

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\
 Data File : BF092738.D
 Acq On : 2 Feb 2017 16:37
 Operator : SJ/MA
 Sample : PB96670BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96670BS

Manual Integrations
 APPROVED

mohammad
 2/3/2017 1:22:22 PM

Quant Time: Feb 03 00:12:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	167373	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	626047	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	369489	20.00	ng	-0.02
63) Phenanthrene-d10	11.47	188	602765	20.00	ng	-0.02
75) Chrysene-d12	14.11	240	440306	20.00	ng	-0.03
86) Perylene-d12	15.56	264	426959	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1379572	141.41	ng	-0.02
7) Phenol-d6	6.58	99	1892521	150.77	ng	-0.02
23) Nitrobenzene-d5	7.50	82	937275	83.37	ng	-0.03
41) 2,4,6-Tribromophenol	10.77	330	325960	121.97	ng	-0.03
44) 2-Fluorobiphenyl	9.31	172	1860290	91.21	ng	-0.02
78) Terphenyl-d14	13.05	244	1469789	78.43	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	200590	38.05	ng	# 83
3) Pyridine	3.38	79	628574	46.89	ng	85
4) n-Nitrosodimethylamine	3.34	42	319548	50.77	ng	84
6) Aniline	6.60	93	405706	23.69	ng	95
8) 2-Chlorophenol	6.73	128	533110	49.53	ng	99
9) Benzaldehyde	6.48	77	374783	41.68	ng	86
10) Phenol	6.60	94	668478	45.52	ng	80
11) bis(2-Chloroethyl)ether	6.67	93	565509	48.24	ng	89
12) 1,3-Dichlorobenzene	6.88	146	568172m	45.07	ng	
13) 1,4-Dichlorobenzene	6.96	146	579036	45.38	ng	95
14) 1,2-Dichlorobenzene	7.10	146	449505	36.84	ng	97
15) Benzyl Alcohol	7.08	79	382925	41.21	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.22	45	776579	38.13	ng	94
17) 2-Methylphenol	7.21	107	411650	44.58	ng	99
18) Hexachloroethane	7.45	117	166529	38.23	ng	91
19) n-Nitroso-di-n-propylamine	7.36	70	321766	40.27	ng	96
20) 3+4-Methylphenols	7.36	107	469277	42.51	ng	94
22) Acetophenone	7.36	105	615206	43.04	ng	# 90
24) Nitrobenzene	7.53	77	530490	45.95	ng	93
25) Isophorone	7.77	82	935120	44.64	ng	99
26) 2-Nitrophenol	7.85	139	270547	49.30	ng	# 81
27) 2,4-Dimethylphenol	7.88	122	442133	45.88	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	570402	41.11	ng	100
29) 2,4-Dichlorophenol	8.09	162	411201	45.75	ng	90
30) 1,2,4-Trichlorobenzene	8.17	180	419439	43.30	ng	95
31) Naphthalene	8.25	128	1259831	39.70	ng	99
32) Benzoic acid	8.02	122	267238	48.80	ng	96
33) 4-Chloroaniline	8.30	127	114578	9.21	ng	96
34) Hexachlorobutadiene	8.36	225	210101	39.43	ng	98
35) Caprolactam	8.68	113	143415m	50.73	ng	
36) 4-Chloro-3-methylphenol	8.80	107	461884	49.29	ng	96
37) 2-Methylnaphthalene	8.94	142	972884	47.75	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	379587	36.60	ng	99
40) Hexachlorocyclopentadiene	9.09	237	390597	83.47	ng	96

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Manual Integrations
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Quant Time: Feb 03 00:12:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	305934	44.89	nq	93
43) 2,4,5-Trichlorophenol	9.26	196	305340	40.89	nq	92
45) 1,1'-Biphenyl	9.40	154	1028950	38.46	nq	97
46) 2-Chloronaphthalene	9.44	162	901837	43.09	nq	94
47) 2-Nitroaniline	9.53	65	279777	39.76	nq	99
48) Acenaphthylene	9.85	152	1451188	40.14	nq	99
49) Dimethylphthalate	9.71	163	1117956	44.92	nq	100
50) 2,6-Dinitrotoluene	9.77	165	217635	40.49	nq	# 79
51) Acenaphthene	10.02	154	1008073	46.63	nq	96
52) 3-Nitroaniline	9.94	138	106366	17.29	nq	90
53) 2,4-Dinitrophenol	10.05	184	279394	100.87	nq	94
54) Dibenzofuran	10.19	168	1241772	42.95	nq	95
55) 4-Nitrophenol	10.12	139	432089	97.53	nq	# 81
56) 2,4-Dinitrotoluene	10.18	165	349443	48.84	nq	# 78
57) Fluorene	10.53	166	1003265	45.10	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	236688	47.51	nq	95
59) Diethylphthalate	10.41	149	1059684	45.18	nq	97
60) 4-Chlorophenyl-phenylether	10.52	204	444985	41.64	nq	# 86
61) 4-Nitroaniline	10.56	138	236552	37.55	nq	92
62) Azobenzene	10.68	77	1122172	46.31	nq	95
64) 4,6-Dinitro-2-methylphenol	10.58	198	160655	44.02	nq	# 43
65) n-Nitrosodiphenylamine	10.65	169	898748	46.68	nq	100
66) 4-Bromophenyl-phenylether	11.01	248	286782	45.54	nq	# 87
67) Hexachlorobenzene	11.08	284	285319	45.85	nq	# 87
68) Atrazine	11.17	200	301827	48.84	nq	96
69) Pentachlorophenol	11.28	266	289763	89.28	nq	98
70) Phenanthrene	11.49	178	1447568	41.92	nq	99
71) Anthracene	11.54	178	1447467	41.74	nq	99
72) Carbazole	11.70	167	1232197	37.17	nq	99
73) Di-n-butylphthalate	12.02	149	1560273	43.52	nq	98
74) Fluoranthene	12.68	202	1560231	43.80	nq	93
76) Benzidine	12.80	184	486511	25.93	nq	97
77) Pyrene	12.91	202	1535952	46.61	nq	99
79) Butylbenzylphthalate	13.52	149	680565	50.86	nq	98
80) Benzo(a)anthracene	14.10	228	1218831	45.26	nq	98
81) 3,3'-Dichlorobenzidine	14.05	252	248432	25.88	nq	98
82) Chrysene	14.13	228	1205327	47.80	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	864949	47.27	nq	# 98
84) Di-n-octyl phthalate	14.69	149	1588181	53.30	nq	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	1043541	53.43	nq	95
87) Benzo(b)fluoranthene	15.14	252	1115452	39.69	nq	99
88) Benzo(k)fluoranthene	15.17	252	1099366m	45.31	nq	
89) Benzo(a)pyrene	15.51	252	1052070	43.28	nq	99
90) Dibenzo(a,h)anthracene	17.05	278	881122	44.85	nq	97
91) Benzo(g,h,i)perylene	17.47	276	864894	43.58	nq	# 93

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

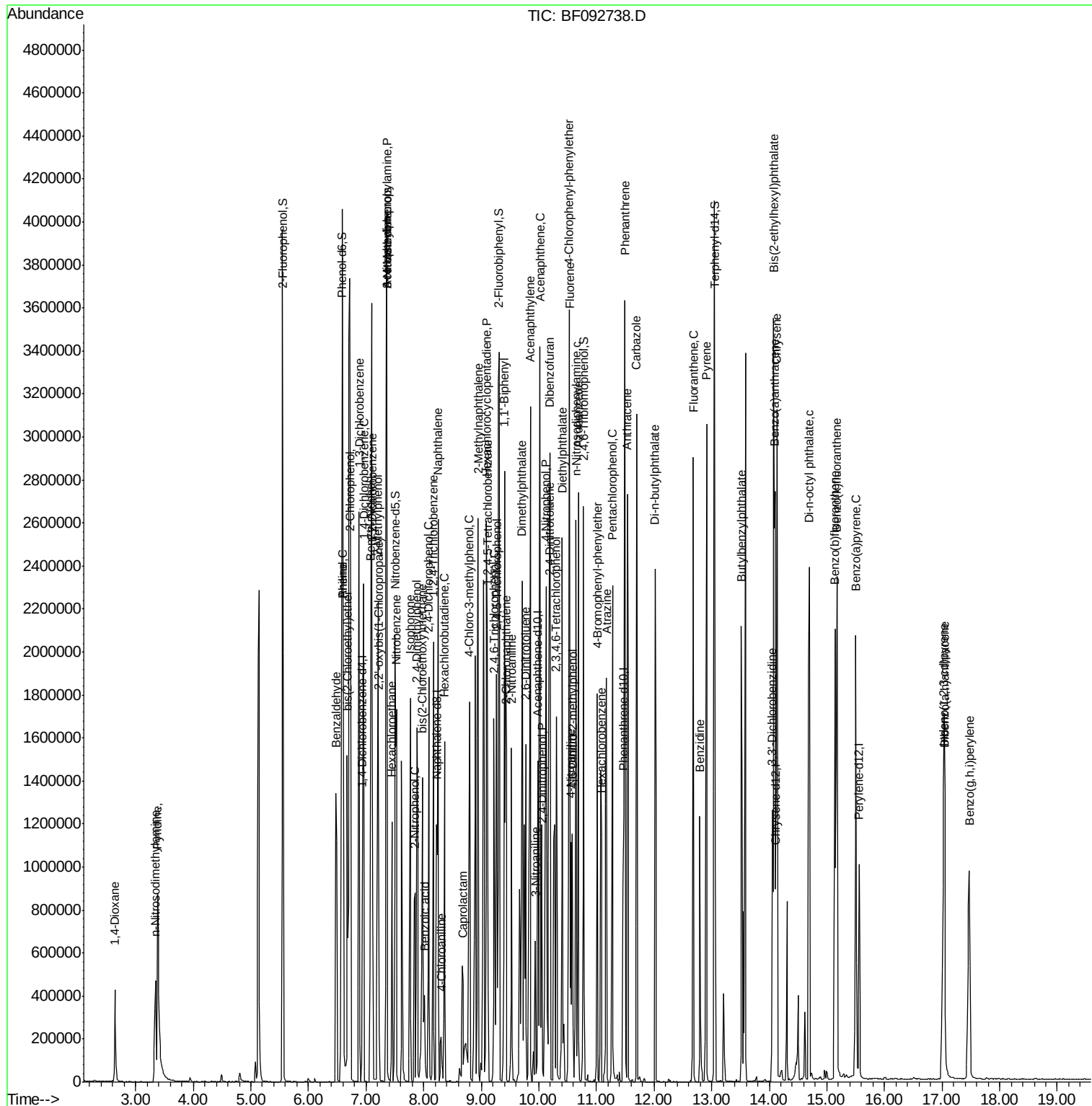
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF020217\  
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Acq On    : 2 Feb 2017 16:37  
Operator  : SJ/MA  
Sample    : PB96670BS  
Misc      :  
ALS Vial  : 4 Sample Multiplier: 1
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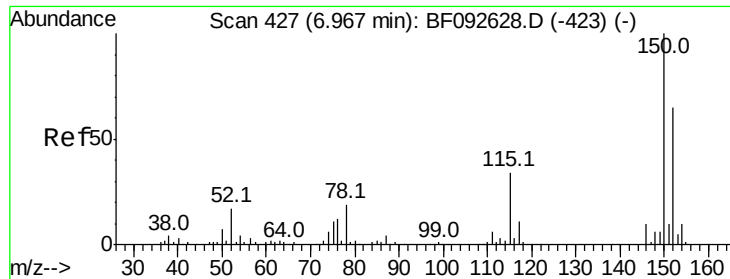
Instrument :
BNA_F
ClientSampleId :
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Manual Integrations APPROVED

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#1

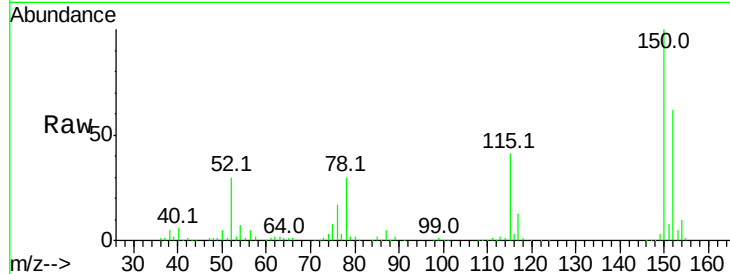
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.03 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB96670BS

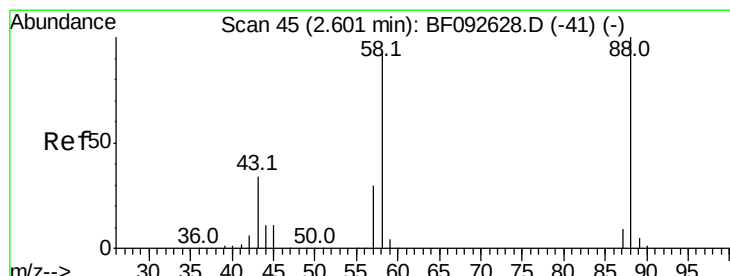
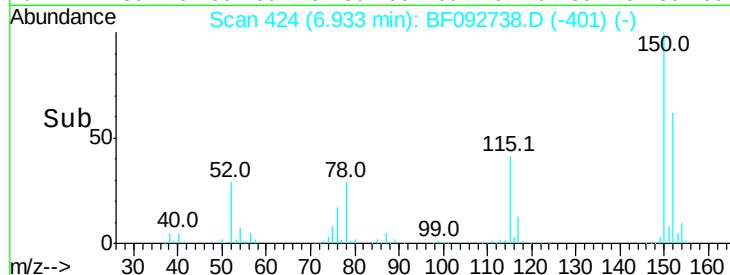
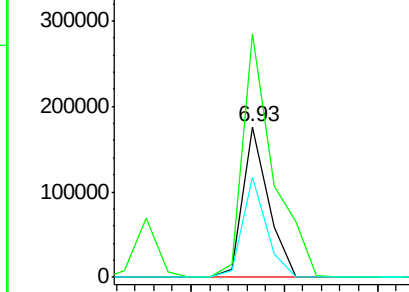
Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.9	187.3
115	66.4	46.0	69.0

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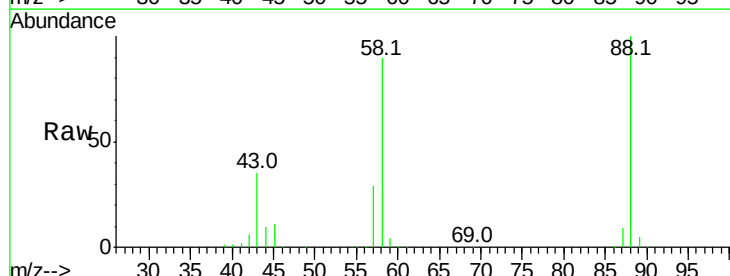
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



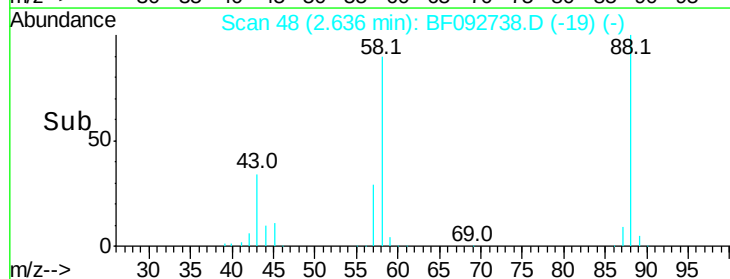
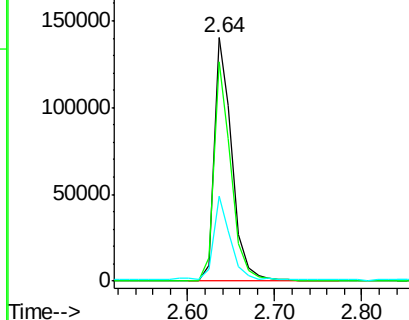
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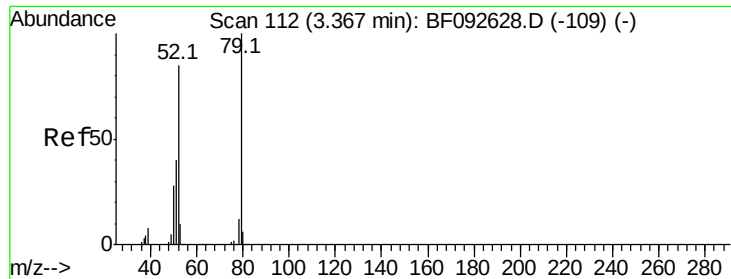
1,4-Dioxane
Concen: 38.05 ng
RT: 2.64 min Scan# 48
Delta R.T. 0.03 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.4	57.8	86.8#
43	33.2	22.3	33.5



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





#3

Pvridine

Concen: 46.89 ng

RT: 3.38 min Scan# 113

Delta R.T. 0.01 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

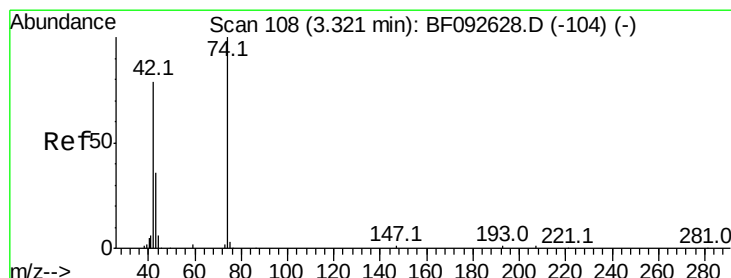
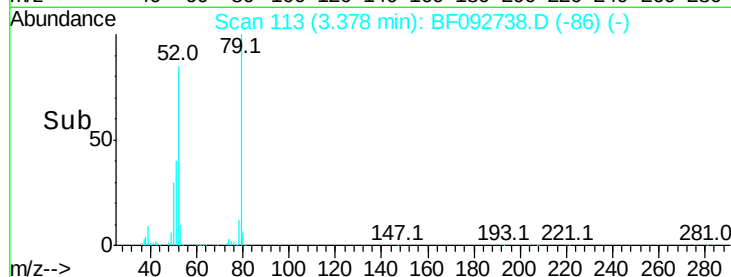
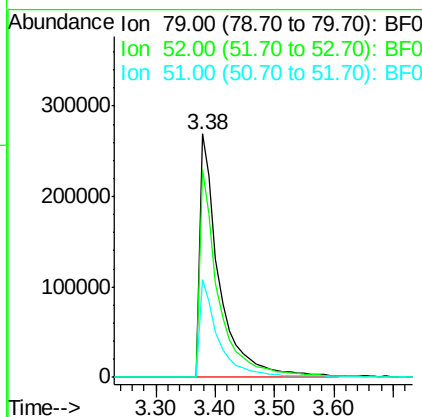
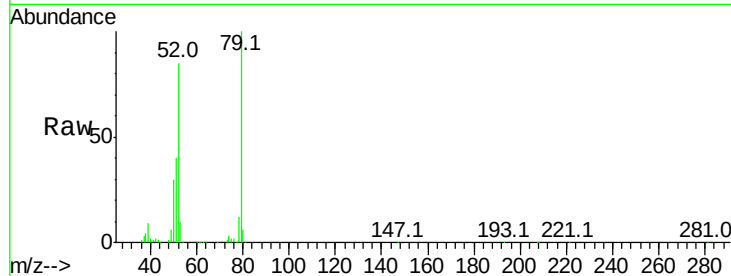
ClientSampleId :

PB96670BS

Tot Ion:	79	Resp:	628574
Ion Ratio	Lower	Upper	
79	100		
52	85.5	57.1	85.7
51	40.3	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 50.77 ng

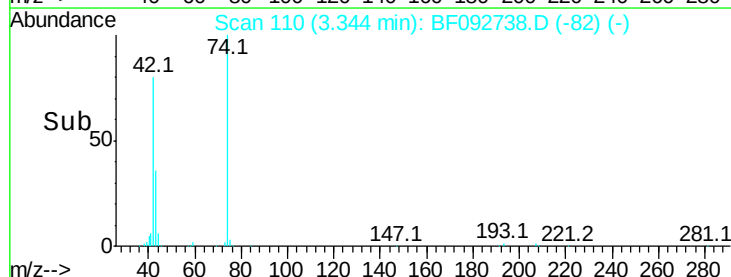
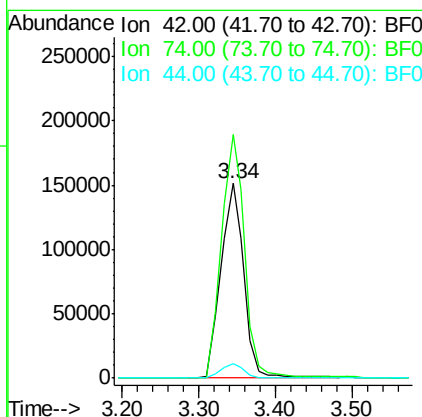
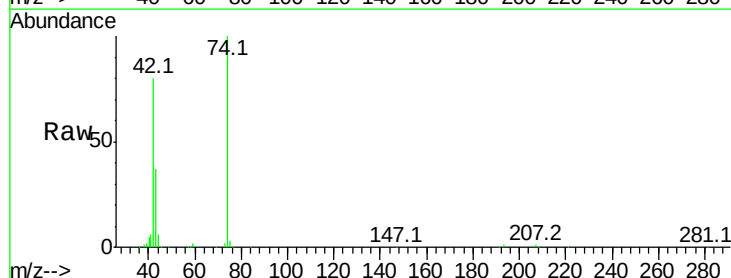
RT: 3.34 min Scan# 110

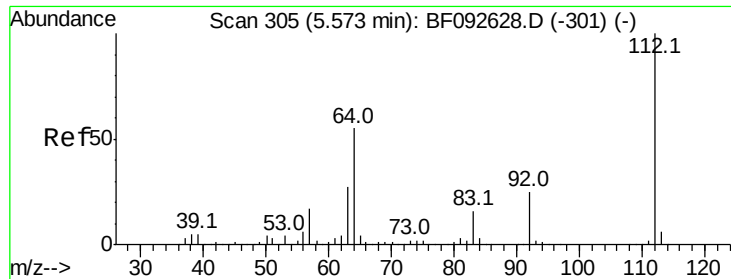
Delta R.T. 0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Tgt Ion:	42	Resp:	319548
Ion Ratio	Lower	Upper	
42	100		
74	125.0	117.0	175.4
44	7.1	5.5	8.3





#5

2-Fluorophenol

Concen: 141.41 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

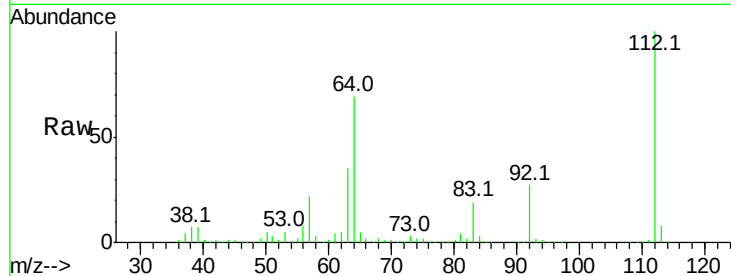
ClientSampled :

PB96670BS

Tot Ion:	112	Resp:	1379572
Ion	Ratio	Lower	Upper
112	100		
64	68.9	46.1	69.1
63	35.0	23.8	35.6

Manual Integrations
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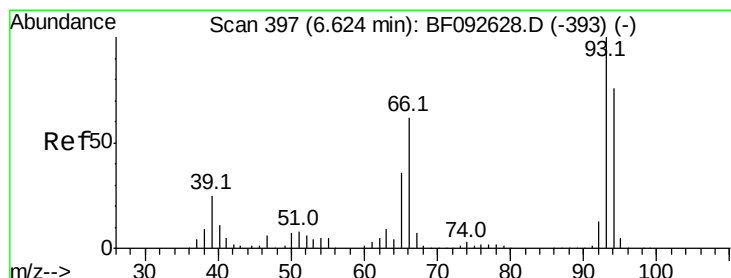
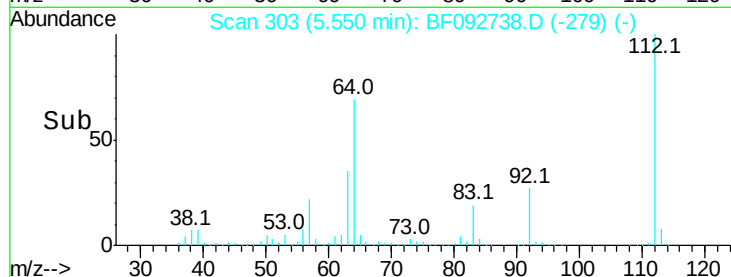
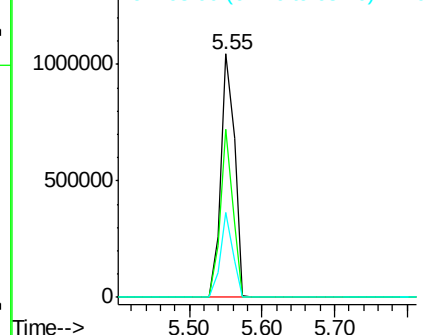
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.69 ng

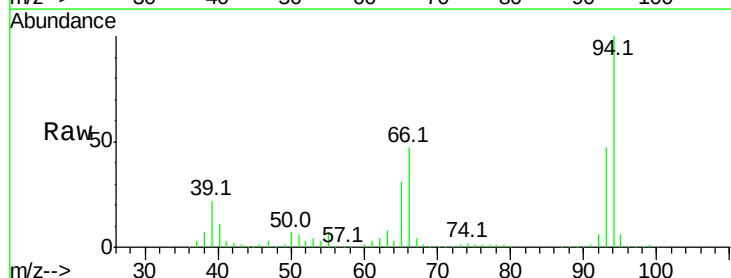
RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

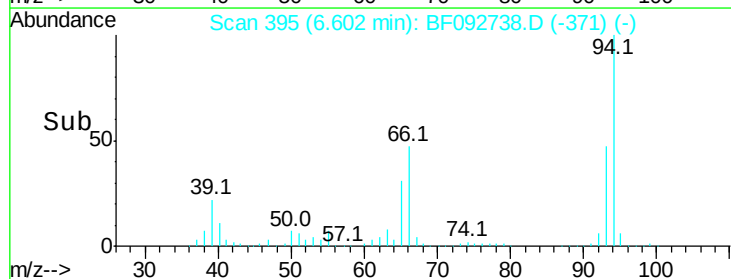
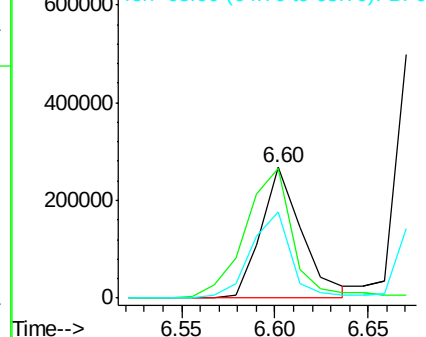
Tgt Ion:	93	Resp:	405706
Ion	Ratio	Lower	Upper
93	100		
66	99.7	76.2	114.2
65	66.1	49.3	73.9

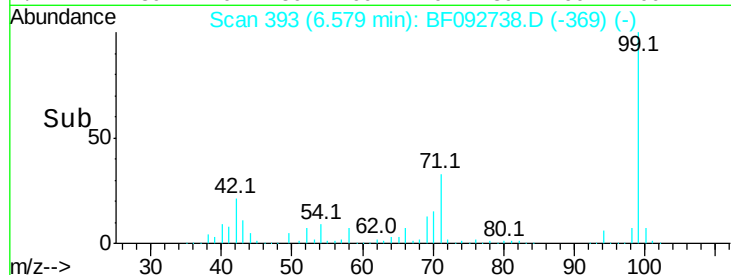
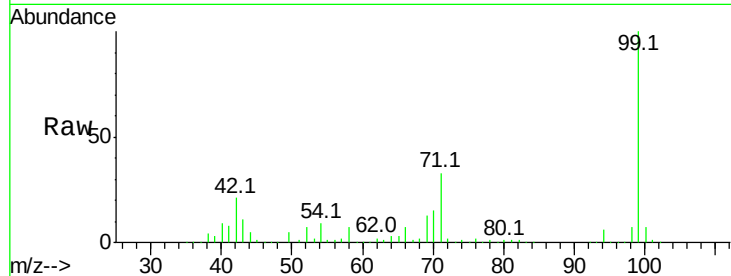
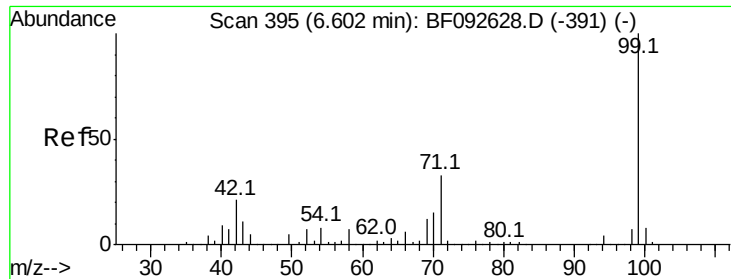


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 150.77 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		1892521		
42	21.1	15.6		23.4	
71	33.2	27.5		41.3	

Instrument :

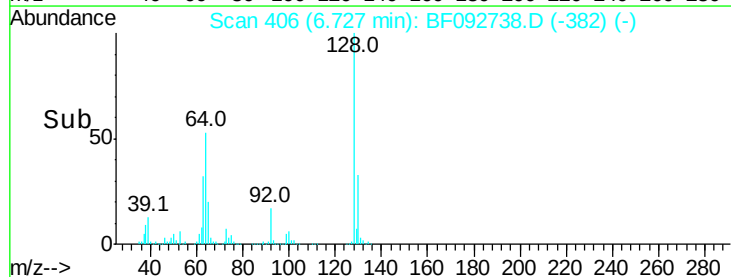
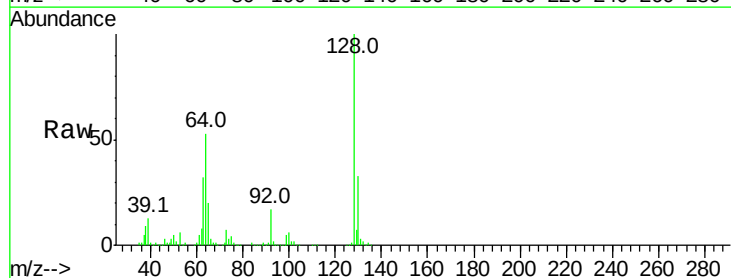
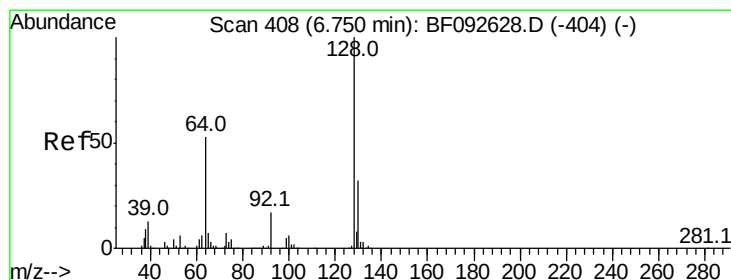
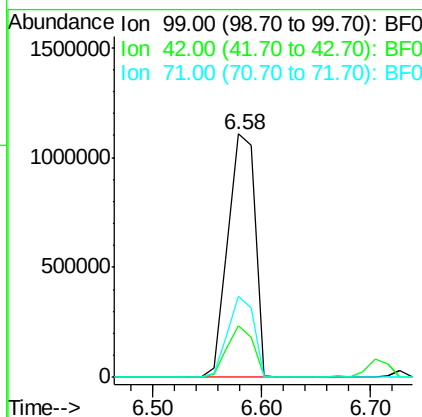
BNA_F

ClientSampled :

