

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093079.D
 Acq On : 22 Feb 2017 17:01
 Operator : SJ/MA
 Sample : PB97097BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Manual Integrations
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mohammad
 2/23/2017 1:16:03 PM

Quant Time: Feb 23 00:16:41 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	157544	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	629452	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	295700	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	565567	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	522645	20.00	ng	-0.02
86) Perylene-d12	15.41	264	413238	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1266854	137.96	ng	0.00
7) Phenol-d6	6.49	99	1567452	132.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	1020180	90.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	339045	158.53	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1621475	99.34	ng	-0.02
78) Terphenyl-d14	12.94	244	1532133	68.88	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	194939	39.29	ng	# 85
3) Pyridine	3.20	79	480399	38.07	ng	91
4) n-Nitrosodimethylamine	3.16	42	260913	44.04	ng	89
6) Aniline	6.50	93	303477	18.83	ng	# 24
8) 2-Chlorophenol	6.62	128	454184	44.83	ng	98
9) Benzaldehyde	6.38	77	226097	26.71	ng	93
10) Phenol	6.50	94	661375	47.84	ng	80
11) bis(2-Chloroethyl)ether	6.58	93	461228	41.80	ng	95
12) 1,3-Dichlorobenzene	6.77	146	480229m	40.47	ng	
13) 1,4-Dichlorobenzene	6.85	146	503382	41.92	ng	98
14) 1,2-Dichlorobenzene	7.01	146	458857m	39.96	ng	
15) Benzyl Alcohol	6.99	79	384166	43.92	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	791604	41.30	ng	99
17) 2-Methylphenol	7.10	107	395363	45.49	ng	97
18) Hexachloroethane	7.34	117	165322	40.33	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	326602	43.42	ng	94
20) 3+4-Methylphenols	7.26	107	468630	45.10	ng	# 80
22) Acetophenone	7.25	105	608942	42.37	ng	# 94
24) Nitrobenzene	7.42	77	481149	41.45	ng	96
25) Isophorone	7.66	82	915488	43.46	ng	96
26) 2-Nitrophenol	7.74	139	269179	48.79	ng	92
27) 2,4-Dimethylphenol	7.79	122	441532	45.57	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	614257	44.03	ng	99
29) 2,4-Dichlorophenol	7.98	162	398225	44.07	ng	89
30) 1,2,4-Trichlorobenzene	8.06	180	410375	42.14	ng	95
31) Naphthalene	8.14	128	1290174	40.43	ng	99
32) Benzoic acid	7.93	122	205040	38.94	ng	96
33) 4-Chloroaniline	8.20	127	116696	9.33	ng	95
34) Hexachlorobutadiene	8.26	225	206966	38.63	ng	99
35) Caprolactam	8.58	113	138785m	48.82	ng	
36) 4-Chloro-3-methylphenol	8.69	107	447385	47.49	ng	94
37) 2-Methylnaphthalene	8.83	142	876531	42.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	378220	45.57	ng	99
40) Hexachlorocyclopentadiene	8.99	237	353484	94.39	ng	99

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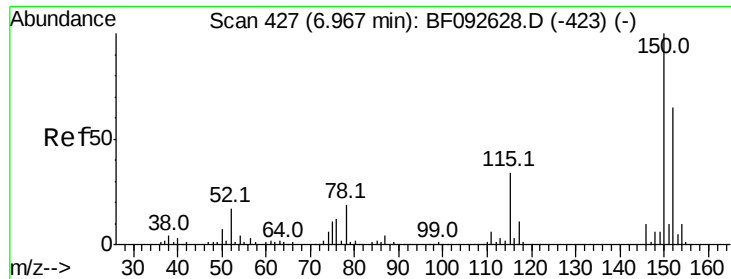
Manual Integrations
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Quant Time: Feb 23 00:16:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	270867	49.66	nq	91
43) 2,4,5-Trichlorophenol	9.16	196	282646	47.30	nq	# 89
45) 1,1'-Biphenyl	9.30	154	1045712	48.84	nq	98
46) 2-Chloronaphthalene	9.32	162	801510	47.85	nq	95
47) 2-Nitroaniline	9.42	65	288677	51.26	nq	97
48) Acenaphthylene	9.73	152	1266604	43.77	nq	98
49) Dimethylphthalate	9.61	163	1038461	52.14	nq	100
50) 2,6-Dinitrotoluene	9.66	165	202026	46.97	nq	# 76
51) Acenaphthene	9.90	154	754238	43.60	nq	96
52) 3-Nitroaniline	9.84	138	94959	19.29	nq	85
53) 2,4-Dinitrophenol	9.95	184	226239	102.01	nq	# 80
54) Dibenzofuran	10.09	168	1130584	48.86	nq	# 88
55) 4-Nitrophenol	10.02	139	341459	96.31	nq	# 64
56) 2,4-Dinitrotoluene	10.08	165	297935	52.03	nq	91
57) Fluorene	10.42	166	807639	45.37	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	222206	55.74	nq	98
59) Diethylphthalate	10.30	149	993006	52.90	nq	96
60) 4-Chlorophenyl-phenylether	10.42	204	403681	47.20	nq	# 76
61) 4-Nitroaniline	10.45	138	228513	45.32	nq	93
62) Azobenzene	10.58	77	1074618	55.42	nq	89
64) 4,6-Dinitro-2-methylphenol	10.49	198	162357	47.21	nq	92
65) n-Nitrosodiphenylamine	10.53	169	733587	40.60	nq	99
66) 4-Bromophenyl-phenylether	10.90	248	239609	40.55	nq	93
67) Hexachlorobenzene	10.97	284	229064	39.23	nq	# 84
68) Atrazine	11.07	200	276048	47.61	nq	93
69) Pentachlorophenol	11.17	266	260696	85.90	nq	97
70) Phenanthrene	11.38	178	1238486	38.22	nq	99
71) Anthracene	11.44	178	1367869	42.04	nq	99
72) Carbazole	11.60	167	1330746	42.78	nq	98
73) Di-n-butylphthalate	11.92	149	1381967	41.08	nq	98
74) Fluoranthene	12.57	202	1233036	36.89	nq	99
76) Benzidine	12.69	184	466226	20.93	nq	97
77) Pyrene	12.80	202	1292307	33.04	nq	99
79) Butylbenzylphthalate	13.41	149	618683	38.95	nq	96
80) Benzo(a)anthracene	13.98	228	1153681	36.09	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	207055	18.17	nq	# 95
82) Chrysene	14.02	228	983808	32.87	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	868632	39.99	nq	# 97
84) Di-n-octyl phthalate	14.58	149	1486242	42.02	nq	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	880721	37.99	nq	# 94
87) Benzo(b)fluoranthene	15.01	252	1116049	41.03	nq	99
88) Benzo(k)fluoranthene	15.05	252	1039893m	44.28	nq	
89) Benzo(a)pyrene	15.37	252	1010948	42.97	nq	# 96
90) Dibenzo(a,h)anthracene	16.83	278	744387	39.15	nq	97
91) Benzo(g,h,i)perylene	17.24	276	734858	38.25	nq	# 95

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



#1

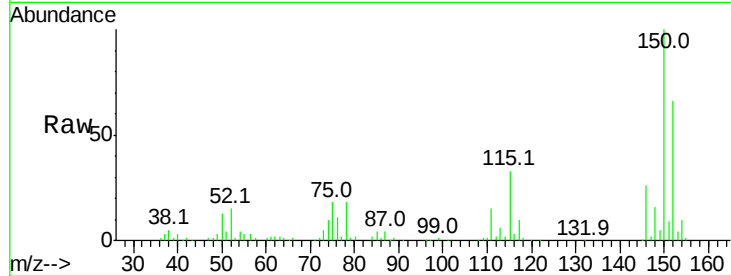
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampled :
PB97097BS

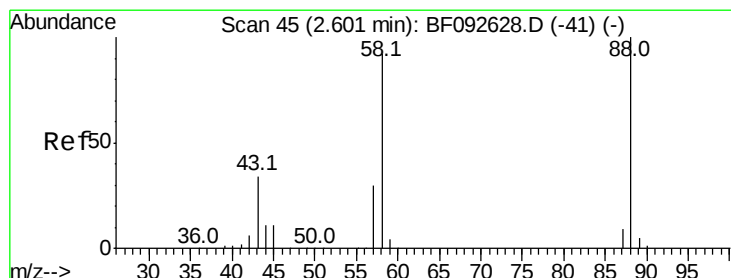
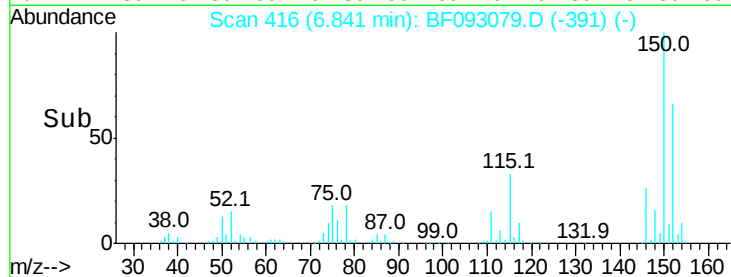
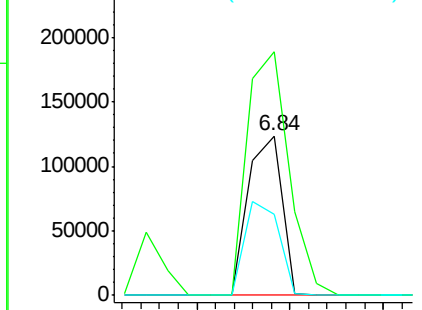
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	124.9	187.3
115	50.6	46.0	69.0

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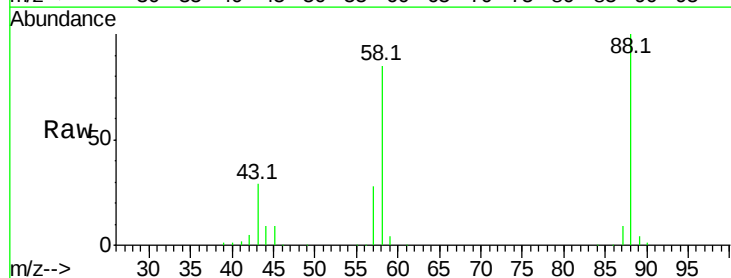
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



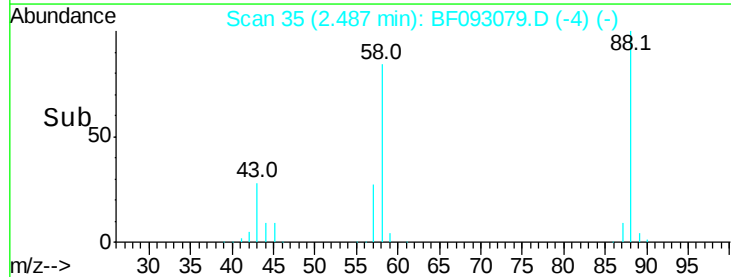
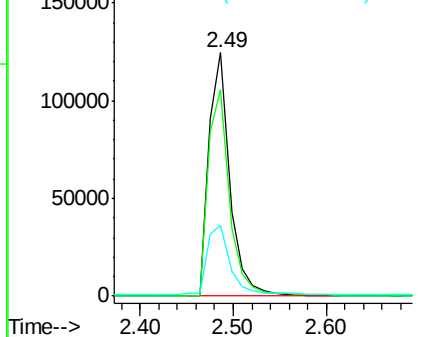
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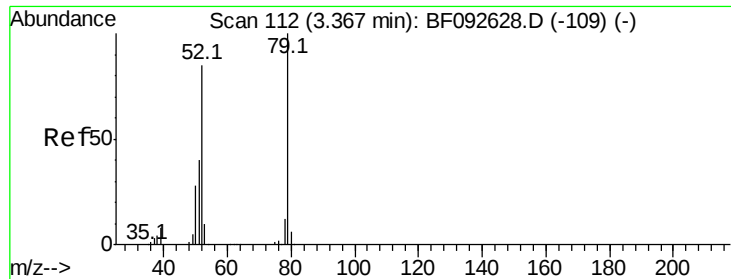
1,4-Dioxane
Concen: 39.29 ng
RT: 2.49 min Scan# 35
Delta R.T. 0.06 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	57.8	86.8#
43	31.2	22.3	33.5



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





#3

Pvridine

Concen: 38.07 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.05 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

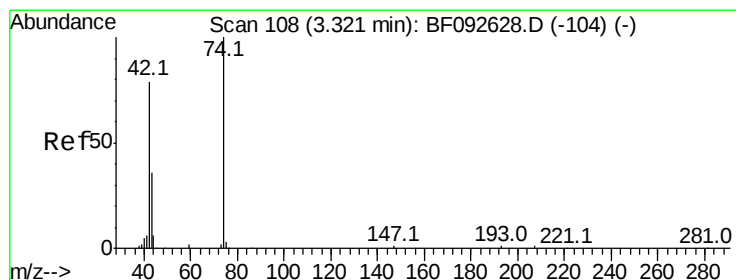
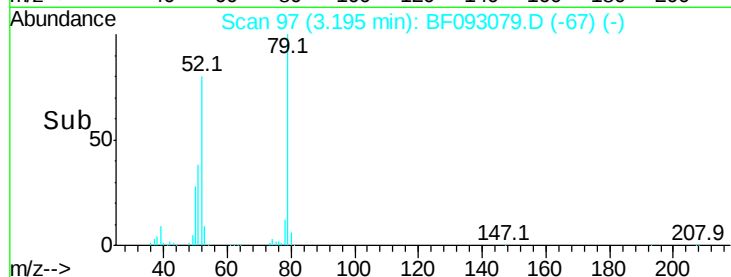
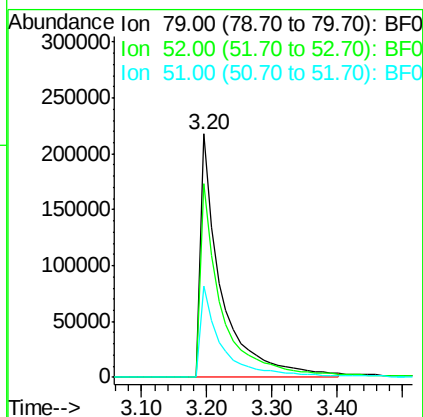
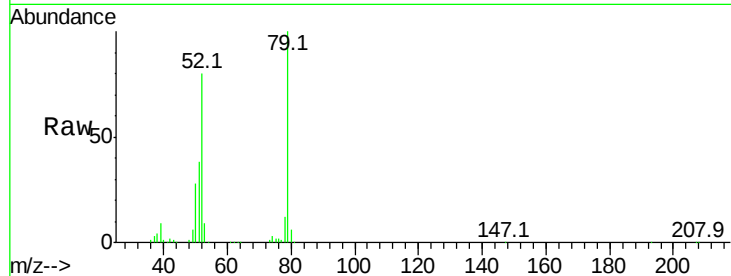
ClientSampleId :

PB97097BS

Tot Ion:	79	Resp:	480399
Ion Ratio	Lower	Upper	
79	100		
52	79.5	57.1	85.7
51	37.7	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 44.04 ng

