

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094714.D
 Acq On : 30 Apr 2017 15:04
 Operator : SJ/MA
 Sample : PB98552BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Manual Integrations
 APPROVED

mohammad
 5/1/2017 7:50:49 PM

Quant Time: May 01 16:27:27 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	115692	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	472116	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	227784	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	408372	20.00	ng	0.00
75) Chrysene-d12	14.47	240	322934	20.00	ng	0.00
86) Perylene-d12	16.09	264	224094	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	592329	84.94	ng	0.03
7) Phenol-d6	5.40	99	701104	85.28	ng	0.00
23) Nitrobenzene-d5	6.42	82	635498	83.12	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	165697	93.00	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1250393	80.77	ng	0.00
78) Terphenyl-d14	13.19	244	1153672	95.49	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.16	88	95792	23.62	ng	98
3) Pyridine	2.65	79	295314	33.32	ng	97
4) n-Nitrosodimethylamine	2.62	42	128714	35.10	ng	87
6) Aniline	5.40	93	314615	28.80	ng	# 77
8) 2-Chlorophenol	5.54	128	323010	40.71	ng	95
9) Benzaldehyde	5.27	77	61757	9.88	ng	97
10) Phenol	5.41	94	394990	39.11	ng	93
11) bis(2-Chloroethyl)ether	5.48	93	287148	38.92	ng	95
12) 1,3-Dichlorobenzene	5.70	146	331809	37.74	ng	99
13) 1,4-Dichlorobenzene	5.79	146	337381	38.14	ng	99
14) 1,2-Dichlorobenzene	5.96	146	316560	38.85	ng	96
15) Benzyl Alcohol	5.95	79	250286	41.04	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.10	45	373117	38.57	ng	# 35
17) 2-Methylphenol	6.09	107	256712	41.08	ng	93
18) Hexachloroethane	6.35	117	115692	38.16	ng	88
19) n-Nitroso-di-n-propylamine	6.26	70	225001	41.31	ng	95
20) 3+4-Methylphenols	6.27	107	359886	42.38	ng	# 61
22) Acetophenone	6.24	105	447513	38.98	ng	# 85
24) Nitrobenzene	6.44	77	315149	39.14	ng	93
25) Isophorone	6.73	82	580845	40.98	ng	95
26) 2-Nitrophenol	6.81	139	180722	41.78	ng	95
27) 2,4-Dimethylphenol	6.89	122	292024	41.56	ng	97
28) bis(2-Chloroethoxy)methane	6.99	93	368477	40.19	ng	99
29) 2,4-Dichlorophenol	7.11	162	284040	43.46	ng	96
30) 1,2,4-Trichlorobenzene	7.20	180	268354	39.71	ng	97
31) Naphthalene	7.29	128	899500	39.63	ng	99
32) Benzoic acid	7.06	122	90143	24.26	ng	95
33) 4-Chloroaniline	7.37	127	89949	9.53	ng	# 94
34) Hexachlorobutadiene	7.44	225	135399	40.19	ng	99
35) Caprolactam	7.83	113	98878m	48.15	ng	
36) 4-Chloro-3-methylphenol	8.00	107	302859	44.21	ng	90
37) 2-Methylnaphthalene	8.12	142	641589	41.32	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	252361	38.91	ng	99
40) Hexachlorocyclopentadiene	8.32	237	205905	78.47	ng	99

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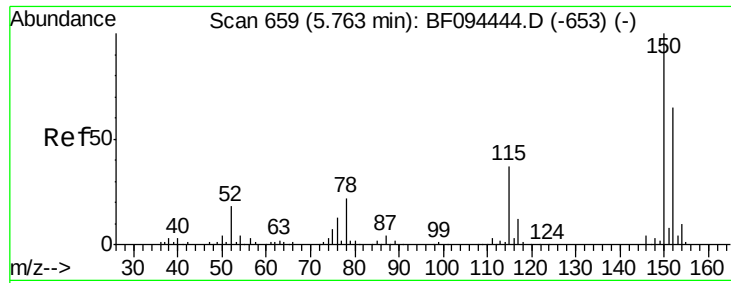
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	190669	41.86	nq	96
43) 2,4,5-Trichlorophenol	8.55	196	199554	42.66	nq	96
45) 1,1'-Biphenyl	8.70	154	746802	40.13	nq	98
46) 2-Chloronaphthalene	8.72	162	590813	39.92	nq	95
47) 2-Nitroaniline	8.86	65	173220	40.69	nq	89
48) Acenaphthylene	9.22	152	941402	40.81	nq	99
49) Dimethylphthalate	9.10	163	740022	43.59	nq	99
50) 2,6-Dinitrotoluene	9.17	165	163456	42.90	nq	# 90
51) Acenaphthene	9.44	154	561789	40.66	nq	99
52) 3-Nitroaniline	9.37	138	84938	19.27	nq	93
53) 2,4-Dinitrophenol	9.52	184	82155	42.63	nq	# 67
54) Dibenzofuran	9.65	168	839866	41.82	nq	98
55) 4-Nitrophenol	9.64	139	136738m	43.91	nq	
56) 2,4-Dinitrotoluene	9.67	165	218576	46.75	nq	94
57) Fluorene	10.07	166	643394	41.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	150082	44.76	nq	# 94
59) Diethylphthalate	9.97	149	703869	43.95	nq	98
60) 4-Chlorophenyl-phenylether	10.08	204	282814	43.46	nq	92
61) 4-Nitroaniline	10.13	138	163970	36.59	nq	96
62) Azobenzene	10.28	77	667536	42.92	nq	92
64) 4,6-Dinitro-2-methylphenol	10.17	198	79189	29.60	nq	# 70
65) n-Nitrosodiphenylamine	10.23	169	602039	42.39	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	173428	42.77	nq	96
67) Hexachlorobenzene	10.75	284	177496	43.43	nq	# 93
68) Atrazine	10.91	200	161583	38.03	nq	96
69) Pentachlorophenol	11.01	266	128231	79.03	nq	99
70) Phenanthrene	11.25	178	964923	41.96	nq	99
71) Anthracene	11.31	178	1000471	42.06	nq	99
72) Carbazole	11.52	167	923356	41.36	nq	98
73) Di-n-butylphthalate	11.97	149	1144161	46.54	nq	98
74) Fluoranthene	12.71	202	1007222	42.26	nq	99
76) Benzidine	12.88	184	299653	22.92	nq	# 93
77) Pyrene	12.99	202	1021046	45.26	nq	98
79) Butylbenzylphthalate	13.81	149	483318	48.88	nq	90
80) Benzo(a)anthracene	14.46	228	797186	42.47	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	192169	28.92	nq	# 96
82) Chrysene	14.51	228	713262	41.58	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	660305	49.74	nq	# 99
84) Di-n-octyl phthalate	15.27	149	1044707	46.91	nq	96
85) Indeno(1,2,3-cd)pyrene	17.39	276	567253	34.75	nq	100
87) Benzo(b)fluoranthene	15.69	252	632955	46.17	nq	97
88) Benzo(k)fluoranthene	15.72	252	569473m	43.90	nq	
89) Benzo(a)pyrene	16.04	252	541713	42.48	nq	99
90) Dibenzo(a,h)anthracene	17.39	278	475717	44.92	nq	97
91) Benzo(g,h,i)perylene	17.76	276	478345	44.37	nq	98

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



#1

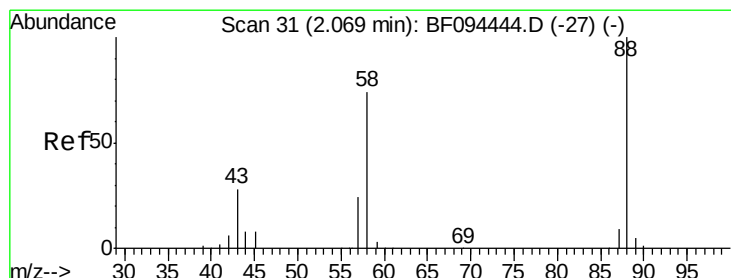
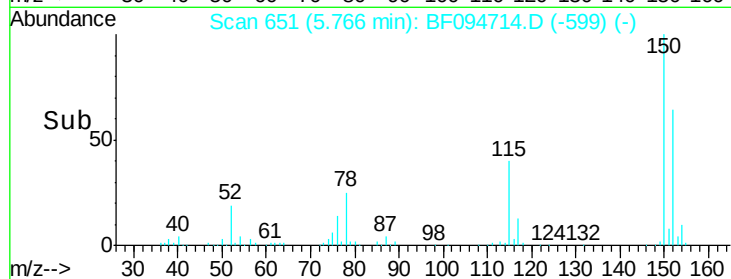
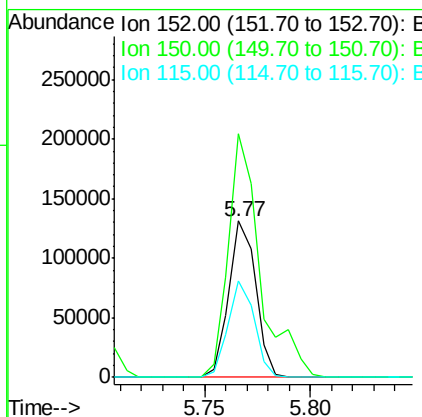
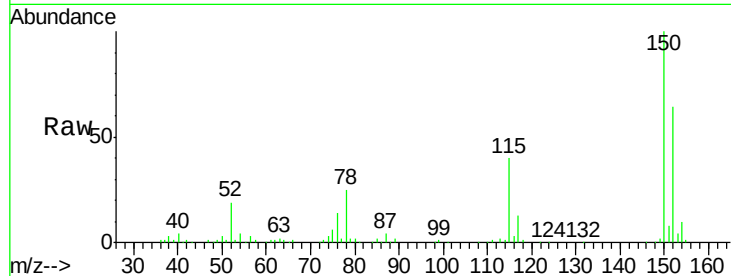
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	62.0	52.2	78.2

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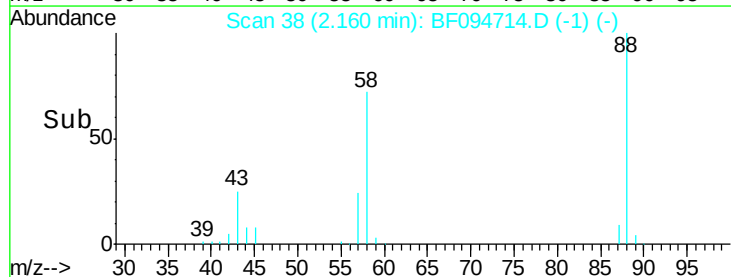
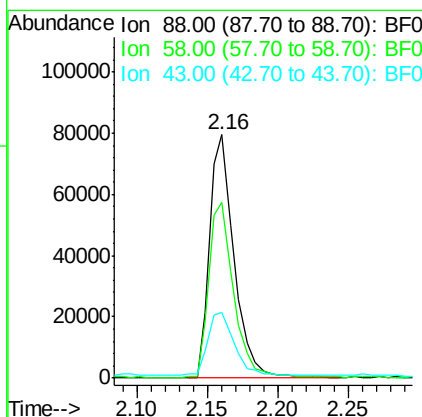
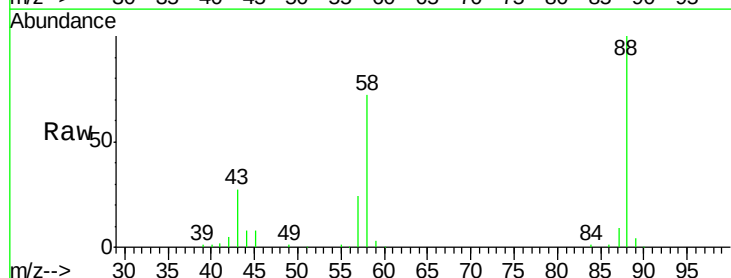
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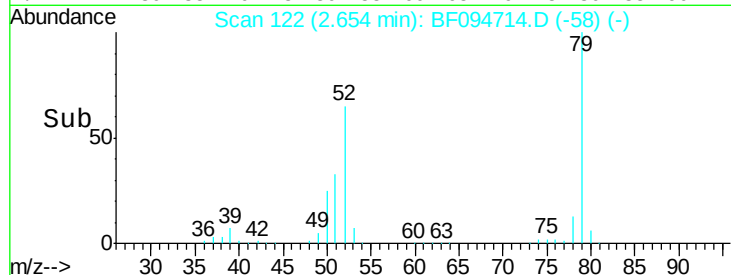
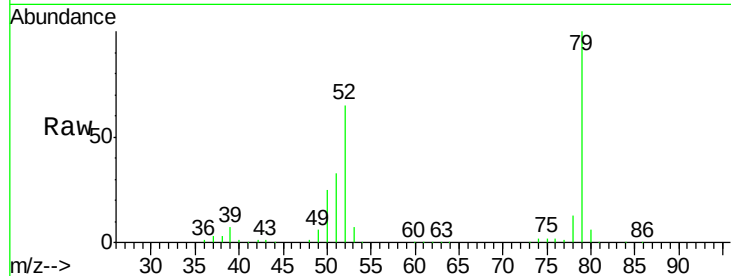
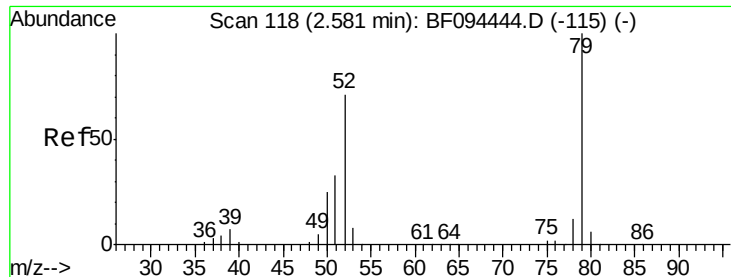


#2

1,4-Dioxane
Concen: 23.62 ng
RT: 2.16 min Scan# 38
Delta R.T. 0.09 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.7	61.4	92.0
43	28.1	23.4	35.0





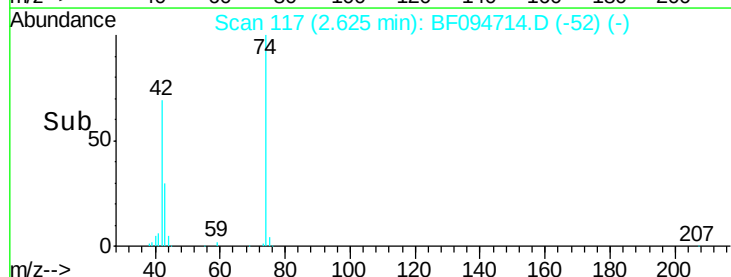
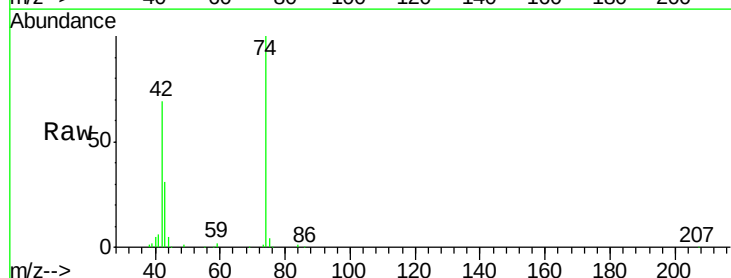
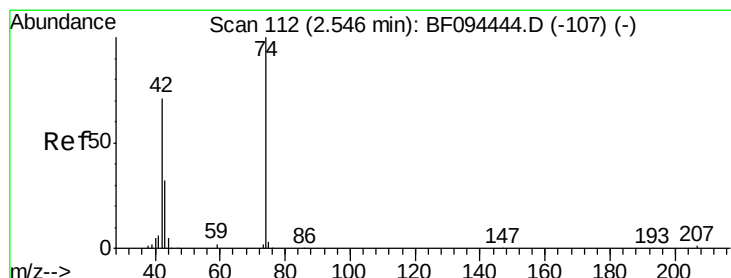
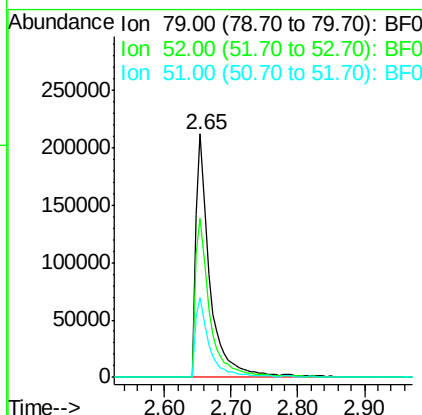
#3
 Pvridine
 Concen: 33.32 ng
 RT: 2.65 min Scan# 122
 Delta R.T. 0.07 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tot Ion:	79	Resp:	295314
Ion Ratio	Lower	Upper	
79	100		
52	65.2	54.8	82.2
51	32.8	27.0	40.4

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

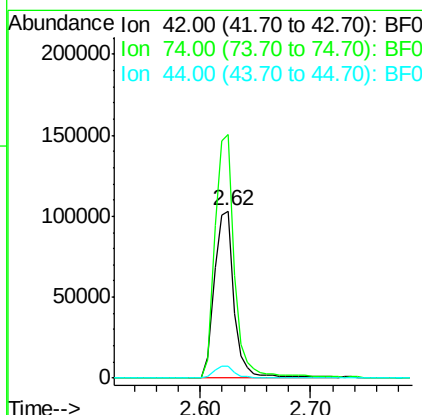
Manual Integrations
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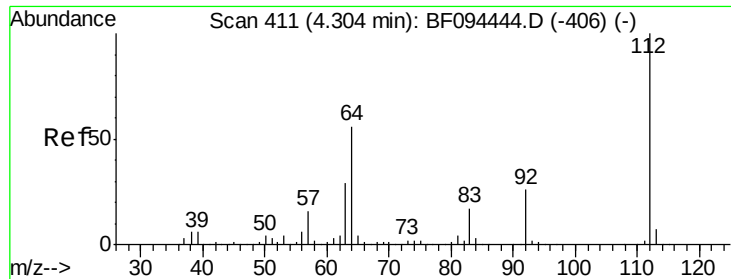
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#4
 n-Nitrosodimethylamine
 Concen: 35.10 ng
 RT: 2.62 min Scan# 117
 Delta R.T. 0.08 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:	42	Resp:	128714
Ion Ratio	Lower	Upper	
42	100		
74	145.5	103.9	155.9
44	6.8	5.7	8.5





#5

2-Fluorophenol

Concen: 84.94 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

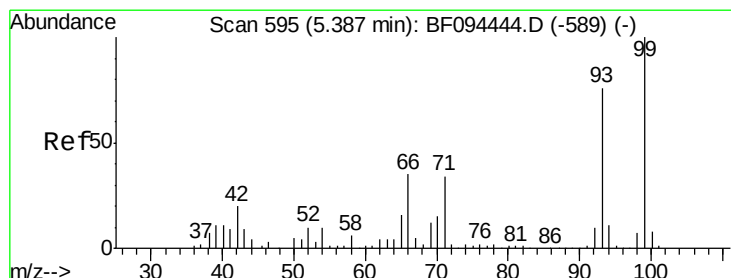
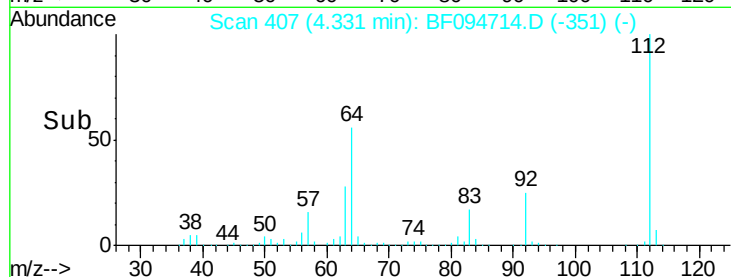
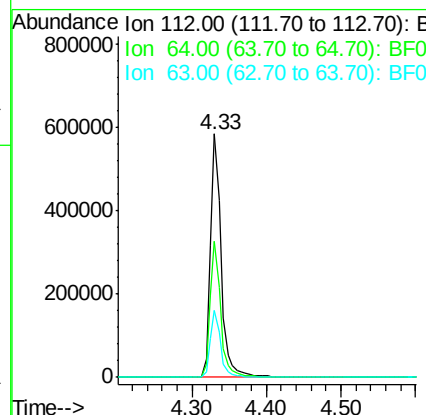
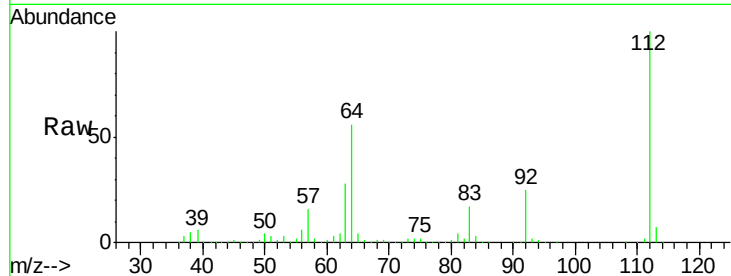
ClientSampleId :

PB98552BSD

Tot Ion:	112	Resp:	592329
Ion Ratio	Lower	Upper	
112	100		
64	55.7	46.0	69.0
63	27.6	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 28.80 ng

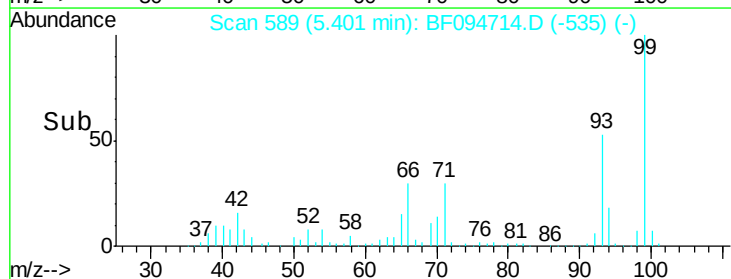
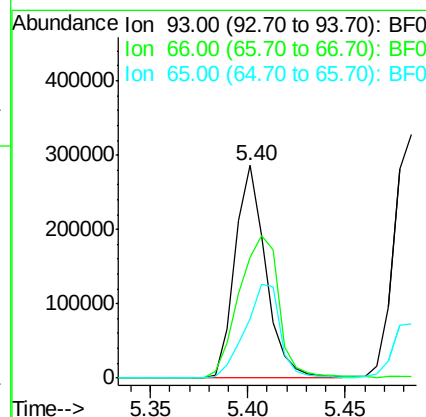
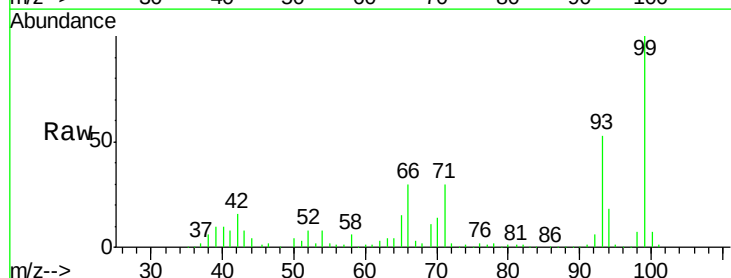
RT: 5.40 min Scan# 589

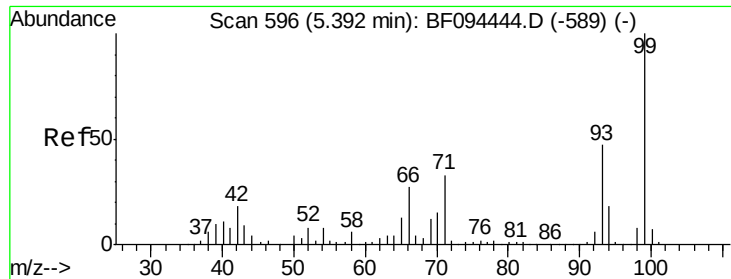
Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Tgt Ion:	93	Resp:	314615
Ion Ratio	Lower	Upper	
93	100		
66	56.7	32.9	49.3#
65	28.1	16.0	24.0#





#7

Phenol-d6

Concen: 85.28 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

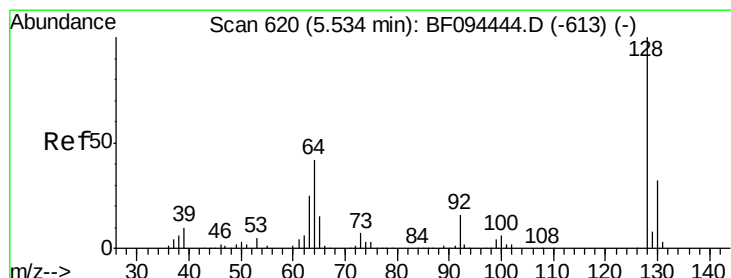
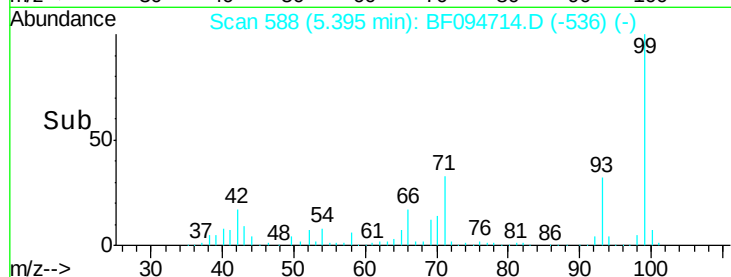
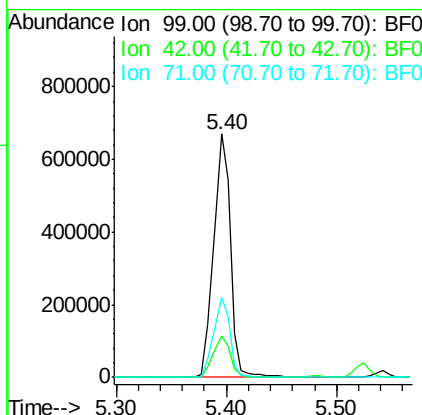
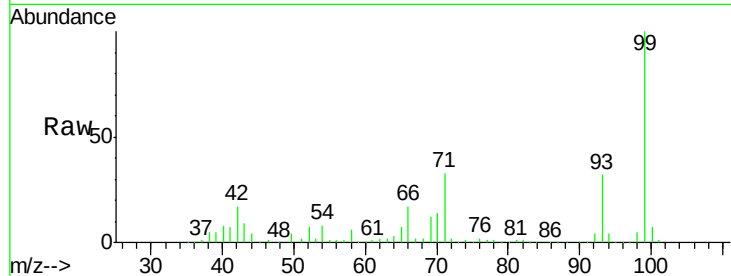
ClientSampleId :

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Tot Ion:	99	Resp:	701104
Ion Ratio	Lower	Upper	
99	100		
42	17.1	13.5	20.3
71	32.8	24.5	36.7

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#8

2-Chlorophenol

Concen: 40.71 ng

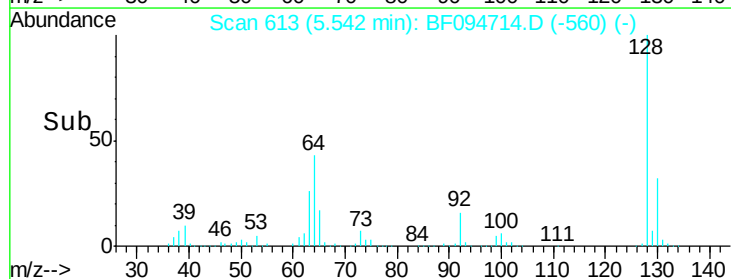
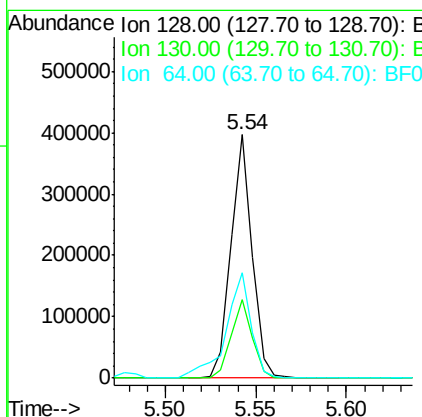
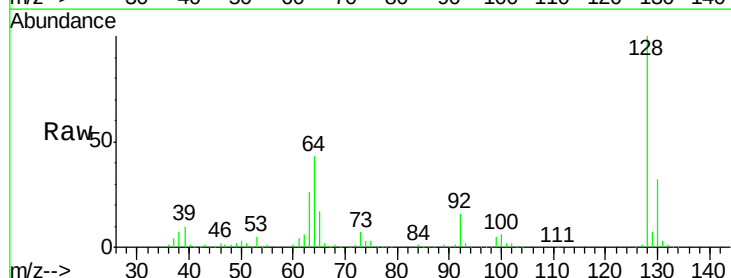
RT: 5.54 min Scan# 613

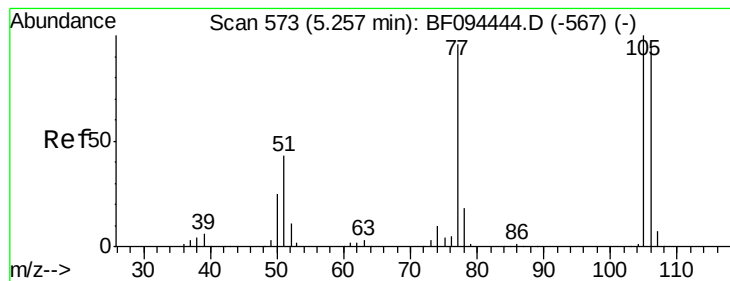
Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Tgt Ion:	128	Resp:	323010
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	43.2	28.4	68.4





#9

Benzaldehyde

Concen: 9.88 ng

RT: 5.27 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

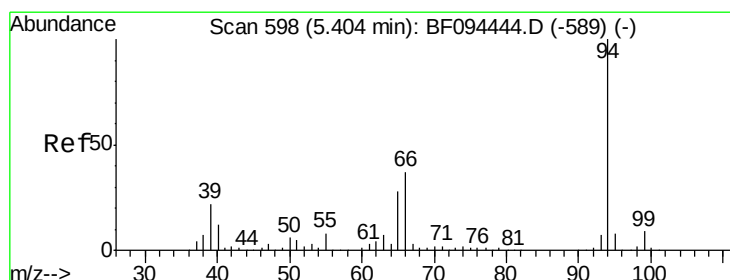
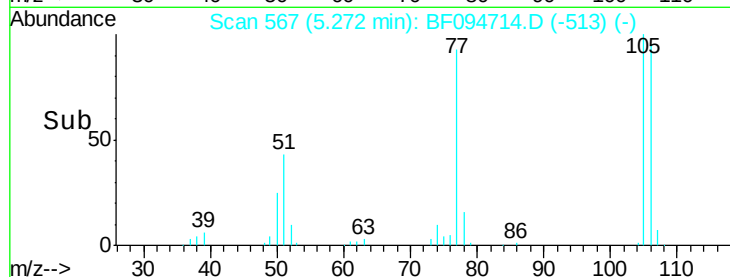
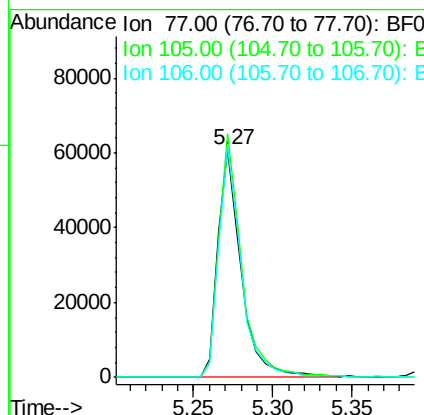
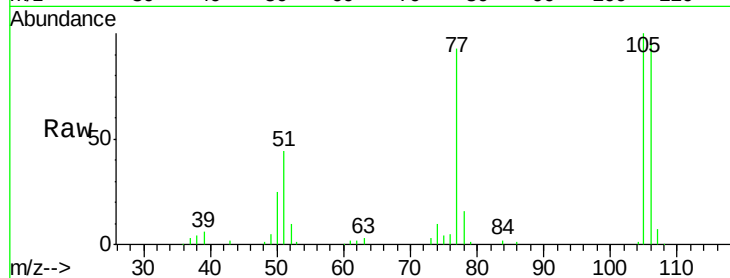
ClientSampleId :