PB96670BS

Manual Integrations
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#8

2-Chlorophenol

Concen: 49.53 ng

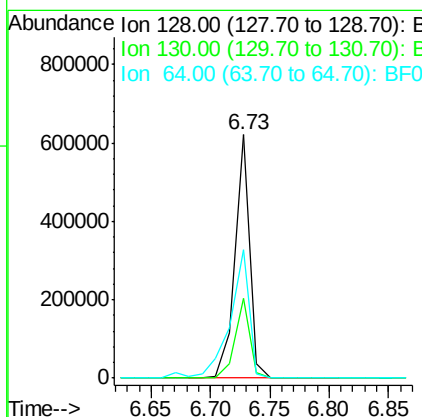
RT: 6.73 min Scan# 406

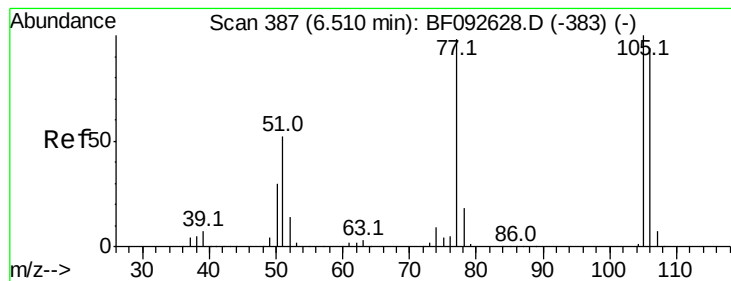
Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		533110		
130	32.8	12.3		52.3	
64	52.7	32.2		72.2	





#9

Benzaldehyde

Concen: 41.68 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

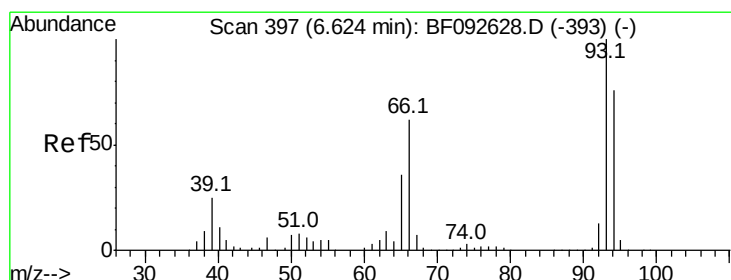
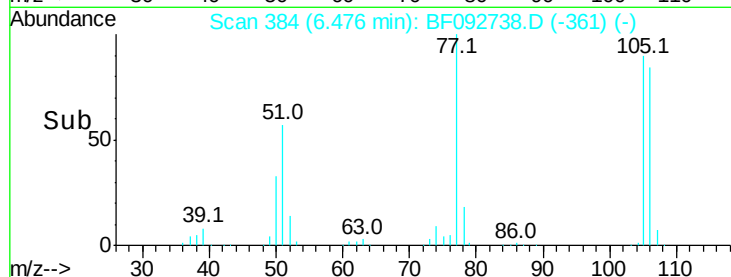
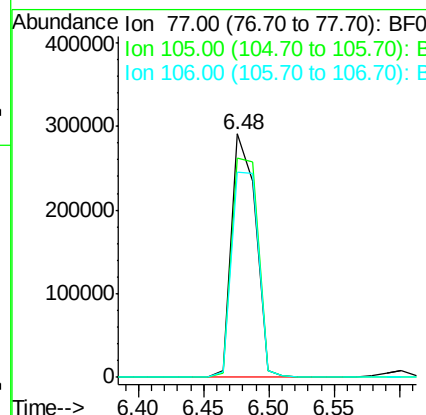
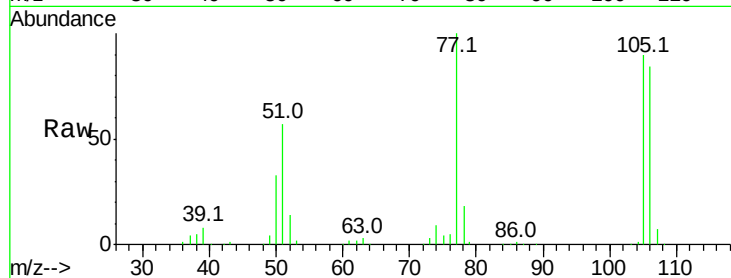
ClientSampleId :

PB96670BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	89.9	83.9	123.9
106	84.2	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 45.52 ng

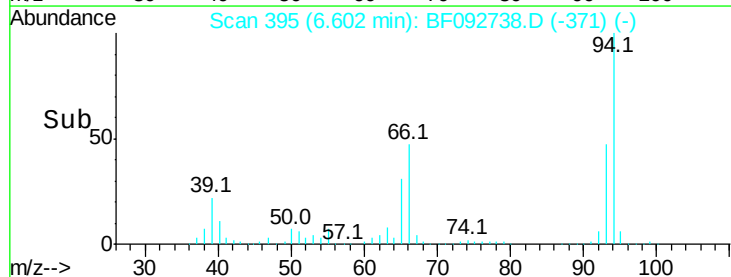
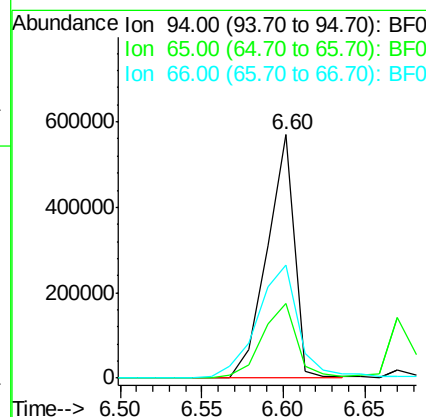
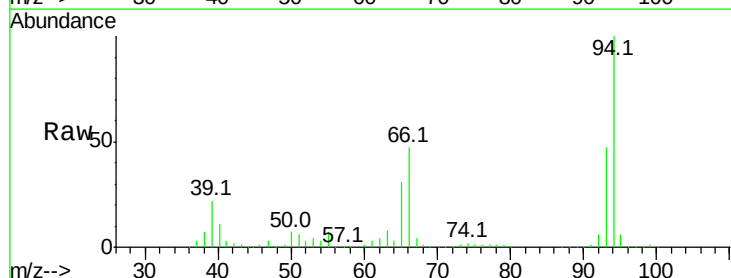
RT: 6.60 min Scan# 395

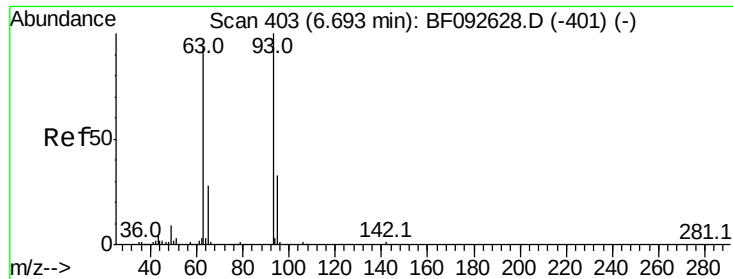
Delta R.T. -0.02 min

Lab File: BF092738.D

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.9	21.4	61.4
66	46.7	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 48.24 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

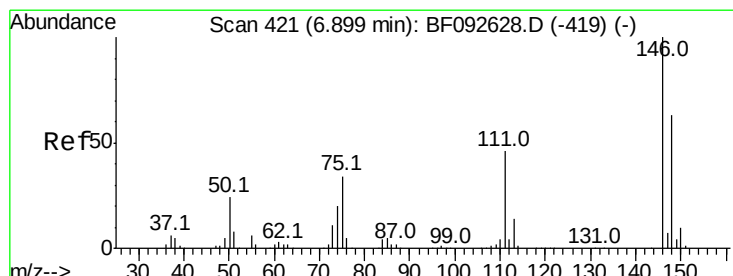
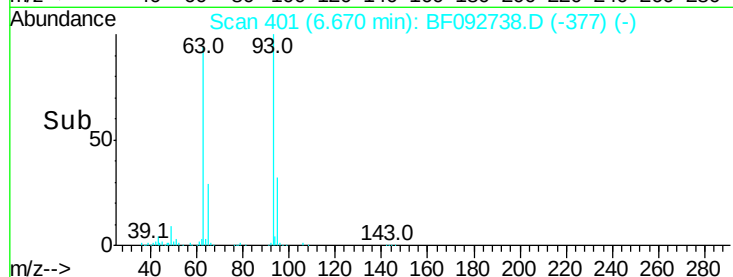
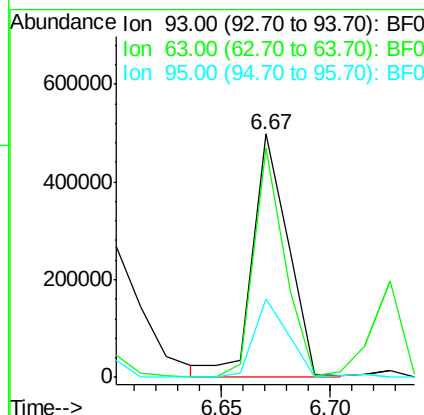
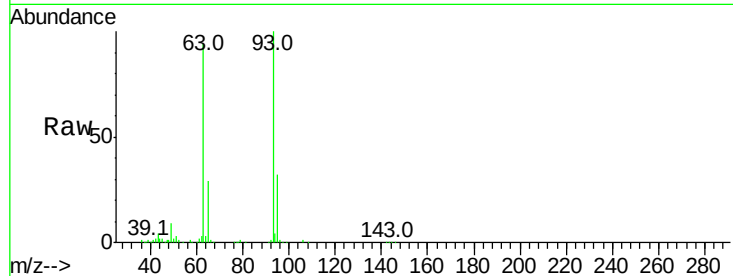
ClientSampleId :

PB96670BS

Tot Ion	93	Resp	565509
Ion	Ratio	Lower	Upper
93	100		
63	94.4	60.4	100.4
95	32.4	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 45.07 ng m

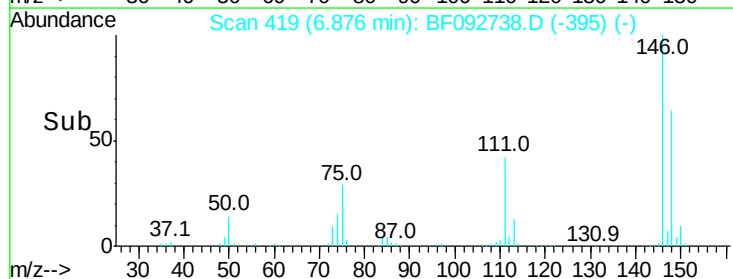
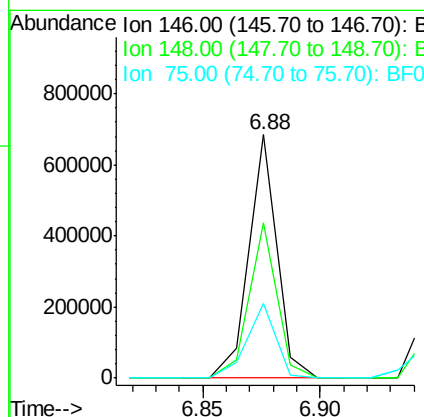
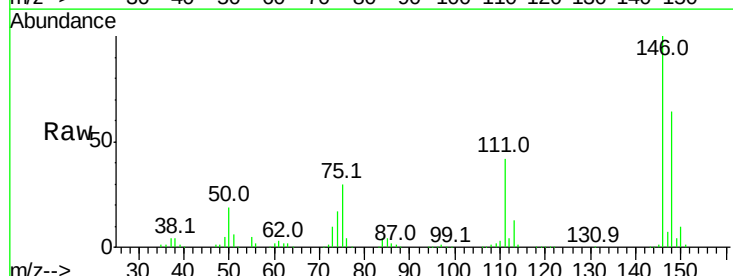
RT: 6.88 min Scan# 419

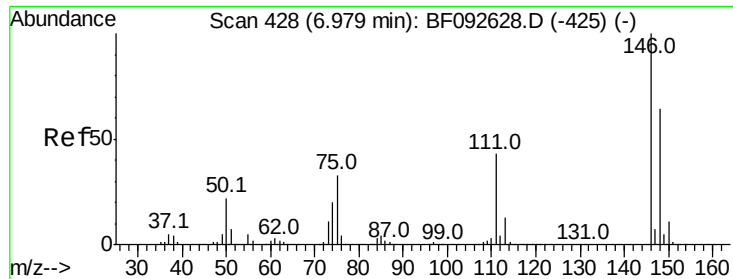
Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Tgt Ion	146	Resp	568172
Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.4	80.0
75	30.4	18.5	27.7#





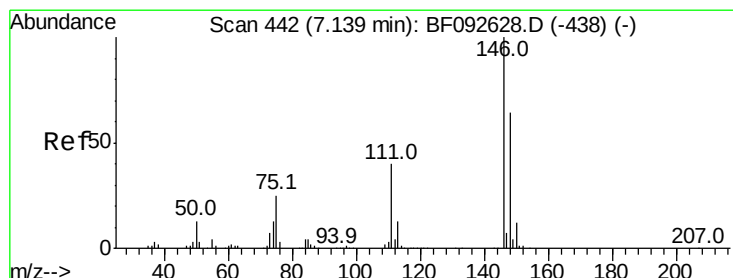
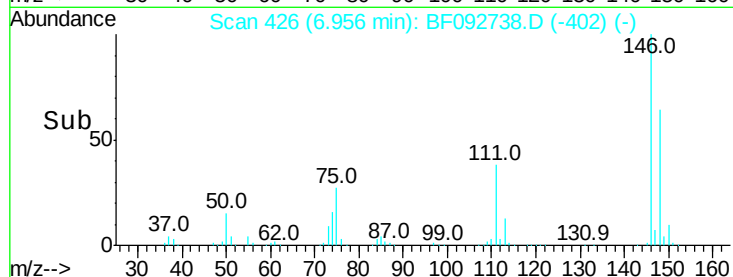
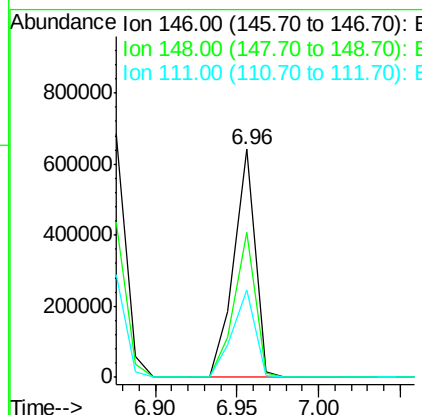
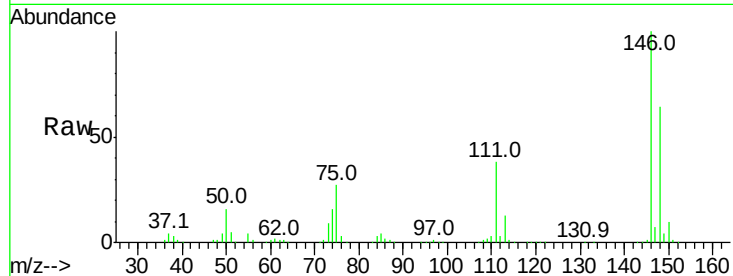
#13
1,4-Dichlorobenzene
Concen: 45.38 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB96670BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	76.0
111	38.3	36.2	54.4

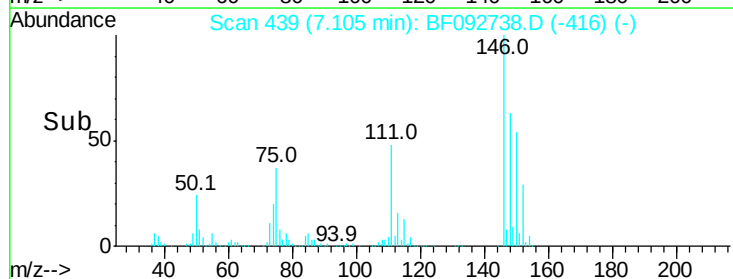
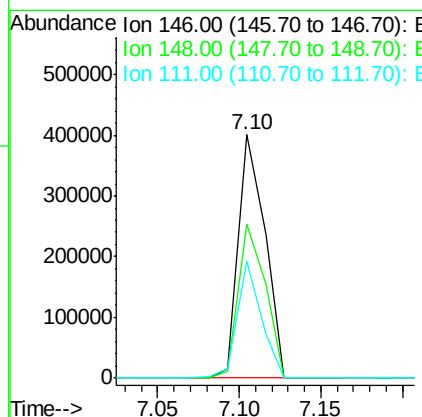
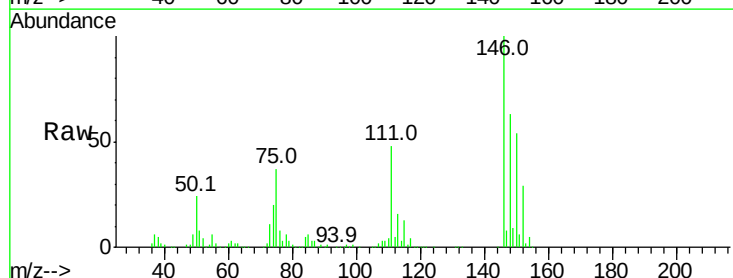
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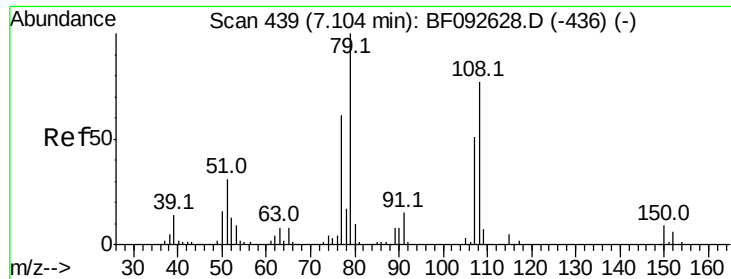
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#14
1,2-Dichlorobenzene
Concen: 36.84 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.2	78.2
111	47.8	36.2	54.2





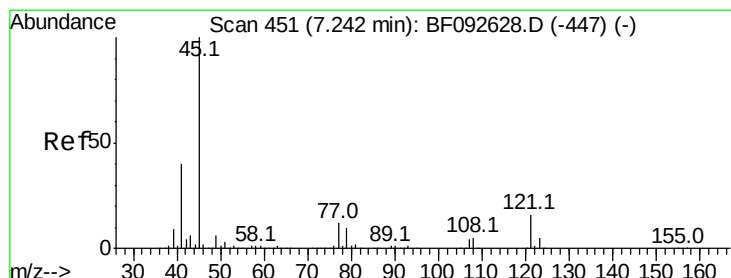
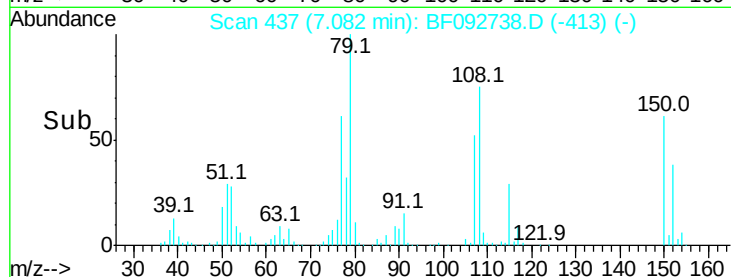
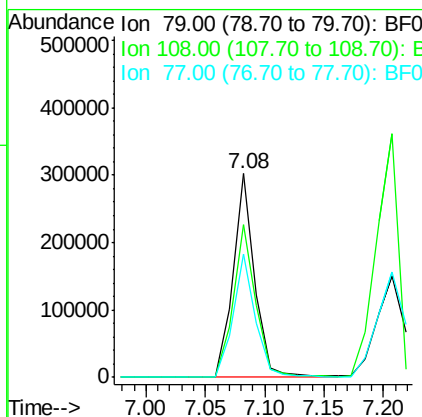
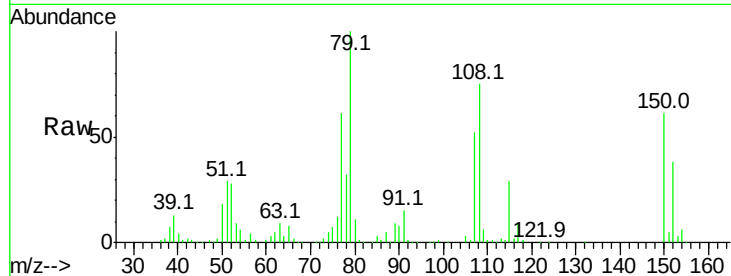
#15
Benzyl Alcohol
Concen: 41.21 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB96670BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.3	61.4	92.0
77	60.6	50.9	76.3

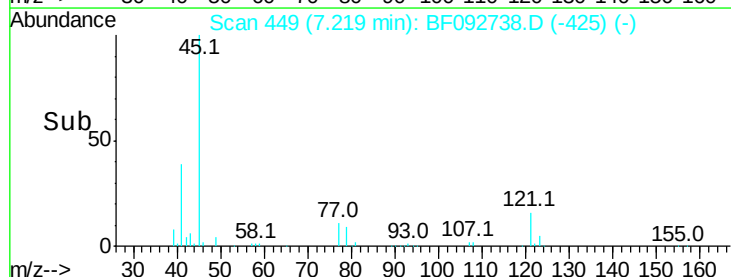
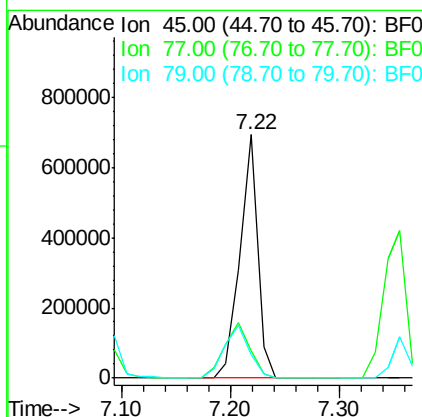
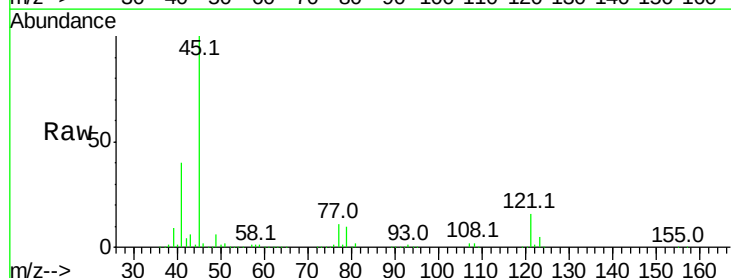
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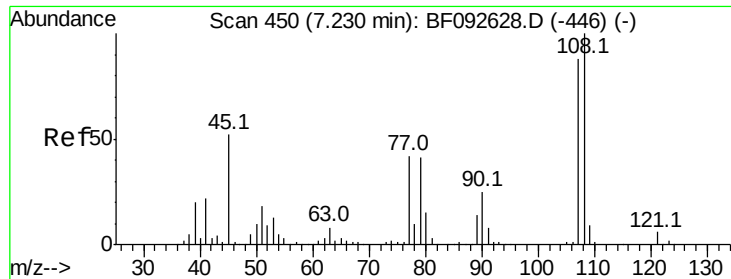
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.13 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	34.6
79	9.6	0.0	31.2





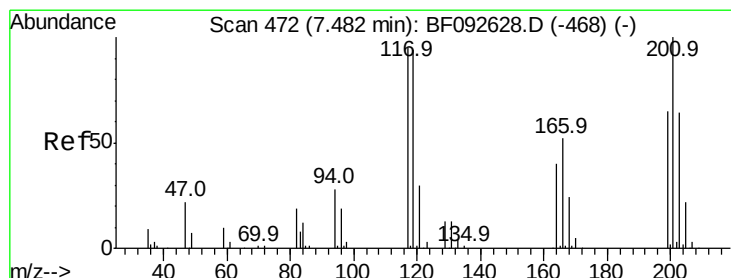
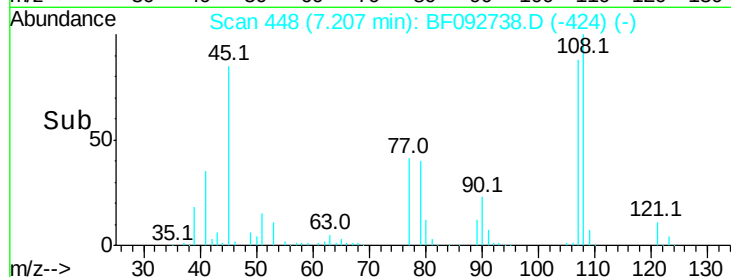
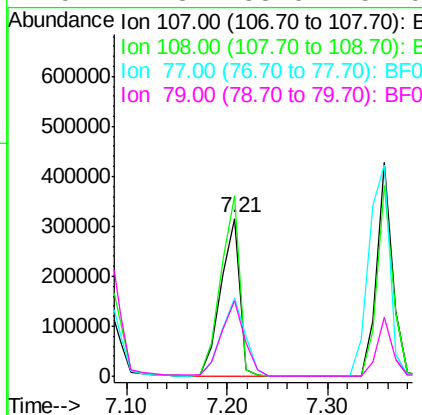
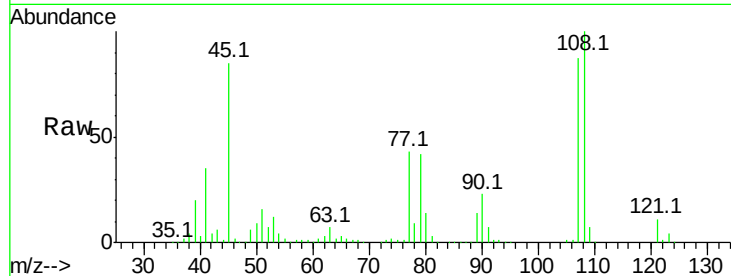
#17
2-Methylphenol
Concen: 44.58 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB96670BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	93.0	139.6
77	49.7	39.8	59.8
79	47.8	38.0	57.0

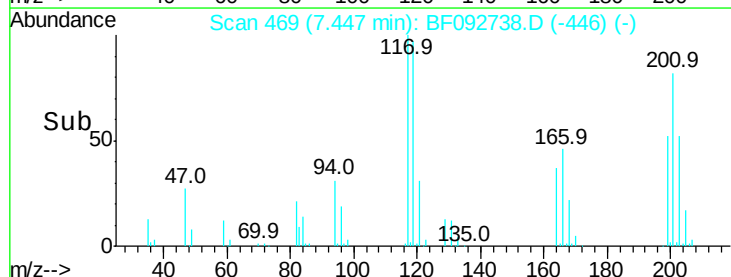
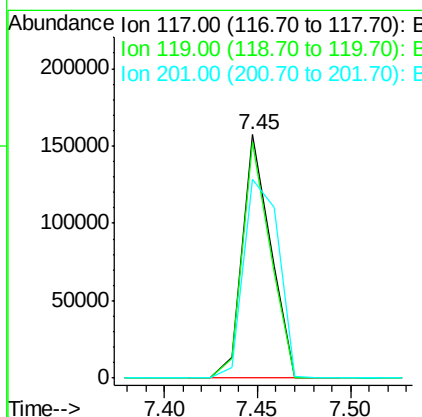
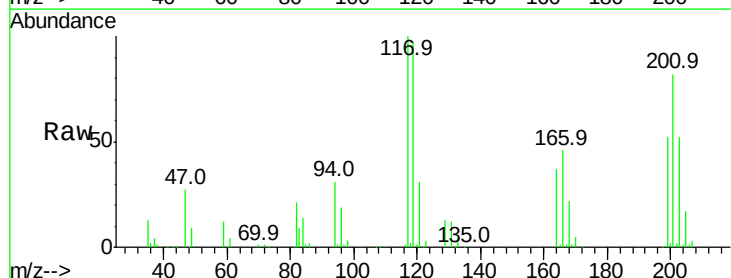
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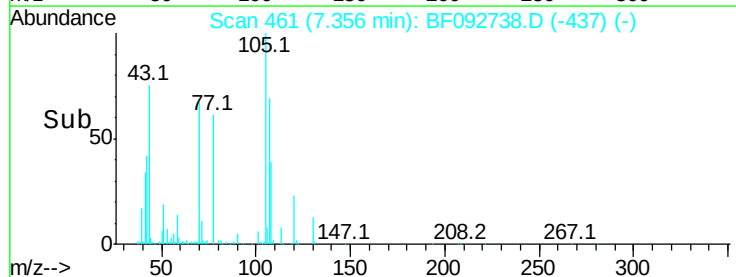
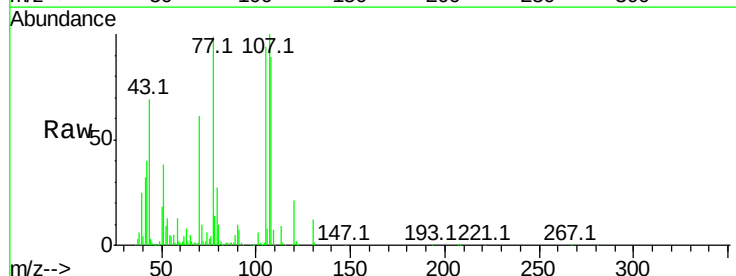
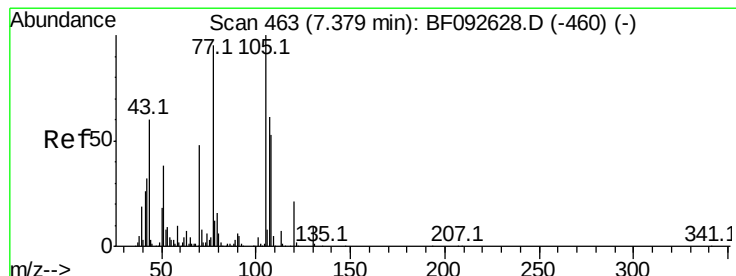
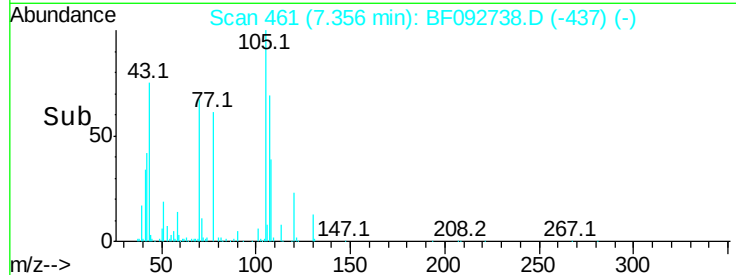
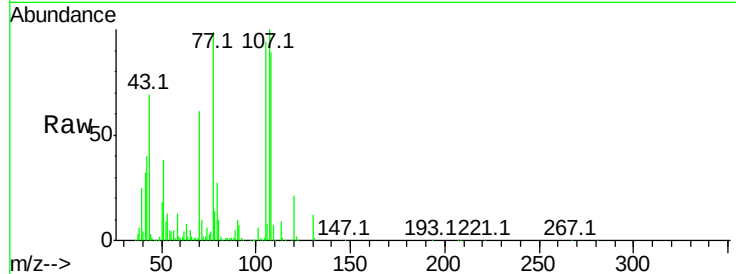
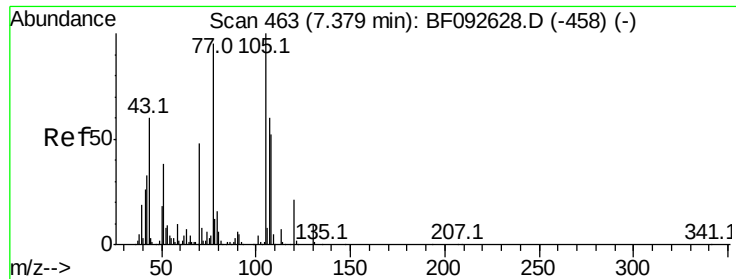
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#18
Hexachloroethane
Concen: 38.23 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

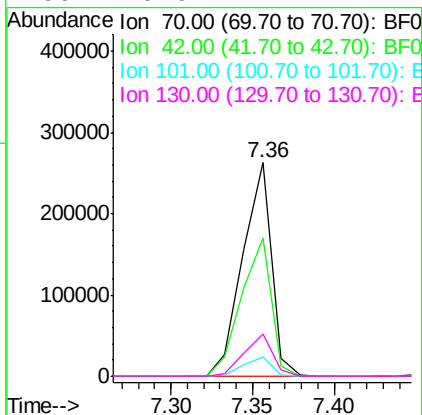
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	78.1	117.1
201	81.9	78.6	117.8





#19
n-Nitroso-di-n-propylamine
Concen: 40.27 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.9	49.4	74.0
101	9.0	7.4	11.2
130	19.6	14.2	21.4



