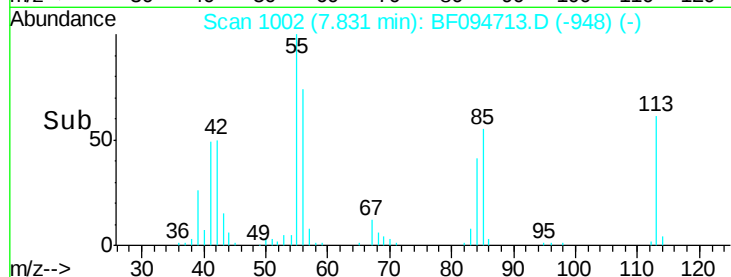
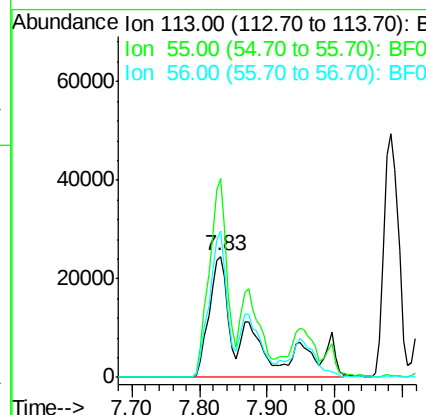
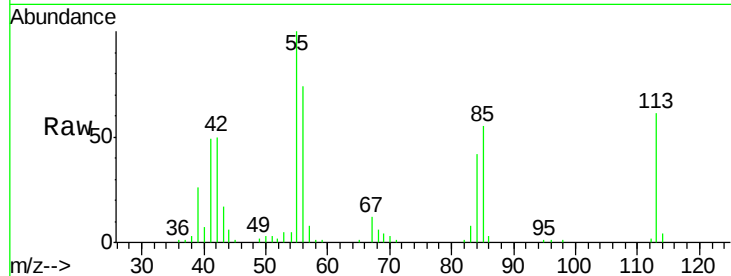
#35
 Caprolactam
 Concen: 47.79 ng/ml
 RT: 7.83 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	164.0	150.2	190.2	
56	121.1	107.8	147.8	

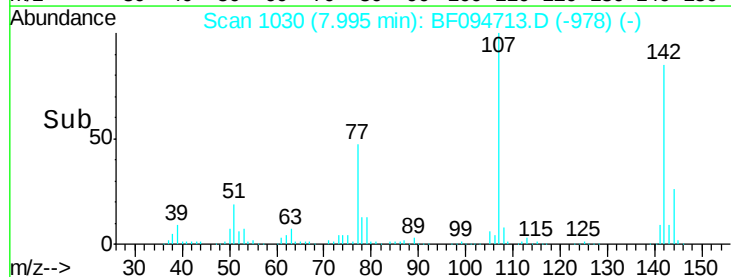
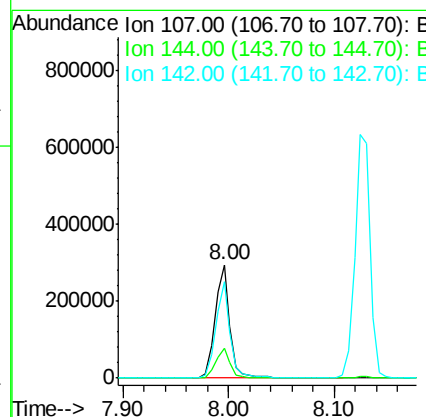
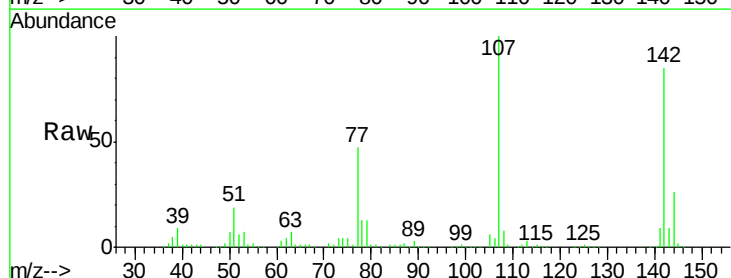
Manual Integrations
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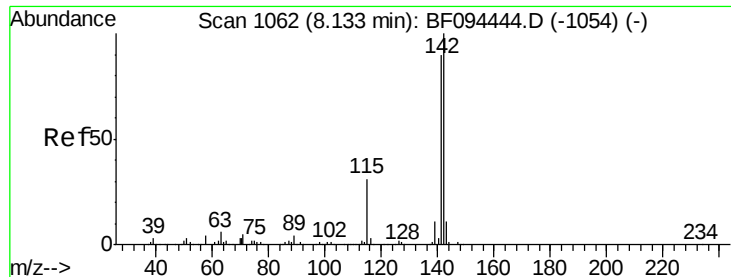
mohammad
 5/1/2017 7:50:47 PM



#36
 4-Chloro-3-methylphenol
 Concen: 43.42 ng/ml
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.9	24.2	36.4	
142	84.8	73.4	110.0	





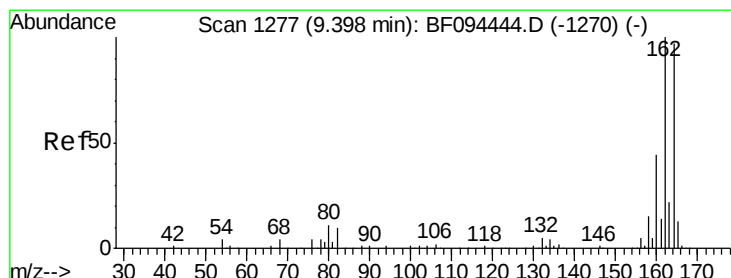
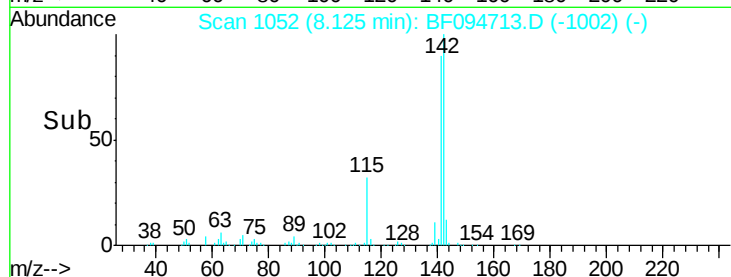
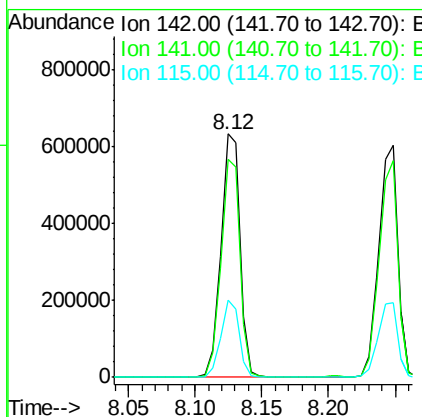
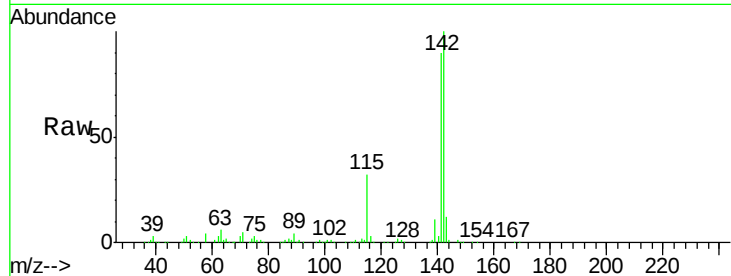
#37
2-Methylnaphthalene
Concen: 42.06 ng
RT: 8.12 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	640515		
141	89.7		71.3	106.9
115	31.6		27.1	40.7

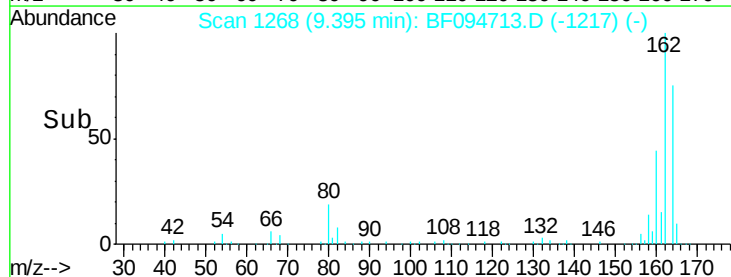
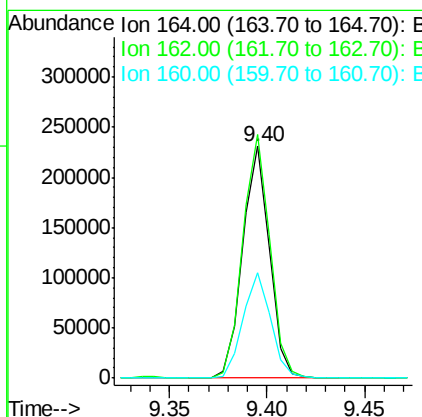
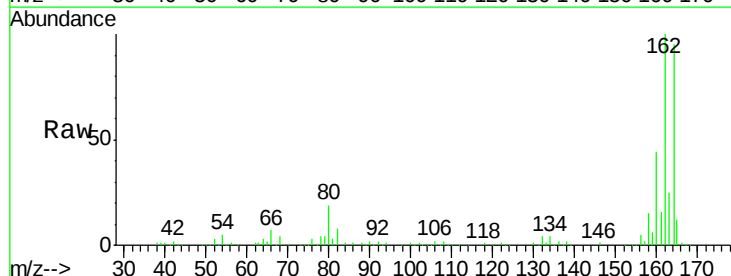
Manual Integrations
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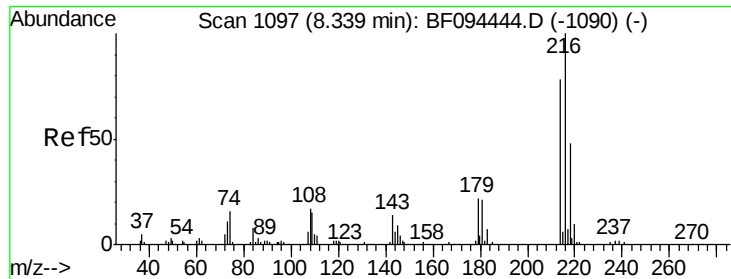
mohammad
5/1/2017 7:50:47 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	219160		
162	105.1		82.6	123.8
160	45.7		36.2	54.2





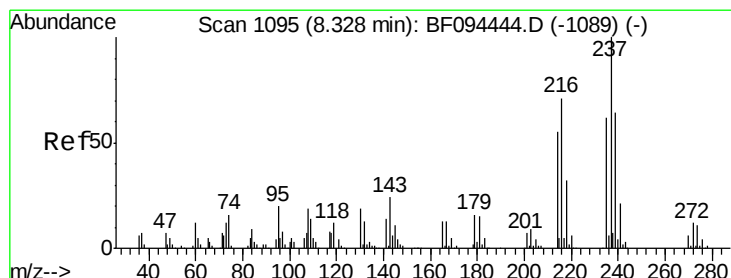
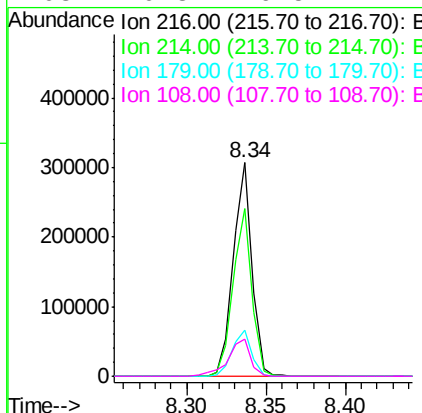
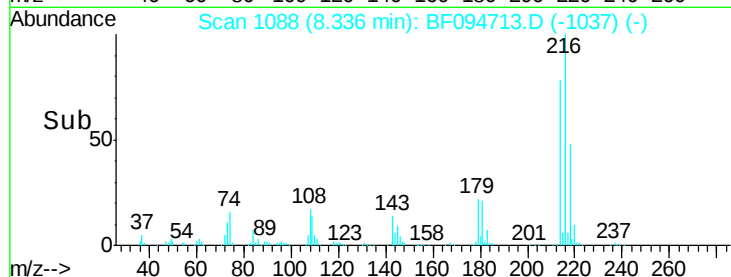
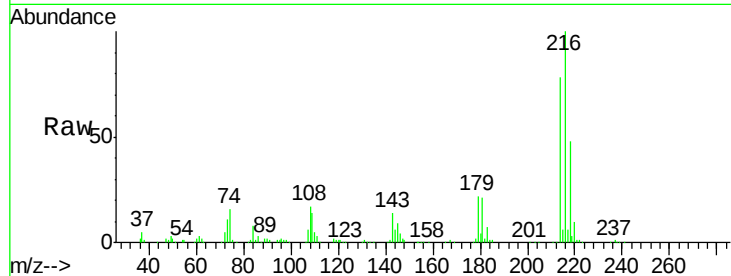
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.15 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	250552		
214	78.9	63.4	95.2	
179	22.4	17.9	26.9	
108	20.8	16.5	24.7	

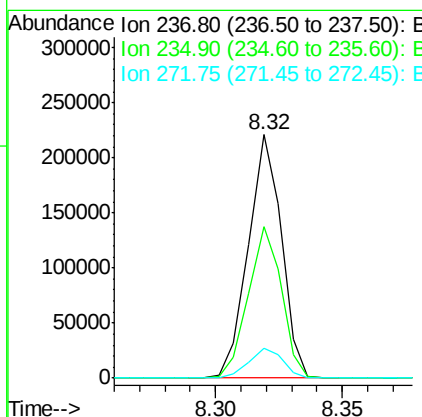
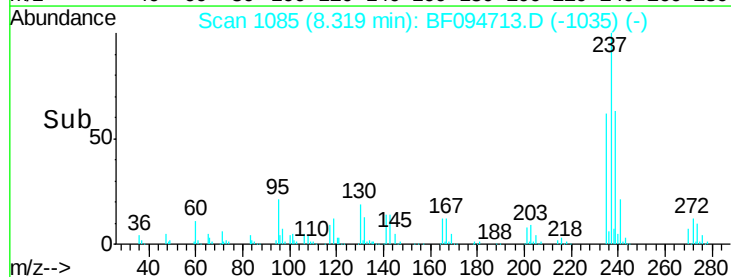
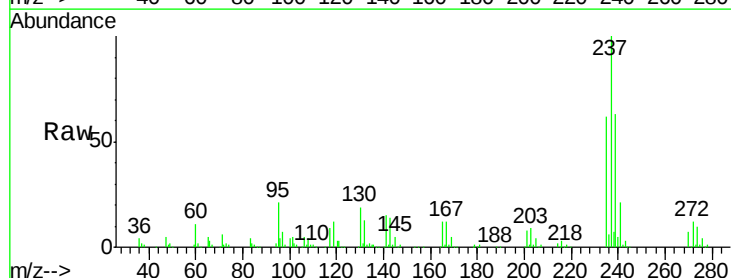
Manual Integrations
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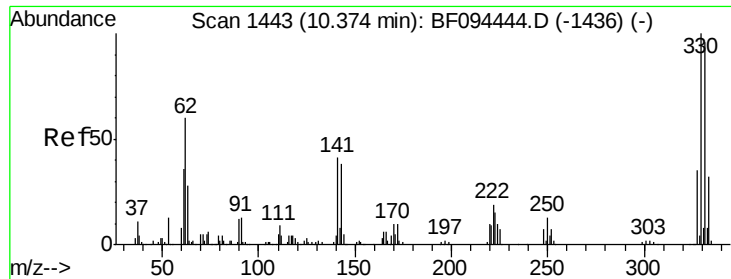
mohammad
 5/1/2017 7:50:47 PM



#40
 Hexachlorocyclopentadiene
 Concen: 79.99 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	201944		
235	62.4	42.6	82.6	
272	12.4	0.0	31.9	





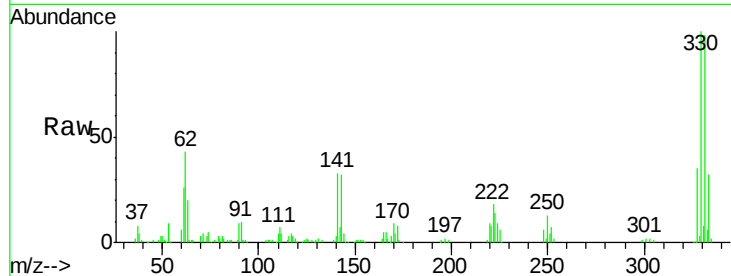
#41
 2,4,6-Tribromophenol
 Concen: 92.01 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	157726		
332	95.8	76.6	115.0	
141	39.5	31.4	47.2	

Manual Integrations
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mohammad
 5/1/2017 7:50:47 PM

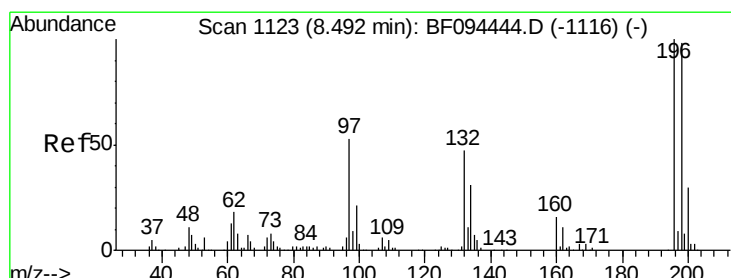
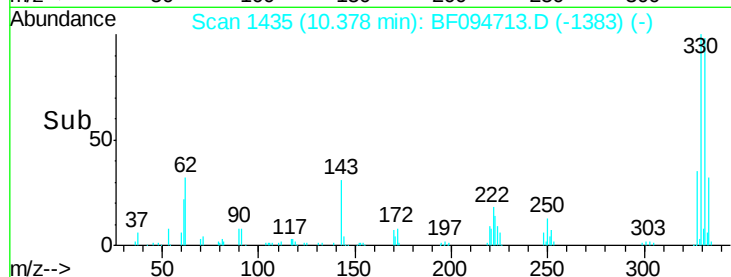
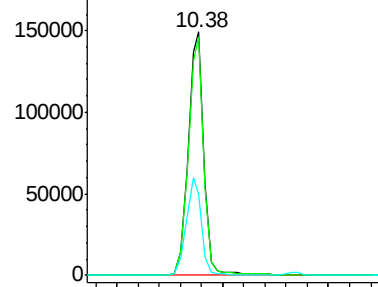


Abundance

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: 43.16 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

