

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020817\
 Data File : BF092859.D
 Acq On : 8 Feb 2017 18:02
 Operator : SJ/MA
 Sample : PB96823BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Manual Integrations
 APPROVED

mohammad
 2/9/2017 12:31:13 PM

Quant Time: Feb 09 00:12:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 23:48:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143533	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	568122	20.00	ng	-0.01
38) Acenaphthene-d10	9.94	164	319330	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	532157	20.00	ng	0.00
75) Chrysene-d12	14.07	240	519023	20.00	ng	0.00
86) Perylene-d12	15.51	264	394028	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1066321	127.46	ng	0.01
7) Phenol-d6	6.54	99	1393545	129.46	ng	0.01
23) Nitrobenzene-d5	7.47	82	918787	90.06	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	310386	134.39	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1681704	95.41	ng	0.00
78) Terphenyl-d14	13.00	244	1623152	73.48	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	159045	35.18	ng	86
3) Pyridine	3.30	79	424603	36.94	ng	87
4) n-Nitrosodimethylamine	3.25	42	225637	41.80	ng	83
6) Aniline	6.57	93	229129	15.60	ng	# 45
8) 2-Chlorophenol	6.68	128	390369	42.29	ng	88
9) Benzaldehyde	6.44	77	154840	20.08	ng	96
10) Phenol	6.56	94	577541	45.86	ng	# 78
11) bis(2-Chloroethyl)ether	6.64	93	383654	38.16	ng	94
12) 1,3-Dichlorobenzene	6.84	146	470852	43.55	ng	100
13) 1,4-Dichlorobenzene	6.92	146	457729m	41.83	ng	
14) 1,2-Dichlorobenzene	7.07	146	460153	43.98	ng	95
15) Benzyl Alcohol	7.05	79	365814	45.90	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.18	45	719214	41.18	ng	95
17) 2-Methylphenol	7.16	107	343712	43.41	ng	96
18) Hexachloroethane	7.41	117	155224	41.56	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	281381	41.06	ng	93
20) 3+4-Methylphenols	7.32	107	420756	44.44	ng	# 79
22) Acetophenone	7.31	105	528279	40.73	ng	# 95
24) Nitrobenzene	7.48	77	399189	38.11	ng	98
25) Isophorone	7.72	82	780314	41.05	ng	97
26) 2-Nitrophenol	7.80	139	224662	45.12	ng	94
27) 2,4-Dimethylphenol	7.85	122	409128	46.78	ng	93
28) bis(2-Chloroethoxy)methane	7.94	93	541578	43.01	ng	99
29) 2,4-Dichlorophenol	8.04	162	350496	42.97	ng	89
30) 1,2,4-Trichlorobenzene	8.12	180	363899	41.40	ng	95
31) Naphthalene	8.20	128	1125852	39.09	ng	100
32) Benzoic acid	7.97	122	213316	43.79	ng	96
33) 4-Chloroaniline	8.26	127	103795	9.19	ng	96
34) Hexachlorobutadiene	8.33	225	199728	41.30	ng	98
35) Caprolactam	8.62	113	115325m	44.95	ng	
36) 4-Chloro-3-methylphenol	8.75	107	394587	46.40	ng	96
37) 2-Methylnaphthalene	8.90	142	804014	43.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	334976	37.37	ng	99
40) Hexachlorocyclopentadiene	9.05	237	298083	73.71	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	253672	43.07	nq	93
43) 2,4,5-Trichlorophenol	9.22	196	262980	40.75	nq	91
45) 1,1'-Biphenyl	9.36	154	914307	39.54	nq	96
46) 2-Chloronaphthalene	9.39	162	774353	42.81	nq	96
47) 2-Nitroaniline	9.48	65	227764	37.45	nq	99
48) Acenaphthylene	9.80	152	1203022	38.50	nq	99
49) Dimethylphthalate	9.66	163	904783	42.07	nq	100
50) 2,6-Dinitrotoluene	9.72	165	192539	41.45	nq	# 70
51) Acenaphthene	9.97	154	751256	40.21	nq	97
52) 3-Nitroaniline	9.89	138	74081	13.94	nq	91
53) 2,4-Dinitrophenol	10.01	184	198713	83.85	nq	# 89
54) Dibenzofuran	10.14	168	1039802	41.61	nq	95
55) 4-Nitrophenol	10.08	139	344501	89.98	nq	# 63
56) 2,4-Dinitrotoluene	10.13	165	285891	46.23	nq	90
57) Fluorene	10.49	166	832561	43.31	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.27	232	208206	48.36	nq	95
59) Diethylphthalate	10.36	149	878530	43.34	nq	98
60) 4-Chlorophenyl-phenylether	10.48	204	359074	38.88	nq	91
61) 4-Nitroaniline	10.51	138	195284	35.87	nq	92
62) Azobenzene	10.64	77	928772	44.35	nq	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	132900	41.42	nq	88
65) n-Nitrosodiphenylamine	10.60	169	755025	44.41	nq	100
66) 4-Bromophenyl-phenylether	10.97	248	233172	41.94	nq	93
67) Hexachlorobenzene	11.04	284	236894	43.12	nq	98
68) Atrazine	11.13	200	245001	44.91	nq	97
69) Pentachlorophenol	11.23	266	238808	83.82	nq	98
70) Phenanthrene	11.45	178	1192463	39.11	nq	99
71) Anthracene	11.50	178	1303012	42.56	nq	97
72) Carbazole	11.65	167	1053456	35.99	nq	99
73) Di-n-butylphthalate	11.99	149	1481519	46.81	nq	# 97
74) Fluoranthene	12.64	202	1429513	45.46	nq	96
76) Benzidine	12.75	184	358708	16.22	nq	97
77) Pyrene	12.87	202	1427203	36.74	nq	99
79) Butylbenzylphthalate	13.48	149	728984	46.22	nq	86
80) Benzo(a)anthracene	14.05	228	1160892	36.57	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	226306	20.00	nq	# 95
82) Chrysene	14.09	228	1058284	35.61	nq	100
83) Bis(2-ethylhexyl)phthalate	14.04	149	953215	44.19	nq	# 95
84) Di-n-octyl phthalate	14.65	149	1441080	41.03	nq	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	984255	42.75	nq	95
87) Benzo(b)fluoranthene	15.09	252	1108707	42.75	nq	98
88) Benzo(k)fluoranthene	15.12	252	952802m	42.55	nq	
89) Benzo(a)pyrene	15.45	252	971331	43.30	nq	98
90) Dibenzo(a,h)anthracene	16.97	278	828367	45.69	nq	97
91) Benzo(g,h,i)perylene	17.38	276	835366	45.61	nq	# 92

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

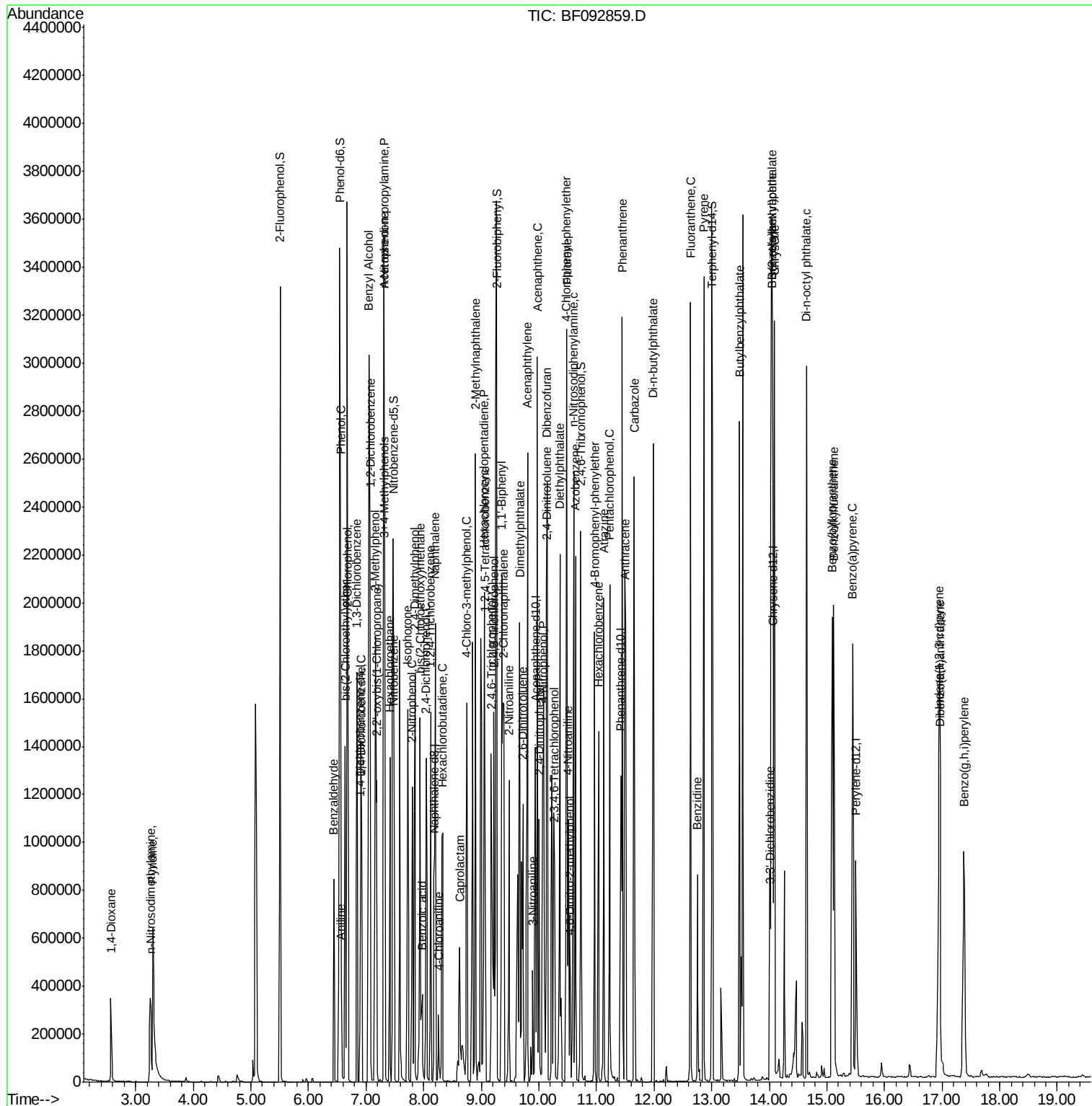
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Sample    : PB96823BS  
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ALS Vial  : 8 Sample Multiplier: 1
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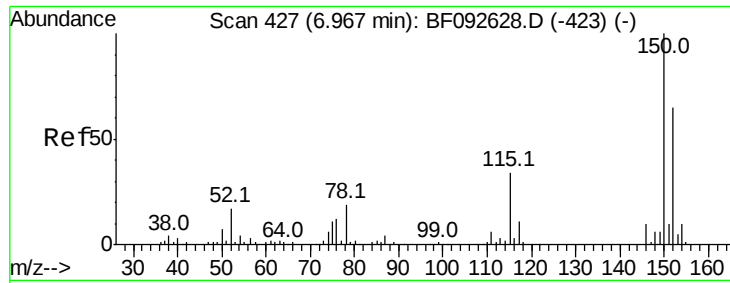
Instrument :
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#1

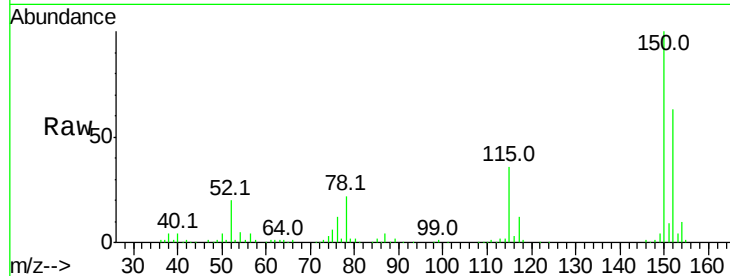
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

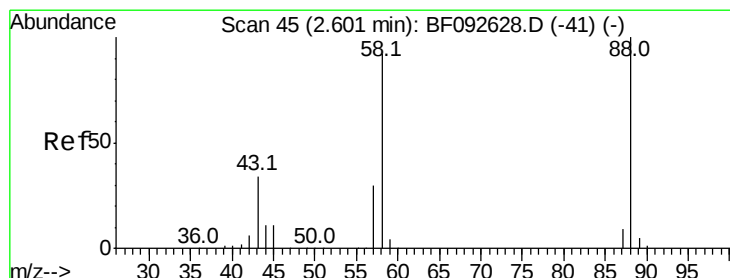
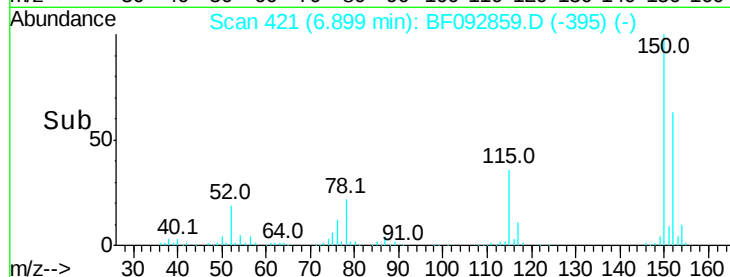
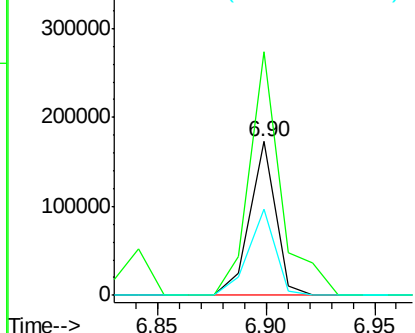
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.9	187.3
115	56.2	46.0	69.0

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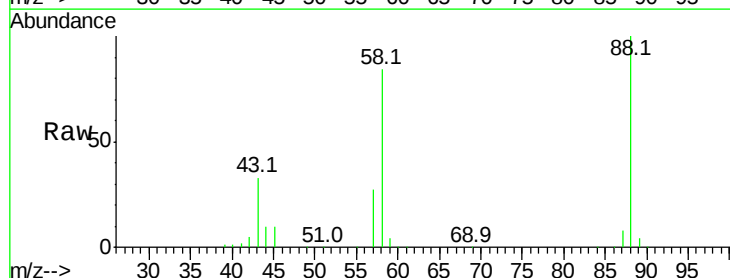
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



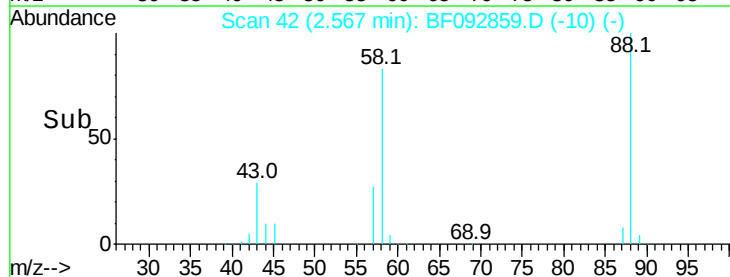
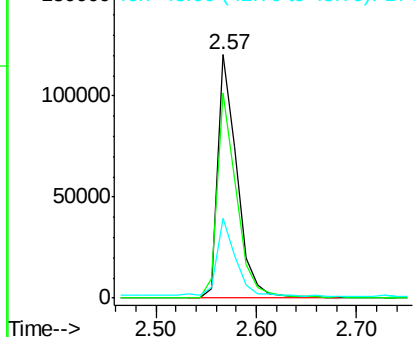
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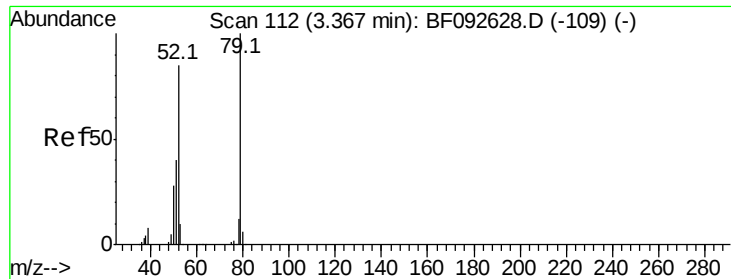
1,4-Dioxane
Concen: 35.18 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.07 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	57.8	86.8
43	32.0	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: 36.94 ng

RT: 3.30 min Scan# 106

Delta R.T. 0.08 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

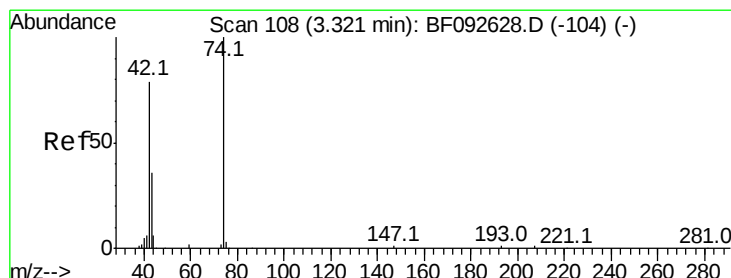
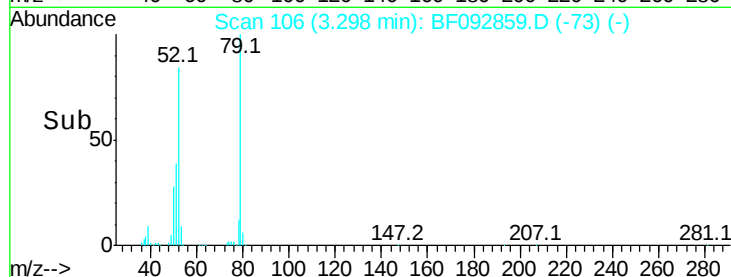
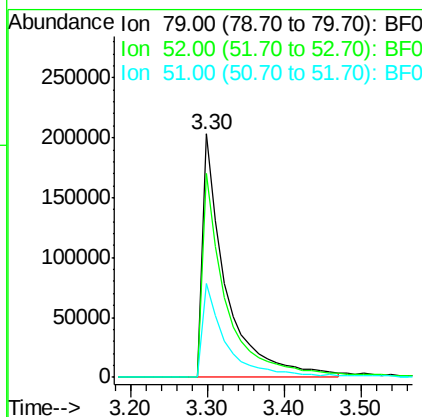
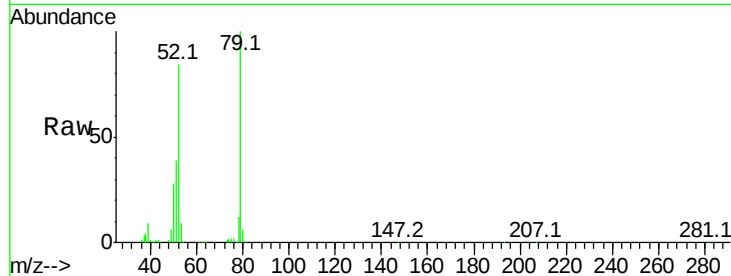
ClientSampled :

PB96823BS

Tot Ion:	79	Resp:	424603
Ion Ratio	Lower	Upper	
79	100		
52	83.7	57.1	85.7
51	38.7	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 41.80 ng

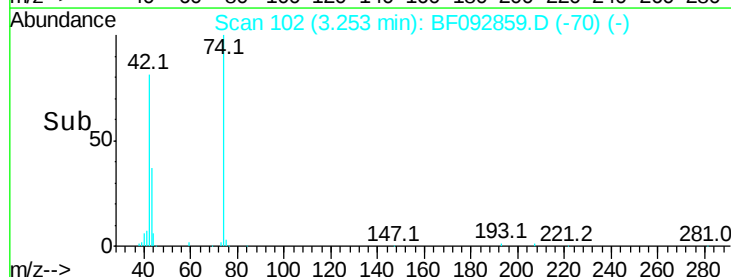
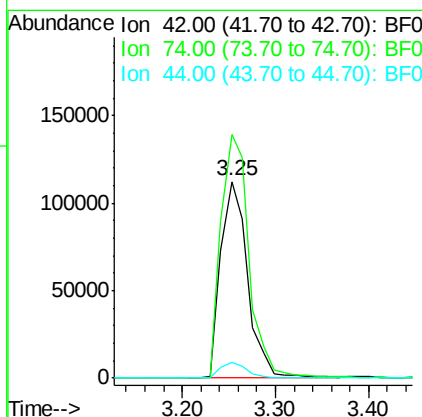
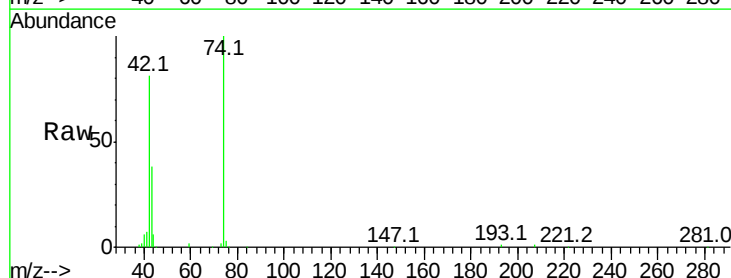
RT: 3.25 min Scan# 102

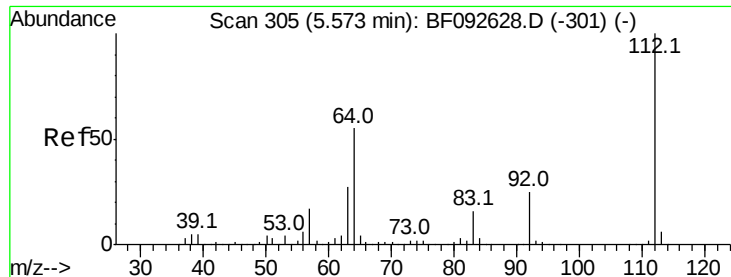
Delta R.T. 0.07 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Tgt Ion:	42	Resp:	225637
Ion Ratio	Lower	Upper	
42	100		
74	124.0	117.0	175.4
44	7.8	5.5	8.3





#5

2-Fluorophenol

Concen: 127.46 ng

RT: 5.50 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

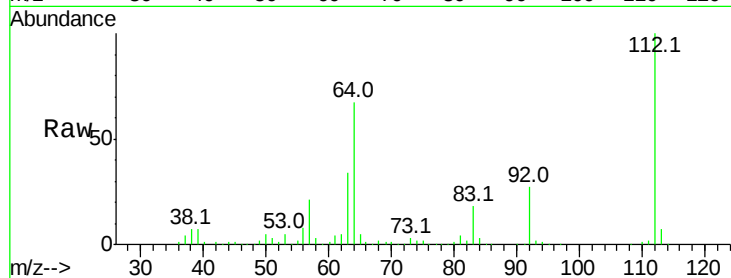
ClientSampleId :

PB96823BS

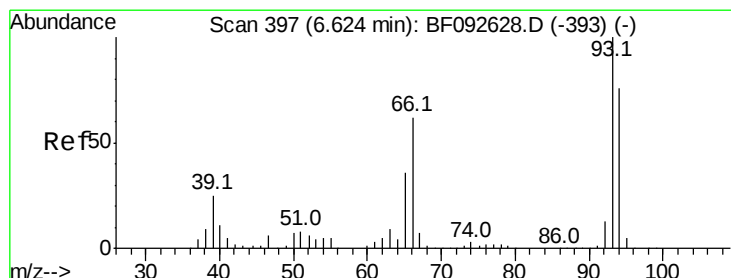
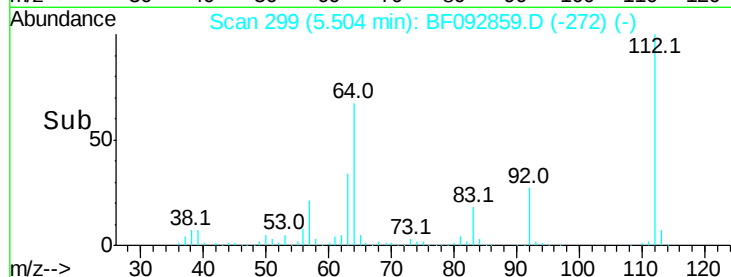
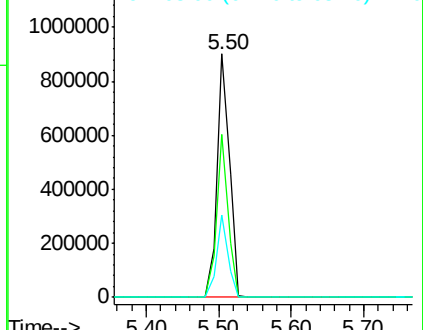
Tot Ion:	112	Resp:	1066321
Ion Ratio	Lower	Upper	
112	100		
64	66.7	46.1	69.1
63	33.6	23.8	35.6

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF092628.D (-301) (-)



#6

Aniline

Concen: 15.60 ng

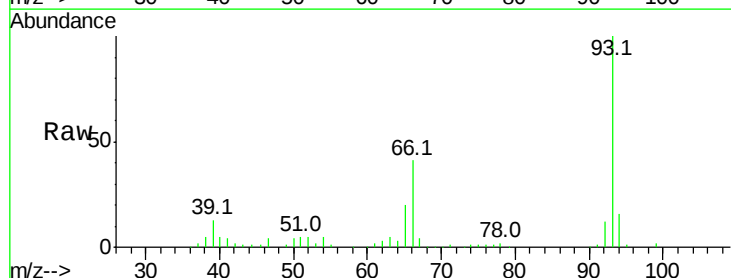
RT: 6.57 min Scan# 392

Delta R.T. 0.01 min

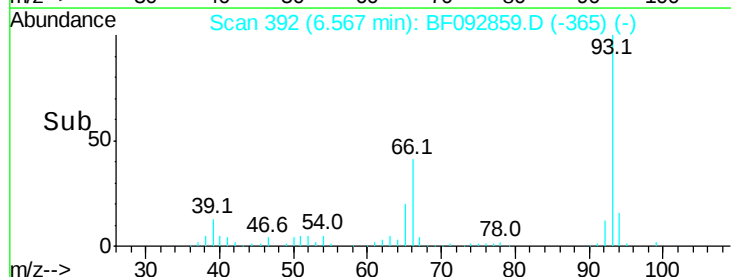
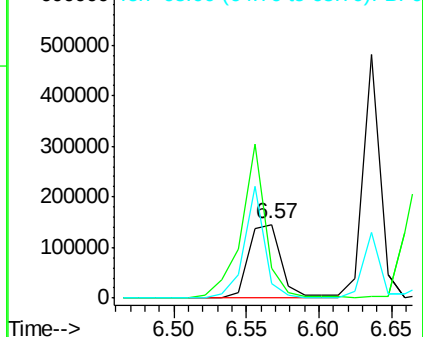
Lab File: BF092859.D

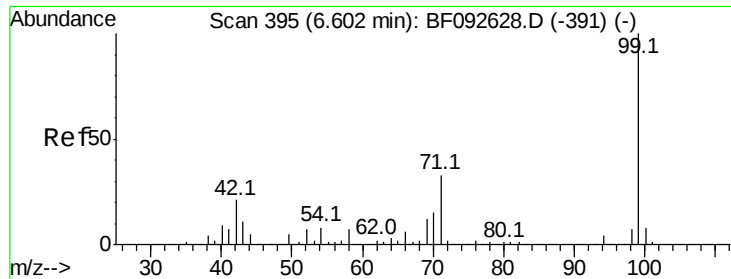
Acq: 8 Feb 2017 18:02

Tgt Ion:	93	Resp:	229129
Ion Ratio	Lower	Upper	
93	100		
66	40.9	76.2	114.2#
65	20.3	49.3	73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF092628.D (-393) (-)





#7

Phenol-d6

Concen: 129.46 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

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Tot Ion: 99 Resp: 1393545

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

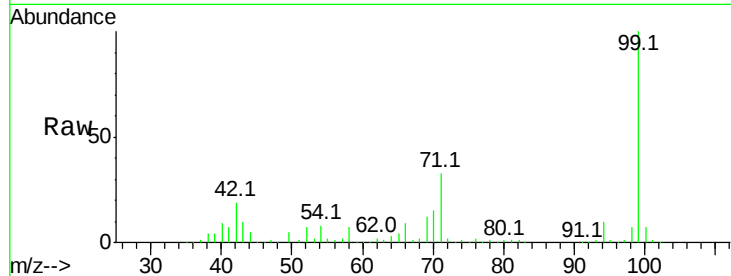
71 32.6 27.5 41.3

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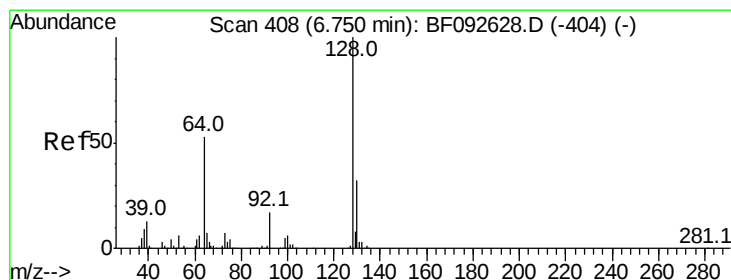
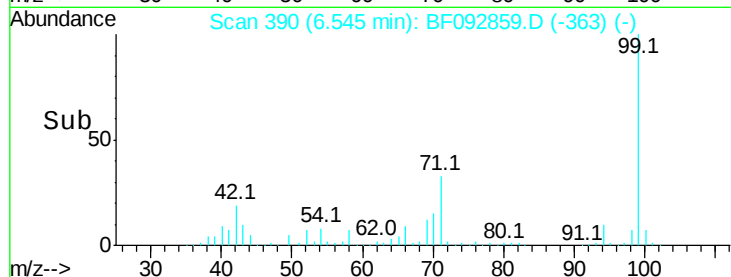
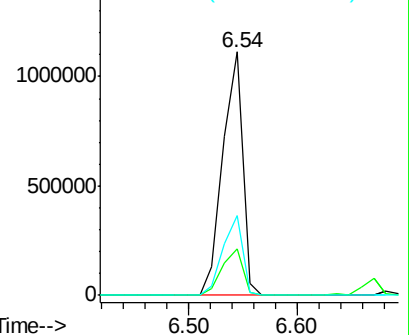
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.29 ng

RT: 6.68 min Scan# 402

Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

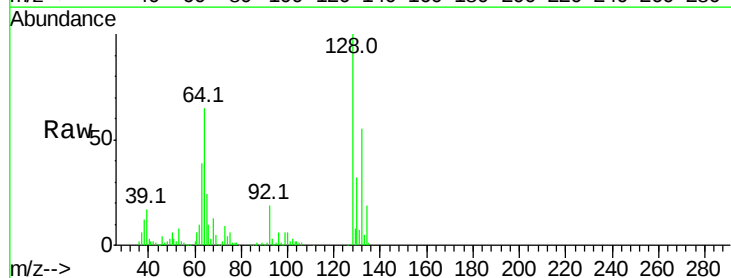
Tgt Ion:128 Resp: 390369

Ion Ratio Lower Upper

128 100

130 32.0 12.3 52.3

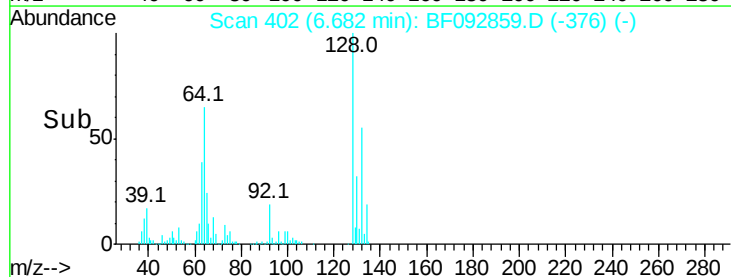
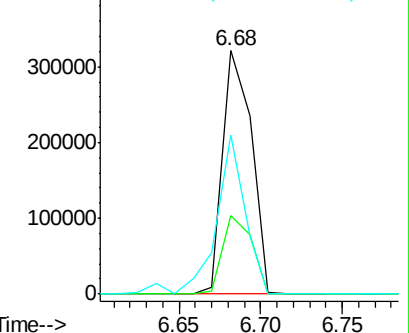
64 65.4 32.2 72.2