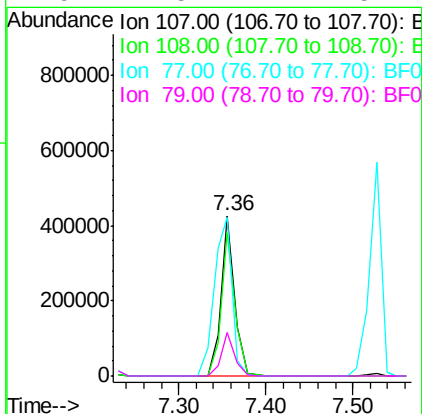
Instrument :
BNA_F
ClientSampleId :
PB96670BS

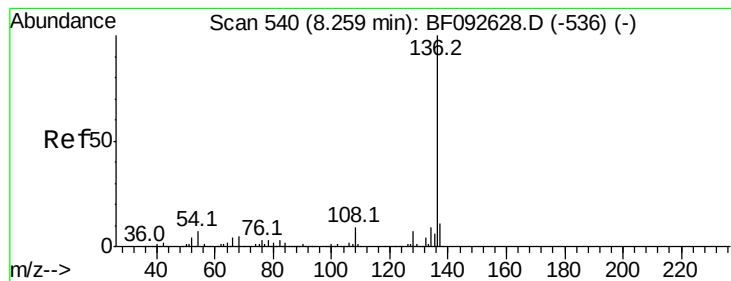
Manual Integrations
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#20
3+4-Methylphenols
Concen: 42.51 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.0	113.0
77	98.8	71.3	111.3
79	27.5	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

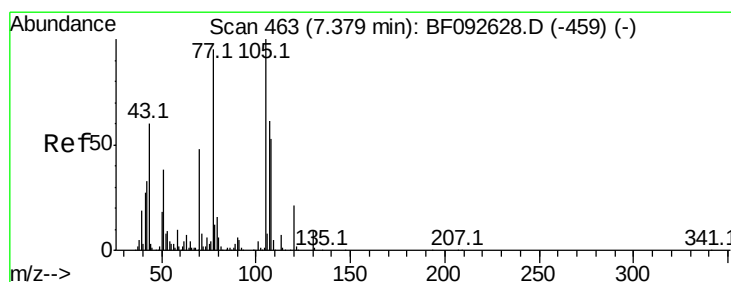
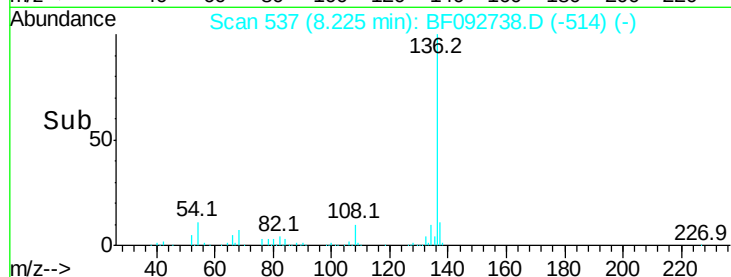
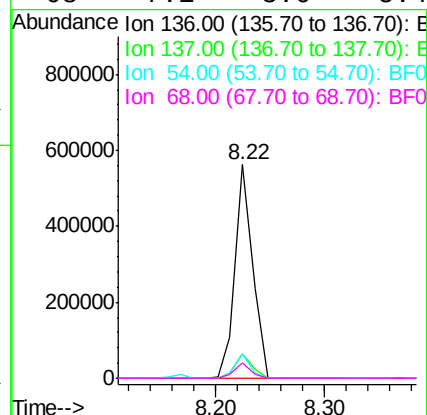
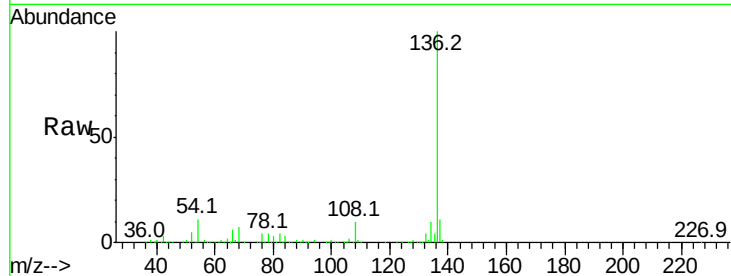
ClientSampleId :

PB96670BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	626047		
137	11.4	8.4	12.6	
54	11.1	4.5	6.7#	
68	7.1	3.6	5.4#	

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#22

Acetophenone

Concen: 43.04 ng

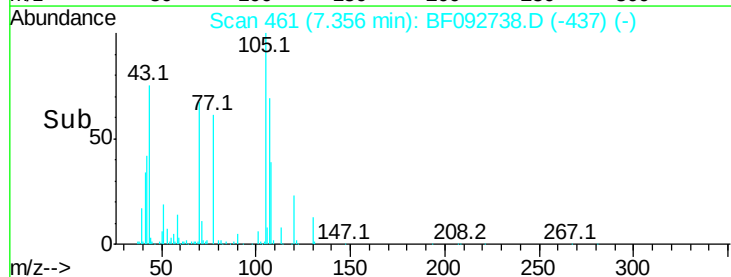
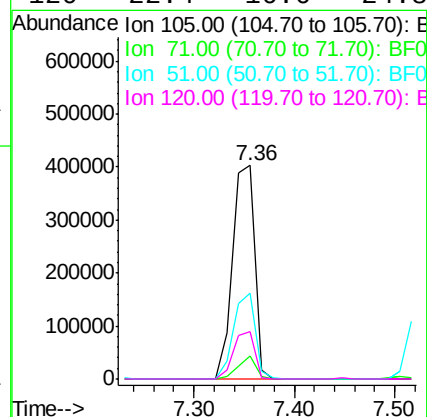
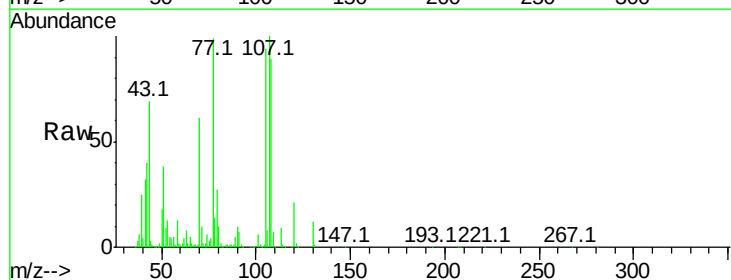
RT: 7.36 min Scan# 461

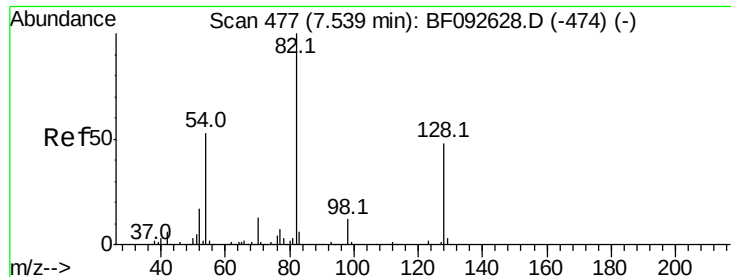
Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	615206		
71	10.8	3.2	4.8#	
51	40.2	26.2	39.4#	
120	22.4	16.6	24.8	





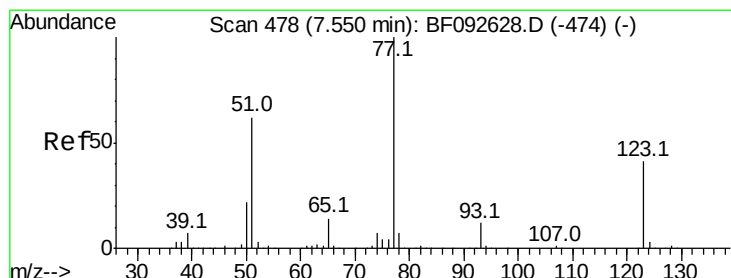
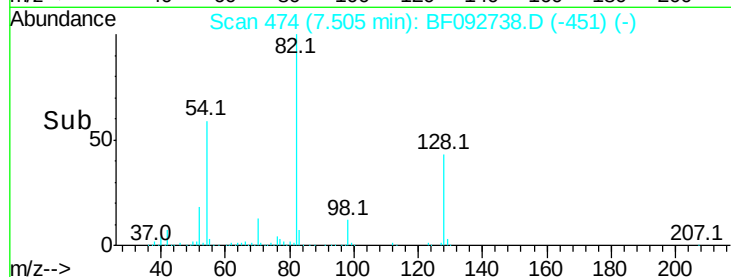
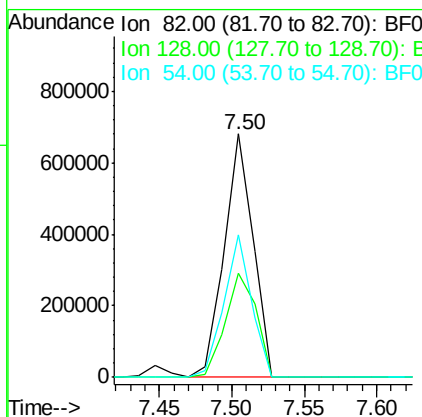
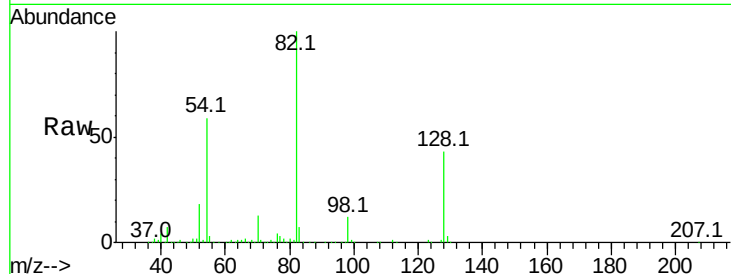
#23
 Nitrobenzene-d5
 Concen: 83.37 ng
 RT: 7.50 min Scan# 474
 Delta R.T. -0.03 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB96670BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.9	34.6	52.0	
54	58.6	39.5	59.3	

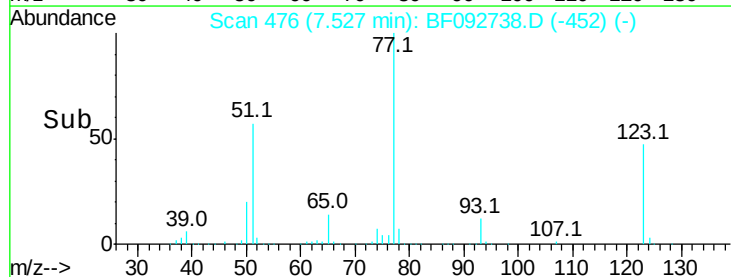
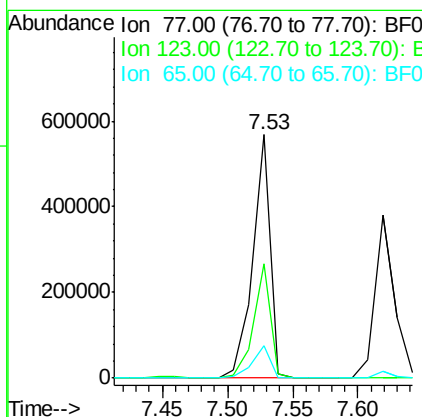
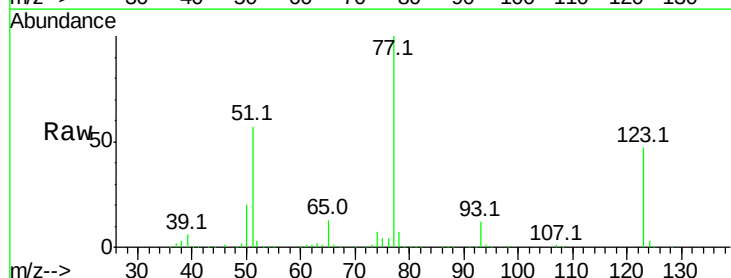
Manual Integrations
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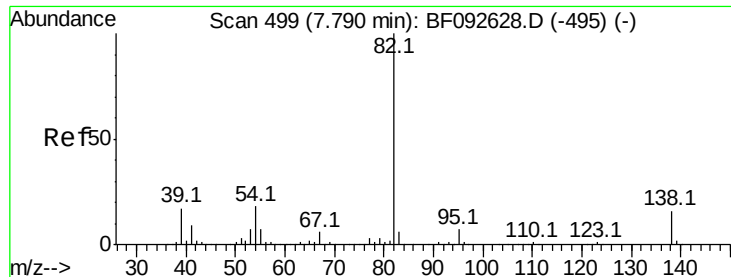
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#24
 Nitrobenzene
 Concen: 45.95 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	47.0	33.0	49.4	
65	13.5	11.2	16.8	





#25

Isophorone

Concen: 44.64 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

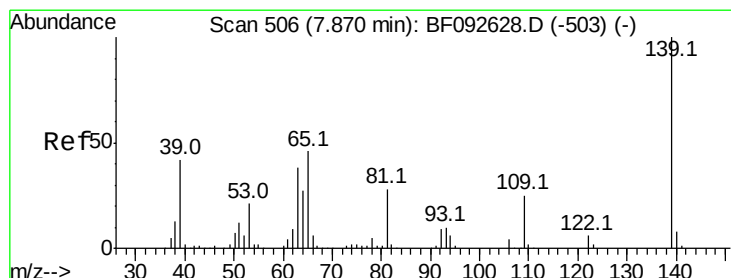
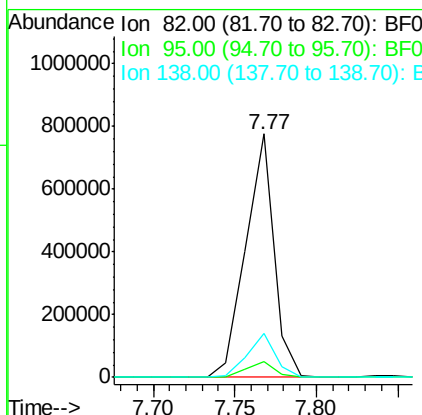
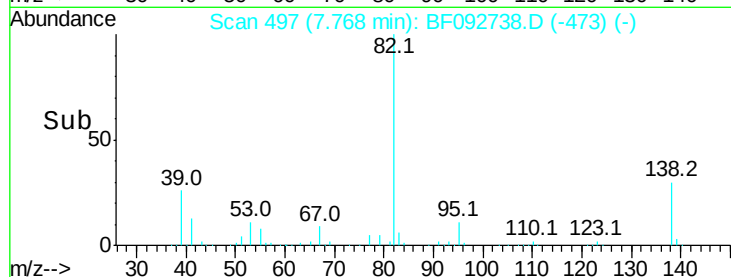
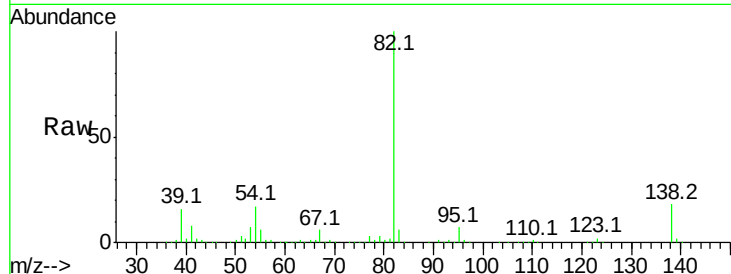
ClientSampleId :

PB96670BS

Tot Ion:	82	Resp:	935120
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	18.0	14.6	22.0

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#26

2-Nitrophenol

Concen: 49.30 ng

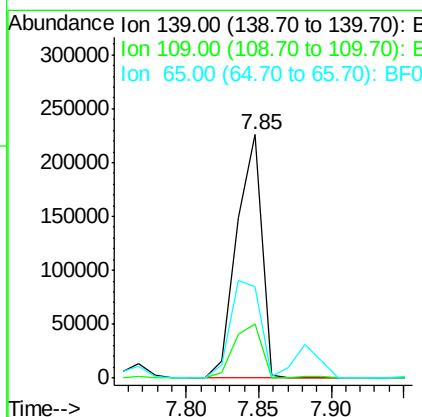
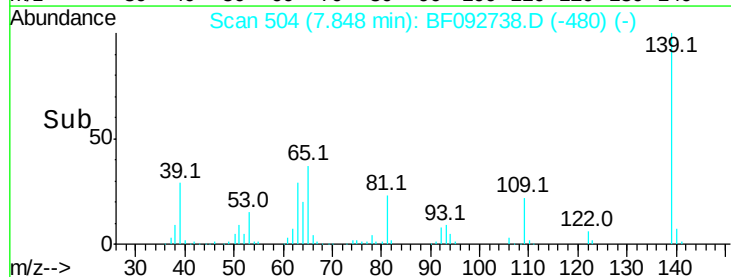
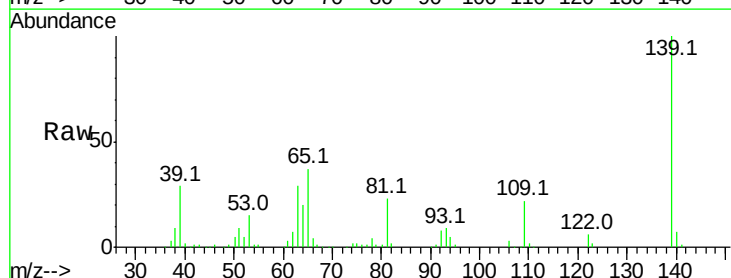
RT: 7.85 min Scan# 504

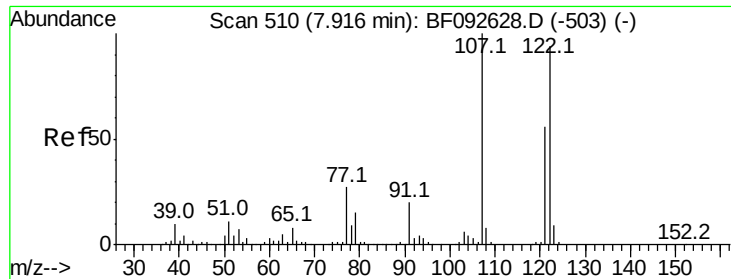
Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Tgt Ion:	139	Resp:	270547
Ion Ratio	Lower	Upper	
139	100		
109	22.1	23.3	34.9#
65	37.3	42.7	64.1#





#27

2,4-Dimethylphenol

Concen: 45.88 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

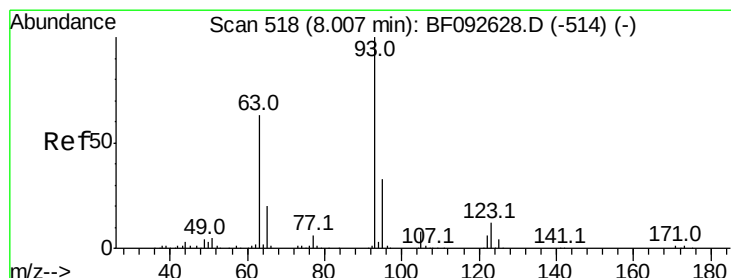
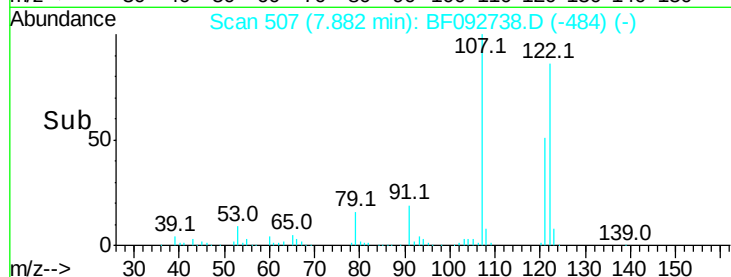
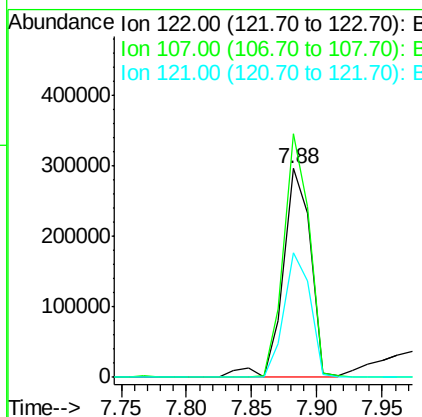
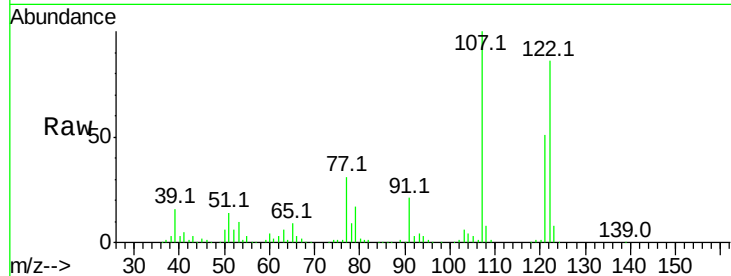
ClientSampleId :

PB96670BS

Tot Ion:	122	Resp:	442133
Ion Ratio	Lower	Upper	
122	100		
107	116.7	94.1	141.1
121	59.9	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 41.11 ng

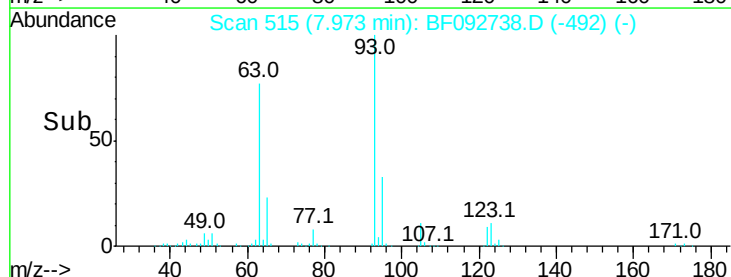
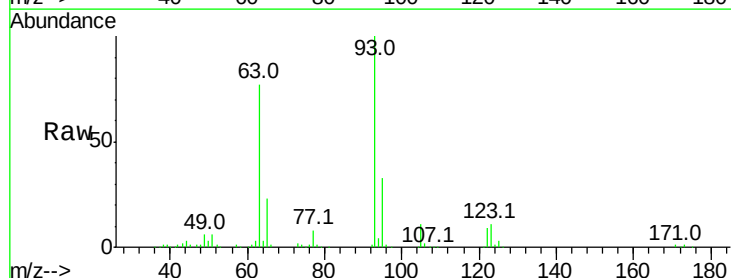
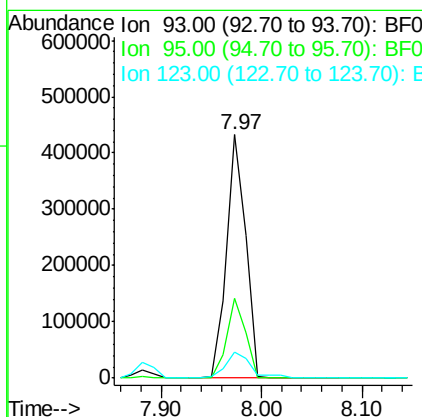
RT: 7.97 min Scan# 515

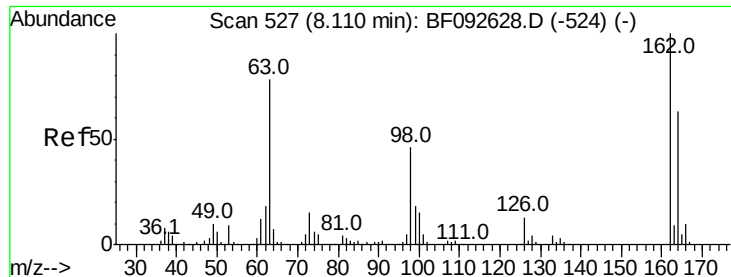
Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Tgt Ion:	93	Resp:	570402
Ion Ratio	Lower	Upper	
93	100		
95	32.9	26.5	39.7
123	10.8	8.6	13.0





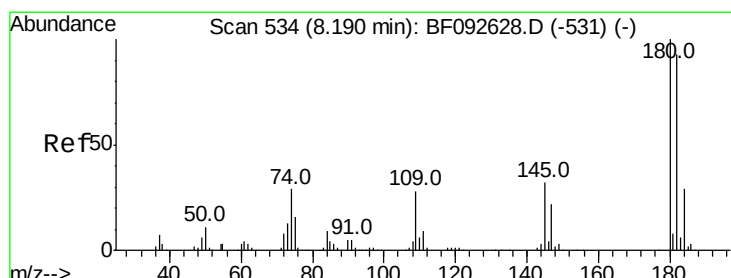
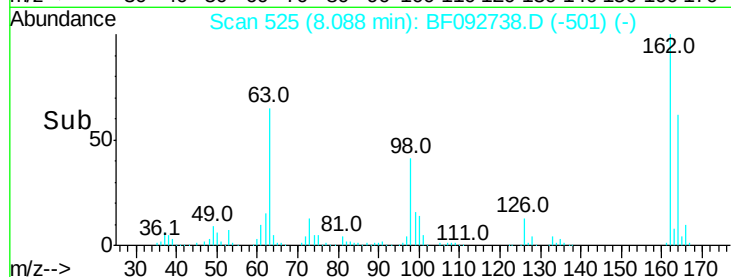
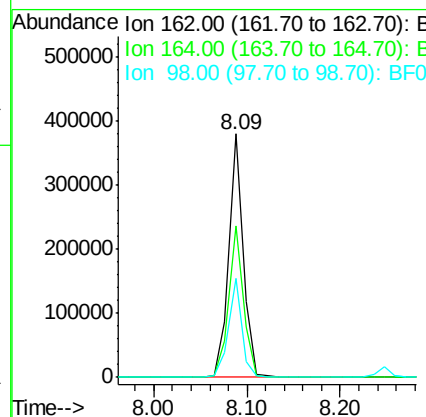
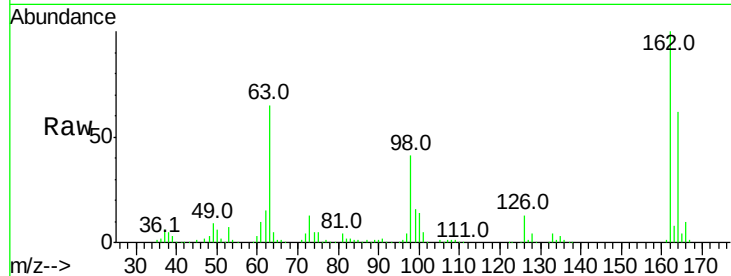
#29
 2,4-Dichlorophenol
 Concen: 45.75 ng
 RT: 8.09 min Scan# 525
 Delta R.T. -0.02 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Instrument :
 BNA_F
 ClientSampleID :
 PB96670BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	411201		
164	62.3	46.8	86.8	
98	40.6	9.1	49.1	

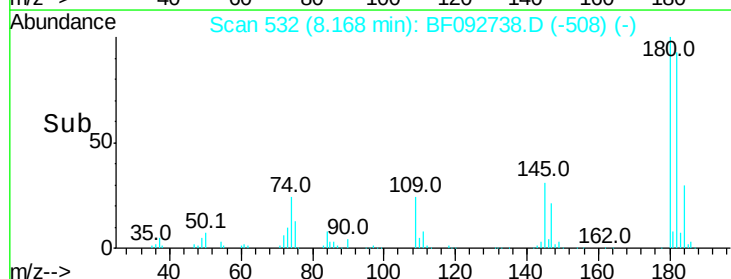
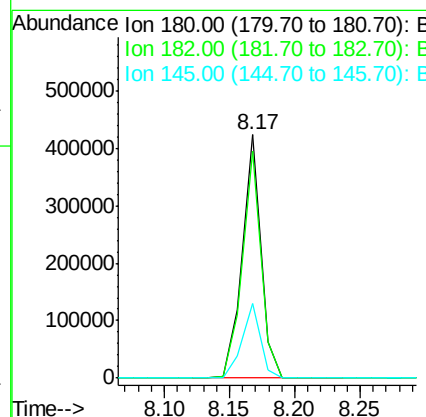
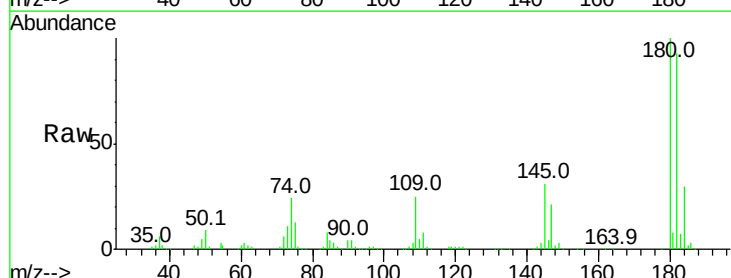
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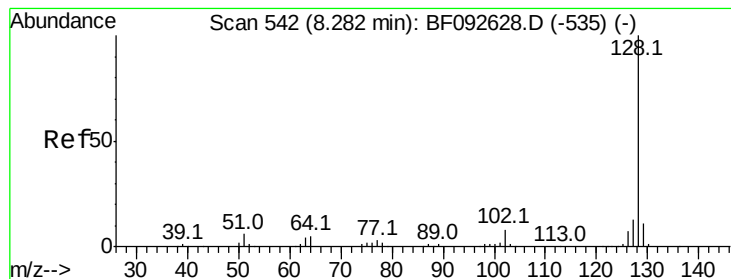
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.30 ng
 RT: 8.17 min Scan# 532
 Delta R.T. -0.02 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	419439		
182	93.3	78.2	117.4	
145	30.6	21.6	32.4	





#31

Naphthalene

Concen: 39.70 ng

RT: 8.25 min Scan# 539

Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

ClientSampleId :

PB96670BS

Tot Ion:128 Resp: 1259831

Ion Ratio Lower Upper

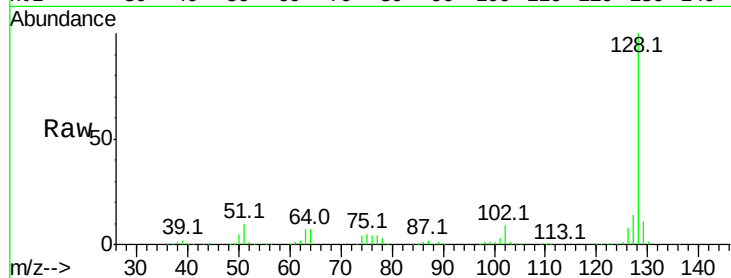
128 100

129 11.4 9.5 14.3

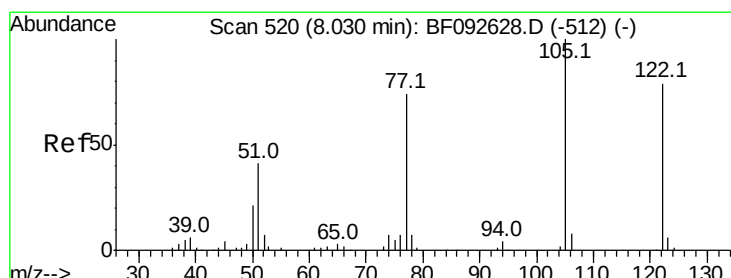
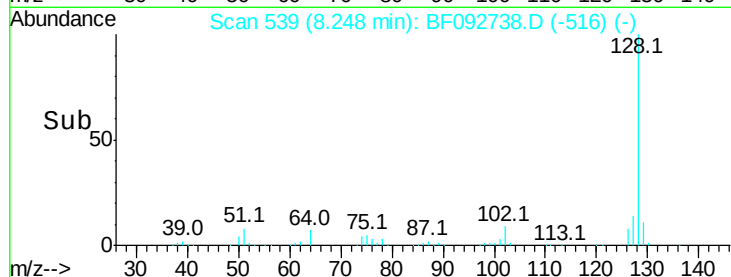
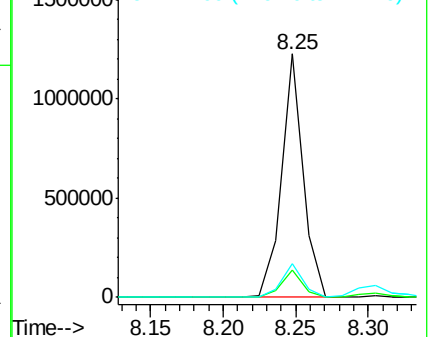
127 13.6 10.8 16.2