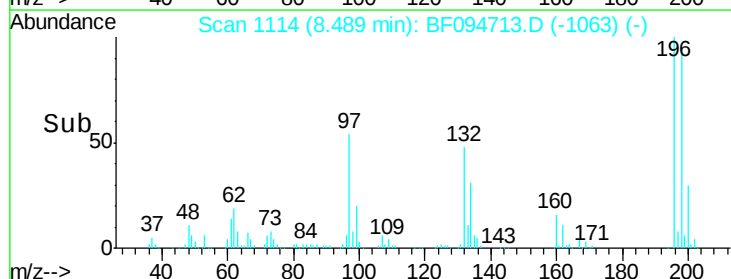
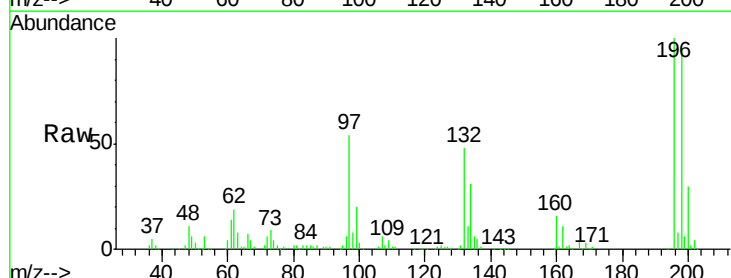
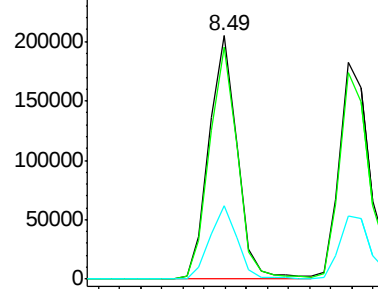
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	189161		
198	95.4	74.2	111.4	
200	29.9	24.0	36.0	

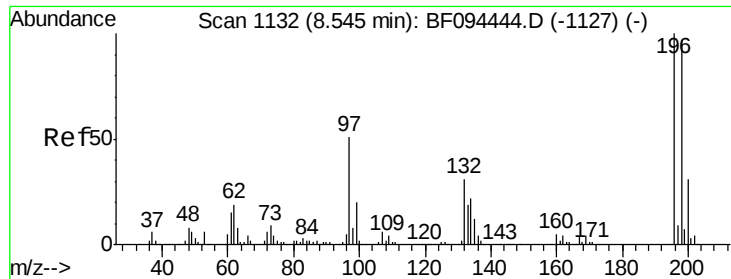
Abundance

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





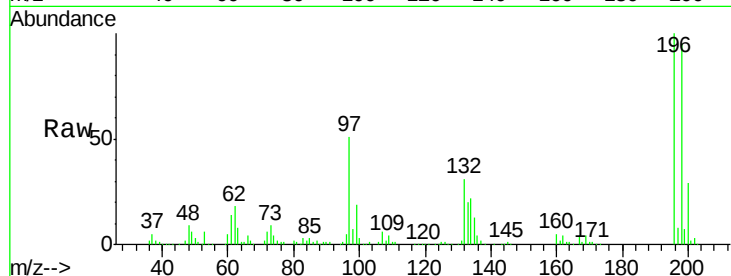
#43
 2,4,5-Trichlorophenol
 Concen: 43.63 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BS

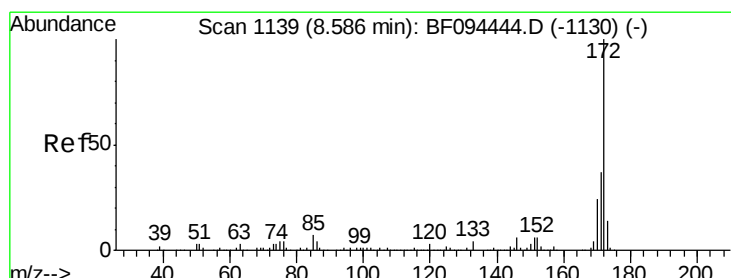
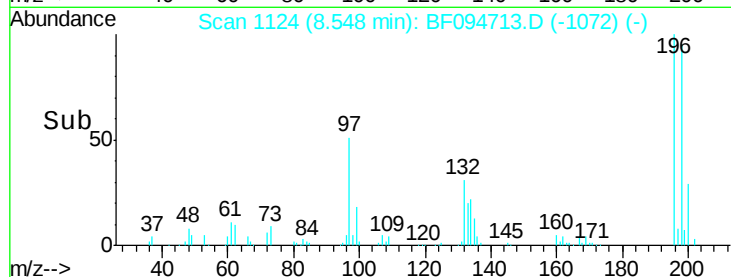
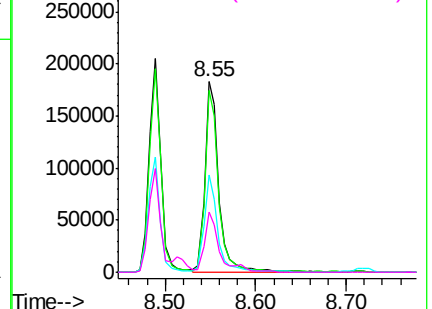
Tot Ion:	196	Resp:	196377
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.7	113.5
97	51.1	47.7	71.5
132	31.3	28.0	42.0

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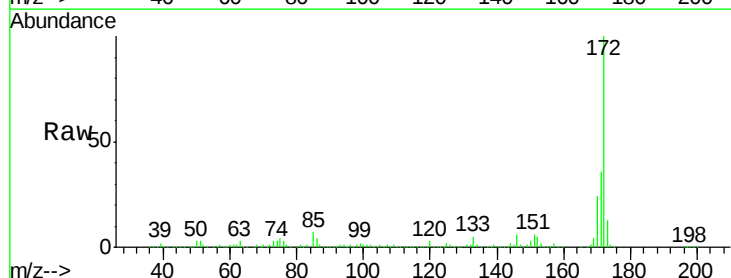


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

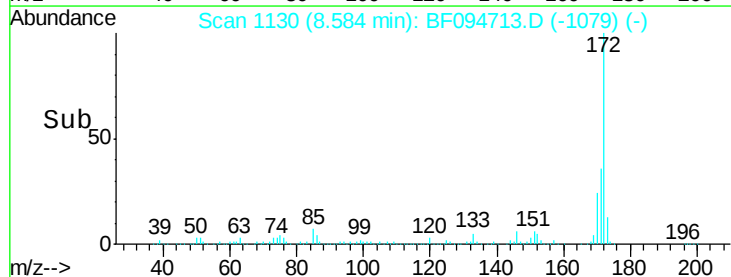
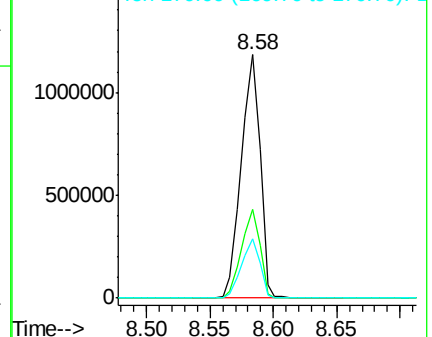


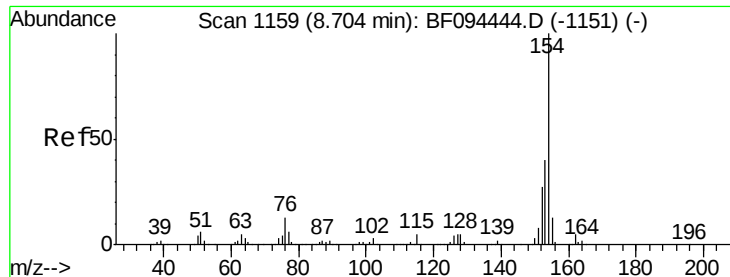
#44
 2-Fluorobiphenyl
 Concen: 81.18 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion:	172	Resp:	1209236
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	24.1	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 40.96 ng

RT: 8.70 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

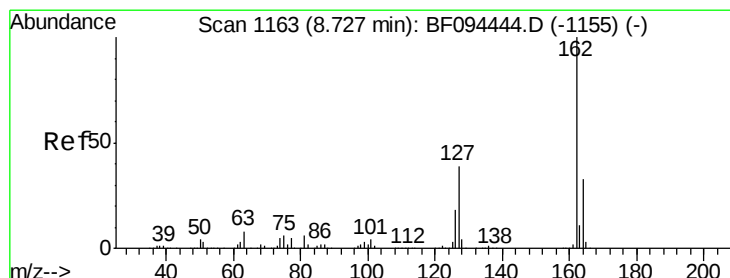
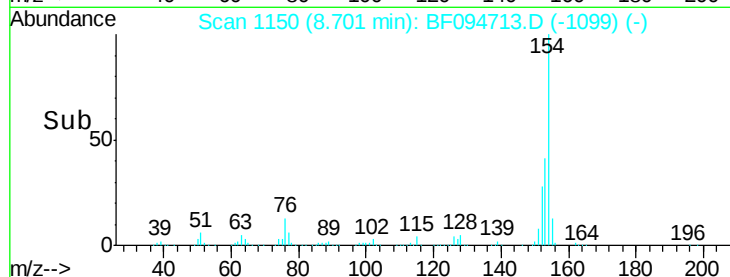
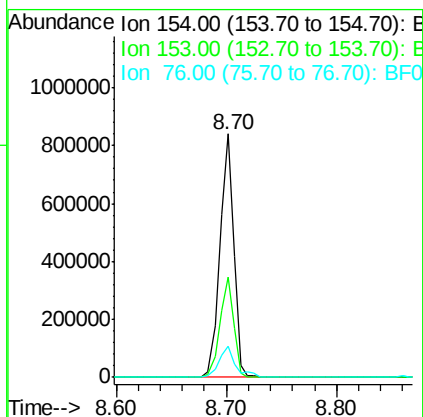
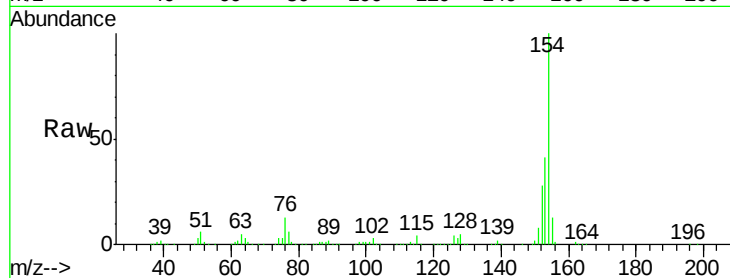
ClientSampleId :

PB98552BS

Tot Ion:	154	Resp:	733505
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.2	61.2
76	12.8	0.0	29.9

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#46

2-Chloronaphthalene

Concen: 41.10 ng

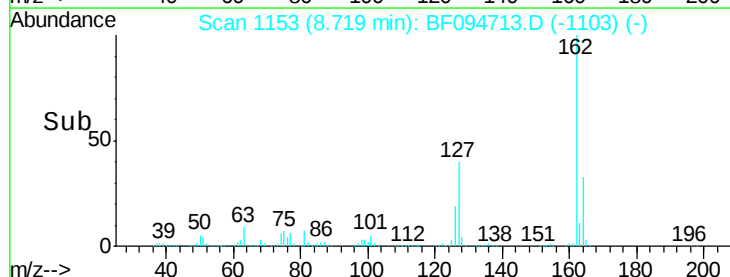
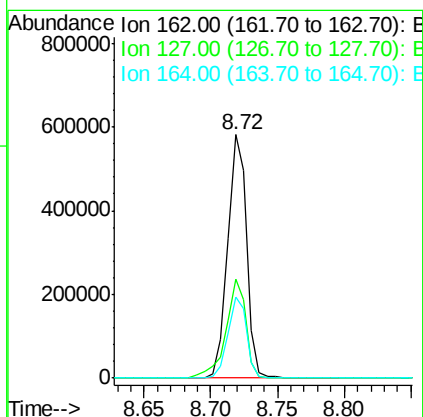
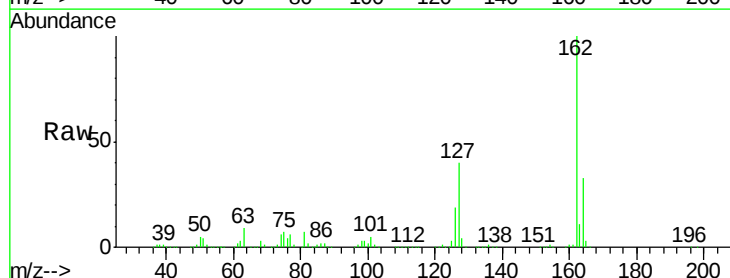
RT: 8.72 min Scan# 1153

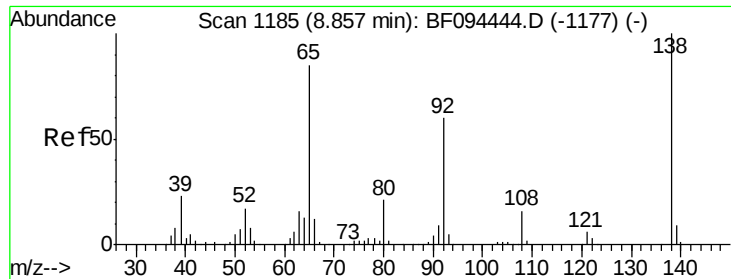
Delta R.T. -0.01 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Tgt Ion:	162	Resp:	585139
Ion Ratio	Lower	Upper	
162	100		
127	40.4	28.3	42.5
164	33.3	27.0	40.4





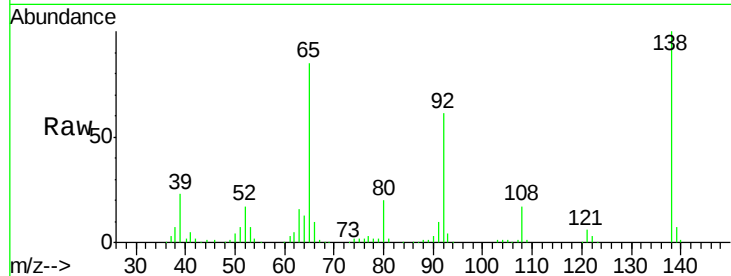
#47
2-Nitroaniline
Concen: 40.77 ng
RT: 8.86 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.3	53.9	80.9
138	117.4	78.8	118.2

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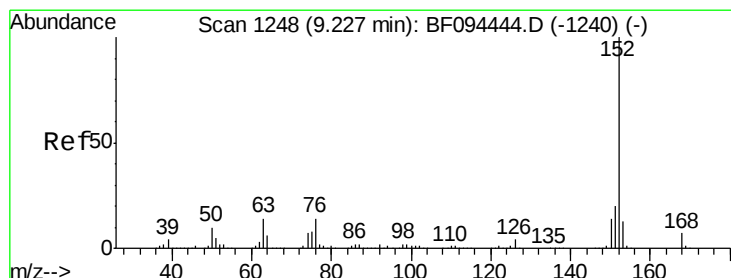
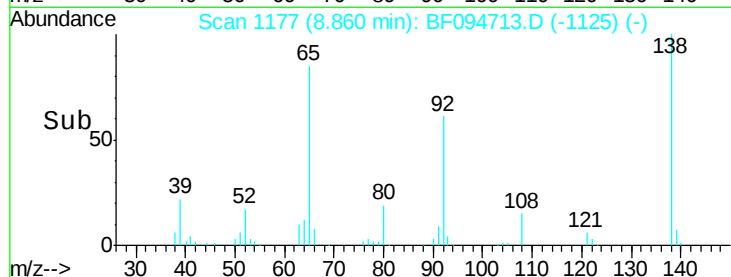
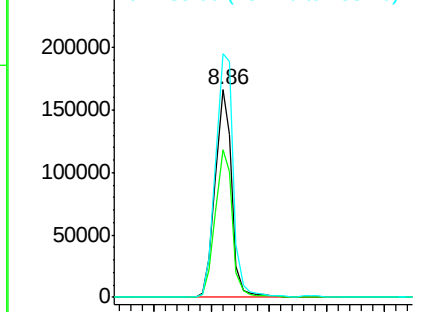


Abundance

Ion 65.00 (64.70 to 65.70): BF0

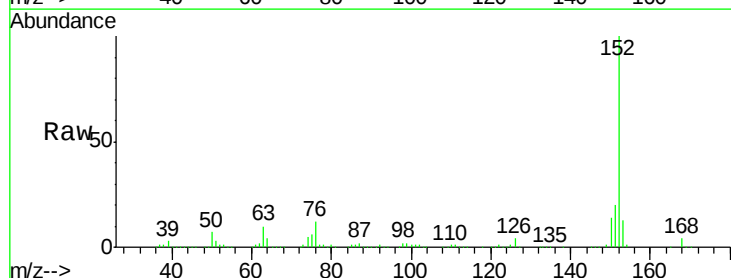
Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48
Acenaphthylene
Concen: 41.65 ng
RT: 9.22 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.3	10.8	16.2

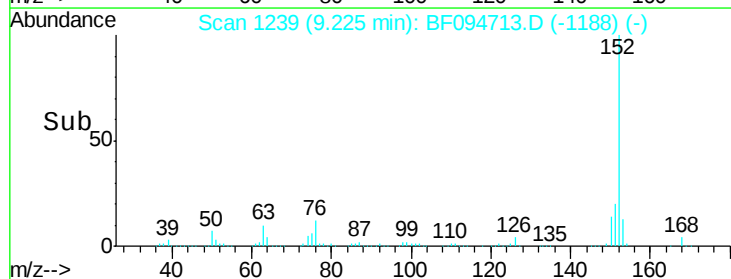
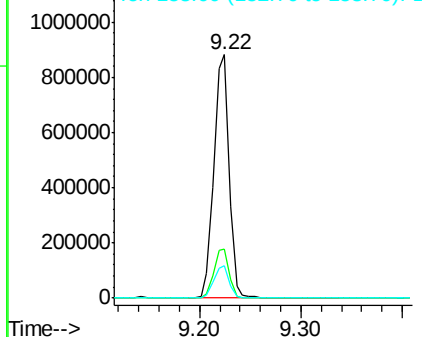


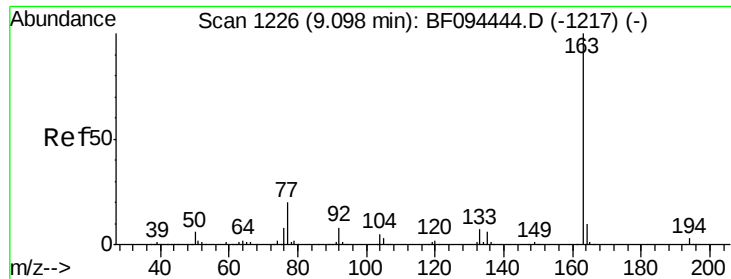
Abundance

Ion 152.00 (151.70 to 152.70): BF0

Ion 151.00 (150.70 to 151.70): BF0

Ion 153.00 (152.70 to 153.70): BF0





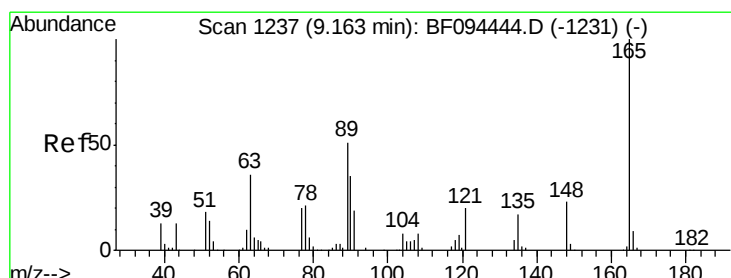
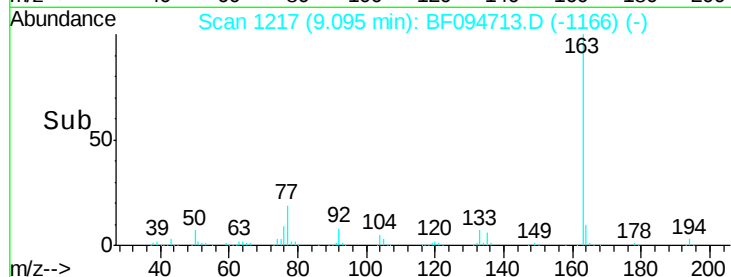
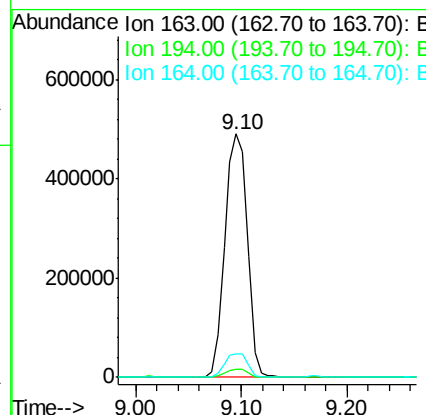
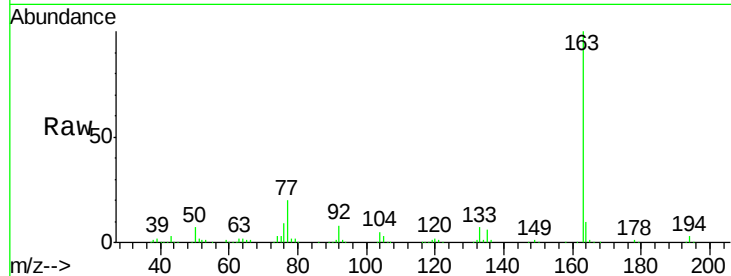
#49
Dimethylphthalate
Concen: 44.43 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	725628		
194	3.4		2.6	4.0
164	9.9		8.4	12.6

