

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094608.D
 Acq On : 25 Apr 2017 16:40
 Operator : SJ/MA
 Sample : PB98458BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

Manual Integrations
 APPROVED

mohammad
 4/26/2017 2:20:55 PM

Quant Time: Apr 26 02:57:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	120099	20.00	ng	0.00
21) Naphthalene-d8	7.25	136	477095	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	206328	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	342915	20.00	ng	-0.01
75) Chrysene-d12	14.46	240	241236	20.00	ng	0.00
86) Perylene-d12	16.08	264	221252	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.31	112	914534	126.34	ng	0.00
7) Phenol-d6	5.39	99	1078615	126.39	ng	0.00
23) Nitrobenzene-d5	6.41	82	670389	86.77	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	198154	122.78	ng	0.00
44) 2-Fluorobiphenyl	8.57	172	1200403	85.60	ng	-0.01
78) Terphenyl-d14	13.18	244	871453	96.56	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.12	88	114572	27.21	ng	97
3) Pyridine	2.65	79	327597	35.60	ng	99
4) n-Nitrosodimethylamine	2.59	42	149706	39.32	ng	88
6) Aniline	5.39	93	354076	31.22	ng	# 84
8) 2-Chlorophenol	5.53	128	348947	42.36	ng	96
9) Benzaldehyde	5.26	77	100366	15.46	ng	97
10) Phenol	5.41	94	427243	40.75	ng	88
11) bis(2-Chloroethyl)ether	5.47	93	320298	41.82	ng	97
12) 1,3-Dichlorobenzene	5.69	146	368545	40.38	ng	99
13) 1,4-Dichlorobenzene	5.78	146	381658	41.57	ng	97
14) 1,2-Dichlorobenzene	5.95	146	352261	41.65	ng	94
15) Benzyl Alcohol	5.94	79	258848	40.89	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.09	45	421581	41.98	ng	65
17) 2-Methylphenol	6.08	107	277239	42.73	ng	# 91
18) Hexachloroethane	6.34	117	120972	38.43	ng	# 85
19) n-Nitroso-di-n-propylamine	6.25	70	242313	42.85	ng	97
20) 3+4-Methylphenols	6.27	107	379451	43.04	ng	# 61
22) Acetophenone	6.23	105	491196	42.34	ng	# 86
24) Nitrobenzene	6.43	77	347644	42.73	ng	95
25) Isophorone	6.72	82	612896	42.79	ng	95
26) 2-Nitrophenol	6.80	139	173511	39.69	ng	94
27) 2,4-Dimethylphenol	6.88	122	305618	43.04	ng	98
28) bis(2-Chloroethoxy)methane	6.98	93	396386	42.78	ng	99
29) 2,4-Dichlorophenol	7.11	162	286217	43.33	ng	99
30) 1,2,4-Trichlorobenzene	7.19	180	284531	41.67	ng	98
31) Naphthalene	7.28	128	962232	41.95	ng	100
32) Benzoic acid	7.06	122	145354	38.71	ng	94
33) 4-Chloroaniline	7.35	127	100859	10.57	ng	92
34) Hexachlorobutadiene	7.43	225	142061	41.72	ng	100
35) Caprolactam	7.81	113	94109m	45.35	ng	
36) 4-Chloro-3-methylphenol	7.98	107	293306	42.37	ng	89
37) 2-Methylnaphthalene	8.12	142	658536	41.97	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	257041	43.75	ng	100
40) Hexachlorocyclopentadiene	8.31	237	94369	39.70	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	181190	43.91	nq	99
43) 2,4,5-Trichlorophenol	8.54	196	186225	43.95	nq	93
45) 1,1'-Biphenyl	8.69	154	743244	44.09	nq	98
46) 2-Chloronaphthalene	8.71	162	589491	43.98	nq	97
47) 2-Nitroaniline	8.85	65	176329	45.73	nq	# 86
48) Acenaphthylene	9.21	152	885224	42.36	nq	99
49) Dimethylphthalate	9.09	163	710543	46.21	nq	99
50) 2,6-Dinitrotoluene	9.15	165	153255	44.40	nq	93
51) Acenaphthene	9.42	154	538823	43.05	nq	98
52) 3-Nitroaniline	9.35	138	107877	27.02	nq	94
53) 2,4-Dinitrophenol	9.50	184	23085	17.20	nq	# 68
54) Dibenzofuran	9.64	168	799456	43.95	nq	100
55) 4-Nitrophenol	9.62	139	166111m	58.88	nq	
56) 2,4-Dinitrotoluene	9.65	165	196385	46.37	nq	96
57) Fluorene	10.06	166	614478	43.38	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	130683	43.03	nq	# 94
59) Diethylphthalate	9.95	149	660293	45.51	nq	98
60) 4-Chlorophenyl-phenylether	10.07	204	268396	45.53	nq	94
61) 4-Nitroaniline	10.11	138	146949	36.20	nq	94
62) Azobenzene	10.27	77	630469	44.76	nq	94
64) 4,6-Dinitro-2-methylphenol	10.15	198	20288	9.03	nq	# 71
65) n-Nitrosodiphenylamine	10.22	169	564761	47.36	nq	98
66) 4-Bromophenyl-phenylether	10.67	248	160314	47.08	nq	98
67) Hexachlorobenzene	10.74	284	156262	45.54	nq	# 82
68) Atrazine	10.90	200	168722	47.29	nq	97
69) Pentachlorophenol	10.99	266	123895	90.93	nq	99
70) Phenanthrene	11.24	178	851766	44.11	nq	98
71) Anthracene	11.30	178	870377	43.57	nq	98
72) Carbazole	11.51	167	800610	42.70	nq	97
73) Di-n-butylphthalate	11.96	149	1027884	49.80	nq	99
74) Fluoranthene	12.69	202	762993	38.12	nq	98
76) Benzidine	12.88	184	474230	48.55	nq	# 93
77) Pyrene	12.97	202	756681	44.90	nq	99
79) Butylbenzylphthalate	13.79	149	356708	48.29	nq	# 87
80) Benzo(a)anthracene	14.45	228	617719	44.05	nq	99
81) 3,3'-Dichlorobenzidine	14.42	252	204903	41.28	nq	# 96
82) Chrysene	14.49	228	568235	44.34	nq	99
83) Bis(2-ethylhexyl)phthalate	14.51	149	495828	50.00	nq	# 99
84) Di-n-octyl phthalate	15.27	149	828767	49.82	nq	97
85) Indeno(1,2,3-cd)pyrene	17.37	276	514119	42.17	nq	99
87) Benzo(b)fluoranthene	15.68	252	635004	46.92	nq	98
88) Benzo(k)fluoranthene	15.71	252	543965	42.47	nq	95
89) Benzo(a)pyrene	16.03	252	553931	43.99	nq	100
90) Dibenzo(a,h)anthracene	17.38	278	428998	41.03	nq	98
91) Benzo(g,h,i)perylene	17.74	276	413345	38.83	nq	97

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

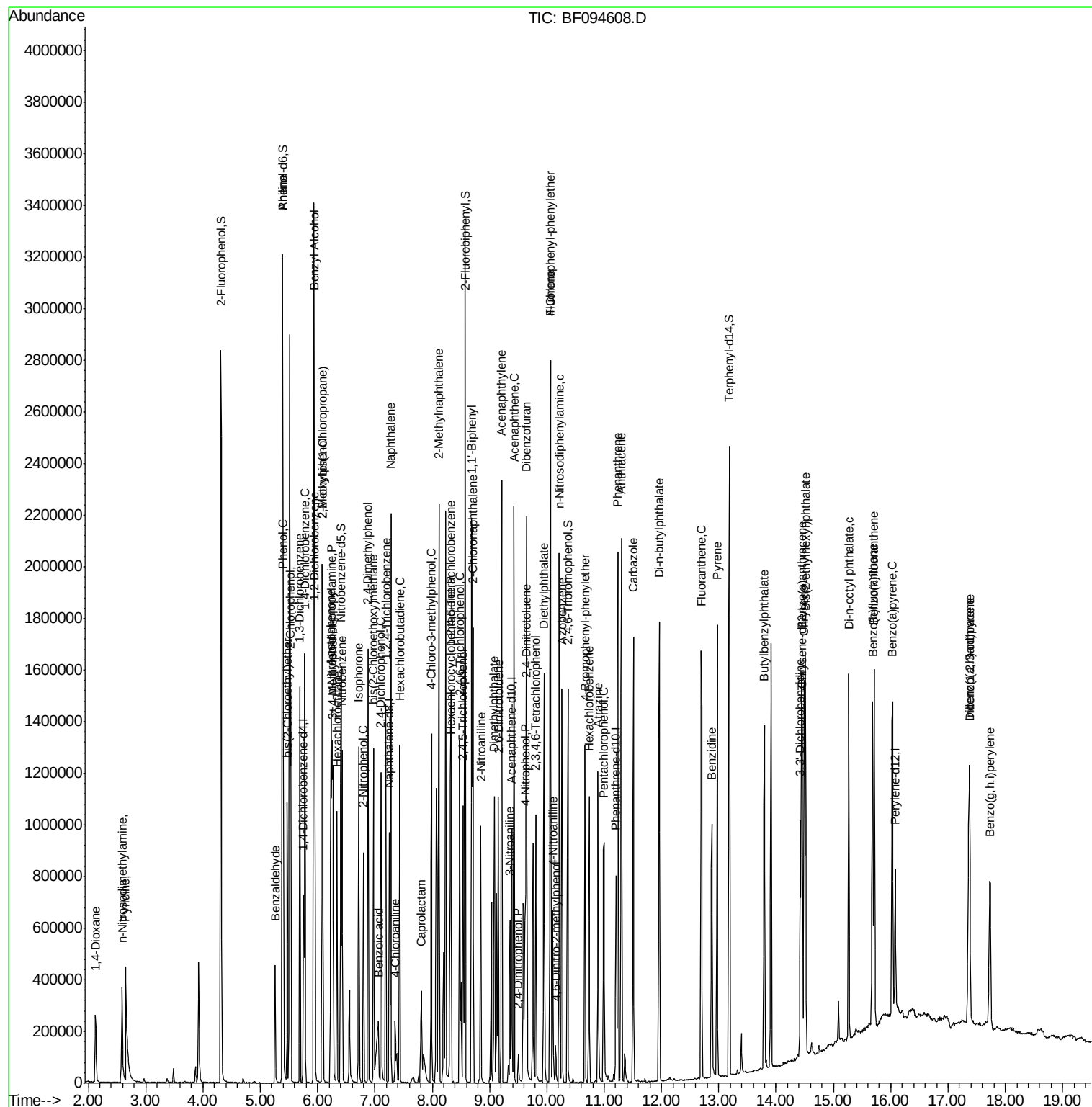
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
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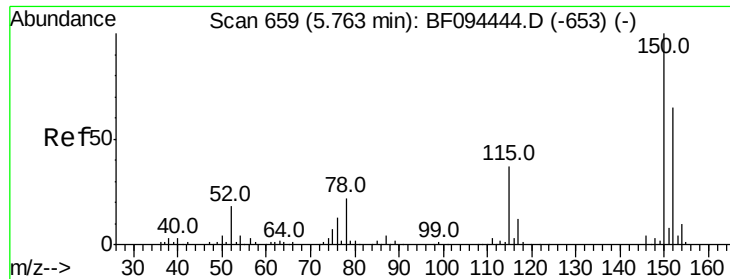
Instrument :
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ClientSampled :
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#1

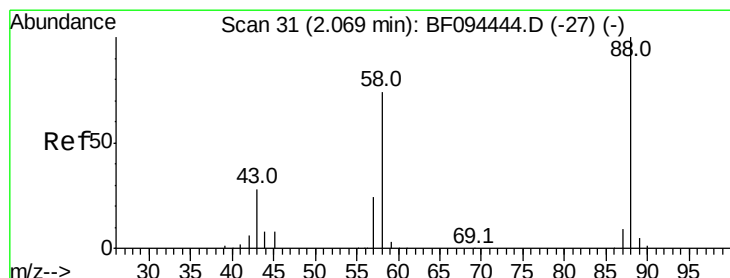
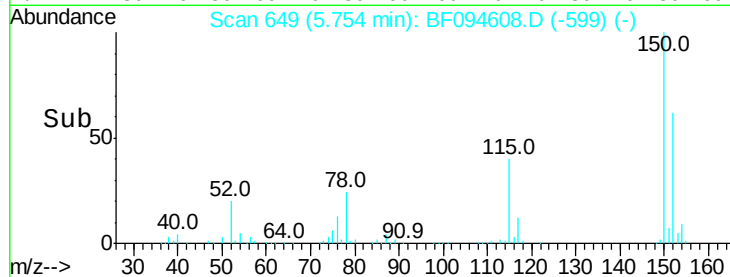
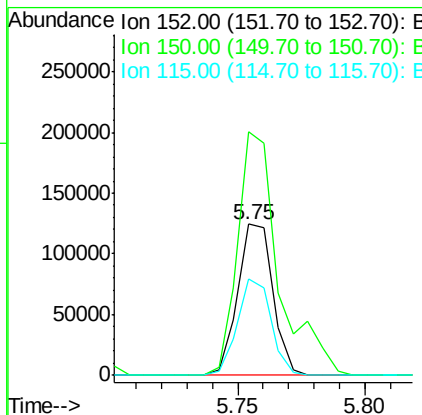
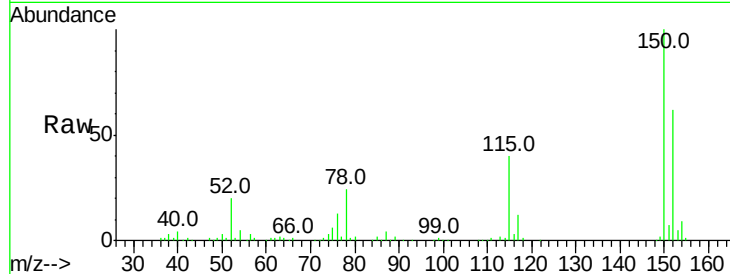
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB98458BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	126.2	189.2
115	64.1	52.2	78.2

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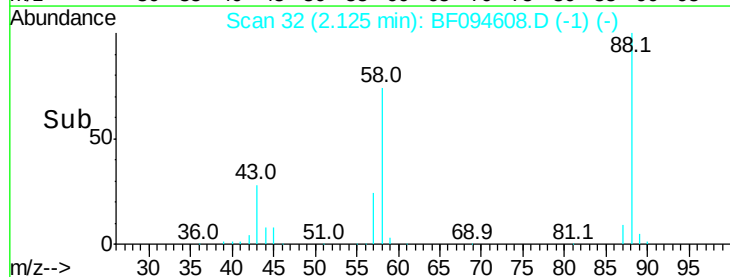
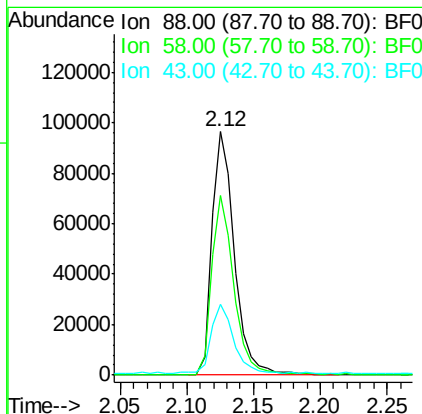
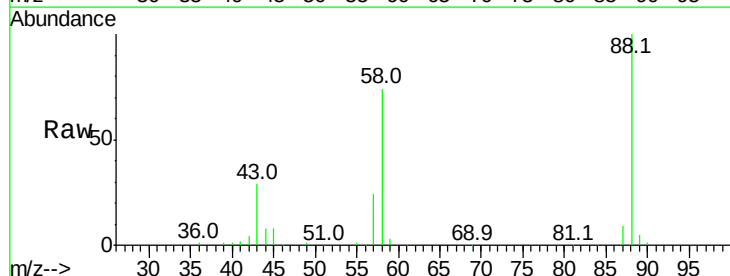
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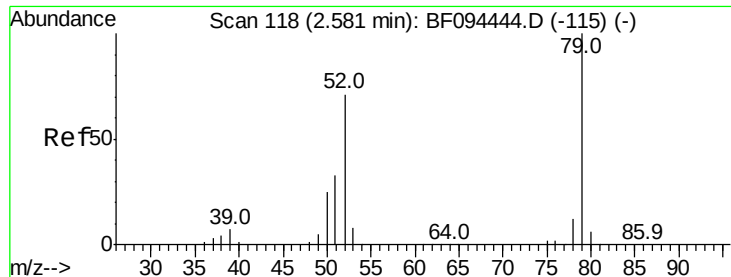


#2

1,4-Dioxane
Concen: 27.21 ng
RT: 2.12 min Scan# 32
Delta R.T. 0.06 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.5	61.4	92.0
43	28.7	23.4	35.0





#3

Pvridine

Concen: 35.60 ng

RT: 2.65 min Scan# 121

Delta R.T. 0.07 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

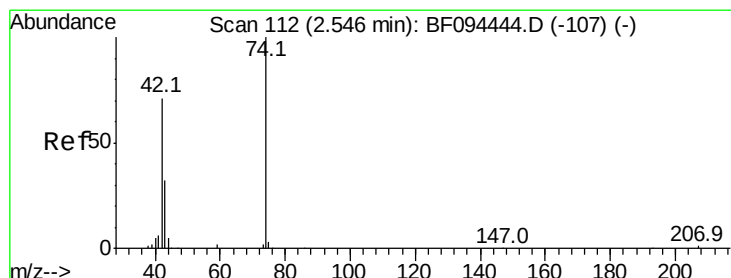
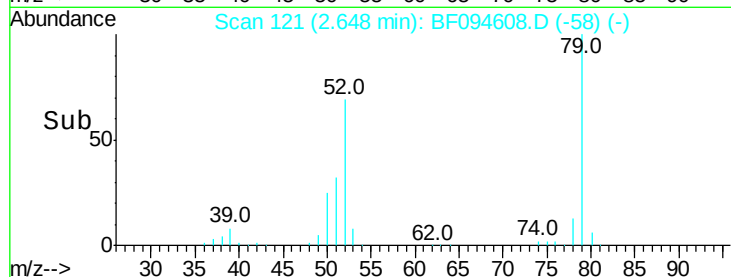
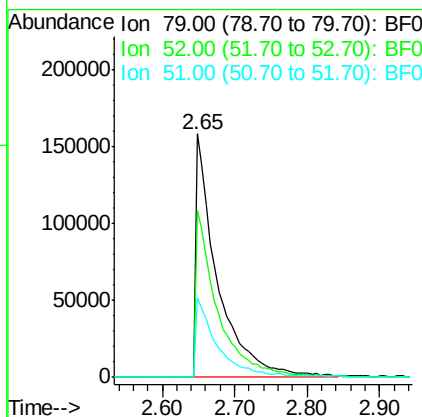
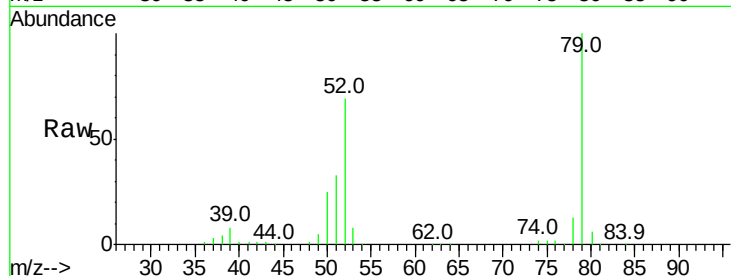
ClientSampleId :

PB98458BS

Tot Ion:	79	Resp:	327597
Ion Ratio	Lower	Upper	
79	100		
52	68.8	54.8	82.2
51	32.5	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 39.32 ng

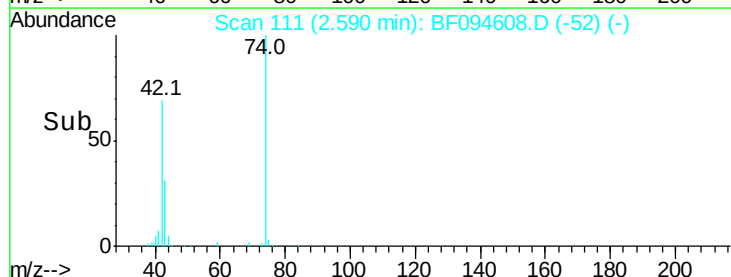
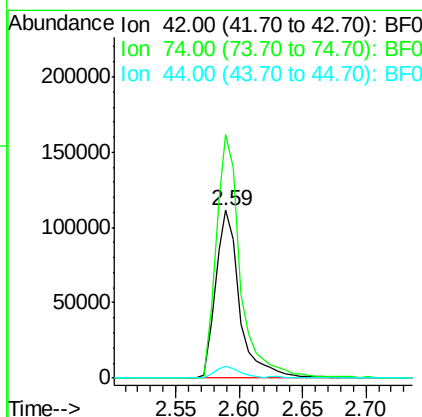
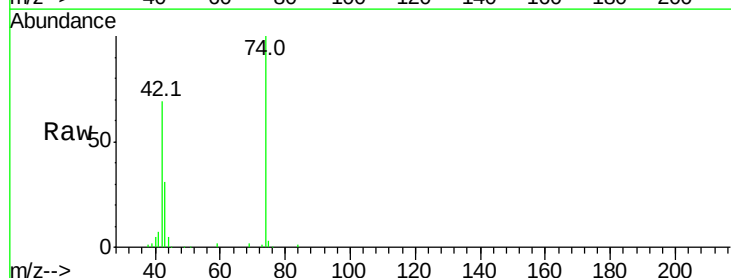
RT: 2.59 min Scan# 111

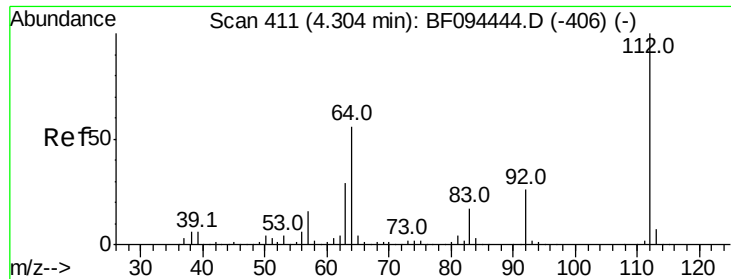
Delta R.T. 0.04 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Tgt Ion:	42	Resp:	149706
Ion Ratio	Lower	Upper	
42	100		
74	144.9	103.9	155.9
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 126.34 ng

RT: 4.31 min Scan# 404

Delta R.T. 0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

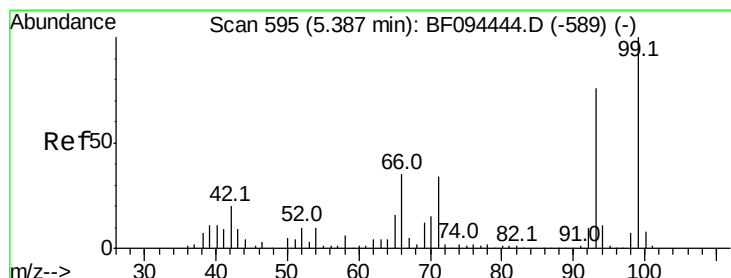
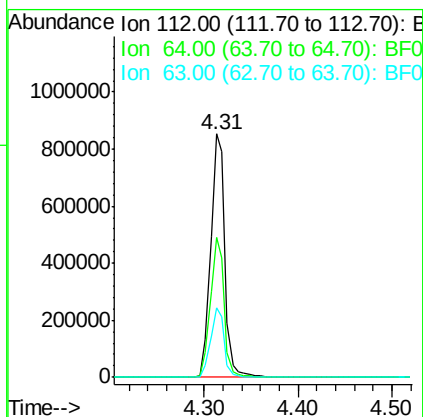
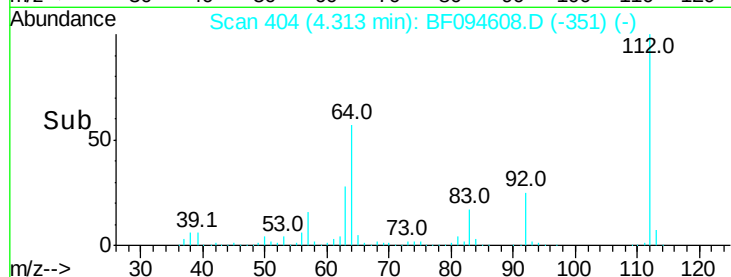
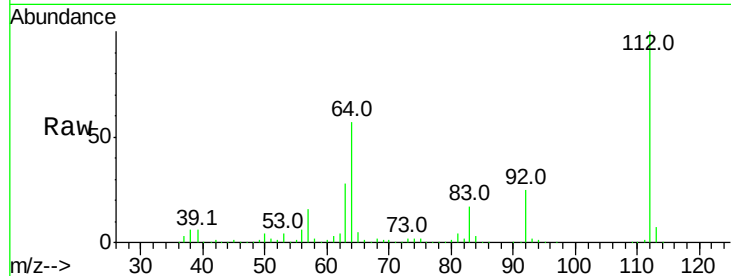
ClientSampled :

PB98458BS

Tot Ion:	112	Resp:	914534
Ion Ratio	Lower	Upper	
112	100		
64	57.4	46.0	69.0
63	28.3	23.4	35.0

Manual Integrations
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#6

Aniline

Concen: 31.22 ng

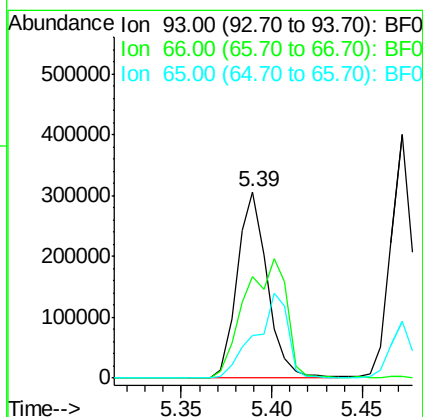
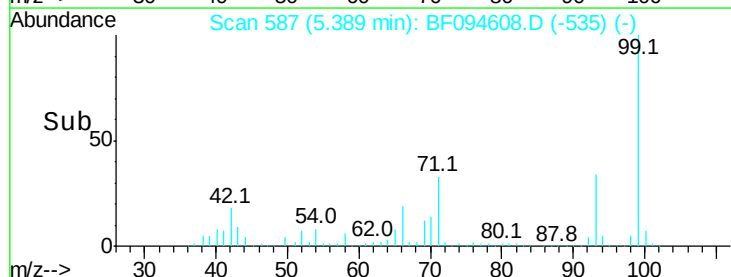
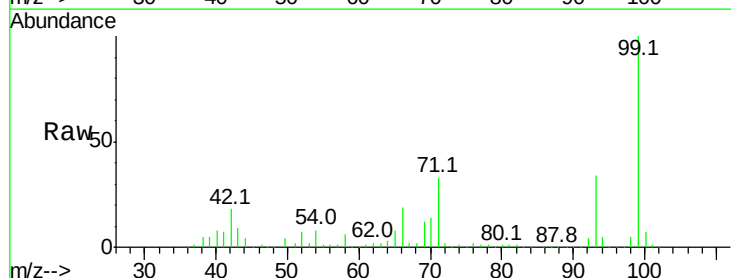
RT: 5.39 min Scan# 587

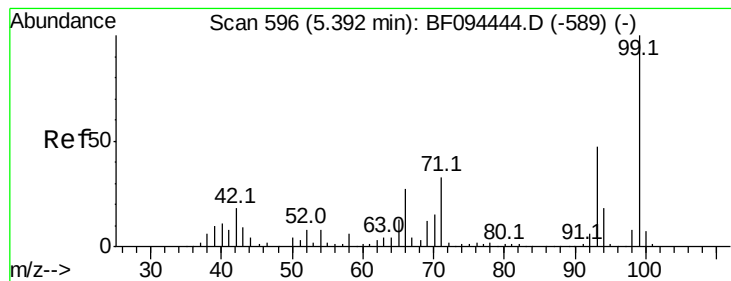
Delta R.T. 0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Tgt Ion:	93	Resp:	354076
Ion Ratio	Lower	Upper	
93	100		
66	54.6	32.9	49.3#
65	22.5	16.0	24.0





#7

Phenol-d6

Concen: 126.39 ng

RT: 5.39 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleID :

PB98458BS

Tot Ion: 99 Resp: 1078615

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

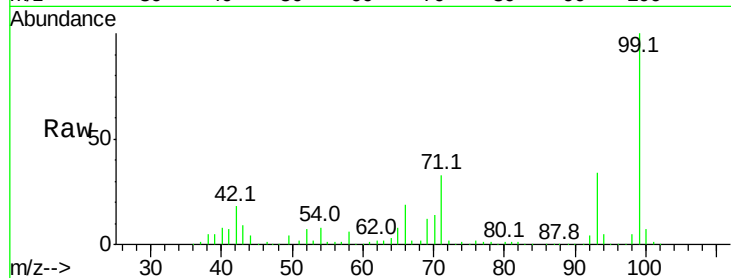
71 33.0 24.5 36.7

Manual Integrations

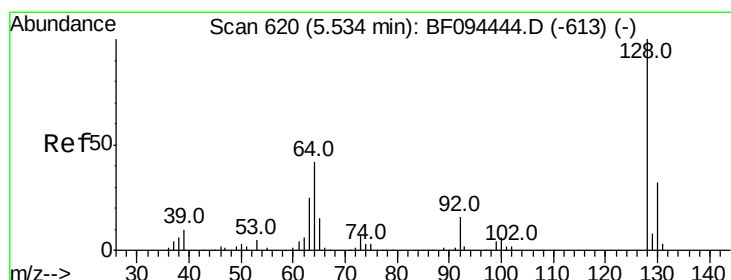
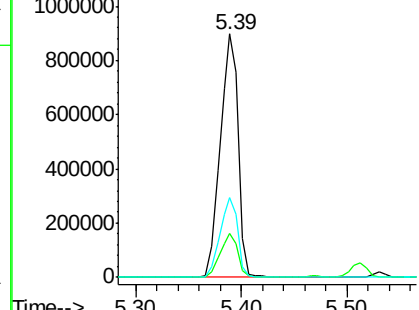
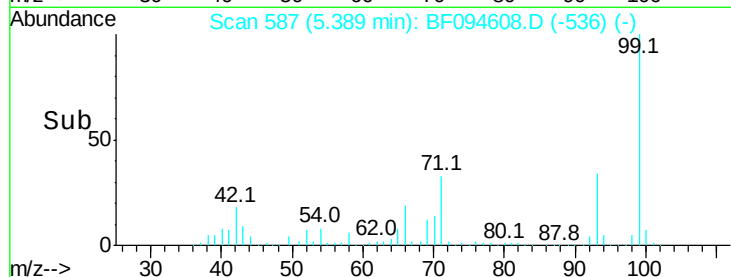
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.36 ng

RT: 5.53 min Scan# 611

Delta R.T. -0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

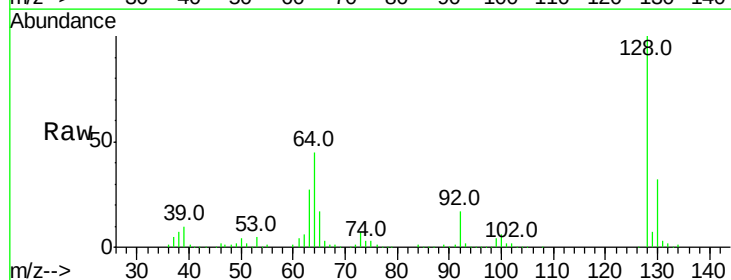
Tgt Ion:128 Resp: 348947

Ion Ratio Lower Upper

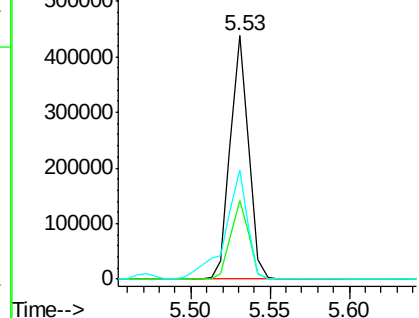
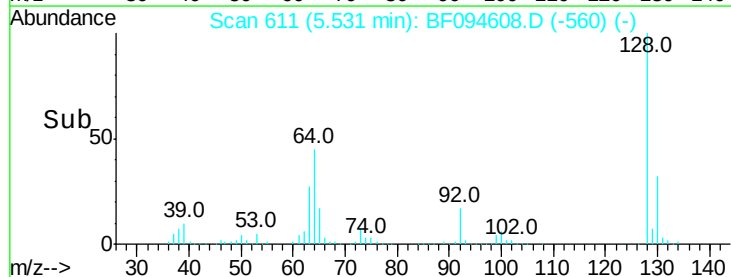
128 100