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



#32

Benzoic acid

Concen: 48.80 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

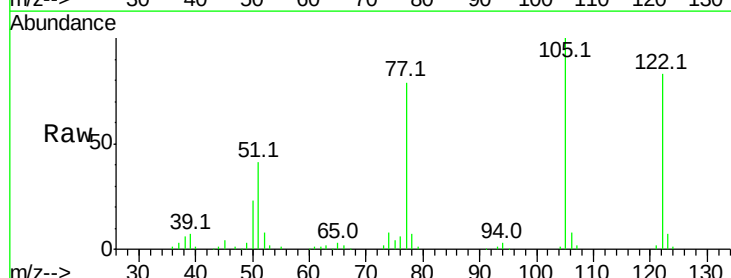
Tgt Ion:122 Resp: 267238

Ion Ratio Lower Upper

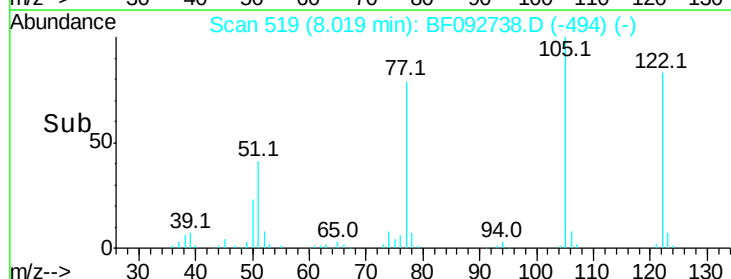
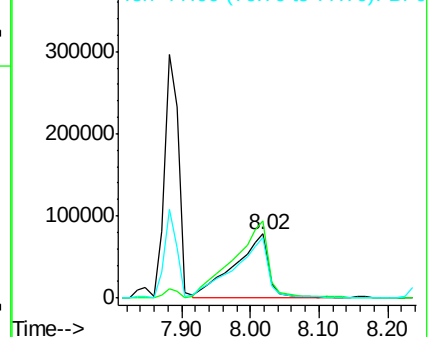
122 100

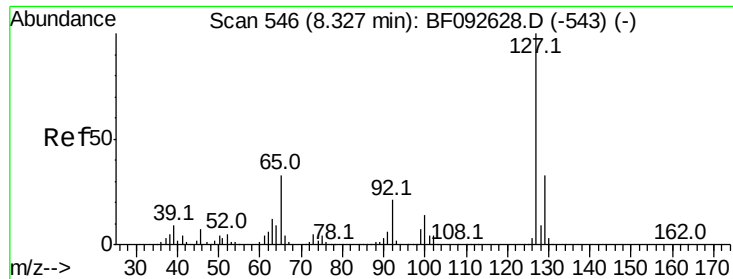
105 121.1 107.2 147.2

77 95.9 74.5 114.5



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





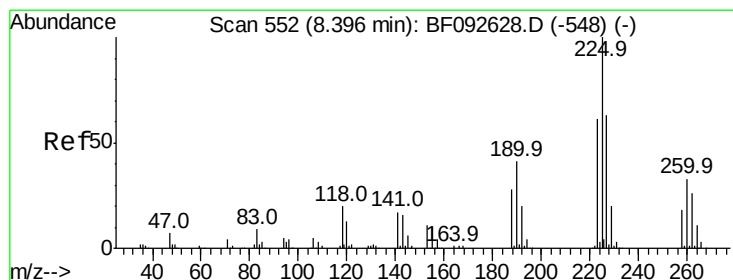
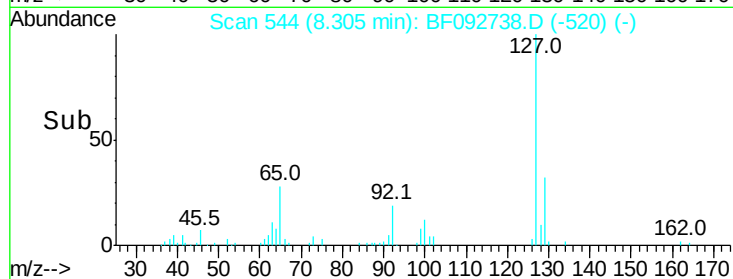
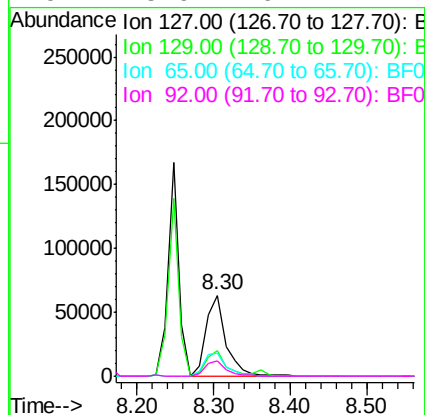
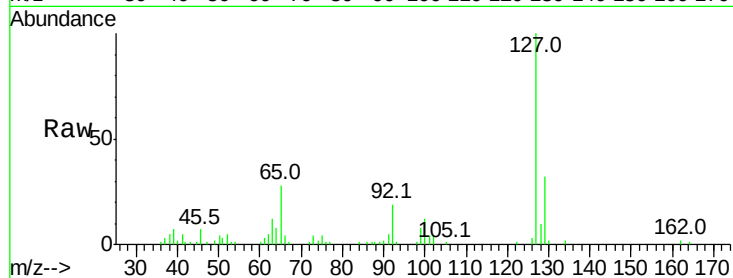
#33
4-Chloroaniline
Concen: 9.21 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB96670BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.3	39.5		
65	28.5	25.8	38.8		
92	18.9	16.1	24.1		

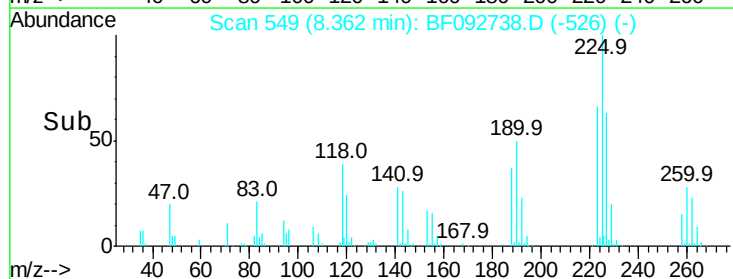
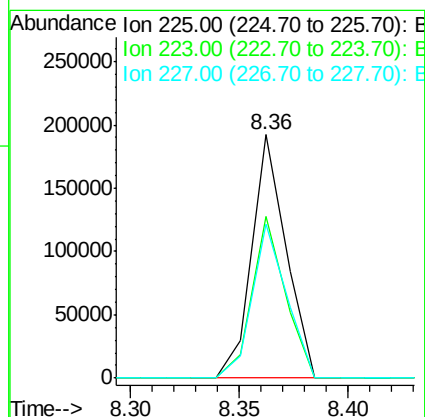
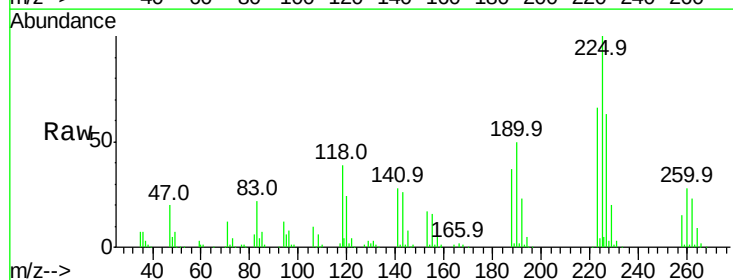
Manual Integrations
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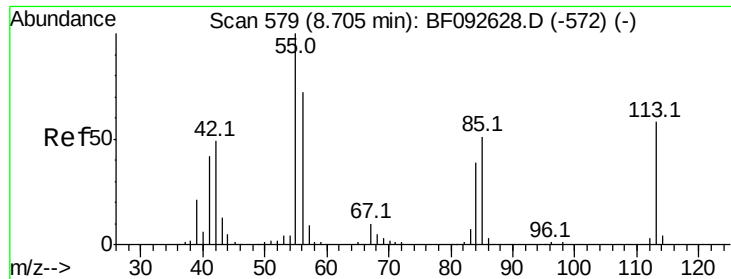
mohammad
2/3/2017 1:22:22 PM



#34
Hexachlorobutadiene
Concen: 39.43 ng
RT: 8.36 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	66.2	51.0	76.6		
227	63.5	50.6	76.0		





#35

Caprolactam

Concen: 50.73 ng/ml

RT: 8.68 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

ClientSampleID :

PB96670BS

Tot Ion:113 Resp: 143415

Ion Ratio Lower Upper

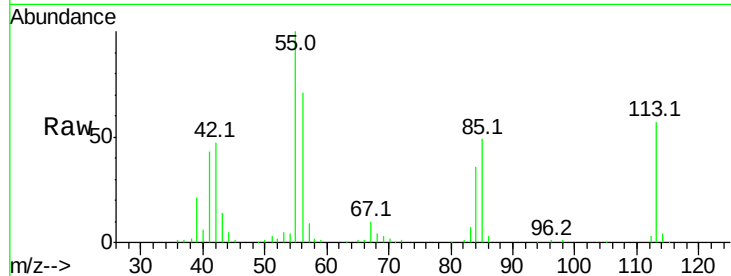
113 100

55 175.6 119.2 159.2#

56 124.8 83.8 123.8#

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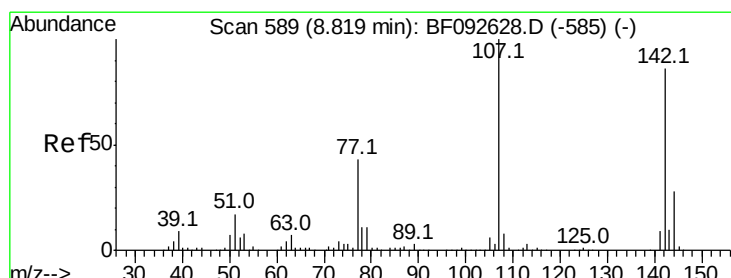
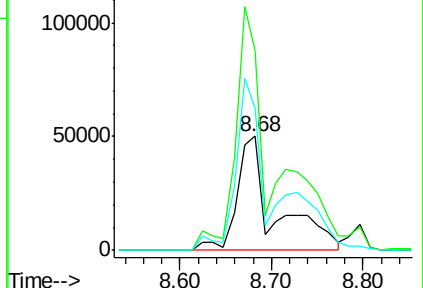
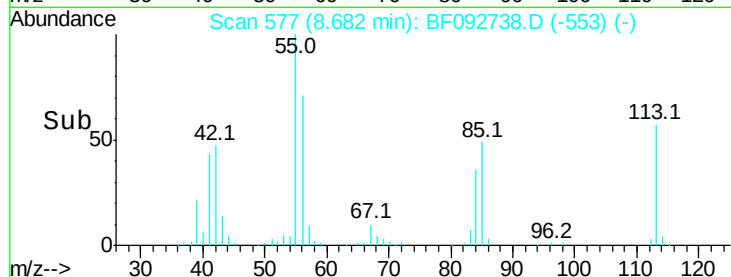
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 49.29 ng/ml

RT: 8.80 min Scan# 587

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

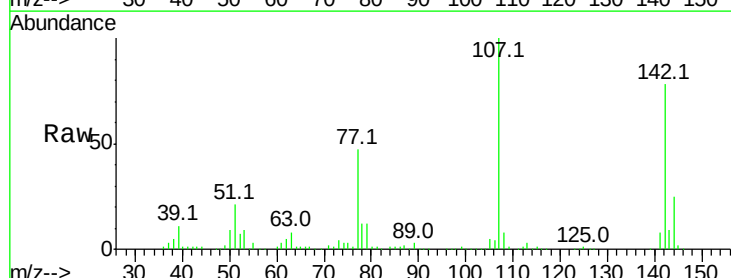
Tgt Ion:107 Resp: 461884

Ion Ratio Lower Upper

107 100

144 24.9 19.3 28.9

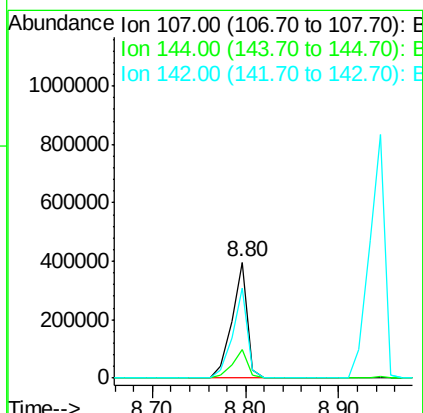
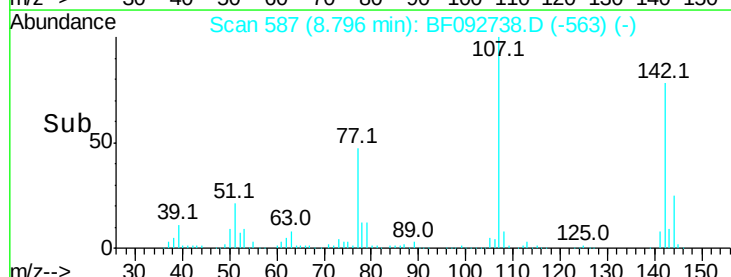
142 78.0 59.0 88.6

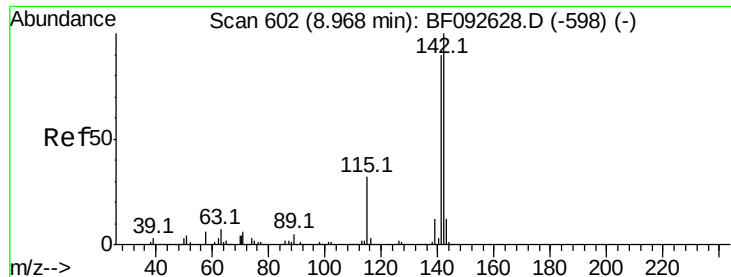


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.75 ng

RT: 8.94 min Scan# 600

Delta R.T. -0.02 min

Lab File: BF092738.D

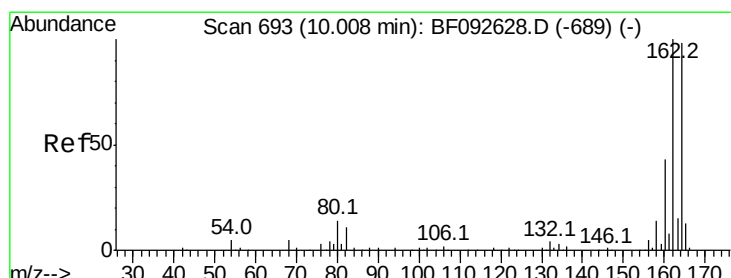
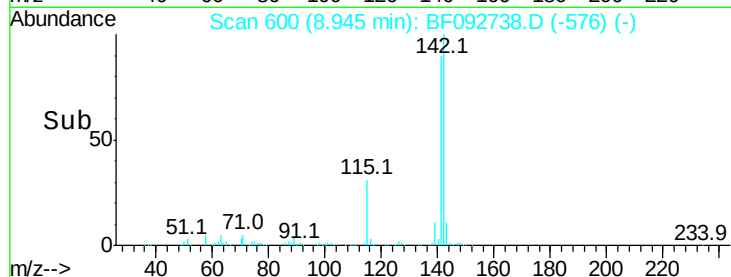
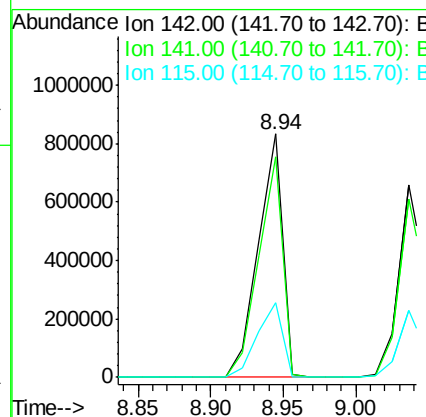
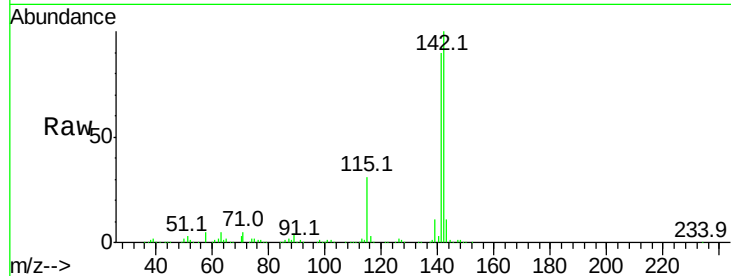
Acq: 2 Feb 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB96670BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.0	106.6
115	30.7	28.3	42.5

Manual Integrations
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#38

Acenaphthene-d10

Concen: 20.00 ng

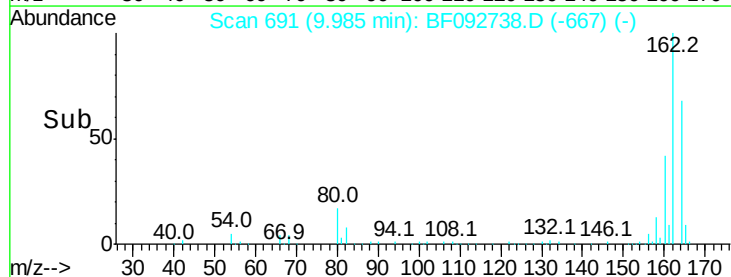
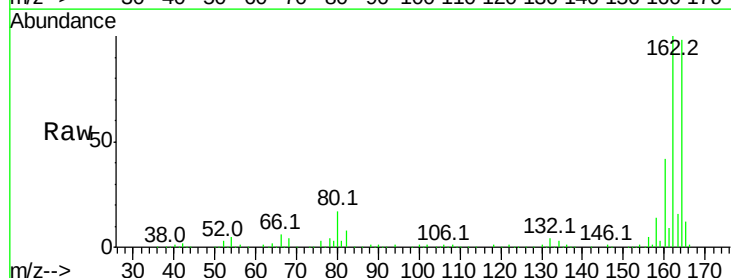
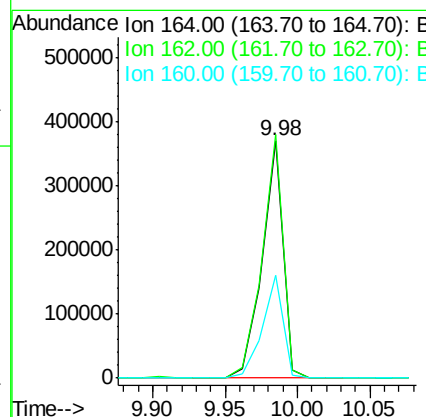
RT: 9.98 min Scan# 691

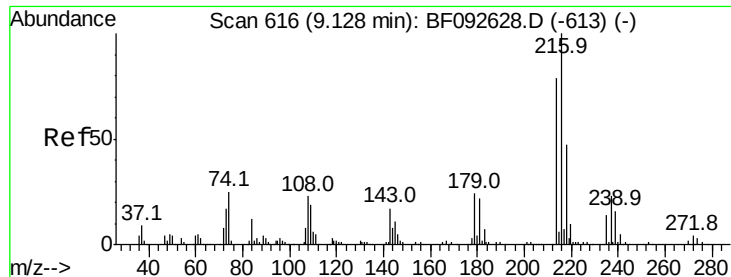
Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.2	120.2
160	43.4	36.9	55.3





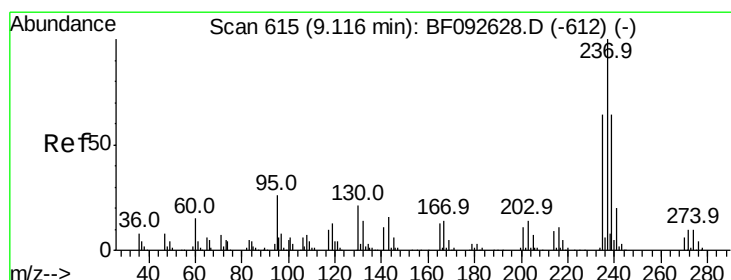
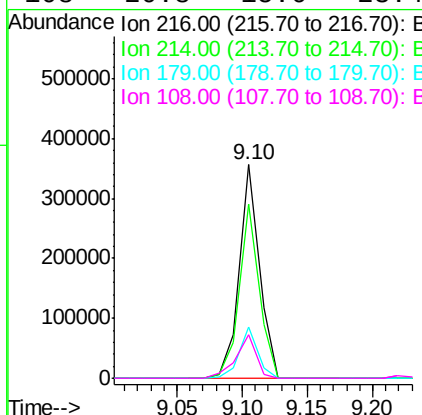
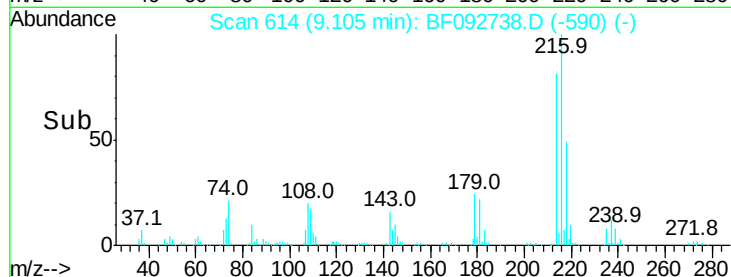
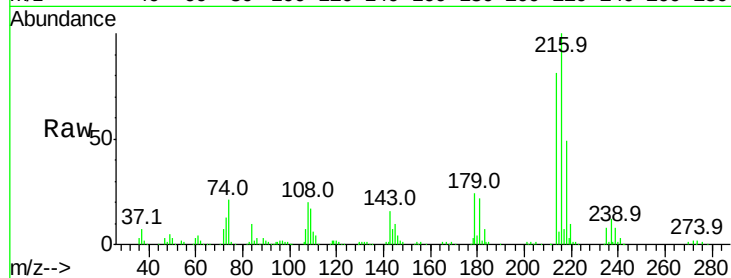
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.60 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB96670BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	379587		
214	80.4	63.4	95.0	
179	21.7	17.4	26.2	
108	20.8	15.6	23.4	

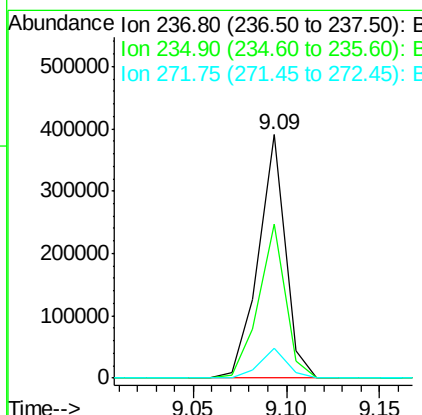
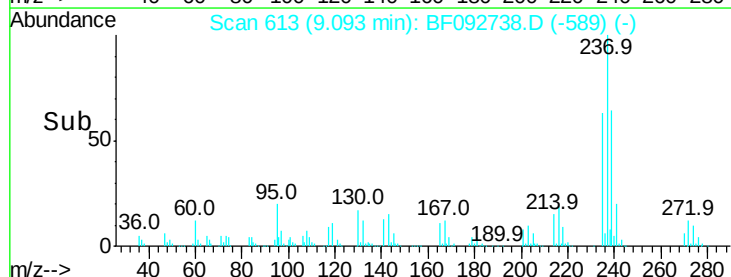
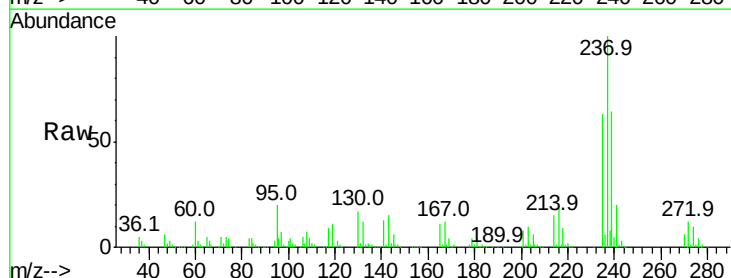
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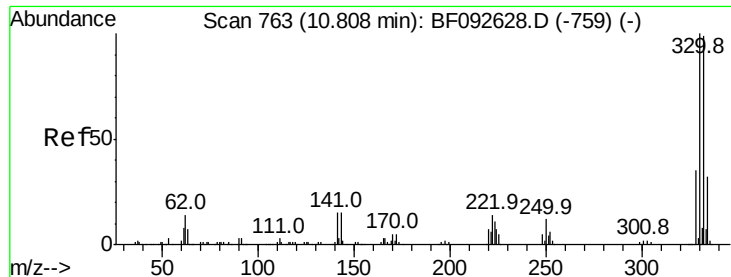
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 83.47 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.02 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	390597		
235	63.2	41.2	81.2	
272	12.3	0.0	35.4	





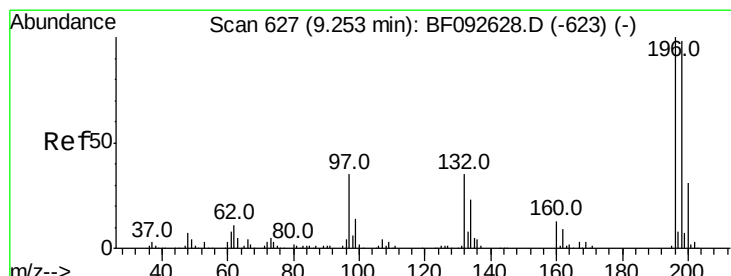
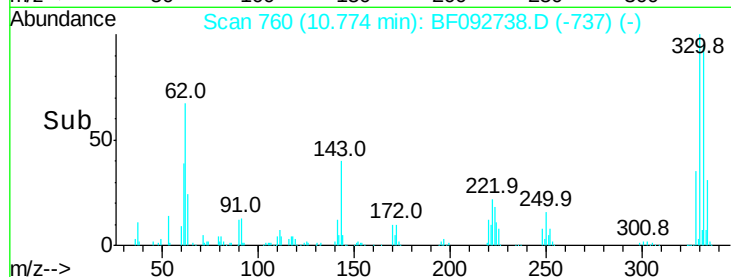
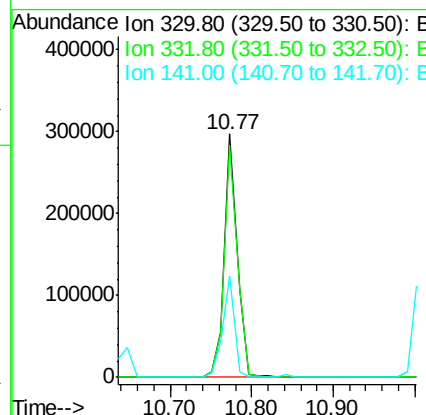
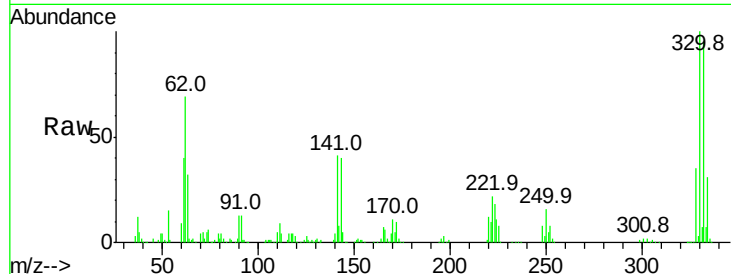
#41
 2,4,6-Tribromophenol
 Concen: 121.97 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.03 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB96670BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	325960		
332	96.8	77.4	116.2	
141	37.8	34.1	51.1	

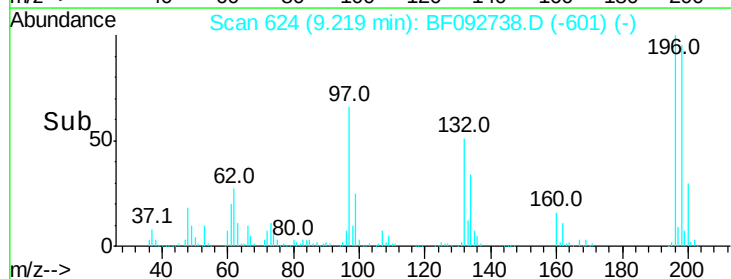
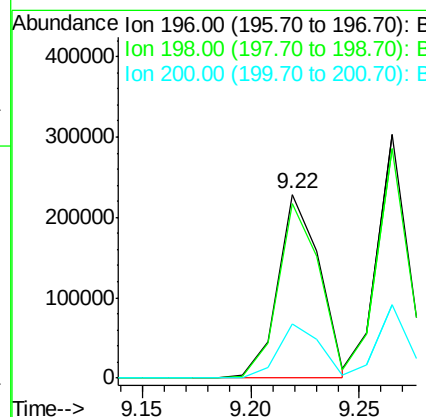
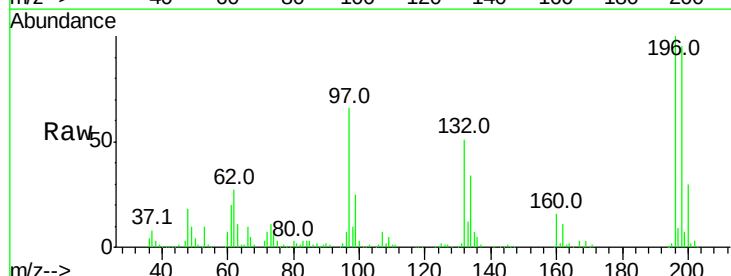
Manual Integrations
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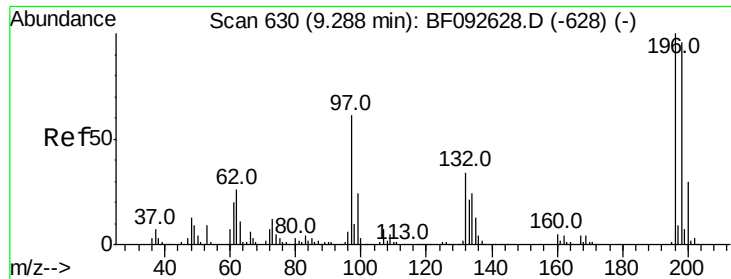
mohammad
 2/3/2017 1:22:22 PM



#42
 2,4,6-Trichlorophenol
 Concen: 44.89 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.03 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	305934		
198	95.1	82.1	123.1	
200	29.8	27.0	40.4	





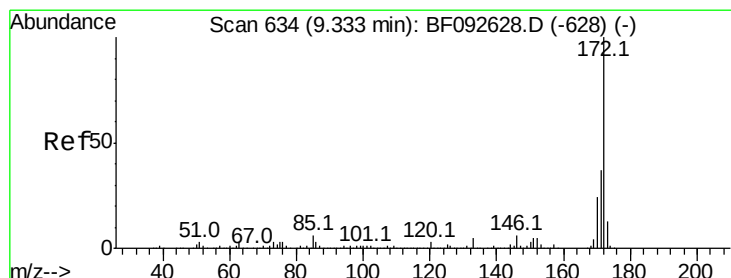
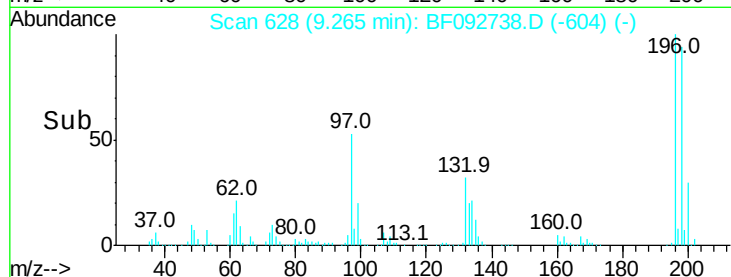
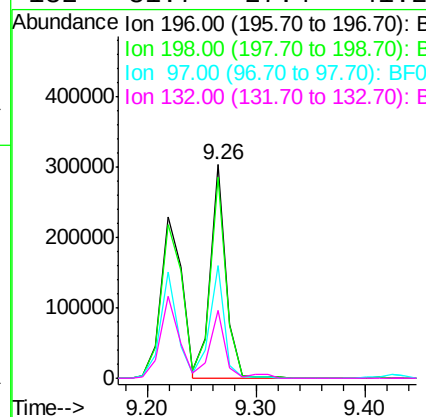
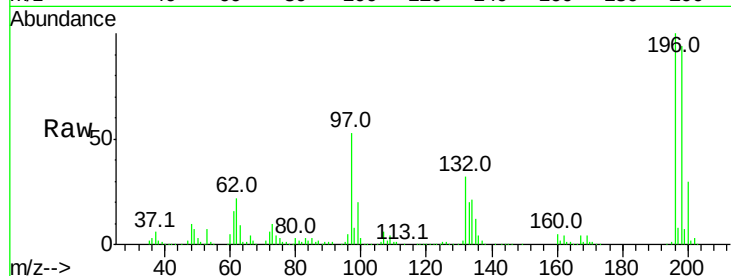
#43
 2,4,5-Trichlorophenol
 Concen: 40.89 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB96670BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		305340		
198	94.1	79.4	119.2		
97	52.8	51.5	77.3		
132	31.7	27.4	41.2		