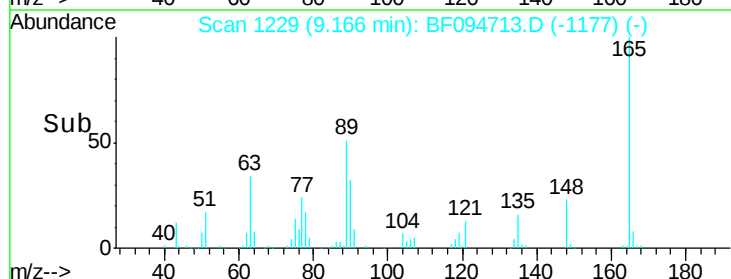
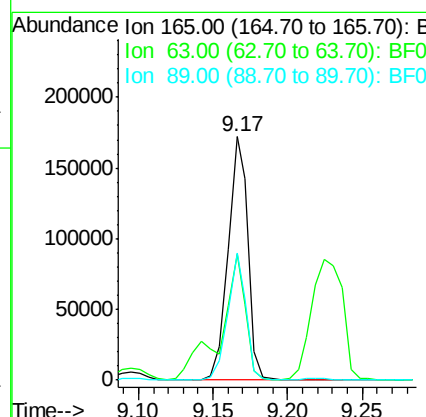
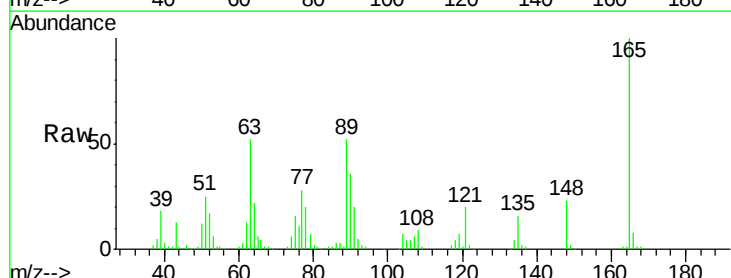
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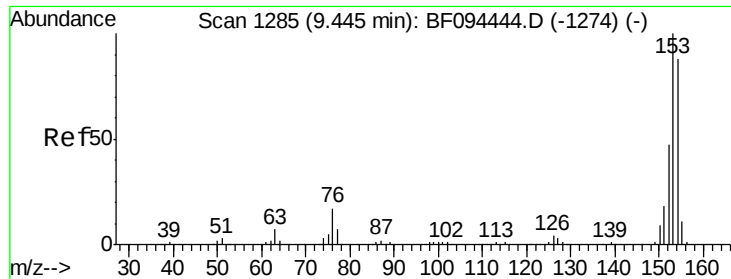
mohammad
5/1/2017 7:50:47 PM



#50
2,6-Dinitrotoluene
Concen: 44.21 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	162063		
63	51.6		34.3	51.5#
89	52.2		37.1	55.7





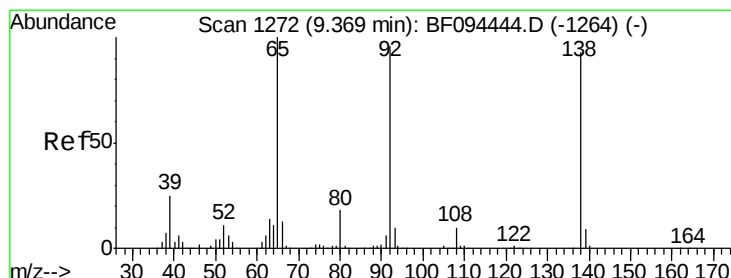
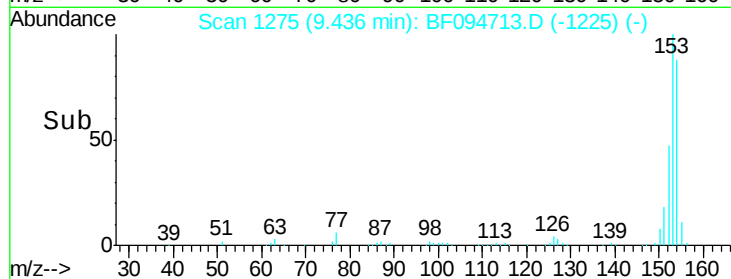
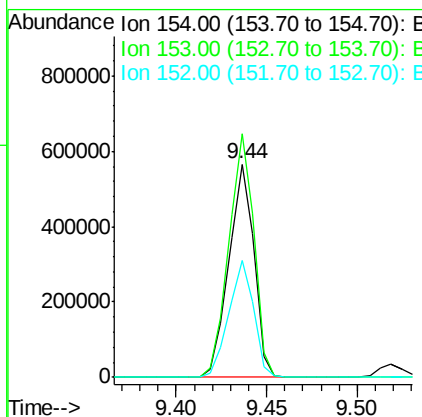
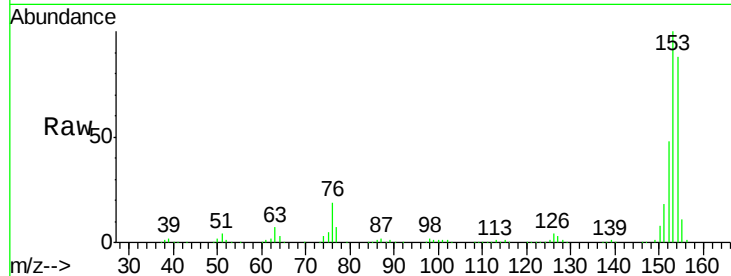
#51
Acenaphthene
Concen: 41.23 ng
RT: 9.44 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.5	135.7
152	54.8	43.6	65.4

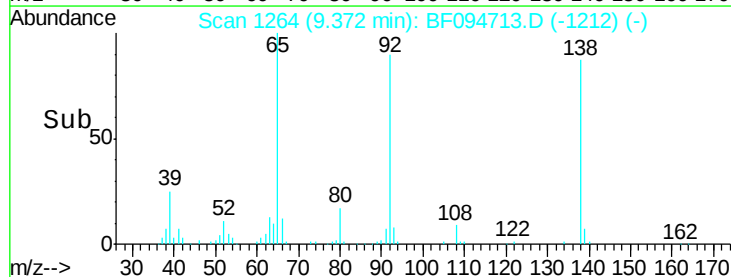
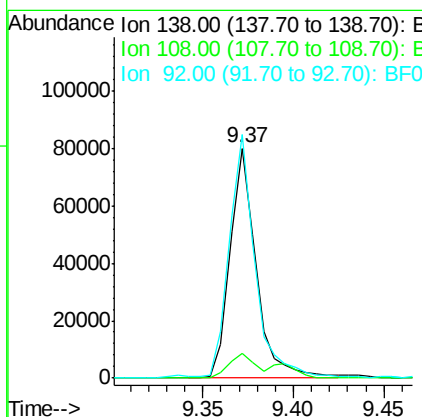
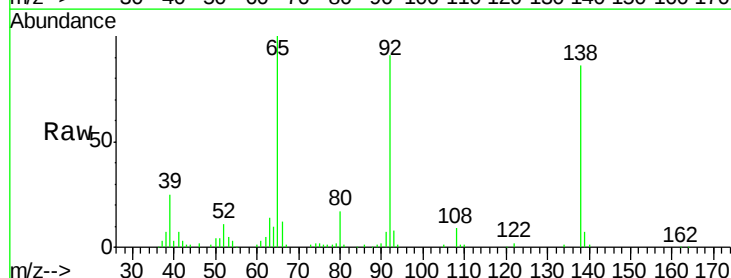
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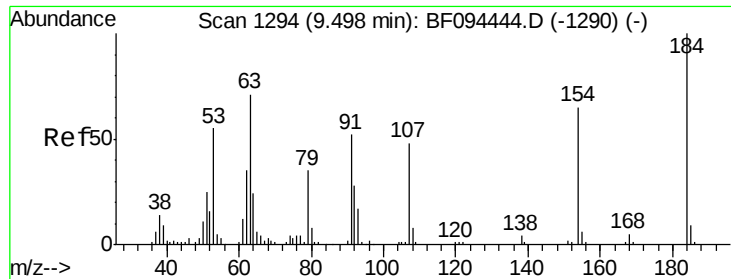
mohammad
5/1/2017 7:50:47 PM



#52
3-Nitroaniline
Concen: 19.08 ng
RT: 9.37 min Scan# 1264
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.1	13.7
92	105.9	93.8	140.6





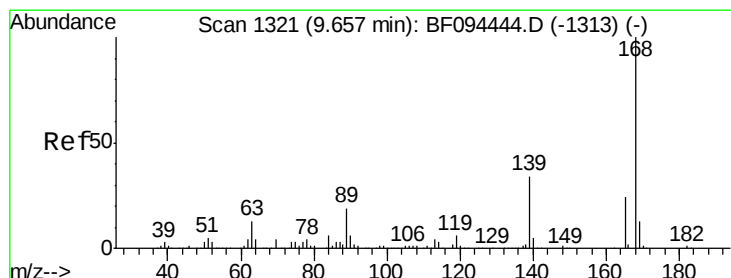
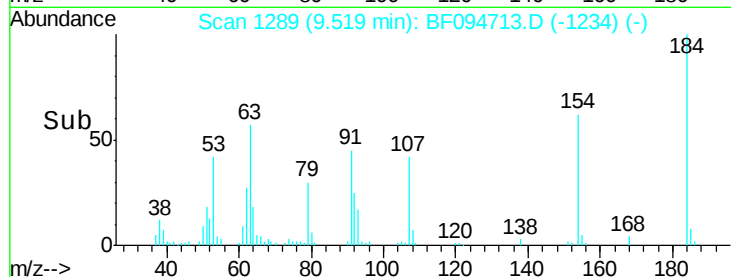
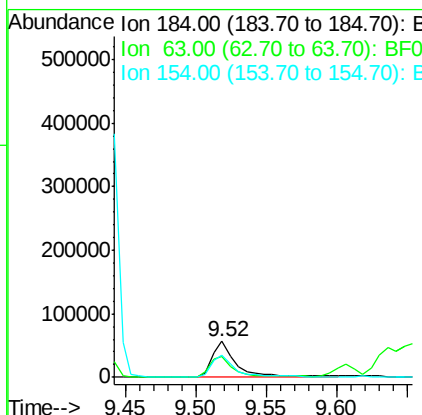
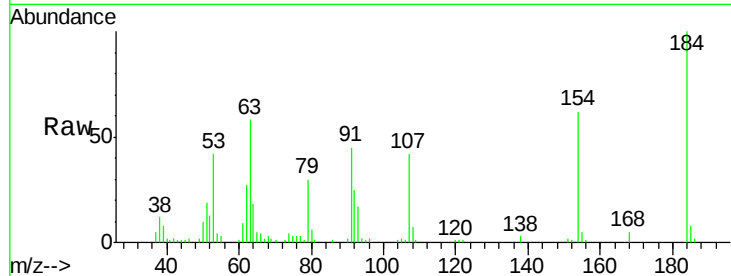
#53
2,4-Dinitrophenol
Concen: 37.60 ng
RT: 9.52 min Scan# 1289
Delta R.T. 0.02 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	57.8	62.7	94.1#
154	61.5	81.1	121.7#

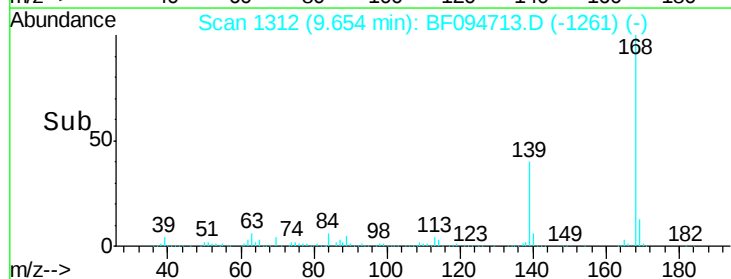
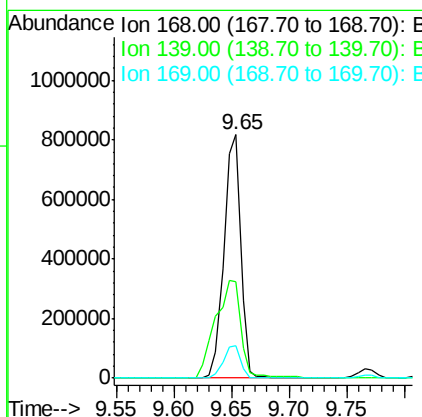
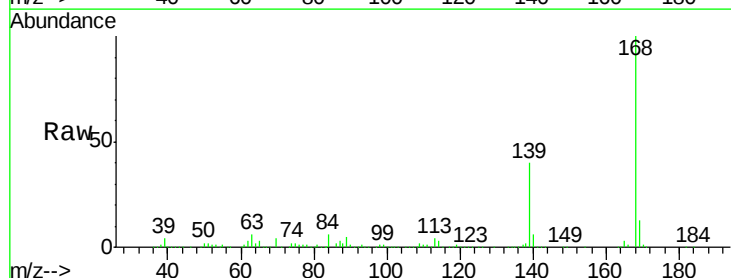
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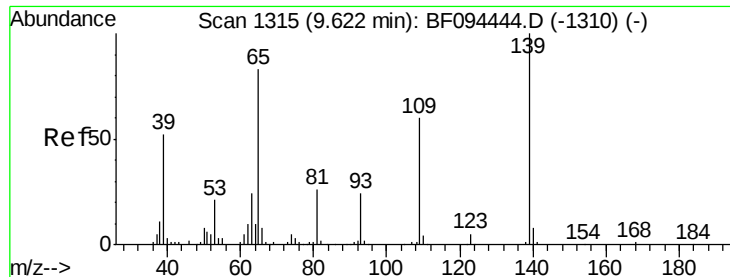
mohammad
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#54
Dibenzofuran
Concen: 42.78 ng
RT: 9.65 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.7	30.6	45.8
169	13.4	10.8	16.2





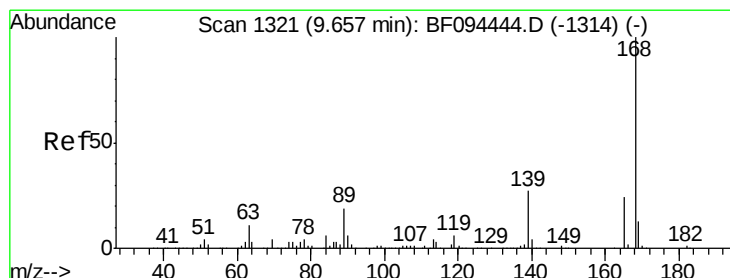
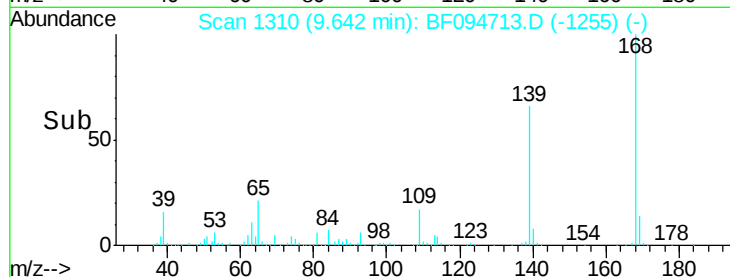
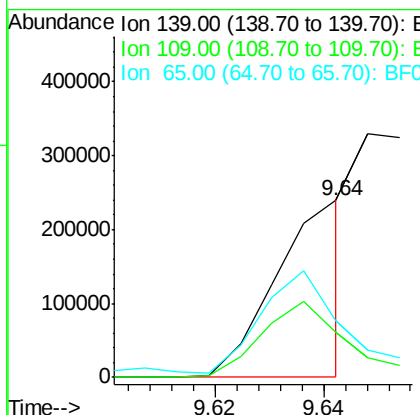
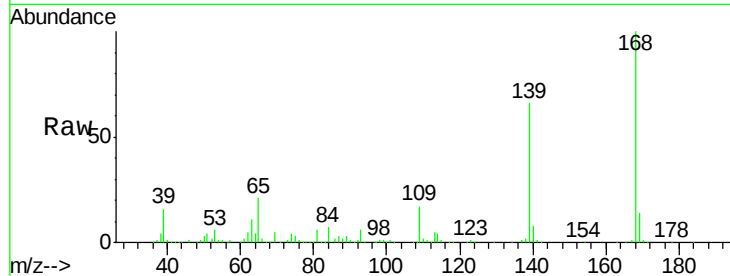
#55
4-Nitrophenol
Concen: 73.29 ng/mL
RT: 9.64 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	219610		
109	25.7	34.1	74.1	#
65	32.4	31.4	71.4	