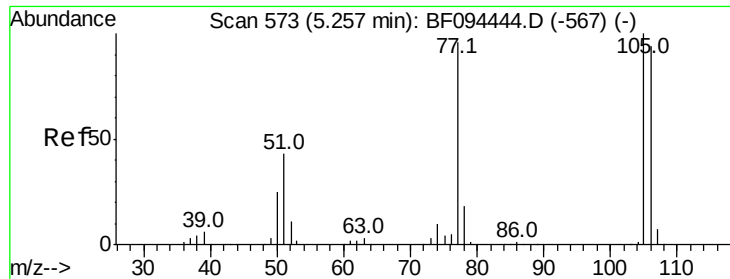
130 32.5 12.9 52.9

64 44.8 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





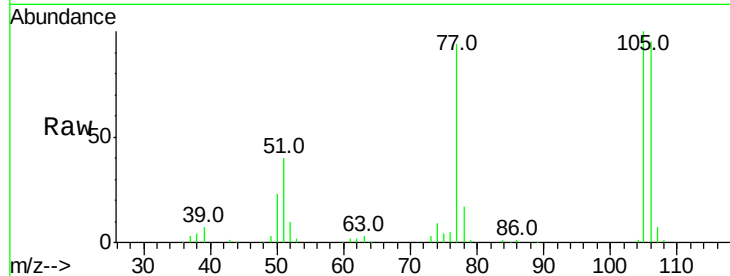
#9
Benzaldehyde
Concen: 15.46 ng
RT: 5.26 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

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BNA_F
ClientSampled :
PB98458BS

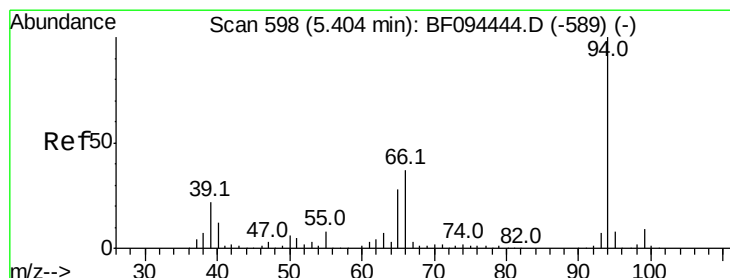
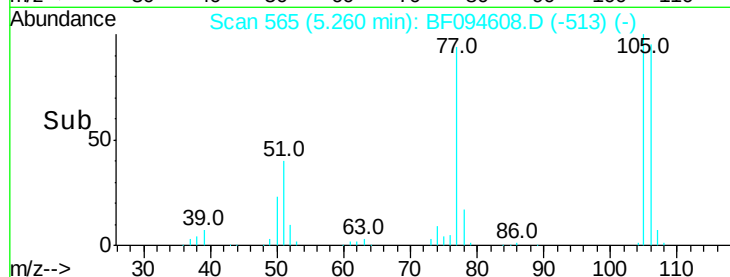
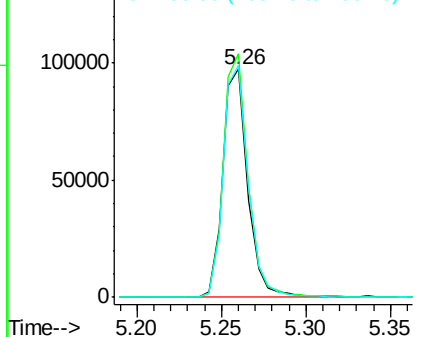
Tot Ion	Ratio	Lower	Upper
77	100		
105	106.8	83.8	123.8
106	101.7	79.1	119.1

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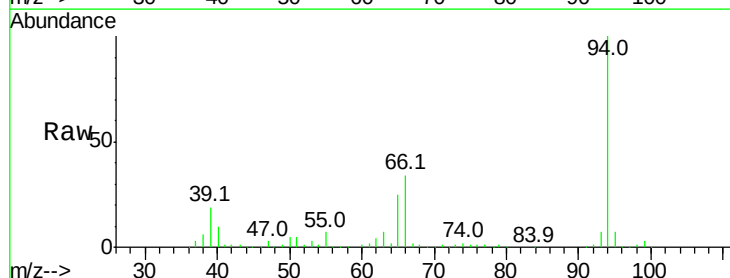


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0

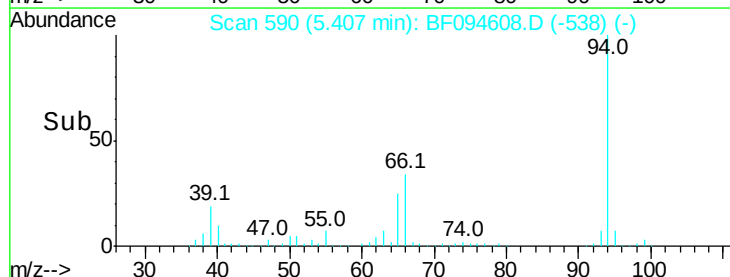
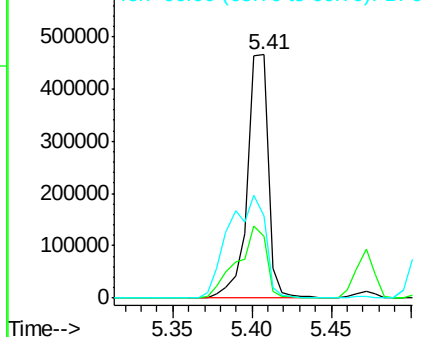


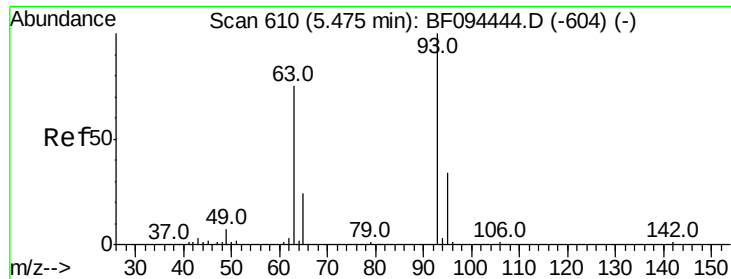
#10
Phenol
Concen: 40.75 ng
RT: 5.41 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.3	9.9	49.9
66	34.0	23.1	63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 41.82 ng

RT: 5.47 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

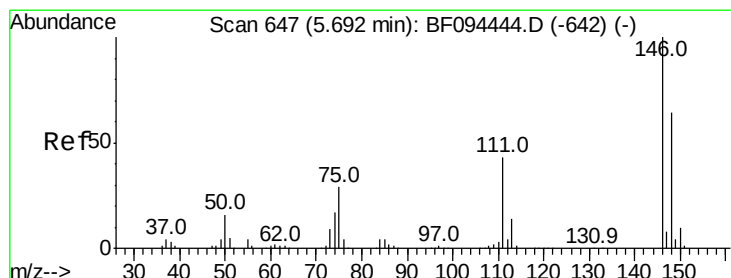
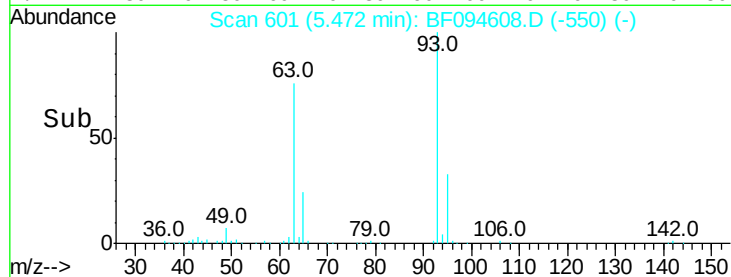
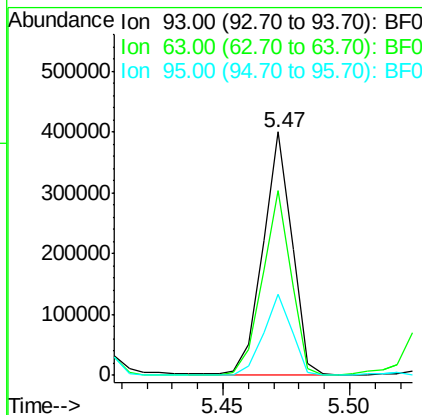
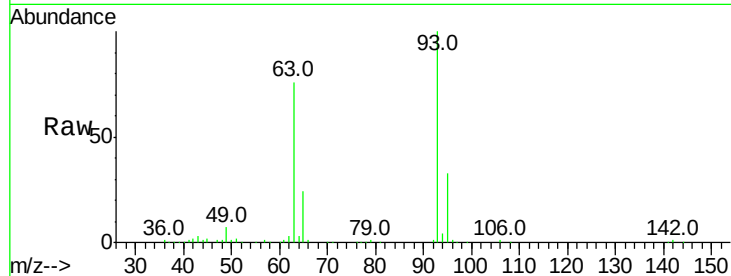
ClientSampled :

PB98458BS

Tot Ion:	93	Resp:	320298
Ion Ratio	Lower	Upper	
93	100		
63	75.6	59.2	99.2
95	33.1	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 40.38 ng

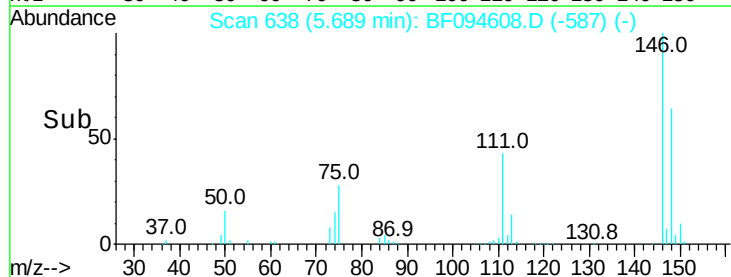
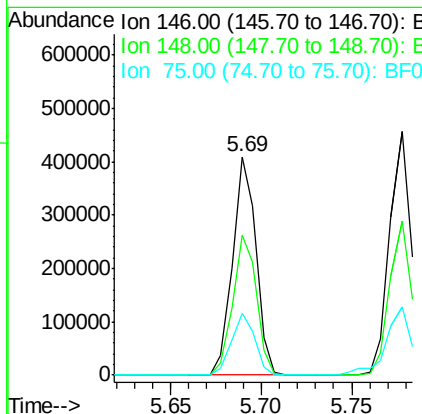
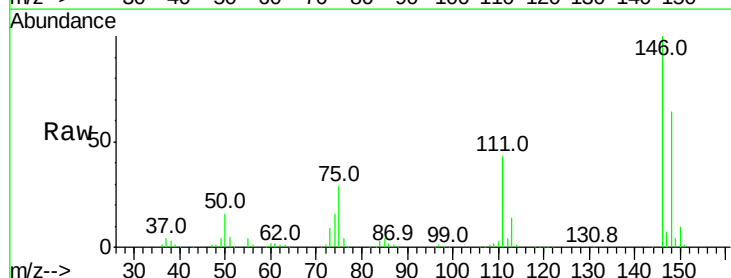
RT: 5.69 min Scan# 638

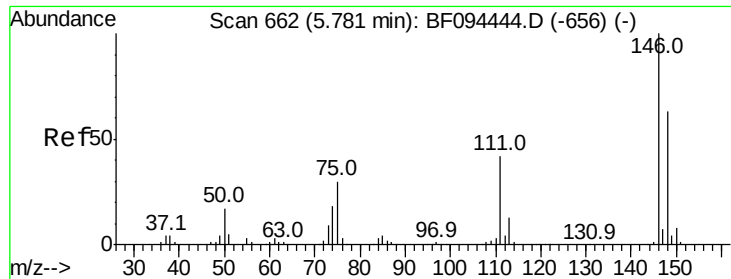
Delta R.T. -0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Tgt Ion:	146	Resp:	368545
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.8	77.6
75	28.6	23.1	34.7





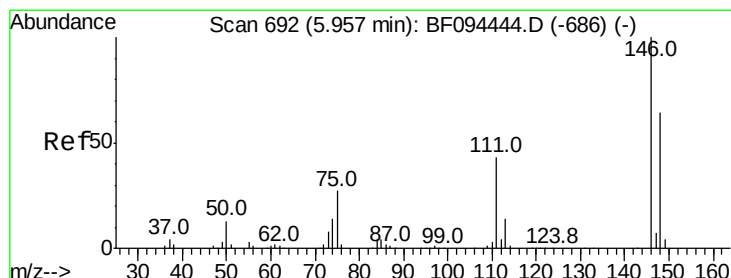
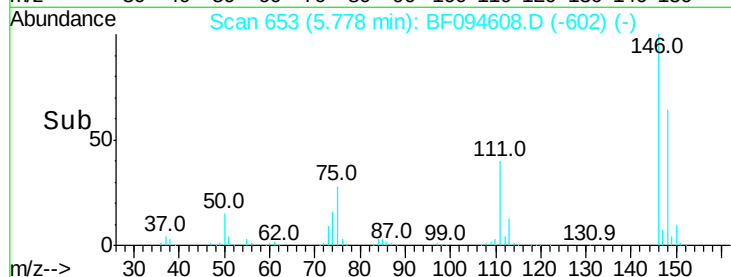
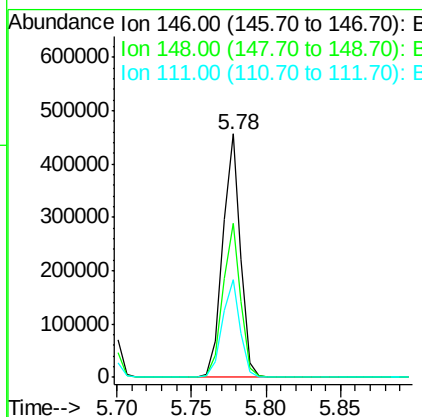
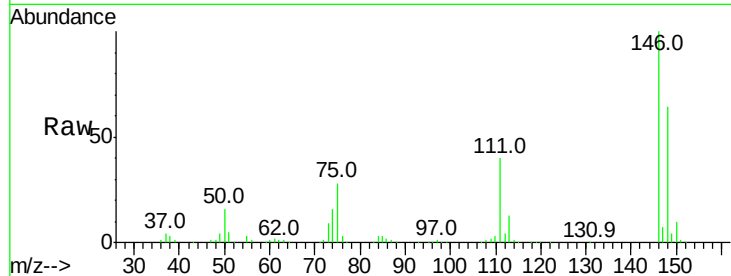
#13
 1,4-Dichlorobenzene
 Concen: 41.57 ng
 RT: 5.78 min Scan# 653
 Delta R.T. -0.00 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.2
111	40.0	30.3	45.5

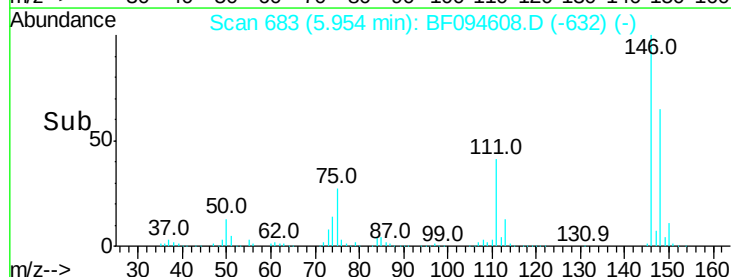
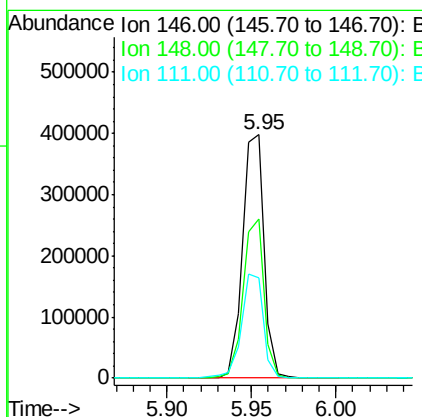
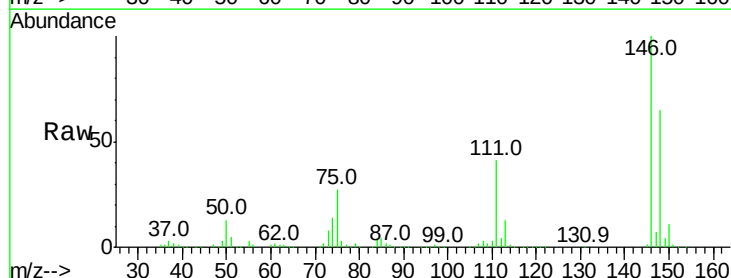
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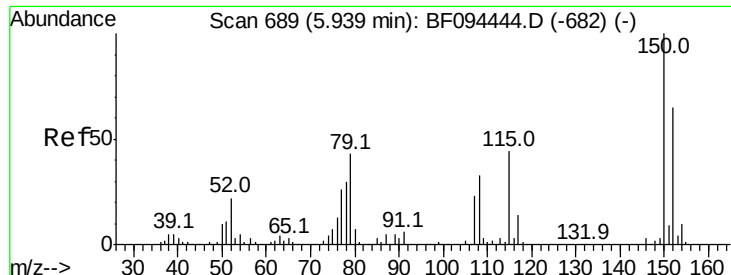
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.65 ng
 RT: 5.95 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.4	75.6
111	41.1	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.89 ng

RT: 5.94 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB98458BS

Tot Ion: 79 Resp: 258848

Ion Ratio Lower Upper

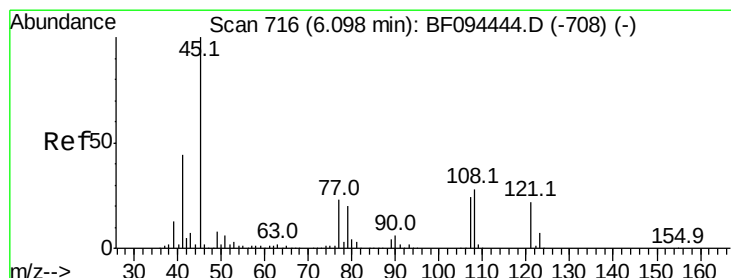
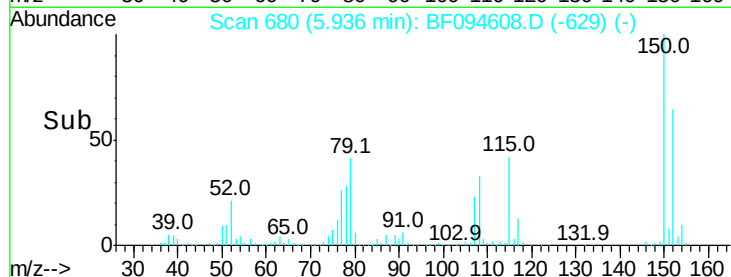
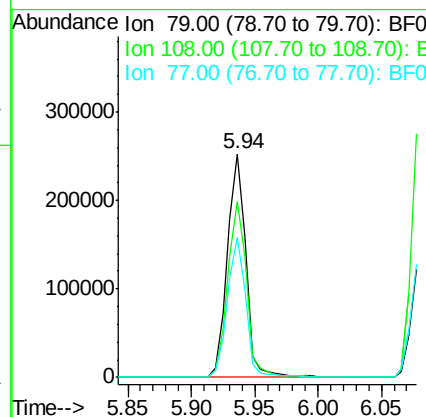
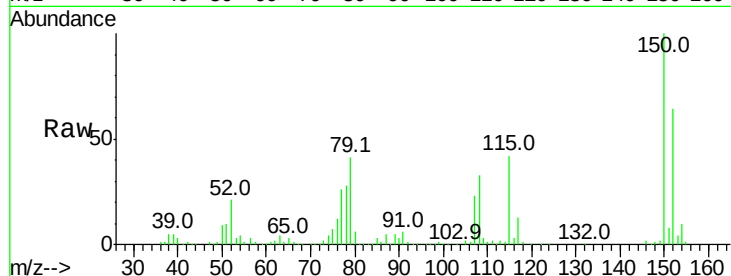
79 100

108 78.8 63.4 95.0

77 62.6 49.2 73.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.98 ng

RT: 6.09 min Scan# 706

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

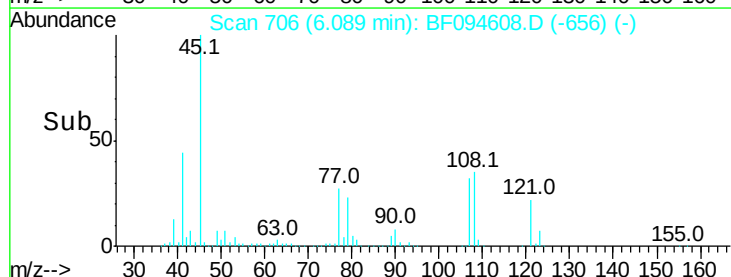
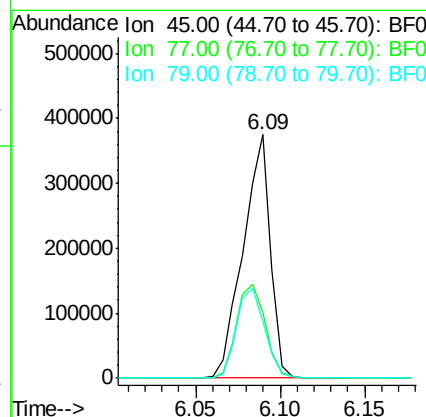
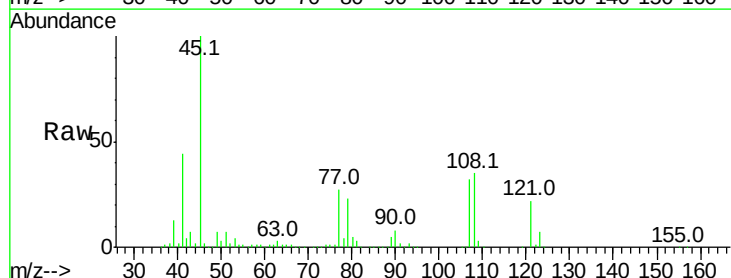
Tgt Ion: 45 Resp: 421581

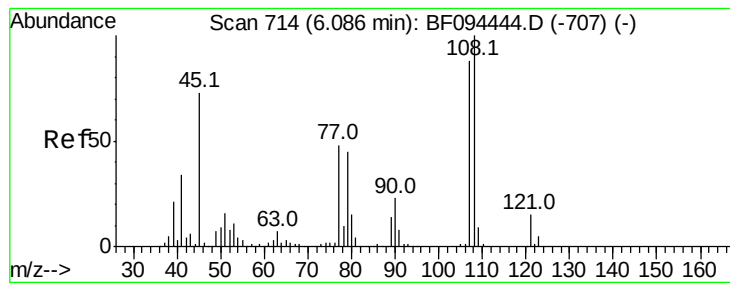
Ion Ratio Lower Upper

45 100

77 26.8 0.0 33.2

79 23.1 0.0 30.0





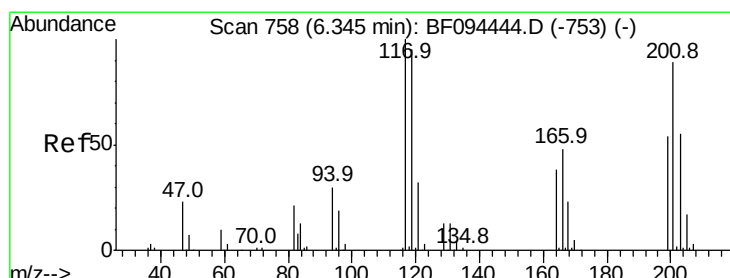
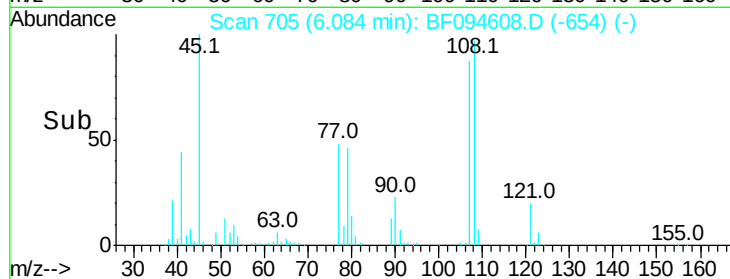
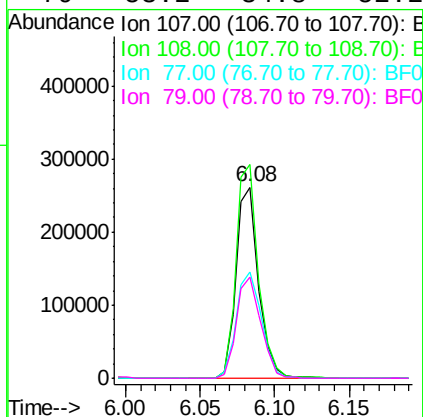
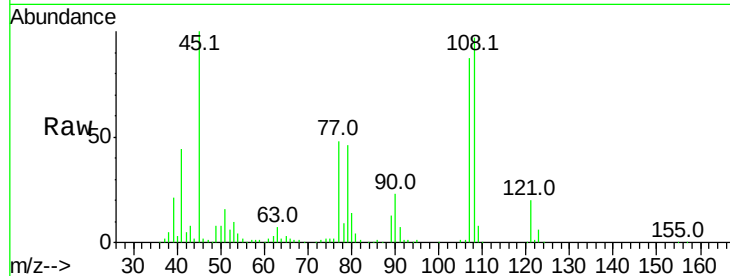
#17
2-Methylphenol
Concen: 42.73 ng
RT: 6.08 min Scan# 705
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB98458BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.8	93.4	140.0
77	55.6	35.8	53.6#
79	53.2	34.8	52.2#

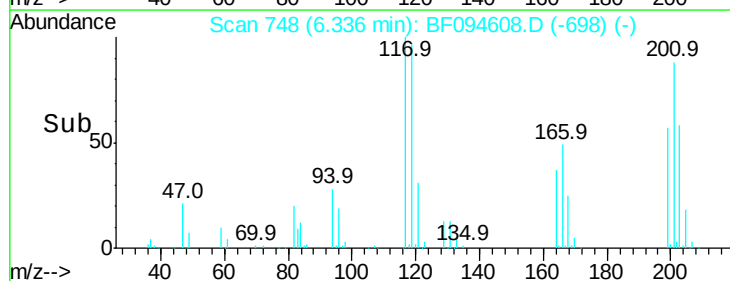
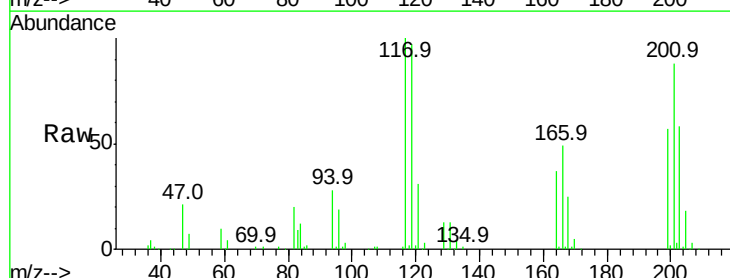
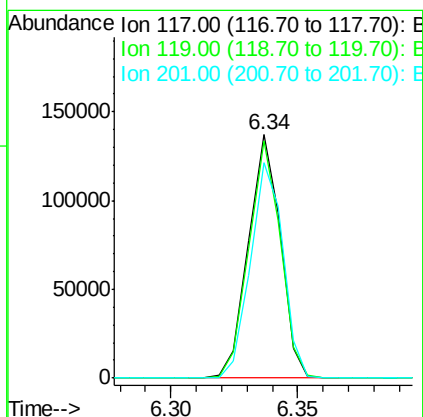
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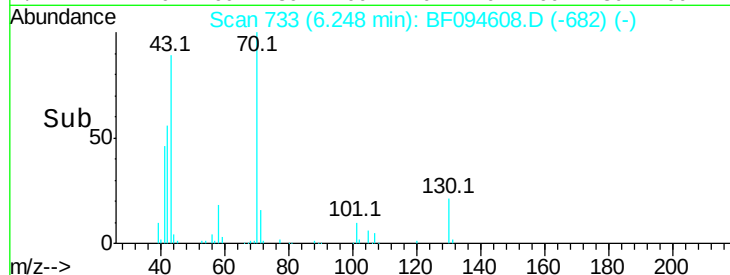
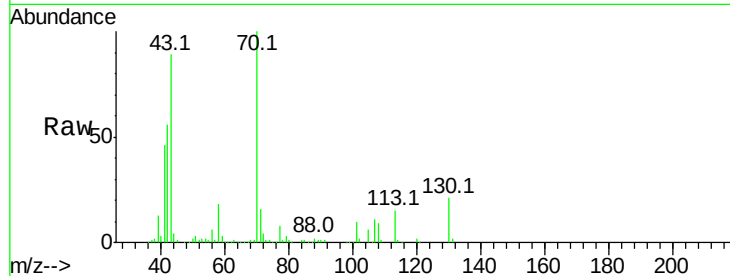
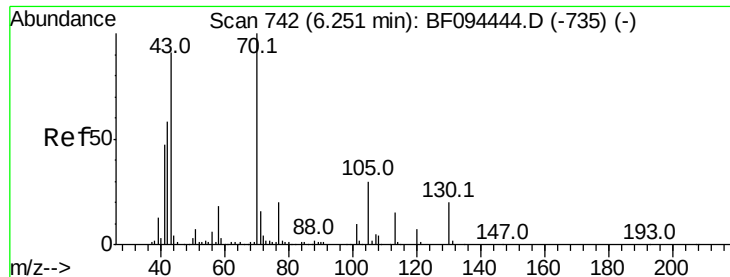
mohammad
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#18
Hexachloroethane
Concen: 38.43 ng
RT: 6.34 min Scan# 748
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.4	116.0
201	88.4	94.6	141.8#





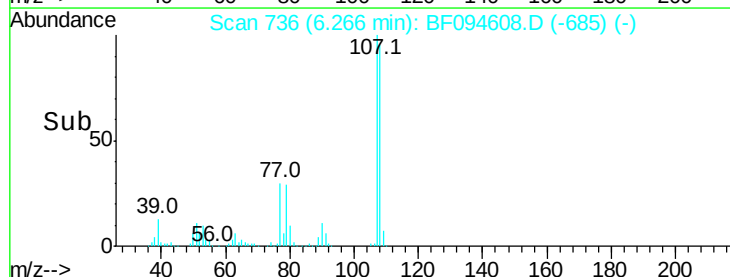
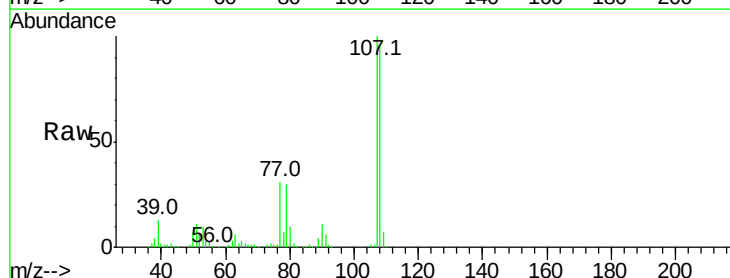
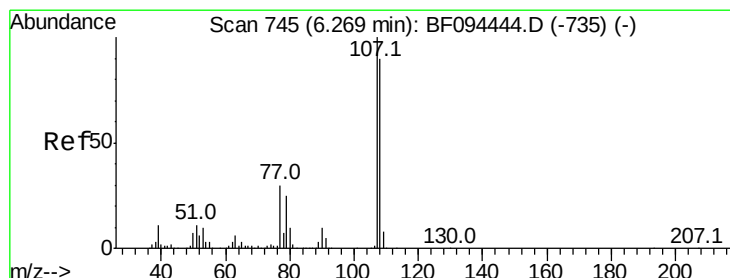
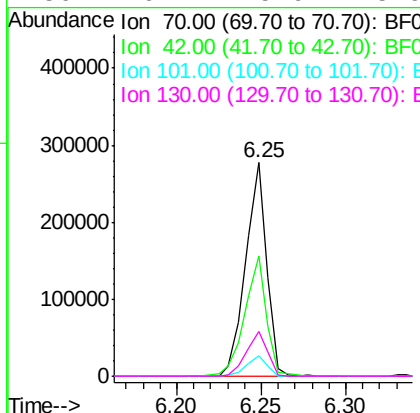
#19
n-Nitroso-di-n-propylamine
Concen: 42.85 ng
RT: 6.25 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB98458BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.1	47.2	70.8	
101	9.5	7.2	10.8	
130	20.7	15.9	23.9	