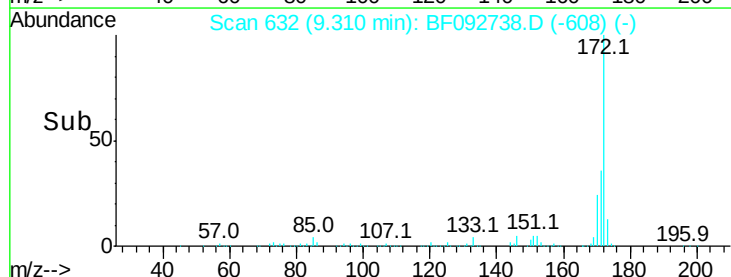
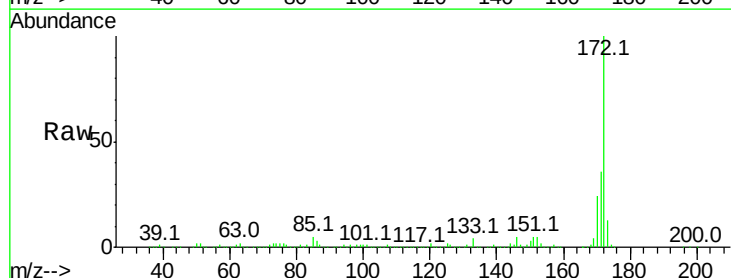
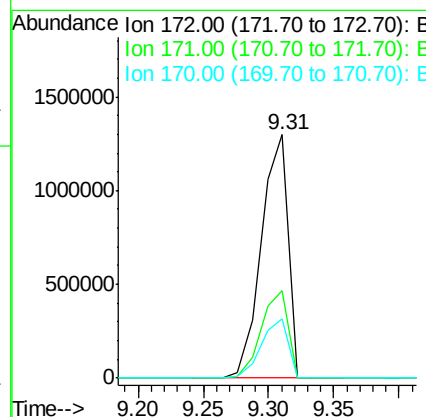
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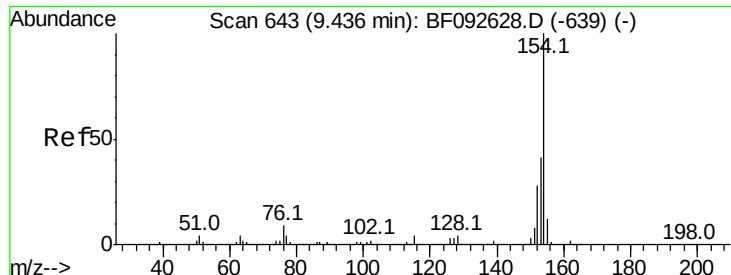
mohammad
 2/3/2017 1:22:22 PM



#44
 2-Fluorobiphenyl
 Concen: 91.21 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1860290		
171	36.1	29.4	44.0		
170	24.3	20.2	30.4		





#45

1,1'-Biphenyl

Concen: 38.46 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

ClientSampleId :

PB96670BS

Tot Ion:154 Resp: 1028950

Ion Ratio Lower Upper

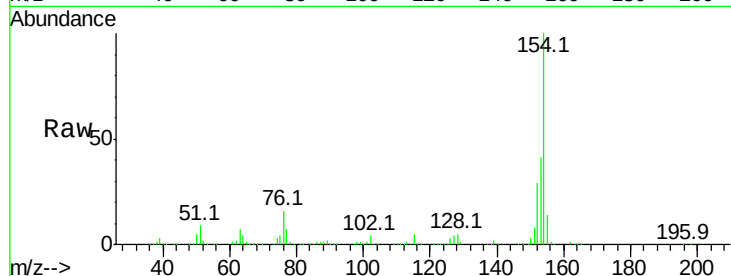
154 100

153 41.5 20.9 60.9

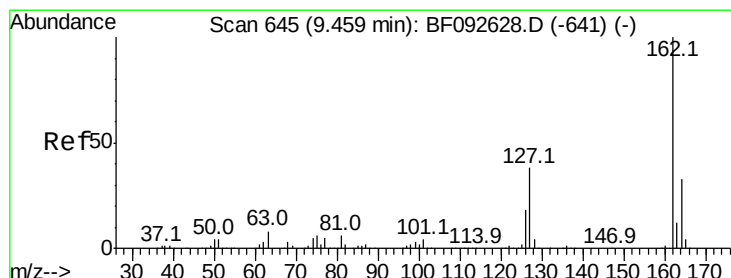
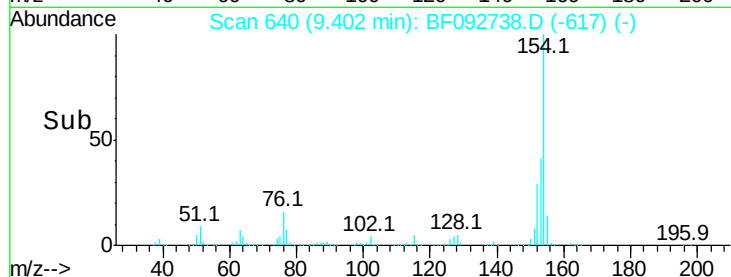
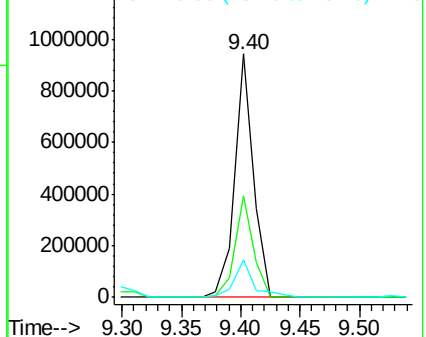
76 15.5 0.0 30.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 43.09 ng

RT: 9.44 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

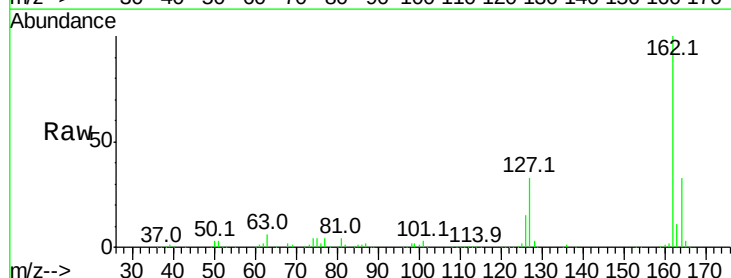
Tgt Ion:162 Resp: 901837

Ion Ratio Lower Upper

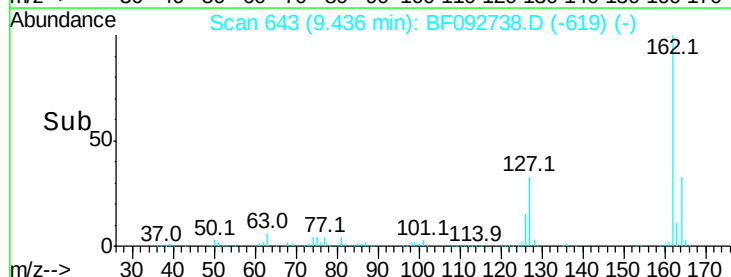
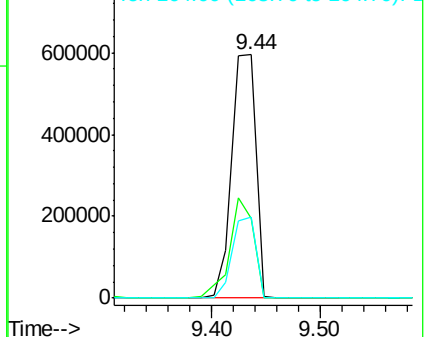
162 100

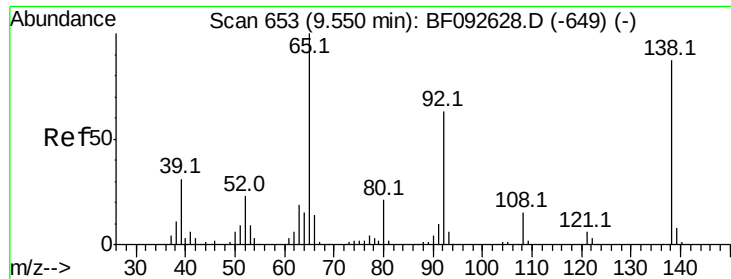
127 32.8 30.7 46.1

164 33.3 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





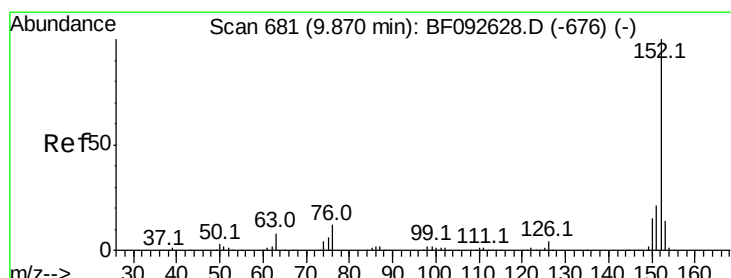
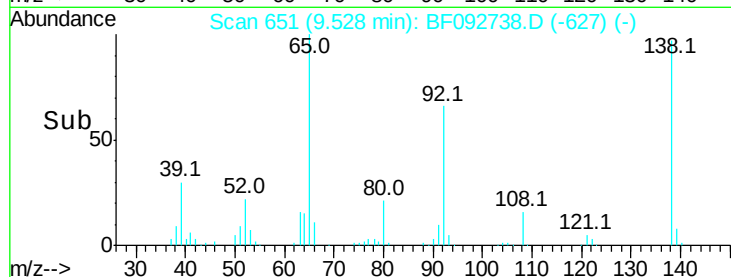
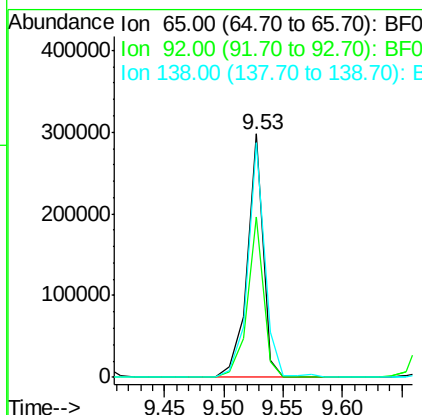
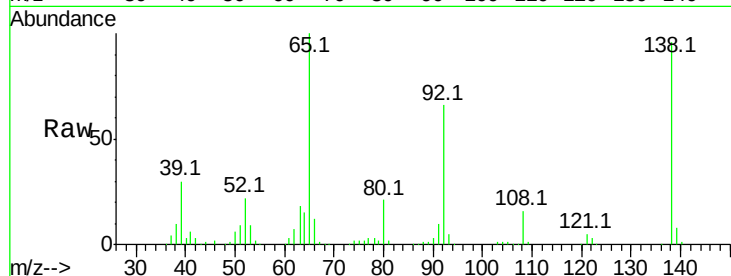
#47
2-Nitroaniline
Concen: 39.76 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB96670BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.1	53.9	80.9
138	96.4	76.8	115.2

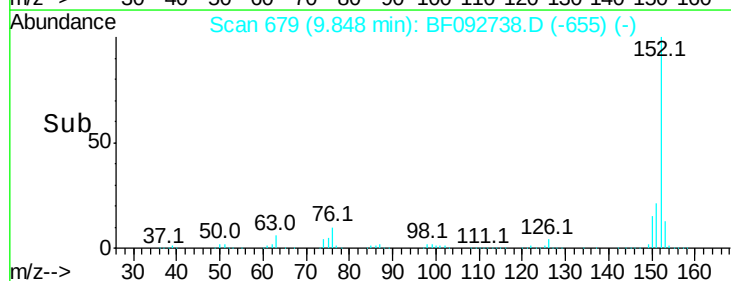
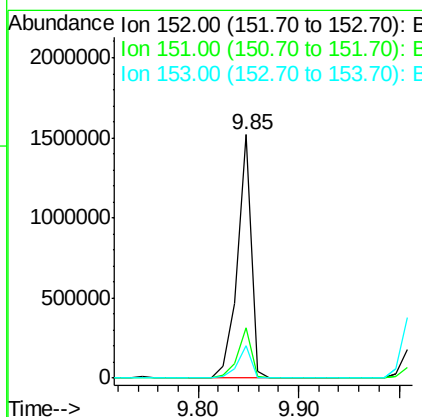
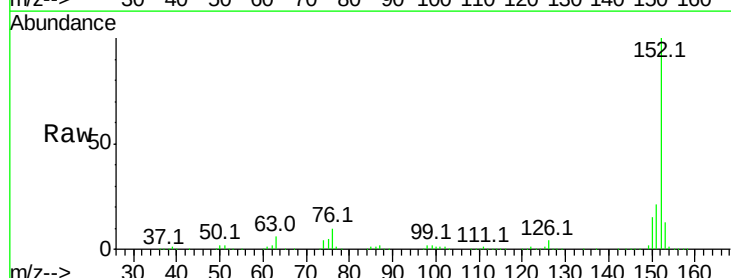
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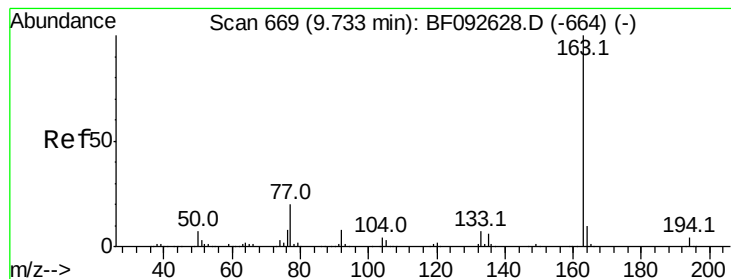
mohammad
2/3/2017 1:22:22 PM



#48
Acenaphthylene
Concen: 40.14 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.4	11.4	17.2





#49

Dimethylphthalate

Concen: 44.92 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

ClientSampled :

PB96670BS

Tot Ion:163 Resp: 1117956

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

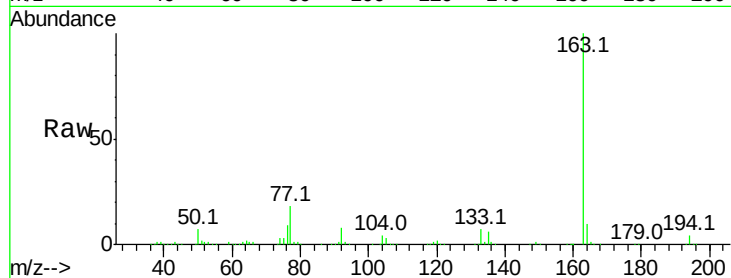
164 10.1 8.0 12.0

Manual Integrations

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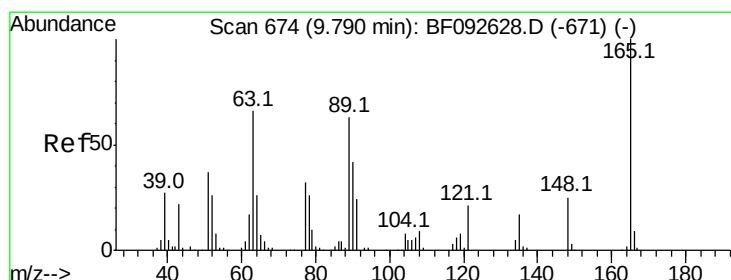
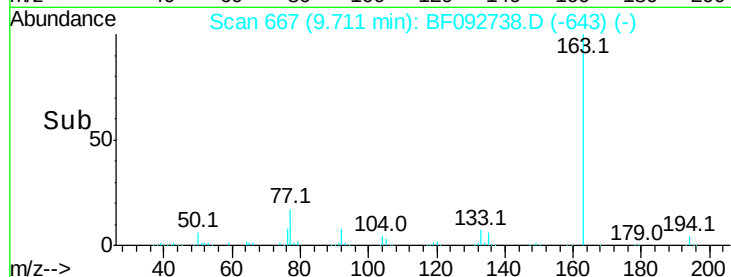
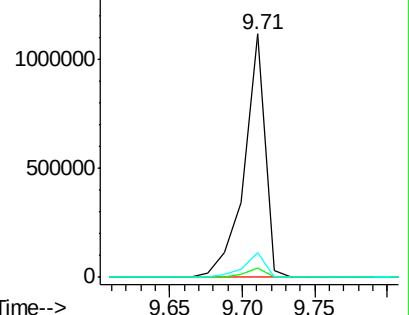
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.49 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

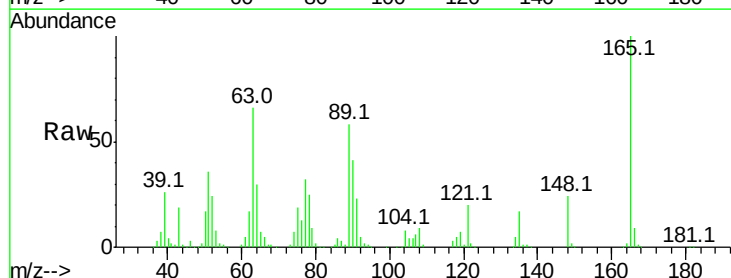
Tgt Ion:165 Resp: 217635

Ion Ratio Lower Upper

165 100

63 65.6 36.2 54.4#

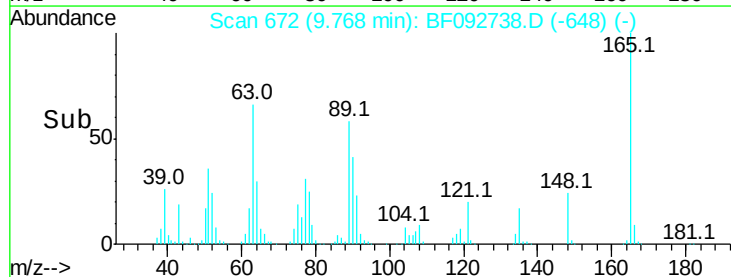
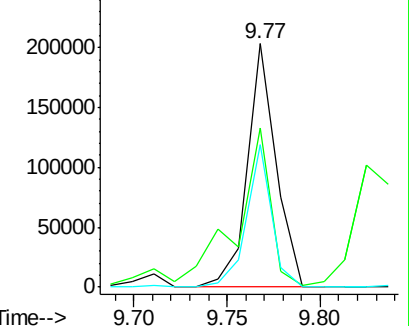
89 58.4 40.2 60.4

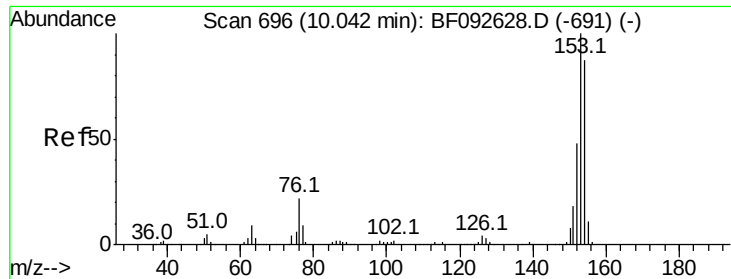


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 46.63 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

ClientSampleId :

PB96670BS

Tot Ion:154 Resp: 1008073

Ion Ratio Lower Upper

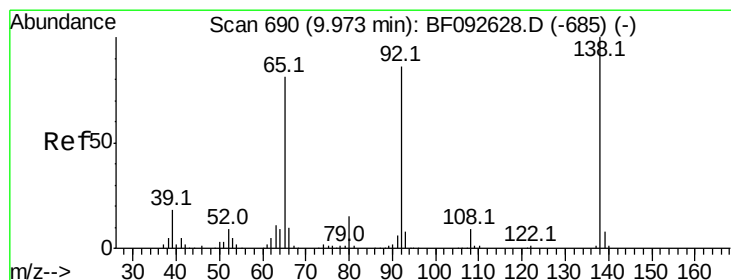
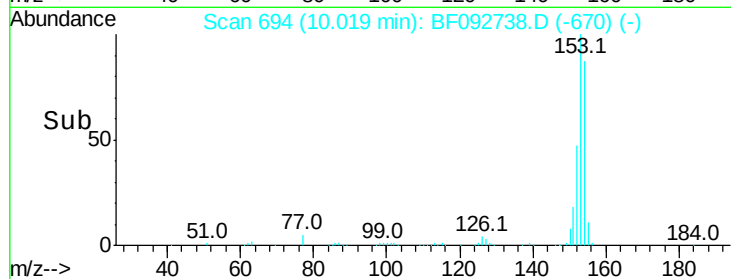
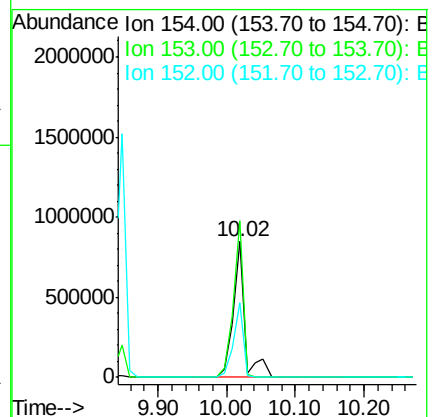
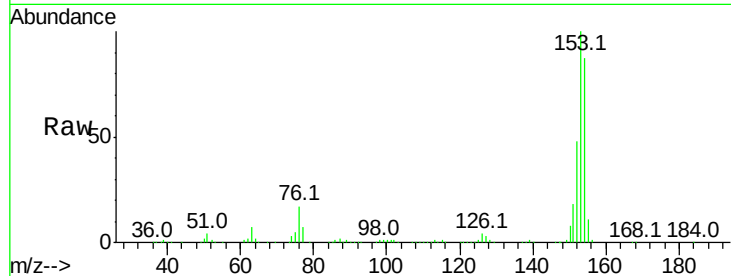
154 100

153 114.9 88.6 133.0

152 55.3 41.6 62.4

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#52

3-Nitroaniline

Concen: 17.29 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

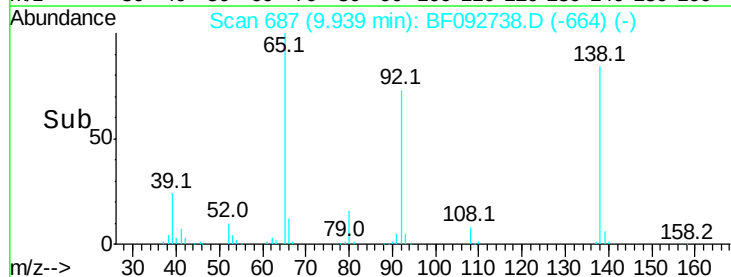
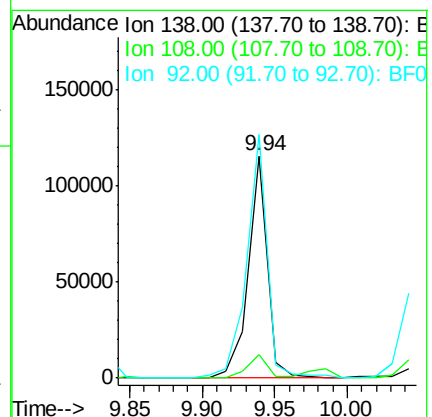
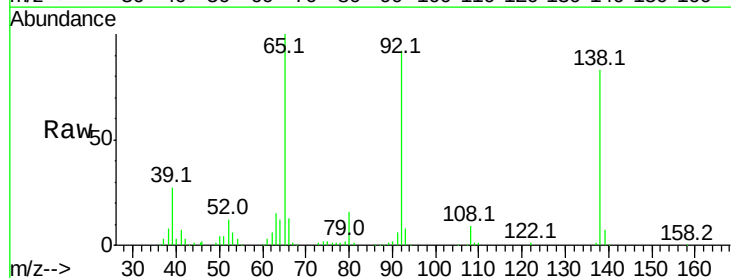
Tgt Ion:138 Resp: 106366

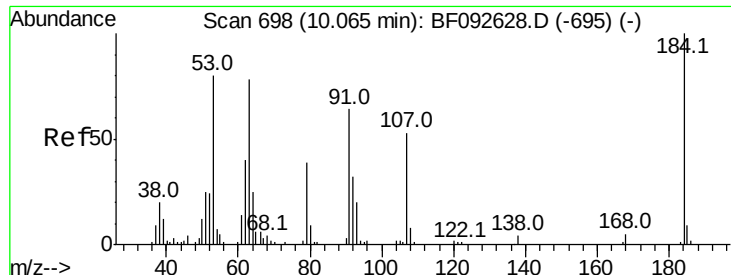
Ion Ratio Lower Upper

138 100

108 10.8 8.5 12.7

92 109.7 97.8 146.8





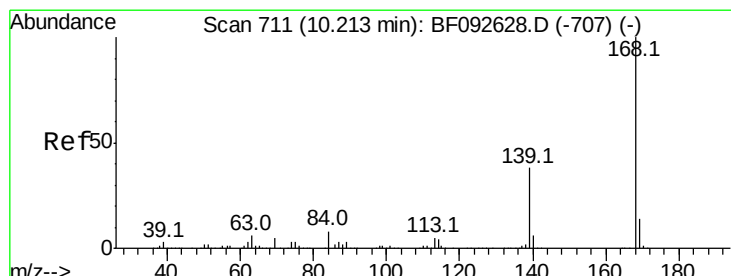
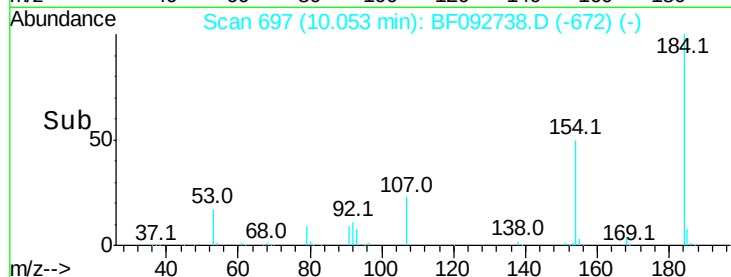
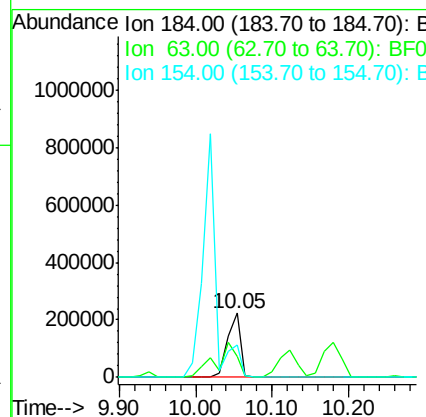
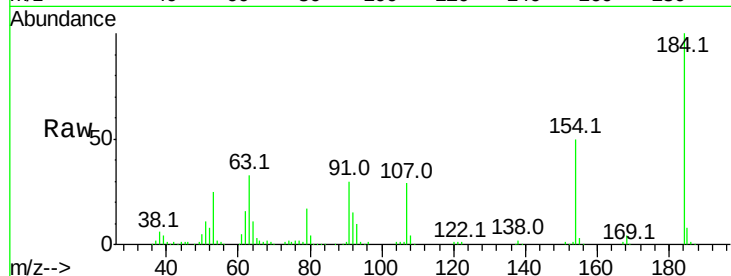
#53
 2,4-Dinitrophenol
 Concen: 100.87 ng
 RT: 10.05 min Scan# 697
 Delta R.T. -0.01 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Instrument :
 BNA_F
 ClientSampled :
 PB96670BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	279394		
63	32.9	28.4	42.6	
154	50.1	44.3	66.5	

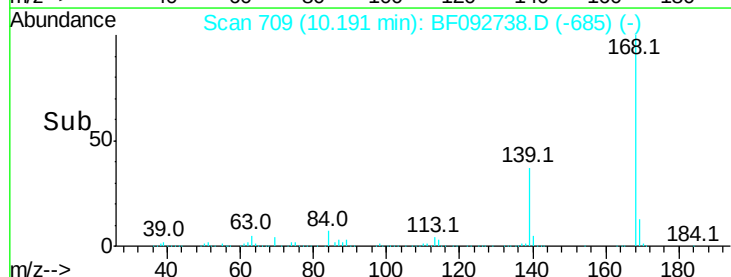
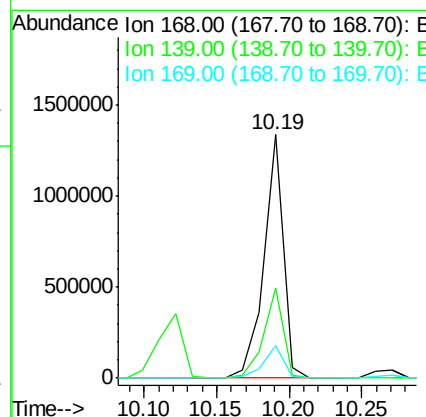
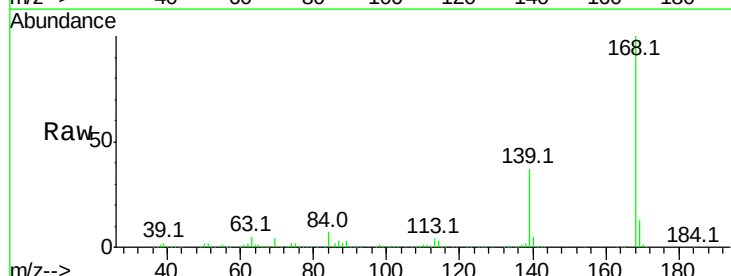
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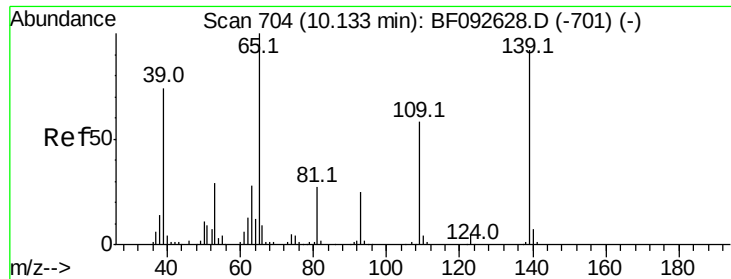
mohammad
 2/3/2017 1:22:22 PM



#54
 Dibenzofuran
 Concen: 42.95 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1241772		
139	36.9	32.6	49.0	
169	13.5	11.3	16.9	





#55

4-Nitrophenol

Concen: 97.53 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

ClientSampleId :

PB96670BS

Tot Ion:139 Resp: 432089

Ion Ratio Lower Upper

139 100

109 57.0 52.2 92.2

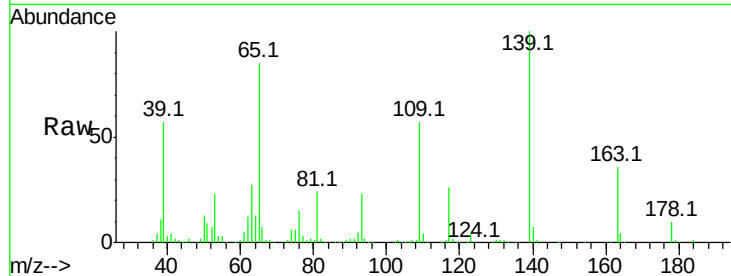
65 85.1 85.8 125.8#

Manual Integrations

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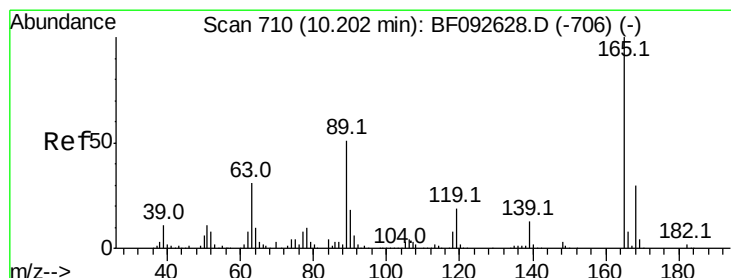
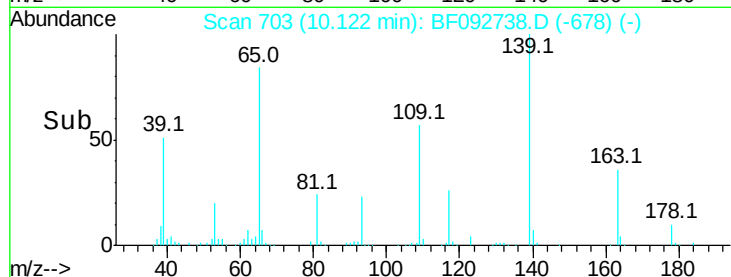
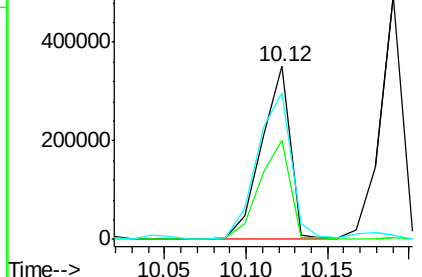
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Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.84 ng

