

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
 Data File : BF094710.D
 Acq On : 30 Apr 2017 13:16
 Operator : SJ/MA
 Sample : PB98571BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

Manual Integrations
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mohammad
 5/1/2017 7:50:44 PM

Quant Time: May 01 16:24:26 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	117235	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	476996	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	226847	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	415882	20.00	ng	0.00
75) Chrysene-d12	14.47	240	314298	20.00	ng	0.00
86) Perylene-d12	16.09	264	215848	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.33	112	862696	122.09	ng	0.03
7) Phenol-d6	5.40	99	1031971	123.88	ng	0.00
23) Nitrobenzene-d5	6.42	82	636646	82.42	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	239904	135.21	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1259719	81.71	ng	0.00
78) Terphenyl-d14	13.19	244	1144456	97.33	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	101581	24.72	ng	98
3) Pyridine	2.69	79	290703	32.37	ng	98
4) n-Nitrosodimethylamine	2.64	42	134459	36.18	ng	84
6) Aniline	5.40	93	328797	29.70	ng	# 83
8) 2-Chlorophenol	5.54	128	332116	41.30	ng	97
9) Benzaldehyde	5.28	77	62460	9.86	ng	98
10) Phenol	5.42	94	401861	39.27	ng	92
11) bis(2-Chloroethyl)ether	5.48	93	296832	39.70	ng	97
12) 1,3-Dichlorobenzene	5.70	146	345809	38.82	ng	98
13) 1,4-Dichlorobenzene	5.79	146	351383	39.20	ng	97
14) 1,2-Dichlorobenzene	5.97	146	325237	39.39	ng	95
15) Benzyl Alcohol	5.95	79	247824	40.10	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	385127	39.29	ng	66
17) 2-Methylphenol	6.09	107	266101	42.02	ng	93
18) Hexachloroethane	6.35	117	119735	38.97	ng	88
19) n-Nitroso-di-n-propylamine	6.26	70	229388	41.56	ng	94
20) 3+4-Methylphenols	6.28	107	369752	42.97	ng	# 63
22) Acetophenone	6.25	105	465144	40.11	ng	# 84
24) Nitrobenzene	6.44	77	327468	40.25	ng	94
25) Isophorone	6.73	82	599211	41.84	ng	96
26) 2-Nitrophenol	6.81	139	185516	42.45	ng	97
27) 2,4-Dimethylphenol	6.89	122	303095	42.70	ng	99
28) bis(2-Chloroethoxy)methane	6.99	93	379735	41.00	ng	100
29) 2,4-Dichlorophenol	7.12	162	294290	44.56	ng	99
30) 1,2,4-Trichlorobenzene	7.20	180	275246	40.31	ng	99
31) Naphthalene	7.29	128	928421	40.49	ng	100
32) Benzoic acid	7.04	122	46406	12.36	ng	96
33) 4-Chloroaniline	7.37	127	98336	10.31	ng	# 93
34) Hexachlorobutadiene	7.44	225	139932	41.11	ng	98
35) Caprolactam	7.84	113	100475m	48.43	ng	
36) 4-Chloro-3-methylphenol	8.00	107	310895	44.92	ng	89
37) 2-Methylnaphthalene	8.13	142	662716	42.24	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	258951	40.09	ng	100
40) Hexachlorocyclopentadiene	8.32	237	213261	81.61	ng	99

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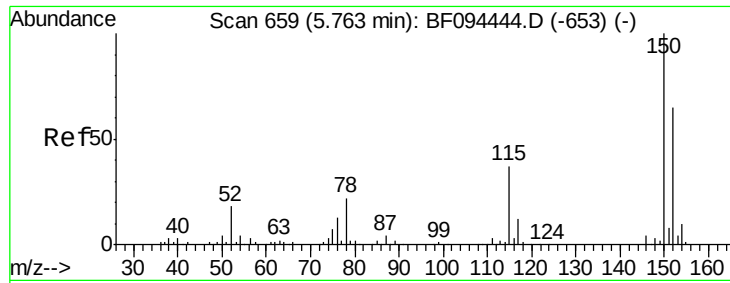
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Quant Time: May 01 16:24:26 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	193135	42.58	nq	99
43) 2,4,5-Trichlorophenol	8.55	196	205609	44.14	nq	95
45) 1,1'-Biphenyl	8.70	154	757358	40.86	nq	98
46) 2-Chloronaphthalene	8.72	162	606294	41.14	nq	94
47) 2-Nitroaniline	8.86	65	178243	42.04	nq	87
48) Acenaphthylene	9.22	152	961211	41.84	nq	99
49) Dimethylphthalate	9.10	163	762141	45.08	nq	99
50) 2,6-Dinitrotoluene	9.17	165	167824	44.23	nq	99
51) Acenaphthene	9.44	154	573443	41.67	nq	99
52) 3-Nitroaniline	9.37	138	92107	20.98	nq	87
53) 2,4-Dinitrophenol	9.52	184	60837	33.18	nq	# 66
54) Dibenzofuran	9.65	168	857785	42.89	nq	97
55) 4-Nitrophenol	9.64	139	224039m	72.23	nq	
56) 2,4-Dinitrotoluene	9.67	165	225613	48.46	nq	93
57) Fluorene	10.07	166	666758	42.81	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	148827	44.57	nq	# 94
59) Diethylphthalate	9.97	149	719788	45.12	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	287100	44.30	nq	95
61) 4-Nitroaniline	10.14	138	168672	37.79	nq	96
62) Azobenzene	10.28	77	678098	43.78	nq	93
64) 4,6-Dinitro-2-methylphenol	10.17	198	66551	24.42	nq	# 76
65) n-Nitrosodiphenylamine	10.24	169	616535	42.63	nq	99
66) 4-Bromophenyl-phenylether	10.68	248	179804	43.54	nq	98
67) Hexachlorobenzene	10.75	284	180190	43.30	nq	# 91
68) Atrazine	10.91	200	187416	43.31	nq	97
69) Pentachlorophenol	11.01	266	119281	72.18	nq	98
70) Phenanthrene	11.25	178	974908	41.63	nq	98
71) Anthracene	11.31	178	1020387	42.12	nq	98
72) Carbazole	11.52	167	935183	41.13	nq	97
73) Di-n-butylphthalate	11.97	149	1165248	46.55	nq	99
74) Fluoranthene	12.71	202	1019926	42.02	nq	99
76) Benzidine	12.89	184	362476	28.48	nq	# 92
77) Pyrene	12.99	202	1030844	46.95	nq	99
79) Butylbenzylphthalate	13.81	149	481921	50.08	nq	89
80) Benzo(a)anthracene	14.46	228	798487	43.71	nq	98
81) 3,3'-Dichlorobenzidine	14.44	252	159285	24.63	nq	# 96
82) Chrysene	14.51	228	702568	42.08	nq	99
83) Bis(2-ethylhexyl)phthalate	14.52	149	656836	50.84	nq	# 98
84) Di-n-octyl phthalate	15.27	149	1036269	47.81	nq	97
85) Indeno(1,2,3-cd)pyrene	17.39	276	557982	35.13	nq	100
87) Benzo(b)fluoranthene	15.69	252	618013	46.80	nq	98
88) Benzo(k)fluoranthene	15.72	252	554191	44.35	nq	96
89) Benzo(a)pyrene	16.04	252	538997	43.88	nq	99
90) Dibenzo(a,h)anthracene	17.40	278	466945	45.78	nq	99
91) Benzo(g,h,i)perylene	17.76	276	472832	45.53	nq	97

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



#1

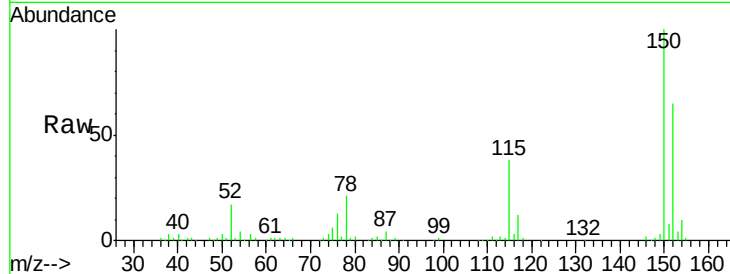
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

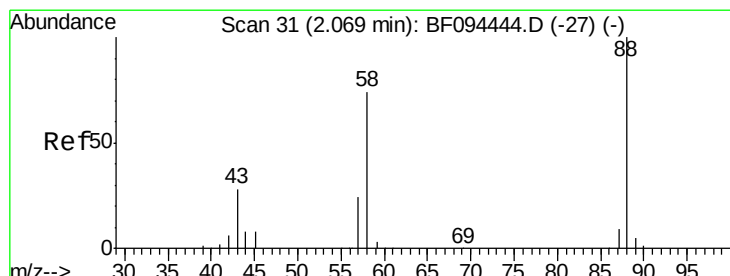
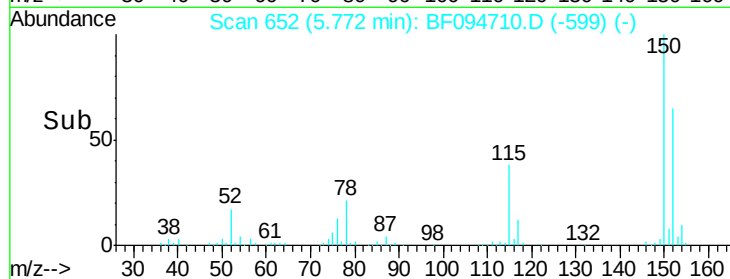
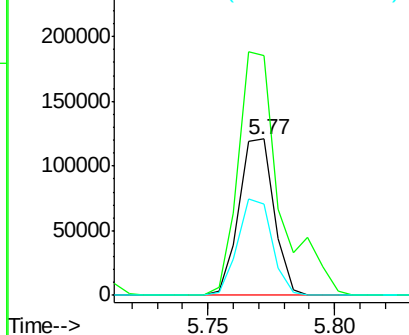
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.2	189.2
115	58.4	52.2	78.2

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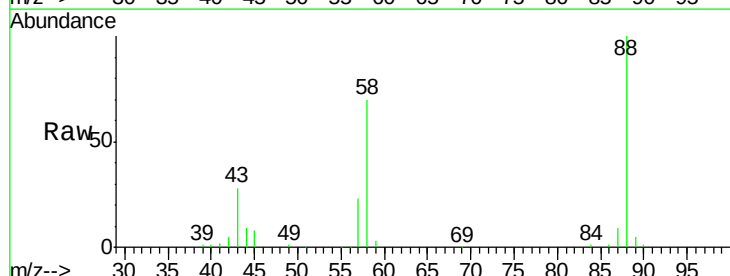
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



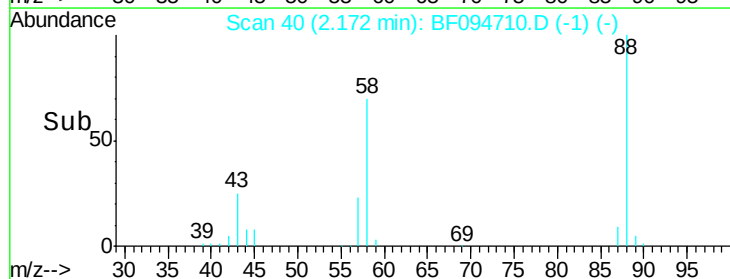
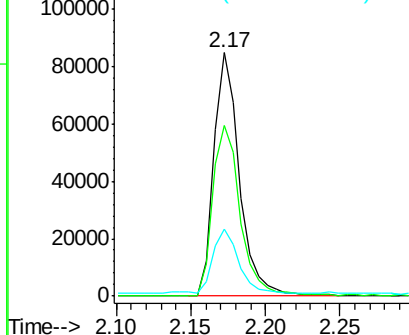
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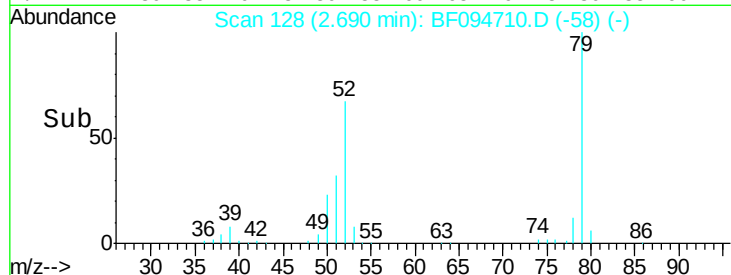
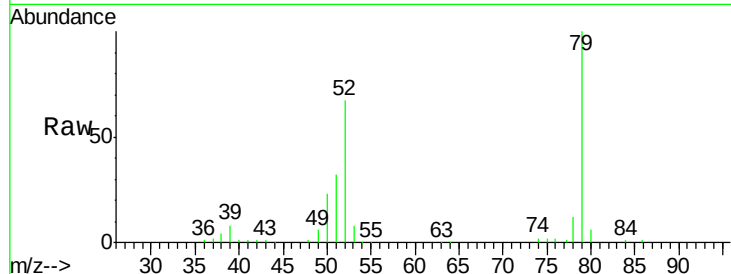
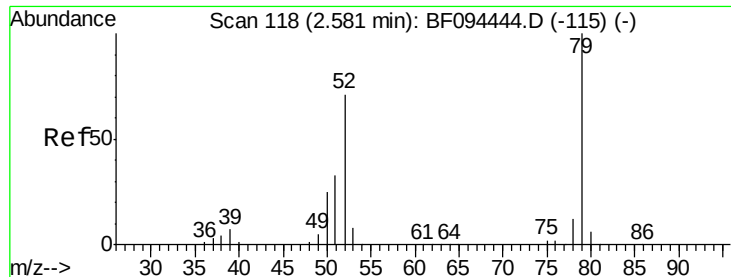
1,4-Dioxane
Concen: 24.72 ng
RT: 2.17 min Scan# 40
Delta R.T. 0.10 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	61.4	92.0
43	27.5	23.4	35.0



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





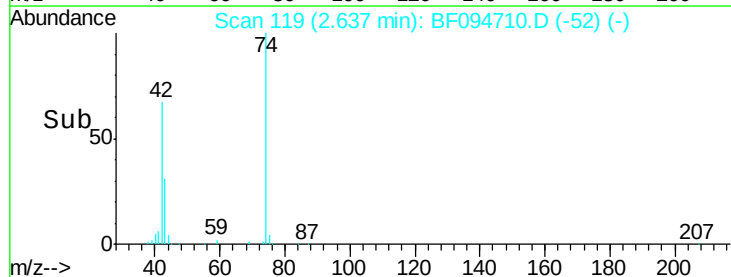
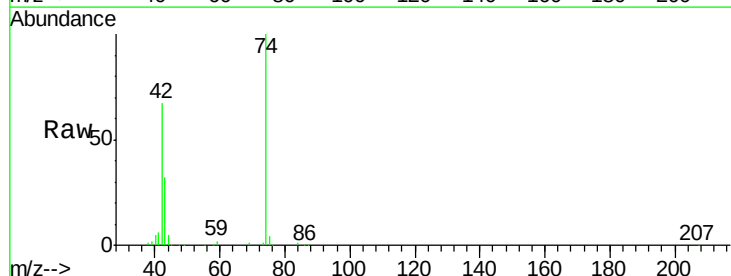
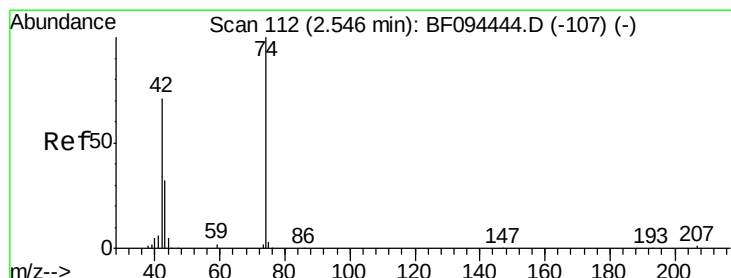
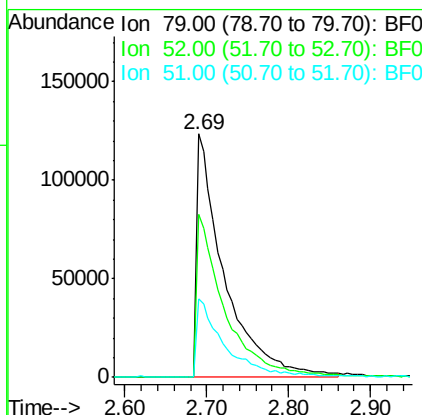
#3
 Pvridine
 Concen: 32.37 ng
 RT: 2.69 min Scan# 128
 Delta R.T. 0.11 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		290703		
52	66.8	54.8	82.2		
51	32.3	27.0	40.4		

Instrument :
 BNA_F
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 PB98571BS

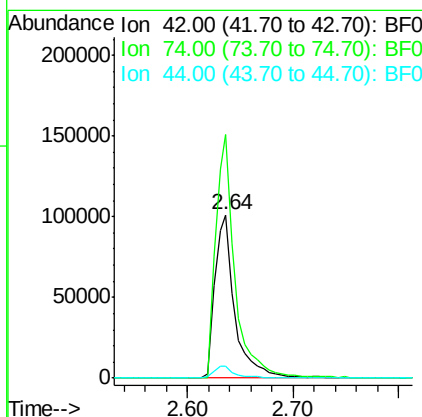
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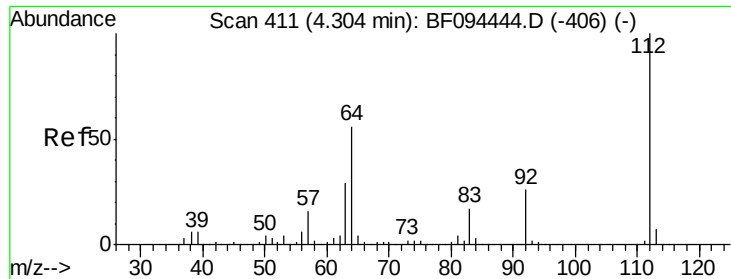
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#4
 n-Nitrosodimethylamine
 Concen: 36.18 ng
 RT: 2.64 min Scan# 119
 Delta R.T. 0.09 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		134459		
74	149.3	103.9	155.9		
44	7.0	5.7	8.5		





#5

2-Fluorophenol

Concen: 122.09 ng

RT: 4.33 min Scan# 407

Delta R.T. 0.03 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

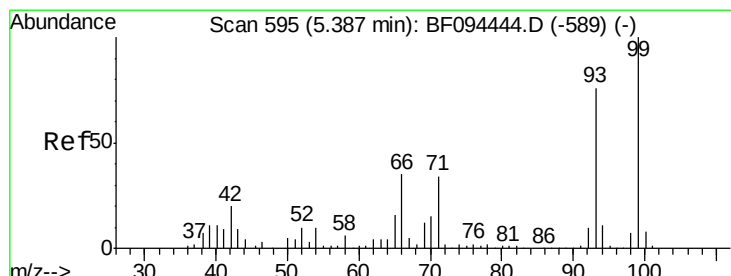
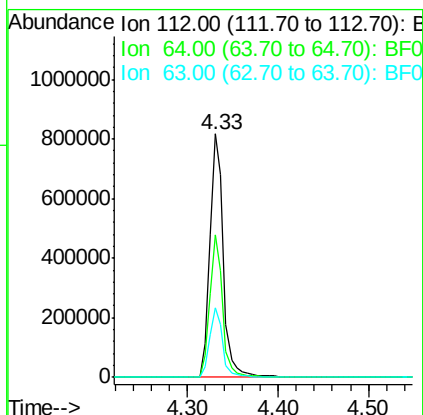
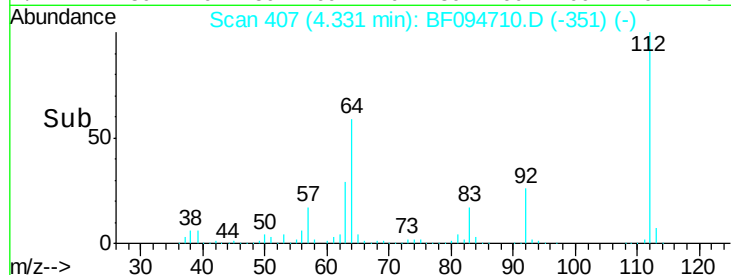
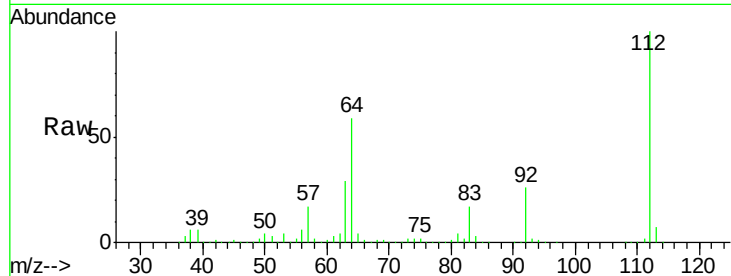
ClientSampled :

PB98571BS

Tot Ion:	112	Resp:	862696
Ion Ratio	Lower	Upper	
112	100		
64	58.6	46.0	69.0
63	28.7	23.4	35.0

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#6

Aniline

Concen: 29.70 ng

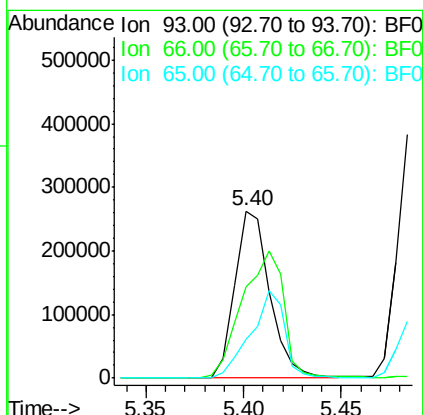
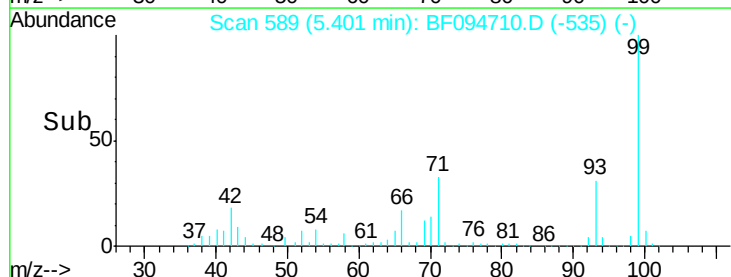
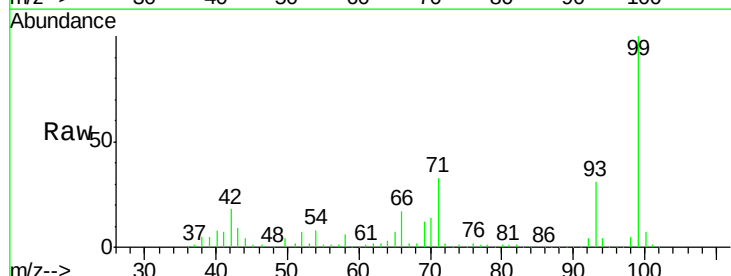
RT: 5.40 min Scan# 589

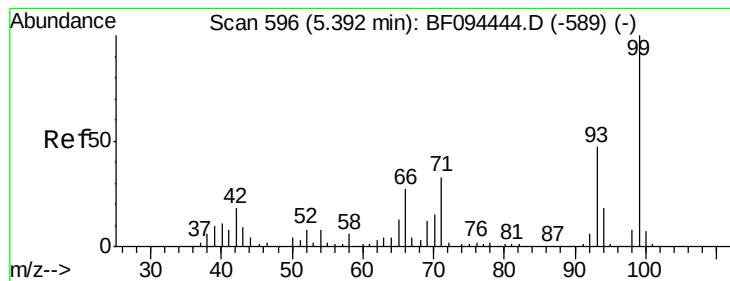
Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Tgt Ion:	93	Resp:	328797
Ion Ratio	Lower	Upper	
93	100		
66	54.9	32.9	49.3#
65	23.3	16.0	24.0





#7

Phenol-d6

Concen: 123.88 ng

RT: 5.40 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampleId :

PB98571BS

Tot Ion: 99 Resp: 1031971

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

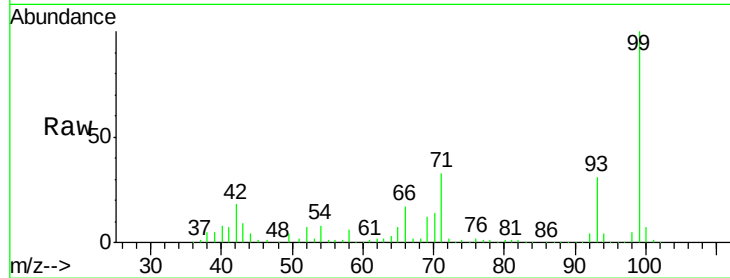
71 33.1 24.5 36.7

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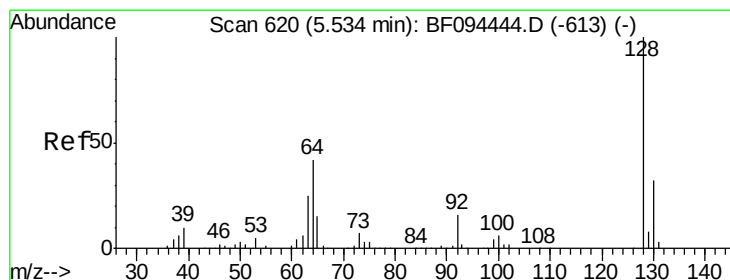
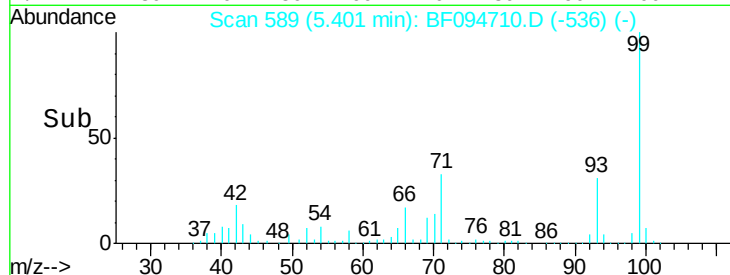
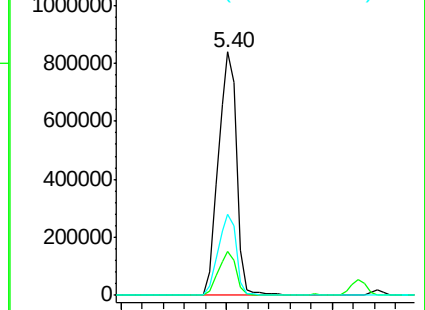
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.30 ng

RT: 5.54 min Scan# 613

Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

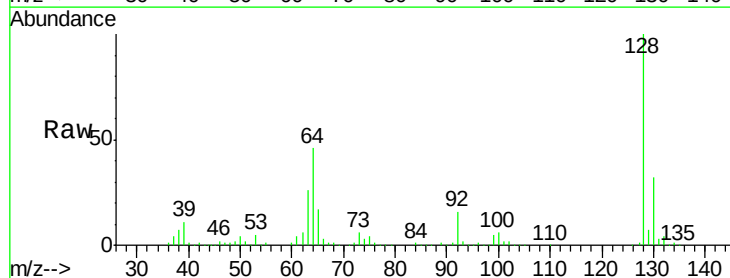
Tgt Ion:128 Resp: 332116

Ion Ratio Lower Upper

128 100

130 31.9 12.9 52.9

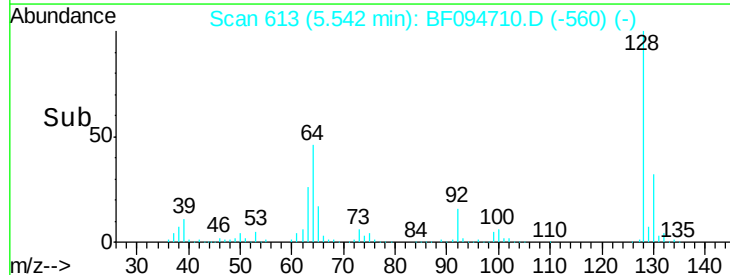
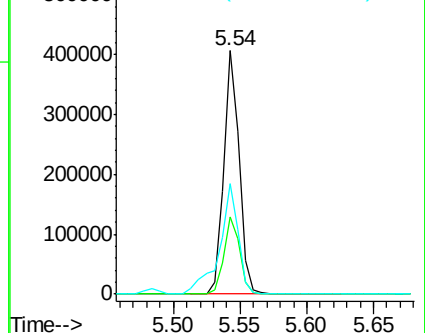
64 45.5 28.4 68.4

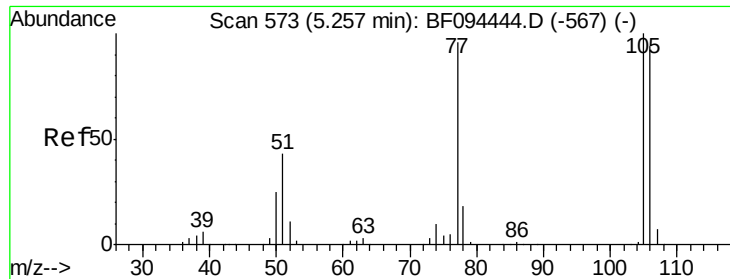


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.86 ng

RT: 5.28 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

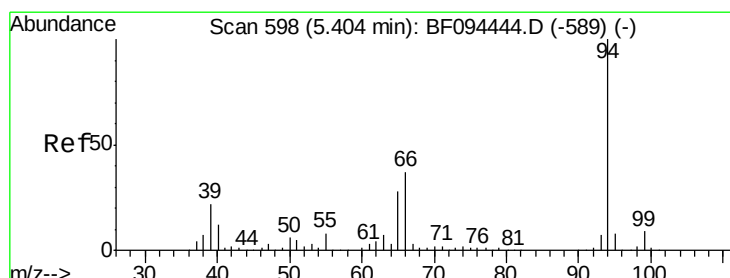
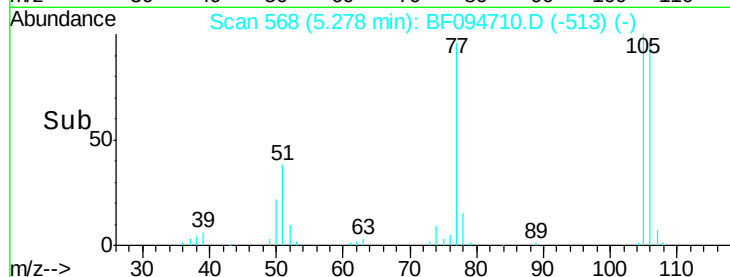
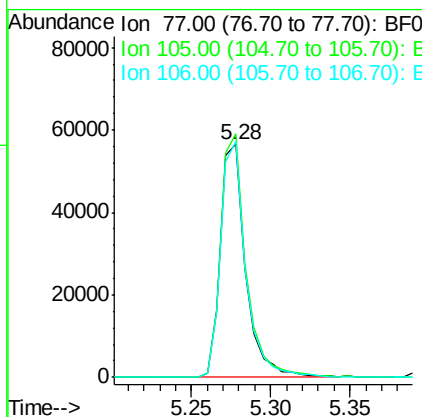
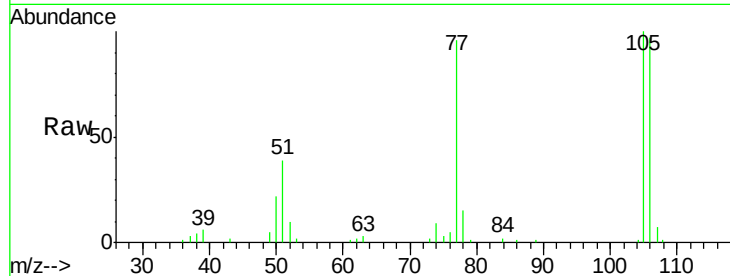
ClientSampleId :