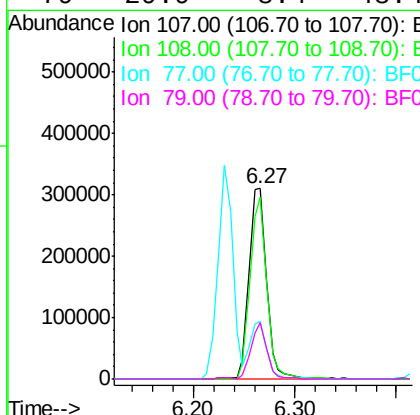
Manual Integrations
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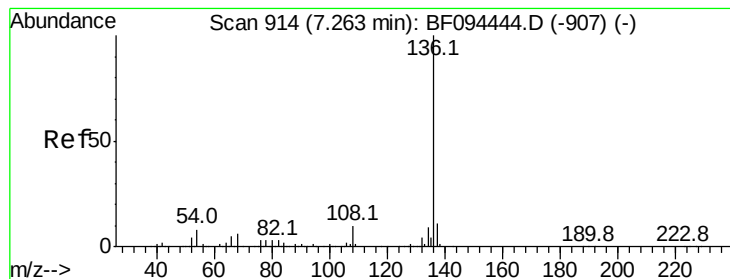
mohammad
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#20
3+4-Methylphenols
Concen: 43.04 ng
RT: 6.27 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.7	71.0	111.0	
77	30.5	90.5	130.5#	
79	29.9	8.4	48.4	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

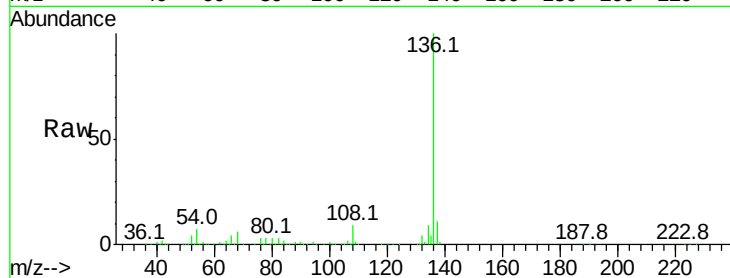
ClientSampleId :

PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	477095		
137	10.9		8.5	12.7
54	7.0		4.9	7.3
68	5.6		4.1	6.1

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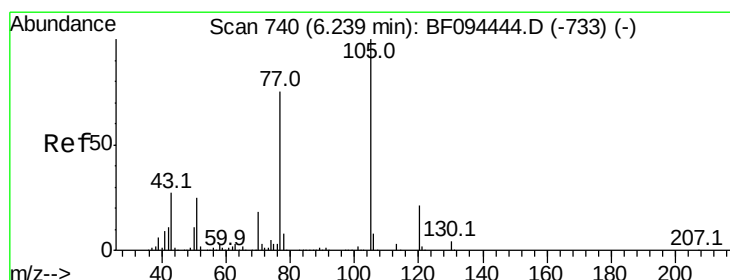
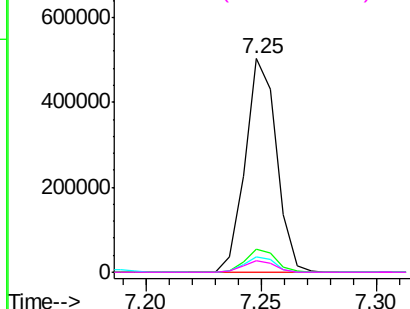
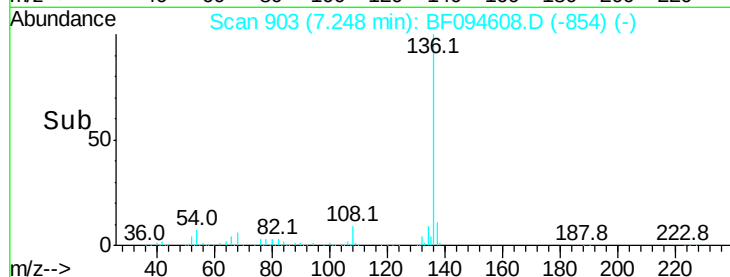
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.34 ng

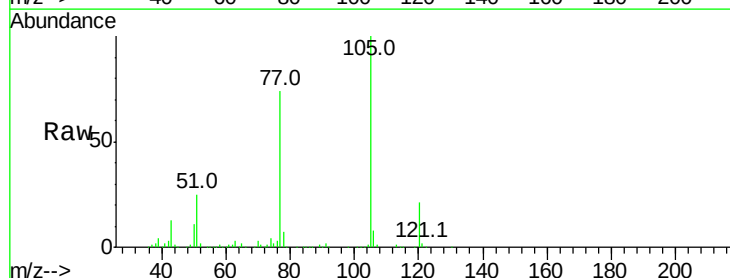
RT: 6.23 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	491196		
71	0.5		2.8	4.2#
51	25.1		30.7	46.1#
120	21.4		17.4	26.0



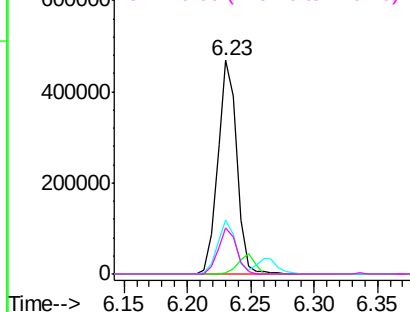
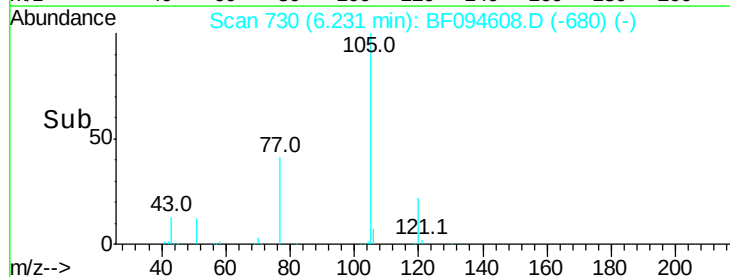
Abundance

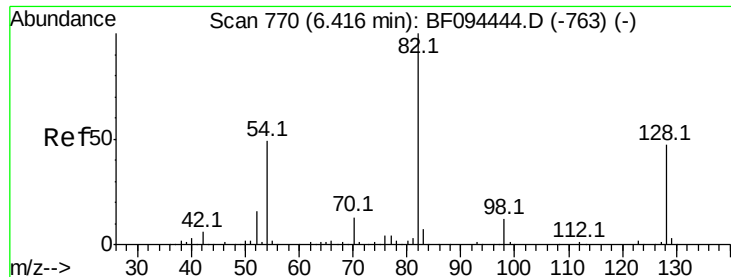
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 86.77 ng

RT: 6.41 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

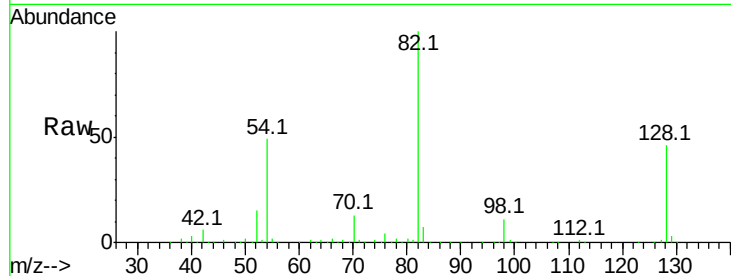
ClientSampleId :

PB98458BS

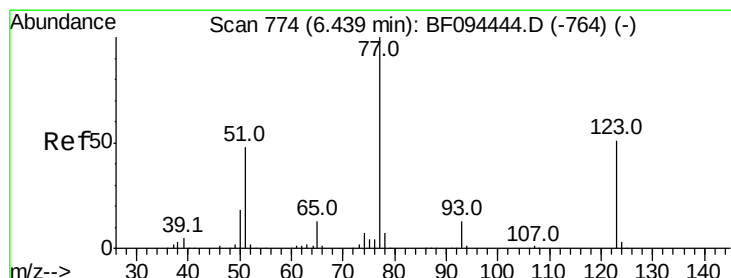
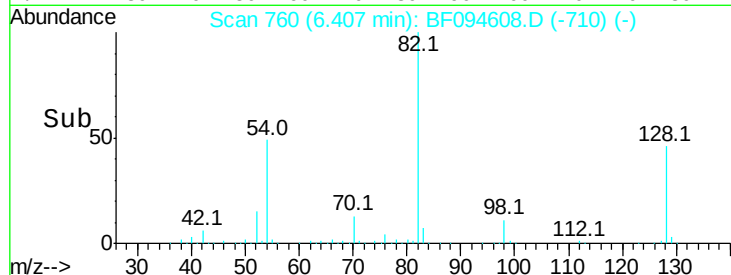
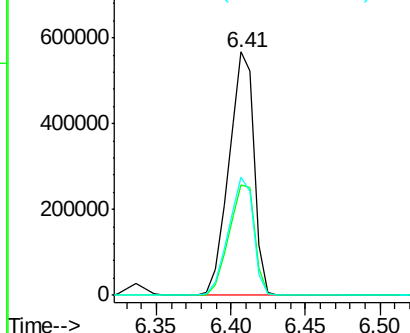
Tot Ion:	82	Resp:	670389
Ion Ratio	Lower	Upper	
82	100		
128	45.6	34.0	51.0
54	48.6	42.2	63.2

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



#24

Nitrobenzene

Concen: 42.73 ng

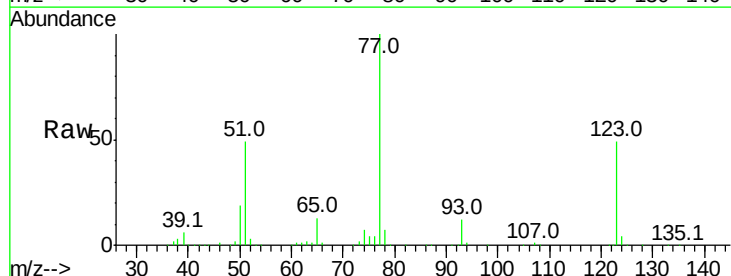
RT: 6.43 min Scan# 764

Delta R.T. -0.01 min

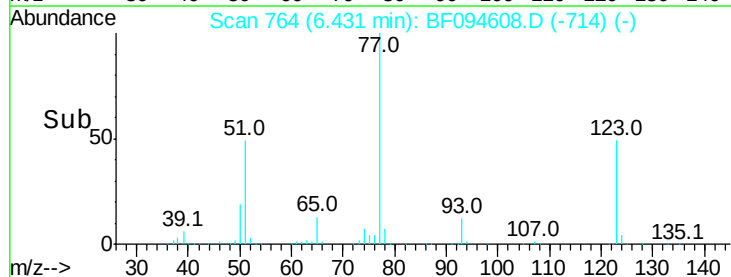
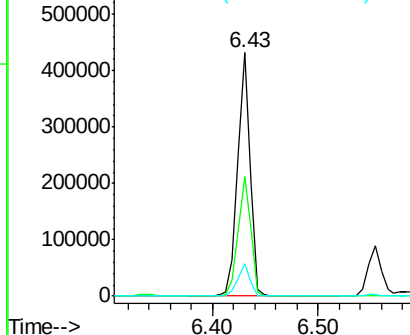
Lab File: BF094608.D

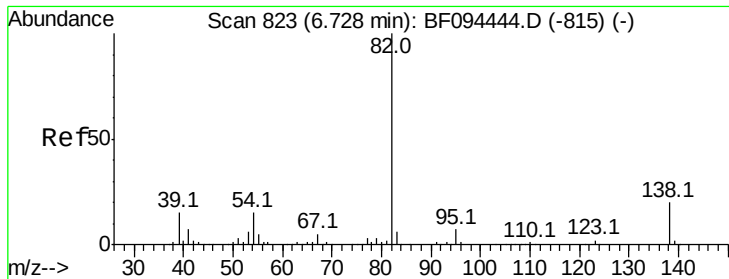
Acq: 25 Apr 2017 16:40

Tgt Ion:	77	Resp:	347644
Ion Ratio	Lower	Upper	
77	100		
123	49.1	35.8	53.8
65	13.3	10.6	15.8



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





#25

Isophorone

Concen: 42.79 ng

RT: 6.72 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

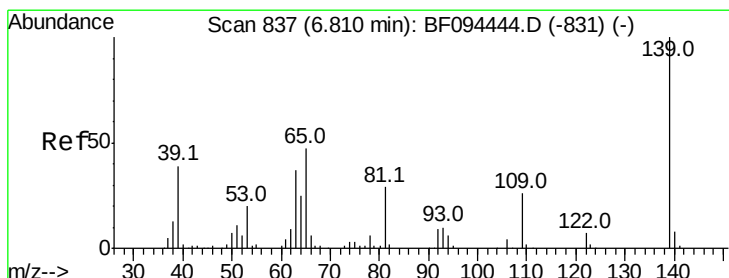
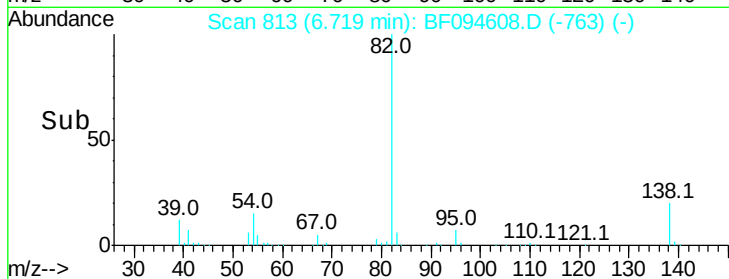
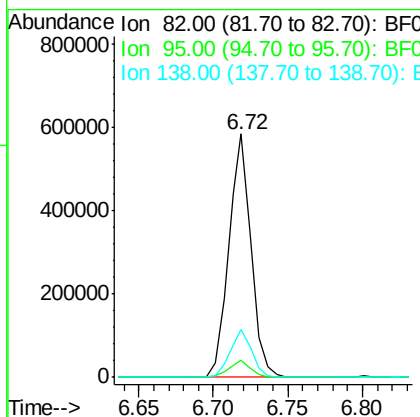
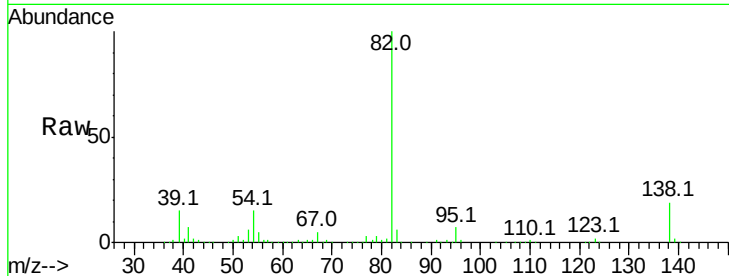
ClientSampleId :

PB98458BS

Tot Ion:	82	Resp:	612896
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.3	7.9
138	19.4	13.1	19.7

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#26

2-Nitrophenol

Concen: 39.69 ng

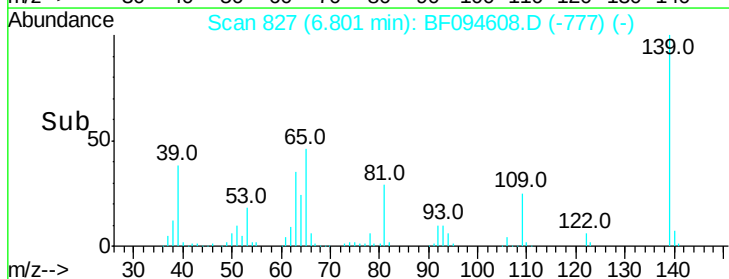
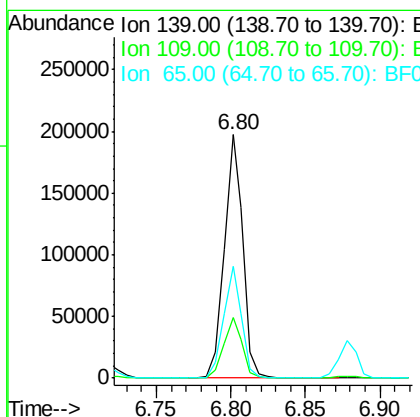
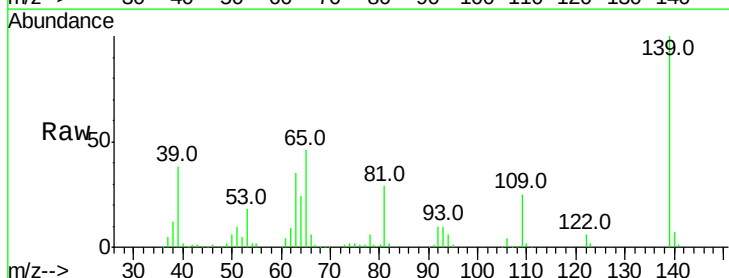
RT: 6.80 min Scan# 827

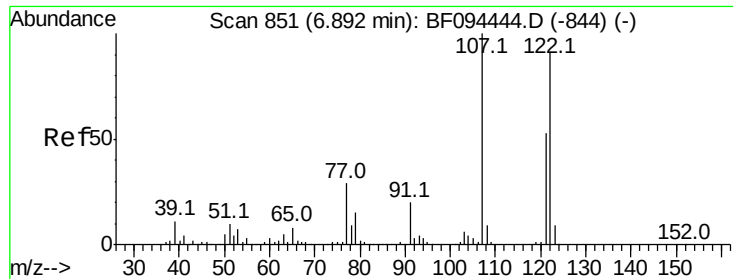
Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Tgt Ion:	139	Resp:	173511
Ion Ratio	Lower	Upper	
139	100		
109	24.7	21.0	31.6
65	45.9	33.0	49.6





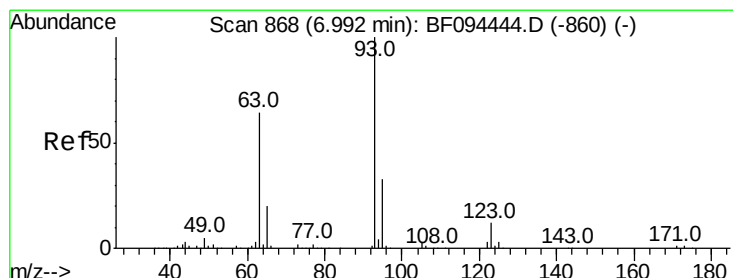
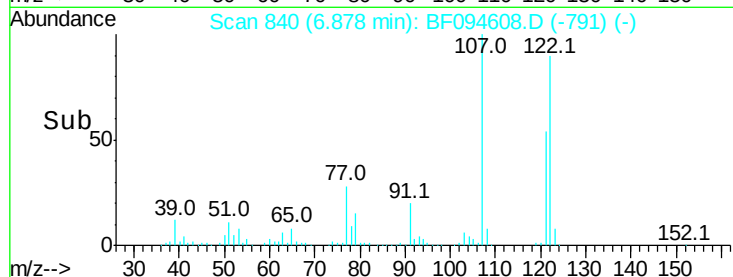
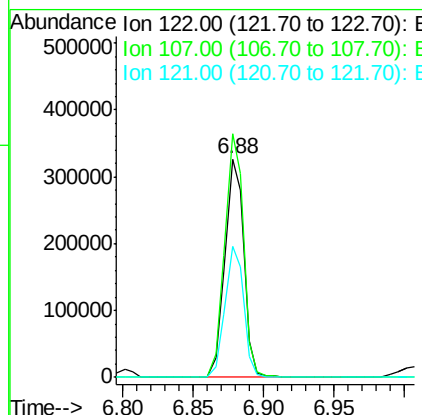
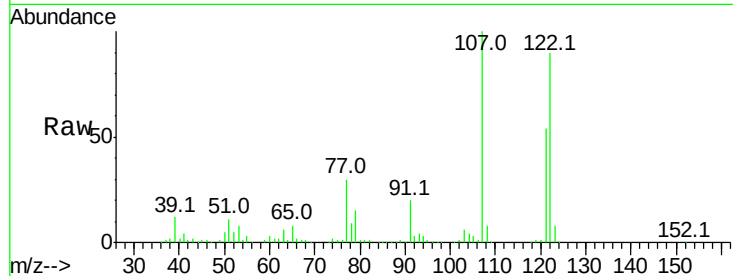
#27
2,4-Dimethylphenol
Concen: 43.04 ng
RT: 6.88 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	305618		
107	111.7	89.2	133.8	
121	59.9	45.2	67.8	

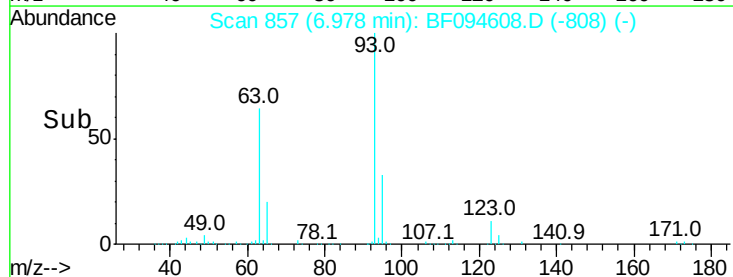
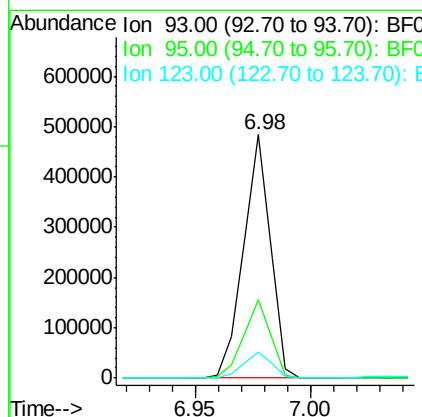
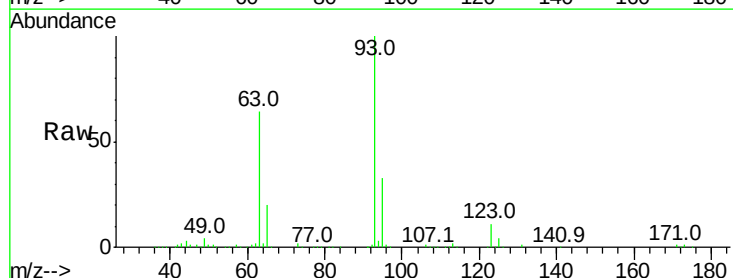
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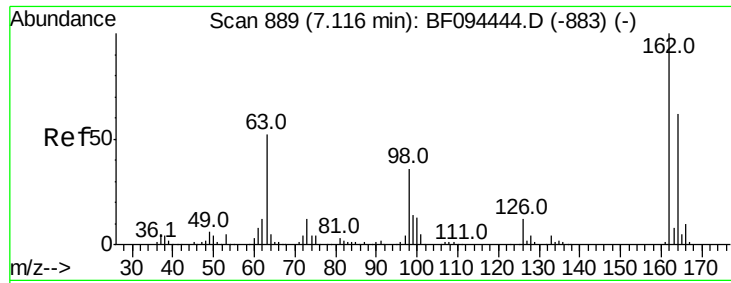
mohammad
4/26/2017 2:20:55 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.78 ng
RT: 6.98 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	396386		
95	32.5	26.5	39.7	
123	10.8	9.0	13.4	





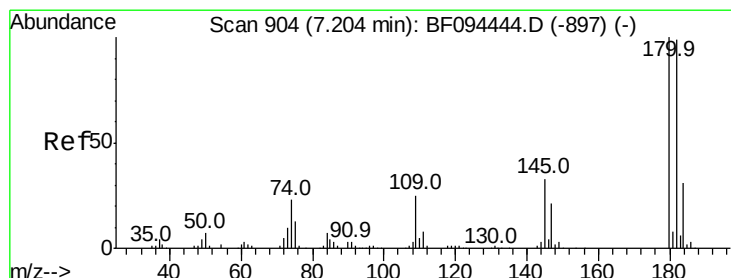
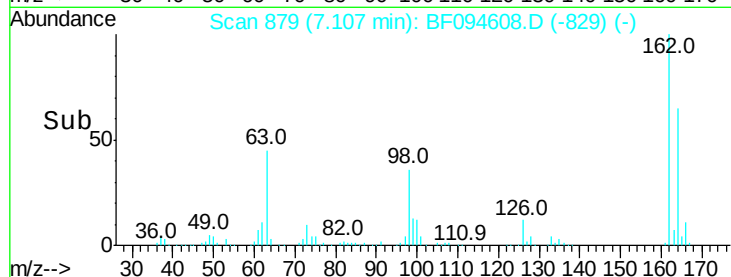
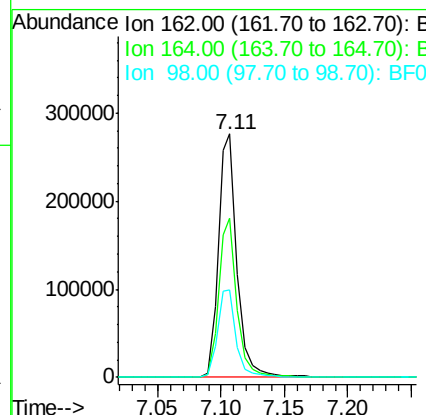
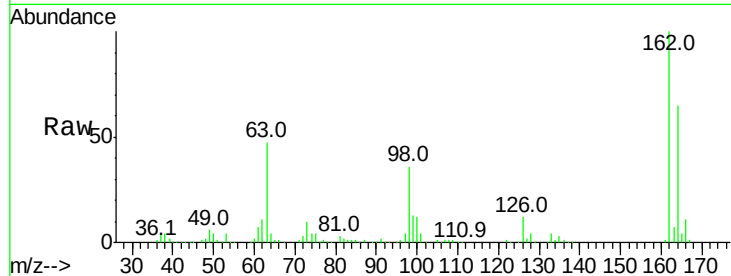
#29
 2,4-Dichlorophenol
 Concen: 43.33 ng
 RT: 7.11 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	286217		
164	65.5		44.6	84.6
98	35.9		14.8	54.8

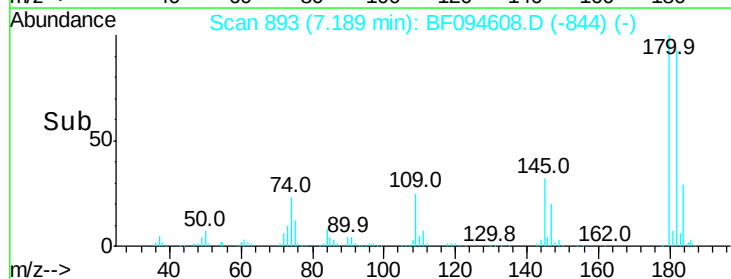
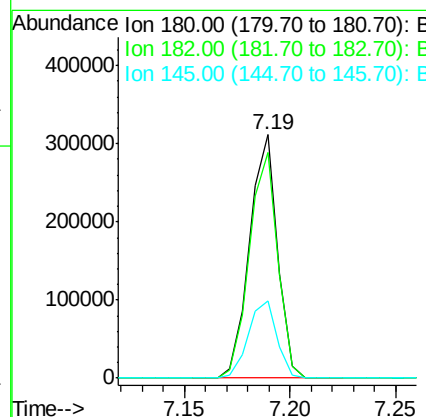
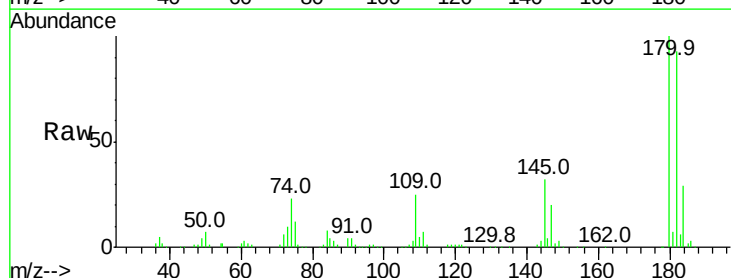
Manual Integrations
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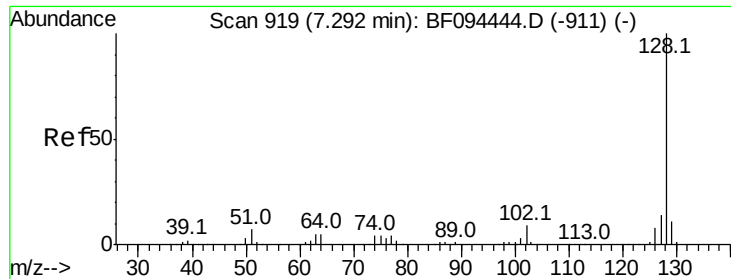
mohammad
 4/26/2017 2:20:55 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.67 ng
 RT: 7.19 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	284531		
182	92.9		75.8	113.6
145	31.9		25.3	37.9





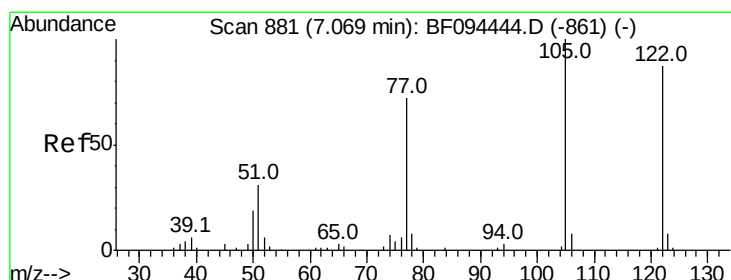
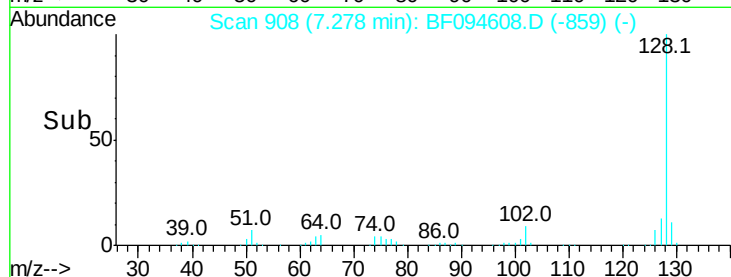
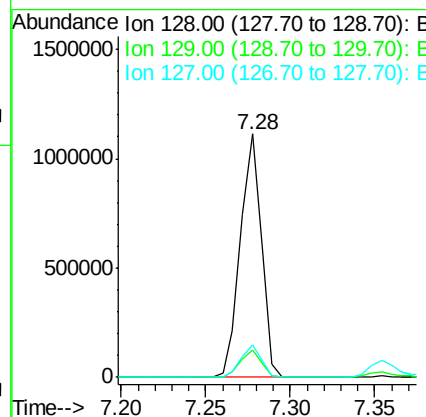
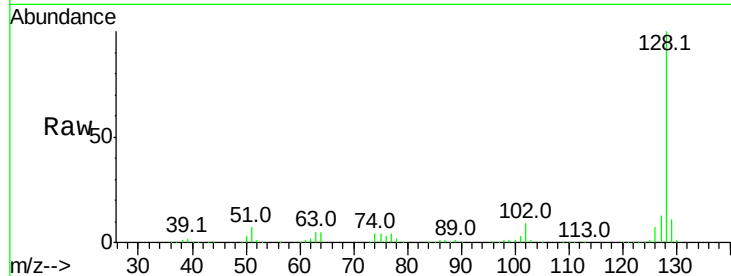
#31
Naphthalene
Concen: 41.95 ng
RT: 7.28 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampled :
PB98458BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.2	10.8	16.2