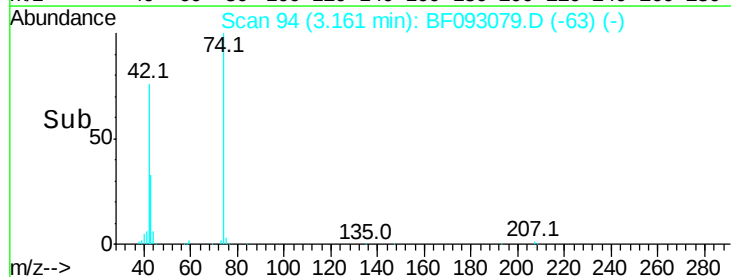
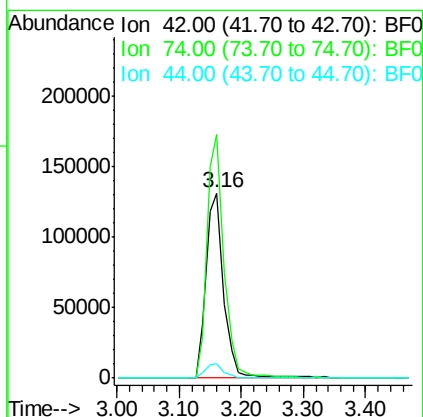
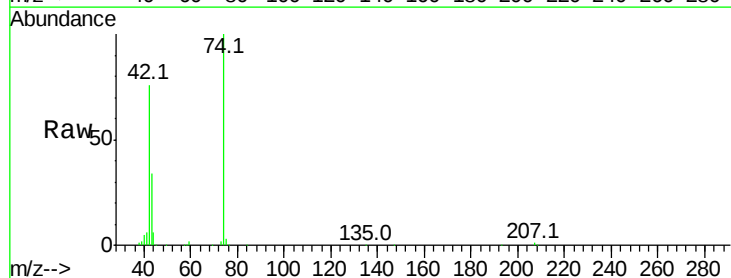
RT: 3.16 min Scan# 94

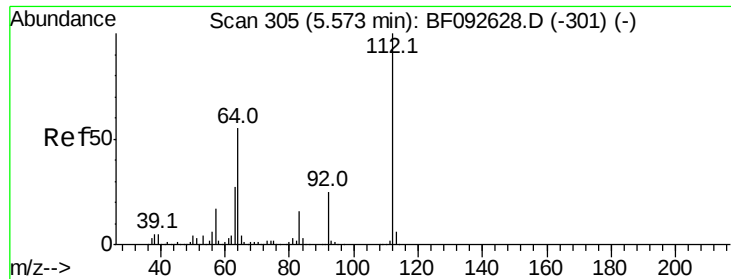
Delta R.T. 0.06 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Tgt Ion:	42	Resp:	260913
Ion Ratio	Lower	Upper	
42	100		
74	131.7	117.0	175.4
44	7.6	5.5	8.3





#5

2-Fluorophenol

Concen: 137.96 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

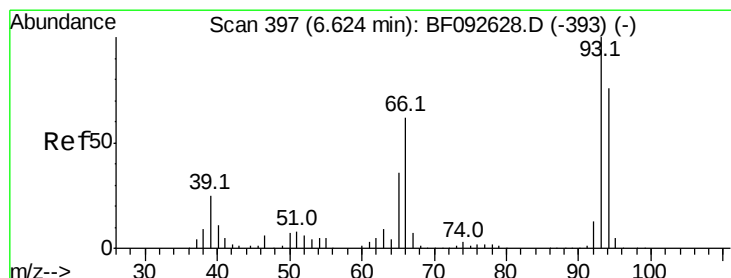
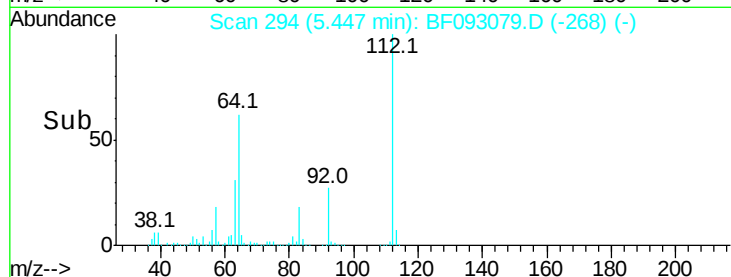
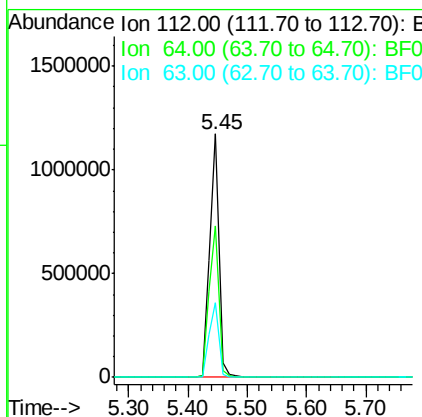
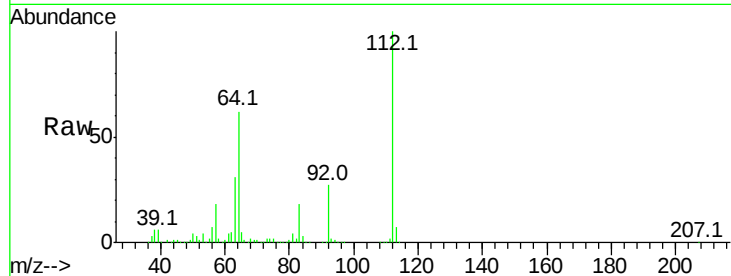
ClientSampleId :

PB97097BS

Tot Ion:	112	Resp:	1266854
Ion	Ratio	Lower	Upper
112	100		
64	62.0	46.1	69.1
63	30.9	23.8	35.6

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#6

Aniline

Concen: 18.83 ng

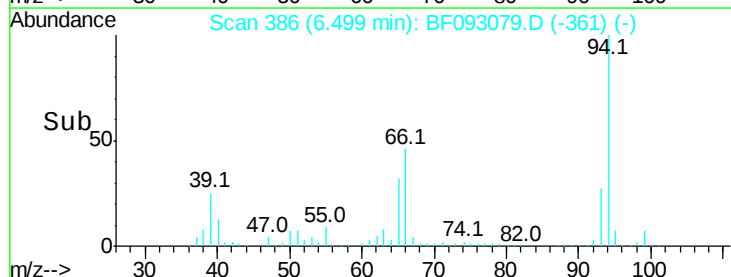
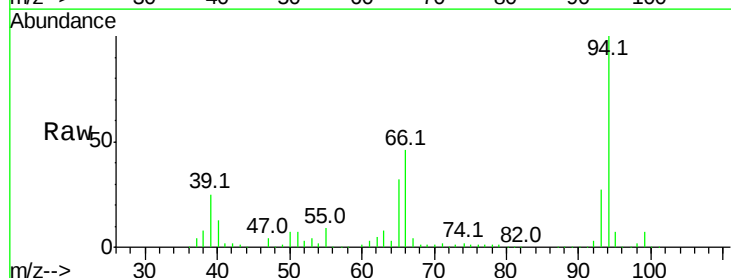
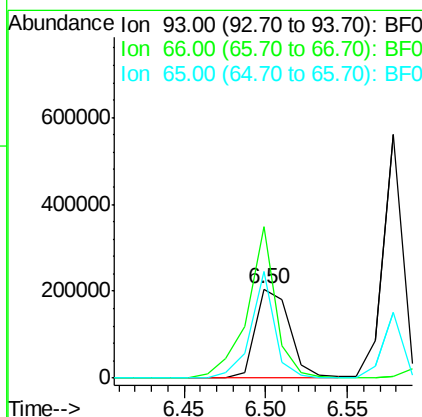
RT: 6.50 min Scan# 386

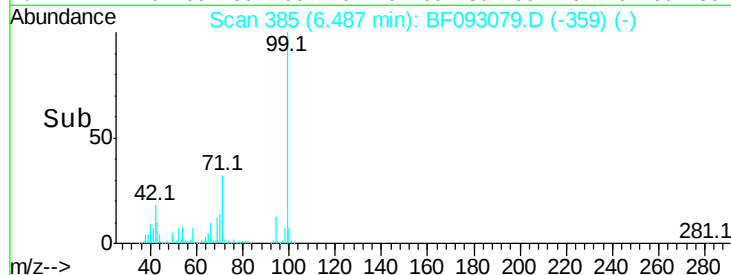
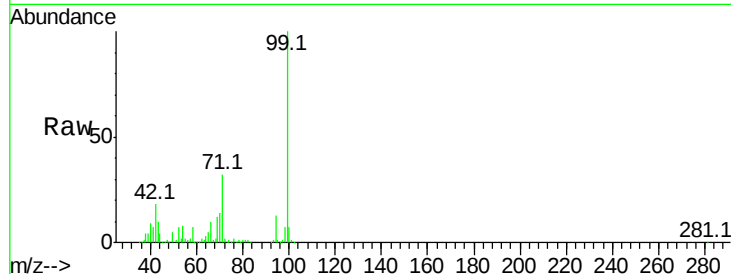
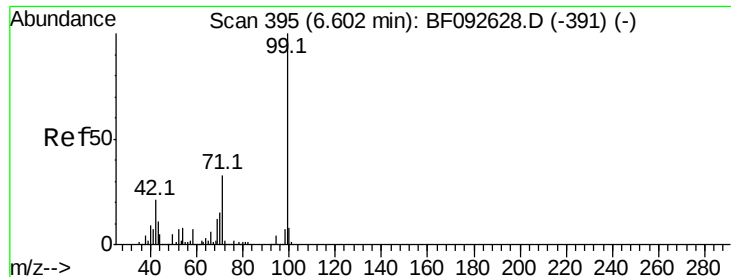
Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Tgt Ion:	93	Resp:	303477
Ion	Ratio	Lower	Upper
93	100		
66	169.7	76.2	114.2#
65	119.3	49.3	73.9#





#7

Phenol-d6

Concen: 132.66 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Tot Ion: 99 Resp: 1567452

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

71 31.6 27.5 41.3

Instrument :

BNA_F

ClientSampleId :

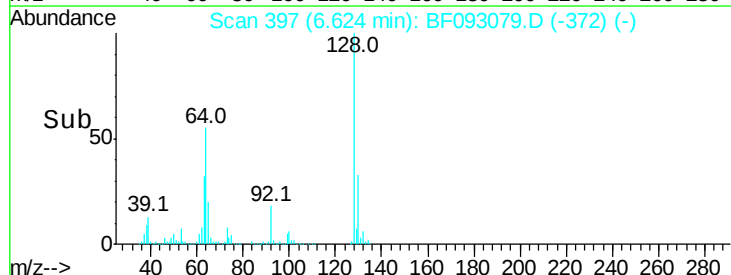
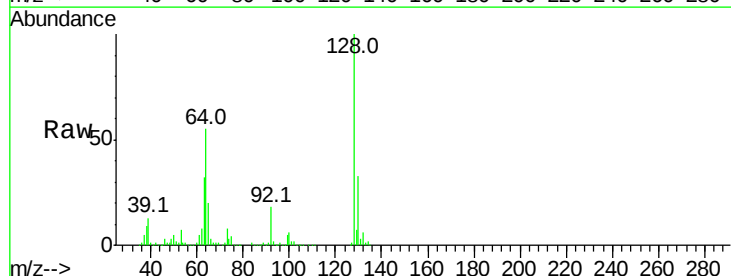
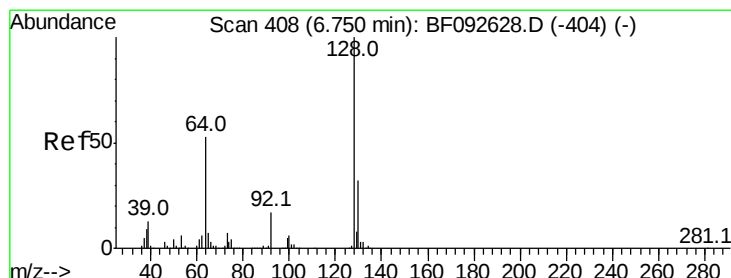
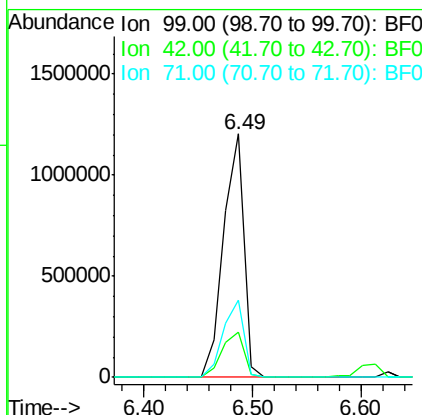
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#8

2-Chlorophenol

Concen: 44.83 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

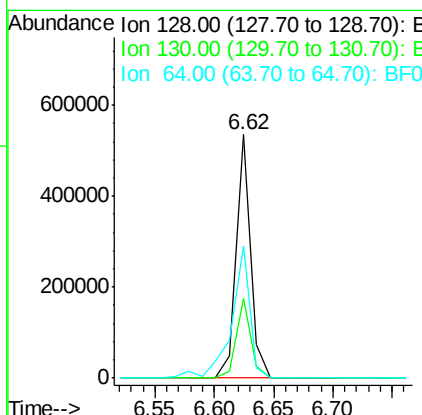
Tgt Ion:128 Resp: 454184

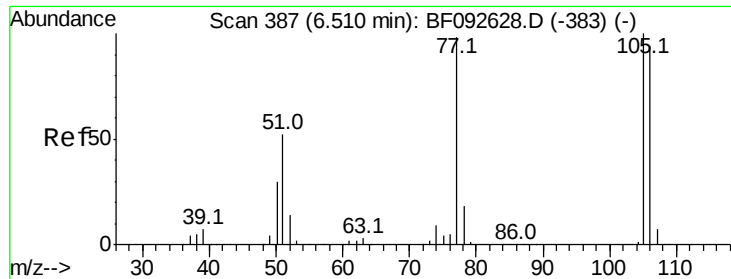
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 54.5 32.2 72.2





