

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022317\
 Data File : BF093106.D
 Acq On : 23 Feb 2017 16:06
 Operator : SJ/MA
 Sample : PB97127BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BS

Manual Integrations
 APPROVED

mohammad
 2/24/2017 2:11:02 PM

Quant Time: Feb 24 00:02:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154982	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	621840	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	287590	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	502105	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	396520	20.00	ng	-0.02
86) Perylene-d12	15.43	264	297363	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1085435	120.16	ng	-0.01
7) Phenol-d6	6.49	99	1442393	124.10	ng	0.00
23) Nitrobenzene-d5	7.41	82	832963	74.59	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	270471	130.03	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1542033	97.14	ng	-0.01
78) Terphenyl-d14	12.94	244	1241547	73.57	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.43	88	136314	27.93	ng	# 85
3) Pyridine	3.14	79	424715	34.22	ng	88
4) n-Nitrosodimethylamine	3.09	42	219834	37.72	ng	86
6) Aniline	6.51	93	521171	32.87	ng	# 44
8) 2-Chlorophenol	6.62	128	410972	41.24	ng	94
9) Benzaldehyde	6.38	77	186173	22.36	ng	93
10) Phenol	6.50	94	610220	44.87	ng	88
11) bis(2-Chloroethyl)ether	6.58	93	397309	36.60	ng	92
12) 1,3-Dichlorobenzene	6.78	146	452509	38.77	ng	99
13) 1,4-Dichlorobenzene	6.85	146	439821	37.23	ng	99
14) 1,2-Dichlorobenzene	7.01	146	432136	38.25	ng	97
15) Benzyl Alcohol	6.99	79	326613	37.96	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	725872	38.49	ng	93
17) 2-Methylphenol	7.10	107	345582	40.42	ng	98
18) Hexachloroethane	7.36	117	156118	38.71	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	287073	38.80	ng	98
20) 3+4-Methylphenols	7.26	107	411582	40.26	ng	93
22) Acetophenone	7.26	105	559150	39.38	ng	# 93
24) Nitrobenzene	7.44	77	495978	43.26	ng	91
25) Isophorone	7.68	82	861008	41.38	ng	98
26) 2-Nitrophenol	7.76	139	227519	41.74	ng	# 76
27) 2,4-Dimethylphenol	7.79	122	383675	40.08	ng	97
28) bis(2-Chloroethoxy)methane	7.88	93	509926	37.00	ng	99
29) 2,4-Dichlorophenol	8.00	162	380908	42.67	ng	95
30) 1,2,4-Trichlorobenzene	8.08	180	374099	38.88	ng	97
31) Naphthalene	8.16	128	1214986	38.54	ng	99
32) Benzoic acid	7.93	122	235405	44.09	ng	98
33) 4-Chloroaniline	8.20	127	302644	24.48	ng	94
34) Hexachlorobutadiene	8.27	225	195491	36.93	ng	98
35) Caprolactam	8.58	113	119137	42.43	ng	# 38
36) 4-Chloro-3-methylphenol	8.69	107	376869	40.49	ng	99
37) 2-Methylnaphthalene	8.84	142	791724	39.12	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	375048	46.46	ng	99
40) Hexachlorocyclopentadiene	8.99	237	293937	80.70	ng	96

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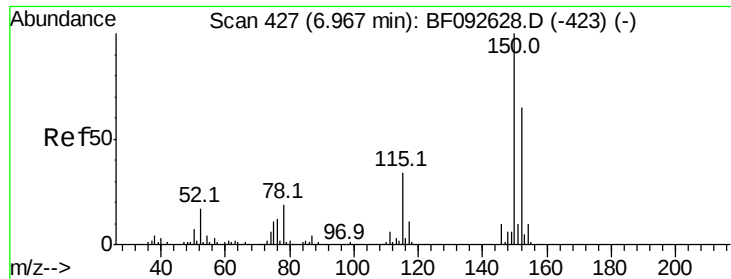
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	263944	49.76	nq	93
43) 2,4,5-Trichlorophenol	9.17	196	262030	45.08	nq #	81
45) 1,1'-Biphenyl	9.31	154	1002188	48.12	nq	100
46) 2-Chloronaphthalene	9.33	162	813085	49.91	nq	98
47) 2-Nitroaniline	9.44	65	262743	47.97	nq #	71
48) Acenaphthylene	9.74	152	1219251	43.32	nq	99
49) Dimethylphthalate	9.61	163	851734	43.97	nq	99
50) 2,6-Dinitrotoluene	9.68	165	220471	52.70	nq	95
51) Acenaphthene	9.92	154	728048	43.27	nq	96
52) 3-Nitroaniline	9.84	138	143355	29.94	nq	89
53) 2,4-Dinitrophenol	9.96	184	200855	93.53	nq	93
54) Dibenzofuran	10.09	168	1056437	46.94	nq	95
55) 4-Nitrophenol	10.02	139	314562	91.23	nq	89
56) 2,4-Dinitrotoluene	10.08	165	232783	41.80	nq	92
57) Fluorene	10.43	166	830390	47.96	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.21	232	198676	51.24	nq	95
59) Diethylphthalate	10.30	149	817416	44.78	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	352981	42.44	nq	91
61) 4-Nitroaniline	10.45	138	226186	46.13	nq	92
62) Azobenzene	10.58	77	960779	50.94	nq	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	149603	48.90	nq #	70
65) n-Nitrosodiphenylamine	10.54	169	749343	46.72	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	233876	44.58	nq #	89
67) Hexachlorobenzene	10.98	284	234258	45.19	nq	94
68) Atrazine	11.07	200	225211	43.75	nq	99
69) Pentachlorophenol	11.17	266	227854	84.68	nq	97
70) Phenanthrene	11.39	178	1247390	43.36	nq	98
71) Anthracene	11.44	178	1146968	39.70	nq	99
72) Carbazole	11.60	167	1079902	39.11	nq	99
73) Di-n-butylphthalate	11.93	149	1444076	48.35	nq #	96
74) Fluoranthene	12.57	202	1219035	41.08	nq	97
76) Benzidine	12.69	184	452964	26.81	nq	97
77) Pyrene	12.80	202	1219482	41.10	nq	100
79) Butylbenzylphthalate	13.41	149	561131	46.57	nq	97
80) Benzo(a)anthracene	13.99	228	937188	38.64	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	262729	30.39	nq #	97
82) Chrysene	14.03	228	948313	41.76	nq	98
83) Bis(2-ethylhexyl)phthalate	13.97	149	737348	44.74	nq	99
84) Di-n-octyl phthalate	14.59	149	1267954	47.25	nq	99
85) Indeno(1,2,3-cd)pyrene	16.82	276	702180	39.92	nq #	93
87) Benzo(b)fluoranthene	15.01	252	773505m	39.52	nq	
88) Benzo(k)fluoranthene	15.05	252	814797m	48.22	nq	
89) Benzo(a)pyrene	15.37	252	750859	44.35	nq	97
90) Dibenzo(a,h)anthracene	16.83	278	578863	42.30	nq	97
91) Benzo(g,h,i)perylene	17.24	276	605764	43.82	nq #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

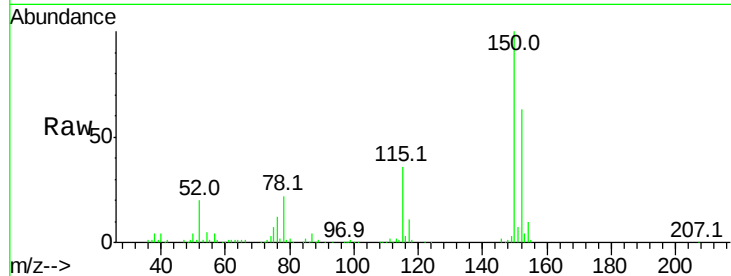
ClientSampleId :

PB97127BS

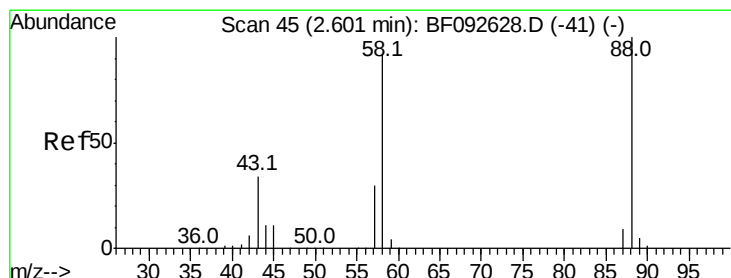
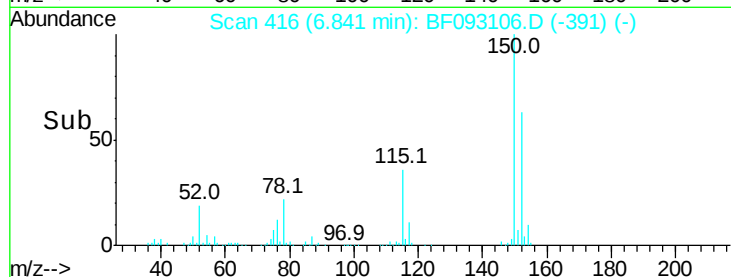
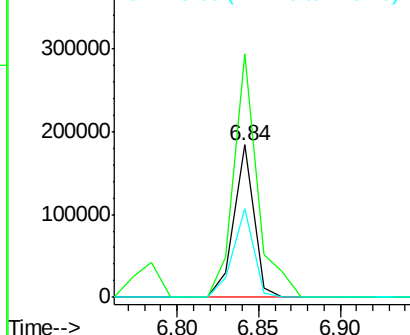
Tot Ion:	152	Resp:	154982
Ion Ratio	Lower	Upper	
152	100		
150	160.0	124.9	187.3
115	58.3	46.0	69.0

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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



#2

1,4-Dioxane

Concen: 27.93 ng

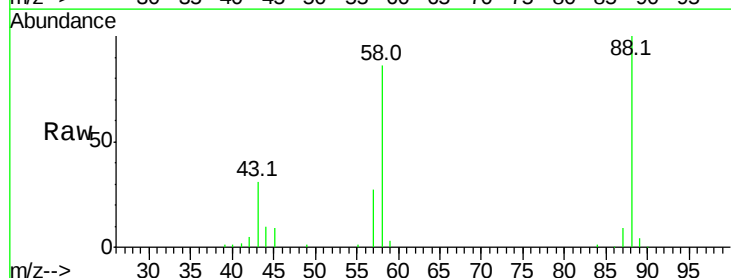
RT: 2.43 min Scan# 30

Delta R.T. -0.00 min

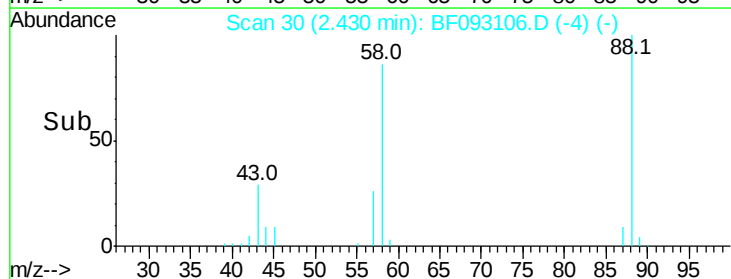
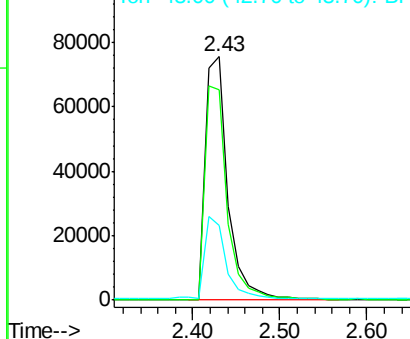
Lab File: BF093106.D

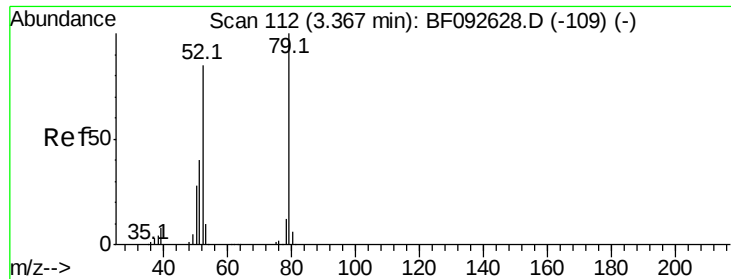
Acq: 23 Feb 2017 16:06

Tgt Ion:	88	Resp:	136314
Ion Ratio	Lower	Upper	
88	100		
58	87.7	57.8	86.8#
43	31.9	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: 34.22 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

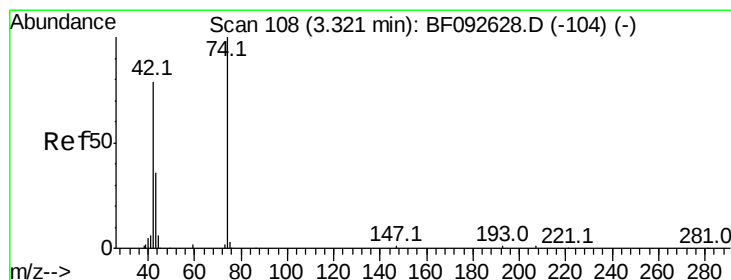
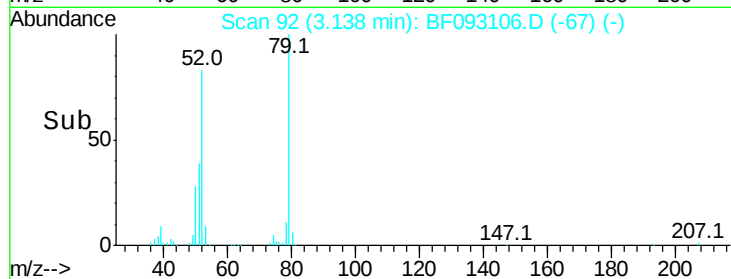
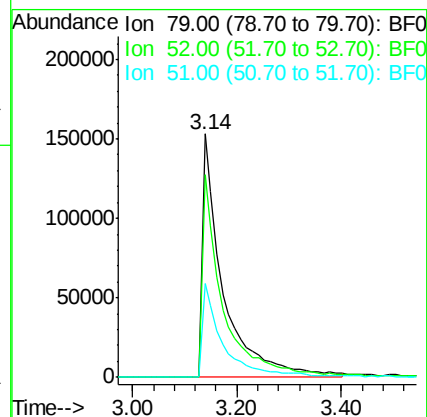
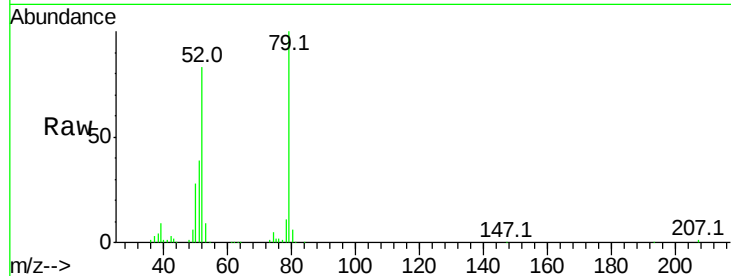
ClientSampleId :

PB97127BS

Tot Ion:	79	Resp:	424715
Ion Ratio	Lower	Upper	
79	100		
52	83.1	57.1	85.7
51	38.6	27.3	40.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.72 ng

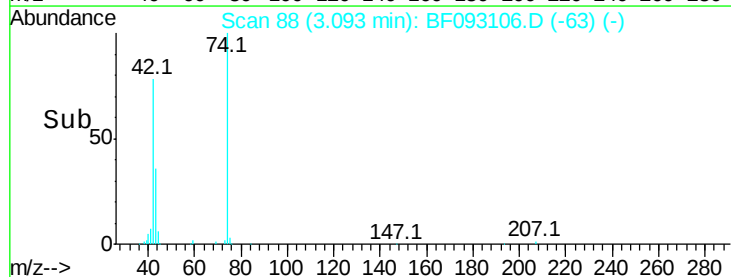
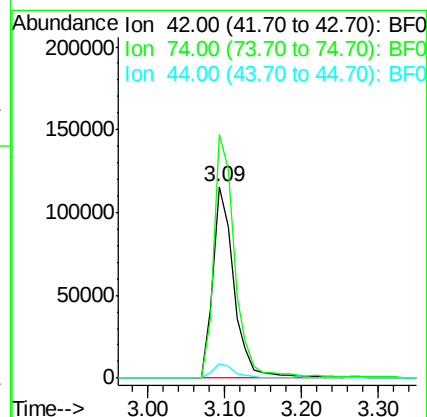
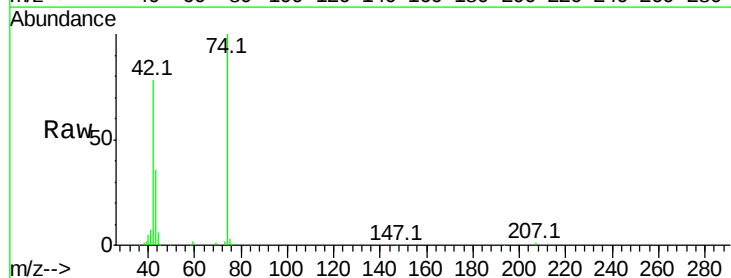
RT: 3.09 min Scan# 88

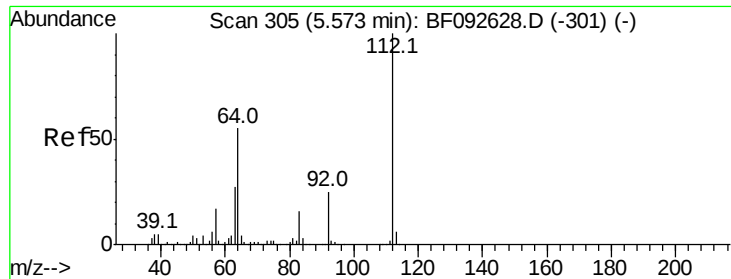
Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Tgt Ion:	42	Resp:	219834
Ion Ratio	Lower	Upper	
42	100		
74	127.4	117.0	175.4
44	7.5	5.5	8.3





#5

2-Fluorophenol

Concen: 120.16 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

ClientSampleId :

PB97127BS

Tot Ion: 112 Resp: 1085435

Ion Ratio Lower Upper

112 100

64 65.8 46.1 69.1

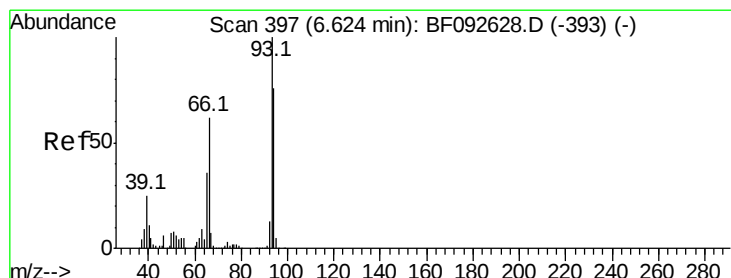
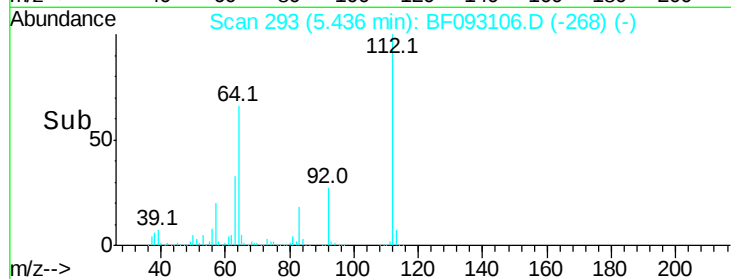
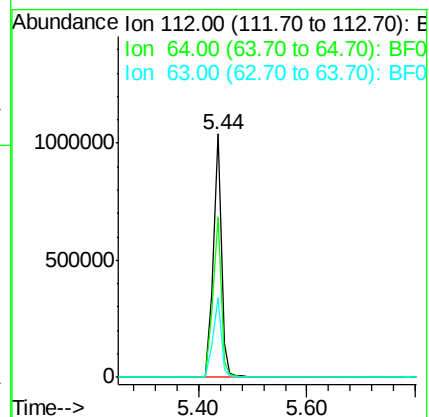
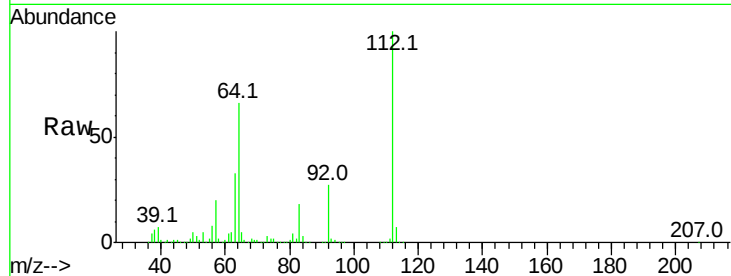
63 32.7 23.8 35.6

Manual Integrations

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#6

Aniline

Concen: 32.87 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

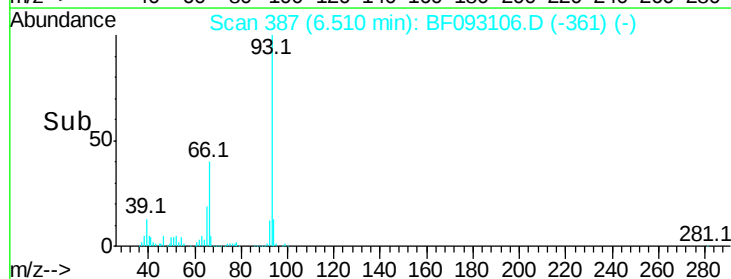
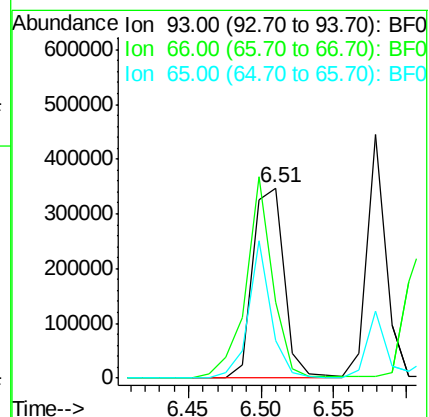
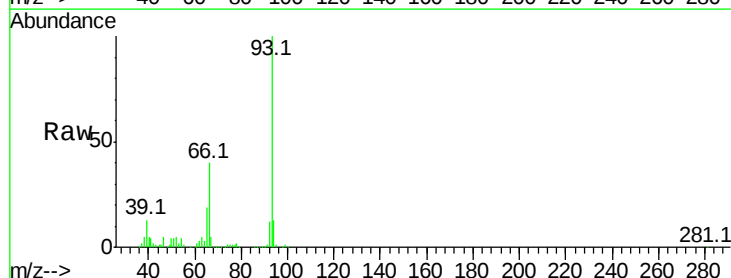
Tgt Ion: 93 Resp: 521171

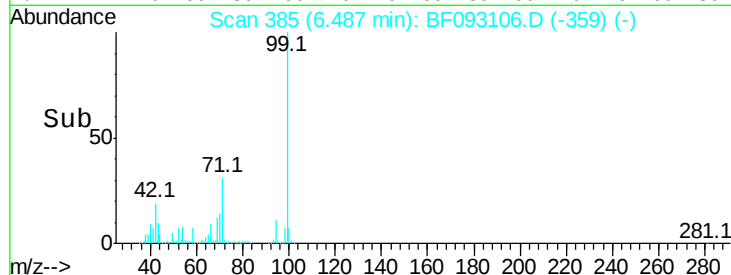
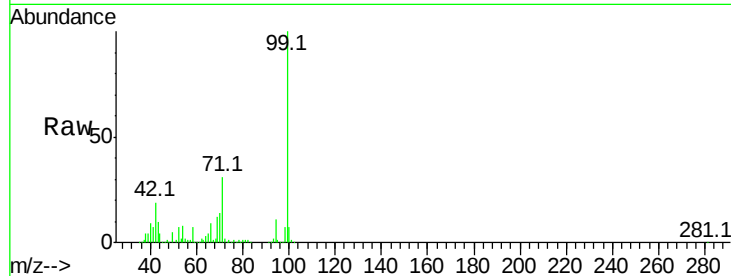
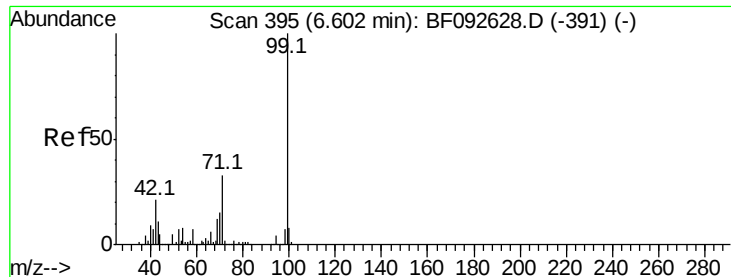
Ion Ratio Lower Upper

93 100

66 39.8 76.2 114.2#

65 19.5 49.3 73.9#





#7

Phenol-d6

Concen: 124.10 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Tot Ion: 99 Resp: 1442393

Ion Ratio Lower Upper

99 100

42 18.6 15.6 23.4

71 31.4 27.5 41.3

Instrument :

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ClientSampleId :

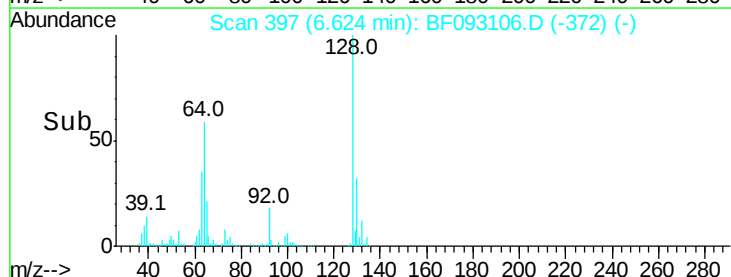
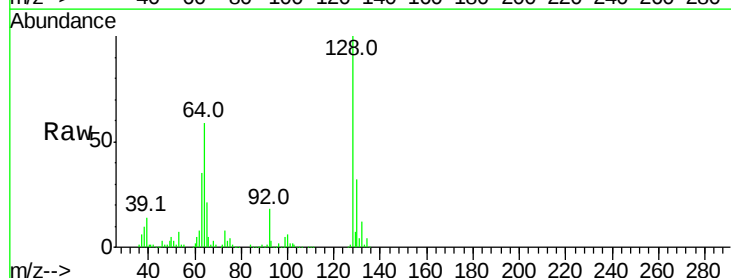
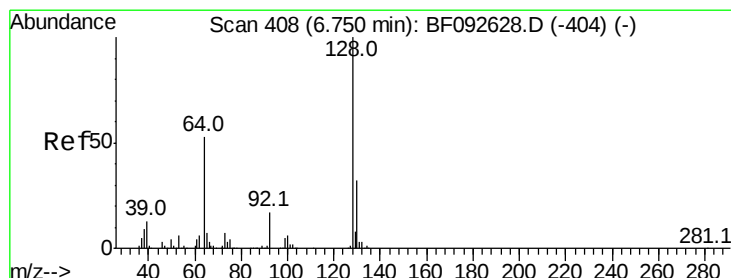
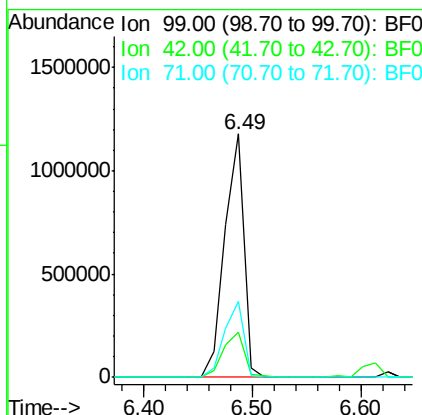
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#8

2-Chlorophenol

Concen: 41.24 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

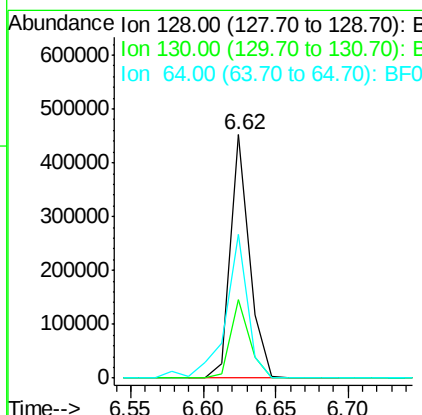
Tgt Ion: 128 Resp: 410972

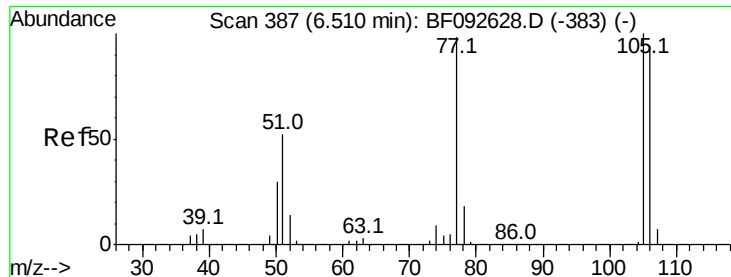
Ion Ratio Lower Upper

128 100

130 32.2 12.3 52.3

64 59.1 32.2 72.2





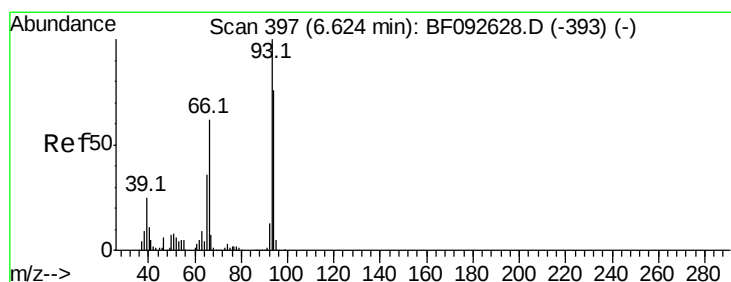
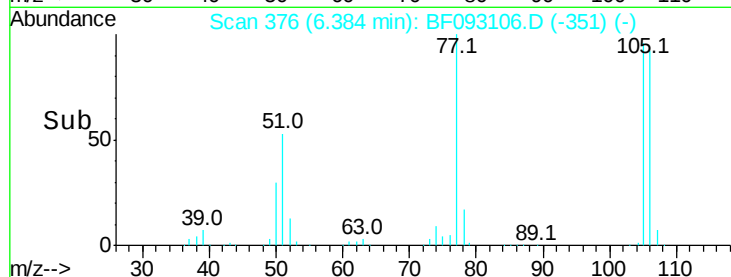
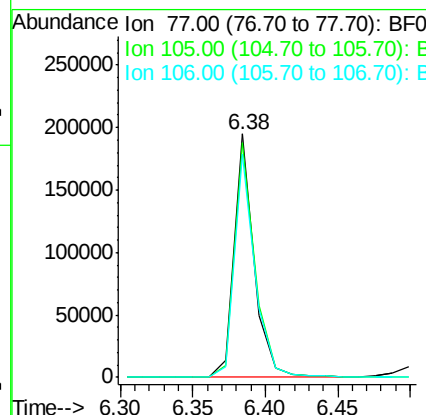
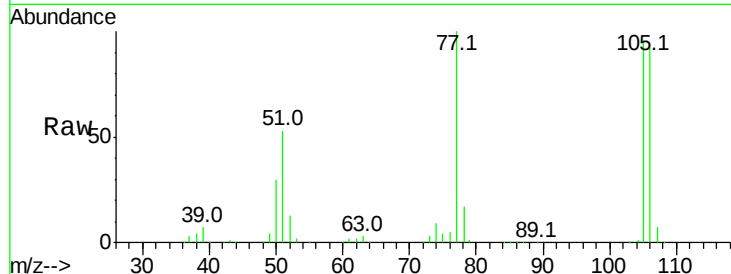
#9
Benzaldehyde
Concen: 22.36 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampled :
PB97127BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.4	83.9	123.9
106	91.9	77.6	117.6