PB98552BSD

Tot Ion:	77	Resp:	61757
Ion	Ratio	Lower	Upper
77	100		
105	107.1	83.8	123.8
106	101.4	79.1	119.1

Manual Integrations
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#10

Phenol

Concen: 39.11 ng

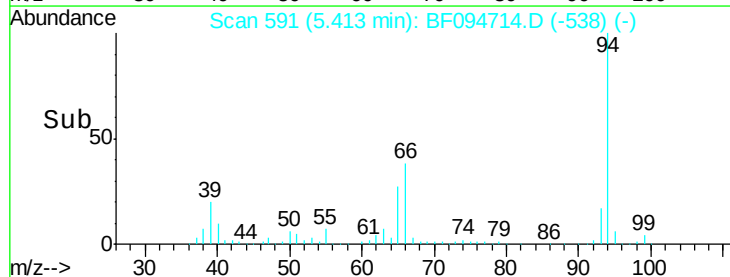
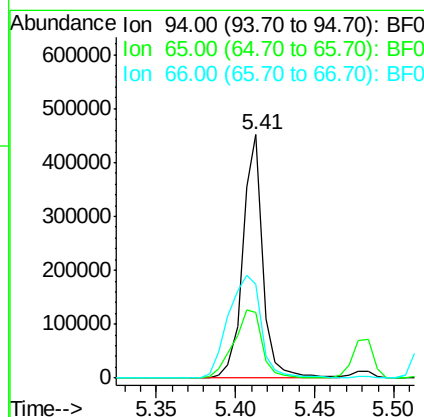
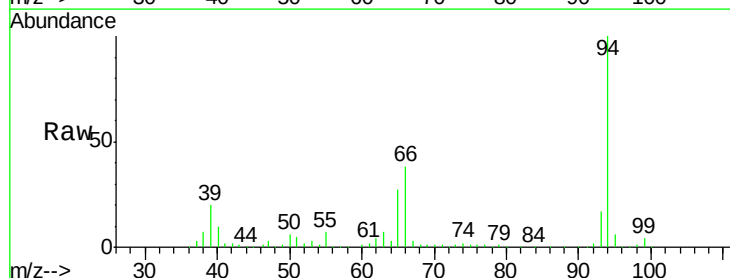
RT: 5.41 min Scan# 591

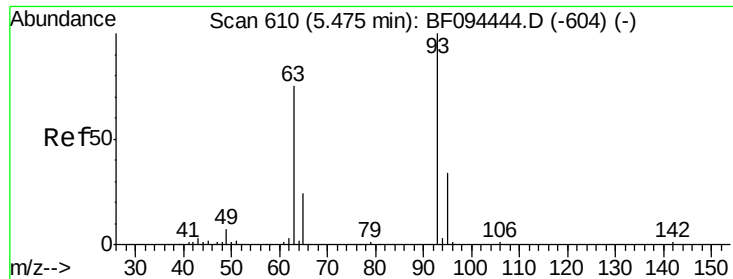
Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Tgt Ion:	94	Resp:	394990
Ion	Ratio	Lower	Upper
94	100		
65	27.0	9.9	49.9
66	38.4	23.1	63.1





#11

bis(2-Chloroethyl)ether

Concen: 38.92 ng

RT: 5.48 min Scan# 603

Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

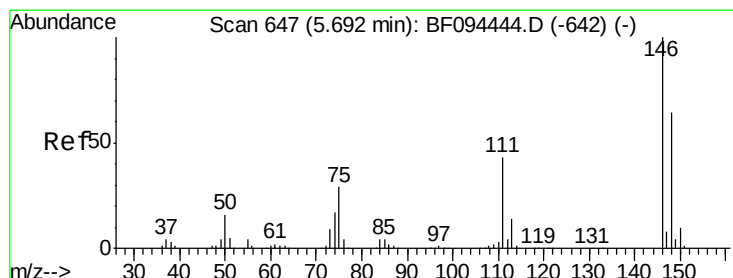
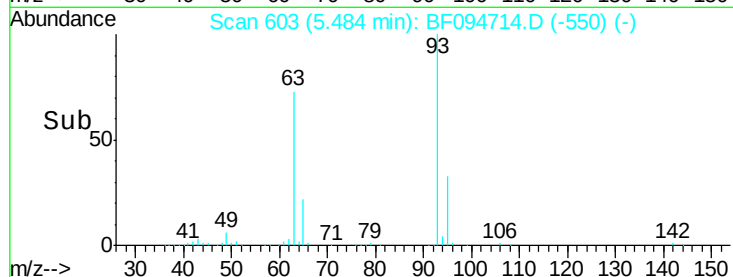
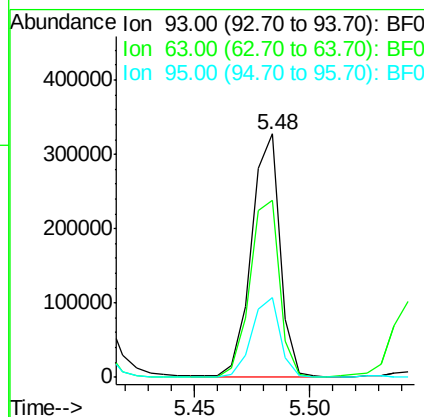
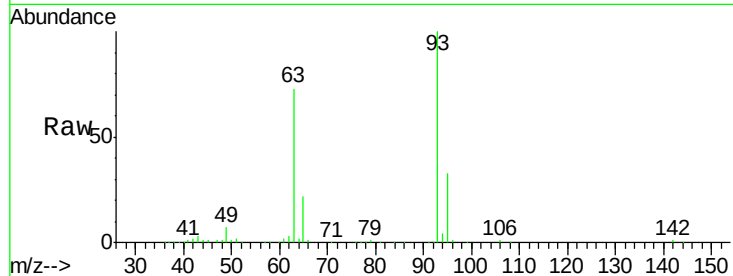
ClientSampleId :

PB98552BSD

Tot Ion:	93	Resp:	287148
Ion Ratio	Lower	Upper	
93	100		
63	72.9	59.2	99.2
95	32.7	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 37.74 ng

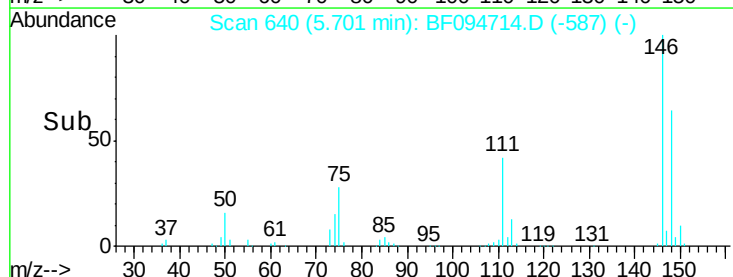
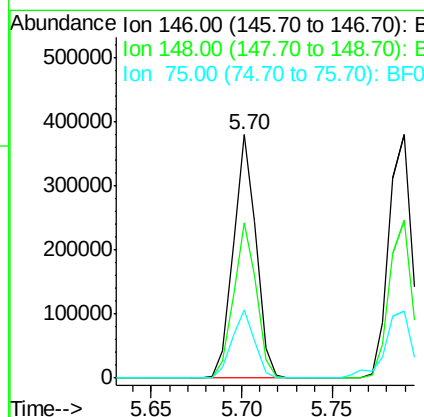
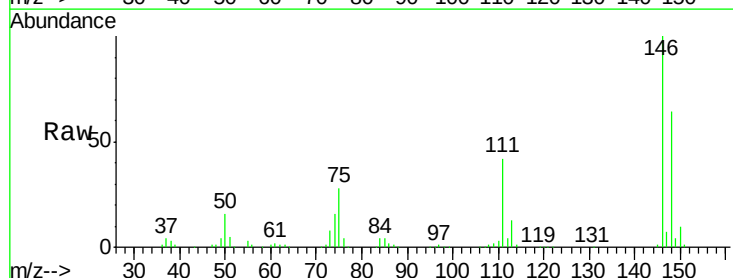
RT: 5.70 min Scan# 640

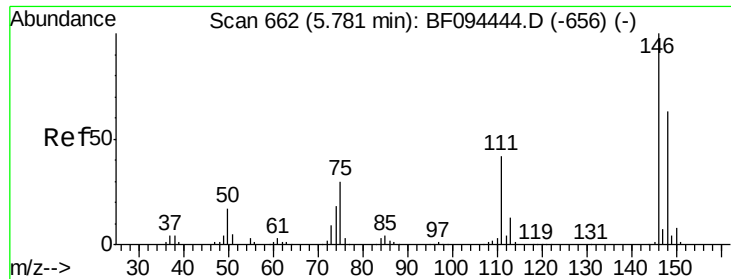
Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Tgt Ion:	146	Resp:	331809
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.8	77.6
75	28.3	23.1	34.7





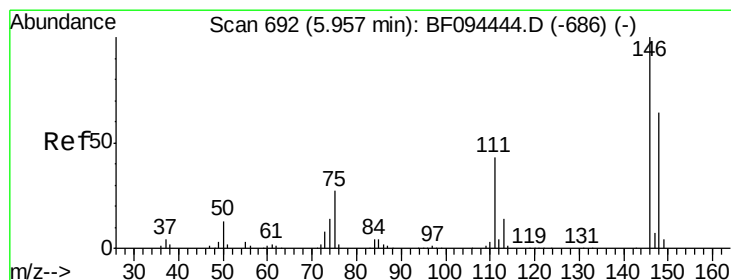
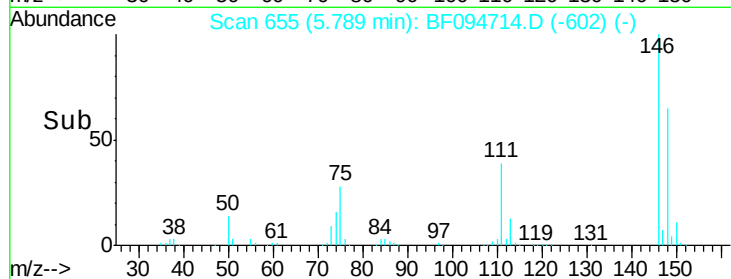
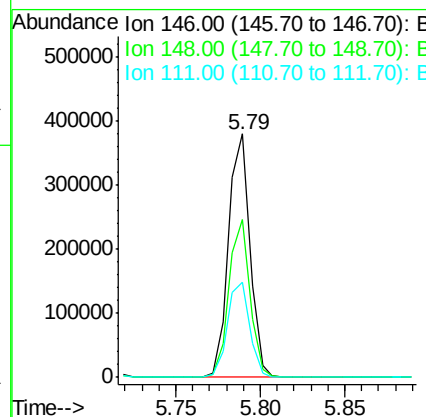
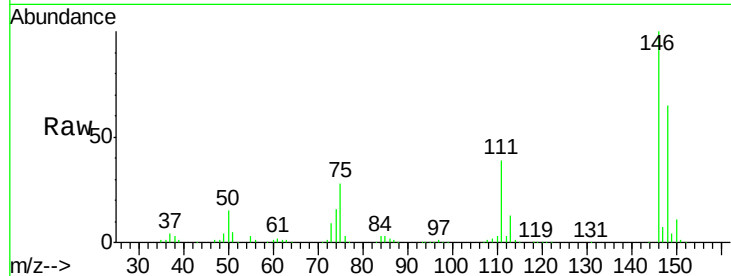
#13
 1,4-Dichlorobenzene
 Concen: 38.14 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	39.1	30.3	45.5

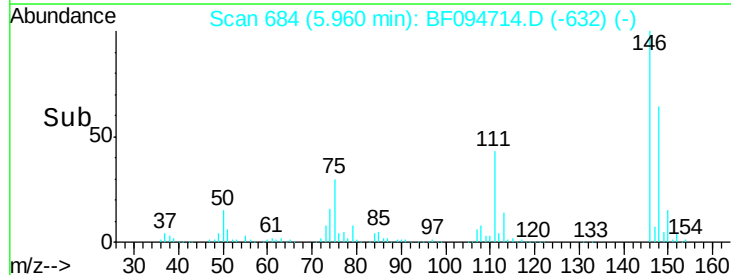
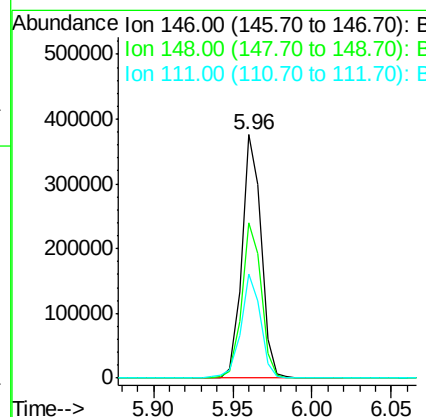
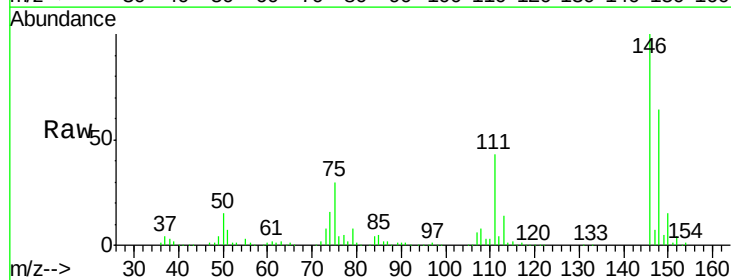
Manual Integrations
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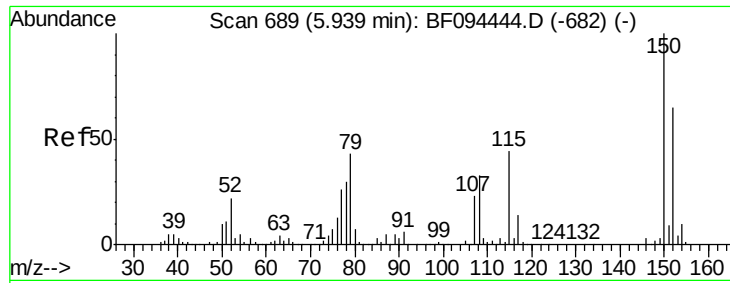
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#14
 1,2-Dichlorobenzene
 Concen: 38.85 ng
 RT: 5.96 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.4	75.6
111	42.9	38.2	57.4





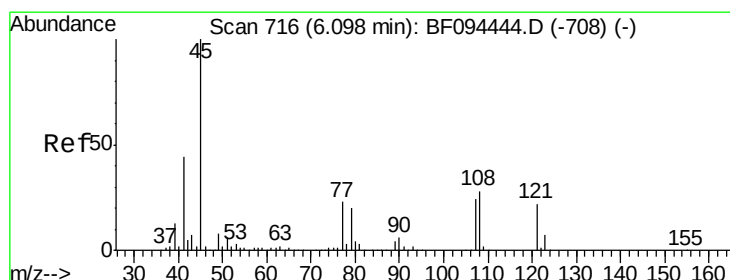
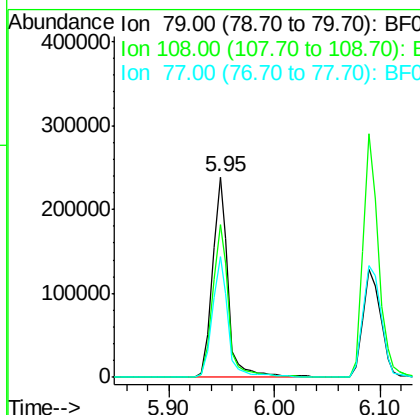
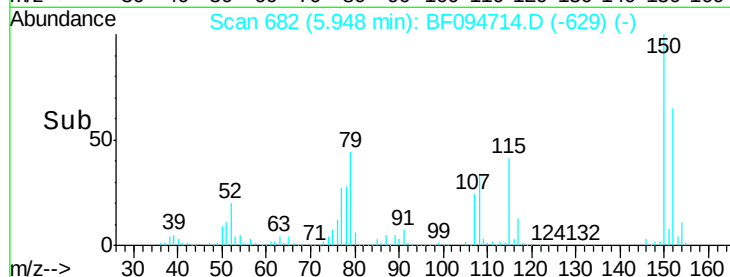
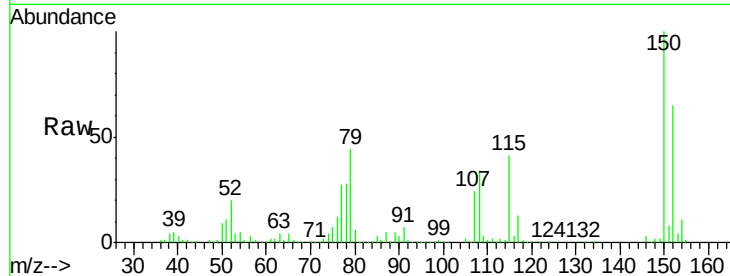
#15
Benzyl Alcohol
Concen: 41.04 ng
RT: 5.95 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	76.1	63.4	95.0	
77	60.0	49.2	73.8	

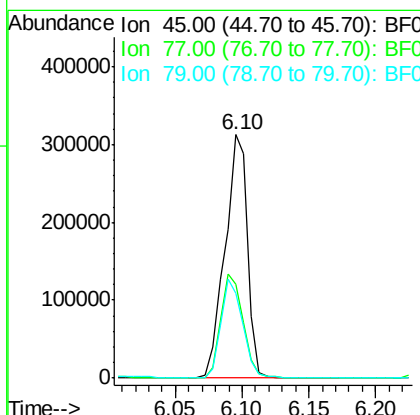
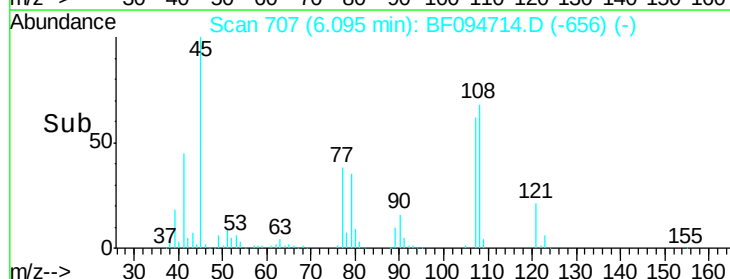
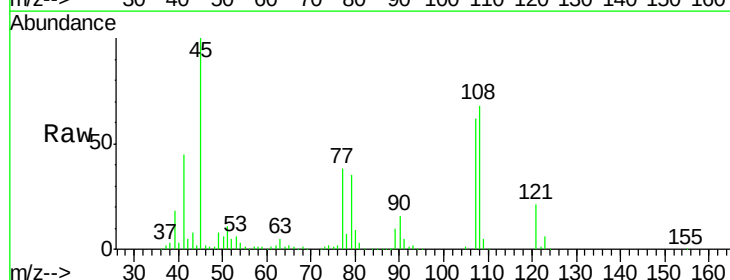
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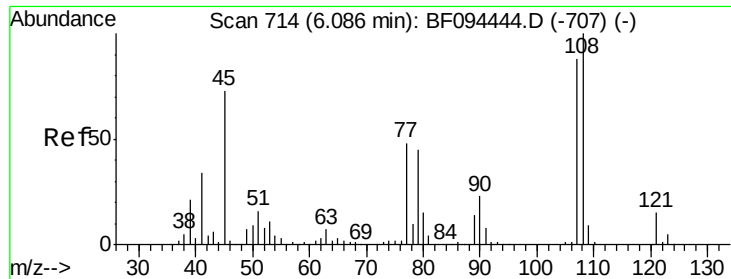
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.57 ng
RT: 6.10 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	38.5	0.0	33.2#	
79	34.6	0.0	30.0#	





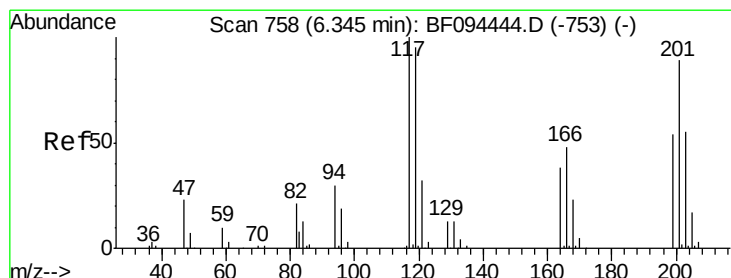
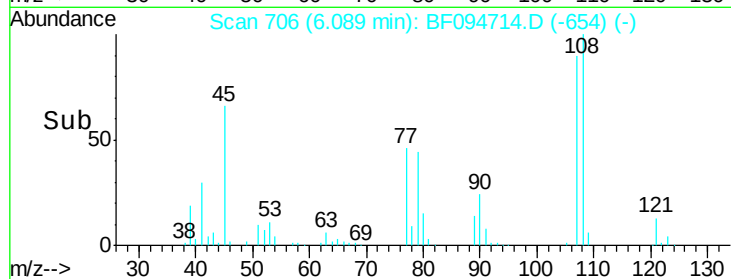
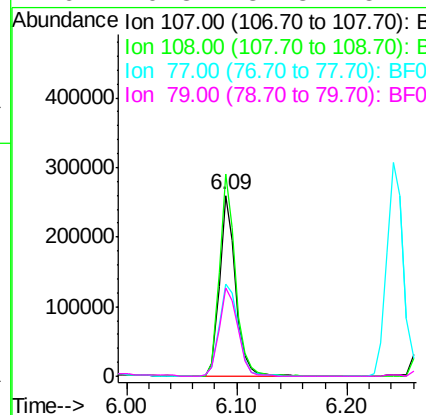
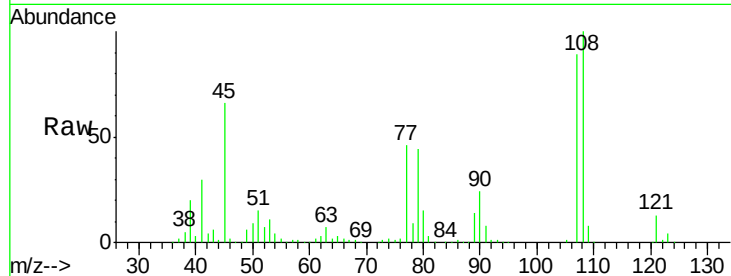
#17
2-Methylphenol
Concen: 41.08 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	256712		
108	108	111.8		93.4	140.0
77	77	51.3		35.8	53.6
79	79	49.3		34.8	52.2

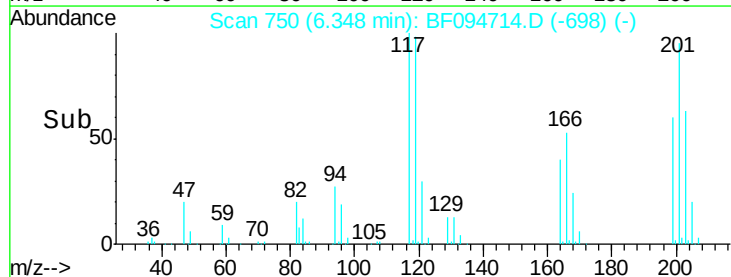
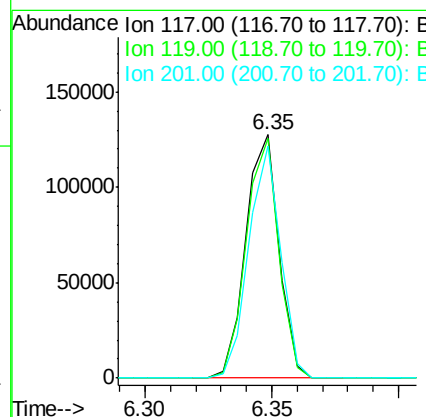
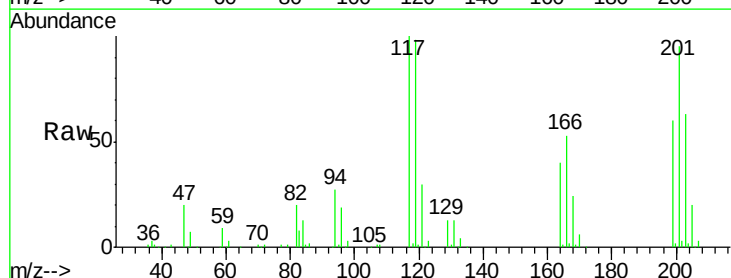
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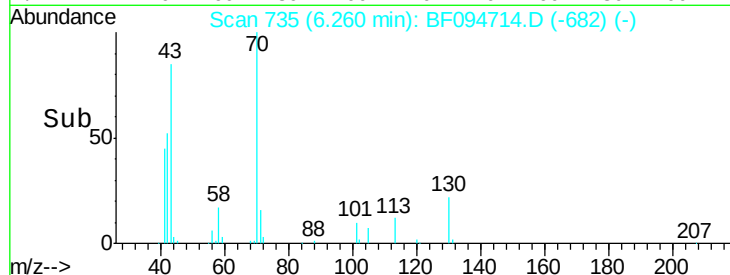
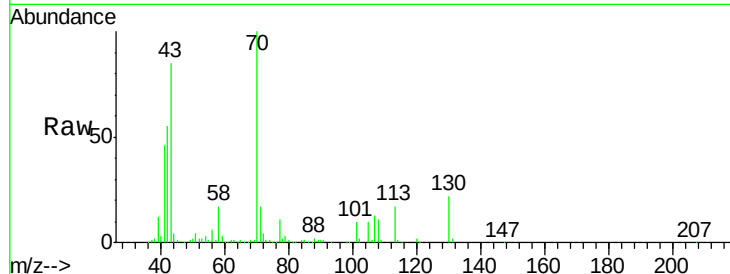
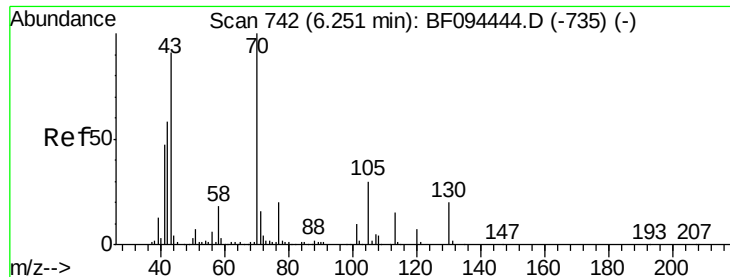
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#18
Hexachloroethane
Concen: 38.16 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	115692		
119	119	98.3		77.4	116.0
201	201	95.2		94.6	141.8





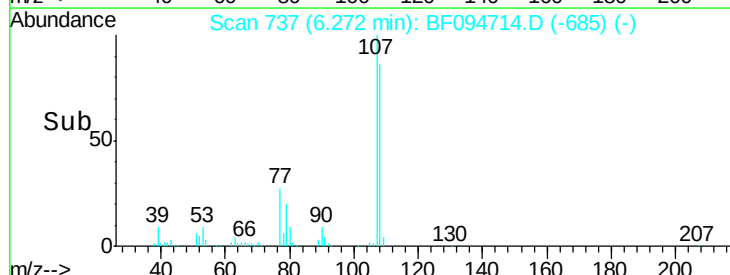
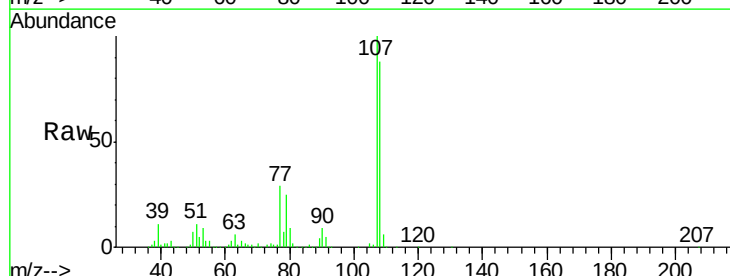
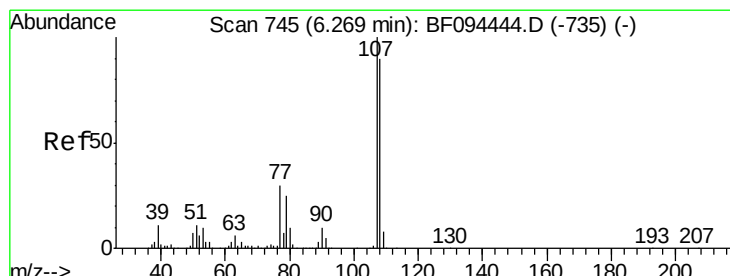
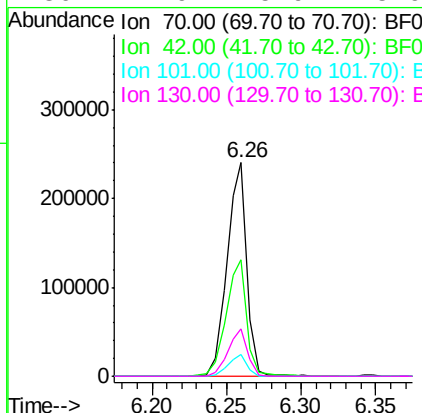
#19
n-Nitroso-di-n-propylamine
Concen: 41.31 ng
RT: 6.26 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.6	47.2	70.8	
101	10.2	7.2	10.8	
130	21.9	15.9	23.9	

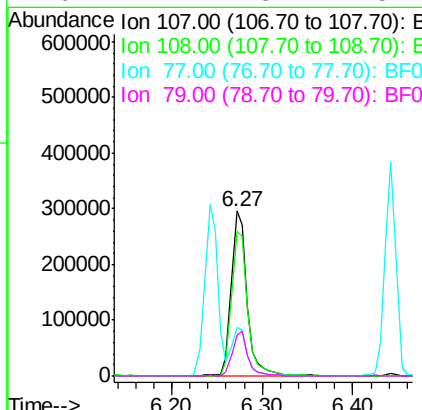
Manual Integrations
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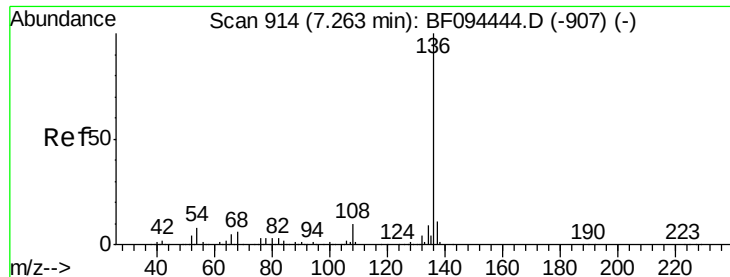
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#20
3+4-Methylphenols
Concen: 42.38 ng
RT: 6.27 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	71.0	111.0	
77	29.3	90.5	130.5	
79	24.7	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: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

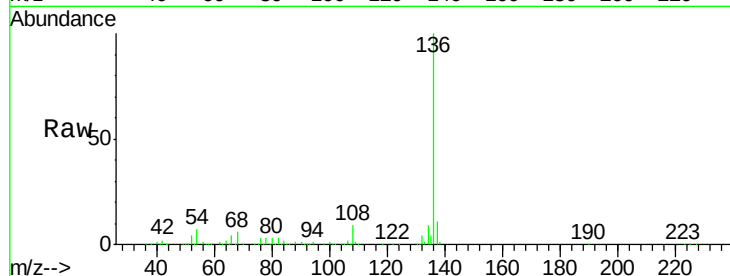
ClientSampleId :

PB98552BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	472116		
137	10.5		8.5	12.7
54	7.0		4.9	7.3
68	5.7		4.1	6.1