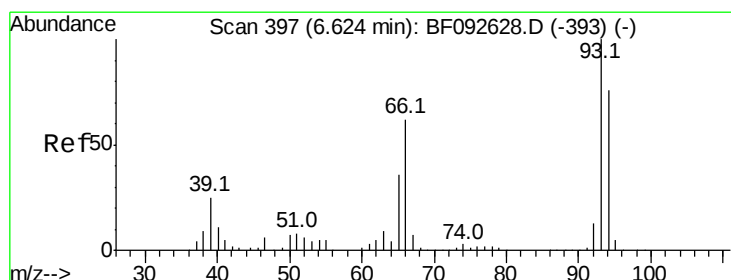
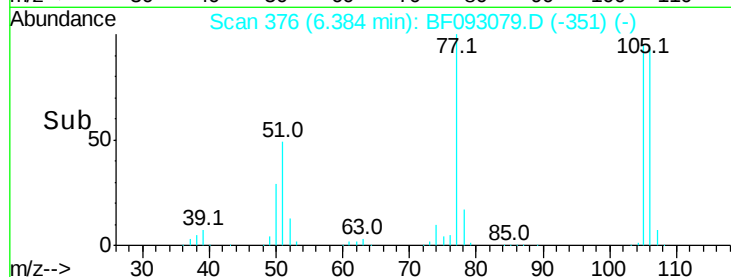
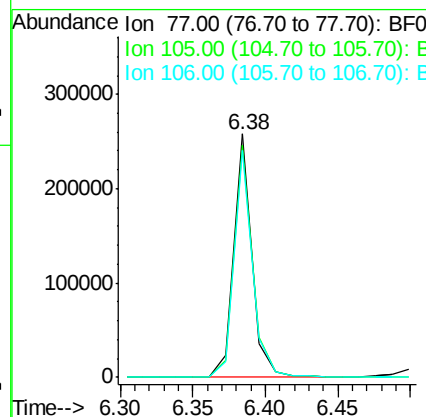
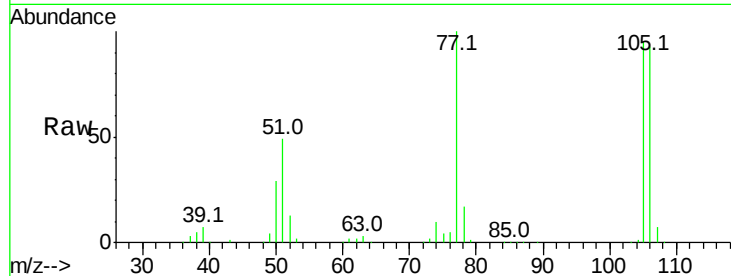
#9
Benzaldehyde
Concen: 26.71 ng
RT: 6.38 min Scan# 376
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion: 77 Resp: 226097
Ion Ratio Lower Upper
77 100
105 95.4 83.9 123.9
106 93.0 77.6 117.6

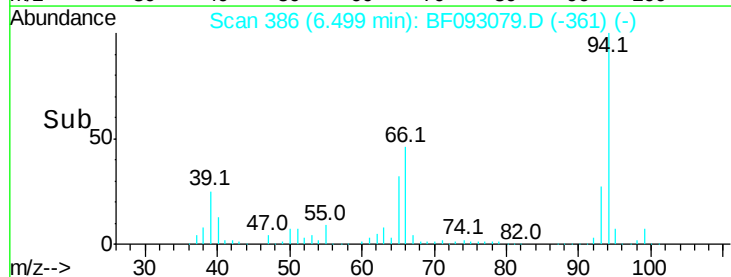
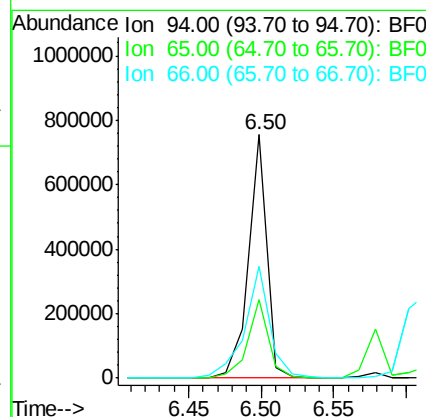
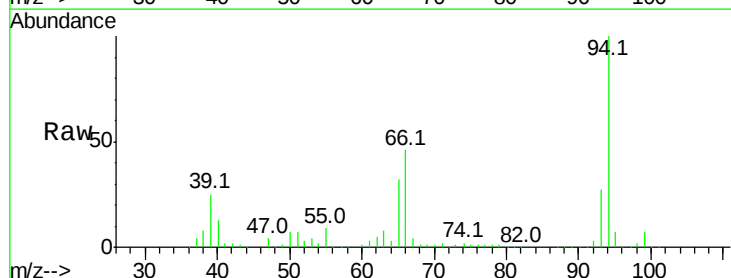
Manual Integrations
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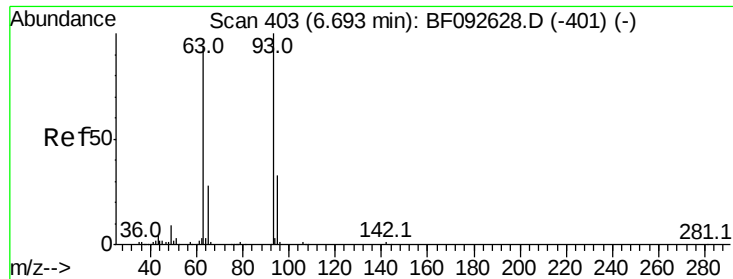
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#10
Phenol
Concen: 47.84 ng
RT: 6.50 min Scan# 386
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion: 94 Resp: 661375
Ion Ratio Lower Upper
94 100
65 32.4 21.4 61.4
66 46.1 44.0 84.0





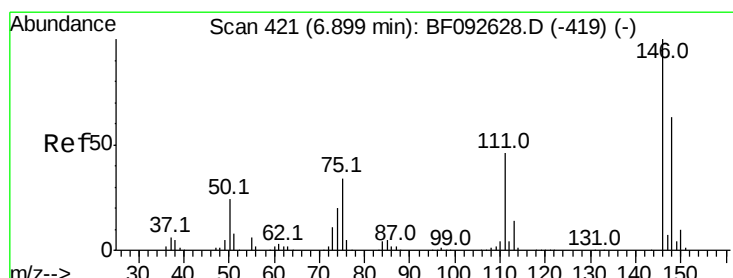
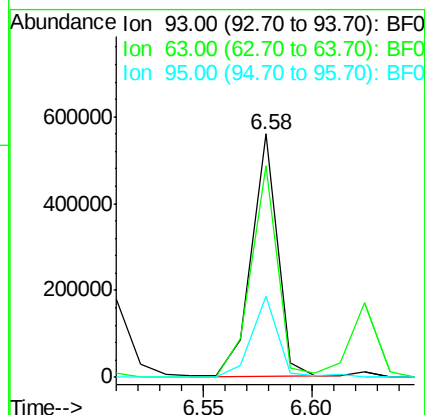
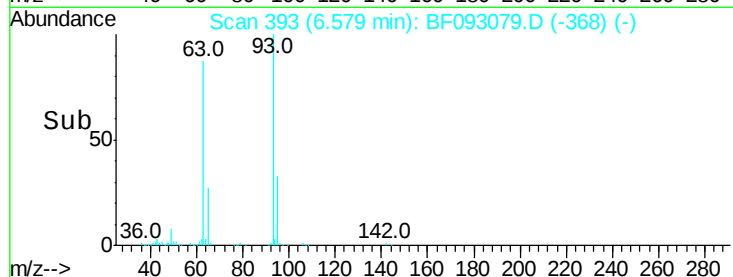
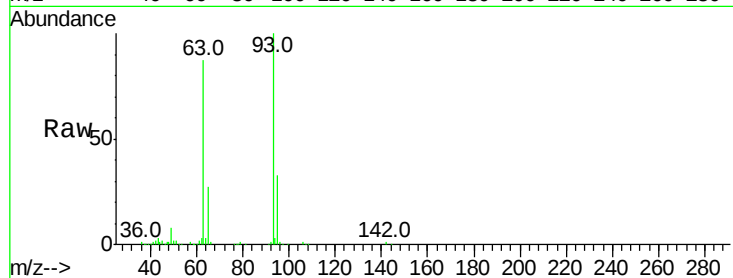
#11
bis(2-Chloroethyl)ether
Concen: 41.80 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	86.7	60.4	100.4
95	33.2	12.8	52.8

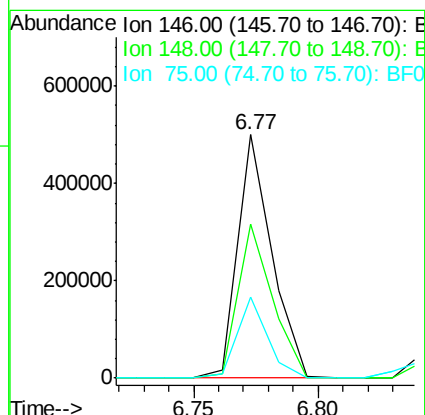
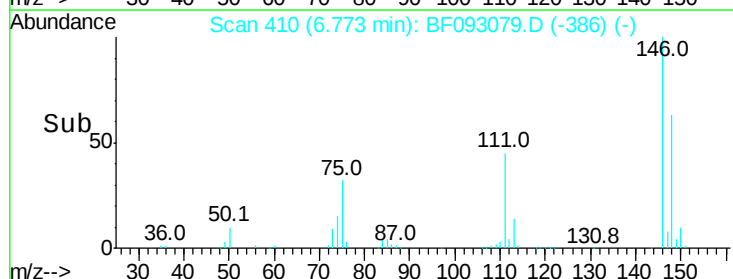
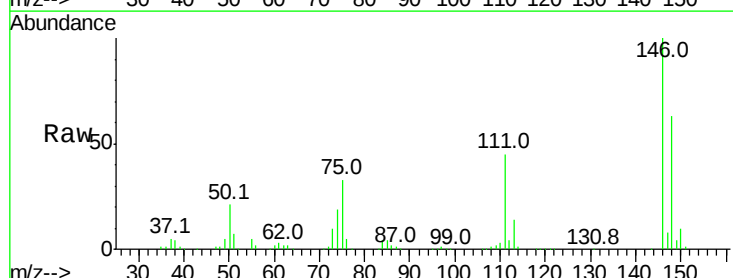
Manual Integrations
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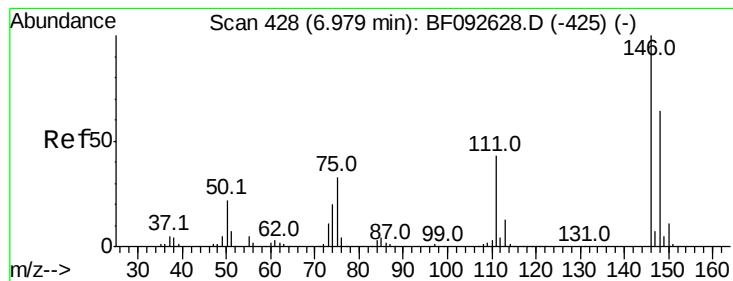
mohammad
2/23/2017 1:16:03 PM



#12
1,3-Dichlorobenzene
Concen: 40.47 ng m
RT: 6.77 min Scan# 410
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.4	80.0
75	33.2	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 41.92 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

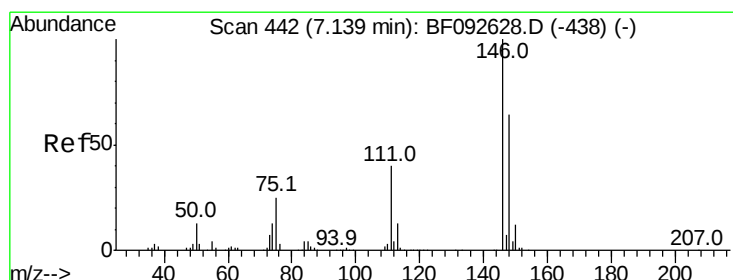
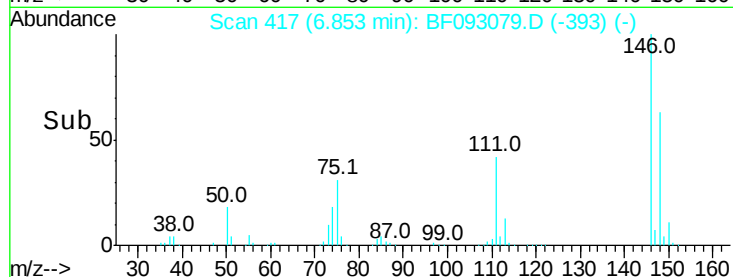
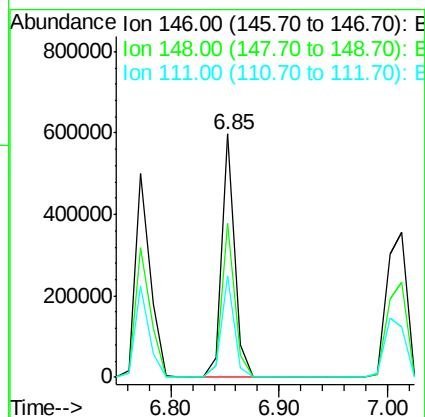
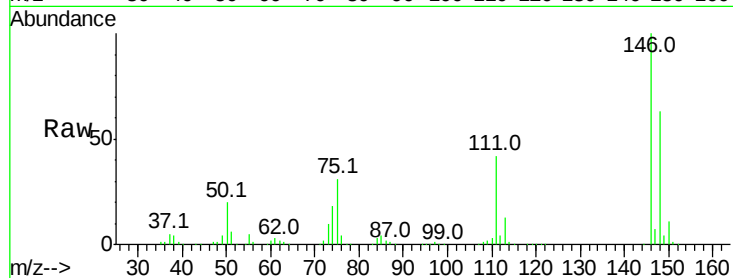
ClientSampleId :

PB97097BS

Tot Ion:	146	Resp:	503382
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	76.0
111	41.6	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.96 ng m

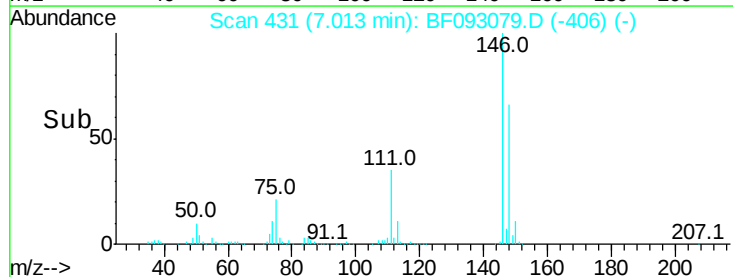
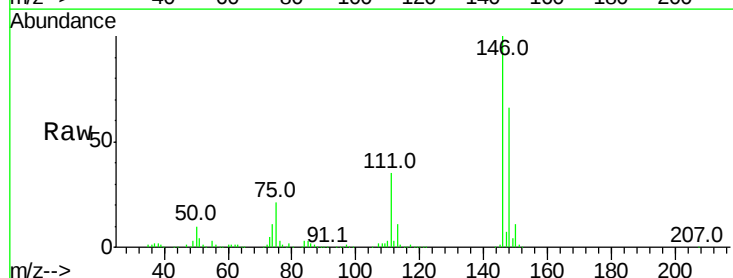
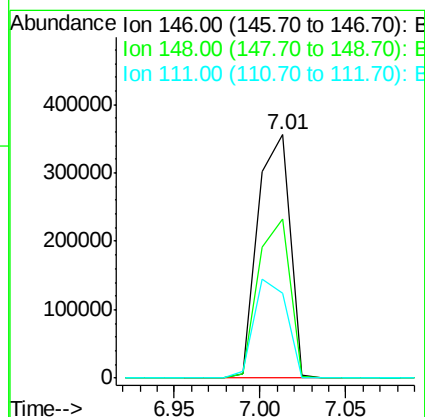
RT: 7.01 min Scan# 431

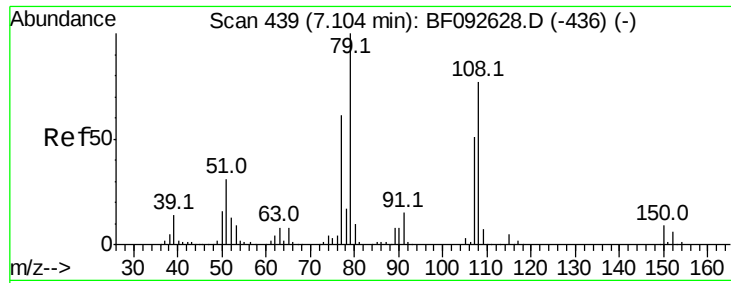
Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Tgt Ion:	146	Resp:	458857
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.2	78.2
111	35.0	36.2	54.2#