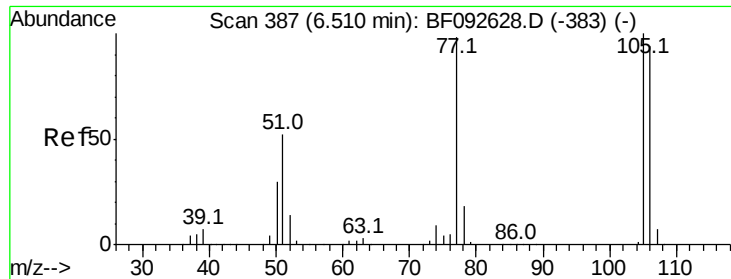


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





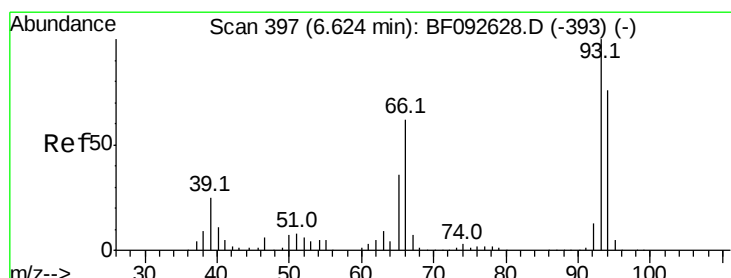
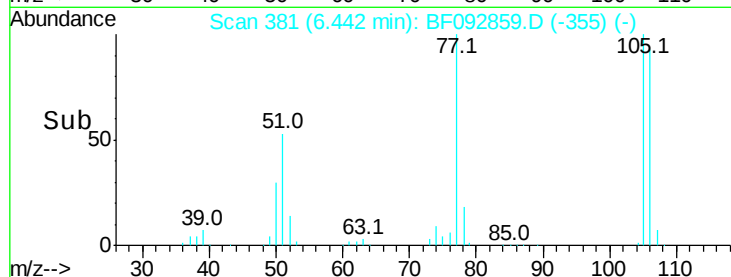
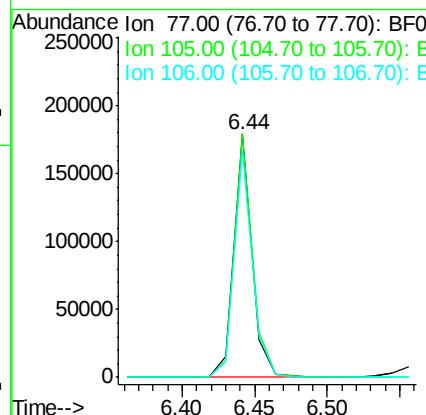
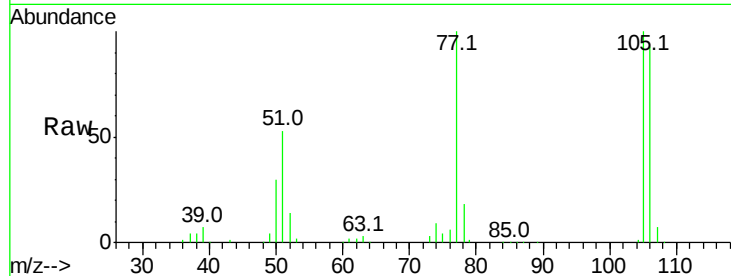
#9
Benzaldehyde
Concen: 20.08 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleID :
PB96823BS

Tot Ion: 77 Resp: 154840
Ion Ratio Lower Upper
77 100
105 100.0 83.9 123.9
106 93.4 77.6 117.6

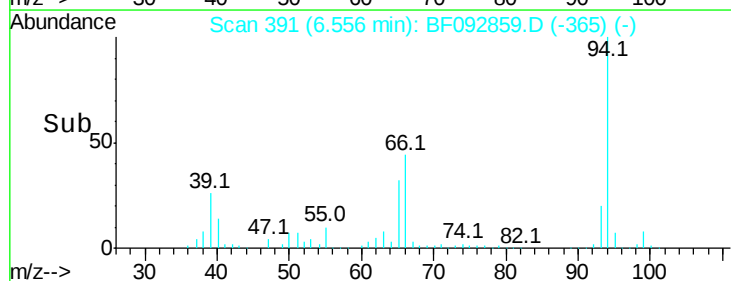
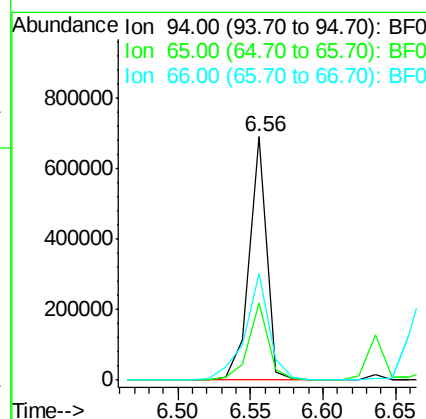
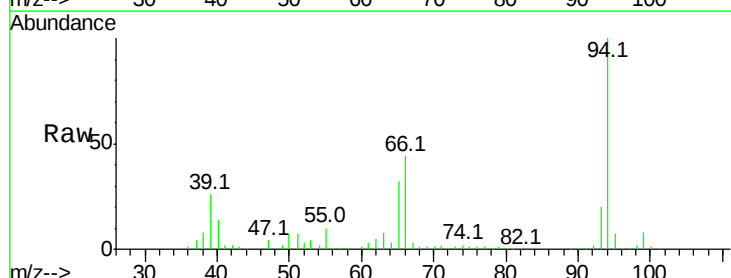
Manual Integrations
APPROVED

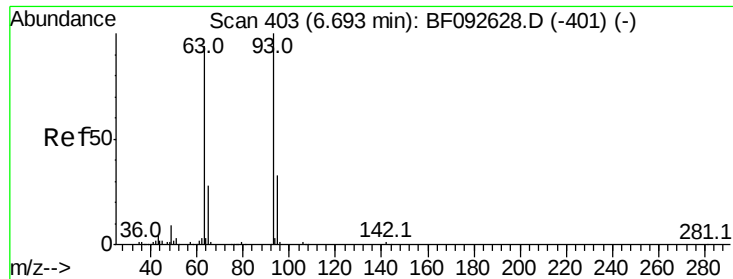
mohammad
2/9/2017 12:31:13 PM



#10
Phenol
Concen: 45.86 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion: 94 Resp: 577541
Ion Ratio Lower Upper
94 100
65 31.8 21.4 61.4
66 43.9 44.0 84.0#





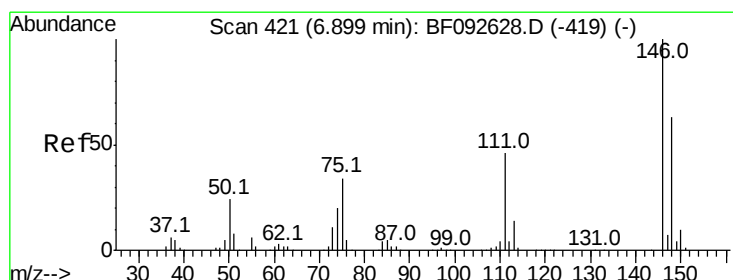
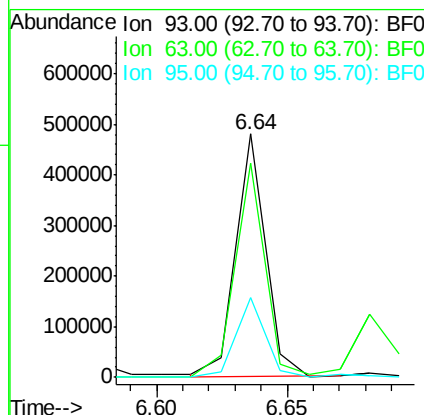
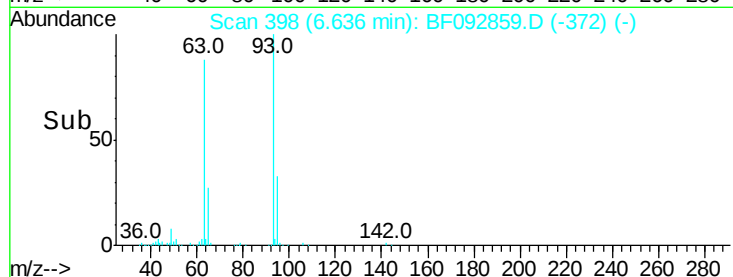
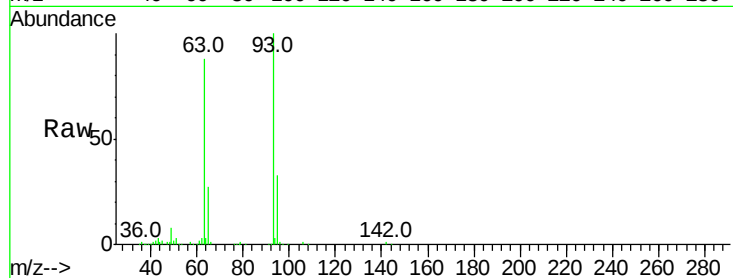
#11
bis(2-Chloroethyl)ether
Concen: 38.16 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion:	93	Resp:	383654
Ion Ratio	Lower	Upper	
93	100		
63	88.1	60.4	100.4
95	32.9	12.8	52.8

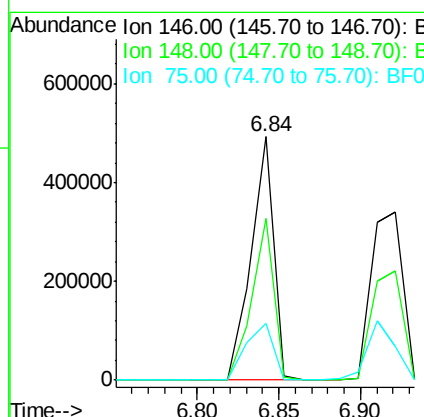
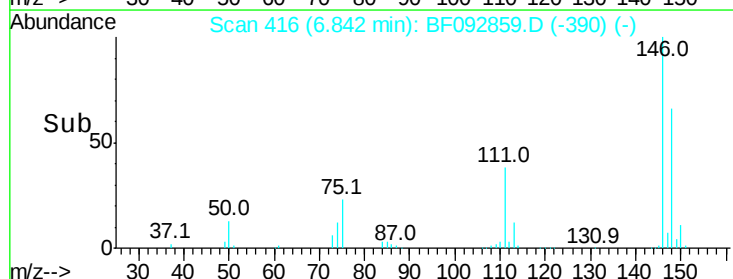
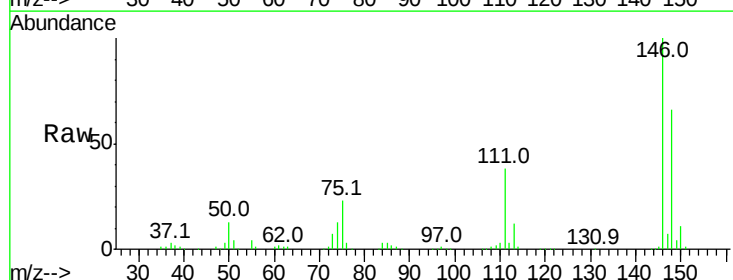
Manual Integrations
APPROVED

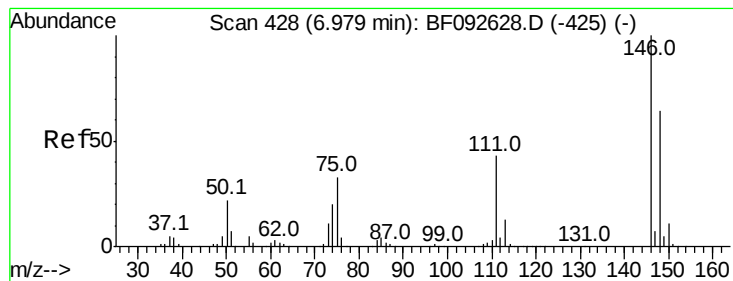
mohammad
2/9/2017 12:31:13 PM



#12
1,3-Dichlorobenzene
Concen: 43.55 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion:	146	Resp:	470852
Ion Ratio	Lower	Upper	
146	100		
148	66.2	53.4	80.0
75	23.1	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 41.83 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

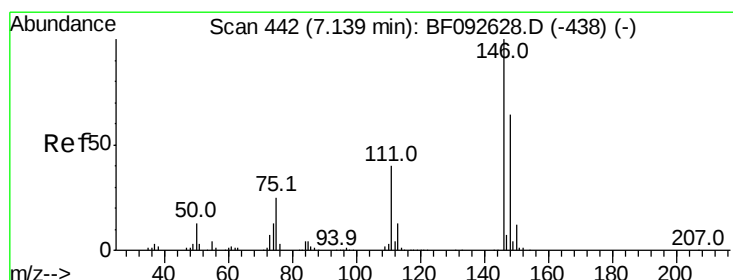
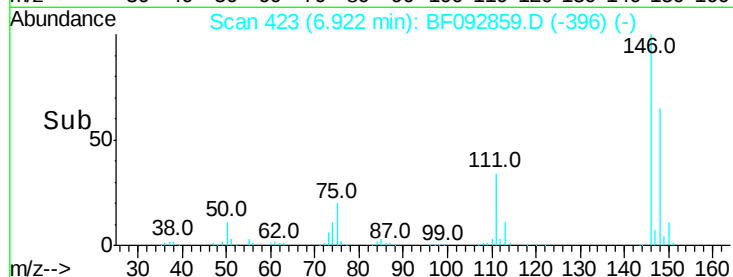
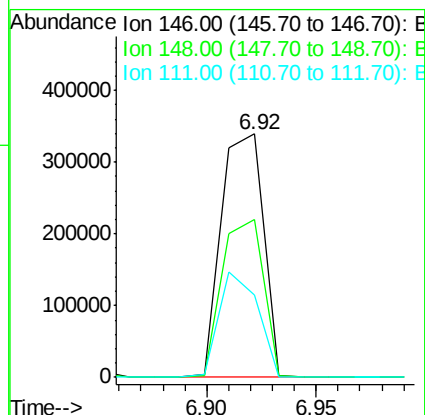
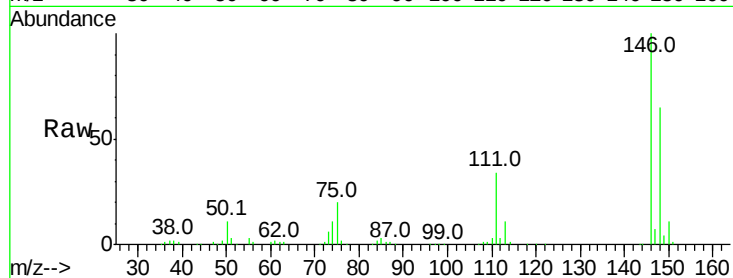
ClientSampleId :

PB96823BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	76.0
111	33.8	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.98 ng

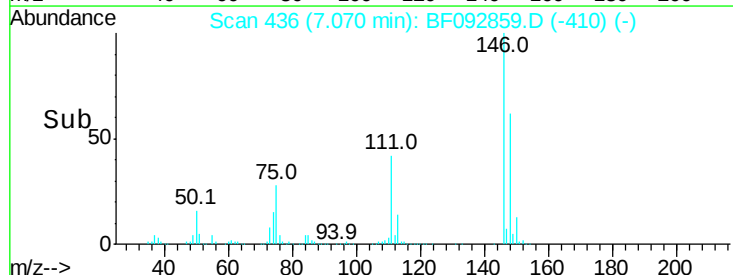
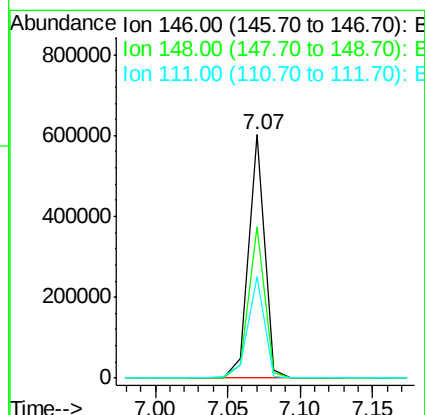
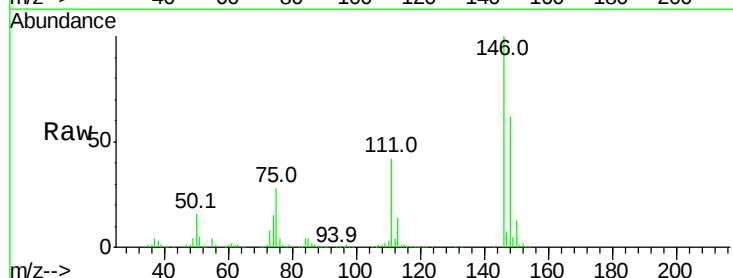
RT: 7.07 min Scan# 436

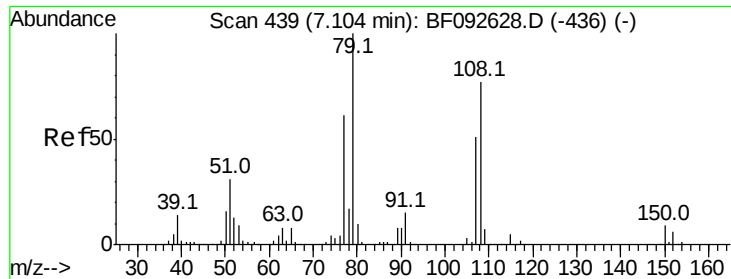
Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.2	78.2
111	41.5	36.2	54.2





#15

Benzyl Alcohol

Concen: 45.90 ng

RT: 7.05 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

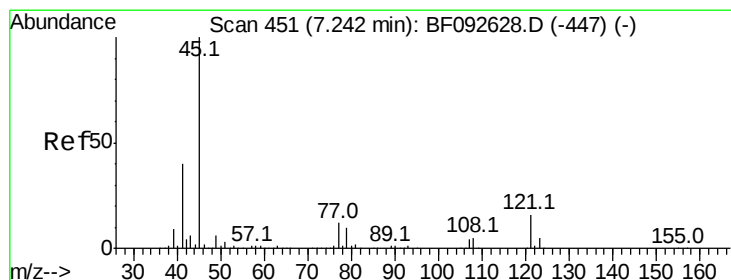
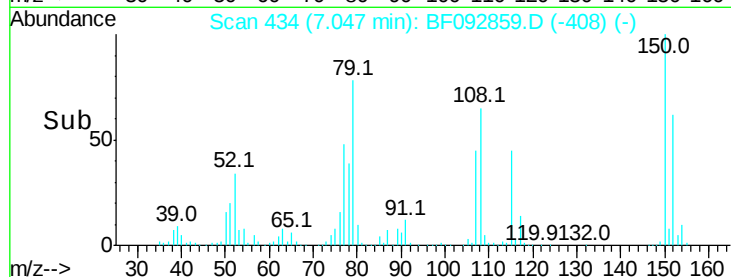
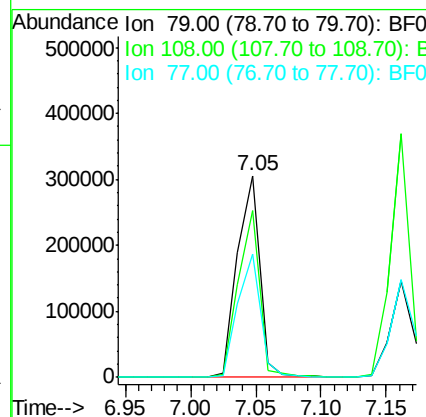
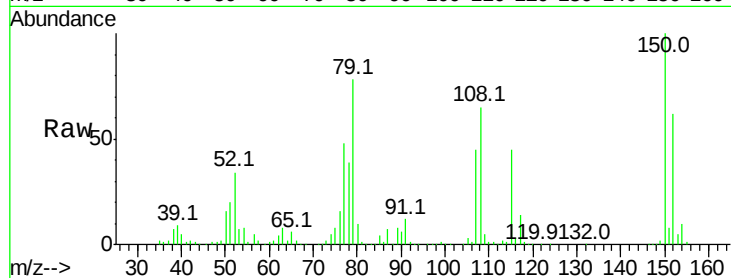
ClientSampleID :

PB96823BS

Tot Ion:	79	Resp:	365814
Ion Ratio	Lower	Upper	
79	100		
108	82.5	61.4	92.0
77	61.0	50.9	76.3

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.18 ng

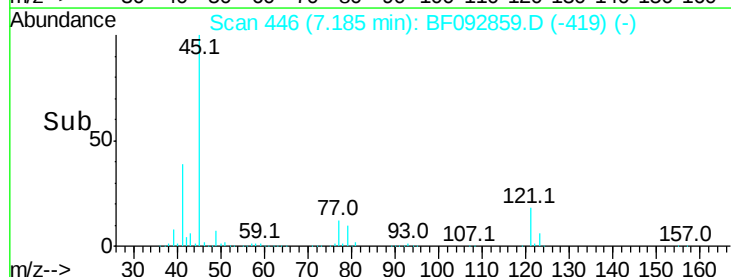
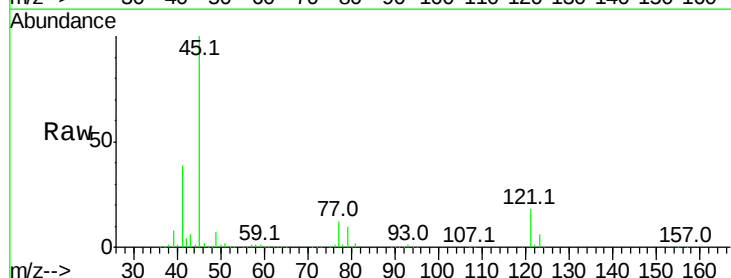
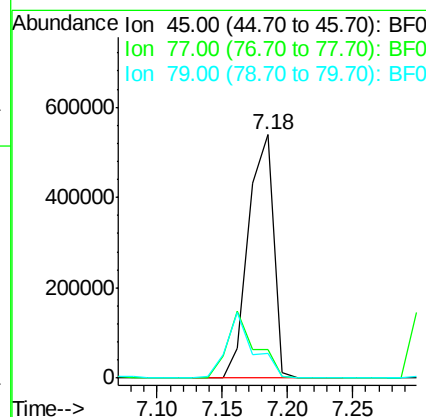
RT: 7.18 min Scan# 446

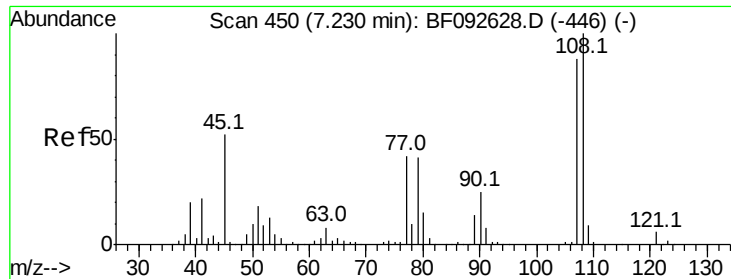
Delta R.T. 0.01 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Tgt Ion:	45	Resp:	719214
Ion Ratio	Lower	Upper	
45	100		
77	11.8	0.0	34.6
79	10.2	0.0	31.2





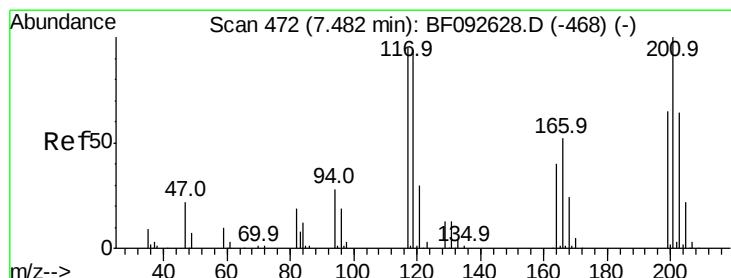
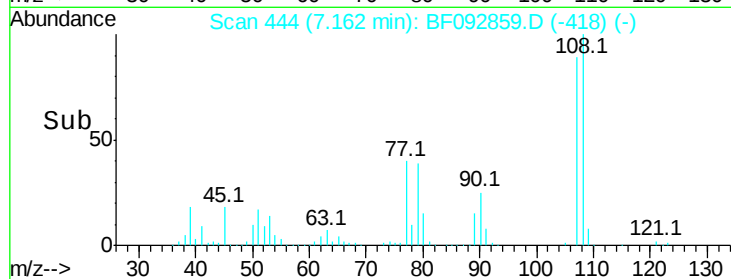
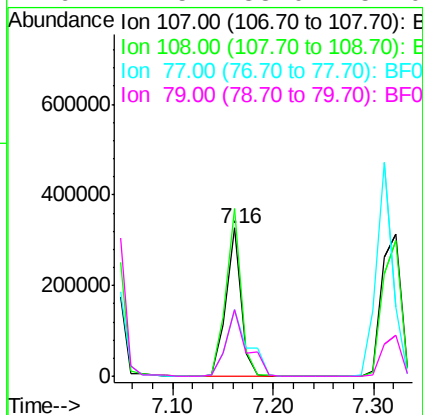
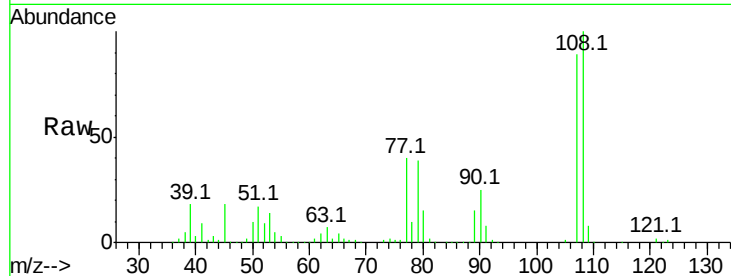
#17
2-Methylphenol
Concen: 43.41 ng
RT: 7.16 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.7	93.0	139.6	
77	45.1	39.8	59.8	
79	44.5	38.0	57.0	

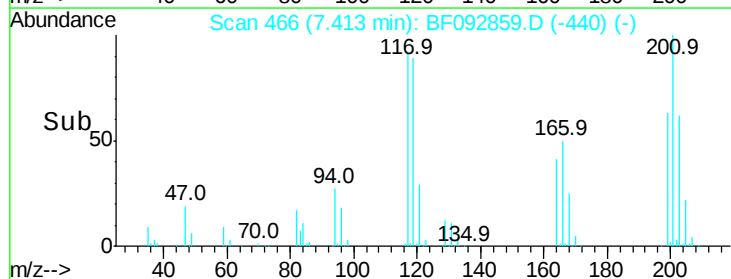
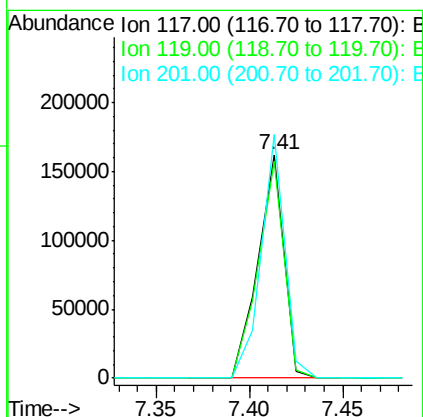
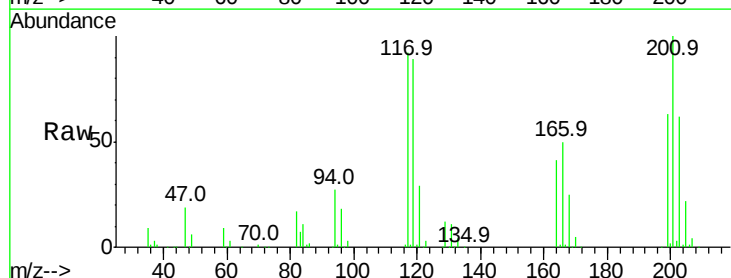
Manual Integrations
APPROVED

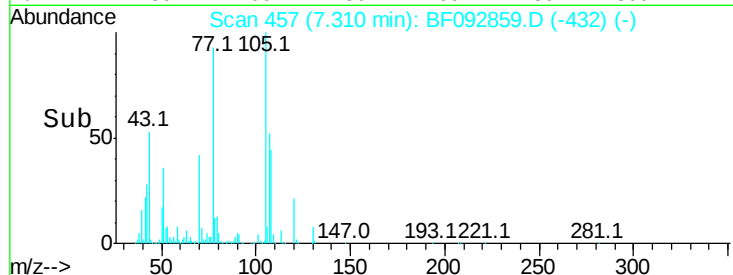
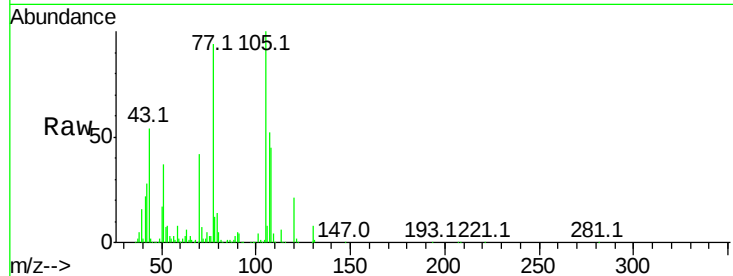
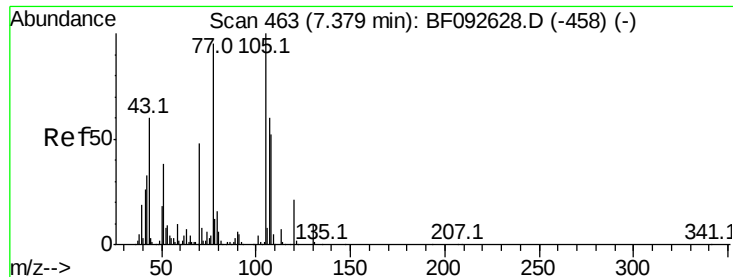
mohammad
2/9/2017 12:31:13 PM



#18
Hexachloroethane
Concen: 41.56 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	78.1	117.1	
201	109.0	78.6	117.8	





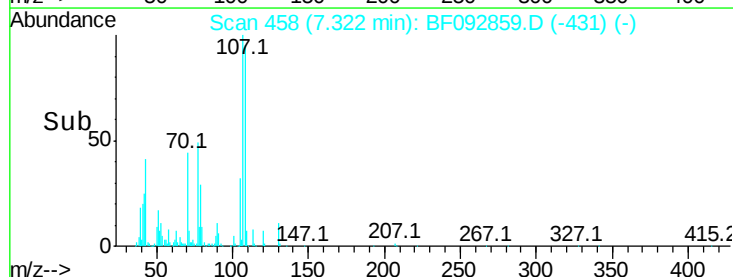
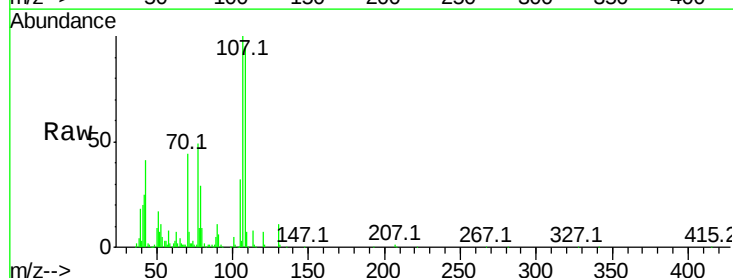
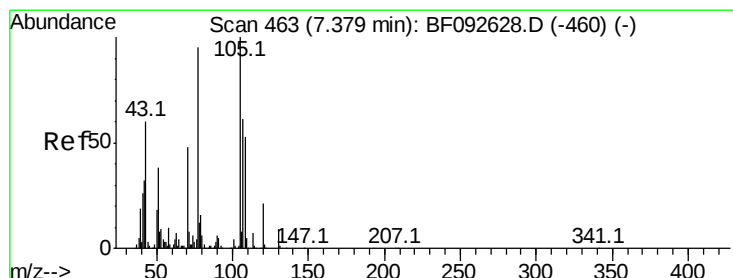
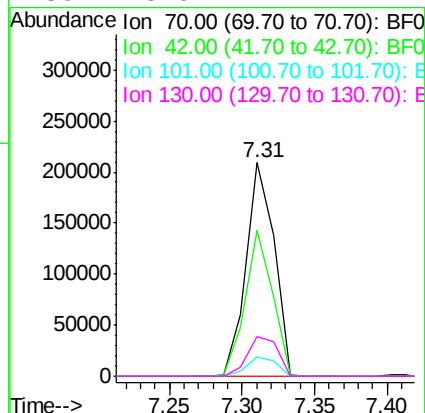
#19
n-Nitroso-di-n-propylamine
Concen: 41.06 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Manual Integrations
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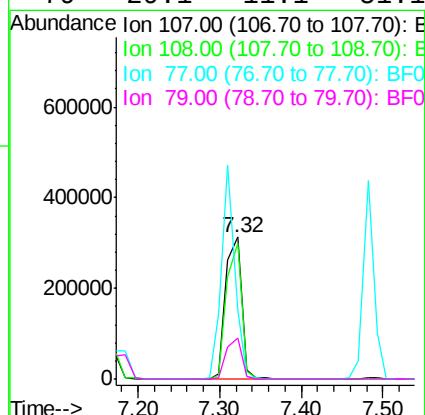
mohammad
2/9/2017 12:31:13 PM