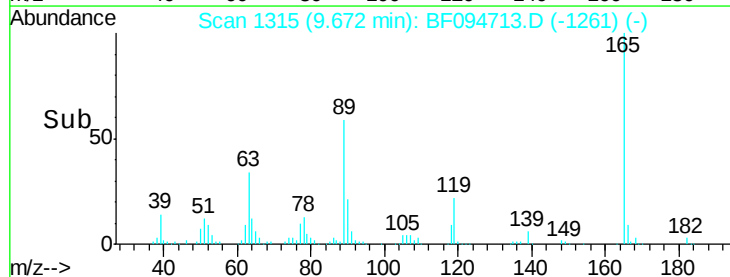
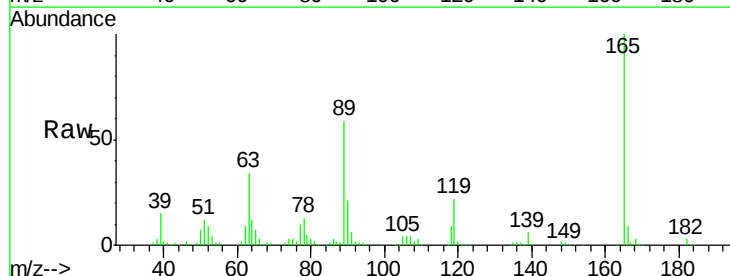
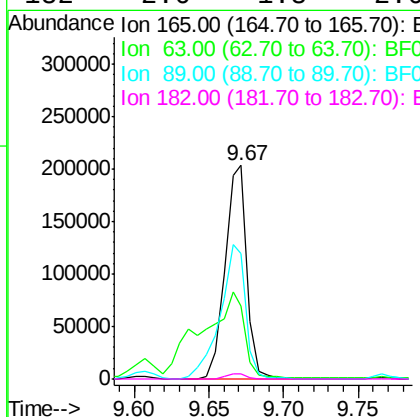
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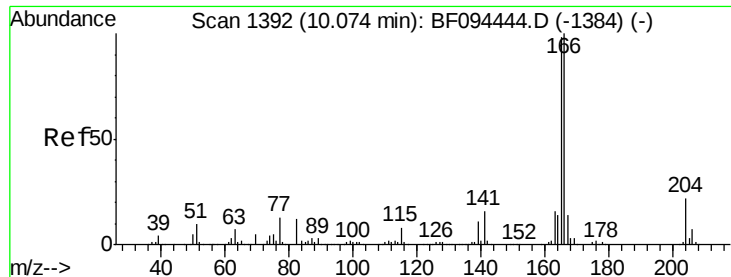
mohammad
5/1/2017 7:50:47 PM



#56
2,4-Dinitrotoluene
Concen: 46.82 ng/mL
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	210586		
63	34.4	25.4	38.0	
89	58.6	46.4	69.6	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 42.48 ng

RT: 10.07 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Instrument :

BNA_F

ClientSampleId :

PB98552BS

Tot Ion:166 Resp: 639204

Ion Ratio Lower Upper

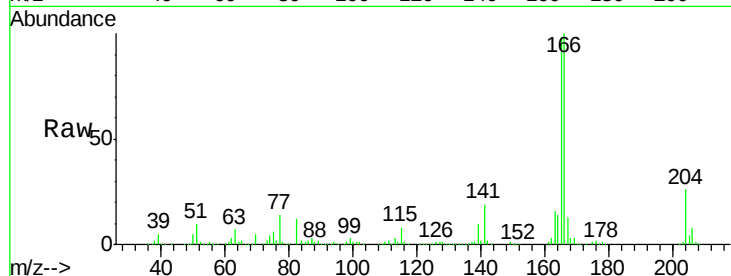
166 100

165 97.5 78.8 118.2

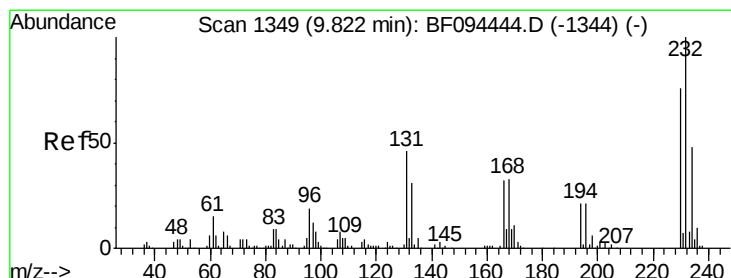
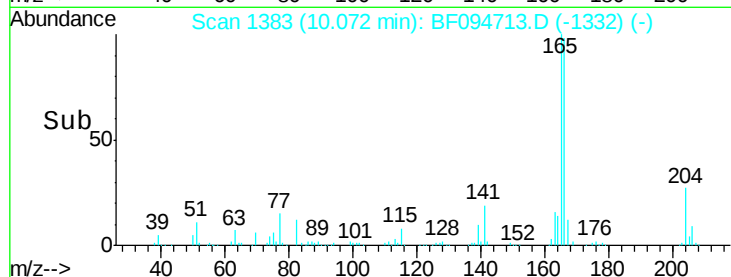
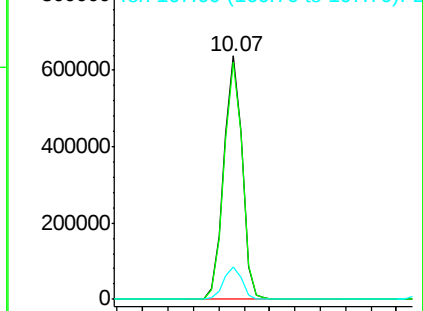
167 13.2 10.6 16.0

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.79 ng

RT: 9.82 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Tgt Ion:232 Resp: 141268

Ion Ratio Lower Upper

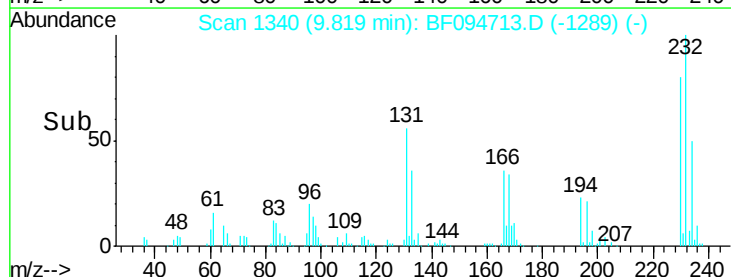
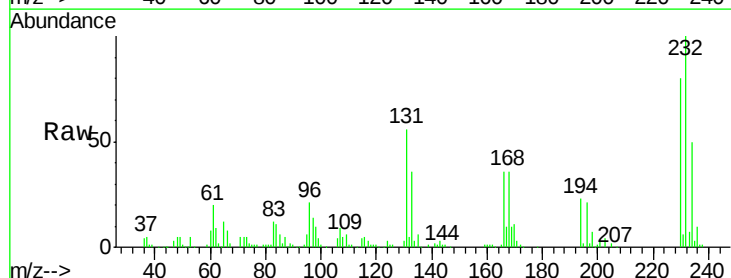
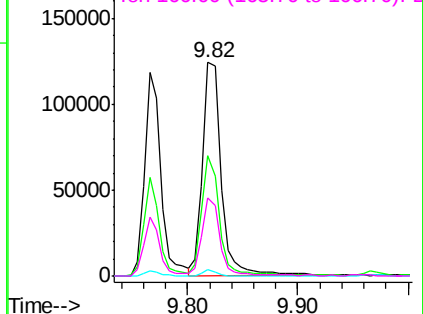
232 100

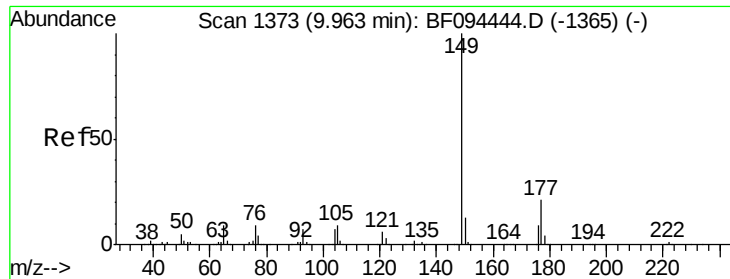
131 52.5 44.8 67.2

130 2.3 2.3 3.5#

166 33.5 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





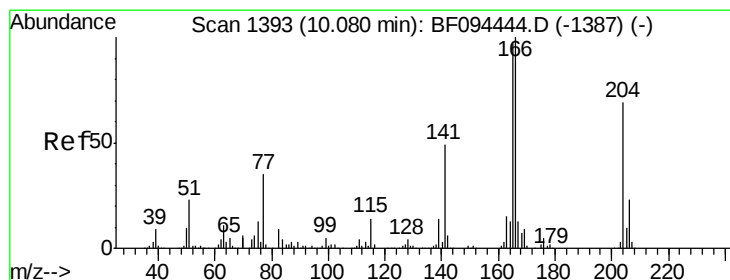
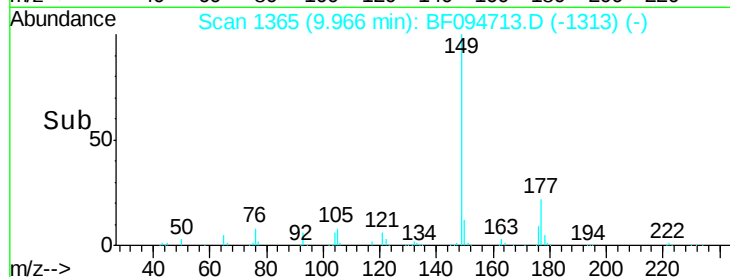
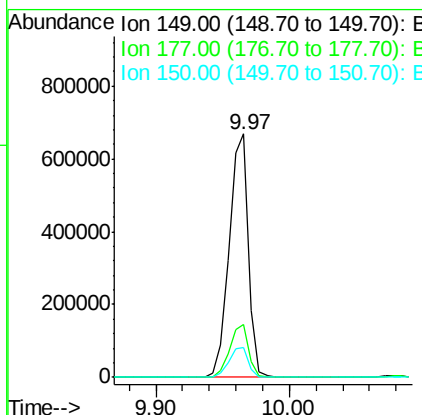
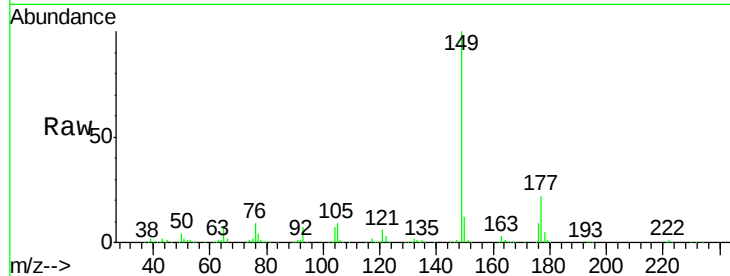
#59
Diethylphthalate
Concen: 44.07 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.7	25.1
150	12.3	10.2	15.2

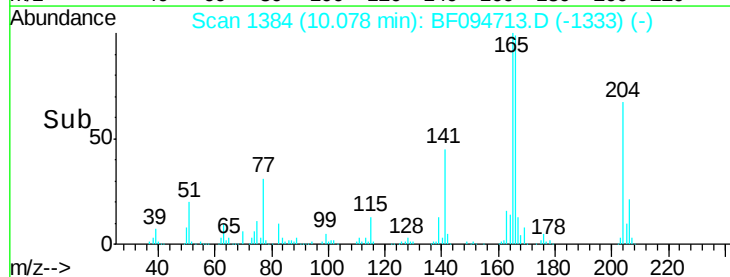
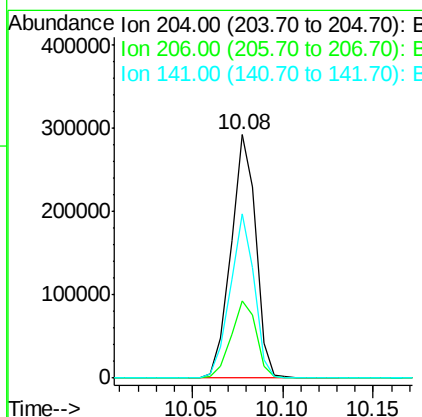
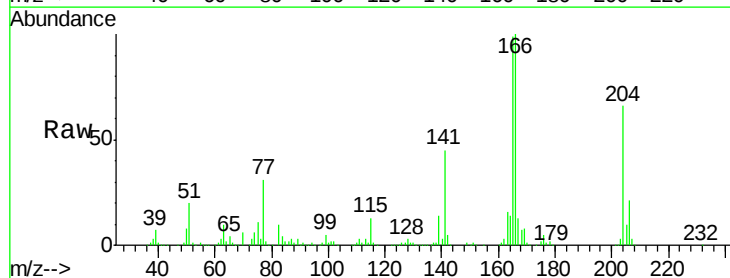
Manual Integrations
APPROVED

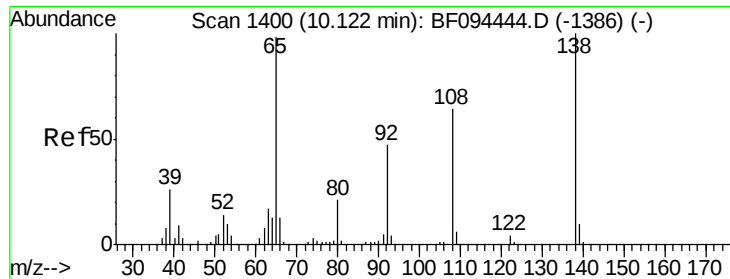
mohammad
5/1/2017 7:50:47 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.58 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.2	39.2
141	67.5	60.8	91.2





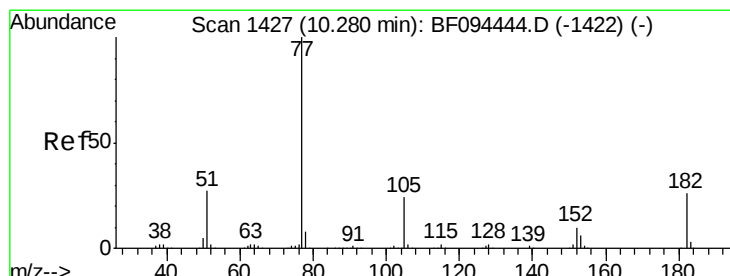
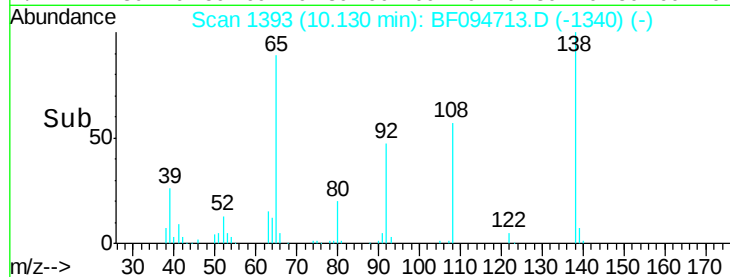
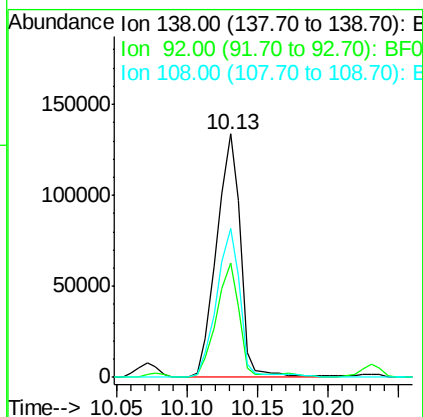
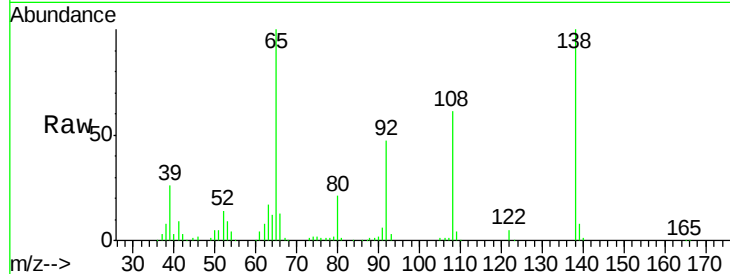
#61
4-Nitroaniline
Concen: 36.64 ng
RT: 10.13 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.1	21.8	61.8
108	61.2	42.3	82.3

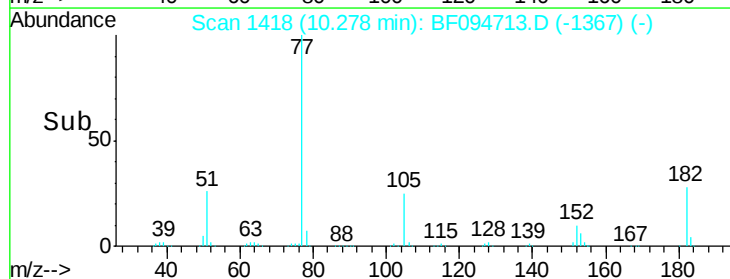
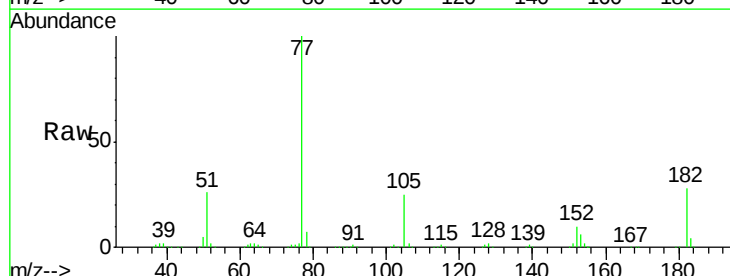
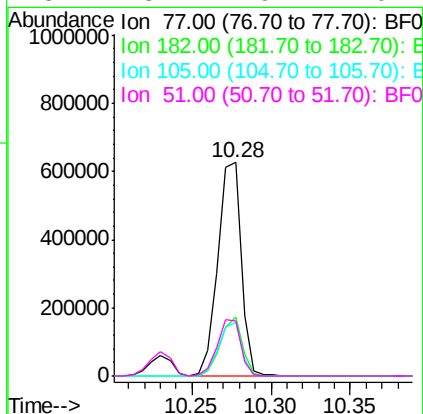
Manual Integrations
APPROVED

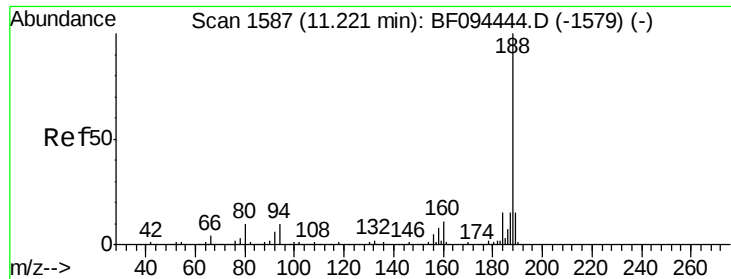
mohammad
5/1/2017 7:50:47 PM



#62
Azobenzene
Concen: 42.91 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.6	0.1	40.1
105	25.0	3.6	43.6
51	25.7	9.4	49.4





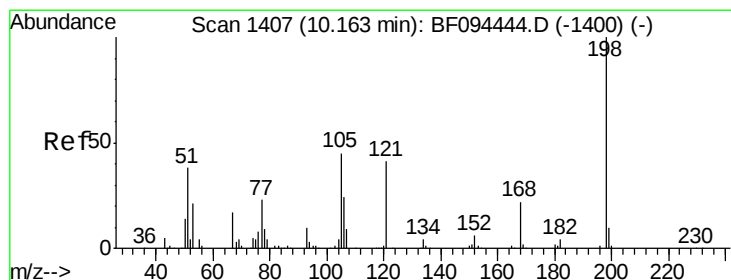
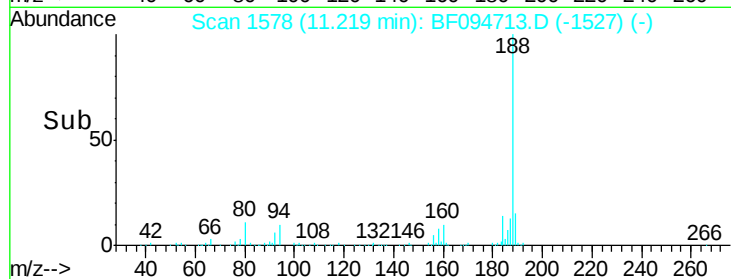
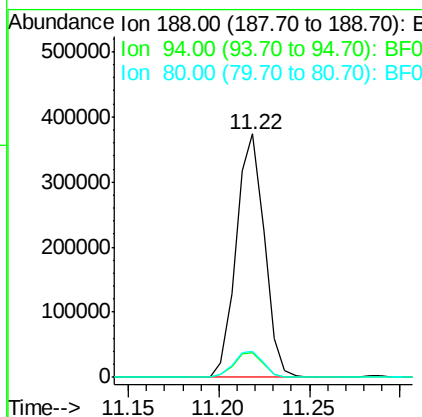
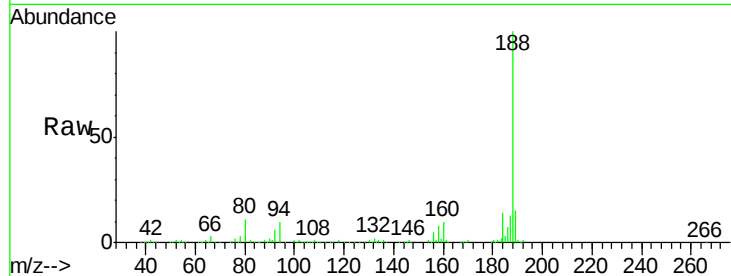
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	402950		
94	10.1		9.4	14.2
80	10.6		10.2	15.2