PB98571BS

Tot Ion:	77	Resp:	62460
Ion	Ratio	Lower	Upper
77	100		
105	104.6	83.8	123.8
106	101.5	79.1	119.1

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#10

Phenol

Concen: 39.27 ng

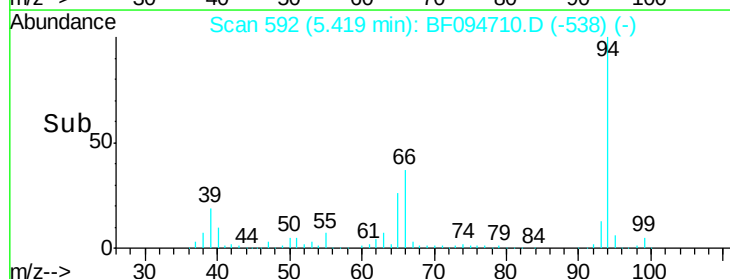
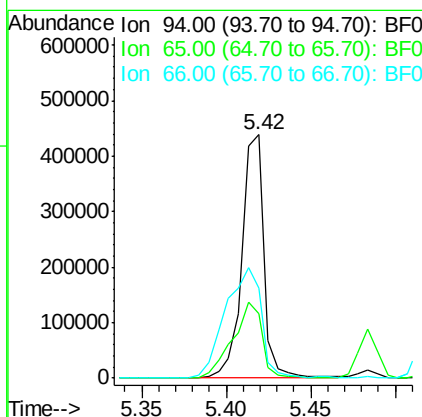
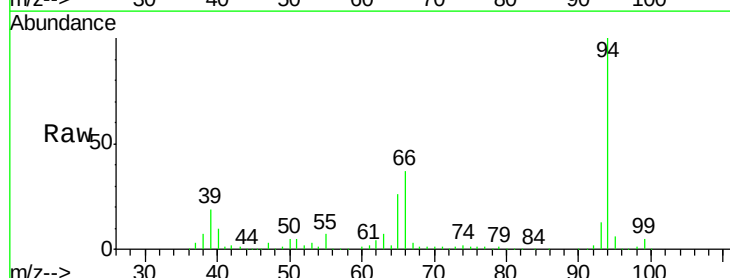
RT: 5.42 min Scan# 592

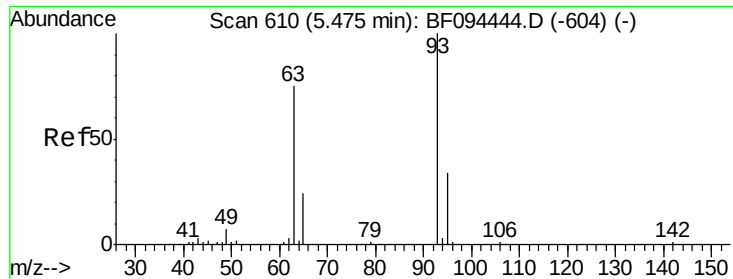
Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Tgt Ion:	94	Resp:	401861
Ion	Ratio	Lower	Upper
94	100		
65	26.4	9.9	49.9
66	37.1	23.1	63.1





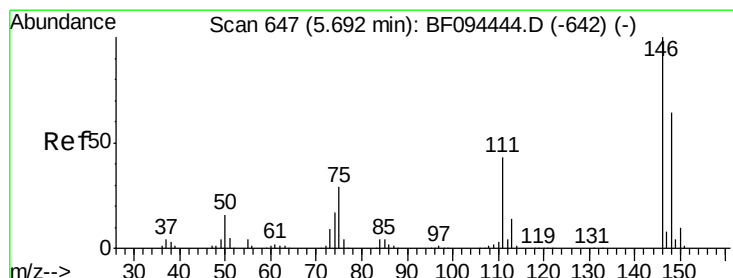
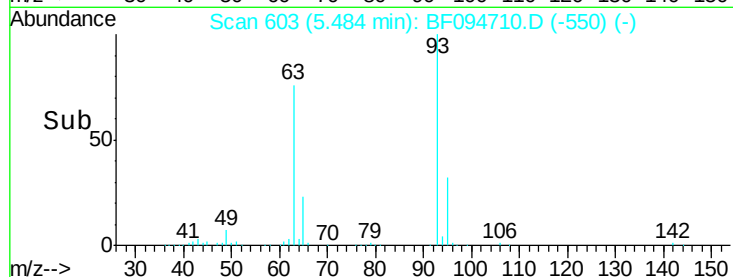
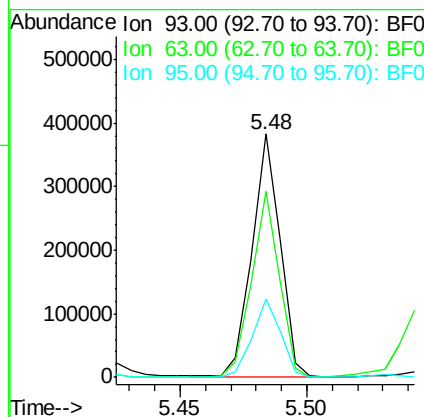
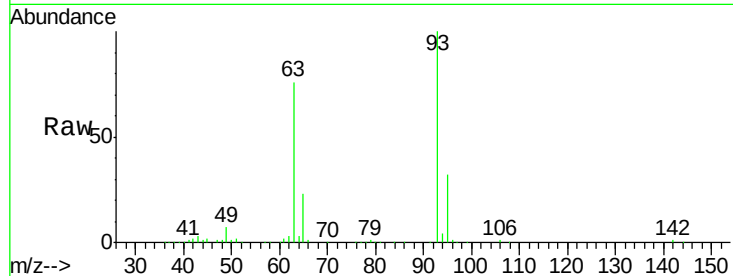
#11
bis(2-Chloroethyl)ether
Concen: 39.70 ng
RT: 5.48 min Scan# 603
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

Tot Ion:	93	Resp:	296832
Ion Ratio	Lower	Upper	
93	100		
63	76.3	59.2	99.2
95	32.4	12.8	52.8

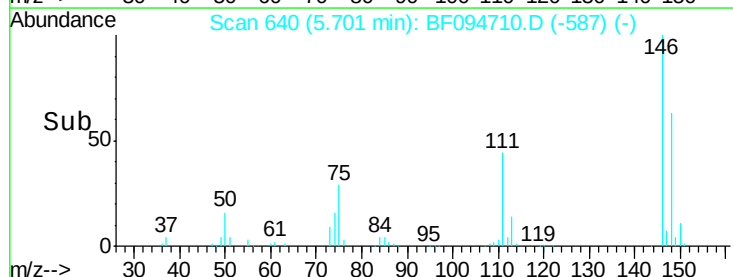
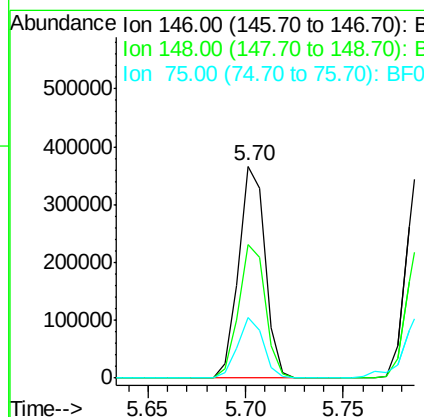
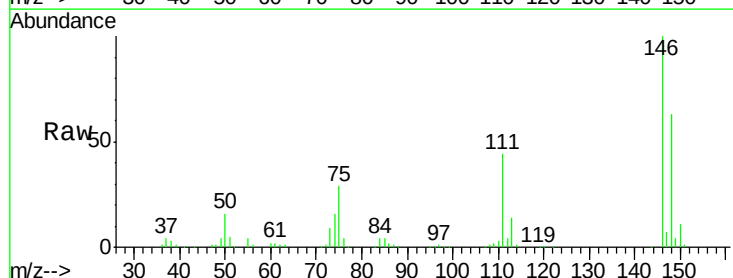
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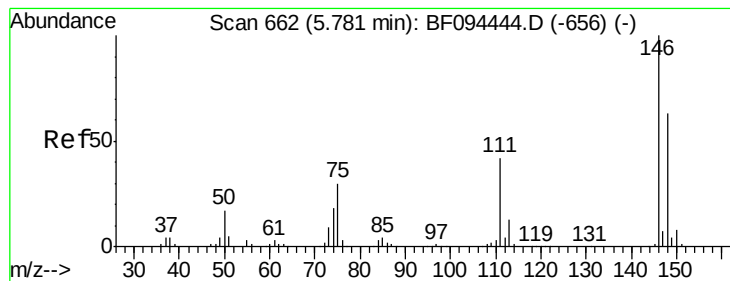
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.82 ng
RT: 5.70 min Scan# 640
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion:	146	Resp:	345809
Ion Ratio	Lower	Upper	
146	100		
148	62.8	51.8	77.6
75	28.8	23.1	34.7





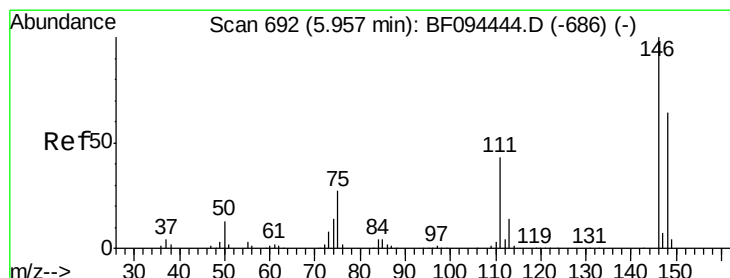
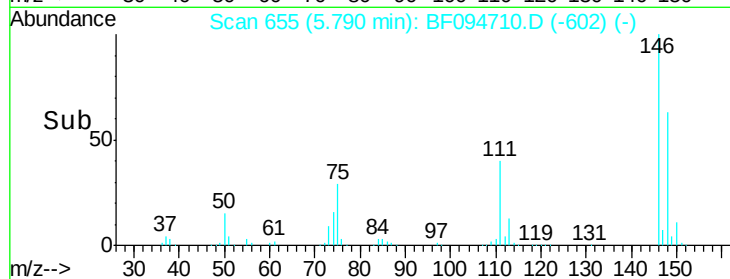
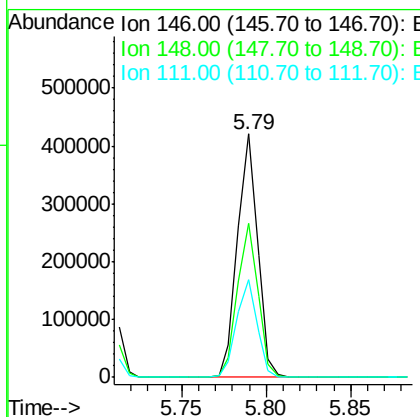
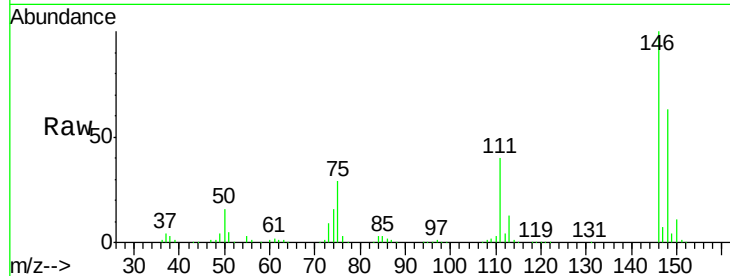
#13
 1,4-Dichlorobenzene
 Concen: 39.20 ng
 RT: 5.79 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampled :
 PB98571BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
111	40.2	30.3	45.5

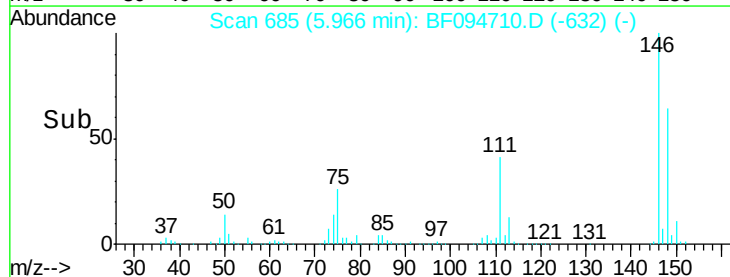
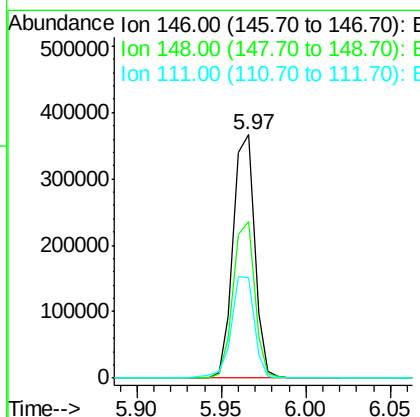
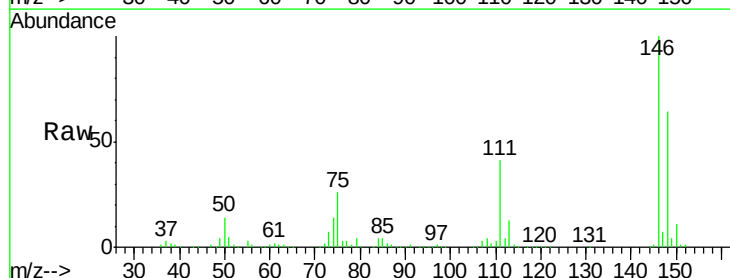
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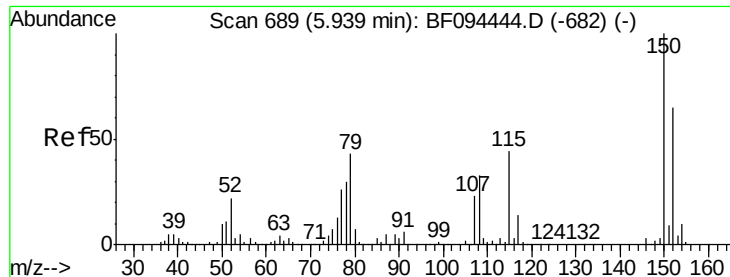
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.39 ng
 RT: 5.97 min Scan# 685
 Delta R.T. 0.01 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.4	75.6
111	41.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.10 ng

RT: 5.95 min Scan# 682

Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampleId :

PB98571BS

Tot Ion: 79 Resp: 247824

Ion Ratio Lower Upper

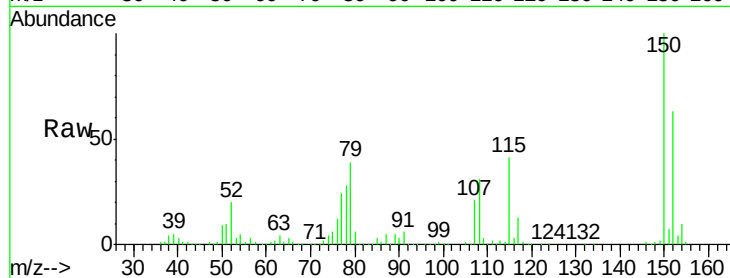
79 100

108 79.8 63.4 95.0

77 62.4 49.2 73.8

Manual Integrations
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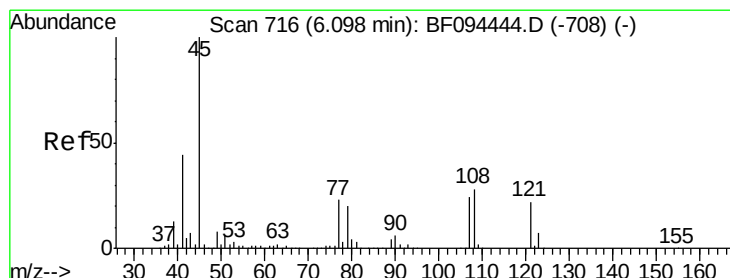
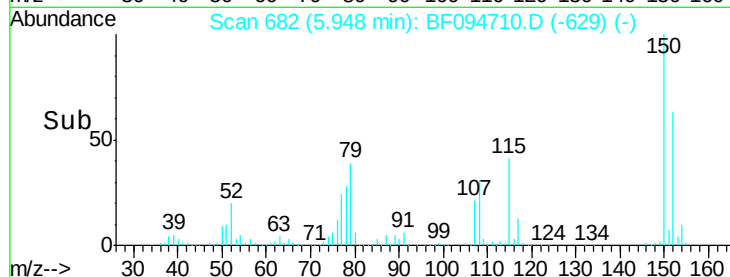
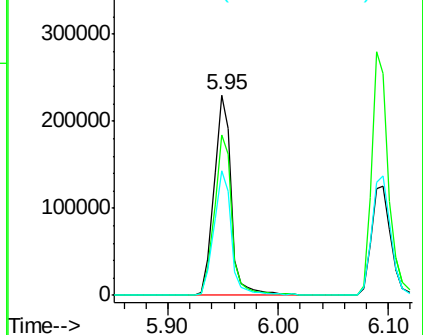
mohammad
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Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.29 ng

RT: 6.10 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

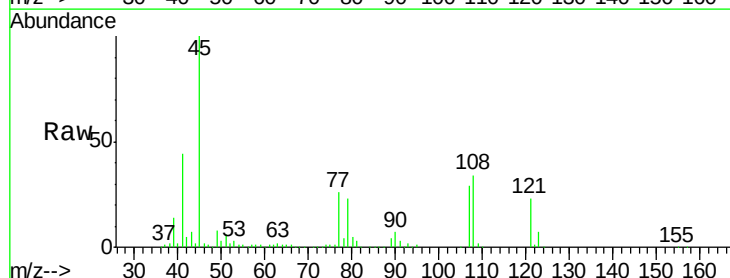
Tgt Ion: 45 Resp: 385127

Ion Ratio Lower Upper

45 100

77 26.2 0.0 33.2

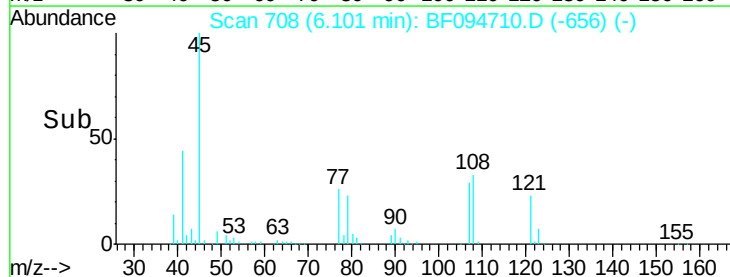
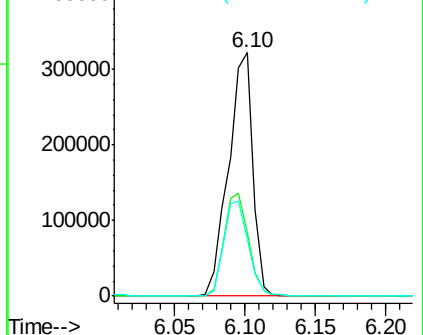
79 23.2 0.0 30.0

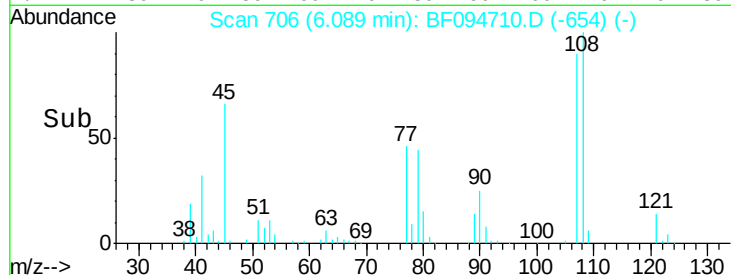
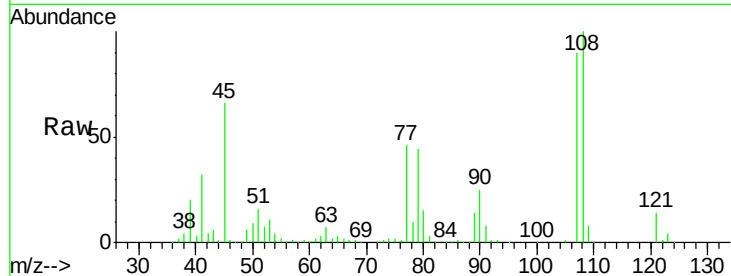
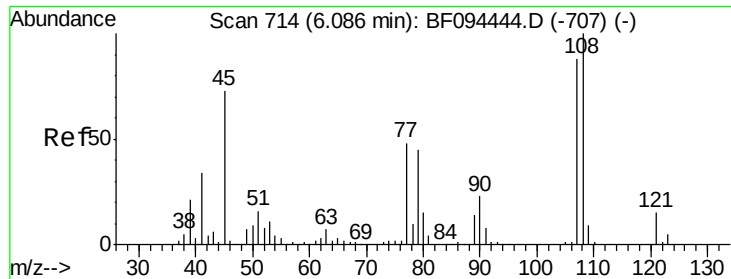


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





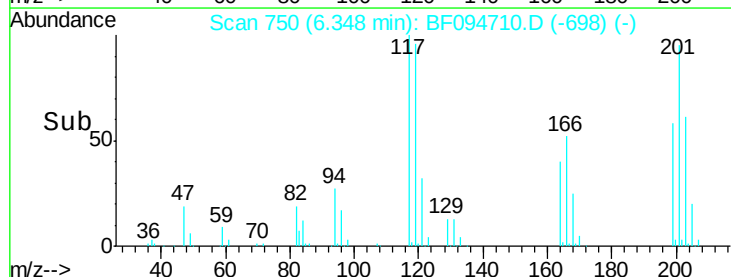
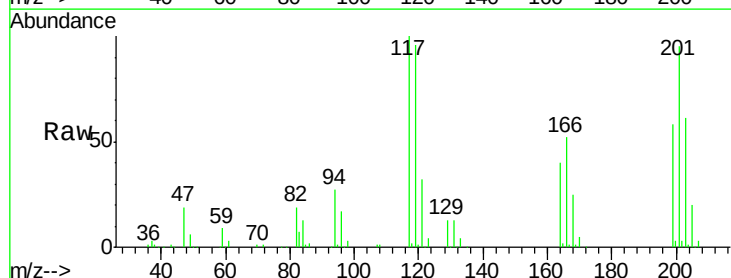
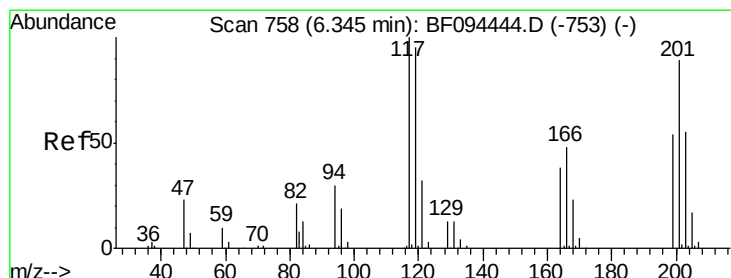
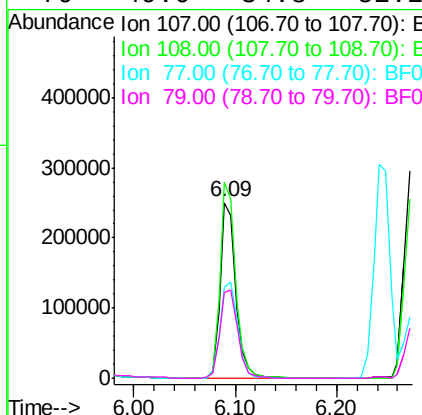
#17
2-Methylphenol
Concen: 42.02 ng
RT: 6.09 min Scan# 706
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tot Ion	Ratio	Resp	Lower	Upper
107	100	266101		
108	111.5	93.4	140.0	
77	51.6	35.8	53.6	
79	49.0	34.8	52.2	

Instrument :
BNA_F
ClientSampleId :
PB98571BS

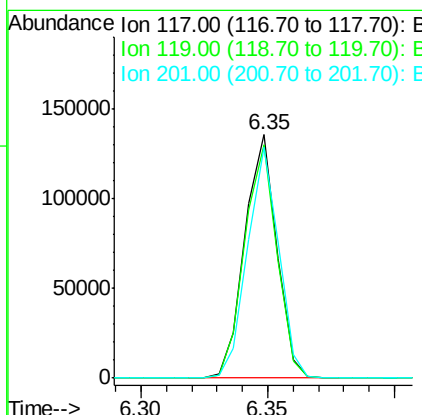
Manual Integrations
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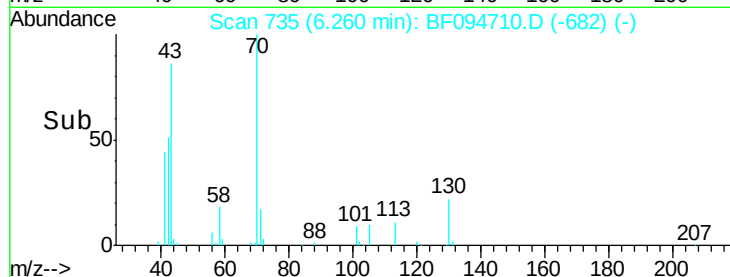
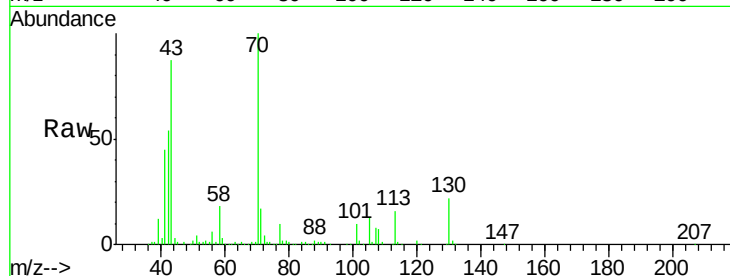
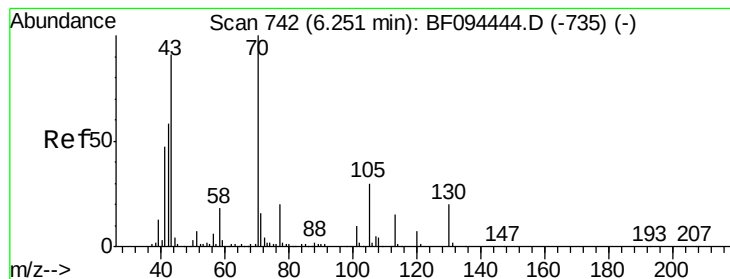
mohammad
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#18
Hexachloroethane
Concen: 38.97 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	119735		
119	96.1	77.4	116.0	
201	94.9	94.6	141.8	





#19

n-Nitroso-di-n-propylamine

Concen: 41.56 ng

RT: 6.26 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	53.5	47.2	70.8	
101	9.7	7.2	10.8	
130	22.1	15.9	23.9	

Instrument :

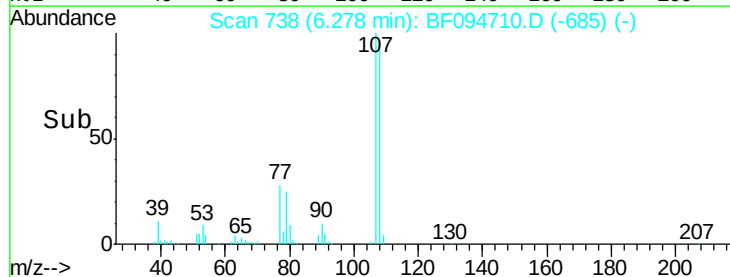
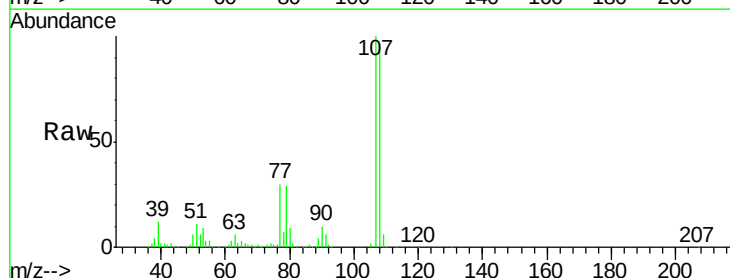
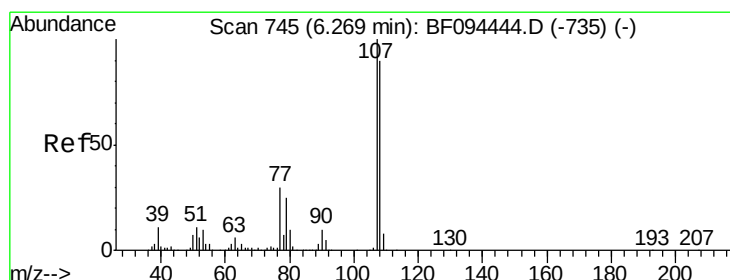
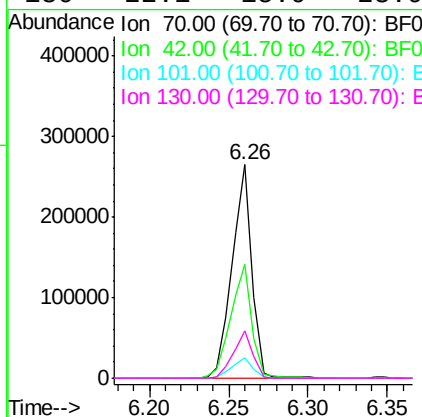
BNA_F

ClientSampleId :

PB98571BS

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#20

3+4-Methylphenols

Concen: 42.97 ng

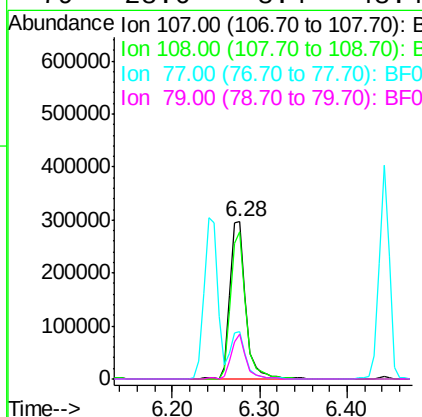
RT: 6.28 min Scan# 738

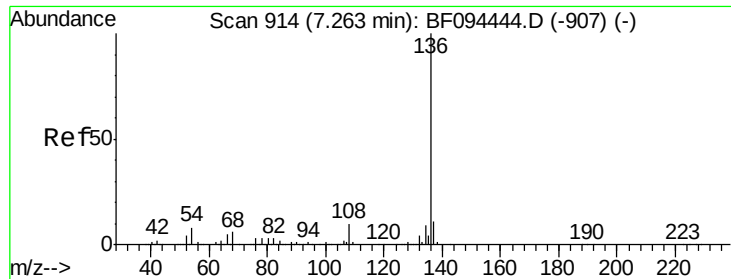
Delta R.T. 0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.4	71.0	111.0	
77	30.2	90.5	130.5#	
79	28.6	8.4	48.4	





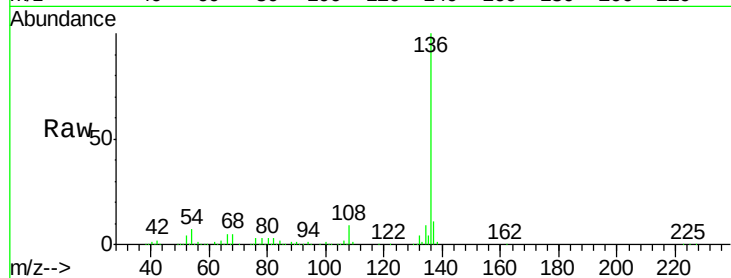
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.26 min Scan# 905
Delta R.T. -0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