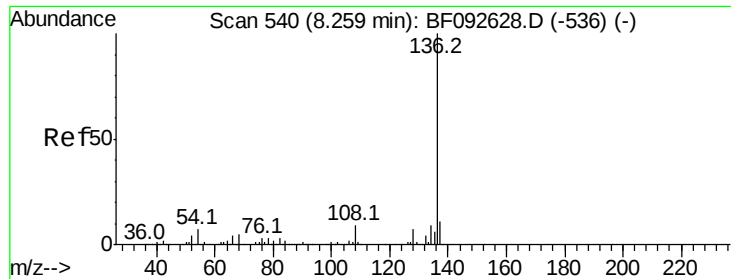
Tot Ion	Ratio	Lower	Upper
70	100		
42	68.3	49.4	74.0
101	9.0	7.4	11.2
130	18.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 44.44 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.3	73.0	113.0
77	48.7	71.3	111.3#
79	29.1	11.1	51.1





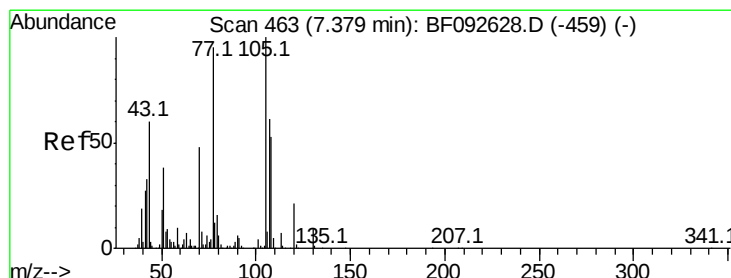
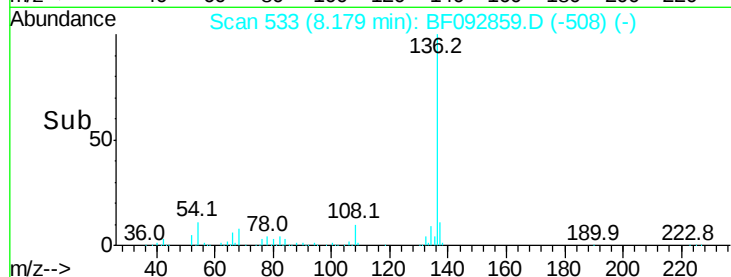
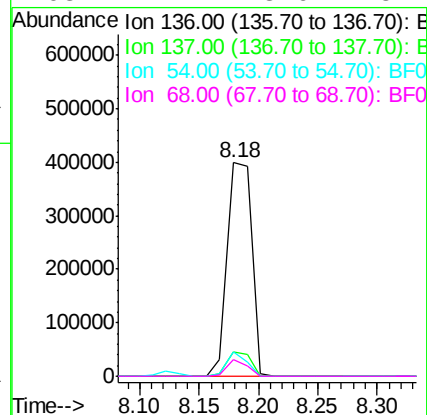
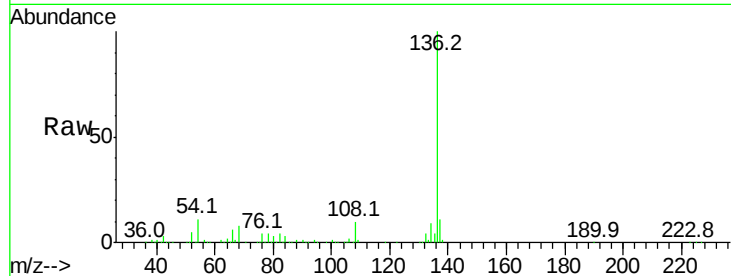
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	568122		
137	11.2		8.4	12.6
54	11.3		4.5	6.7#
68	7.7		3.6	5.4#

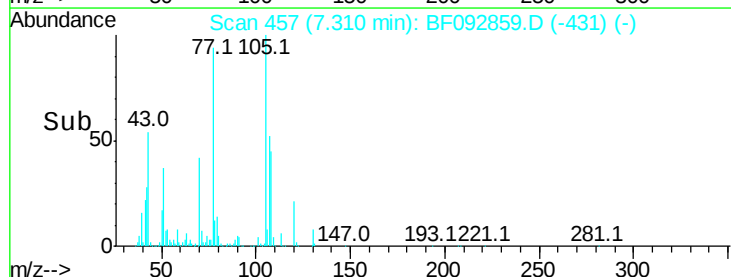
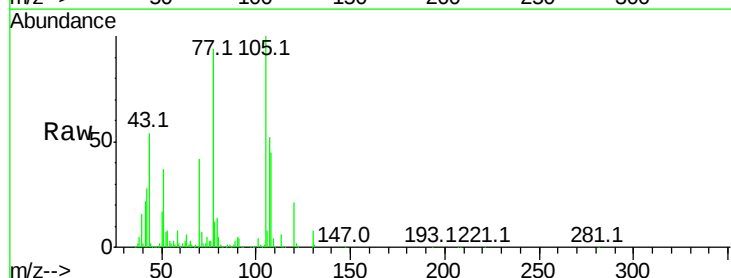
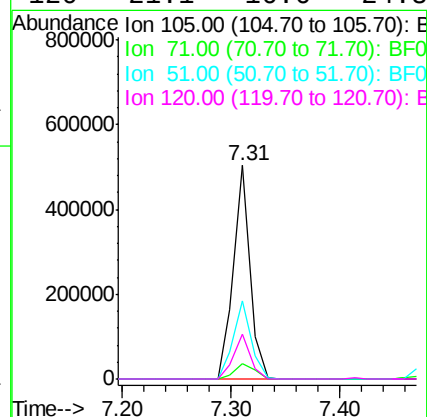
Manual Integrations
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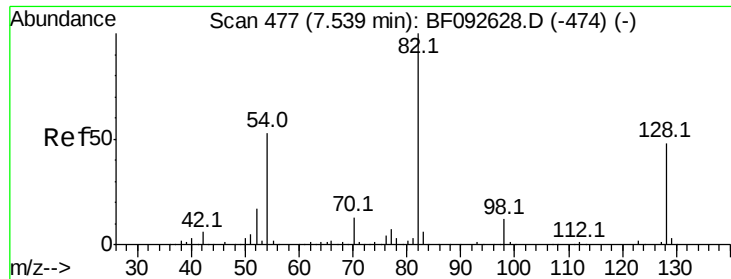
mohammad
2/9/2017 12:31:13 PM



#22
Acetophenone
Concen: 40.73 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	528279		
71	6.9		3.2	4.8#
51	36.8		26.2	39.4
120	21.1		16.6	24.8





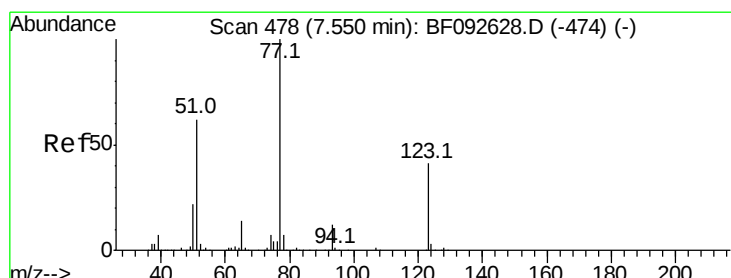
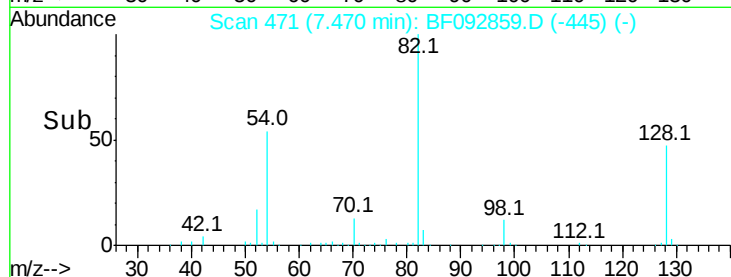
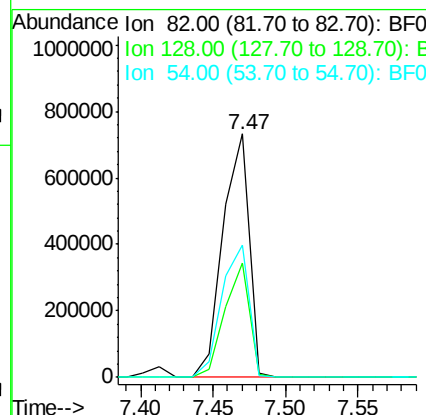
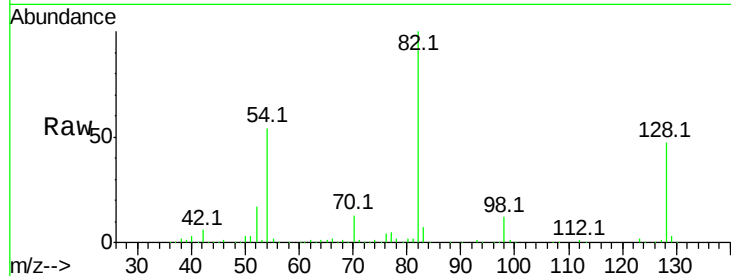
#23
Nitrobenzene-d5
Concen: 90.06 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.1	34.6	52.0	
54	54.4	39.5	59.3	

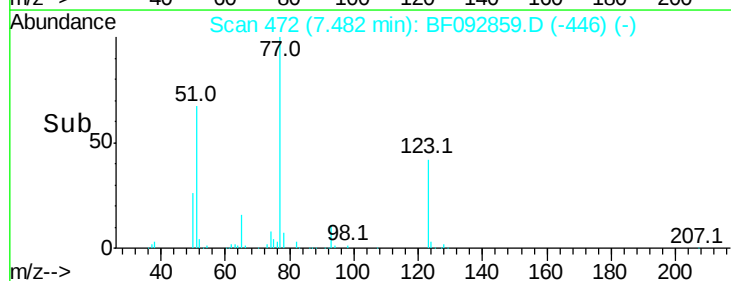
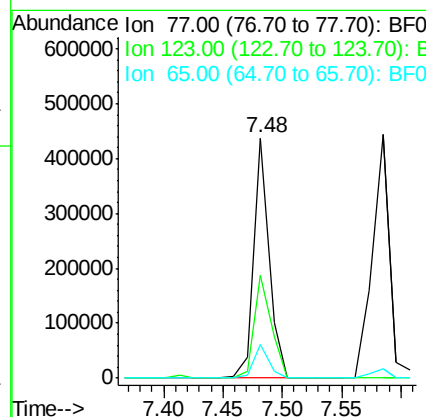
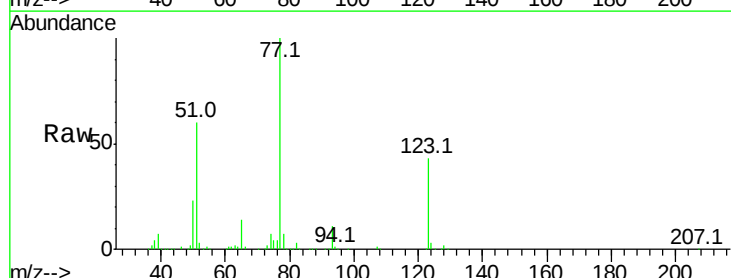
Manual Integrations
APPROVED

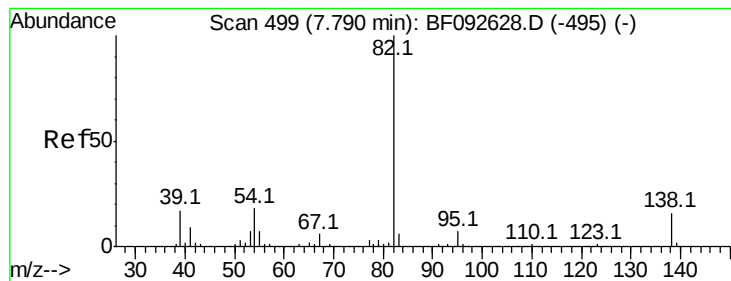
mohammad
2/9/2017 12:31:13 PM



#24
Nitrobenzene
Concen: 38.11 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.6	33.0	49.4	
65	14.0	11.2	16.8	





#25

Isophorone

Concen: 41.05 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

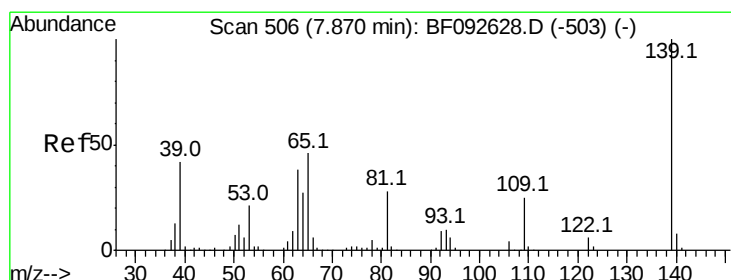
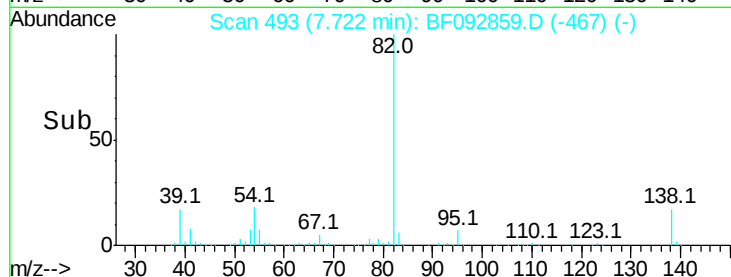
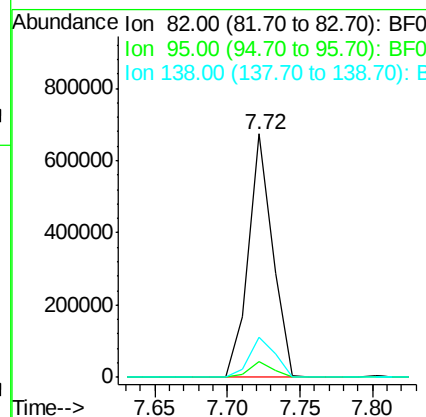
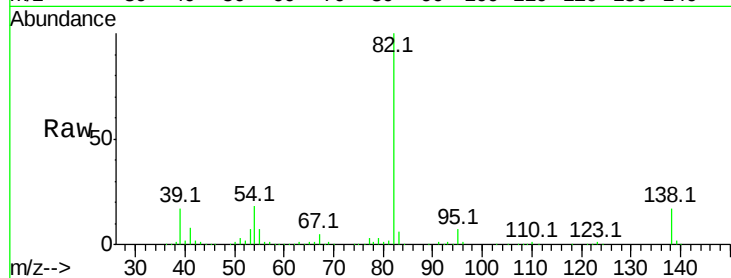
ClientSampleId :

PB96823BS

Tot Ion:	82	Resp:	780314
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.6	8.4
138	16.7	14.6	22.0

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#26

2-Nitrophenol

Concen: 45.12 ng

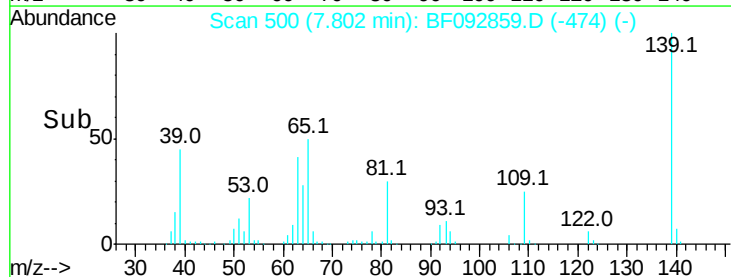
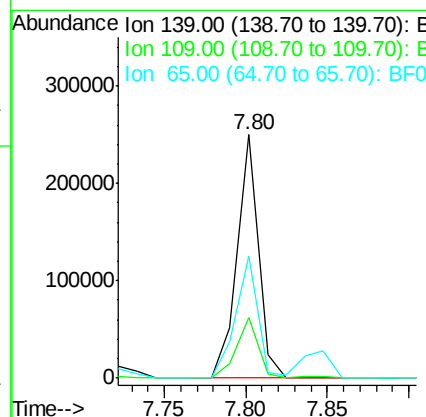
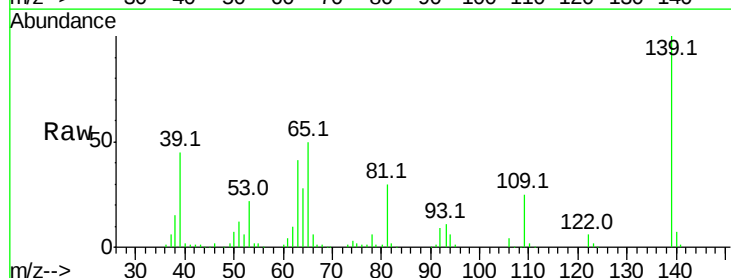
RT: 7.80 min Scan# 500

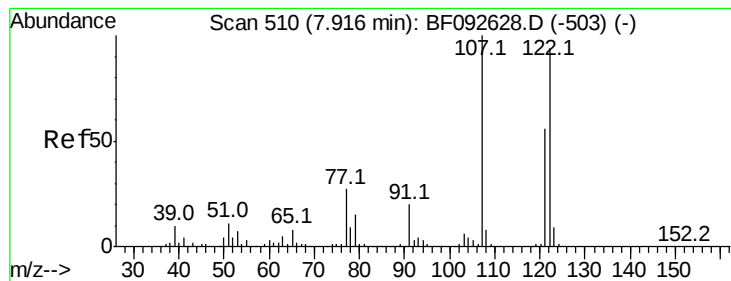
Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Tgt Ion:	139	Resp:	224662
Ion Ratio	Lower	Upper	
139	100		
109	25.1	23.3	34.9
65	50.2	42.7	64.1





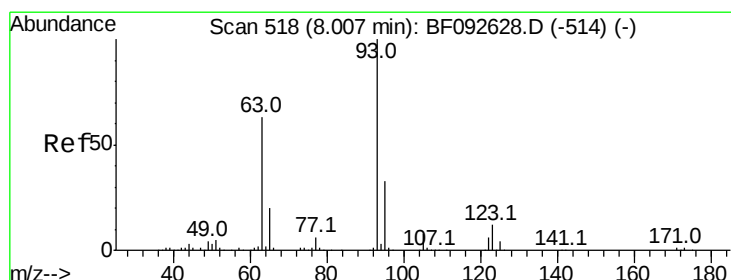
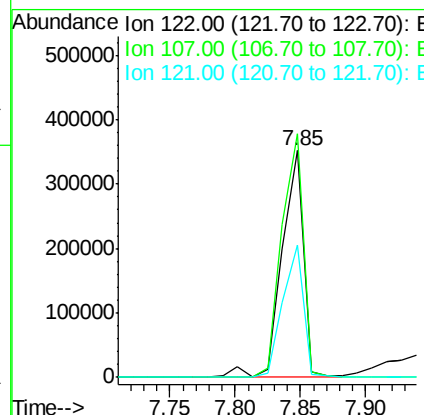
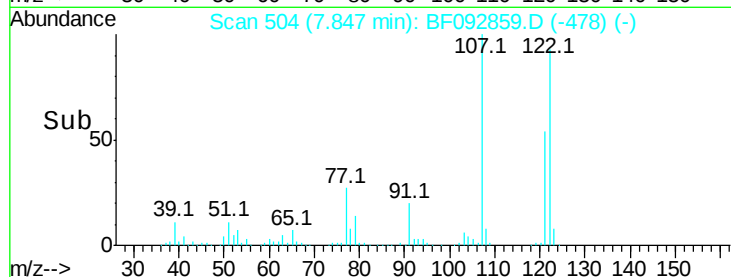
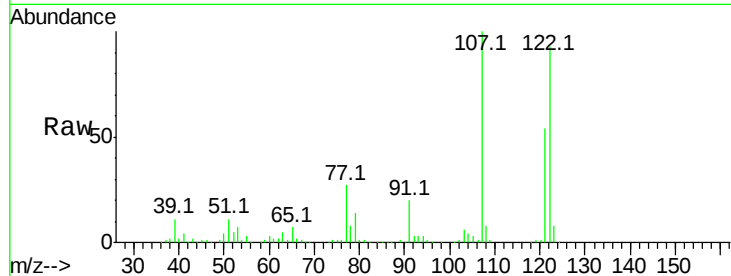
#27
 2,4-Dimethylphenol
 Concen: 46.78 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	409128		
107	107.4	94.1	141.1	
121	58.1	46.0	69.0	

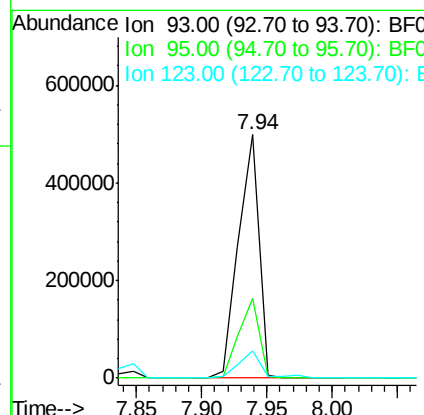
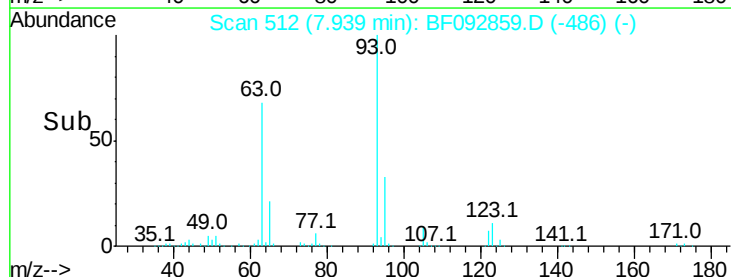
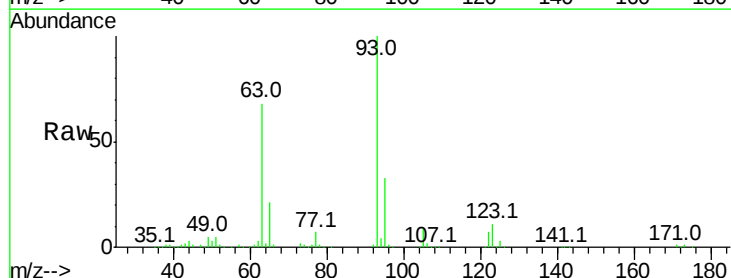
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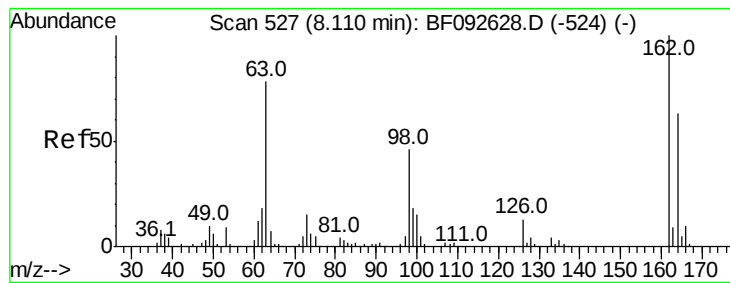
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#28
 bis(2-Chloroethoxy)methane
 Concen: 43.01 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	541578		
95	32.7	26.5	39.7	
123	11.3	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 42.97 ng

RT: 8.04 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

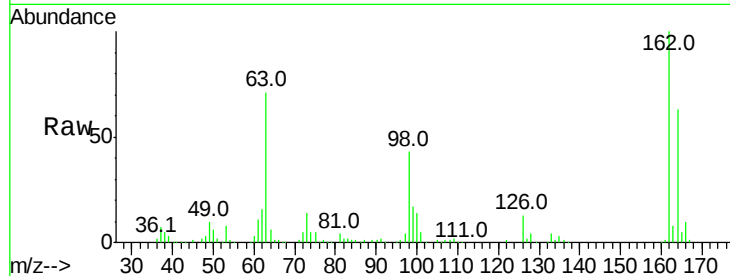
ClientSampleId :

PB96823BS

Tot Ion:	162	Resp:	350496
Ion Ratio	Lower	Upper	
162	100		
164	62.8	46.8	86.8
98	42.8	9.1	49.1

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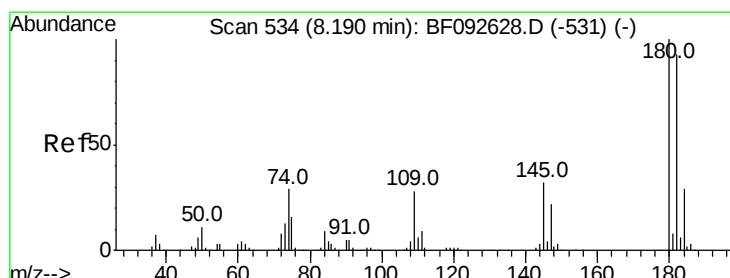
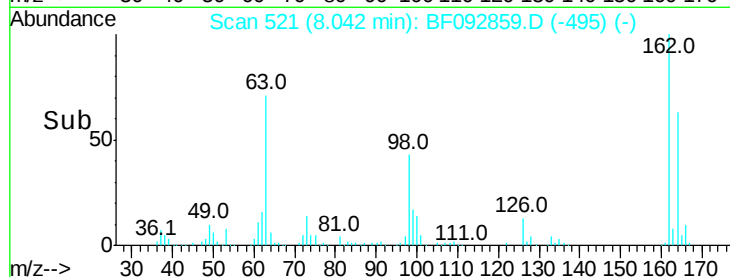
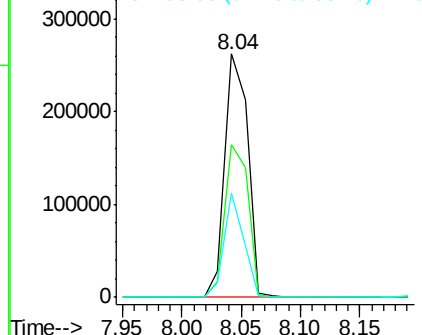
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 41.40 ng

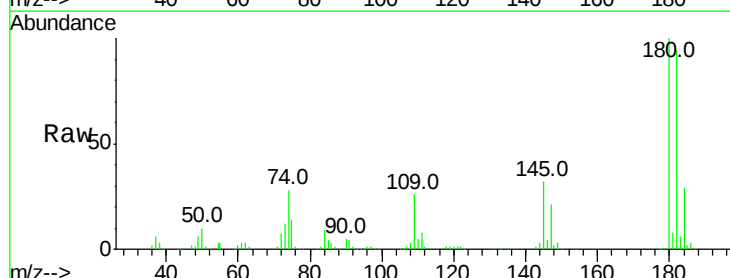
RT: 8.12 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

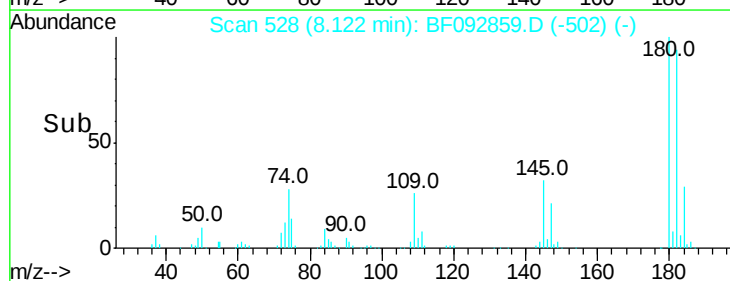
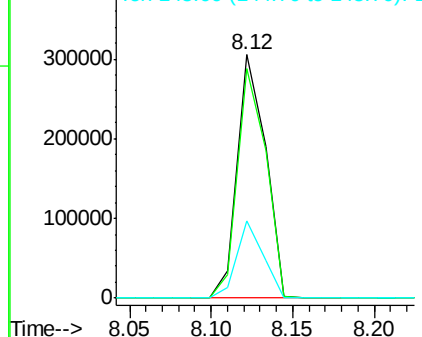
Tgt Ion:	180	Resp:	363899
Ion Ratio	Lower	Upper	
180	100		
182	94.3	78.2	117.4
145	31.8	21.6	32.4

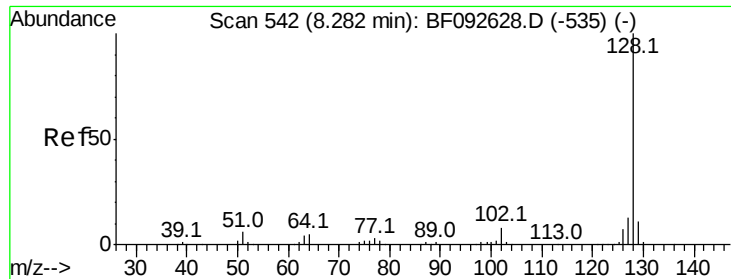


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





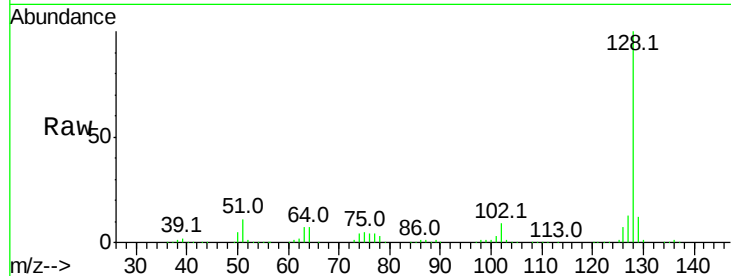
#31
Naphthalene
Concen: 39.09 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

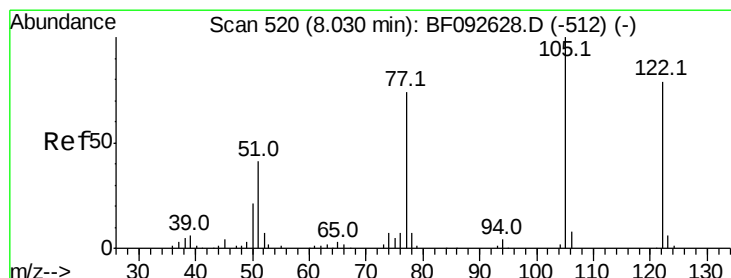
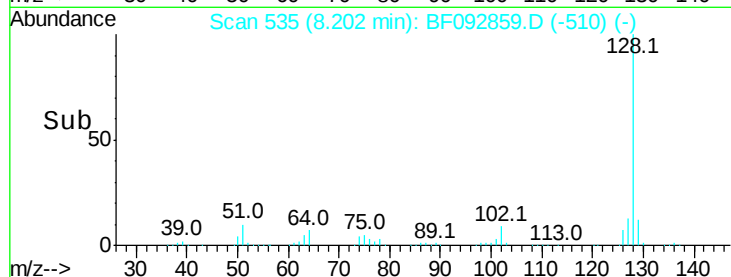
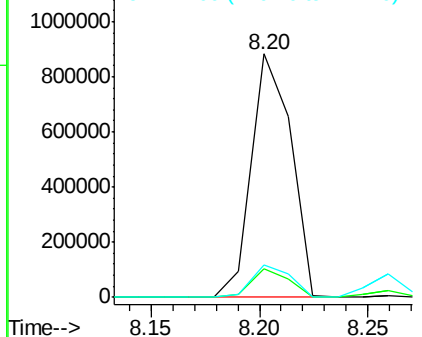
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	13.4	10.8	16.2