RT: 10.18 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Tgt Ion:165 Resp: 349443

Ion Ratio Lower Upper

165 100

63 37.8 40.2 60.4#

89 56.4 62.5 93.7#

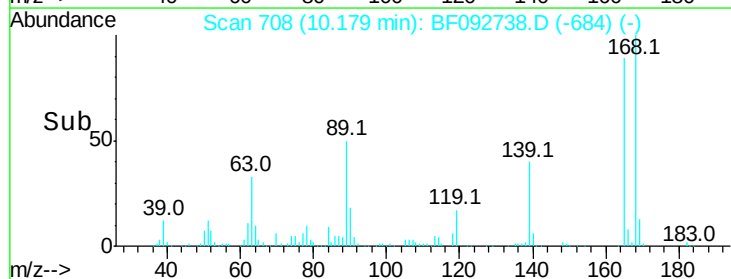
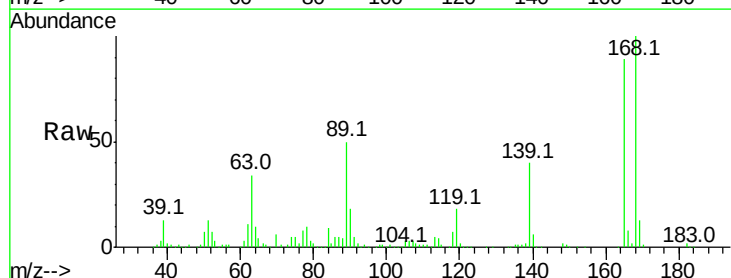
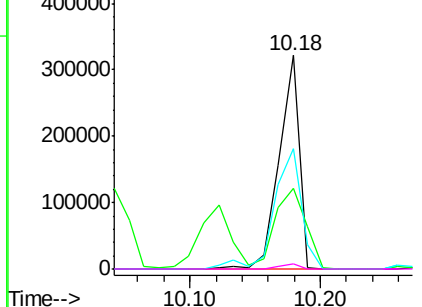
182 2.6 1.8 2.8

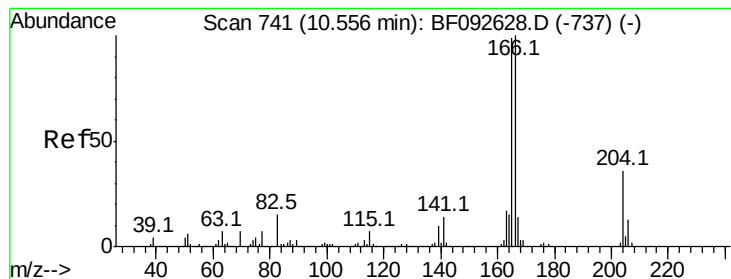
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 45.10 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

ClientSampleId :

PB96670BS

Tot Ion:166 Resp: 1003265

Ion Ratio Lower Upper

166 100

165 98.2 77.8 116.8

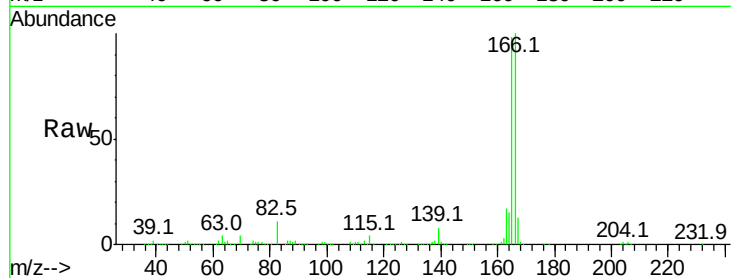
167 13.4 10.8 16.2

Manual Integrations

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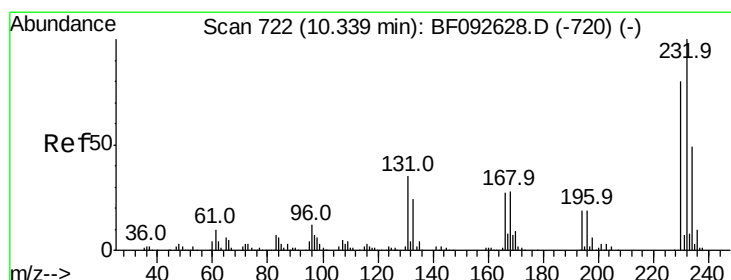
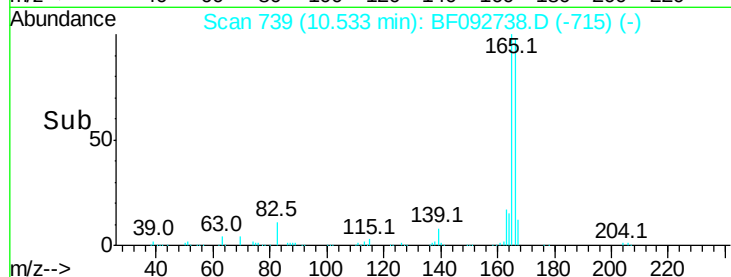
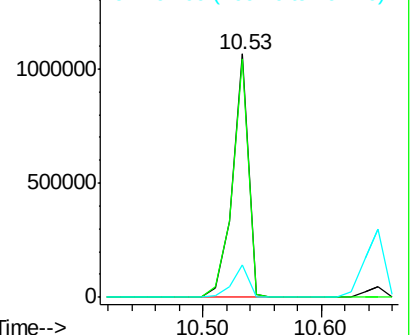
2/3/2017 1:22:22 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.51 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Tgt Ion:232 Resp: 236688

Ion Ratio Lower Upper

232 100

131 46.1 40.1 60.1

130 2.2 1.8 2.8

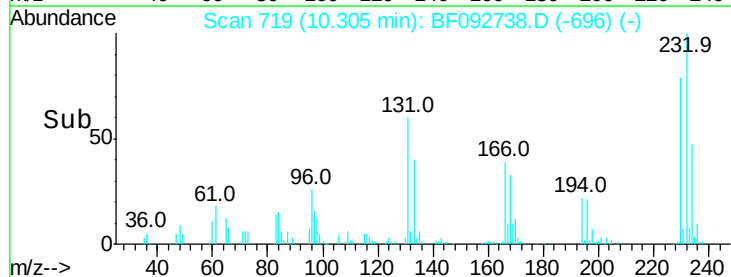
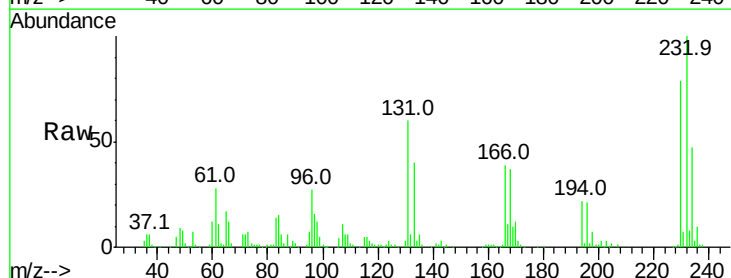
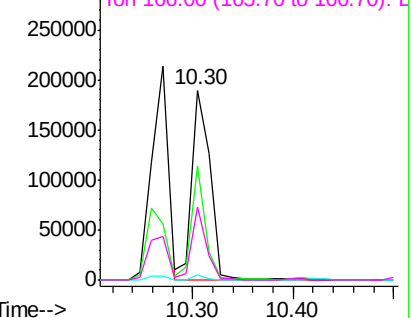
166 30.8 26.6 39.8

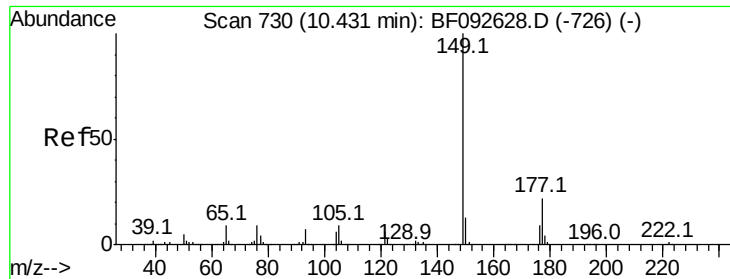
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





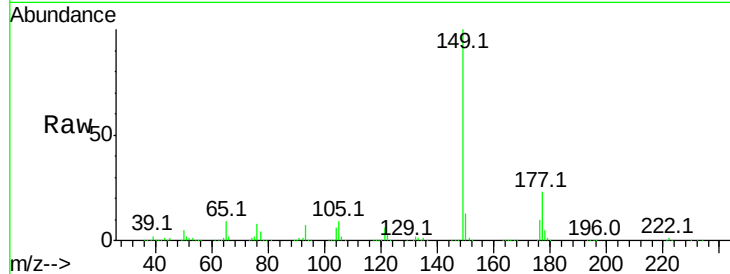
#59
Diethylphthalate
Concen: 45.18 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Instrument :
BNA_F
ClientSampled :
PB96670BS

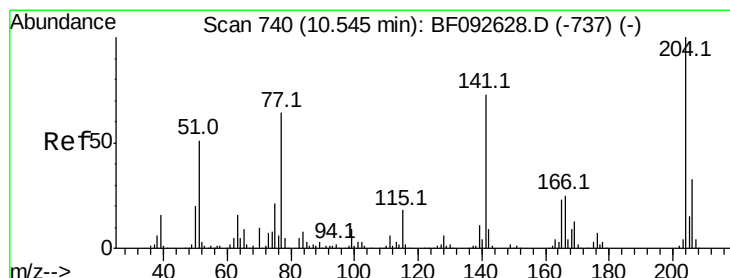
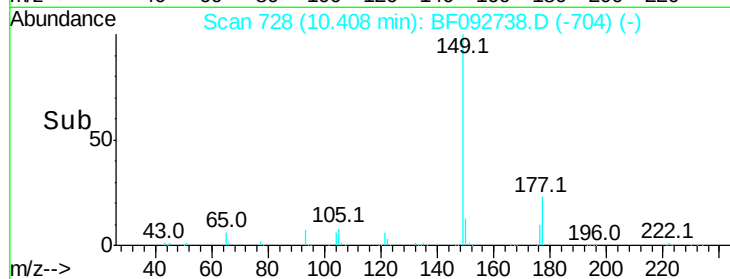
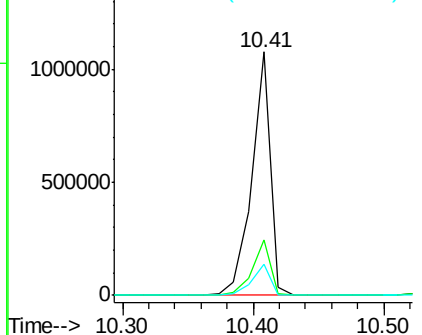
Tot Ion:149 Resp: 1059684
Ion Ratio Lower Upper
149 100
177 23.0 16.6 25.0
150 12.7 10.4 15.6

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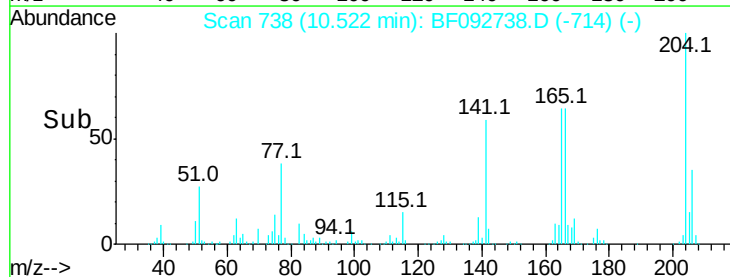
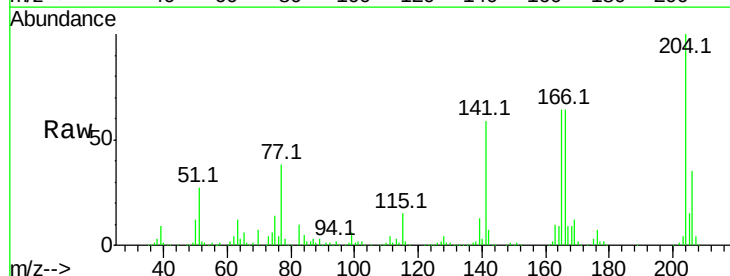
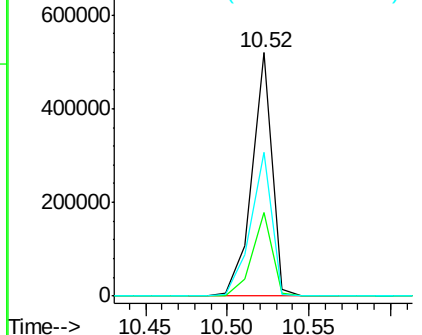
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

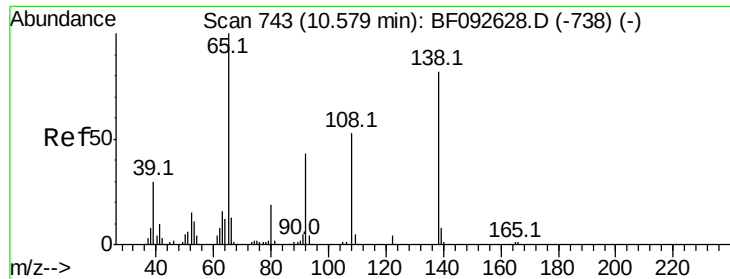


#60
4-Chlorophenyl-phenylether
Concen: 41.64 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Tgt Ion:204 Resp: 444985
Ion Ratio Lower Upper
204 100
206 34.5 25.8 38.6
141 59.0 59.4 89.0#

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





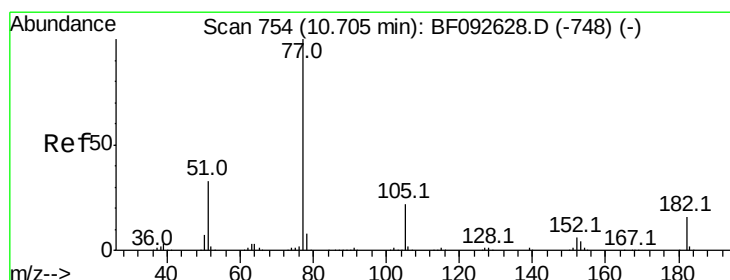
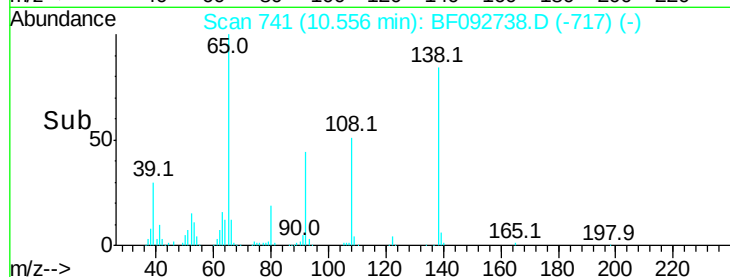
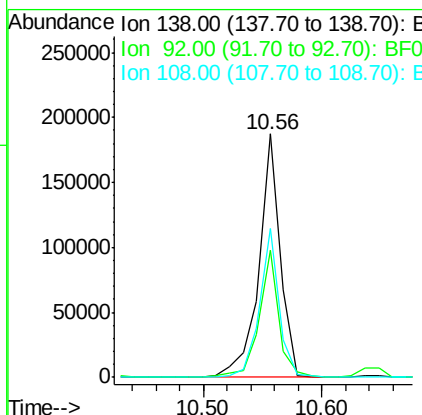
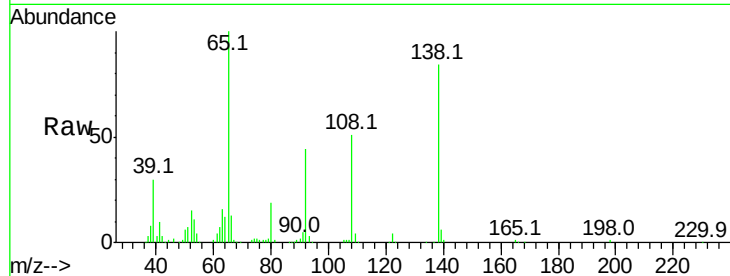
#61
4-Nitroaniline
Concen: 37.55 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB96670BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.7	71.7
108	61.1	52.6	92.6

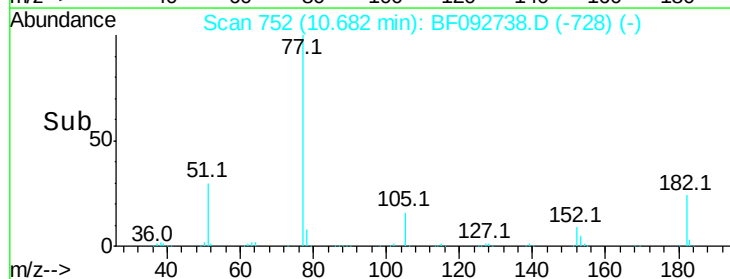
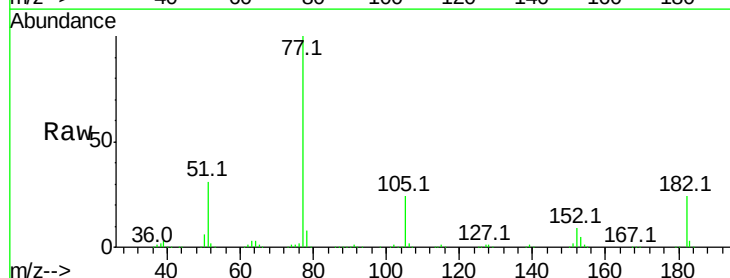
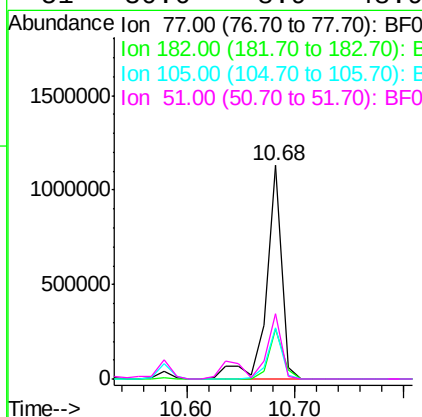
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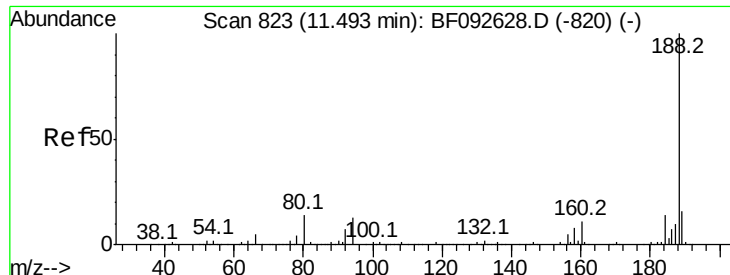
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#62
Azobenzene
Concen: 46.31 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	0.0	39.3
105	23.9	2.3	42.3
51	30.6	8.9	48.9





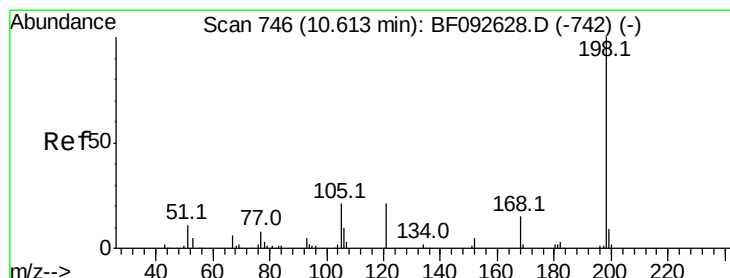
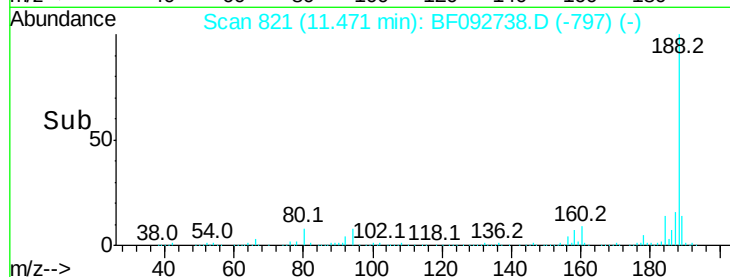
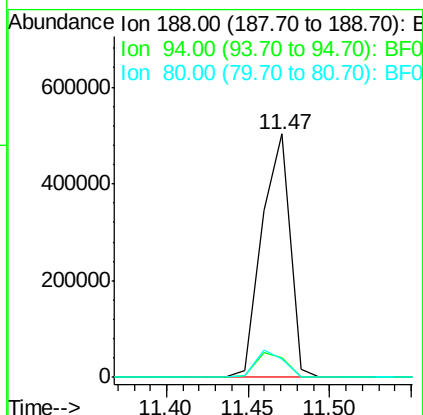
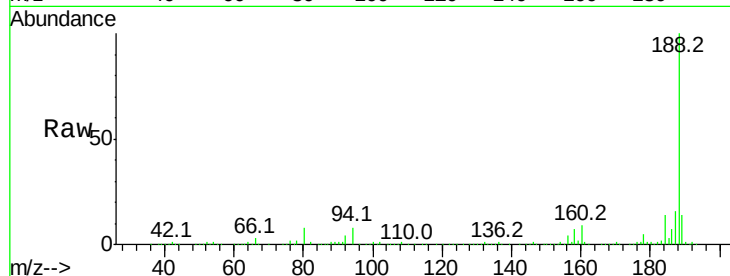
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 821
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB96670BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	602765		
94	7.8	10.0	15.0#	
80	7.7	11.2	16.8#	

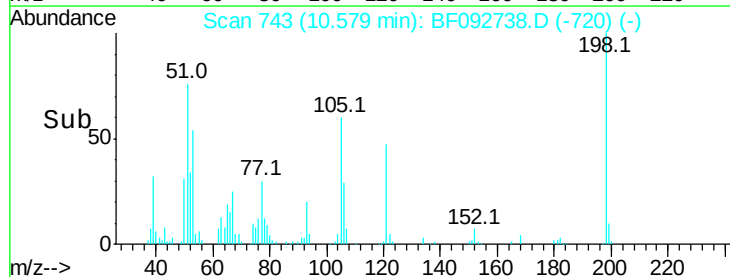
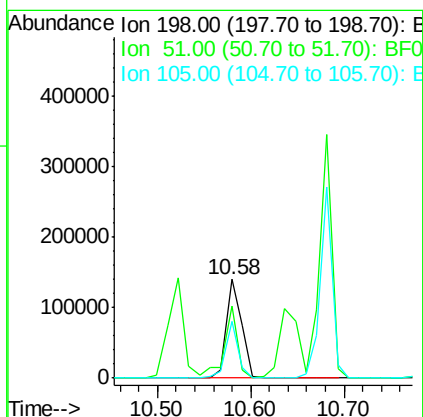
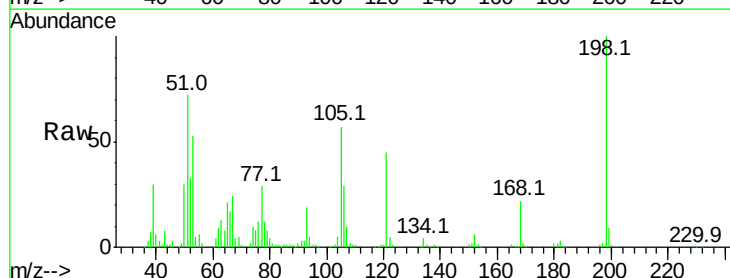
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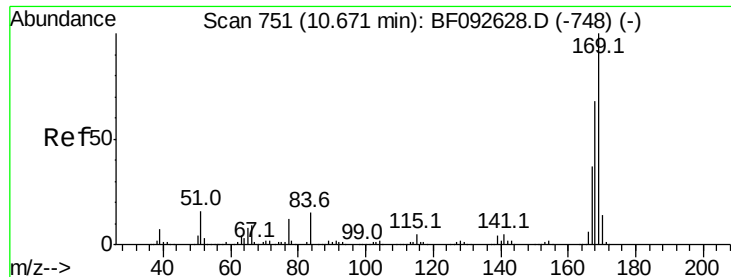
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#64
4,6-Dinitro-2-methylphenol
Concen: 44.02 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	160655		
51	72.4	6.7	46.7#	
105	56.9	16.6	56.6#	





#65

n-Nitrosodiphenylamine

Concen: 46.68 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

ClientSampled :

PB96670BS

Tot Ion:169 Resp: 898748

Ion Ratio Lower Upper

169 100

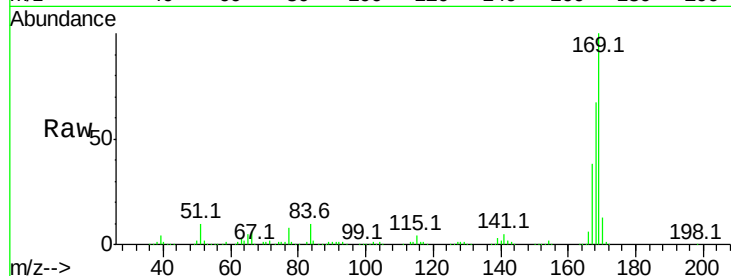
168 67.2 54.2 81.2

167 37.7 30.2 45.4

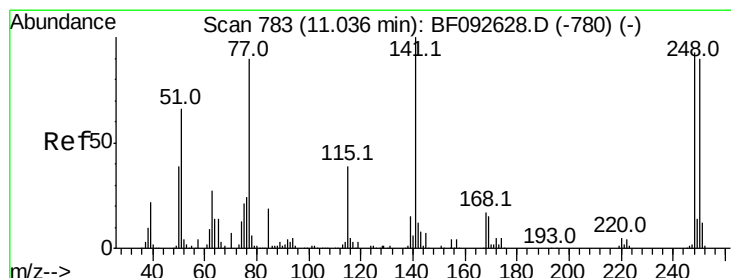
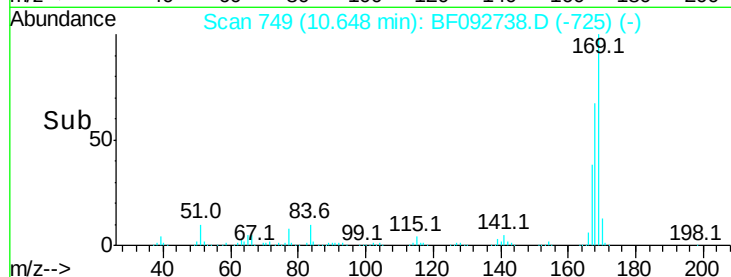
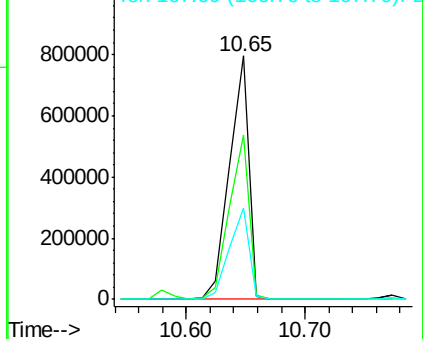
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 45.54 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

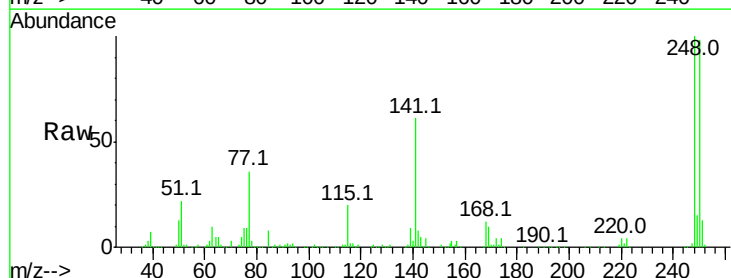
Tgt Ion:248 Resp: 286782

Ion Ratio Lower Upper

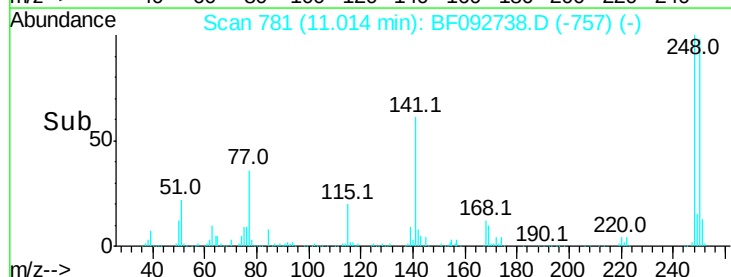
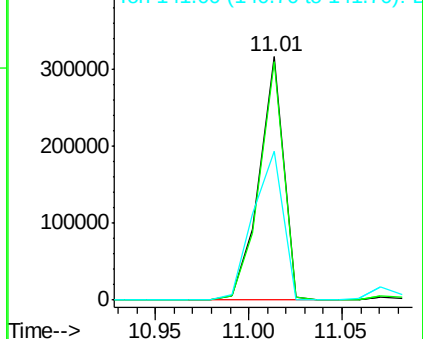
248 100

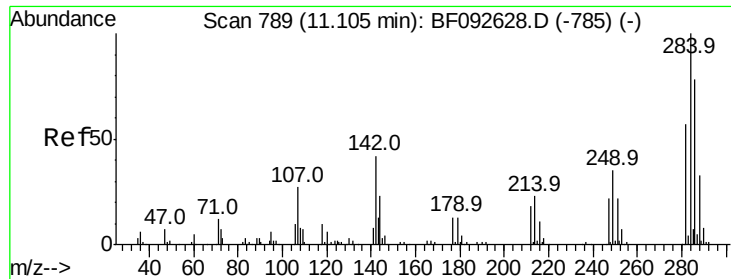
250 97.8 76.9 115.3

141 61.0 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.85 ng

RT: 11.08 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

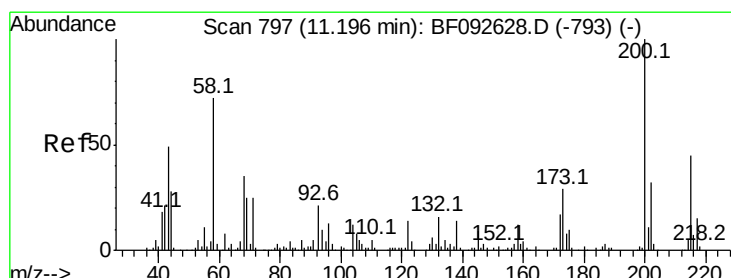
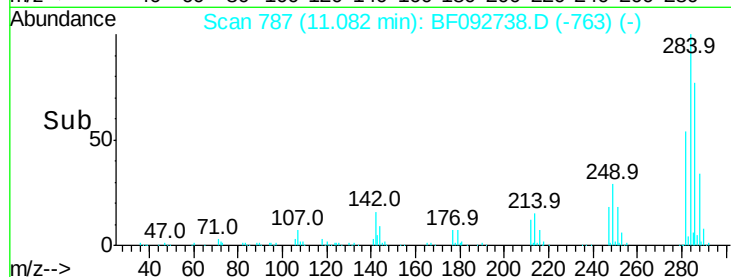
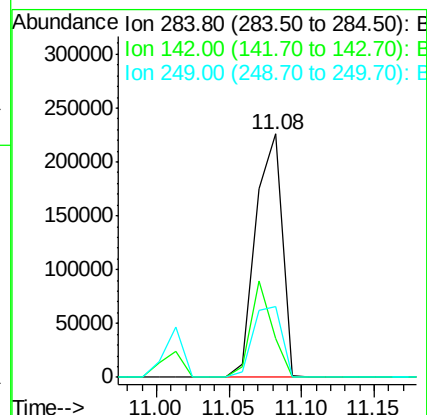
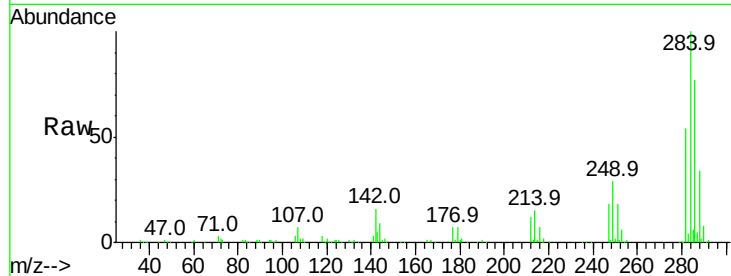
ClientSampleId :