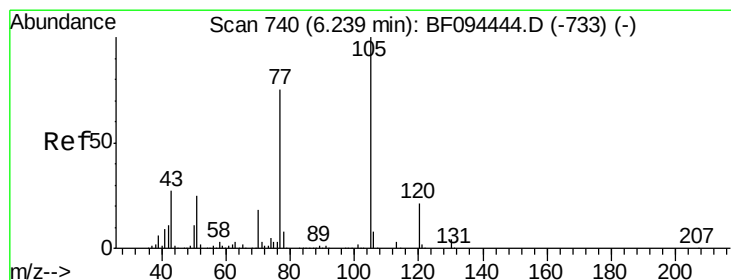
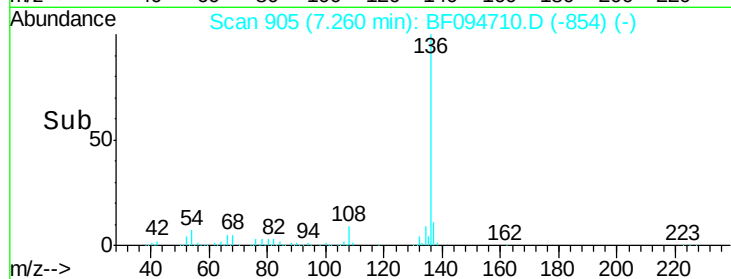
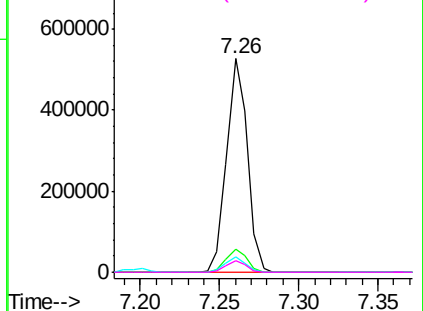
Tot Ion	Ratio	Resp	Lower	Upper
136	100	476996		
137	10.8		8.5	12.7
54	7.0		4.9	7.3
68	5.4		4.1	6.1

Manual Integrations
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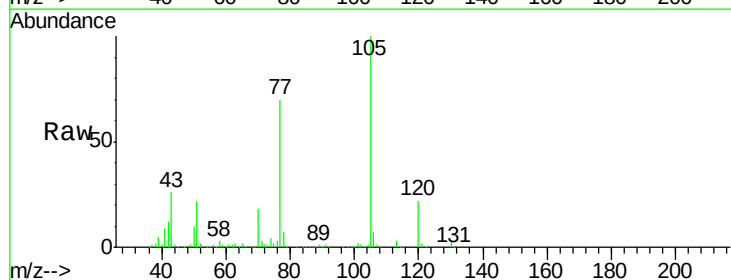


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

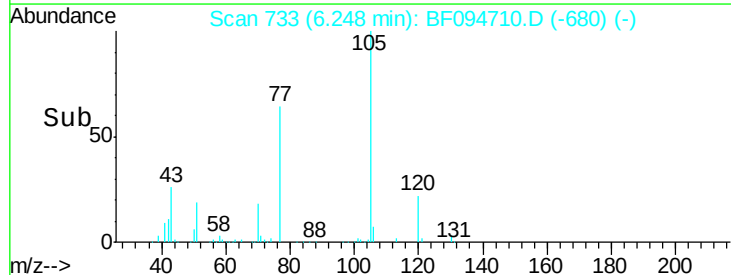
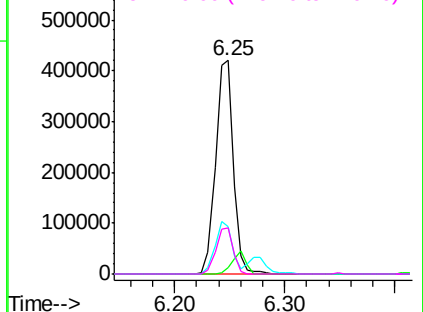


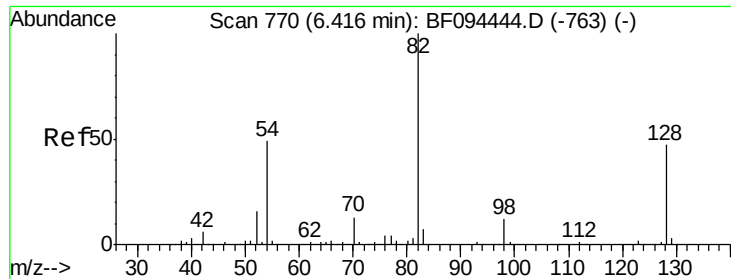
#22
Acetophenone
Concen: 40.11 ng
RT: 6.25 min Scan# 733
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	465144		
71	3.2		2.8	4.2
51	21.9		30.7	46.1#
120	21.7		17.4	26.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





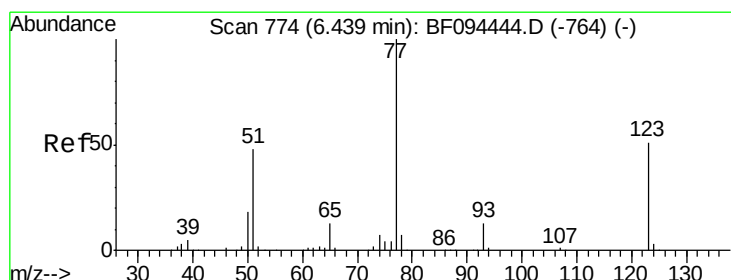
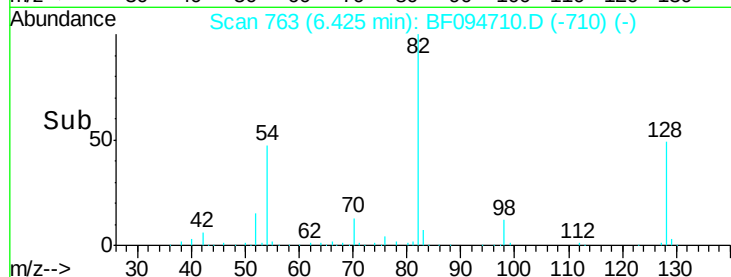
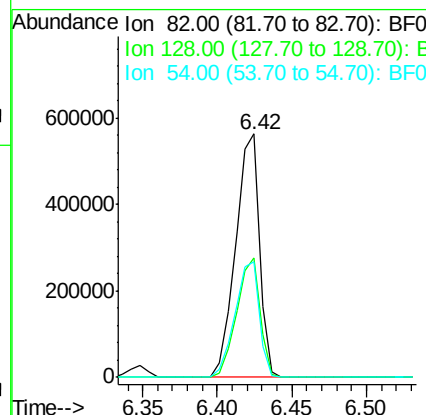
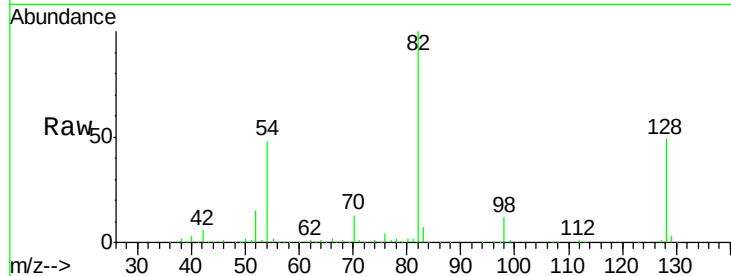
#23
 Nitrobenzene-d5
 Concen: 82.42 ng
 RT: 6.42 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	49.2	34.0	51.0	
54	47.6	42.2	63.2	

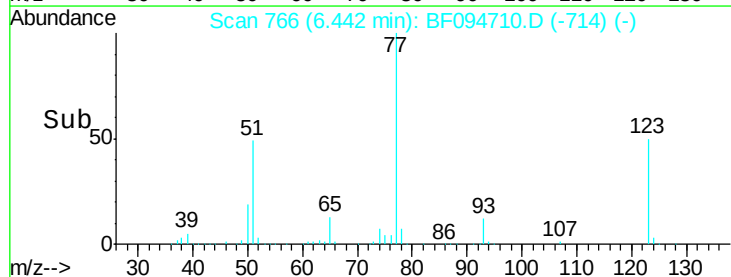
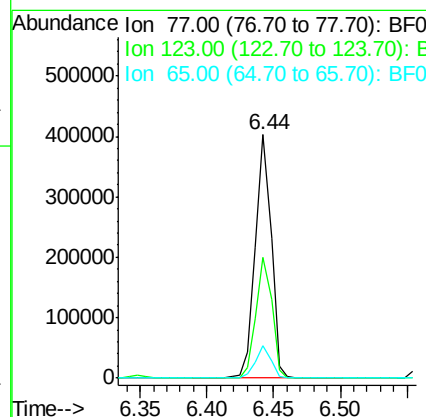
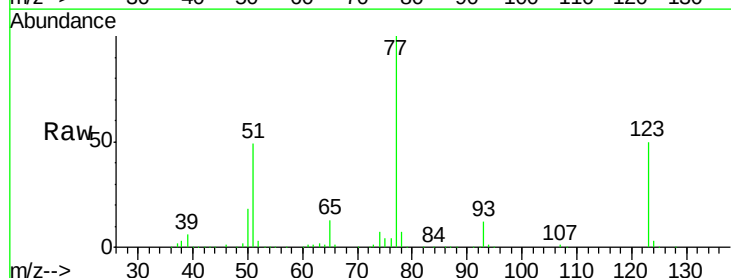
Manual Integrations
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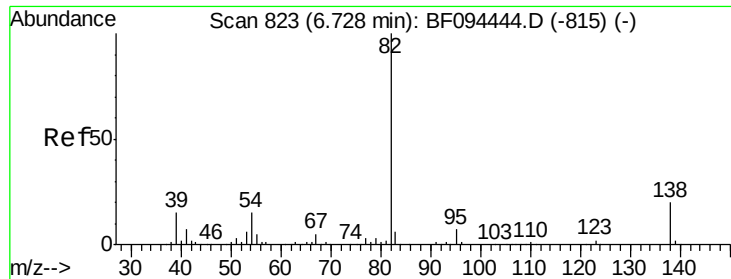
mohammad
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#24
 Nitrobenzene
 Concen: 40.25 ng
 RT: 6.44 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	49.6	35.8	53.8	
65	13.3	10.6	15.8	





#25

Isophorone

Concen: 41.84 ng

RT: 6.73 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

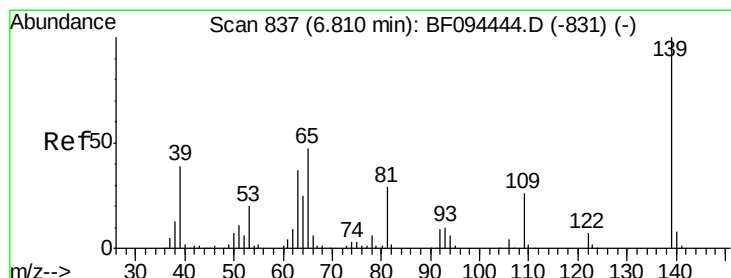
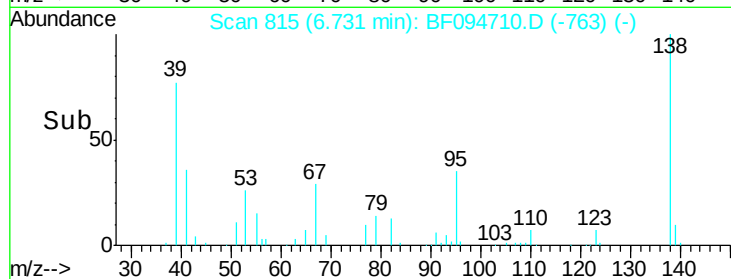
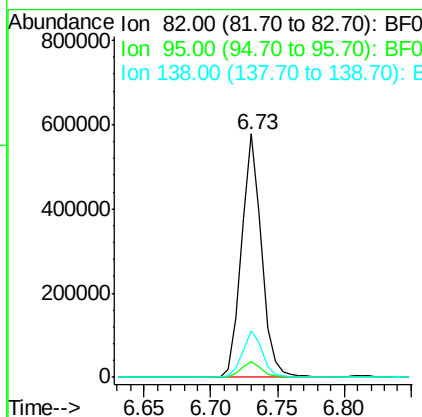
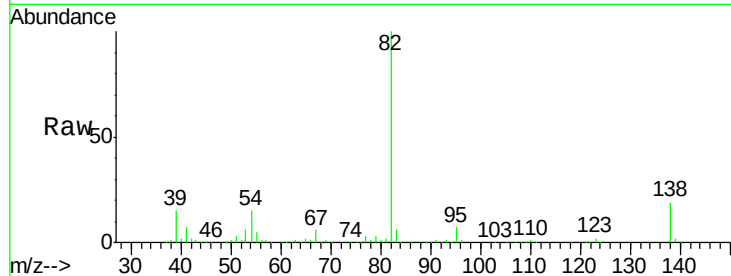
ClientSampleId :

PB98571BS

Tot Ion	82	Resp	599211
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.3	7.9
138	18.8	13.1	19.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.45 ng

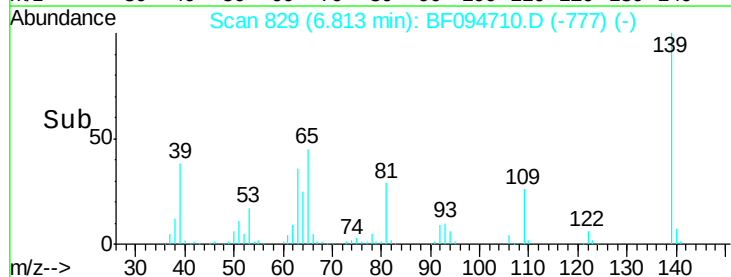
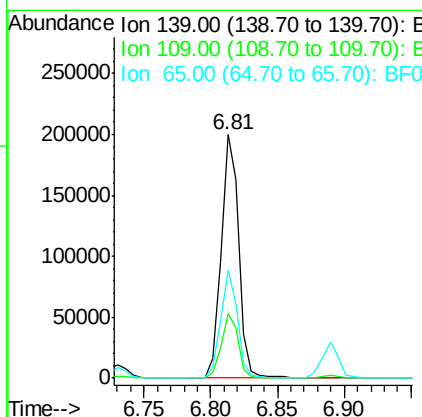
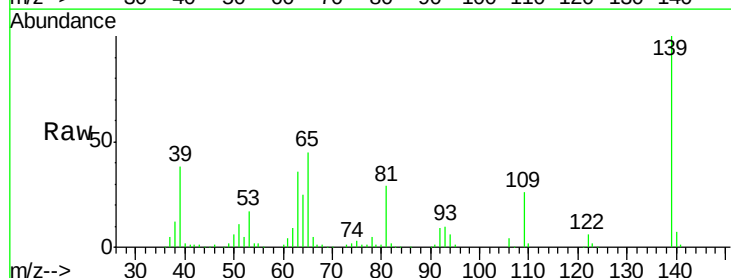
RT: 6.81 min Scan# 829

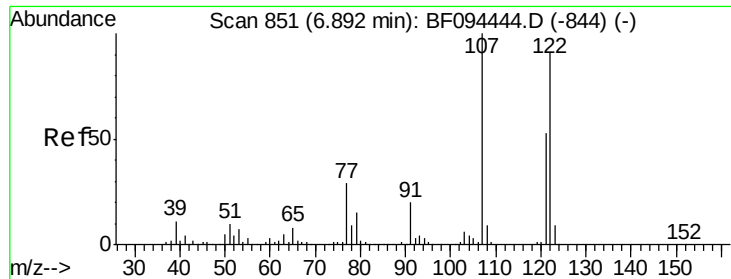
Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Tgt Ion	139	Resp	185516
Ion Ratio	Lower	Upper	
139	100		
109	26.4	21.0	31.6
65	44.6	33.0	49.6





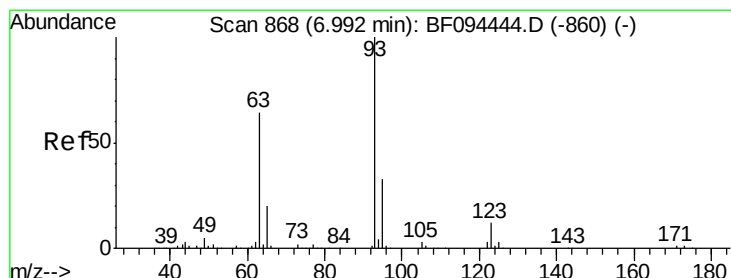
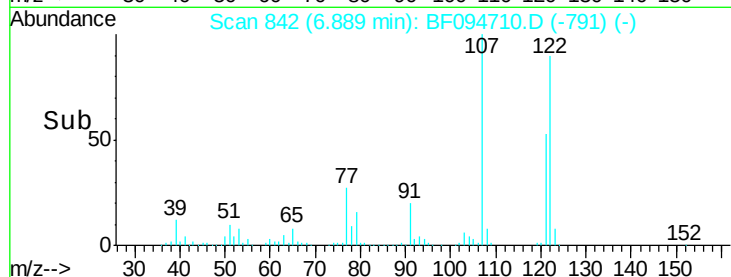
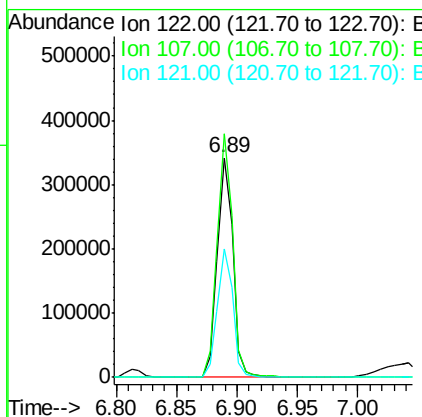
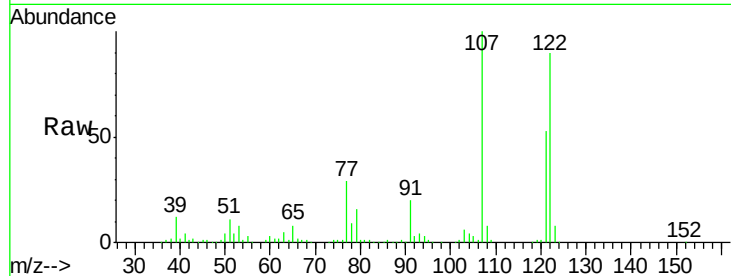
#27
 2,4-Dimethylphenol
 Concen: 42.70 ng
 RT: 6.89 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.0	89.2	133.8
121	58.5	45.2	67.8

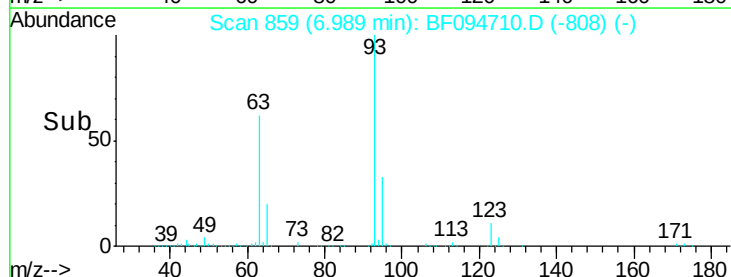
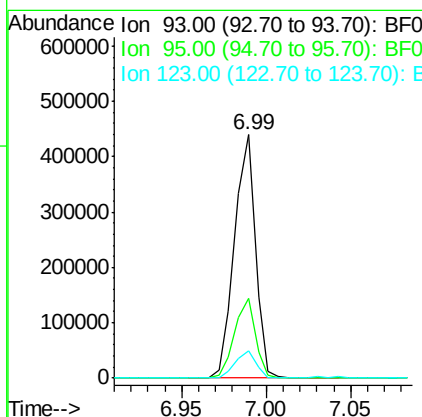
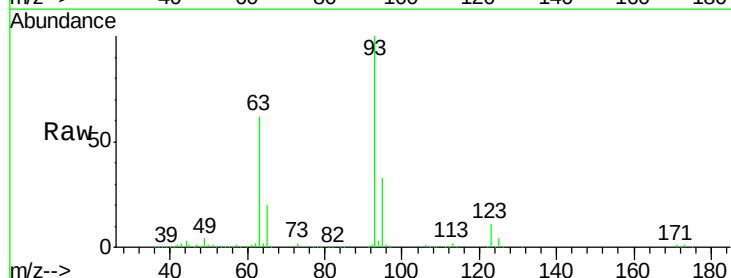
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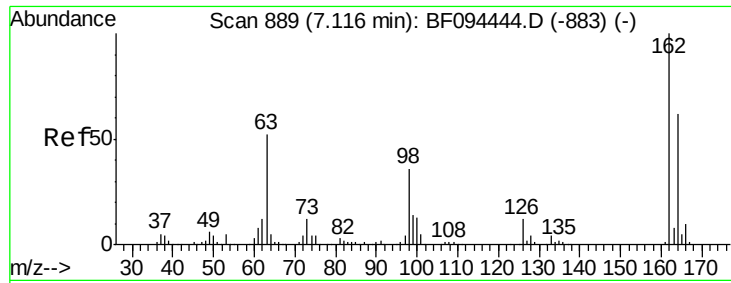
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 41.00 ng
 RT: 6.99 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	11.2	9.0	13.4





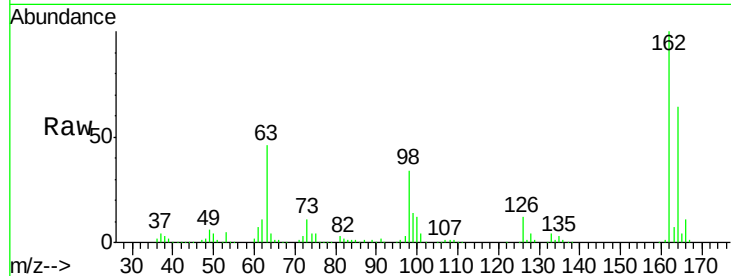
#29
 2,4-Dichlorophenol
 Concen: 44.56 ng
 RT: 7.12 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

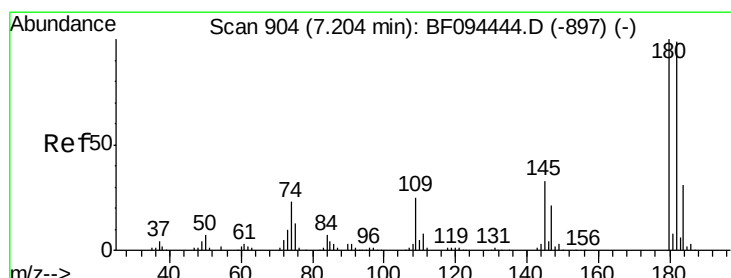
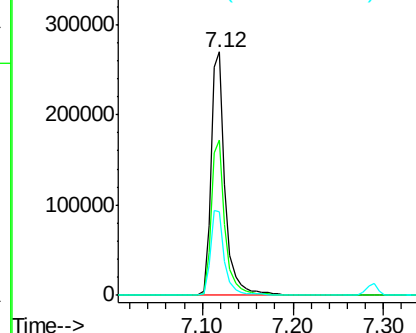
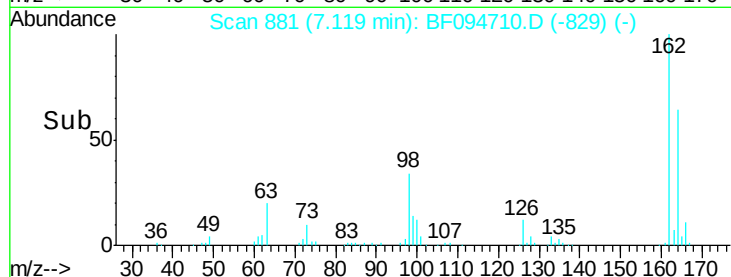
Tot Ion	Ratio	Resp	Lower	Upper
162	100	294290		
164	64.0		44.6	84.6
98	34.1		14.8	54.8

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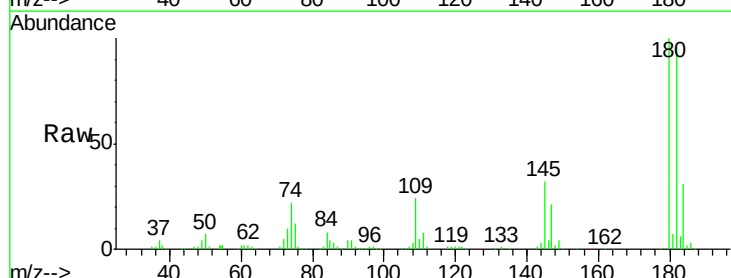


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

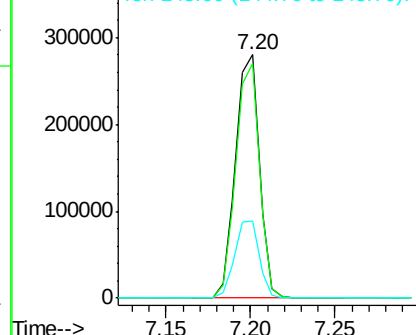
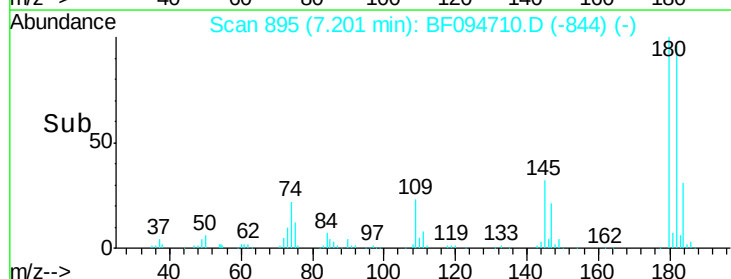


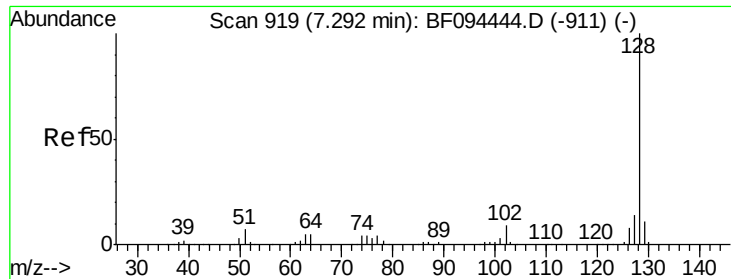
#30
 1,2,4-Trichlorobenzene
 Concen: 40.31 ng
 RT: 7.20 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	275246		
182	96.3		75.8	113.6
145	32.0		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





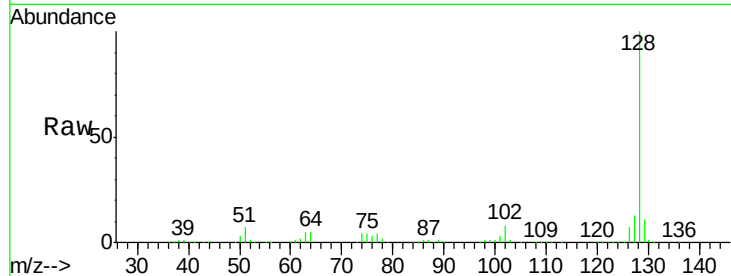
#31
Naphthalene
Concen: 40.49 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

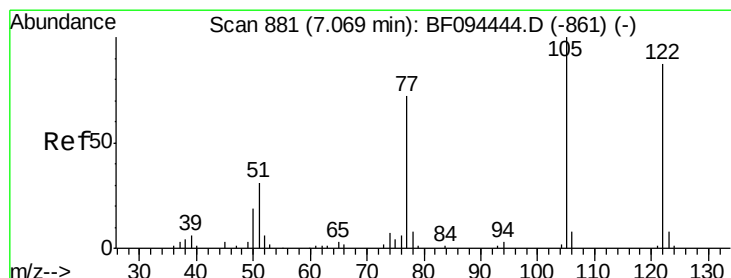
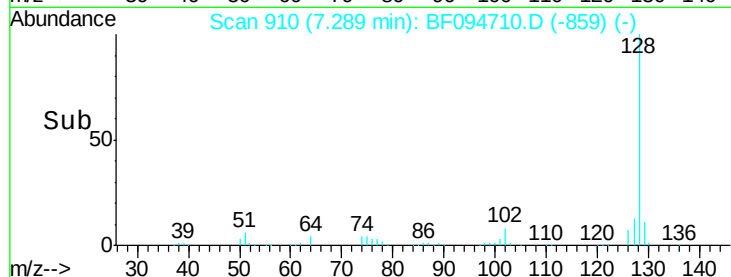
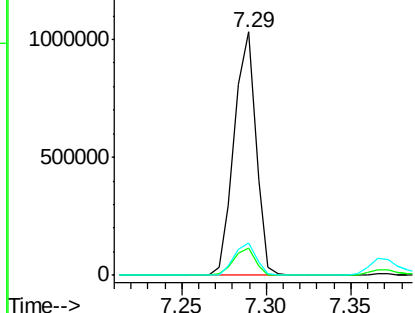
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.3	9.0	13.6	
127	13.4	10.8	16.2	

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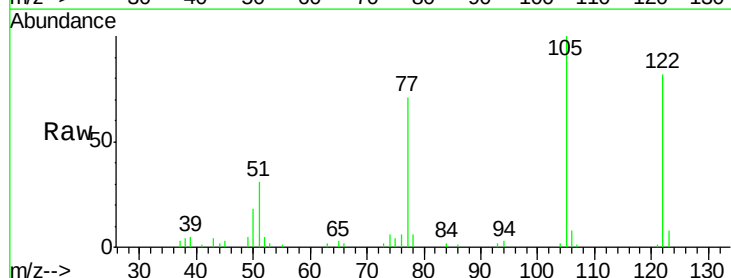


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

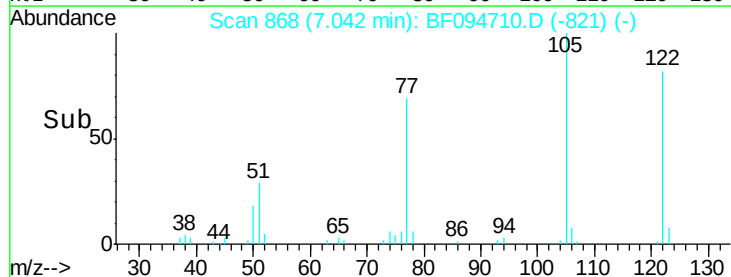
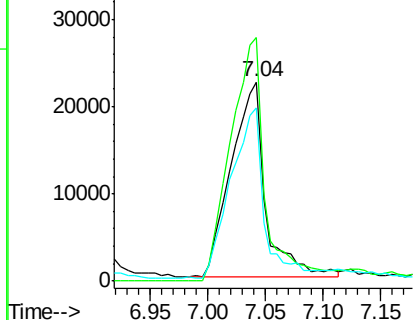


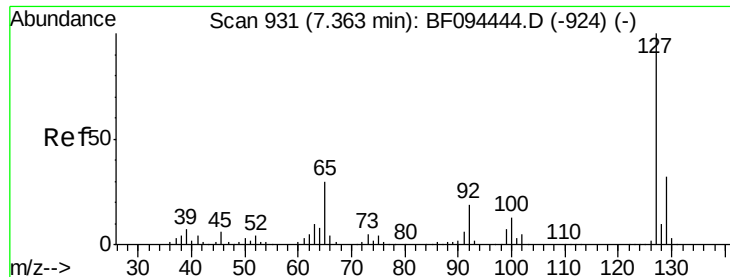
#32
Benzoic acid
Concen: 12.36 ng
RT: 7.04 min Scan# 868
Delta R.T. -0.03 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.1	103.3	143.3	
77	86.6	73.7	113.7	



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





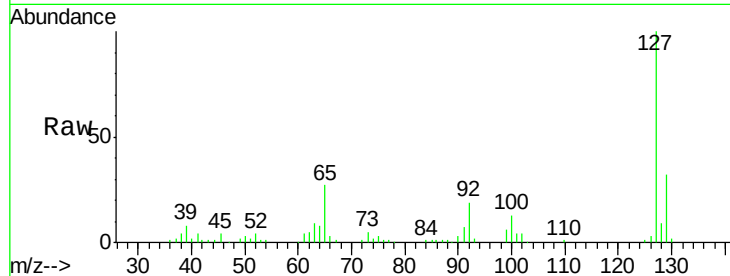
#33
4-Chloroaniline
Concen: 10.31 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