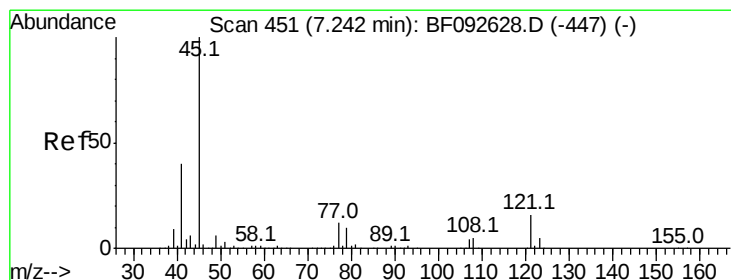
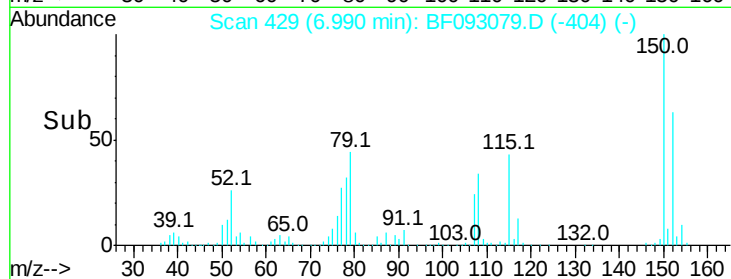
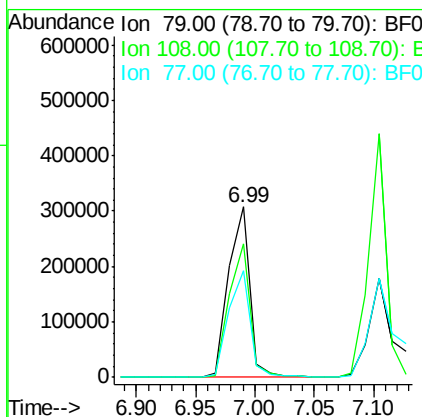
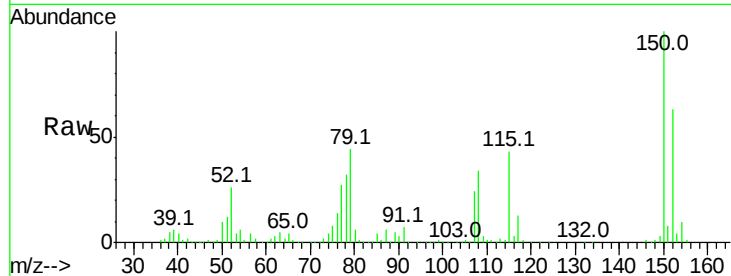
#15
Benzyl Alcohol
Concen: 43.92 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	384166		
108	78.3	61.4	92.0	
77	62.7	50.9	76.3	

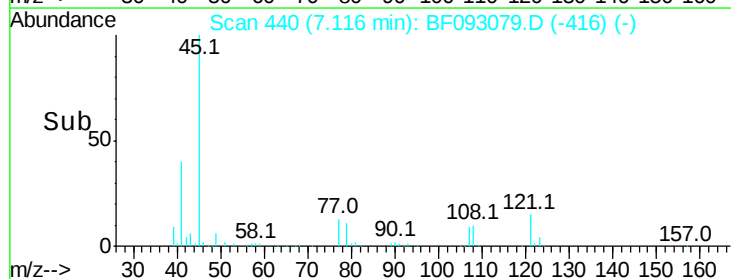
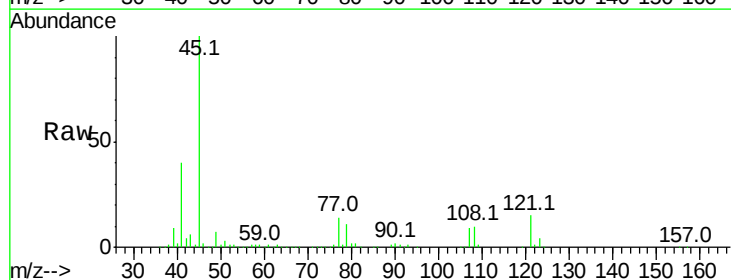
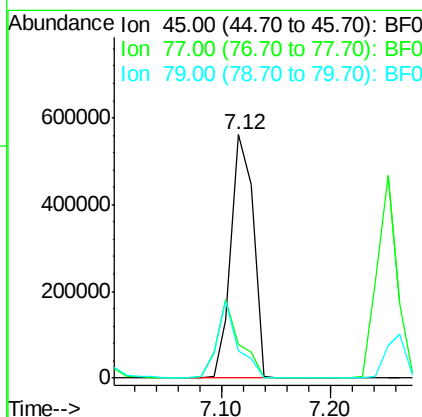
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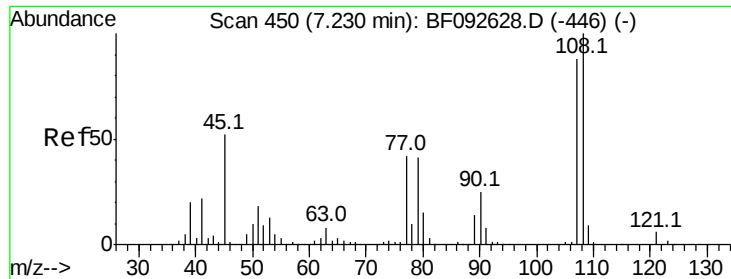
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.30 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	791604		
77	14.1	0.0	34.6	
79	11.5	0.0	31.2	





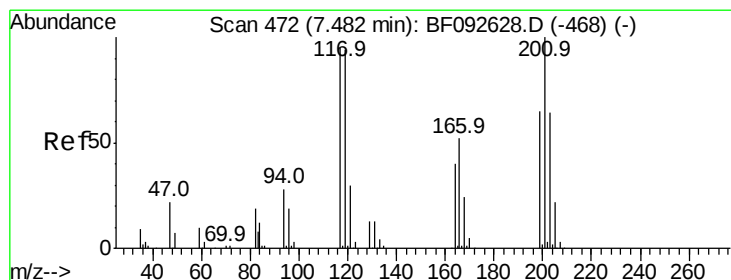
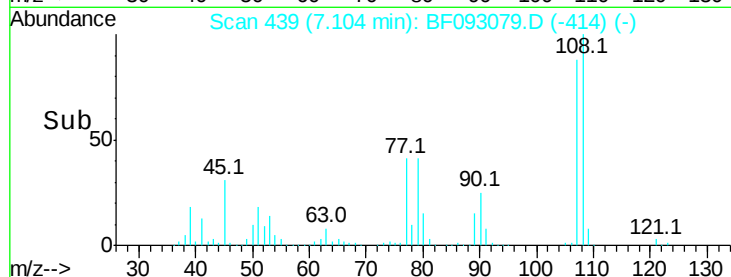
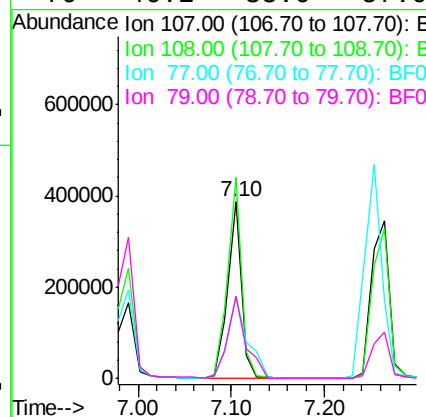
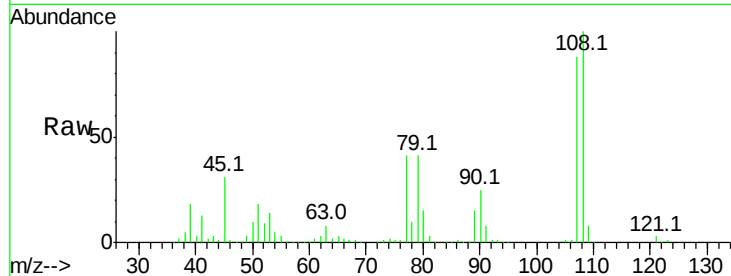
#17
2-Methylphenol
Concen: 45.49 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion:	107	Resp:	395363
Ion Ratio	Lower	Upper	
107	100		
108	113.8	93.0	139.6
77	46.5	39.8	59.8
79	46.2	38.0	57.0

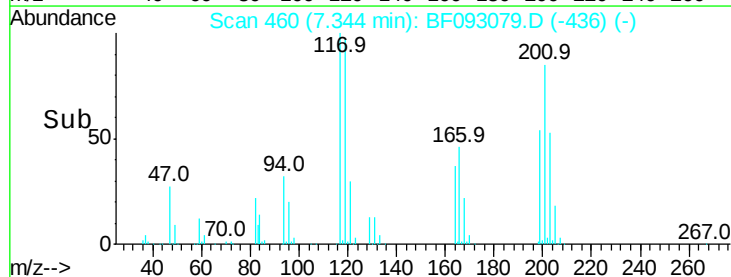
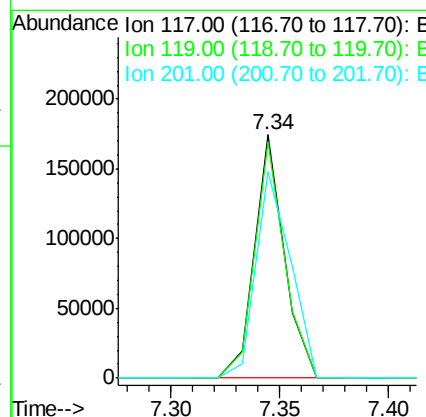
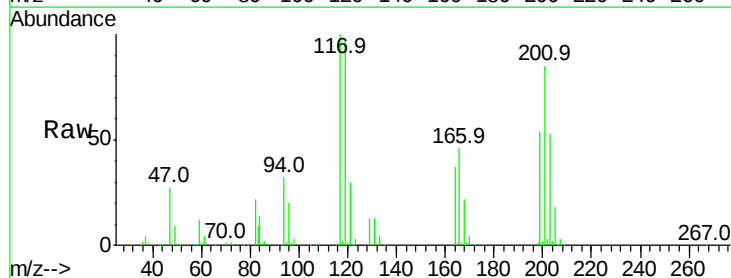
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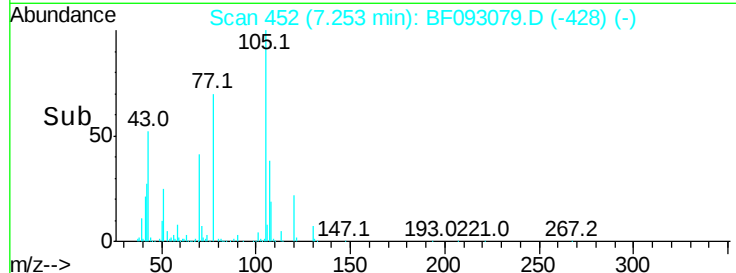
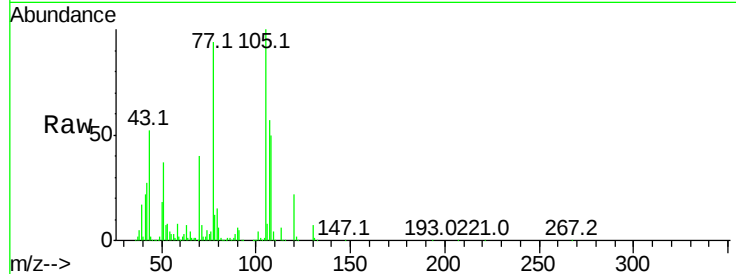
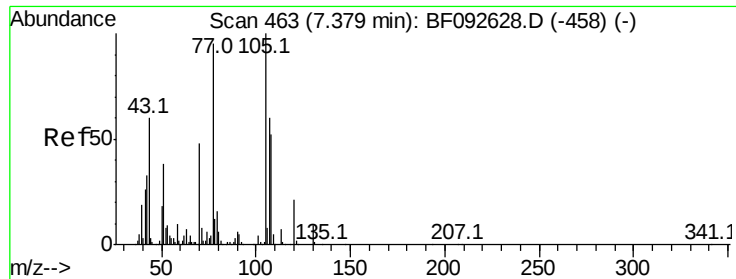
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#18
Hexachloroethane
Concen: 40.33 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion:	117	Resp:	165322
Ion Ratio	Lower	Upper	
117	100		
119	97.0	78.1	117.1
201	85.0	78.6	117.8





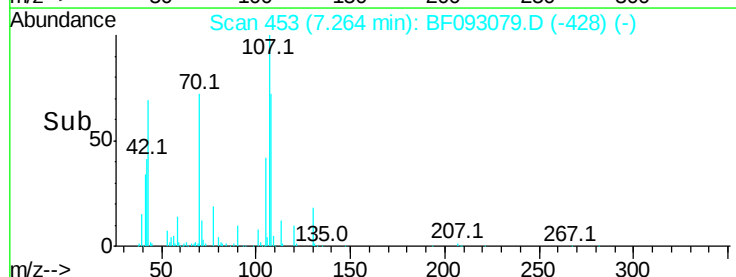
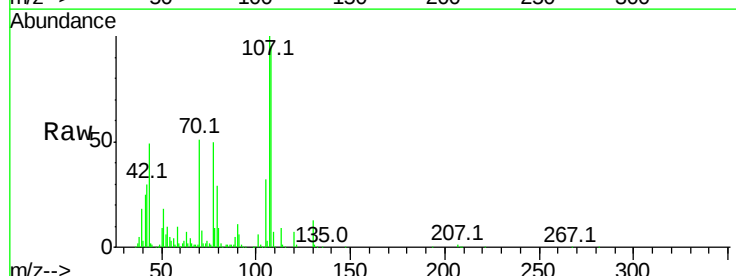
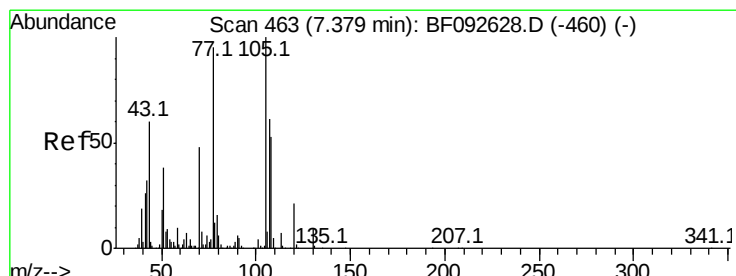
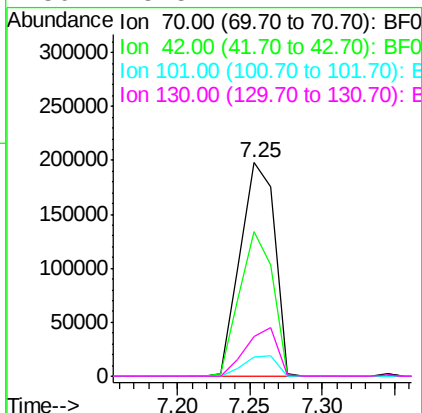
#19
n-Nitroso-di-n-propylamine
Concen: 43.42 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.0	49.4	74.0
101	8.9	7.4	11.2
130	18.5	14.2	21.4