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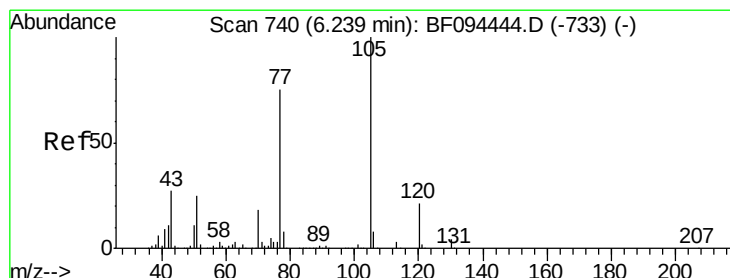
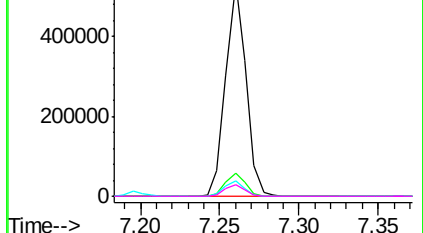
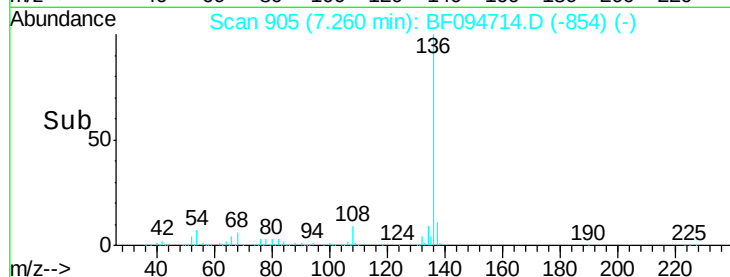


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.98 ng

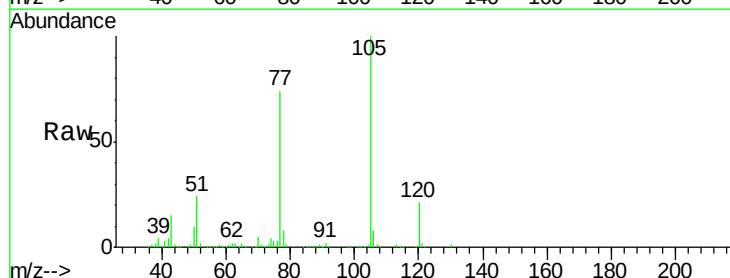
RT: 6.24 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	447513		
71	1.0		2.8	4.2#
51	24.4		30.7	46.1#
120	21.3		17.4	26.0

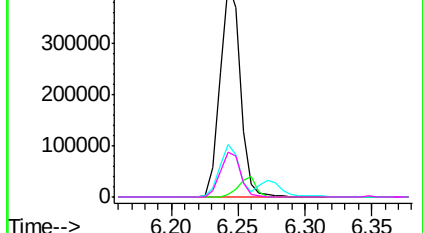
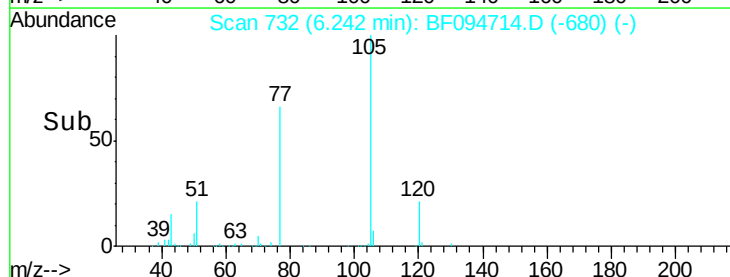


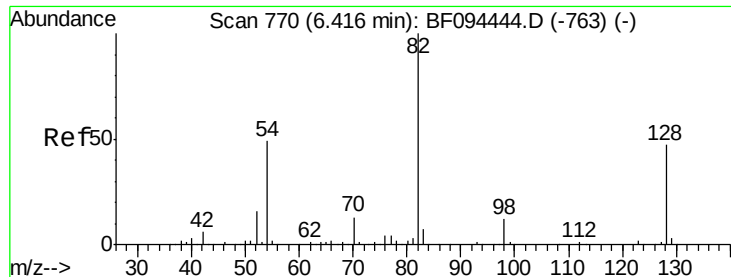
Abundance Ion 105.00 (104.70 to 105.70): E

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





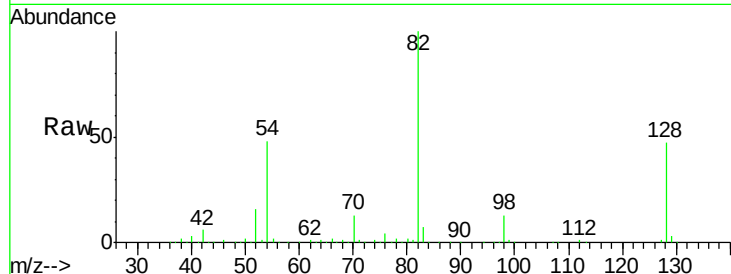
#23
 Nitrobenzene-d5
 Concen: 83.12 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

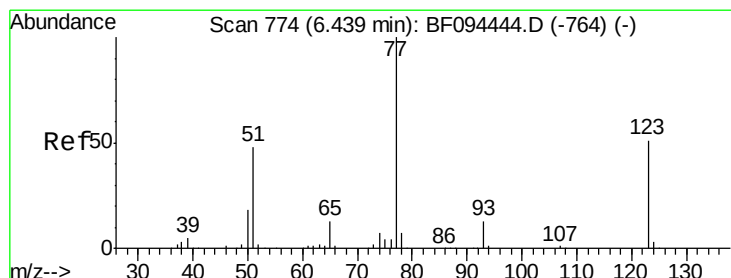
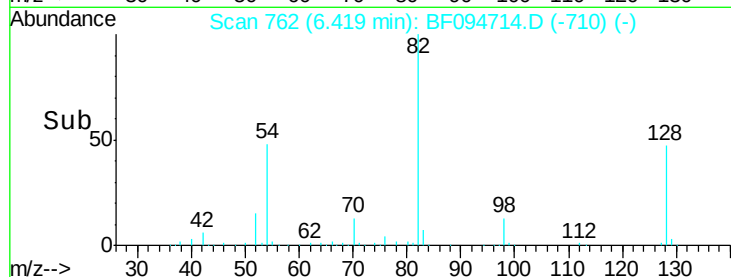
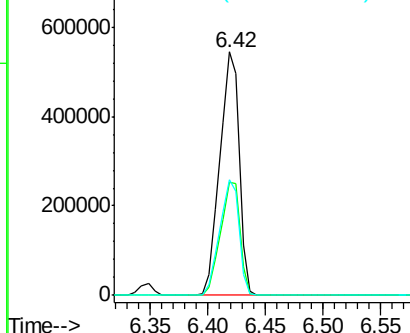
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	34.0	51.0	
54	47.7	42.2	63.2	

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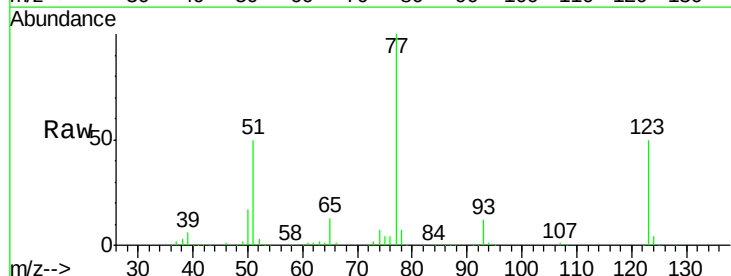


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

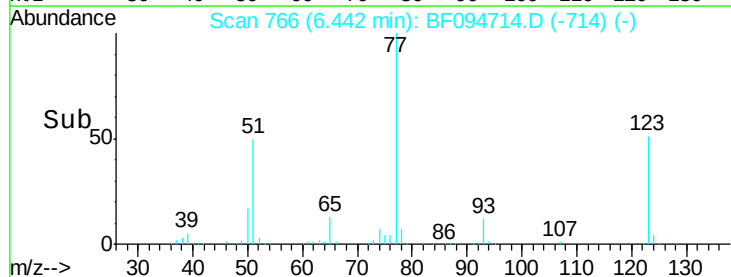
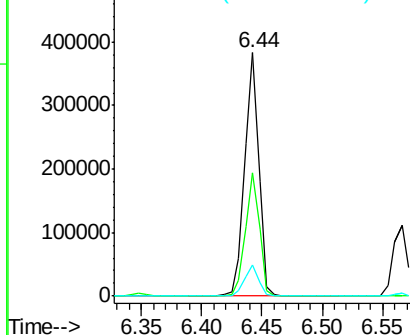


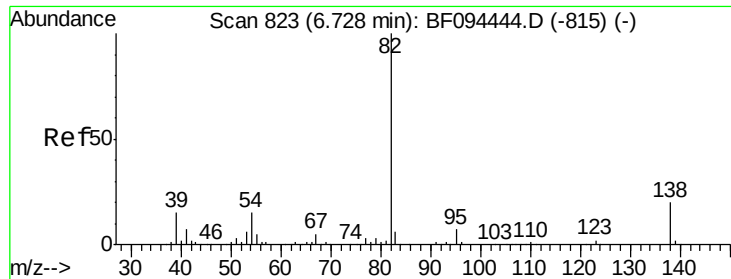
#24
 Nitrobenzene
 Concen: 39.14 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	50.4	35.8	53.8	
65	12.7	10.6	15.8	



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





#25

Isophorone

Concen: 40.98 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

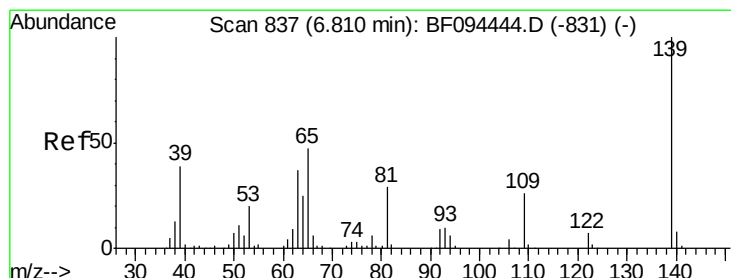
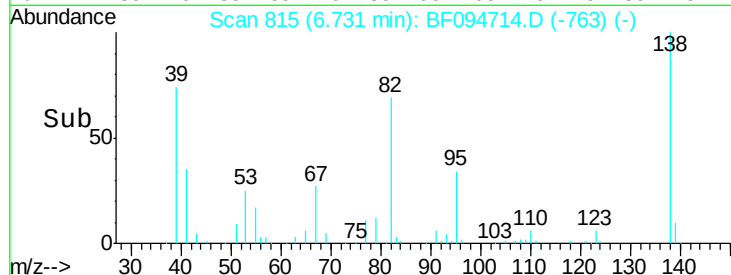
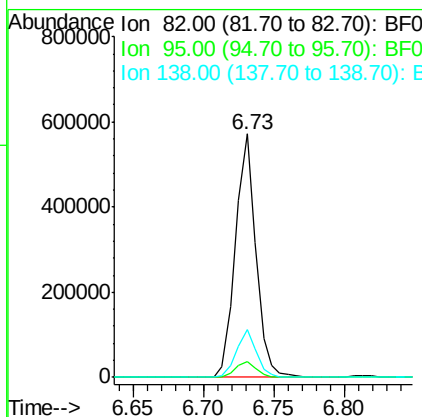
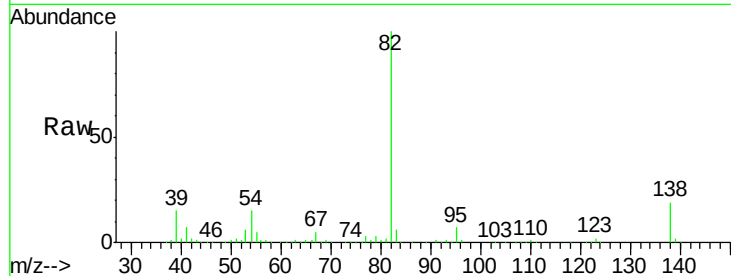
ClientSampleId :

PB98552BSD

Tot Ion:	82	Resp:	580845
Ion Ratio		Lower	Upper
82	100		
95	6.6	5.3	7.9
138	19.4	13.1	19.7

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#26

2-Nitrophenol

Concen: 41.78 ng

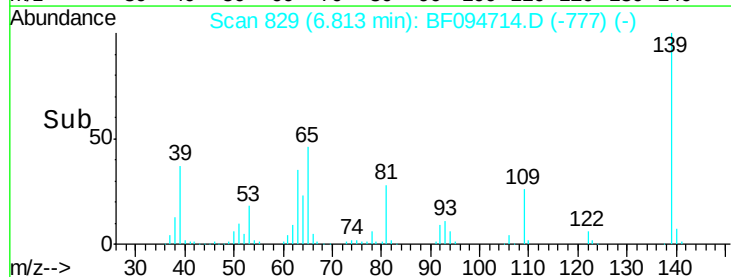
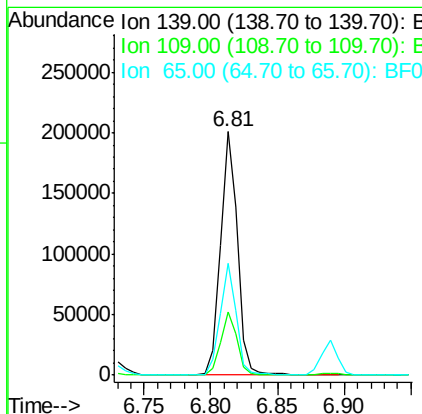
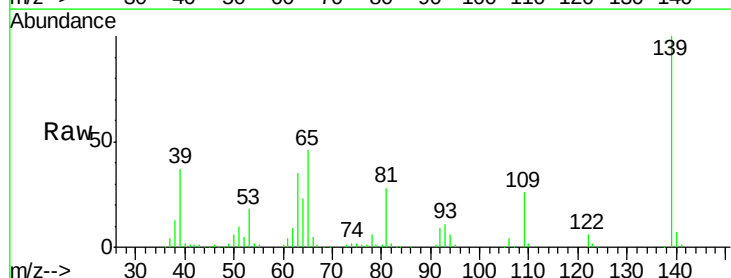
RT: 6.81 min Scan# 829

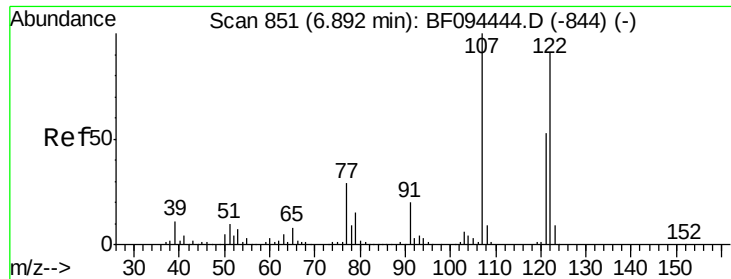
Delta R.T. 0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Tgt Ion:	139	Resp:	180722
Ion Ratio		Lower	Upper
139	100		
109	26.0	21.0	31.6
65	46.0	33.0	49.6





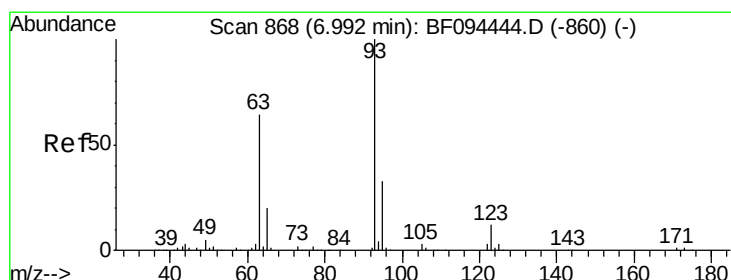
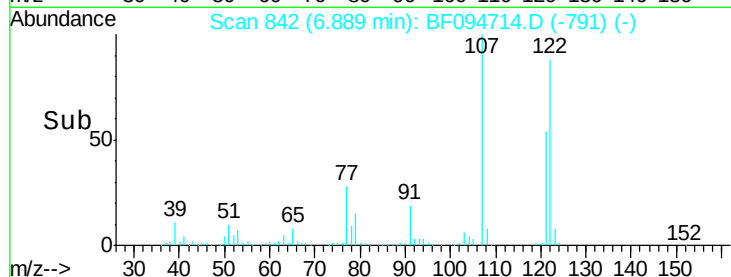
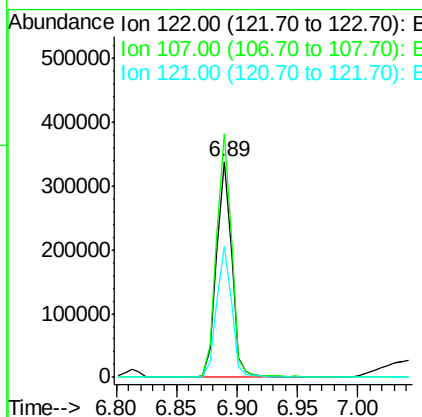
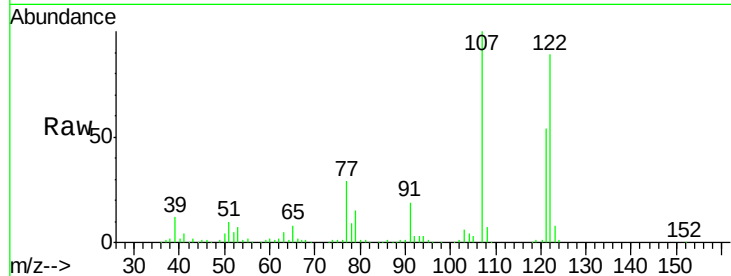
#27
 2,4-Dimethylphenol
 Concen: 41.56 ng
 RT: 6.89 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	89.2	133.8
121	60.5	45.2	67.8

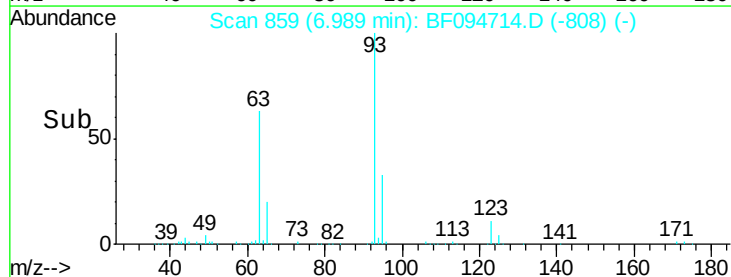
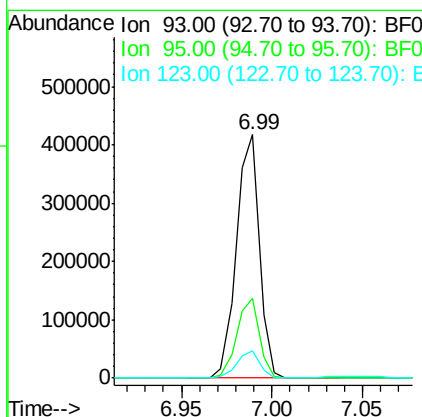
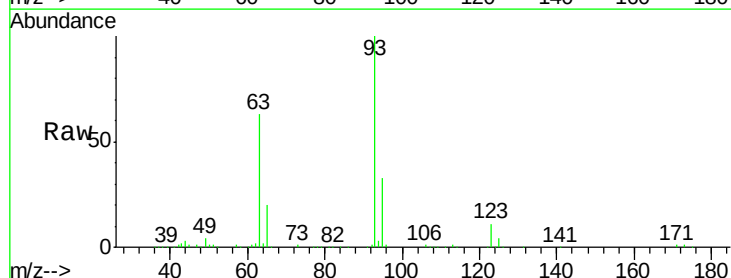
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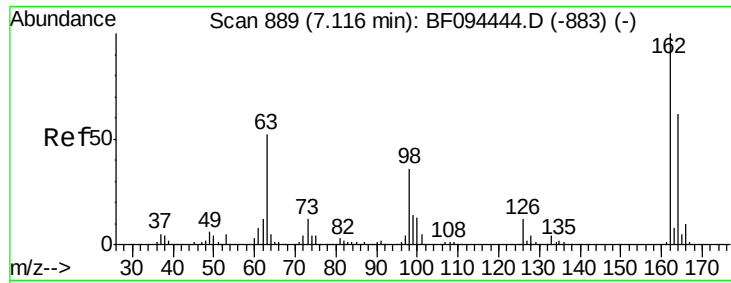
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.19 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	11.1	9.0	13.4





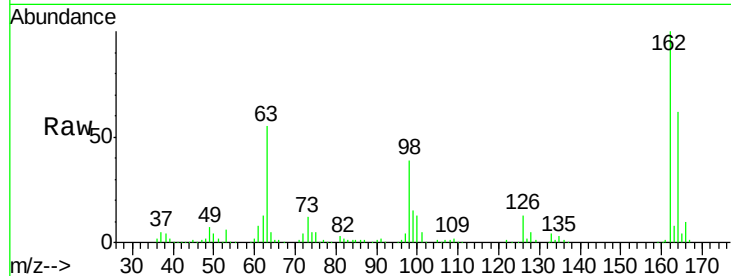
#29
 2,4-Dichlorophenol
 Concen: 43.46 ng
 RT: 7.11 min Scan# 880
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

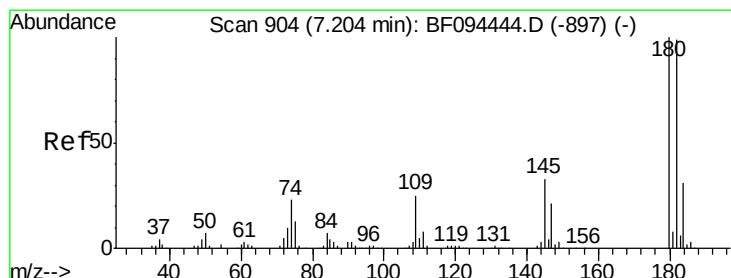
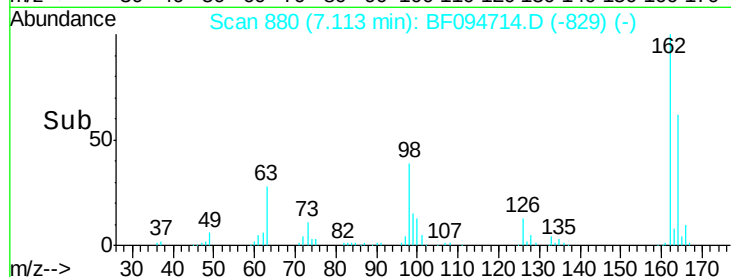
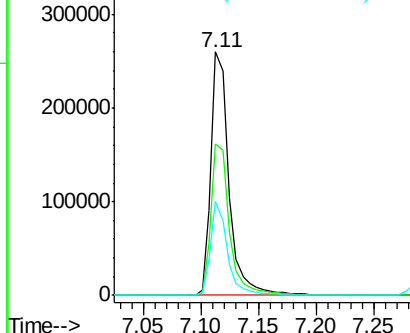
Tot Ion:	162	Resp:	284040
Ion Ratio	Lower	Upper	
162	100		
164	62.4	44.6	84.6
98	38.6	14.8	54.8

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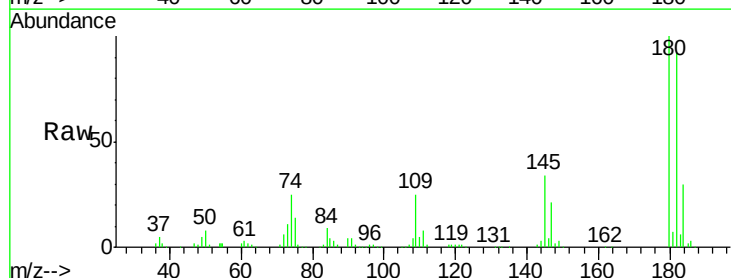


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

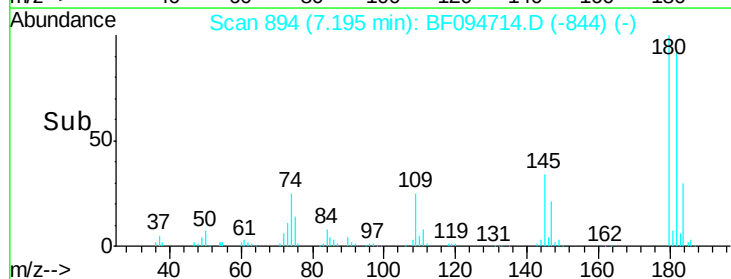
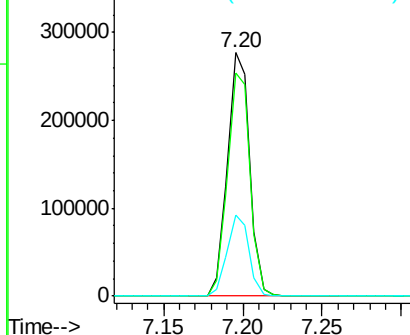


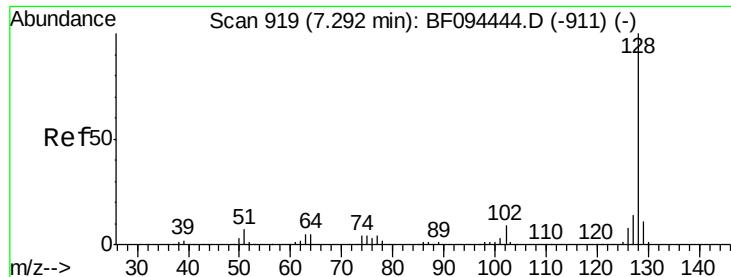
#30
 1,2,4-Trichlorobenzene
 Concen: 39.71 ng
 RT: 7.20 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:	180	Resp:	268354
Ion Ratio	Lower	Upper	
180	100		
182	91.7	75.8	113.6
145	33.5	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.63 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

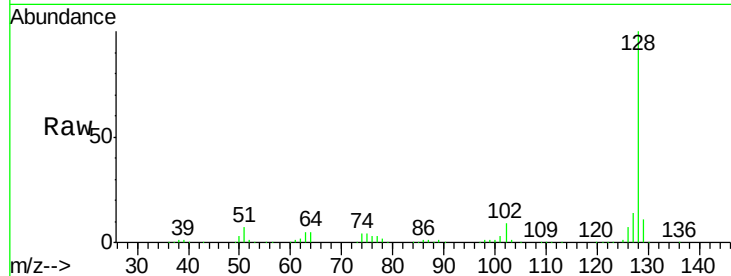
ClientSampleId :

PB98552BSD

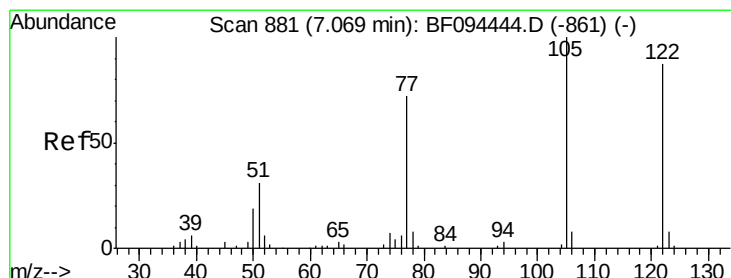
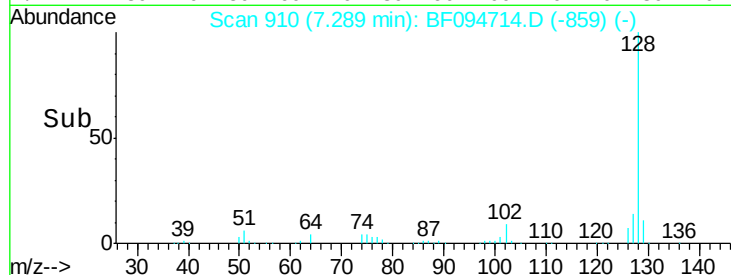
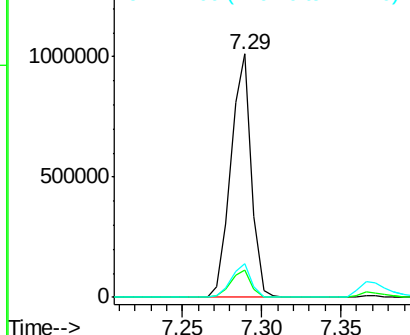
Tot Ion:	128	Resp:	899500
Ion Ratio		Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.7	10.8	16.2

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



#32

Benzoic acid

Concen: 24.26 ng

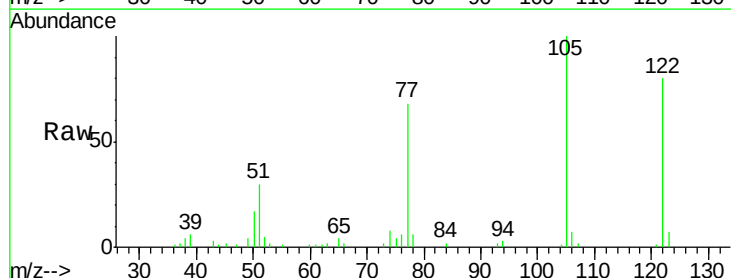
RT: 7.06 min Scan# 871

Delta R.T. -0.01 min

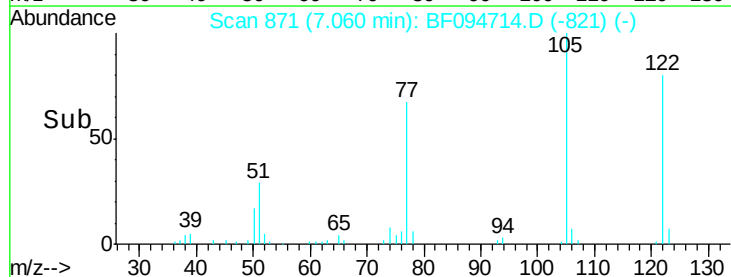
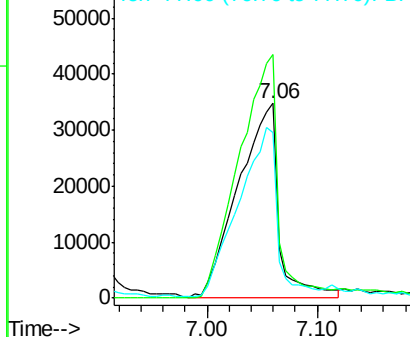
Lab File: BF094714.D

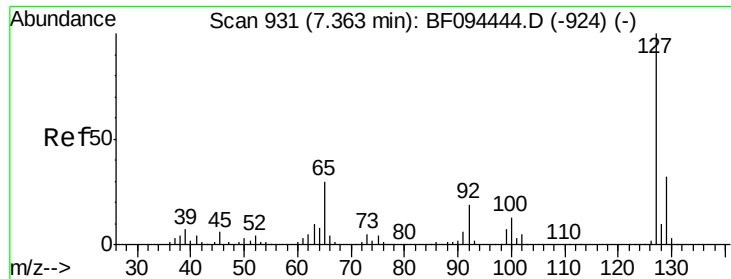
Acq: 30 Apr 2017 15:04

Tgt Ion:	122	Resp:	90143
Ion Ratio		Lower	Upper
122	100		
105	125.1	103.3	143.3
77	84.9	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





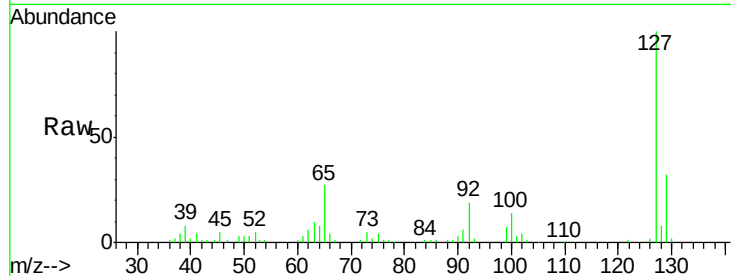
#33
4-Chloroaniline
Concen: 9.53 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