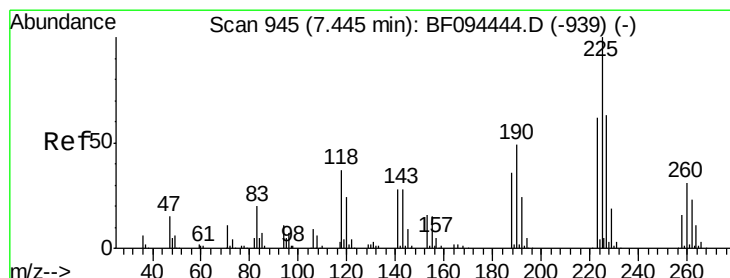
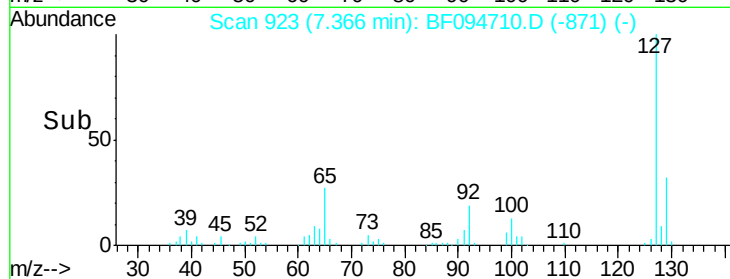
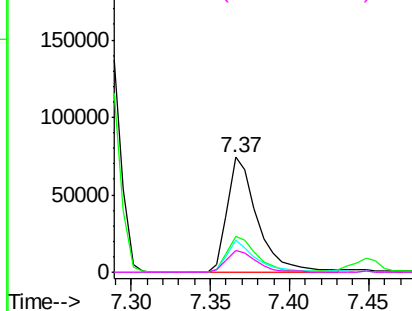
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.2	39.2	
65	27.4	27.8	41.8	
92	18.6	16.8	25.2	

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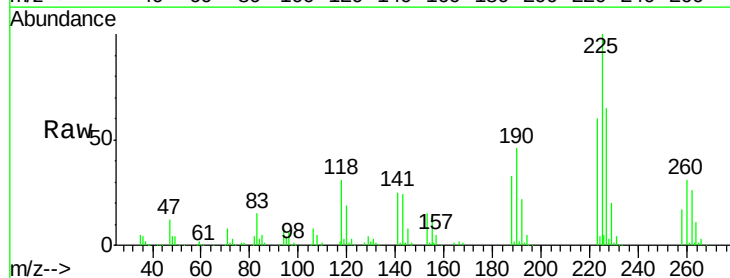


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

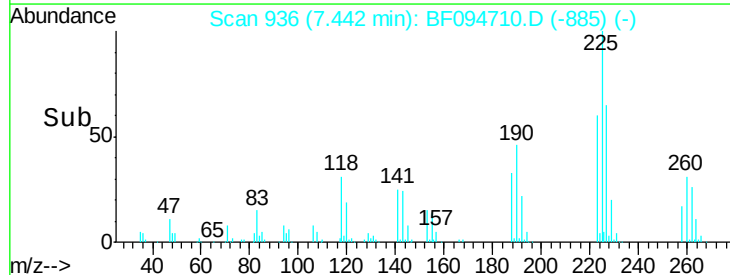
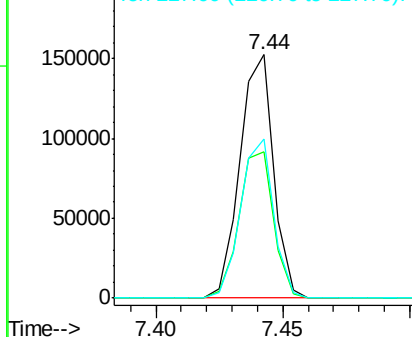


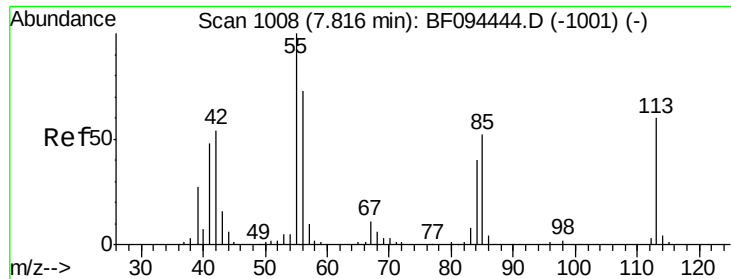
#34
Hexachlorobutadiene
Concen: 41.11 ng
RT: 7.44 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.9	48.8	73.2	
227	65.4	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





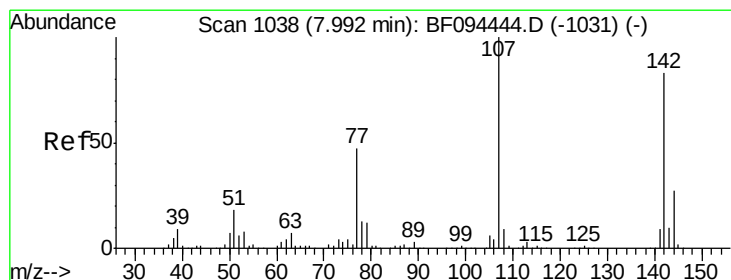
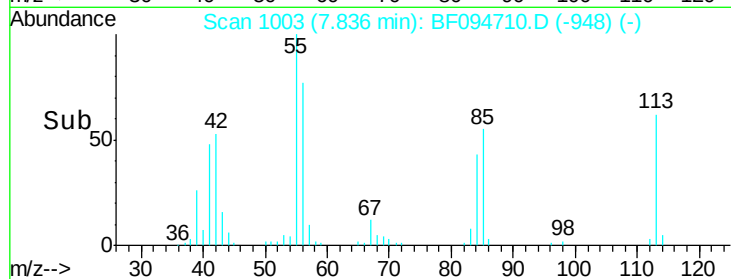
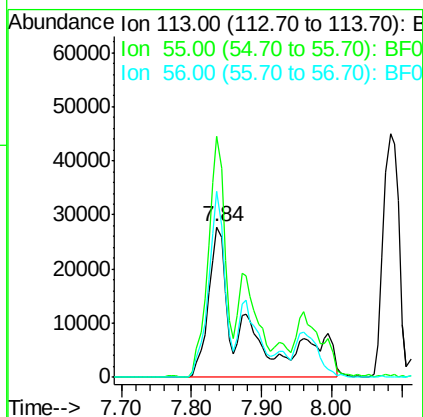
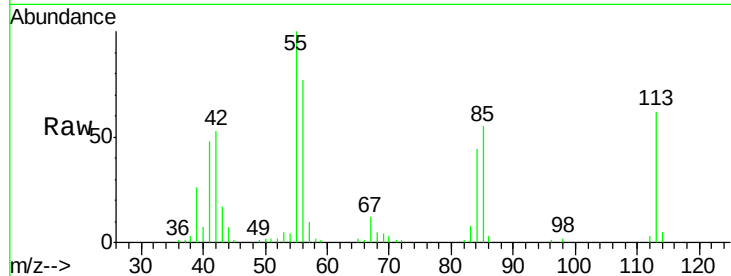
#35
 Caprolactam
 Concen: 48.43 ng/ml
 RT: 7.84 min Scan# 1003
 Delta R.T. 0.02 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

Tot Ion: 113 Resp: 100475
 Ion Ratio Lower Upper
 113 100
 55 160.1 150.2 190.2
 56 123.6 107.8 147.8

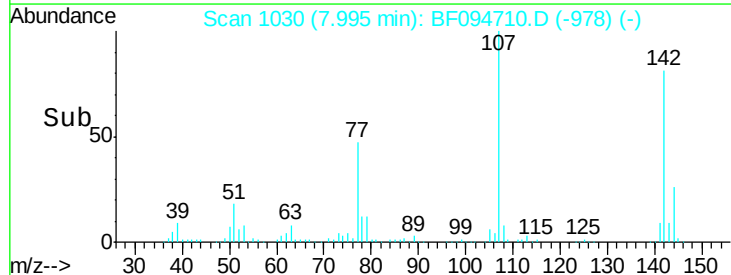
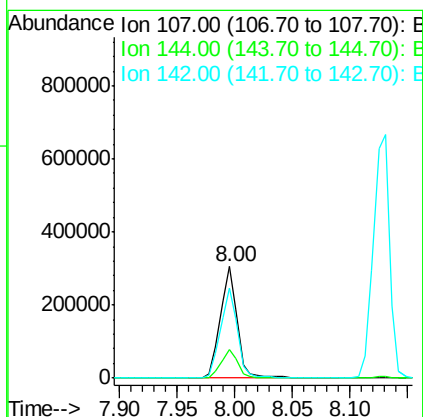
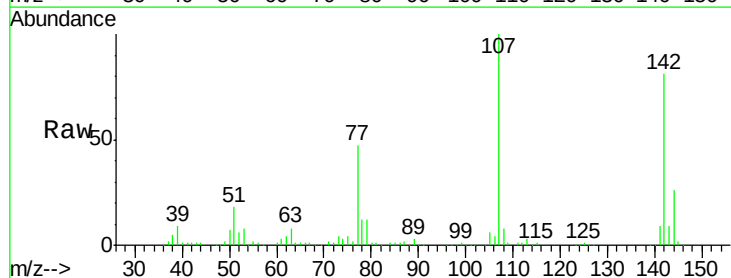
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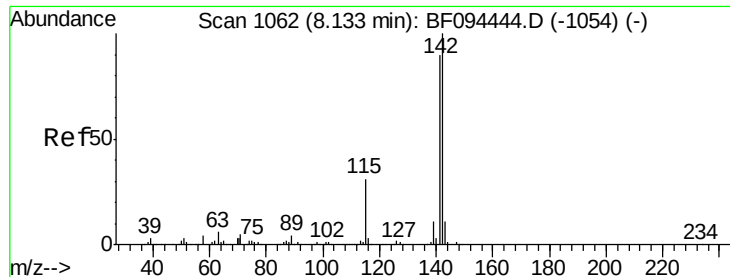
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#36
 4-Chloro-3-methylphenol
 Concen: 44.92 ng/ml
 RT: 8.00 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion: 107 Resp: 310895
 Ion Ratio Lower Upper
 107 100
 144 26.0 24.2 36.4
 142 80.6 73.4 110.0





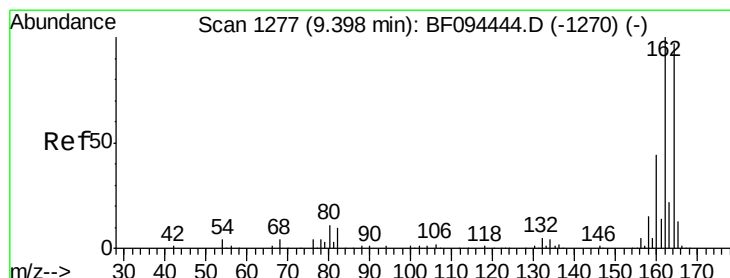
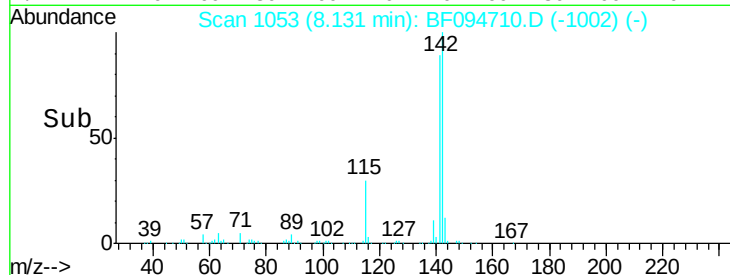
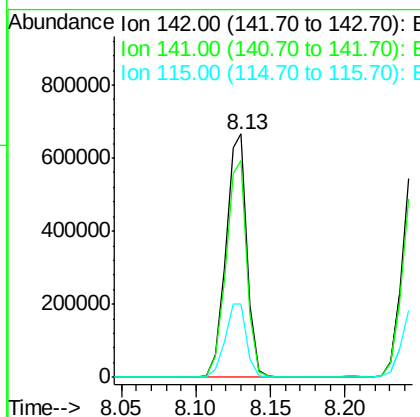
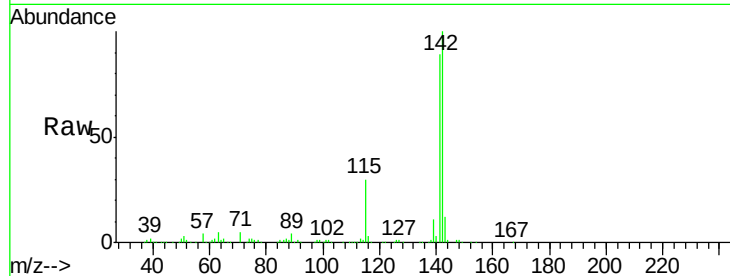
#37
 2-Methylnaphthalene
 Concen: 42.24 ng
 RT: 8.13 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	30.0	27.1	40.7

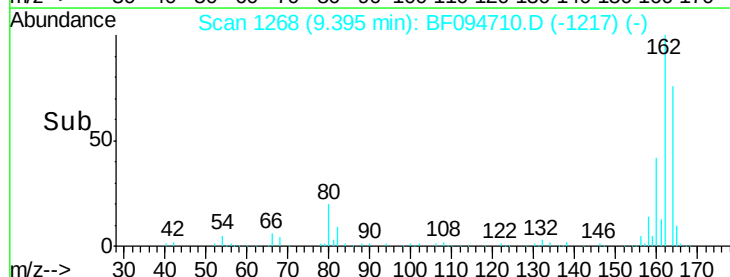
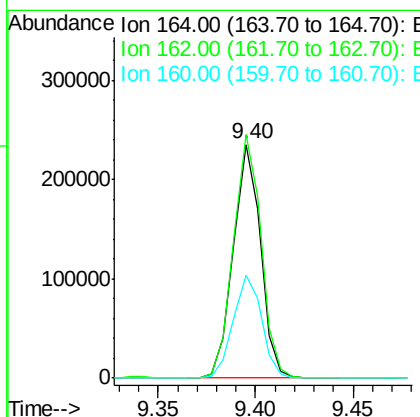
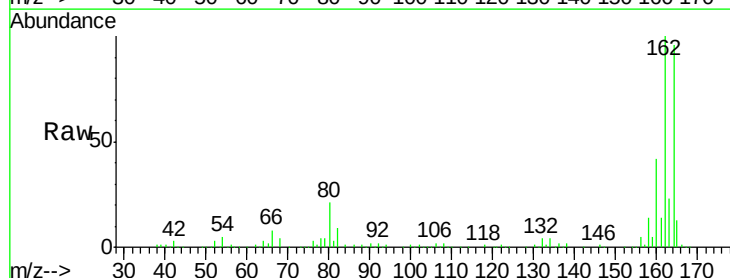
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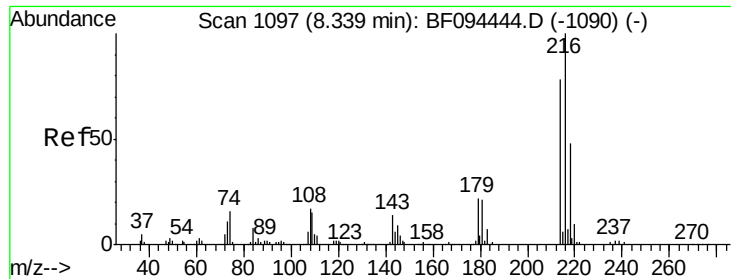
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	44.3	36.2	54.2





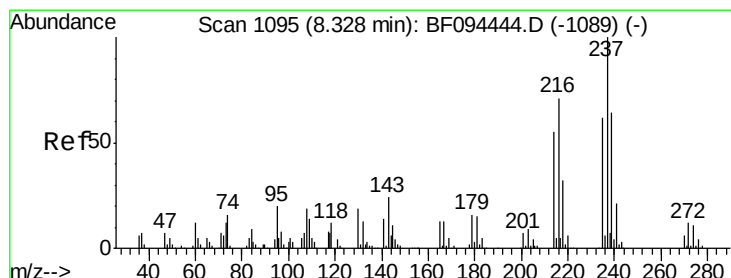
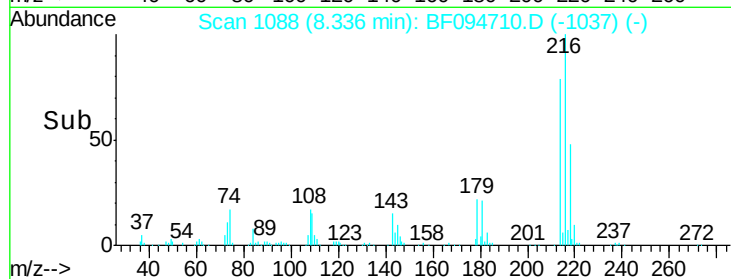
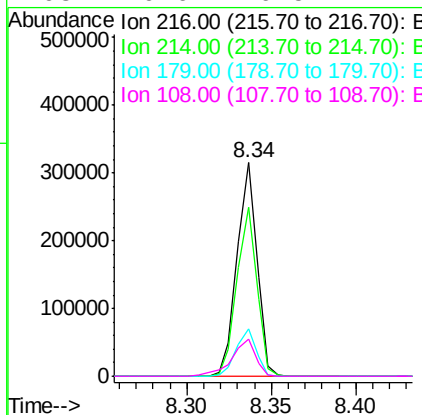
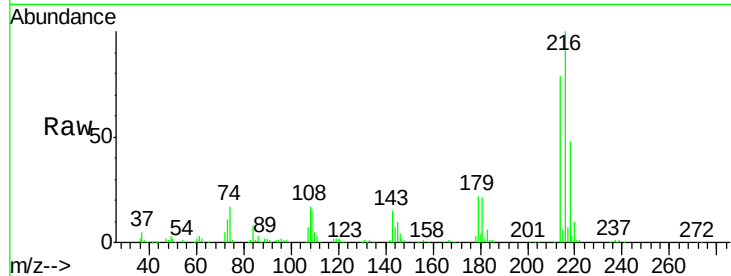
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.09 ng
 RT: 8.34 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.3	63.4	95.2
179	22.0	17.9	26.9
108	20.6	16.5	24.7

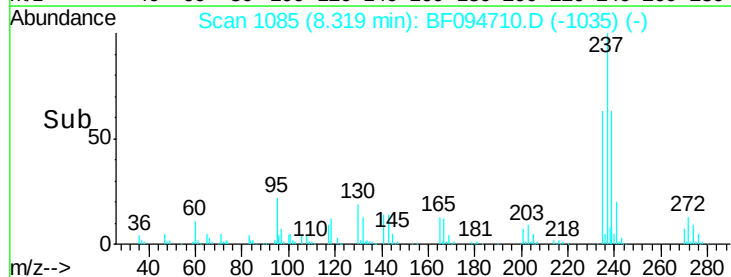
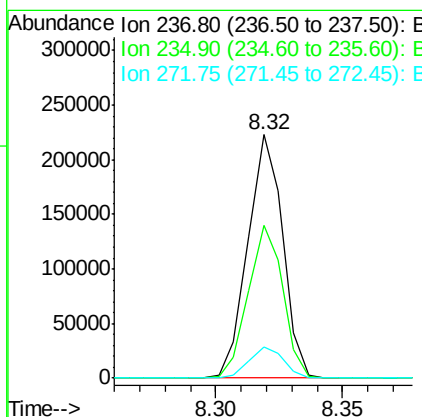
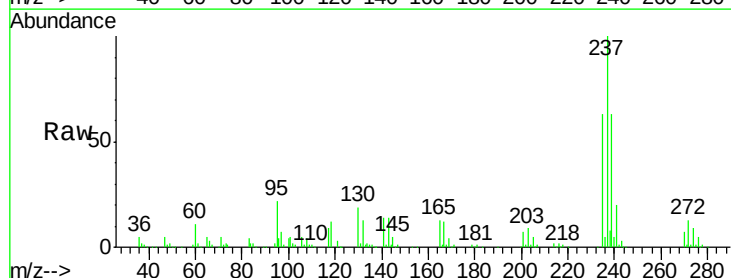
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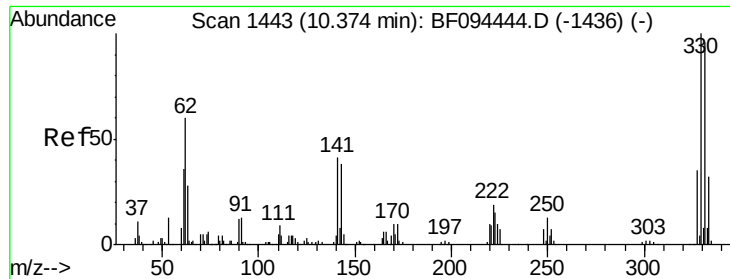
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#40
 Hexachlorocyclopentadiene
 Concen: 81.61 ng
 RT: 8.32 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	42.6	82.6
272	12.7	0.0	31.9





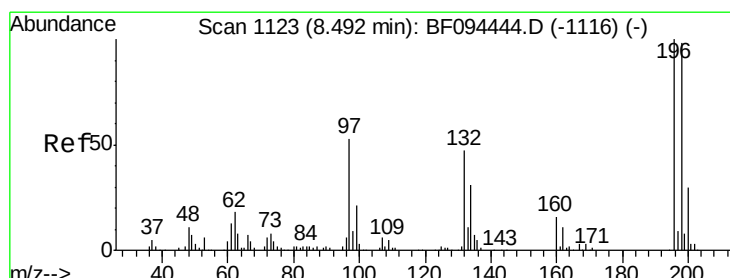
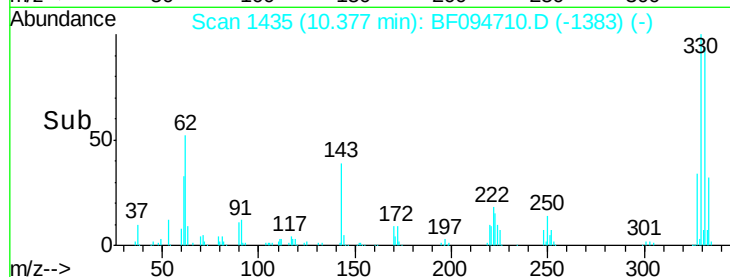
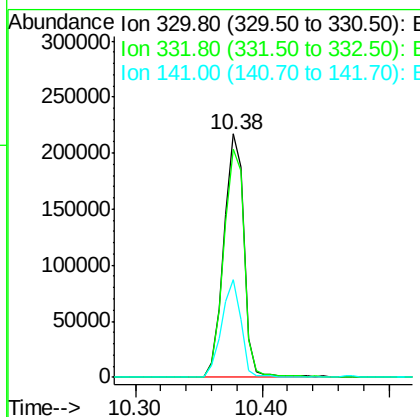
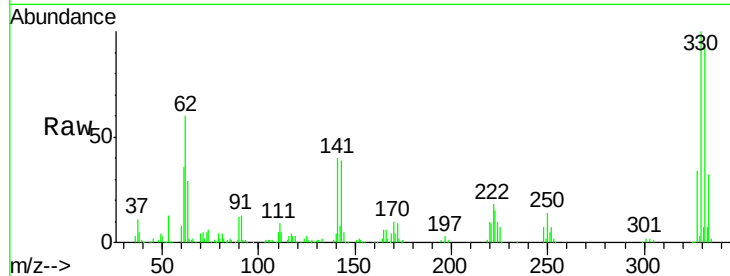
#41
 2,4,6-Tribromophenol
 Concen: 135.21 ng
 RT: 10.38 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampled :
 PB98571BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	239904		
332	96.8	76.6	115.0	
141	39.0	31.4	47.2	

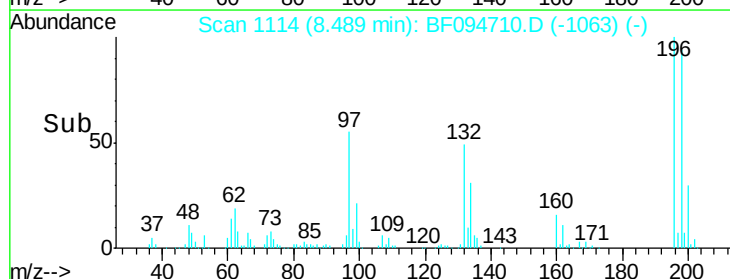
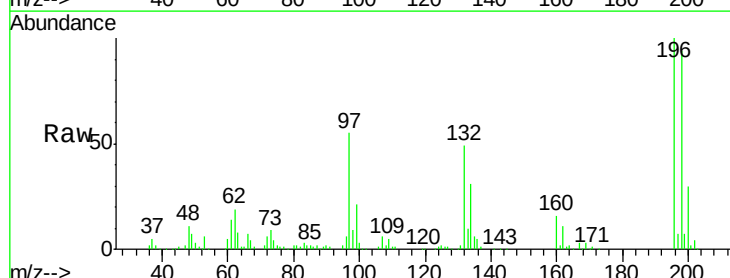
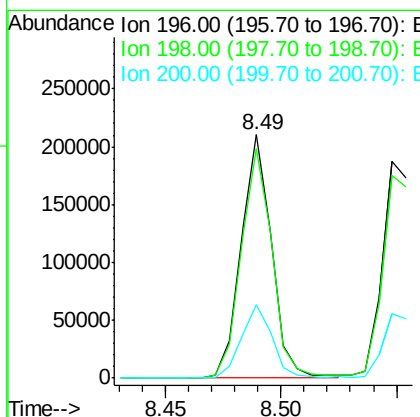
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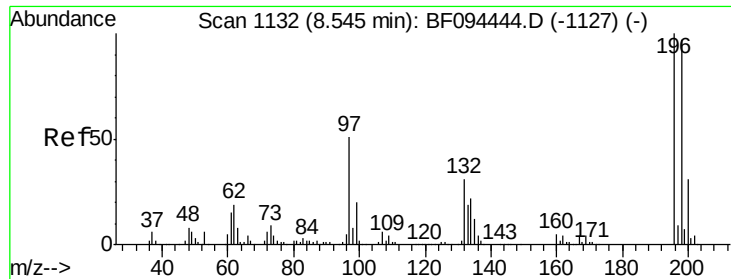
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#42
 2,4,6-Trichlorophenol
 Concen: 42.58 ng
 RT: 8.49 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	193135		
198	94.1	74.2	111.4	
200	30.3	24.0	36.0	





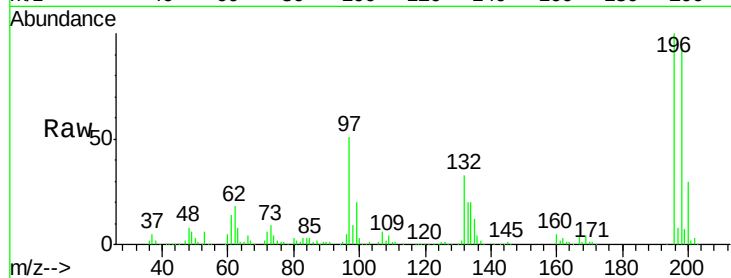
#43
 2,4,5-Trichlorophenol
 Concen: 44.14 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

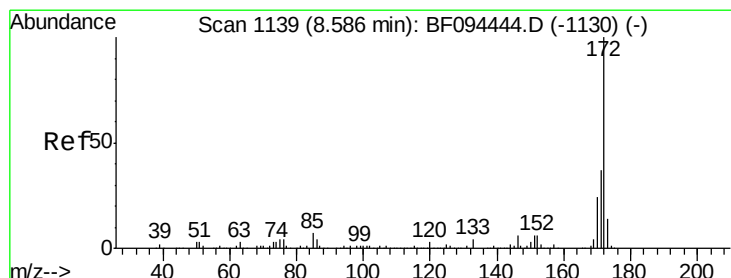
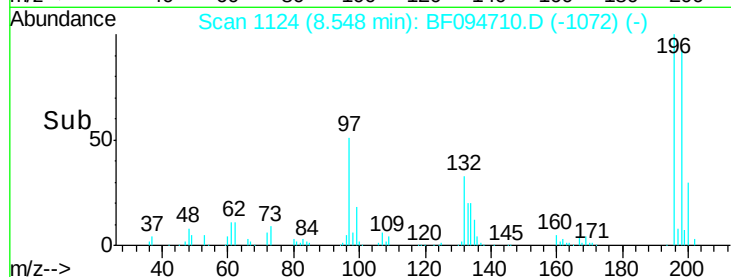
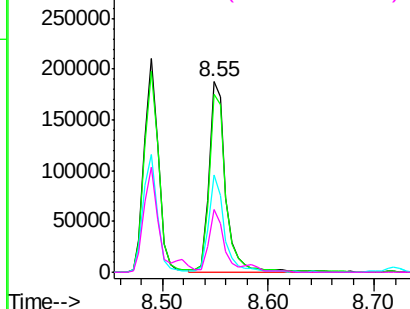
Tot Ion	196	Resp	205609
Ion Ratio	Lower	Upper	
196	100		
198	93.3	75.7	113.5
97	51.2	47.7	71.5
132	33.0	28.0	42.0

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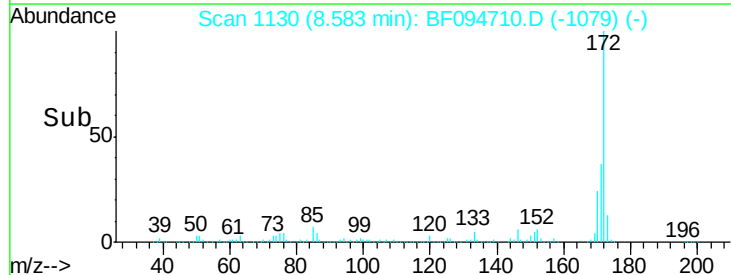
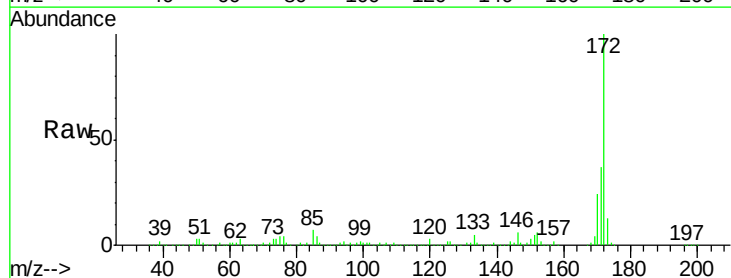
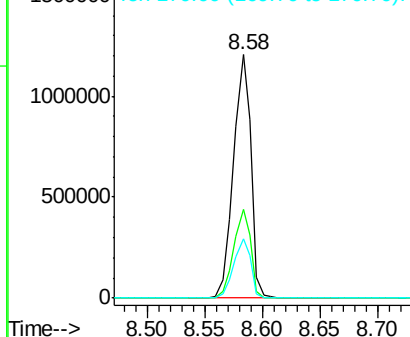
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

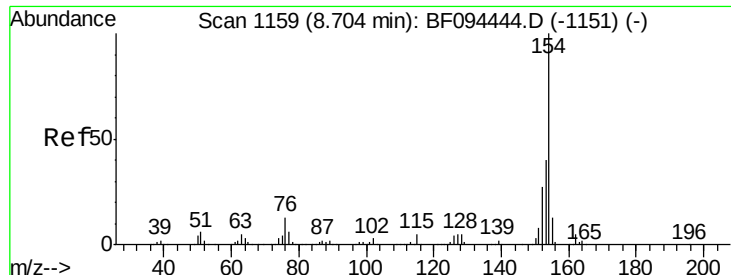


#44
 2-Fluorobiphenyl
 Concen: 81.71 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	172	Resp	1259719
Ion Ratio	Lower	Upper	
172	100		
171	36.6	29.6	44.4
170	24.2	19.8	29.8