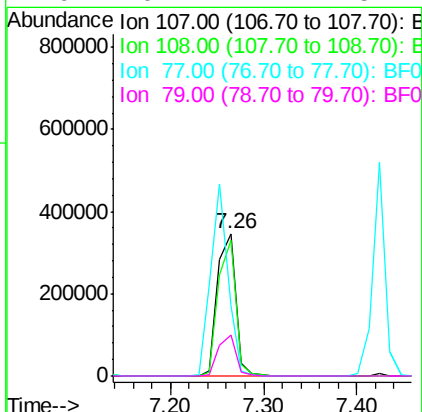
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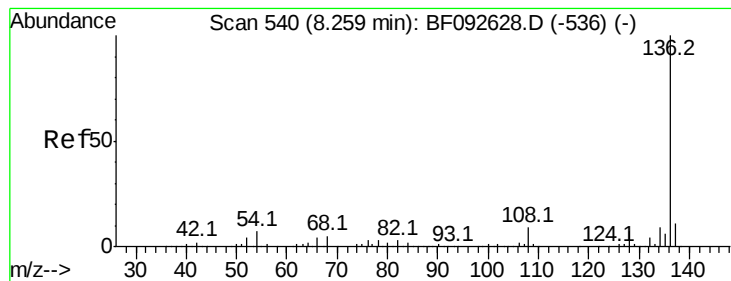
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#20
3+4-Methylphenols
Concen: 45.10 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.3	73.0	113.0
77	49.7	71.3	111.3
79	29.1	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

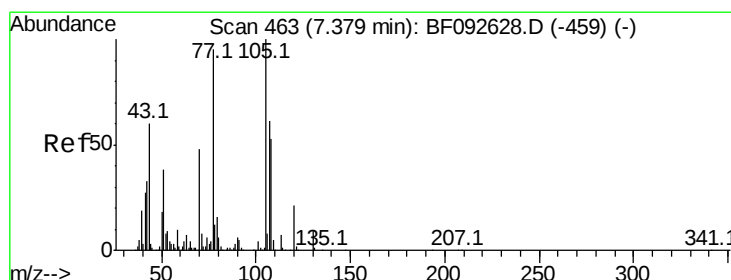
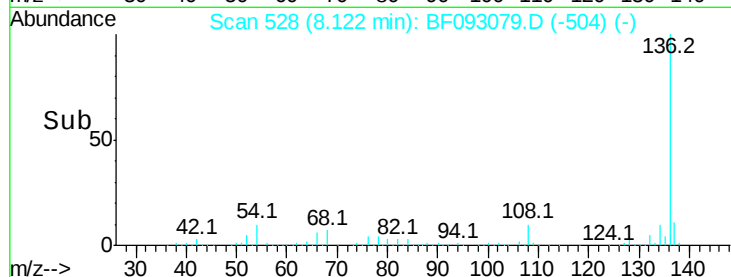
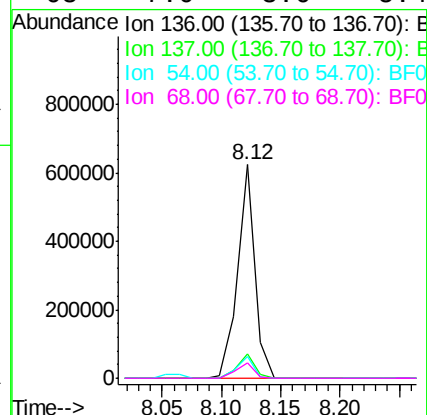
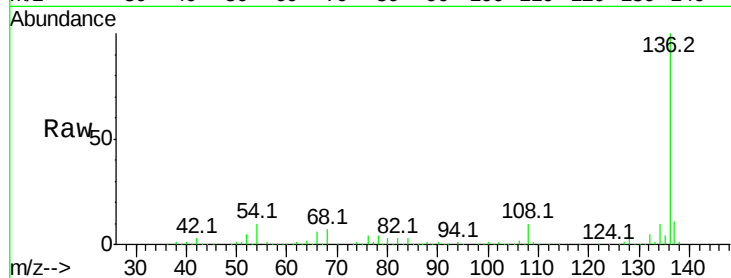
ClientSampleId :

PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.4	12.6	
54	10.2	4.5	6.7#	
68	7.0	3.6	5.4#	

Manual Integrations
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#22

Acetophenone

Concen: 42.37 ng

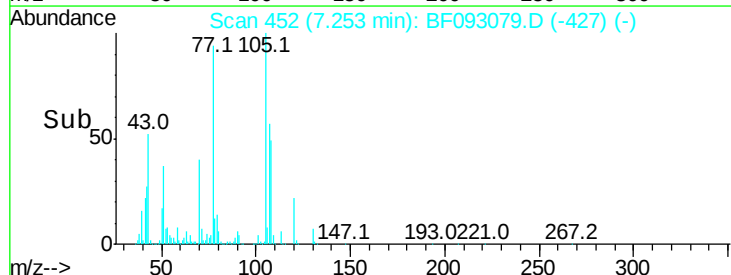
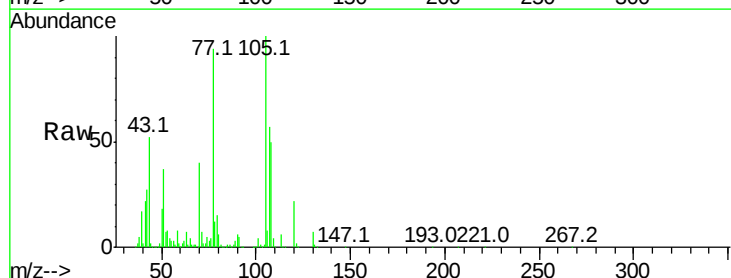
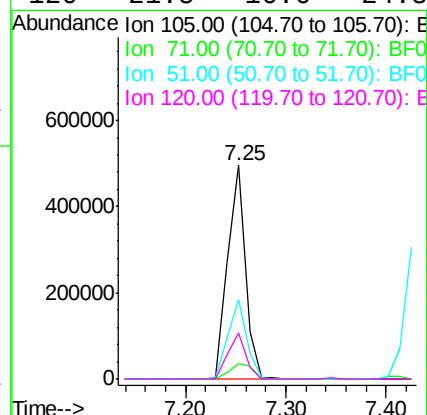
RT: 7.25 min Scan# 452

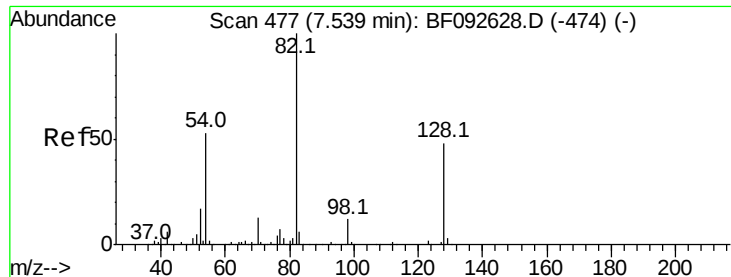
Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	3.2	4.8#	
51	37.3	26.2	39.4	
120	21.5	16.6	24.8	





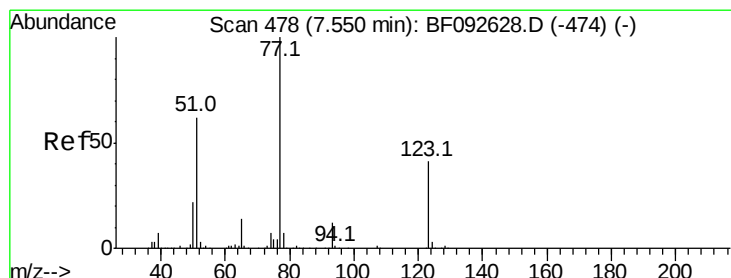
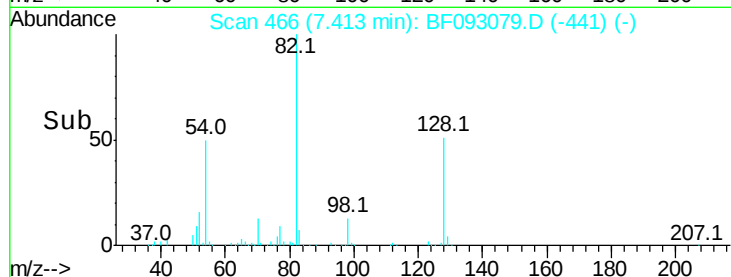
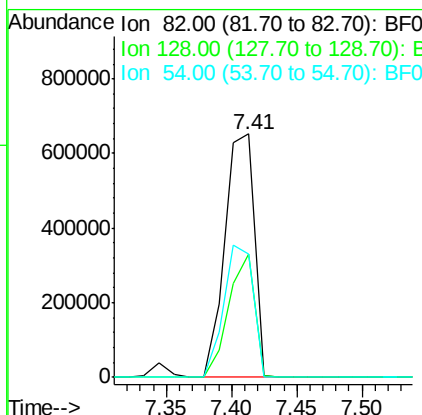
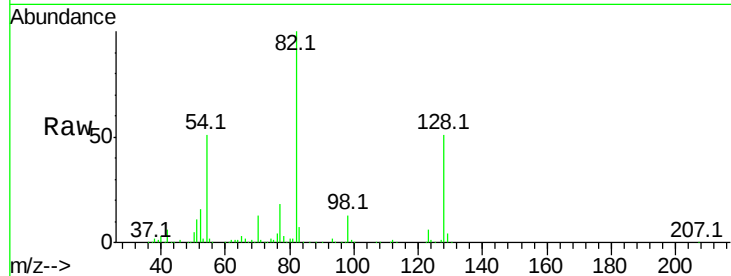
#23
Nitrobenzene-d5
Concen: 90.25 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.9	34.6	52.0
54	50.5	39.5	59.3

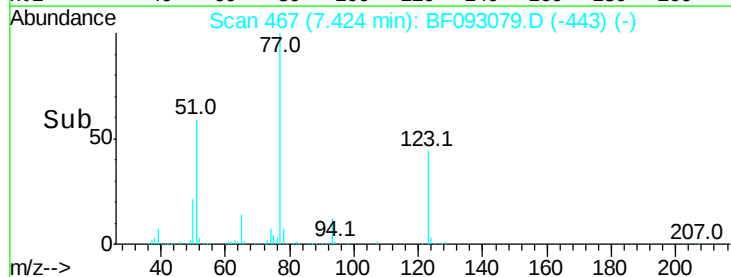
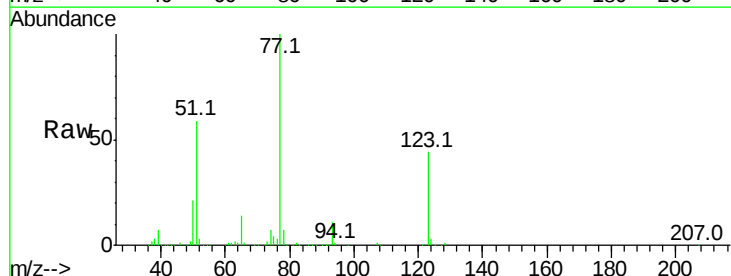
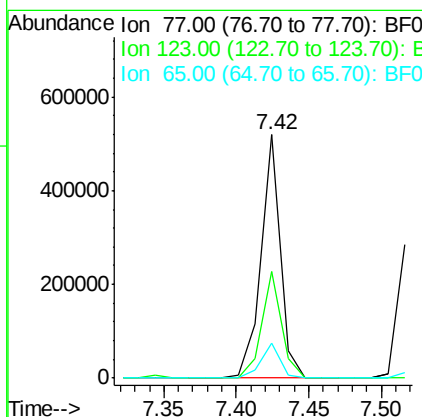
Manual Integrations
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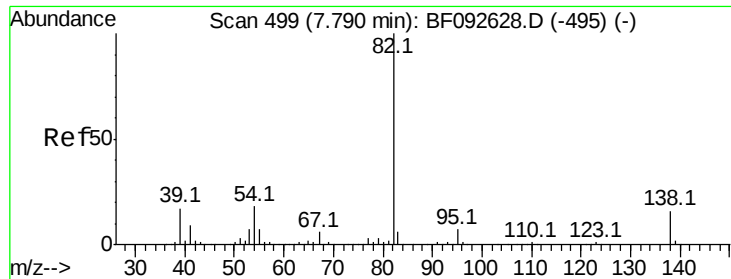
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#24
Nitrobenzene
Concen: 41.45 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.0	49.4
65	14.3	11.2	16.8





#25

Isophorone

Concen: 43.46 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

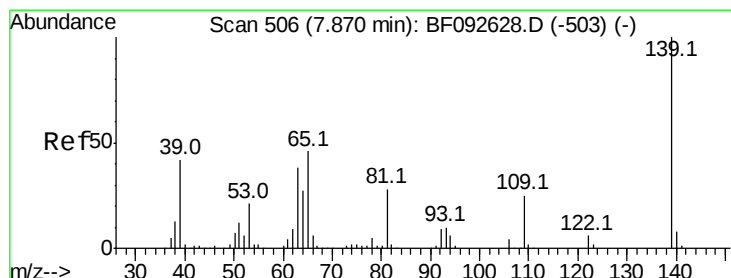
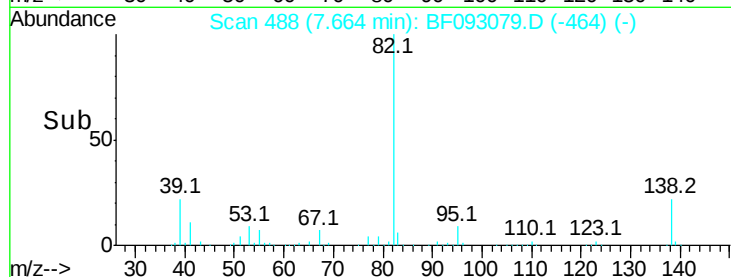
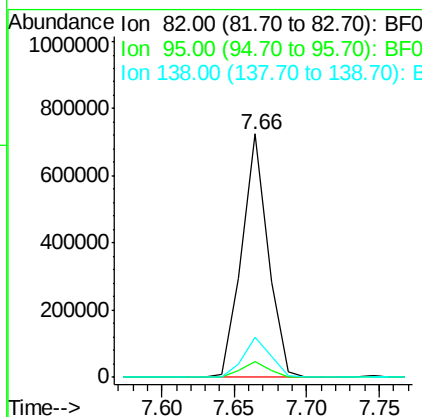
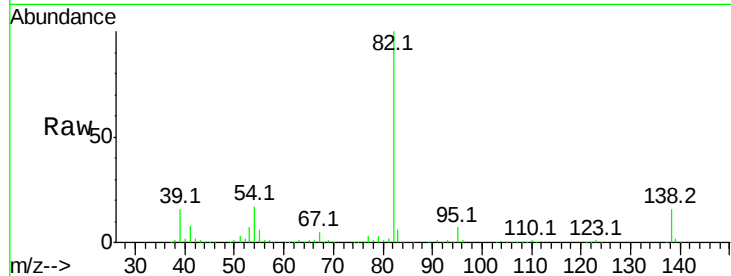
ClientSampleId :

PB97097BS

Tot Ion:	82	Resp:	915488
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.6	8.4
138	16.2	14.6	22.0