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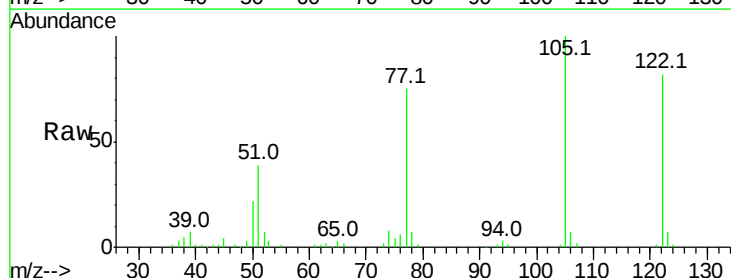


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

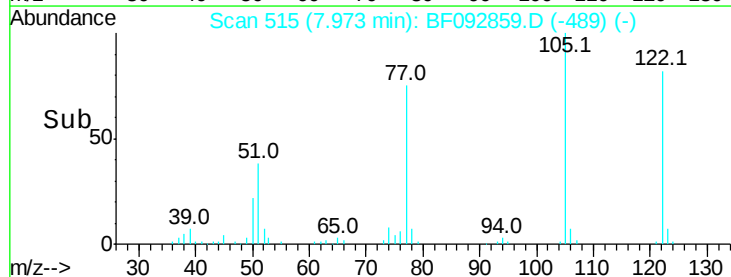
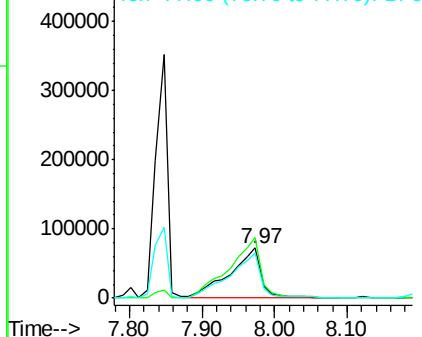


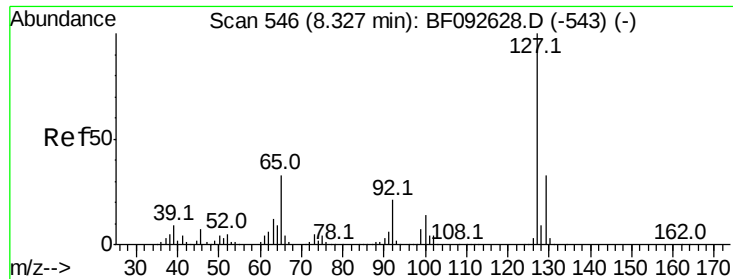
#32
Benzoic acid
Concen: 43.79 ng
RT: 7.97 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	107.2	147.2
77	91.5	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





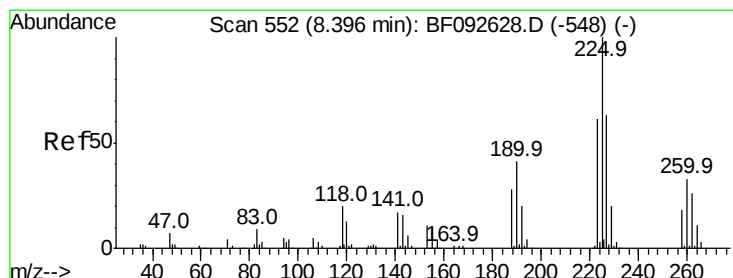
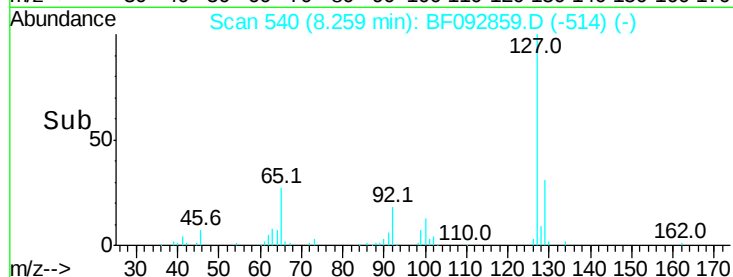
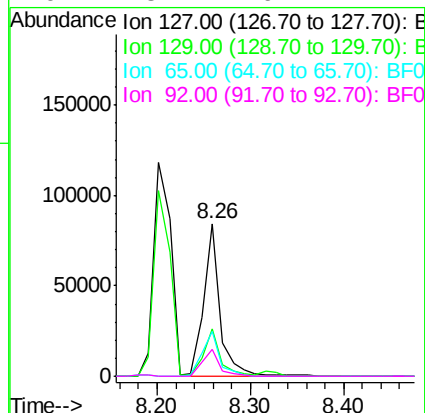
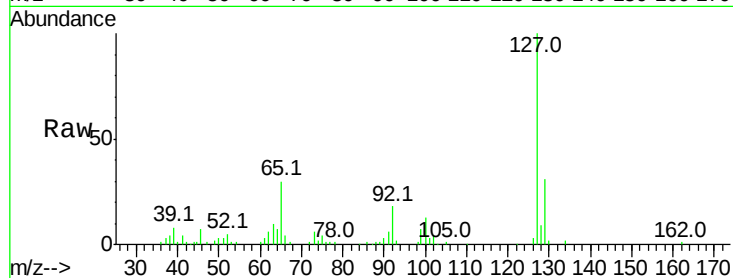
#33
4-Chloroaniline
Concen: 9.19 ng
RT: 8.26 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.3	39.5		
65	29.7	25.8	38.8		
92	18.1	16.1	24.1		

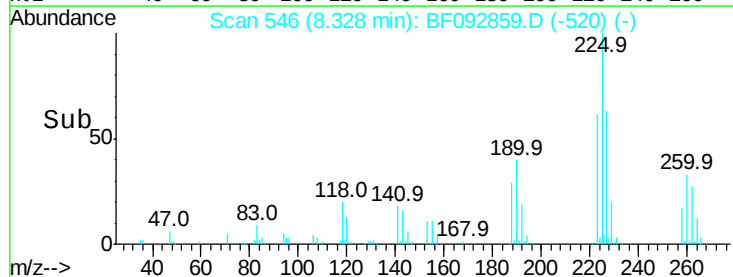
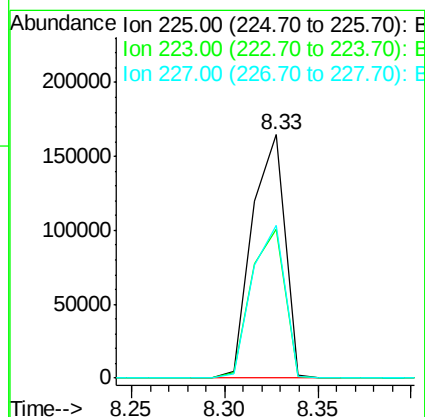
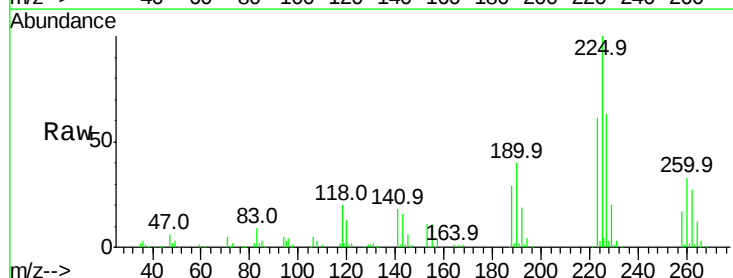
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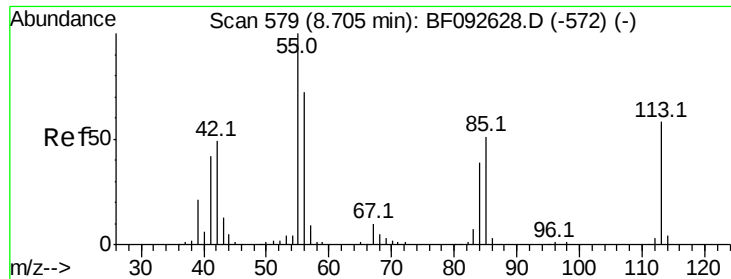
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#34
Hexachlorobutadiene
Concen: 41.30 ng
RT: 8.33 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	51.0	76.6		
227	62.5	50.6	76.0		





#35

Caprolactam

Concen: 44.95 ng/ml

RT: 8.62 min Scan# 572

Delta R.T. -0.01 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleID :

PB96823BS

Tot Ion:113 Resp: 115325

Ion Ratio Lower Upper

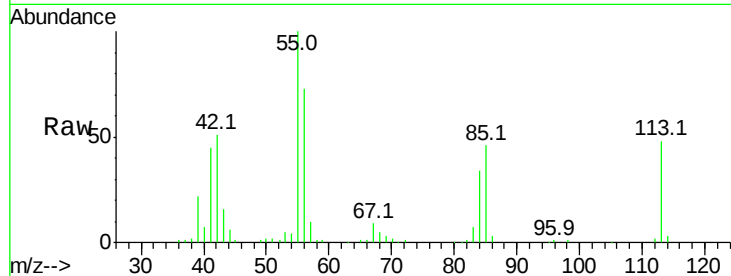
113 100

55 207.5 119.2 159.2#

56 151.6 83.8 123.8#

Manual Integrations
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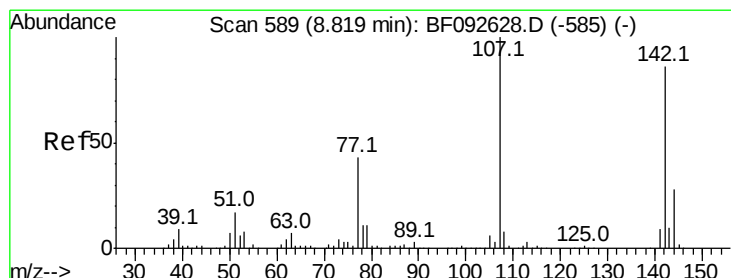
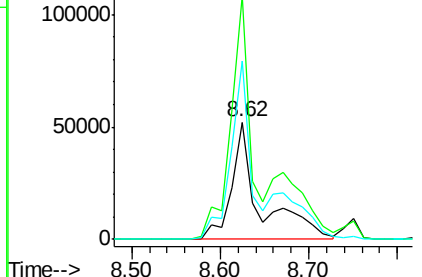
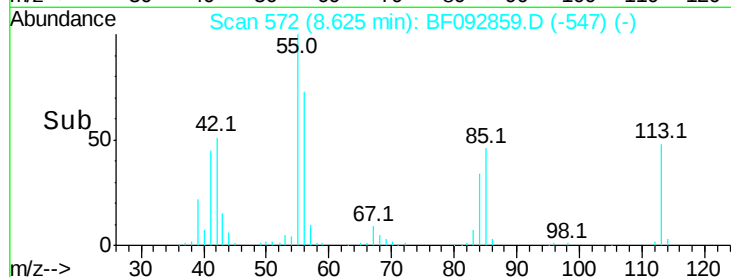
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.40 ng/ml

RT: 8.75 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

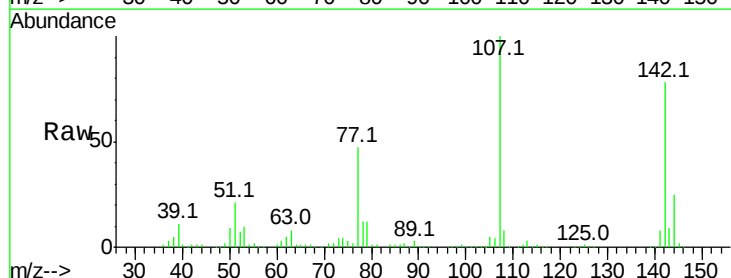
Tgt Ion:107 Resp: 394587

Ion Ratio Lower Upper

107 100

144 24.7 19.3 28.9

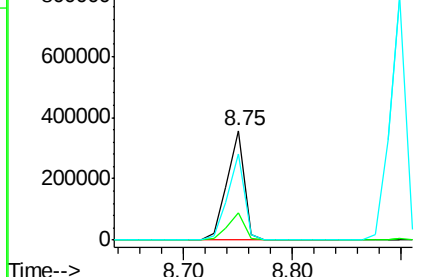
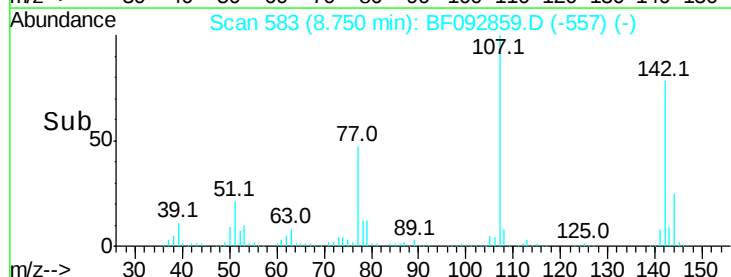
142 77.9 59.0 88.6

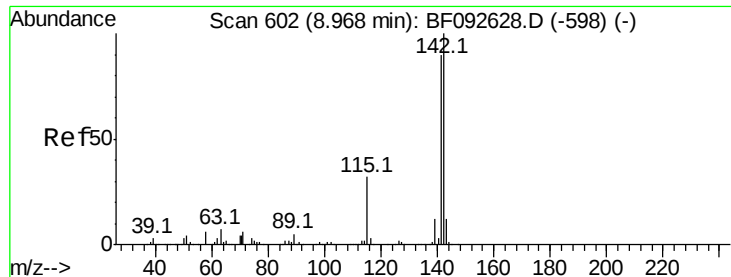


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





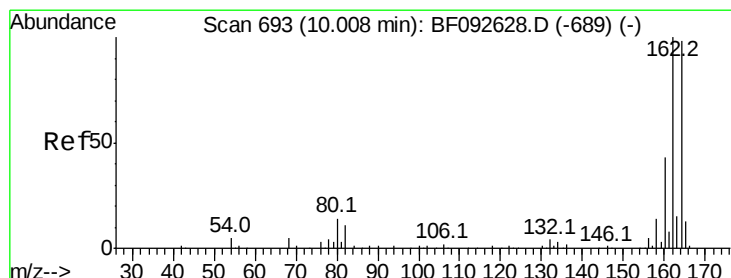
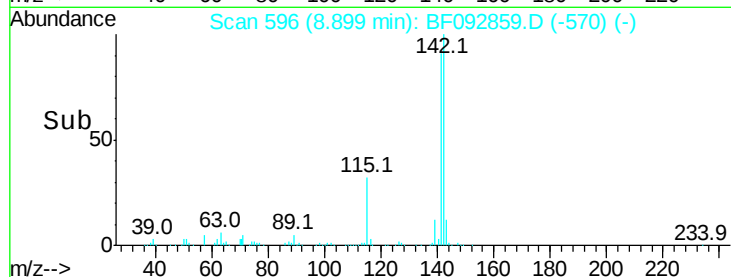
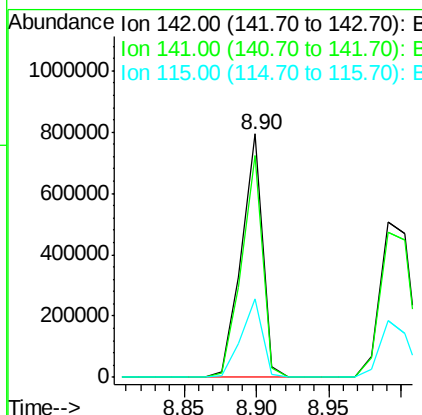
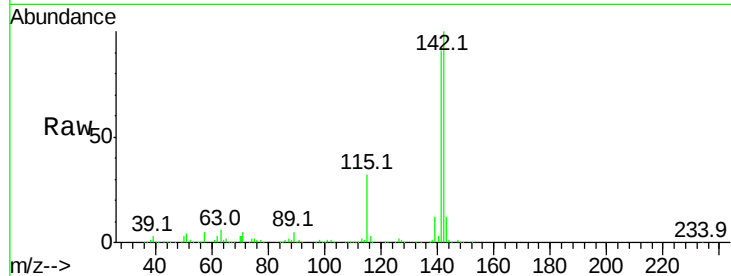
#37
2-Methylnaphthalene
Concen: 43.48 ng
RT: 8.90 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.0	106.6
115	32.1	28.3	42.5

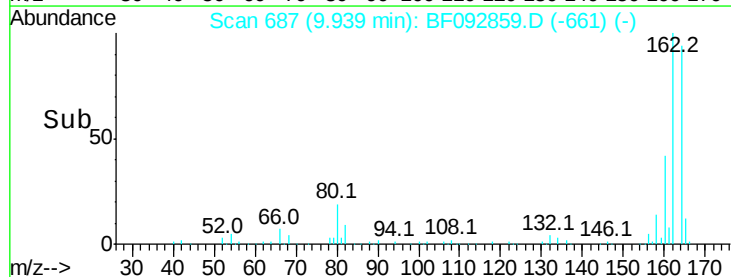
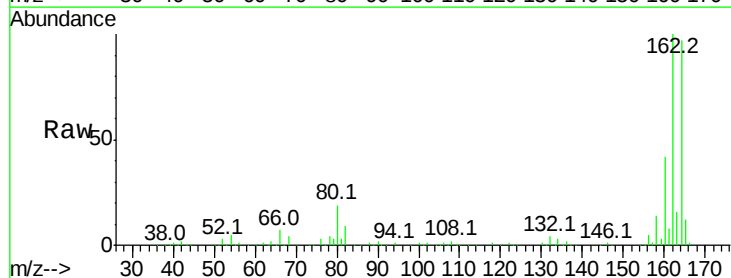
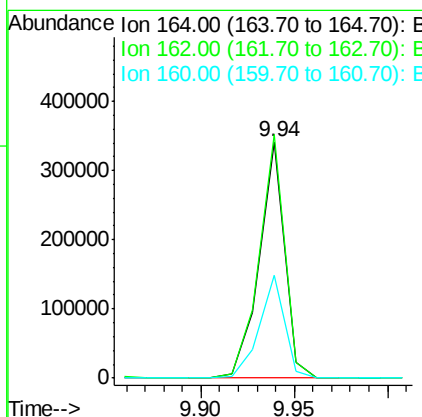
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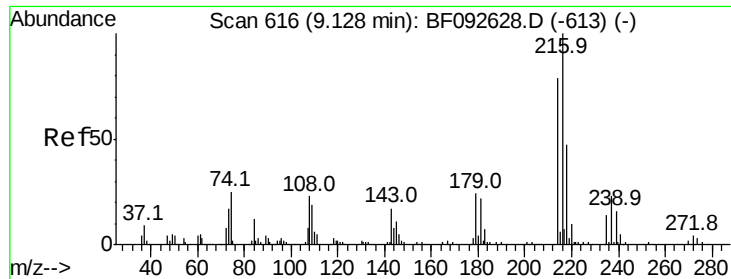
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.2	120.2
160	43.5	36.9	55.3





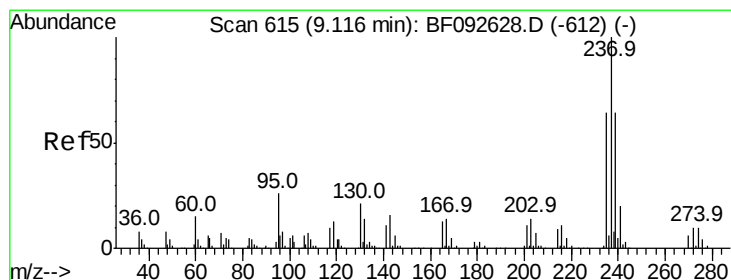
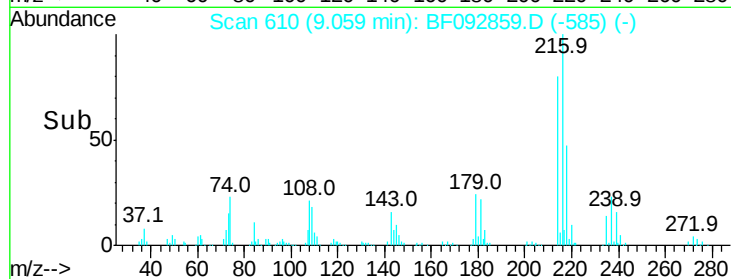
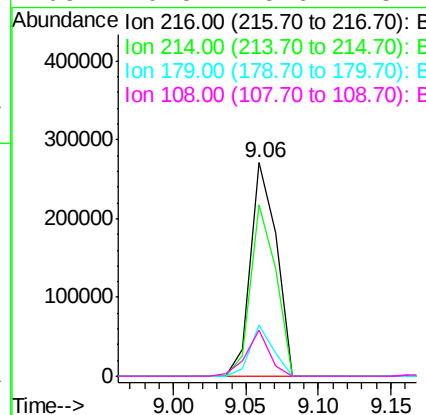
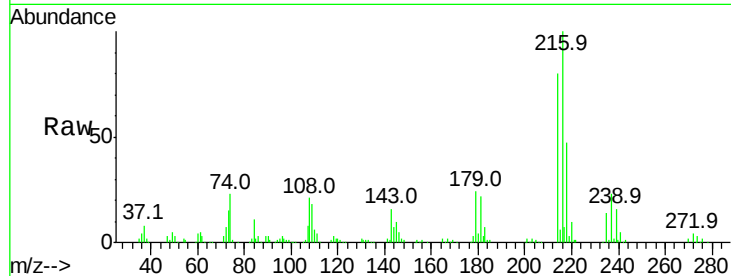
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.37 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	334976		
214	78.3		63.4	95.0
179	21.1		17.4	26.2
108	19.3		15.6	23.4

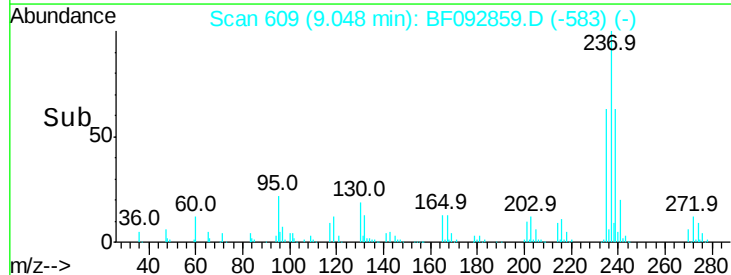
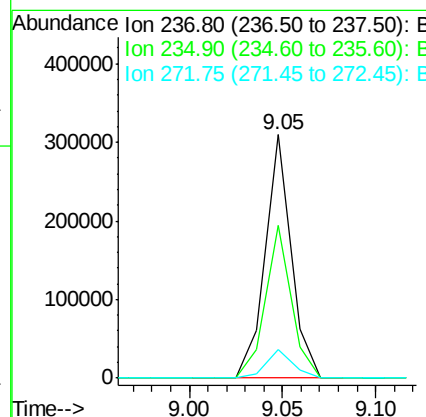
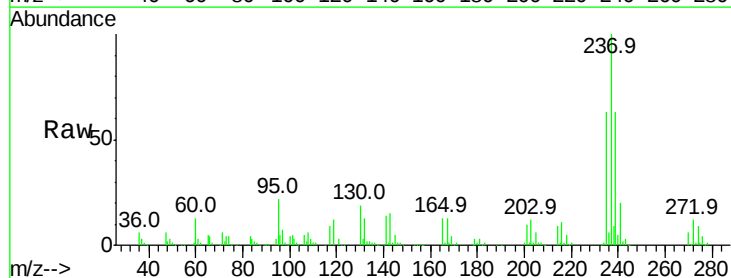
Manual Integrations
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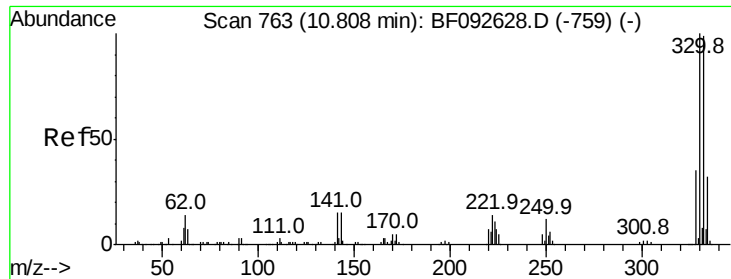
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#40
 Hexachlorocyclopentadiene
 Concen: 73.71 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	298083		
235	62.6		41.2	81.2
272	11.7		0.0	35.4





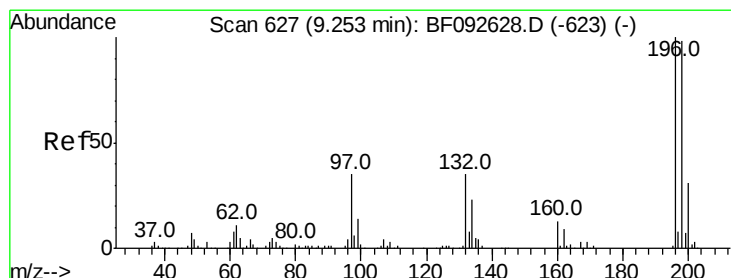
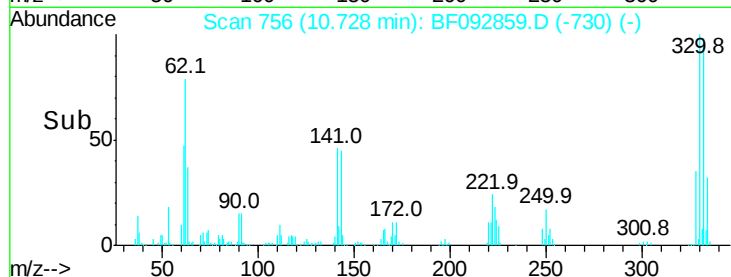
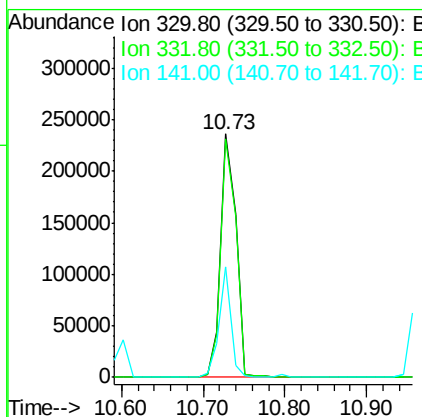
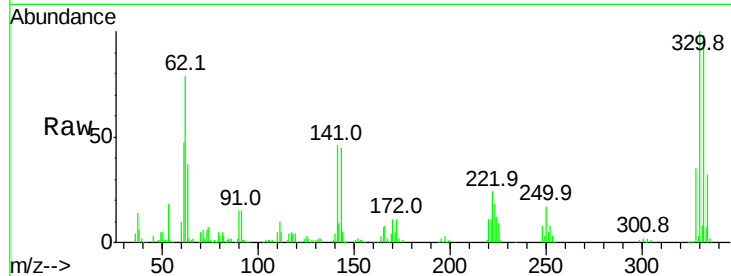
#41
 2,4,6-Tribromophenol
 Concen: 134.39 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	310386		
332	97.3		77.4	116.2
141	35.0		34.1	51.1

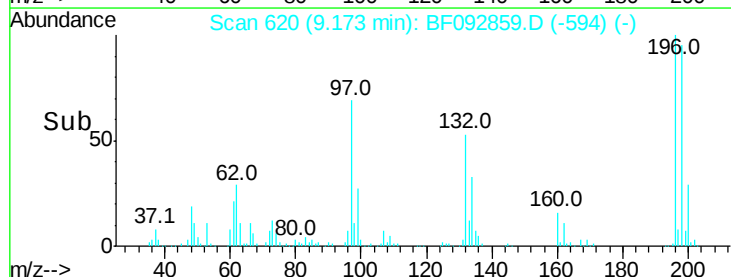
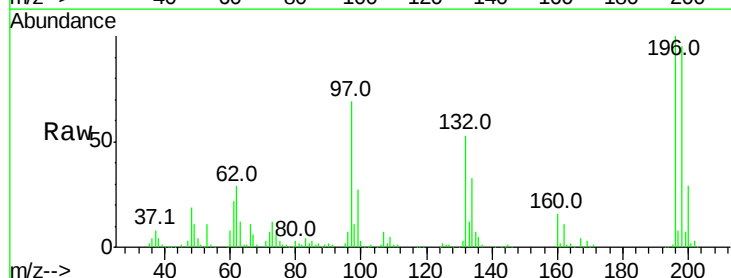
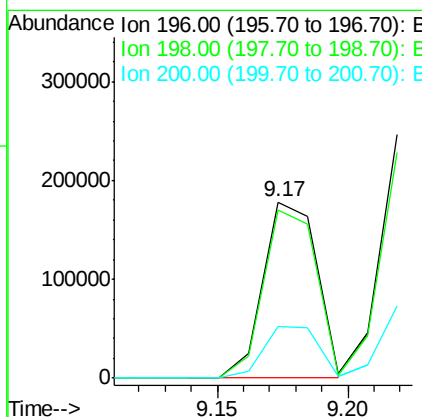
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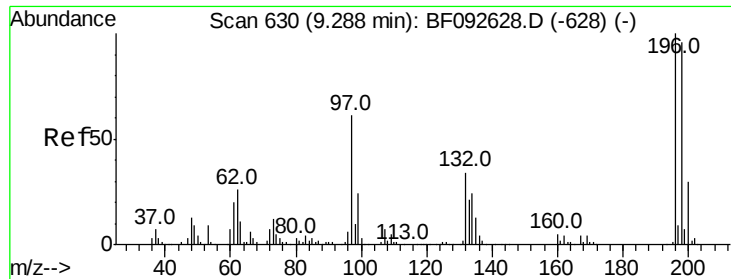
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 43.07 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253672		
198	95.2		82.1	123.1
200	29.5		27.0	40.4





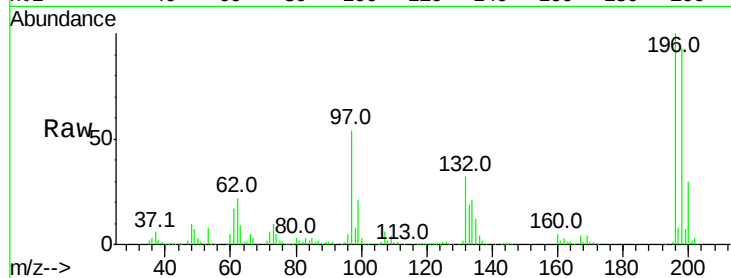
#43
 2,4,5-Trichlorophenol
 Concen: 40.75 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

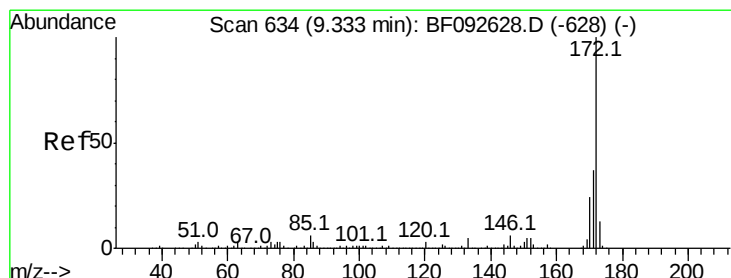
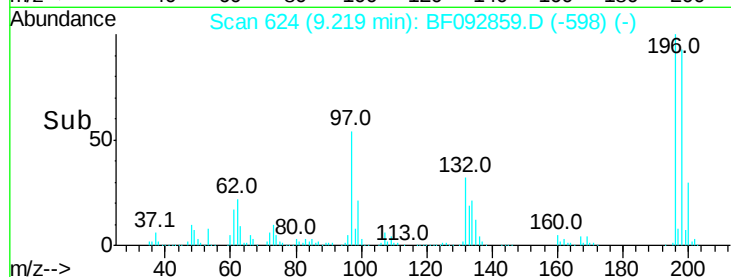
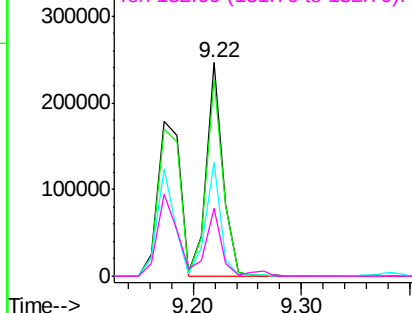
Tot Ion	196	Resp	262980
Ion Ratio	Lower	Upper	
196	100		
198	92.6	79.4	119.2
97	53.6	51.5	77.3
132	31.7	27.4	41.2