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





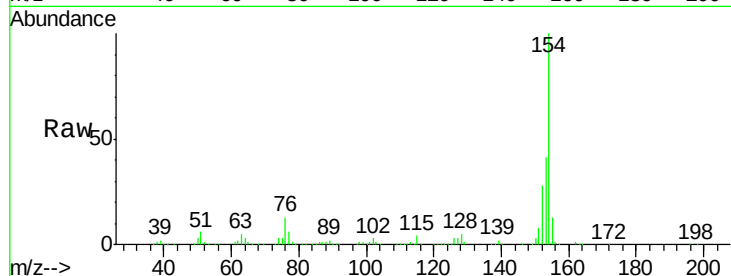
#45
 1,1'-Biphenyl
 Concen: 40.86 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.4	21.2	61.2	
76	12.7	0.0	29.9	

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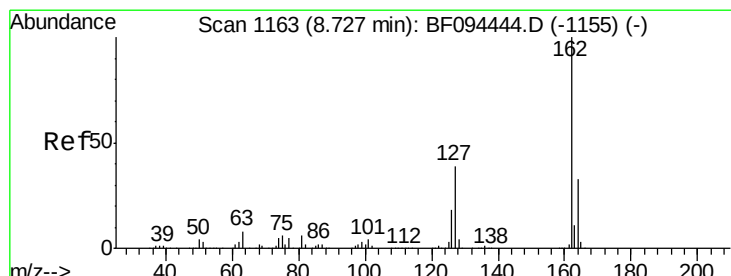
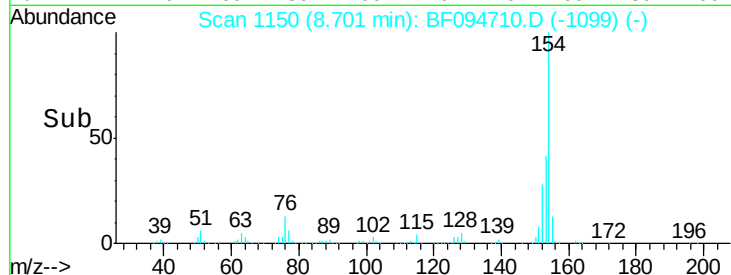
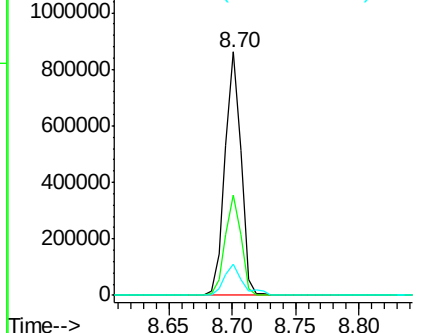


Abundance

Ion 154.00 (153.70 to 154.70): E

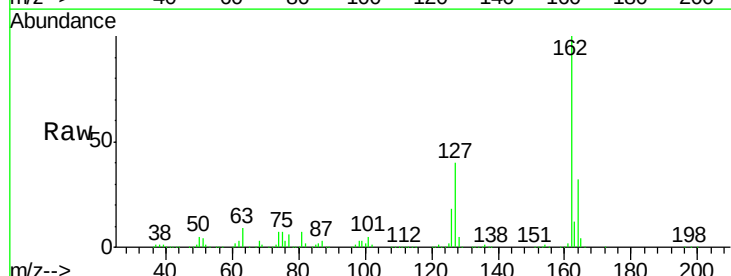
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 41.14 ng
 RT: 8.72 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	40.5	28.3	42.5	
164	32.4	27.0	40.4	

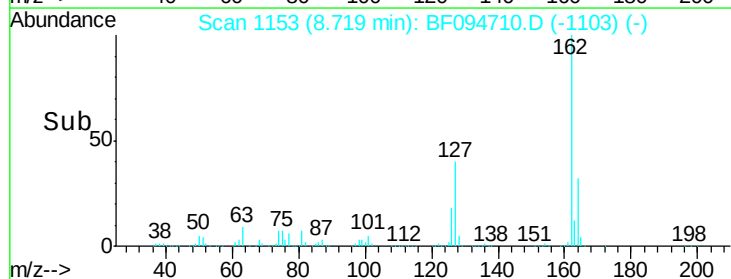
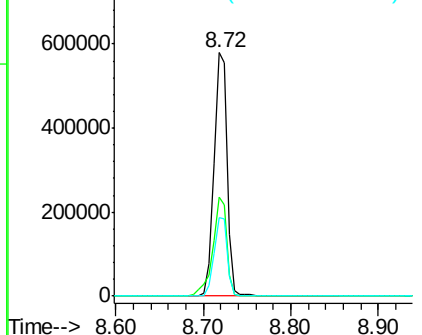


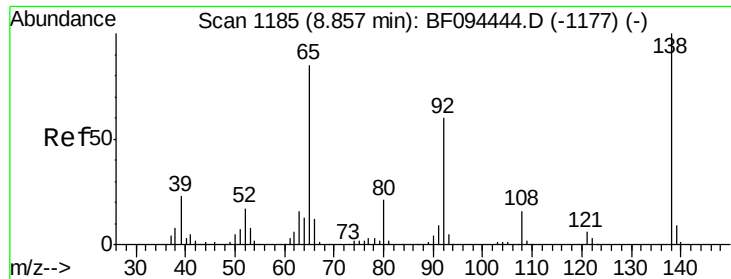
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





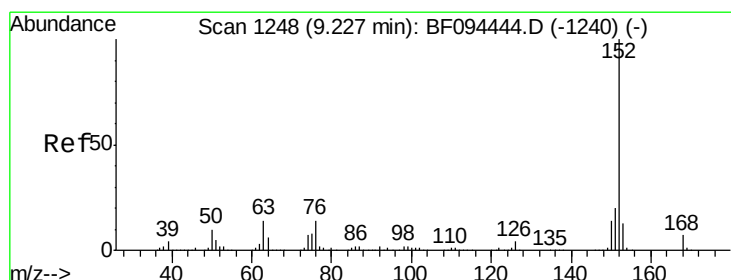
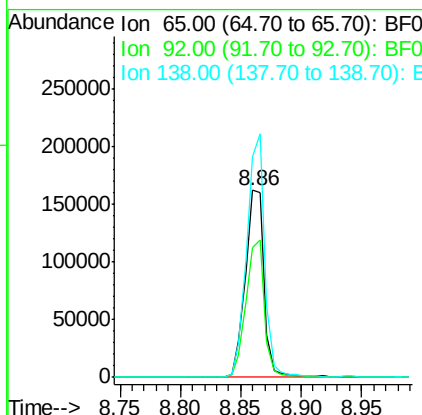
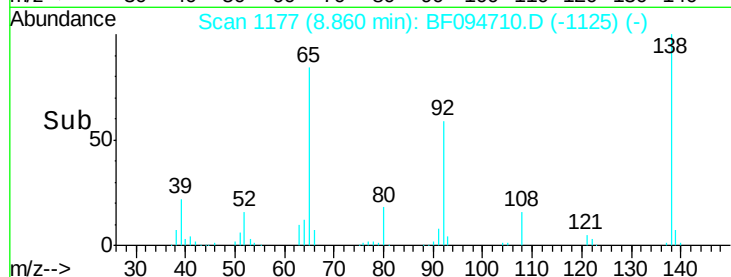
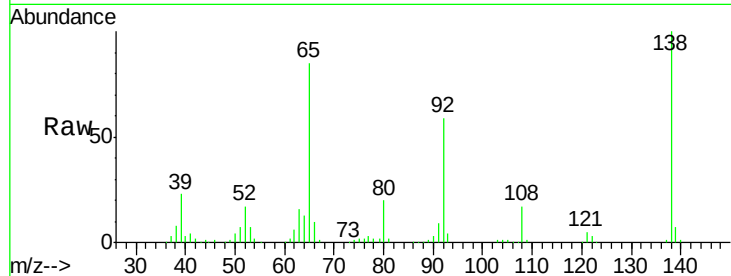
#47
 2-Nitroaniline
 Concen: 42.04 ng
 RT: 8.86 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.6	53.9	80.9
138	118.0	78.8	118.2

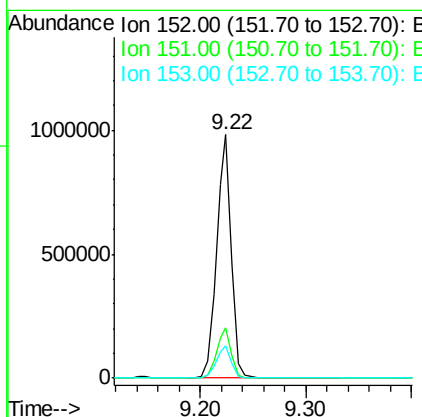
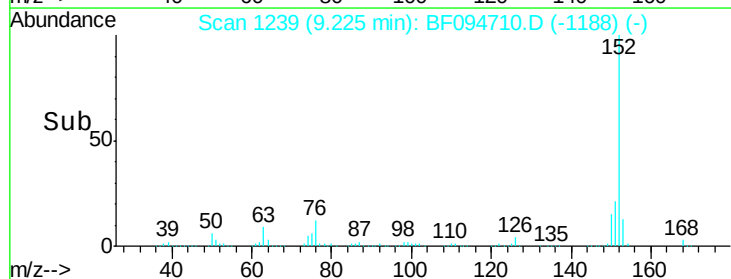
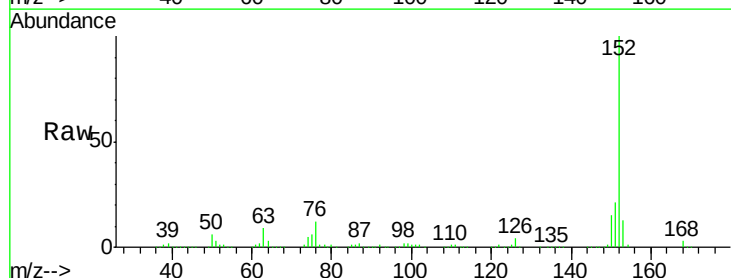
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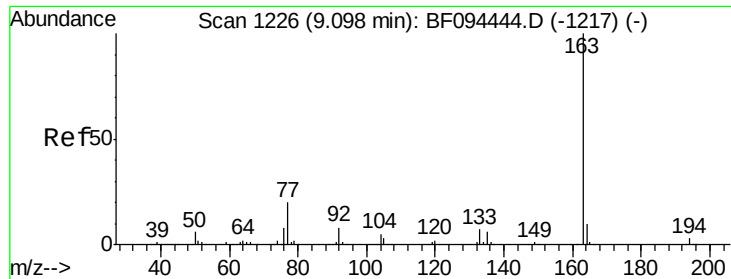
mohammad
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#48
 Acenaphthylene
 Concen: 41.84 ng
 RT: 9.22 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.3	10.8	16.2





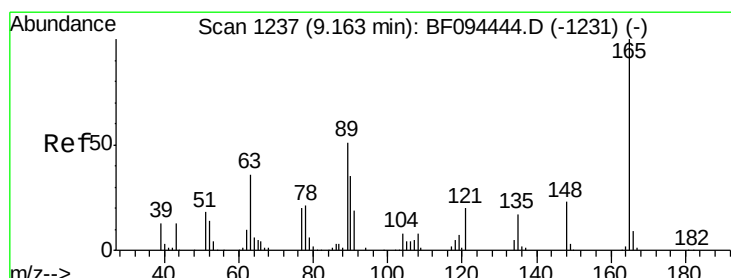
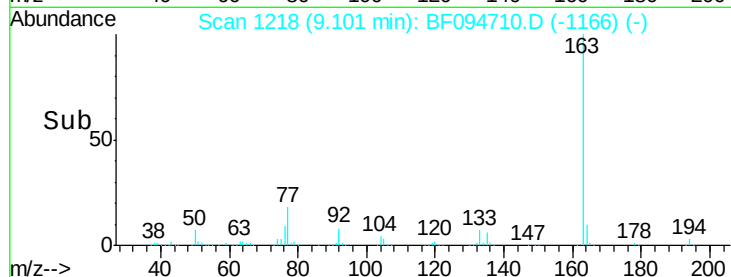
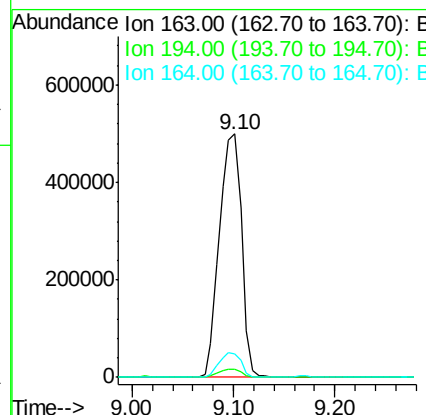
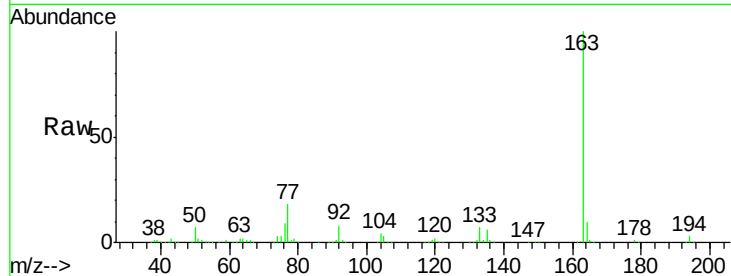
#49
Dimethylphthalate
Concen: 45.08 ng
RT: 9.10 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	762141		
194	3.5	2.6	4.0	
164	9.9	8.4	12.6	

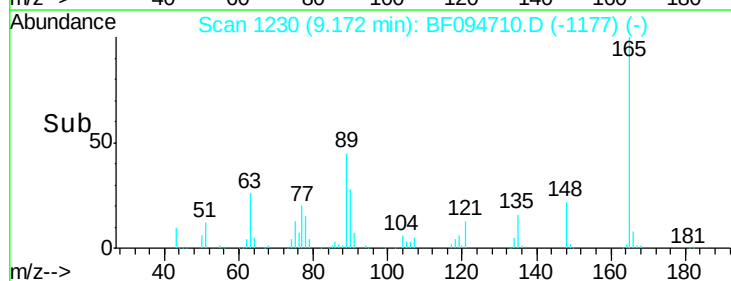
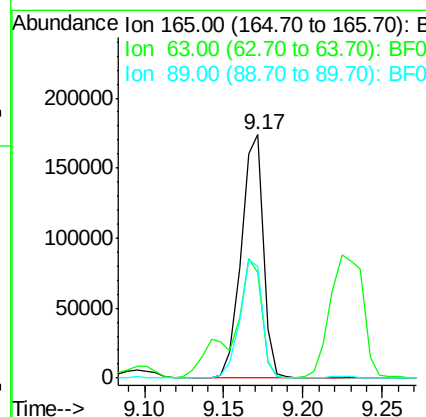
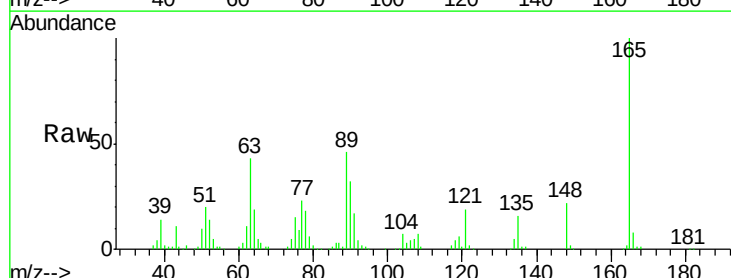
Manual Integrations
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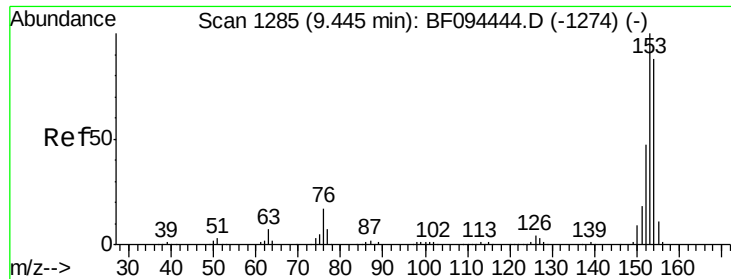
mohammad
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#50
2,6-Dinitrotoluene
Concen: 44.23 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	167824		
63	43.3	34.3	51.5	
89	46.1	37.1	55.7	





#51

Acenaphthene

Concen: 41.67 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

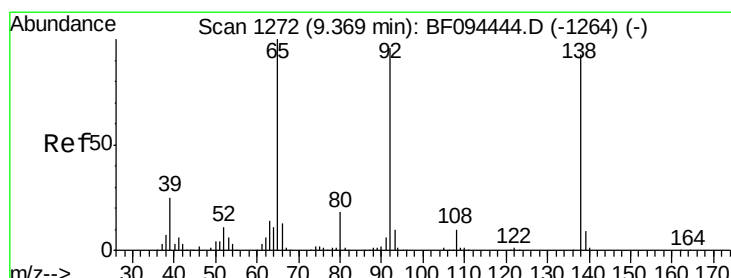
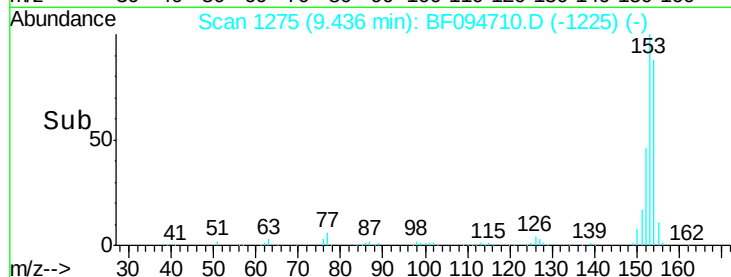
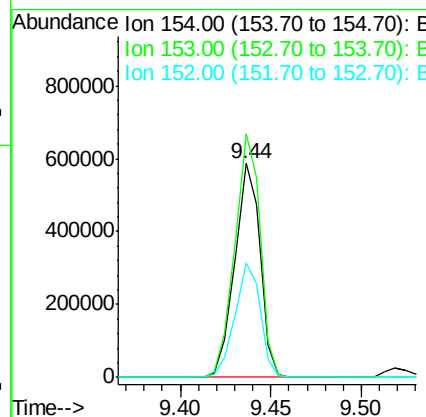
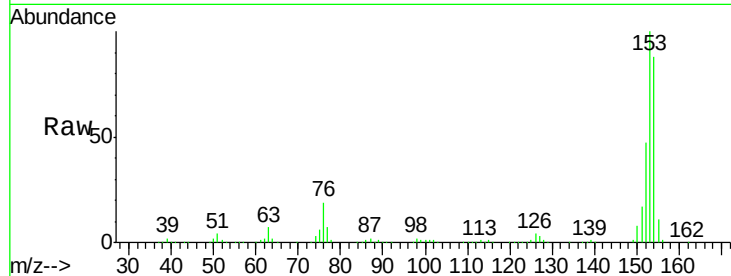
ClientSampleId :

PB98571BS

Tot Ion:	154	Resp:	573443
Ion Ratio	Lower	Upper	
154	100		
153	113.9	90.5	135.7
152	53.6	43.6	65.4

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#52

3-Nitroaniline

Concen: 20.98 ng

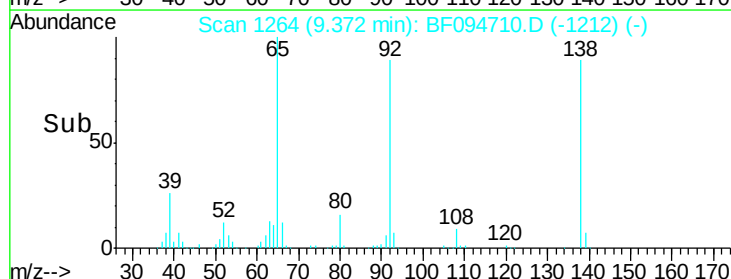
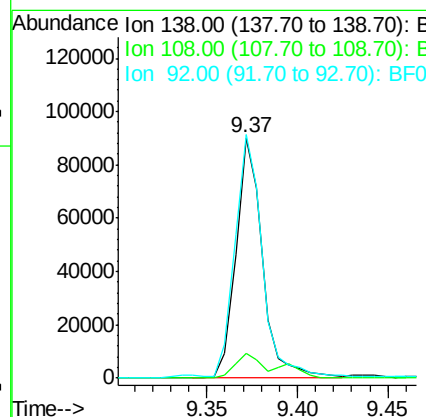
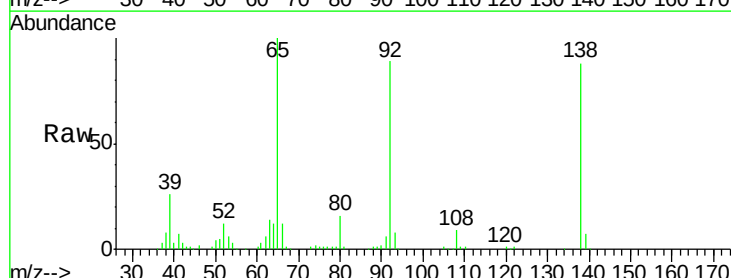
RT: 9.37 min Scan# 1264

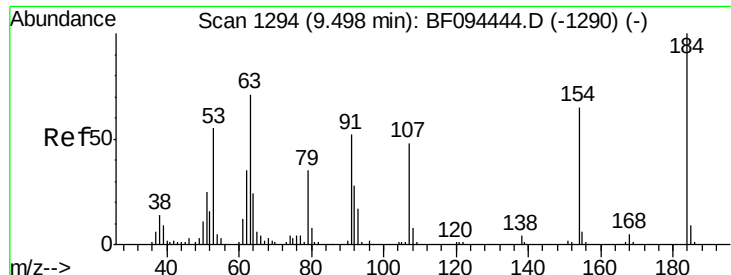
Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Tgt Ion:	138	Resp:	92107
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.1	13.7
92	101.5	93.8	140.6





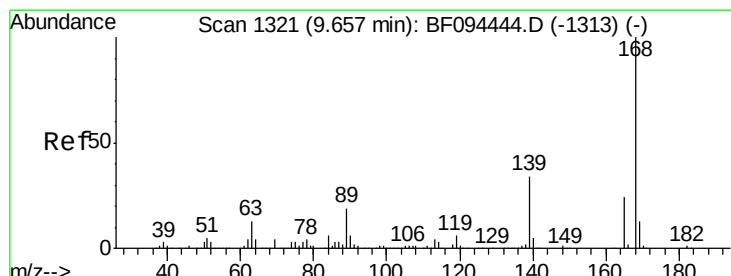
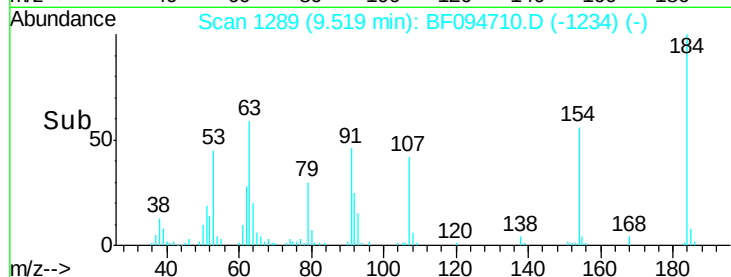
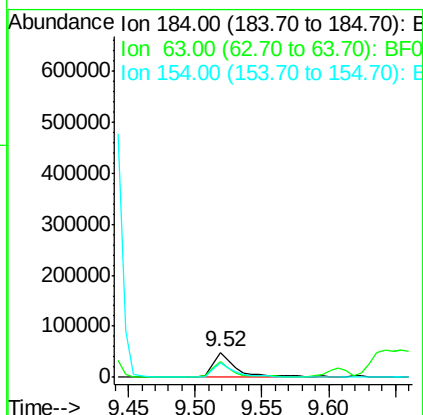
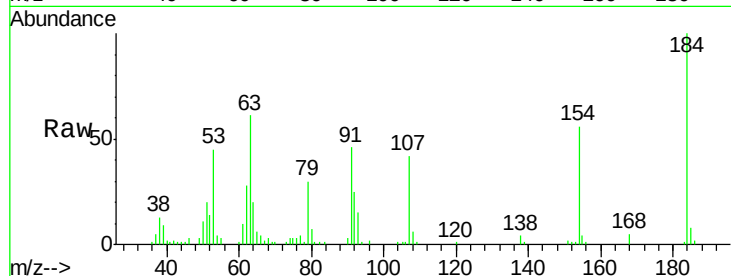
#53
 2,4-Dinitrophenol
 Concen: 33.18 ng
 RT: 9.52 min Scan# 1289
 Delta R.T. 0.02 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.8	62.7	94.1#
154	56.0	81.1	121.7#

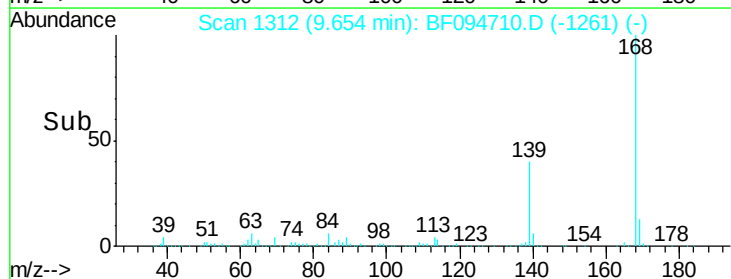
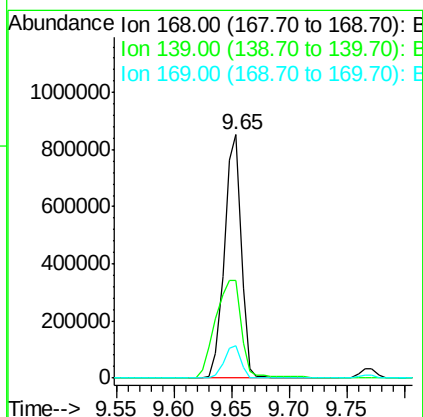
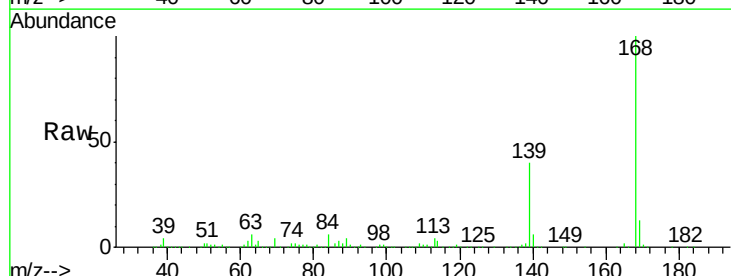
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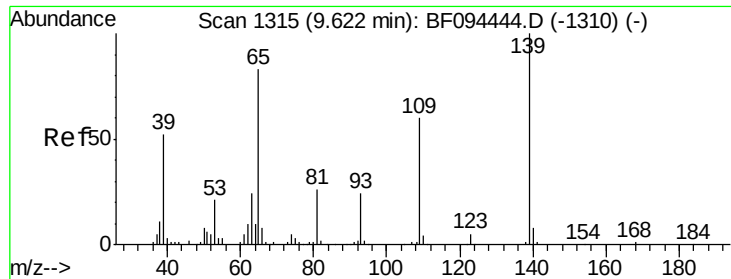
mohammad
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#54
 Dibenzofuran
 Concen: 42.89 ng
 RT: 9.65 min Scan# 1312
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.6	45.8
169	13.3	10.8	16.2





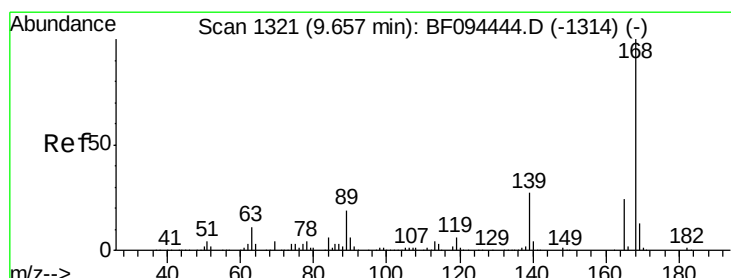
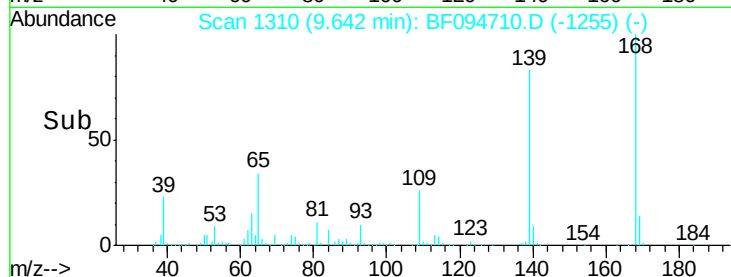
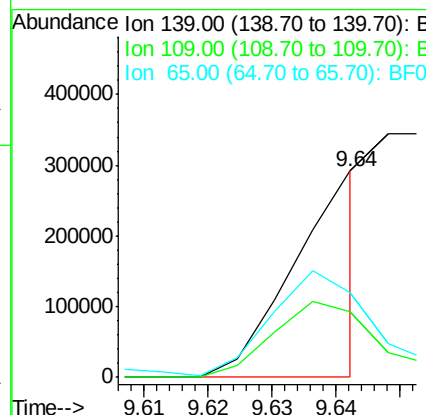
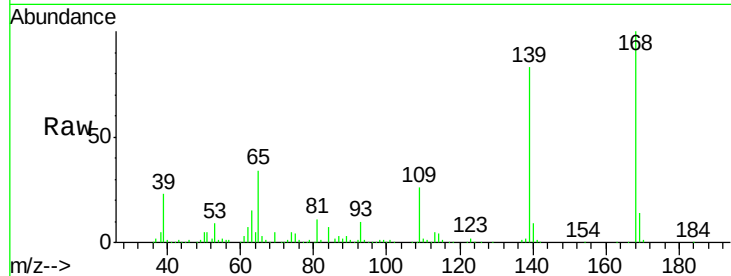
#55
4-Nitrophenol
Concen: 72.23 ng/ml
RT: 9.64 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	31.7	34.1	74.1#
65	40.9	31.4	71.4

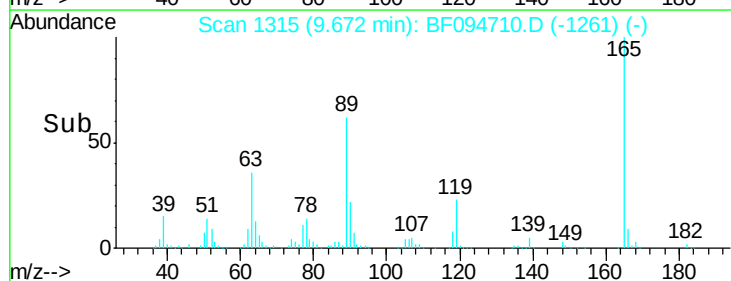
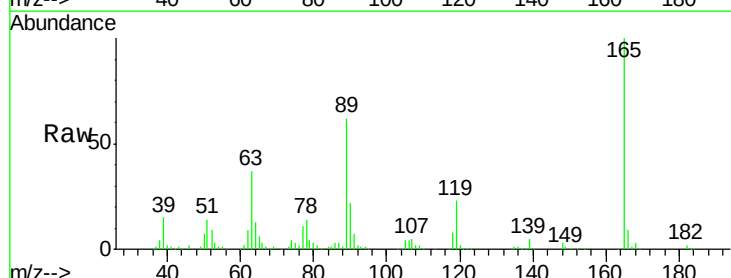
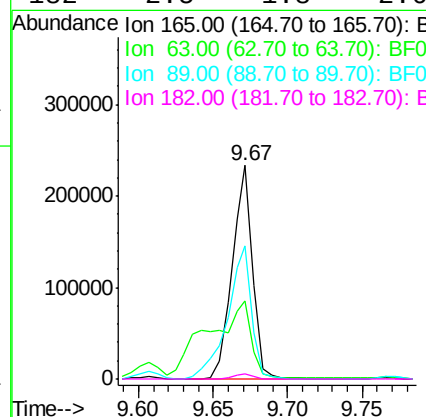
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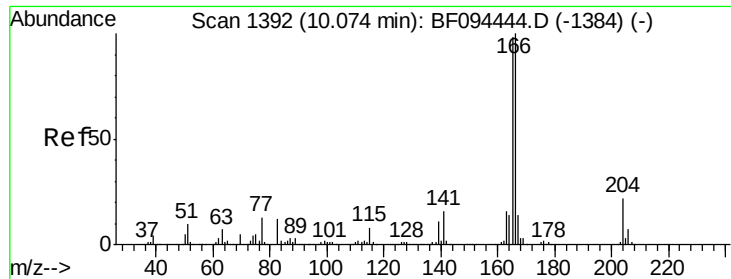
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#56
2,4-Dinitrotoluene
Concen: 48.46 ng
RT: 9.67 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.6	25.4	38.0
89	62.4	46.4	69.6
182	2.5	1.8	2.6