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#26

2-Nitrophenol

Concen: 48.79 ng

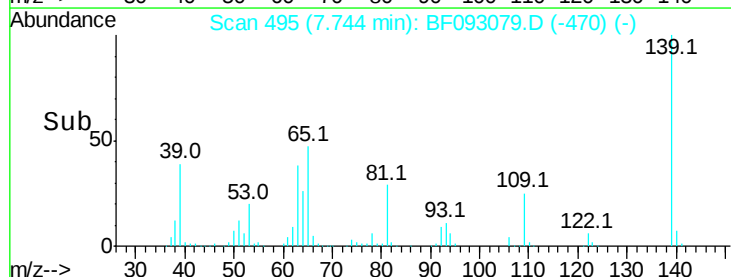
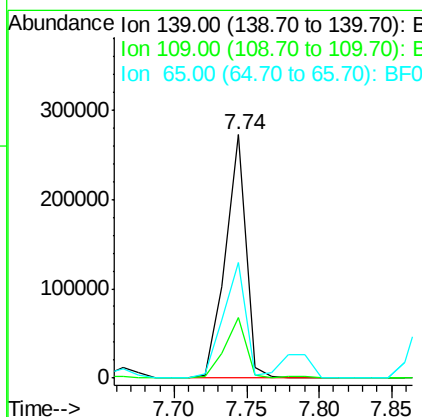
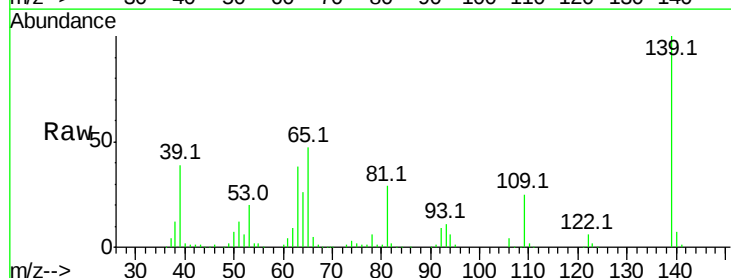
RT: 7.74 min Scan# 495

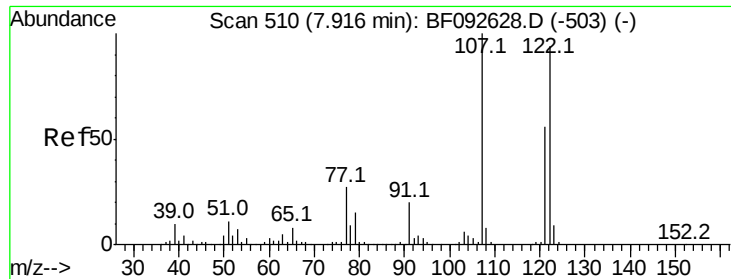
Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Tgt Ion:	139	Resp:	269179
Ion Ratio	Lower	Upper	
139	100		
109	24.9	23.3	34.9
65	47.5	42.7	64.1





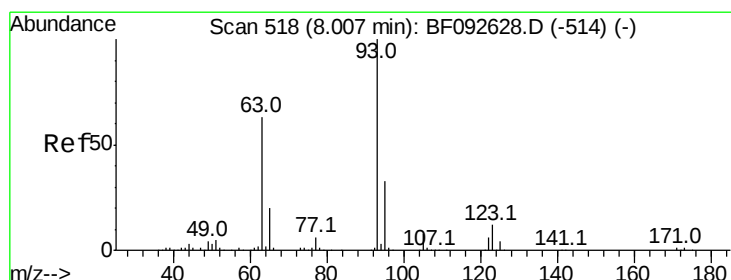
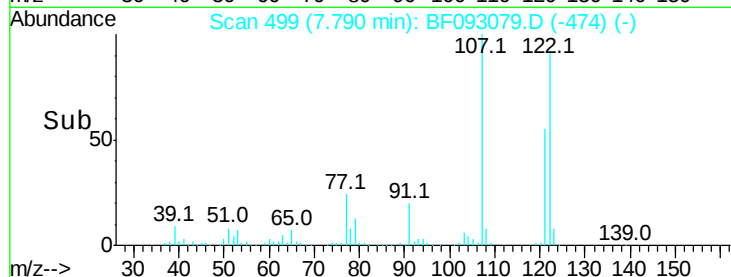
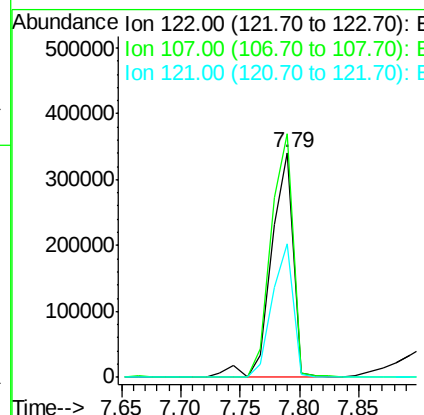
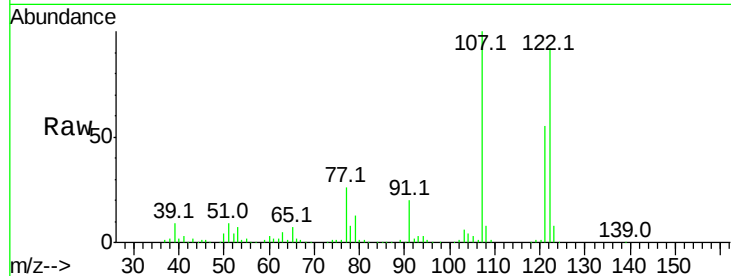
#27
2,4-Dimethylphenol
Concen: 45.57 ng
RT: 7.79 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	441532		
107	108.2	94.1	141.1	
121	59.1	46.0	69.0	

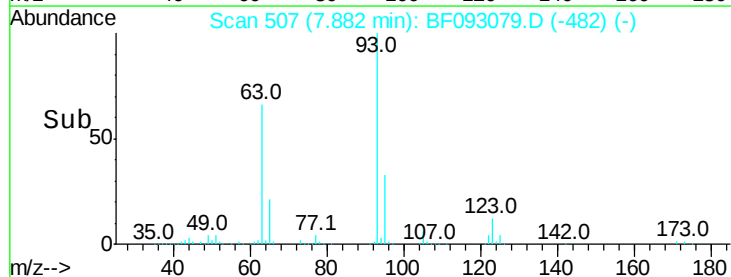
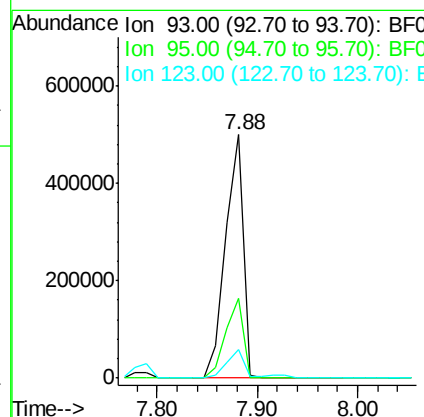
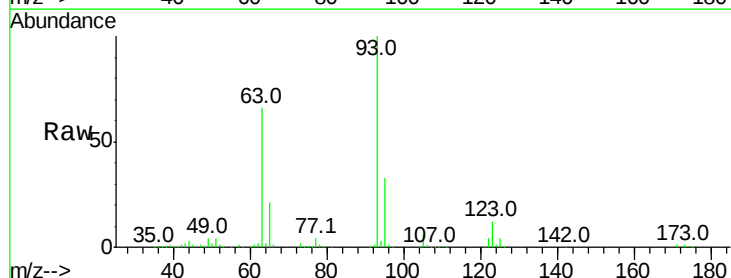
Manual Integrations
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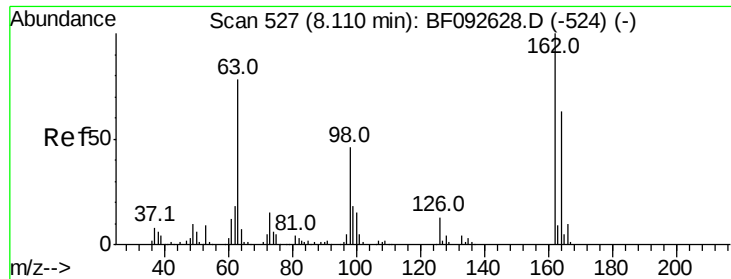
mohammad
2/23/2017 1:16:03 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.03 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	614257		
95	32.8	26.5	39.7	
123	11.6	8.6	13.0	





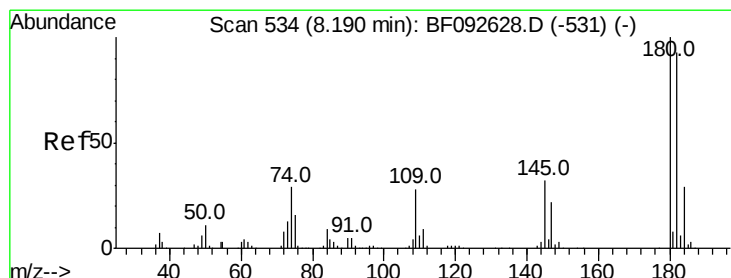
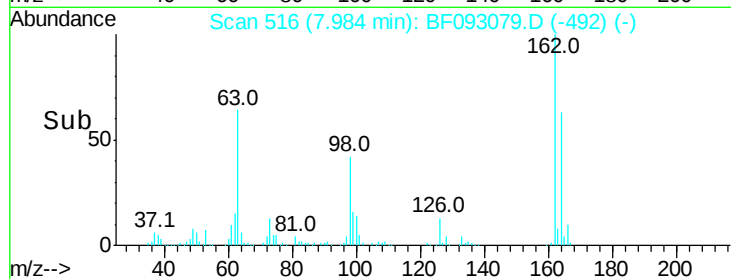
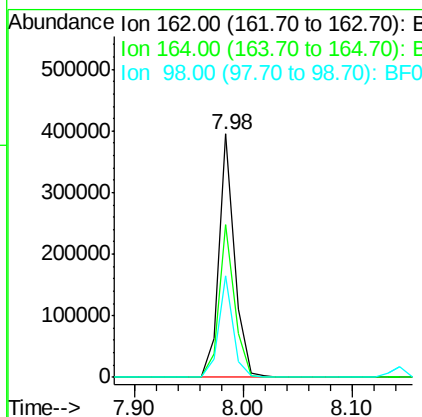
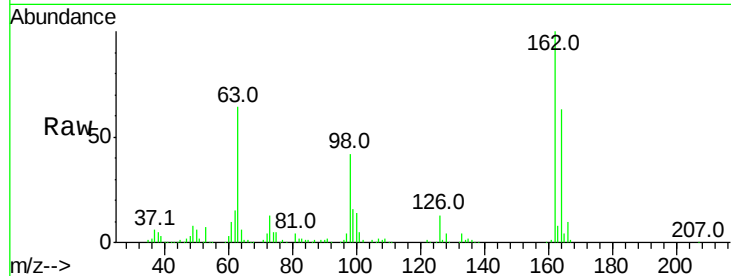
#29
2,4-Dichlorophenol
Concen: 44.07 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleID :
PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	398225		
164	62.7	46.8	86.8	
98	41.6	9.1	49.1	

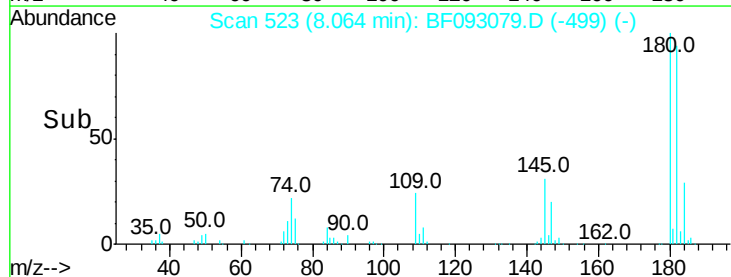
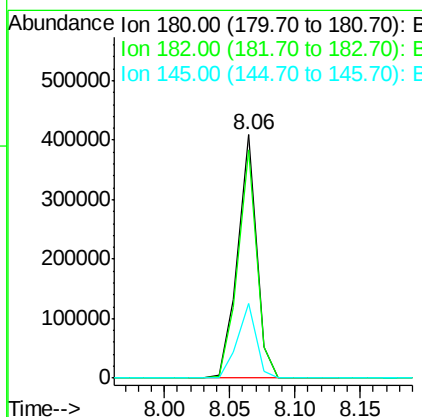
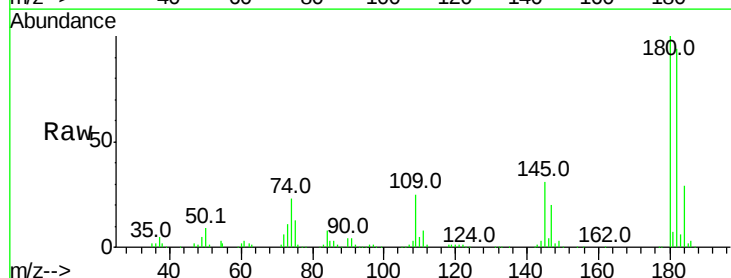
Manual Integrations
APPROVED

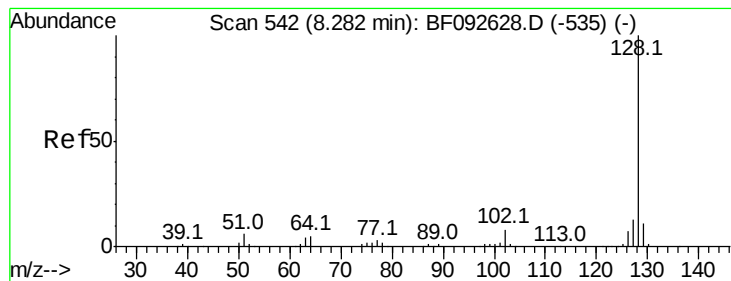
mohammad
2/23/2017 1:16:03 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.14 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	410375		
182	94.0	78.2	117.4	
145	30.7	21.6	32.4	





#31

Naphthalene

Concen: 40.43 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

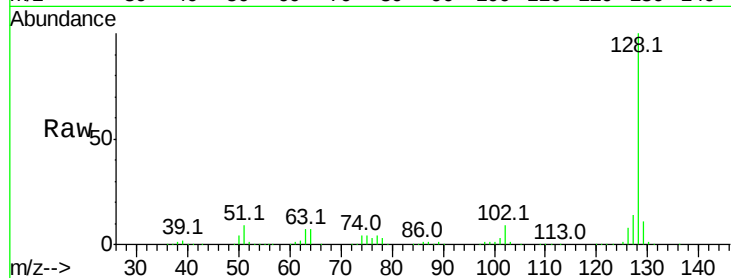
ClientSampleId :