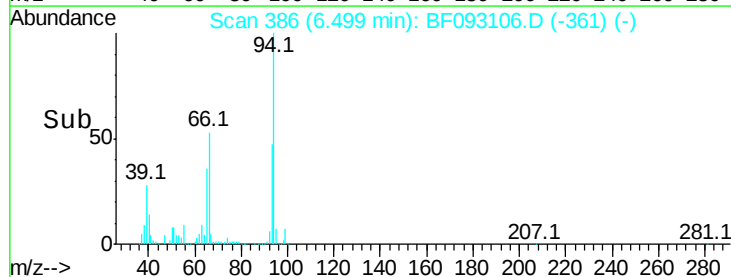
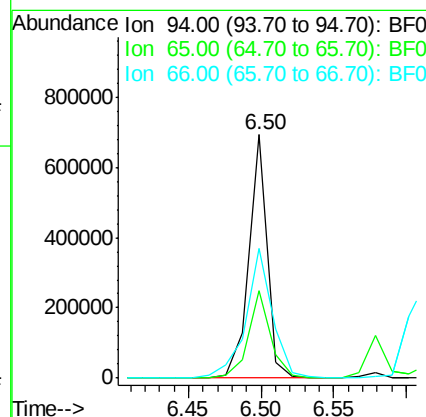
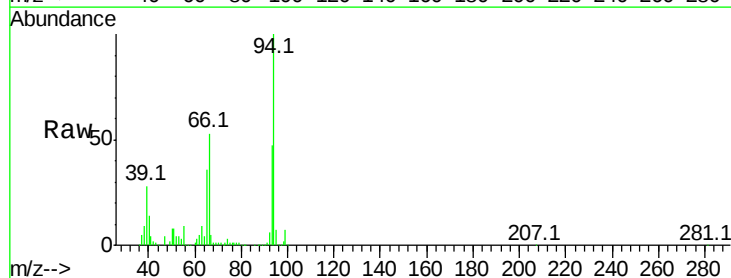
Manual Integrations
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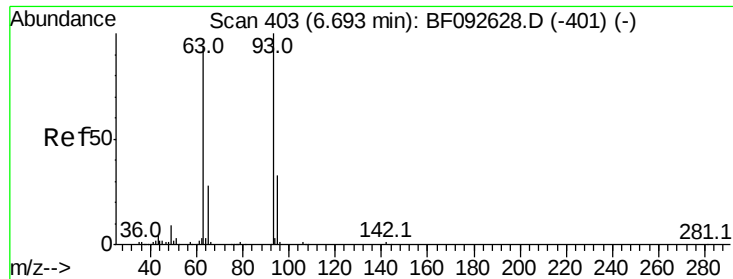
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2/24/2017 2:11:02 PM



#10
Phenol
Concen: 44.87 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.1	21.4	61.4
66	53.2	44.0	84.0





#11

bis(2-Chloroethyl)ether

Concen: 36.60 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

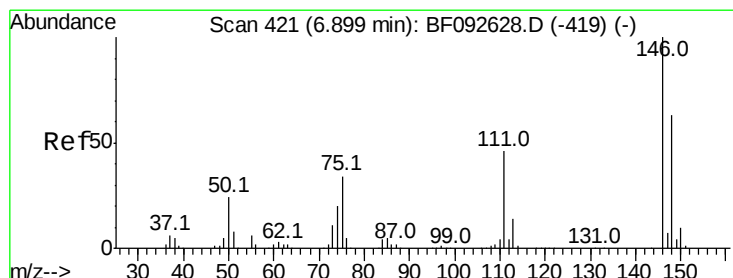
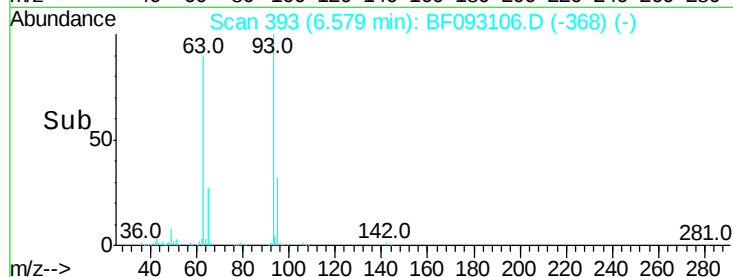
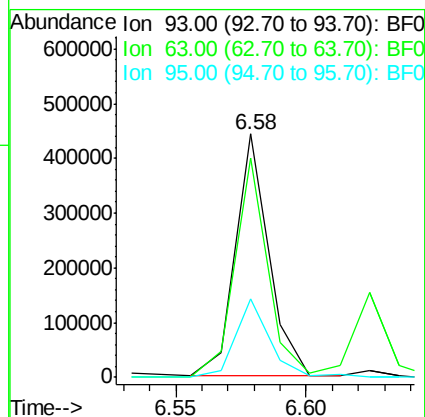
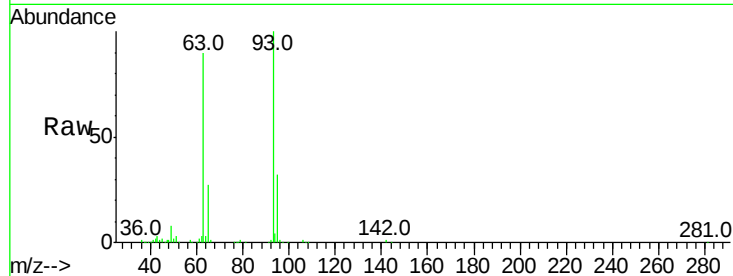
ClientSampleId :

PB97127BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.9	60.4	100.4
95	32.4	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 38.77 ng

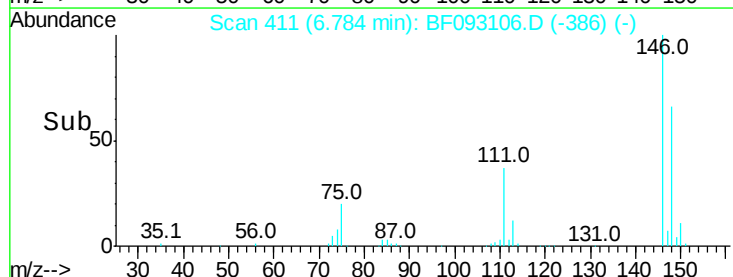
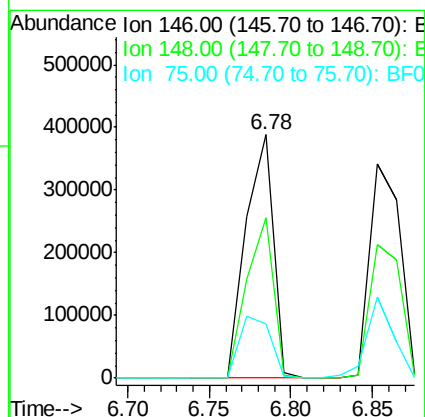
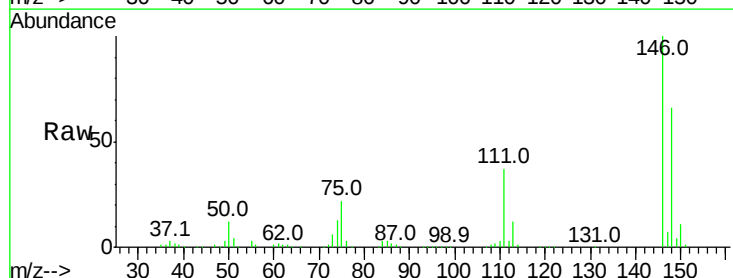
RT: 6.78 min Scan# 411

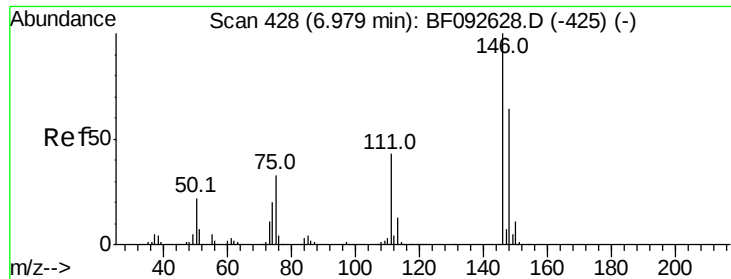
Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.4	80.0
75	22.1	18.5	27.7





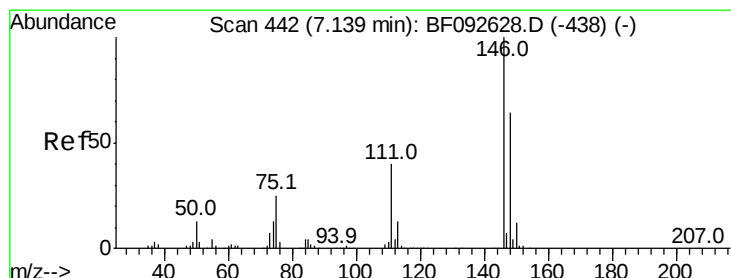
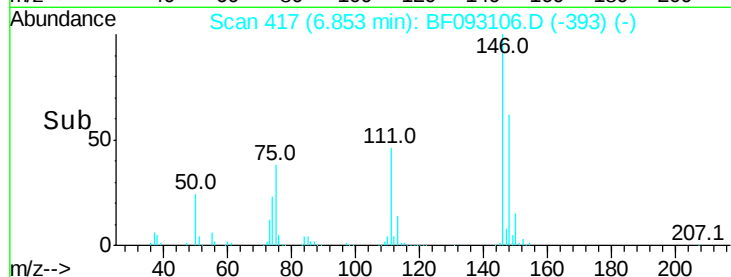
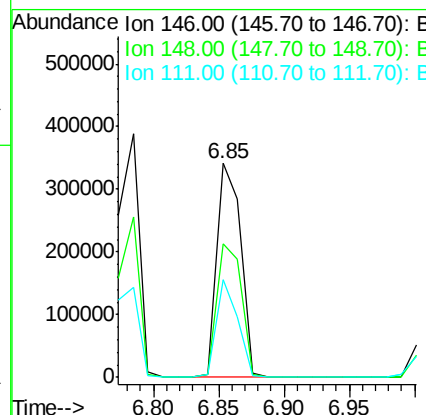
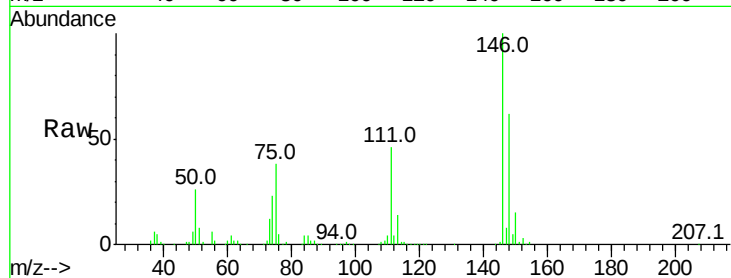
#13
 1,4-Dichlorobenzene
 Concen: 37.23 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Instrument :
 BNA_F
 ClientSampled :
 PB97127BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.2	50.6	76.0
111	45.8	36.2	54.4

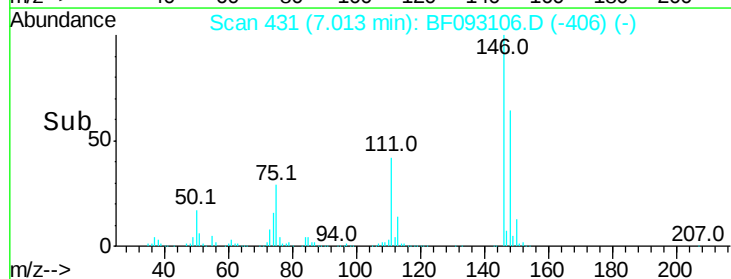
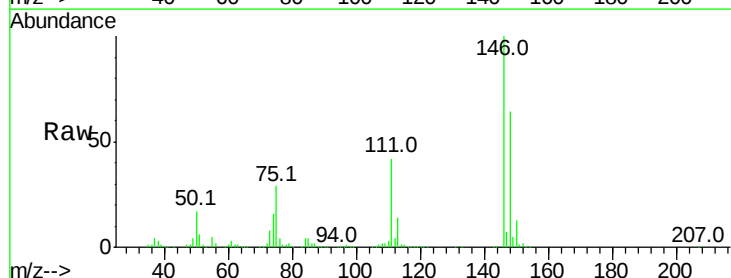
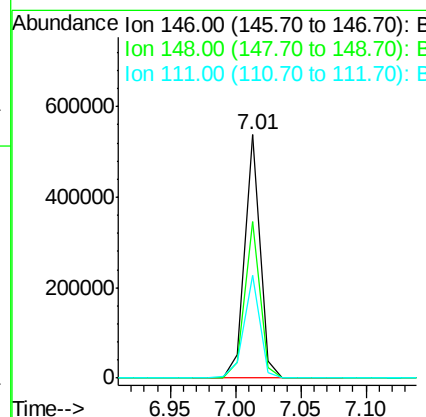
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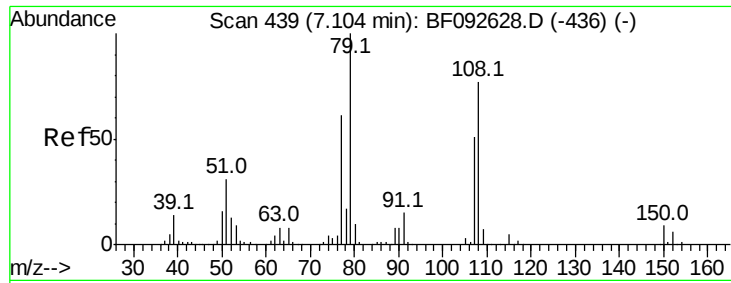
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.25 ng
 RT: 7.01 min Scan# 431
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.2	78.2
111	42.4	36.2	54.2





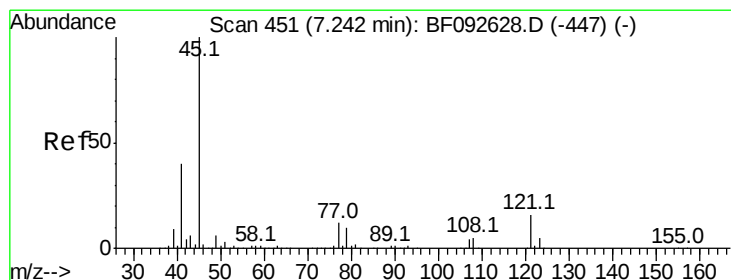
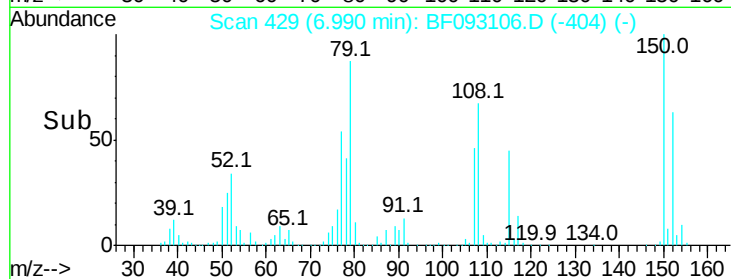
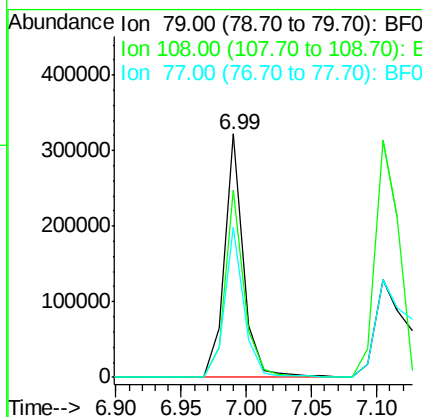
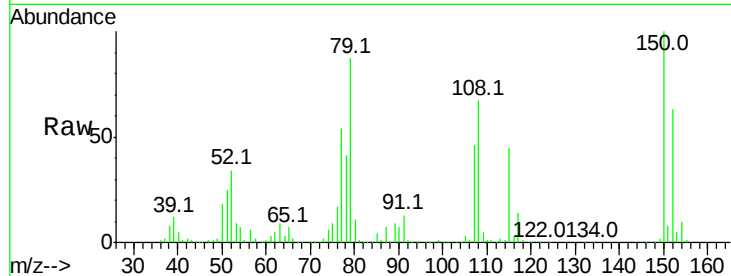
#15
Benzyl Alcohol
Concen: 37.96 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	61.4	92.0
77	61.9	50.9	76.3

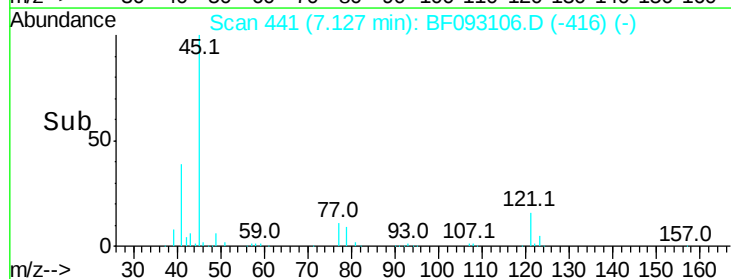
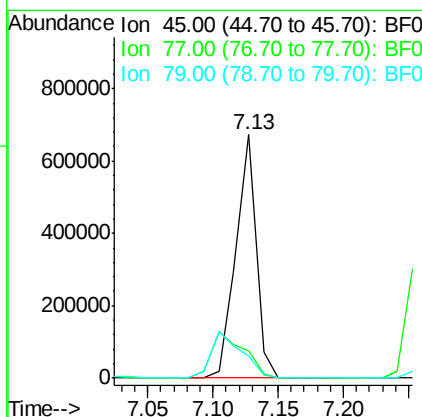
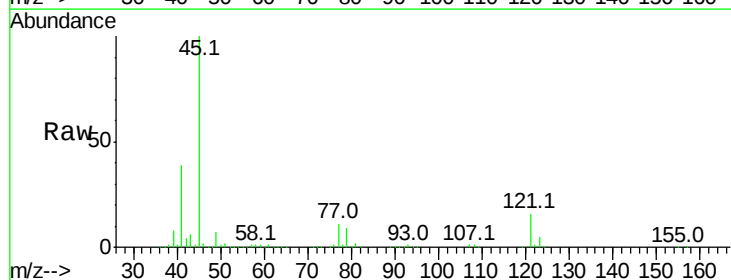
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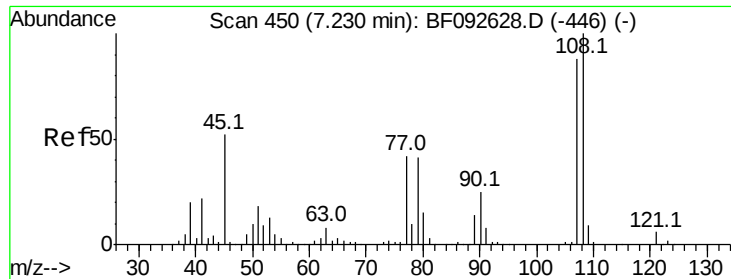
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.49 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	34.6
79	9.3	0.0	31.2





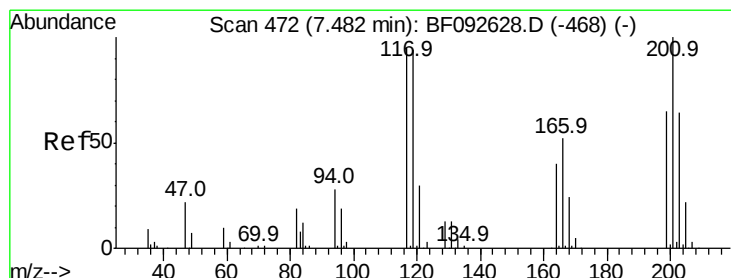
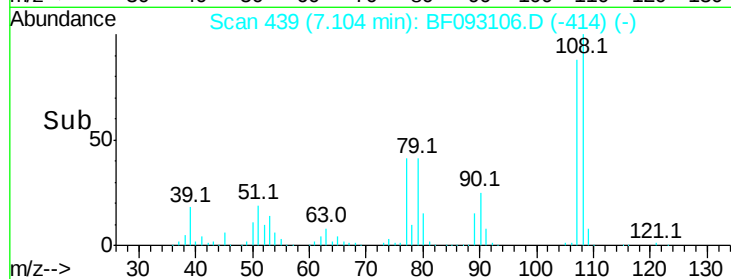
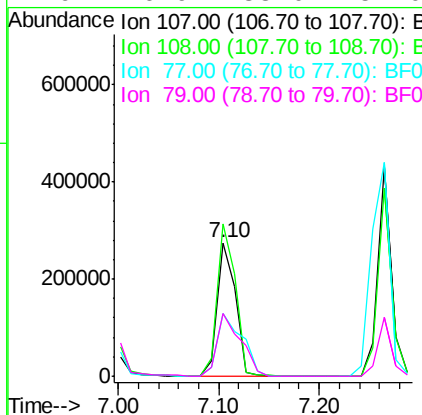
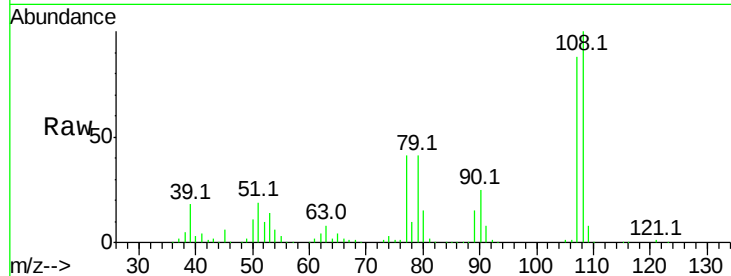
#17
2-Methylphenol
Concen: 40.42 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	93.0	139.6	
77	47.1	39.8	59.8	
79	46.9	38.0	57.0	

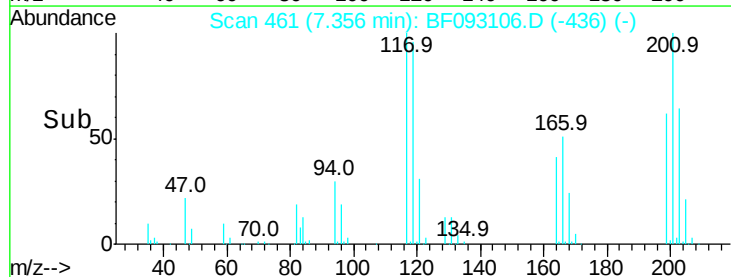
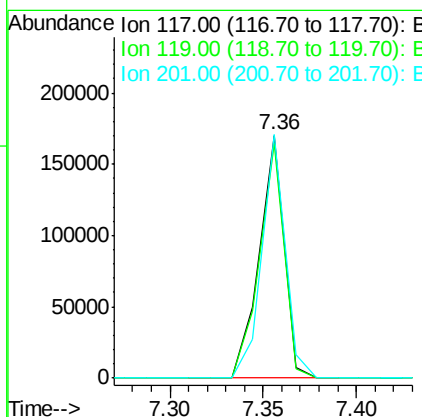
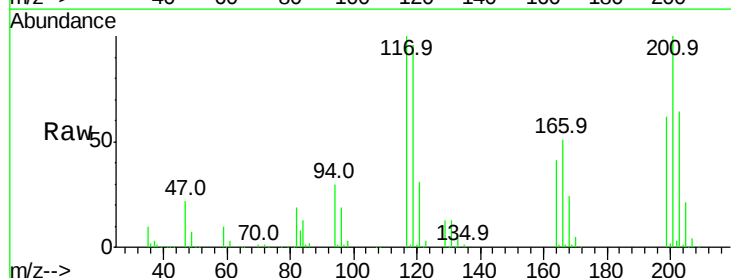
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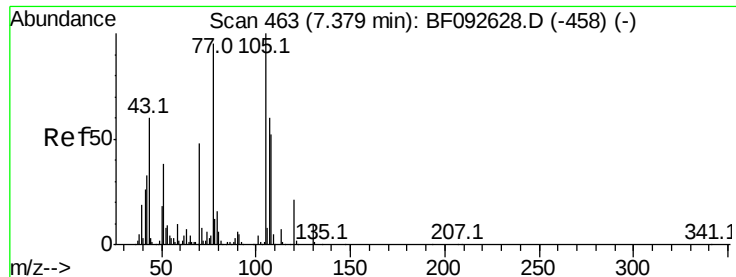
mohammad
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#18
Hexachloroethane
Concen: 38.71 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	78.1	117.1	
201	100.4	78.6	117.8	





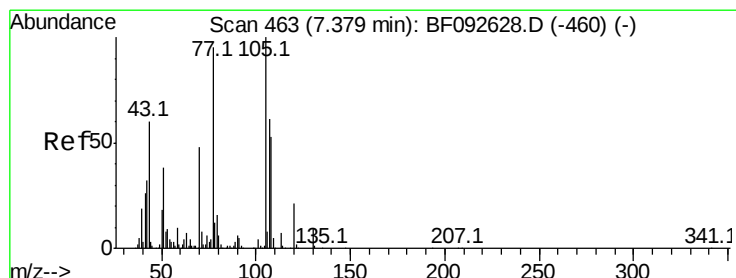
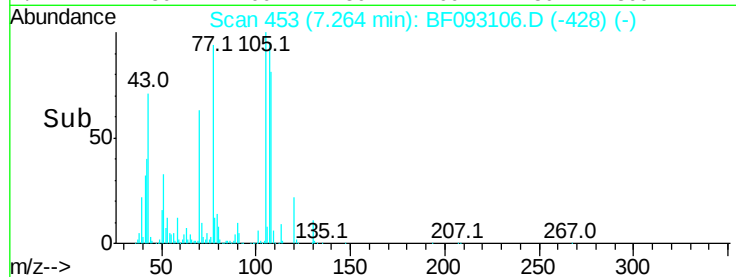
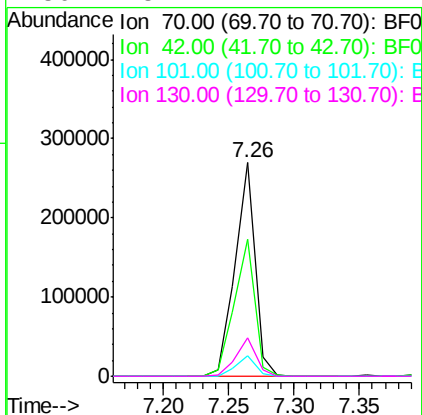
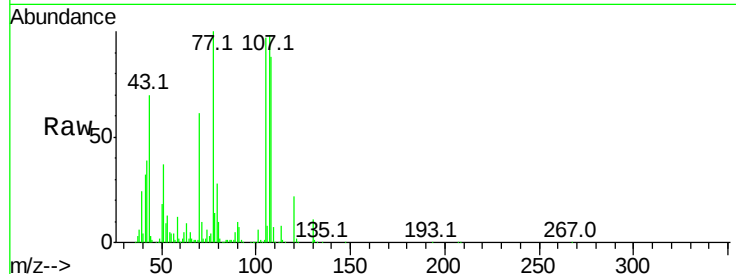
#19
n-Nitroso-di-n-propylamine
Concen: 38.80 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.1	49.4	74.0
101	9.5	7.4	11.2
130	18.1	14.2	21.4

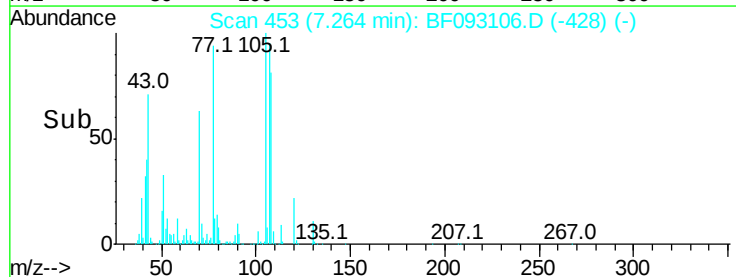
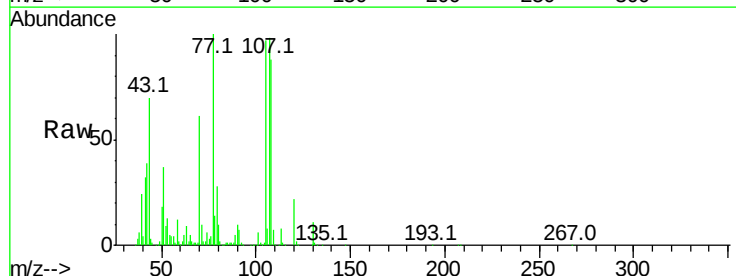
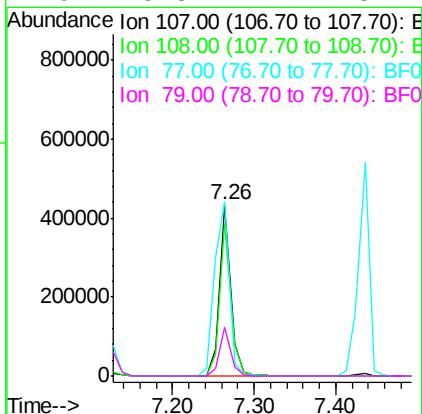
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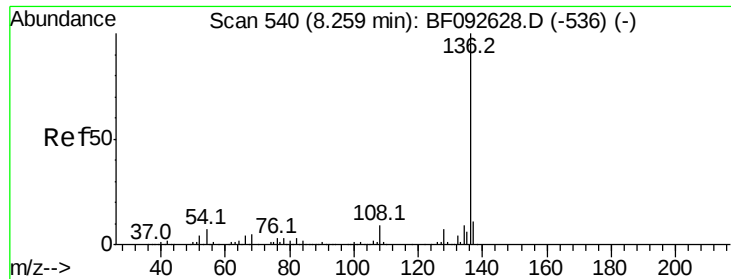
mohammad
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#20
3+4-Methylphenols
Concen: 40.26 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.4	73.0	113.0
77	101.5	71.3	111.3
79	28.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

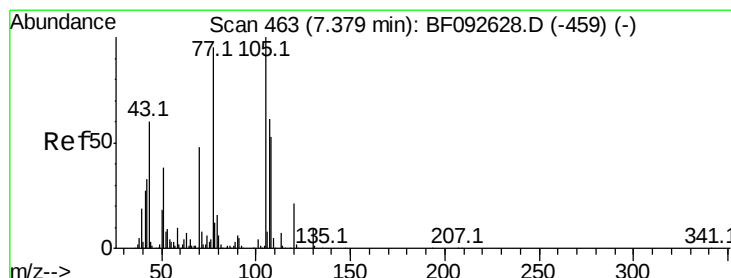
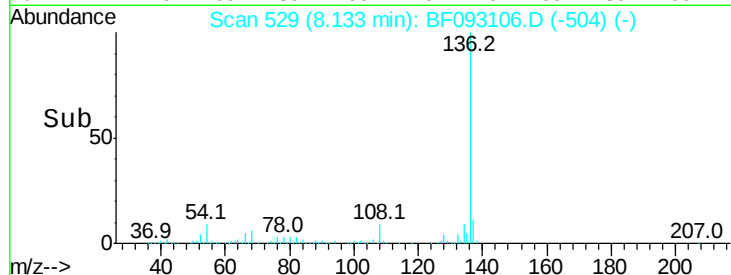
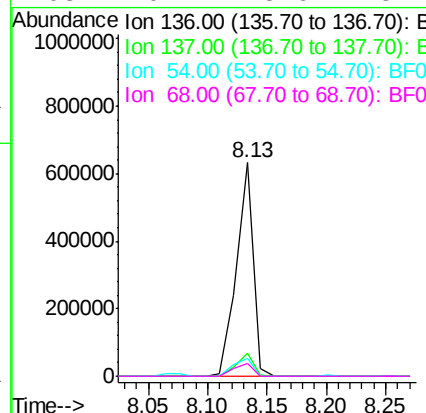
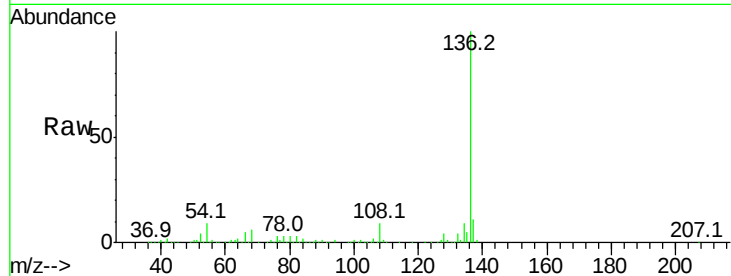
ClientSampleId :

PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	621840		
137	11.0	8.4	12.6	
54	8.5	4.5	6.7#	
68	6.2	3.6	5.4#	

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#22

Acetophenone

Concen: 39.38 ng

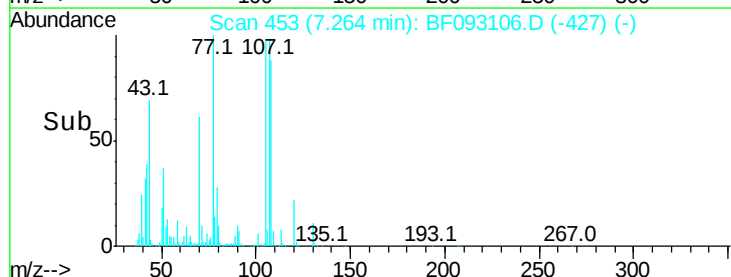
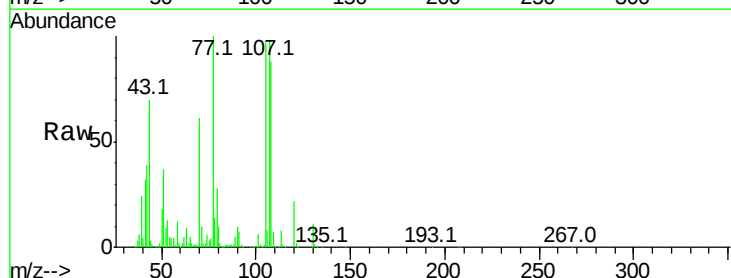
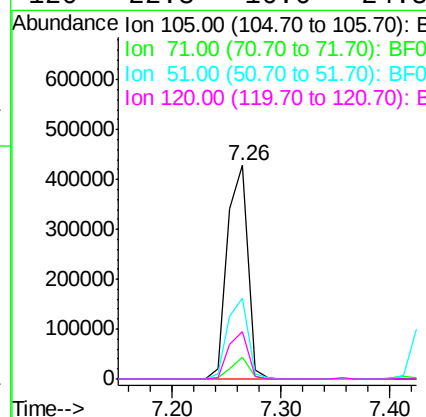
RT: 7.26 min Scan# 453

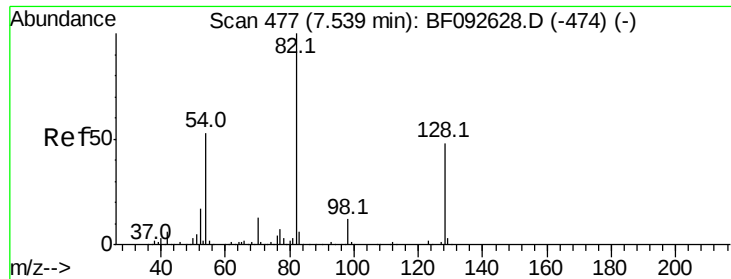
Delta R.T. -0.00 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	559150		
71	10.2	3.2	4.8#	
51	37.7	26.2	39.4	
120	22.3	16.6	24.8	





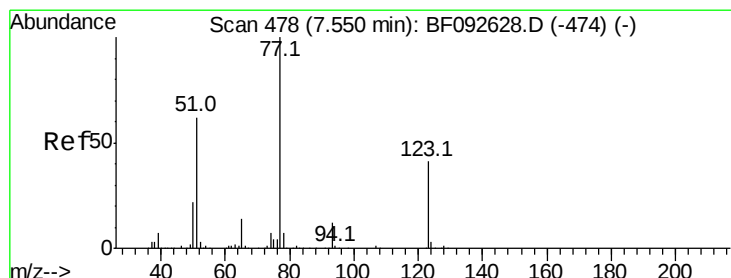
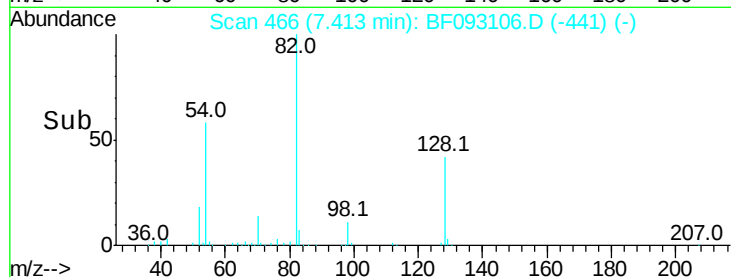
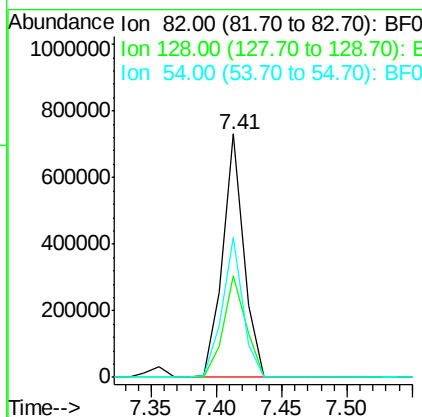
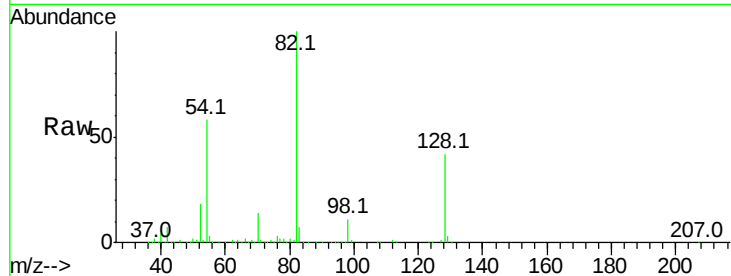
#23
Nitrobenzene-d5
Concen: 74.59 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.6	34.6	52.0	
54	57.7	39.5	59.3	

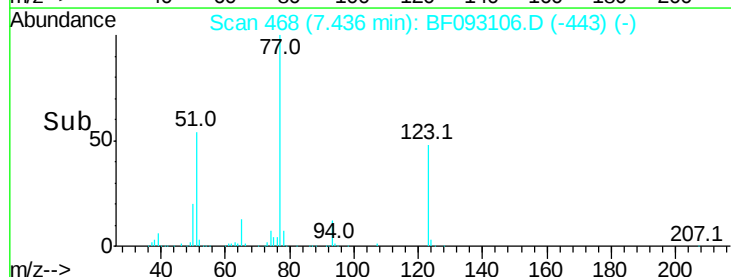
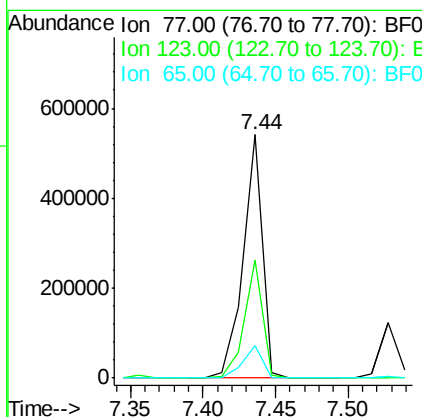
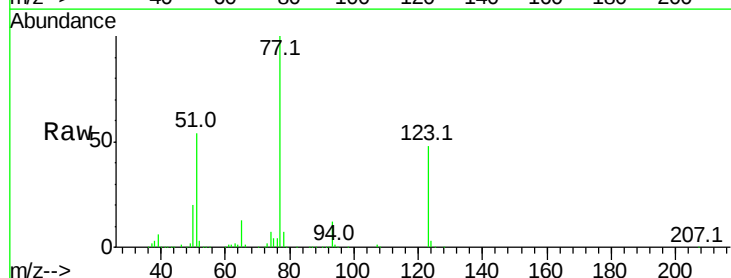
Manual Integrations
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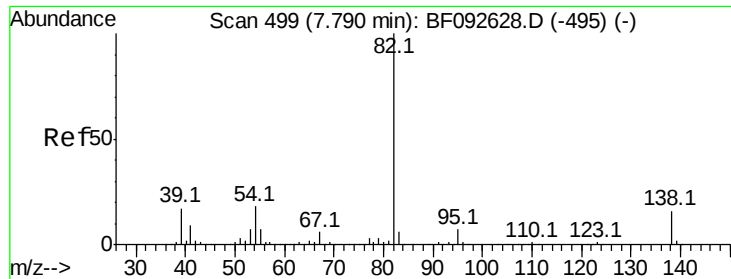
mohammad
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#24
Nitrobenzene
Concen: 43.26 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.3	33.0	49.4	
65	13.4	11.2	16.8	





#25

Isophorone

Concen: 41.38 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

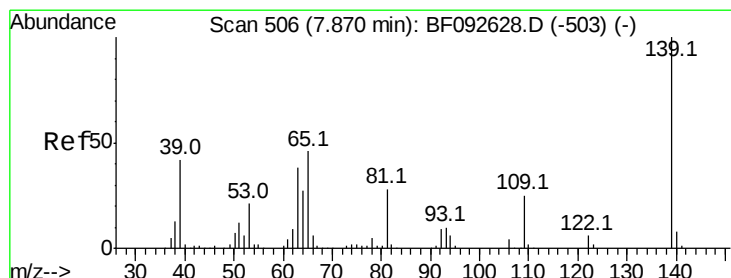
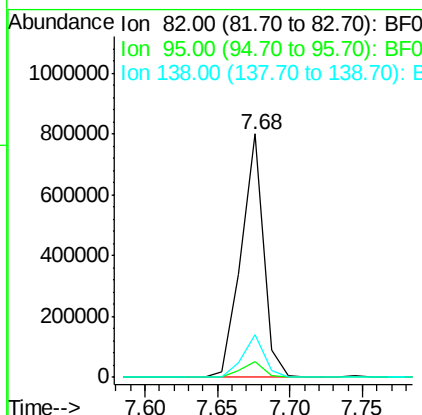
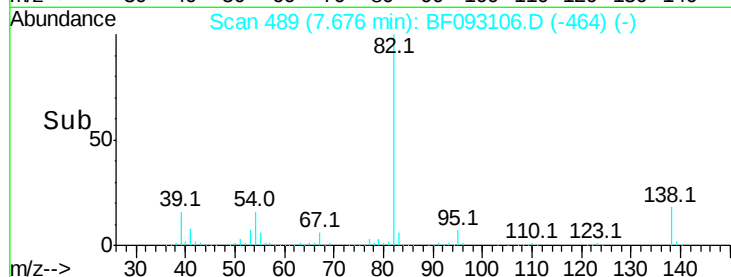
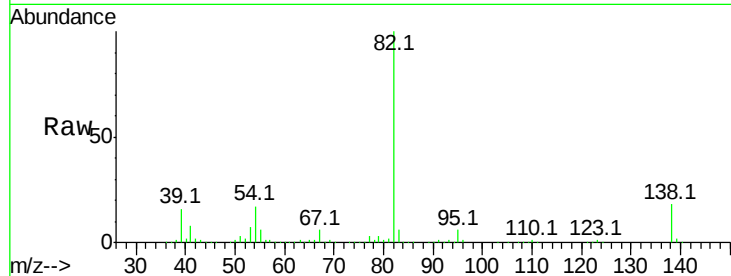
ClientSampleId :

PB97127BS

Tot Ion:	82	Resp:	861008
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.6	8.4
138	17.6	14.6	22.0

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#26

2-Nitrophenol

Concen: 41.74 ng

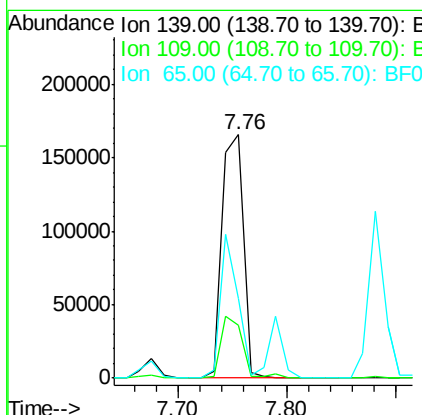
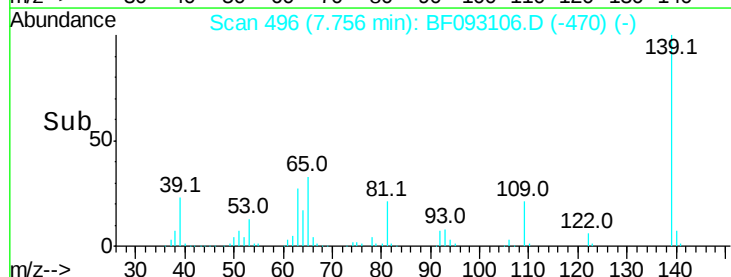
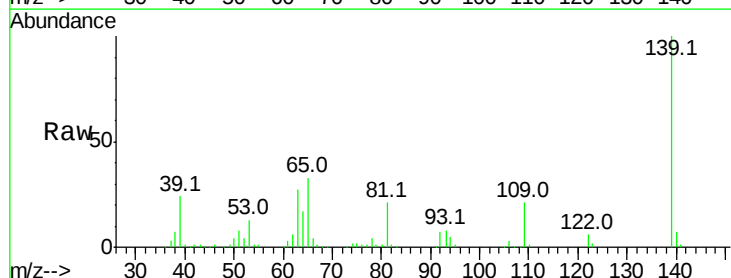
RT: 7.76 min Scan# 496

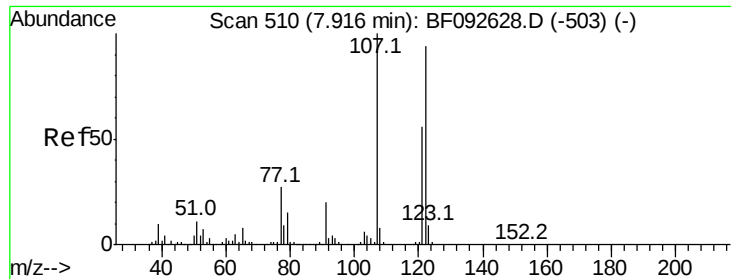
Delta R.T. -0.00 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Tgt Ion:	139	Resp:	227519
Ion Ratio		Lower	Upper
139	100		
109	21.5	23.3	34.9#
65	32.9	42.7	64.1#





#27

2,4-Dimethylphenol

Concen: 40.08 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

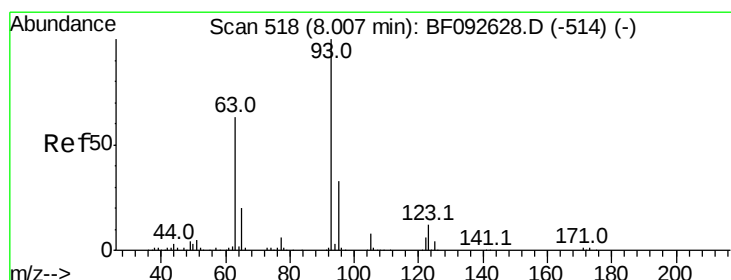
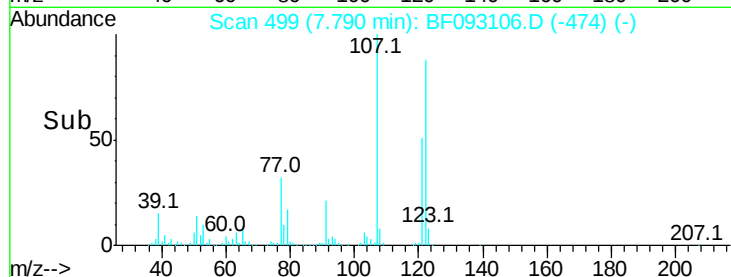
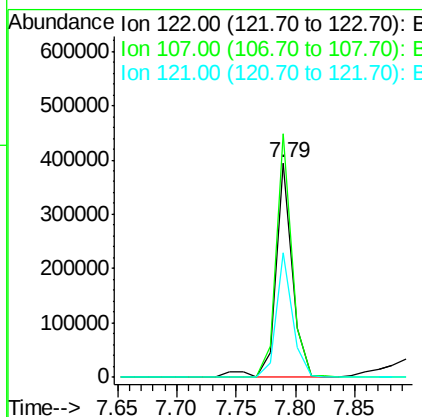
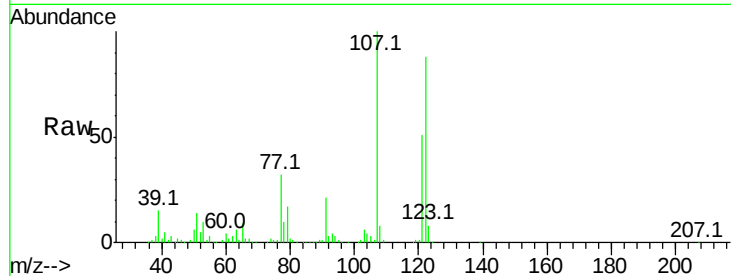
ClientSampleId :

PB97127BS

Tot Ion:	122	Resp:	383675
Ion Ratio	Lower	Upper	
122	100		
107	113.5	94.1	141.1
121	58.2	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 37.00 ng

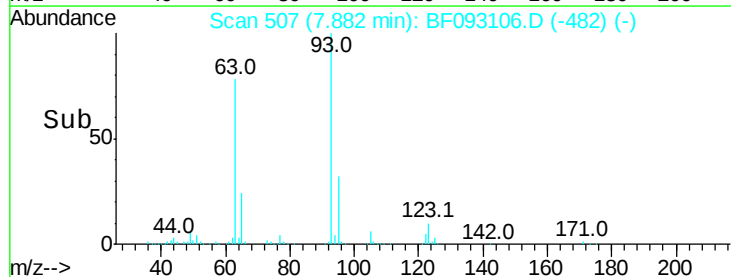
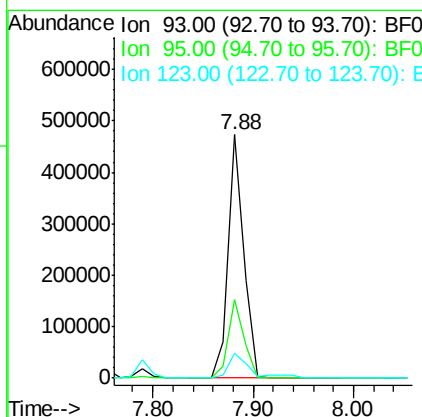
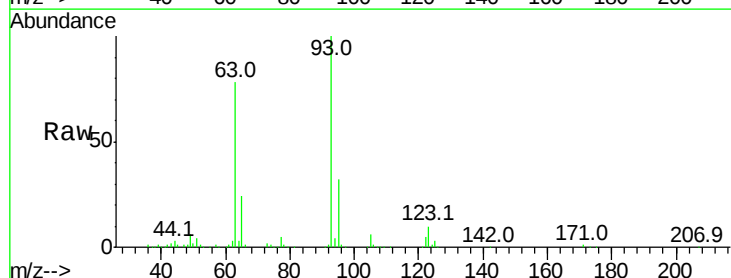
RT: 7.88 min Scan# 507

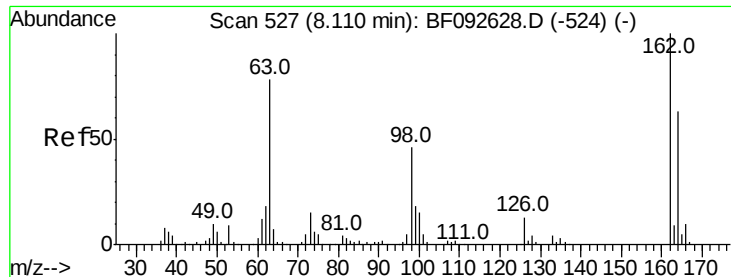
Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Tgt Ion:	93	Resp:	509926
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.5	39.7
123	10.0	8.6	13.0





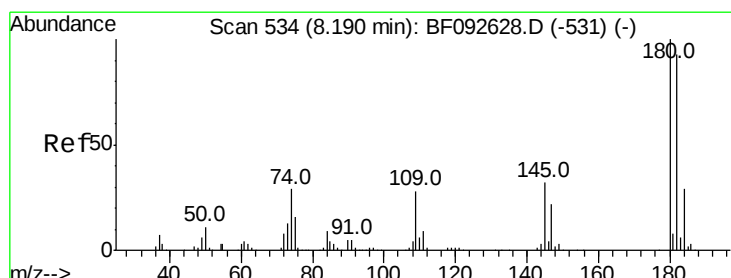
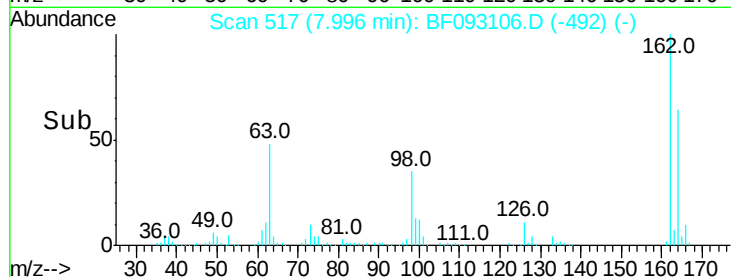
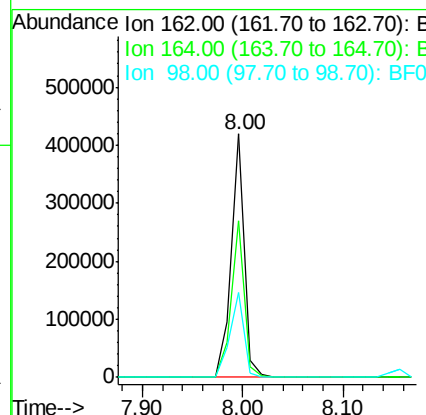
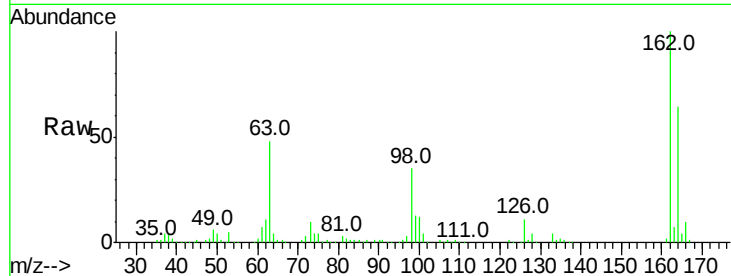
#29
 2,4-Dichlorophenol
 Concen: 42.67 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Instrument :
 BNA_F
 ClientSampled :
 PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	380908		
164	64.4	46.8	86.8	
98	35.1	9.1	49.1	

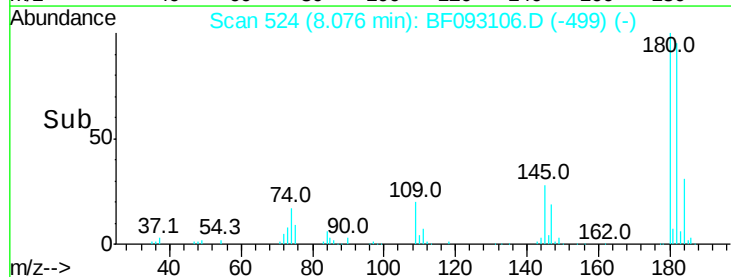
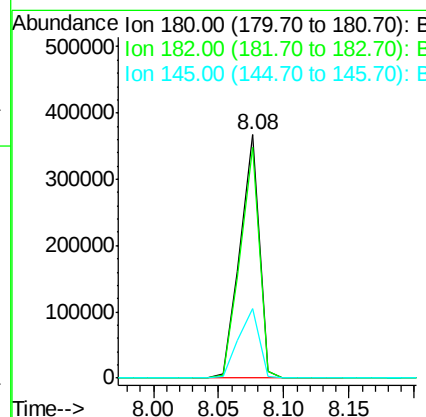
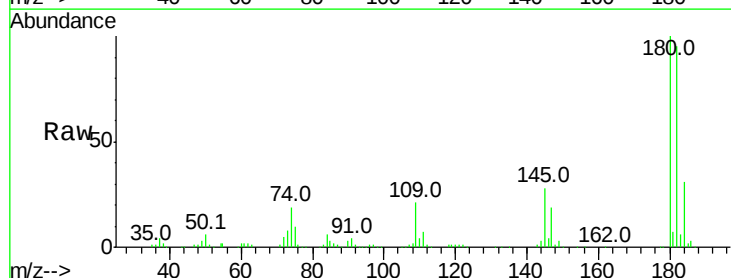
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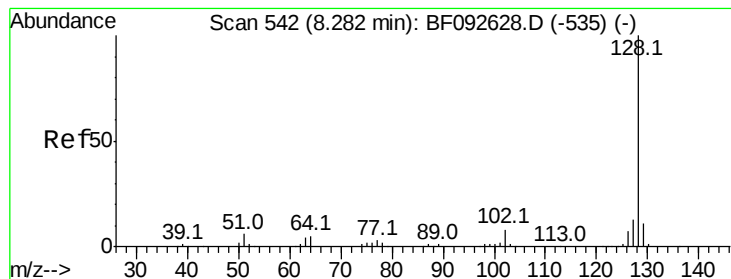
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.88 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	374099		
182	94.6	78.2	117.4	
145	28.3	21.6	32.4	





#31

Naphthalene

Concen: 38.54 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

ClientSampleId :

PB97127BS

Tot Ion:128 Resp: 1214986

Ion Ratio Lower Upper

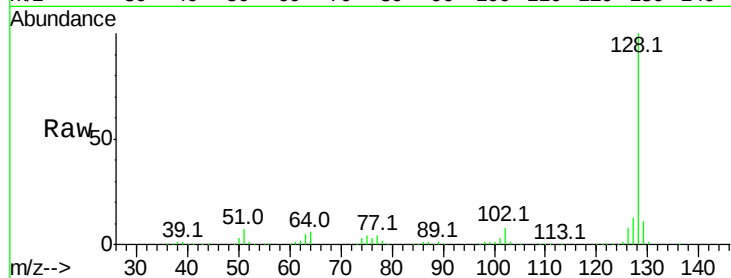
128 100

129 11.1 9.5 14.3

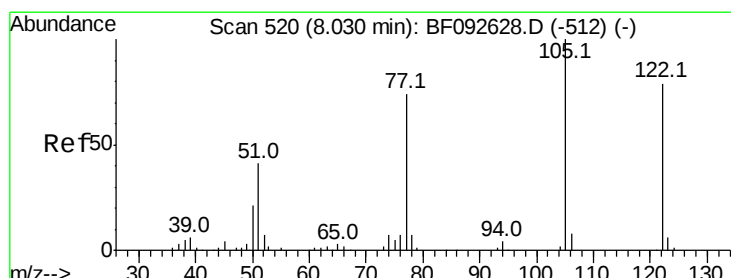
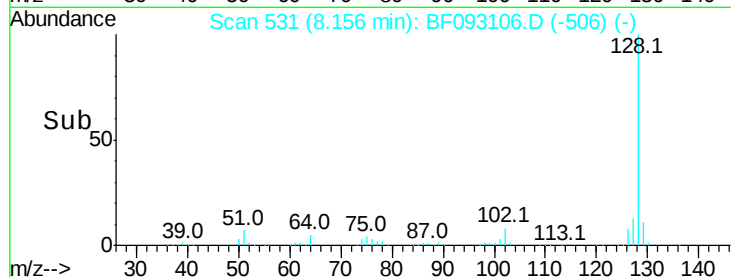
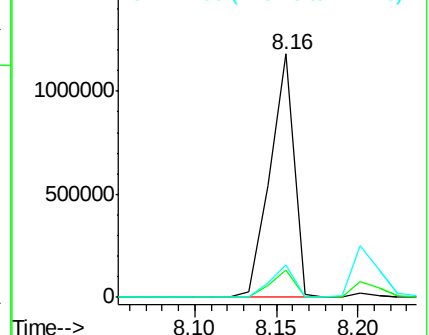
127 13.4 10.8 16.2

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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: 44.09 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

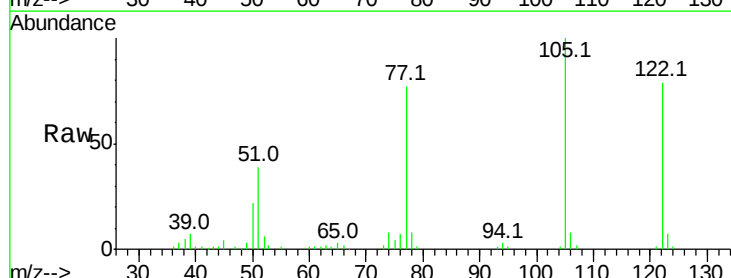
Tgt Ion:122 Resp: 235405

Ion Ratio Lower Upper

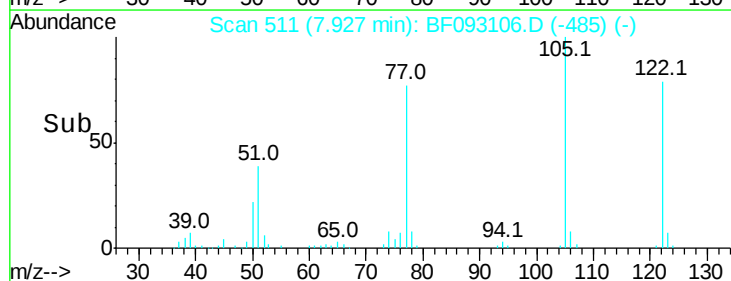
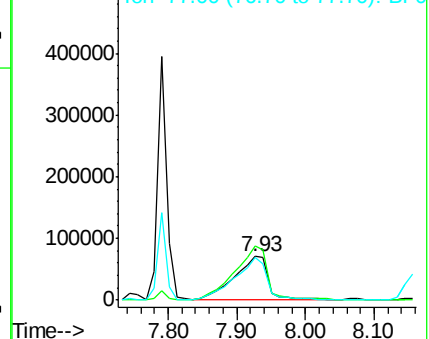
122 100

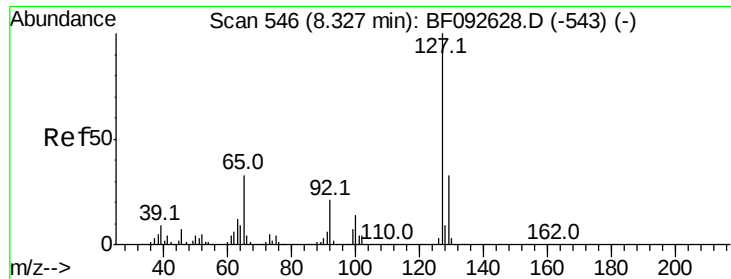
105 125.9 107.2 147.2

77 97.3 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





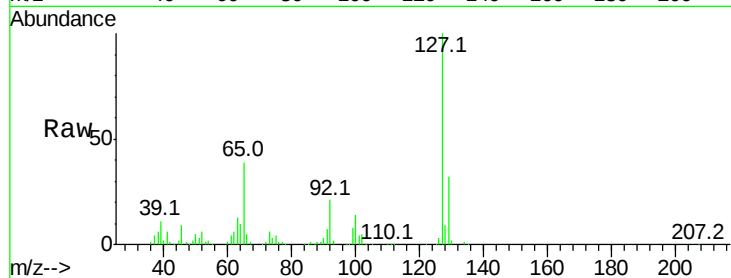
#33
4-Chloroaniline
Concen: 24.48 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