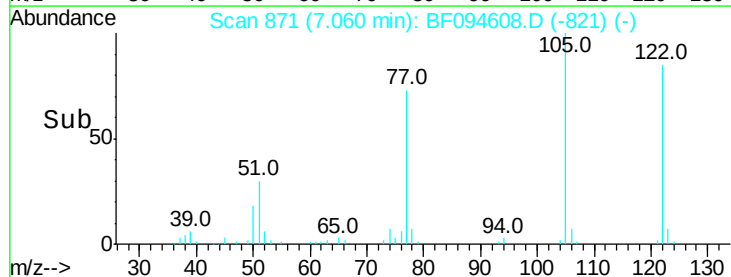
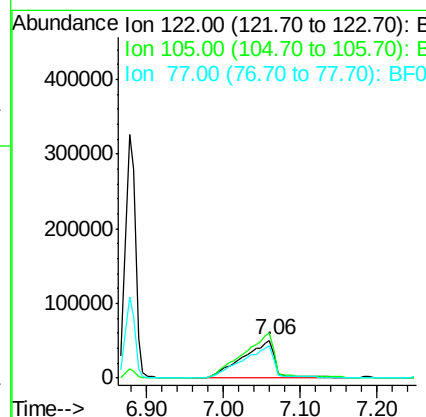
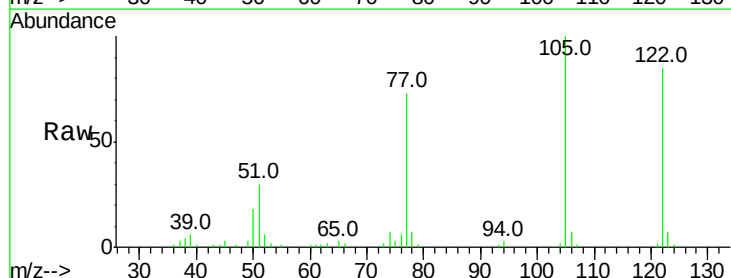
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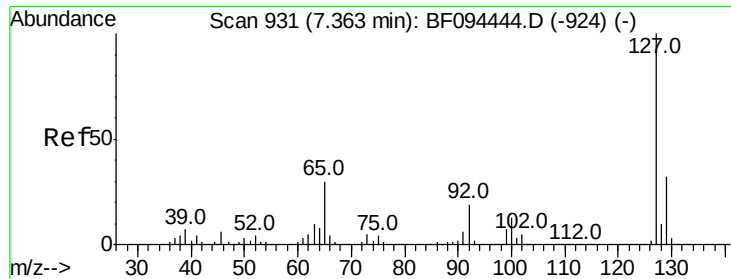
mohammad
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#32
Benzoic acid
Concen: 38.71 ng
RT: 7.06 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.2	103.3	143.3
77	86.2	73.7	113.7





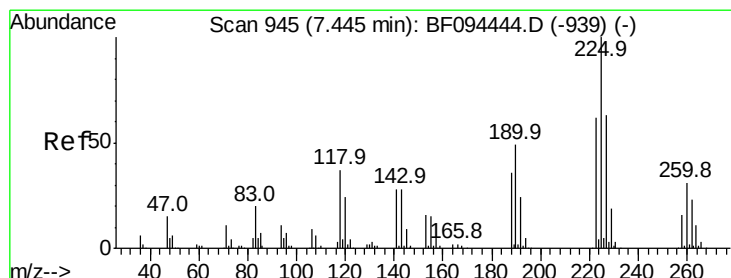
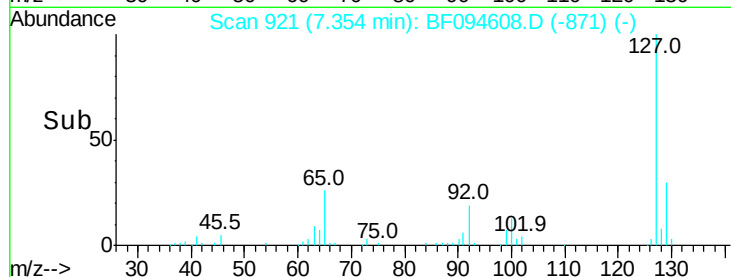
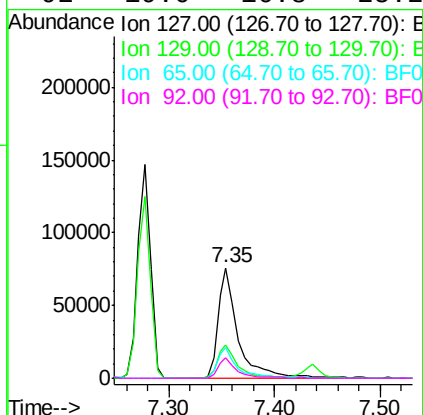
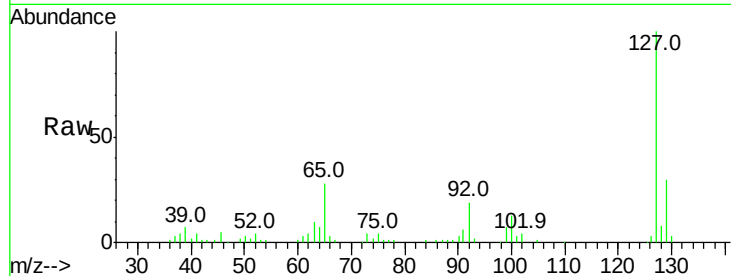
#33
4-Chloroaniline
Concen: 10.57 ng
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	100859		
129	29.8		26.2	39.2
65	27.9		27.8	41.8
92	19.0		16.8	25.2

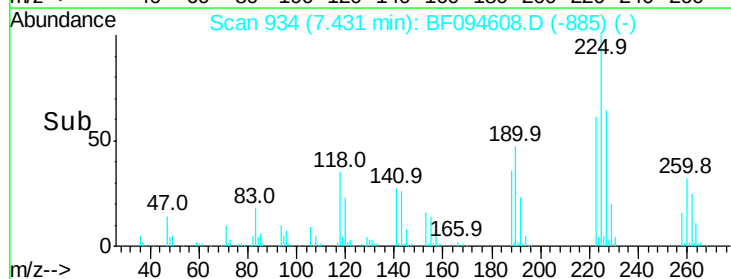
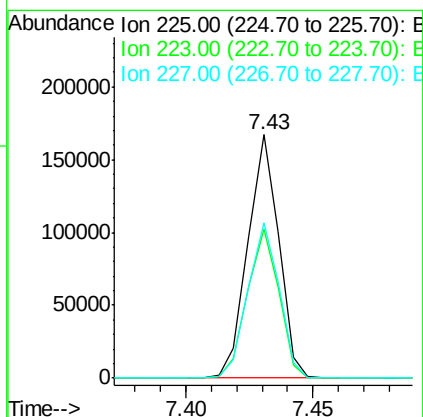
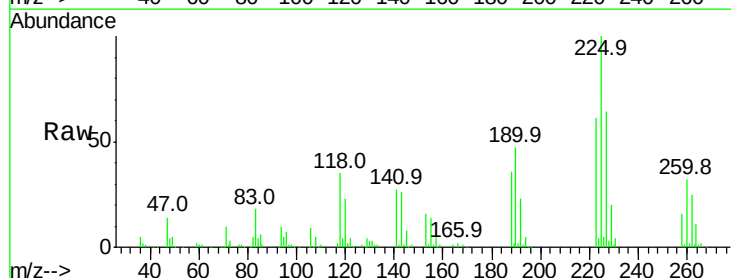
Manual Integrations
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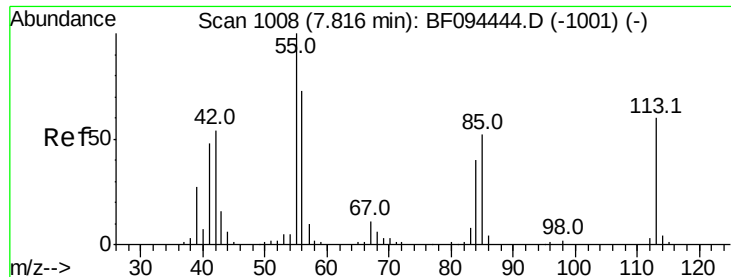
mohammad
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#34
Hexachlorobutadiene
Concen: 41.72 ng
RT: 7.43 min Scan# 934
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	142061		
223	61.4		48.8	73.2
227	63.6		51.1	76.7





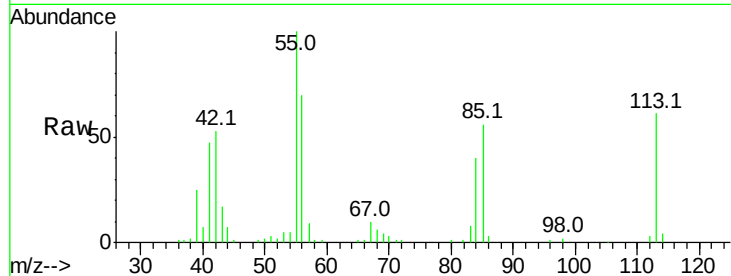
#35
 Caprolactam
 Concen: 45.35 ng/ml
 RT: 7.81 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleID :
 PB98458BS

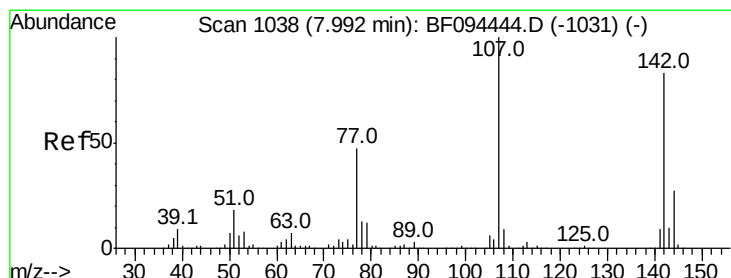
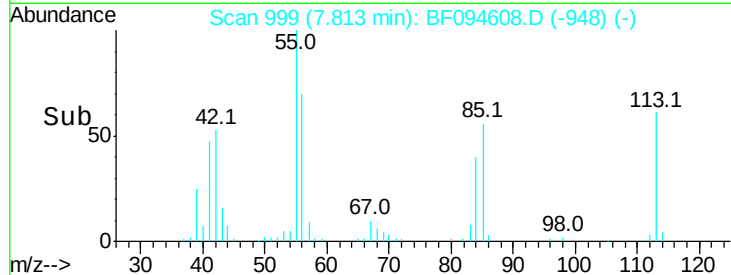
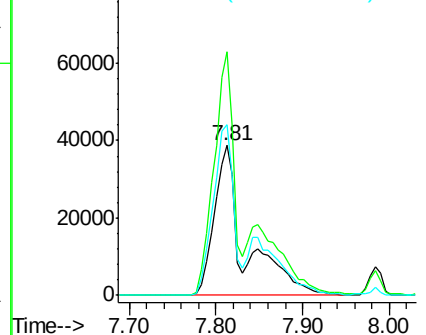
Tot Ion: 113 Resp: 94109
 Ion Ratio Lower Upper
 113 100
 55 162.7 150.2 190.2
 56 113.6 107.8 147.8

Manual Integrations
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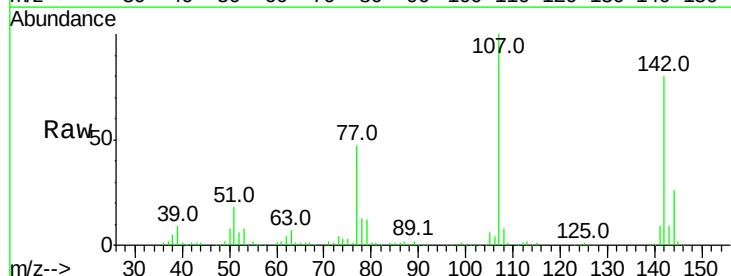


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

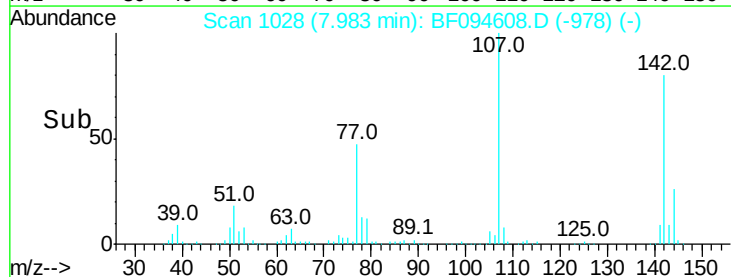
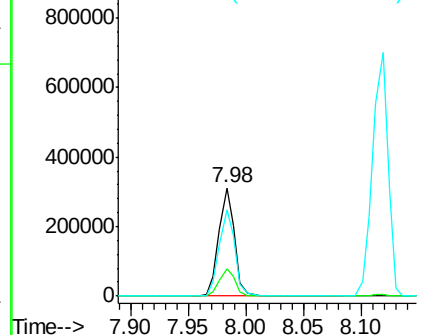


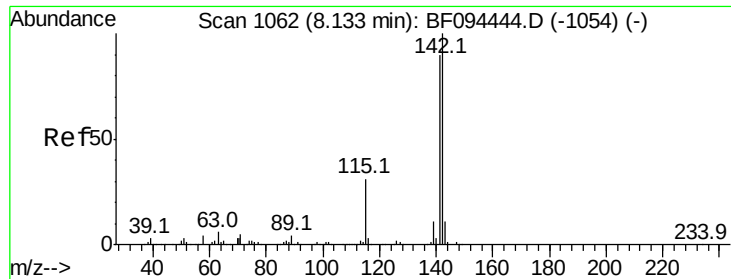
#36
 4-Chloro-3-methylphenol
 Concen: 42.37 ng/ml
 RT: 7.98 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion: 107 Resp: 293306
 Ion Ratio Lower Upper
 107 100
 144 25.7 24.2 36.4
 142 80.0 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





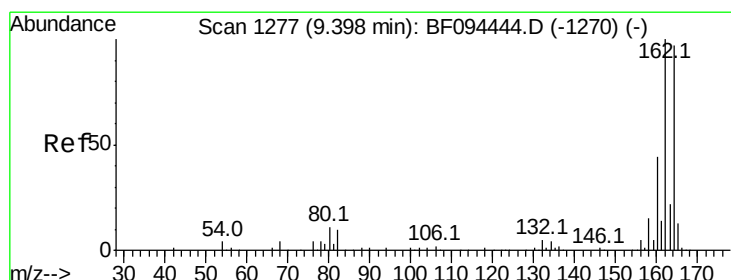
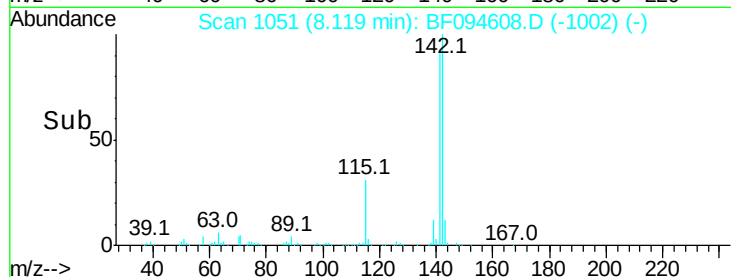
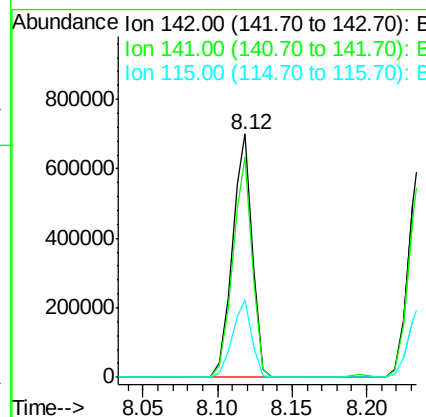
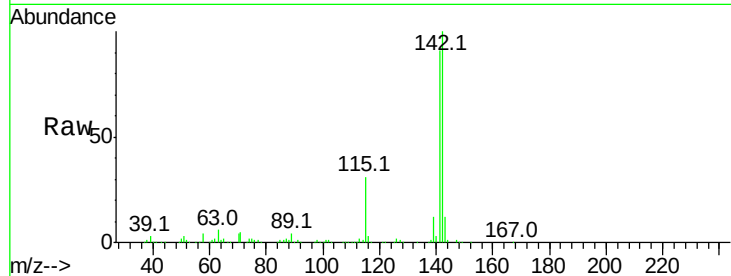
#37
 2-Methylnaphthalene
 Concen: 41.97 ng
 RT: 8.12 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	658536		
141	90.8	71.3	106.9	
115	31.5	27.1	40.7	

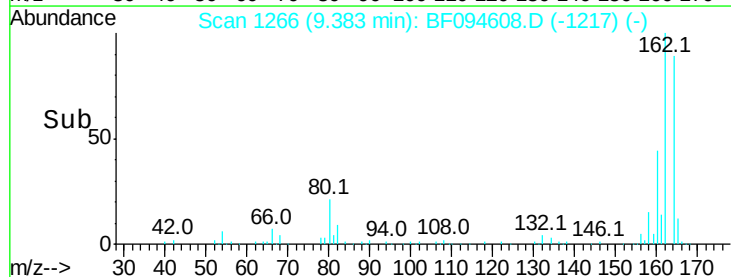
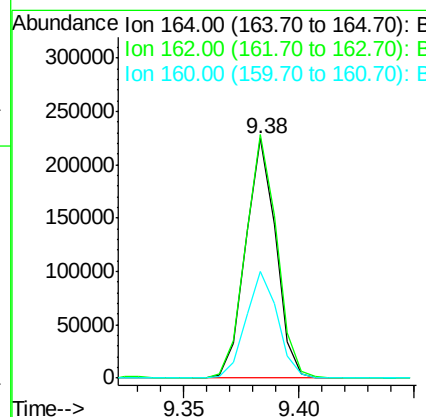
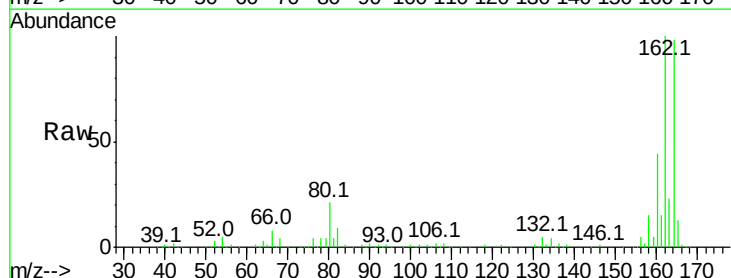
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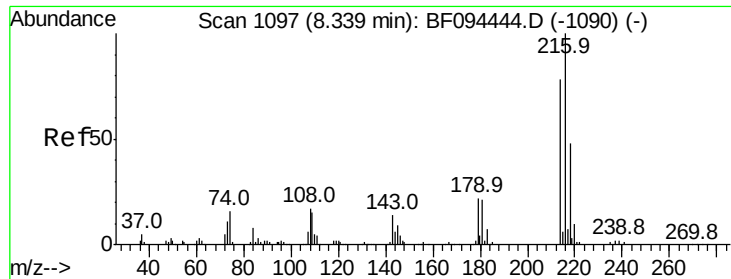
mohammad
 4/26/2017 2:20:55 PM



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.38 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	206328		
162	101.7	82.6	123.8	
160	44.5	36.2	54.2	





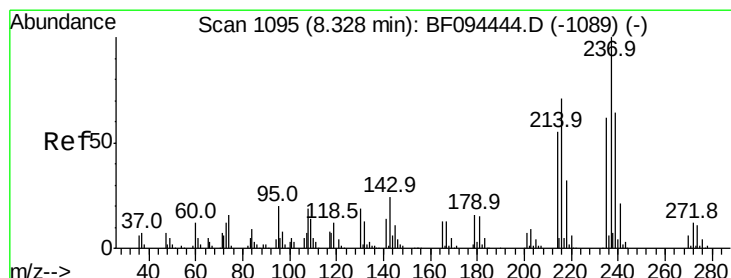
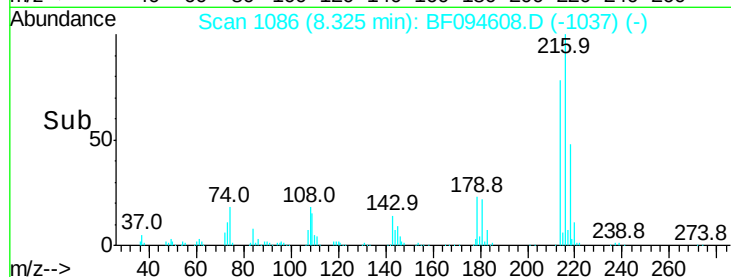
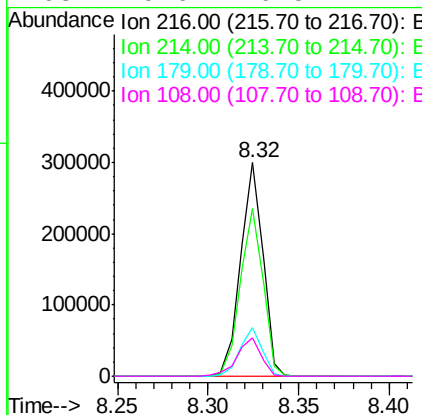
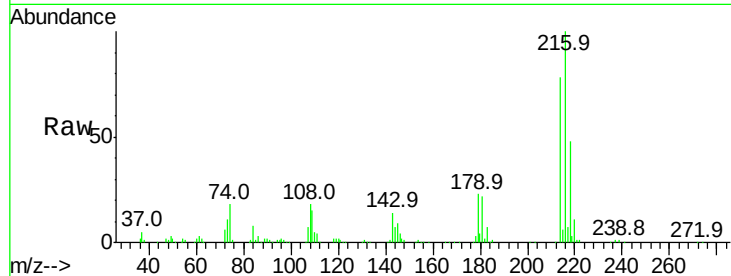
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.75 ng
 RT: 8.32 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	257041		
214	79.5	63.4	95.2	
179	22.4	17.9	26.9	
108	19.6	16.5	24.7	

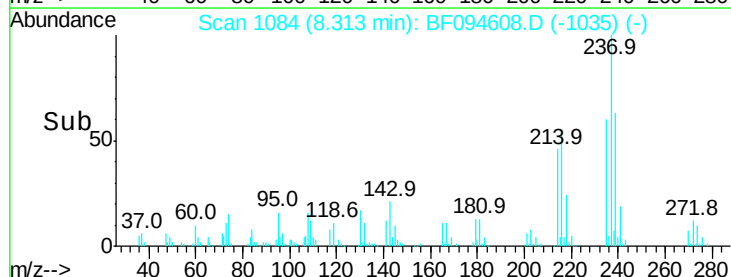
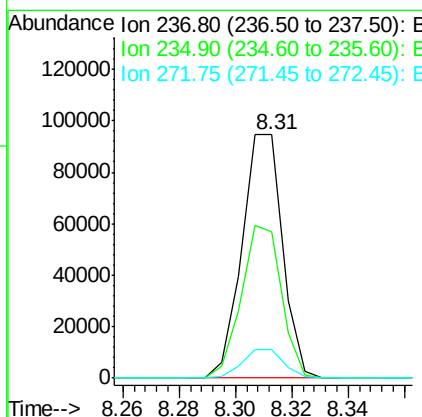
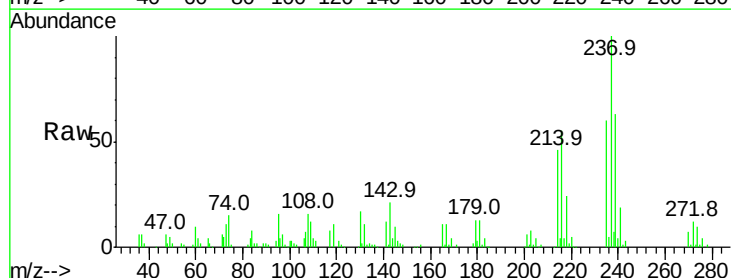
Manual Integrations
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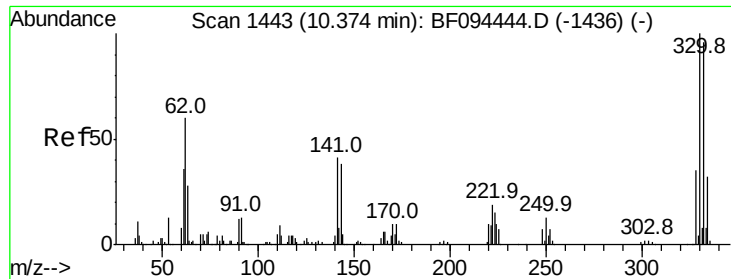
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 39.70 ng
 RT: 8.31 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	94369		
235	60.1	42.6	82.6	
272	11.7	0.0	31.9	





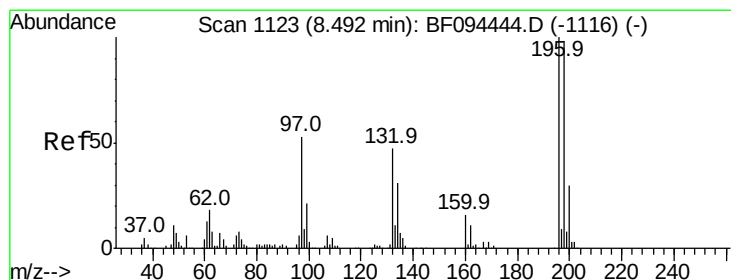
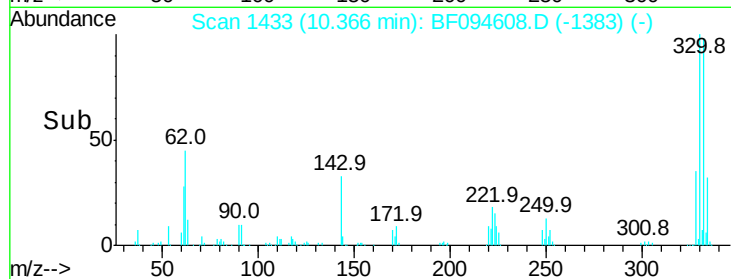
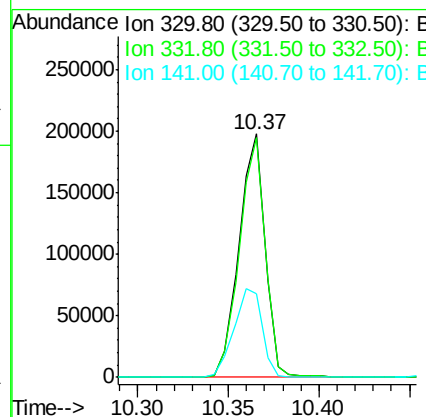
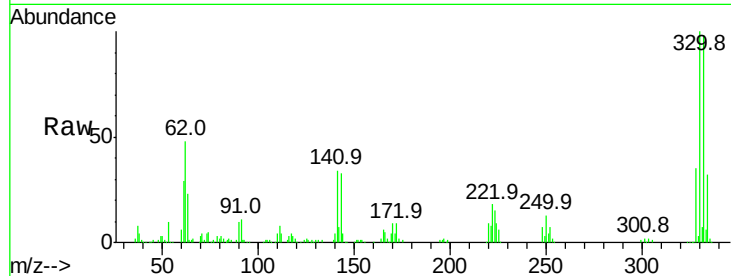
#41
 2,4,6-Tribromophenol
 Concen: 122.78 ng
 RT: 10.37 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleID :
 PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	198154		
332	98.2	76.6	115.0	
141	39.6	31.4	47.2	

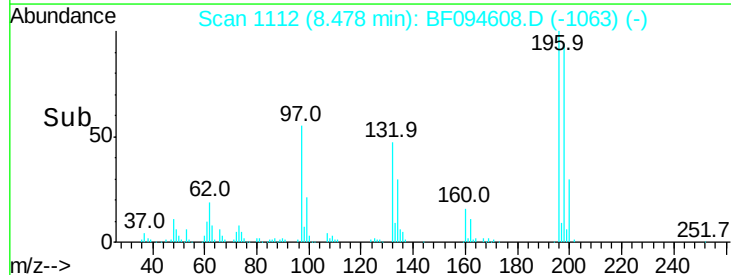
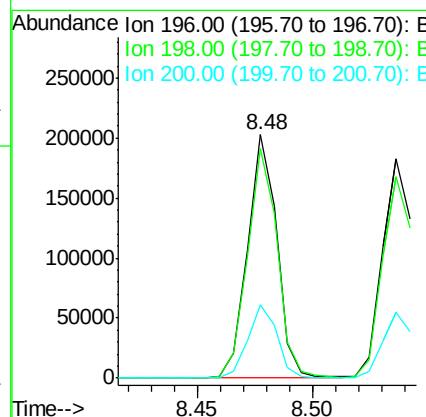
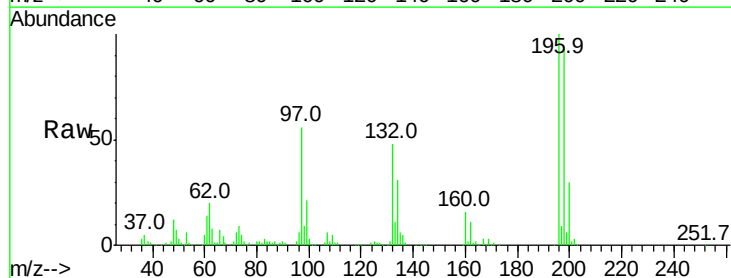
Manual Integrations
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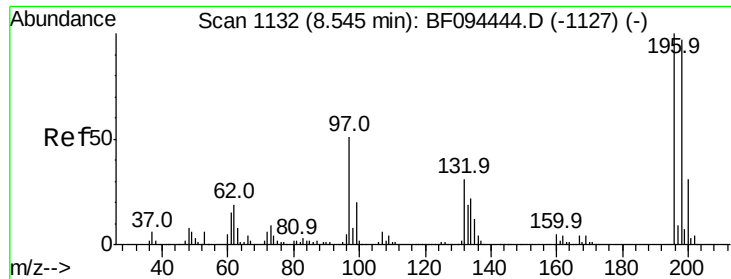
mohammad
 4/26/2017 2:20:55 PM



#42
 2,4,6-Trichlorophenol
 Concen: 43.91 ng
 RT: 8.48 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	181190		
198	94.1	74.2	111.4	
200	29.9	24.0	36.0	





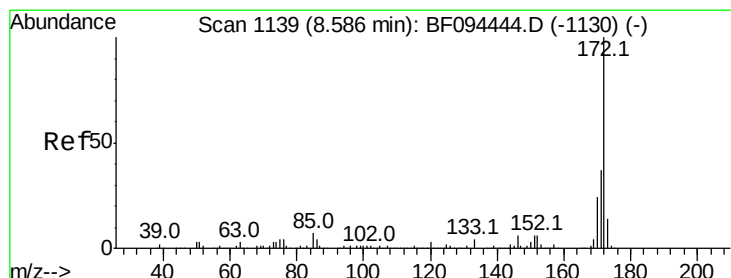
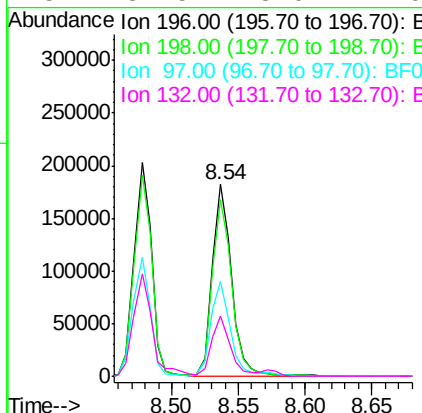
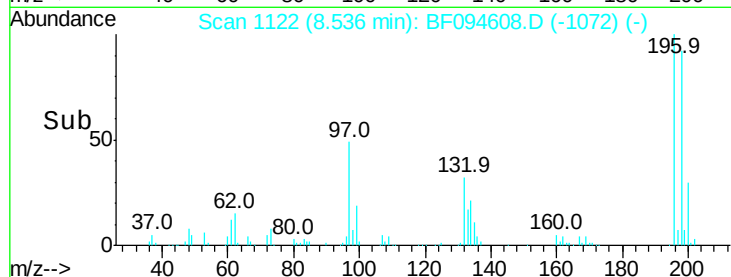
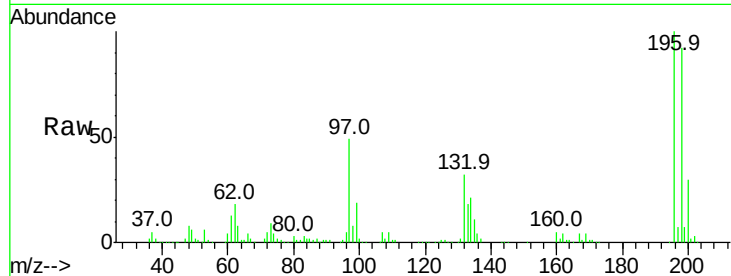
#43
 2,4,5-Trichlorophenol
 Concen: 43.95 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	186225		
198	92.2	75.7	113.5	
97	49.2	47.7	71.5	
132	31.5	28.0	42.0	