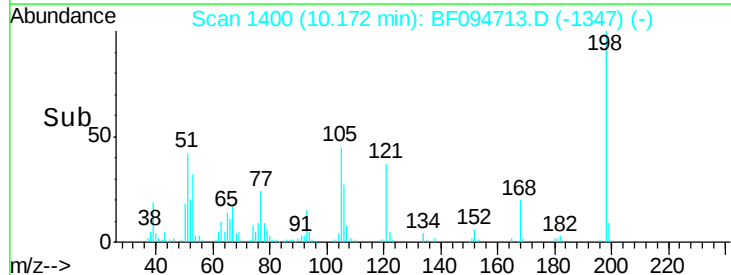
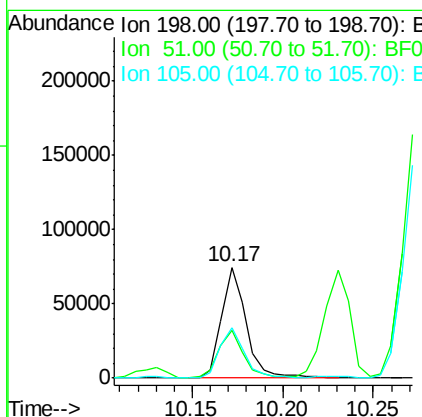
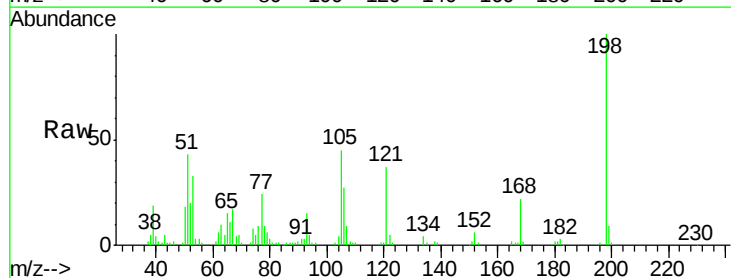
Manual Integrations
APPROVED

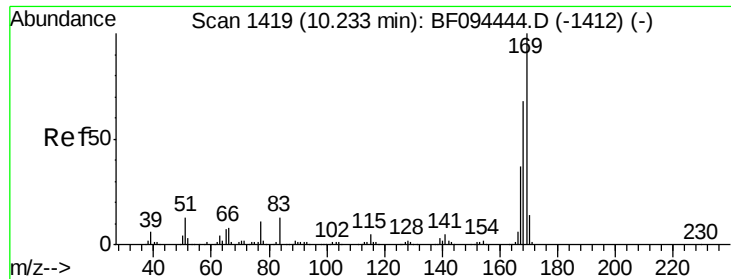
mohammad
5/1/2017 7:50:47 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 26.81 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	70772		
51	43.1		53.2	93.2#
105	45.1		45.8	85.8#





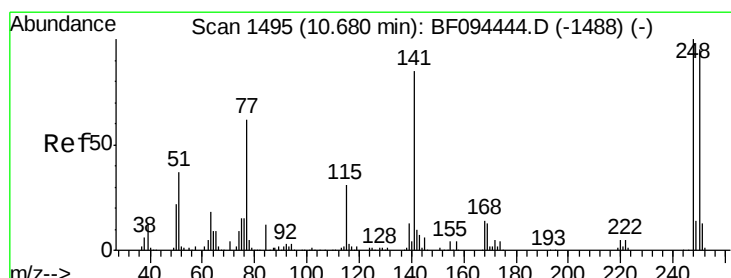
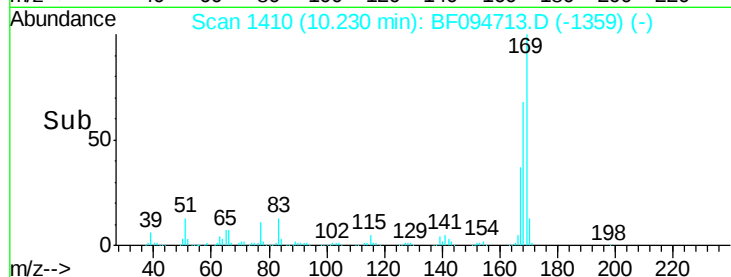
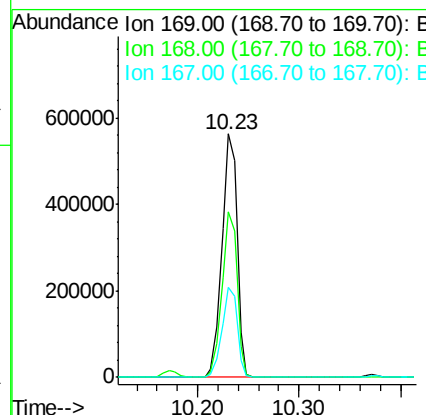
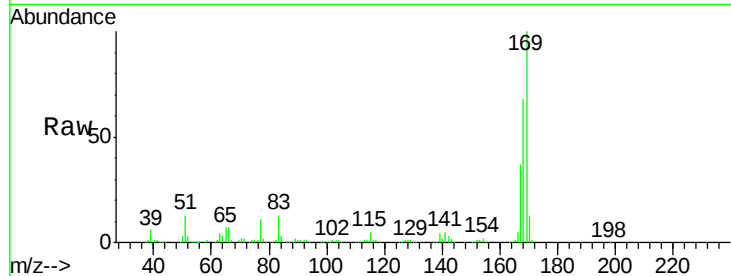
#65
n-Nitrosodiphenylamine
Concen: 42.11 ng
RT: 10.23 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	590121		
168	67.8	53.2	79.8	
167	36.9	29.5	44.3	

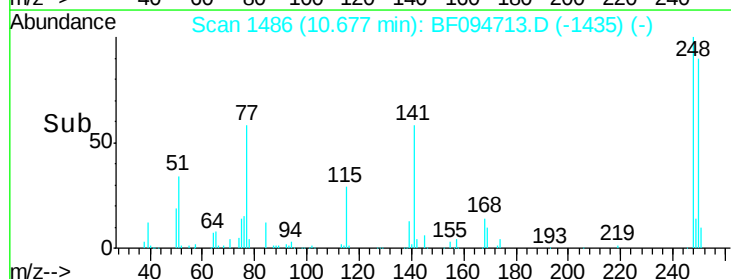
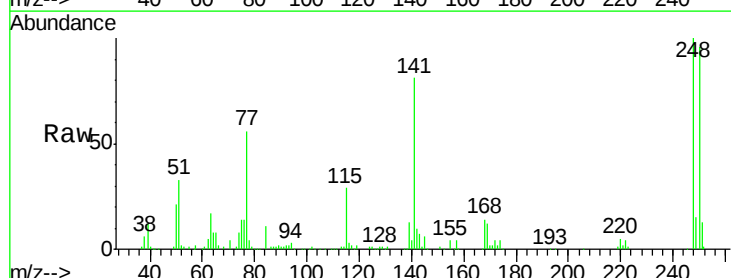
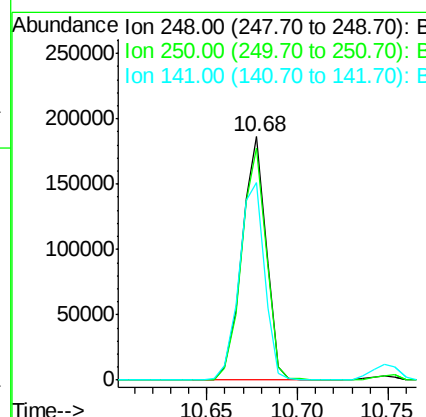
Manual Integrations
APPROVED

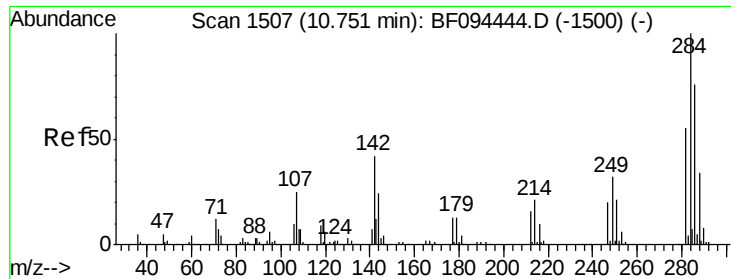
mohammad
5/1/2017 7:50:47 PM



#66
4-Bromophenyl-phenylether
Concen: 43.36 ng
RT: 10.68 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	173510		
250	95.5	76.8	115.2	
141	81.4	68.6	103.0	





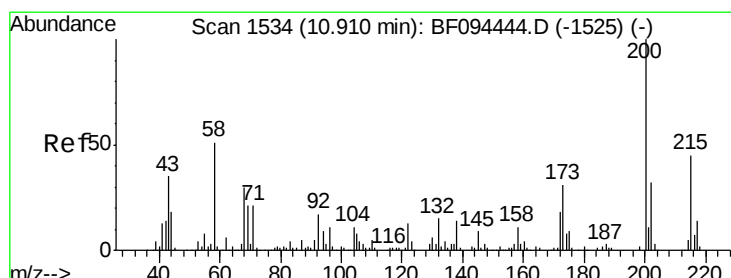
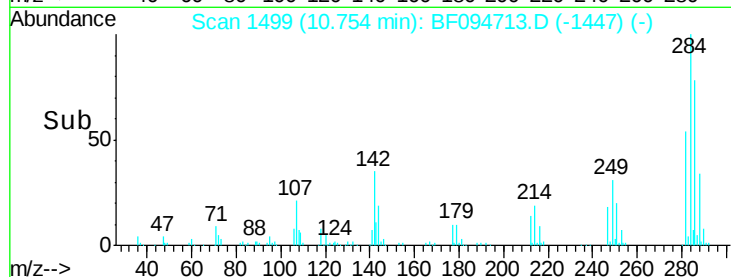
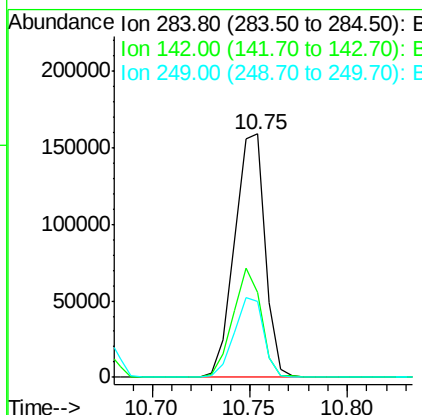
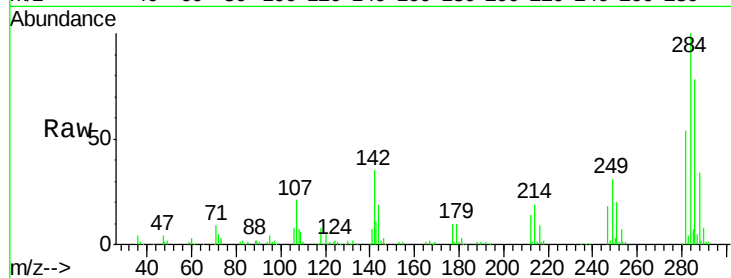
#67
Hexachlorobenzene
Concen: 42.74 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	172332		
142	34.8	22.8	34.2	#
249	31.0	24.0	36.0	

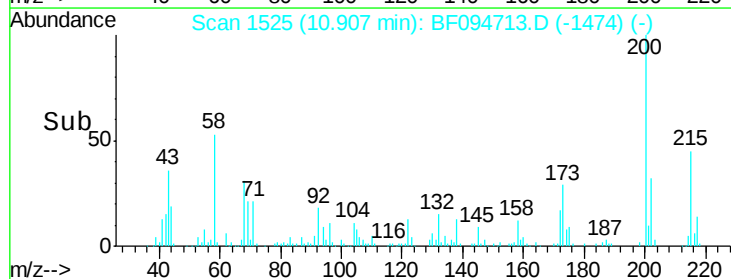
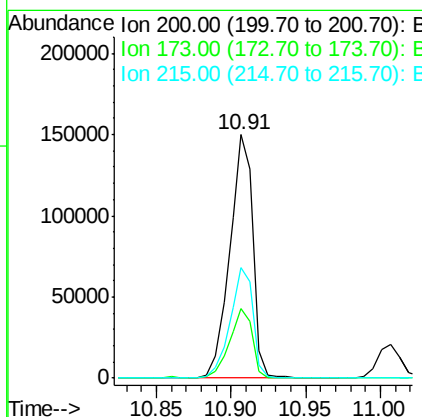
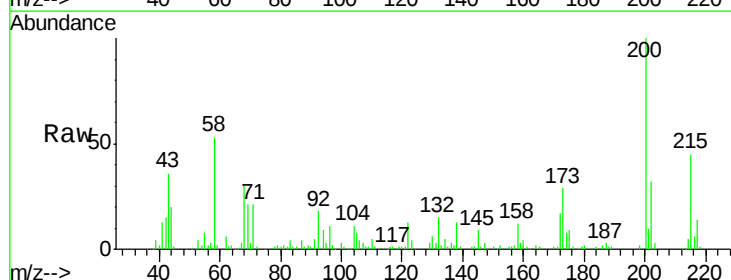
Manual Integrations
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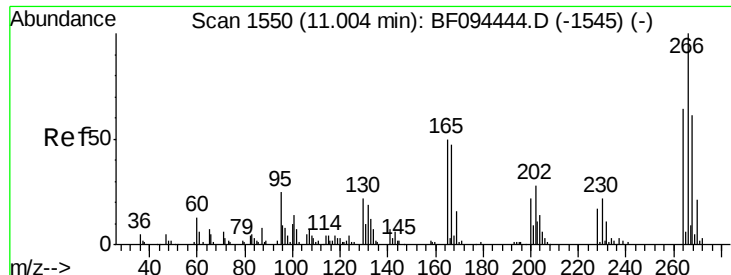
mohammad
5/1/2017 7:50:47 PM



#68
Atrazine
Concen: 39.04 ng
RT: 10.91 min Scan# 1525
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	163681		
173	28.5	6.3	46.3	
215	45.4	27.2	67.2	





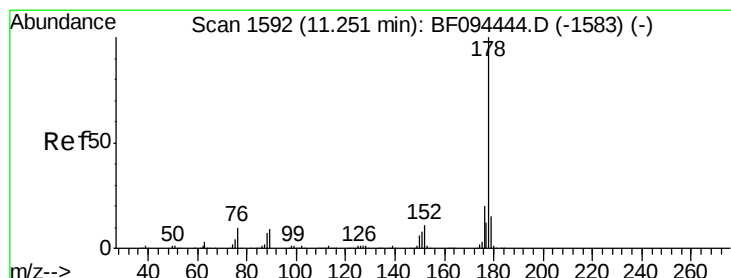
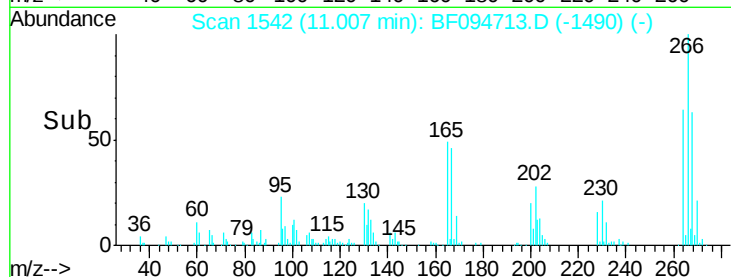
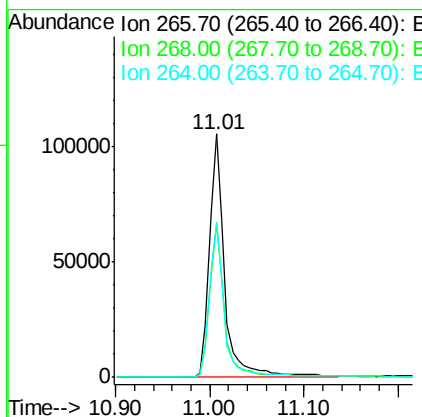
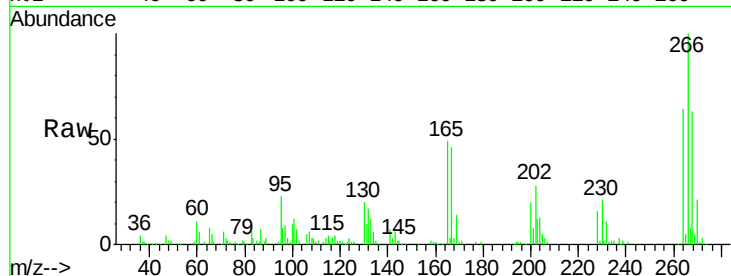
#69
 Pentachlorophenol
 Concen: 76.66 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	63.7	51.7	77.5

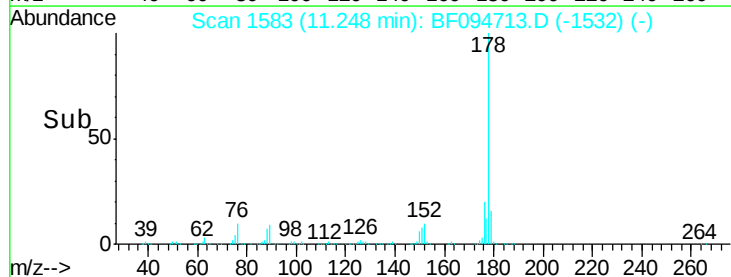
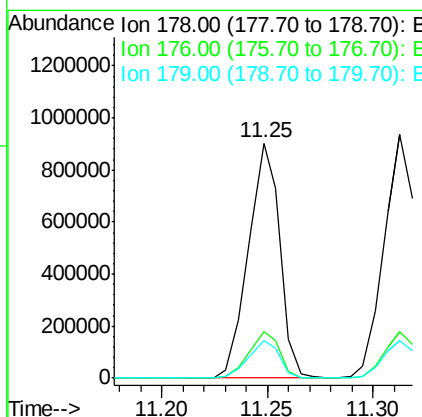
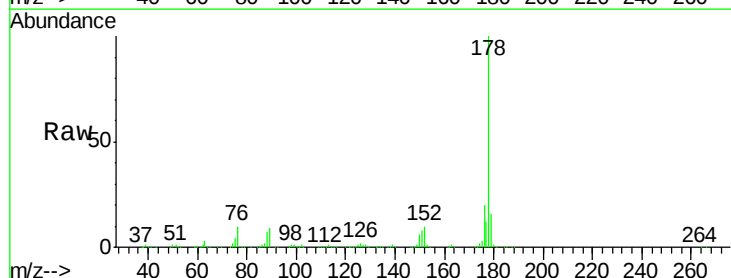
Manual Integrations
 APPROVED