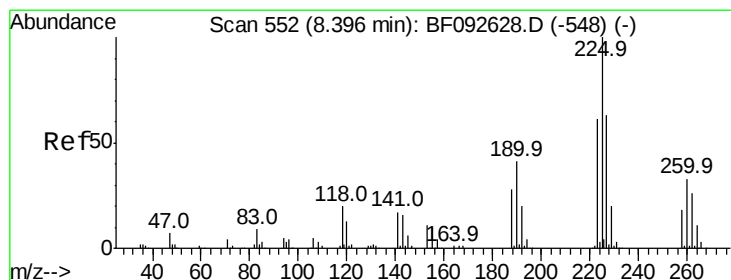
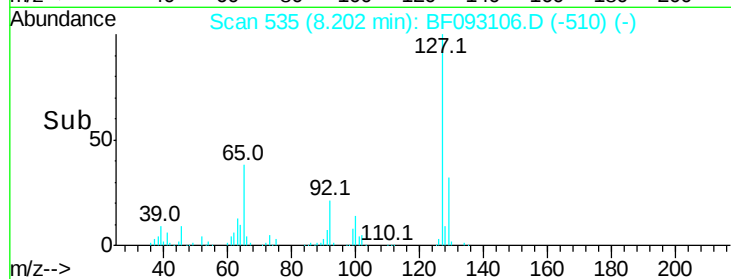
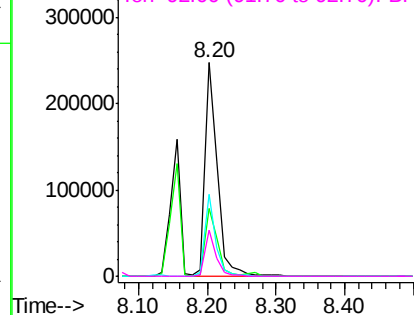
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	26.3	39.5	
65	38.6	25.8	38.8	
92	21.4	16.1	24.1	

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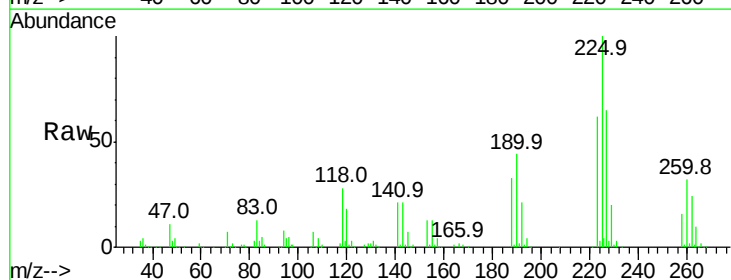


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

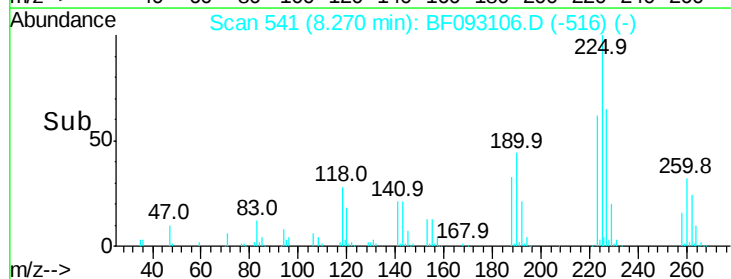
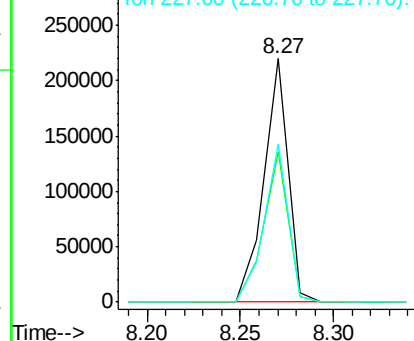


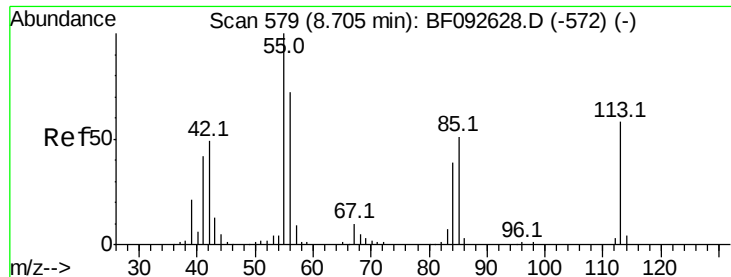
#34
Hexachlorobutadiene
Concen: 36.93 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	51.0	76.6	
227	64.6	50.6	76.0	



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





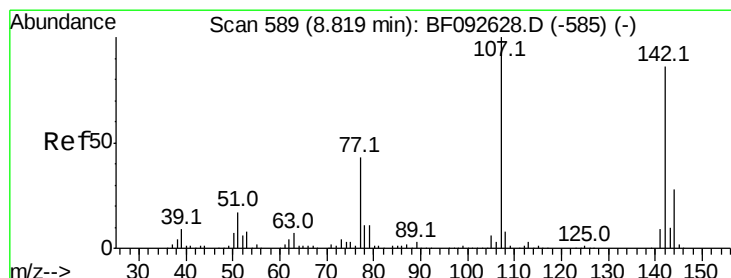
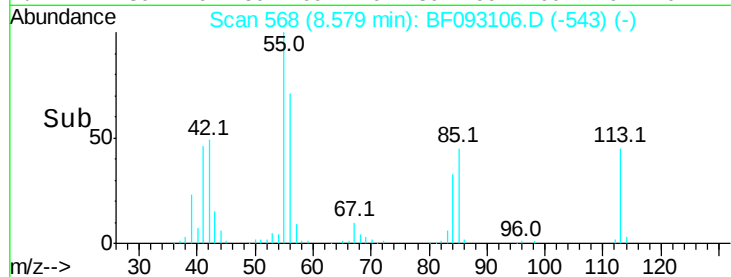
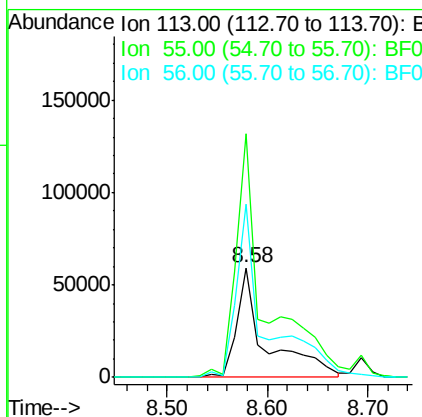
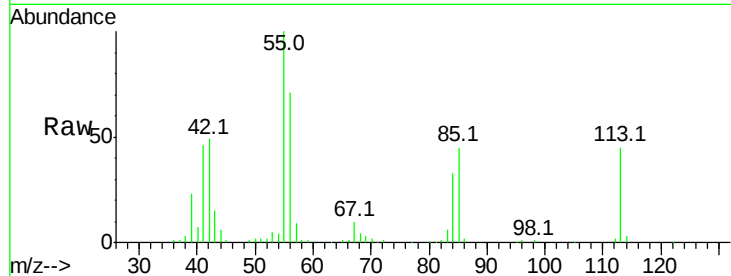
#35
 Caprolactam
 Concen: 42.43 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Instrument :
 BNA_F
 ClientSampleID :
 PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	222.6	119.2	159.2#	
56	158.1	83.8	123.8#	

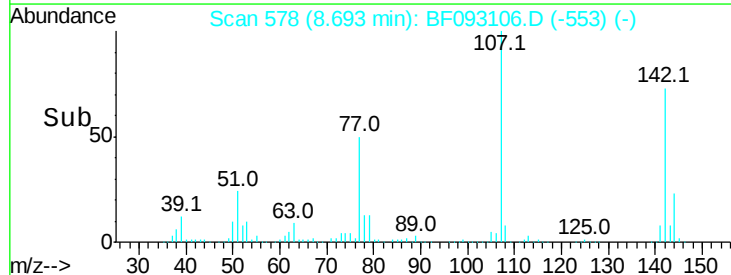
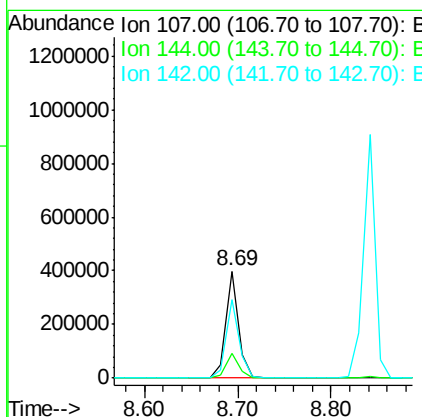
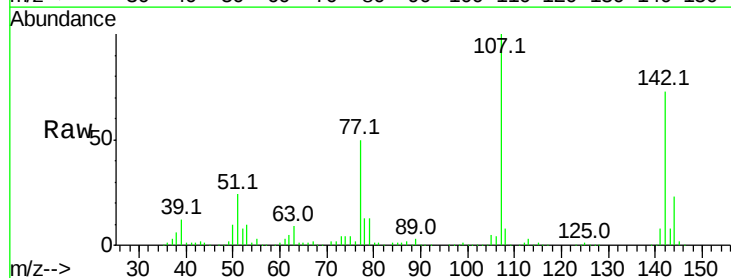
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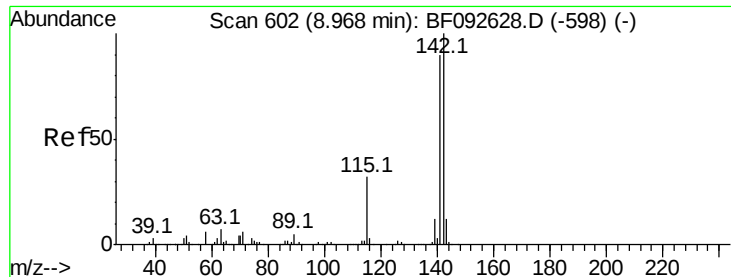
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#36
 4-Chloro-3-methylphenol
 Concen: 40.49 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.2	19.3	28.9	
142	73.0	59.0	88.6	





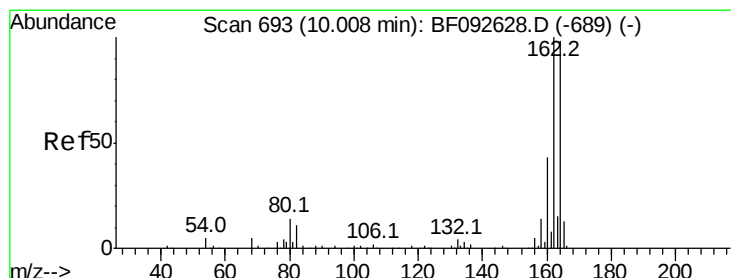
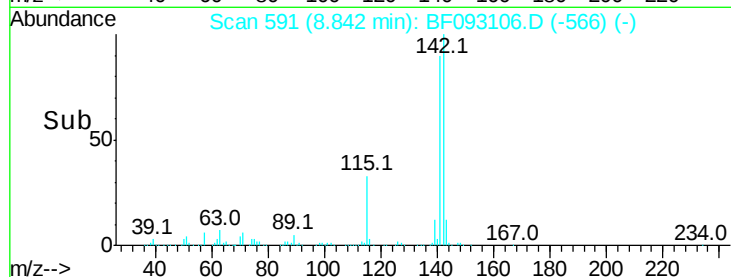
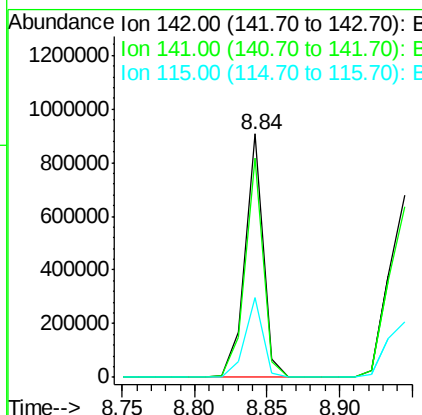
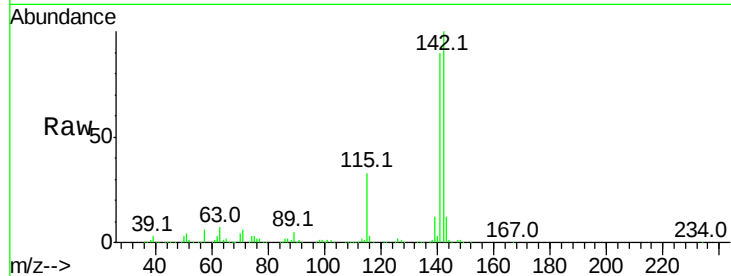
#37
2-Methylnaphthalene
Concen: 39.12 ng
RT: 8.84 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.0	106.6
115	32.6	28.3	42.5

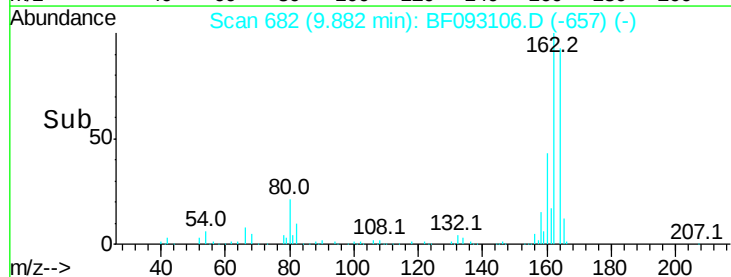
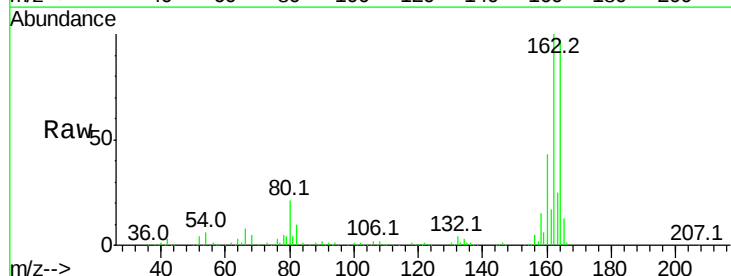
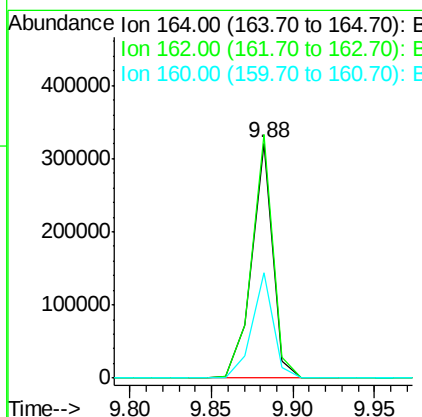
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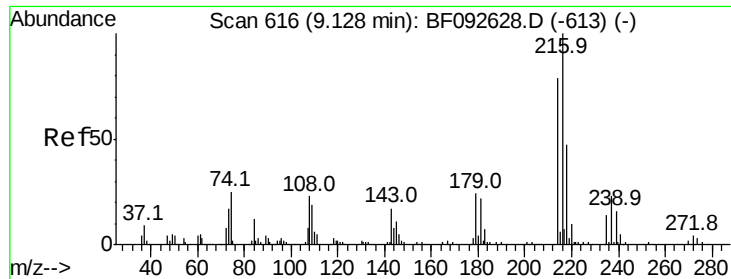
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.2	120.2
160	44.6	36.9	55.3





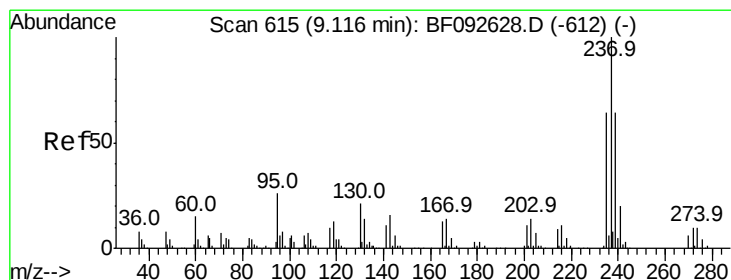
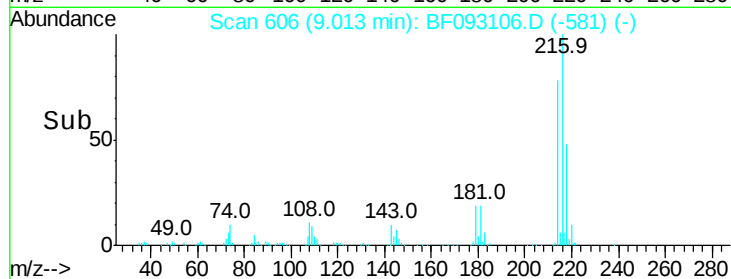
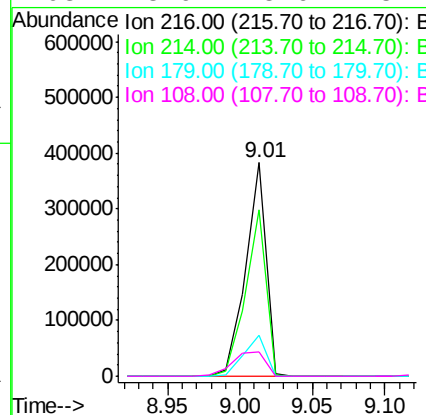
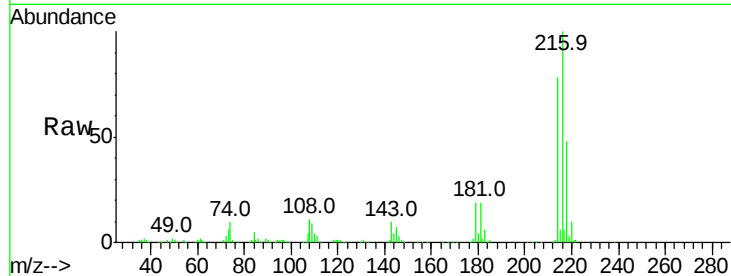
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.46 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	375048		
214	78.5	63.4	95.0	
179	20.6	17.4	26.2	
108	18.9	15.6	23.4	

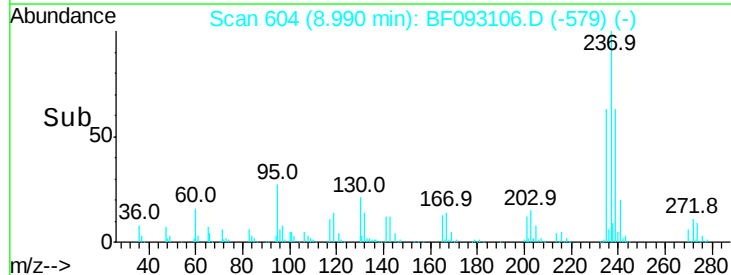
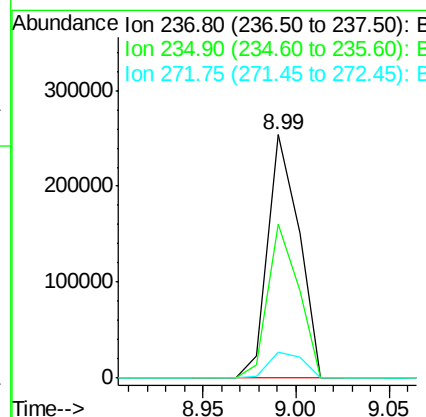
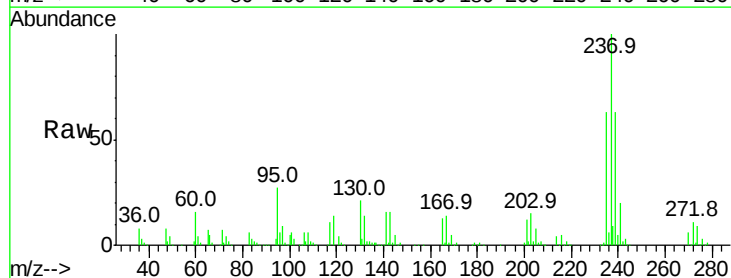
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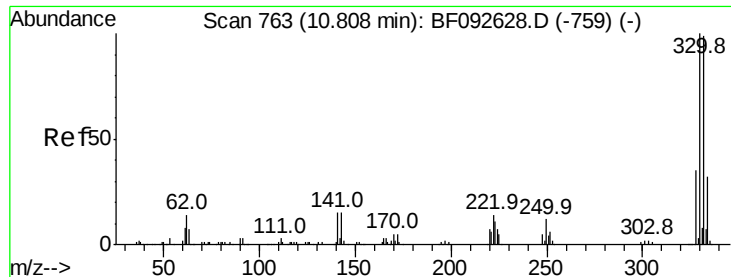
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#40
 Hexachlorocyclopentadiene
 Concen: 80.70 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	293937		
235	63.2	41.2	81.2	
272	10.8	0.0	35.4	





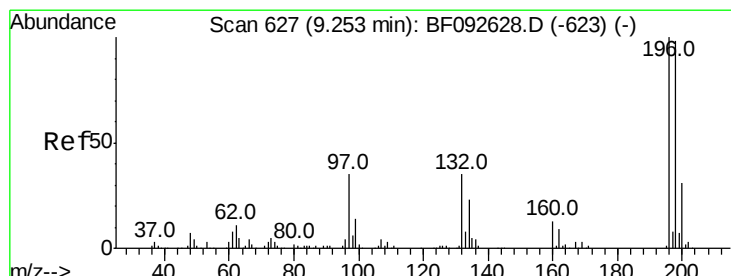
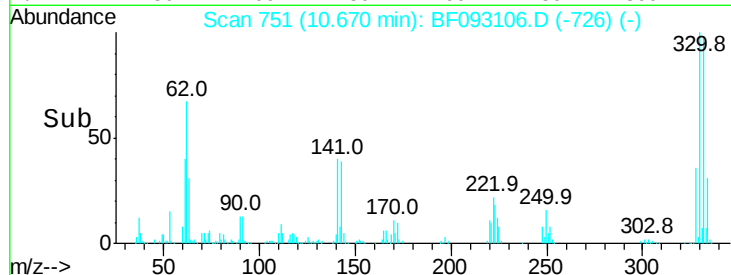
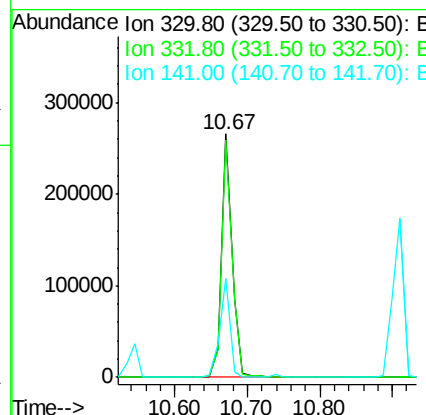
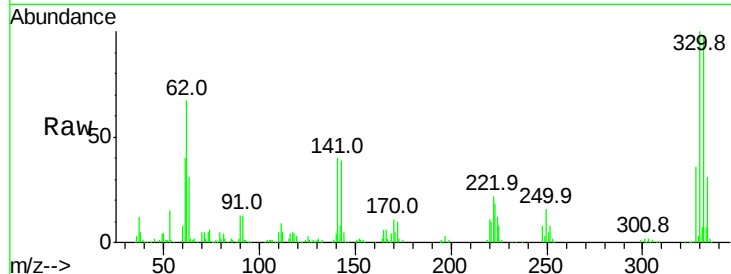
#41
 2,4,6-Tribromophenol
 Concen: 130.03 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	270471		
332	98.0		77.4	116.2
141	38.9		34.1	51.1

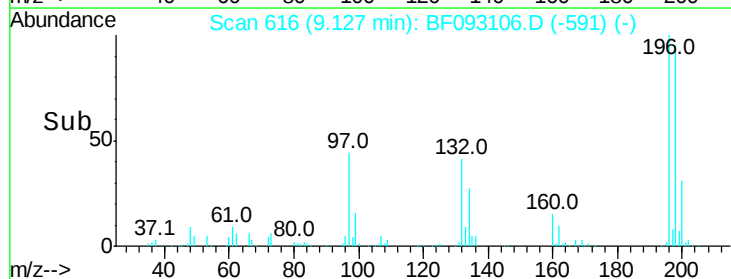
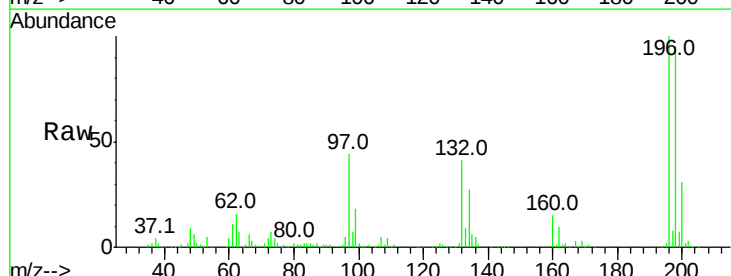
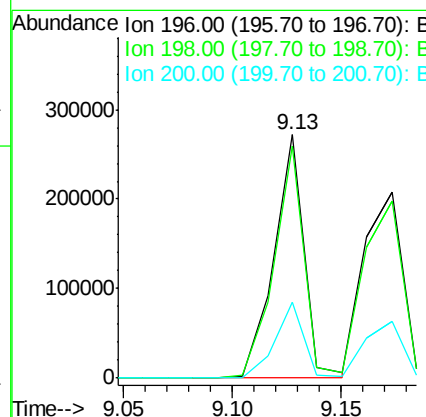
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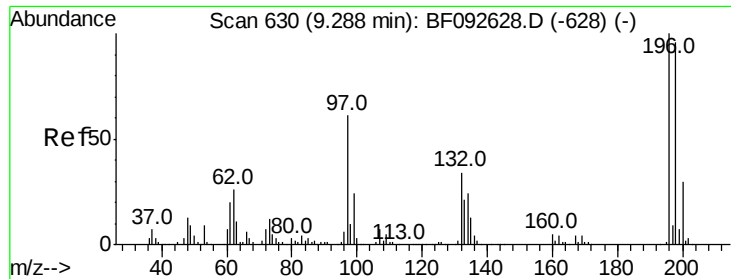
mohammad
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#42
 2,4,6-Trichlorophenol
 Concen: 49.76 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	263944		
198	95.1		82.1	123.1
200	31.0		27.0	40.4





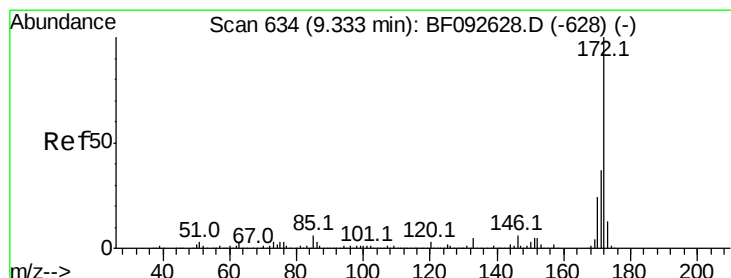
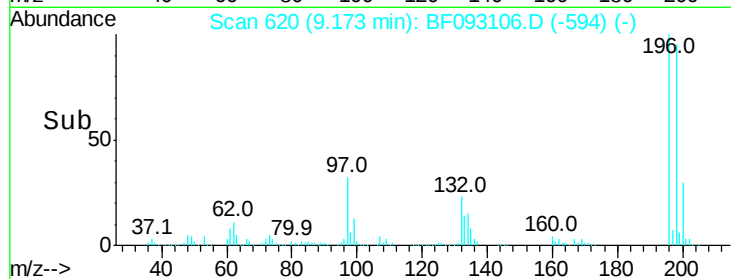
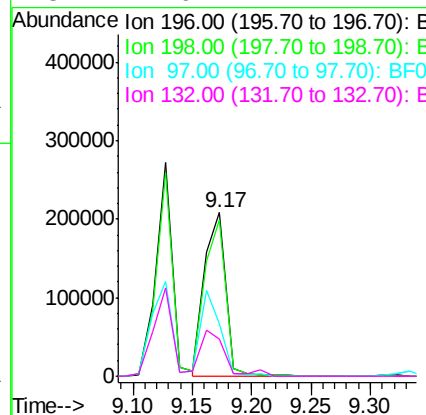
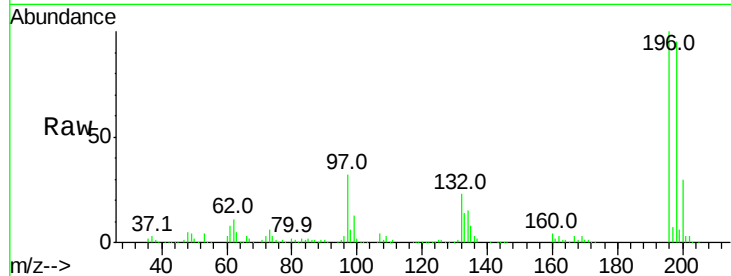
#43
 2,4,5-Trichlorophenol
 Concen: 45.08 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	262030		
198	95.3		79.4	119.2
97	32.2		51.5	77.3#
132	22.9		27.4	41.2#

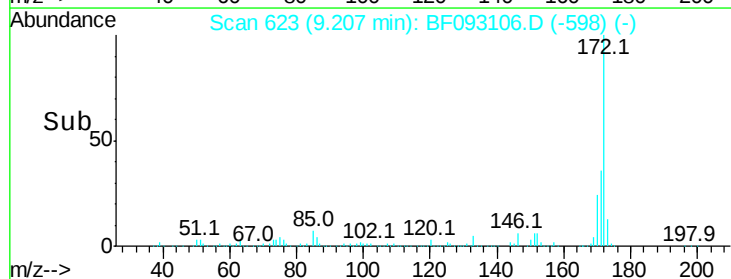
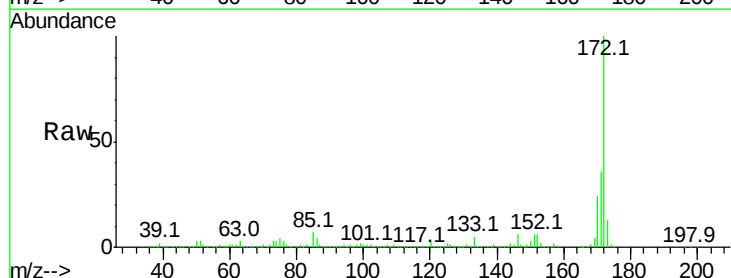
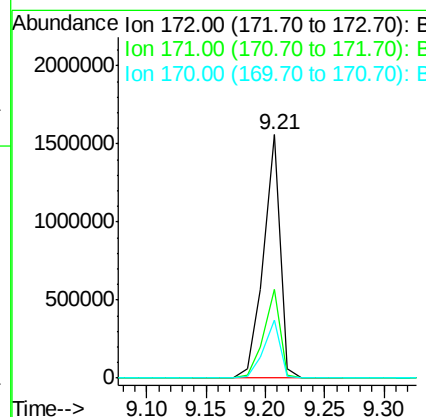
Manual Integrations
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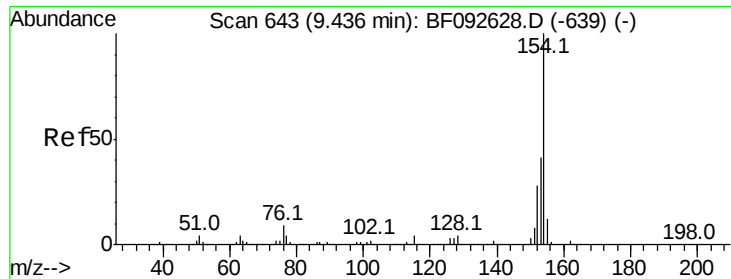
mohammad
 2/24/2017 2:11:02 PM