#57

Fluorene

Concen: 42.81 ng

RT: 10.07 min Scan# 1383

Delta R.T. -0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

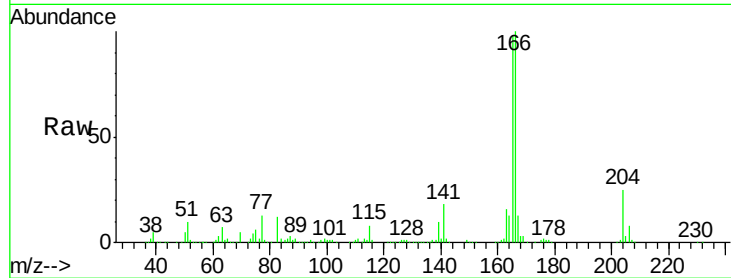
ClientSampleId :

PB98571BS

Tot Ion:	166	Resp:	666758
Ion Ratio	Lower	Upper	
166	100		
165	97.6	78.8	118.2
167	13.2	10.6	16.0

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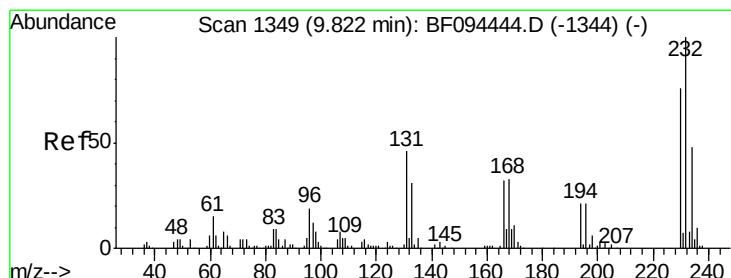
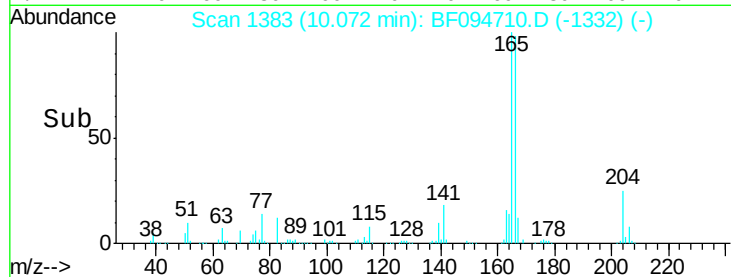
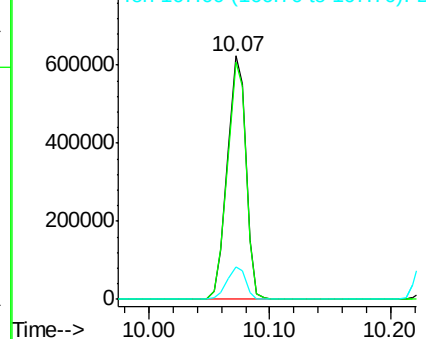


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.57 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Tgt Ion:	232	Resp:	148827
Ion Ratio	Lower	Upper	
232	100		
131	50.0	44.8	67.2
130	2.3	2.3	3.5#
166	34.6	29.0	43.4

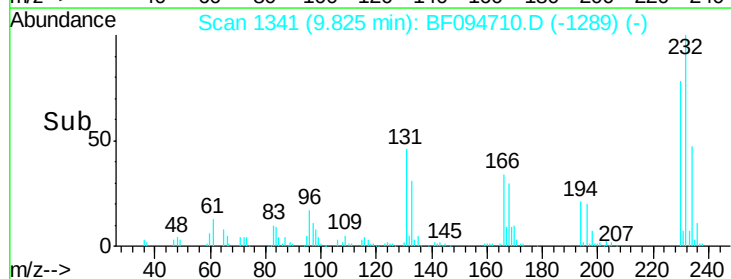
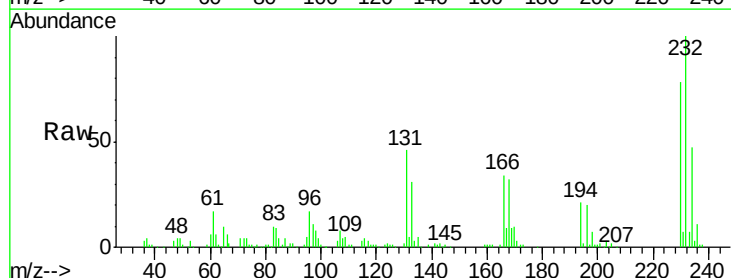
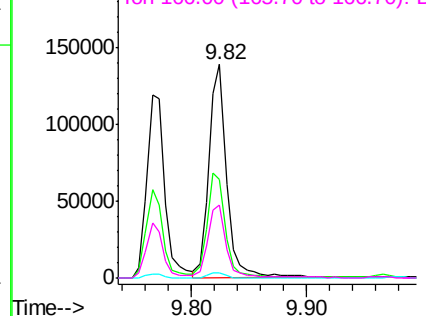
Abundance

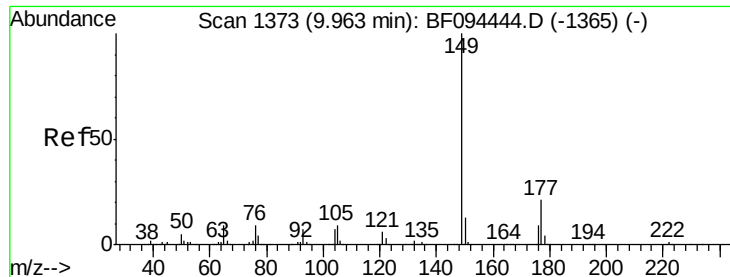
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





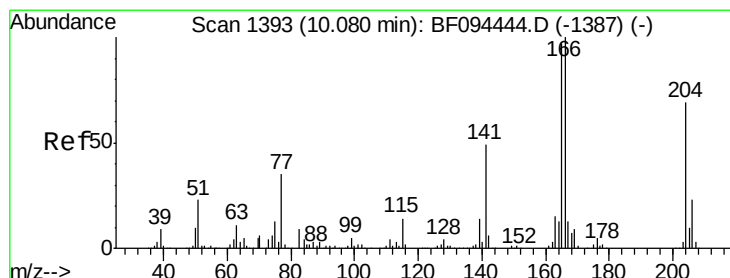
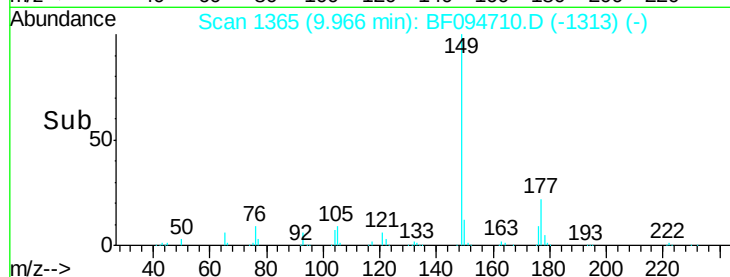
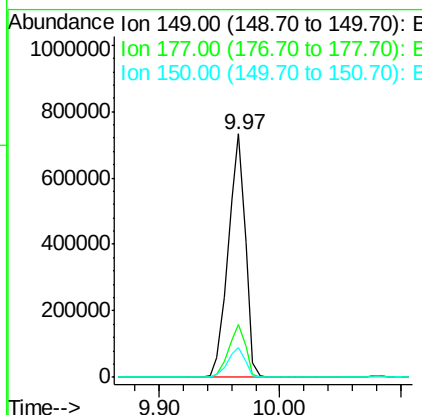
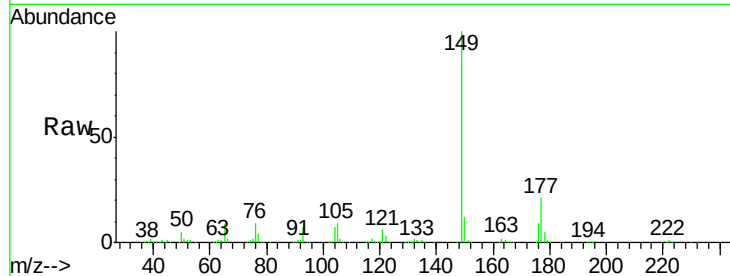
#59
Diethylphthalate
Concen: 45.12 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.1	10.2	15.2

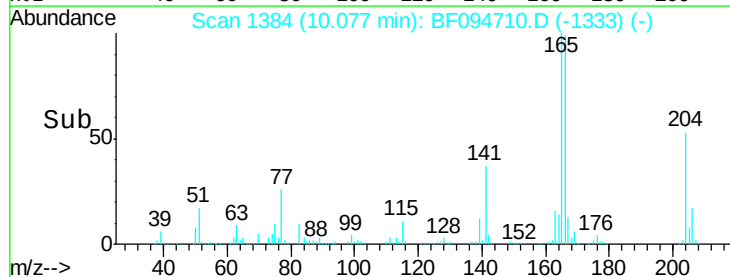
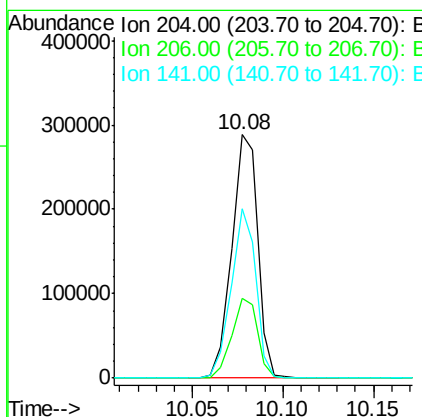
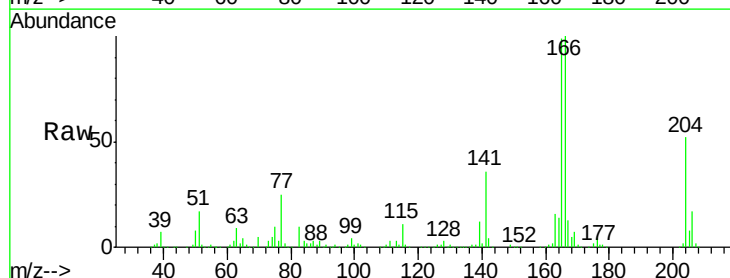
Manual Integrations
APPROVED

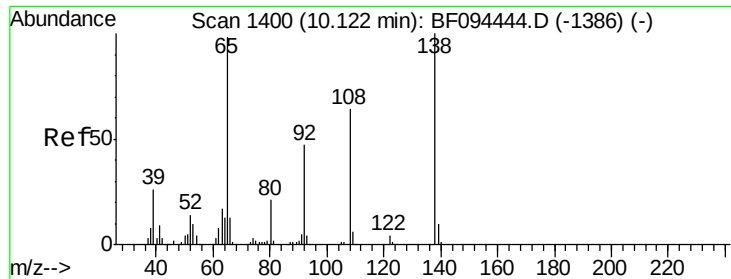
mohammad
5/1/2017 7:50:44 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.30 ng
RT: 10.08 min Scan# 1384
Delta R.T. -0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	69.6	60.8	91.2





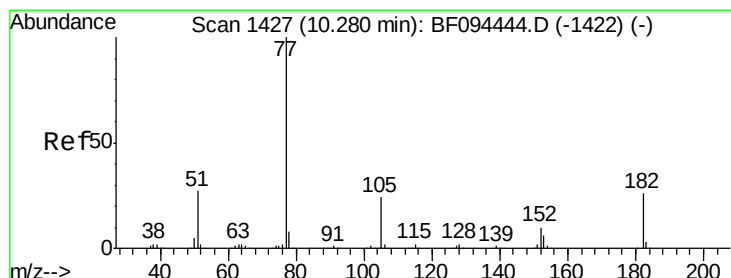
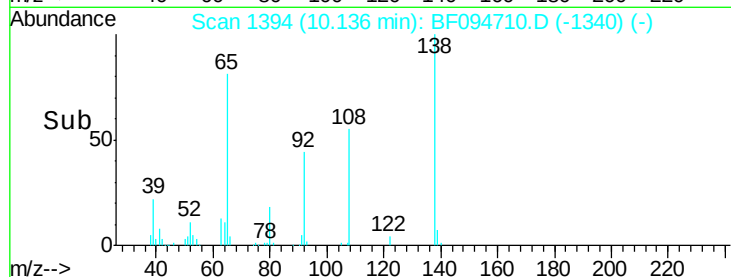
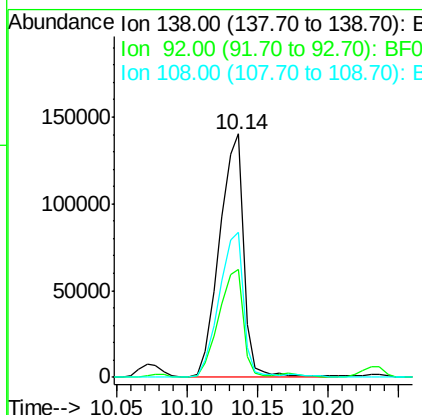
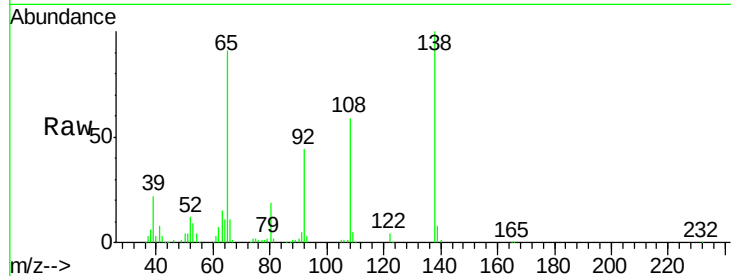
#61
4-Nitroaniline
Concen: 37.79 ng
RT: 10.14 min Scan# 1394
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	44.1	21.8	61.8
108	59.3	42.3	82.3

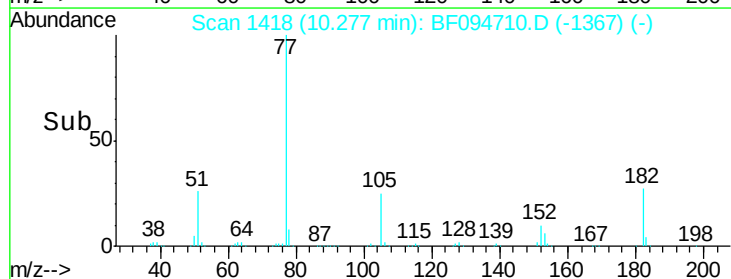
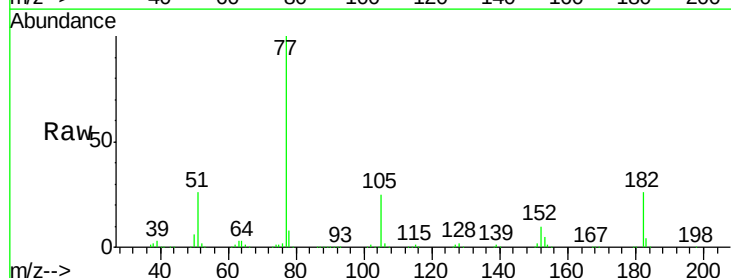
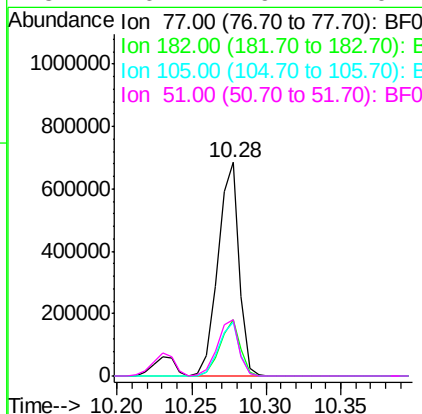
Manual Integrations
APPROVED

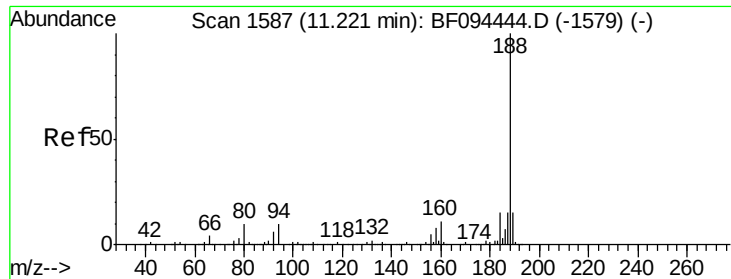
mohammad
5/1/2017 7:50:44 PM



#62
Azobenzene
Concen: 43.78 ng
RT: 10.28 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	26.5	0.1	40.1
105	25.2	3.6	43.6
51	26.2	9.4	49.4





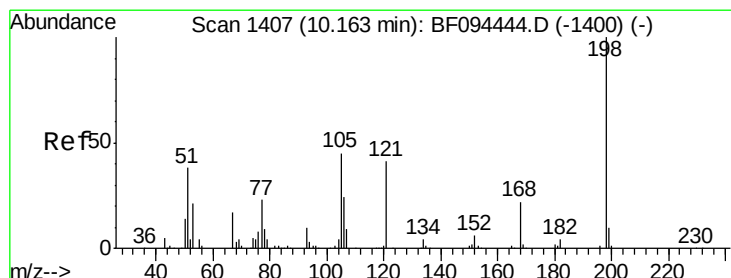
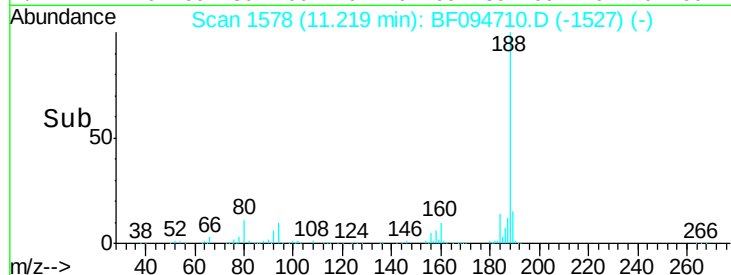
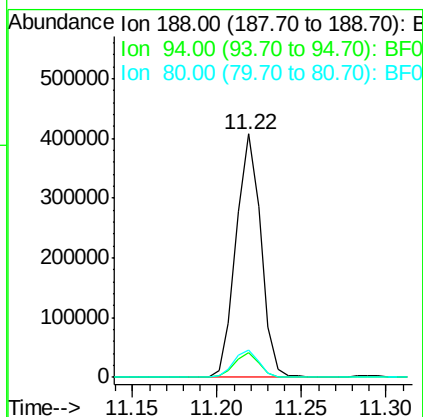
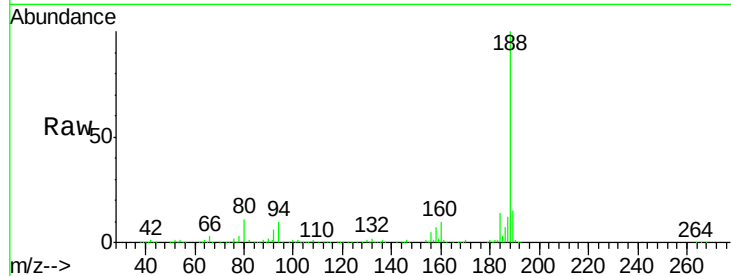
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	415882		
94	10.4		9.4	14.2
80	11.3		10.2	15.2

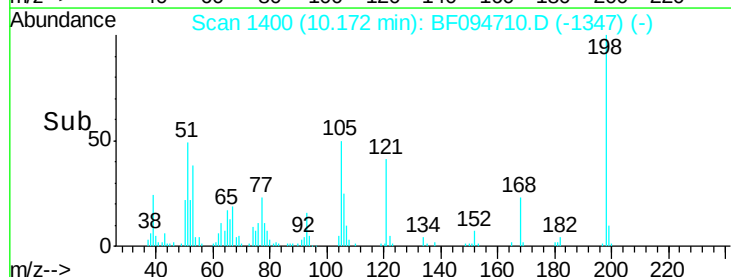
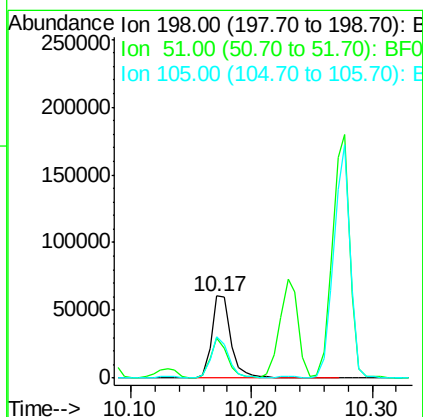
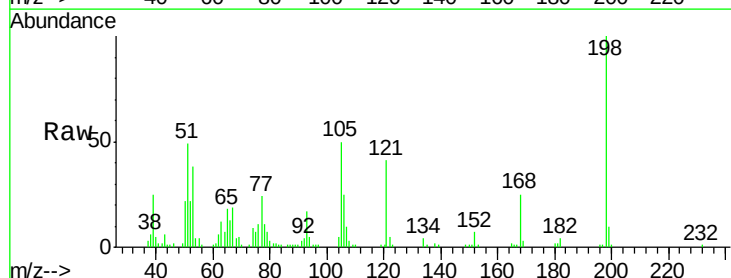
Manual Integrations
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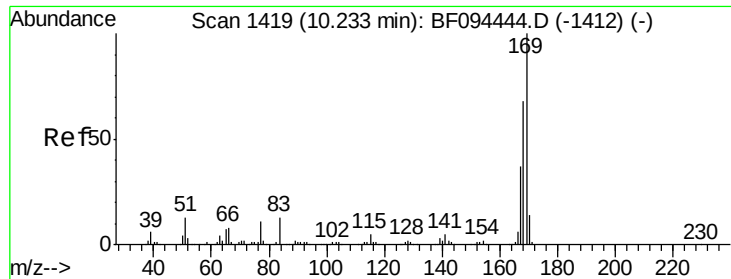
mohammad
5/1/2017 7:50:44 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 24.42 ng
RT: 10.17 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	66551		
51	49.2		53.2	93.2#
105	50.5		45.8	85.8





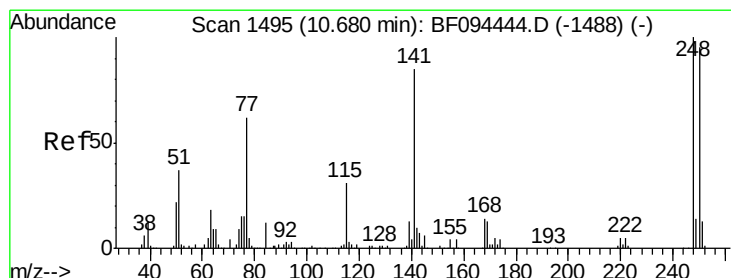
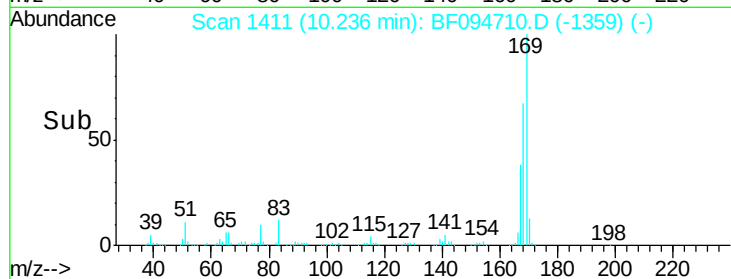
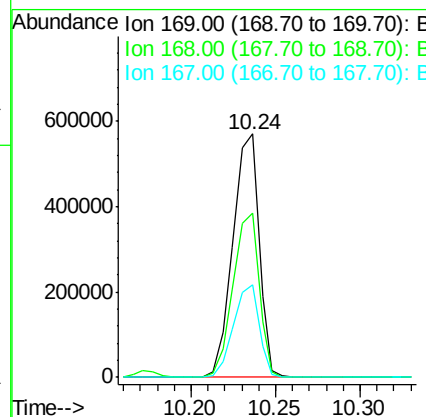
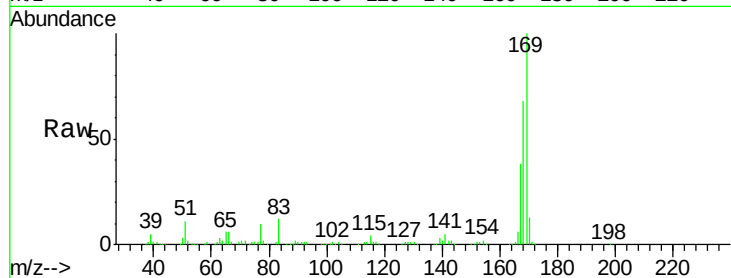
#65
 n-Nitrosodiphenylamine
 Concen: 42.63 ng
 RT: 10.24 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	616535		
168	67.5	53.2	79.8	
167	37.8	29.5	44.3	

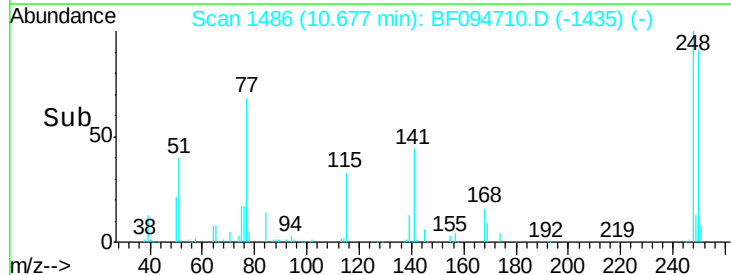
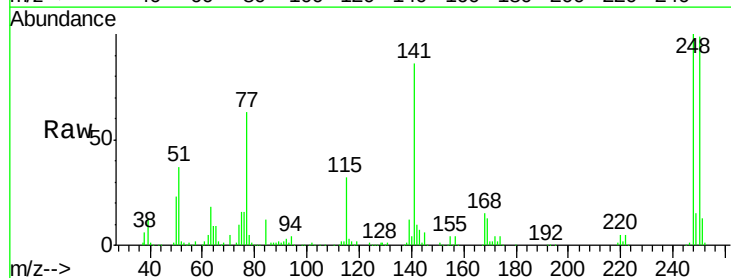
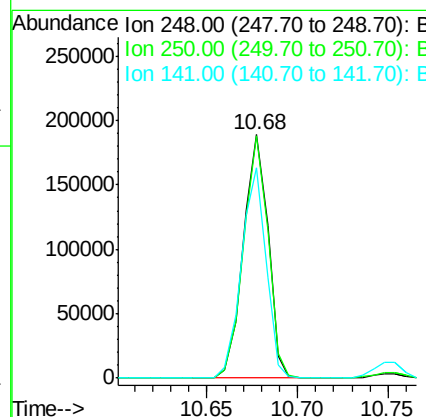
Manual Integrations
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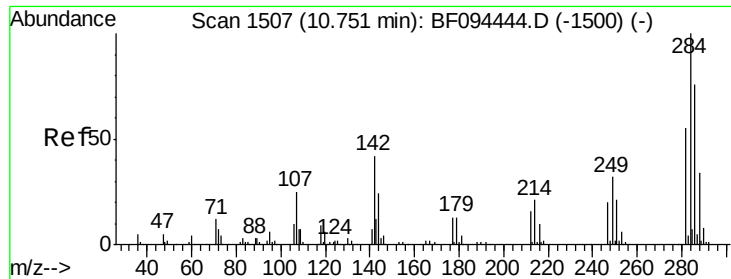
mohammad
 5/1/2017 7:50:44 PM



#66
 4-Bromophenyl-phenylether
 Concen: 43.54 ng
 RT: 10.68 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	179804		
250	99.4	76.8	115.2	
141	86.5	68.6	103.0	





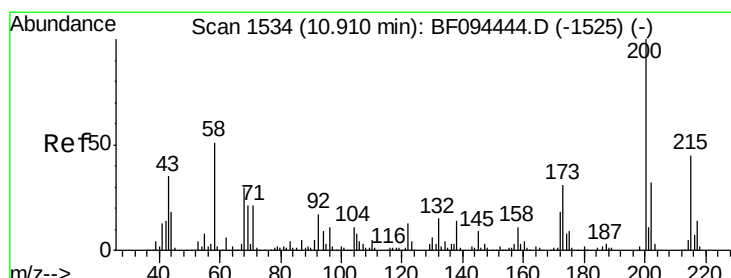
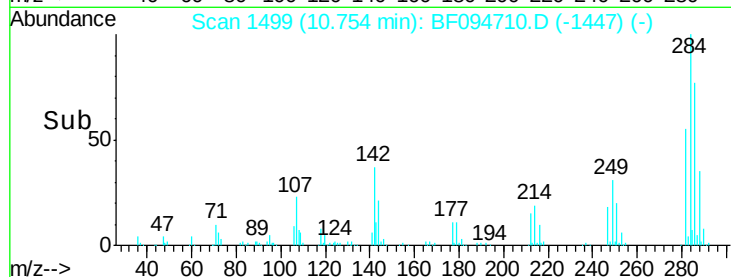
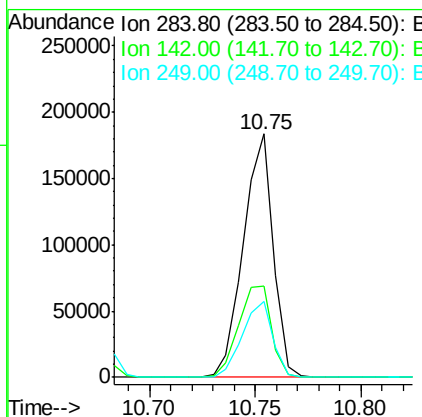
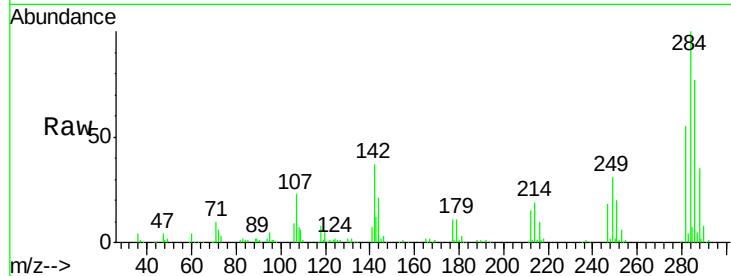
#67
Hexachlorobenzene
Concen: 43.30 ng
RT: 10.75 min Scan# 1499
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	180190		
142	37.3	22.8	34.2	#
249	31.2	24.0	36.0	