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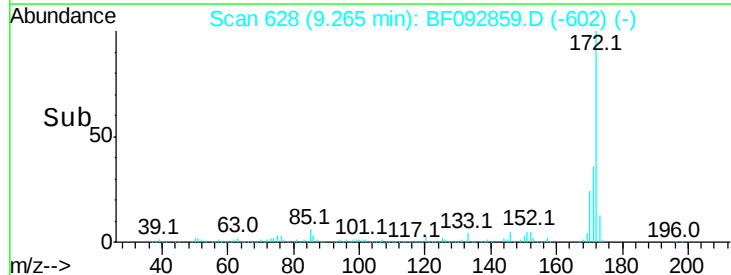
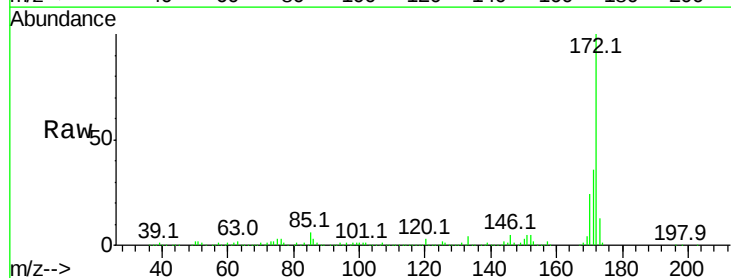
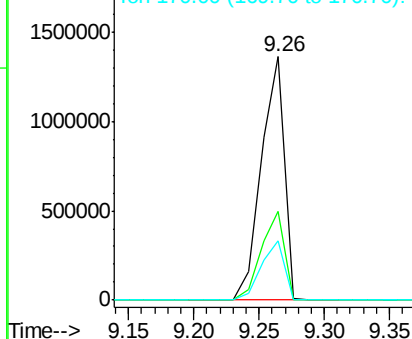
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

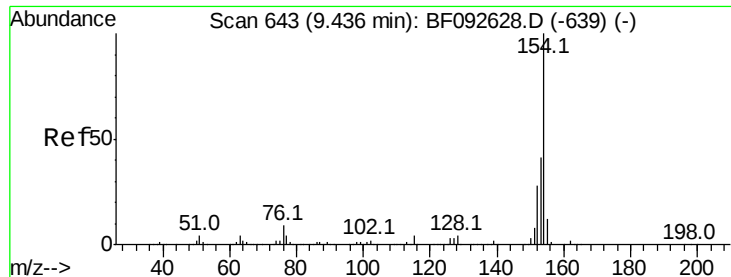


#44
 2-Fluorobiphenyl
 Concen: 95.41 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion	172	Resp	1681704
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.4	44.0
170	24.2	20.2	30.4

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





#45

1,1'-Biphenyl

Concen: 39.54 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

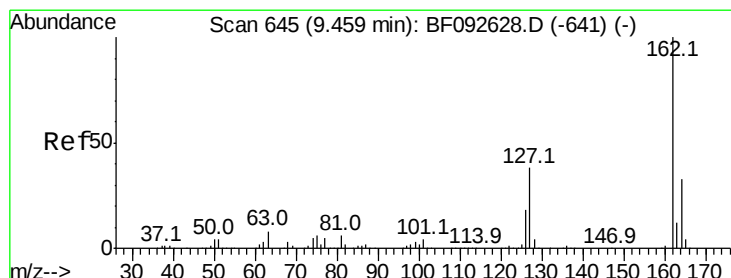
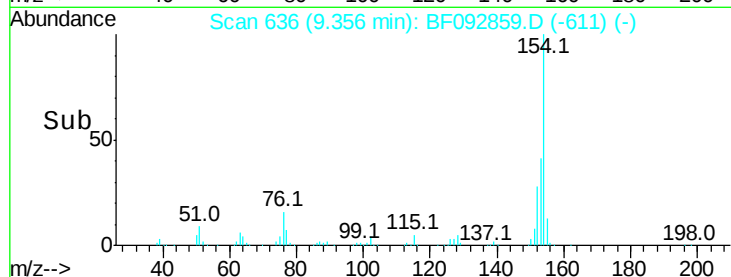
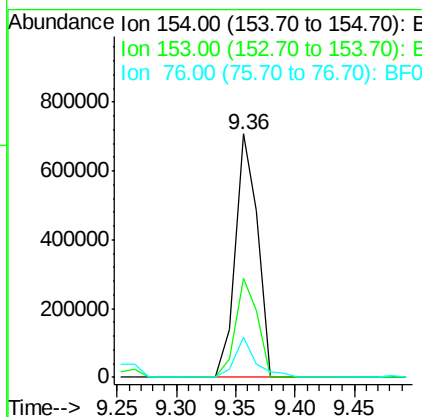
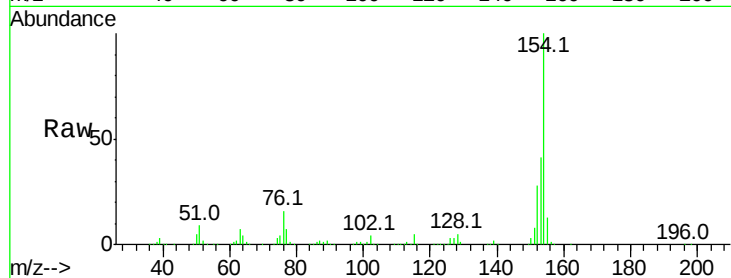
ClientSampleId :

PB96823BS

Tot Ion:	154	Resp:	914307
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.9	60.9
76	16.3	0.0	30.5

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#46

2-Chloronaphthalene

Concen: 42.81 ng

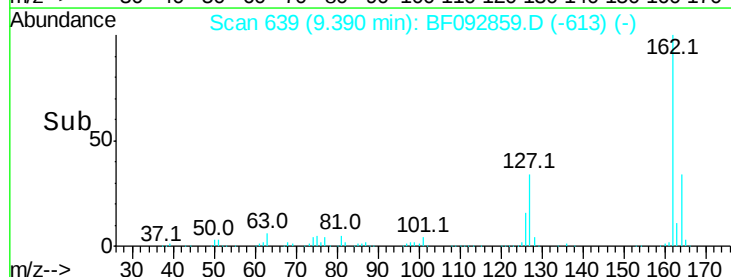
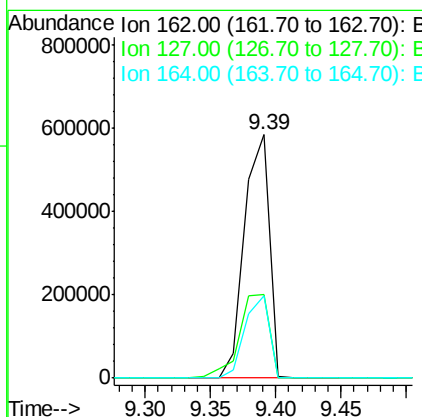
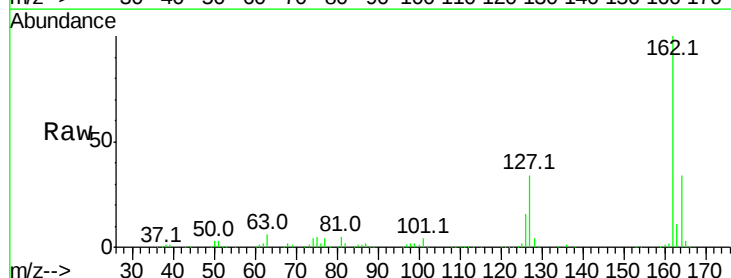
RT: 9.39 min Scan# 639

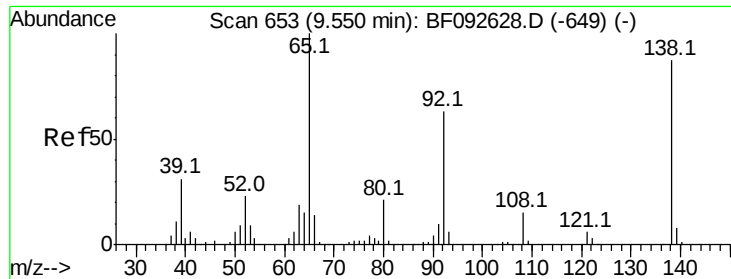
Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Tgt Ion:	162	Resp:	774353
Ion Ratio	Lower	Upper	
162	100		
127	34.3	30.7	46.1
164	33.7	27.6	41.4





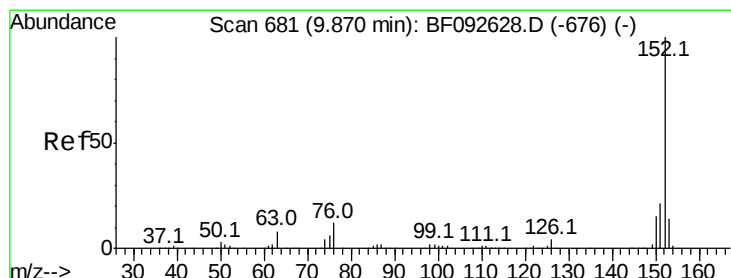
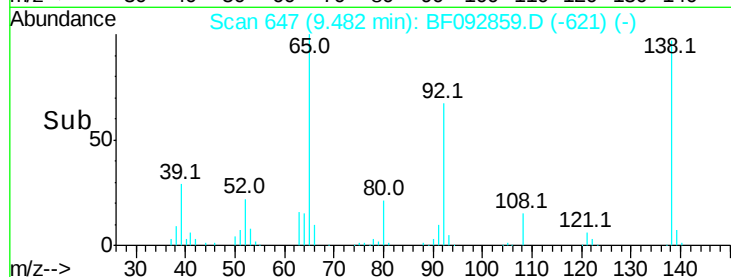
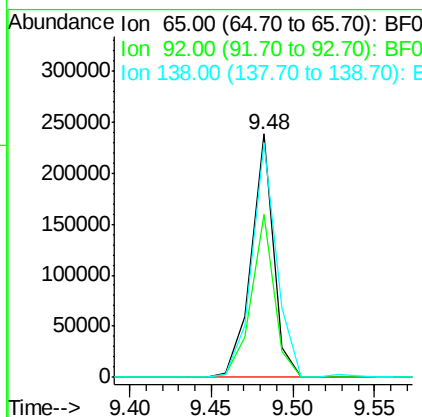
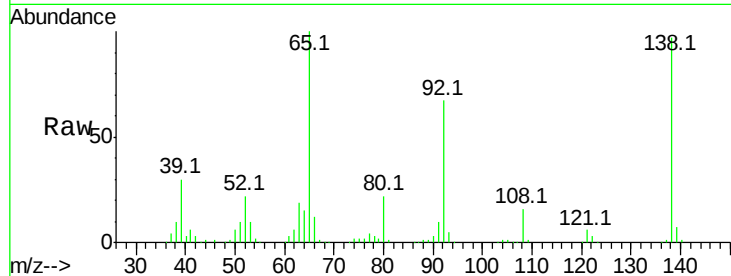
#47
2-Nitroaniline
Concen: 37.45 ng
RT: 9.48 min Scan# 647
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.2	53.9	80.9
138	96.6	76.8	115.2

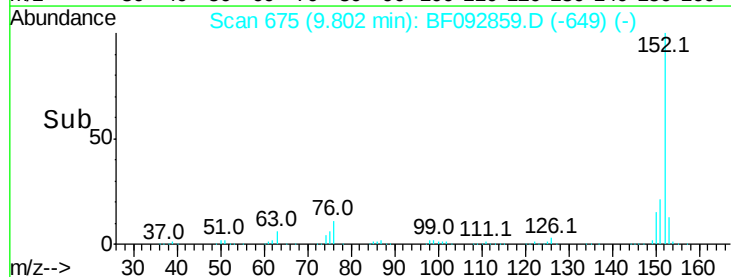
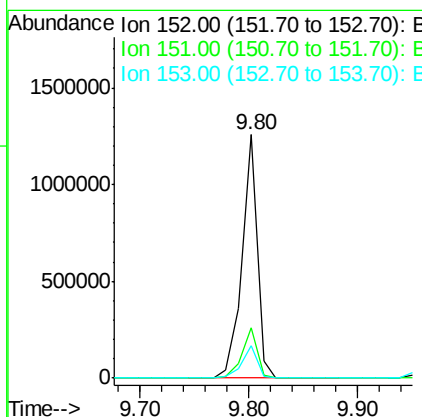
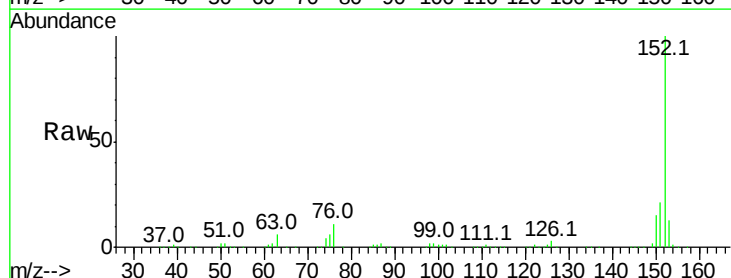
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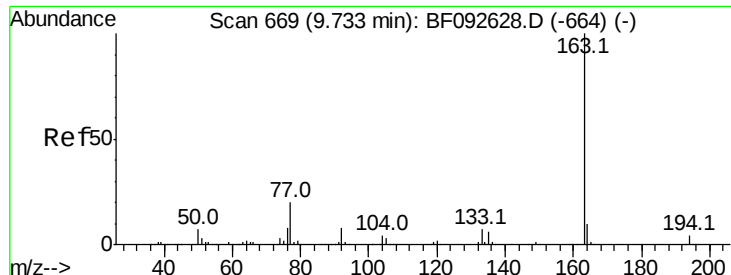
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#48
Acenaphthylene
Concen: 38.50 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.4	11.4	17.2





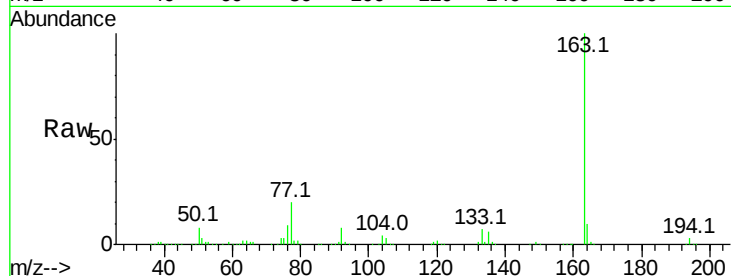
#49
Dimethylphthalate
Concen: 42.07 ng
RT: 9.66 min Scan# 663
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

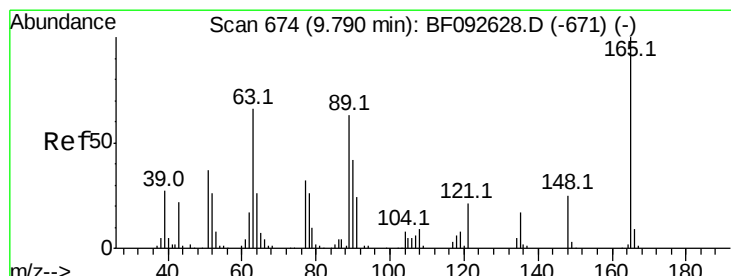
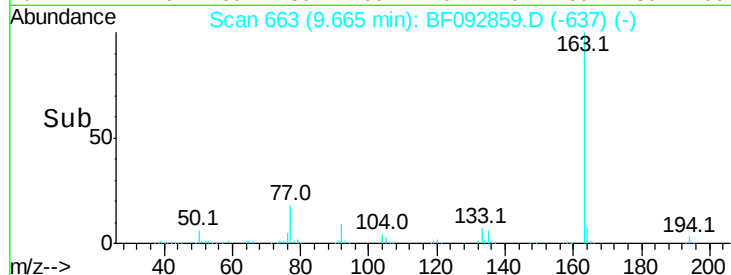
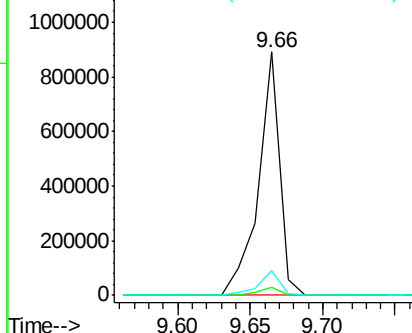
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	3.0	4.4	
164	10.1	8.0	12.0	

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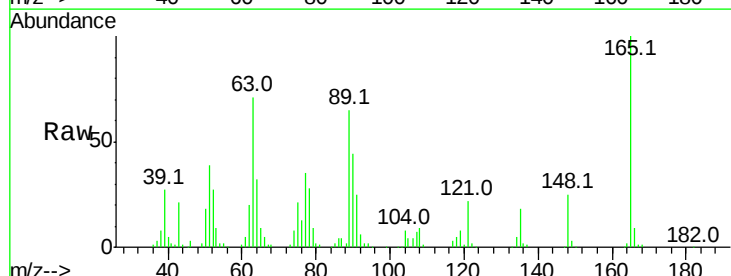


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

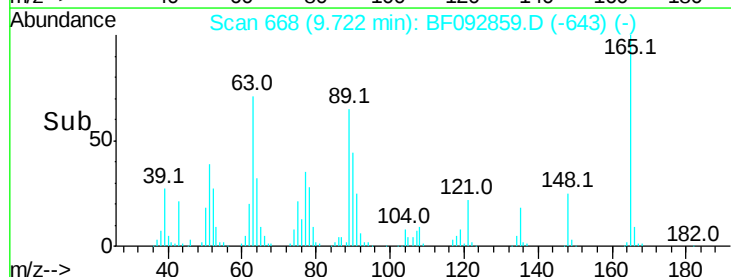
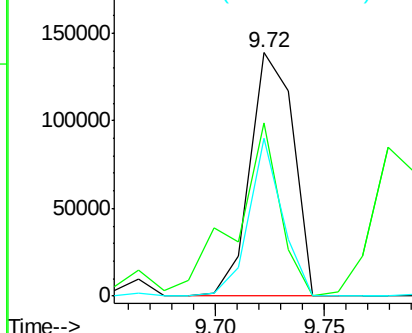


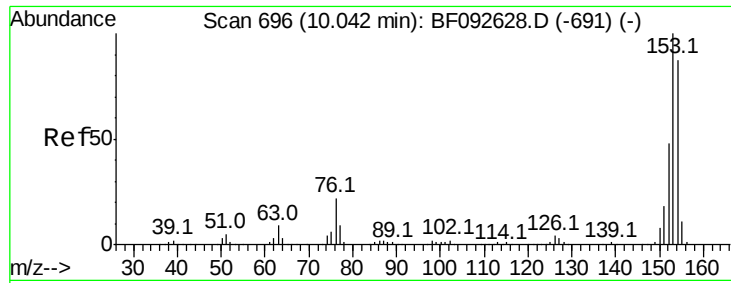
#50
2,6-Dinitrotoluene
Concen: 41.45 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.01 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	71.4	36.2	54.4#	
89	64.8	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





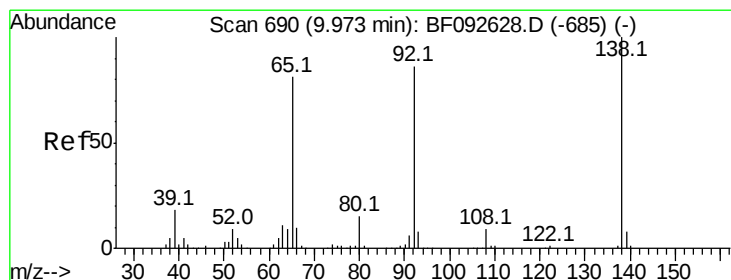
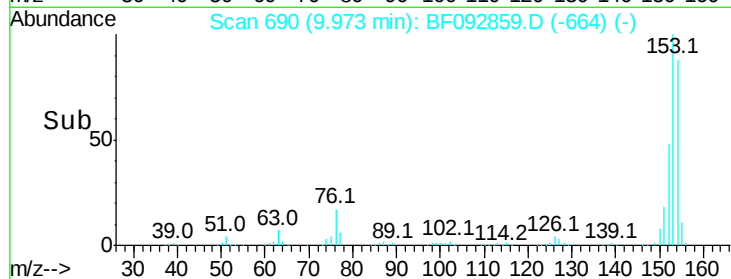
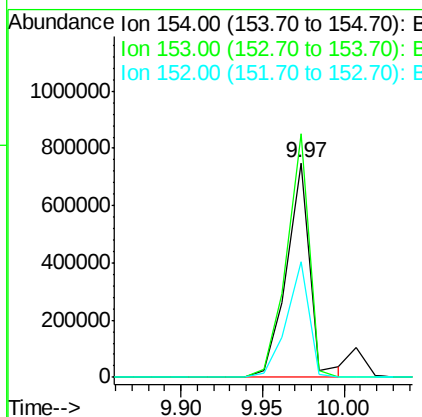
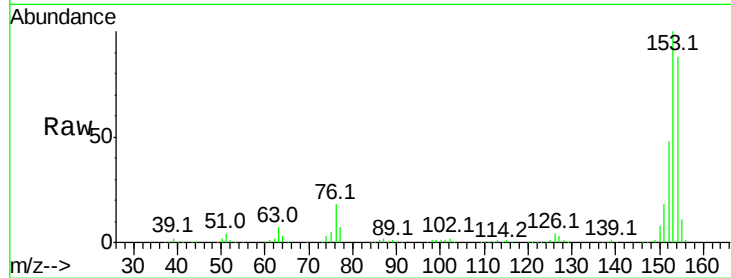
#51
Acenaphthene
Concen: 40.21 ng
RT: 9.97 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.4	88.6	133.0
152	54.1	41.6	62.4

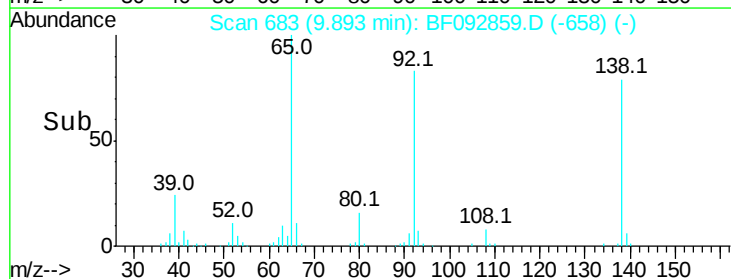
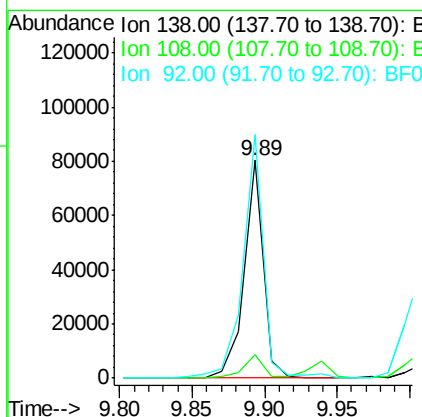
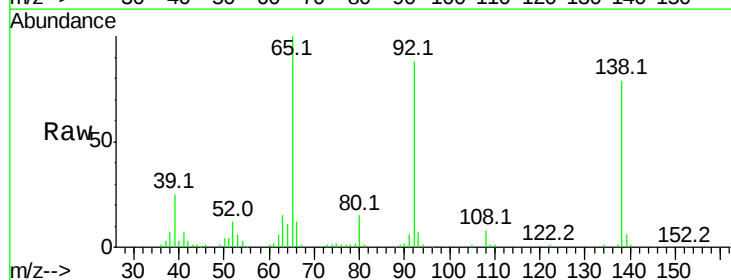
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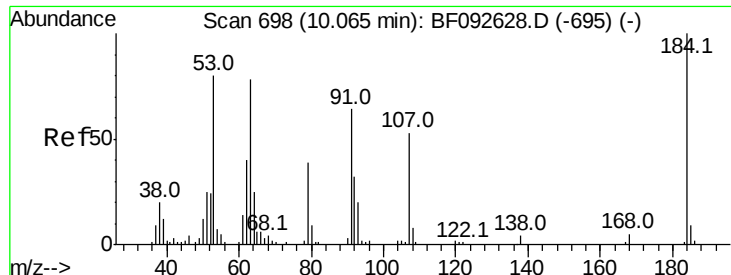
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#52
3-Nitroaniline
Concen: 13.94 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.5	12.7
92	111.7	97.8	146.8





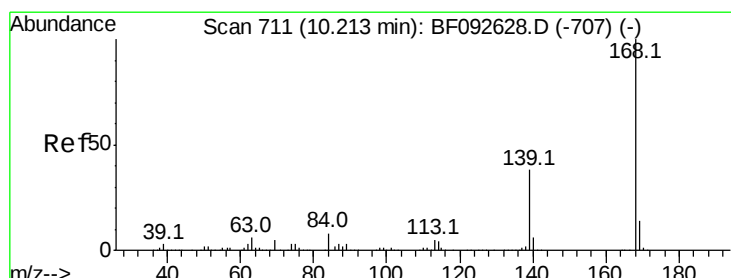
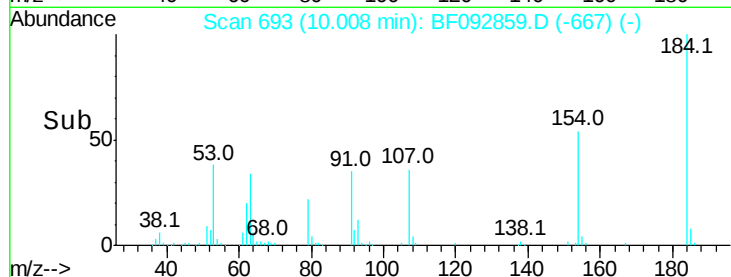
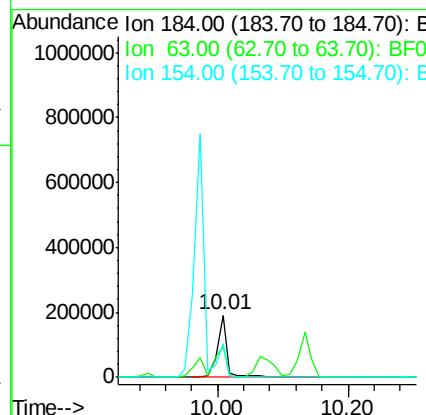
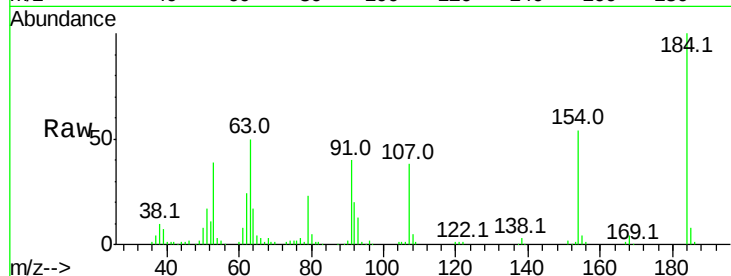
#53
 2,4-Dinitrophenol
 Concen: 83.85 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	198713		
63	50.0	28.4	42.6#	
154	54.0	44.3	66.5	

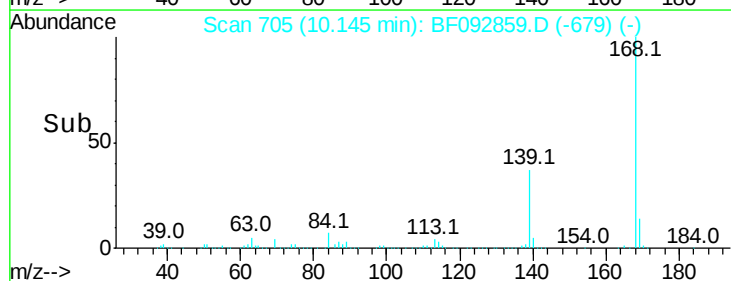
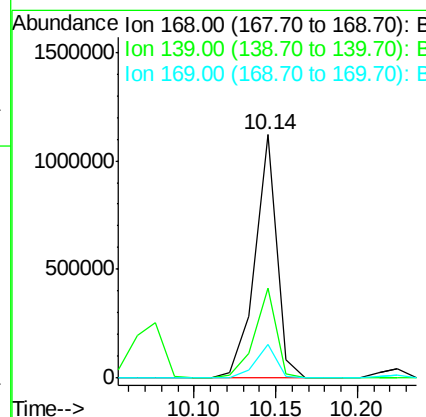
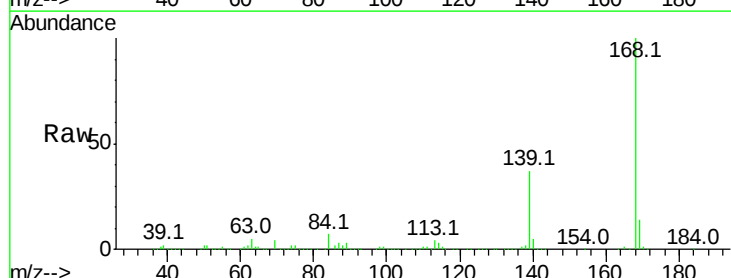
Manual Integrations
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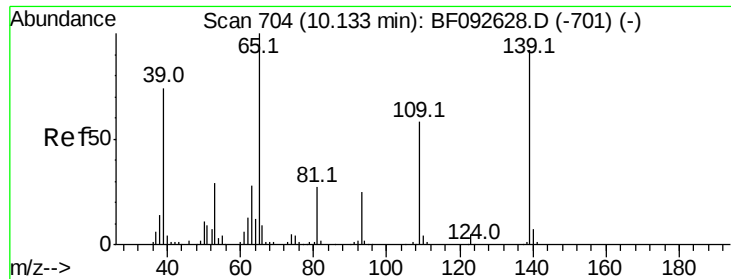
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#54
 Dibenzofuran
 Concen: 41.61 ng
 RT: 10.14 min Scan# 705
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1039802		
139	37.1	32.6	49.0	
169	13.6	11.3	16.9	





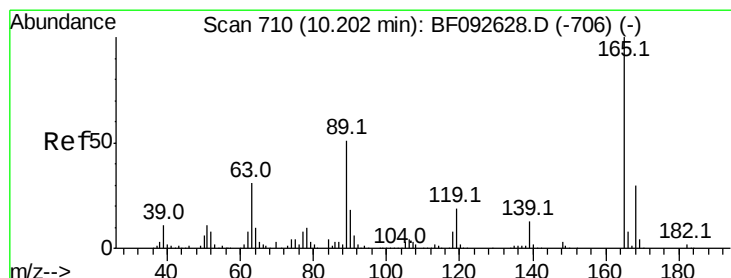
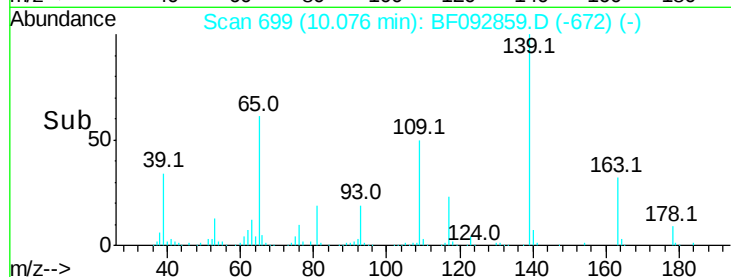
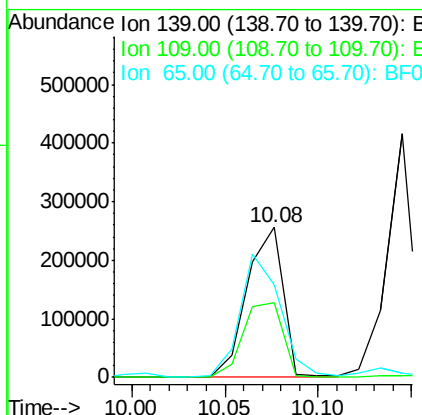
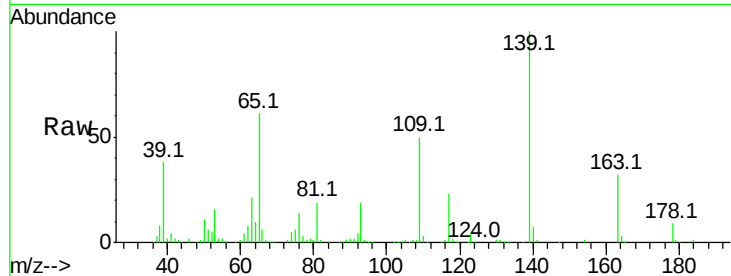
#55
4-Nitrophenol
Concen: 89.98 ng
RT: 10.08 min Scan# 699
Delta R.T. 0.01 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	49.7	52.2	92.2#
65	61.3	85.8	125.8#