#44
 2-Fluorobiphenyl
 Concen: 97.14 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1542033		
171	36.3		29.4	44.0
170	23.9		20.2	30.4





#45

1,1'-Biphenyl

Concen: 48.12 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

ClientSampleId :

PB97127BS

Tot Ion:154 Resp: 1002188

Ion Ratio Lower Upper

154 100

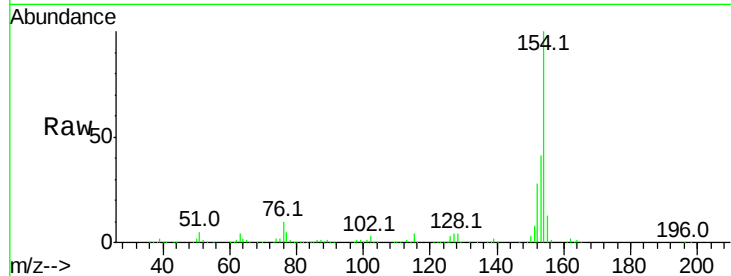
153 41.0 20.9 60.9

76 10.2 0.0 30.5

Manual Integrations
APPROVED

mohammad

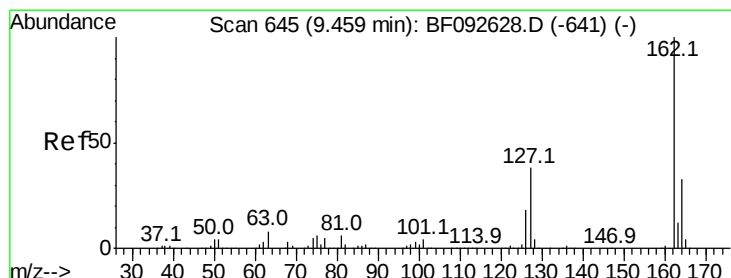
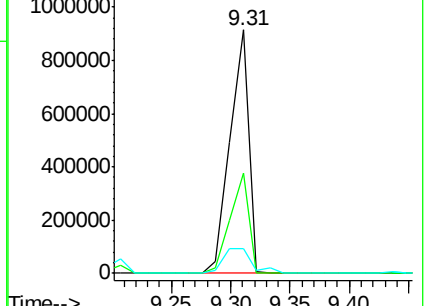
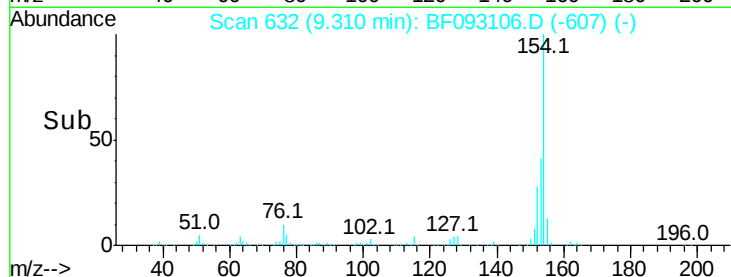
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 49.91 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

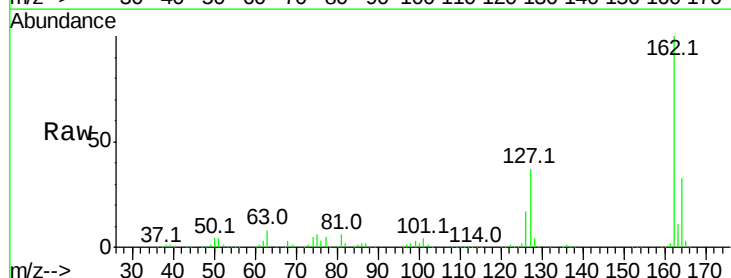
Tgt Ion:162 Resp: 813085

Ion Ratio Lower Upper

162 100

127 37.4 30.7 46.1

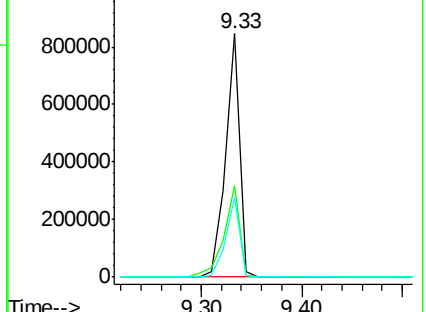
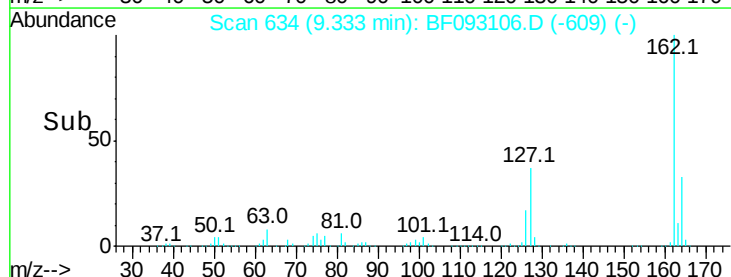
164 32.9 27.6 41.4

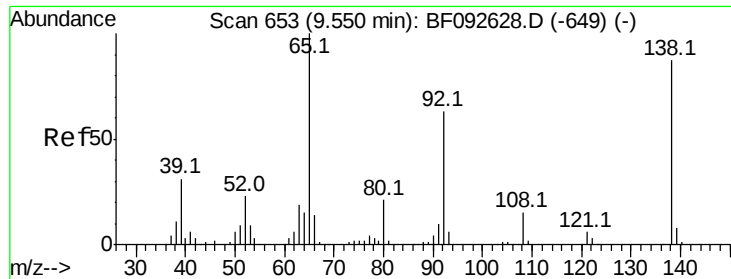


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





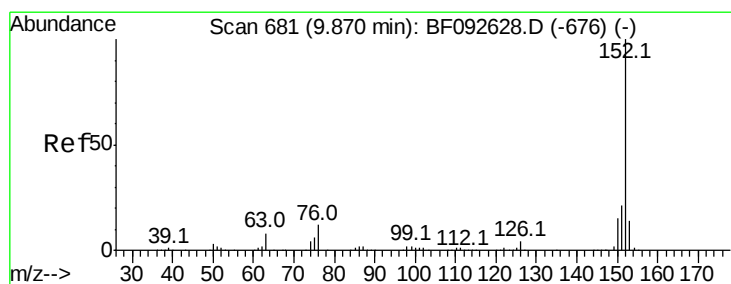
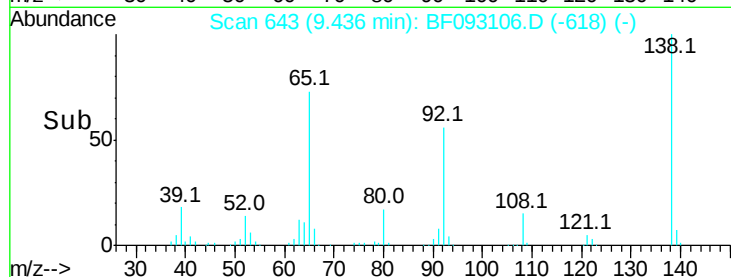
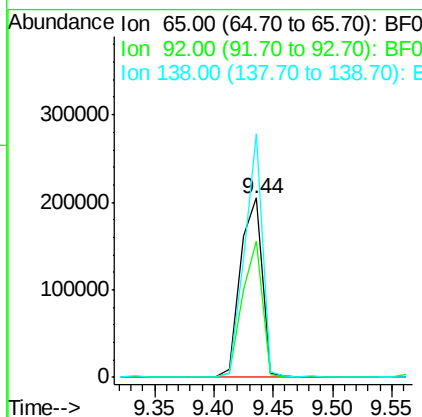
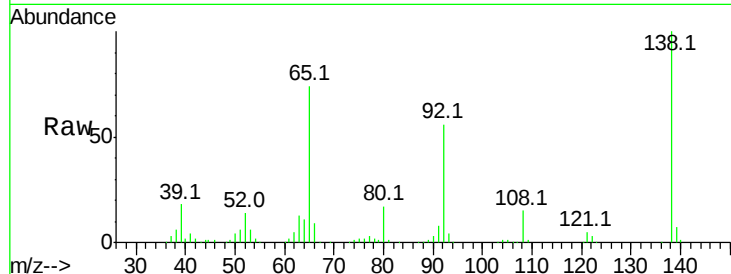
#47
 2-Nitroaniline
 Concen: 47.97 ng
 RT: 9.44 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	76.2	53.9	80.9
138	135.9	76.8	115.2#

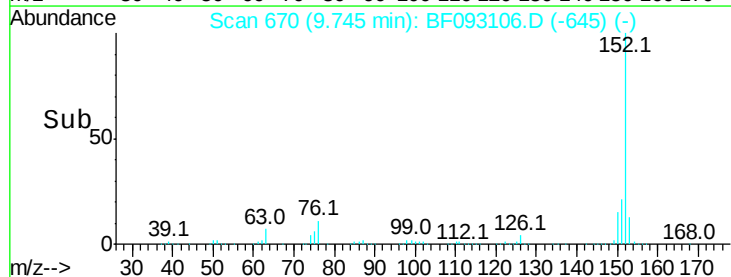
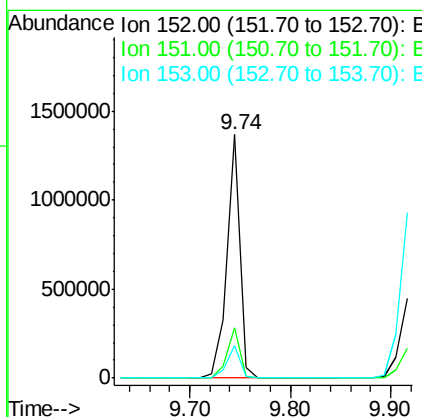
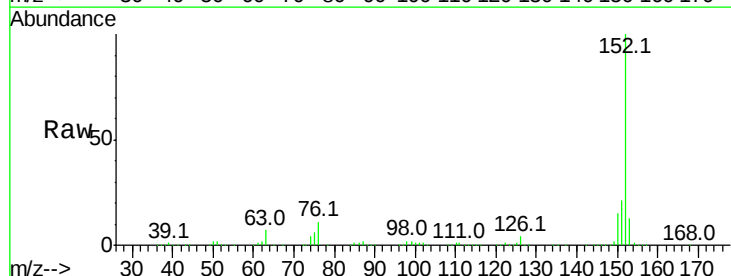
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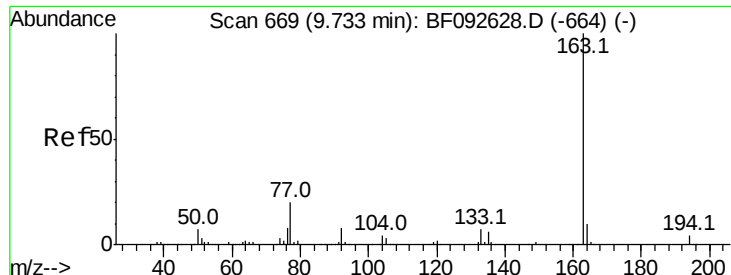
mohammad
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#48
 Acenaphthylene
 Concen: 43.32 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

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





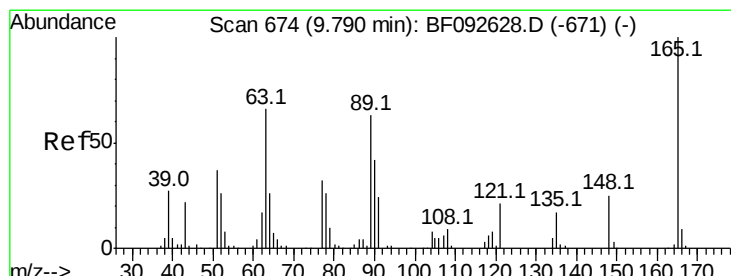
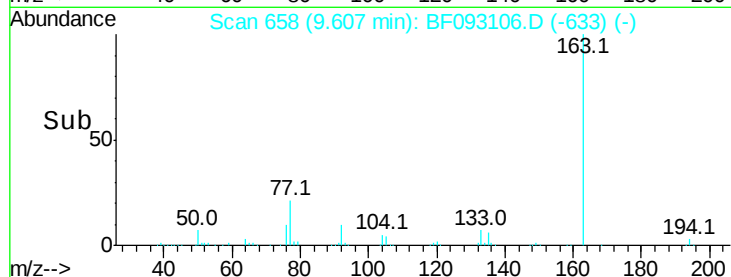
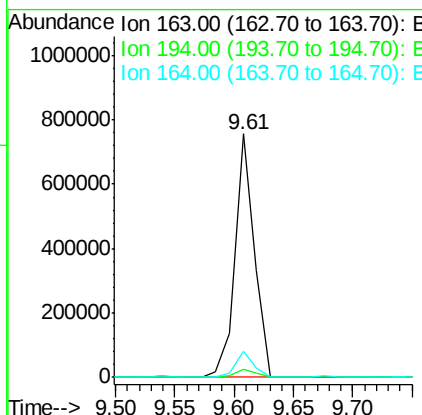
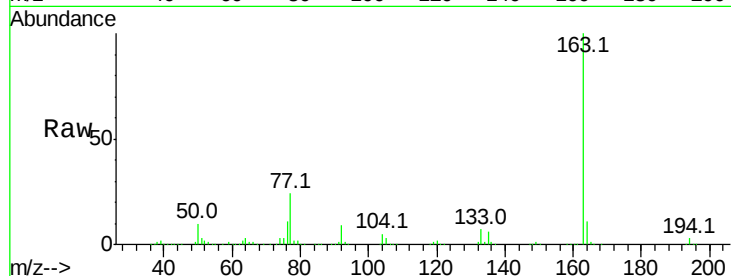
#49
Dimethylphthalate
Concen: 43.97 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampled :
PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	851734		
194	3.3		3.0	4.4
164	10.5		8.0	12.0

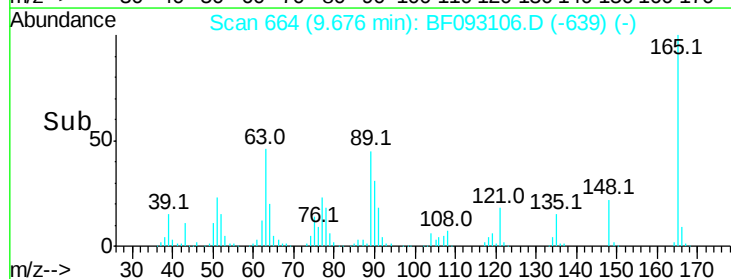
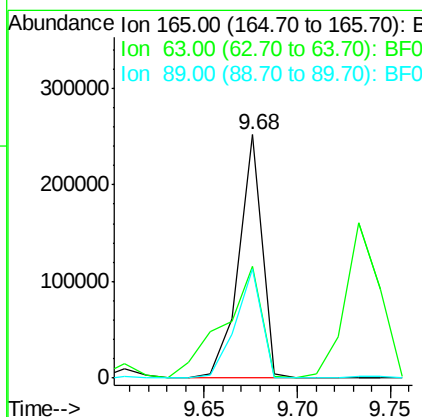
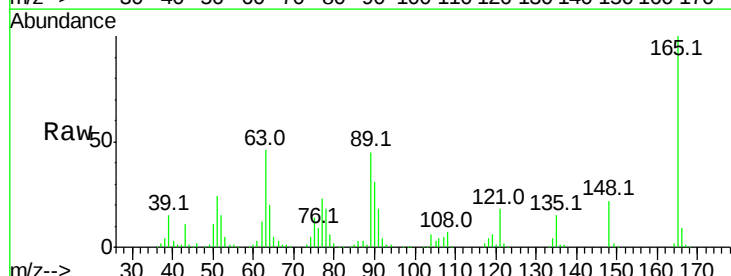
Manual Integrations
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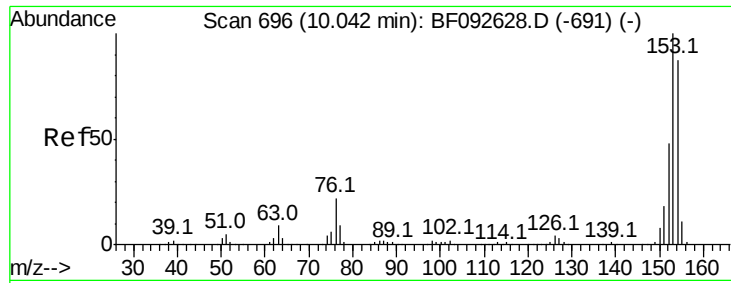
mohammad
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#50
2,6-Dinitrotoluene
Concen: 52.70 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	220471		
63	45.8		36.2	54.4
89	44.7		40.2	60.4





#51

Acenaphthene

Concen: 43.27 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

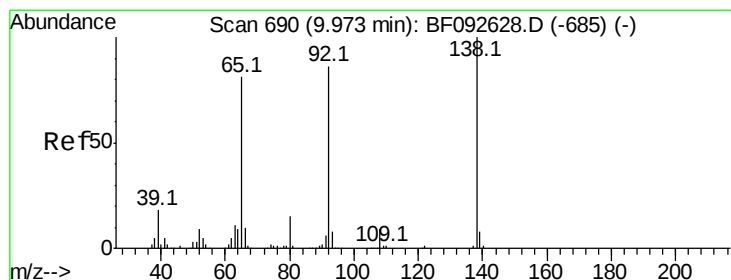
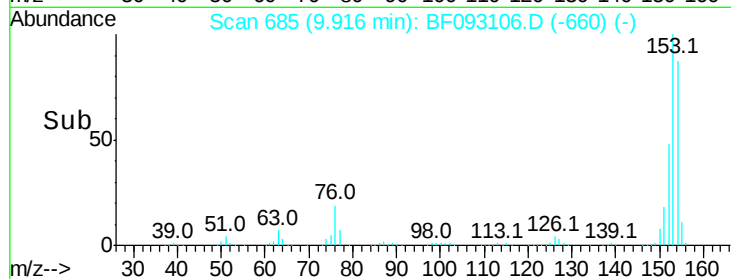
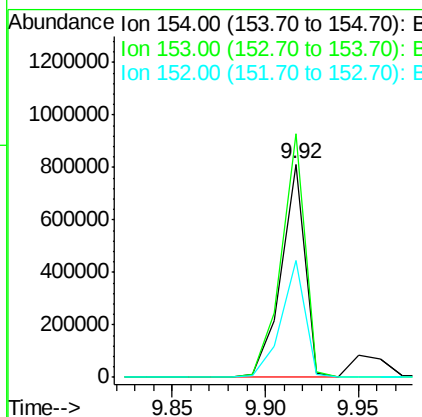
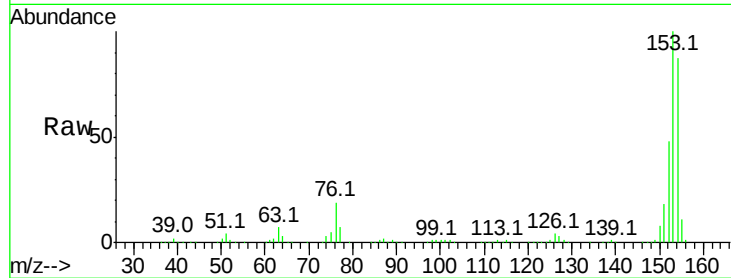
ClientSampleId :

PB97127BS

Tot Ion:	154	Resp:	728048
Ion Ratio	Lower	Upper	
154	100		
153	114.4	88.6	133.0
152	54.9	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 29.94 ng

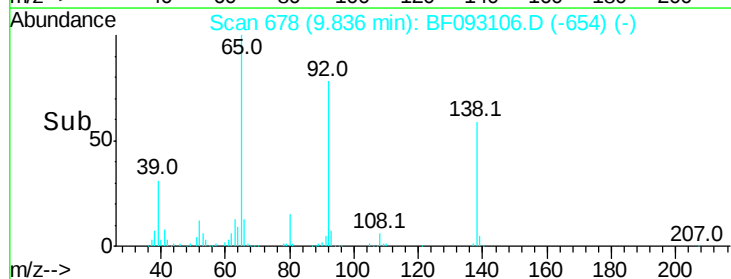
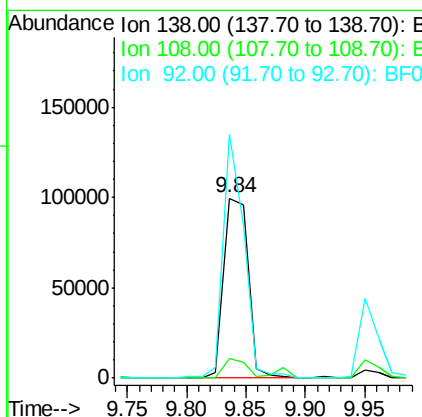
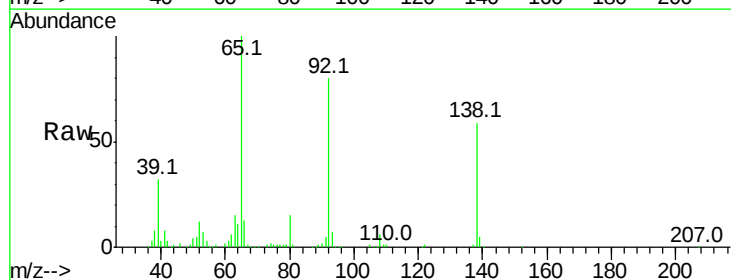
RT: 9.84 min Scan# 678

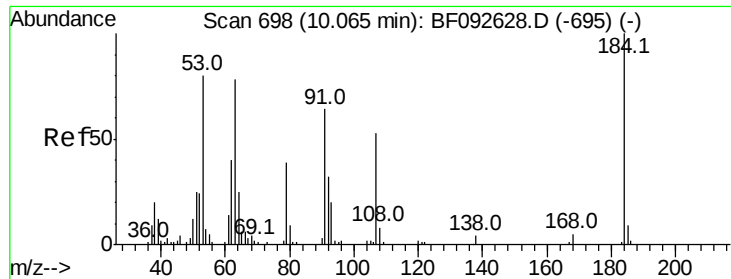
Delta R.T. -0.02 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Tgt Ion:	138	Resp:	143355
Ion Ratio	Lower	Upper	
138	100		
108	10.9	8.5	12.7
92	135.1	97.8	146.8





#53

2,4-Dinitrophenol

Concen: 93.53 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

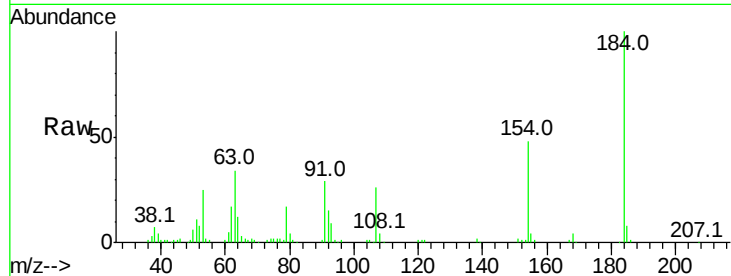
ClientSampled :

PB97127BS

Tot Ion:	184	Resp:	200855
Ion Ratio	Lower	Upper	
184	100		
63	34.5	28.4	42.6
154	48.4	44.3	66.5

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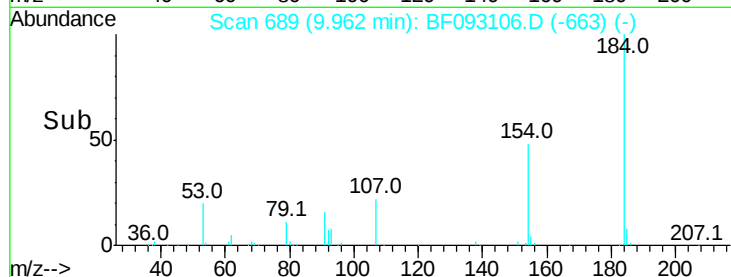
mohammad
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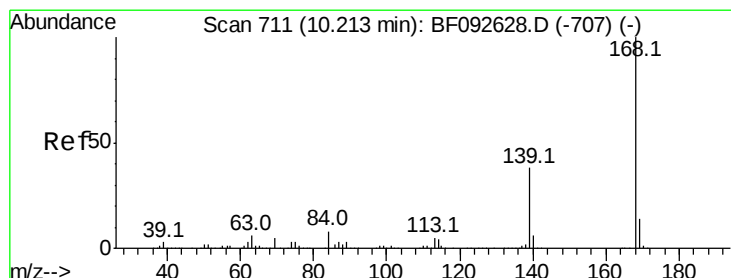
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



Time-->



#54

Dibenzofuran

Concen: 46.94 ng

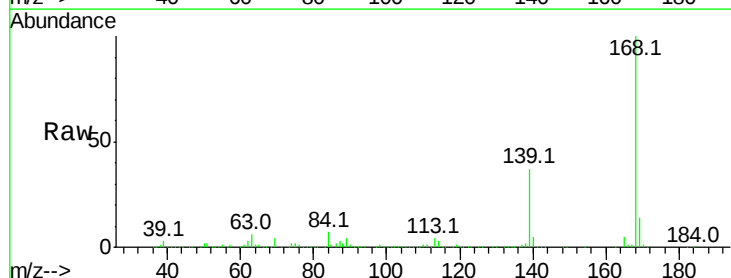
RT: 10.09 min Scan# 700

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

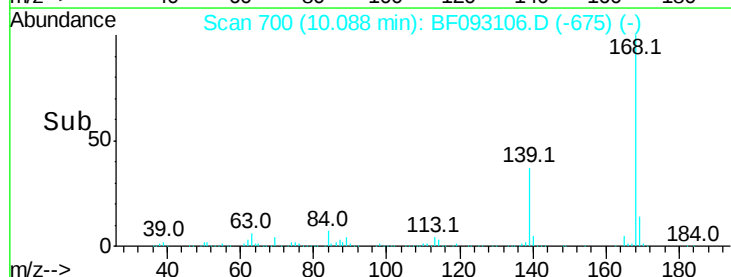
Tgt Ion:	168	Resp:	1056437
Ion Ratio	Lower	Upper	
168	100		
139	37.0	32.6	49.0
169	13.5	11.3	16.9



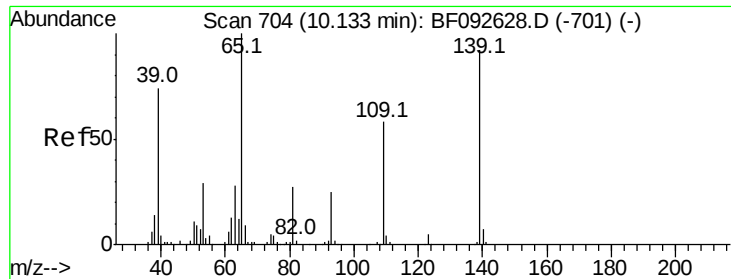
Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->



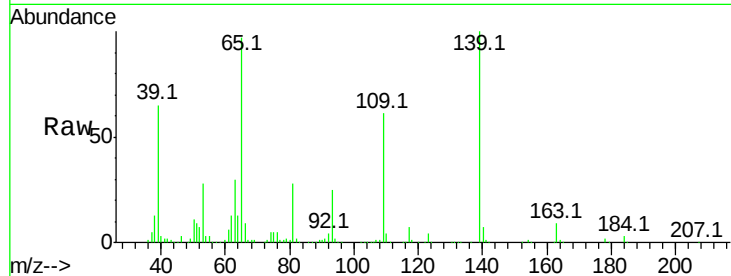
#55
4-Nitrophenol
Concen: 91.23 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	61.4	52.2	92.2
65	96.6	85.8	125.8

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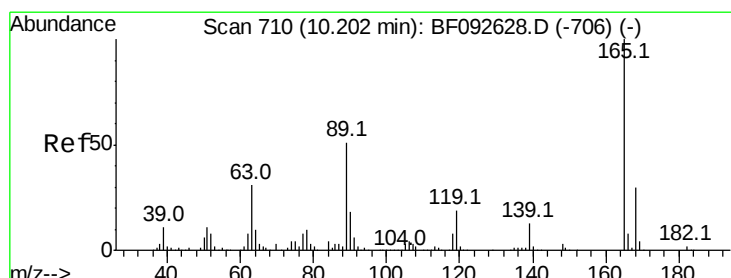
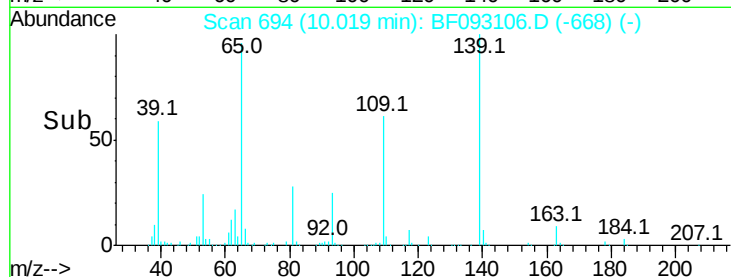
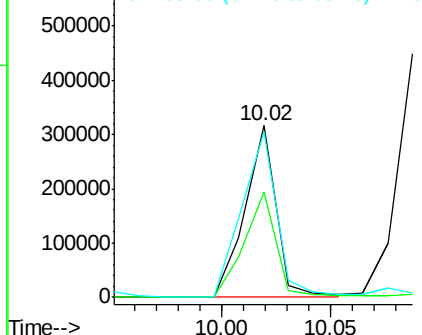


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BFO



#56
2,4-Dinitrotoluene
Concen: 41.80 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.7	40.2	60.4
89	81.7	62.5	93.7
182	2.2	1.8	2.8

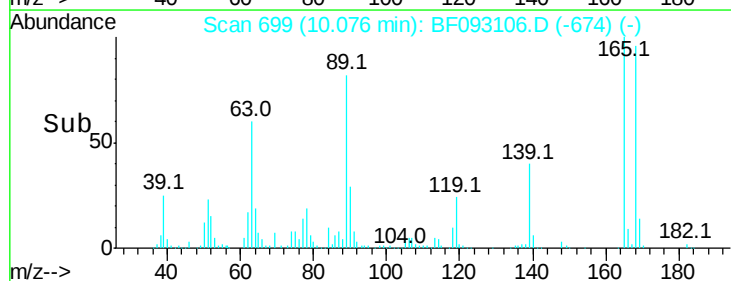
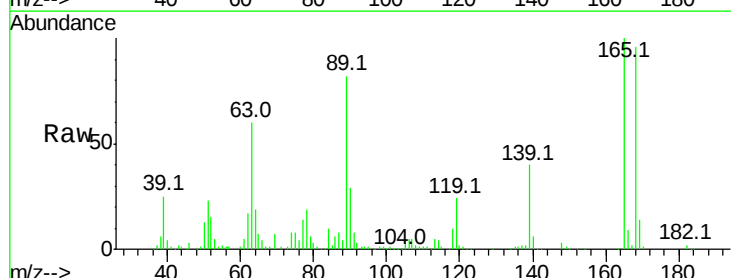
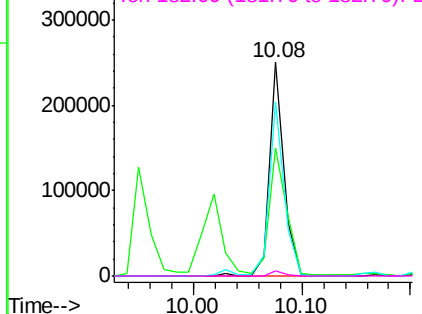
Abundance