PB96670BS

Tot Ion:	284	Resp:	285319
Ion Ratio	Lower	Upper	
284	100		
142	15.9	22.6	33.8#
249	29.1	25.4	38.0

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#68

Atrazine

Concen: 48.84 ng

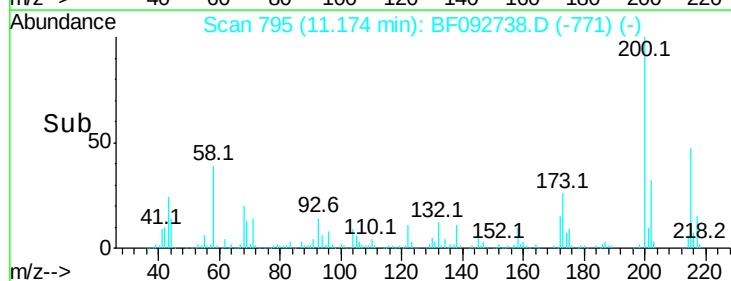
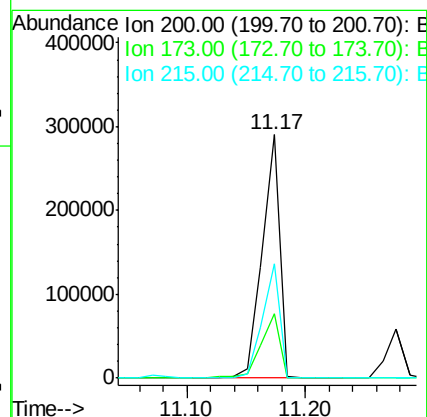
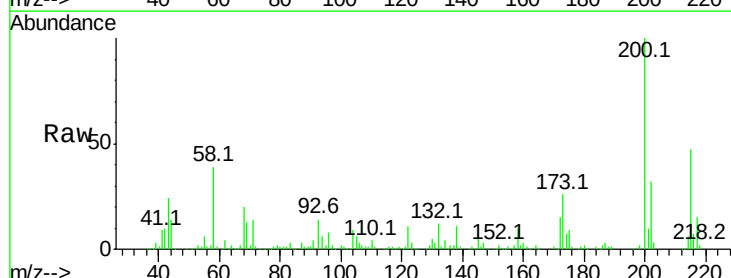
RT: 11.17 min Scan# 795

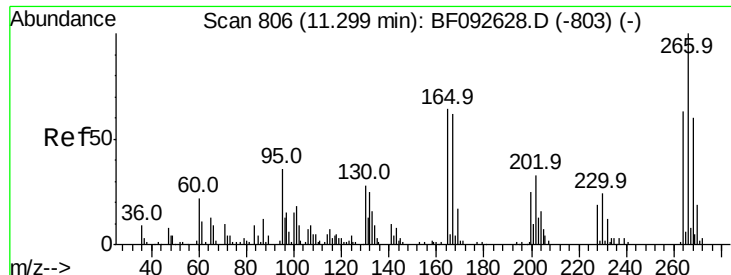
Delta R.T. -0.02 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Tgt Ion:	200	Resp:	301827
Ion Ratio	Lower	Upper	
200	100		
173	26.3	9.6	49.6
215	47.1	25.7	65.7





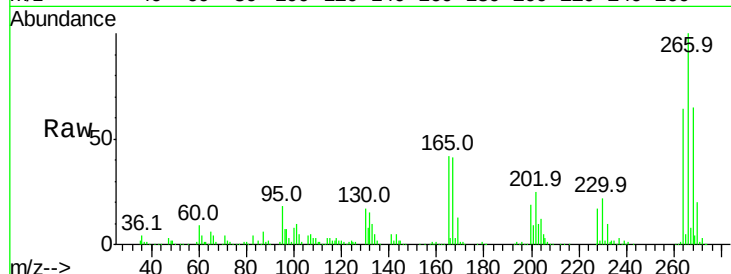
#69
 Pentachlorophenol
 Concen: 89.28 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.02 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB96670BS

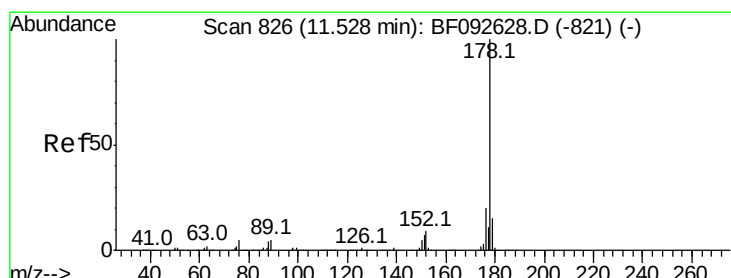
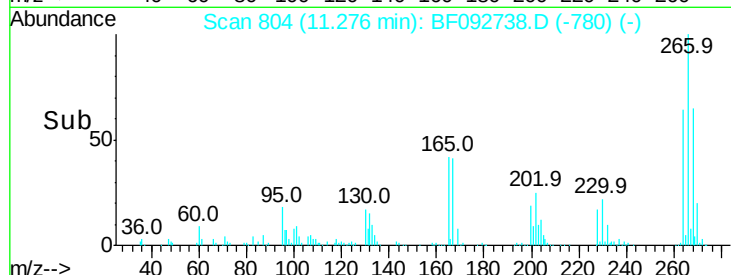
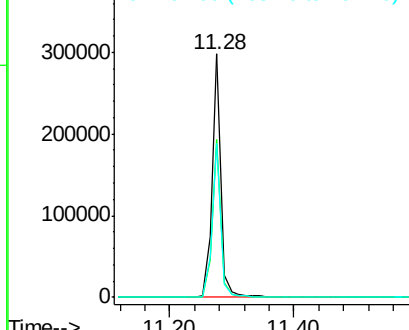
Tot Ion	Ratio	Resp	Lower	Upper
266	100	289763		
268	64.6	53.3	79.9	
264	63.5	50.3	75.5	

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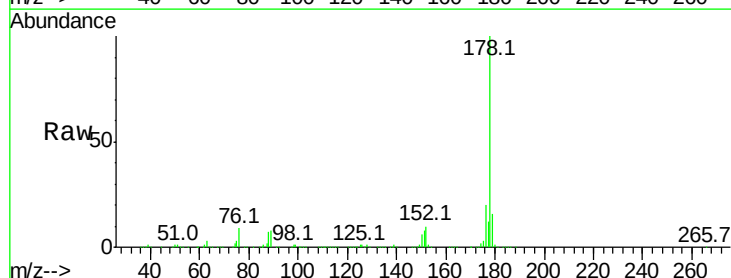


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

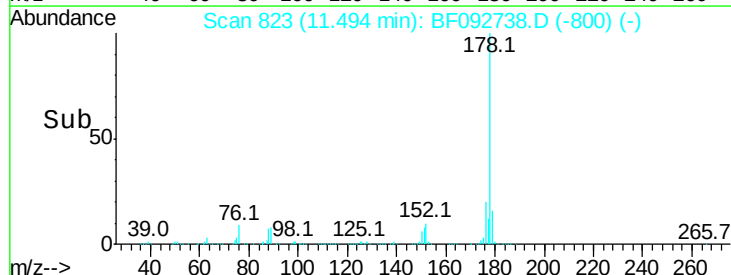
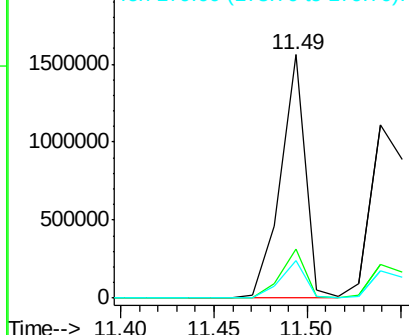


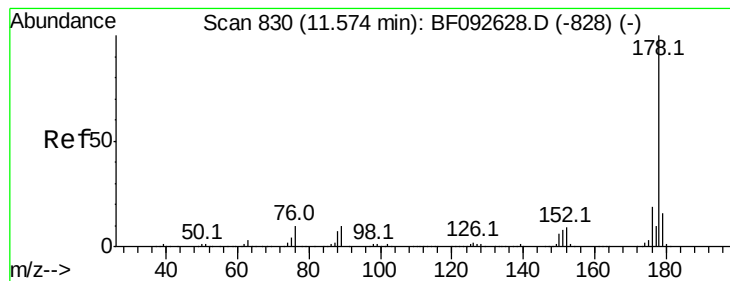
#70
 Phenanthrene
 Concen: 41.92 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.03 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1447568		
176	20.0	16.6	25.0	
179	15.5	12.8	19.2	



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: 41.74 ng

RT: 11.54 min Scan# 827

Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

ClientSampleId :

PB96670BS

Tot Ion:178 Resp: 1447467

Ion Ratio Lower Upper

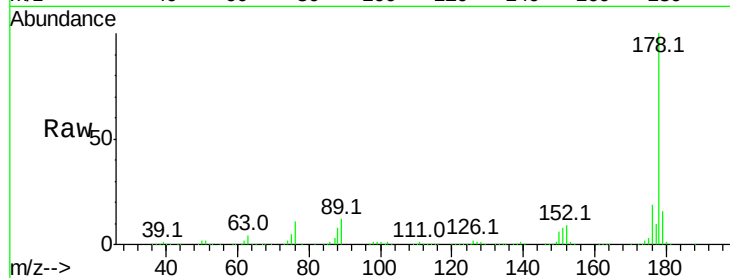
178 100

176 19.5 15.9 23.9

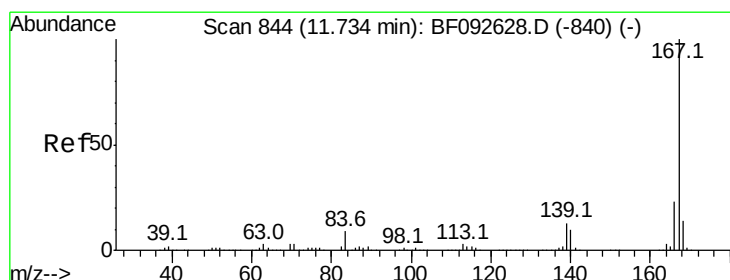
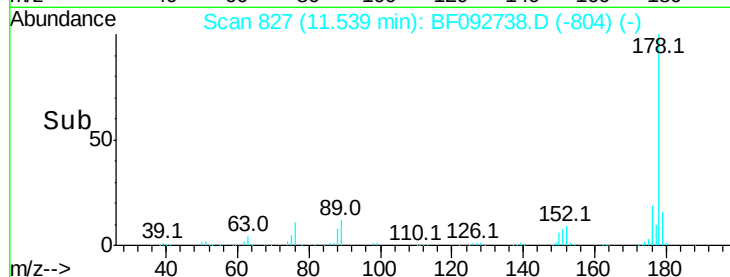
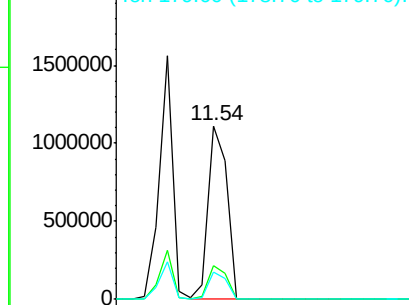
179 15.8 13.2 19.8

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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



#72

Carbazole

Concen: 37.17 ng

RT: 11.70 min Scan# 841

Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

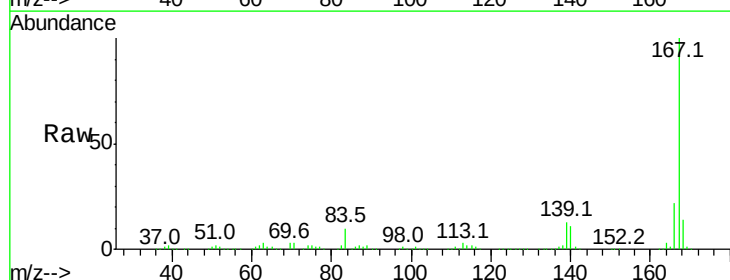
Tgt Ion:167 Resp: 1232197

Ion Ratio Lower Upper

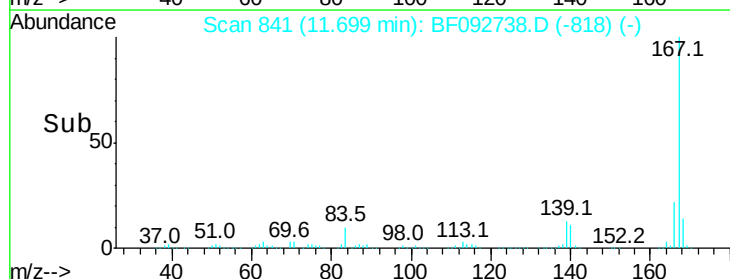
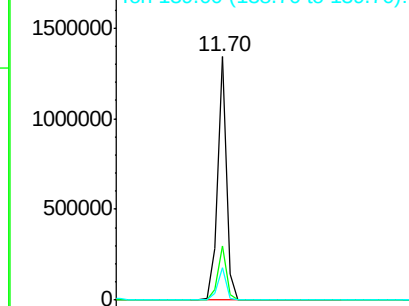
167 100

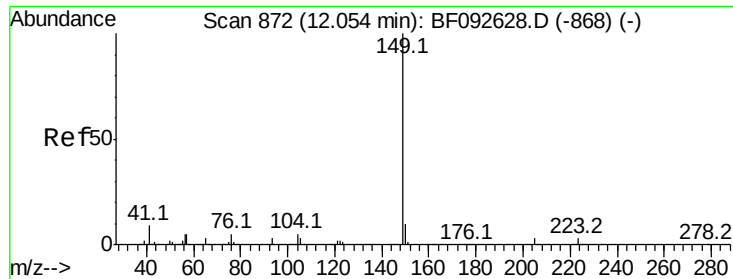
166 22.5 18.2 27.2

139 13.4 11.4 17.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.52 ng

RT: 12.02 min Scan# 869

Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

ClientSampleId :

PB96670BS

Tot Ion:149 Resp: 1560273

Ion Ratio Lower Upper

149 100

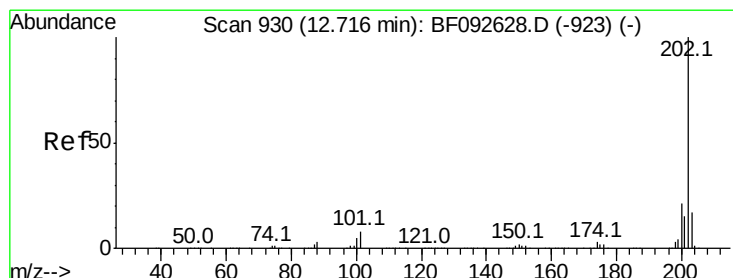
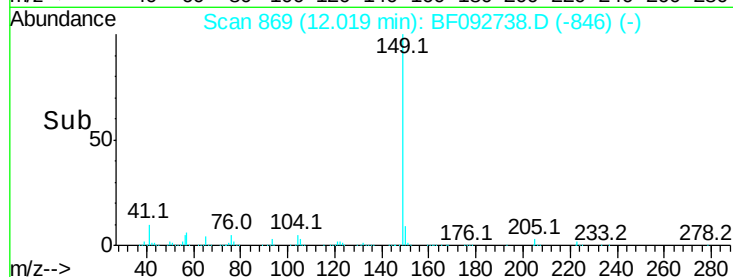
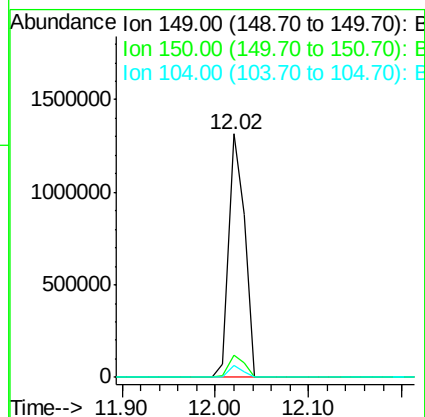
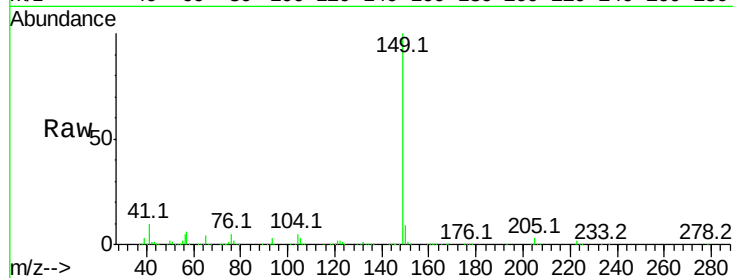
150 9.3 8.1 12.1

104 4.8 4.6 7.0

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#74

Fluoranthene

Concen: 43.80 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

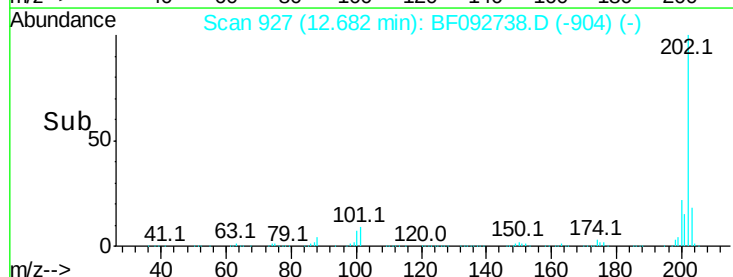
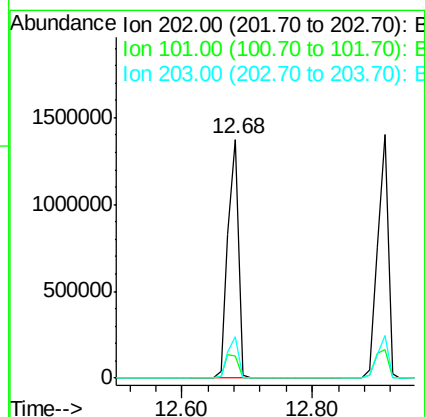
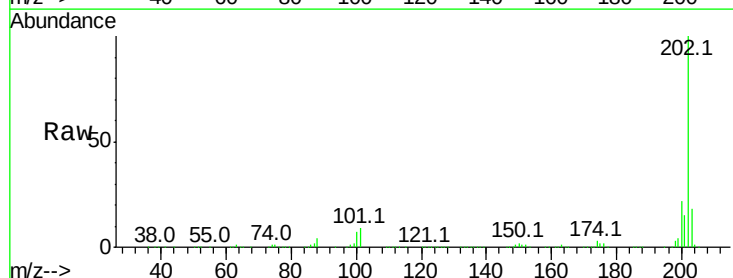
Tgt Ion:202 Resp: 1560231

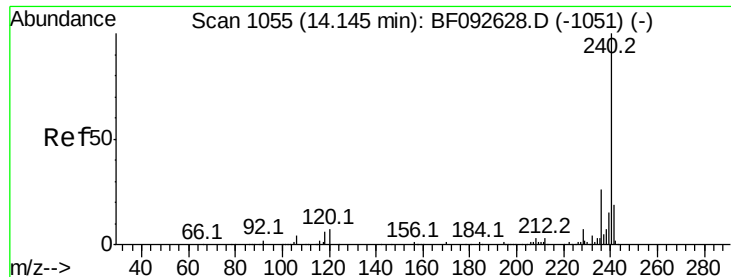
Ion Ratio Lower Upper

202 100

101 9.2 0.0 34.6

203 17.6 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

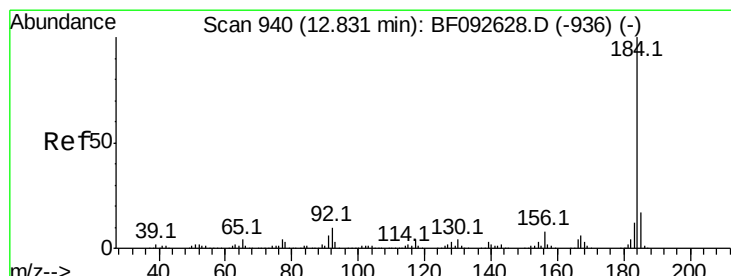
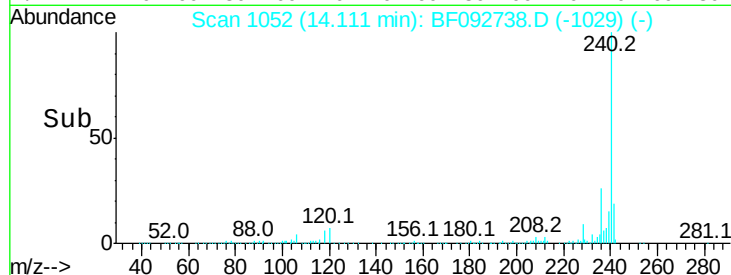
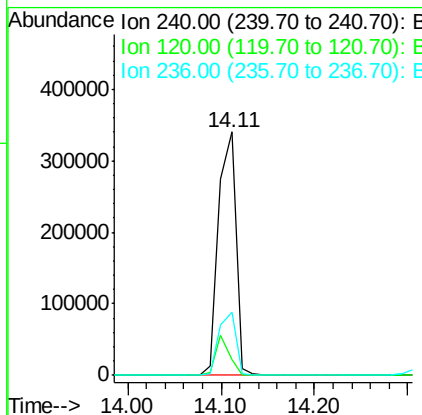
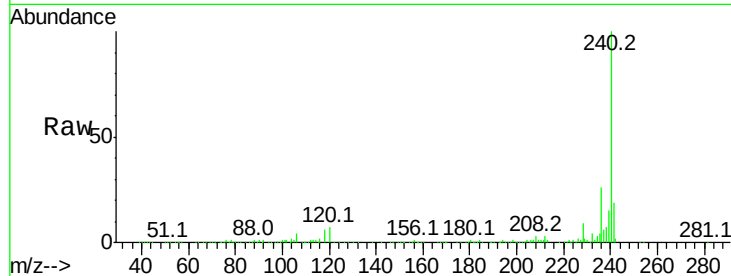
ClientSampleId :

PB96670BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.7	12.9	19.3#
236	25.8	20.9	31.3

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#76

Benzidine

Concen: 25.93 ng

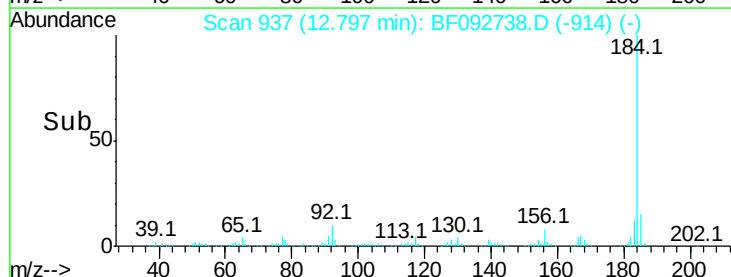
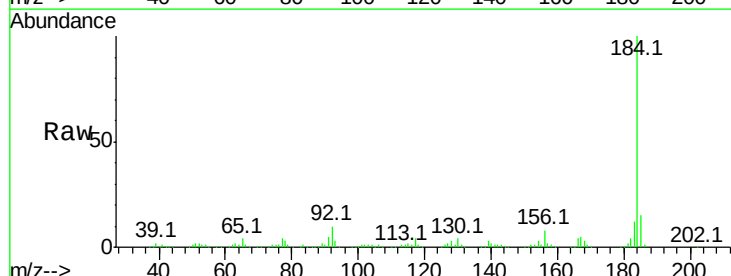
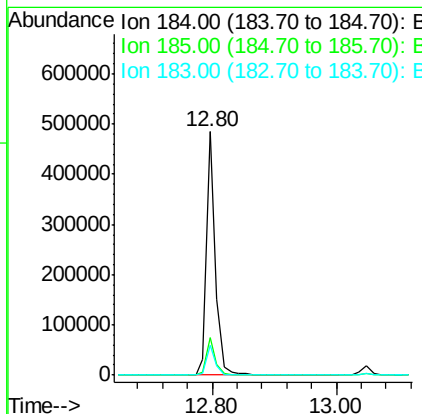
RT: 12.80 min Scan# 937

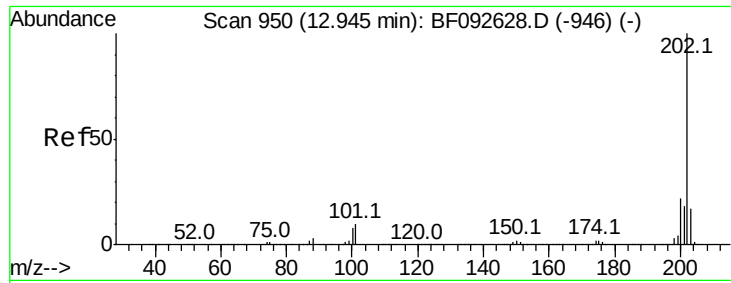
Delta R.T. -0.03 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.4	20.0
183	12.1	9.2	13.8





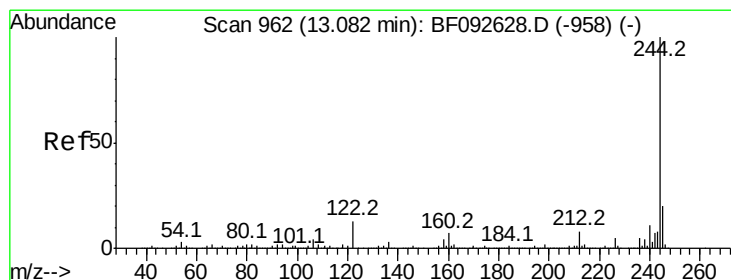
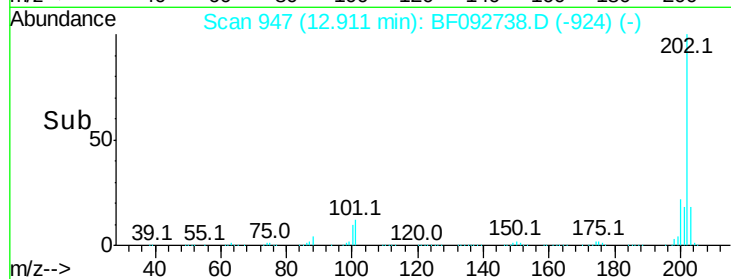
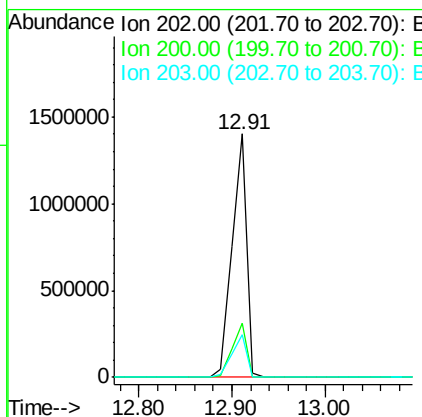
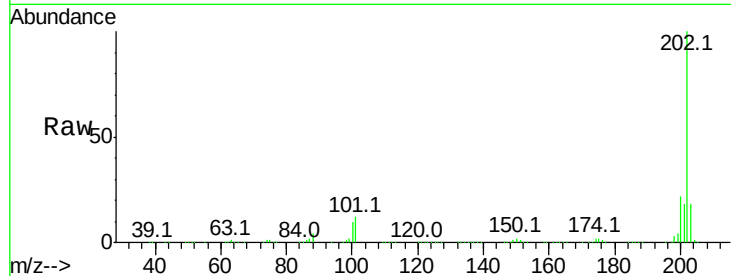
#77
 Pvrene
 Concen: 46.61 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.03 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB96670BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.6	14.7	22.1

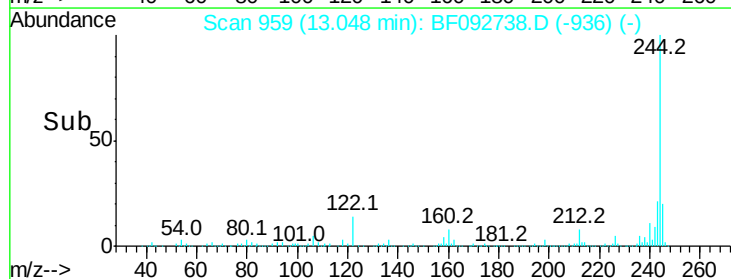
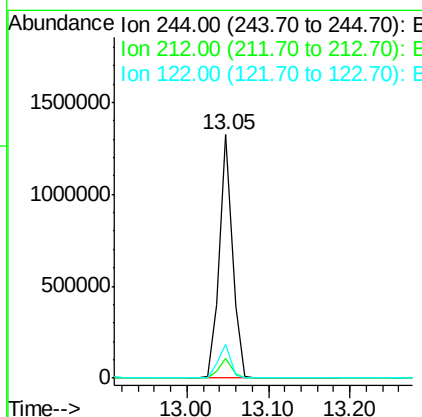
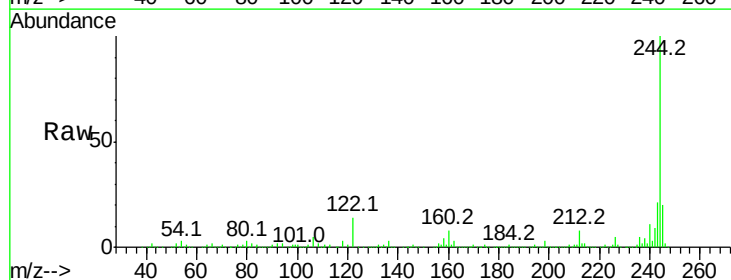
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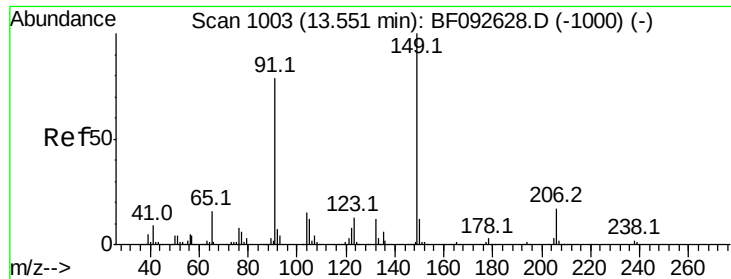
mohammad
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#78
 Terphenyl-d14
 Concen: 78.43 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	13.8	11.4	17.2