PB97097BS

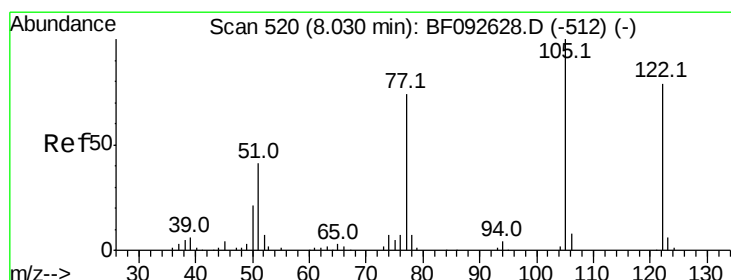
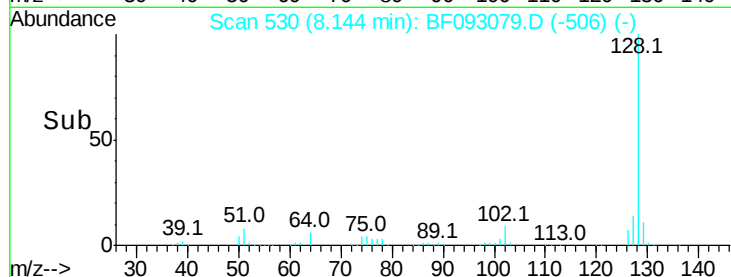
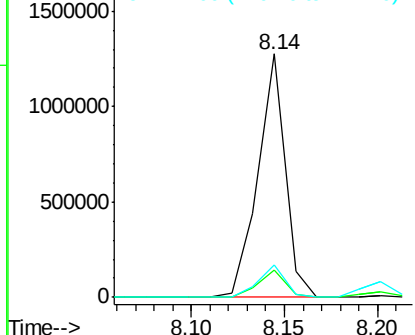
Tot Ion:	128	Resp:	1290174
Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.6	10.8	16.2

Manual Integrations
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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: 38.94 ng

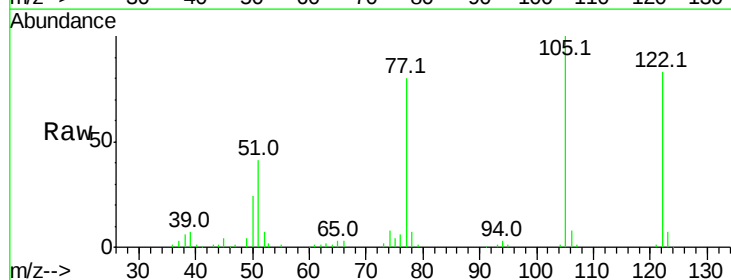
RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

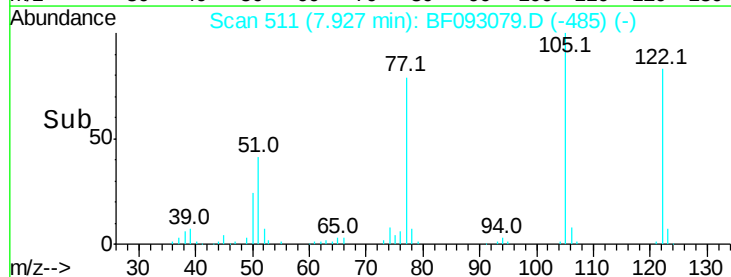
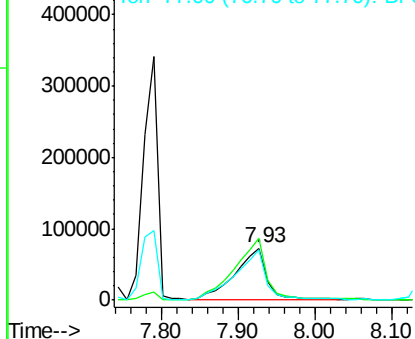
Lab File: BF093079.D

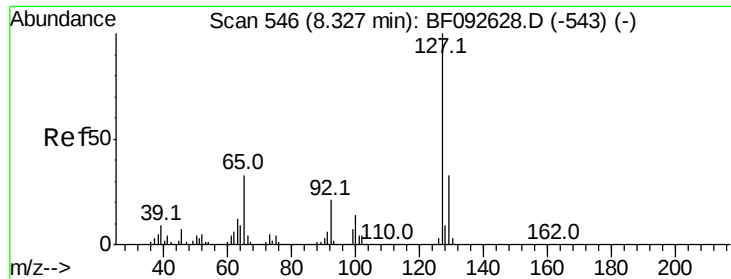
Acq: 22 Feb 2017 17:01

Tgt Ion:	122	Resp:	205040
Ion	Ratio	Lower	Upper
122	100		
105	120.4	107.2	147.2
77	96.5	74.5	114.5



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





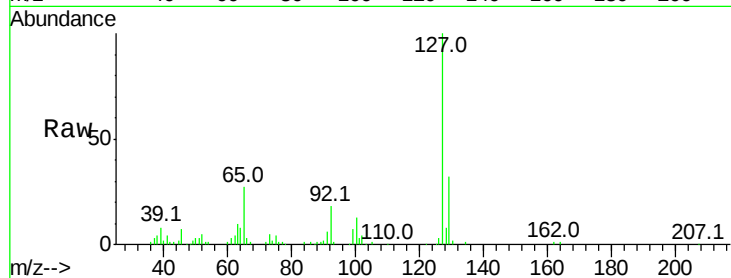
#33
4-Chloroaniline
Concen: 9.33 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

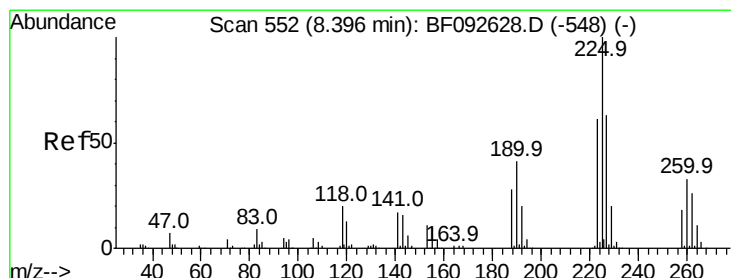
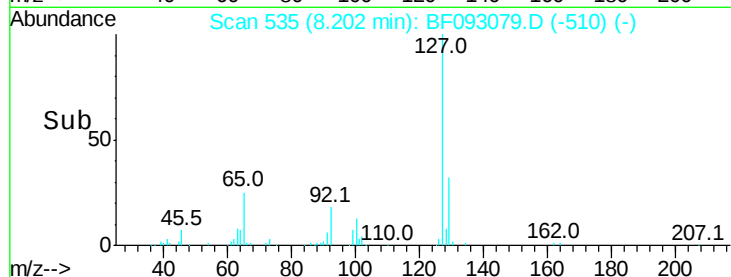
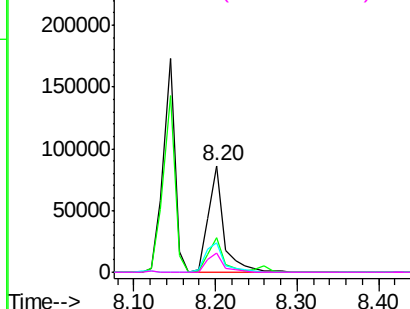
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	26.3	39.5	
65	27.5	25.8	38.8	
92	17.9	16.1	24.1	

Manual Integrations
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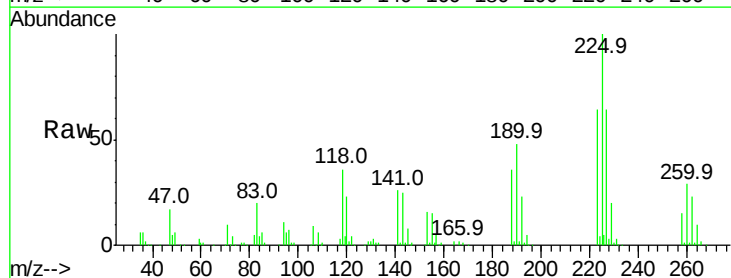


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

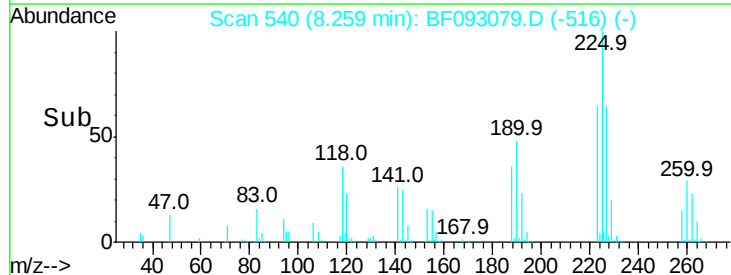
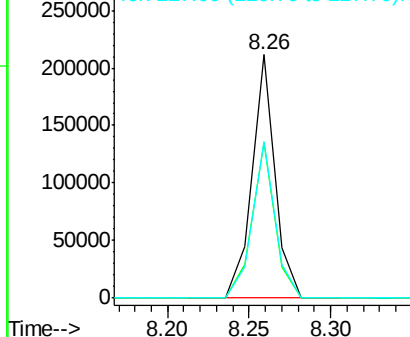


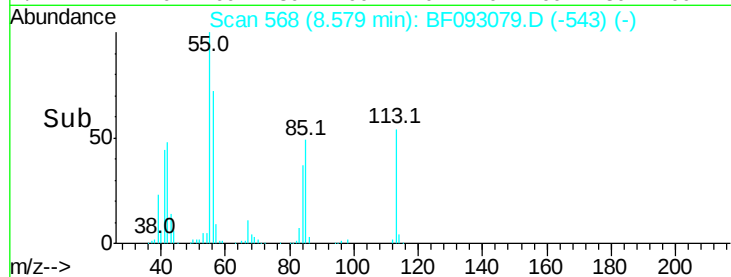
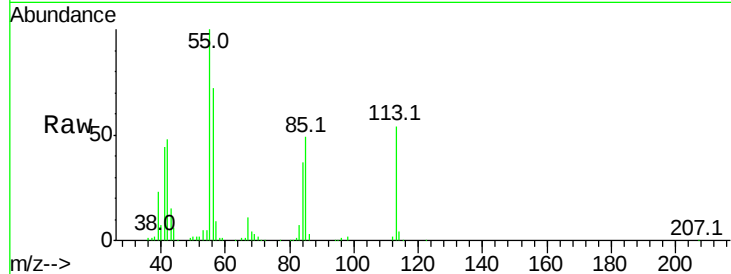
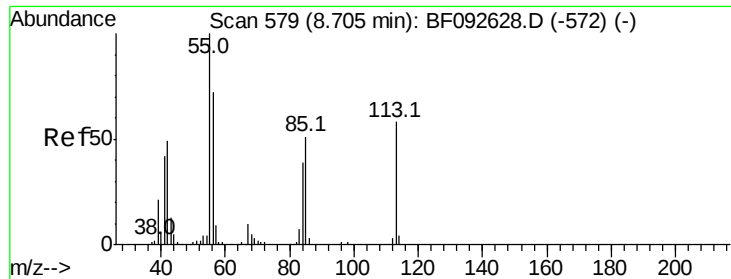
#34
Hexachlorobutadiene
Concen: 38.63 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	51.0	76.6	
227	64.3	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





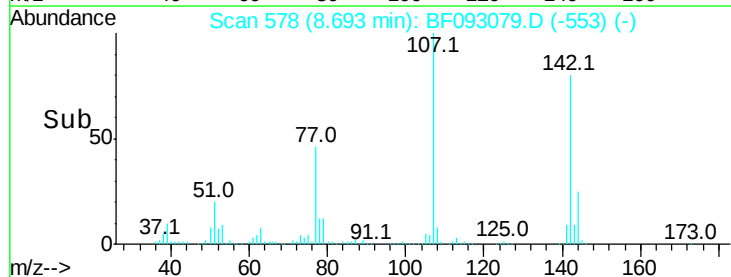
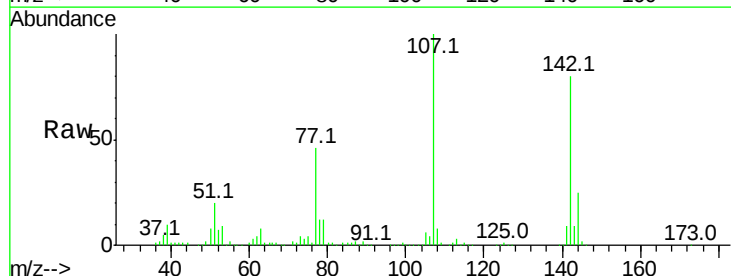
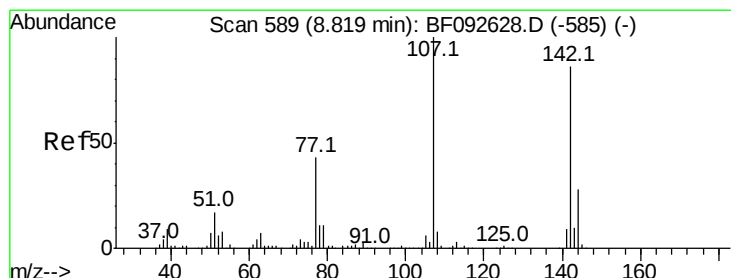
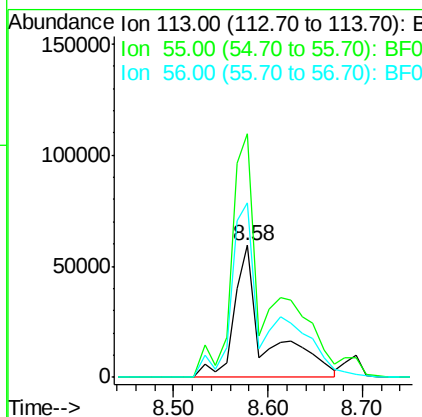
#35
Caprolactam
Concen: 48.82 ng/ml
RT: 8.58 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tot Ion	Ratio	Lower	Upper
113	100		
55	184.3	119.2	159.2#
56	132.2	83.8	123.8#

Instrument :
BNA_F
ClientSampleId :
PB97097BS

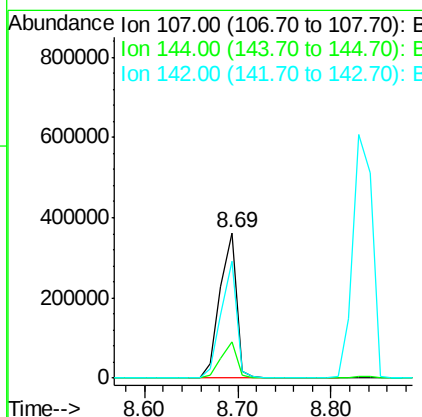
Manual Integrations
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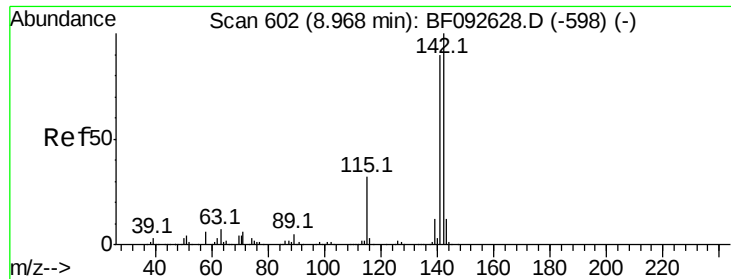
mohammad
2/23/2017 1:16:03 PM



#36
4-Chloro-3-methylphenol
Concen: 47.49 ng/ml
RT: 8.69 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	19.3	28.9
142	80.4	59.0	88.6