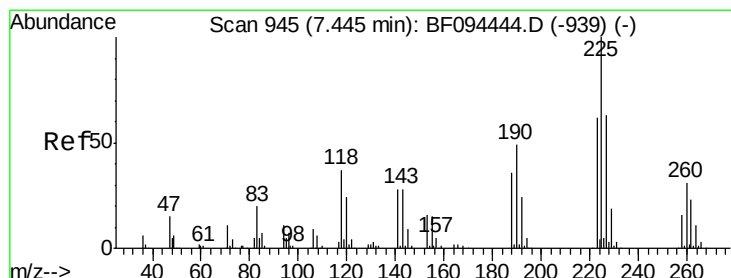
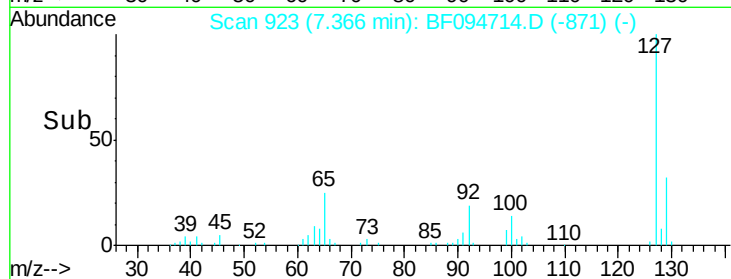
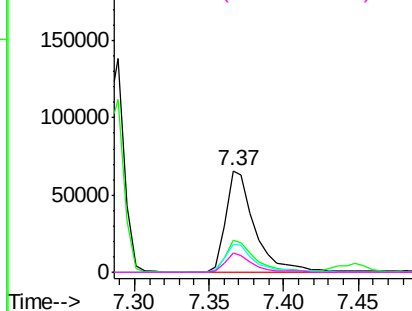
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.2	39.2		
65	27.3	27.8	41.8		
92	19.5	16.8	25.2		

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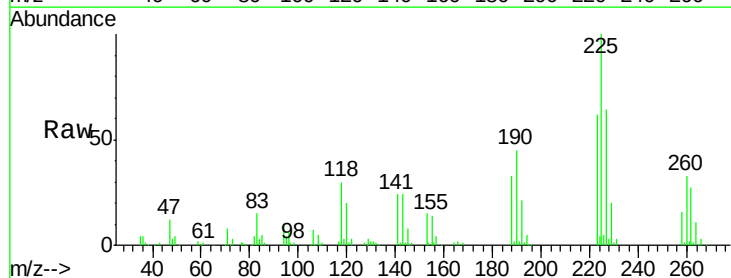


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

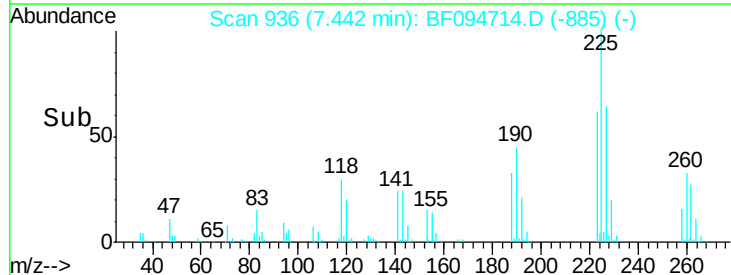
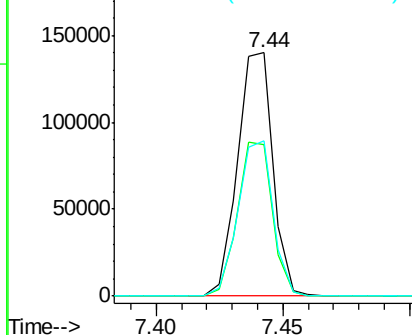


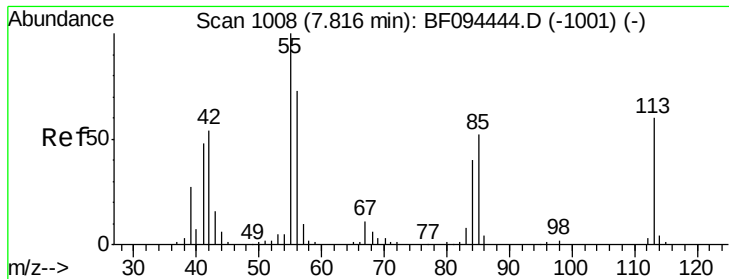
#34
Hexachlorobutadiene
Concen: 40.19 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.2	48.8	73.2		
227	63.6	51.1	76.7		



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





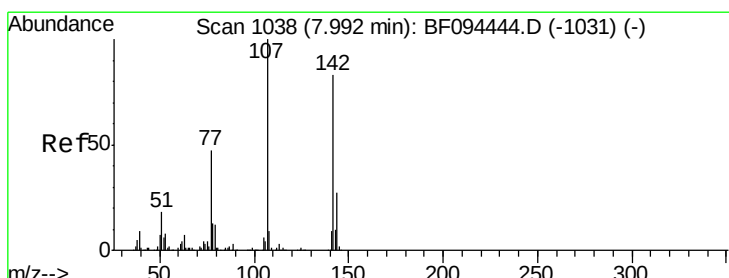
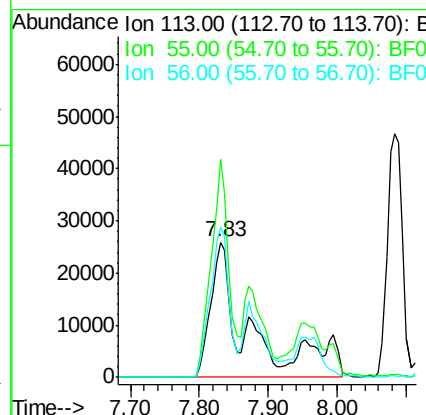
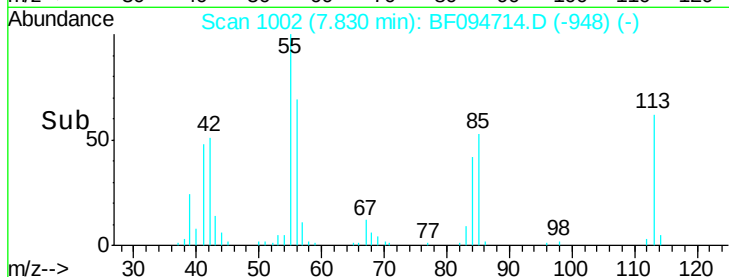
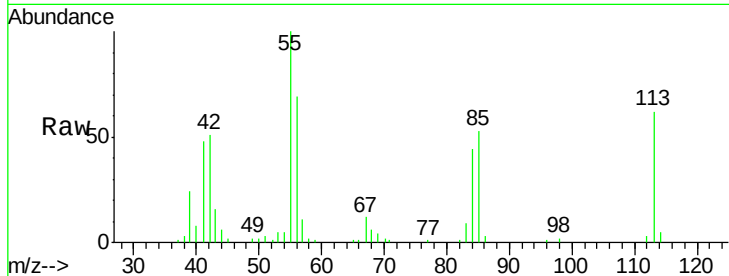
#35
 Caprolactam
 Concen: 48.15 ng/ml
 RT: 7.83 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion:113 Resp: 98878
 Ion Ratio Lower Upper
 113 100
 55 161.7 150.2 190.2
 56 111.3 107.8 147.8

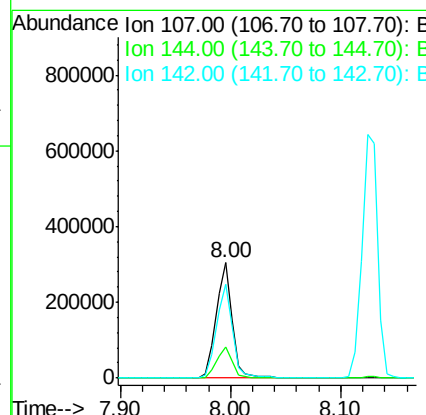
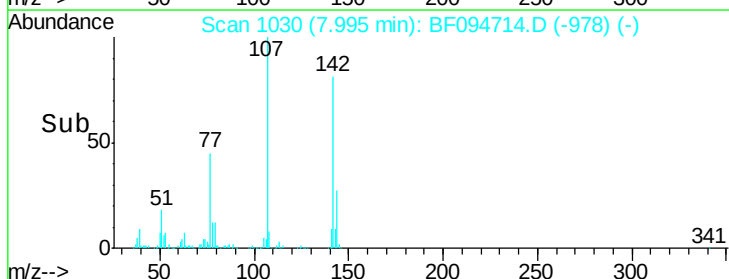
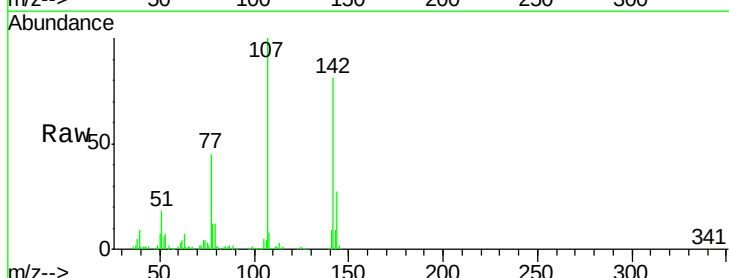
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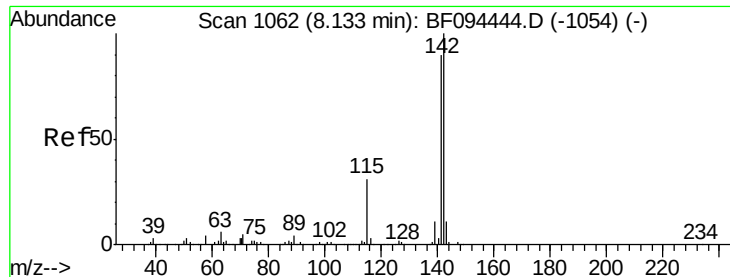
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#36
 4-Chloro-3-methylphenol
 Concen: 44.21 ng/ml
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:107 Resp: 302859
 Ion Ratio Lower Upper
 107 100
 144 26.5 24.2 36.4
 142 81.2 73.4 110.0





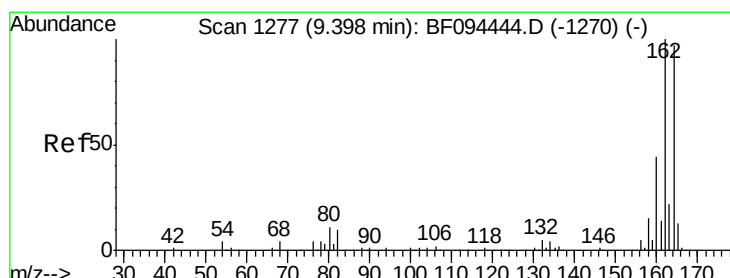
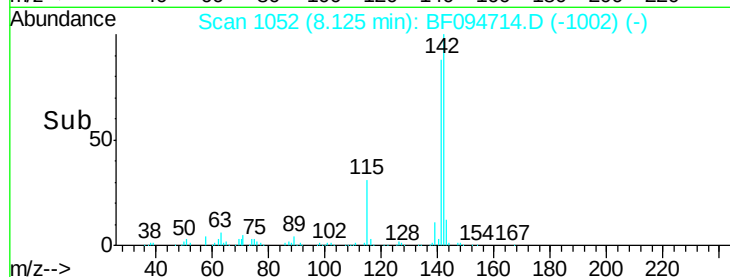
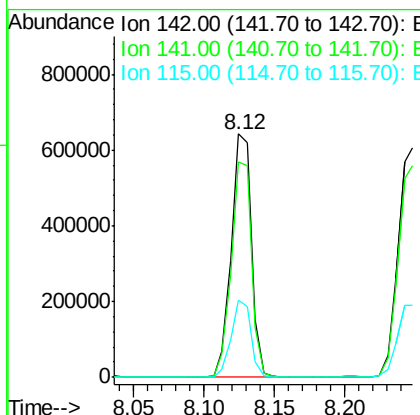
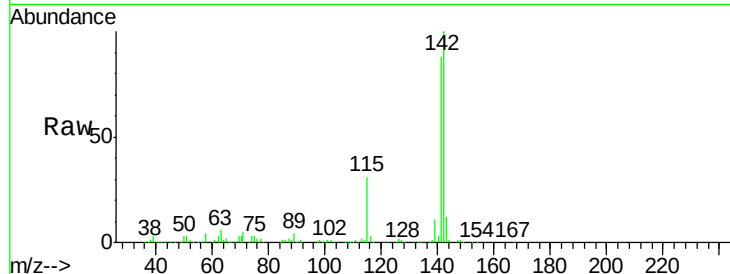
#37
 2-Methylnaphthalene
 Concen: 41.32 ng
 RT: 8.12 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	31.5	27.1	40.7

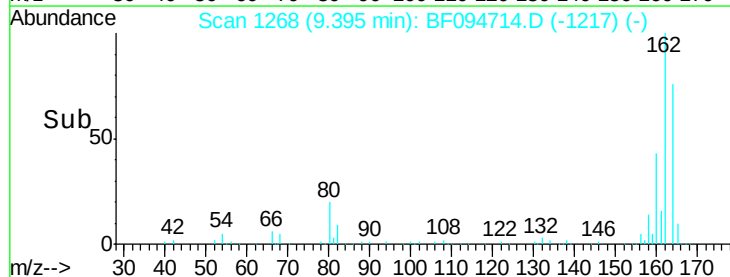
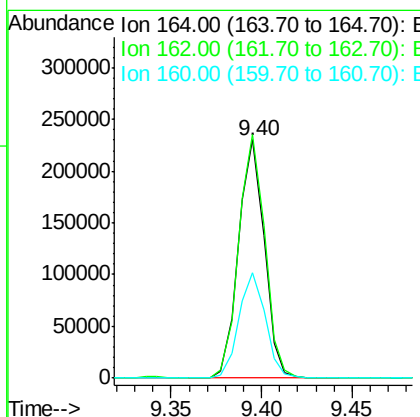
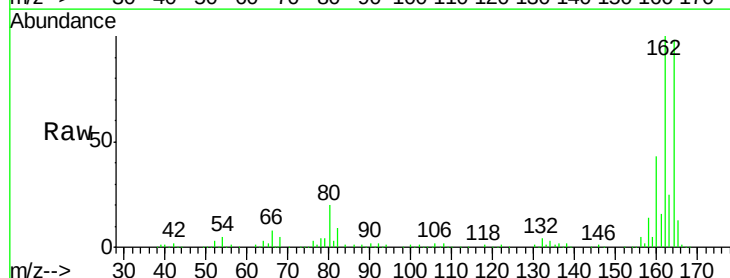
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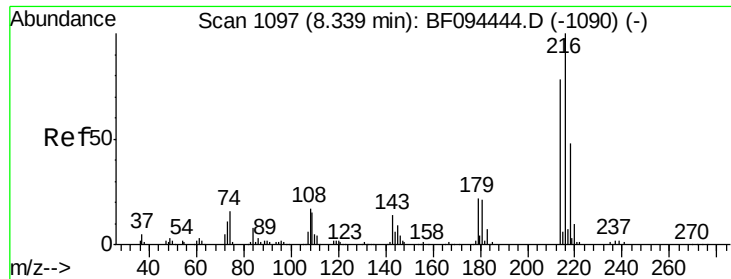
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	44.1	36.2	54.2





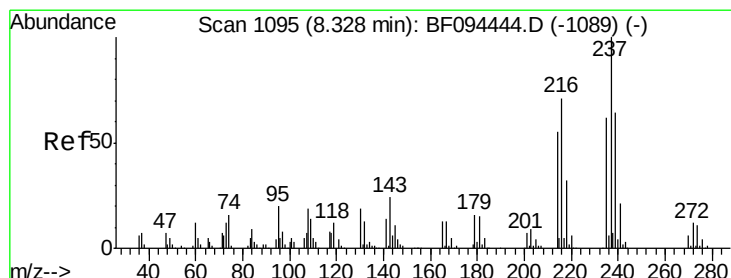
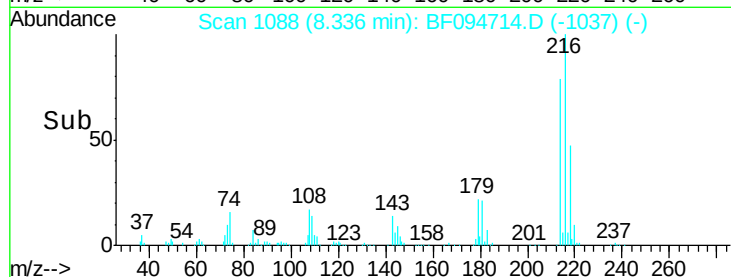
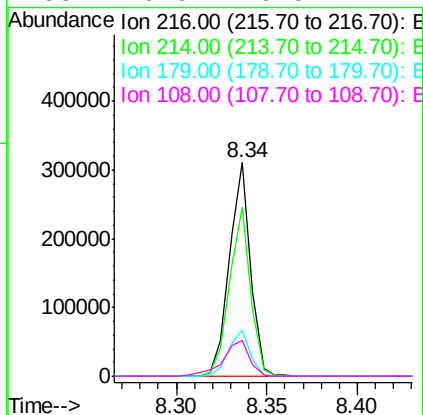
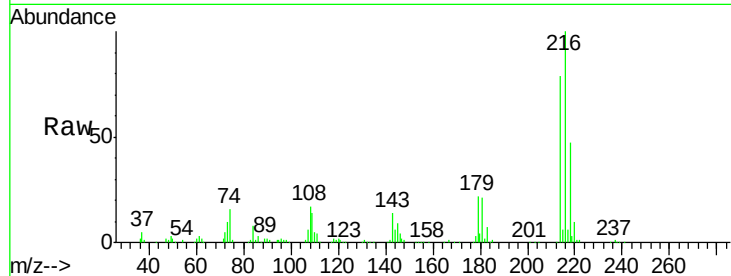
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.91 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.4	95.2
179	22.2	17.9	26.9
108	20.5	16.5	24.7

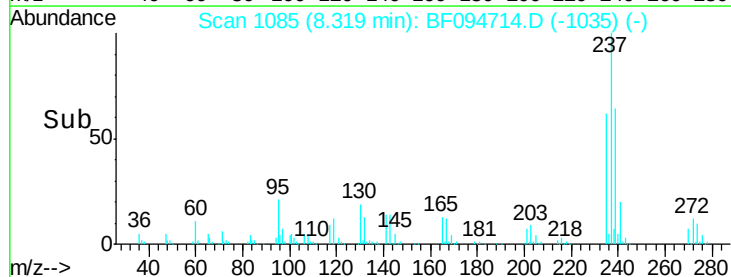
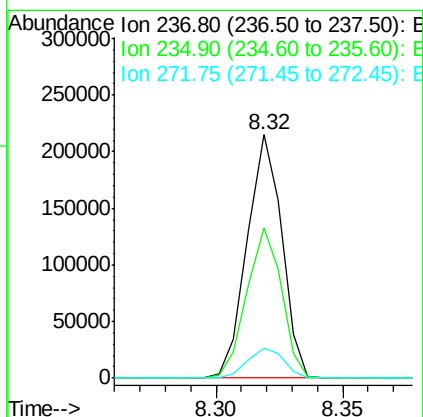
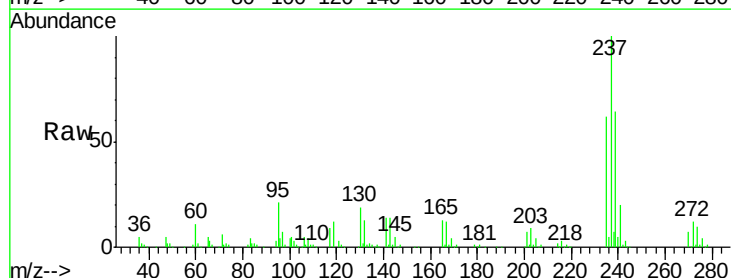
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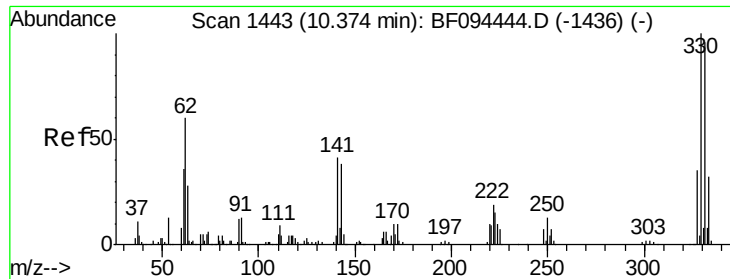
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#40
 Hexachlorocyclopentadiene
 Concen: 78.47 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.6	82.6
272	12.5	0.0	31.9





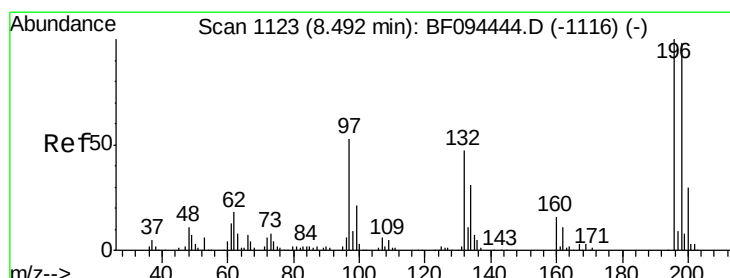
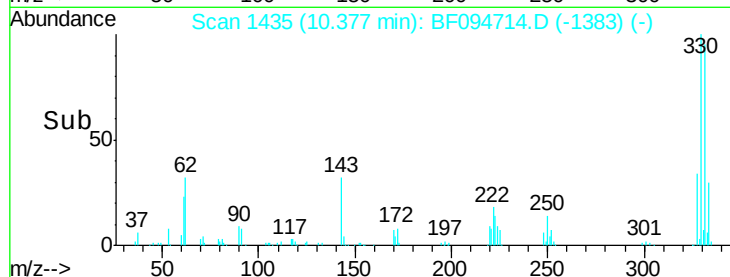
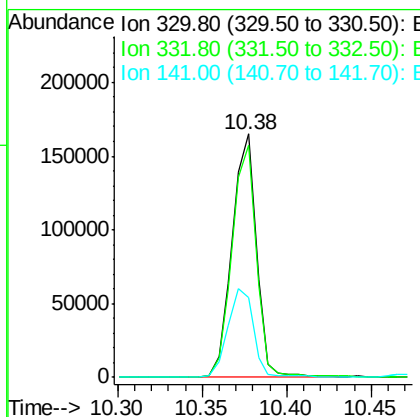
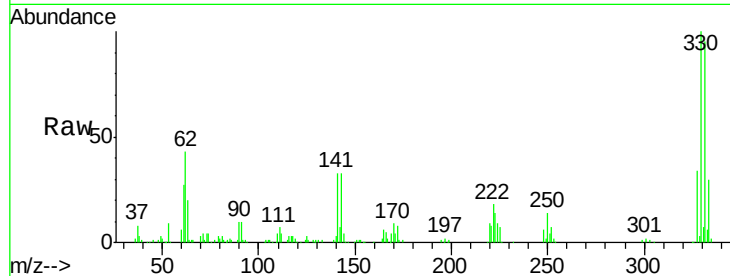
#41
 2,4,6-Tribromophenol
 Concen: 93.00 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	165697		
332	96.5	76.6	115.0	
141	38.5	31.4	47.2	

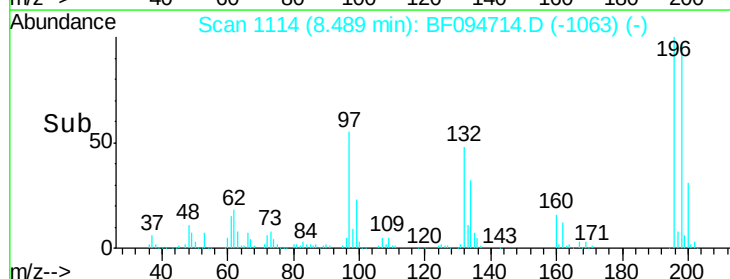
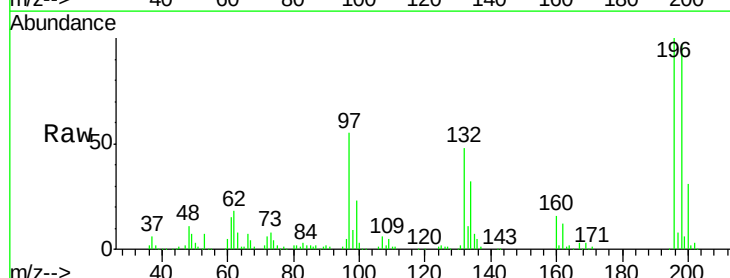
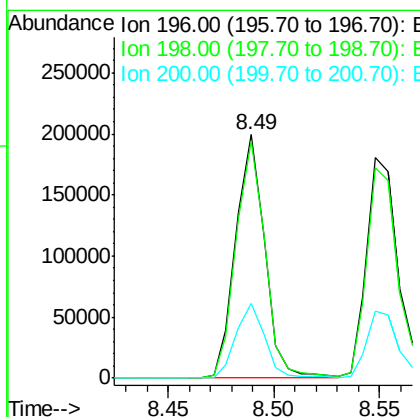
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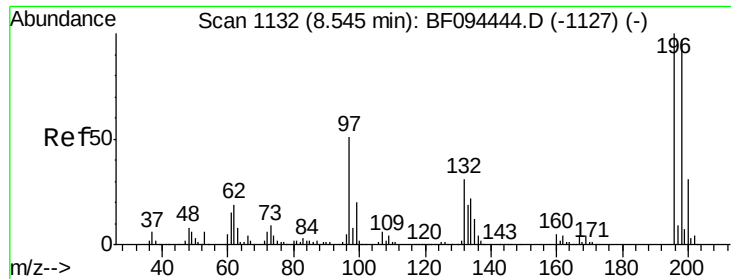
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#42
 2,4,6-Trichlorophenol
 Concen: 41.86 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	190669		
198	97.5	74.2	111.4	
200	30.6	24.0	36.0	





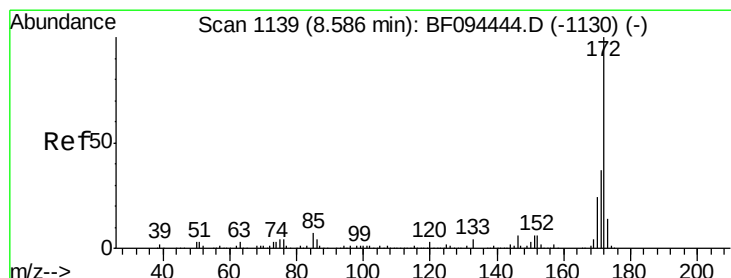
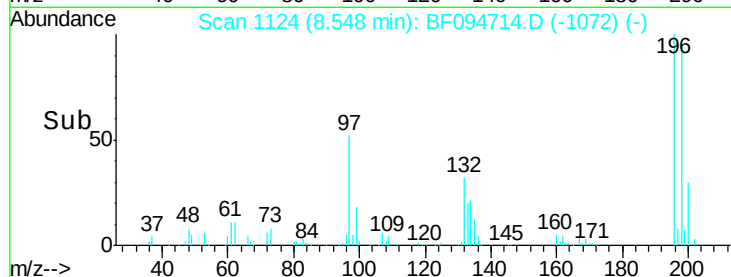
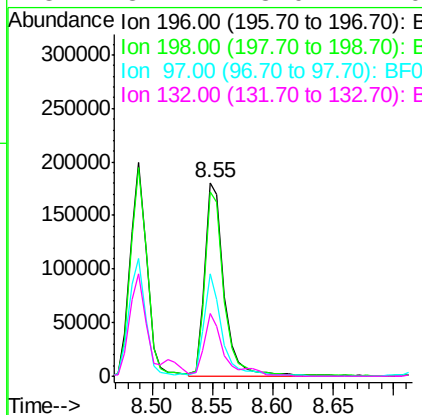
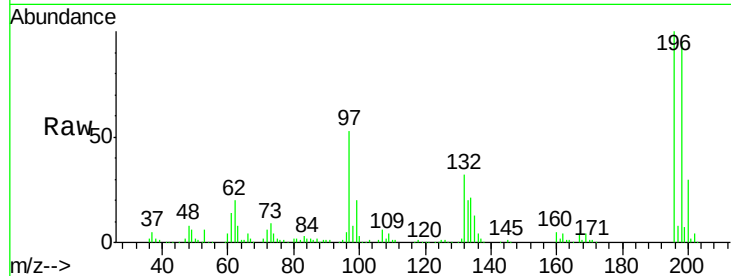
#43
 2,4,5-Trichlorophenol
 Concen: 42.66 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion:	196	Resp:	199554
Ion Ratio	Lower	Upper	
196	100		
198	95.2	75.7	113.5
97	52.7	47.7	71.5
132	32.1	28.0	42.0

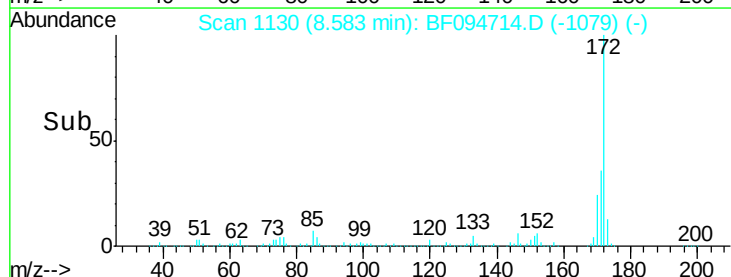
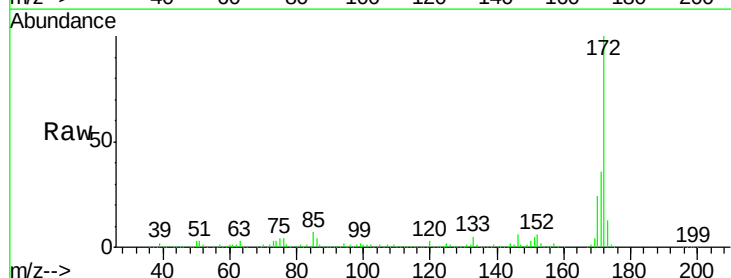
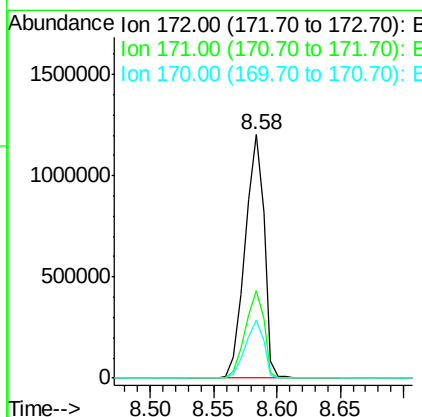
Manual Integrations
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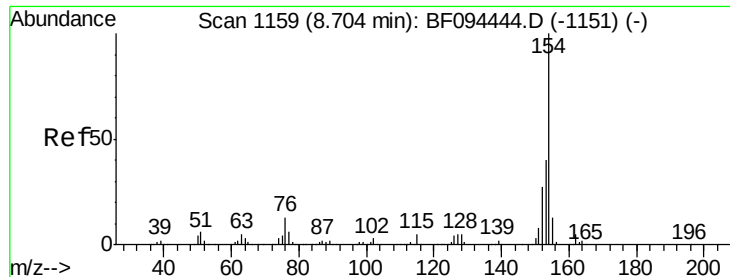
mohammad
 5/1/2017 7:50:49 PM