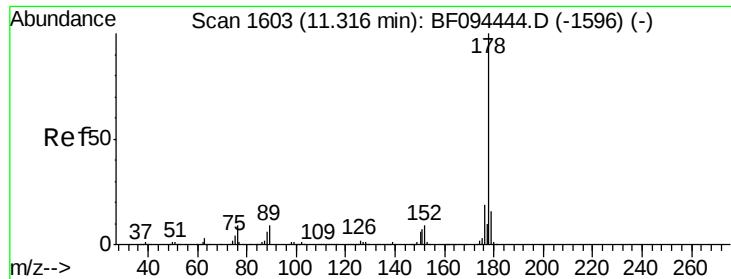
mohammad
 5/1/2017 7:50:47 PM



#70
 Phenanthrene
 Concen: 41.17 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.7	12.6	19.0





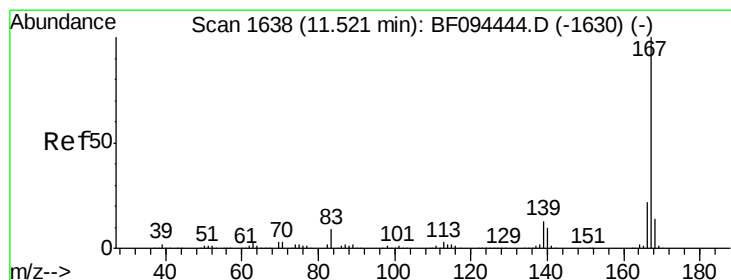
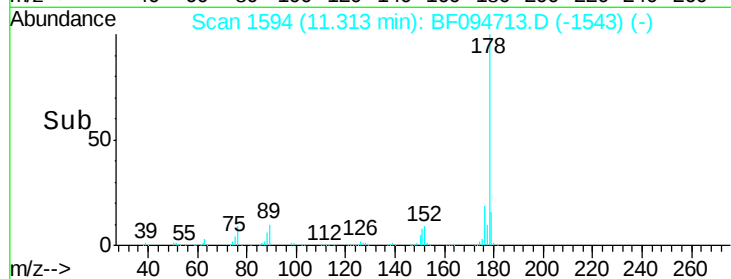
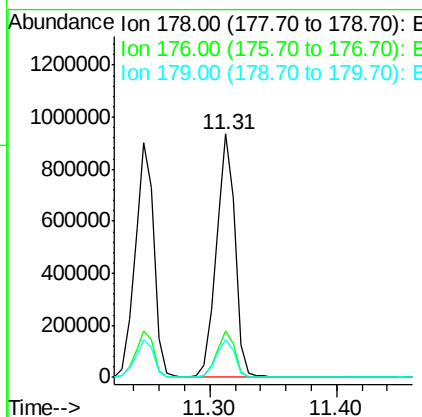
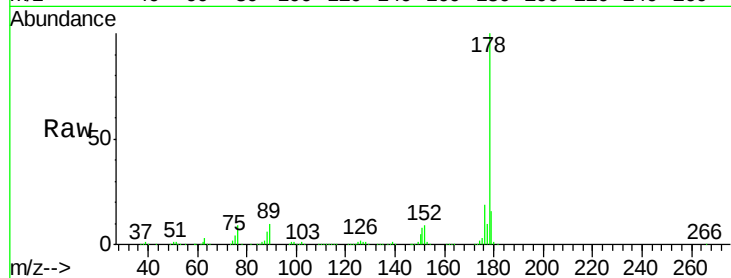
#71
 Anthracene
 Concen: 41.20 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.6	12.7	19.1

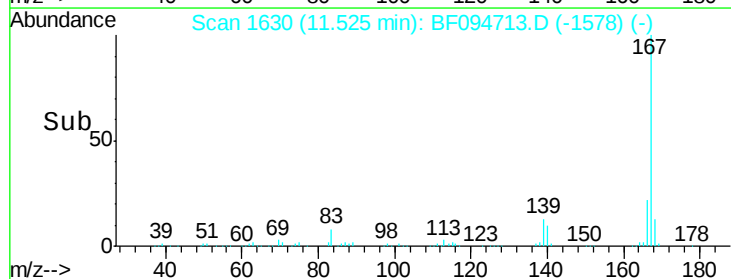
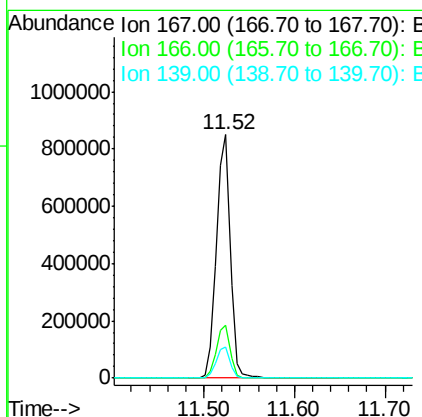
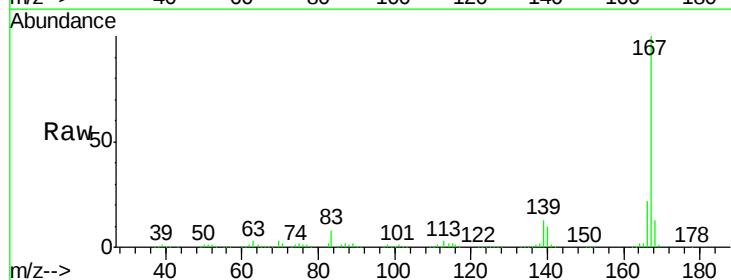
Manual Integrations
 APPROVED

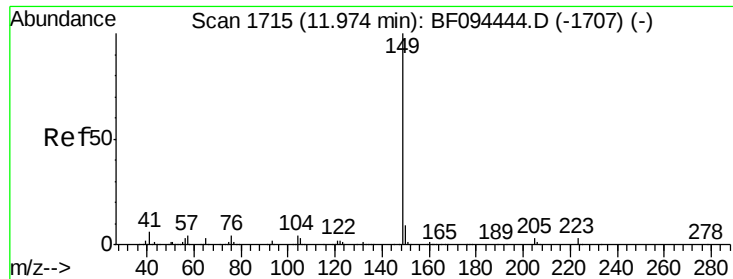
mohammad
 5/1/2017 7:50:47 PM



#72
 Carbazole
 Concen: 40.66 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.1	27.1
139	12.6	11.7	17.5





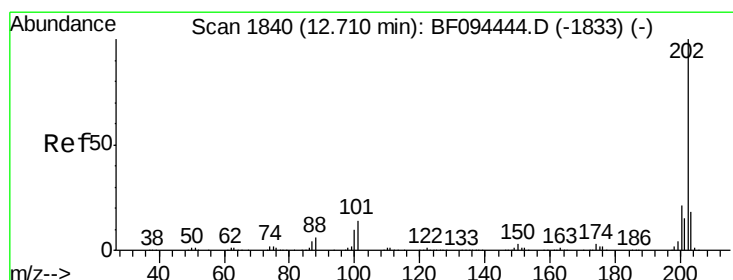
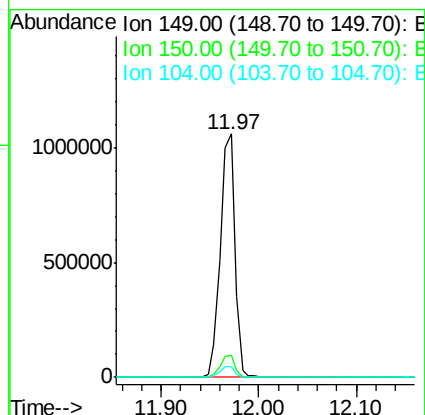
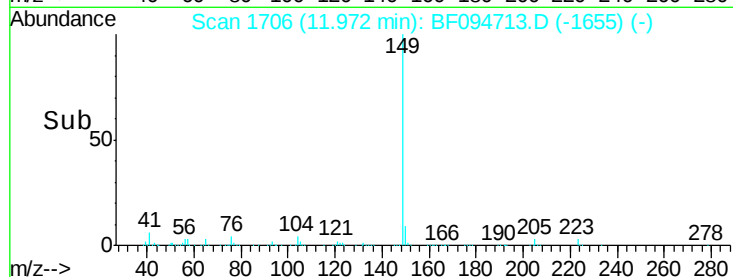
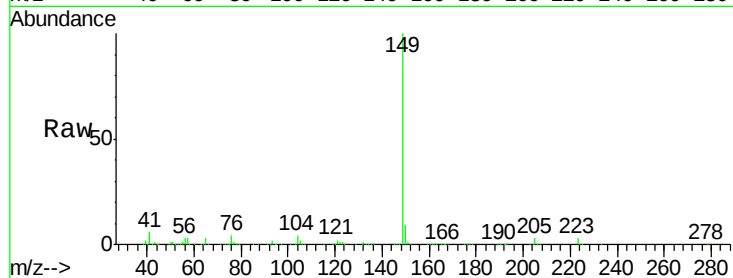
#73
Di-n-butylphthalate
Concen: 45.86 ng
RT: 11.97 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	4.2	4.0	6.0

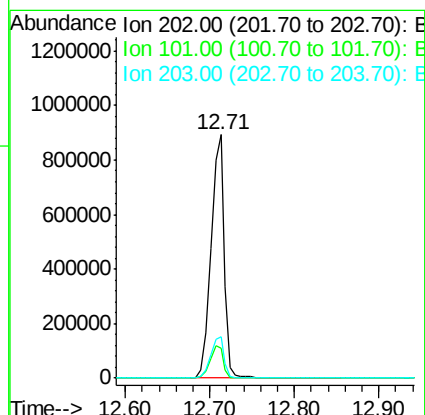
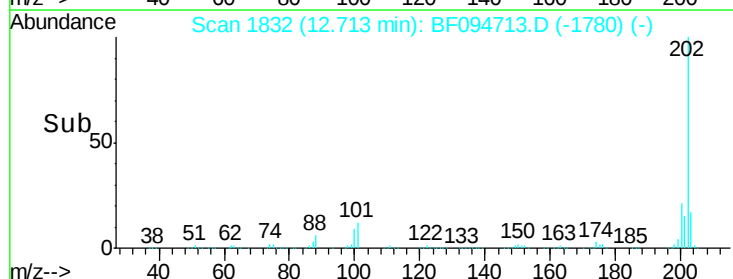
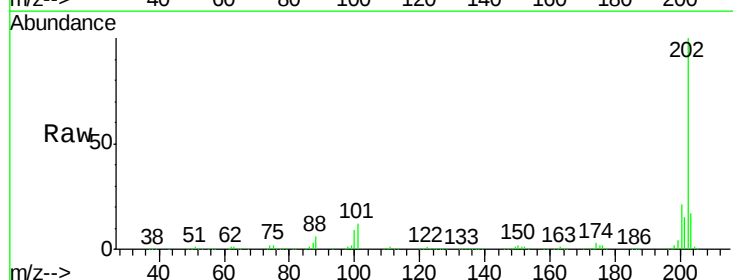
Manual Integrations
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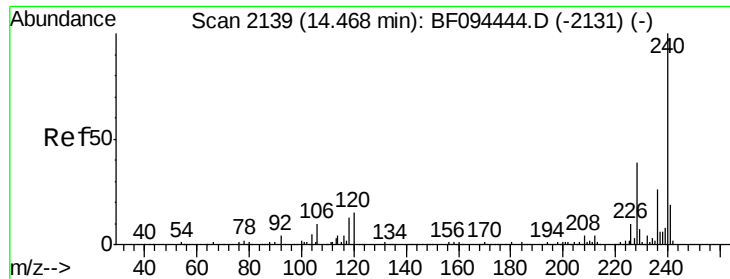
mohammad
5/1/2017 7:50:47 PM



#74
Fluoranthene
Concen: 41.92 ng
RT: 12.71 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	17.0	0.0	38.1





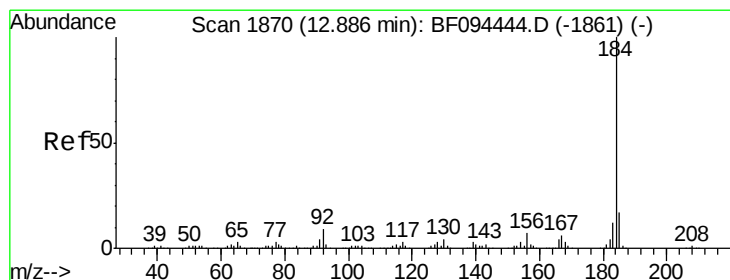
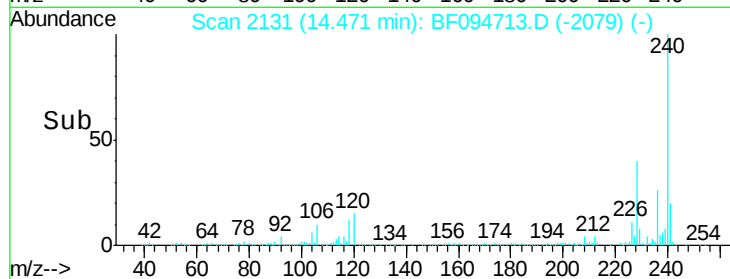
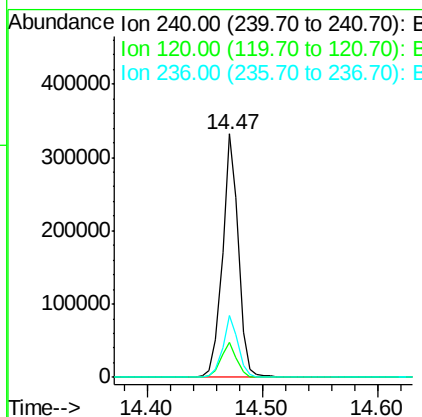
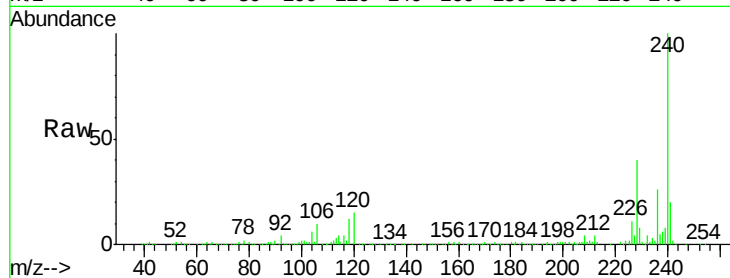
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.5	20.5	30.7

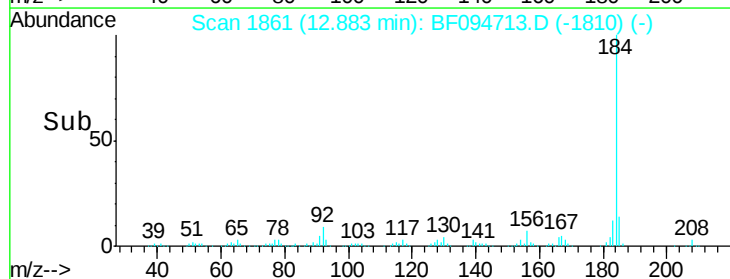
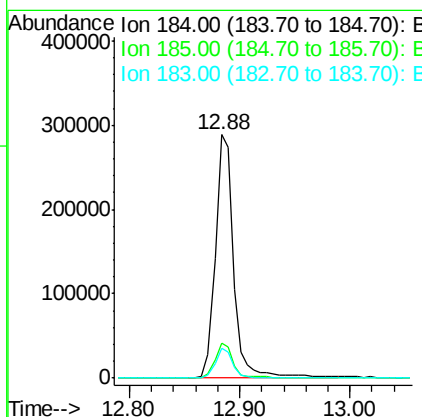
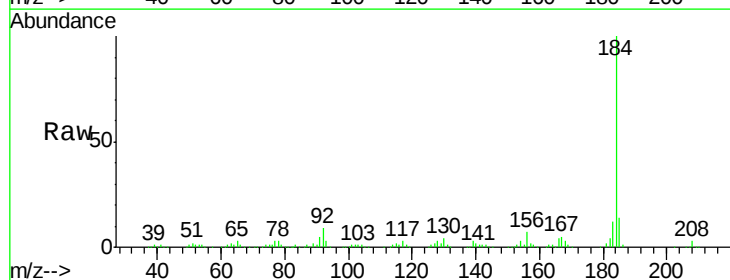
Manual Integrations
APPROVED

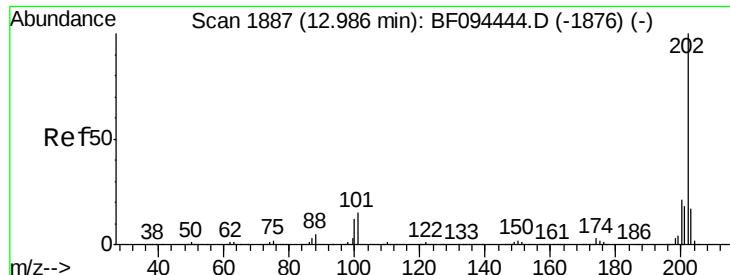
mohammad
5/1/2017 7:50:47 PM



#76
Benzidine
Concen: 25.82 ng
RT: 12.88 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	15.5	23.3#
183	12.1	9.8	14.6





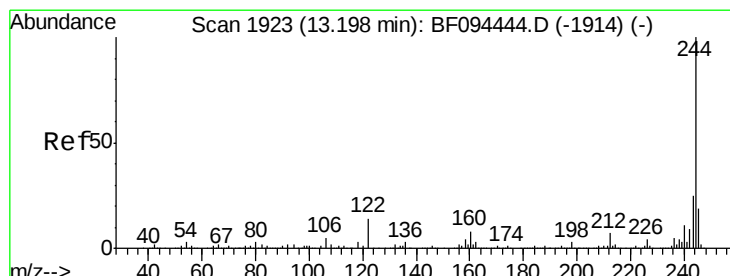
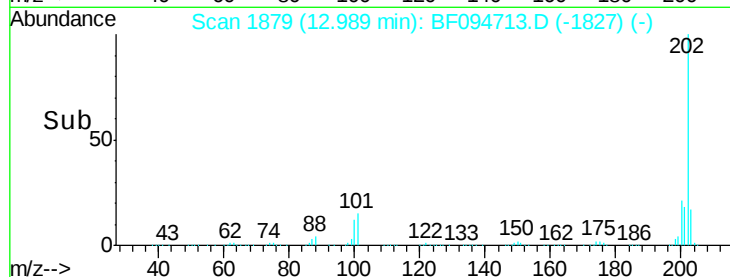
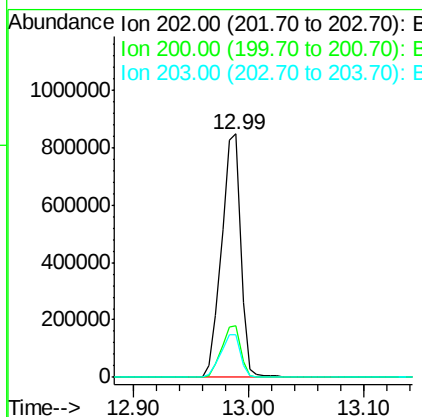
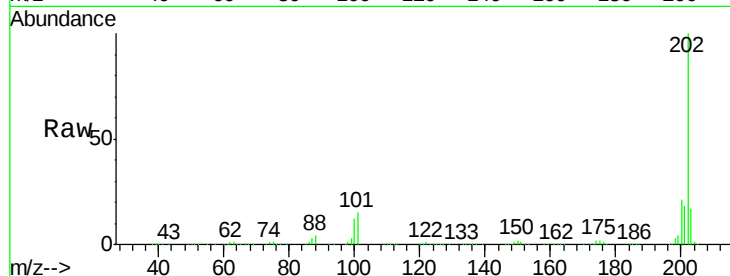
#77
Pvrene
Concen: 44.36 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	981401		
200	21.1		17.6	26.4
203	17.4		14.4	21.6