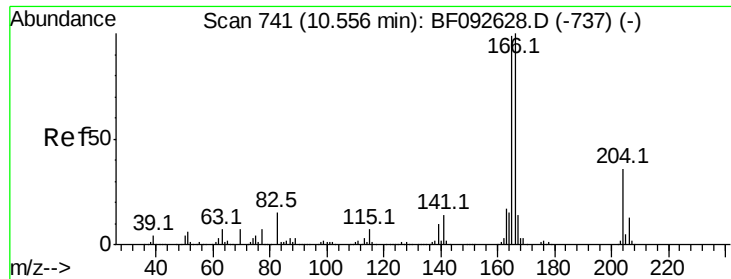
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BFO

Ion 89.00 (88.70 to 89.70): BFO

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.96 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

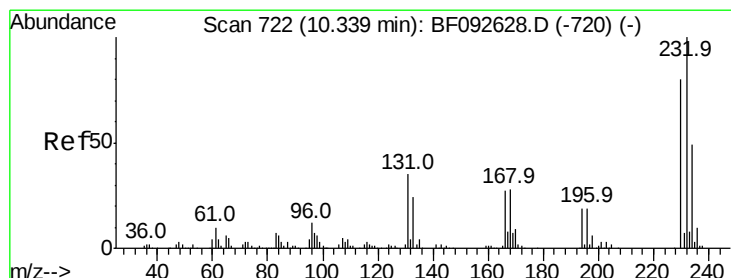
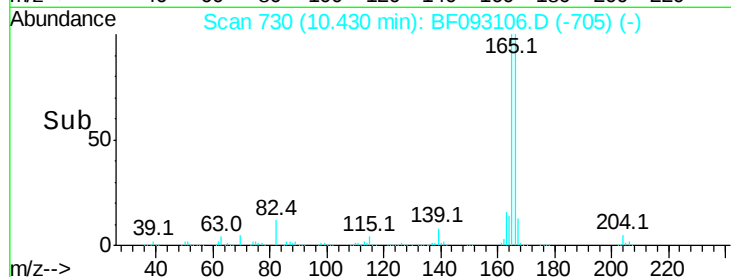
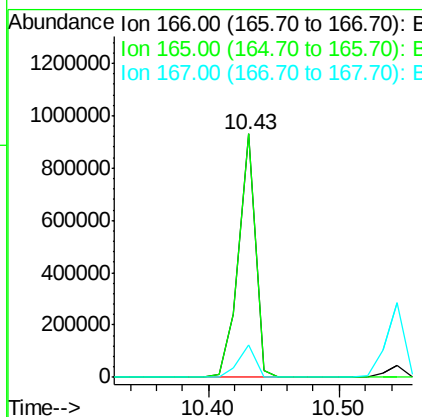
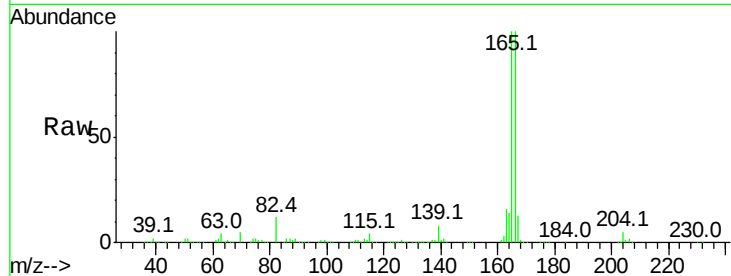
ClientSampleId :

PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	830390		
165	100.0	77.8	116.8	
167	13.2	10.8	16.2	

Manual Integrations
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2/24/2017 2:11:02 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.24 ng

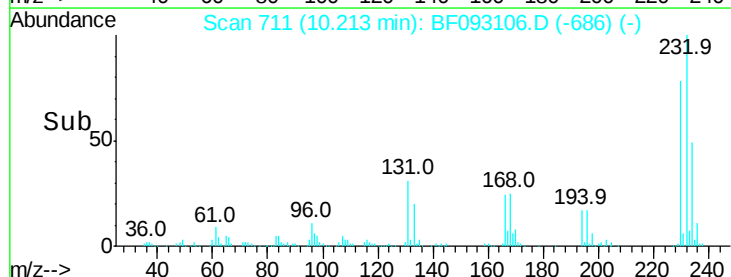
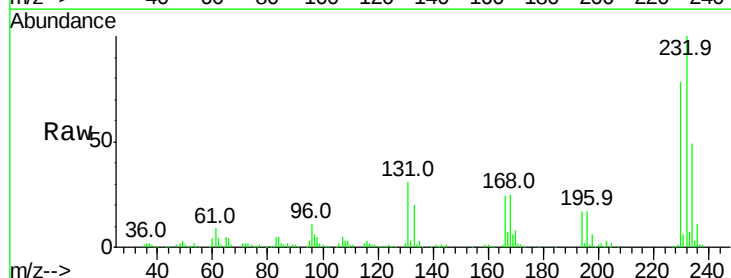
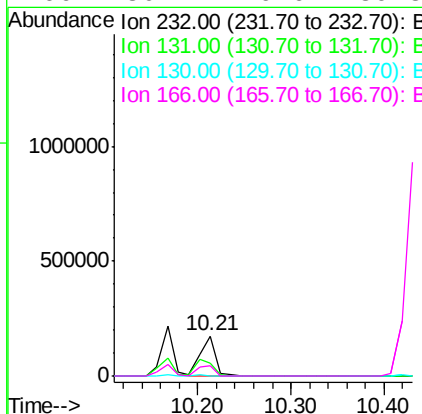
RT: 10.21 min Scan# 711

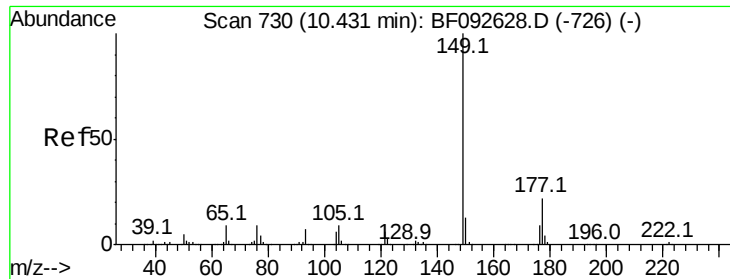
Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	198676		
131	46.5	40.1	60.1	
130	2.1	1.8	2.8	
166	30.1	26.6	39.8	





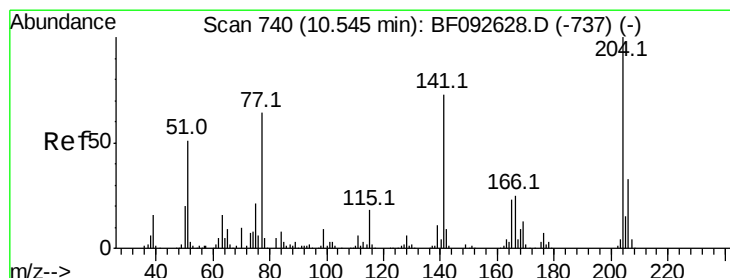
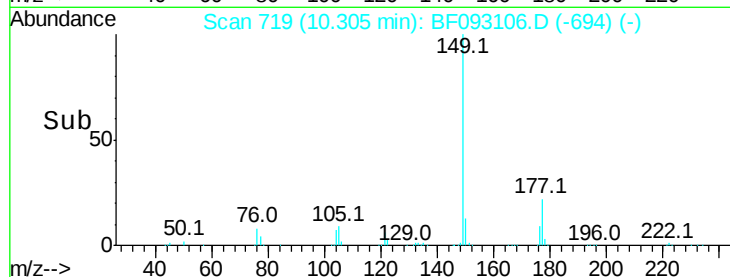
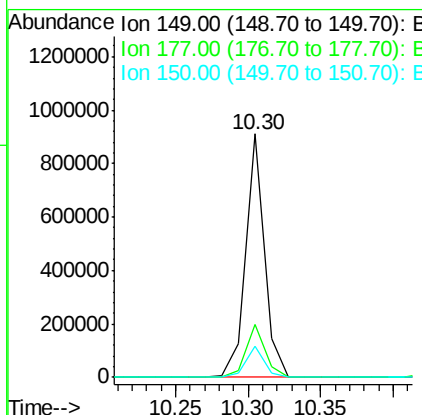
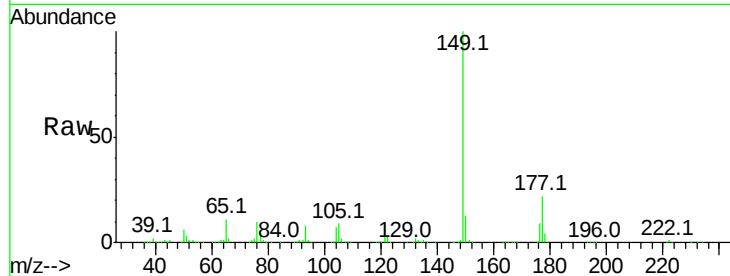
#59
Diethylphthalate
Concen: 44.78 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	817416		
177	21.7	16.6	25.0	
150	12.6	10.4	15.6	

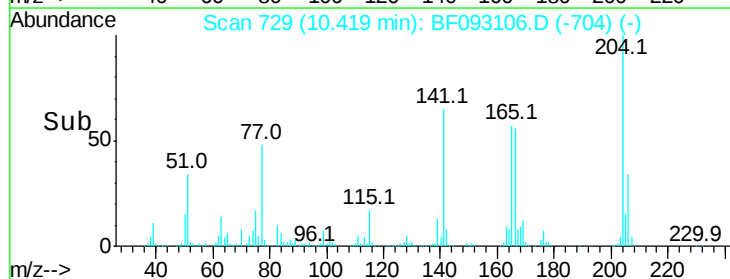
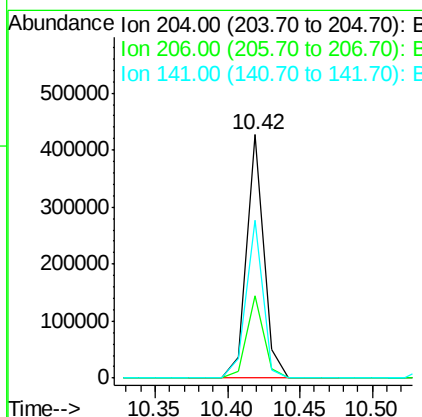
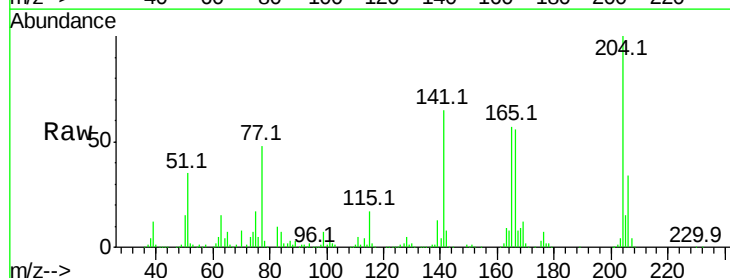
Manual Integrations
APPROVED

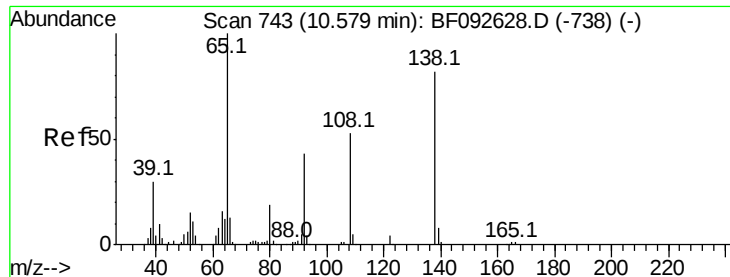
mohammad
2/24/2017 2:11:02 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.44 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	352981		
206	33.6	25.8	38.6	
141	64.6	59.4	89.0	





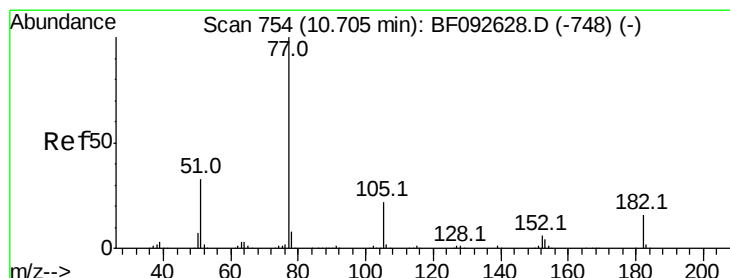
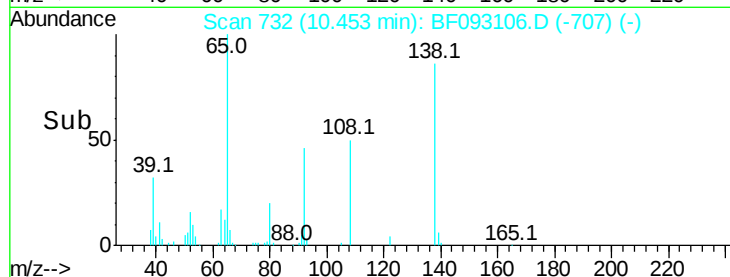
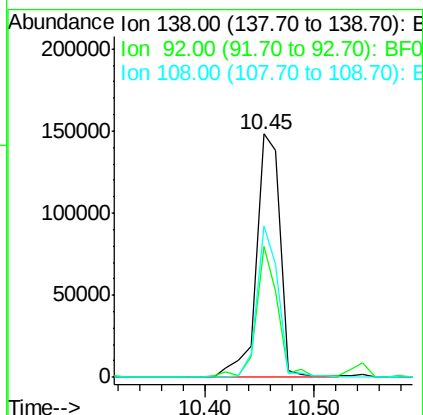
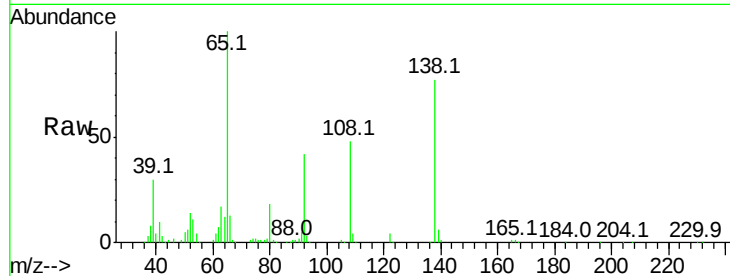
#61
4-Nitroaniline
Concen: 46.13 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.7	31.7	71.7
108	62.3	52.6	92.6

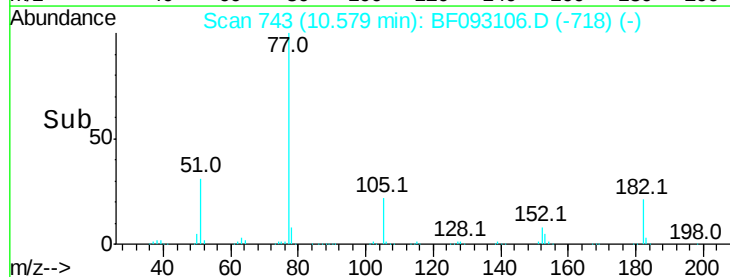
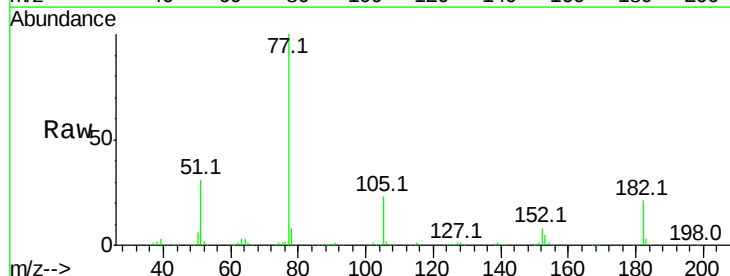
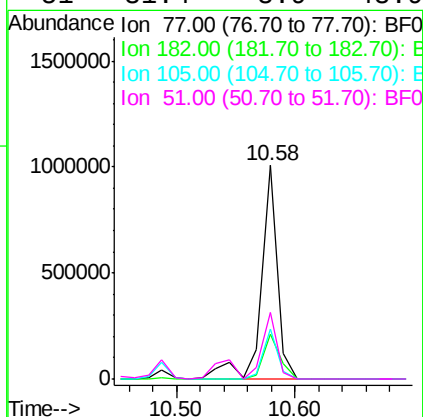
Manual Integrations
APPROVED

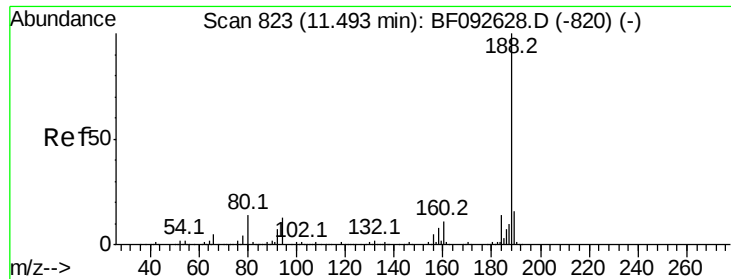
mohammad
2/24/2017 2:11:02 PM



#62
Azobenzene
Concen: 50.94 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.0	0.0	39.3
105	23.4	2.3	42.3
51	31.4	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

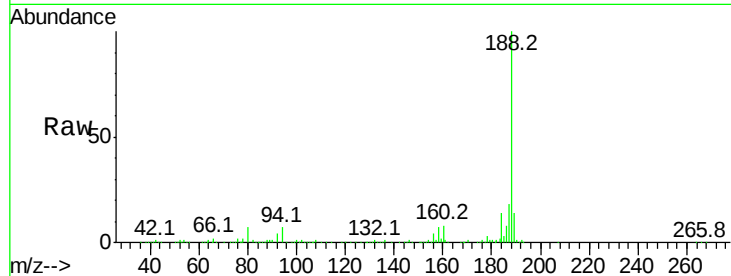
ClientSampleID :

PB97127BS

Tot Ion:188	Resp:	502105
Ion Ratio	Lower	Upper
188 100		
94 7.2	10.0	15.0#
80 7.4	11.2	16.8#

Manual Integrations
APPROVED

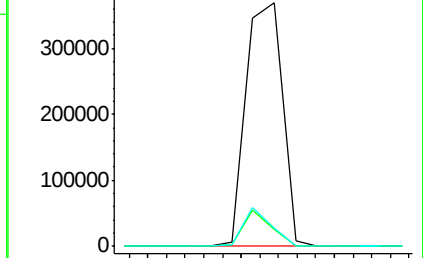
mohammad
2/24/2017 2:11:02 PM



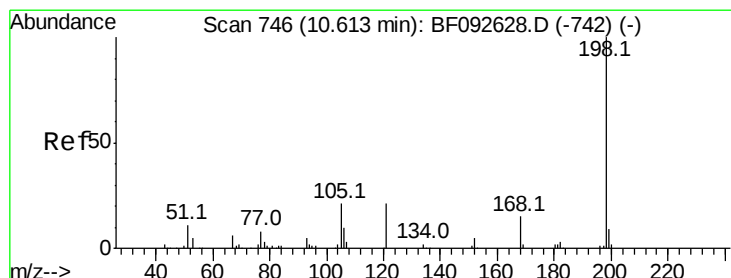
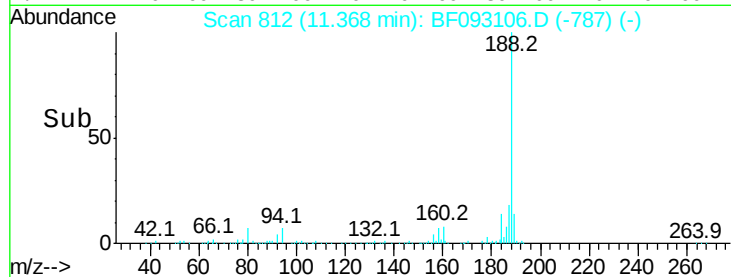
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 48.90 ng

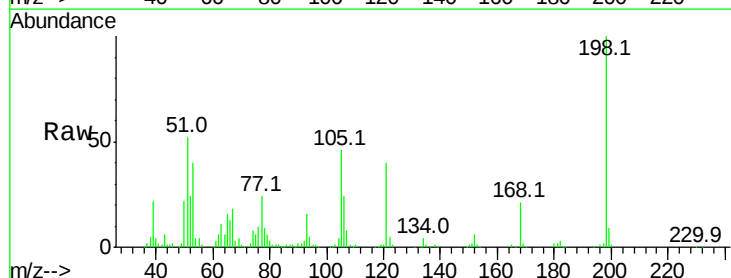
RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

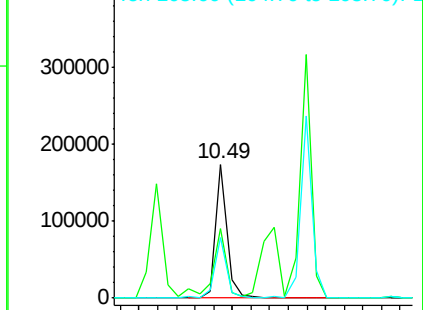
Tgt Ion:198	Resp:	149603
Ion Ratio	Lower	Upper
198 100		
51 52.2	6.7	46.7#
105 45.5	16.6	56.6



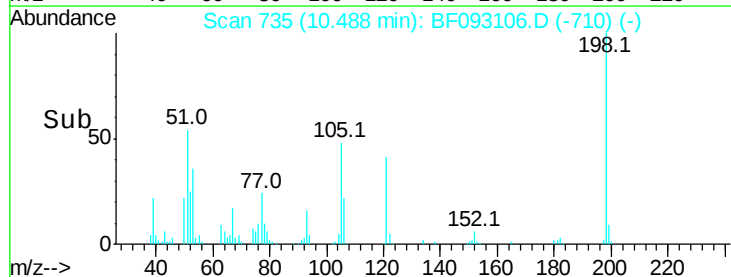
Abundance Ion 198.00 (197.70 to 198.70): E

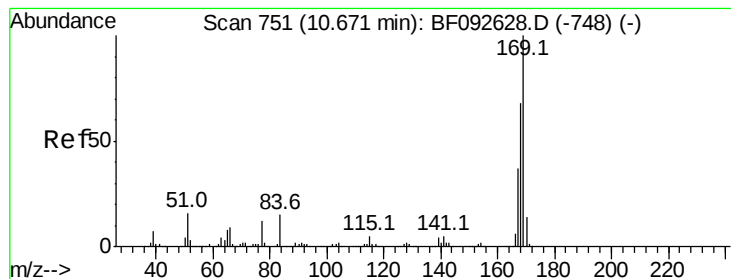
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





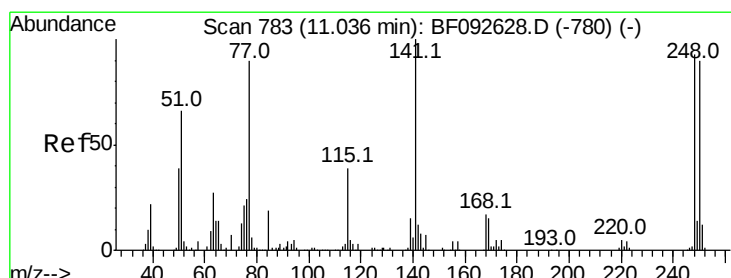
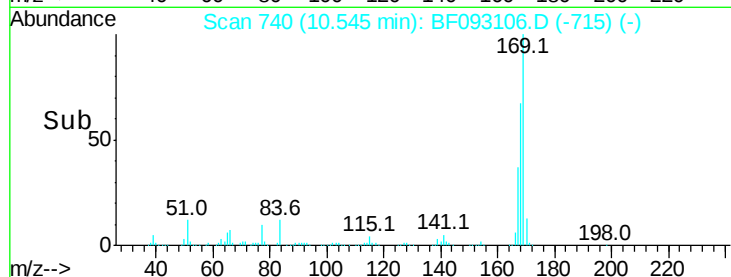
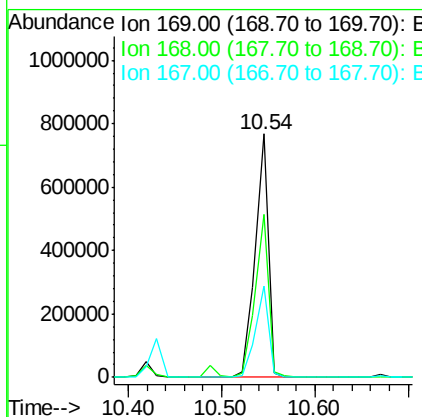
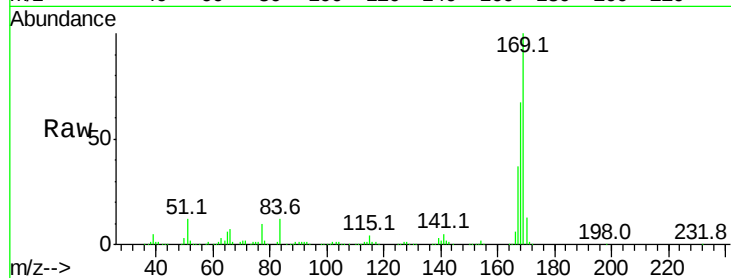
#65
n-Nitrosodiphenylamine
Concen: 46.72 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleID :
PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	749343		
168	67.2		54.2	81.2
167	37.3		30.2	45.4

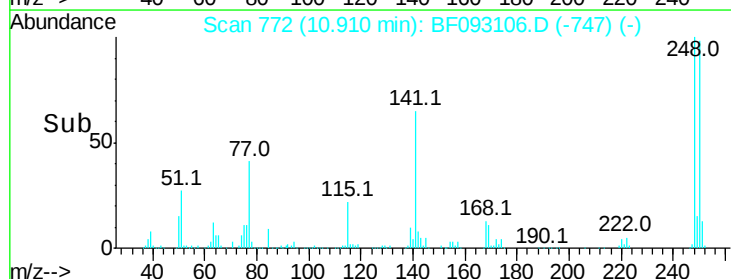
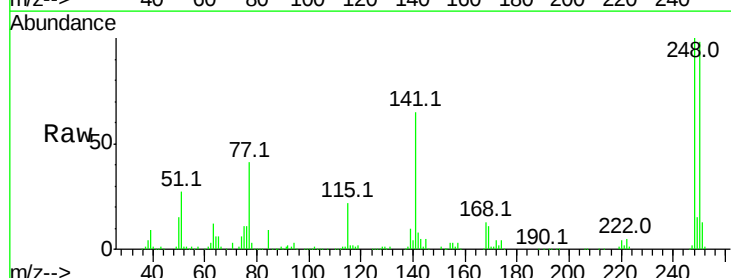
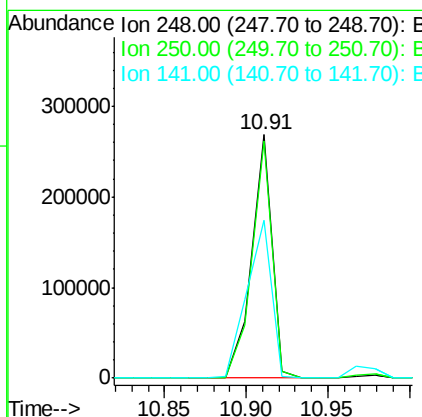
Manual Integrations
APPROVED

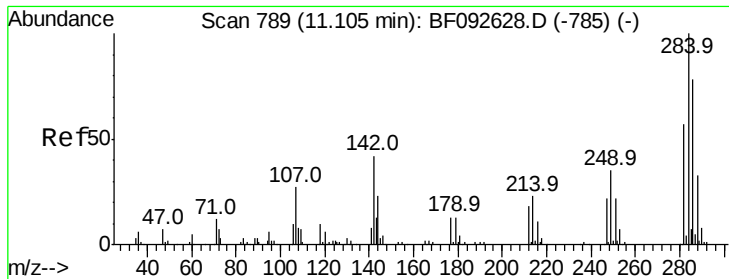
mohammad
2/24/2017 2:11:02 PM



#66
4-Bromophenyl-phenylether
Concen: 44.58 ng
RT: 10.91 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	233876		
250	97.5		76.9	115.3
141	64.7		68.2	102.4#





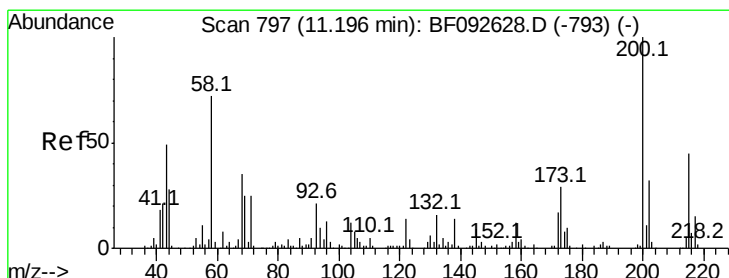
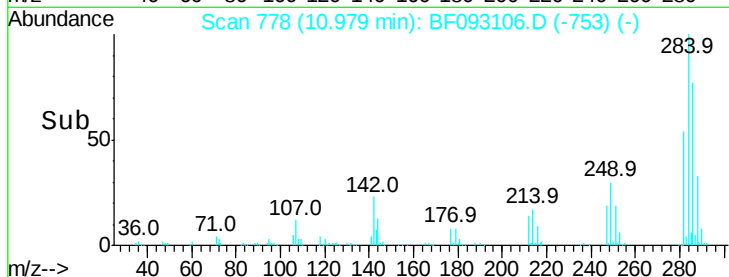
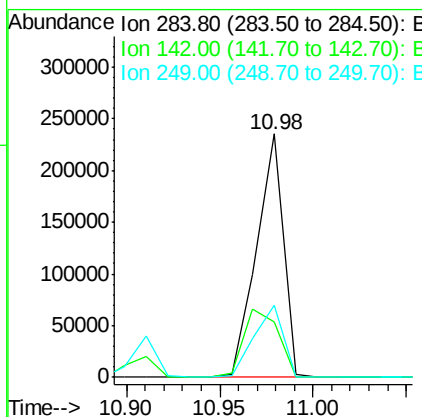
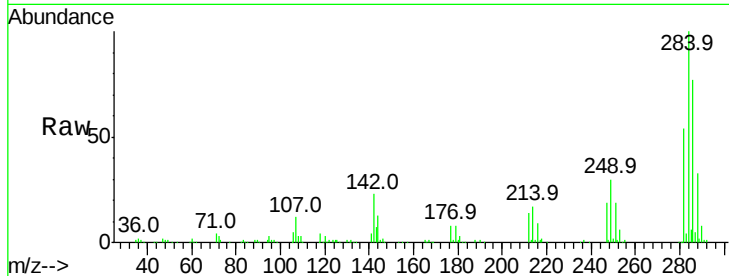
#67
Hexachlorobenzene
Concen: 45.19 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	234258		
142	22.9	22.6	33.8	
249	29.9	25.4	38.0	