#44
 2-Fluorobiphenyl
 Concen: 80.77 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:	172	Resp:	1250393
Ion Ratio	Lower	Upper	
172	100		
171	36.1	29.6	44.4
170	23.9	19.8	29.8





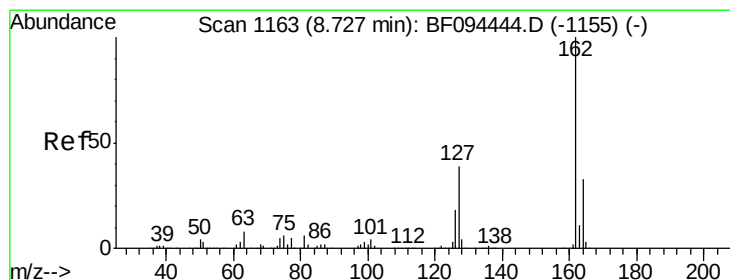
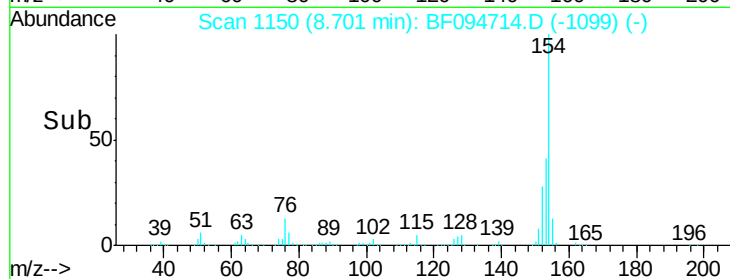
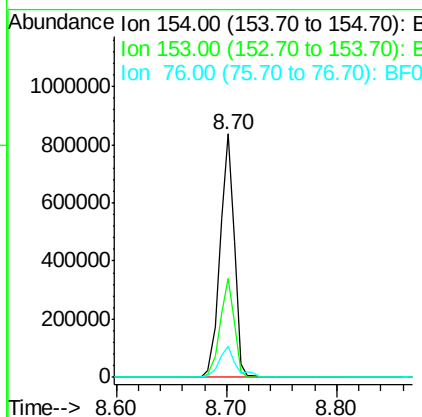
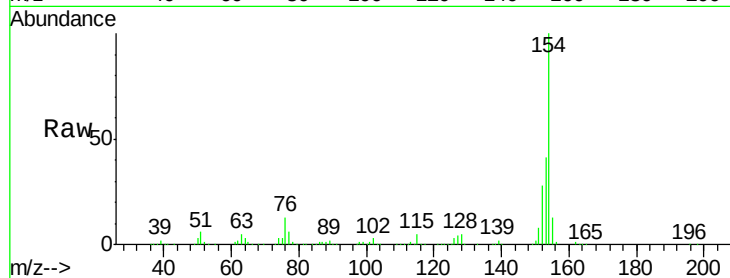
#45
 1,1'-Biphenyl
 Concen: 40.13 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion:	154	Resp:	746802
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.2	61.2
76	13.0	0.0	29.9

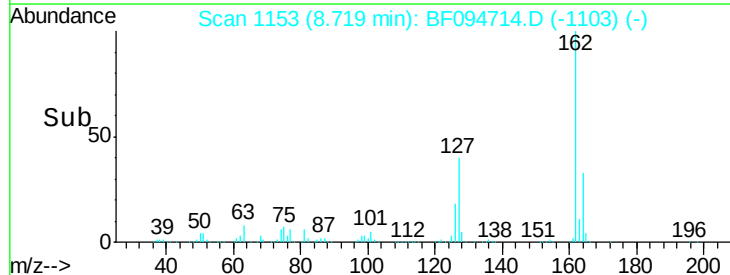
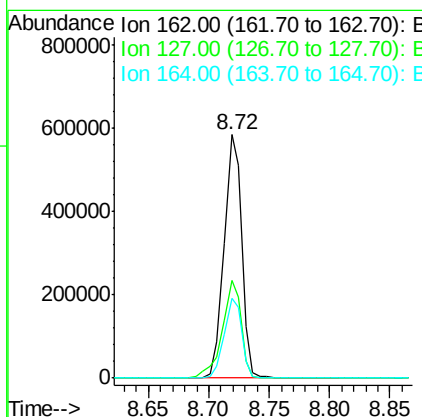
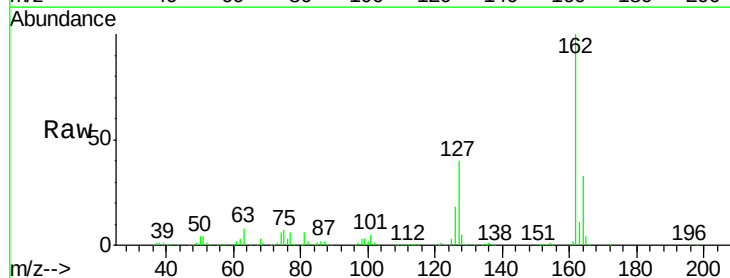
Manual Integrations
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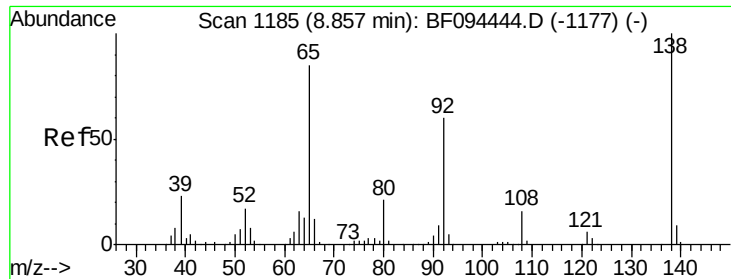
mohammad
 5/1/2017 7:50:49 PM



#46
 2-Chloronaphthalene
 Concen: 39.92 ng
 RT: 8.72 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:	162	Resp:	590813
Ion Ratio	Lower	Upper	
162	100		
127	40.2	28.3	42.5
164	32.8	27.0	40.4





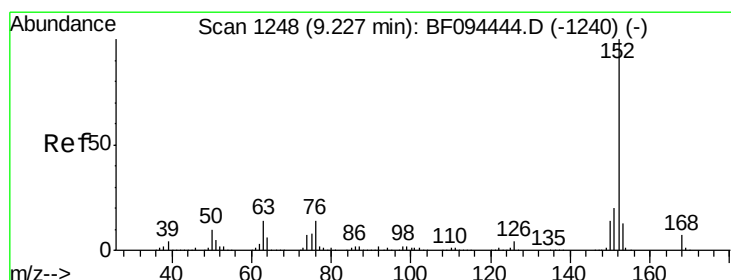
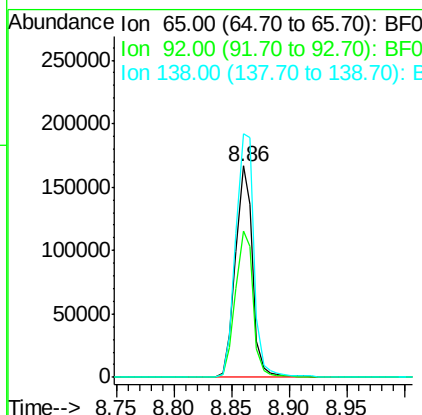
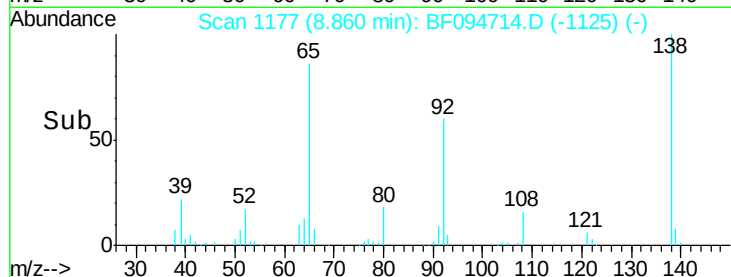
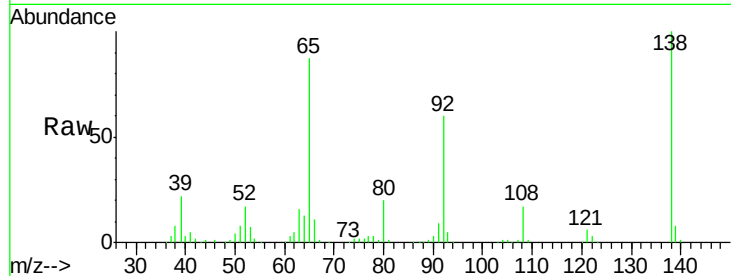
#47
 2-Nitroaniline
 Concen: 40.69 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.9	80.9
138	115.2	78.8	118.2

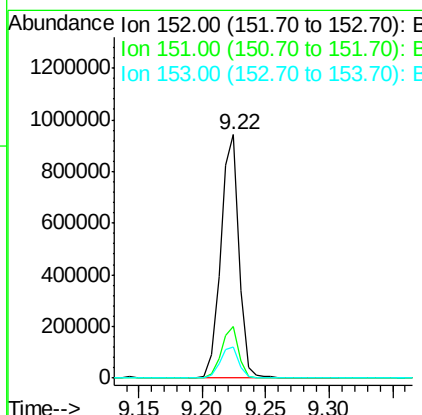
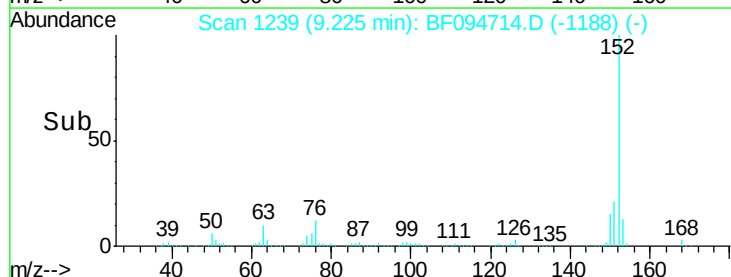
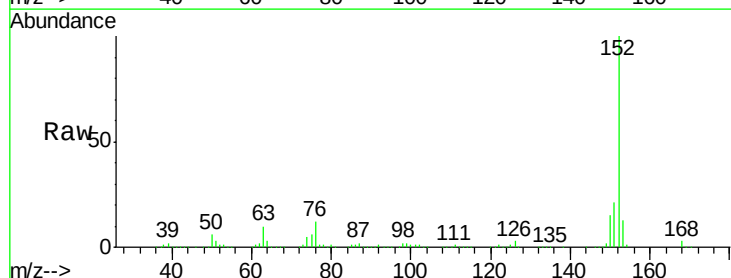
Manual Integrations
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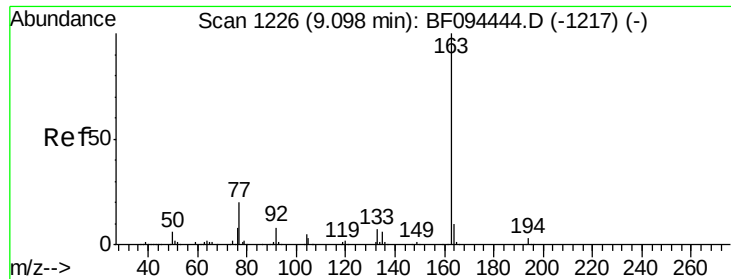
mohammad
 5/1/2017 7:50:49 PM



#48
 Acenaphthylene
 Concen: 40.81 ng
 RT: 9.22 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.8	25.2
153	13.0	10.8	16.2





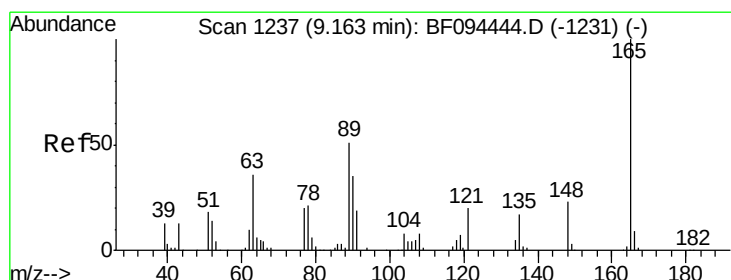
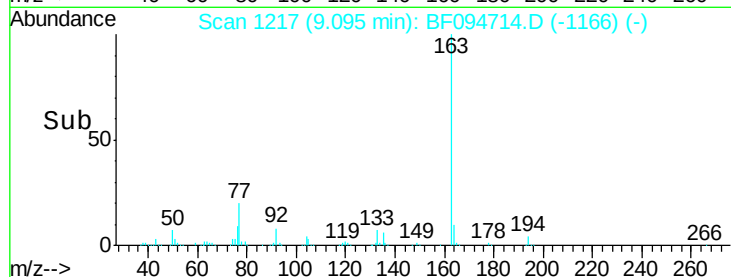
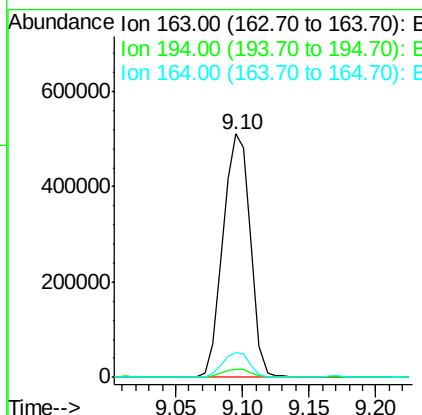
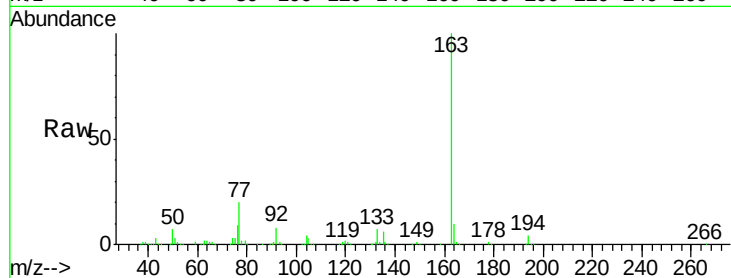
#49
Dimethylphthalate
Concen: 43.59 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.5	2.6	4.0	
164	10.2	8.4	12.6	

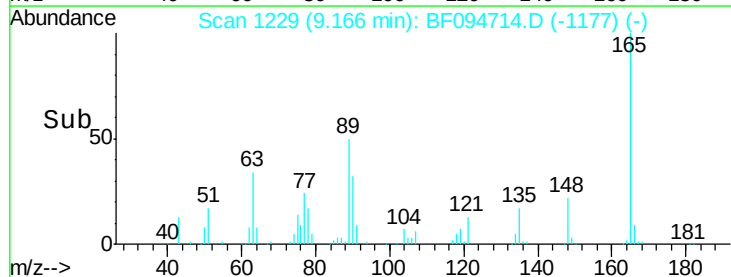
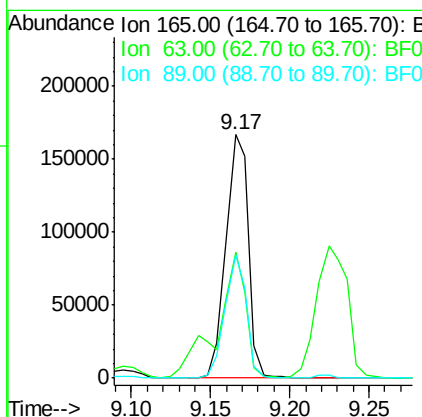
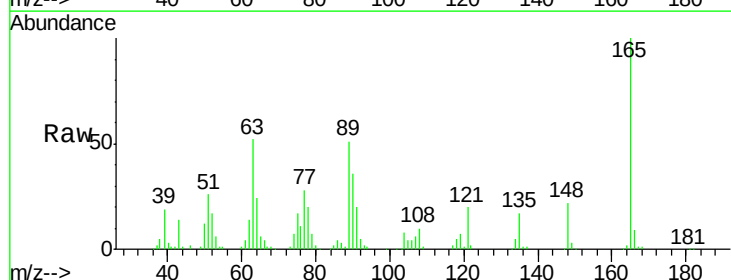
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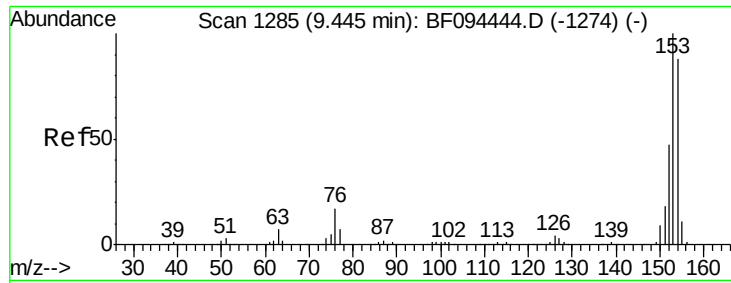
mohammad
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#50
2,6-Dinitrotoluene
Concen: 42.90 ng
RT: 9.17 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.7	34.3	51.5#	
89	50.9	37.1	55.7	





#51

Acenaphthene

Concen: 40.66 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

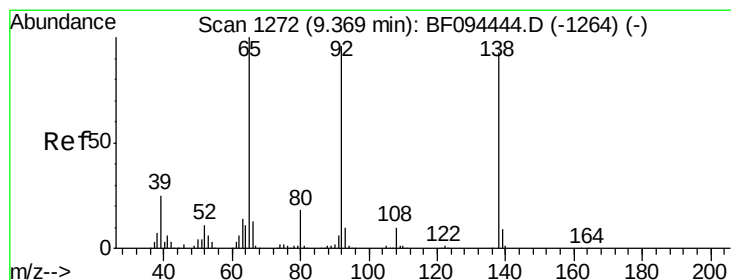
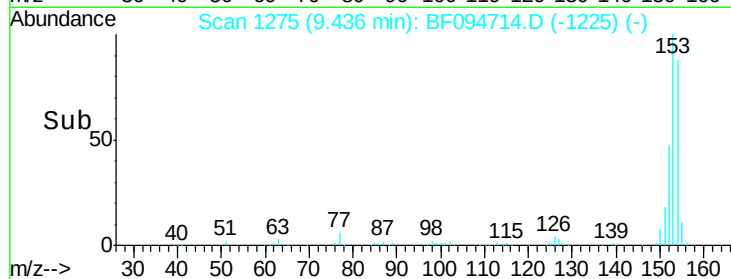
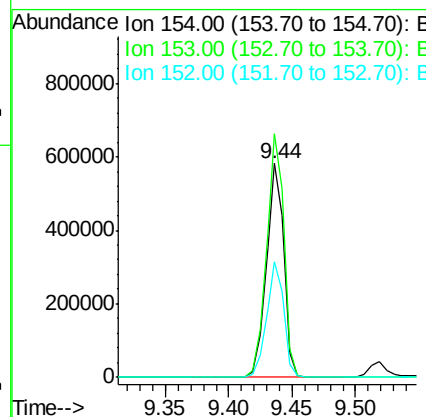
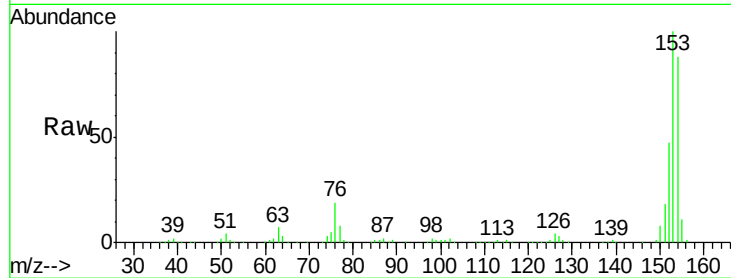
ClientSampleId :

PB98552BSD

Tot Ion:	154	Resp:	561789
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.5	135.7
152	53.9	43.6	65.4

Manual Integrations
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mohammad
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#52

3-Nitroaniline

Concen: 19.27 ng

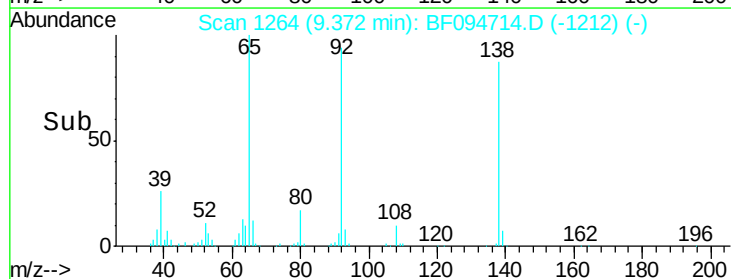
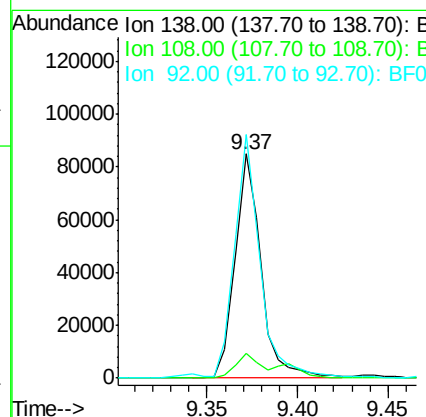
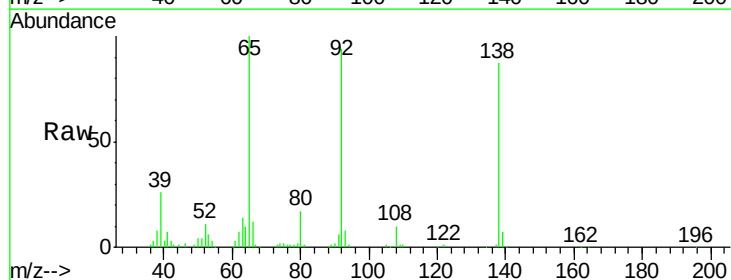
RT: 9.37 min Scan# 1264

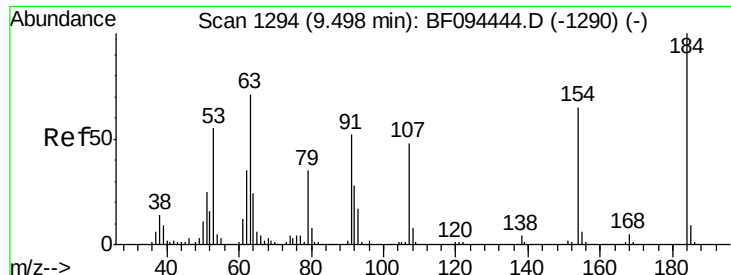
Delta R.T. 0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Tgt Ion:	138	Resp:	84938
Ion Ratio	Lower	Upper	
138	100		
108	11.0	9.1	13.7
92	108.6	93.8	140.6





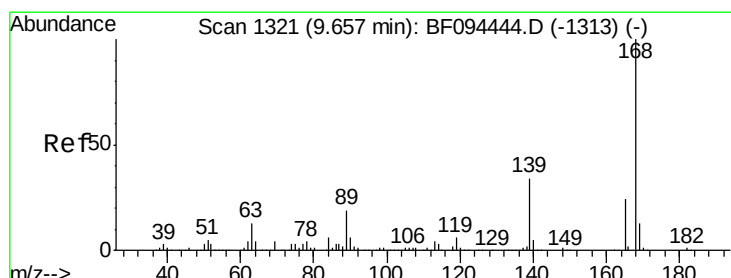
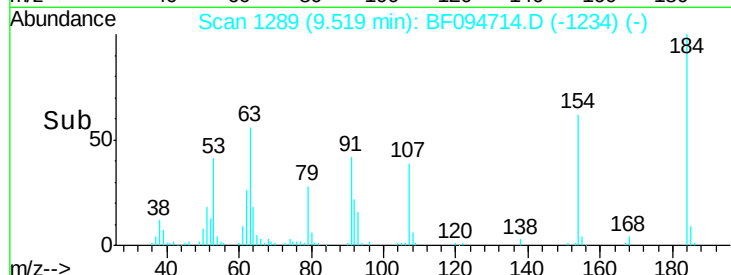
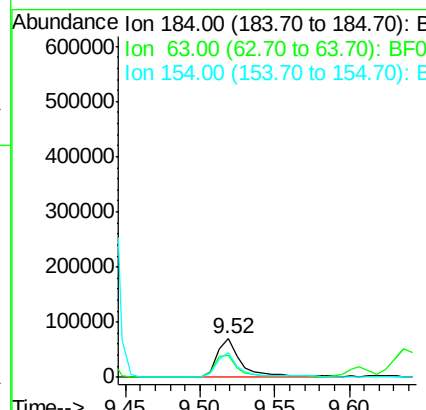
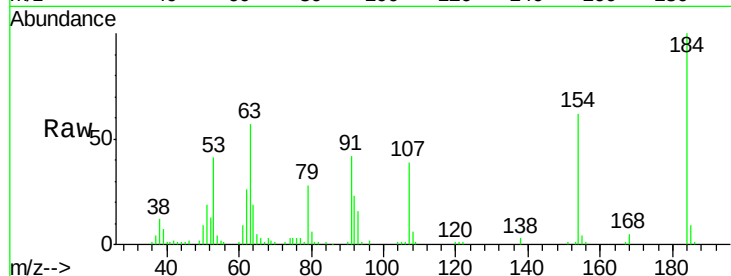
#53
 2,4-Dinitrophenol
 Concen: 42.63 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	56.5	62.7	94.1#	
154	62.2	81.1	121.7#	

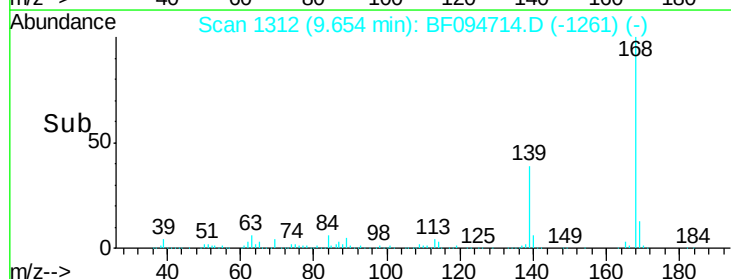
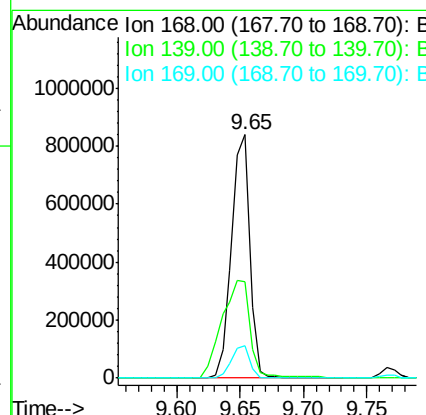
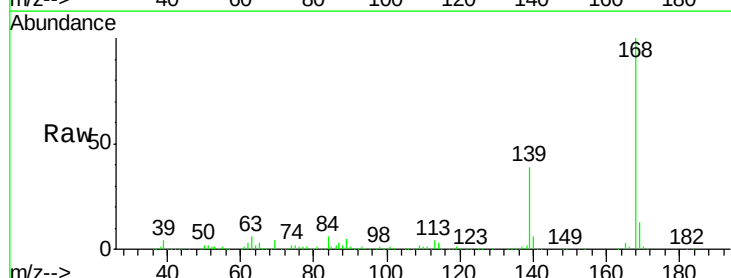
Manual Integrations
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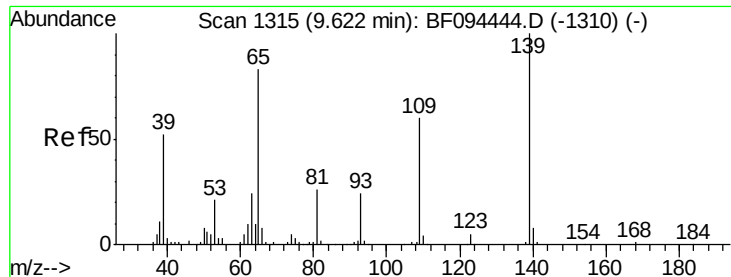
mohammad
 5/1/2017 7:50:49 PM



#54
 Dibenzofuran
 Concen: 41.82 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.4	30.6	45.8	
169	13.4	10.8	16.2	





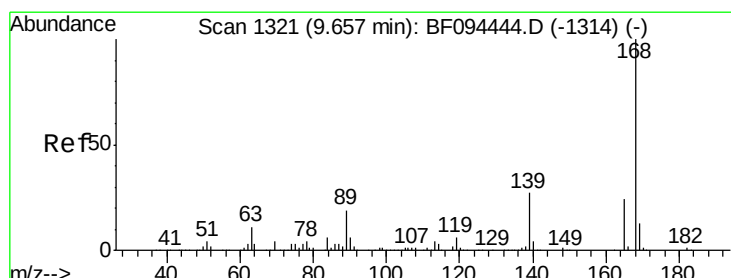
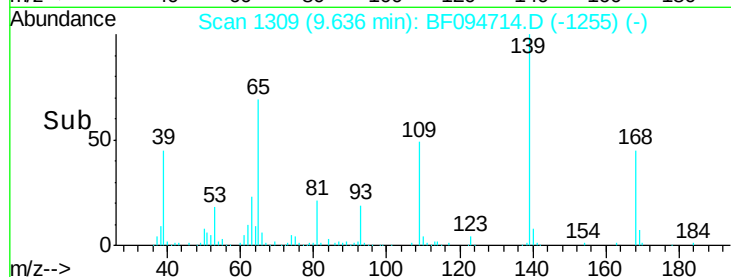
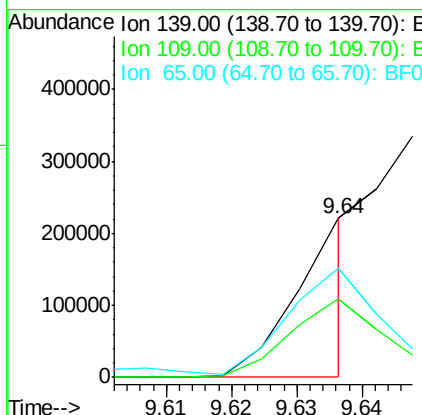
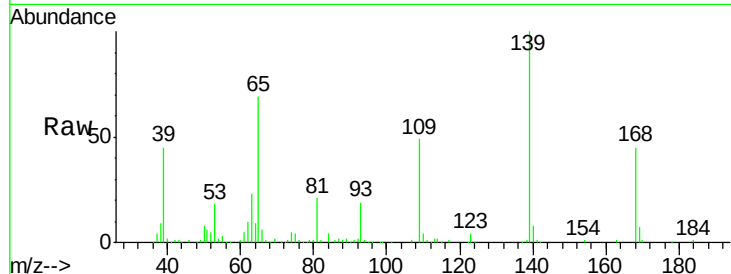
#55
4-Nitrophenol
Concen: 43.91 ng/mL
RT: 9.64 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	49.0	34.1	74.1
65	68.7	31.4	71.4