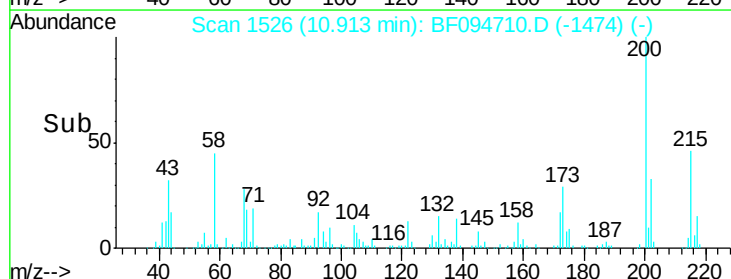
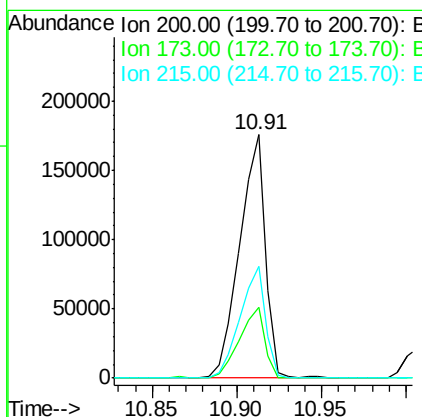
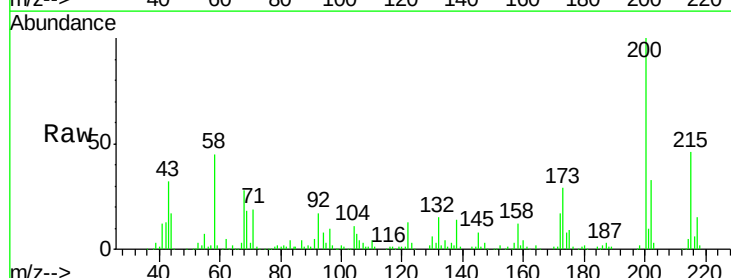
Manual Integrations
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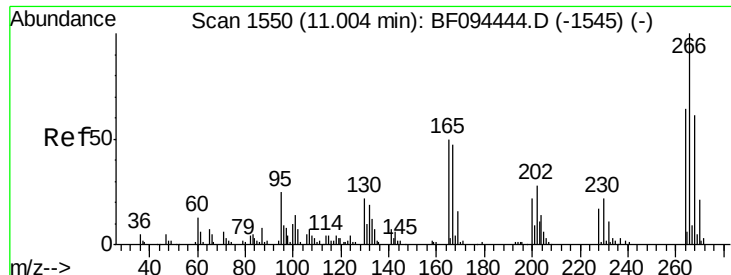
mohammad
5/1/2017 7:50:44 PM



#68
Atrazine
Concen: 43.31 ng
RT: 10.91 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	187416		
173	29.3	6.3	46.3	
215	46.1	27.2	67.2	





#69

Pentachlorophenol

Concen: 72.18 ng

RT: 11.01 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

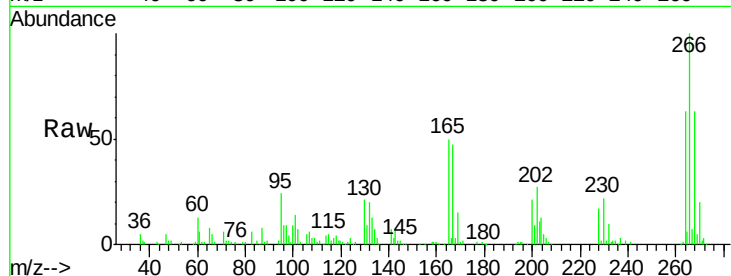
ClientSampleId :

PB98571BS

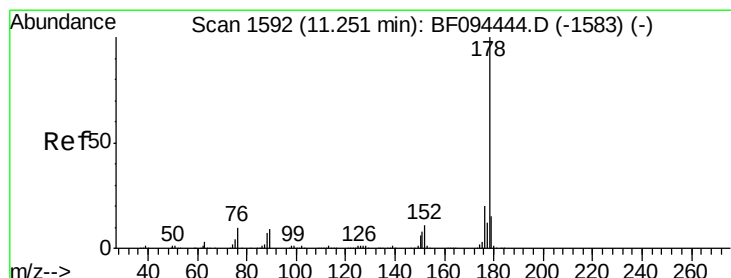
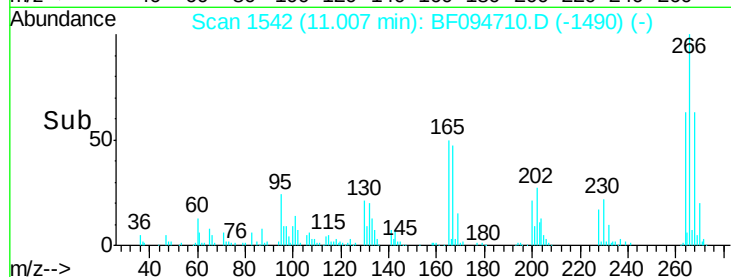
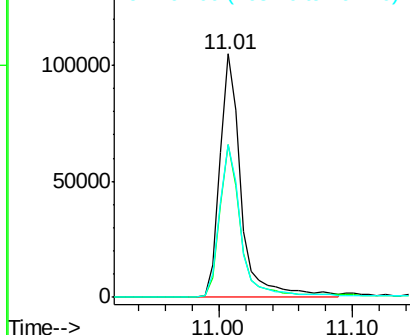
Tot Ion:	266	Resp:	119281
Ion Ratio	Lower	Upper	
266	100		
268	62.5	51.1	76.7
264	63.0	51.7	77.5

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



#70

Phenanthrene

Concen: 41.63 ng

RT: 11.25 min Scan# 1584

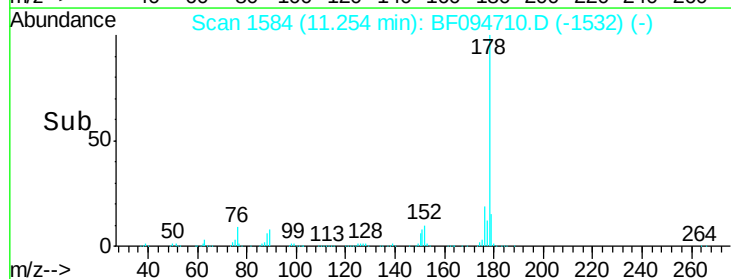
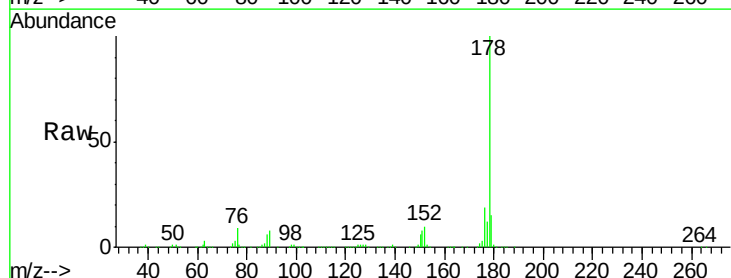
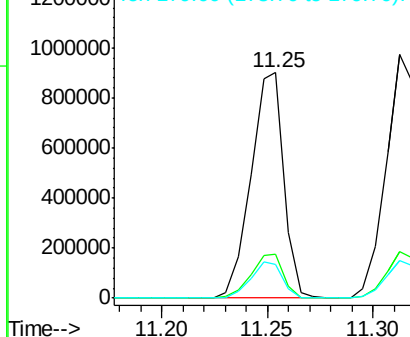
Delta R.T. 0.00 min

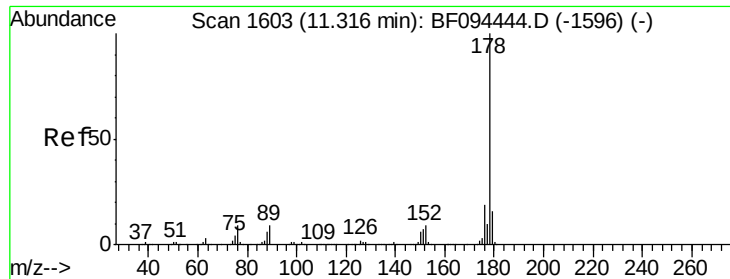
Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Tgt Ion:	178	Resp:	974908
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.2	24.4
179	15.2	12.6	19.0

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





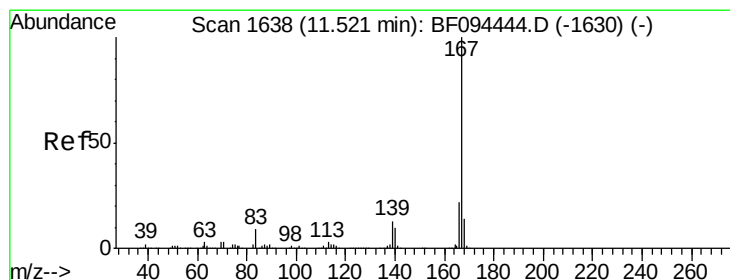
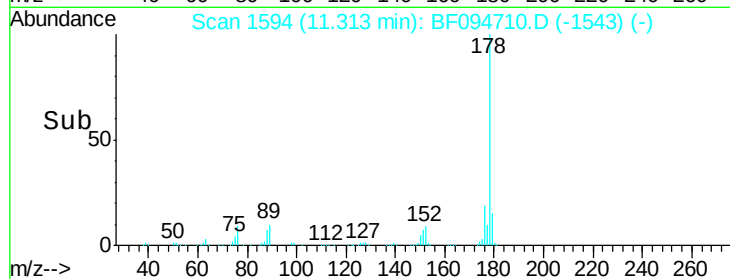
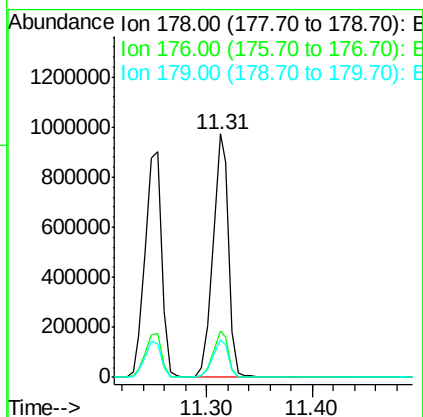
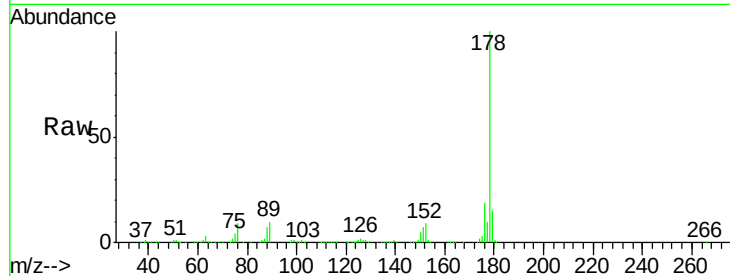
#71
 Anthracene
 Concen: 42.12 ng
 RT: 11.31 min Scan# 1594
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

Tot Ion:178 Resp: 1020387
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.4 12.7 19.1

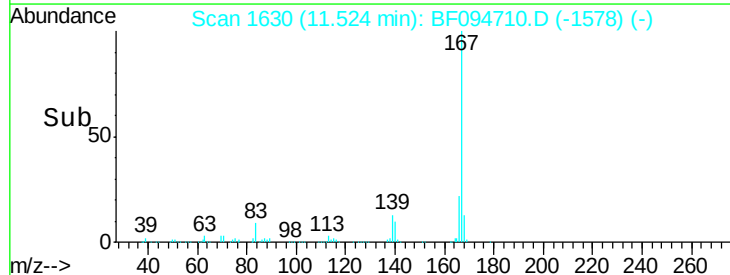
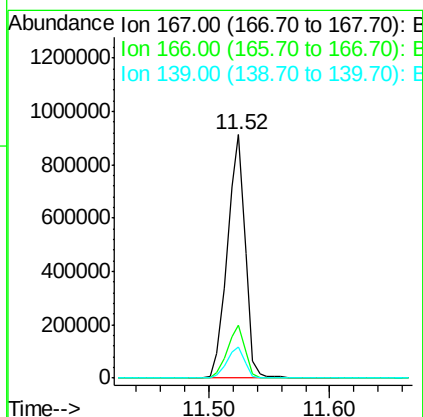
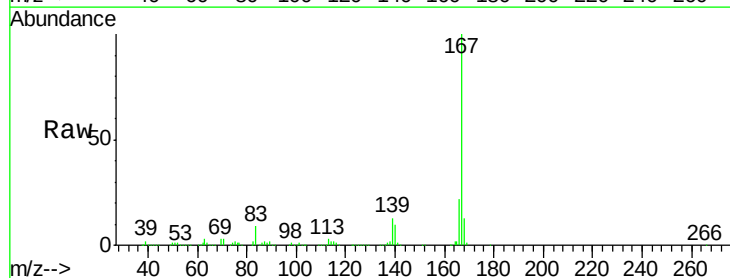
Manual Integrations
 APPROVED

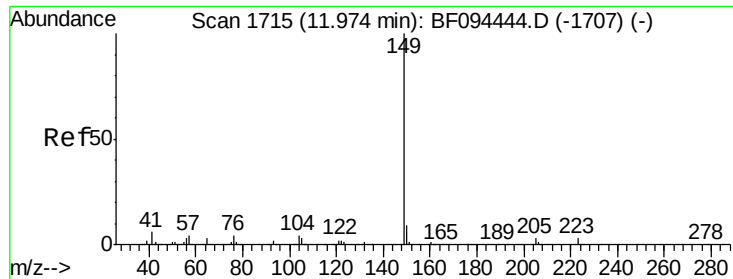
mohammad
 5/1/2017 7:50:44 PM



#72
 Carbazole
 Concen: 41.13 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion:167 Resp: 935183
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 46.55 ng

RT: 11.97 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampleId :

PB98571BS

Tot Ion:149 Resp: 1165248

Ion Ratio Lower Upper

149 100

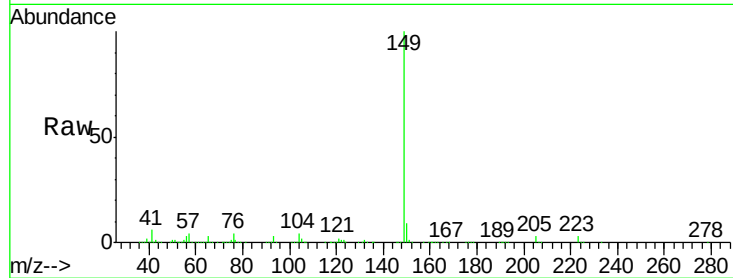
150 9.2 7.7 11.5

104 4.3 4.0 6.0

Manual Integrations
APPROVED

mohammad

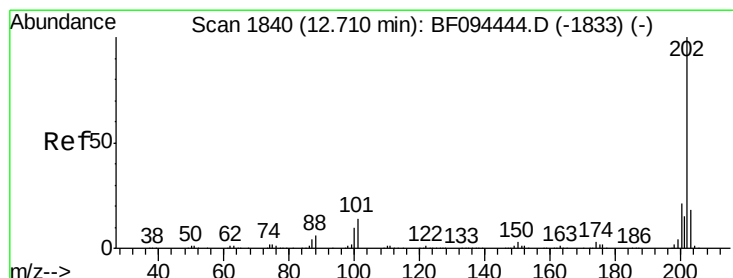
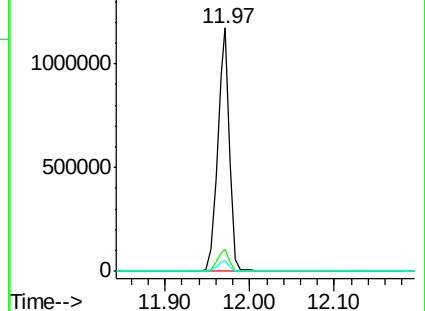
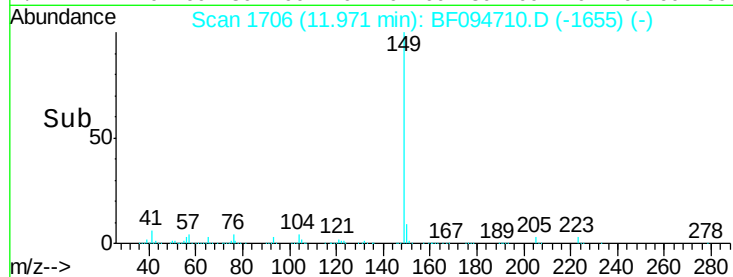
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.02 ng

RT: 12.71 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF094710.D

Acq: 30 Apr 2017 13:16

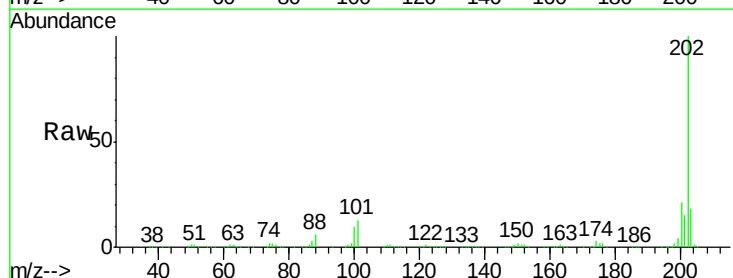
Tgt Ion:202 Resp: 1019926

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.2

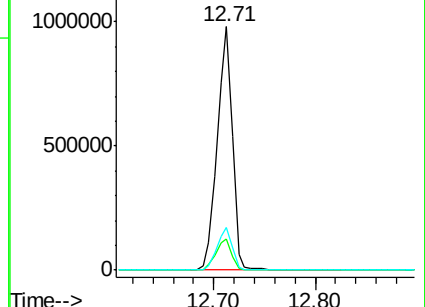
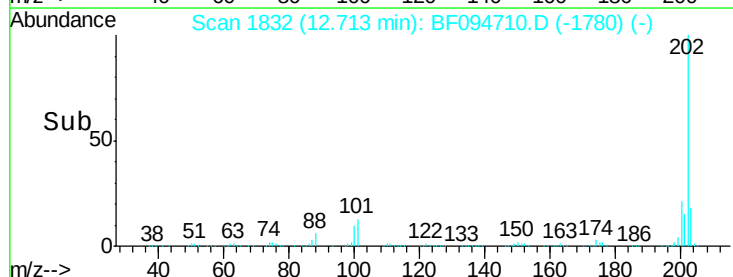
203 17.7 0.0 38.1

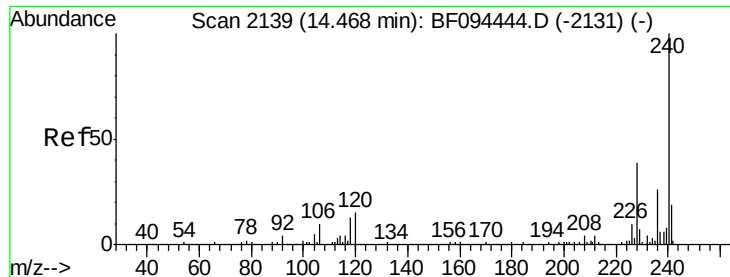


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





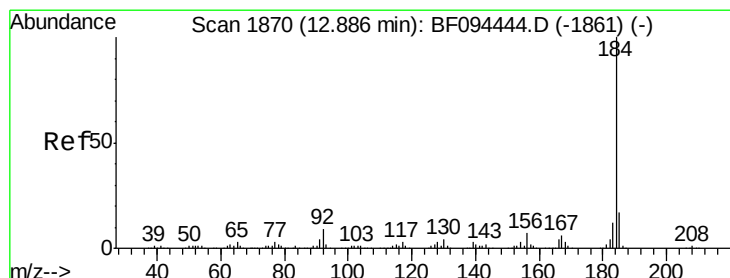
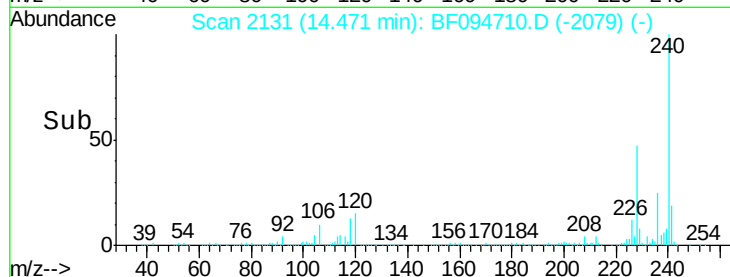
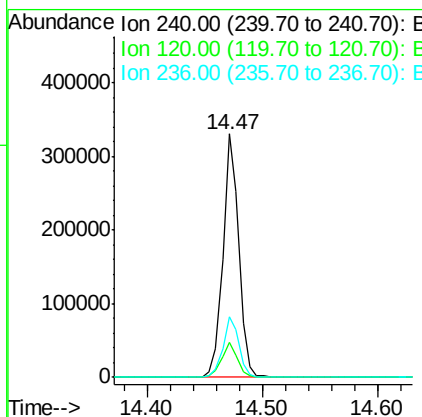
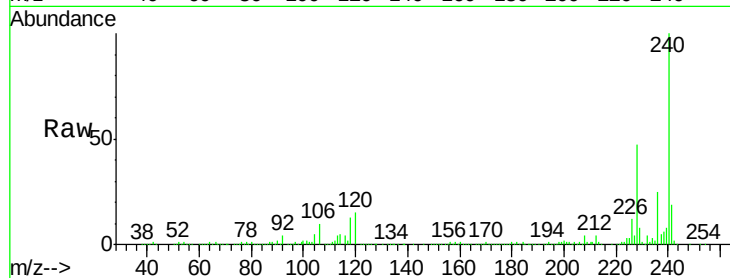
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	24.7	20.5	30.7

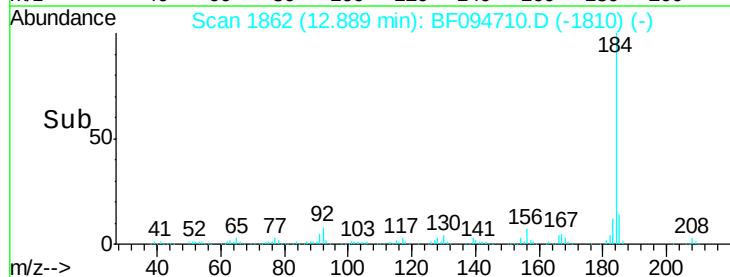
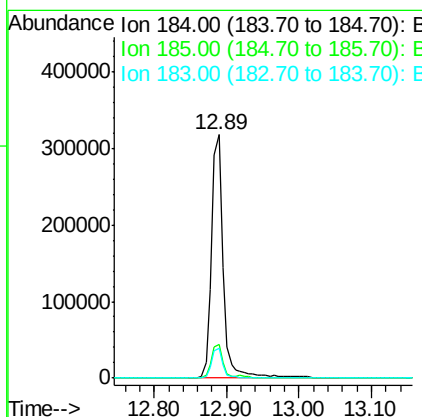
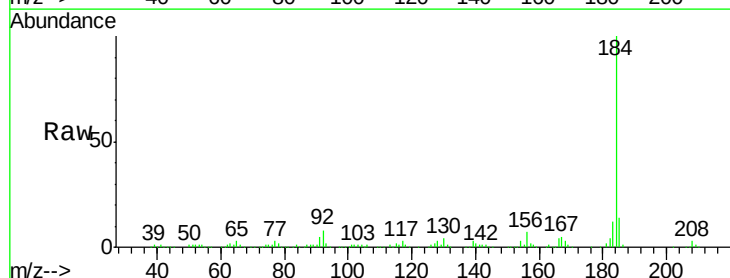
Manual Integrations
APPROVED

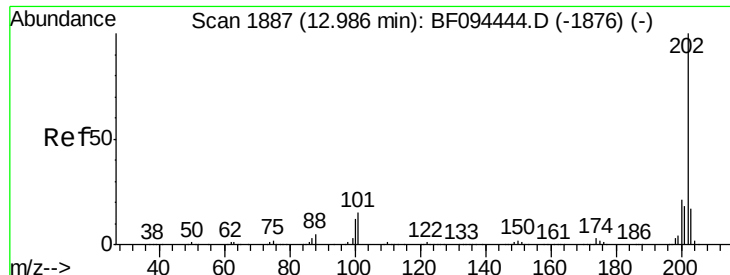
mohammad
5/1/2017 7:50:44 PM



#76
Benzidine
Concen: 28.48 ng
RT: 12.89 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	15.5	23.3#
183	12.0	9.8	14.6





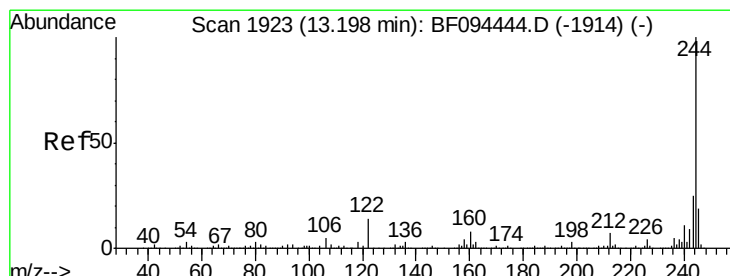
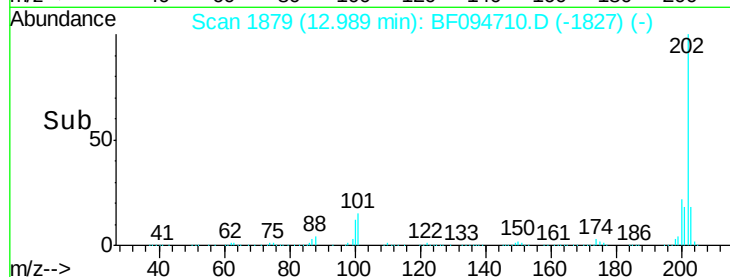
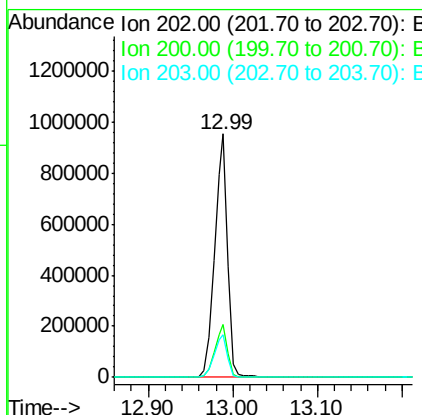
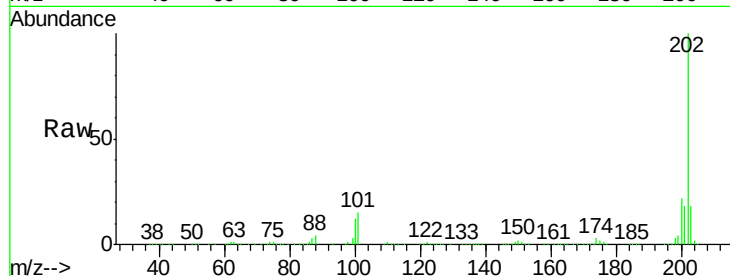
#77
Pvrene
Concen: 46.95 ng
RT: 12.99 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

Tot Ion: 202 Resp: 1030844
Ion Ratio Lower Upper
202 100
200 21.6 17.6 26.4
203 17.8 14.4 21.6

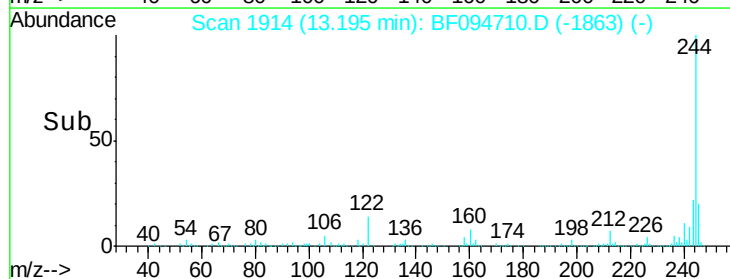
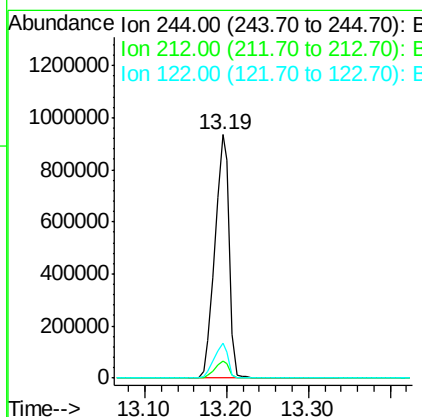
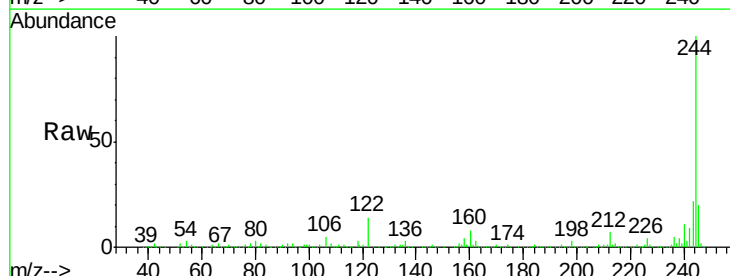
Manual Integrations
APPROVED

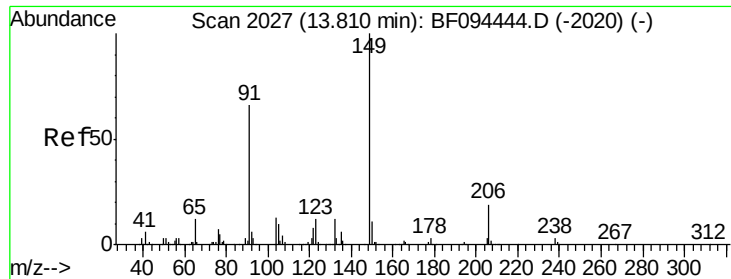
mohammad
5/1/2017 7:50:44 PM



#78
Terphenyl-d14
Concen: 97.33 ng
RT: 13.19 min Scan# 1914
Delta R.T. -0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion: 244 Resp: 1144456
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 14.3 10.3 15.5





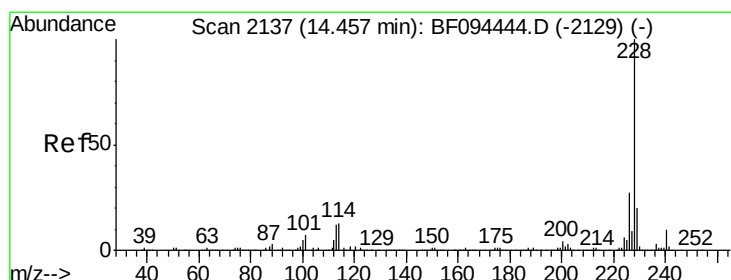
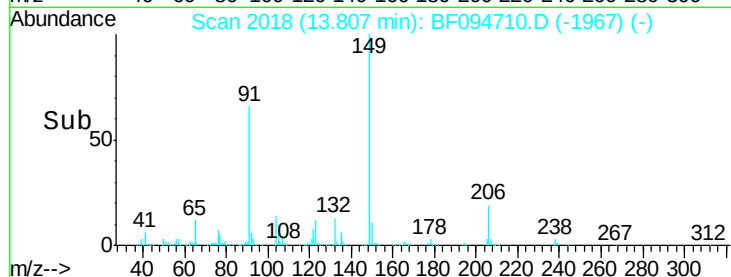
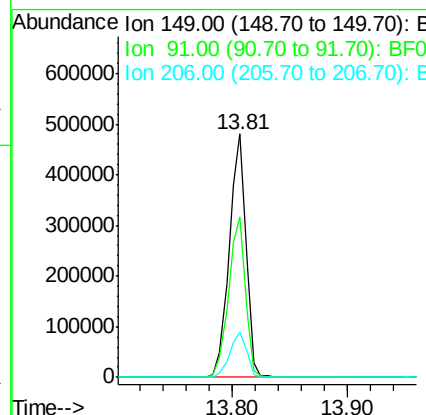
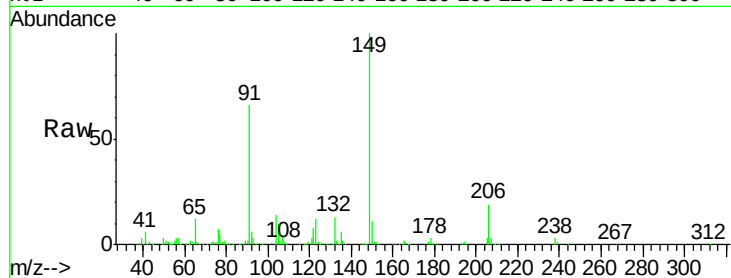
#79
Butylbenzylphthalate
Concen: 50.08 ng
RT: 13.81 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	481921		
91	66.1	45.0	67.4	
206	18.7	17.0	25.6	