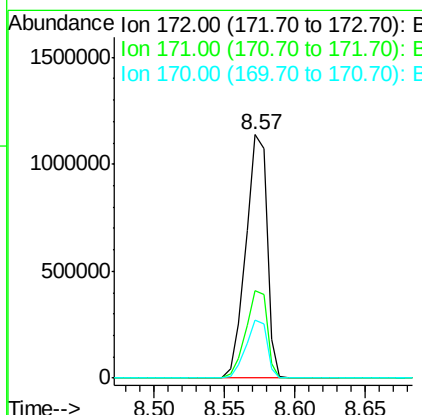
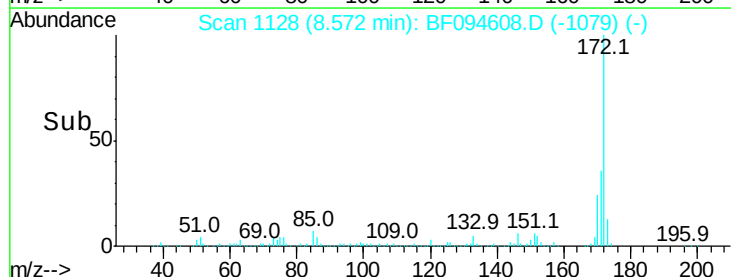
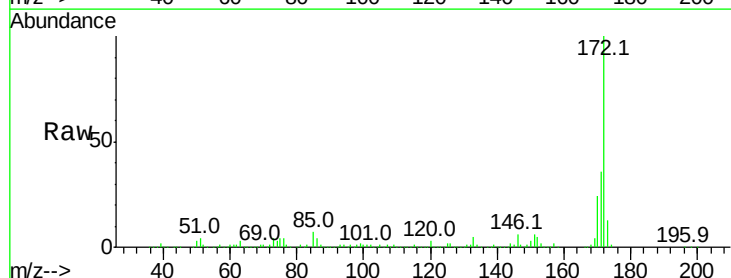
Manual Integrations
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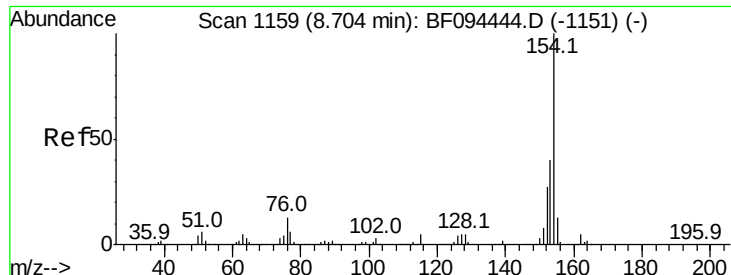
mohammad
 4/26/2017 2:20:55 PM



#44
 2-Fluorobiphenyl
 Concen: 85.60 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1200403		
171	36.0	29.6	44.4	
170	23.7	19.8	29.8	





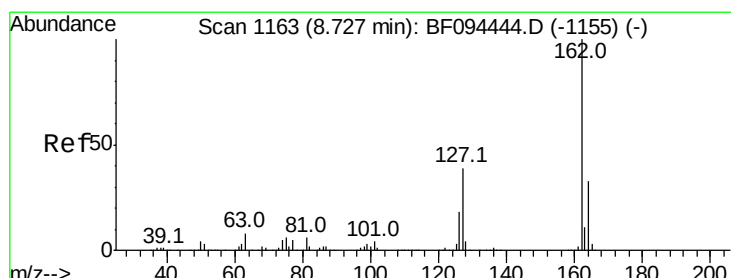
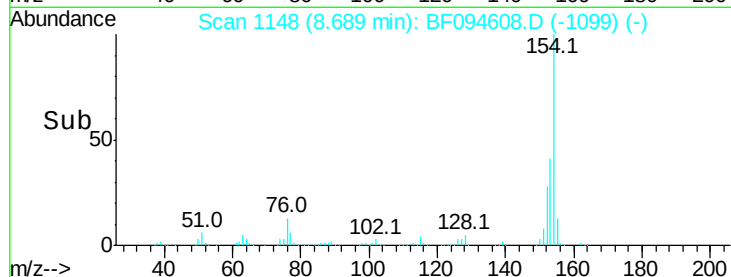
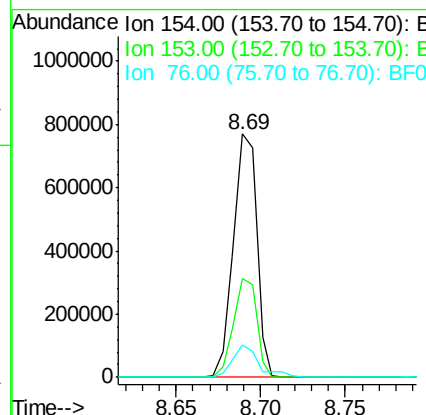
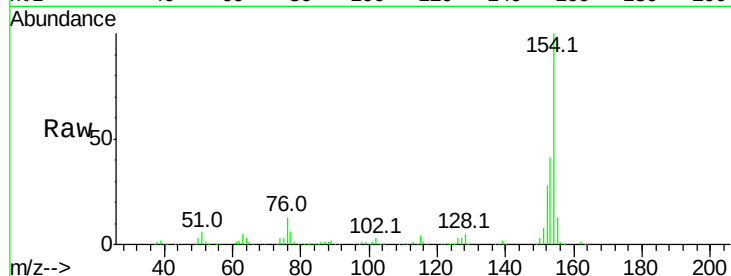
#45
 1,1'-Biphenyl
 Concen: 44.09 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.2	61.2
76	13.5	0.0	29.9

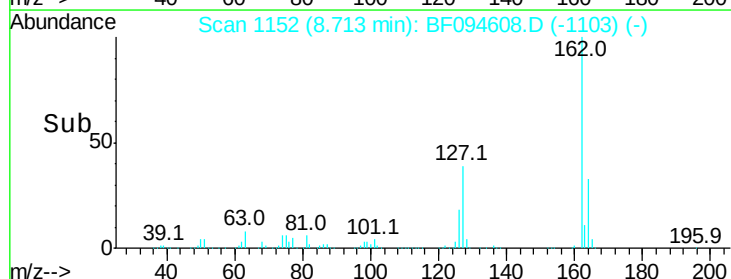
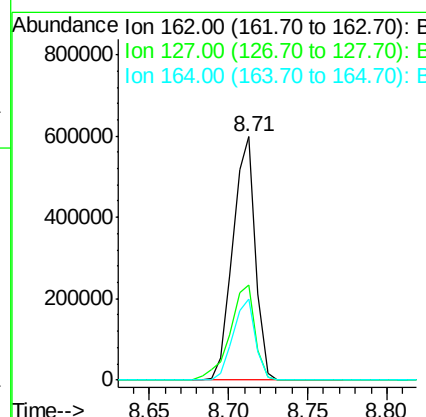
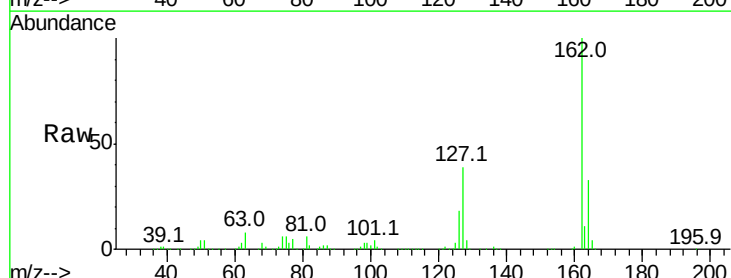
Manual Integrations
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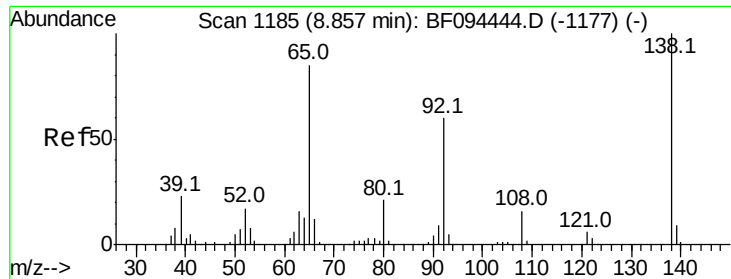
mohammad
 4/26/2017 2:20:55 PM



#46
 2-Chloronaphthalene
 Concen: 43.98 ng
 RT: 8.71 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.0	28.3	42.5
164	33.4	27.0	40.4





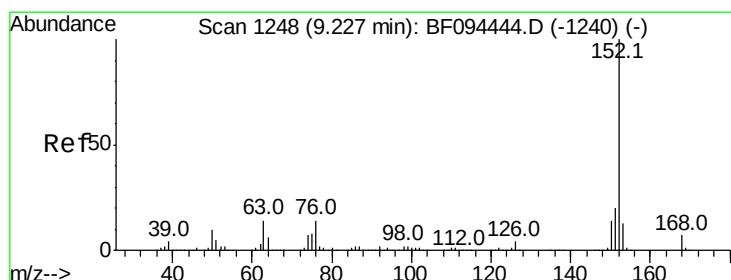
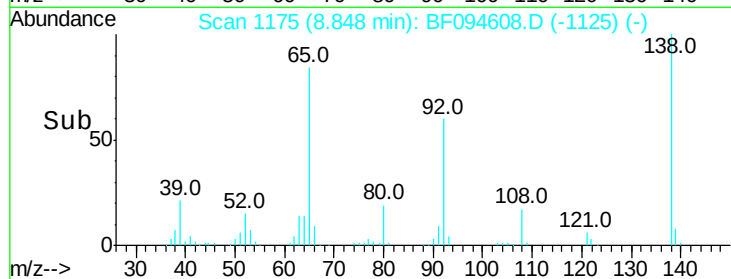
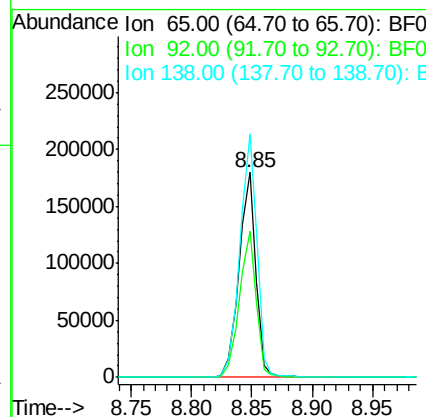
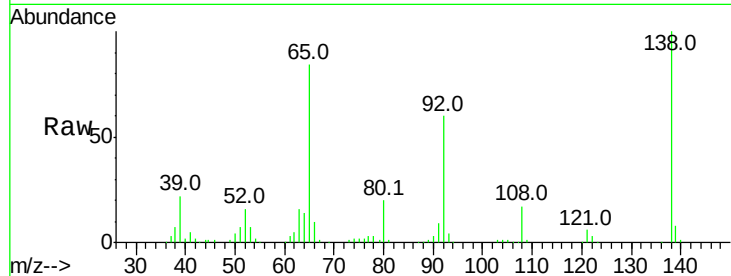
#47
 2-Nitroaniline
 Concen: 45.73 ng
 RT: 8.85 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.4	53.9	80.9
138	118.7	78.8	118.2#

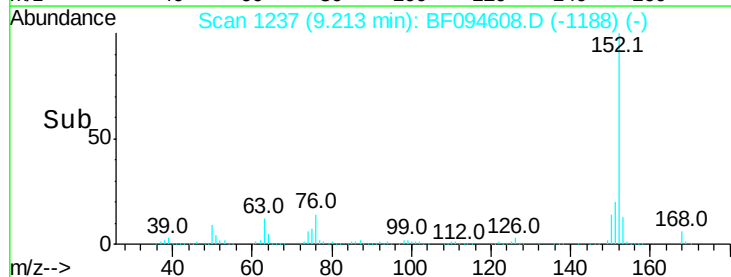
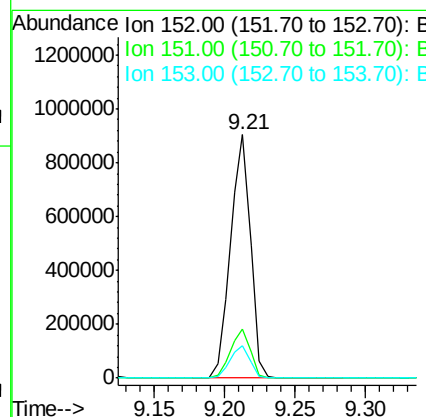
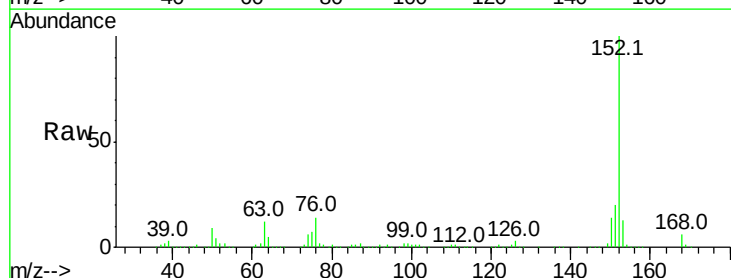
Manual Integrations
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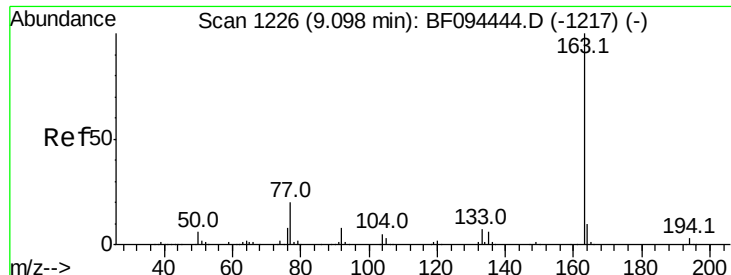
mohammad
 4/26/2017 2:20:55 PM



#48
 Acenaphthylene
 Concen: 42.36 ng
 RT: 9.21 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

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





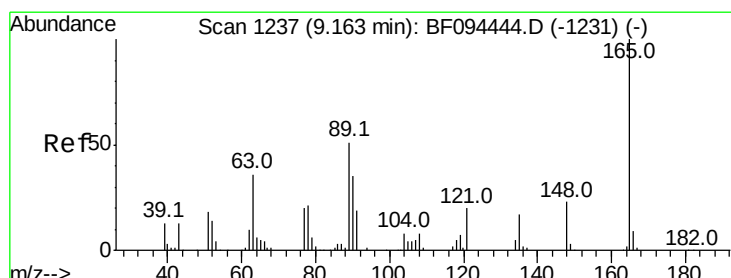
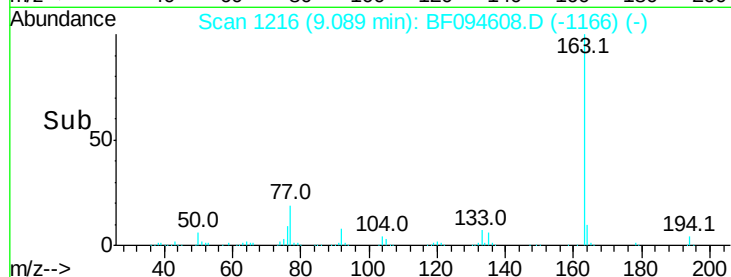
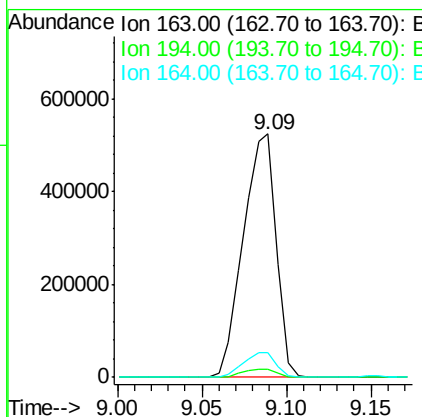
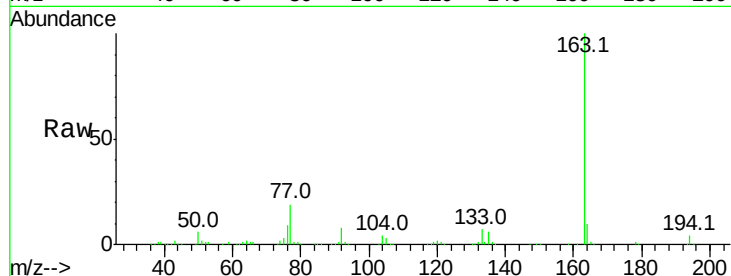
#49
Dimethylphthalate
Concen: 46.21 ng
RT: 9.09 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	710543		
194	3.6		2.6	4.0
164	10.0		8.4	12.6

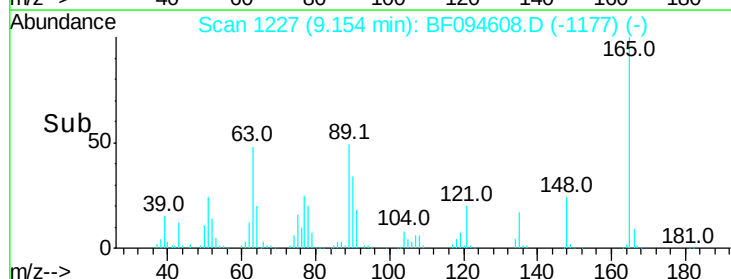
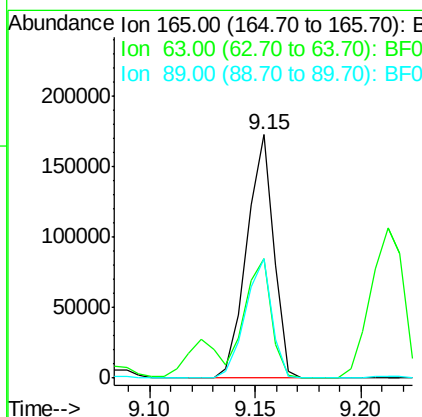
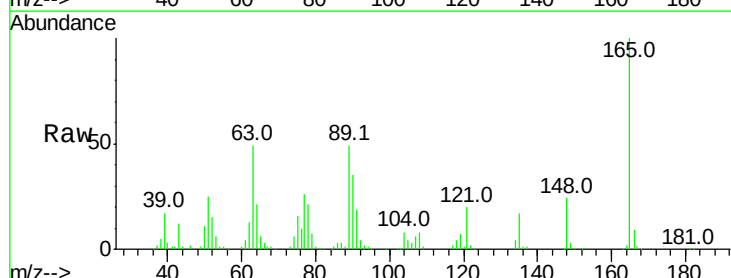
Manual Integrations
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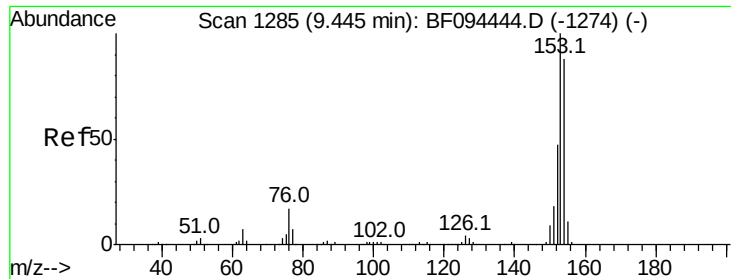
mohammad
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#50
2,6-Dinitrotoluene
Concen: 44.40 ng
RT: 9.15 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	153255		
63	49.2		34.3	51.5
89	49.2		37.1	55.7





#51

Acenaphthene

Concen: 43.05 ng

RT: 9.42 min Scan# 1273

Delta R.T. -0.02 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

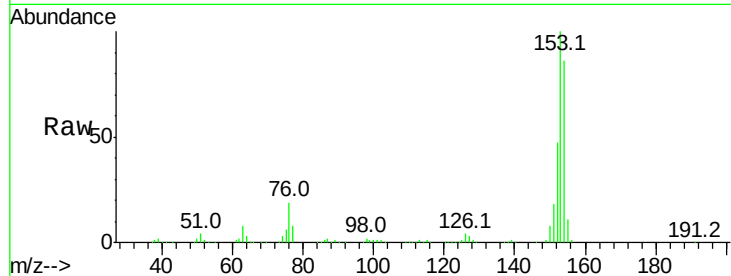
ClientSampleId :

PB98458BS

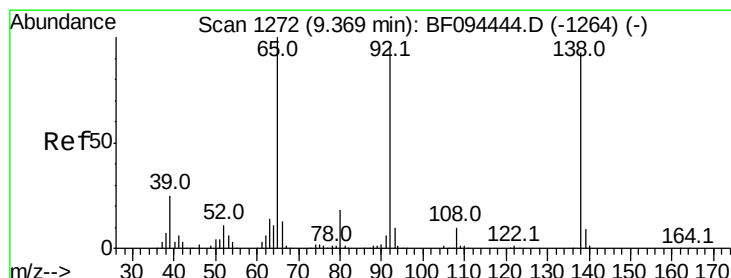
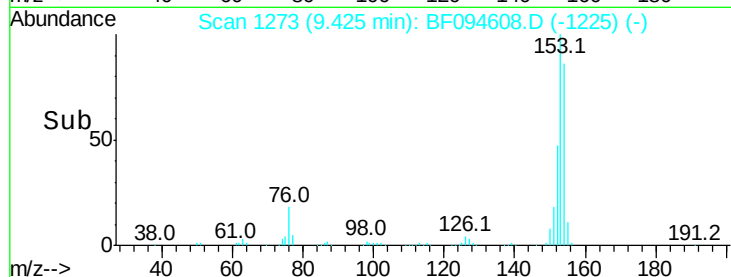
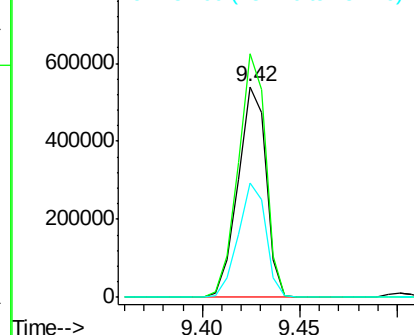
Tot Ion:	154	Resp:	538823
Ion Ratio	Lower	Upper	
154	100		
153	115.6	90.5	135.7
152	54.4	43.6	65.4

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



#52

3-Nitroaniline

Concen: 27.02 ng

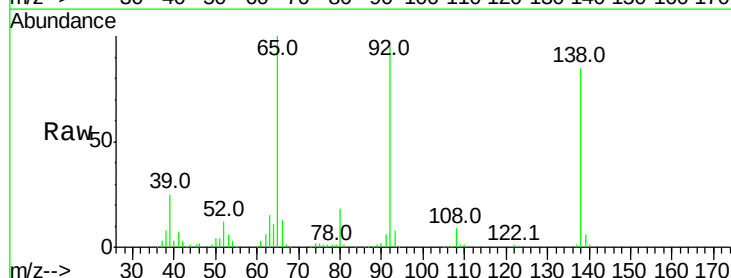
RT: 9.35 min Scan# 1261

Delta R.T. -0.01 min

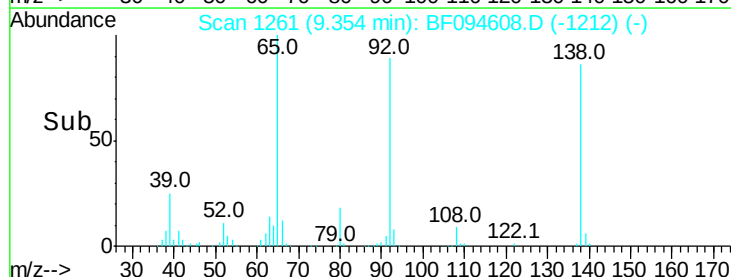
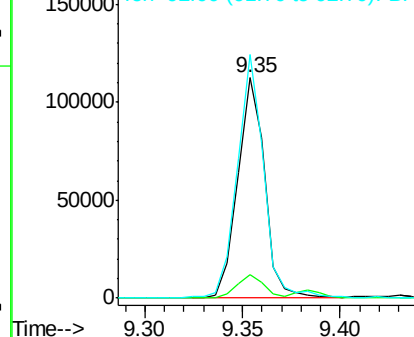
Lab File: BF094608.D

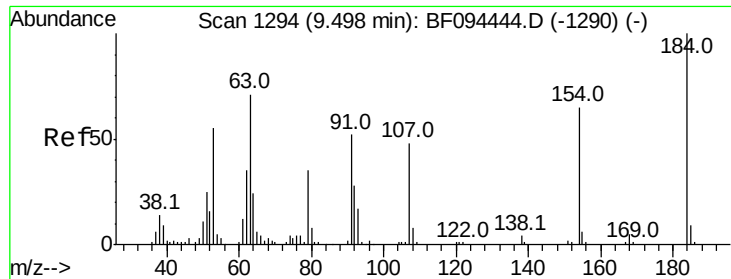
Acq: 25 Apr 2017 16:40

Tgt Ion:	138	Resp:	107877
Ion Ratio	Lower	Upper	
138	100		
108	10.9	9.1	13.7
92	110.7	93.8	140.6



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





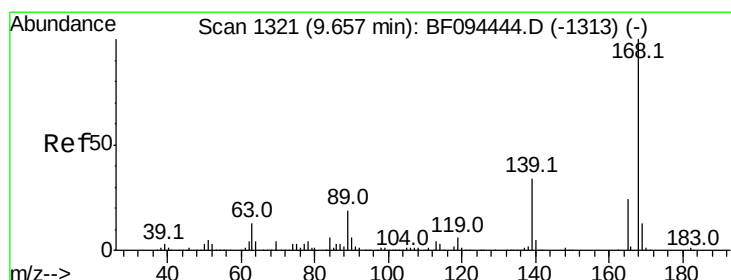
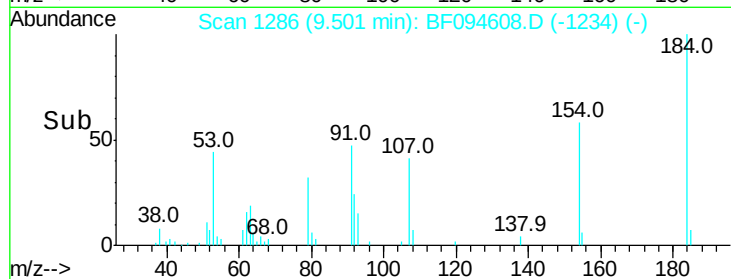
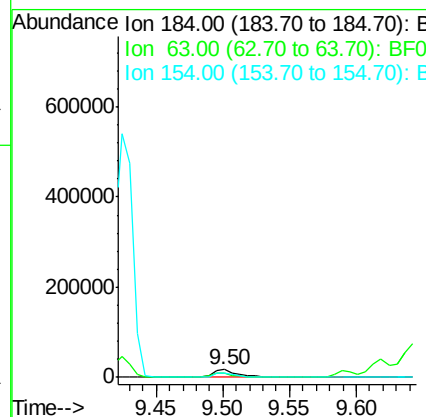
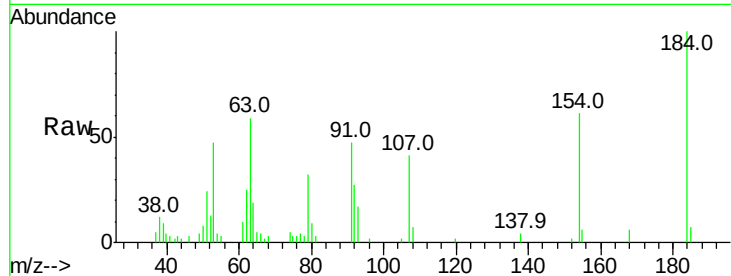
#53
 2,4-Dinitrophenol
 Concen: 17.20 ng
 RT: 9.50 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	59.4	62.7	94.1#	
154	60.8	81.1	121.7#	

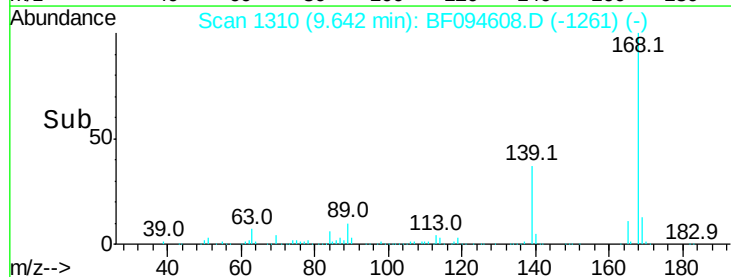
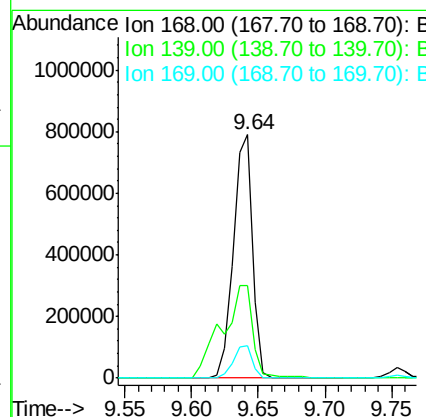
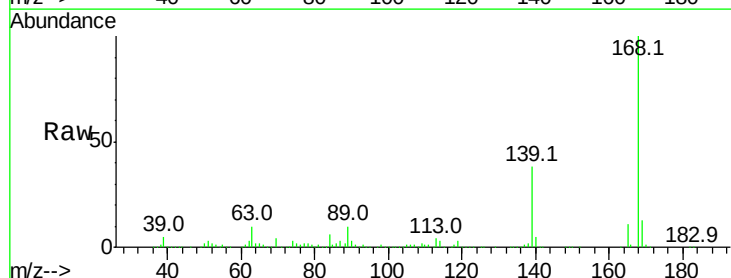
Manual Integrations
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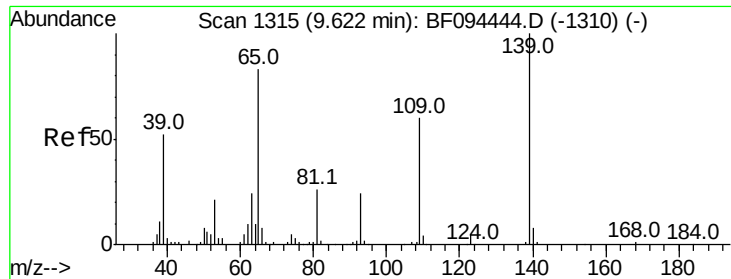
mohammad
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#54
 Dibenzofuran
 Concen: 43.95 ng
 RT: 9.64 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.1	30.6	45.8	
169	13.1	10.8	16.2	





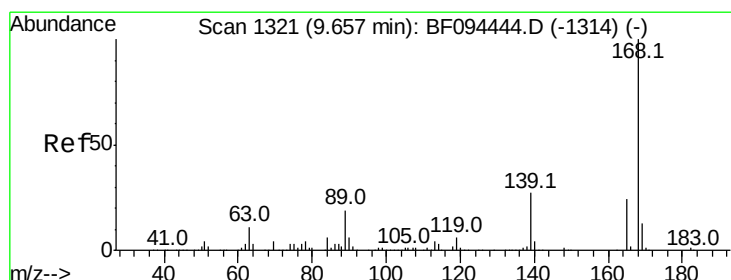
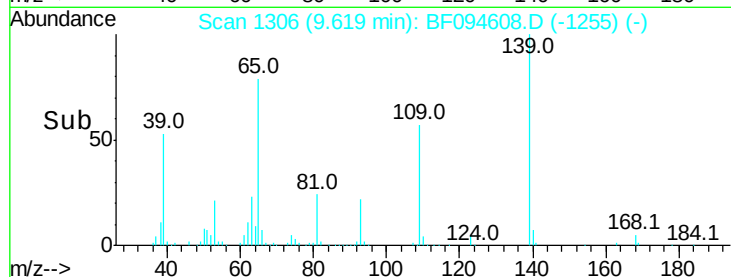
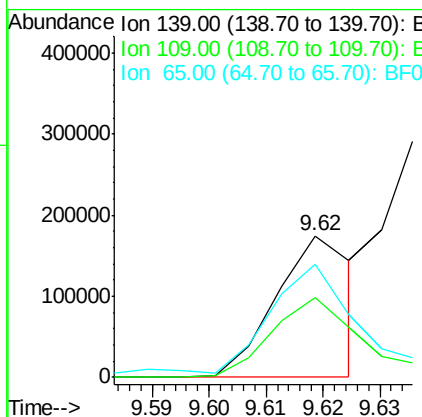
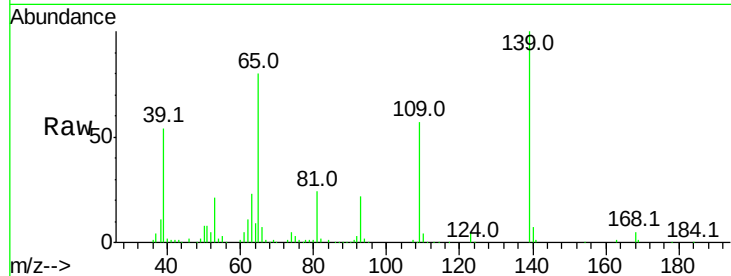
#55
4-Nitrophenol
Concen: 58.88 ng/ml
RT: 9.62 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	166111		
109	56.5	34.1	74.1	
65	79.8	31.4	71.4	