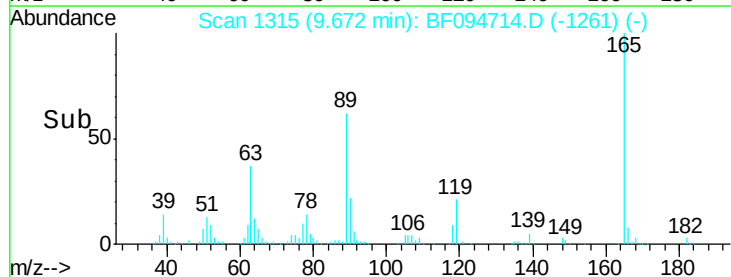
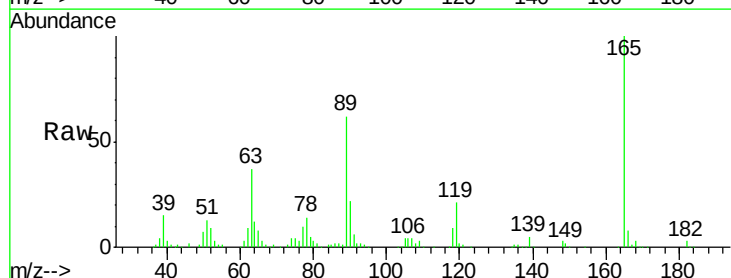
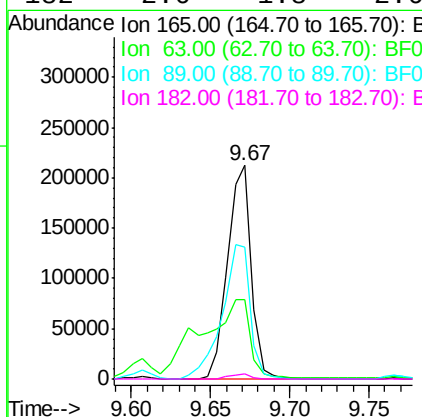
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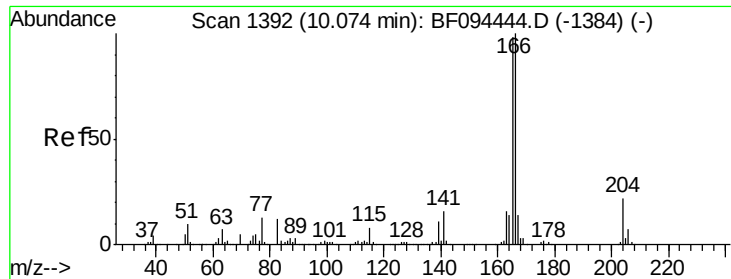
mohammad
5/1/2017 7:50:49 PM



#56
2,4-Dinitrotoluene
Concen: 46.75 ng/mL
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.0	25.4	38.0
89	61.6	46.4	69.6
182	2.6	1.8	2.6





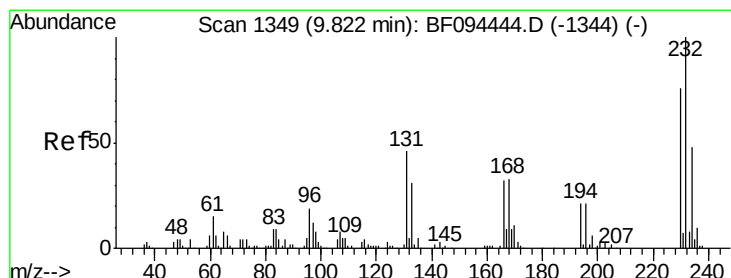
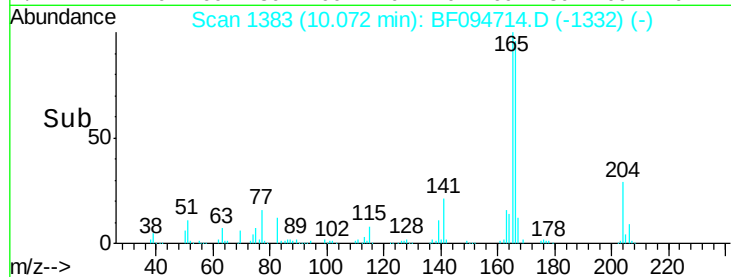
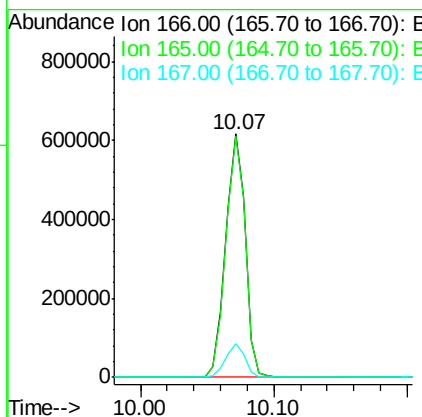
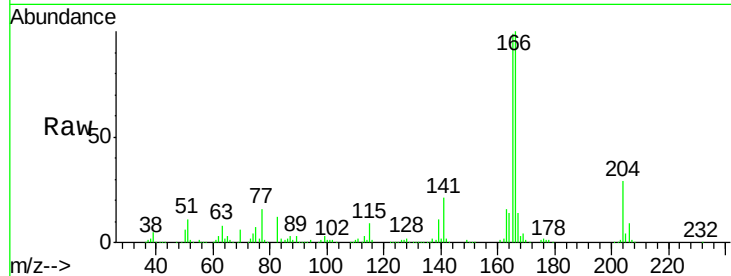
#57
 Fluorene
 Concen: 41.14 ng
 RT: 10.07 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	643394		
165	99.2		78.8	118.2
167	13.7		10.6	16.0

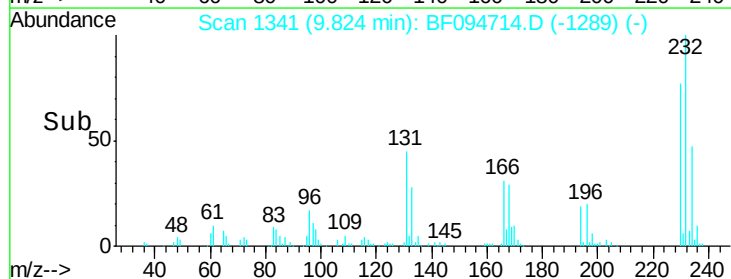
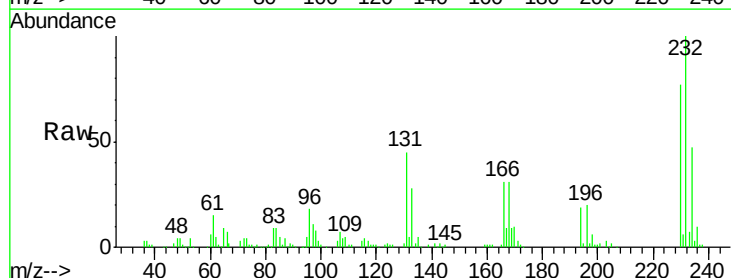
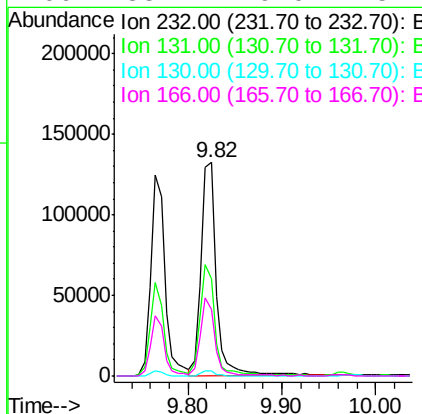
Manual Integrations
 APPROVED

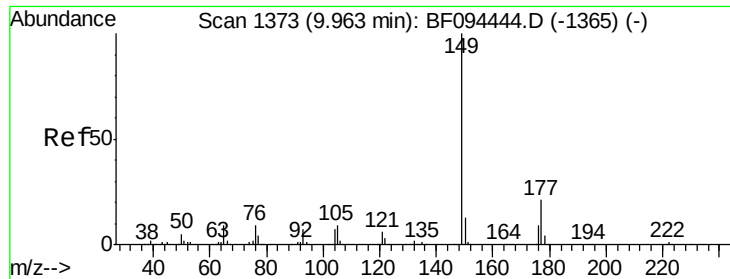
mohammad
 5/1/2017 7:50:49 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.76 ng
 RT: 9.82 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	150082		
131	51.4		44.8	67.2
130	2.2		2.3	3.5
166	33.2		29.0	43.4





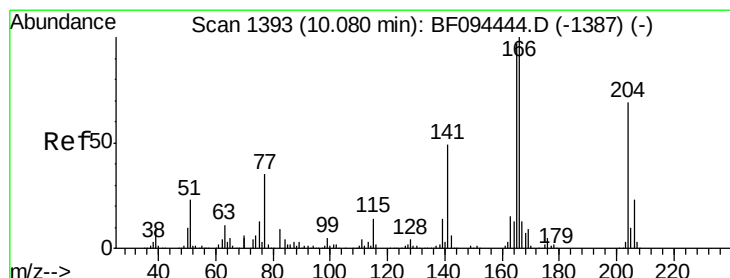
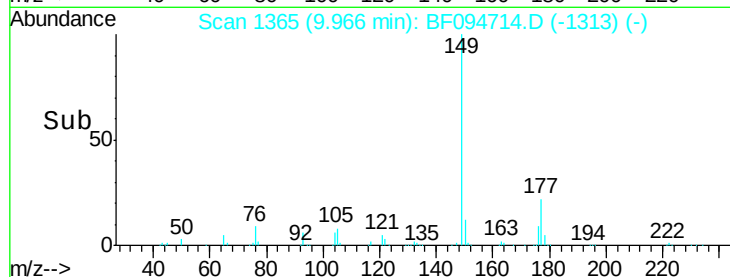
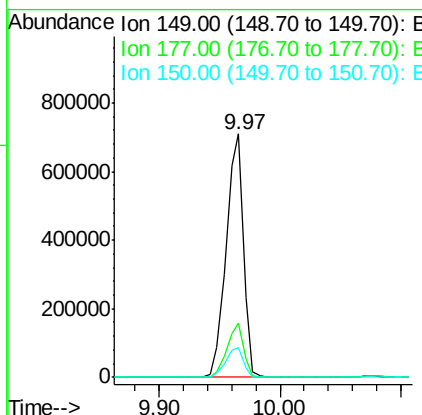
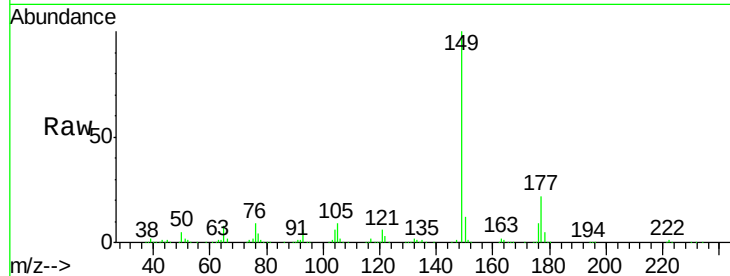
#59
Diethylphthalate
Concen: 43.95 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	703869		
177	22.2		16.7	25.1
150	12.2		10.2	15.2

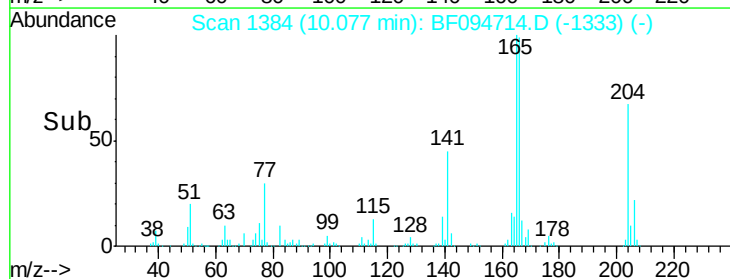
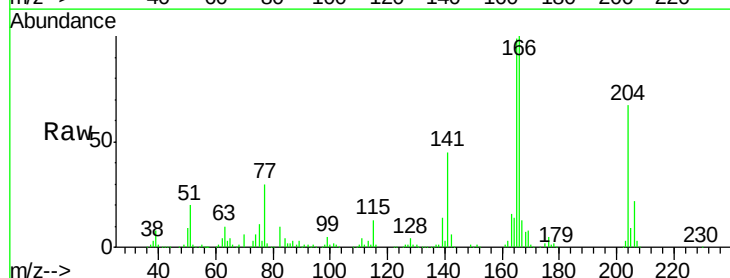
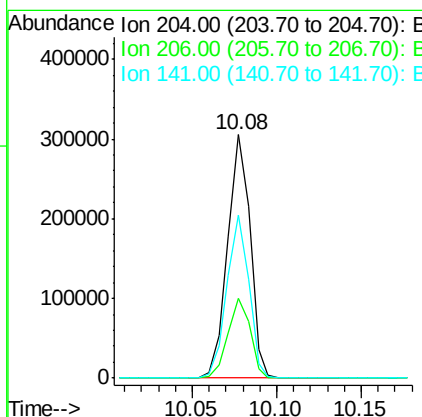
Manual Integrations
APPROVED

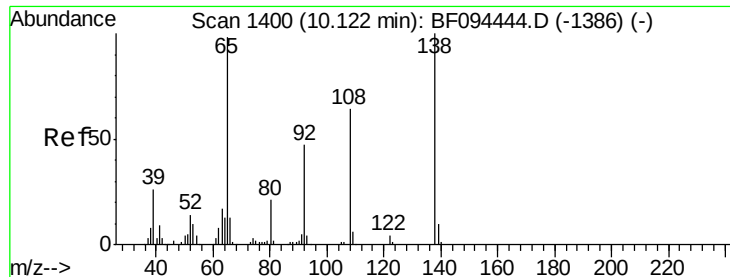
mohammad
5/1/2017 7:50:49 PM



#60
4-Chlorophenyl-phenylether
Concen: 43.46 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	282814		
206	32.6		26.2	39.2
141	66.8		60.8	91.2





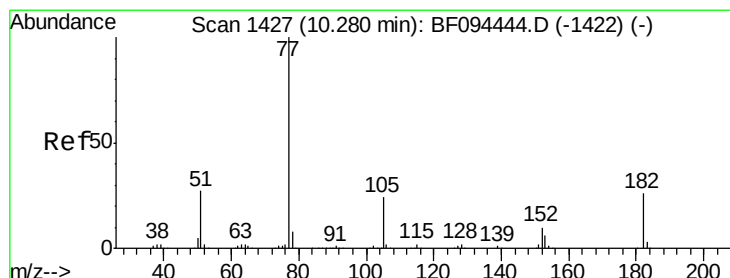
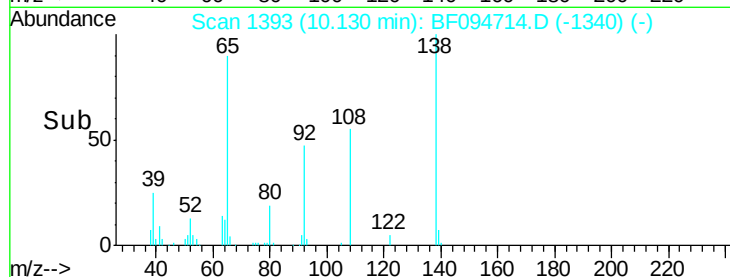
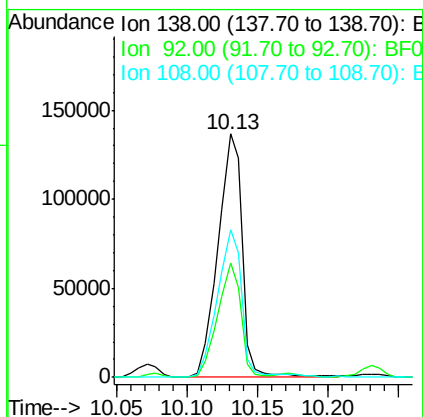
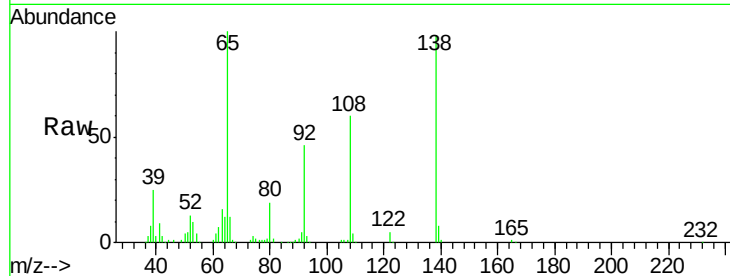
#61
4-Nitroaniline
Concen: 36.59 ng
RT: 10.13 min Scan# 1393
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	46.8	21.8	61.8
108	60.7	42.3	82.3

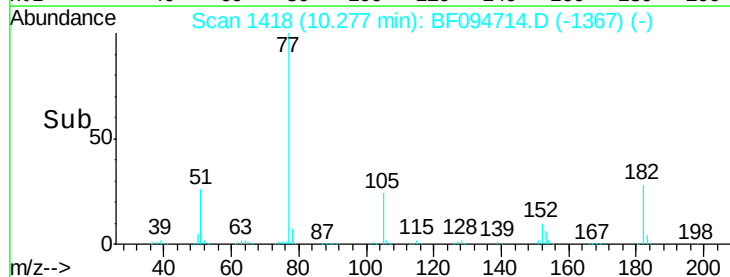
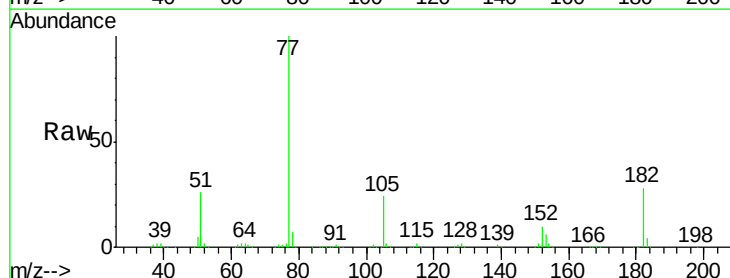
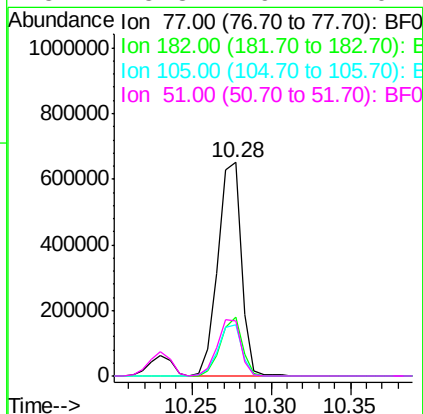
Manual Integrations
APPROVED

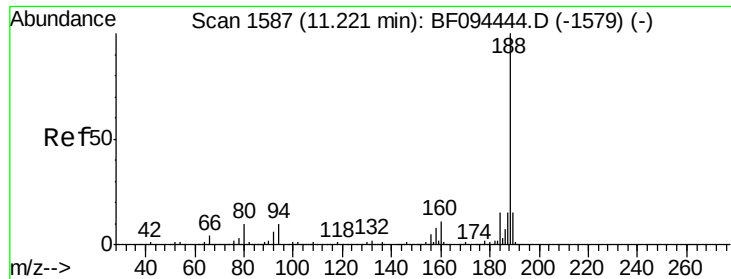
mohammad
5/1/2017 7:50:49 PM



#62
Azobenzene
Concen: 42.92 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.6	0.1	40.1
105	24.3	3.6	43.6
51	25.8	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: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

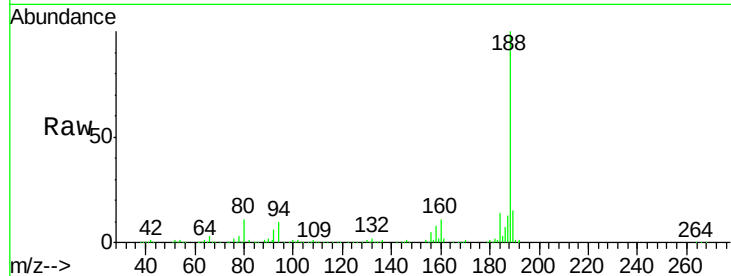
ClientSampleId :

PB98552BSD

Tot Ion:188	Resp:	408372
Ion Ratio	Lower	Upper
188 100		
94 10.4	9.4	14.2
80 10.8	10.2	15.2

Manual Integrations
APPROVED

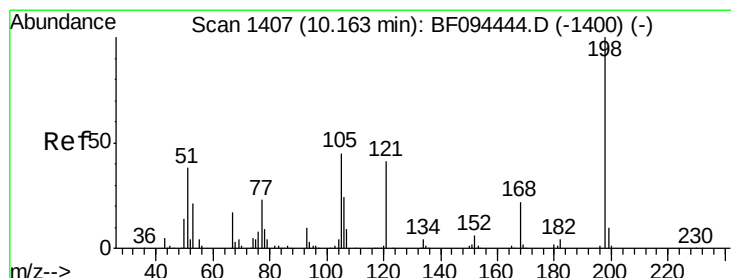
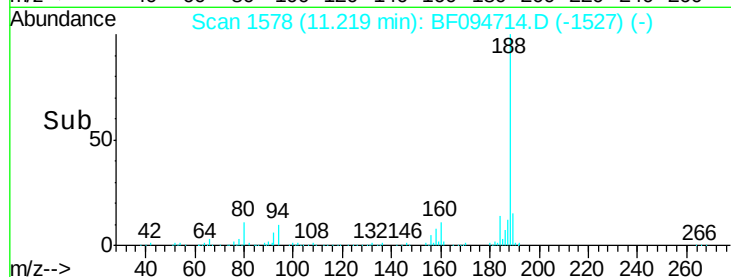
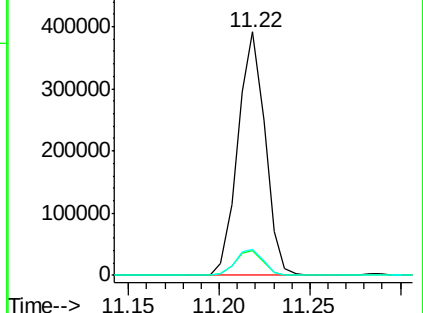
mohammad
5/1/2017 7:50:49 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 29.60 ng

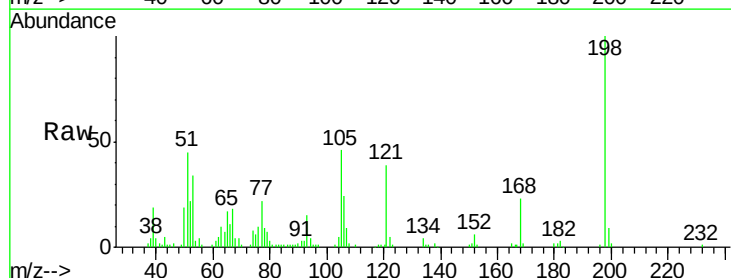
RT: 10.17 min Scan# 1400

Delta R.T. 0.01 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

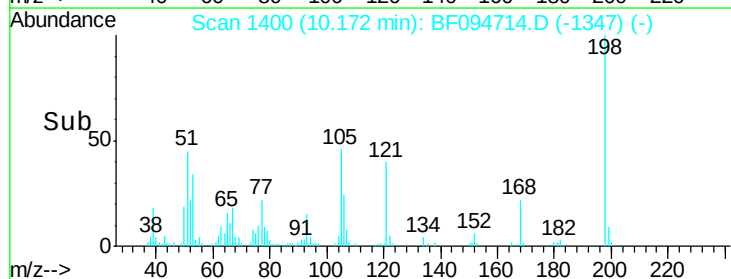
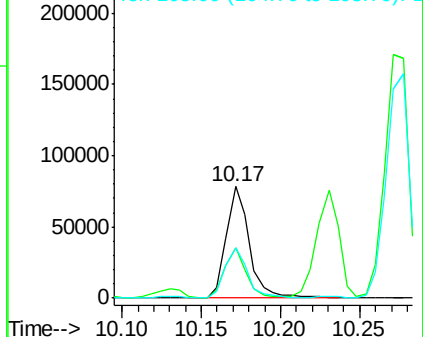
Tgt Ion:198	Resp:	79189
Ion Ratio	Lower	Upper
198 100		
51 44.8	53.2	93.2#
105 45.6	45.8	85.8#

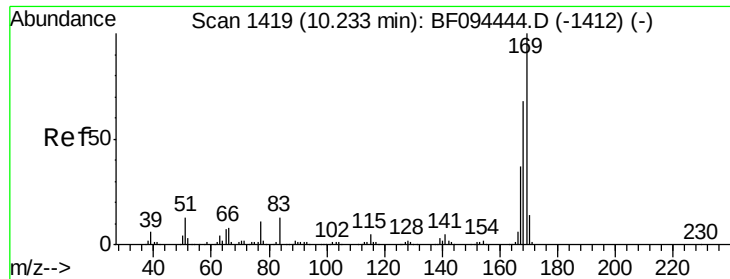


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





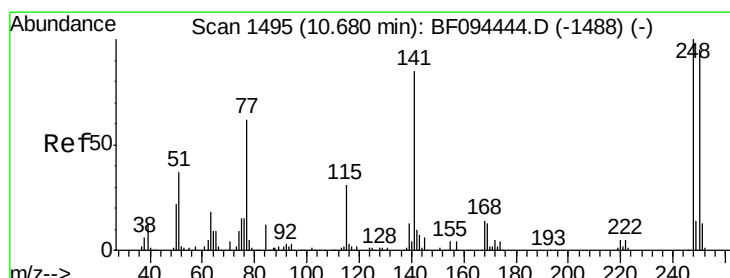
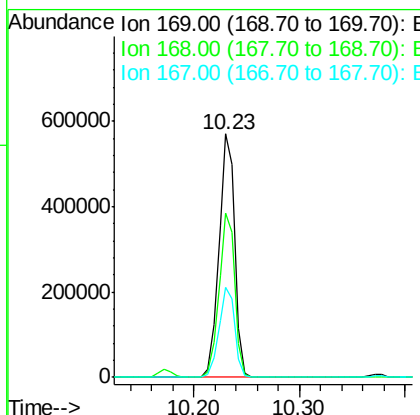
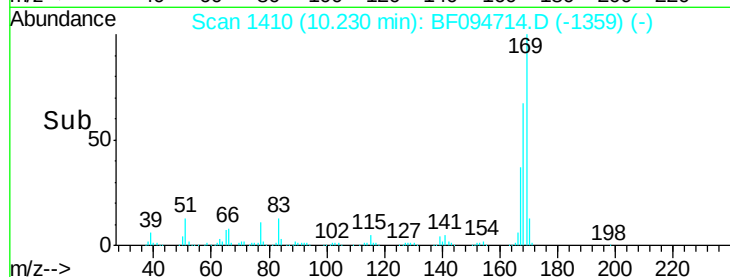
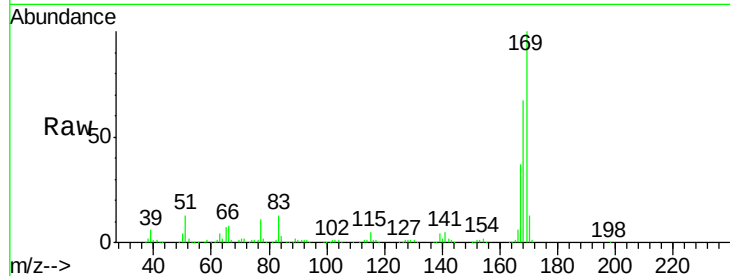
#65
 n-Nitrosodiphenylamine
 Concen: 42.39 ng
 RT: 10.23 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.2	79.8
167	37.2	29.5	44.3

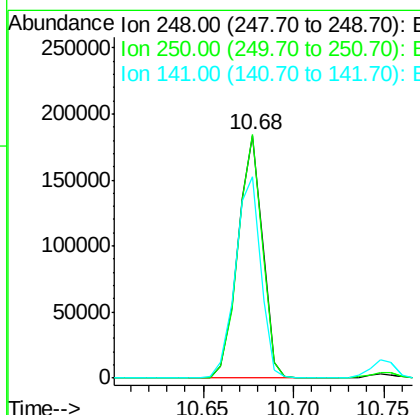
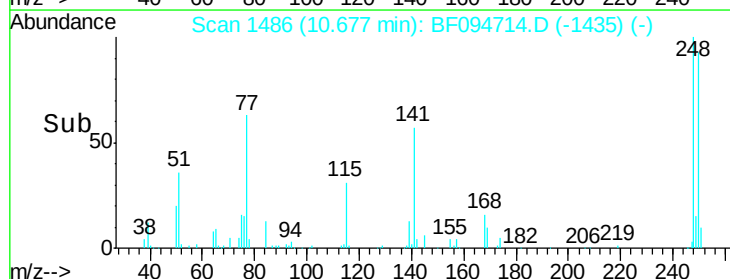
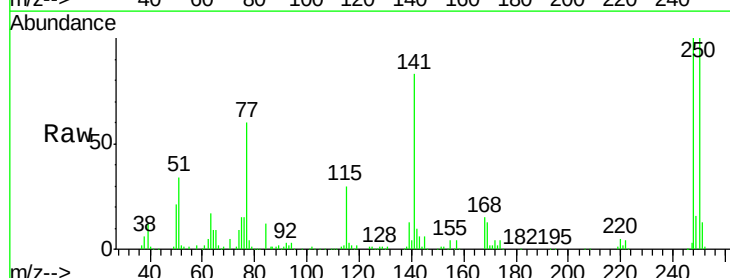
Manual Integrations
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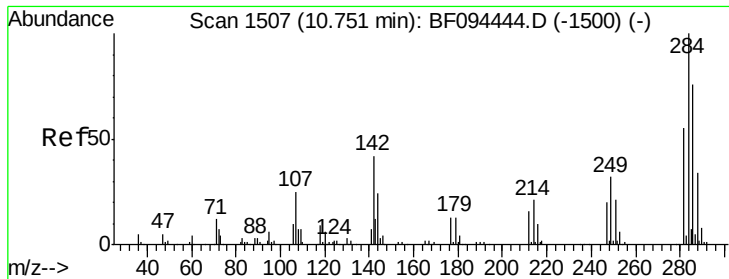
mohammad
 5/1/2017 7:50:49 PM



#66
 4-Bromophenyl-phenylether
 Concen: 42.77 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.3	76.8	115.2
141	82.8	68.6	103.0





#67

Hexachlorobenzene

Concen: 43.43 ng

RT: 10.75 min Scan# 1499

Delta R.T. 0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

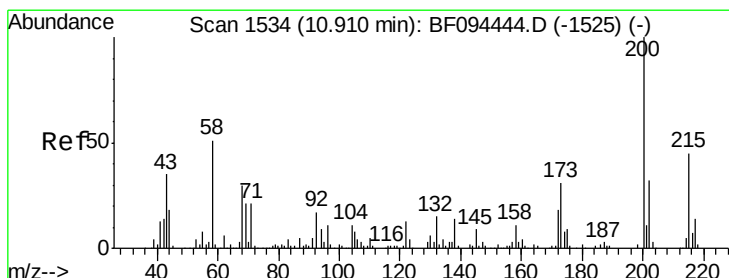
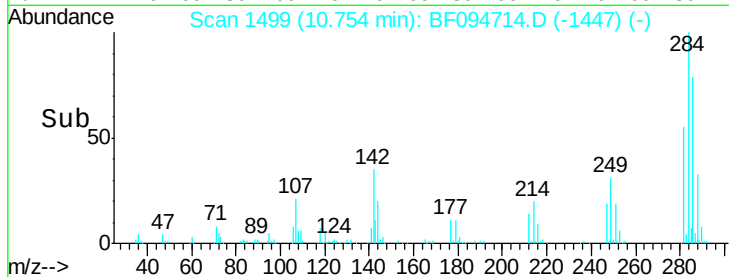
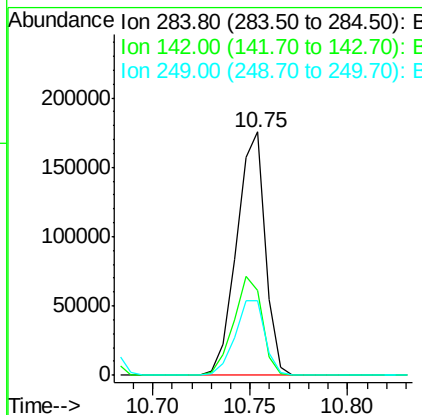
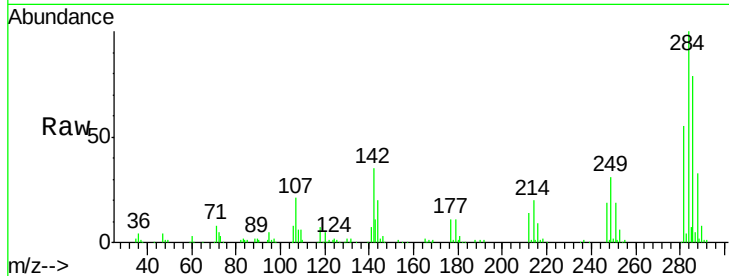
ClientSampleId :