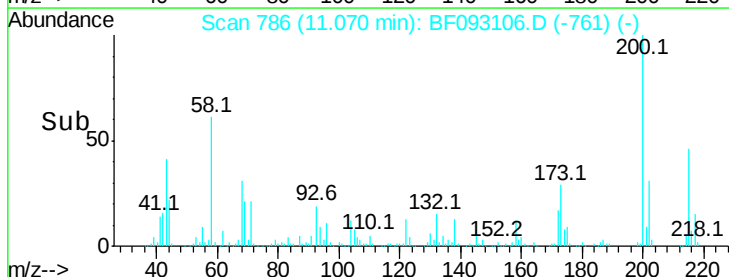
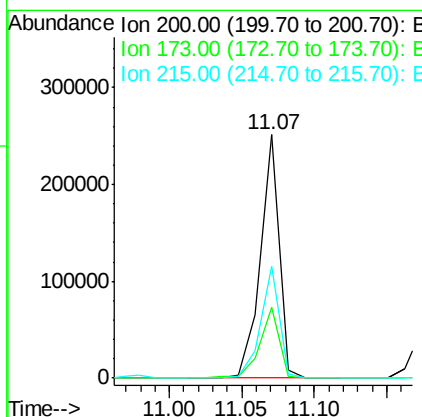
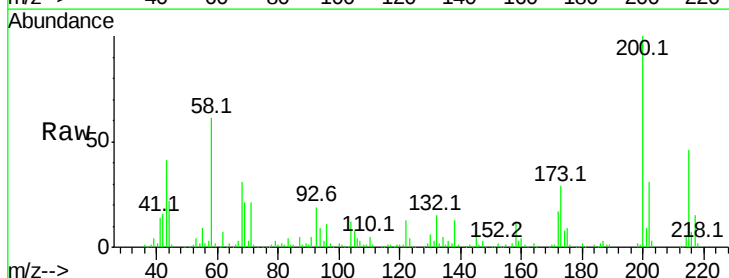
Manual Integrations
APPROVED

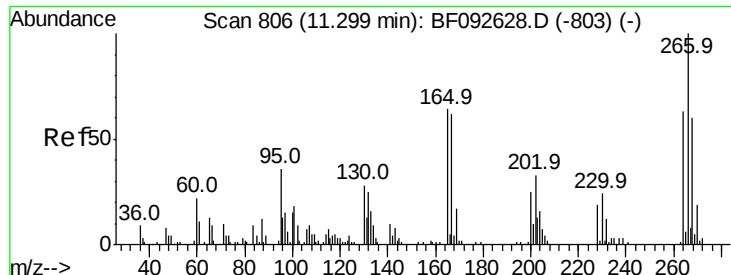
mohammad
2/24/2017 2:11:02 PM



#68
Atrazine
Concen: 43.75 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	225211		
173	29.0	9.6	49.6	
215	46.1	25.7	65.7	





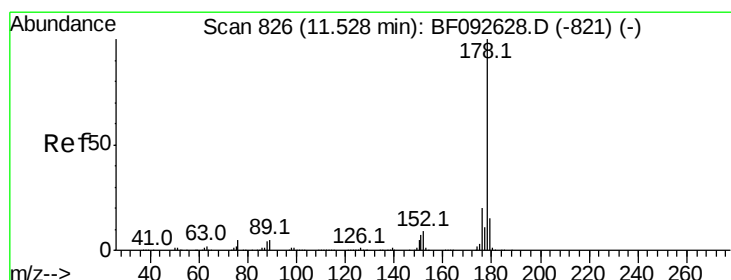
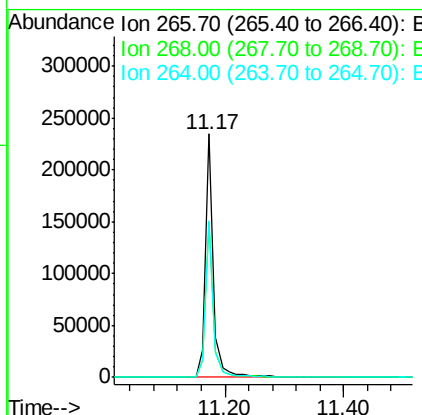
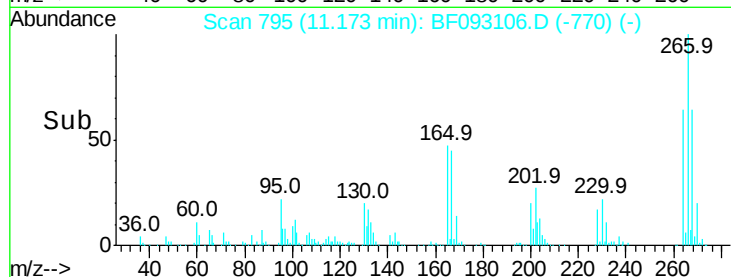
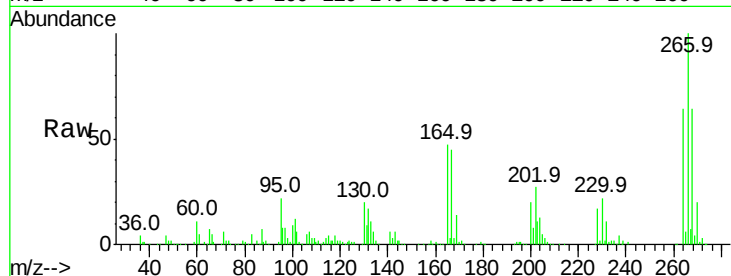
#69
 Pentachlorophenol
 Concen: 84.68 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	227854		
268	64.0		53.3	79.9
264	64.3		50.3	75.5

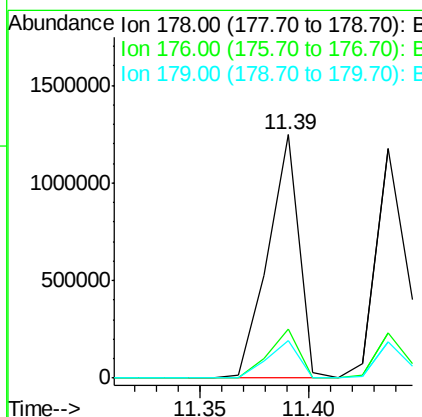
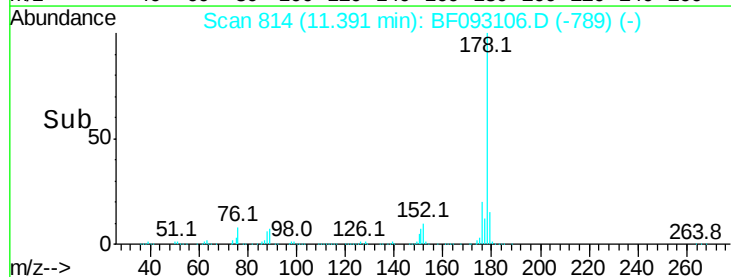
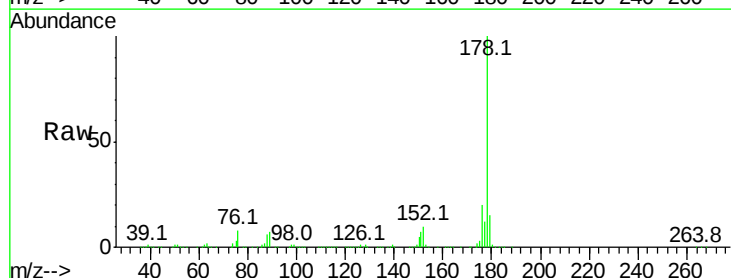
Manual Integrations
 APPROVED

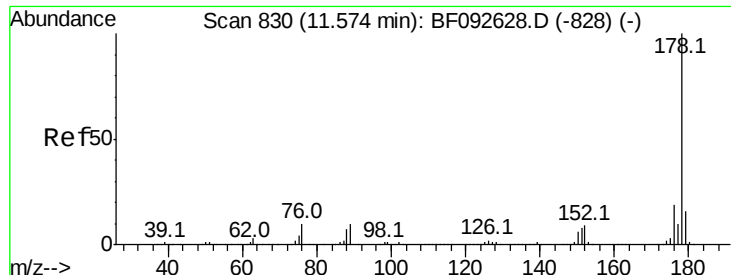
mohammad
 2/24/2017 2:11:02 PM



#70
 Phenanthrene
 Concen: 43.36 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1247390		
176	19.9		16.6	25.0
179	15.4		12.8	19.2





#71
 Anthracene
 Concen: 39.70 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.02 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

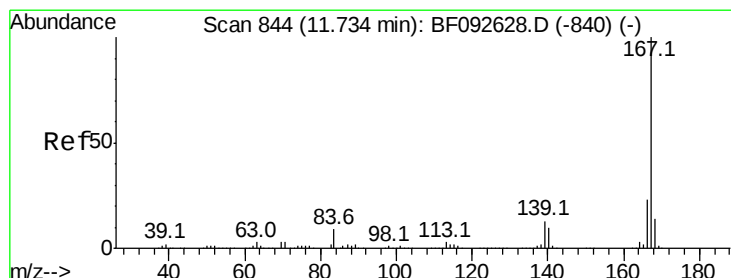
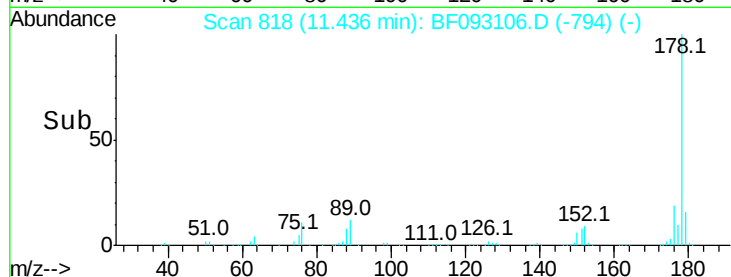
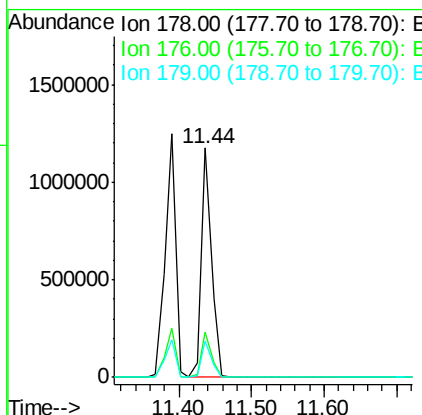
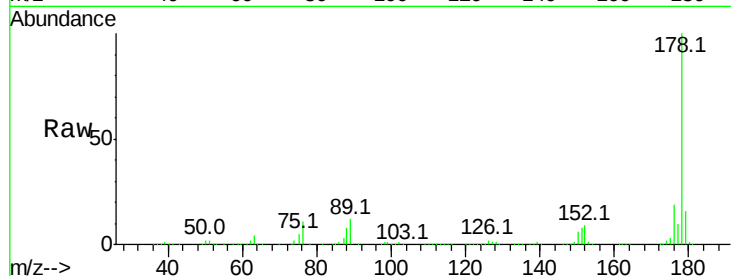
Instrument :
 BNA_F
 ClientSampleId :
 PB97127BS

Tot Ion:178 Resp: 1146968

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.9	13.2	19.8

Manual Integrations
 APPROVED

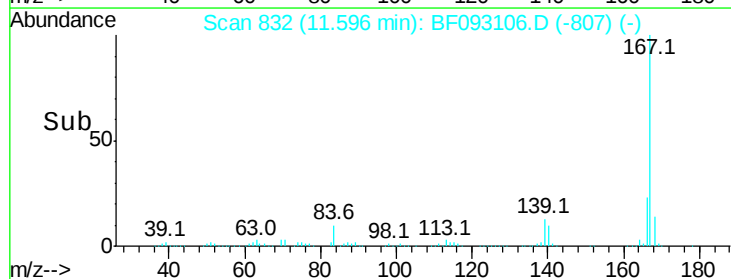
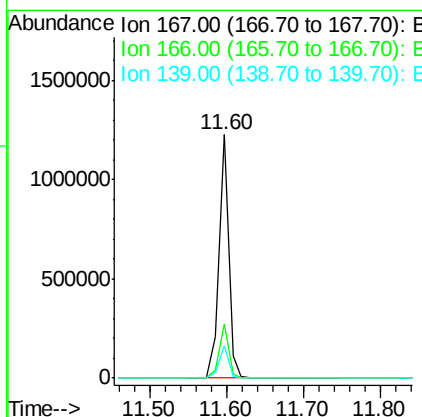
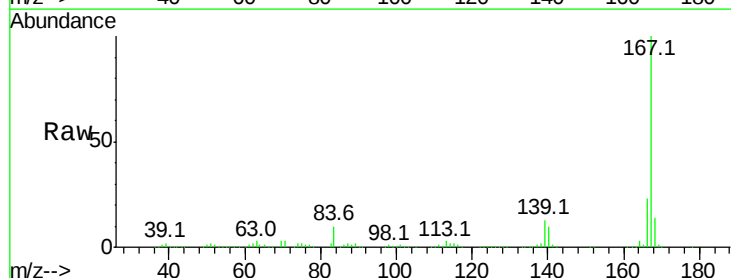
mohammad
 2/24/2017 2:11:02 PM

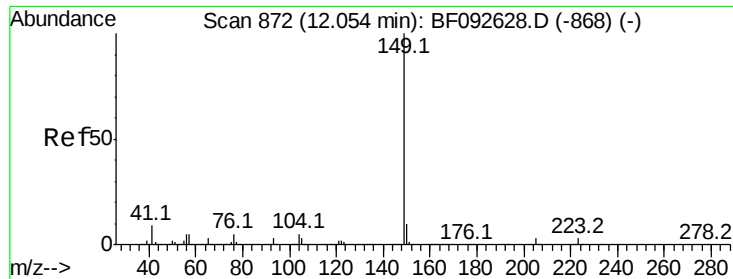


#72
 Carbazole
 Concen: 39.11 ng
 RT: 11.60 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Tgt Ion:167 Resp: 1079902

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.2
139	13.3	11.4	17.2





#73

Di-n-butylphthalate

Concen: 48.35 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

Instrument :

BNA_F

ClientSampleId :

PB97127BS

Tot Ion:149 Resp: 1444076

Ion Ratio Lower Upper

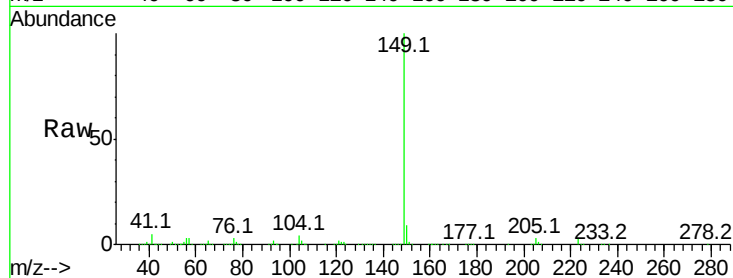
149 100

150 9.1 8.1 12.1

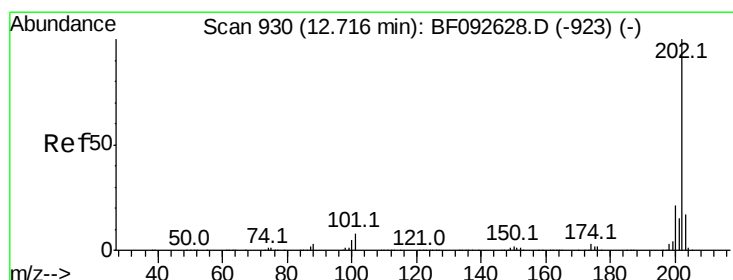
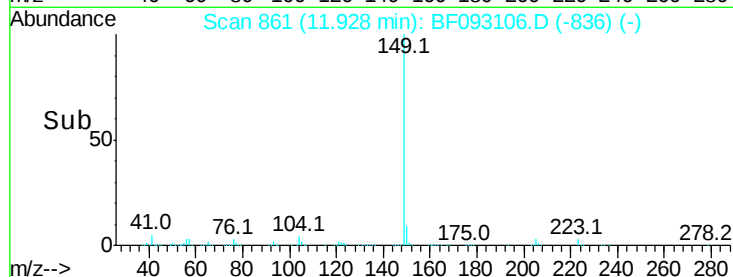
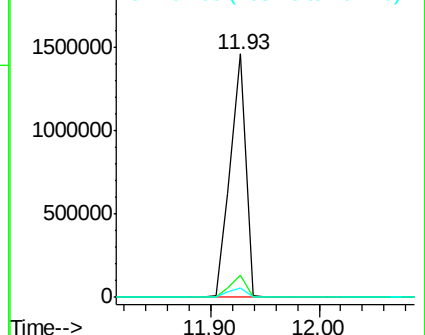
104 3.7 4.6 7.0#

Manual Integrations
APPROVED

mohammad
2/24/2017 2:11:02 PM



Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.08 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF093106.D

Acq: 23 Feb 2017 16:06

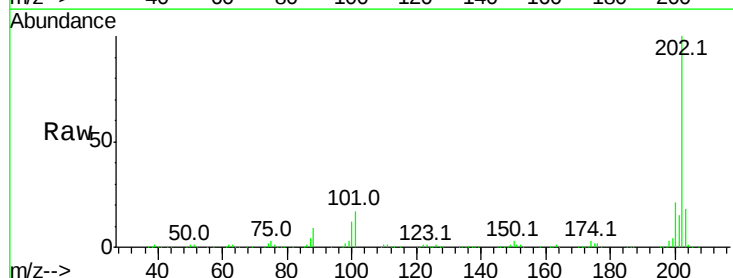
Tgt Ion:202 Resp: 1219035

Ion Ratio Lower Upper

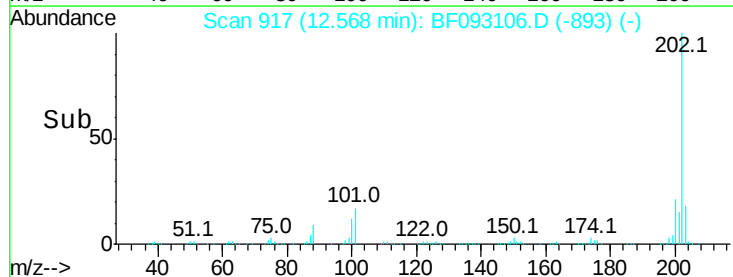
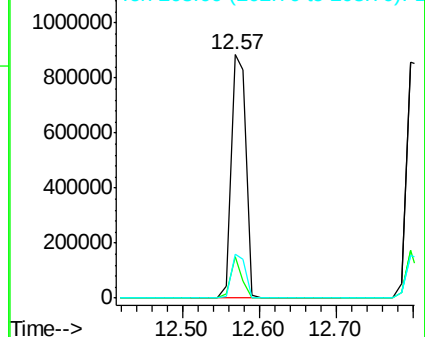
202 100

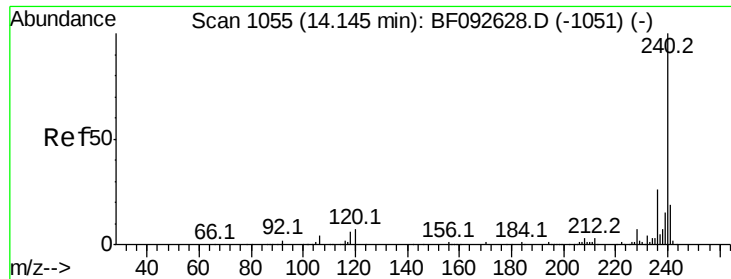
101 16.8 0.0 34.6

203 17.9 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
1200000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





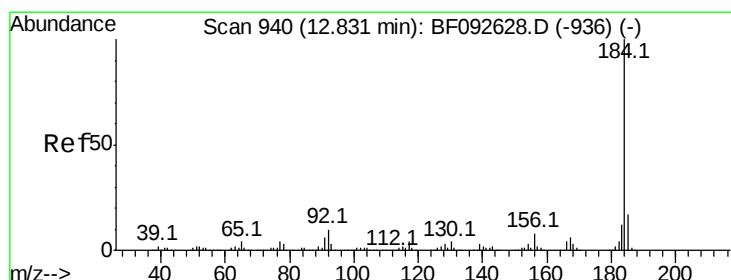
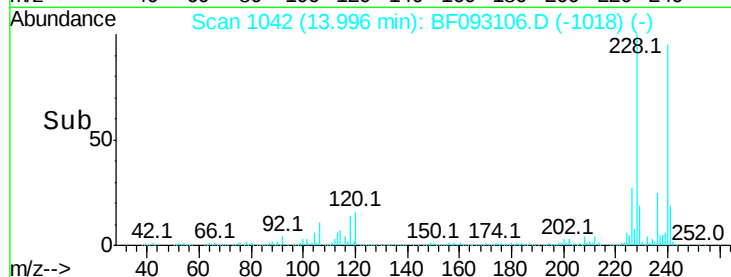
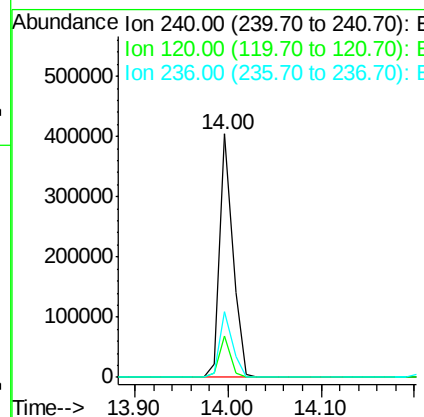
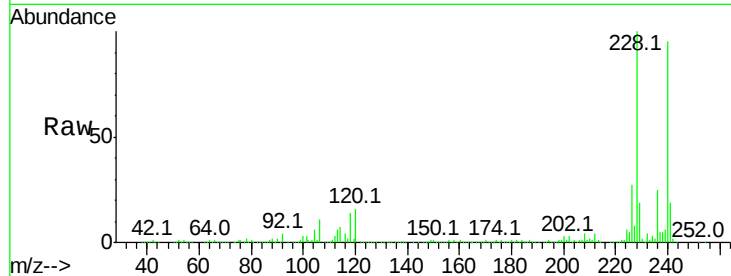
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.8	12.9	19.3
236	26.8	20.9	31.3

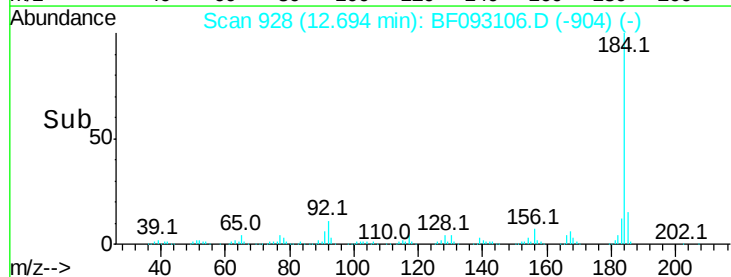
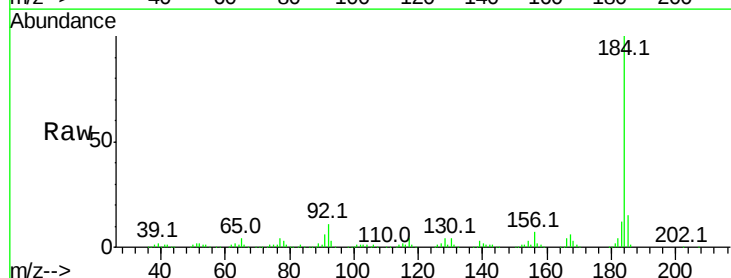
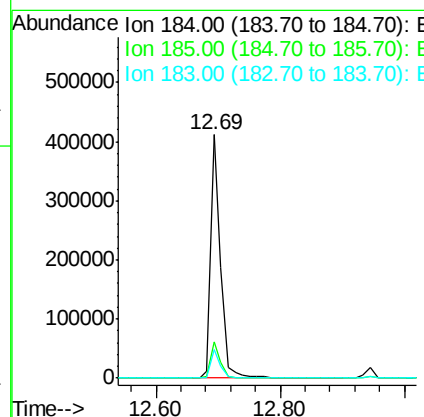
Manual Integrations
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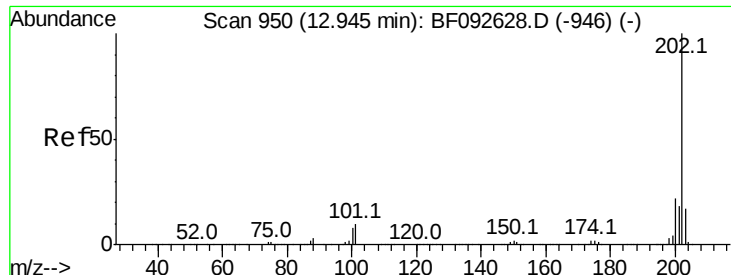
mohammad
2/24/2017 2:11:02 PM



#76
Benzidine
Concen: 26.81 ng
RT: 12.69 min Scan# 928
Delta R.T. -0.02 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.4	20.0
183	11.8	9.2	13.8





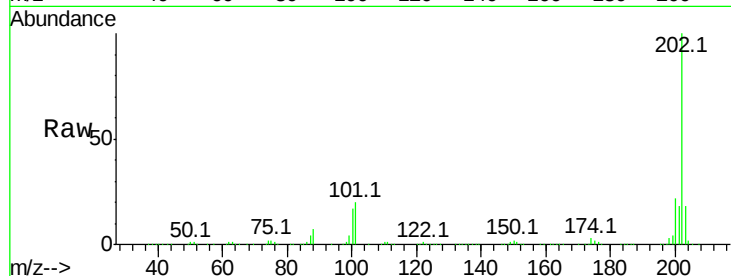
#77
Pvrene
Concen: 41.10 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

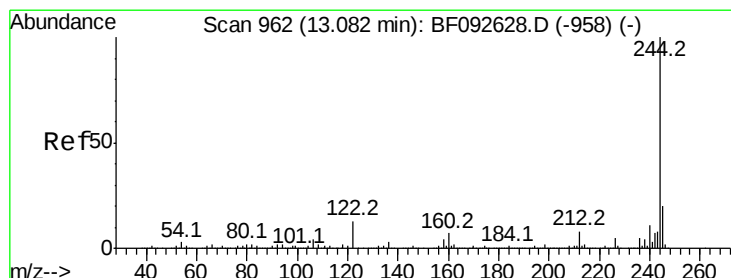
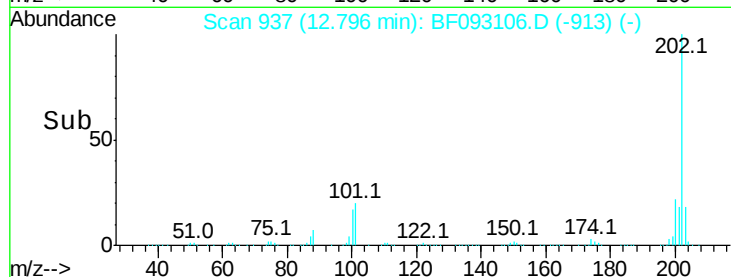
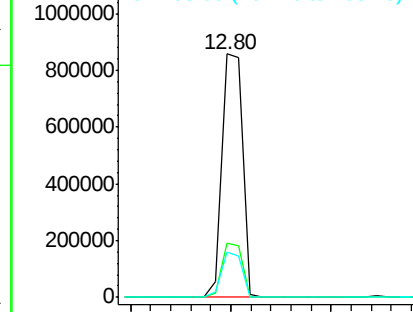
Tot Ion:202 Resp: 1219482
Ion Ratio Lower Upper
202 100
200 22.1 17.7 26.5
203 18.3 14.7 22.1

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mohammad
2/24/2017 2:11:02 PM



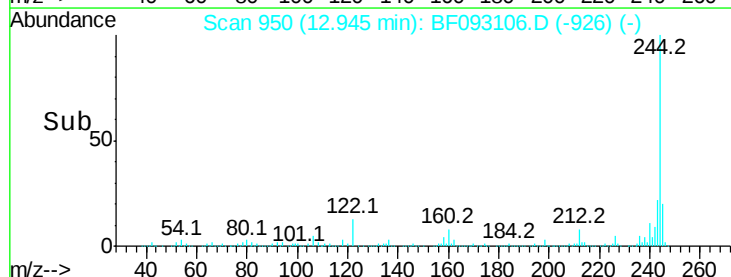
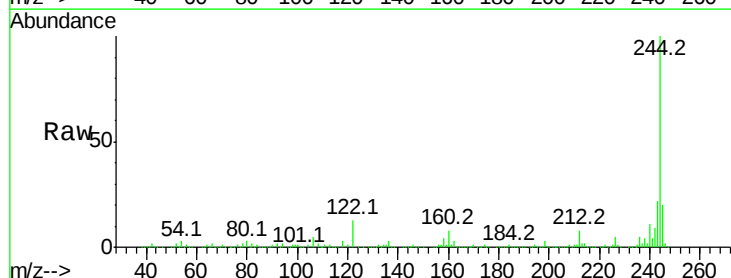
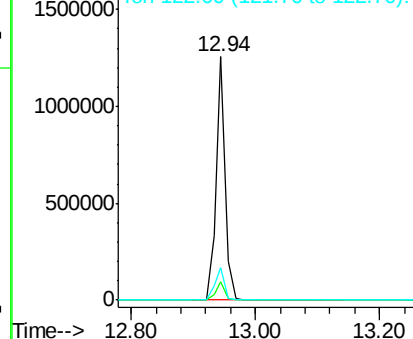
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

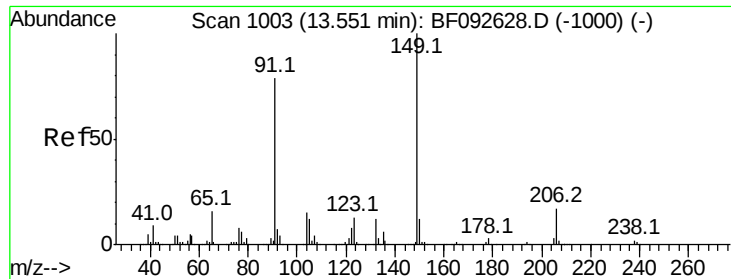


#78
Terphenyl-d14
Concen: 73.57 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion:244 Resp: 1241547
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 13.5 11.4 17.2

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





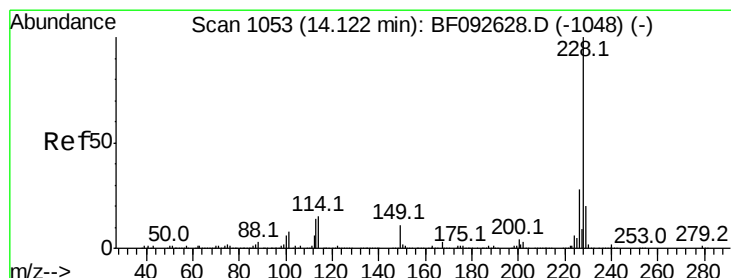
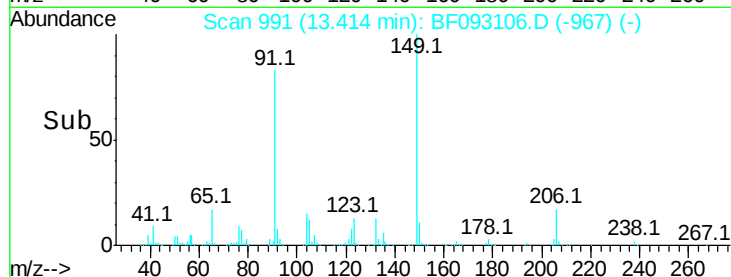
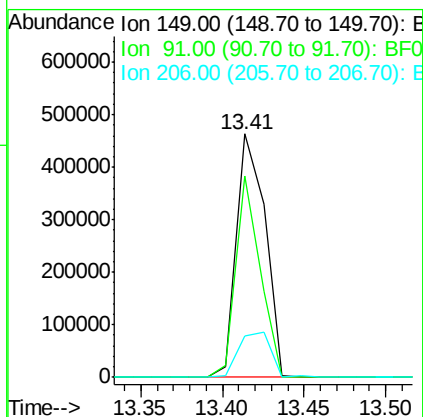
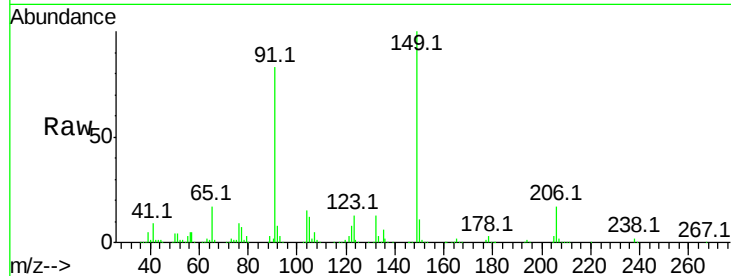
#79
Butylbenzylphthalate
Concen: 46.57 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	561131		
91	82.6	63.9	95.9	
206	16.9	14.6	21.8	