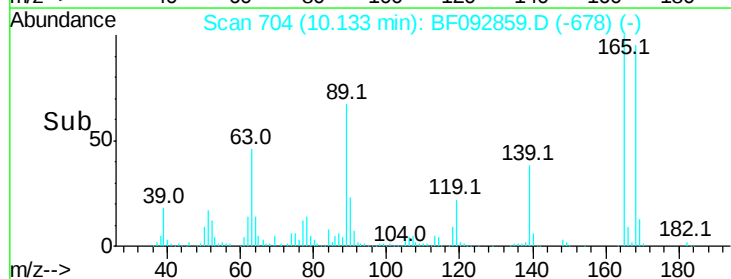
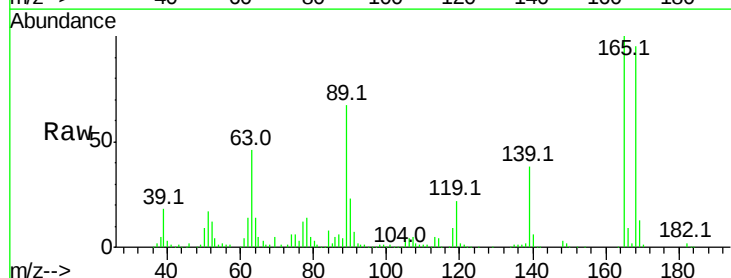
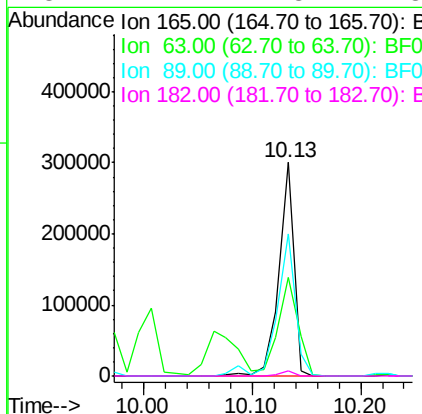
Manual Integrations
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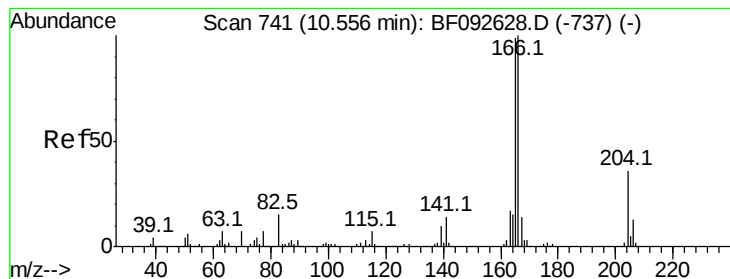
mohammad
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#56
2,4-Dinitrotoluene
Concen: 46.23 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
165	100		
63	46.2	40.2	60.4
89	66.7	62.5	93.7
182	2.4	1.8	2.8





#57

Fluorene

Concen: 43.31 ng

RT: 10.49 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

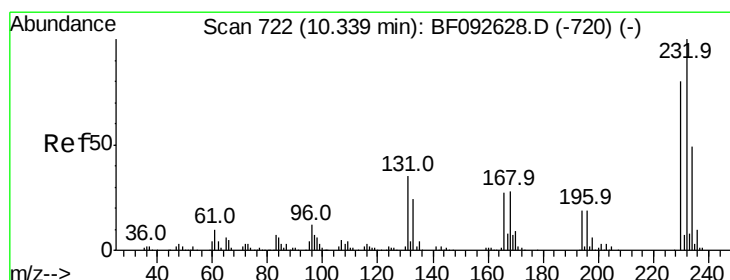
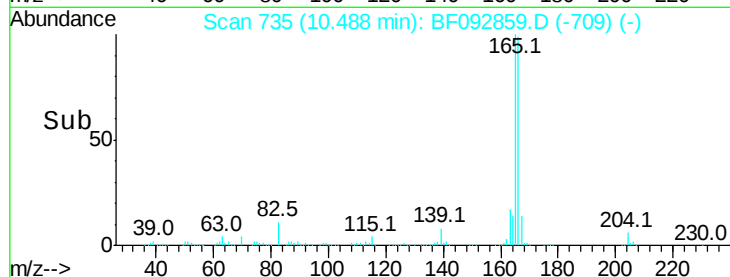
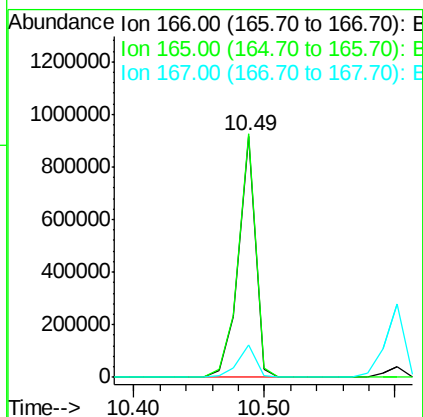
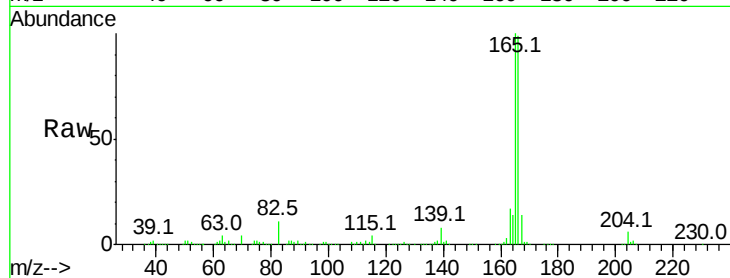
ClientSampleId :

PB96823BS

Tot Ion:	166	Resp:	832561
Ion Ratio	Lower	Upper	
166	100		
165	100.9	77.8	116.8
167	13.6	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.36 ng

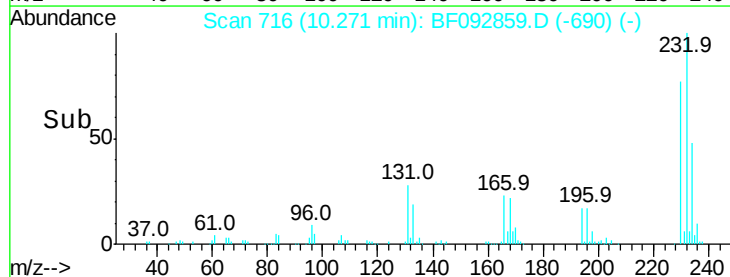
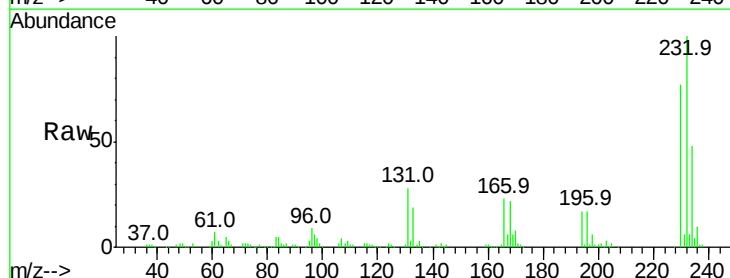
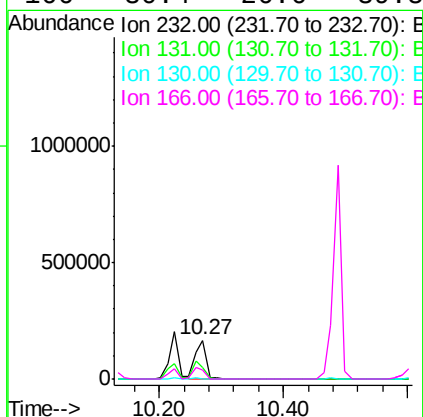
RT: 10.27 min Scan# 716

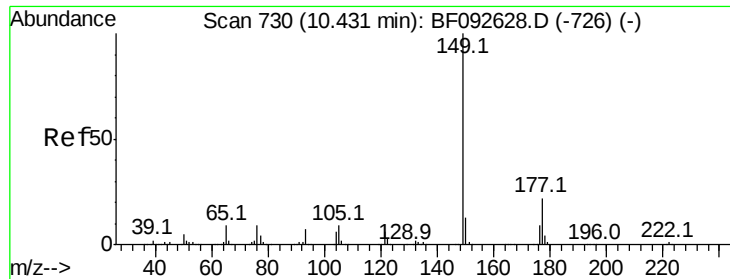
Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Tgt Ion:	232	Resp:	208206
Ion Ratio	Lower	Upper	
232	100		
131	46.1	40.1	60.1
130	2.2	1.8	2.8
166	30.4	26.6	39.8





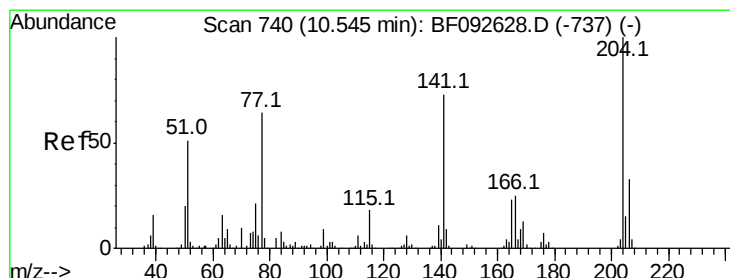
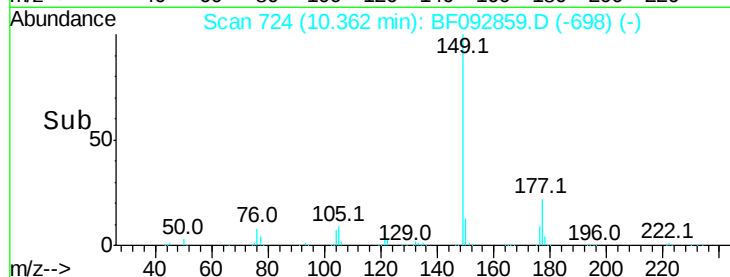
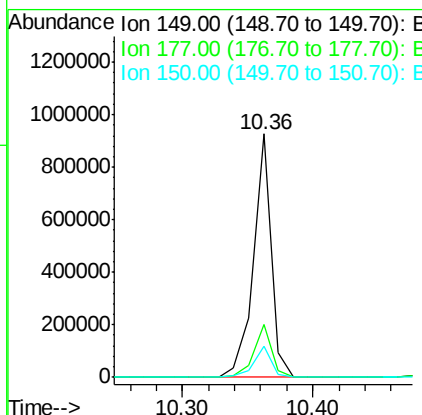
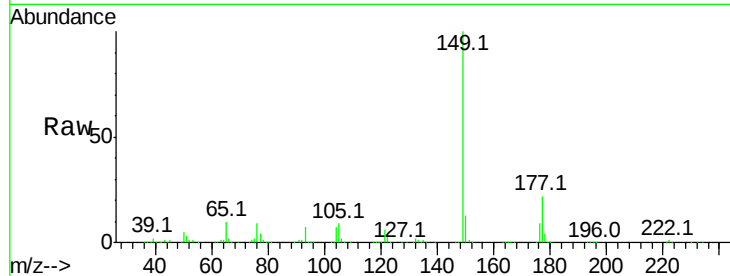
#59
Diethylphthalate
Concen: 43.34 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	878530		
177	21.7	16.6	25.0	
150	12.5	10.4	15.6	

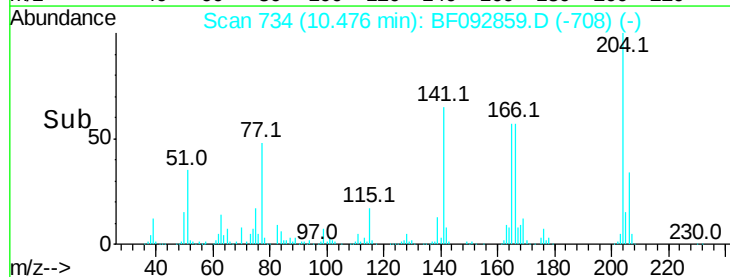
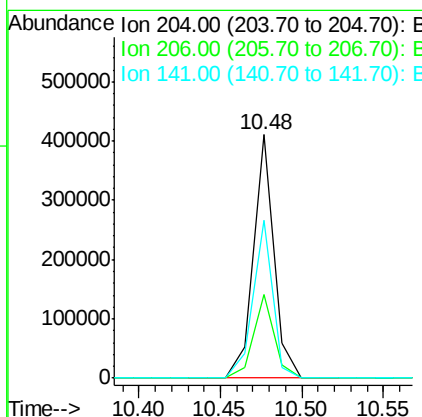
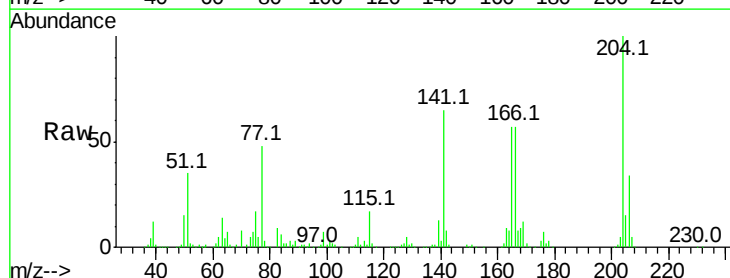
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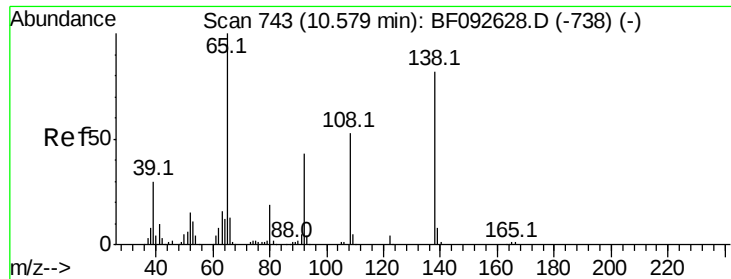
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 38.88 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	359074		
206	34.3	25.8	38.6	
141	64.8	59.4	89.0	





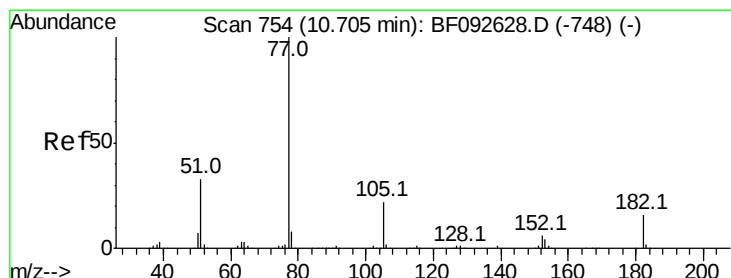
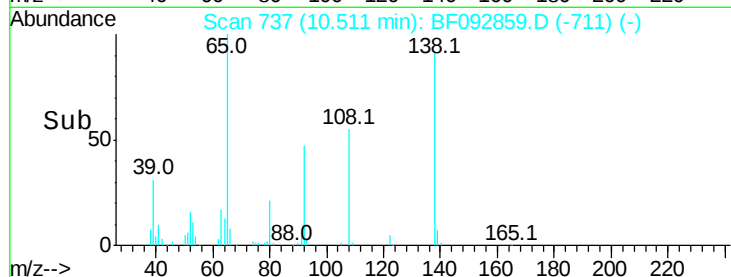
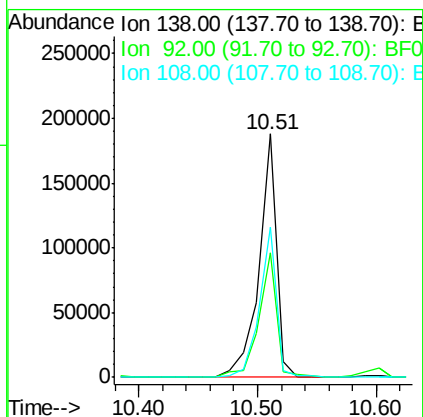
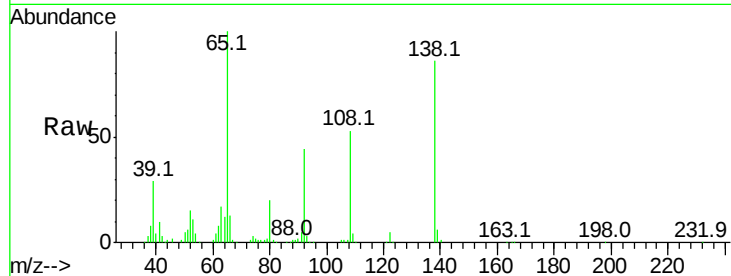
#61
4-Nitroaniline
Concen: 35.87 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.0	31.7	71.7
108	61.6	52.6	92.6

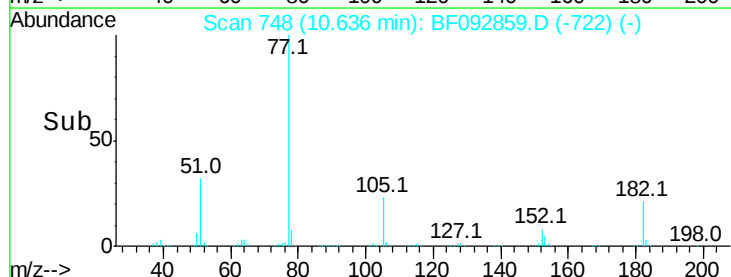
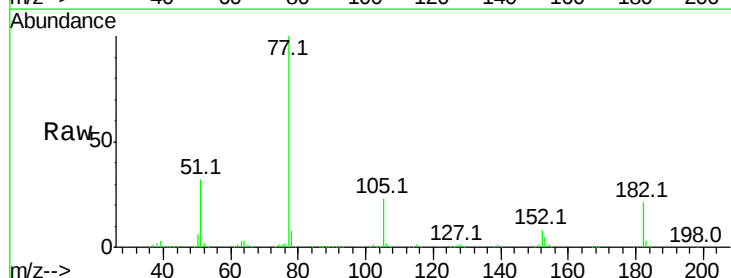
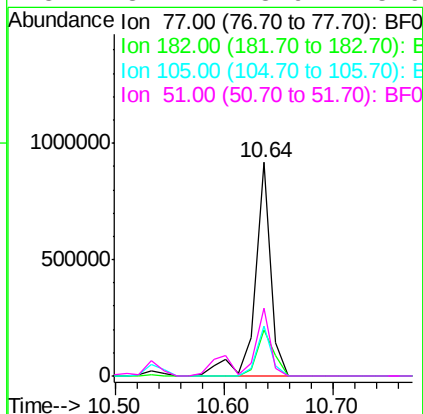
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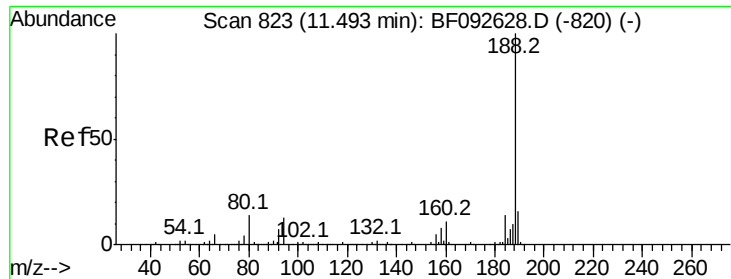
mohammad
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#62
Azobenzene
Concen: 44.35 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.4	0.0	39.3
105	23.2	2.3	42.3
51	31.7	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

ClientSampleId :

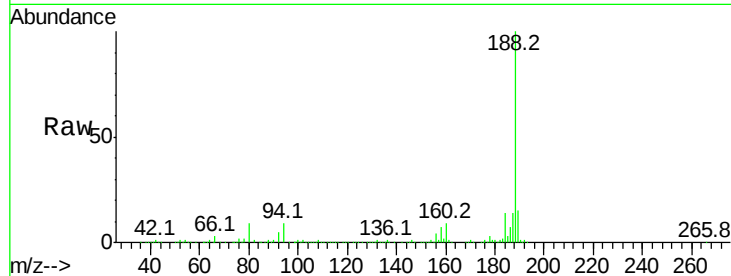
PB96823BS

Tot Ion:188 Resp: 532157
Ion Ratio Lower Upper

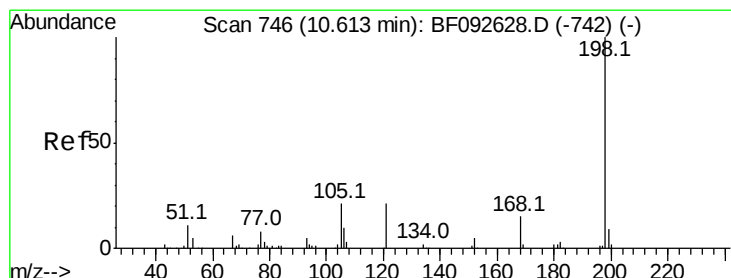
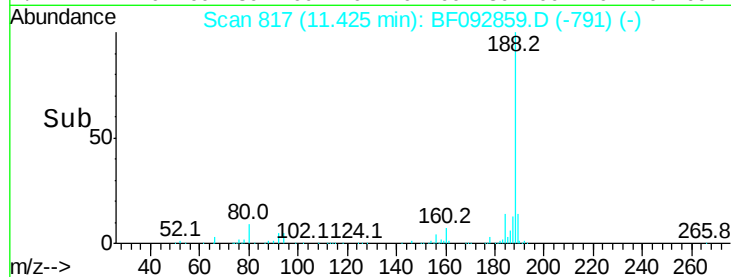
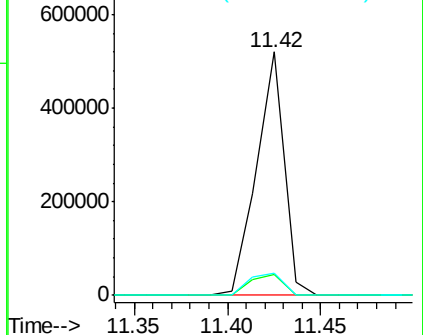
188	100		
94	8.8	10.0	15.0#
80	9.2	11.2	16.8#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 41.42 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

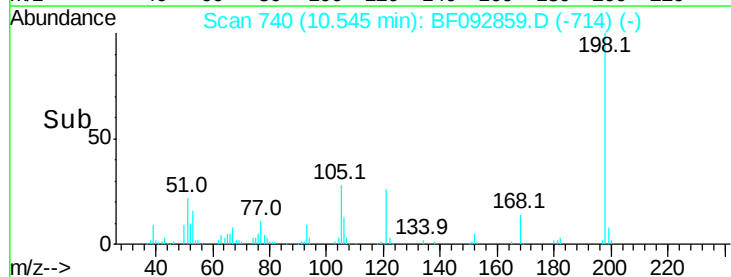
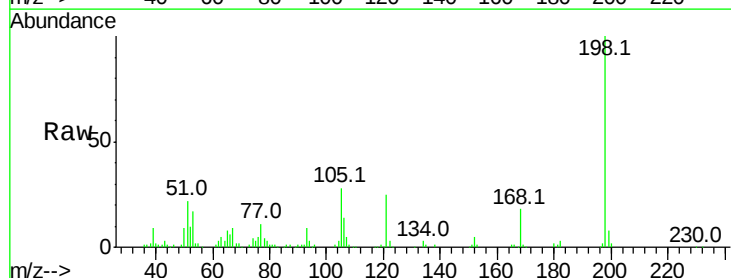
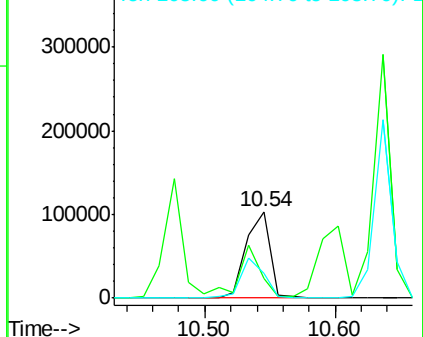
Lab File: BF092859.D

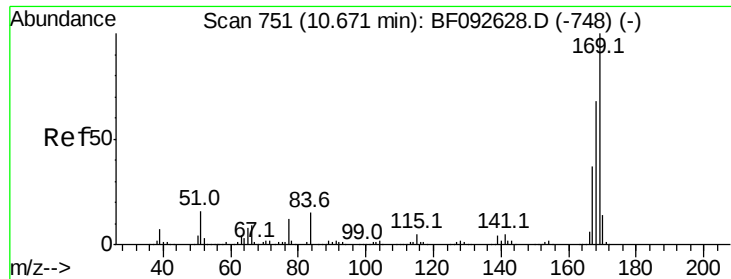
Acq: 8 Feb 2017 18:02

Tgt Ion:198 Resp: 132900
Ion Ratio Lower Upper

198	100		
51	22.0	6.7	46.7
105	28.2	16.6	56.6

Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





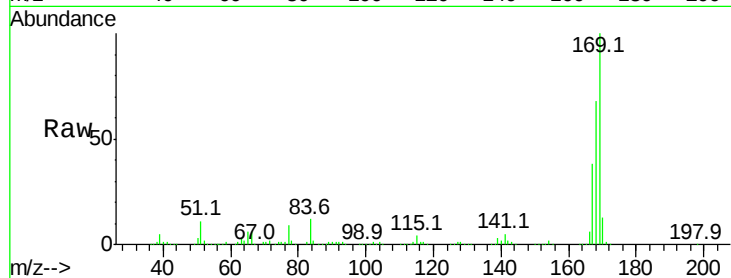
#65
n-Nitrosodiphenylamine
Concen: 44.41 ng
RT: 10.60 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

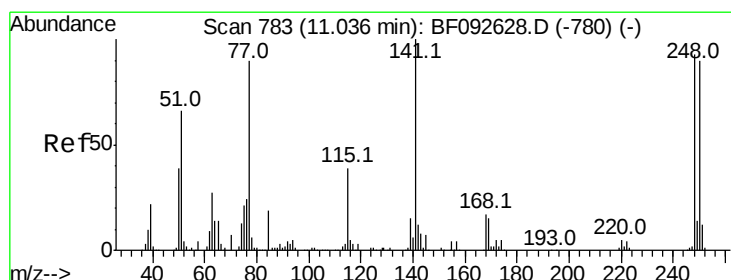
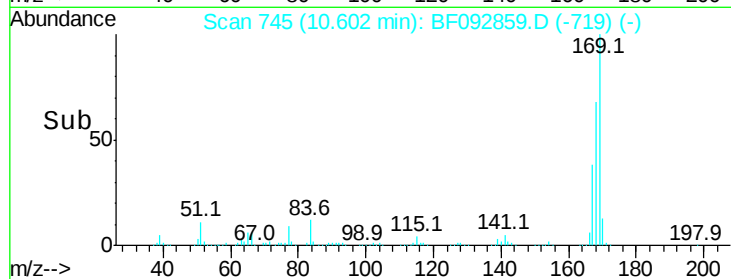
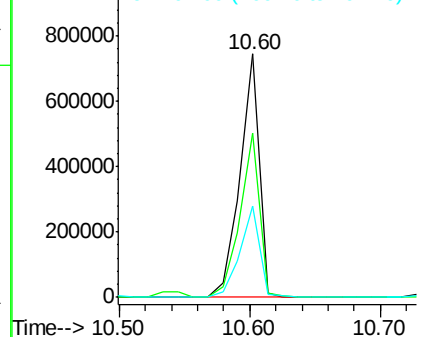
Tot Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.7	54.2	81.2
167	37.6	30.2	45.4

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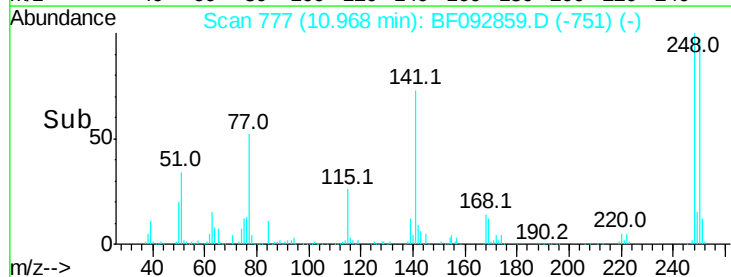
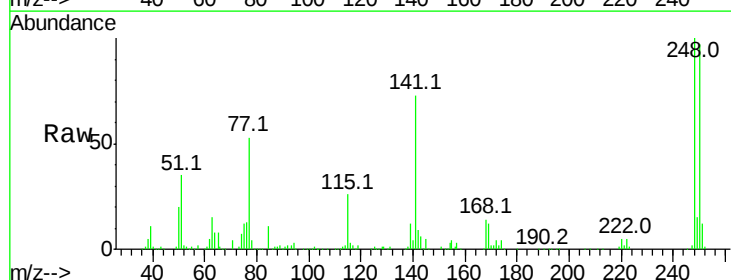
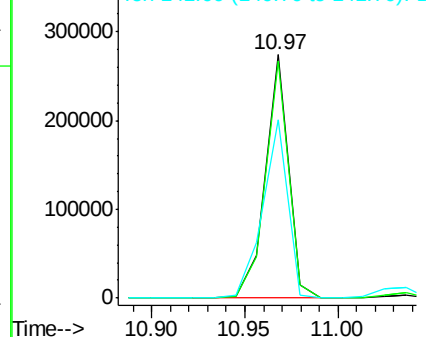
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

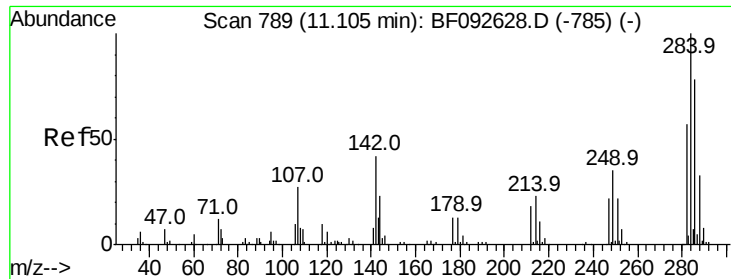


#66
4-Bromophenyl-phenylether
Concen: 41.94 ng
RT: 10.97 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	97.2	76.9	115.3
141	73.0	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