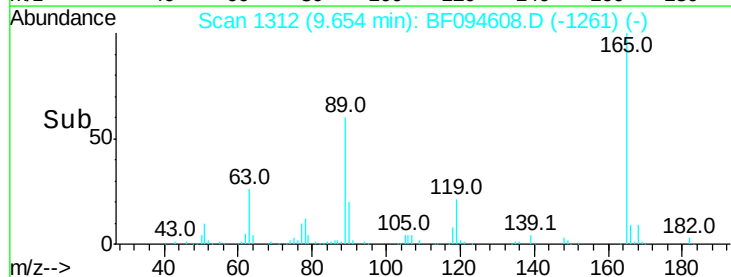
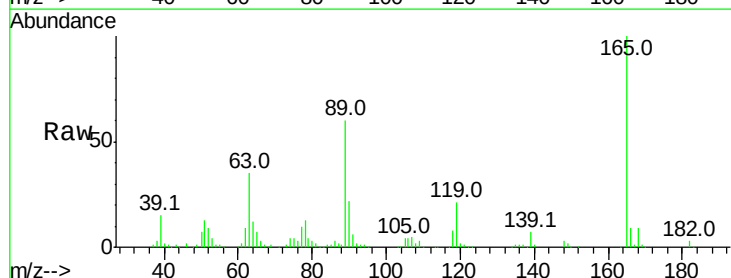
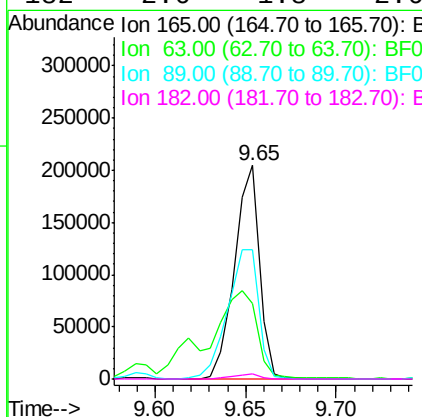
Manual Integrations
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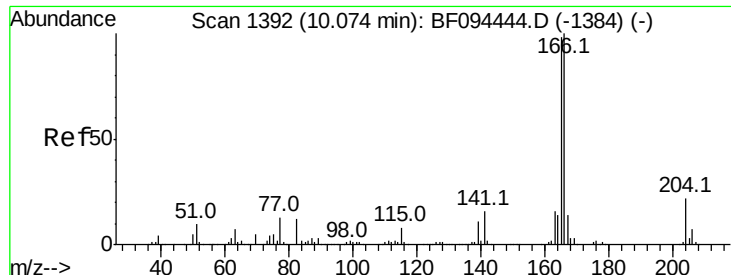
mohammad
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#56
2,4-Dinitrotoluene
Concen: 46.37 ng/ml
RT: 9.65 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	196385		
63	35.1	25.4	38.0	
89	60.5	46.4	69.6	
182	2.6	1.8	2.6	





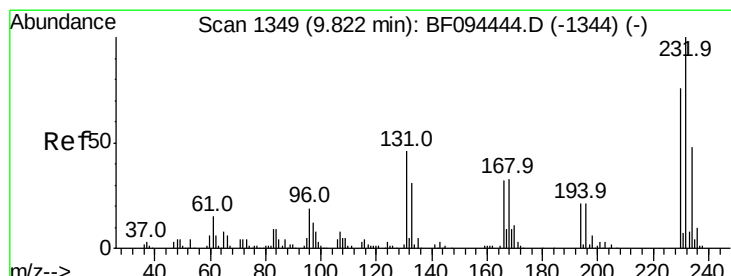
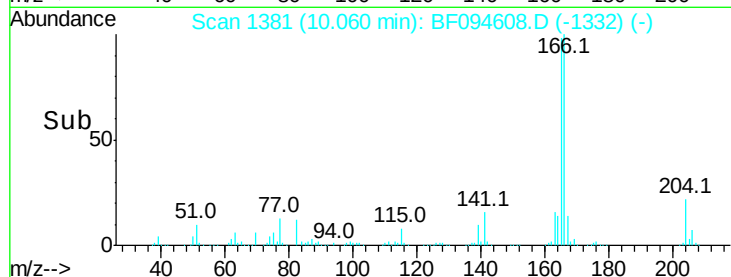
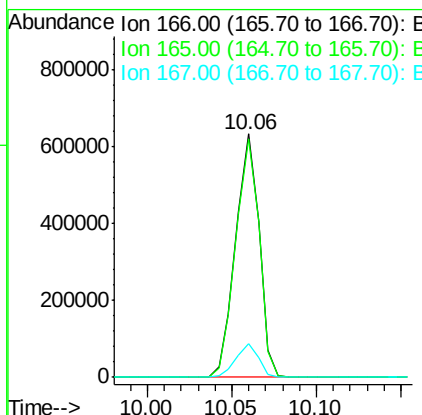
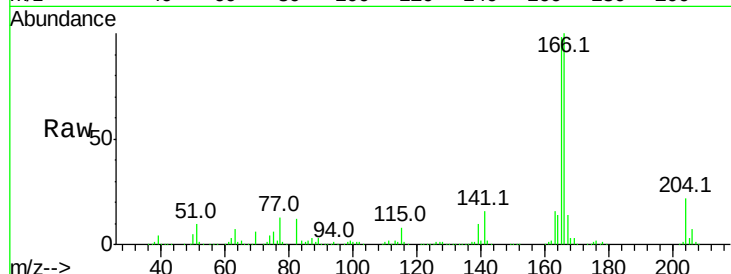
#57
 Fluorene
 Concen: 43.38 ng
 RT: 10.06 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	614478		
165	98.1		78.8	118.2
167	14.1		10.6	16.0

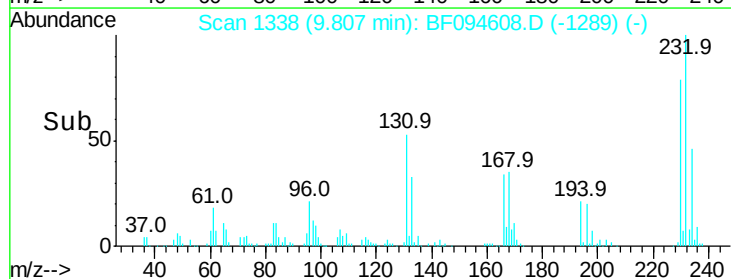
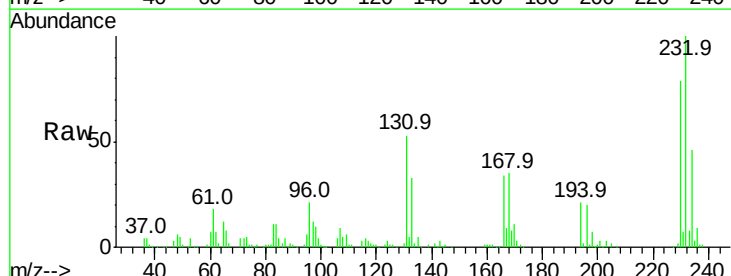
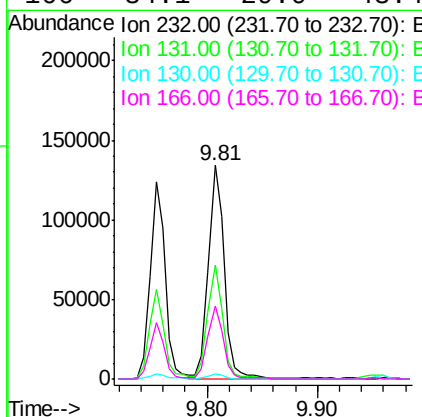
Manual Integrations
 APPROVED

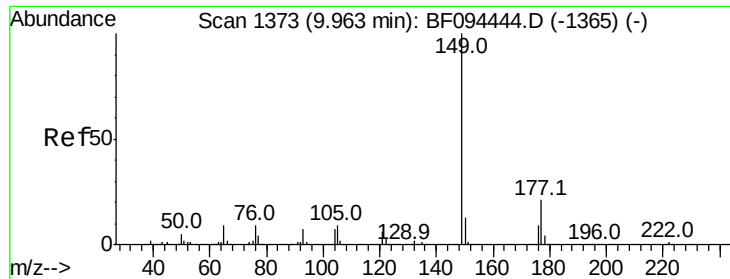
mohammad
 4/26/2017 2:20:55 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.03 ng
 RT: 9.81 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	130683		
131	49.8		44.8	67.2
130	2.3		2.3	3.5#
166	34.1		29.0	43.4





#59

Diethylphthalate

Concen: 45.51 ng

RT: 9.95 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

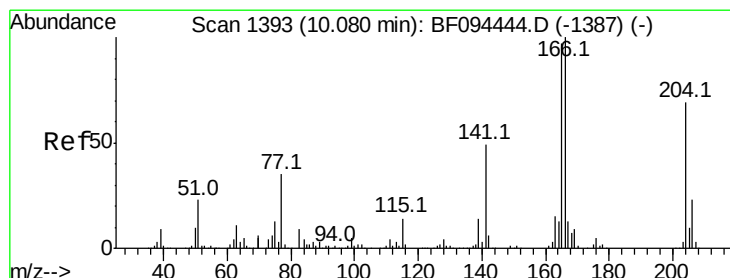
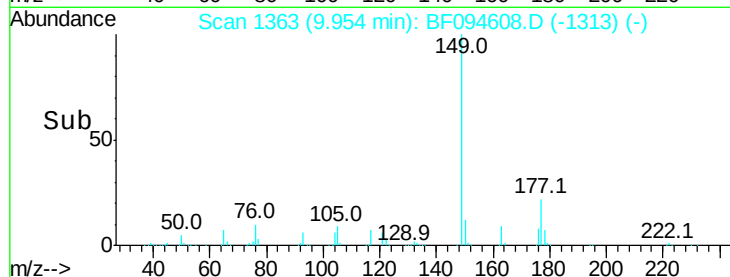
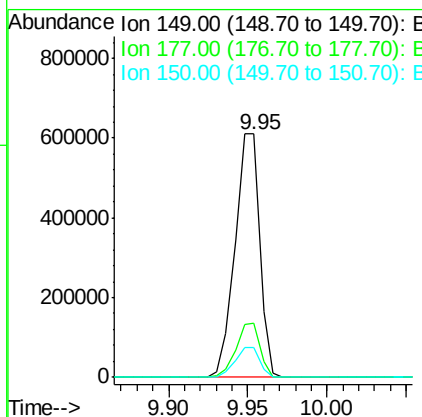
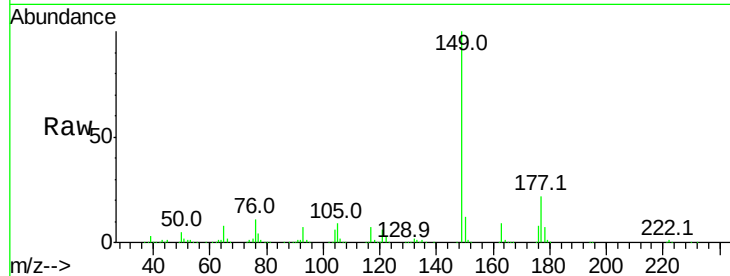
ClientSampleId :

PB98458BS

Tot Ion:	149	Resp:	660293
Ion Ratio	Lower	Upper	
149	100		
177	22.0	16.7	25.1
150	12.1	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 45.53 ng

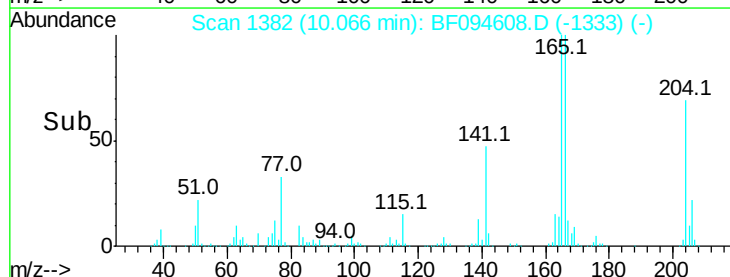
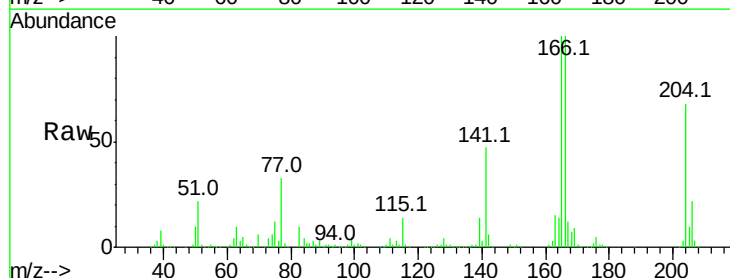
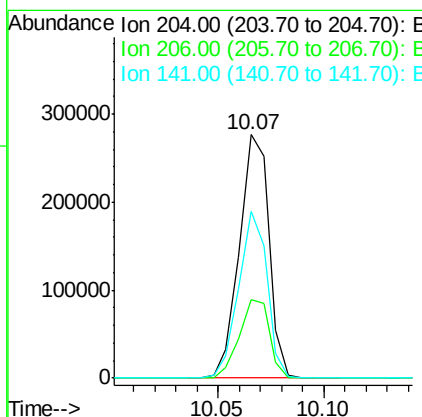
RT: 10.07 min Scan# 1382

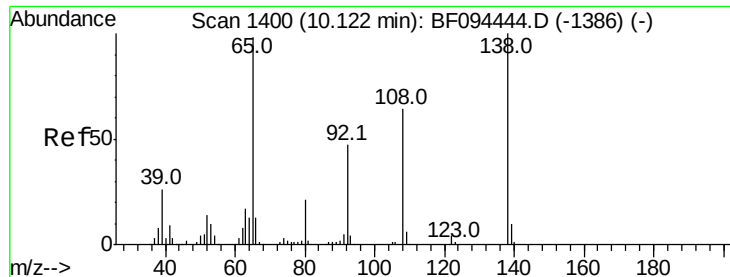
Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Tgt Ion:	204	Resp:	268396
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.2	39.2
141	68.3	60.8	91.2





#61

4-Nitroaniline

Concen: 36.20 ng

RT: 10.11 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampled :

PB98458BS

Tot Ion:138 Resp: 146949

Ion Ratio Lower Upper

138 100

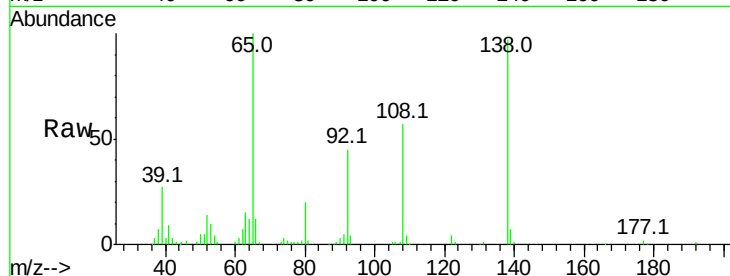
92 46.5 21.8 61.8

108 58.9 42.3 82.3

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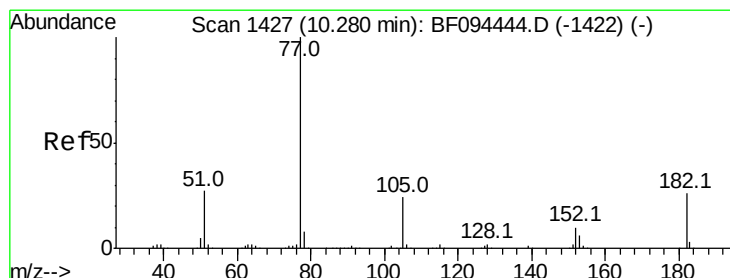
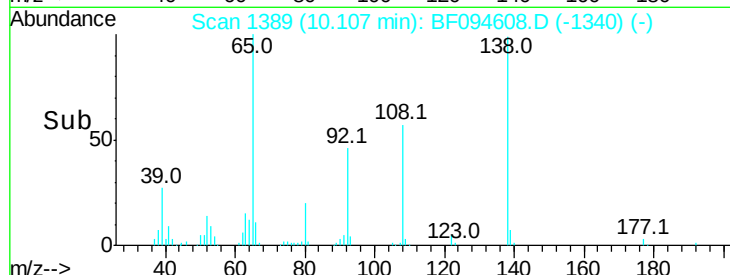
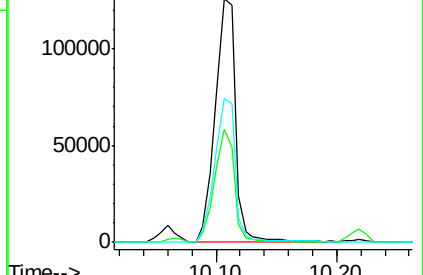
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.76 ng

RT: 10.27 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Tgt Ion: 77 Resp: 630469

Ion Ratio Lower Upper

77 100

182 26.7 0.1 40.1

105 23.8 3.6 43.6

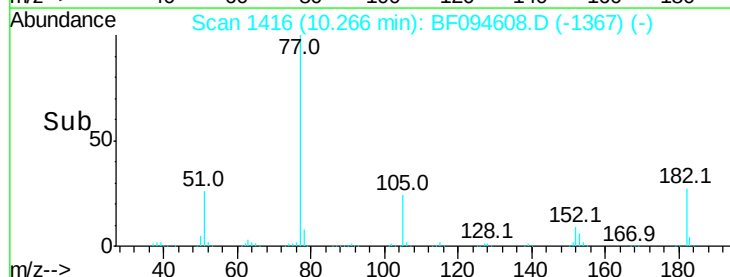
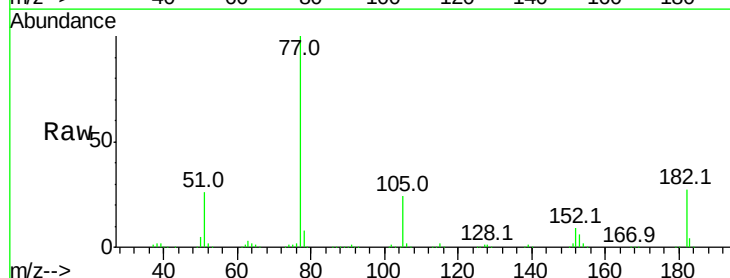
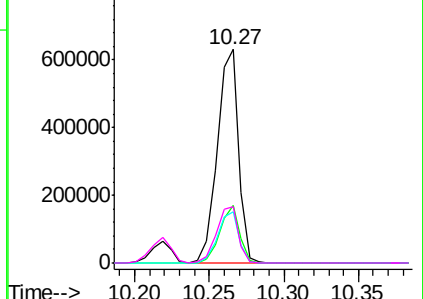
51 26.1 9.4 49.4

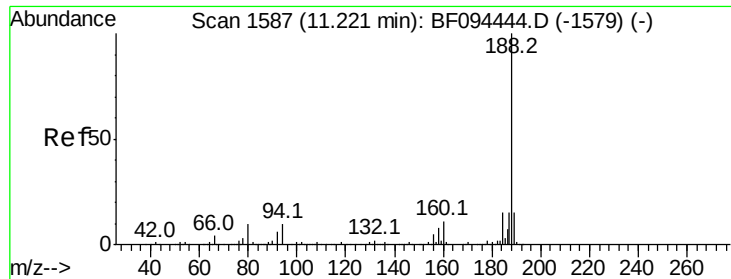
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

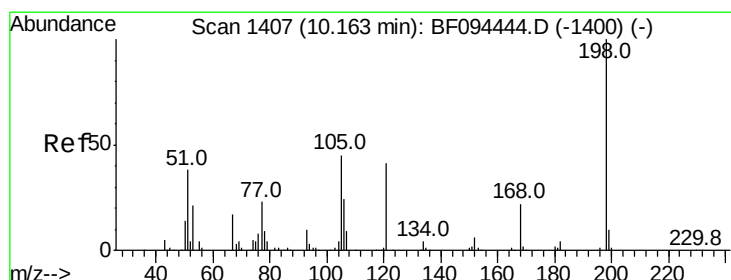
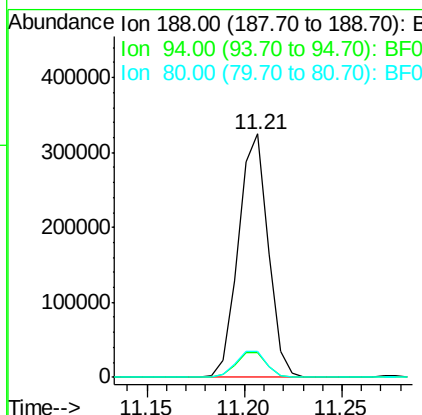
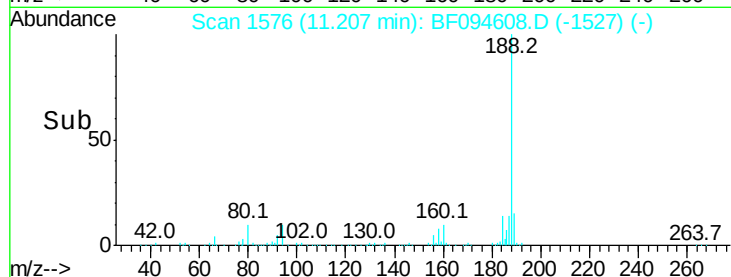
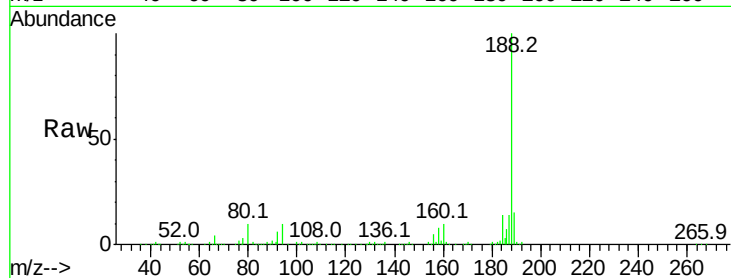
ClientSampleId :

PB98458BS

Tot Ion:	188	Resp:	342915
Ion Ratio	Lower	Upper	
188	100		
94	10.1	9.4	14.2
80	10.4	10.2	15.2

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 9.03 ng

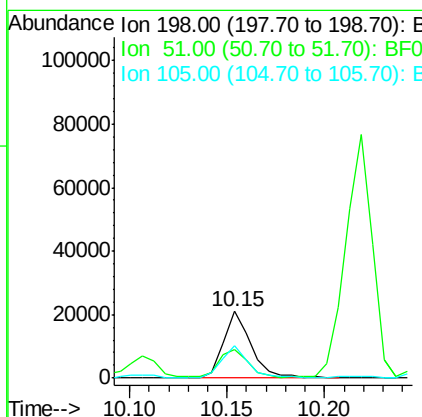
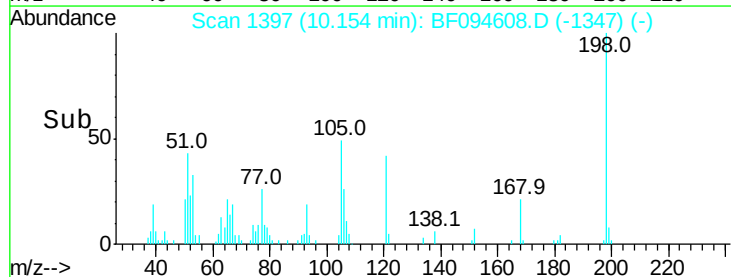
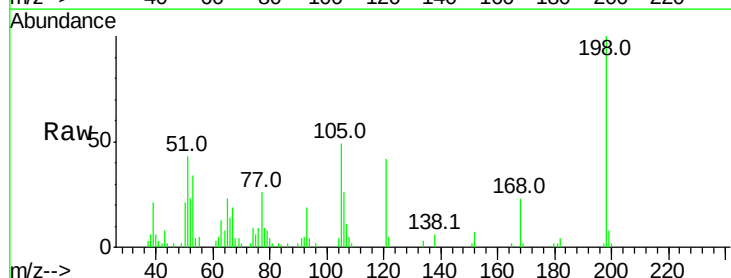
RT: 10.15 min Scan# 1397

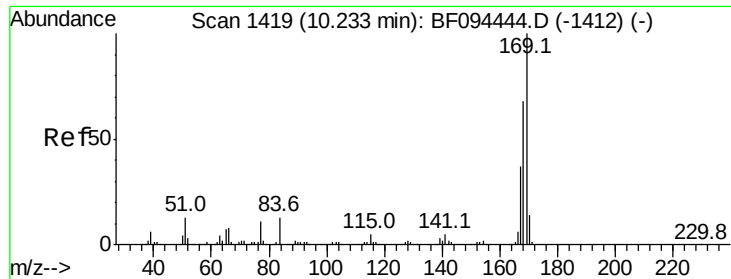
Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Tgt Ion:	198	Resp:	20288
Ion Ratio	Lower	Upper	
198	100		
51	42.9	53.2	93.2#
105	48.6	45.8	85.8





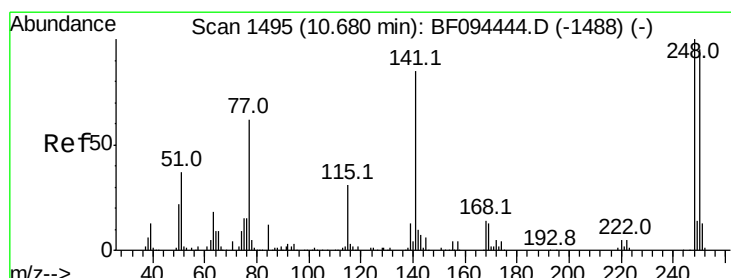
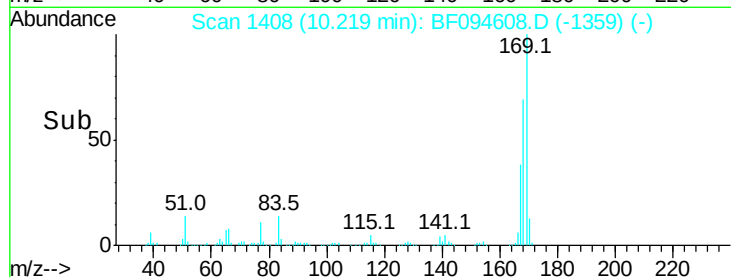
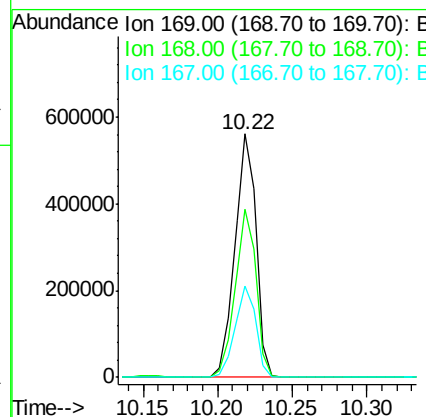
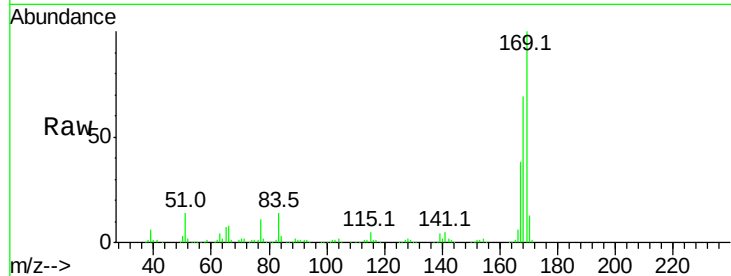
#65
n-Nitrosodiphenylamine
Concen: 47.36 ng
RT: 10.22 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	564761		
168	68.9	53.2	79.8	
167	37.7	29.5	44.3	

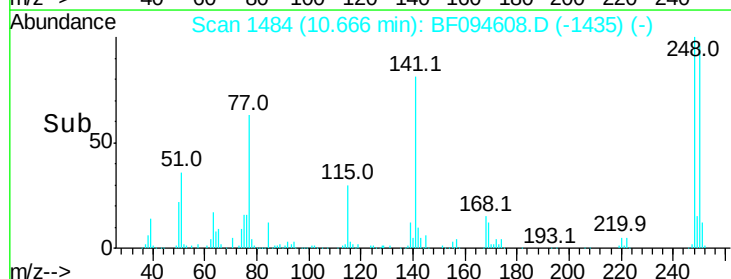
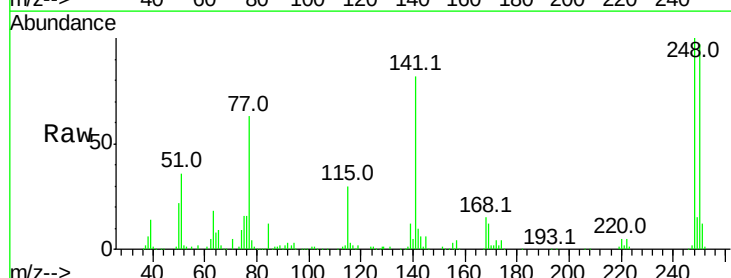
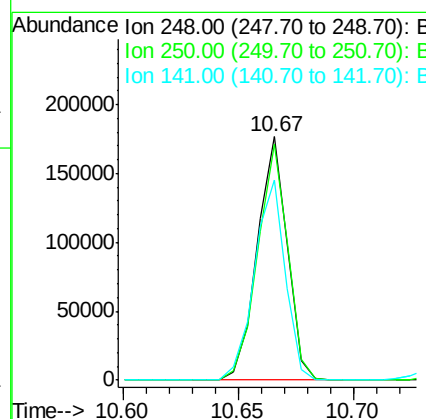
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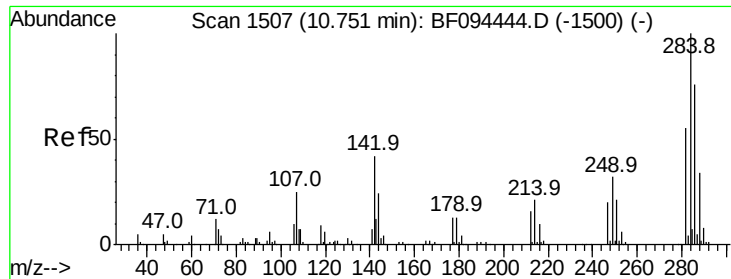
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#66
4-Bromophenyl-phenylether
Concen: 47.08 ng
RT: 10.67 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	160314		
250	96.9	76.8	115.2	
141	82.4	68.6	103.0	





#67

Hexachlorobenzene

Concen: 45.54 ng

RT: 10.74 min Scan# 1496

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

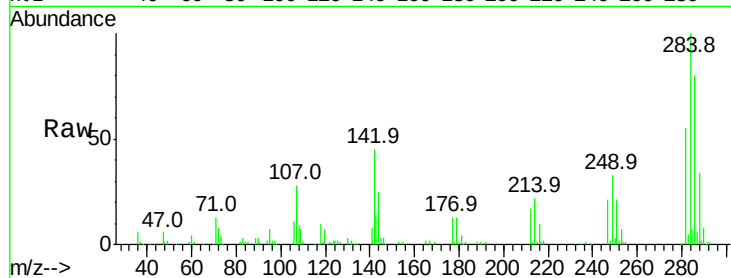
ClientSampleId :

PB98458BS

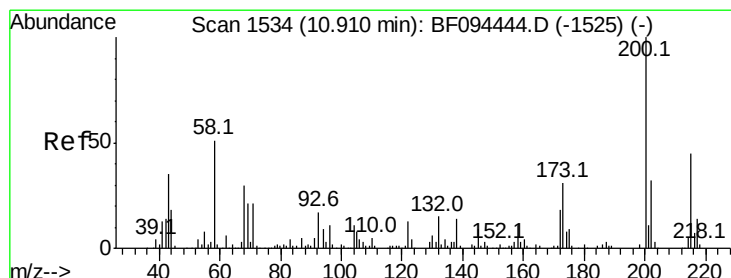
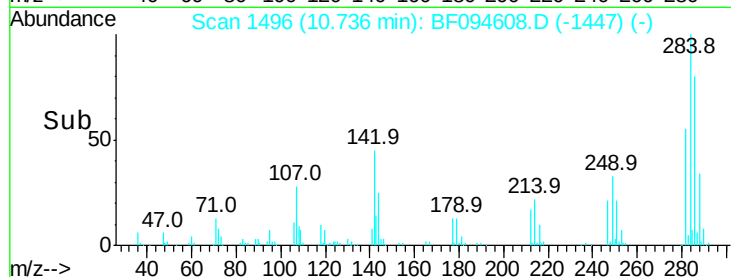
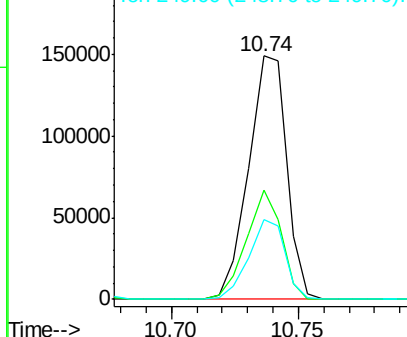
Tot Ion:	284	Resp:	156262
Ion Ratio	Lower	Upper	
284	100		
142	44.8	22.8	34.2#
249	32.7	24.0	36.0