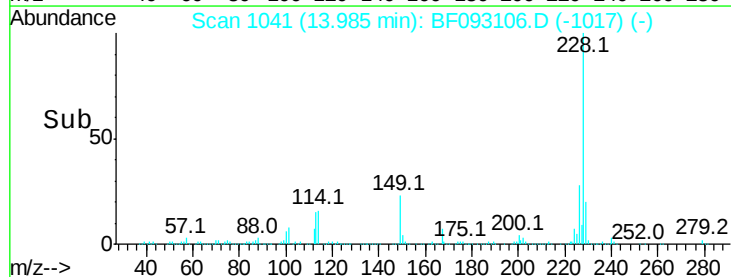
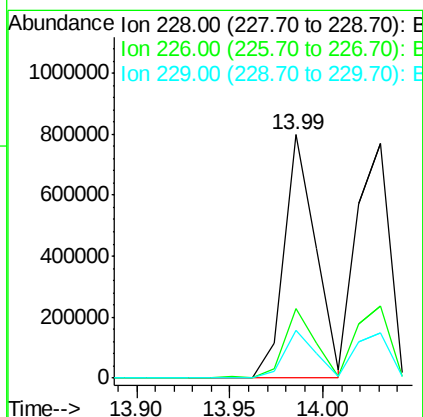
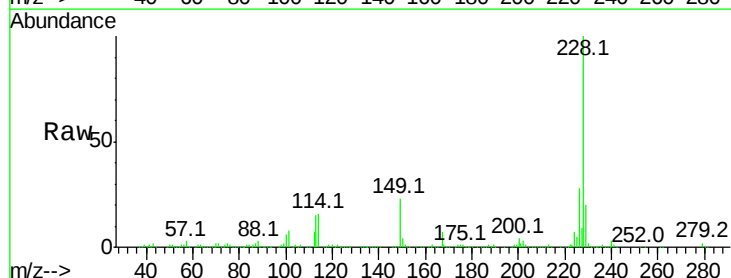
Manual Integrations
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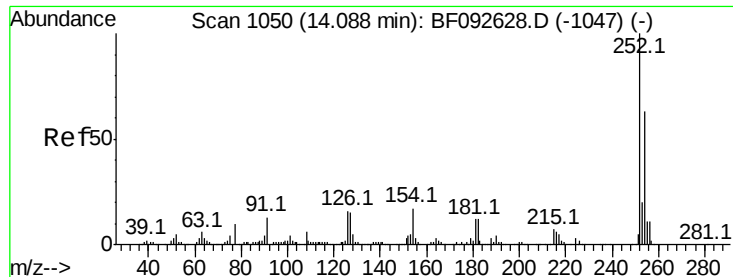
mohammad
2/24/2017 2:11:02 PM



#80
Benzo(a)anthracene
Concen: 38.64 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	937188		
226	28.4	22.4	33.6	
229	19.8	16.2	24.4	





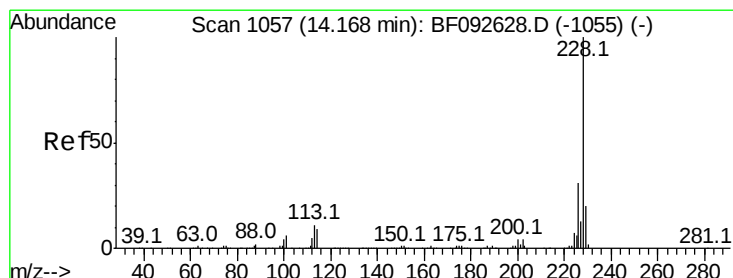
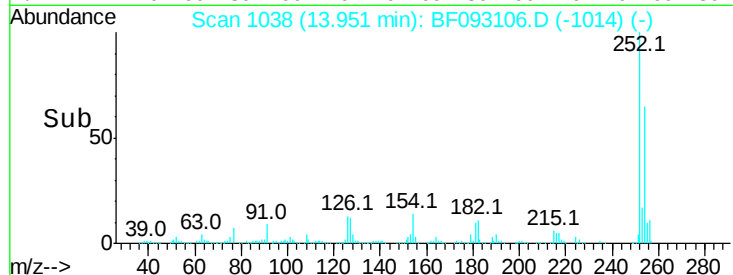
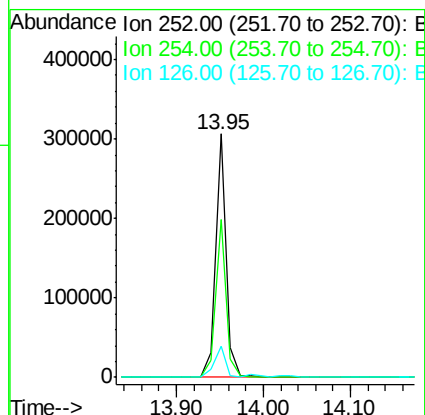
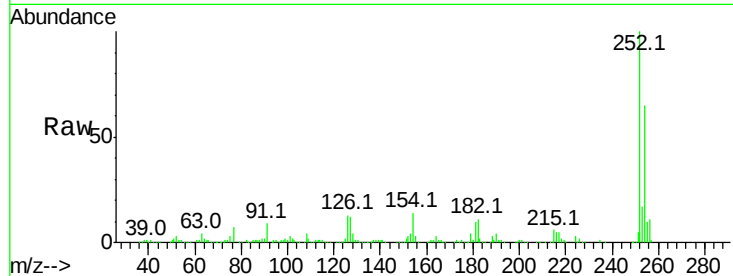
#81
 3,3'-Dichlorobenzidine
 Concen: 30.39 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	262729		
254	64.7	52.3	78.5	
126	12.8	13.6	20.4	

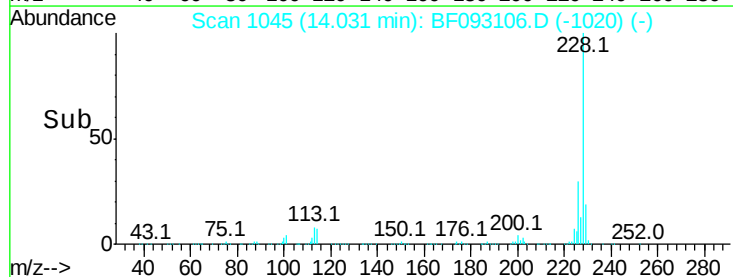
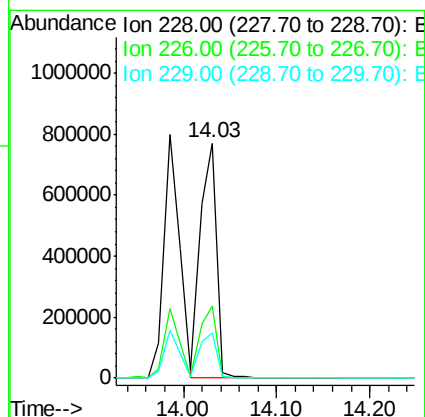
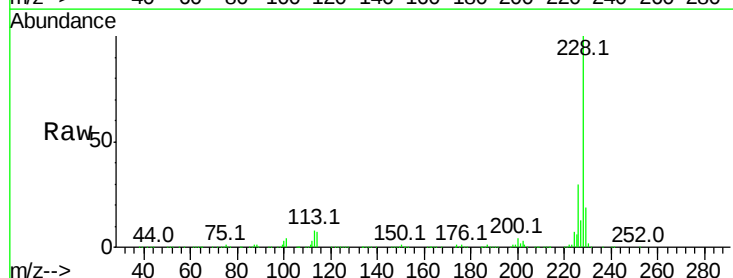
Manual Integrations
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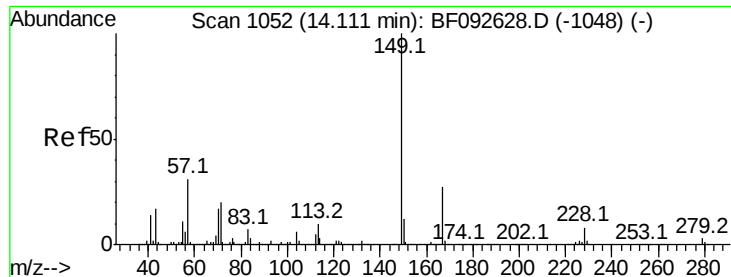
mohammad
 2/24/2017 2:11:02 PM



#82
 Chrysene
 Concen: 41.76 ng
 RT: 14.03 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	948313		
226	30.5	25.4	38.0	
229	19.4	16.2	24.2	





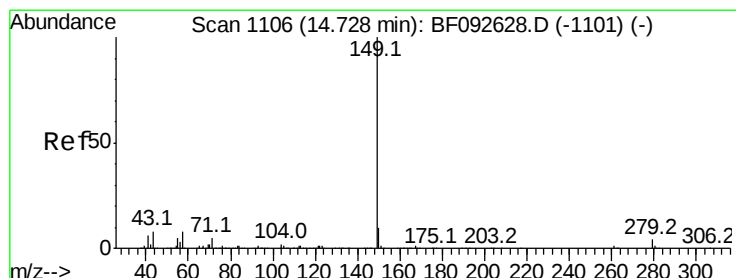
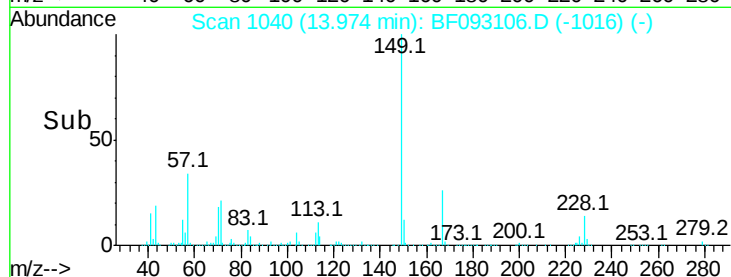
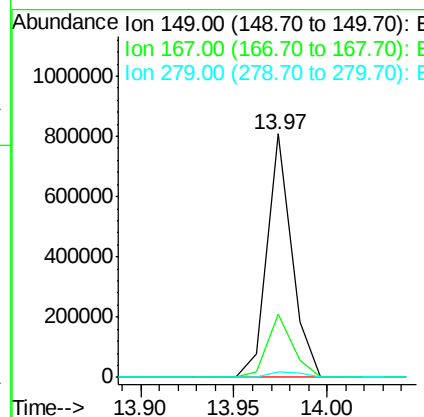
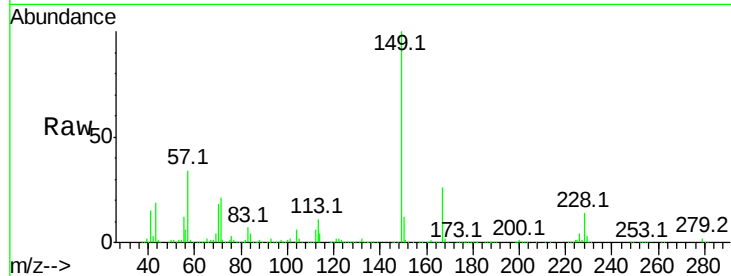
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.74 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.2	30.4
279	2.4	1.8	2.8

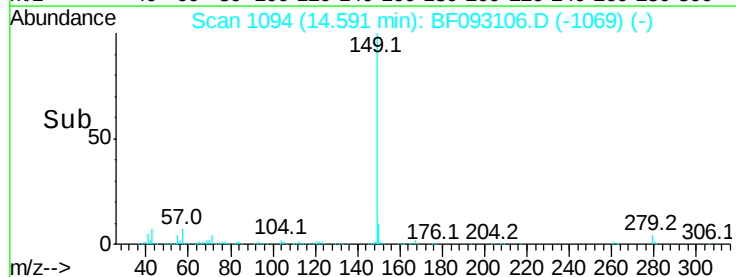
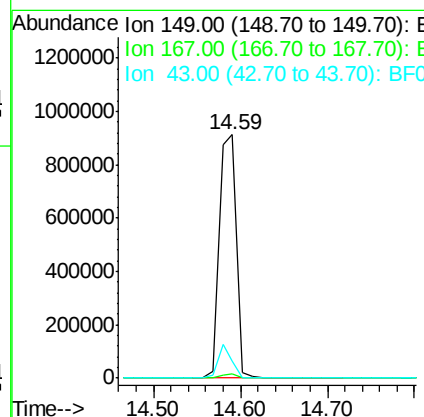
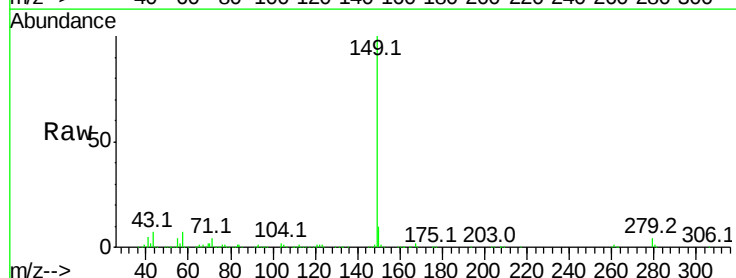
Manual Integrations
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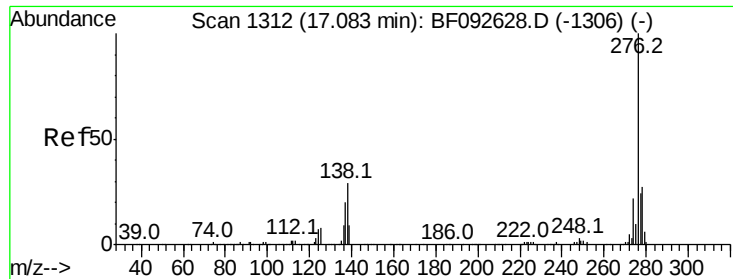
mohammad
 2/24/2017 2:11:02 PM



#84
 Di-n-octyl phthalate
 Concen: 47.25 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.8	8.9	13.3





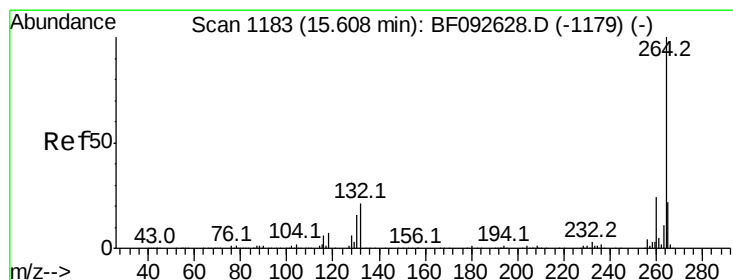
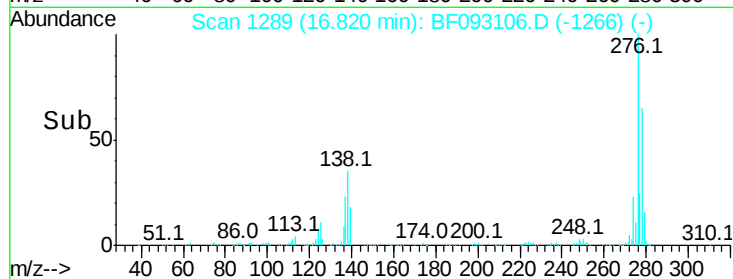
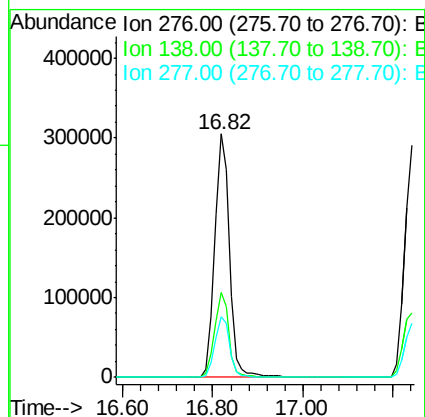
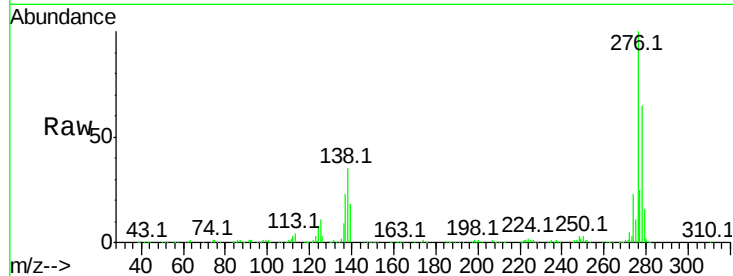
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.92 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.03 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.8	21.8	32.6
277	24.8	20.2	30.4

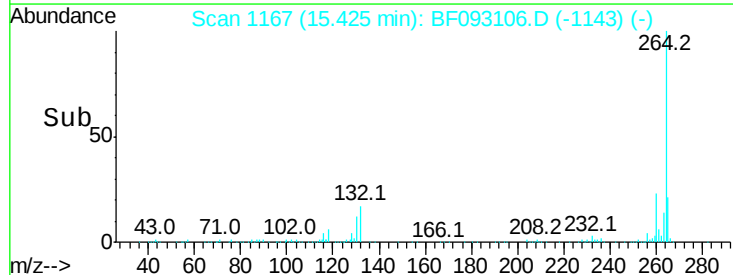
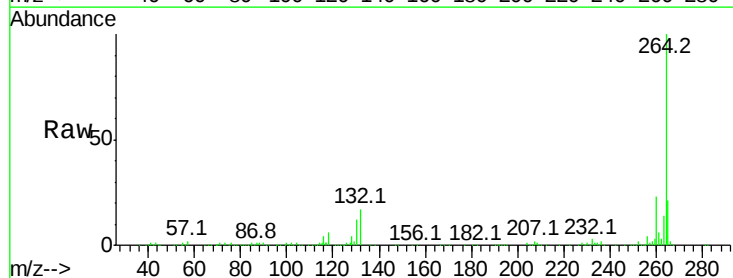
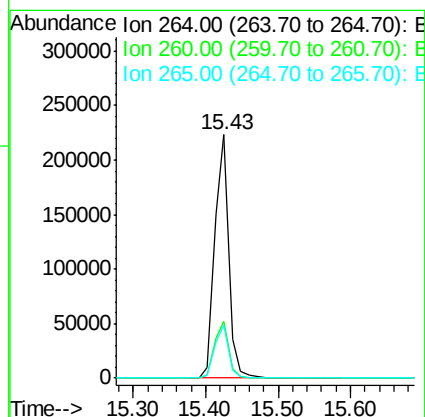
Manual Integrations
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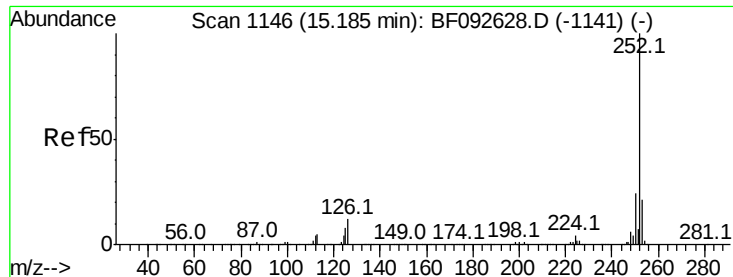
mohammad
2/24/2017 2:11:02 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	17.4	26.0





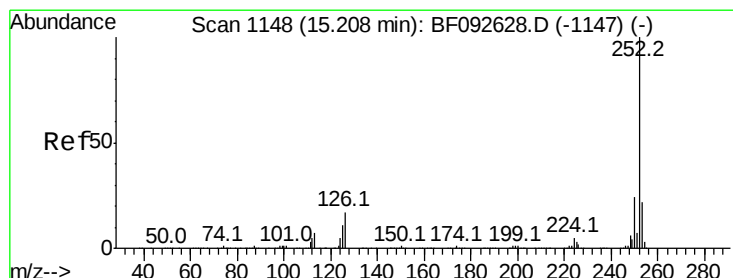
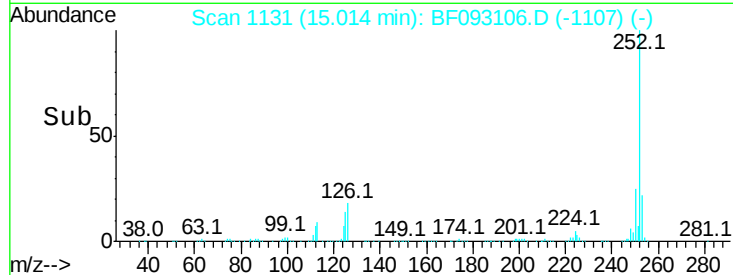
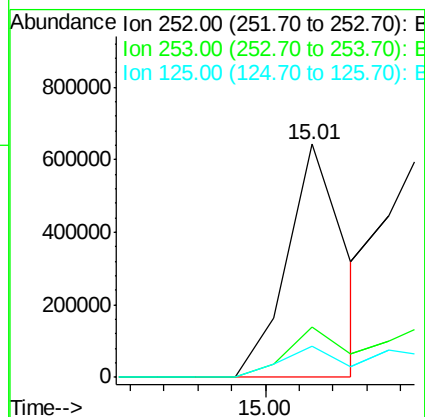
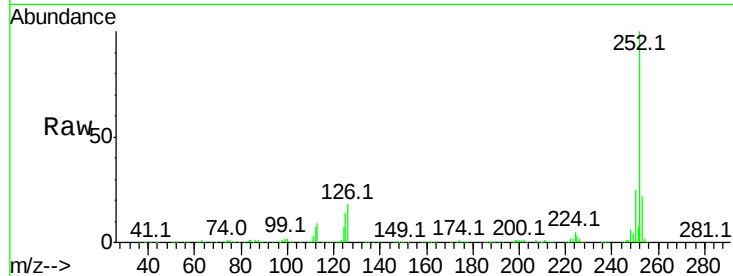
#87
Benzo(b)fluoranthene
Concen: 39.52 ng m
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	13.6	9.8	14.6

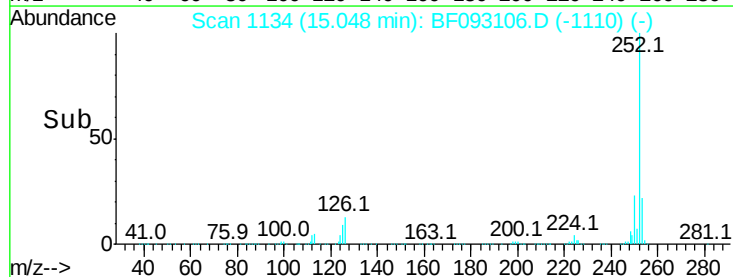
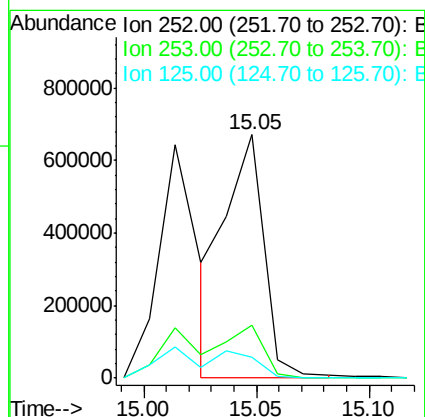
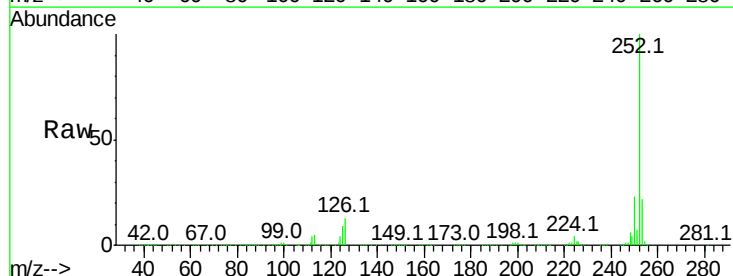
Manual Integrations
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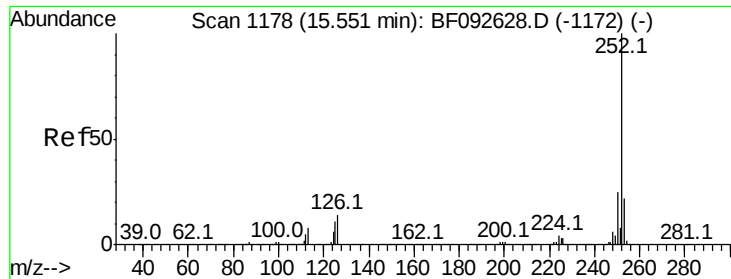
mohammad
2/24/2017 2:11:02 PM



#88
Benzo(k)fluoranthene
Concen: 48.22 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	8.7	8.9	13.3#





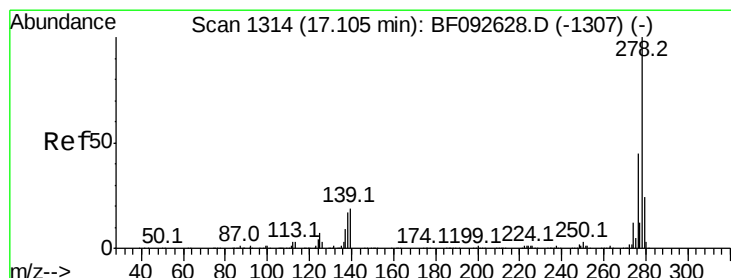
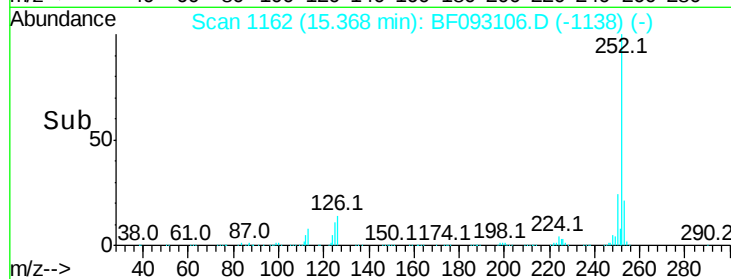
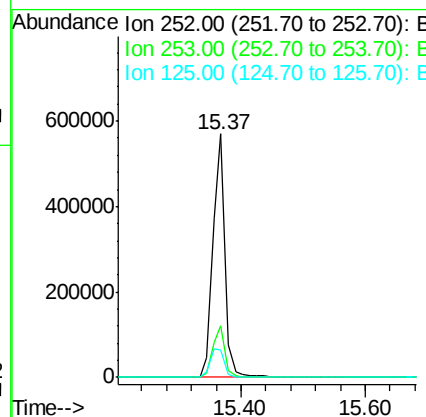
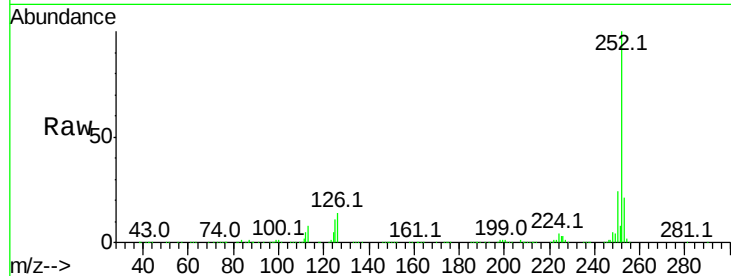
#89
Benzo(a)pyrene
Concen: 44.35 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Instrument :
BNA_F
ClientSampleId :
PB97127BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	11.0	10.0	15.0

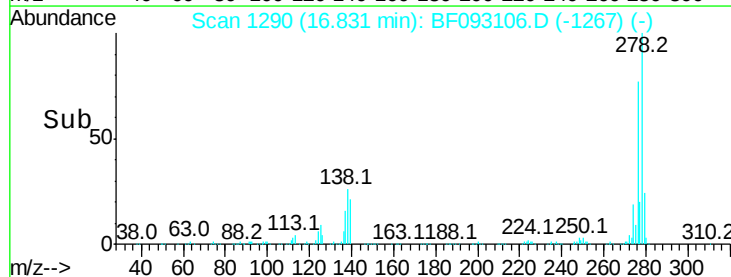
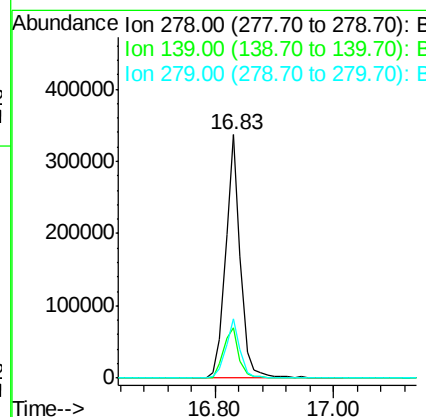
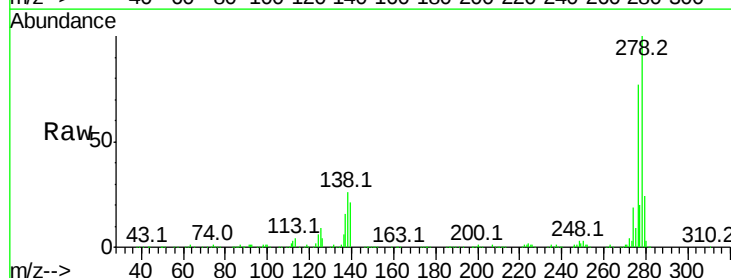
Manual Integrations
APPROVED

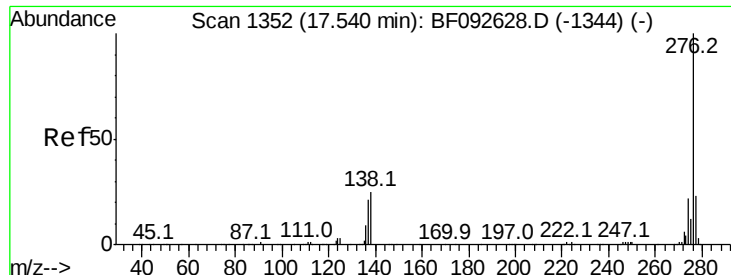
mohammad
2/24/2017 2:11:02 PM



#90
Dibenzo(a,h)anthracene
Concen: 42.30 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093106.D
Acq: 23 Feb 2017 16:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.9	14.8	22.2
279	24.3	19.8	29.6





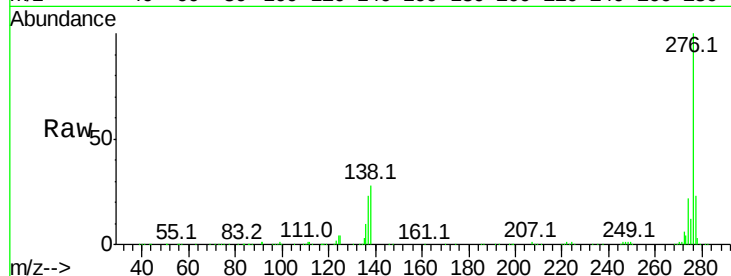
#91
 Benzo(a,h,i)perylene
 Concen: 43.82 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF093106.D
 Acq: 23 Feb 2017 16:06

Instrument :
 BNA_F
 ClientSampleId :
 PB97127BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	27.9	16.0	24.0

Manual Integrations
 APPROVED

mohammad
 2/24/2017 2:11:02 PM



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