PB98552BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	177496		
142	35.0	22.8	34.2#	
249	30.9	24.0	36.0	

Manual Integrations
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#68

Atrazine

Concen: 38.03 ng

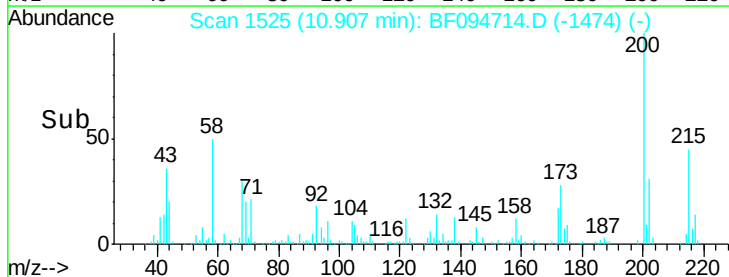
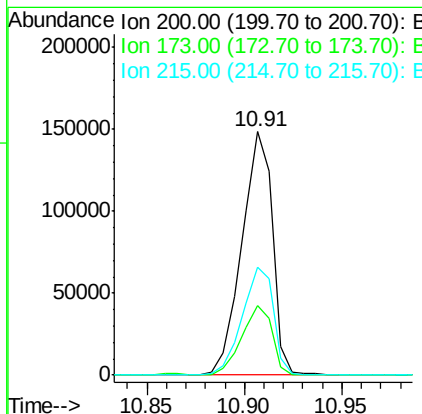
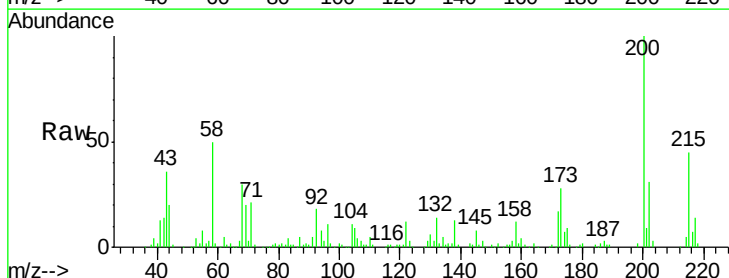
RT: 10.91 min Scan# 1525

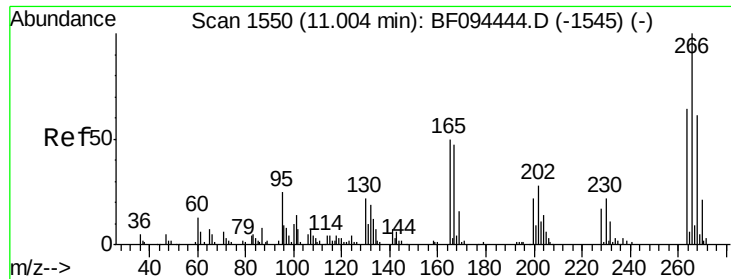
Delta R.T. -0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	161583		
173	28.4	6.3	46.3	
215	44.6	27.2	67.2	





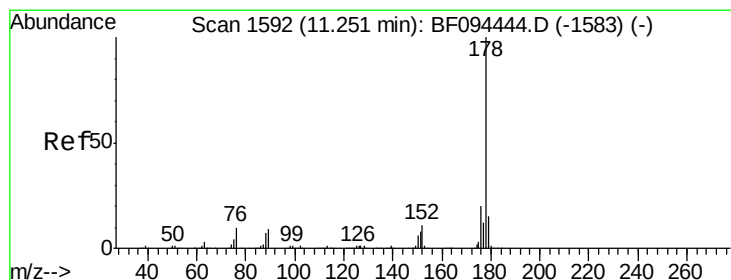
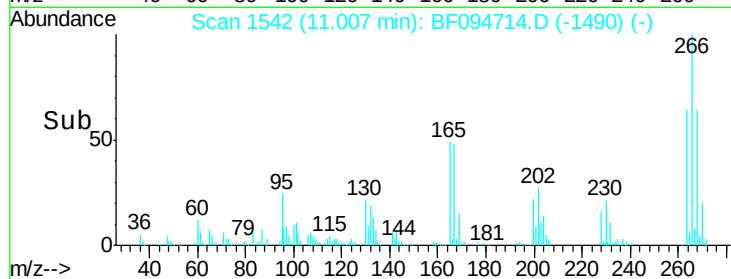
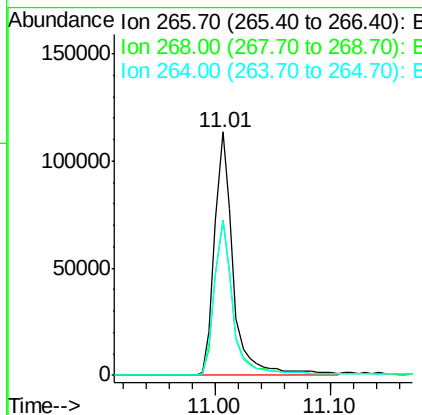
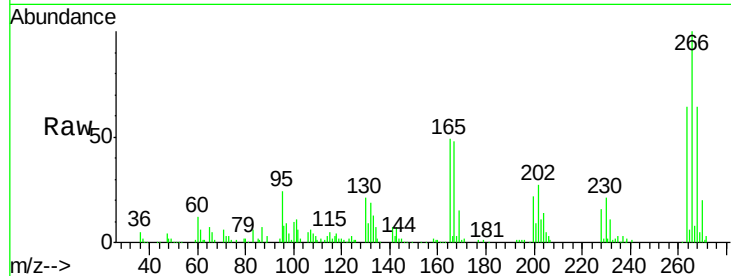
#69
 Pentachlorophenol
 Concen: 79.03 ng
 RT: 11.01 min Scan# 1542
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	128231		
268	64.0	51.1	76.7	
264	63.9	51.7	77.5	

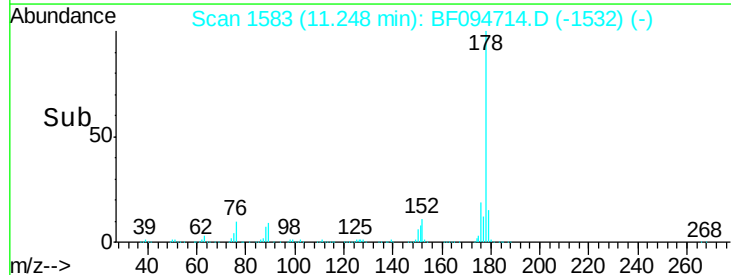
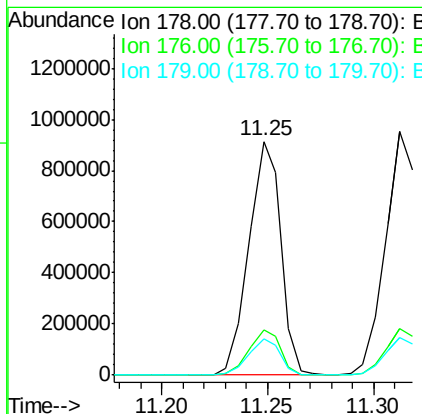
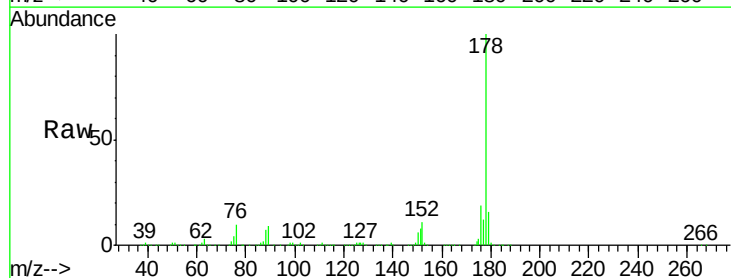
Manual Integrations
 APPROVED

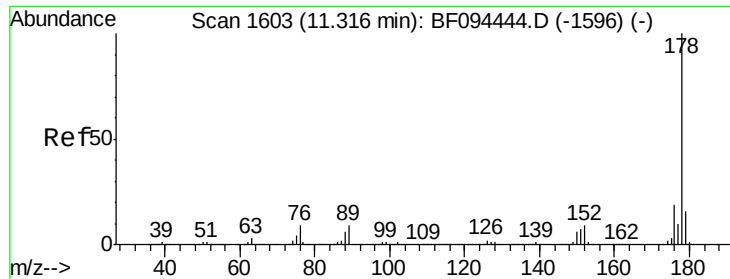
mohammad
 5/1/2017 7:50:49 PM



#70
 Phenanthrene
 Concen: 41.96 ng
 RT: 11.25 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	964923		
176	19.5	16.2	24.4	
179	15.5	12.6	19.0	





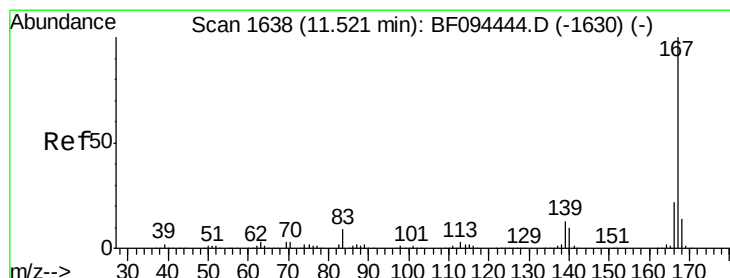
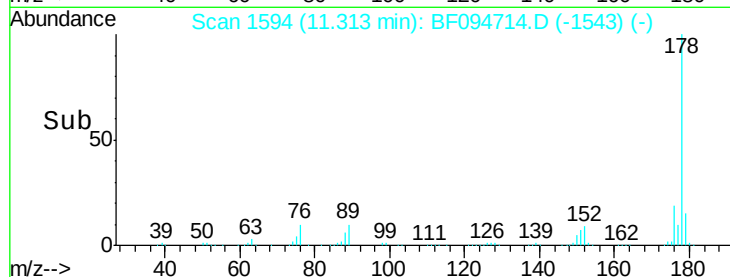
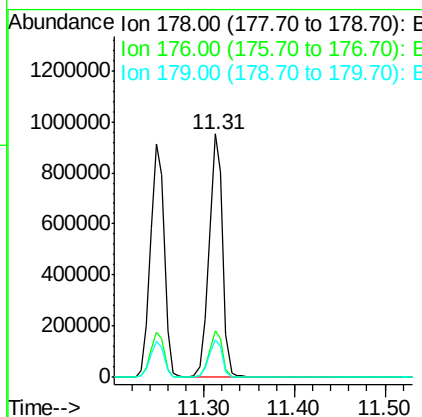
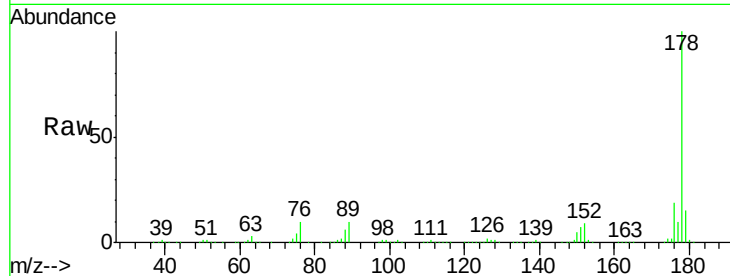
#71
 Anthracene
 Concen: 42.06 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion:178 Resp: 1000471
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 15.5 12.7 19.1

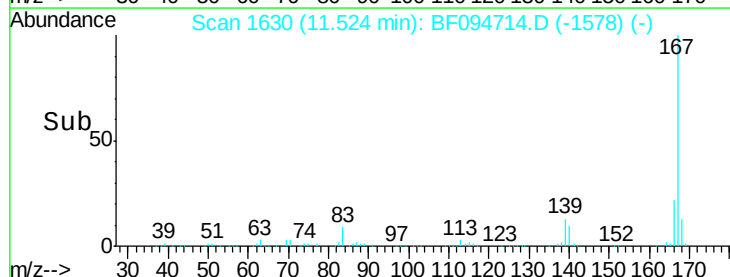
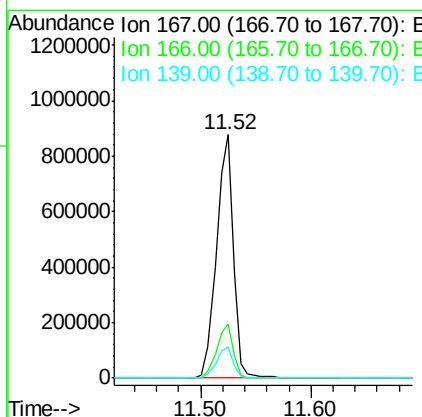
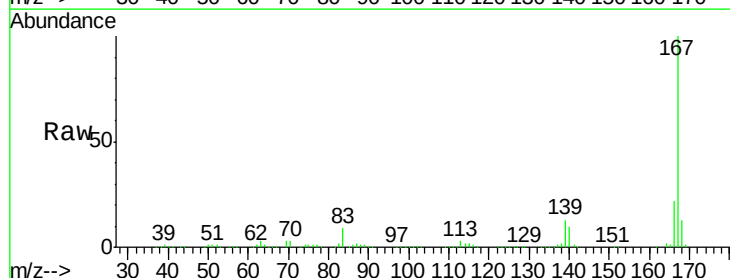
Manual Integrations
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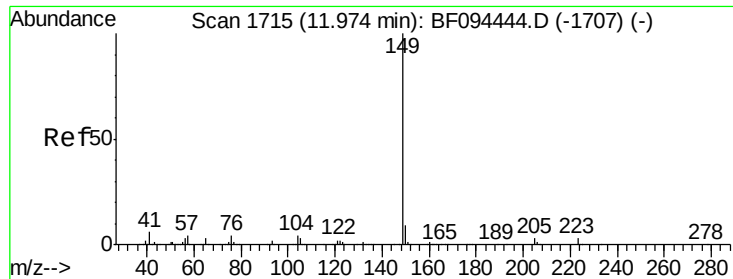
mohammad
 5/1/2017 7:50:49 PM



#72
 Carbazole
 Concen: 41.36 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion:167 Resp: 923356
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.54 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

ClientSampleId :

PB98552BSD

Tot Ion:149 Resp: 1144161

Ion Ratio Lower Upper

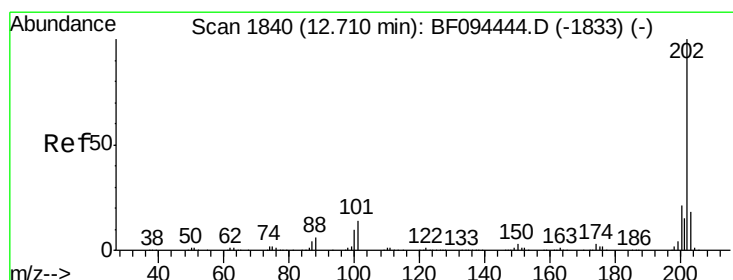
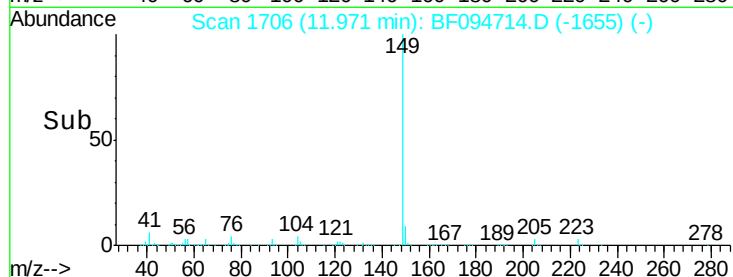
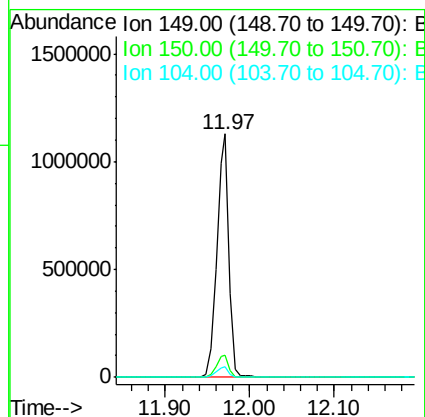
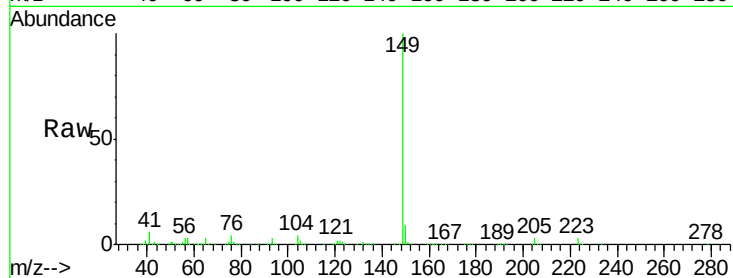
149 100

150 8.9 7.7 11.5

104 4.4 4.0 6.0

Manual Integrations
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#74

Fluoranthene

Concen: 42.26 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

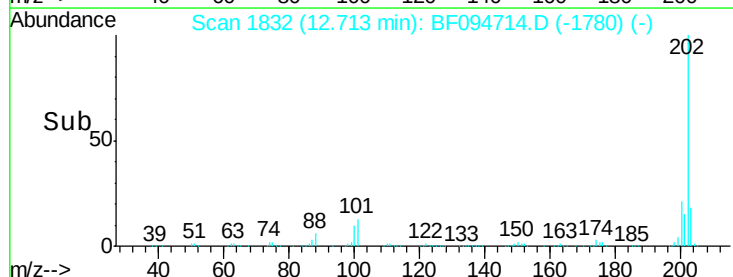
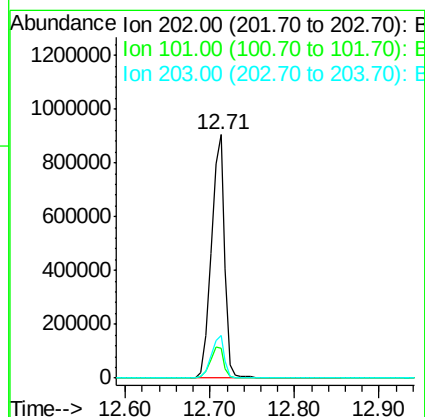
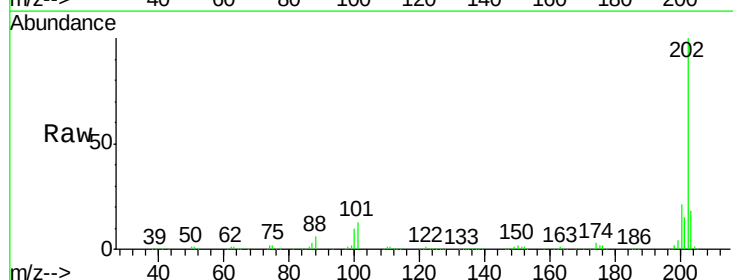
Tgt Ion:202 Resp: 1007222

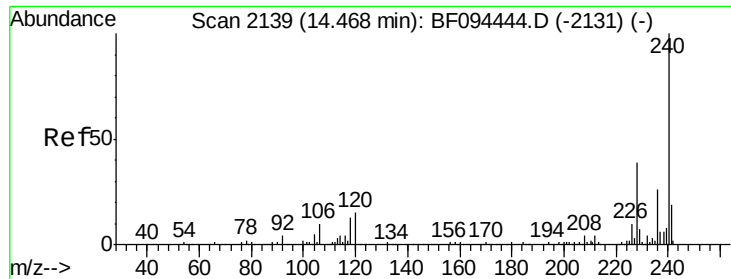
Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

203 17.7 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: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

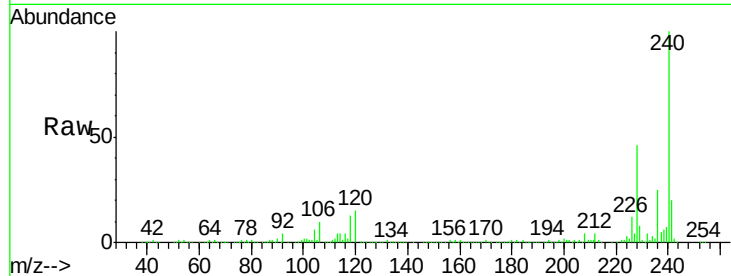
ClientSampleId :

PB98552BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.7	5.8	8.8#
236	25.3	20.5	30.7

Manual Integrations
APPROVED

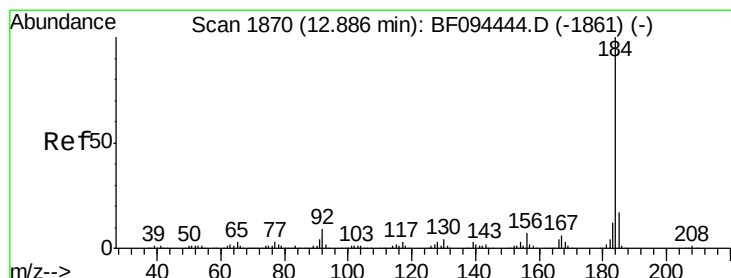
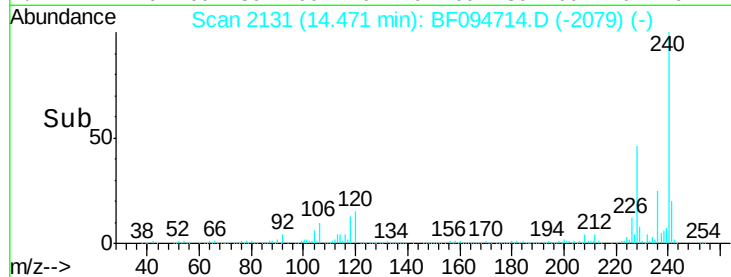
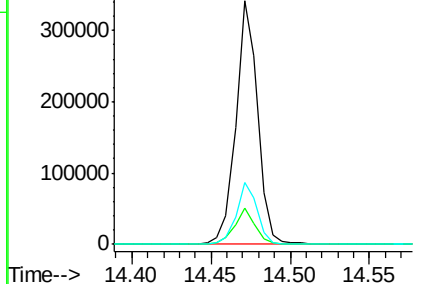
mohammad
5/1/2017 7:50:49 PM



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.92 ng

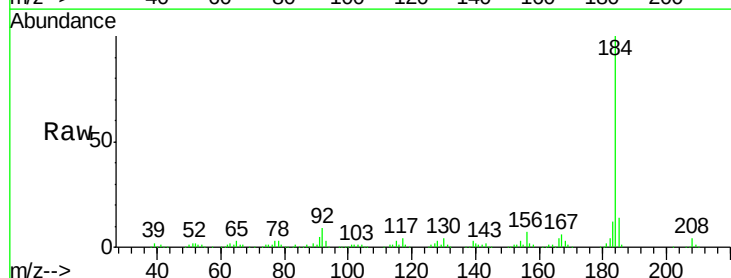
RT: 12.88 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

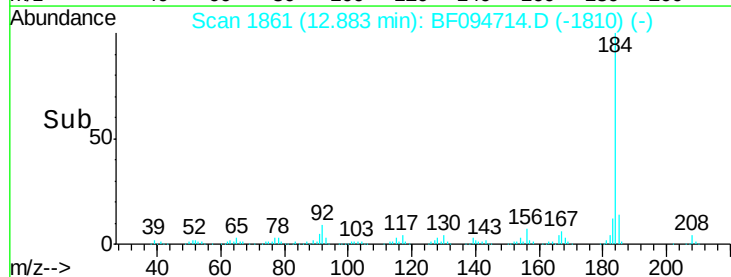
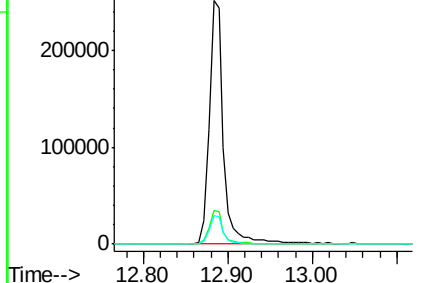
Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	15.5	23.3#
183	12.0	9.8	14.6

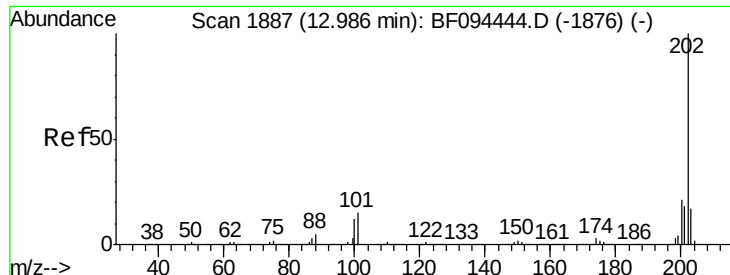


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





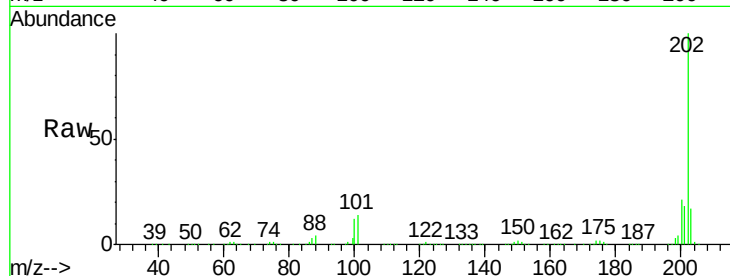
#77
Pvrene
Concen: 45.26 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.6	26.4
203	17.2	14.4	21.6

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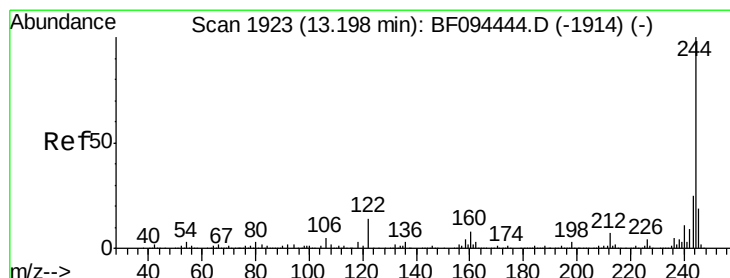
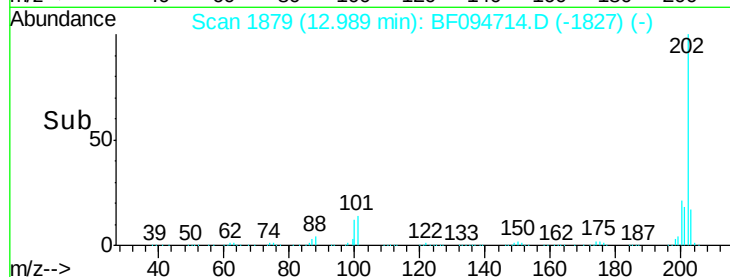
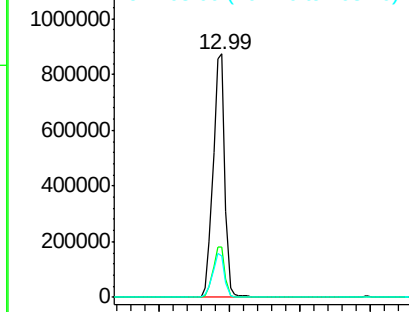


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 95.49 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

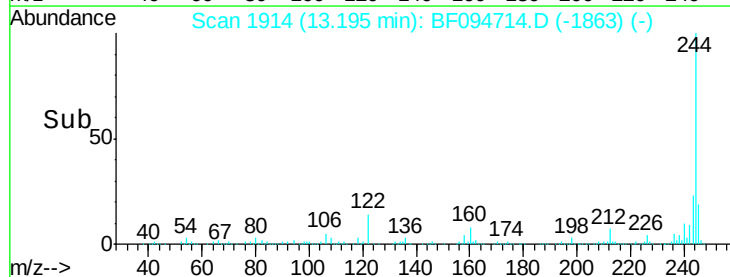
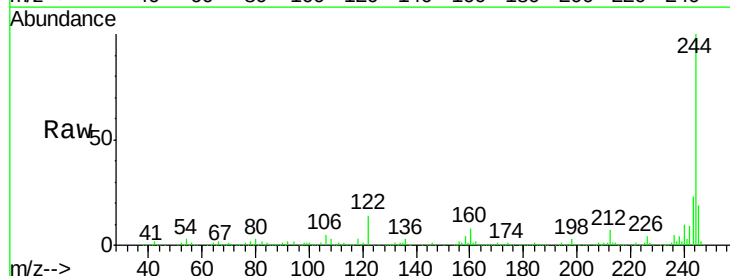
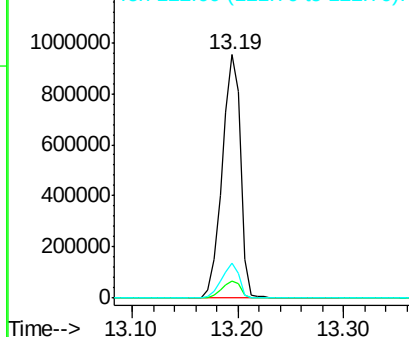
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	14.4	10.3	15.5

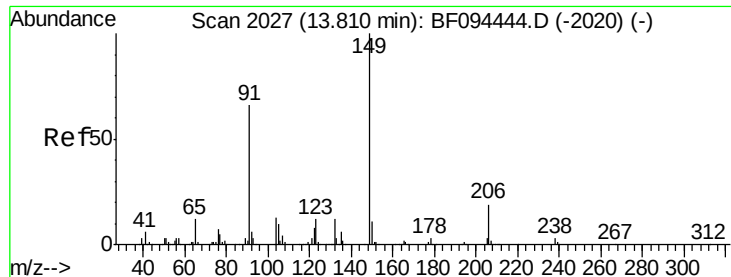
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





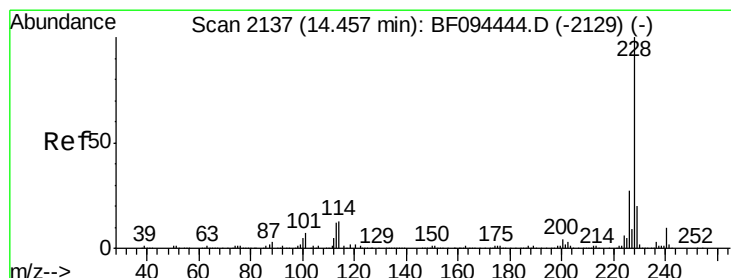
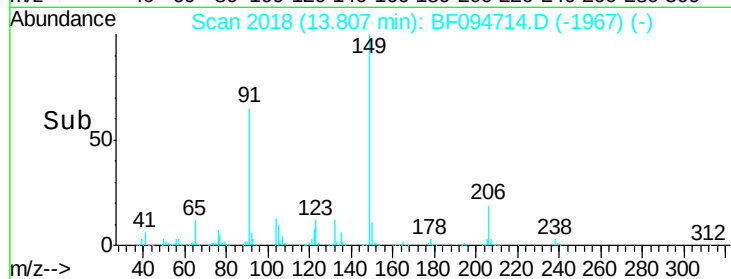
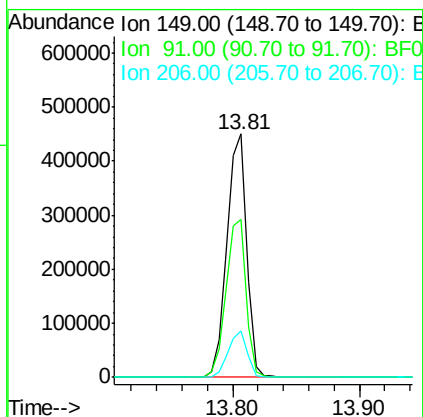
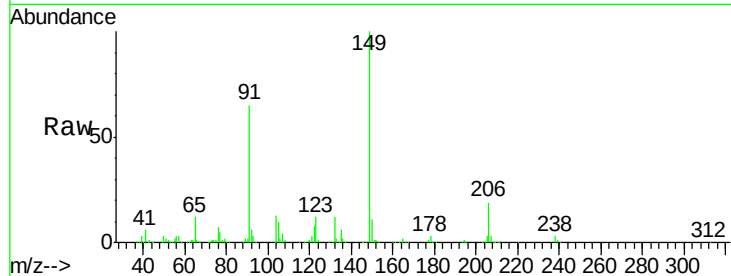
#79
Butylbenzylphthalate
Concen: 48.88 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.7	45.0	67.4
206	18.9	17.0	25.6