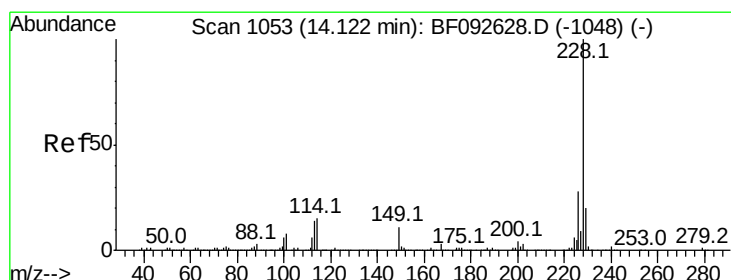
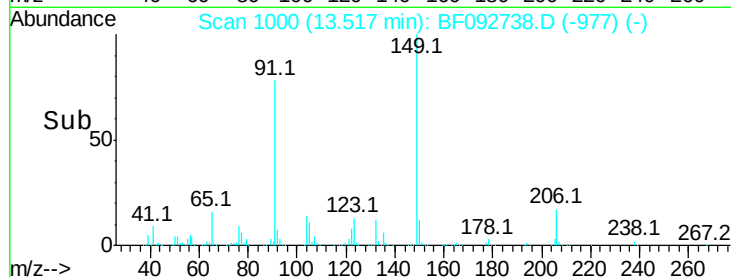
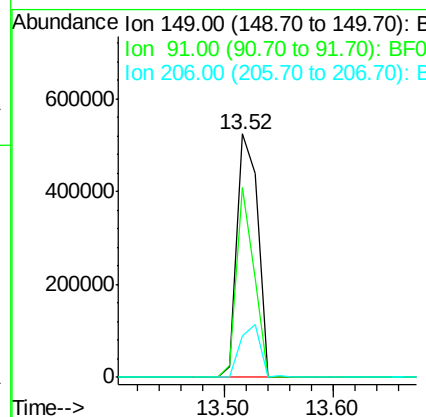
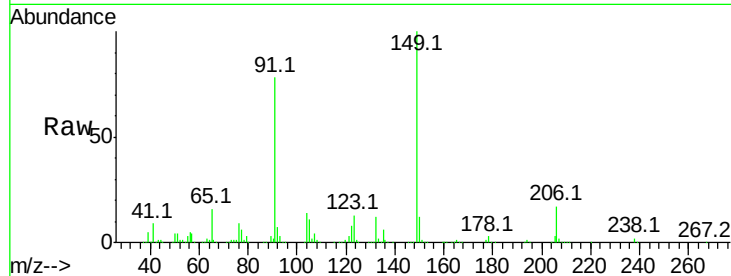
#79
Butylbenzylphthalate
Concen: 50.86 ng
RT: 13.52 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB96670BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	680565		
91	77.8	63.9	95.9	
206	17.1	14.6	21.8	

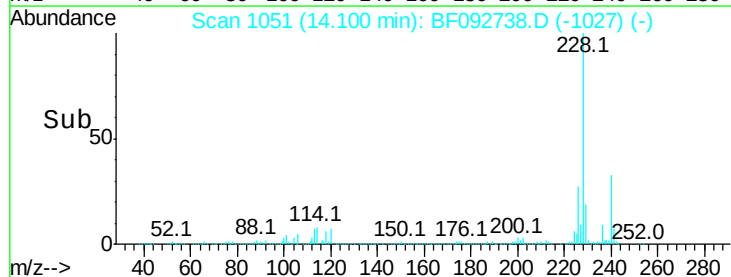
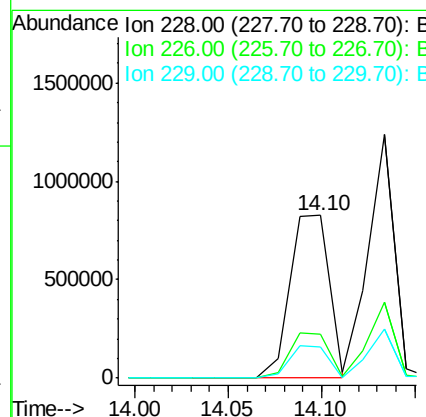
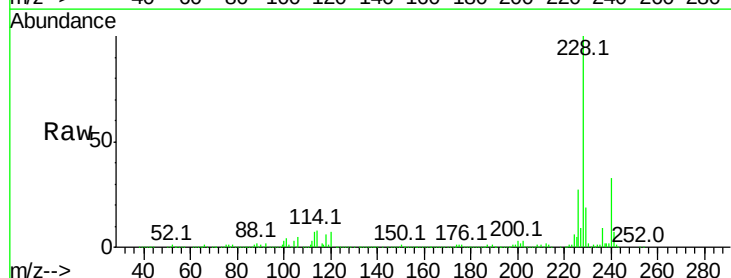
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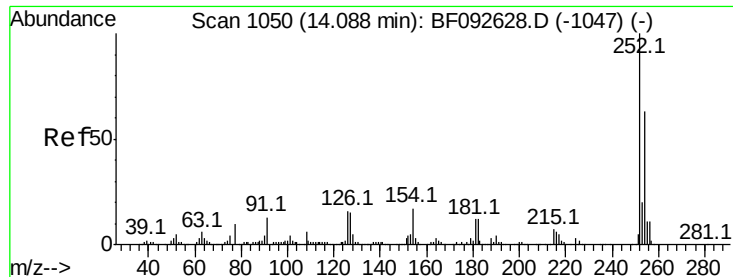
mohammad
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#80
Benzo(a)anthracene
Concen: 45.26 ng
RT: 14.10 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1218831		
226	27.2	22.4	33.6	
229	19.5	16.2	24.4	





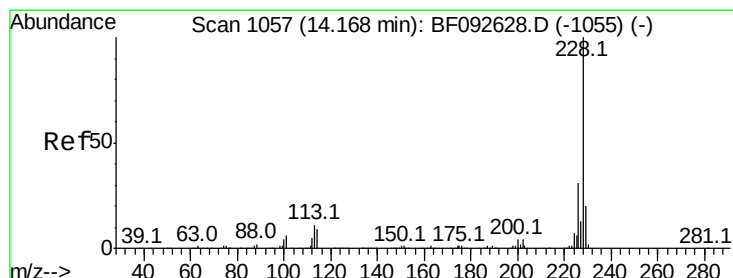
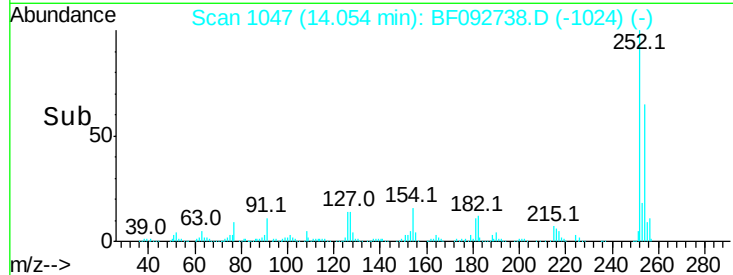
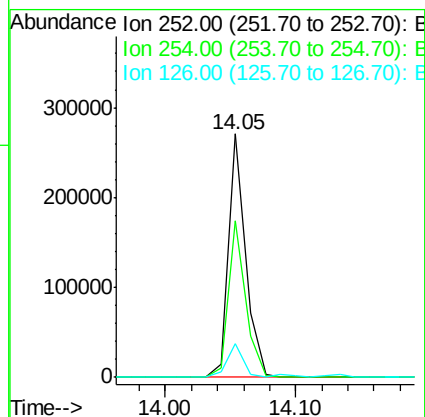
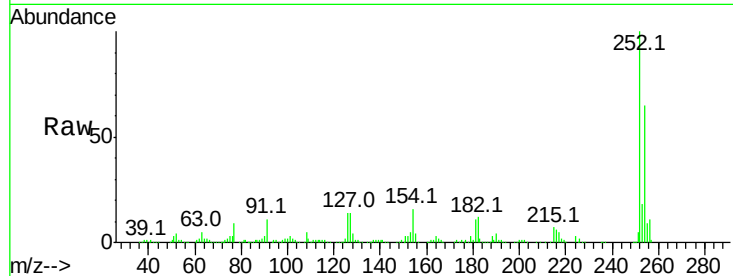
#81
 3,3'-Dichlorobenzidine
 Concen: 25.88 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.03 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB96670BS

Tot Ion:	252	Resp:	248432
Ion Ratio	Lower	Upper	
252	100		
254	64.5	52.3	78.5
126	14.1	13.6	20.4

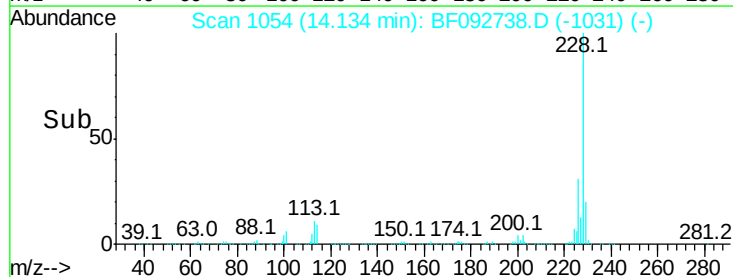
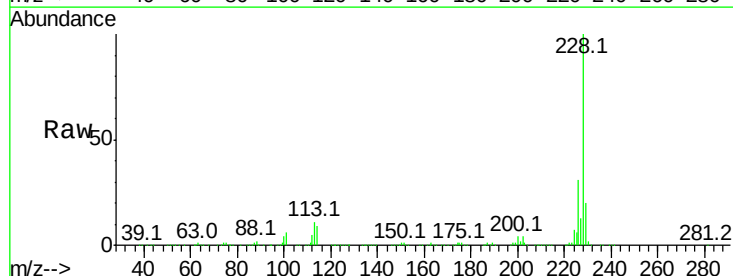
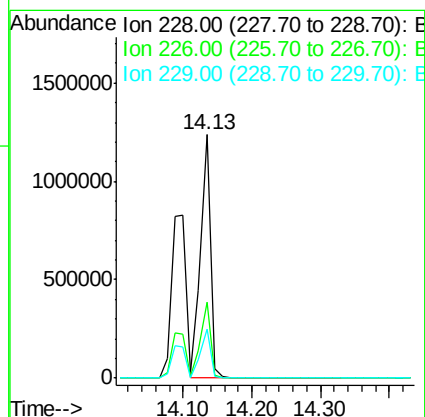
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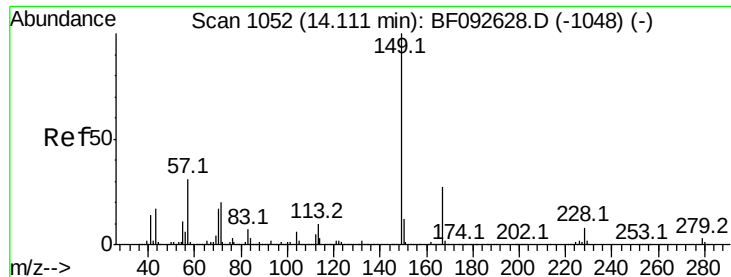
mohammad
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#82
 Chrysene
 Concen: 47.80 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Tgt Ion:	228	Resp:	1205327
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.4	38.0
229	19.9	16.2	24.2





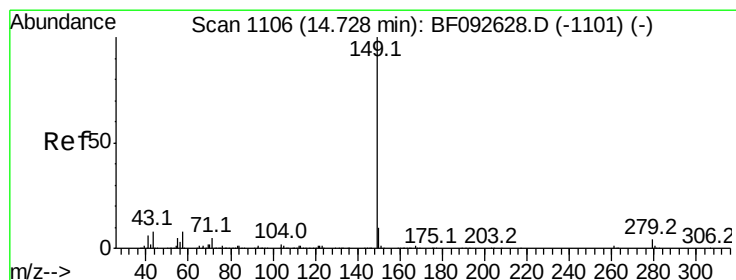
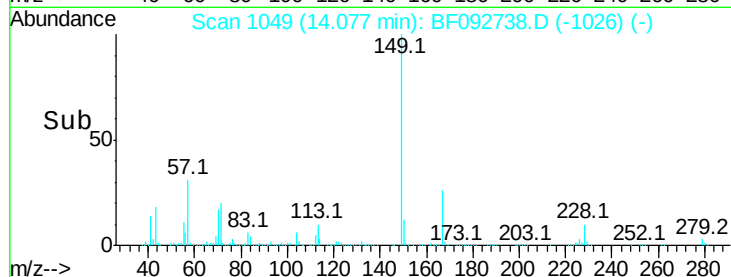
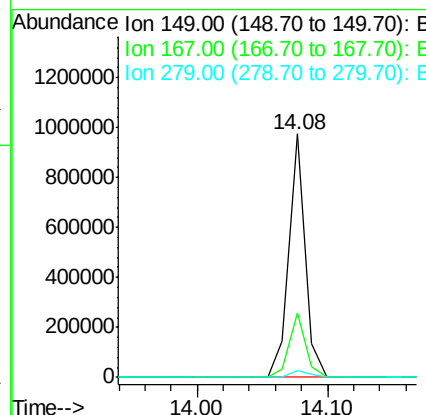
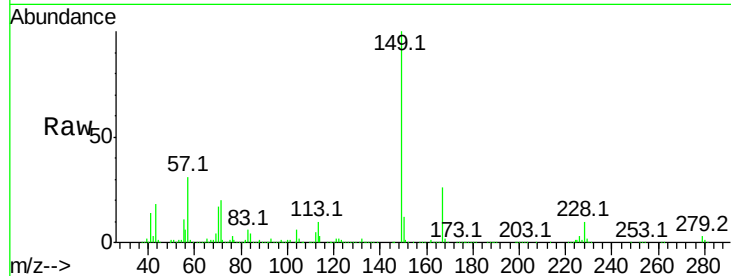
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.27 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.03 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB96670BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.2	30.4
279	2.9	1.8	2.8

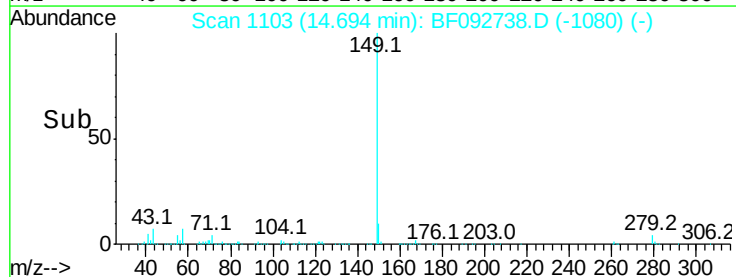
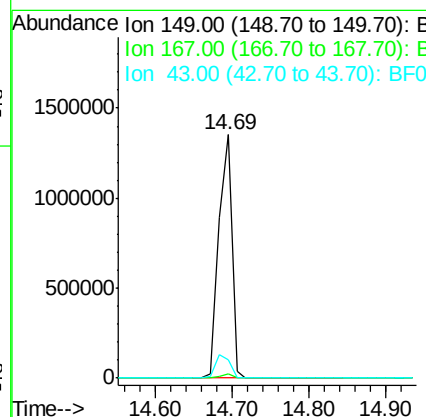
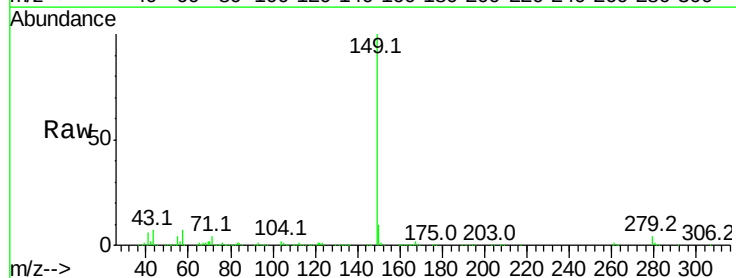
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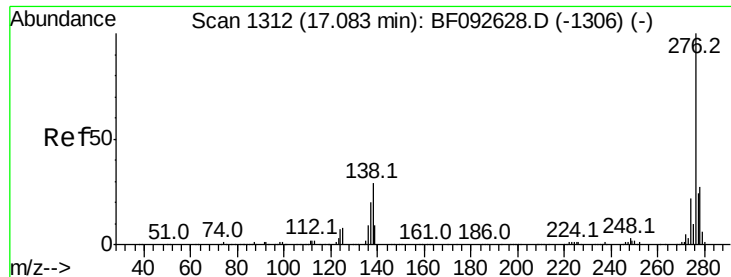
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 53.30 ng
 RT: 14.69 min Scan# 1103
 Delta R.T. -0.03 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.6	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 53.43 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.06 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

Instrument :

BNA_F

ClientSampleId :

PB96670BS

Tot Ion:276 Resp: 1043541

Ion Ratio Lower Upper

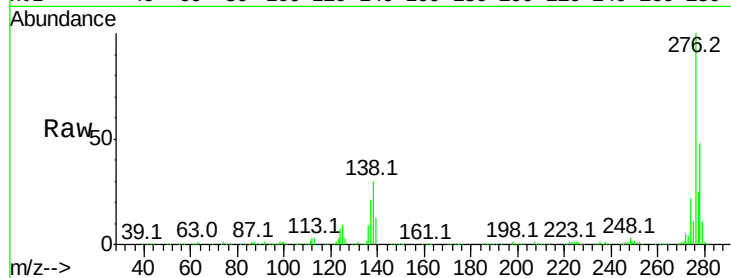
276 100

138 31.7 21.8 32.6

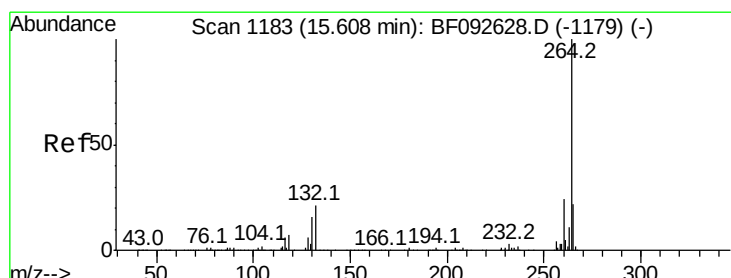
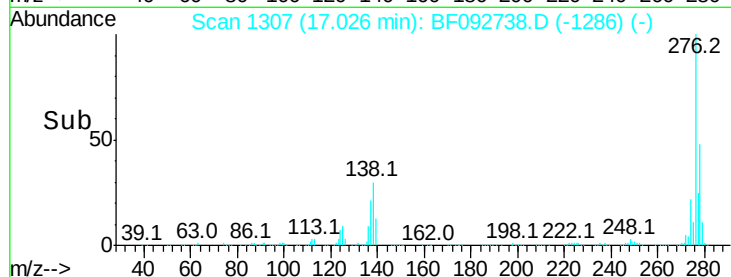
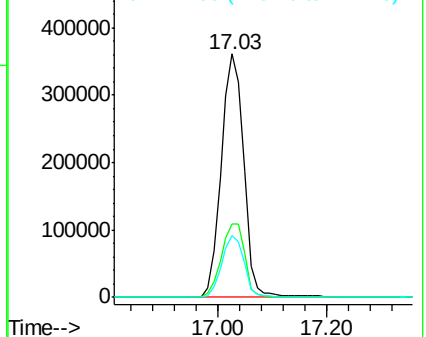
277 25.2 20.2 30.4

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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.56 min Scan# 1179

Delta R.T. -0.05 min

Lab File: BF092738.D

Acq: 2 Feb 2017 16:37

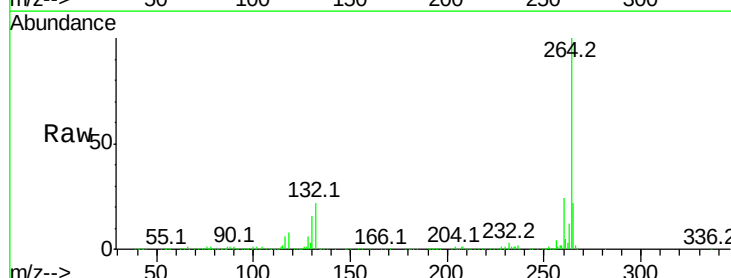
Tgt Ion:264 Resp: 426959

Ion Ratio Lower Upper

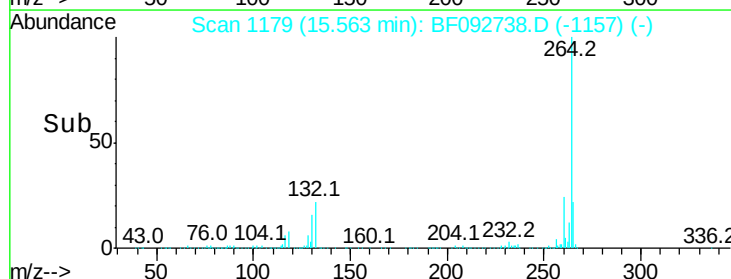
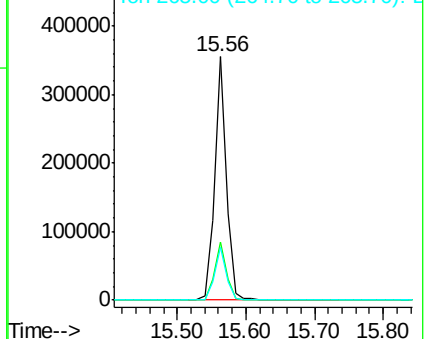
264 100

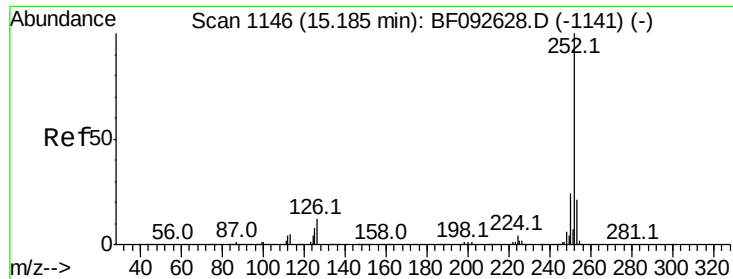
260 23.9 19.2 28.8

265 21.8 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





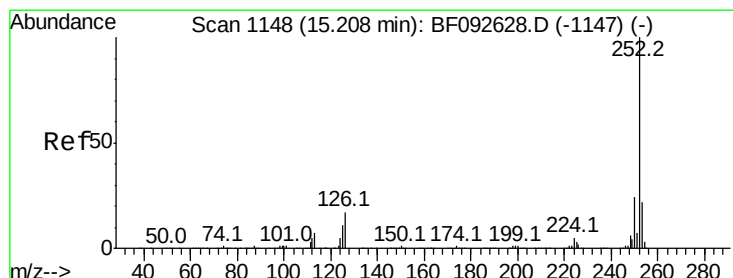
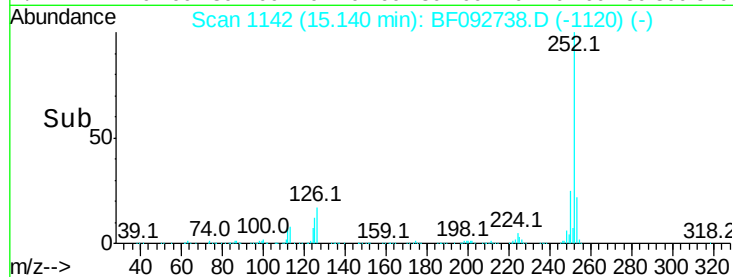
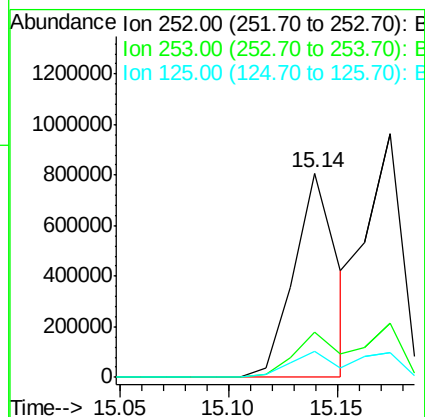
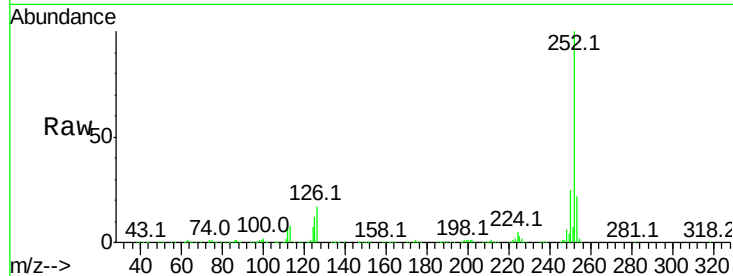
#87
Benzo(b)fluoranthene
Concen: 39.69 ng
RT: 15.14 min Scan# 1142
Delta R.T. -0.05 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Instrument :
BNA_F
ClientSampleId :
PB96670BS

Tot Ion:252 Resp: 1115452
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 12.5 9.8 14.6

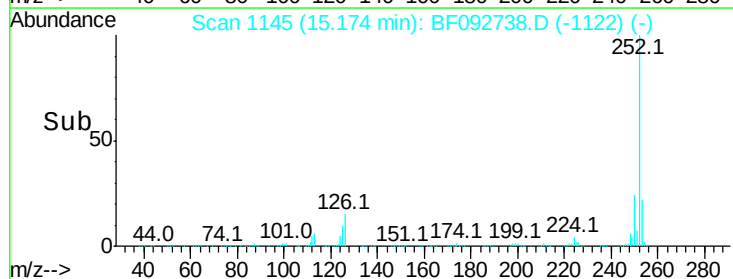
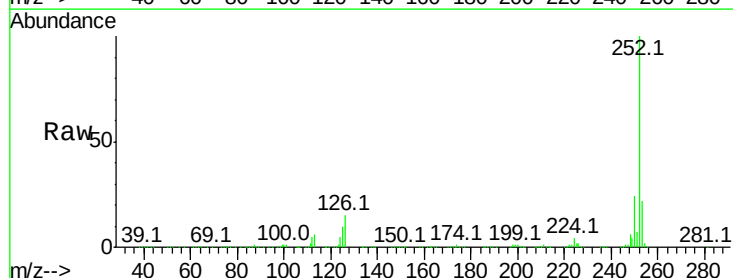
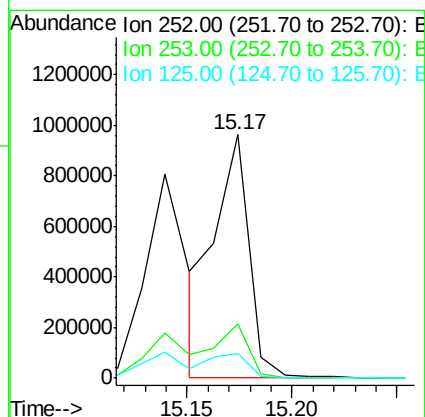
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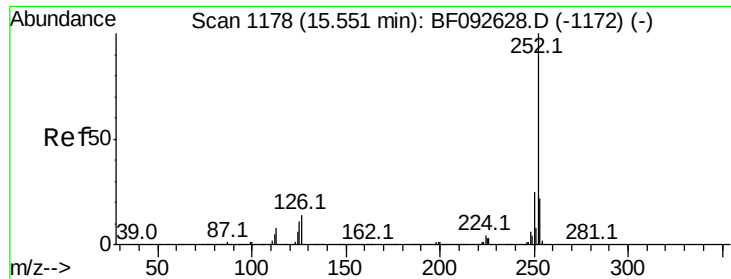
mohammad
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#88
Benzo(k)fluoranthene
Concen: 45.31 ng m
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Tgt Ion:252 Resp: 1099366
Ion Ratio Lower Upper
252 100
253 22.4 18.5 27.7
125 10.2 8.9 13.3





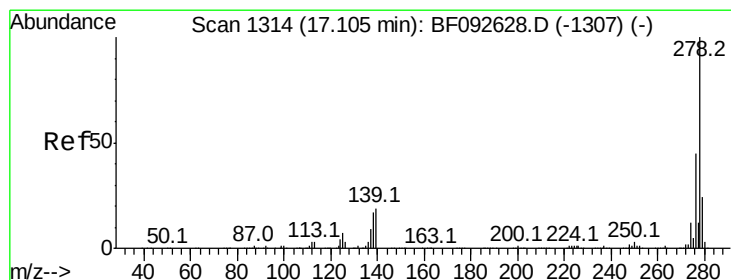
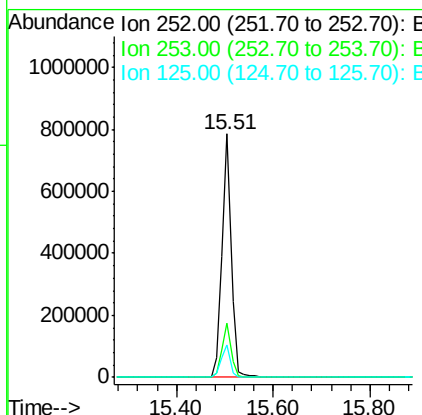
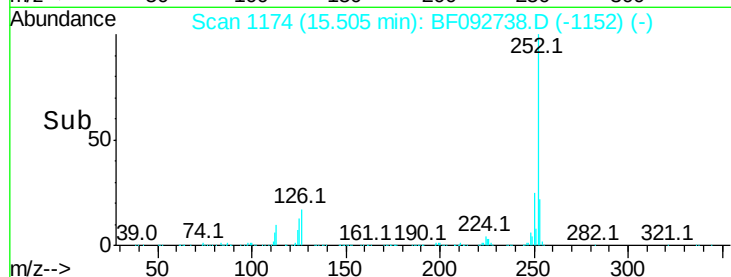
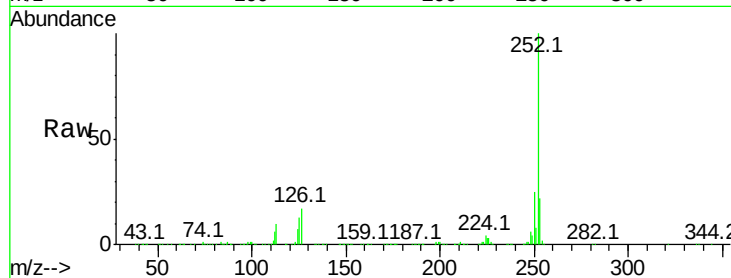
#89
Benzo(a)pyrene
Concen: 43.28 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.05 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Instrument :
BNA_F
ClientSampled :
PB96670BS

Tot Ion:252 Resp: 1052070
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 13.3 10.0 15.0

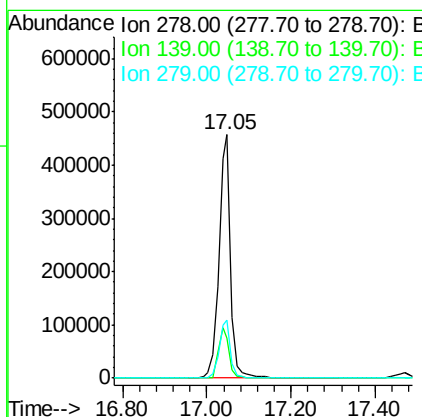
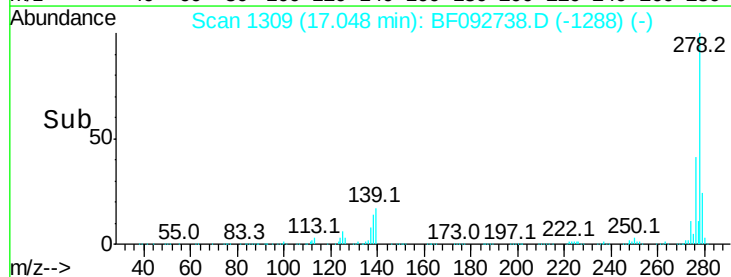
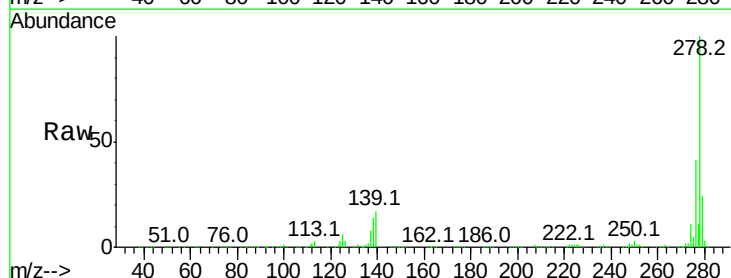
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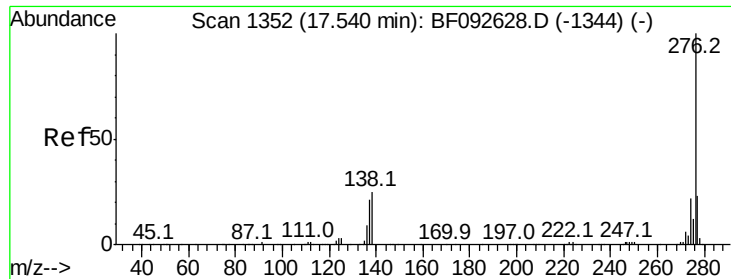
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 44.85 ng
RT: 17.05 min Scan# 1309
Delta R.T. -0.06 min
Lab File: BF092738.D
Acq: 2 Feb 2017 16:37

Tgt Ion:278 Resp: 881122
Ion Ratio Lower Upper
278 100
139 16.5 14.8 22.2
279 23.8 19.8 29.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.58 ng
 RT: 17.47 min Scan# 1346
 Delta R.T. -0.07 min
 Lab File: BF092738.D
 Acq: 2 Feb 2017 16:37

Instrument :
 BNA_F
 ClientSampleId :
 PB96670BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.2	28.8
138	26.8	16.0	24.0

Manual Integrations
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mohammad
 2/3/2017 1:22:22 PM