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



#68

Atrazine

Concen: 47.29 ng

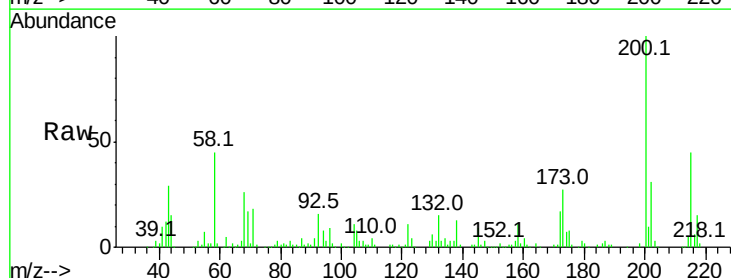
RT: 10.90 min Scan# 1524

Delta R.T. -0.01 min

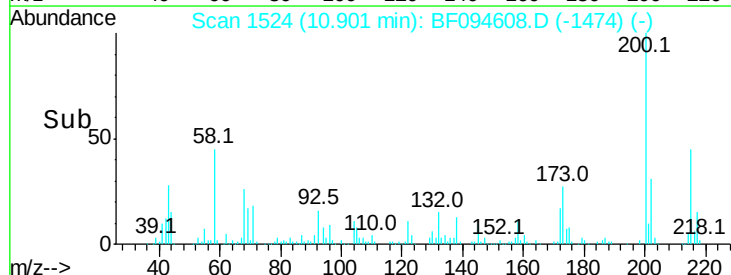
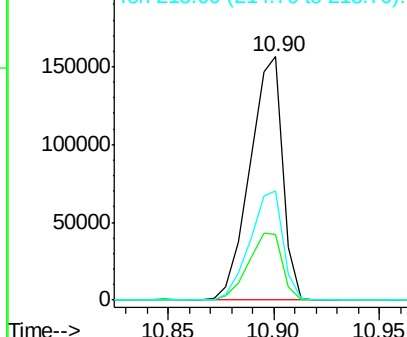
Lab File: BF094608.D

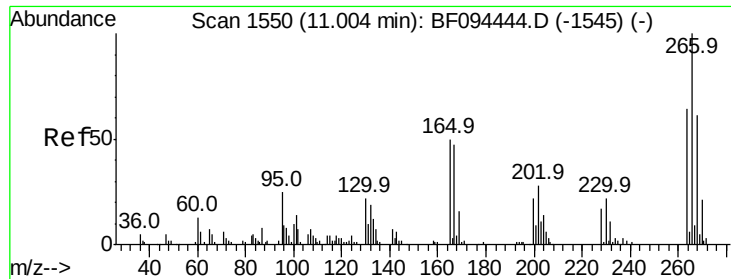
Acq: 25 Apr 2017 16:40

Tgt Ion:	200	Resp:	168722
Ion Ratio	Lower	Upper	
200	100		
173	27.2	6.3	46.3
215	44.9	27.2	67.2



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





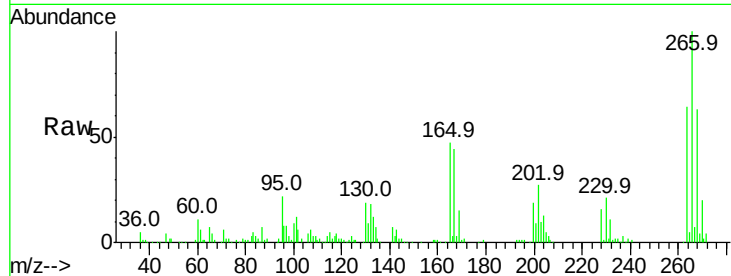
#69
 Pentachlorophenol
 Concen: 90.93 ng
 RT: 10.99 min Scan# 1540
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

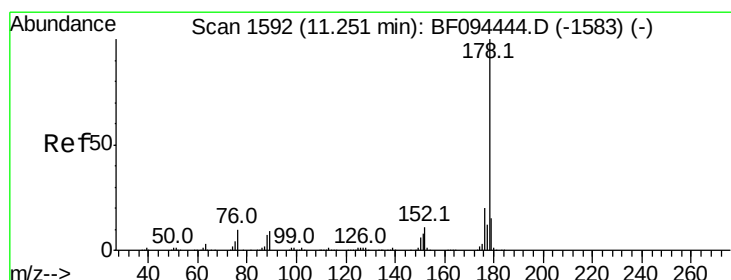
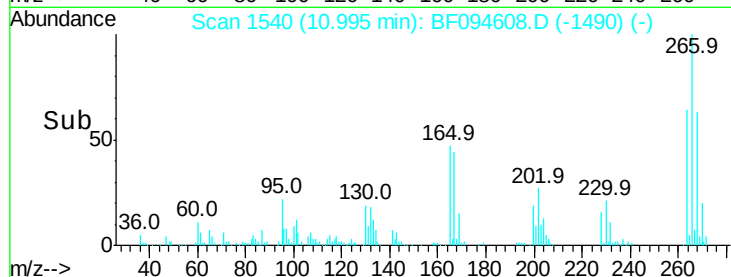
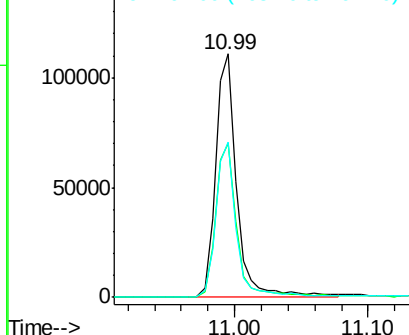
Tot Ion	Ratio	Resp	Lower	Upper
266	100	123895		
268	63.2	51.1	76.7	
264	63.7	51.7	77.5	

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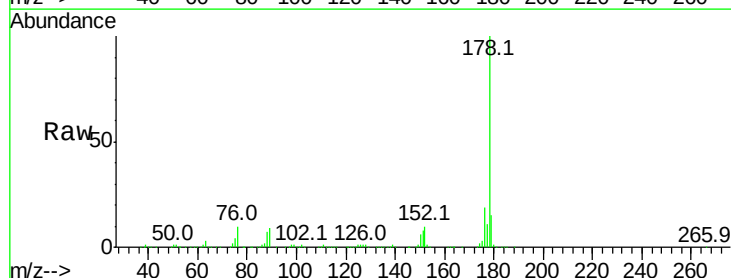


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

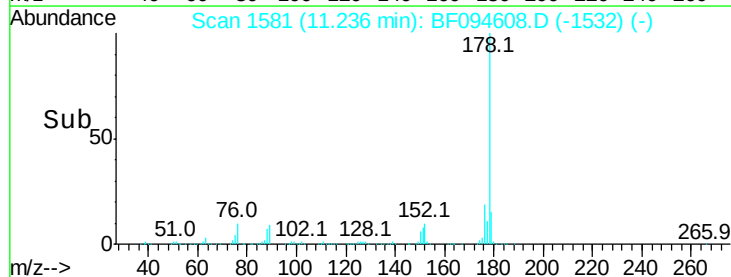
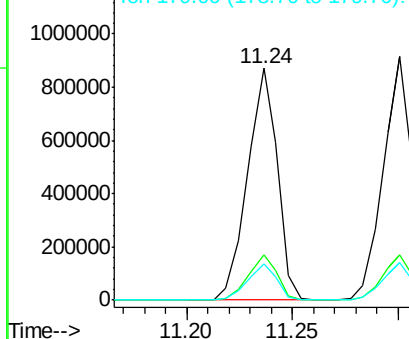


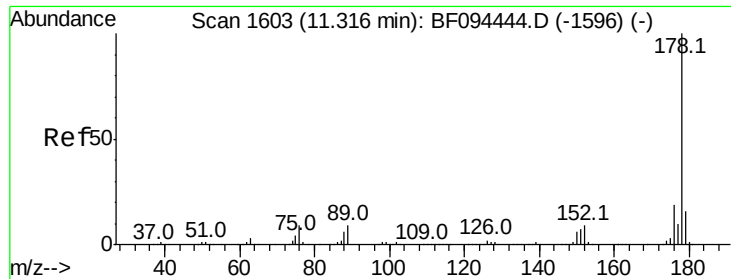
#70
 Phenanthrene
 Concen: 44.11 ng
 RT: 11.24 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	851766		
176	19.3	16.2	24.4	
179	15.4	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





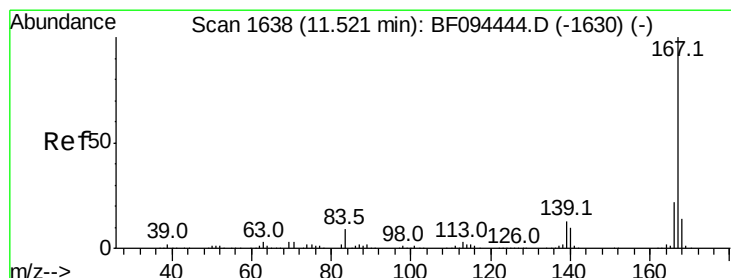
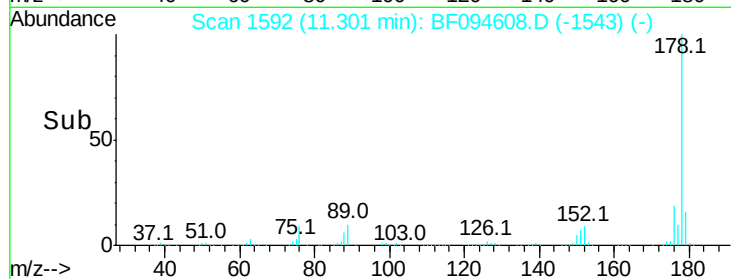
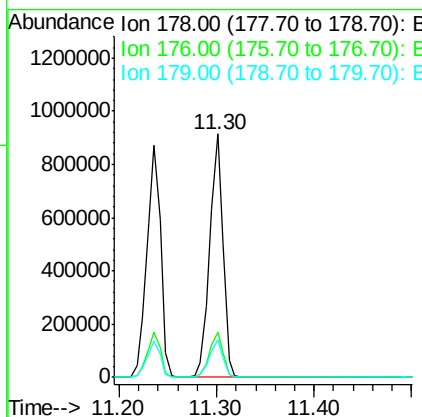
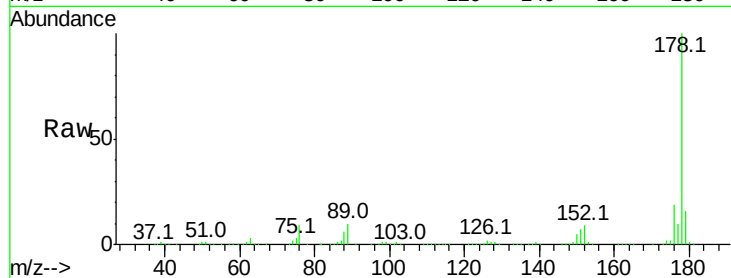
#71
 Anthracene
 Concen: 43.57 ng
 RT: 11.30 min Scan# 1592
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.6	12.7	19.1

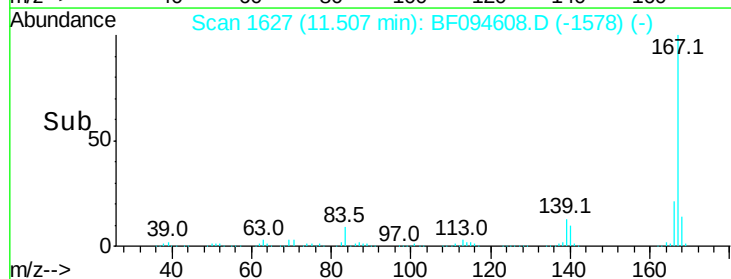
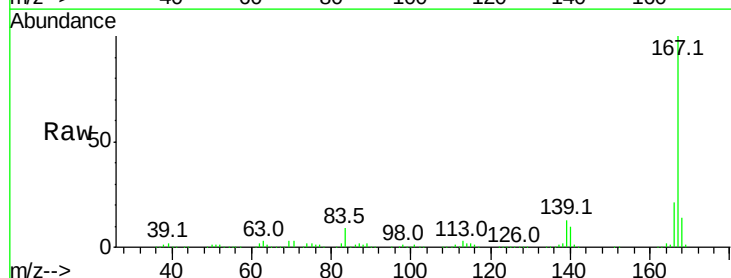
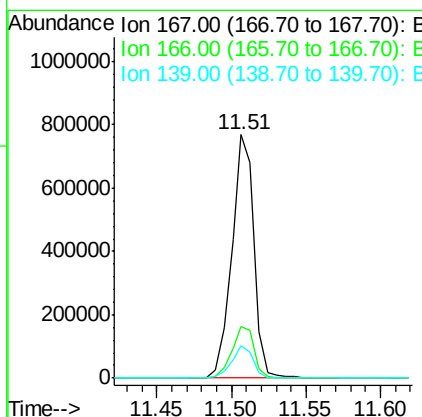
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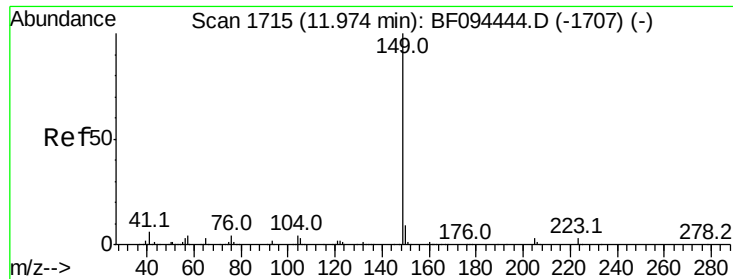
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#72
 Carbazole
 Concen: 42.70 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.1	27.1
139	13.1	11.7	17.5





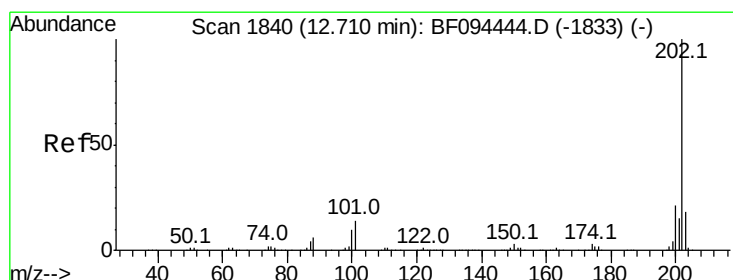
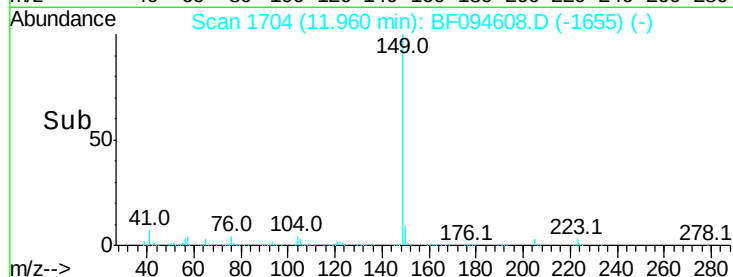
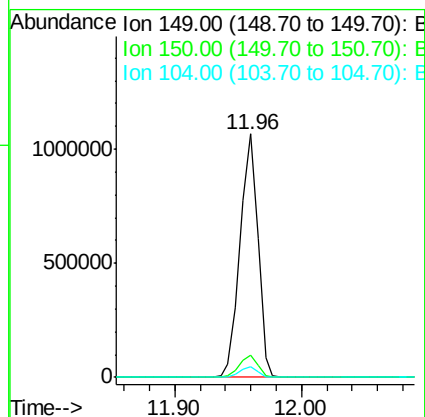
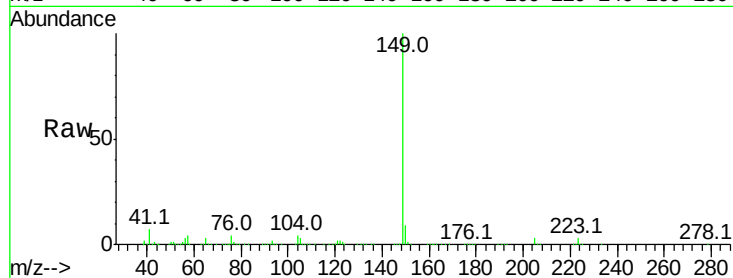
#73
Di-n-butylphthalate
Concen: 49.80 ng
RT: 11.96 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleID :
PB98458BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.4	4.0	6.0

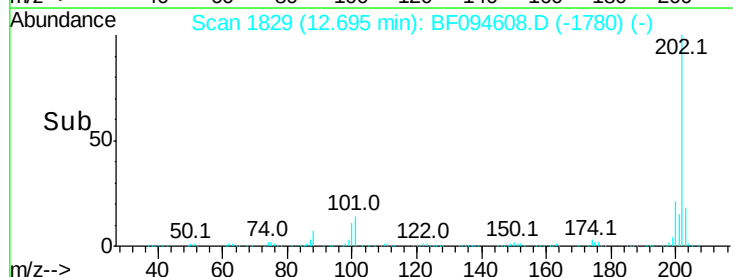
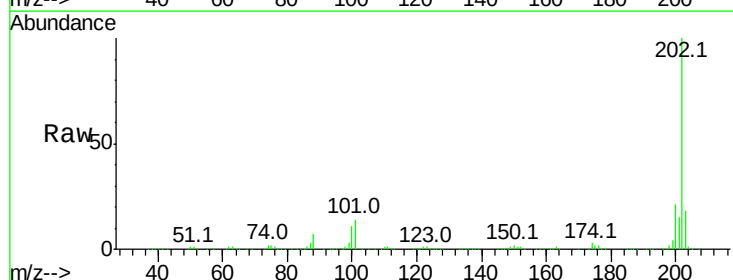
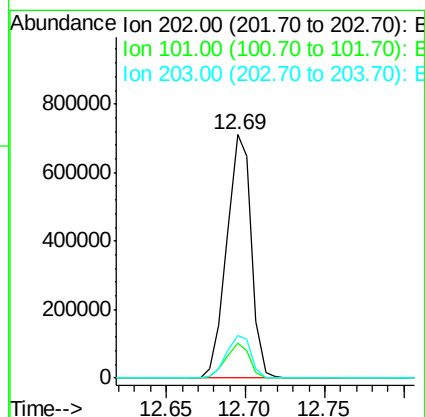
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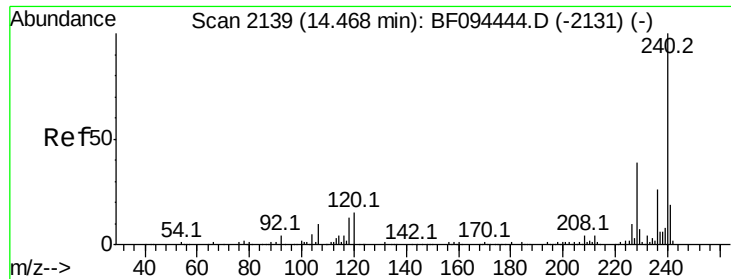
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#74
Fluoranthene
Concen: 38.12 ng
RT: 12.69 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	33.2
203	17.7	0.0	38.1





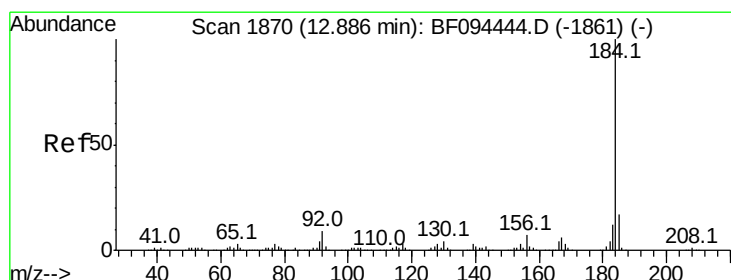
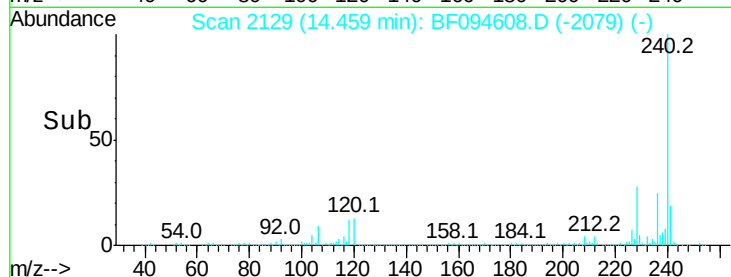
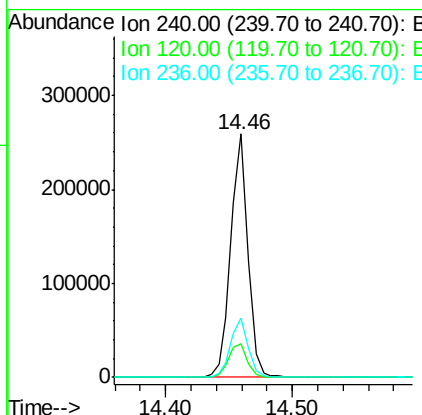
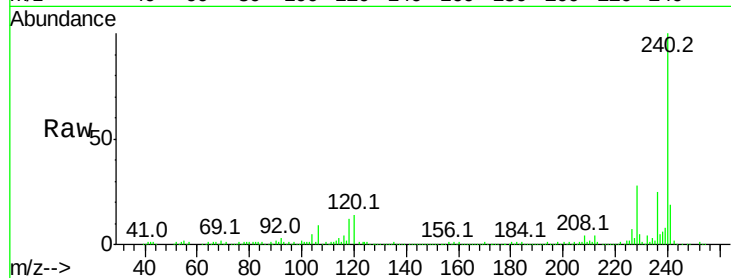
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.46 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB98458BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	24.5	20.5	30.7

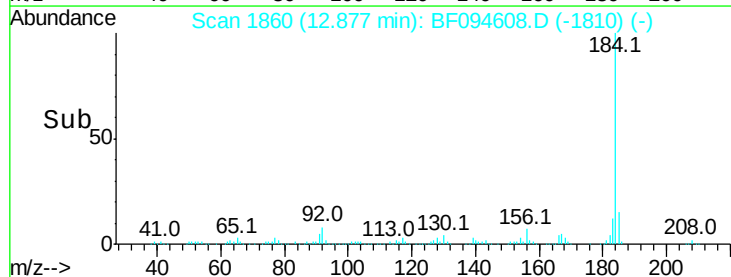
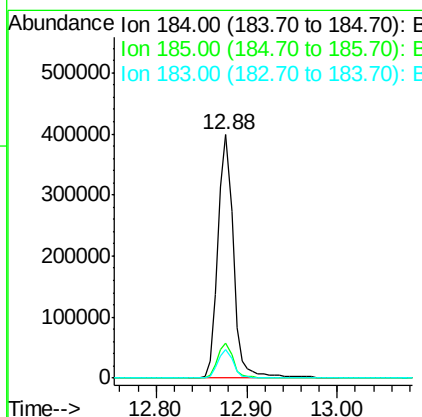
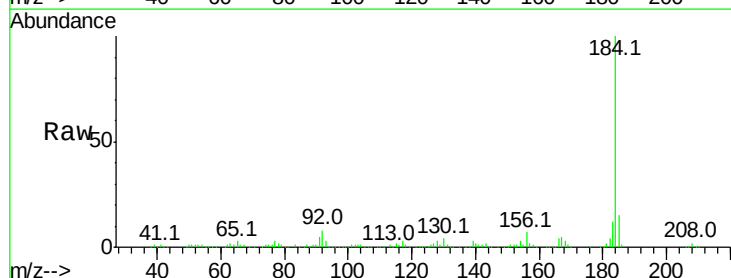
Manual Integrations
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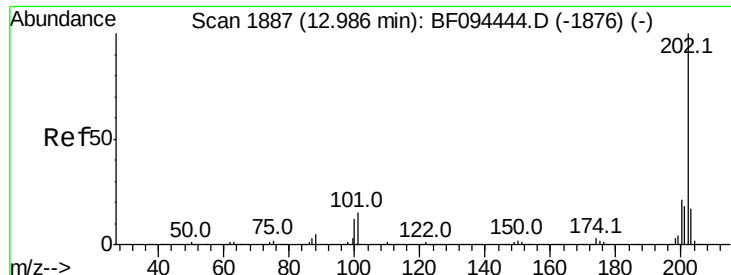
mohammad
4/26/2017 2:20:55 PM



#76
Benzidine
Concen: 48.55 ng
RT: 12.88 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	15.5	23.3#
183	11.9	9.8	14.6





#77

Pvrene

Concen: 44.90 ng

RT: 12.97 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

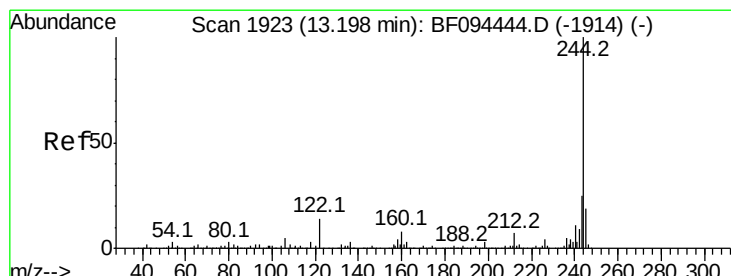
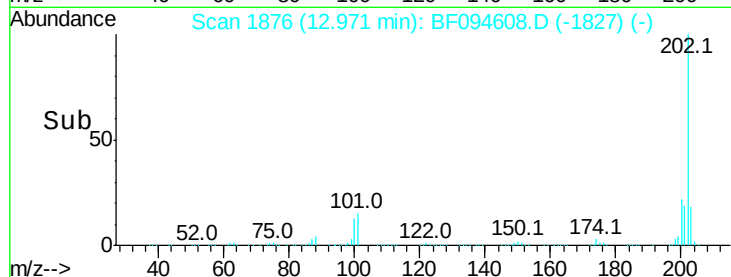
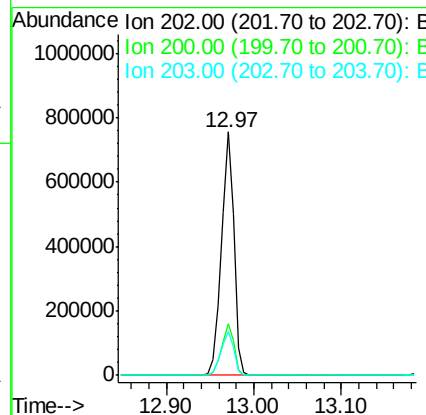
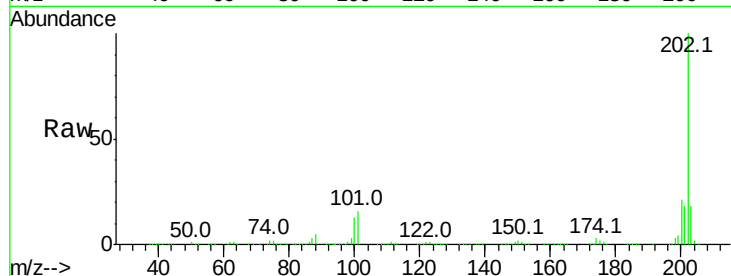
ClientSampleId :

PB98458BS

Tot Ion:	202	Resp:	756681
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	17.8	14.4	21.6

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mohammad
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#78

Terphenyl-d14

Concen: 96.56 ng

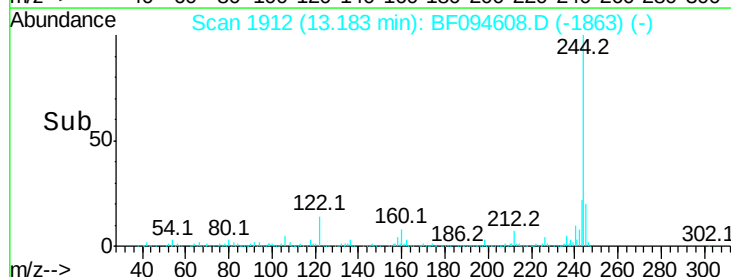
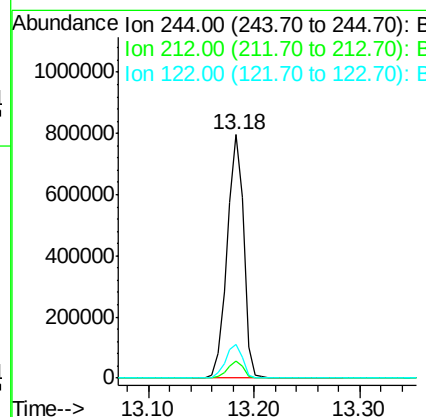
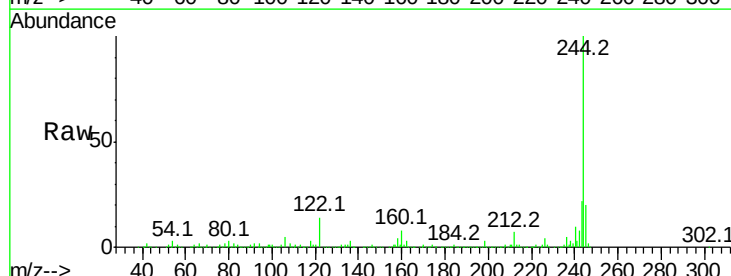
RT: 13.18 min Scan# 1912

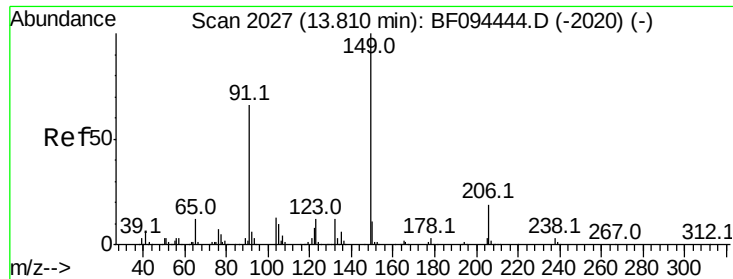
Delta R.T. -0.01 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Tgt Ion:	244	Resp:	871453
Ion Ratio	Lower	Upper	
244	100		
212	7.1	6.0	9.0
122	14.0	10.3	15.5





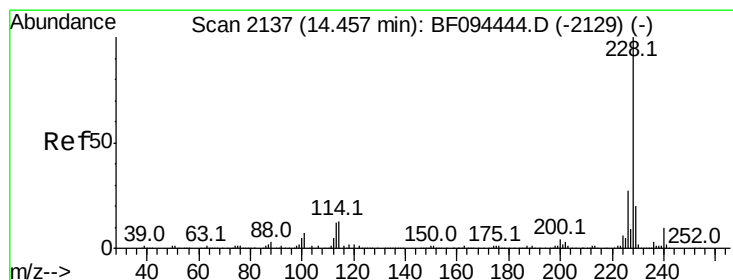
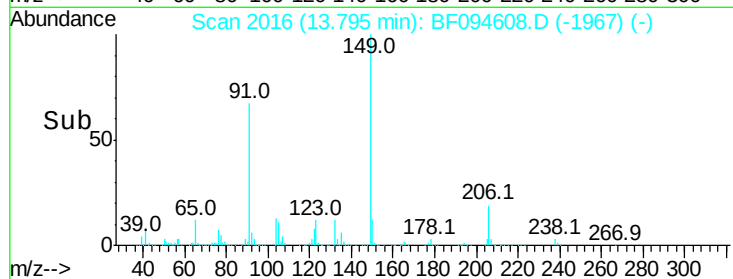
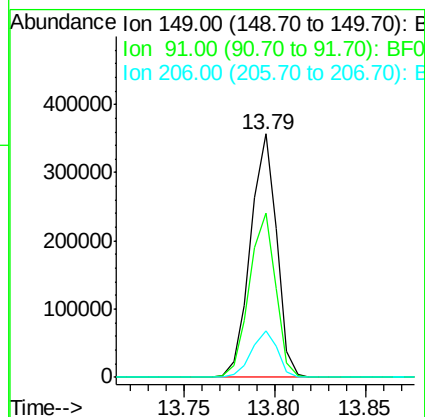
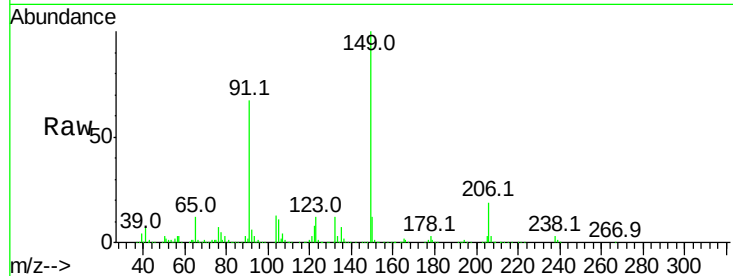
#79
Butylbenzylphthalate
Concen: 48.29 ng
RT: 13.79 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	67.5	45.0	67.4#	
206	18.9	17.0	25.6	