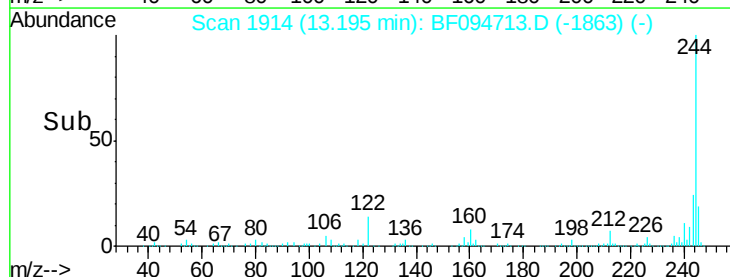
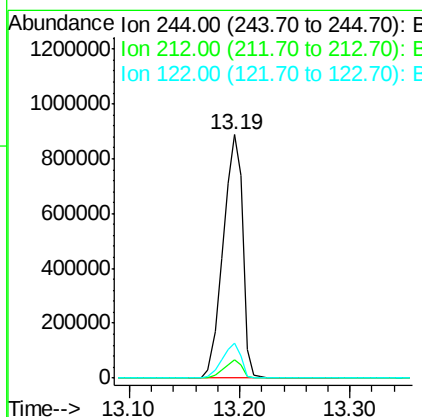
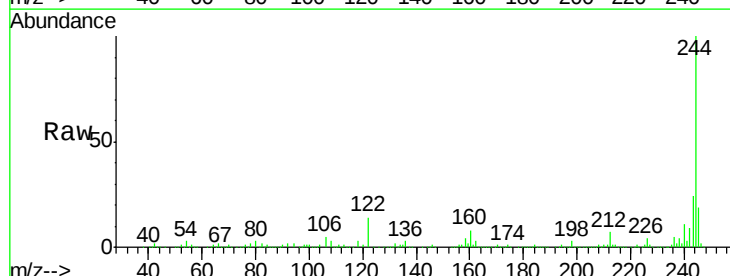
Manual Integrations
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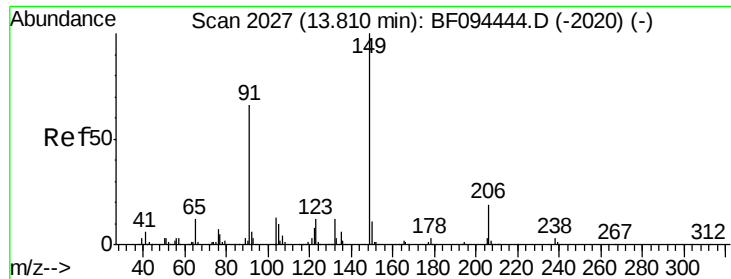
mohammad
5/1/2017 7:50:47 PM



#78
Terphenyl-d14
Concen: 92.88 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1100192		
212	7.5		6.0	9.0
122	14.2		10.3	15.5





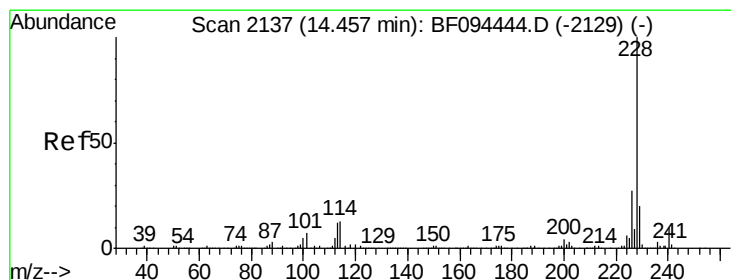
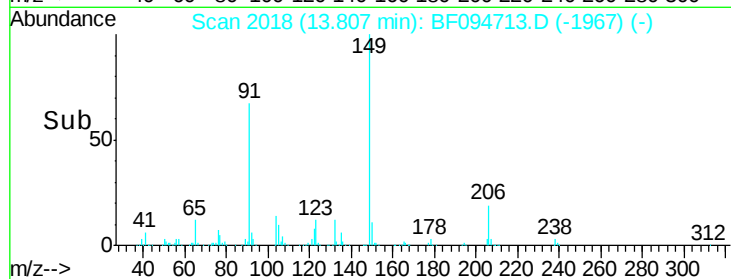
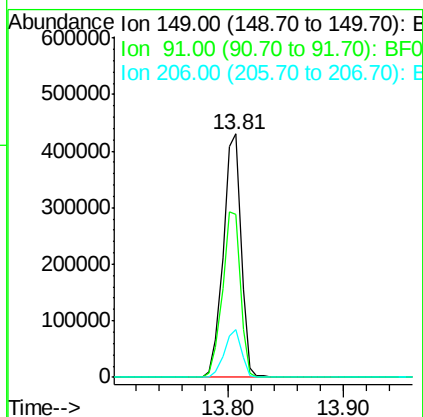
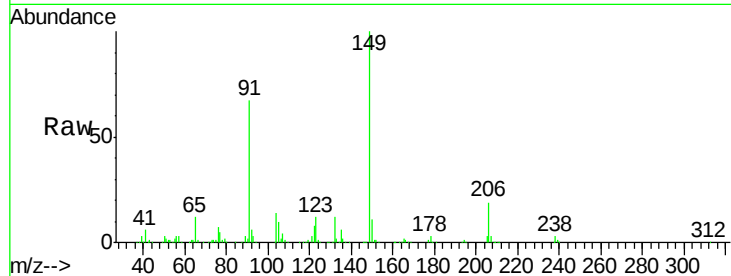
#79
Butylbenzylphthalate
Concen: 47.76 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.2	45.0	67.4
206	19.4	17.0	25.6

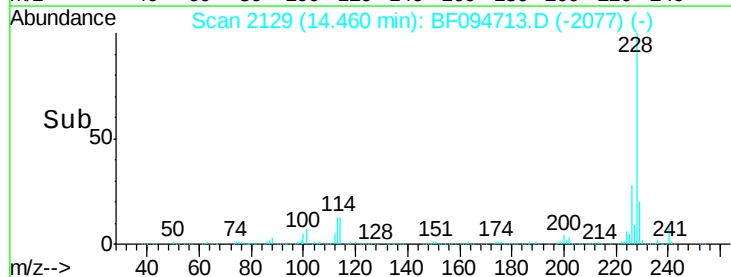
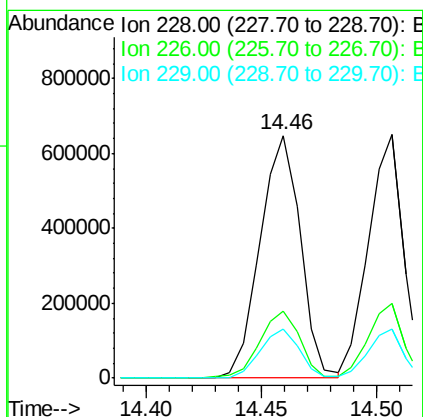
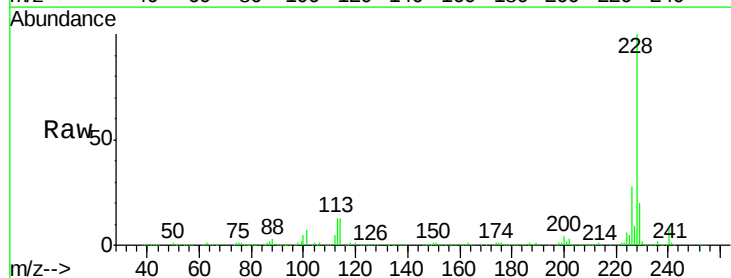
Manual Integrations
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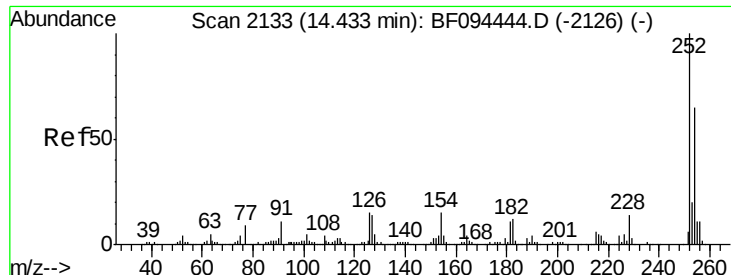
mohammad
5/1/2017 7:50:47 PM



#80
Benzo(a)anthracene
Concen: 42.81 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.1	16.3	24.5





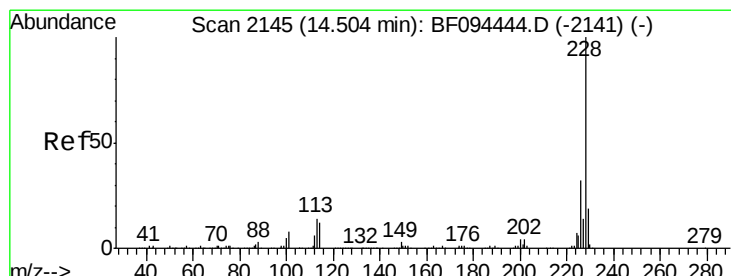
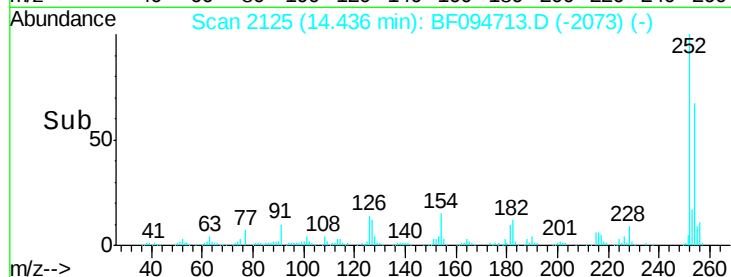
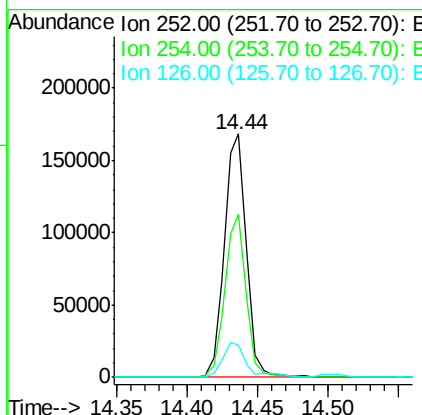
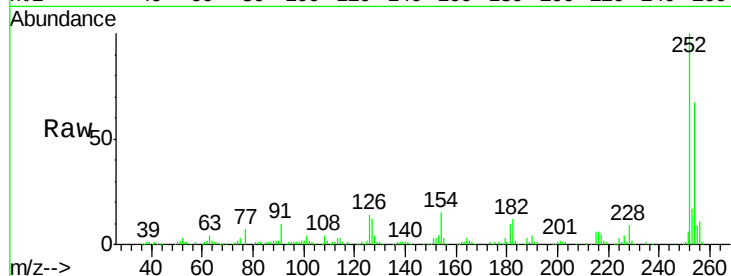
#81
 3,3'-Dichlorobenzidine
 Concen: 27.85 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	181418		
254	66.7	51.5	77.3	
126	13.5	15.8	23.8	

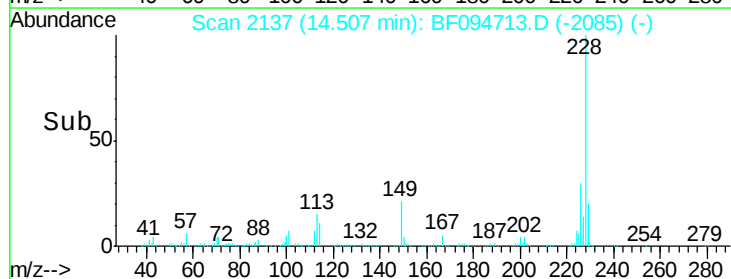
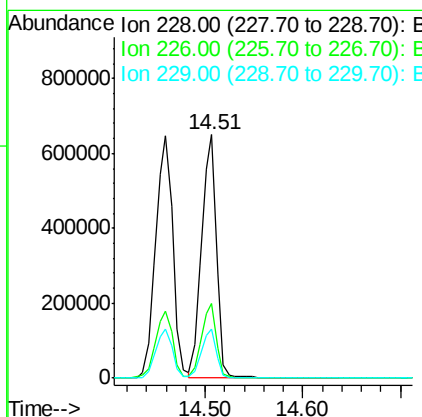
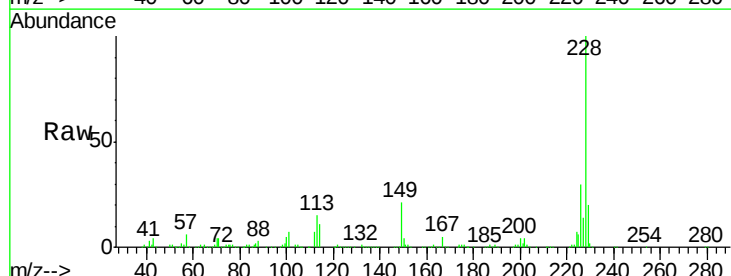
Manual Integrations
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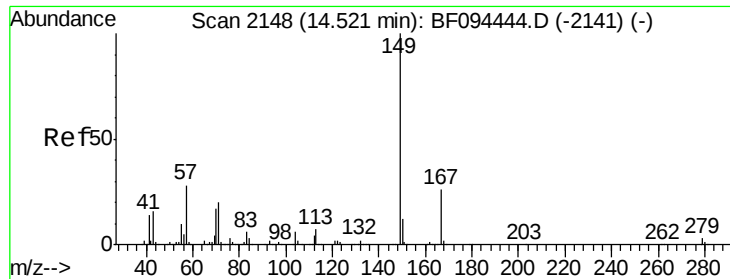
mohammad
 5/1/2017 7:50:47 PM



#82
 Chrysene
 Concen: 40.92 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	688186		
226	30.5	24.9	37.3	
229	20.2	15.8	23.6	





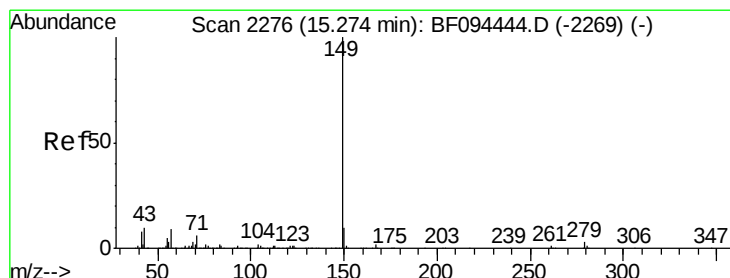
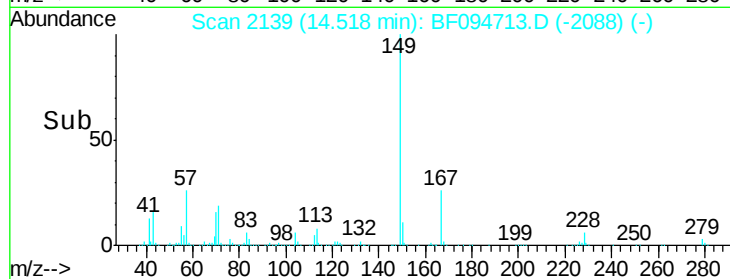
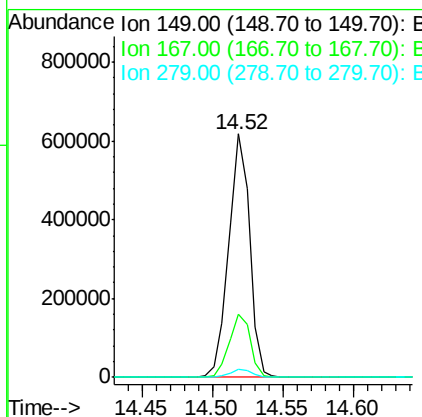
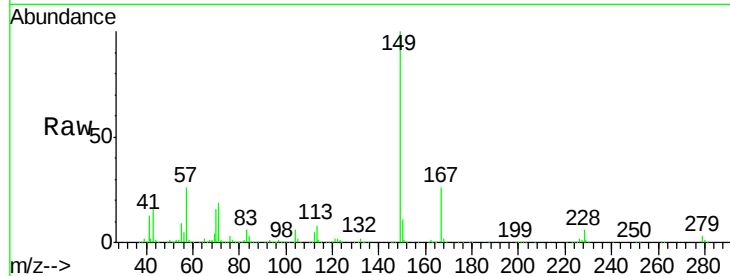
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.21 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.0	31.4
279	3.1	1.9	2.9

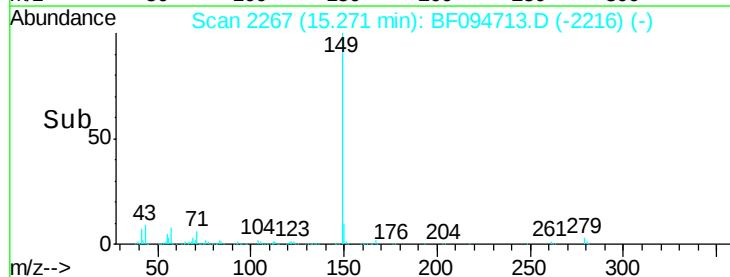
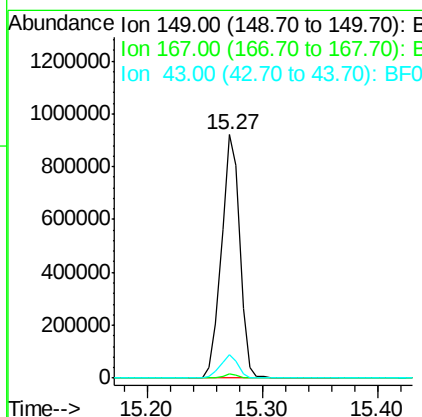
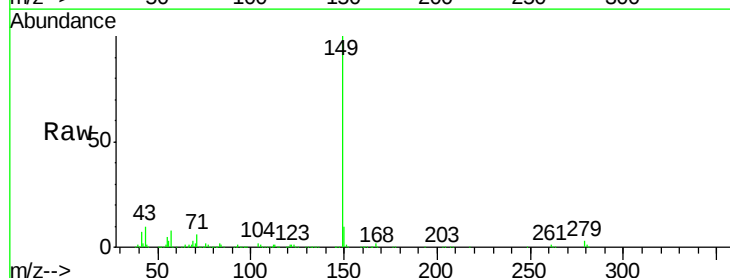
Manual Integrations
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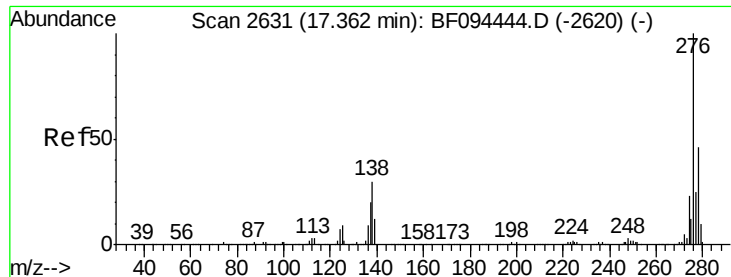
mohammad
 5/1/2017 7:50:47 PM