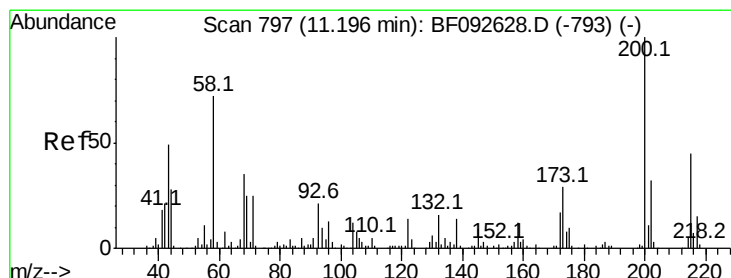
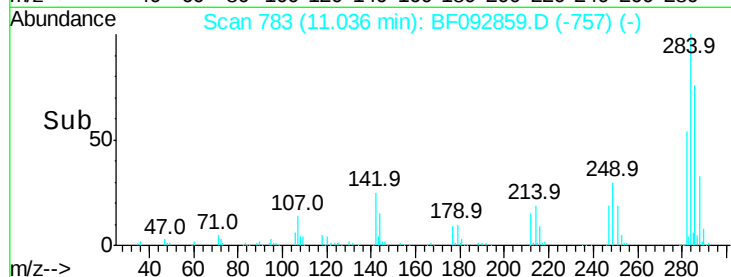
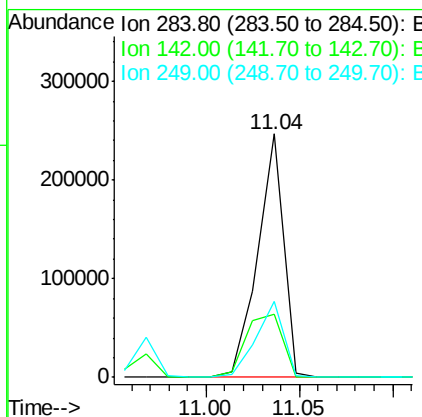
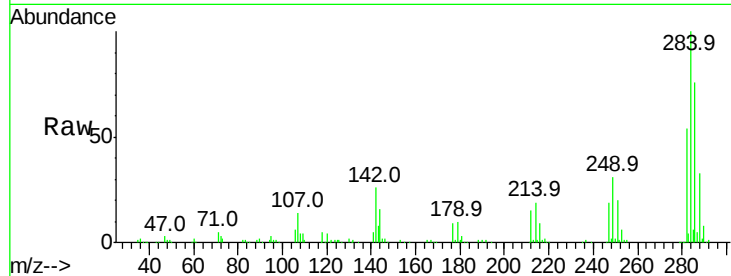
#67
Hexachlorobenzene
Concen: 43.12 ng
RT: 11.04 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	236894		
142	26.0	22.6	33.8	
249	31.3	25.4	38.0	

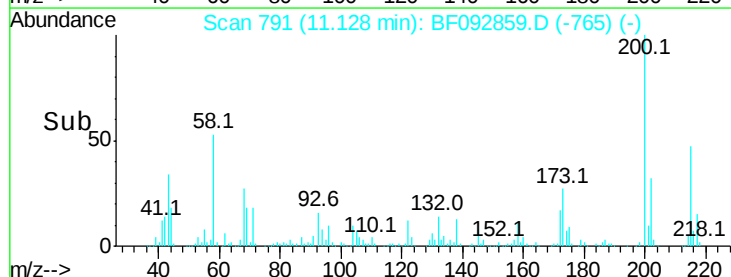
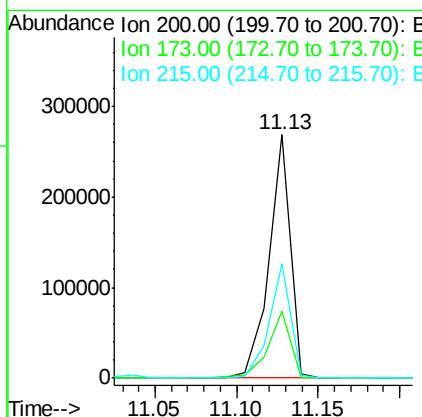
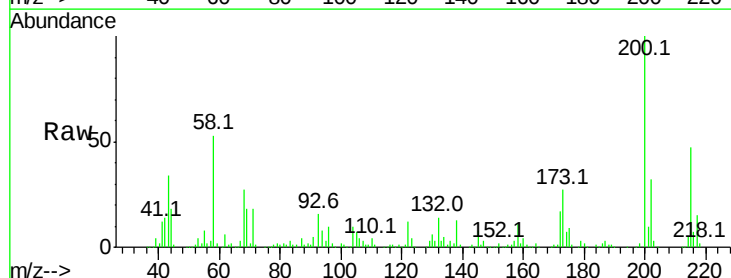
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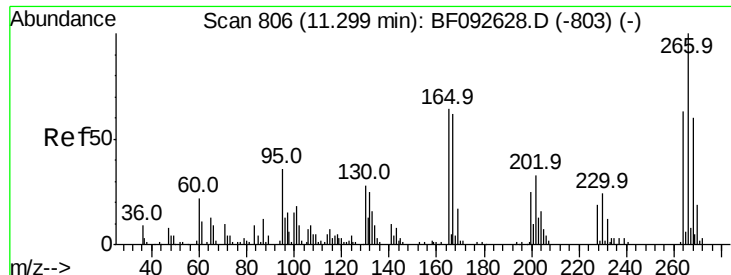
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#68
Atrazine
Concen: 44.91 ng
RT: 11.13 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	245001		
173	27.4	9.6	49.6	
215	46.9	25.7	65.7	





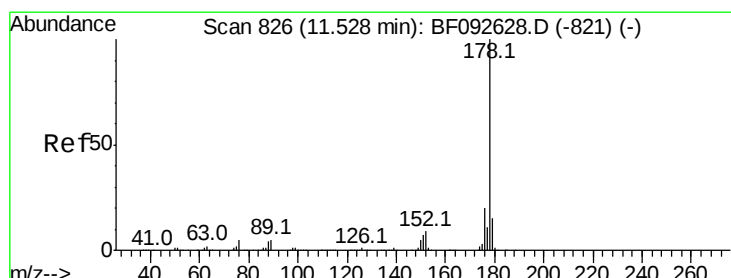
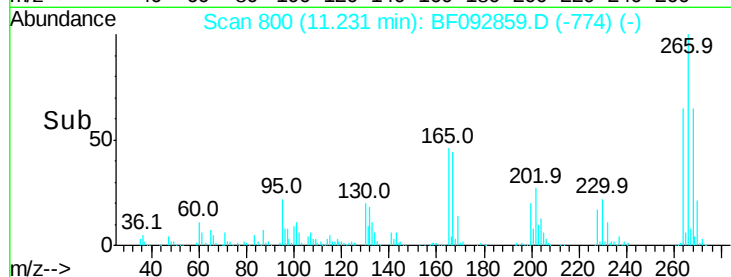
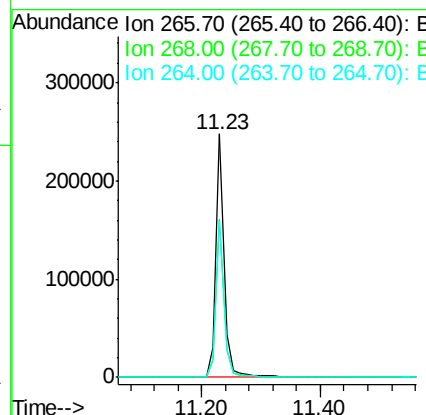
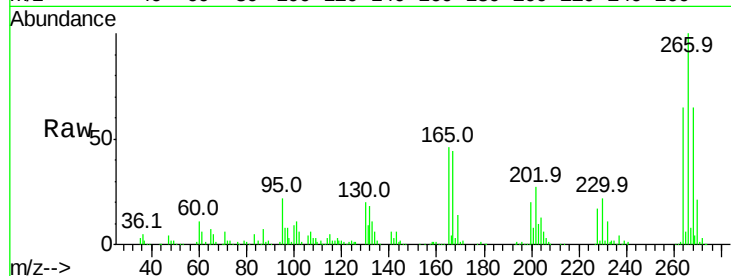
#69
 Pentachlorophenol
 Concen: 83.82 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	238808		
268	64.6	53.3	79.9	
264	64.5	50.3	75.5	

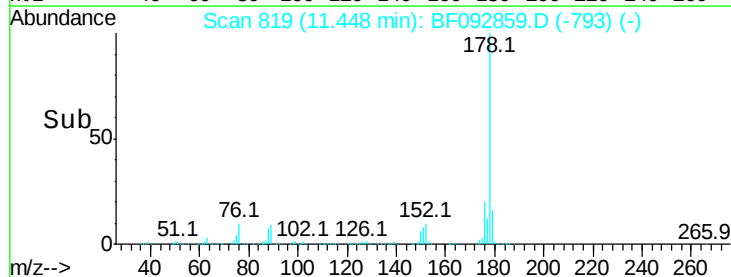
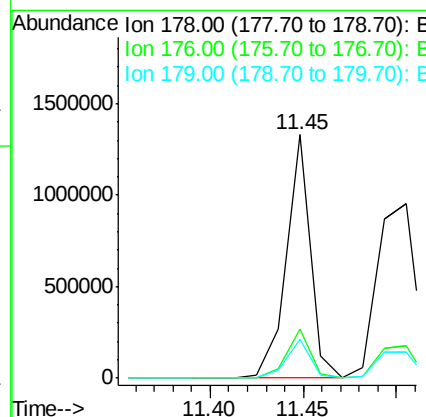
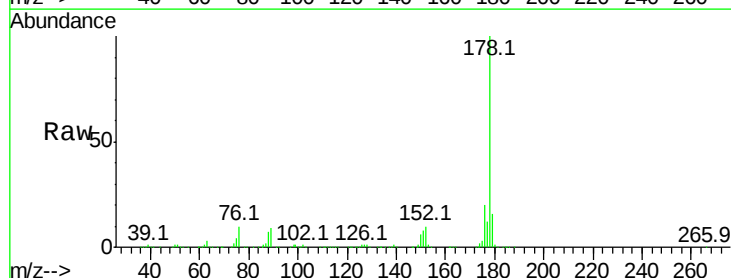
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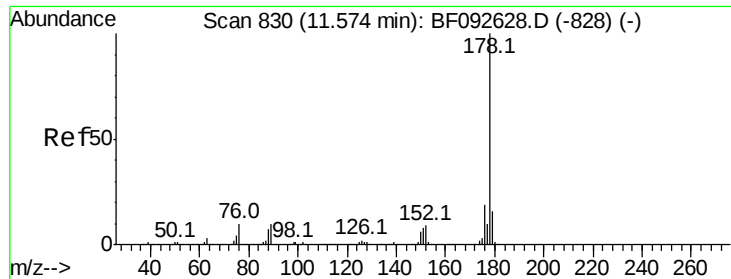
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#70
 Phenanthrene
 Concen: 39.11 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1192463		
176	20.2	16.6	25.0	
179	15.8	12.8	19.2	





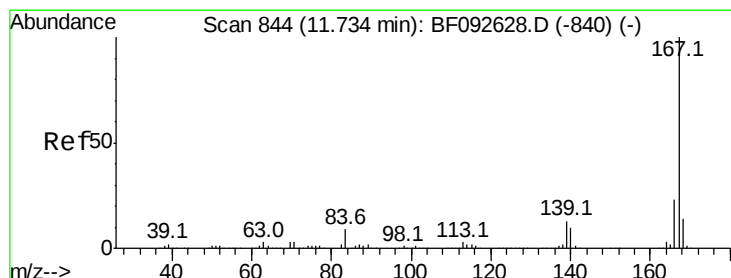
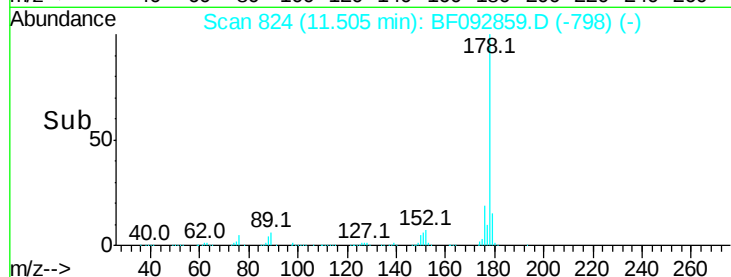
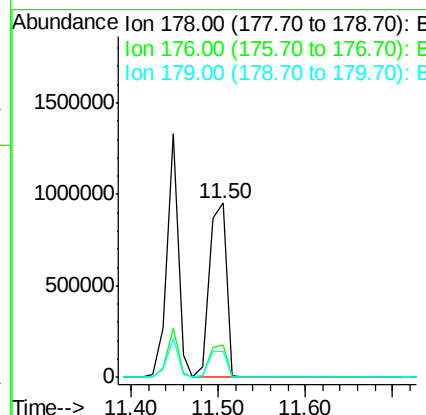
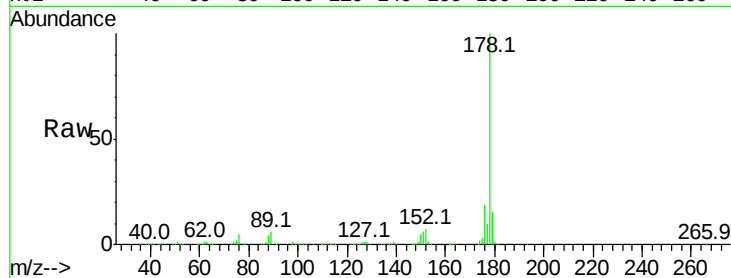
#71
 Anthracene
 Concen: 42.56 ng
 RT: 11.50 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tot Ion:178 Resp: 1303012
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.9 23.9
 179 14.9 13.2 19.8

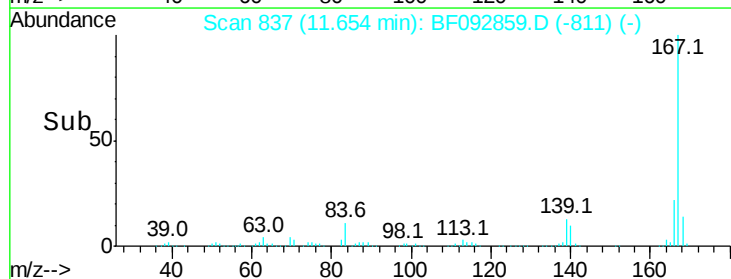
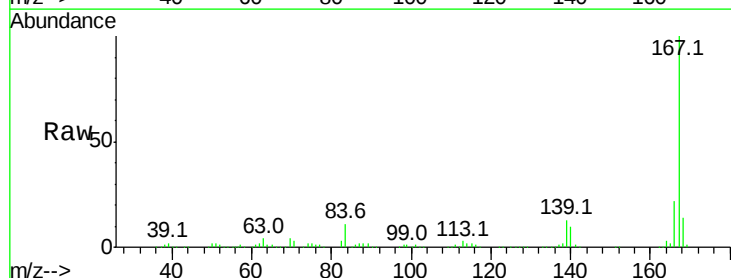
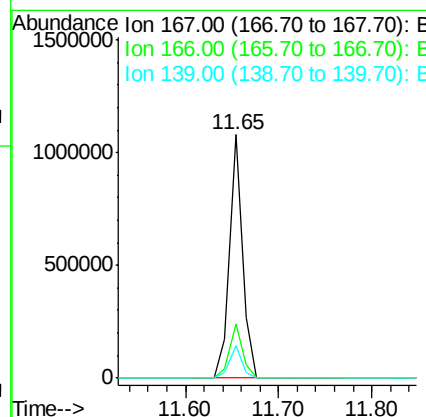
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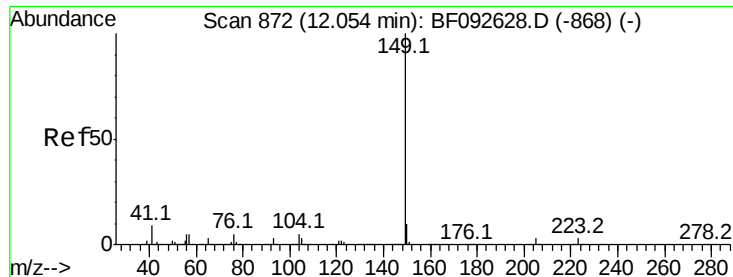
mohammad
 2/9/2017 12:31:13 PM



#72
 Carbazole
 Concen: 35.99 ng
 RT: 11.65 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion:167 Resp: 1053456
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.3 11.4 17.2





#73

Di-n-butylphthalate

Concen: 46.81 ng

RT: 11.99 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

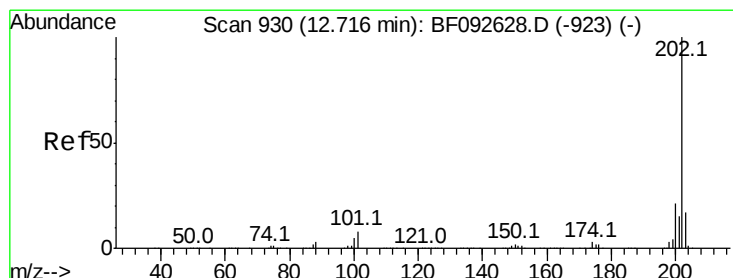
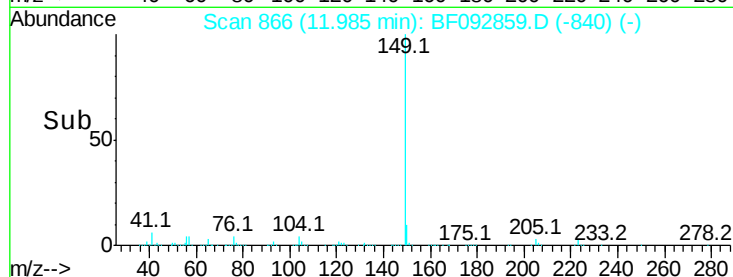
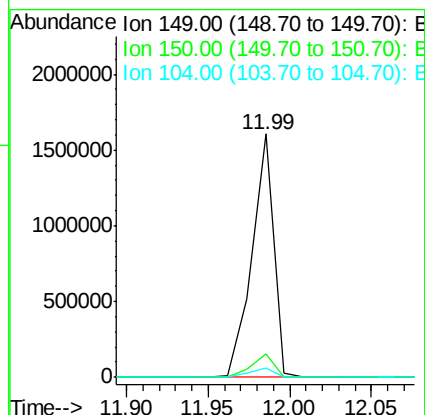
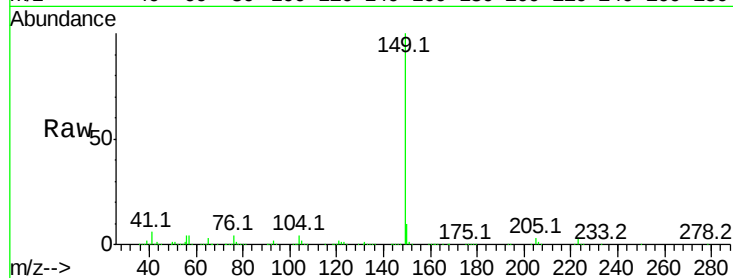
ClientSampleId :

PB96823BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.1	12.1
104	4.1	4.6	7.0

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mohammad
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#74

Fluoranthene

Concen: 45.46 ng

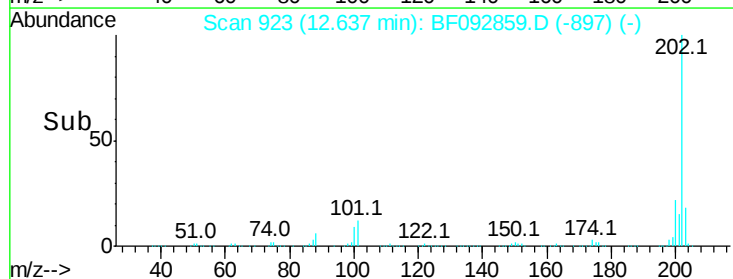
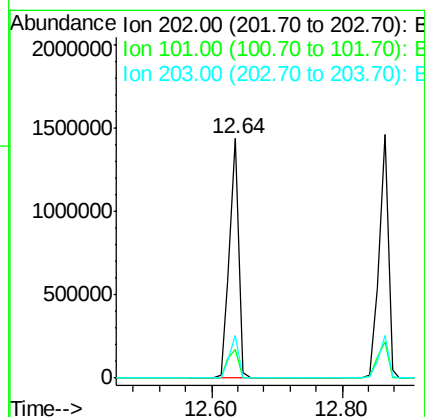
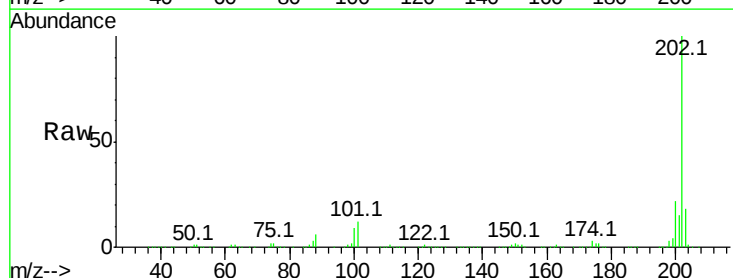
RT: 12.64 min Scan# 923

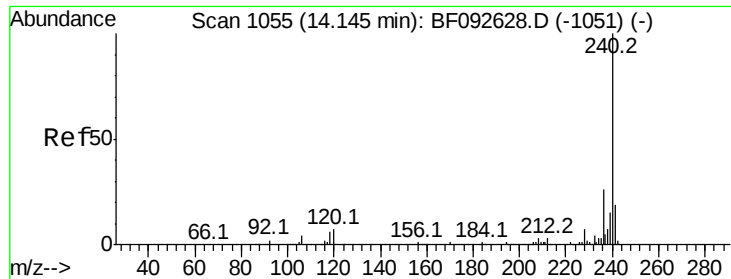
Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	34.6
203	17.8	0.0	38.7





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

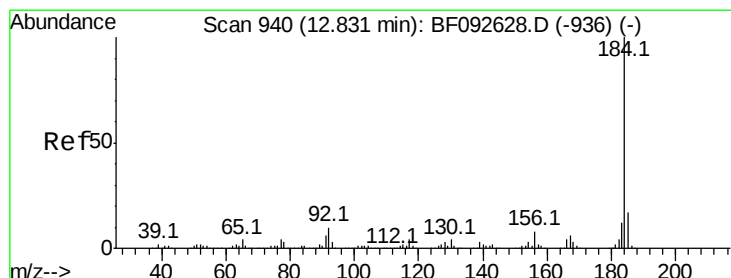
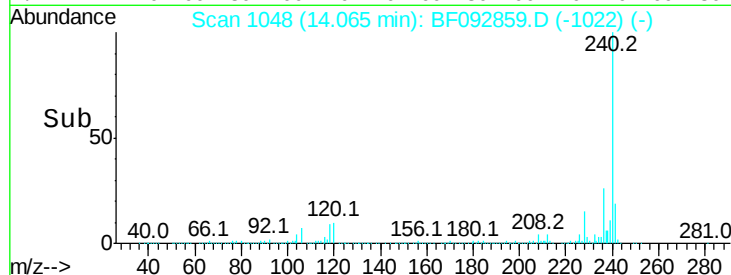
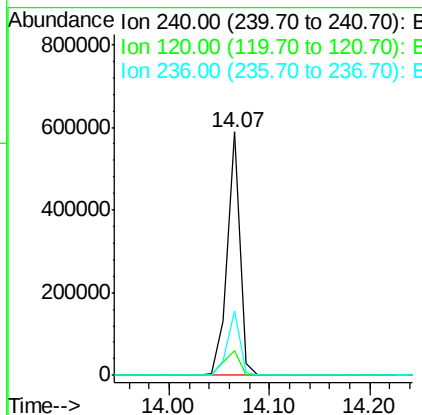
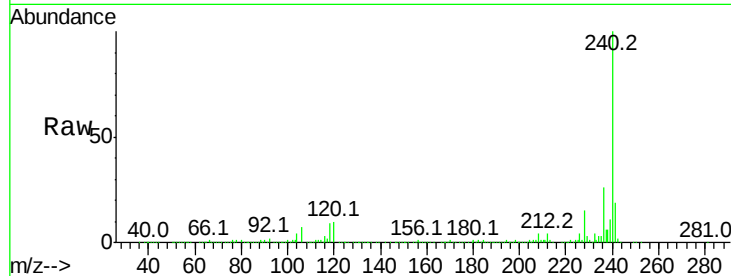
ClientSampleId :

PB96823BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	12.9	19.3#
236	26.3	20.9	31.3

Manual Integrations
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#76

Benzidine

Concen: 16.22 ng

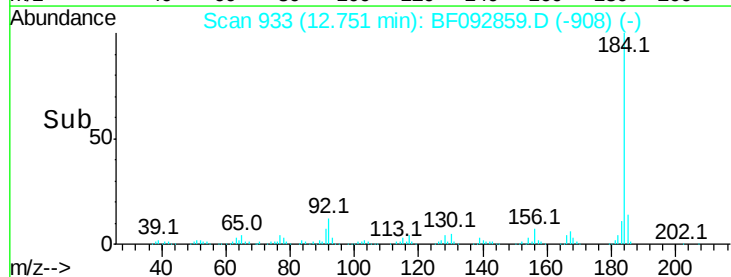
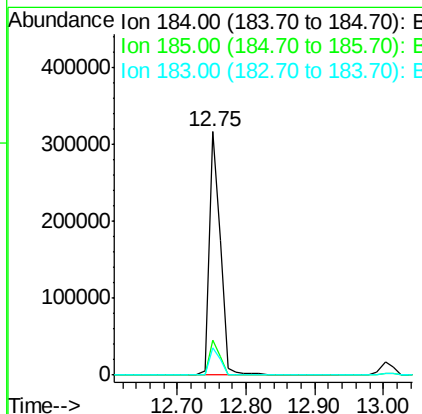
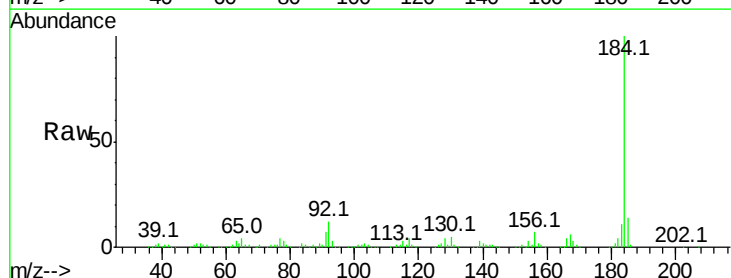
RT: 12.75 min Scan# 933

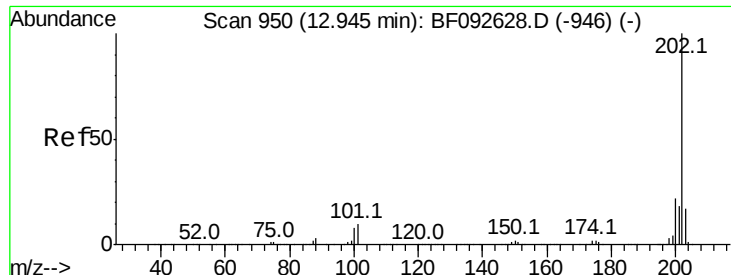
Delta R.T. -0.01 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.4	20.0
183	11.2	9.2	13.8





#77

Pvrene

Concen: 36.74 ng

RT: 12.87 min Scan# 943

Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

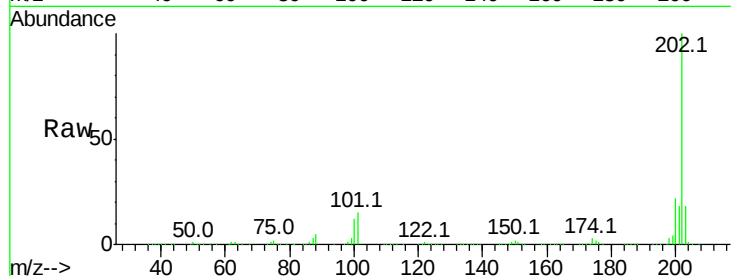
ClientSampleId :

PB96823BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.7	14.7	22.1

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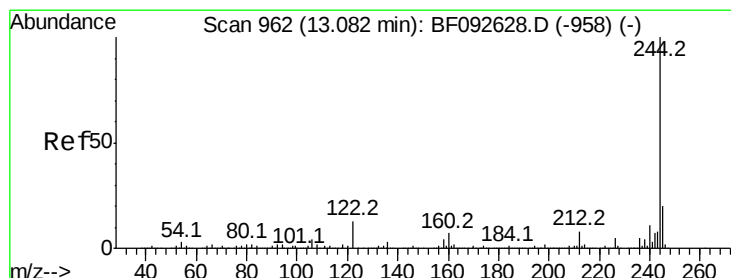
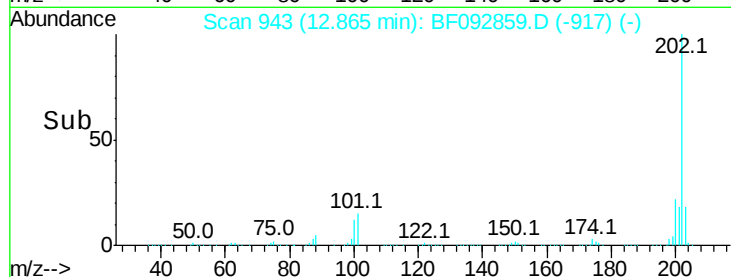
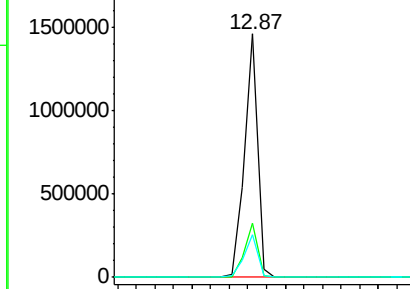
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E

2000000 Ion 200.00 (199.70 to 200.70): E

1500000 Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.48 ng

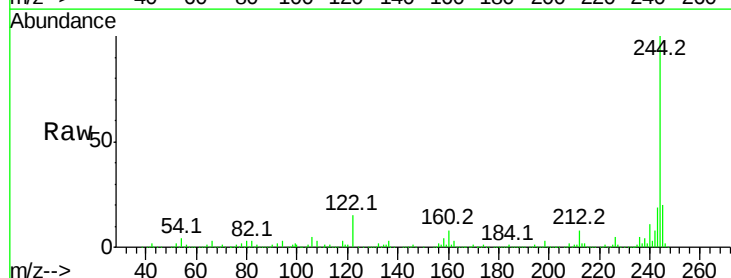
RT: 13.00 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

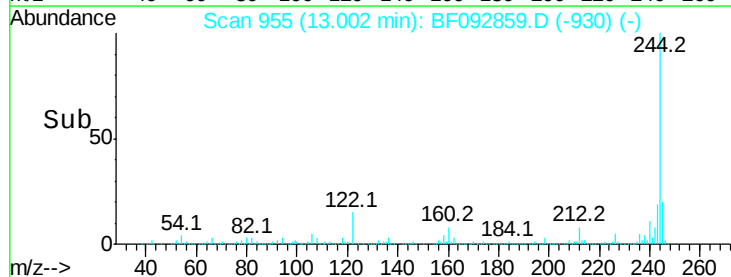
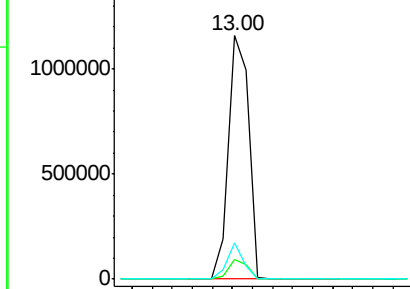
Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	14.9	11.4	17.2