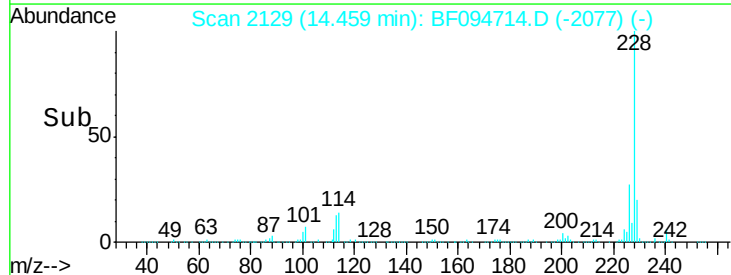
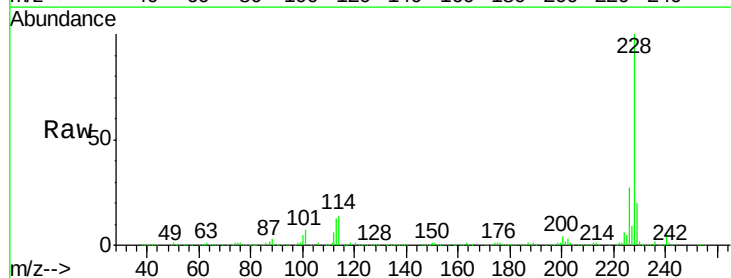
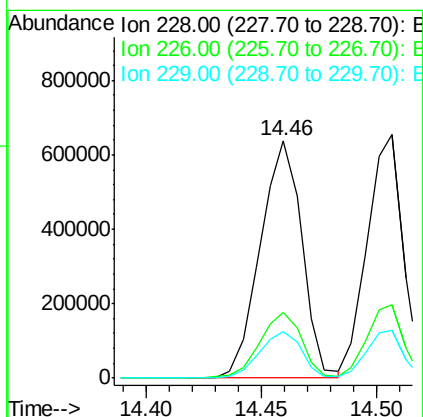
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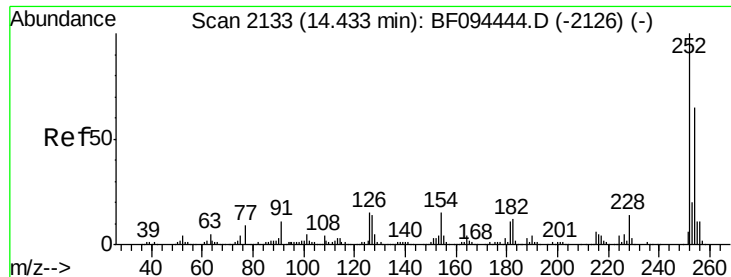
mohammad
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#80
Benzo(a)anthracene
Concen: 42.47 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.6	16.3	24.5





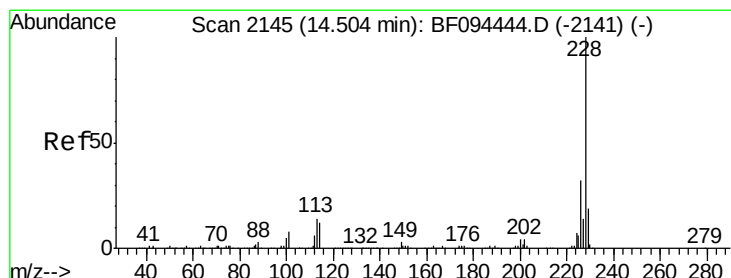
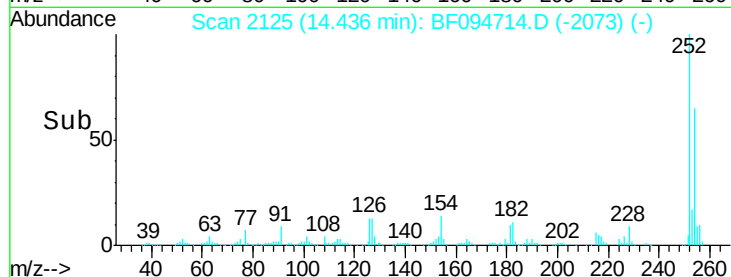
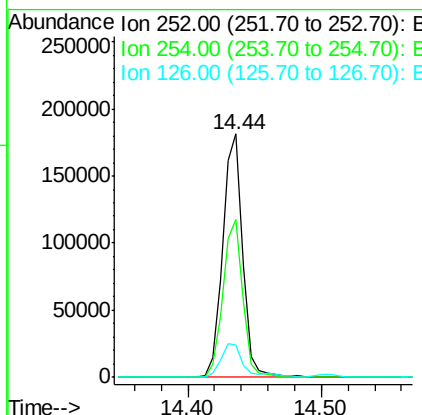
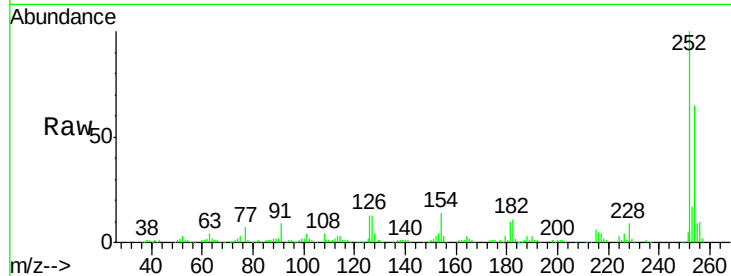
#81
 3,3'-Dichlorobenzidine
 Concen: 28.92 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.7	51.5	77.3
126	13.2	15.8	23.8

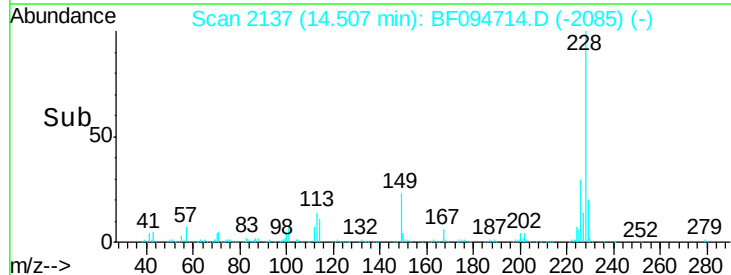
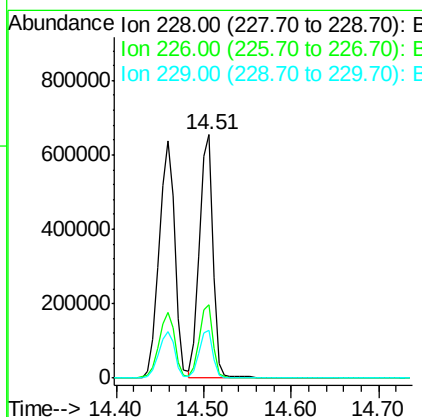
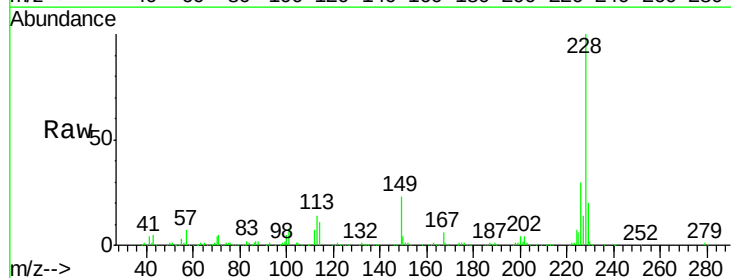
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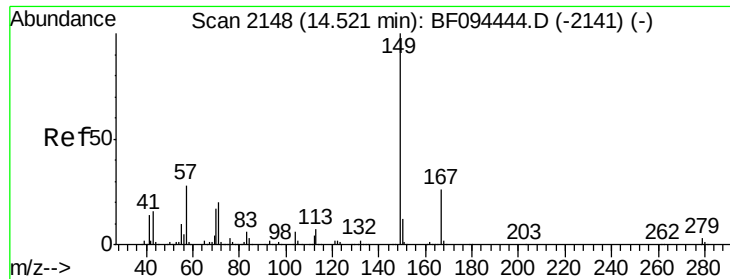
mohammad
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#82
 Chrysene
 Concen: 41.58 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.1	24.9	37.3
229	19.6	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.74 ng

RT: 14.52 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BF094714.D

Acq: 30 Apr 2017 15:04

Instrument :

BNA_F

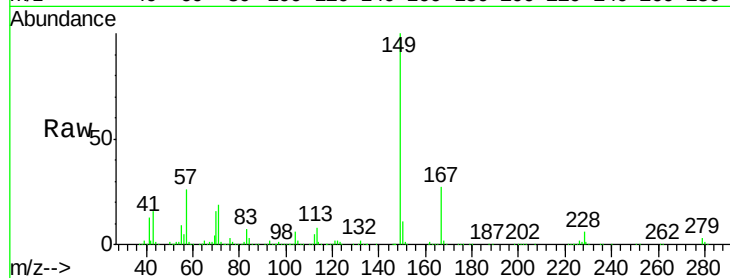
ClientSampleId :

PB98552BSD

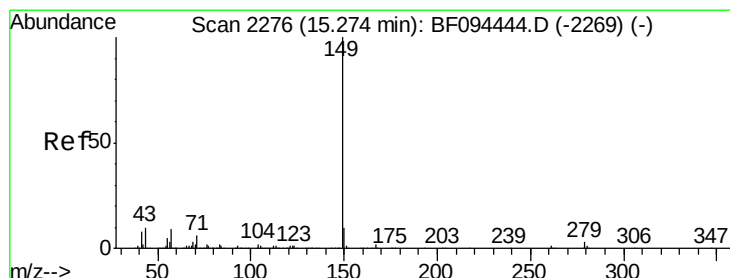
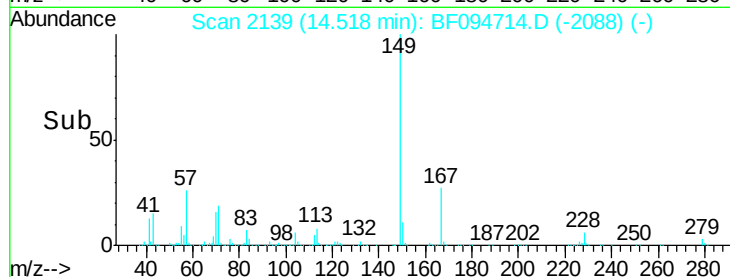
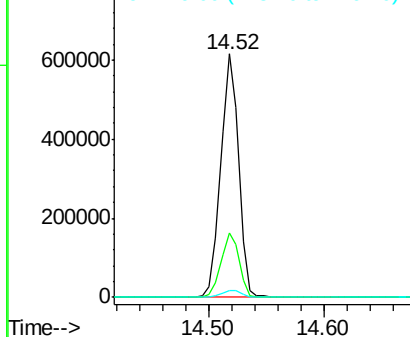
Tot Ion:	149	Resp:	660305
Ion Ratio		Lower	Upper
149	100		
167	26.7	21.0	31.4
279	3.0	1.9	2.9#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.91 ng

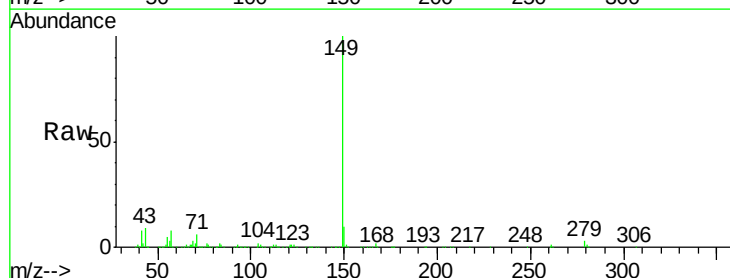
RT: 15.27 min Scan# 2267

Delta R.T. -0.00 min

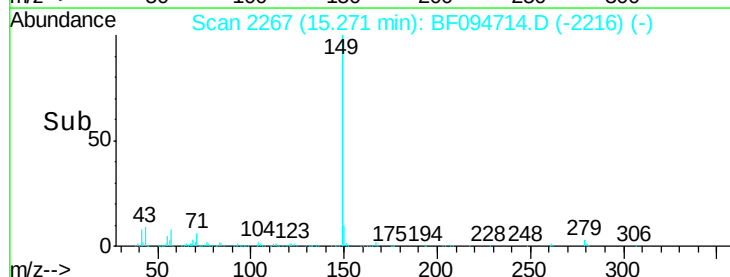
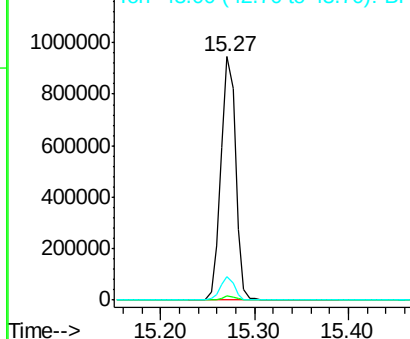
Lab File: BF094714.D

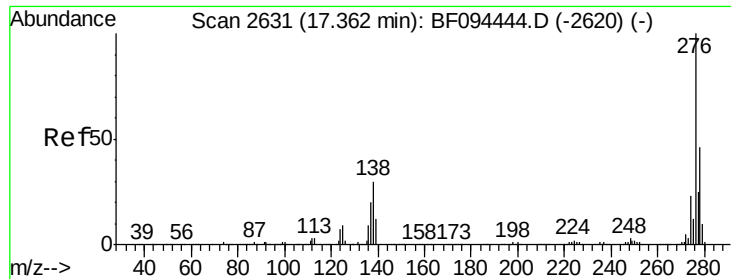
Acq: 30 Apr 2017 15:04

Tgt Ion:	149	Resp:	1044707
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.9	8.5	12.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





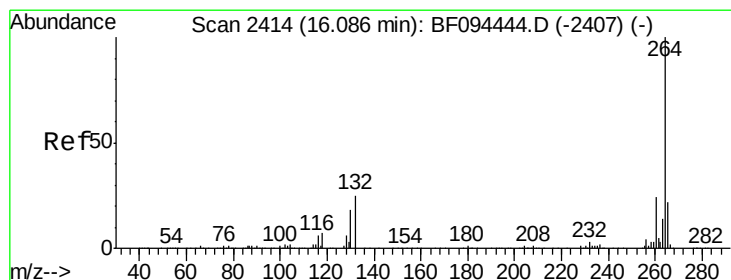
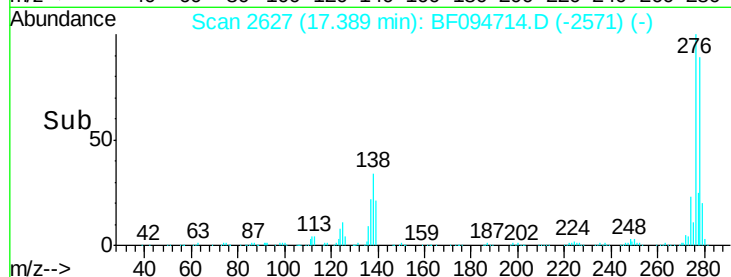
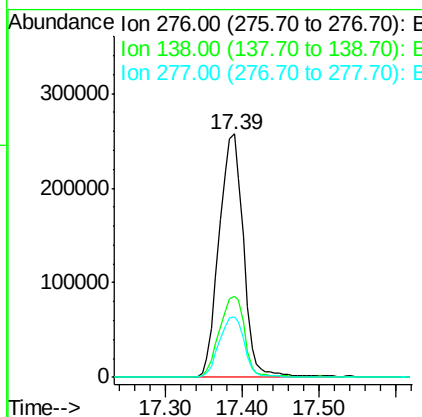
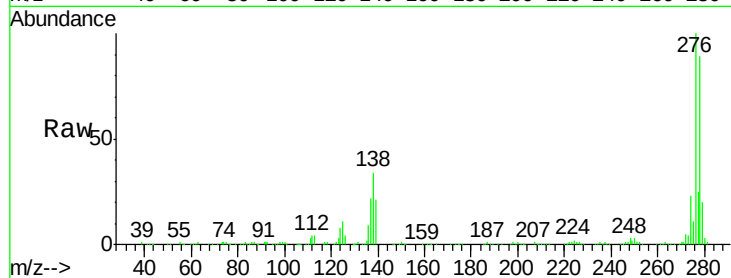
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 34.75 ng
 RT: 17.39 min Scan# 2627
 Delta R.T. 0.03 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.5	20.2	30.4

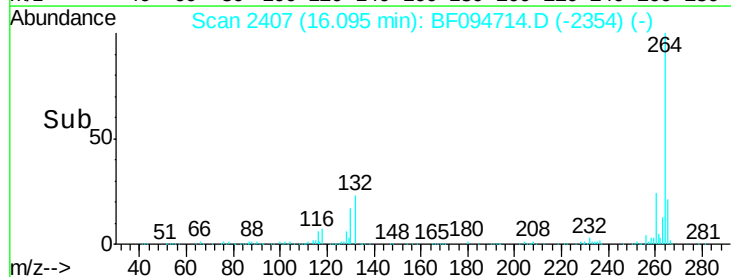
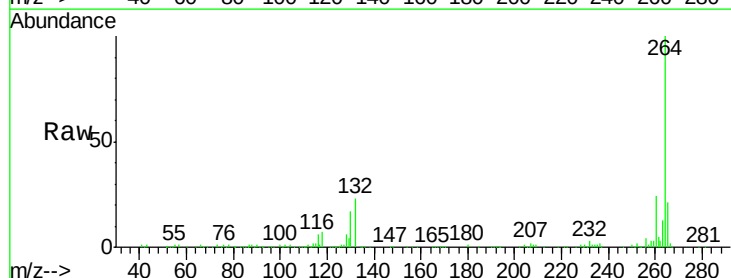
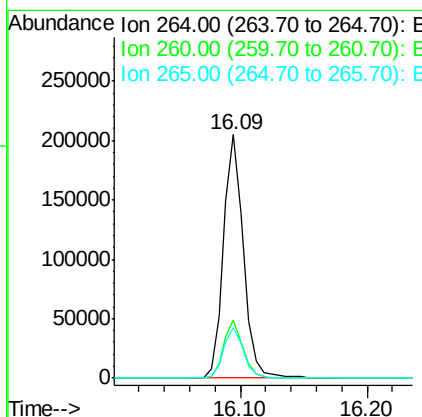
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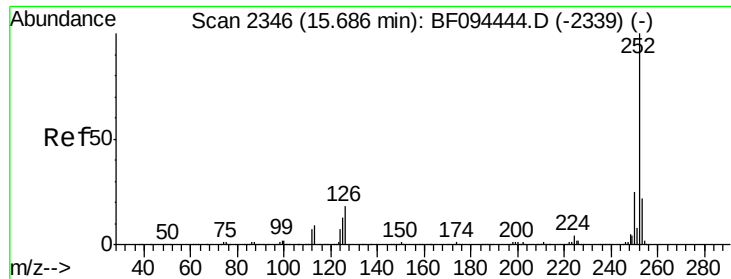
mohammad
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.09 min Scan# 2407
 Delta R.T. 0.01 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	20.8	17.2	25.8





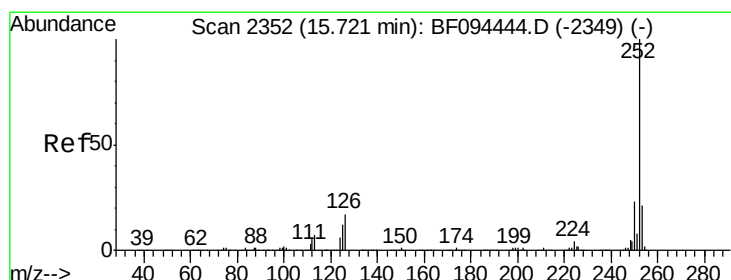
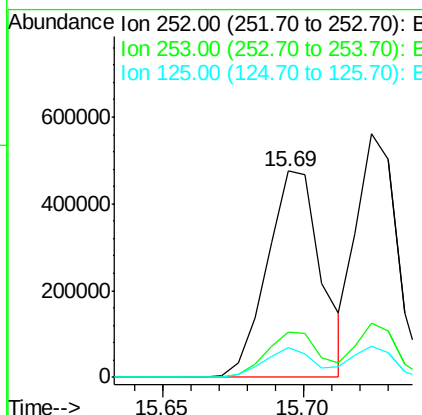
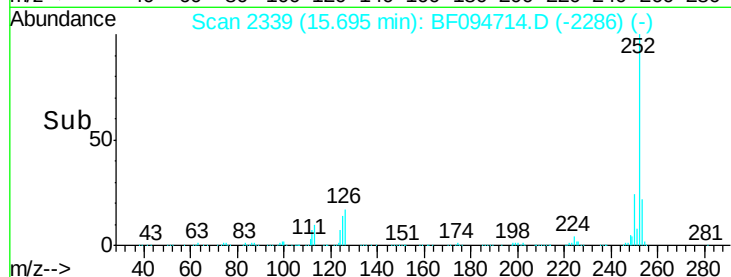
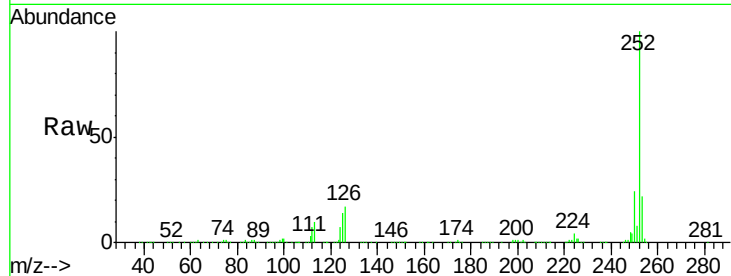
#87
Benzo(b)fluoranthene
Concen: 46.17 ng
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	14.3	9.8	14.8

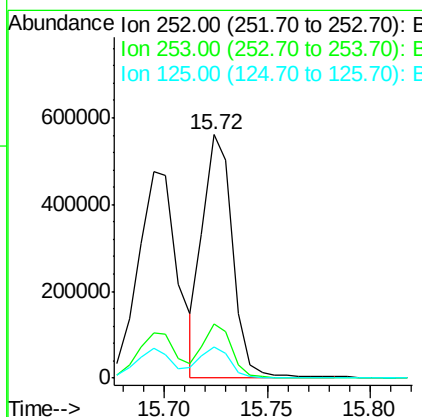
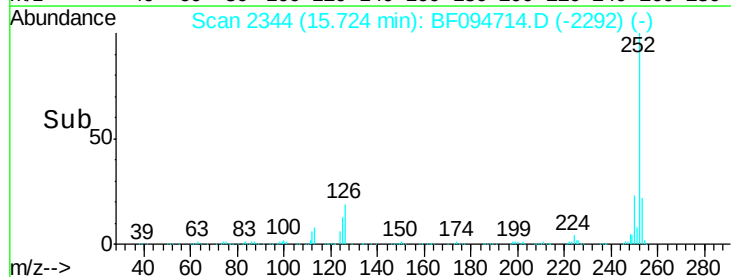
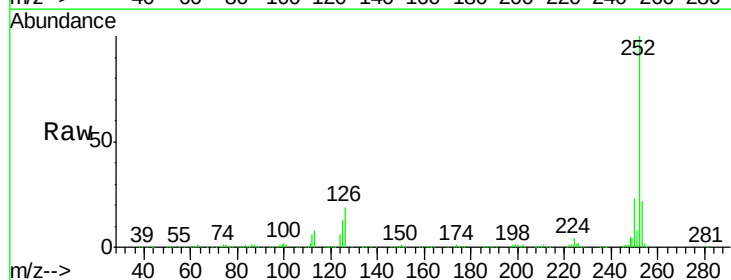
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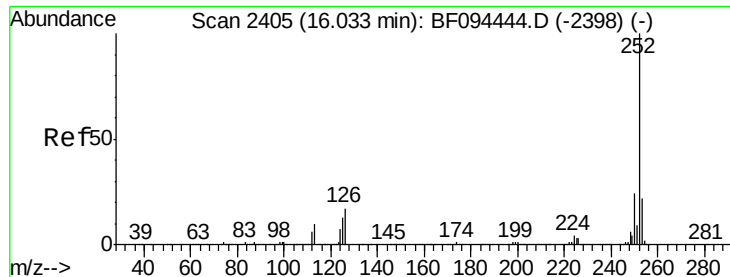
mohammad
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#88
Benzo(k)fluoranthene
Concen: 43.90 ng m
RT: 15.72 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	12.9	13.1	19.7#





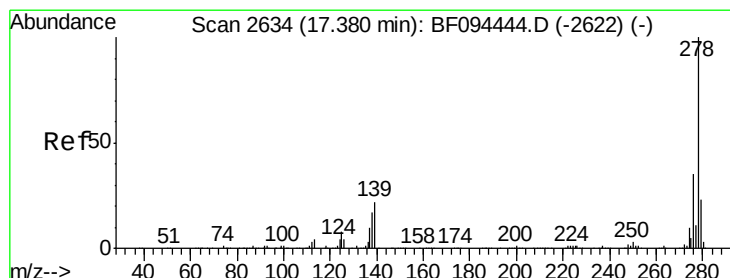
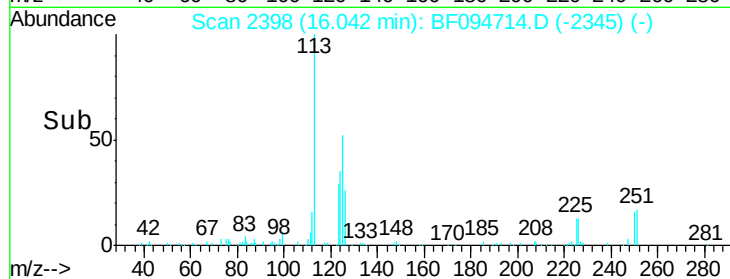
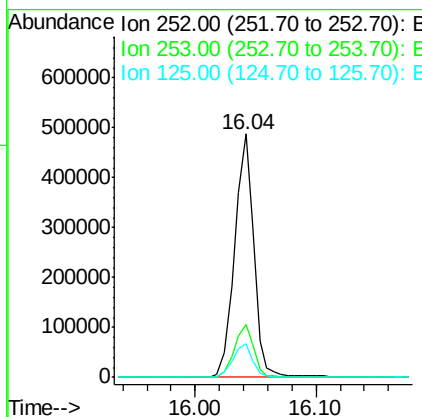
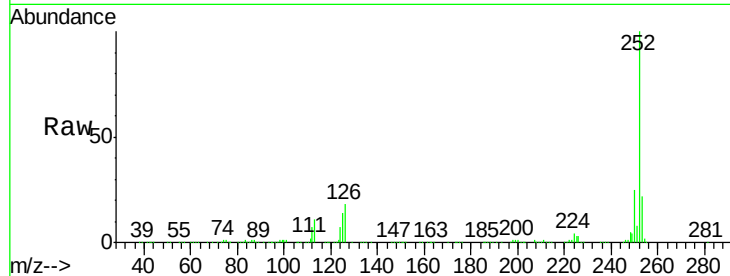
#89
Benzo(a)pyrene
Concen: 42.48 ng
RT: 16.04 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Instrument :
BNA_F
ClientSampleId :
PB98552BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.0	11.0	16.4

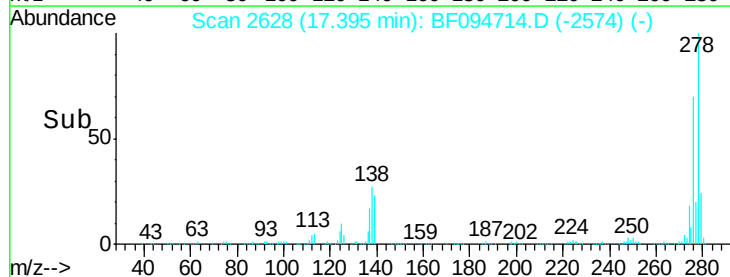
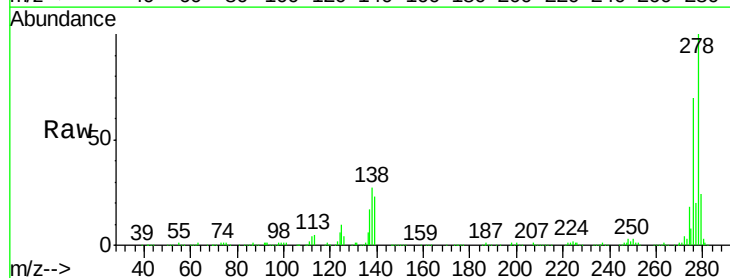
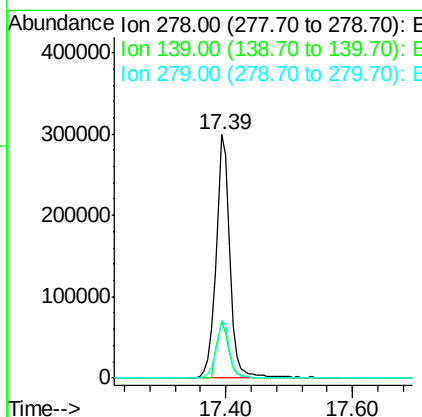
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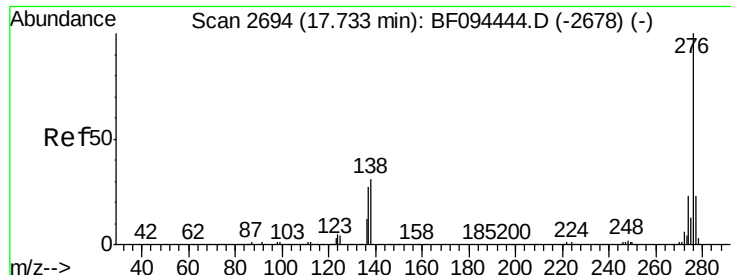
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 44.92 ng
RT: 17.39 min Scan# 2628
Delta R.T. 0.01 min
Lab File: BF094714.D
Acq: 30 Apr 2017 15:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	16.6	24.8
279	24.0	19.3	28.9





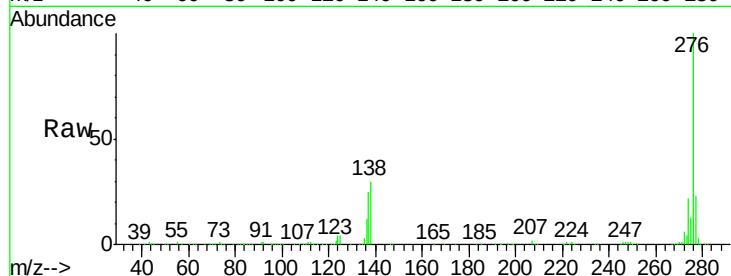
#91
 Benzo(a,h,i)perylene
 Concen: 44.37 ng
 RT: 17.76 min Scan# 2690
 Delta R.T. 0.03 min
 Lab File: BF094714.D
 Acq: 30 Apr 2017 15:04

Instrument :
 BNA_F
 ClientSampleId :
 PB98552BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	29.8	25.4	38.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