#84
 Di-n-octyl phthalate
 Concen: 46.42 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094713.D
 Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.0	8.5	12.7





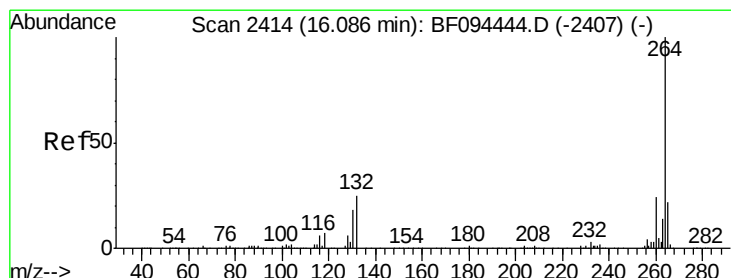
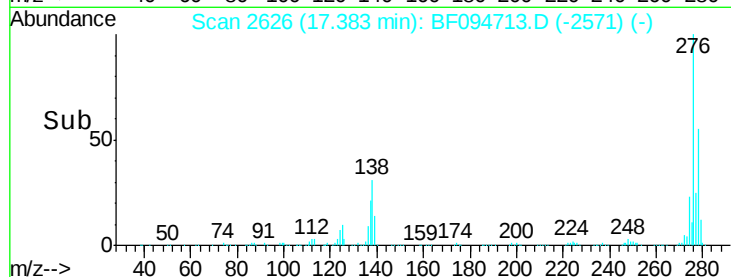
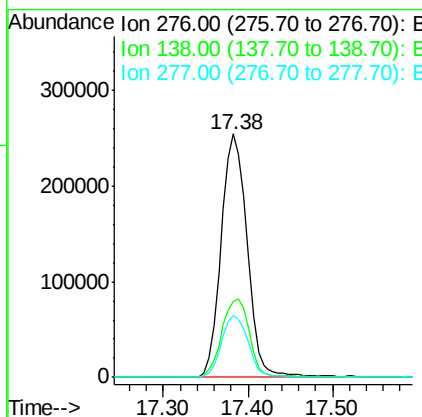
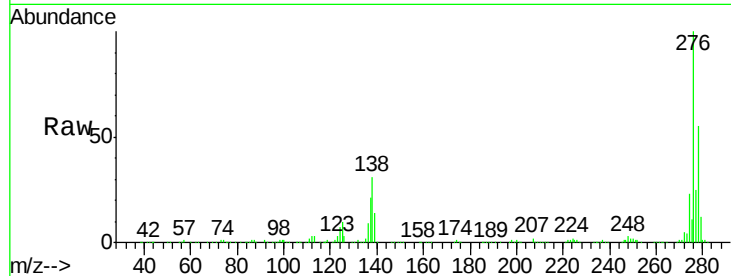
#85
Indeno(1,2,3-cd)pyrene
Concen: 34.09 ng
RT: 17.38 min Scan# 2626
Delta R.T. 0.02 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100		545562		
138	34.3	27.8	41.6		
277	25.9	20.2	30.4		

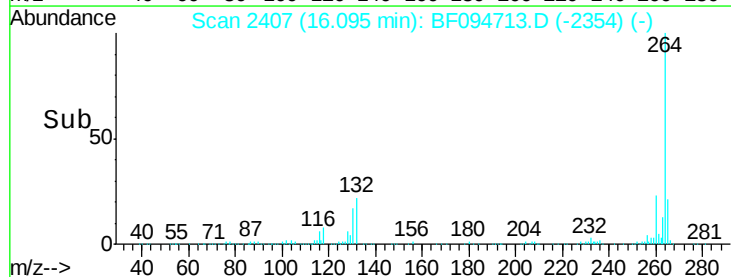
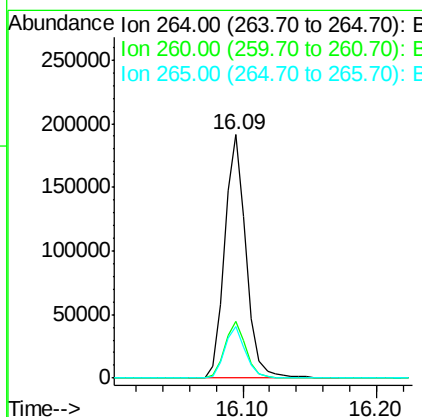
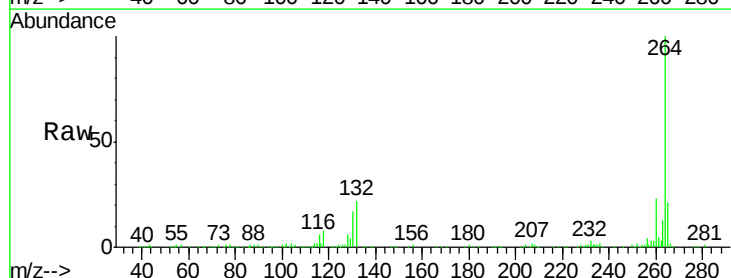
Manual Integrations
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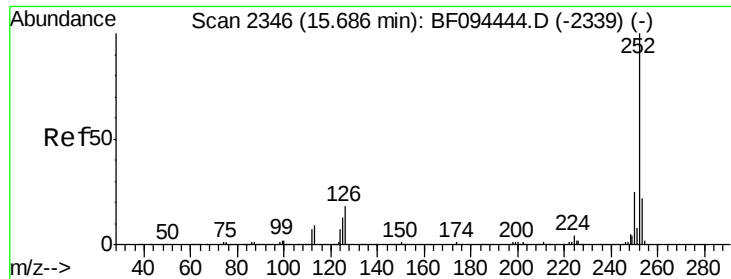
mohammad
5/1/2017 7:50:47 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		215319		
260	23.3	19.5	29.3		
265	21.1	17.2	25.8		





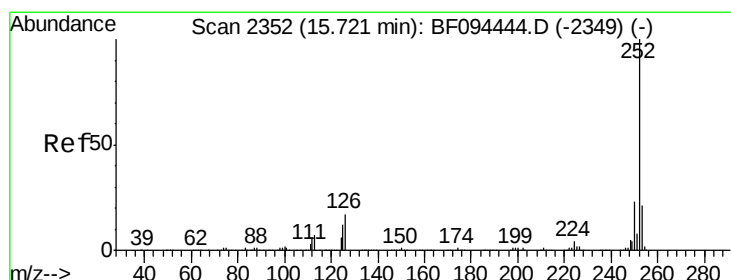
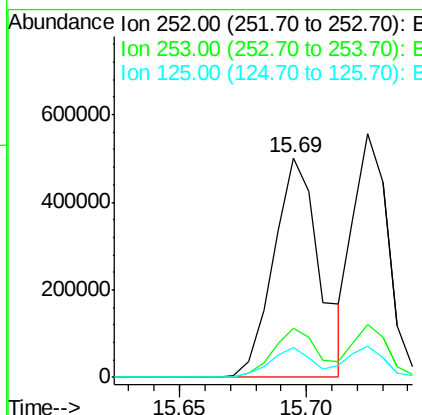
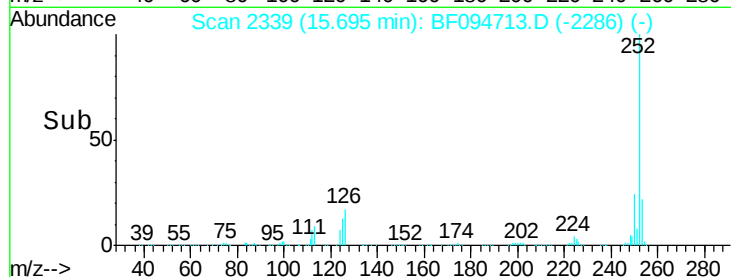
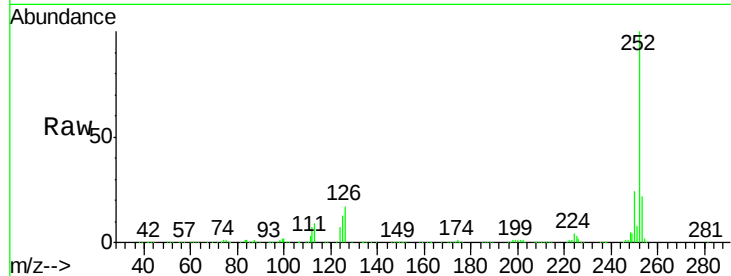
#87
Benzo(b)fluoranthene
Concen: 47.98 ng
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	13.4	9.8	14.8

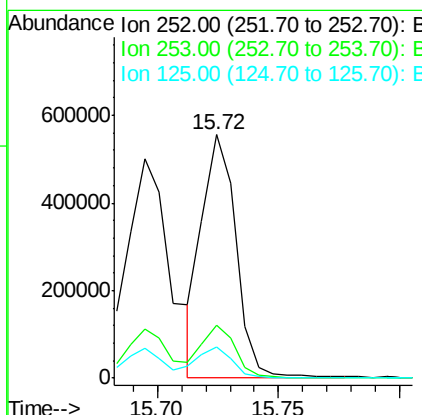
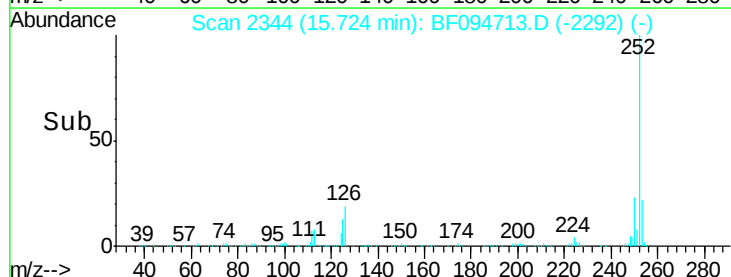
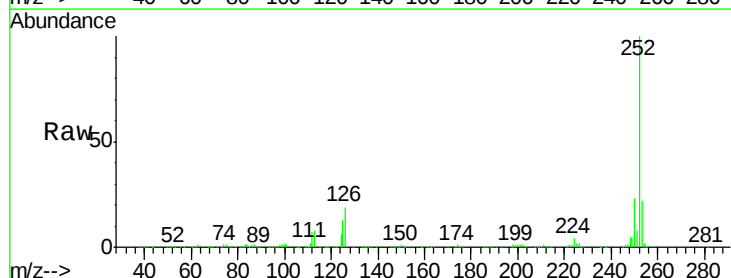
Manual Integrations
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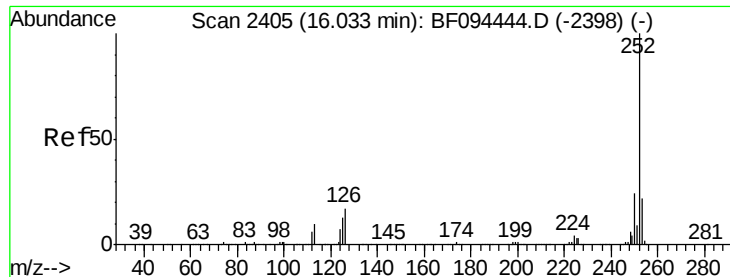
mohammad
5/1/2017 7:50:47 PM



#88
Benzo(k)fluoranthene
Concen: 43.57 ng m
RT: 15.72 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	13.0	13.1	19.7#





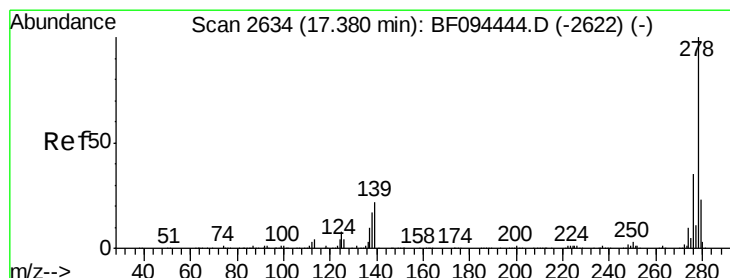
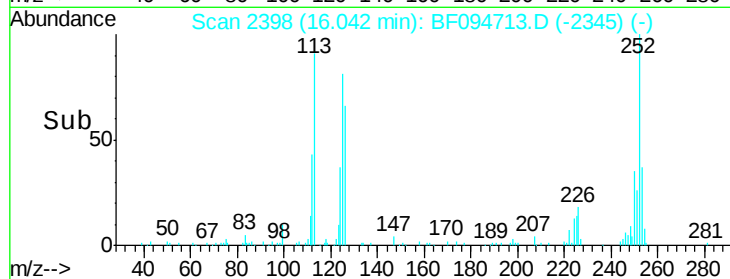
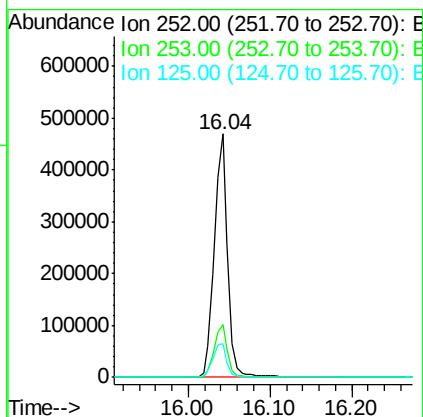
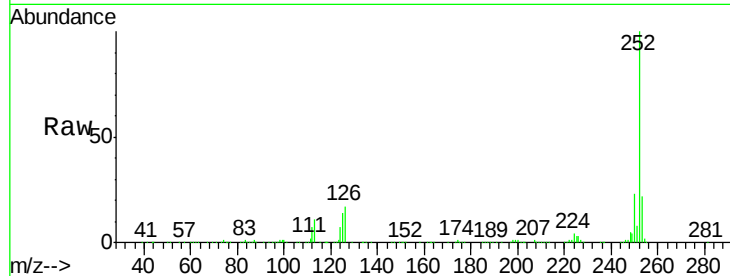
#89
Benzo(a)pyrene
Concen: 43.32 ng
RT: 16.04 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

Instrument :
BNA_F
ClientSampleId :
PB98552BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	13.8	11.0	16.4

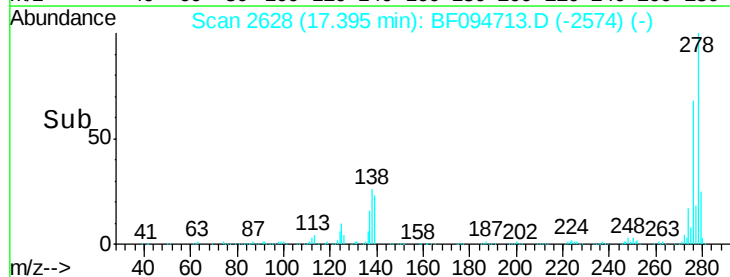
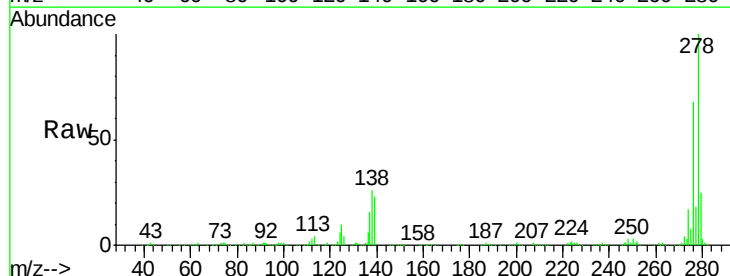
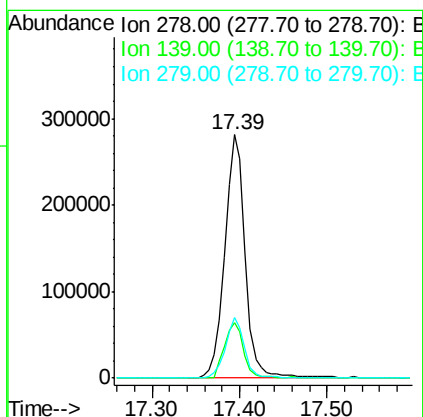
Manual Integrations
APPROVED

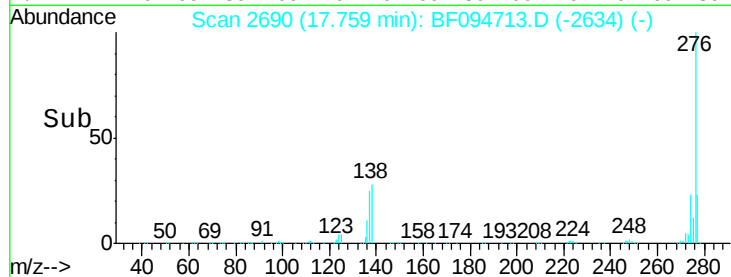
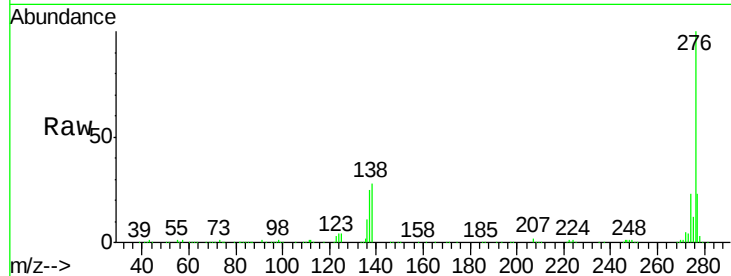
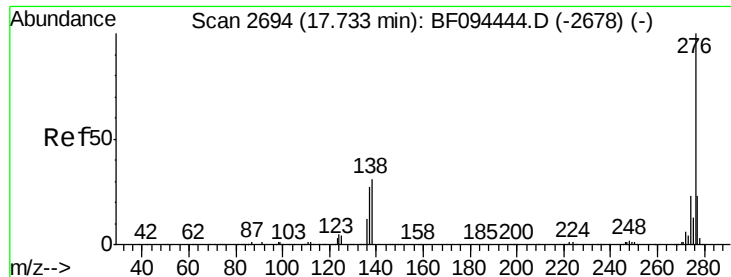
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 44.62 ng
RT: 17.39 min Scan# 2628
Delta R.T. 0.01 min
Lab File: BF094713.D
Acq: 30 Apr 2017 14:37

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





#91

Benzo(a,h,i)perylene

Concen: 43.85 ng

RT: 17.76 min Scan# 2690

Delta R.T. 0.03 min

Lab File: BF094713.D

Acq: 30 Apr 2017 14:37

Tot Ion:	276	Resp:	454281
Ion Ratio	Lower	Upper	
276	100		
277	23.1	18.6	28.0
138	28.2	25.4	38.0

Instrument :

BNA_F

ClientSampleId :

PB98552BS

Manual Integrations
APPROVED

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