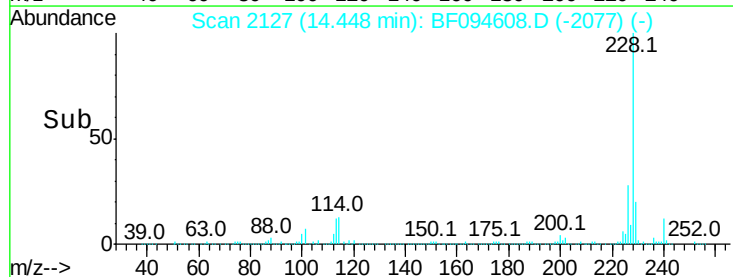
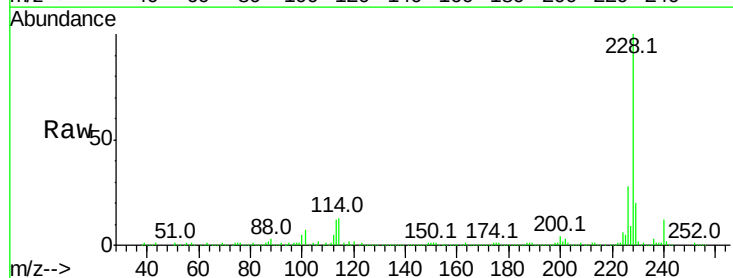
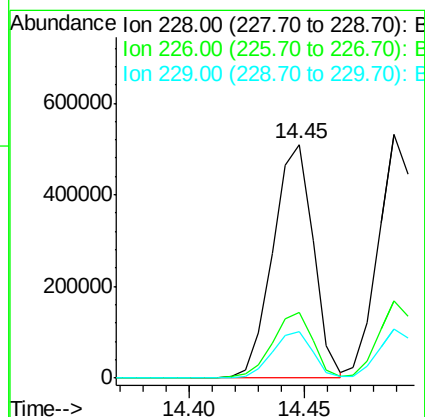
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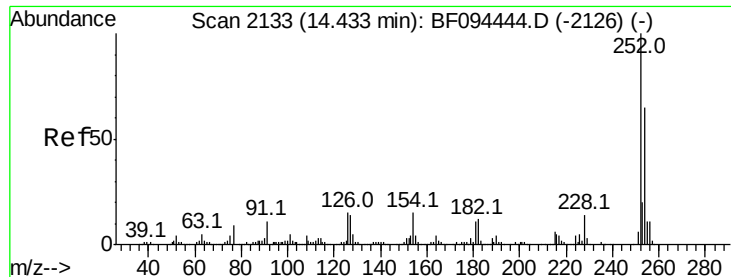
mohammad
4/26/2017 2:20:55 PM



#80
Benzo(a)anthracene
Concen: 44.05 ng
RT: 14.45 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.8	22.6	33.8	
229	20.0	16.3	24.5	





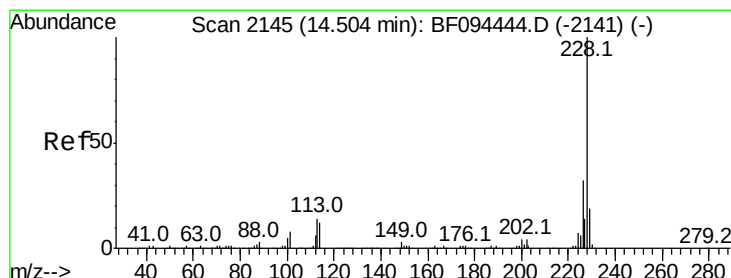
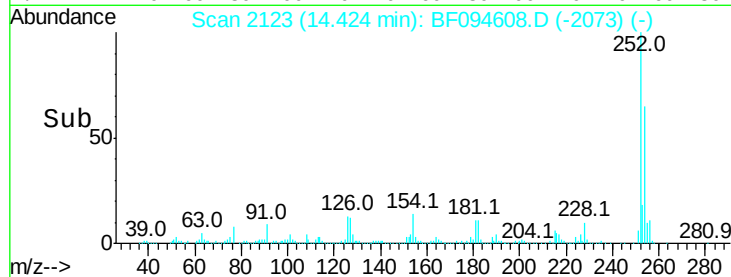
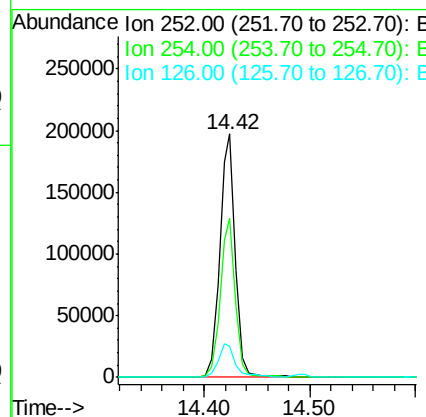
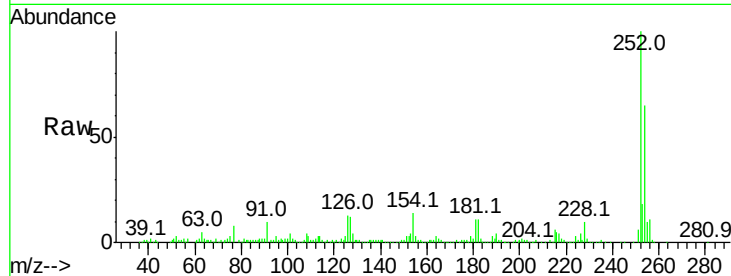
#81
 3,3'-Dichlorobenzidine
 Concen: 41.28 ng
 RT: 14.42 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampled :
 PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	204903		
254	65.2		51.5	77.3
126	13.0		15.8	23.8

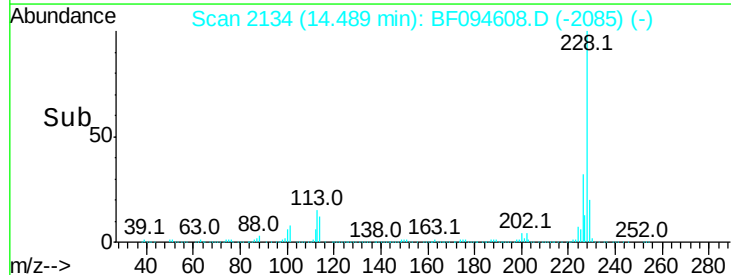
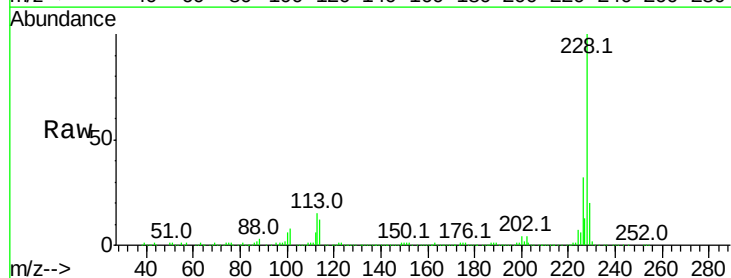
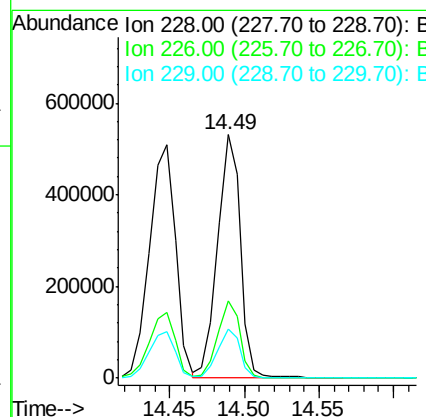
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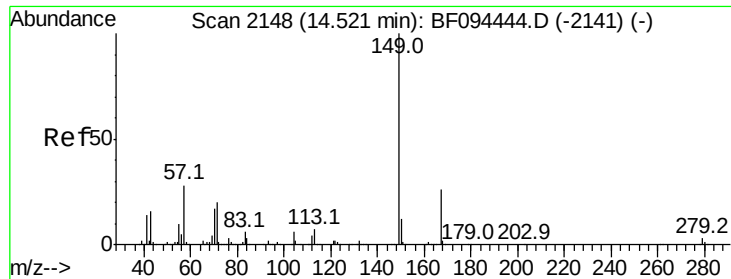
mohammad
 4/26/2017 2:20:55 PM



#82
 Chrysene
 Concen: 44.34 ng
 RT: 14.49 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	568235		
226	31.5		24.9	37.3
229	19.9		15.8	23.6





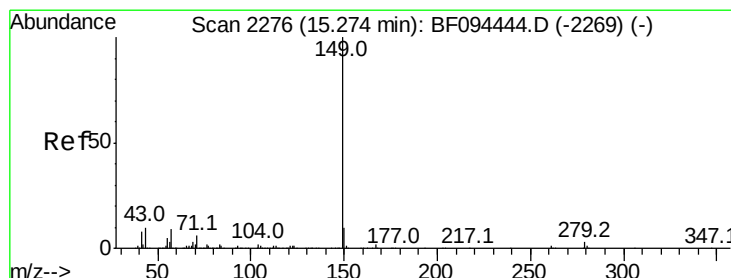
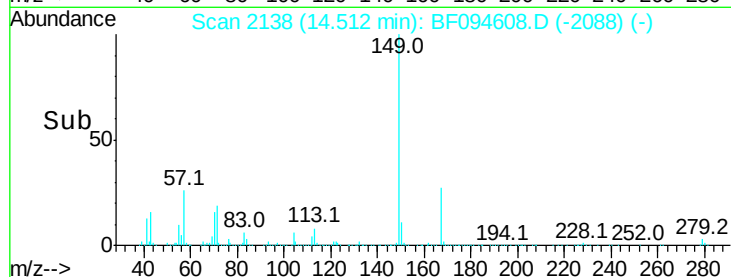
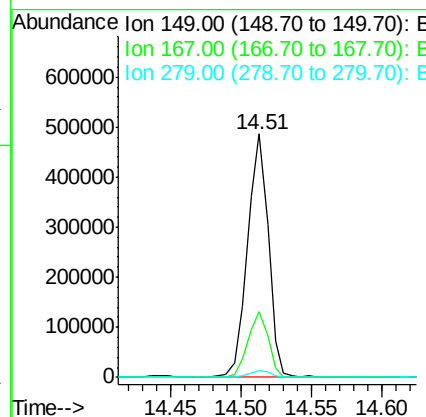
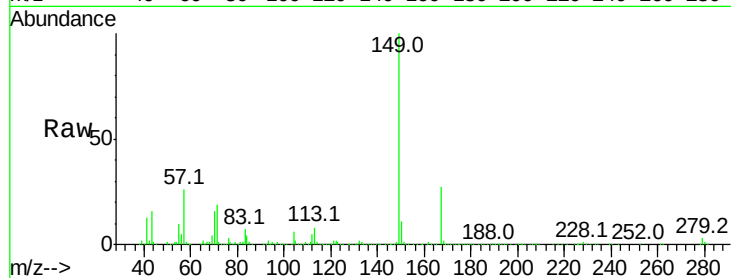
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.00 ng
 RT: 14.51 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	26.9	21.0	31.4	
279	3.0	1.9	2.9	

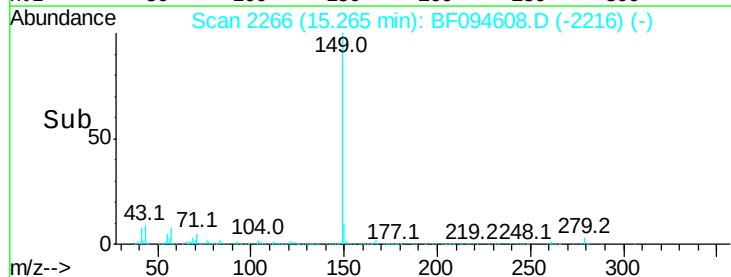
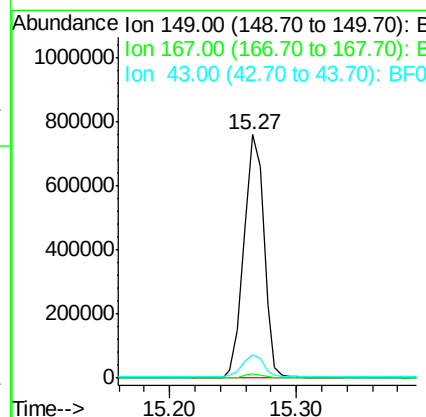
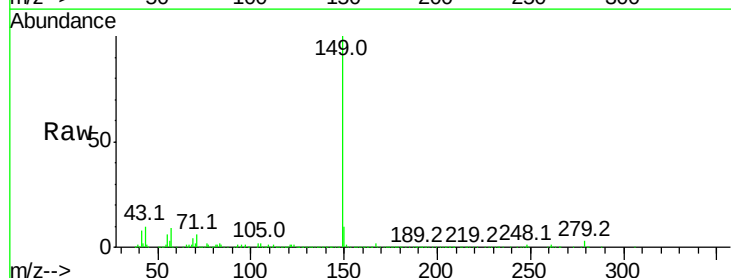
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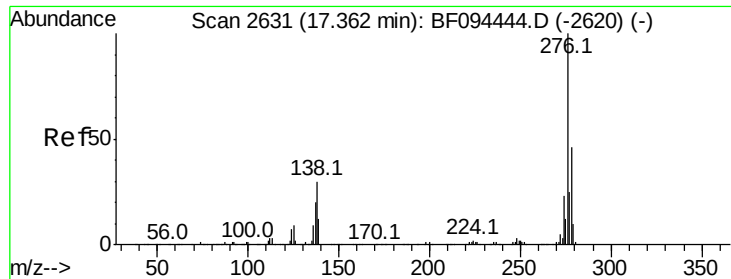
mohammad
 4/26/2017 2:20:55 PM



#84
 Di-n-octyl phthalate
 Concen: 49.82 ng
 RT: 15.27 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	9.3	8.5	12.7	





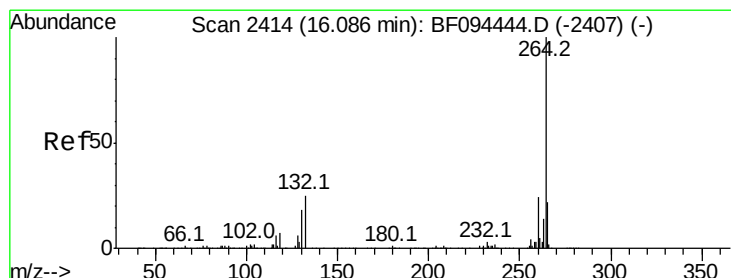
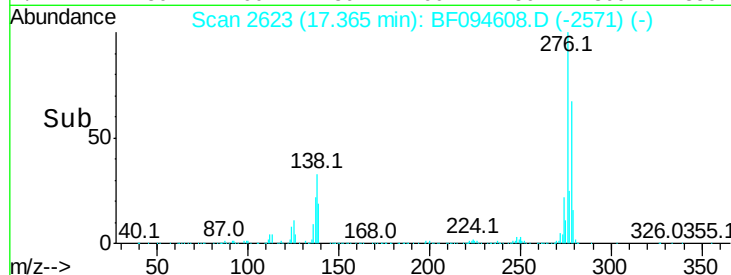
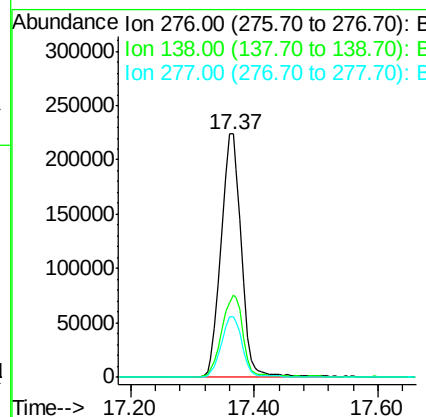
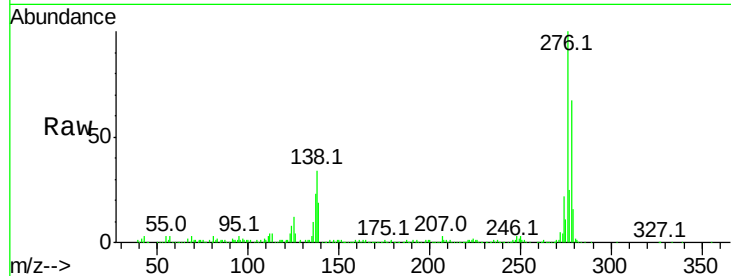
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.17 ng
 RT: 17.37 min Scan# 2623
 Delta R.T. 0.00 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB98458BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	26.1	20.2	30.4

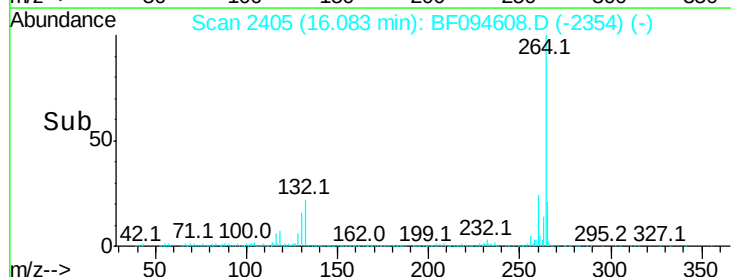
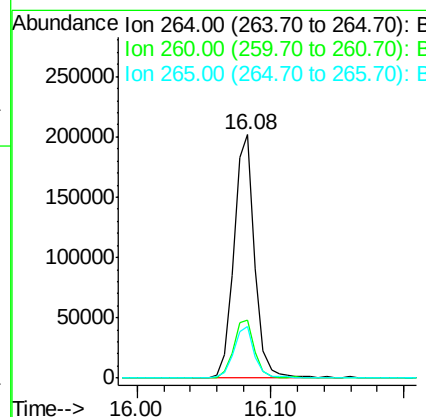
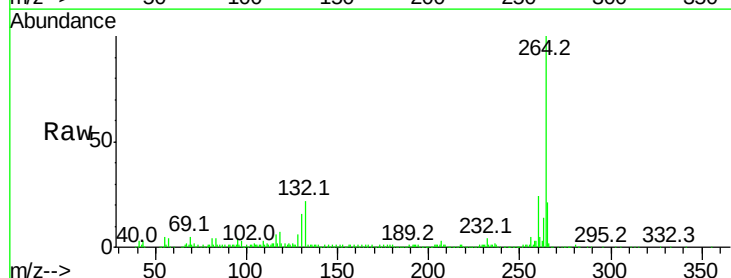
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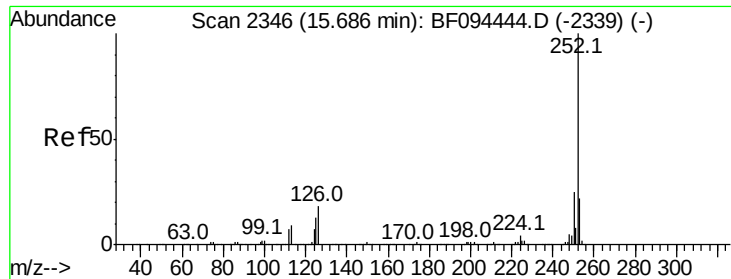
mohammad
 4/26/2017 2:20:55 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.08 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BF094608.D
 Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.1	17.2	25.8





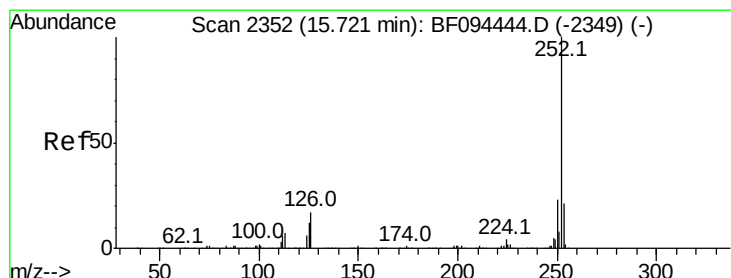
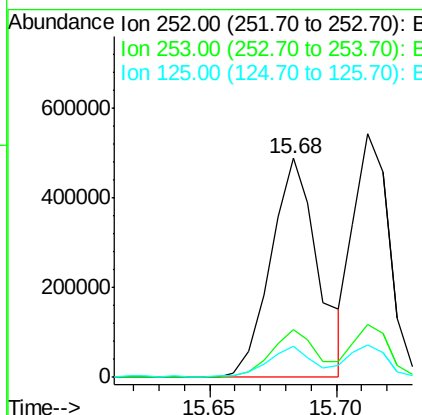
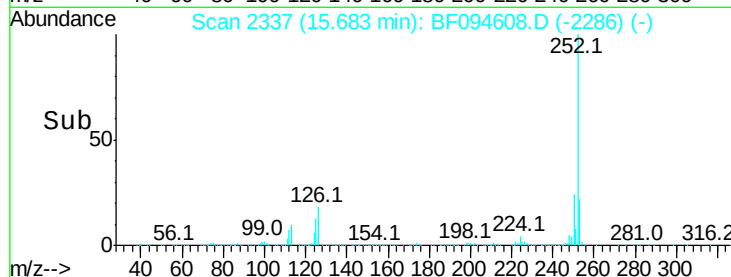
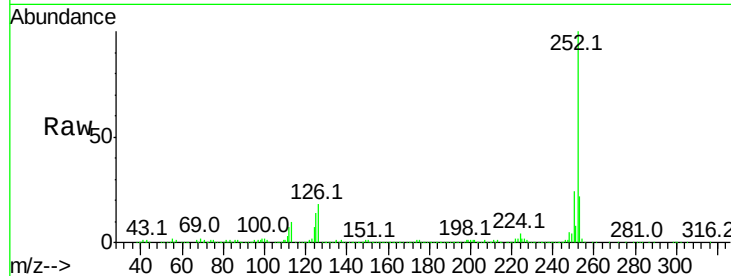
#87
Benzo(b)fluoranthene
Concen: 46.92 ng
RT: 15.68 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB98458BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	14.0	9.8	14.8

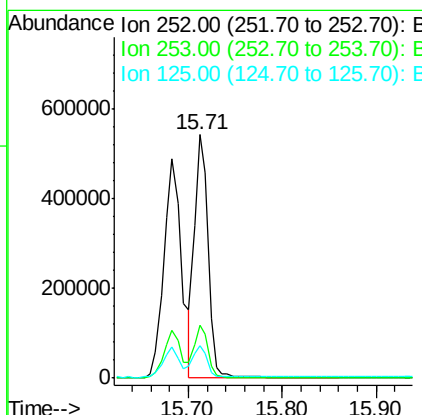
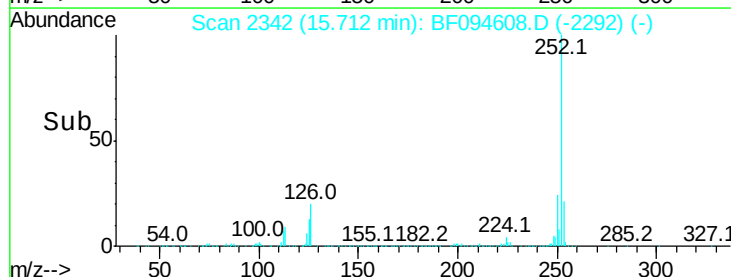
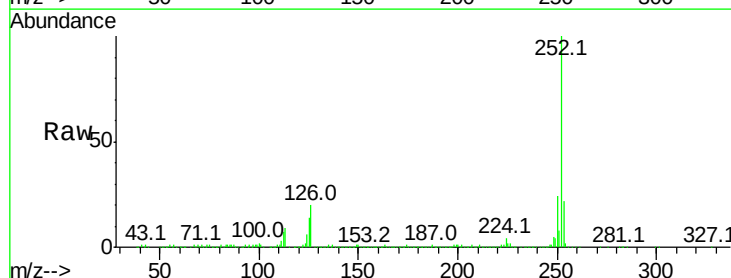
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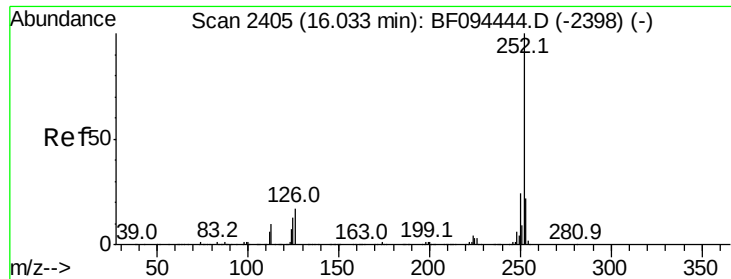
mohammad
4/26/2017 2:20:55 PM



#88
Benzo(k)fluoranthene
Concen: 42.47 ng
RT: 15.71 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.4	27.6
125	13.5	13.1	19.7





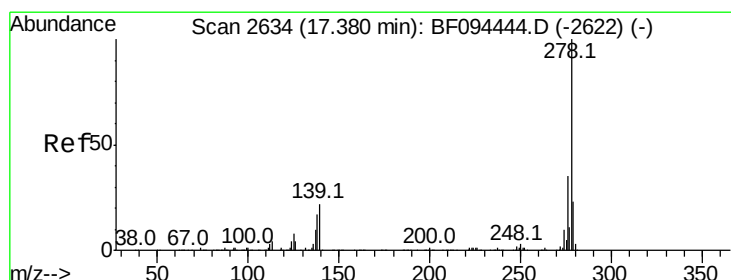
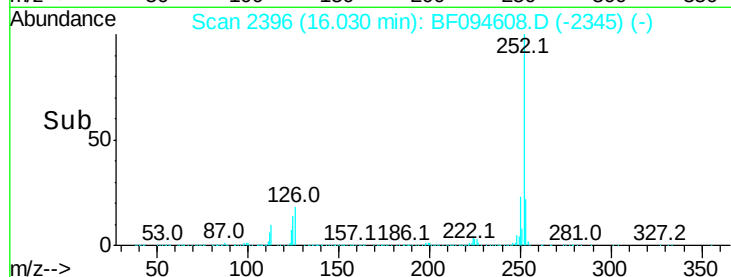
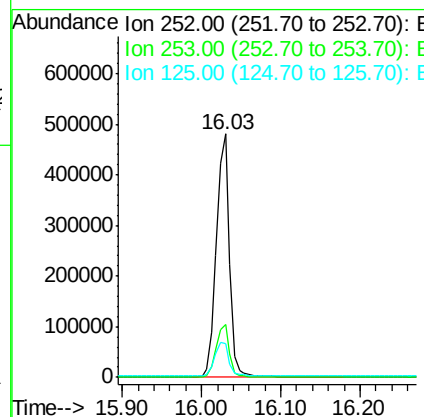
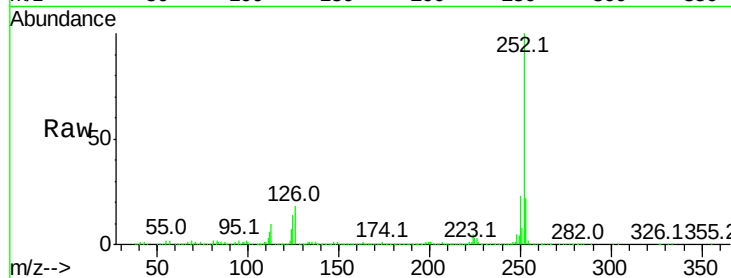
#89
Benzo(a)pyrene
Concen: 43.99 ng
RT: 16.03 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Instrument :
BNA_F
ClientSampleId :
PB98458BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.9	17.5	26.3	
125	13.8	11.0	16.4	

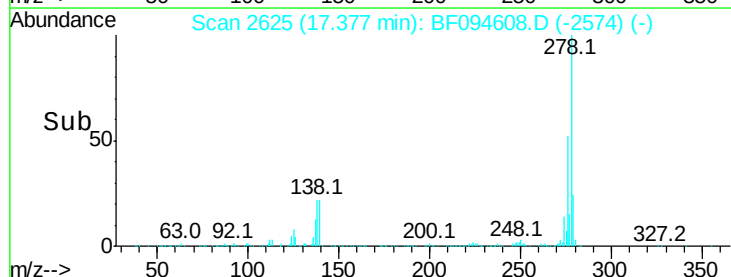
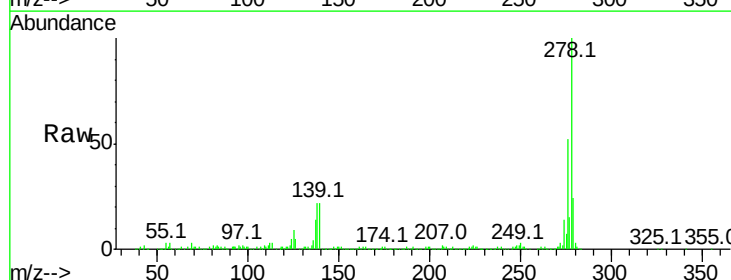
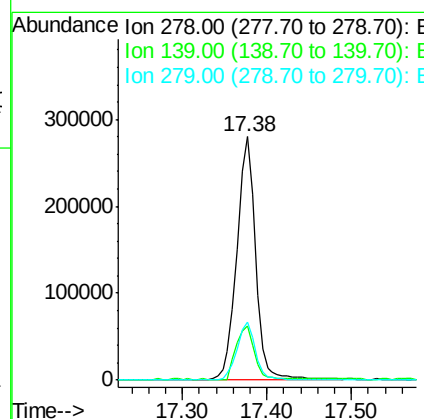
Manual Integrations
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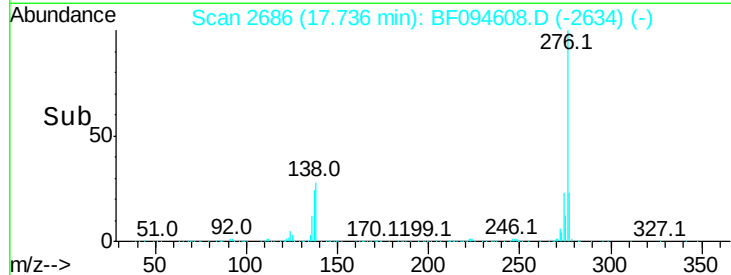
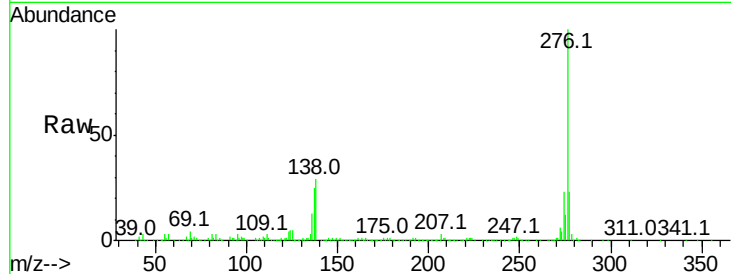
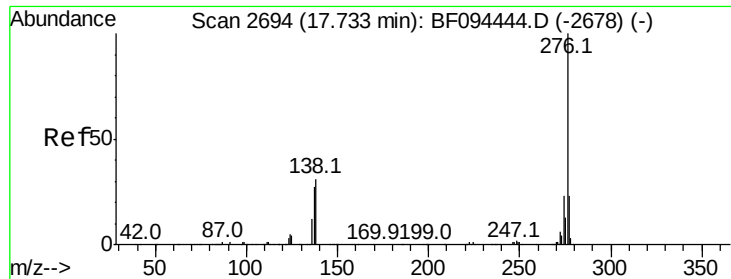
mohammad
4/26/2017 2:20:55 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.03 ng
RT: 17.38 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BF094608.D
Acq: 25 Apr 2017 16:40

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	22.3	16.6	24.8	
279	23.9	19.3	28.9	





#91

Benzo(a,h,i)perylene

Concen: 38.83 ng

RT: 17.74 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BF094608.D

Acq: 25 Apr 2017 16:40

Instrument :

BNA_F

ClientSampleId :

PB98458BS

Tot Ion:276 Resp: 413345

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 28.6 25.4 38.0

Manual Integrations

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mohammad

4/26/2017 2:20:55 PM