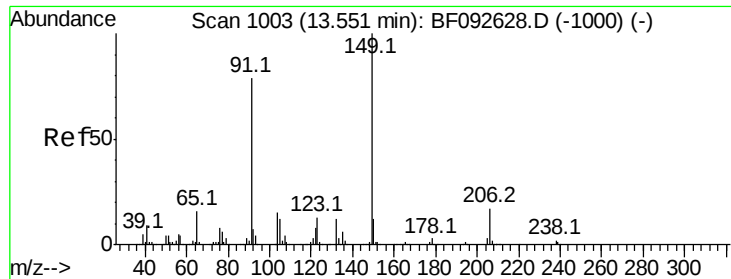


Abundance Ion 244.00 (243.70 to 244.70): E

1500000 Ion 212.00 (211.70 to 212.70): E

1000000 Ion 122.00 (121.70 to 122.70): E





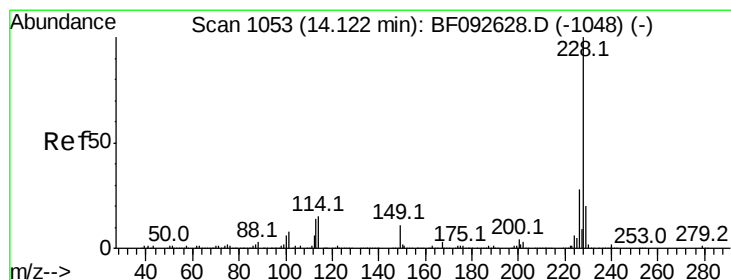
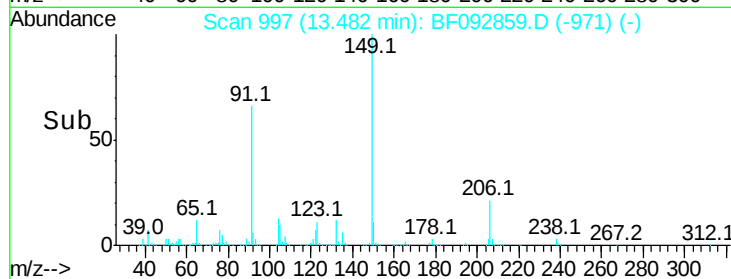
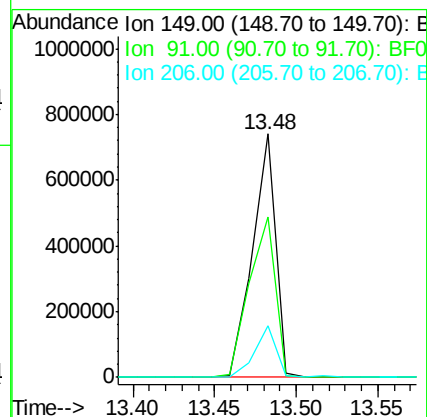
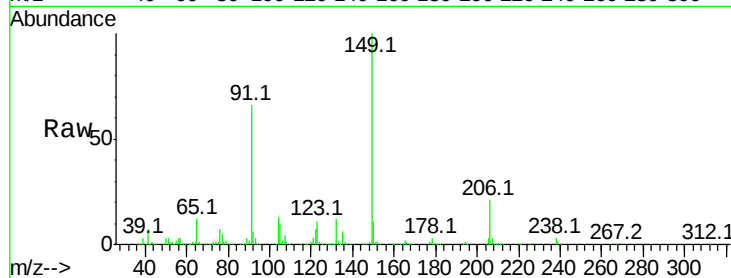
#79
Butylbenzylphthalate
Concen: 46.22 ng
RT: 13.48 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleID :
PB96823BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.9	63.9	95.9
206	21.4	14.6	21.8

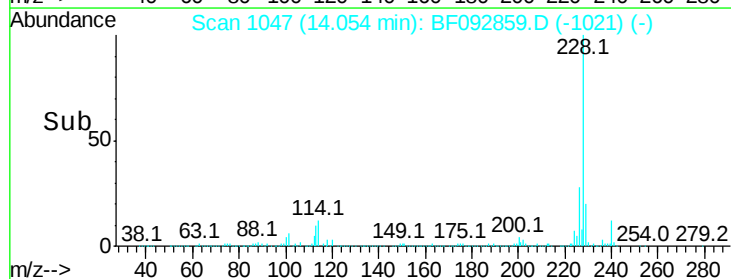
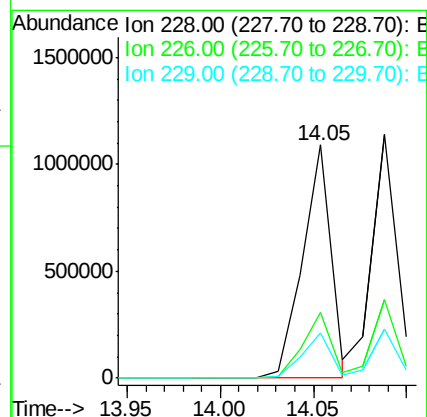
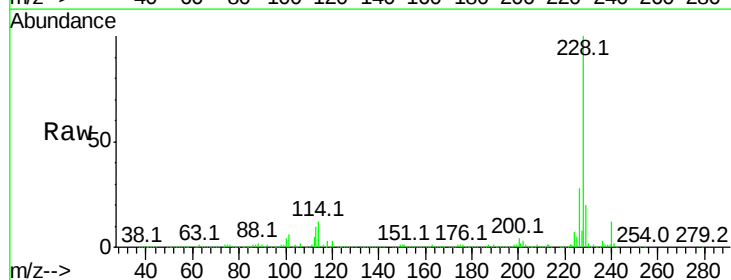
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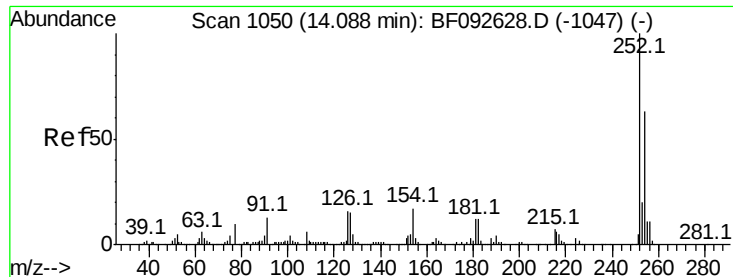
mohammad
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#80
Benzo(a)anthracene
Concen: 36.57 ng
RT: 14.05 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.4	33.6
229	19.6	16.2	24.4





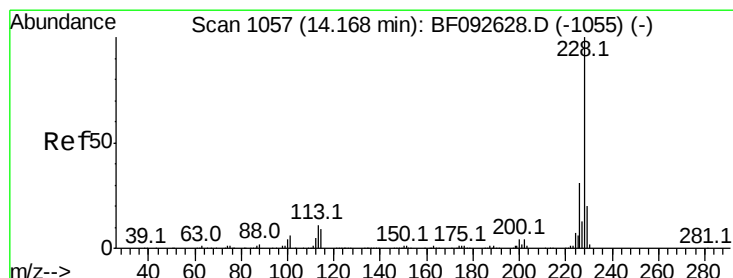
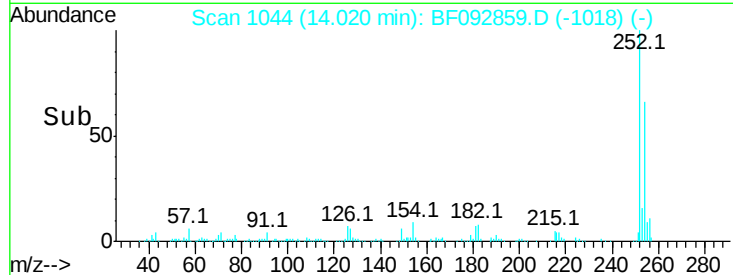
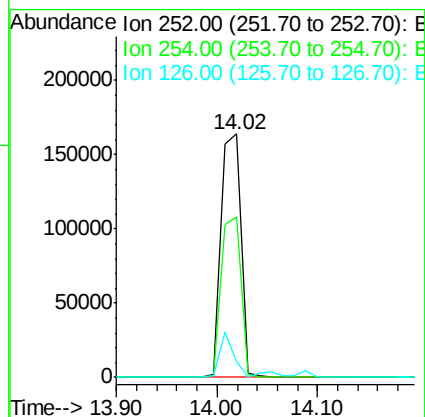
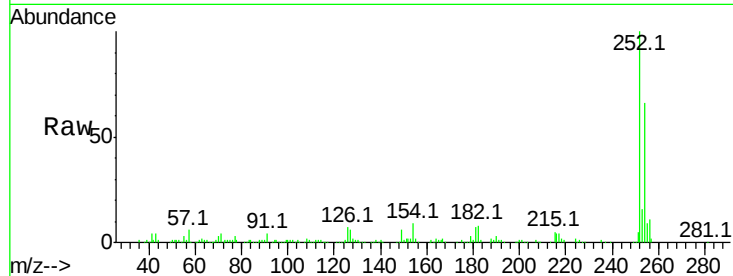
#81
 3,3'-Dichlorobenzidine
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	226306		
254	65.7	52.3	78.5	
126	6.6	13.6	20.4	

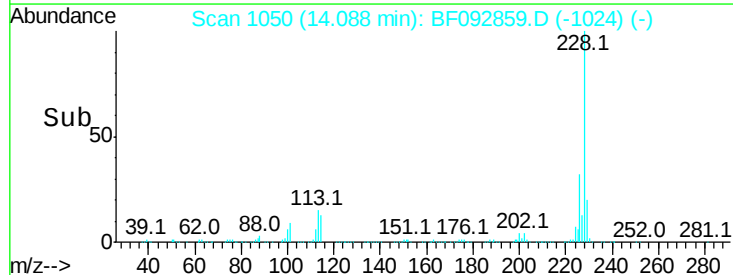
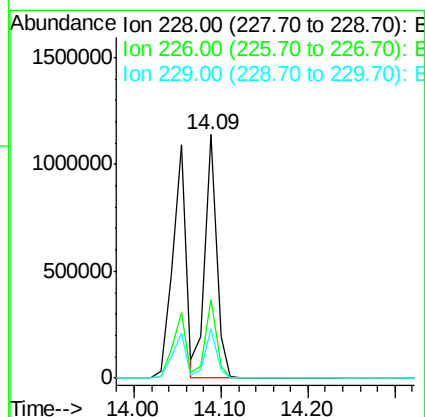
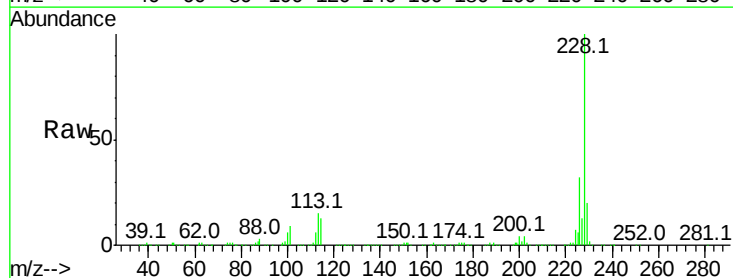
Manual Integrations
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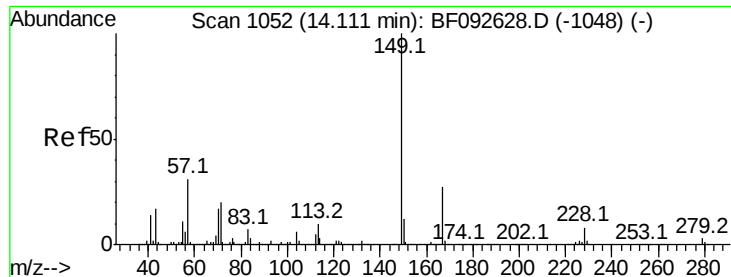
mohammad
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#82
 Chrysene
 Concen: 35.61 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1058284		
226	32.0	25.4	38.0	
229	20.2	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.19 ng

RT: 14.04 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Instrument :

BNA_F

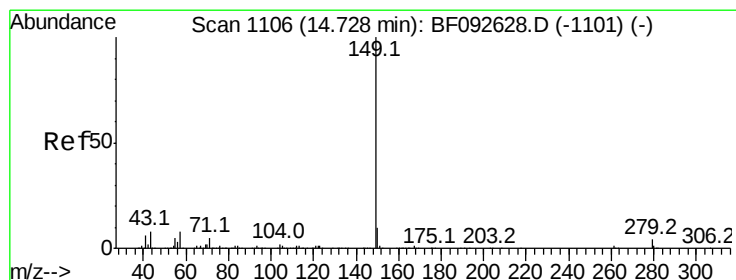
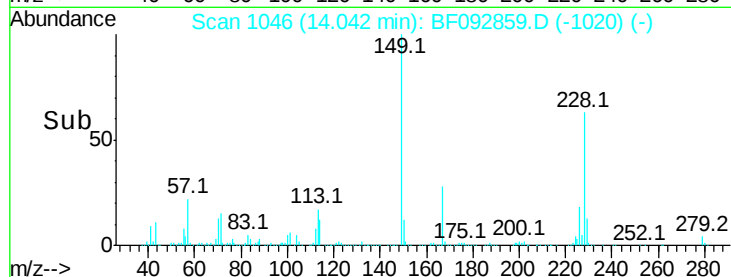
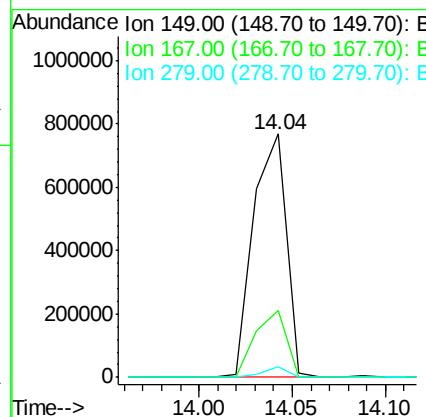
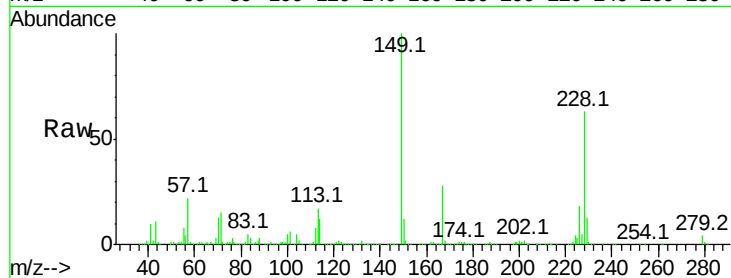
ClientSampleId :

PB96823BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	20.2	30.4
279	4.2	1.8	2.8

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 41.03 ng

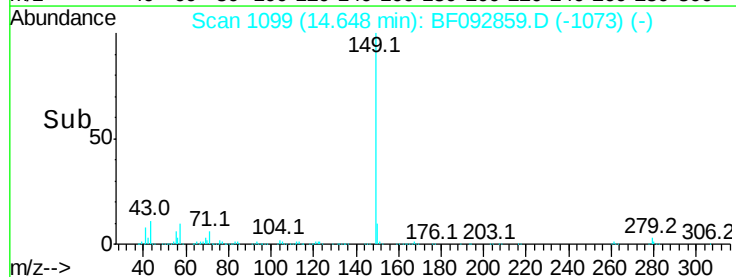
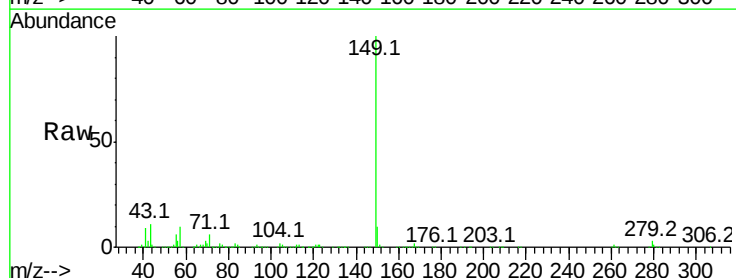
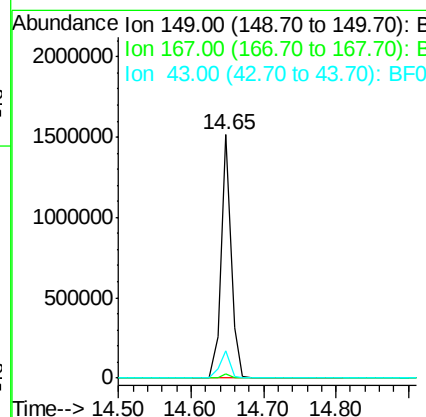
RT: 14.65 min Scan# 1099

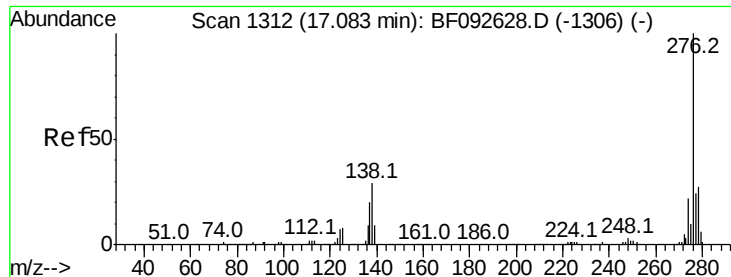
Delta R.T. 0.00 min

Lab File: BF092859.D

Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.3	8.9	13.3





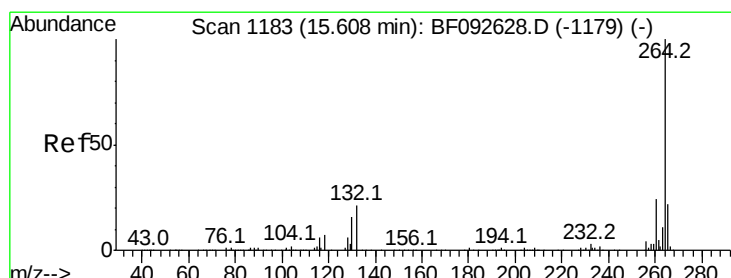
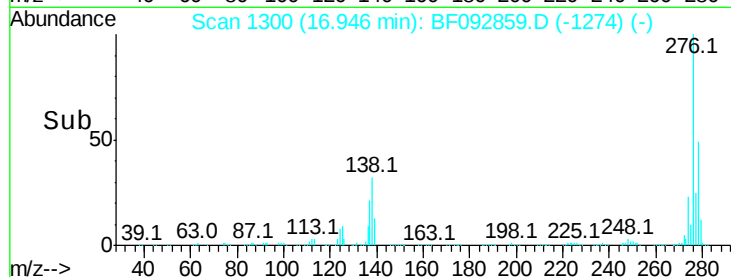
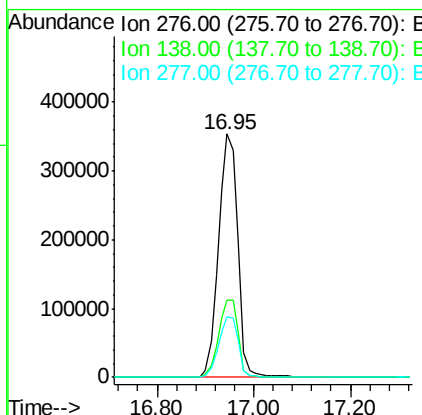
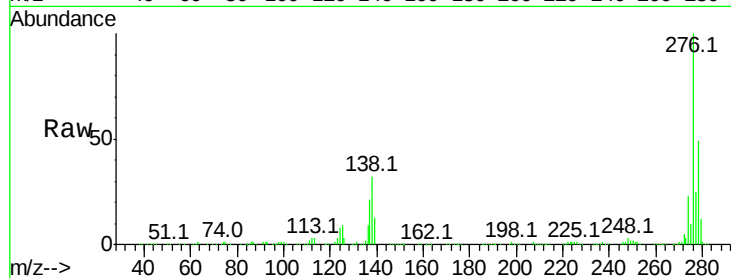
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.75 ng
RT: 16.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.3	21.8	32.6
277	25.2	20.2	30.4

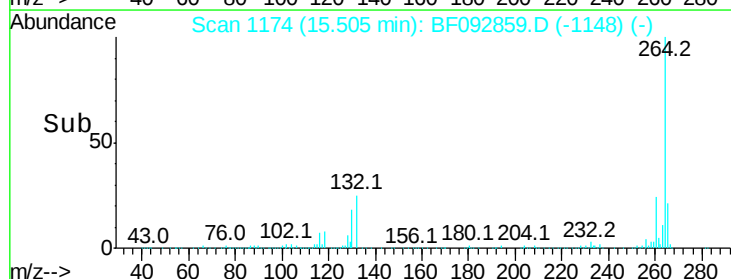
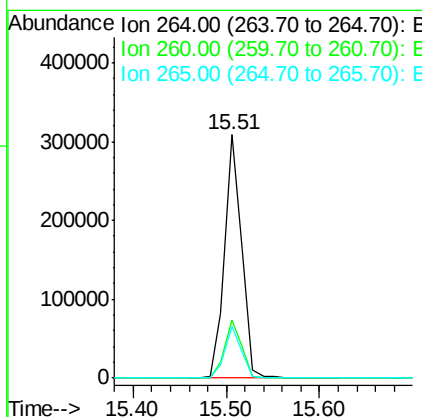
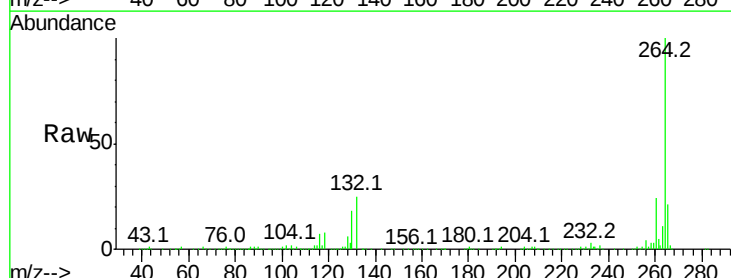
Manual Integrations
APPROVED

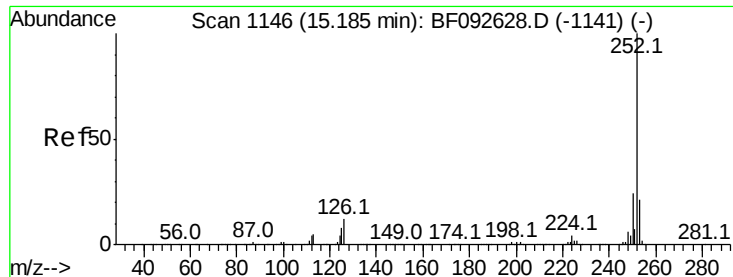
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.4	26.0





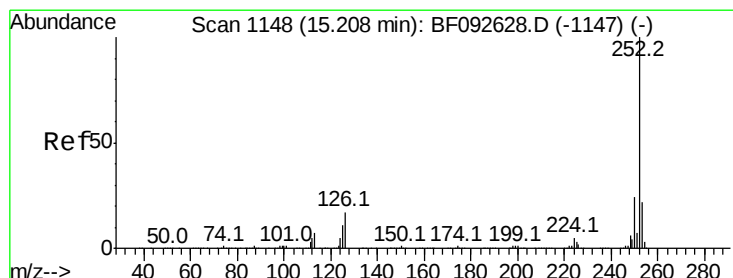
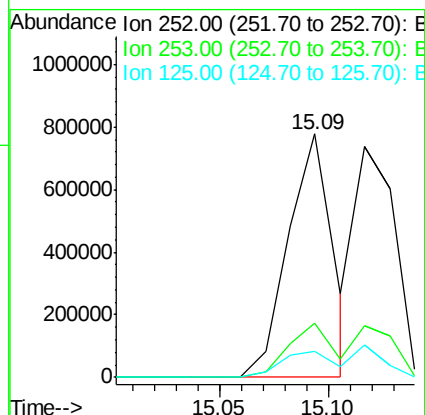
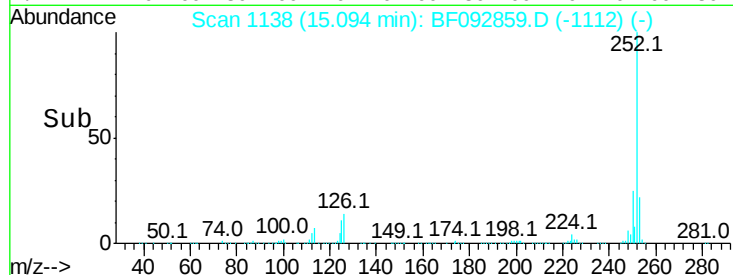
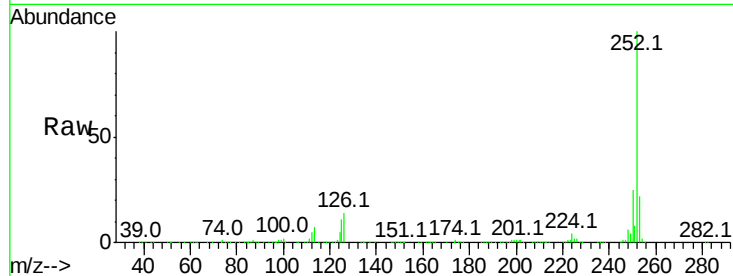
#87
Benzo(b)fluoranthene
Concen: 42.75 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	10.6	9.8	14.6

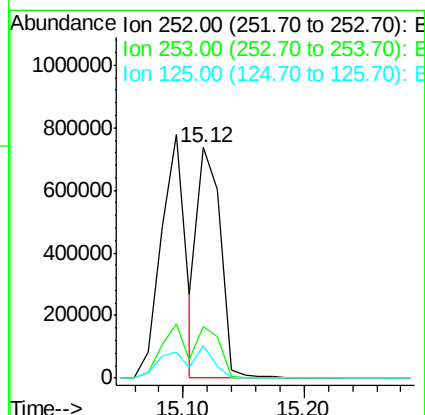
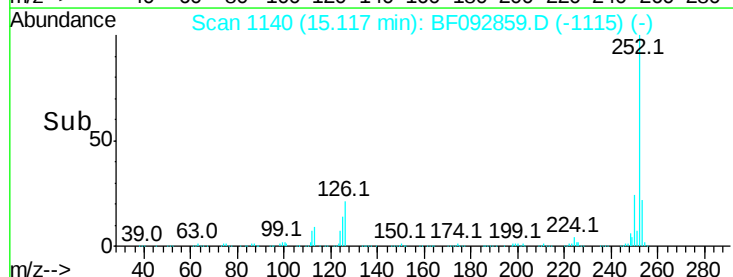
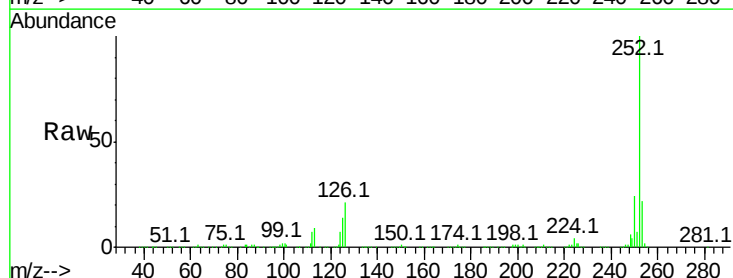
Manual Integrations
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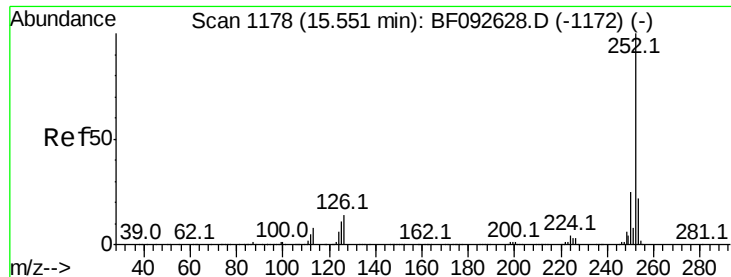
mohammad
2/9/2017 12:31:13 PM



#88
Benzo(k)fluoranthene
Concen: 42.55 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	14.1	8.9	13.3#





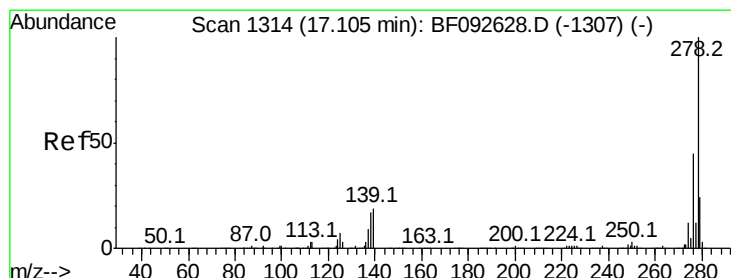
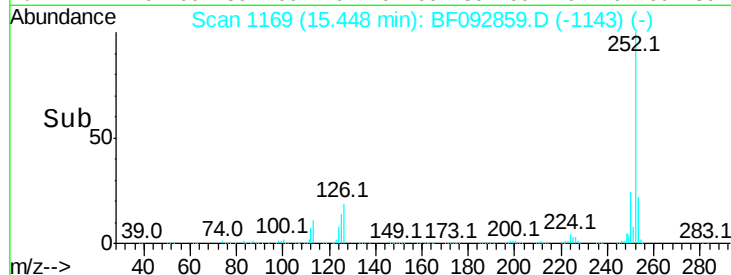
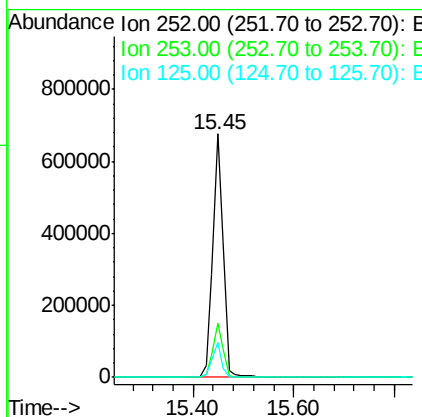
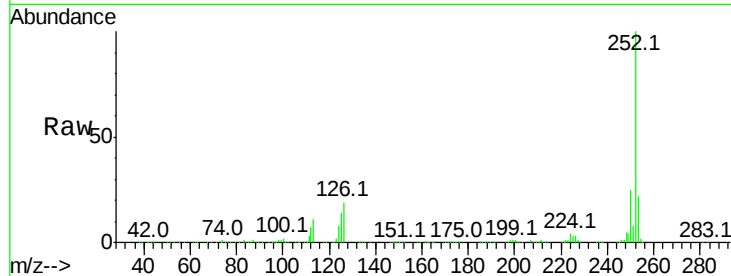
#89
Benzo(a)pyrene
Concen: 43.30 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Instrument :
BNA_F
ClientSampleId :
PB96823BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	14.4	10.0	15.0

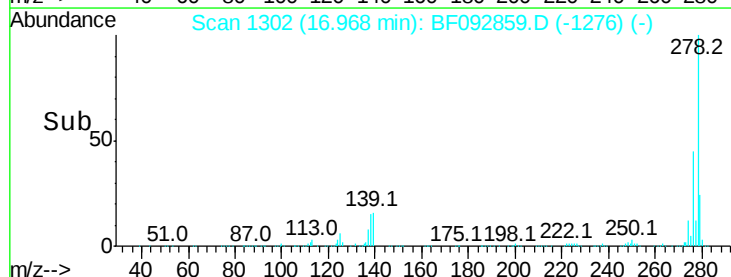
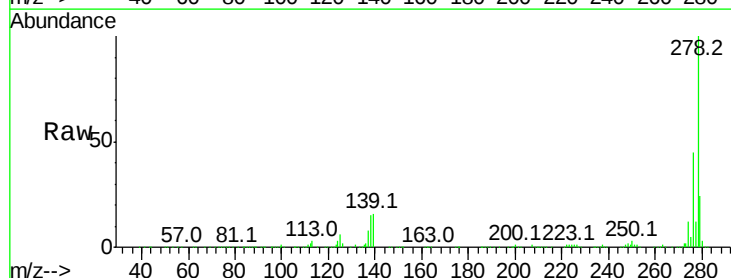
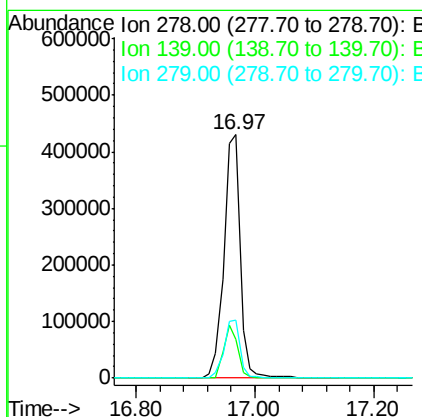
Manual Integrations
APPROVED

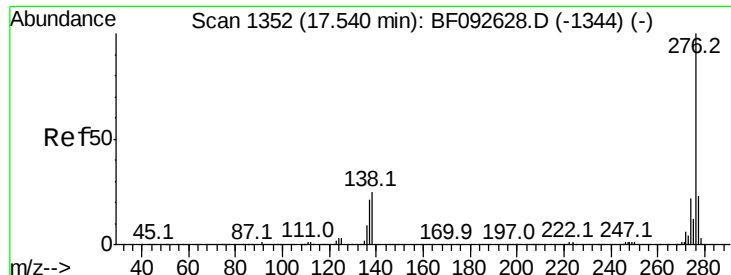
mohammad
2/9/2017 12:31:13 PM



#90
Dibenzo(a,h)anthracene
Concen: 45.69 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BF092859.D
Acq: 8 Feb 2017 18:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.8	22.2
279	23.8	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 45.61 ng
 RT: 17.38 min Scan# 1338
 Delta R.T. 0.00 min
 Lab File: BF092859.D
 Acq: 8 Feb 2017 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB96823BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.2	28.8
138	28.0	16.0	24.0

Manual Integrations
 APPROVED

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