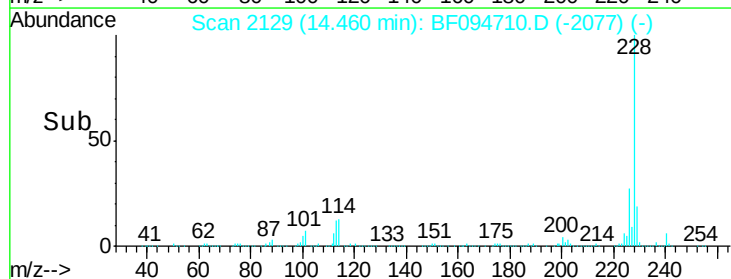
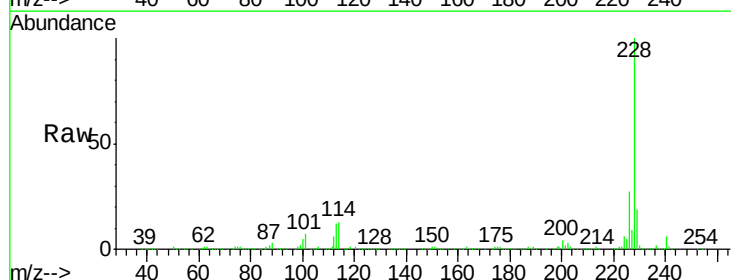
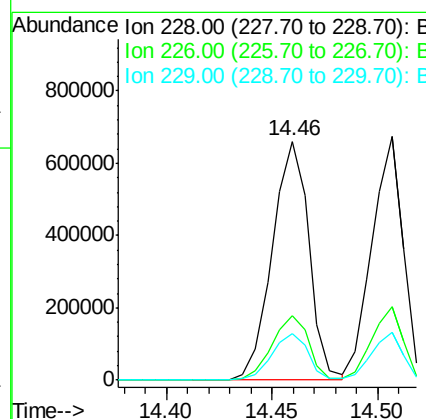
Manual Integrations
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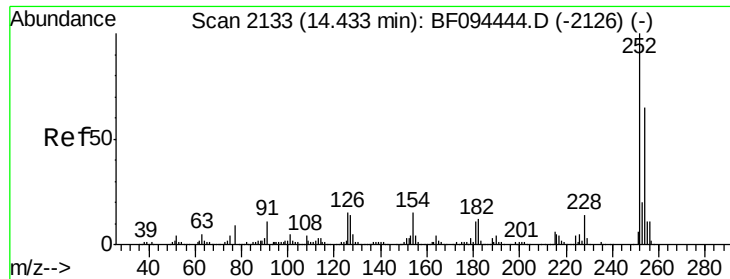
mohammad
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#80
Benzo(a)anthracene
Concen: 43.71 ng
RT: 14.46 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	798487		
226	26.8	22.6	33.8	
229	19.3	16.3	24.5	





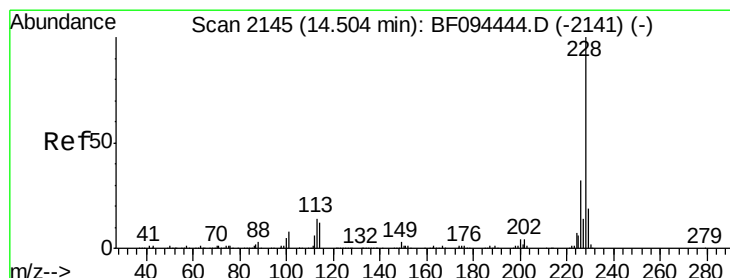
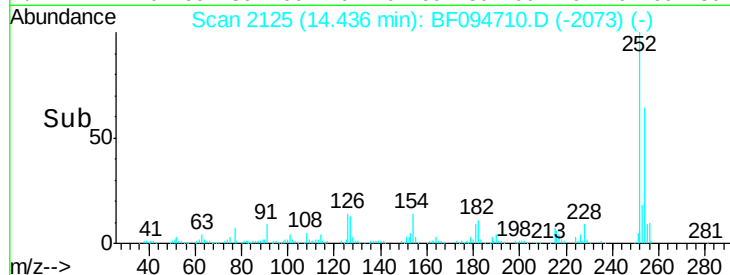
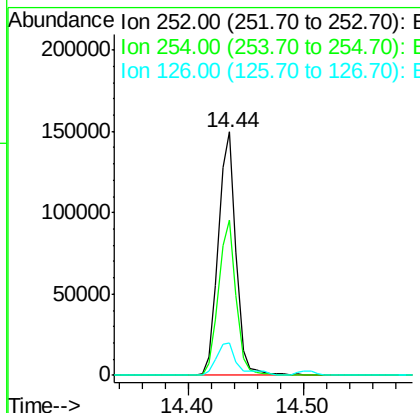
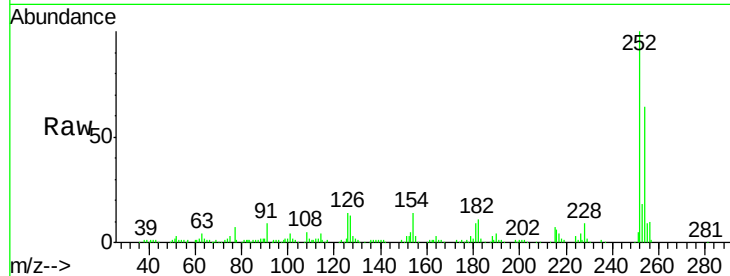
#81
 3,3'-Dichlorobenzidine
 Concen: 24.63 ng
 RT: 14.44 min Scan# 2125
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.9	51.5	77.3
126	13.6	15.8	23.8

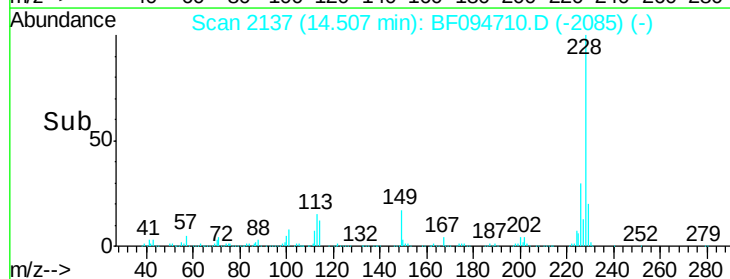
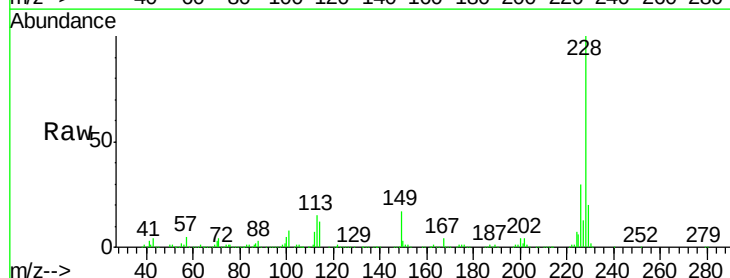
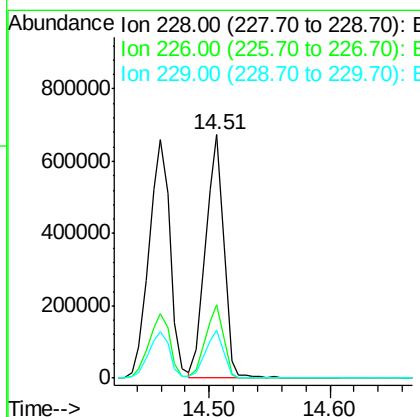
Manual Integrations
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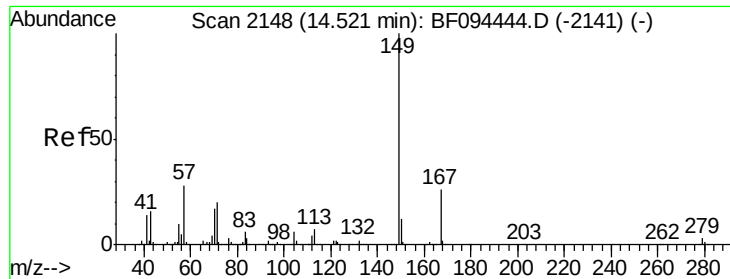
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#82
 Chrysene
 Concen: 42.08 ng
 RT: 14.51 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.3	24.9	37.3
229	19.7	15.8	23.6





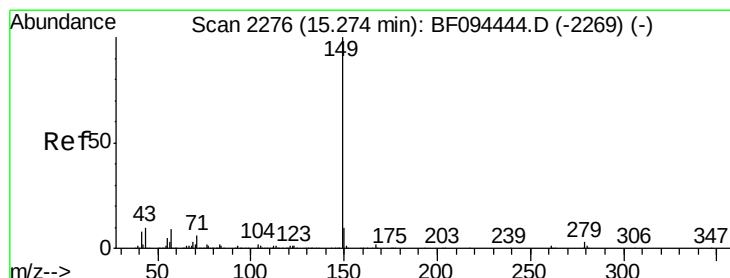
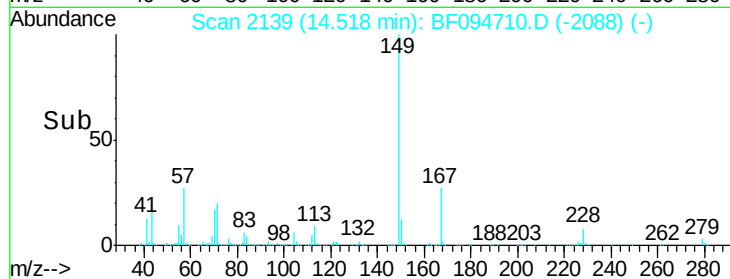
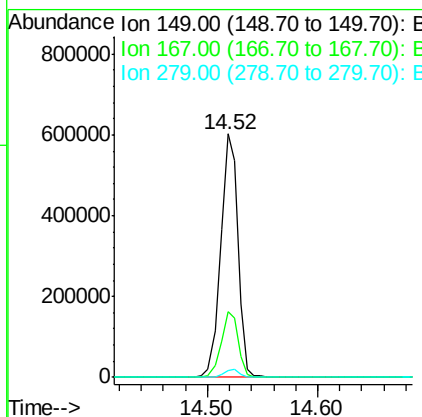
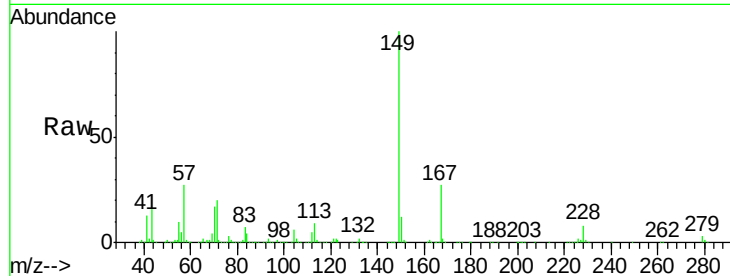
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.84 ng
 RT: 14.52 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Instrument :
 BNA_F
 ClientSampleId :
 PB98571BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	656836		
167	27.0		21.0	31.4
279	2.9		1.9	2.9#

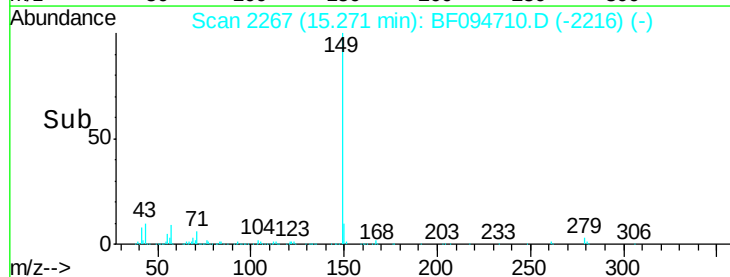
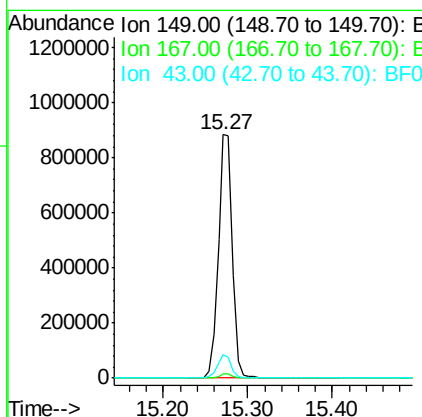
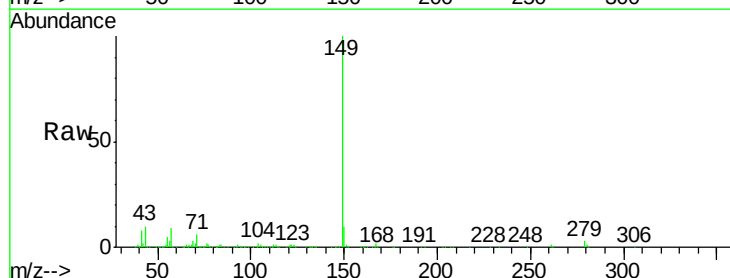
Manual Integrations
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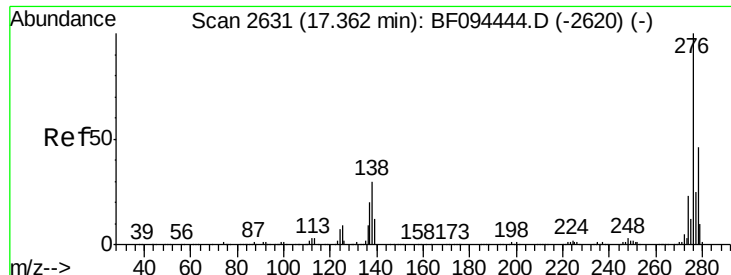
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 47.81 ng
 RT: 15.27 min Scan# 2267
 Delta R.T. -0.00 min
 Lab File: BF094710.D
 Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1036269		
167	1.6		1.2	1.8
43	9.1		8.5	12.7





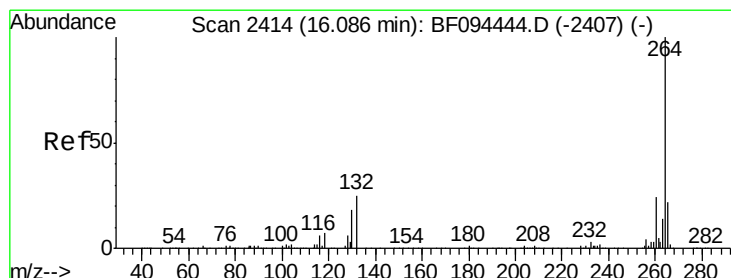
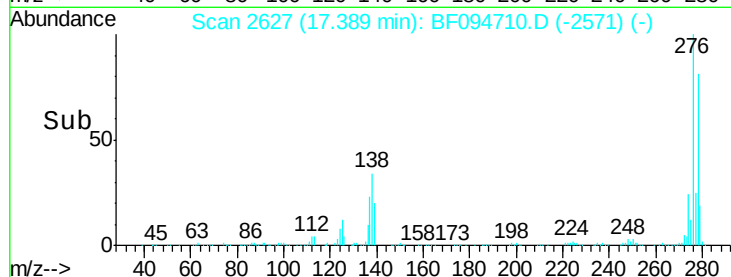
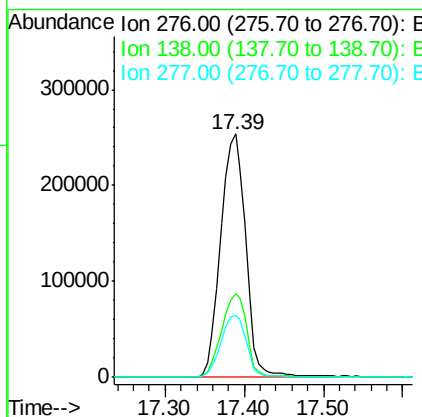
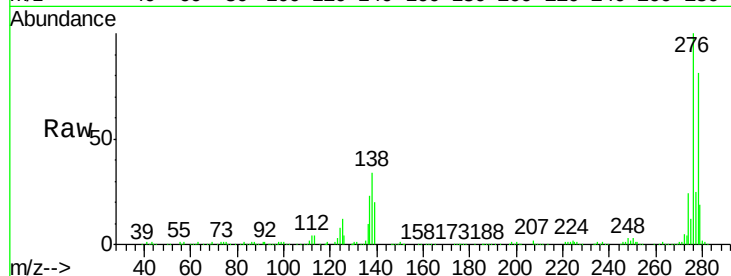
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.13 ng
RT: 17.39 min Scan# 2627
Delta R.T. 0.03 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.7	27.8	41.6
277	25.8	20.2	30.4

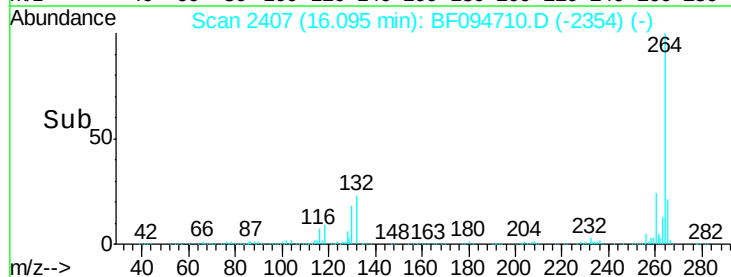
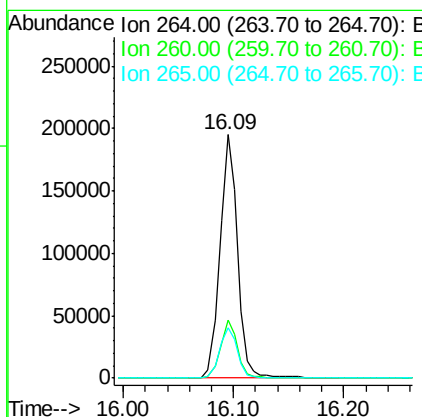
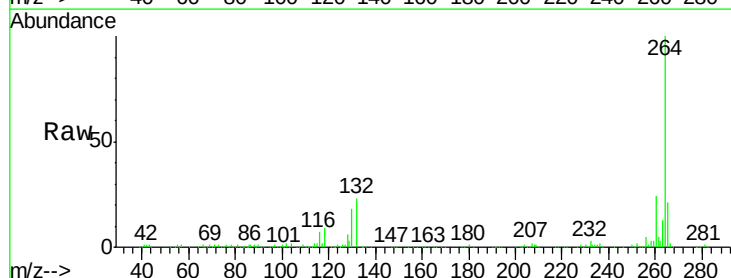
Manual Integrations
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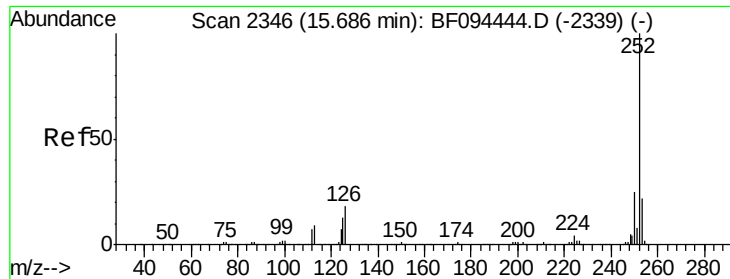
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.6	17.2	25.8





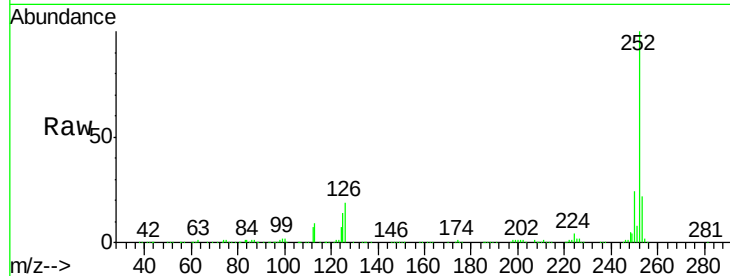
#87
Benzo(b)fluoranthene
Concen: 46.80 ng
RT: 15.69 min Scan# 2339
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

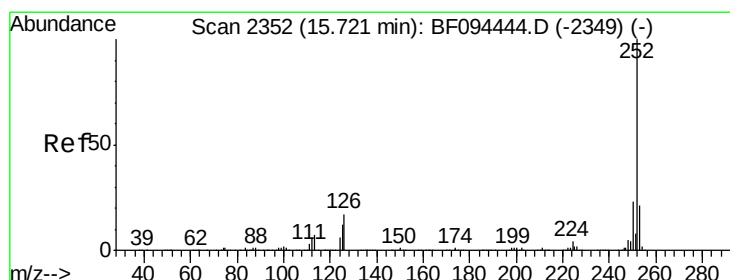
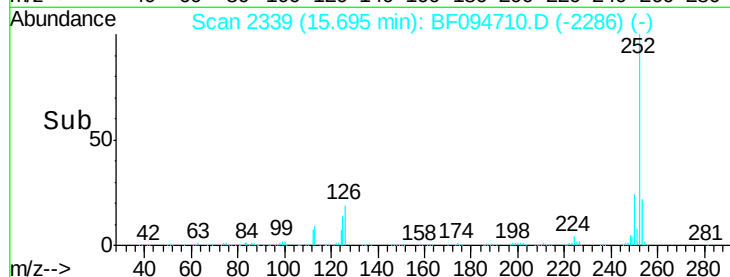
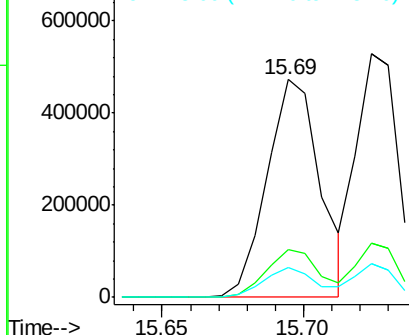
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.6	9.8	14.8

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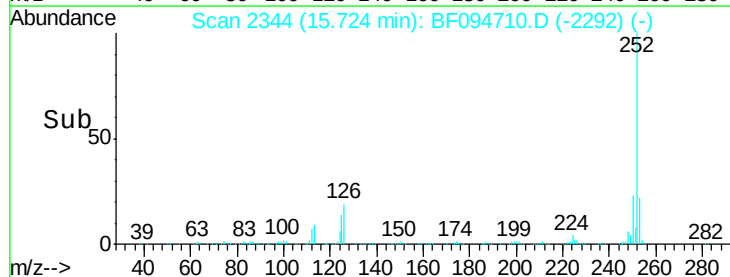
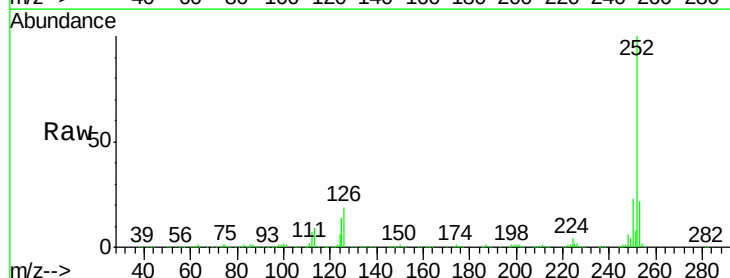
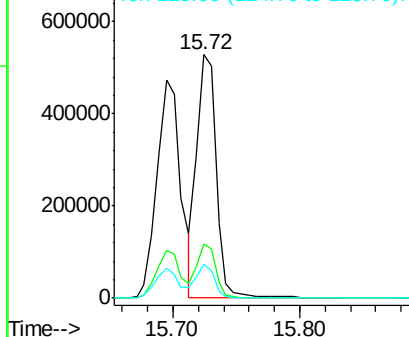
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

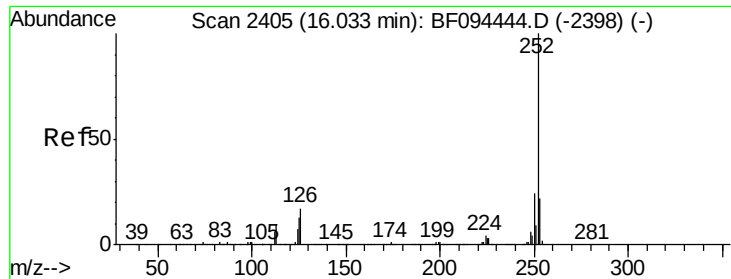


#88
Benzo(k)fluoranthene
Concen: 44.35 ng
RT: 15.72 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.4	27.6
125	13.7	13.1	19.7

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





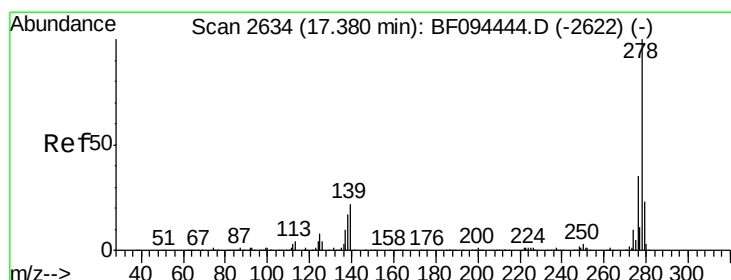
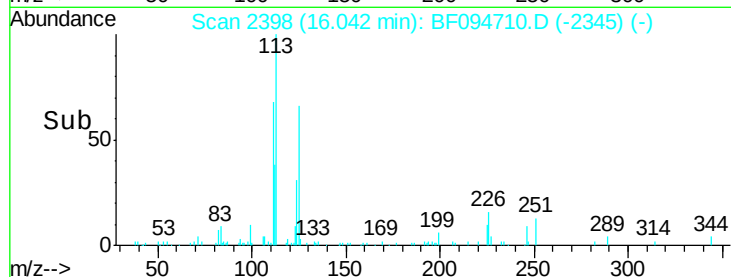
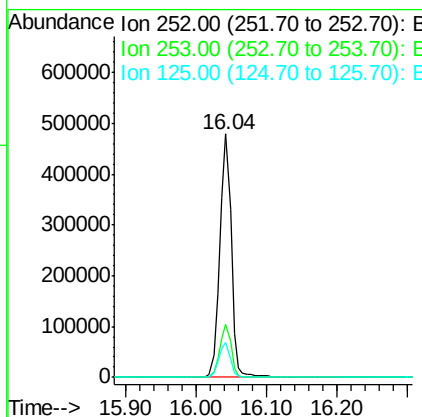
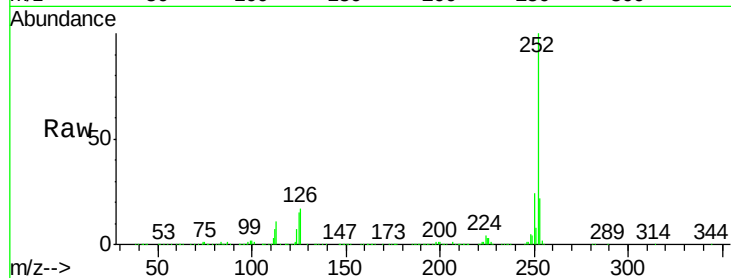
#89
Benzo(a)pyrene
Concen: 43.88 ng
RT: 16.04 min Scan# 2398
Delta R.T. 0.01 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Instrument :
BNA_F
ClientSampleId :
PB98571BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.6	11.0	16.4

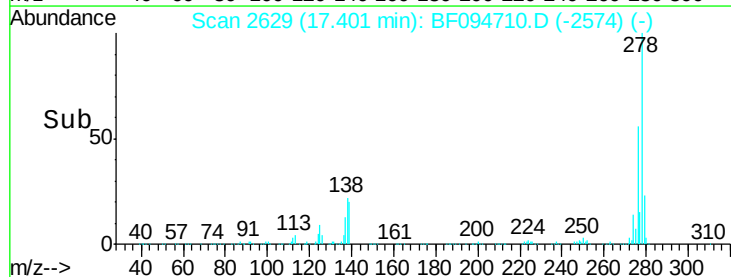
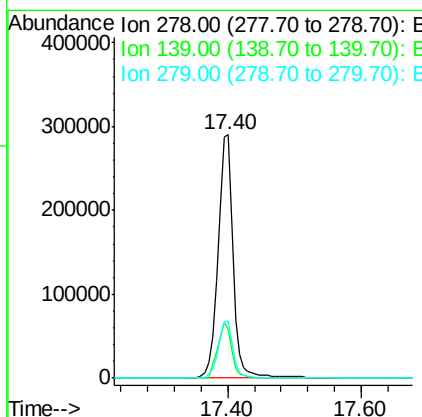
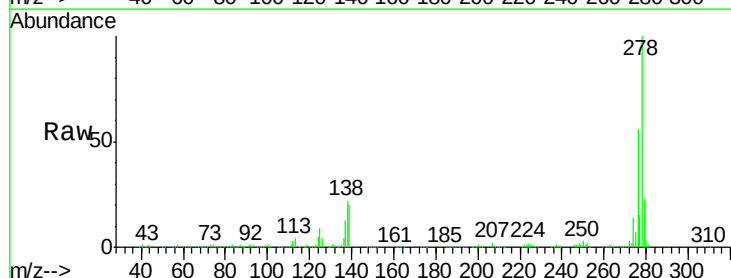
Manual Integrations
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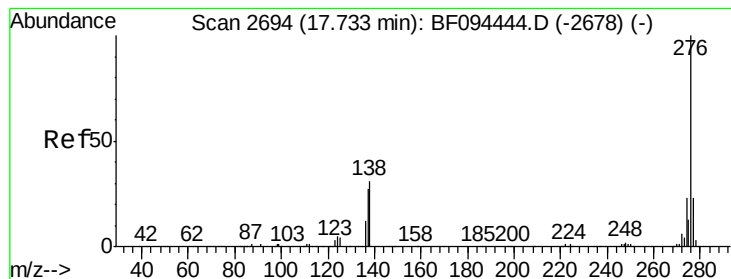
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 45.78 ng
RT: 17.40 min Scan# 2629
Delta R.T. 0.02 min
Lab File: BF094710.D
Acq: 30 Apr 2017 13:16

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.1	16.6	24.8
279	23.4	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 45.53 ng

RT: 17.76 min Scan# 2690

Delta R.T. 0.03 min

Lab File: BF094710.D

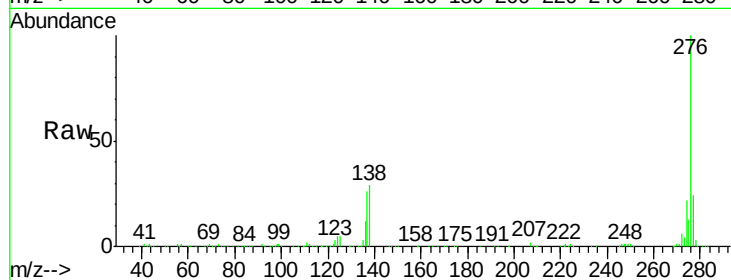
Acq: 30 Apr 2017 13:16

Instrument :

BNA_F

ClientSampleId :

PB98571BS



Tot Ion:	276	Resp:	472832
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	29.1	25.4	38.0

Manual Integrations
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