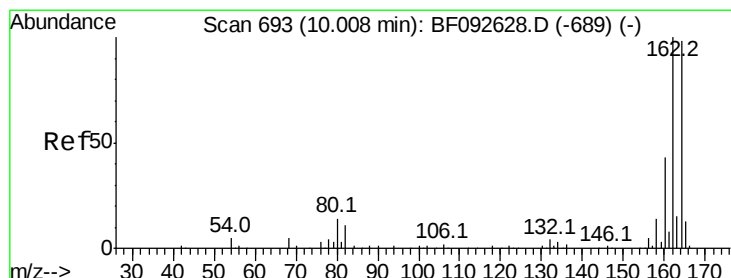
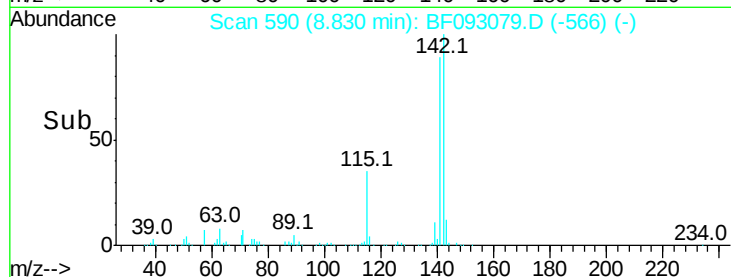
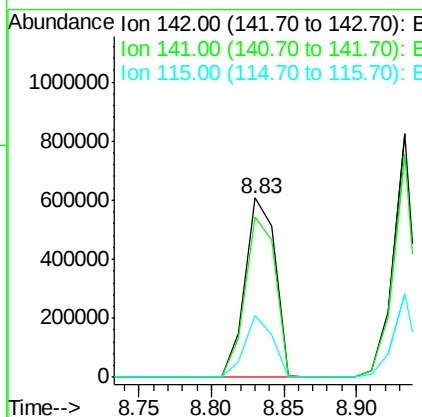
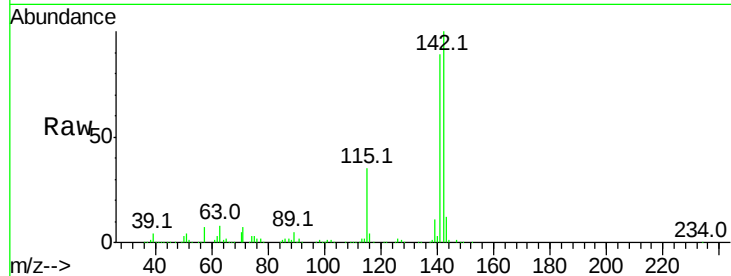
#37
2-Methylnaphthalene
Concen: 42.78 ng
RT: 8.83 min Scan# 590
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampled :
PB97097BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.0	106.6
115	34.5	28.3	42.5

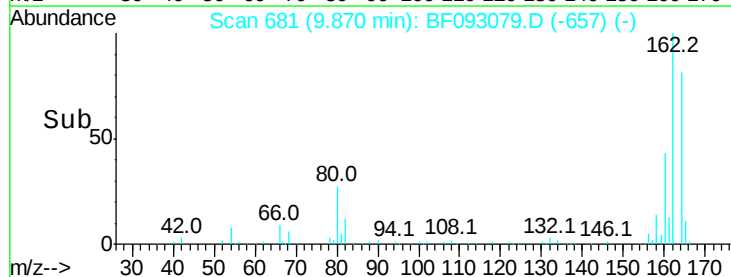
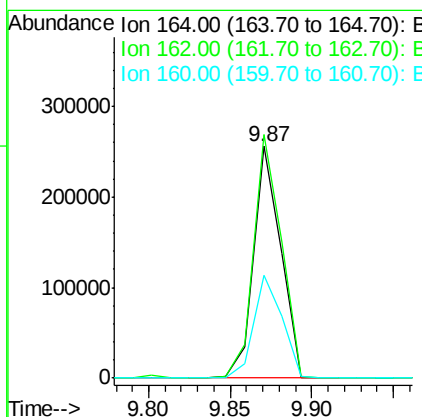
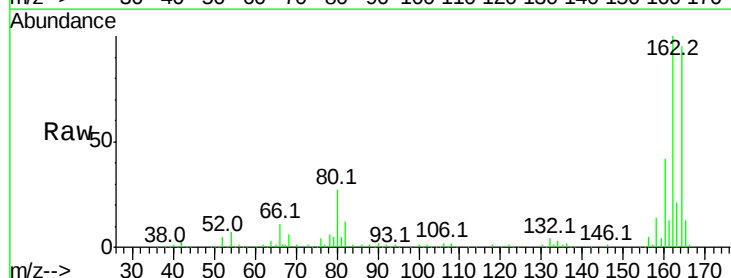
Manual Integrations
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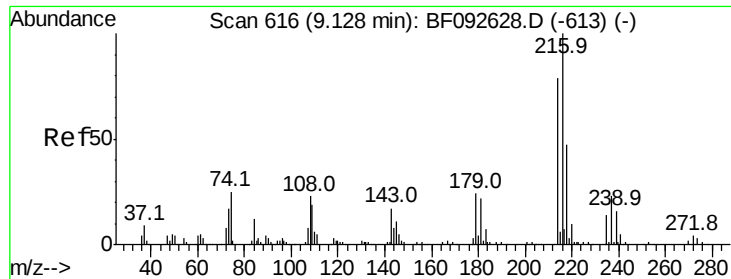
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	80.2	120.2
160	44.4	36.9	55.3





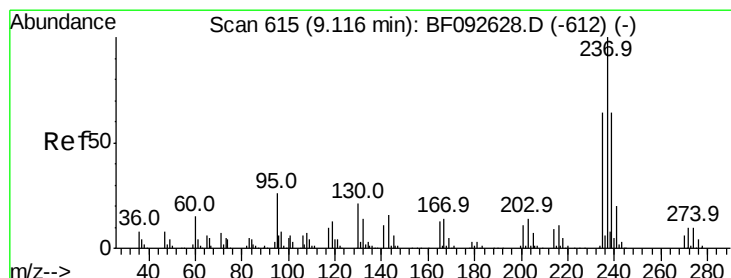
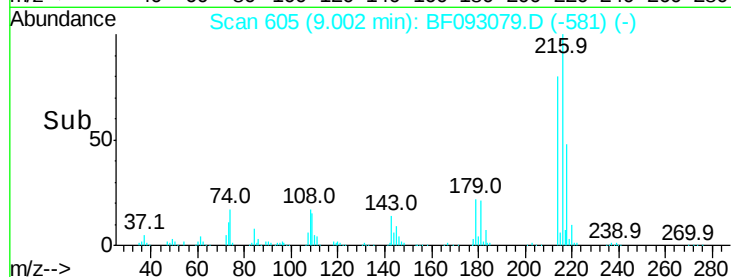
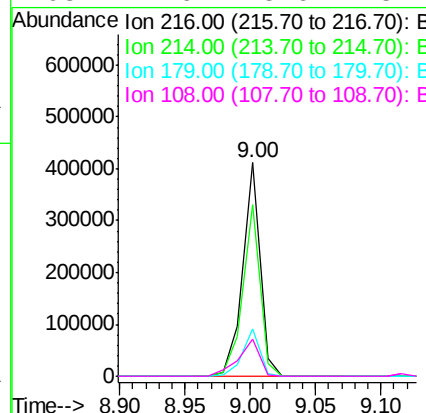
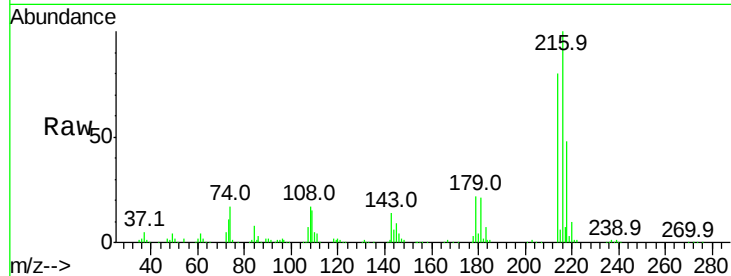
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.57 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	378220		
214	79.5	63.4	95.0	
179	22.1	17.4	26.2	
108	21.6	15.6	23.4	

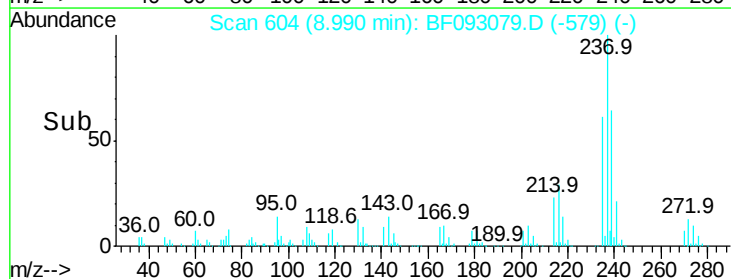
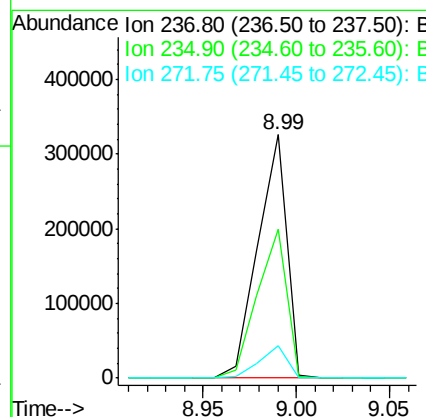
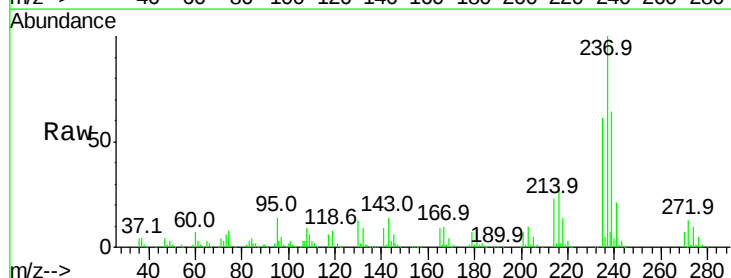
Manual Integrations
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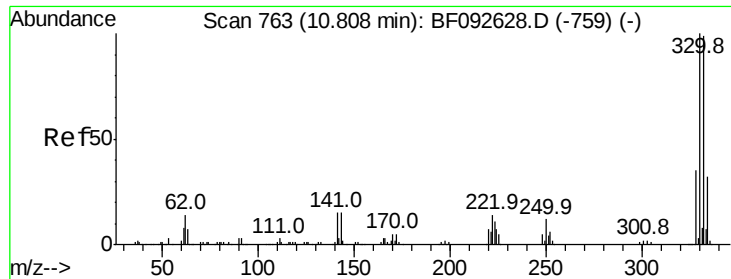
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 94.39 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	353484		
235	61.4	41.2	81.2	
272	13.4	0.0	35.4	





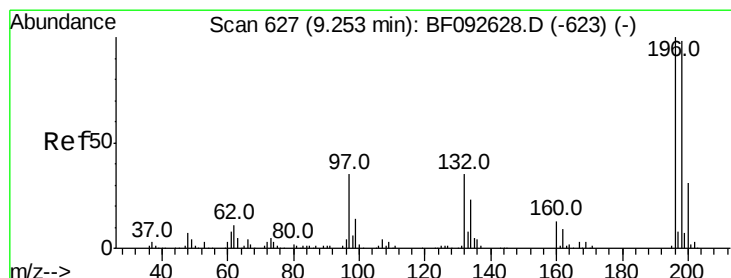
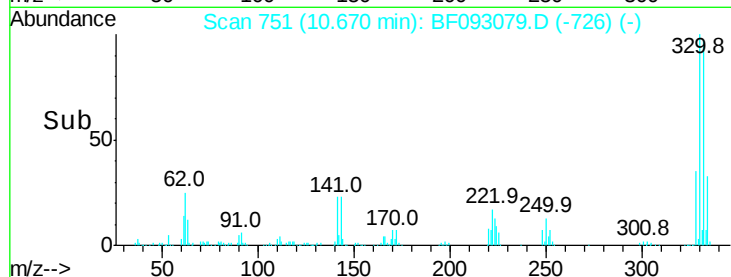
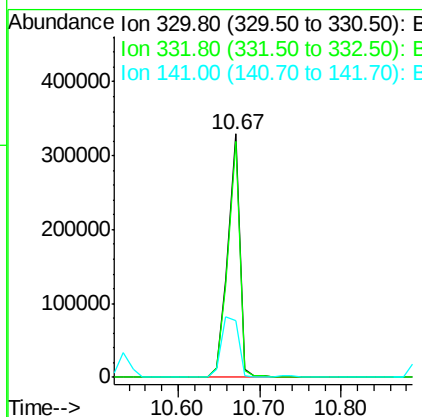
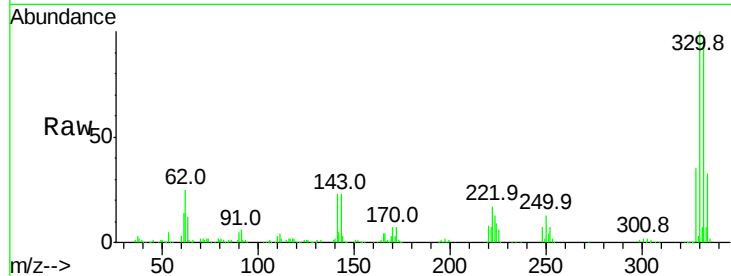
#41
 2,4,6-Tribromophenol
 Concen: 158.53 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.6	77.4	116.2	
141	35.2	34.1	51.1	

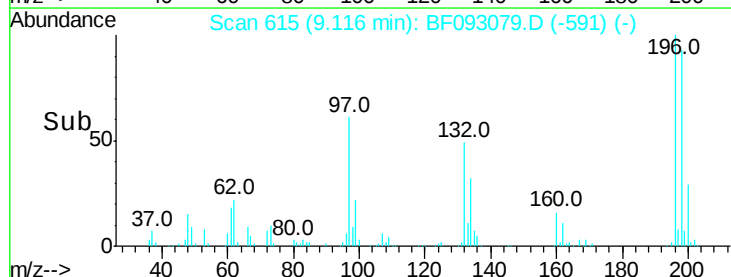
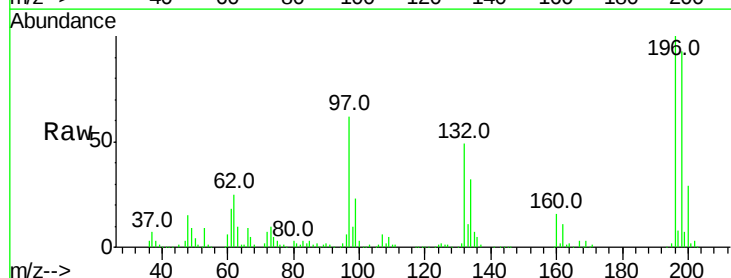
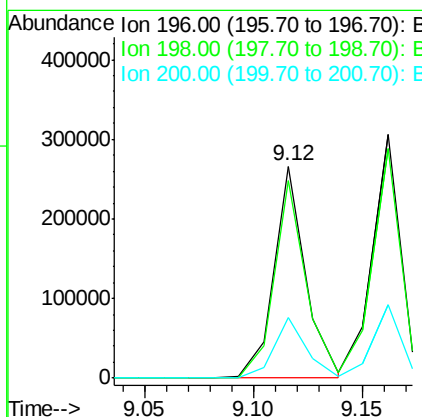
Manual Integrations
 APPROVED

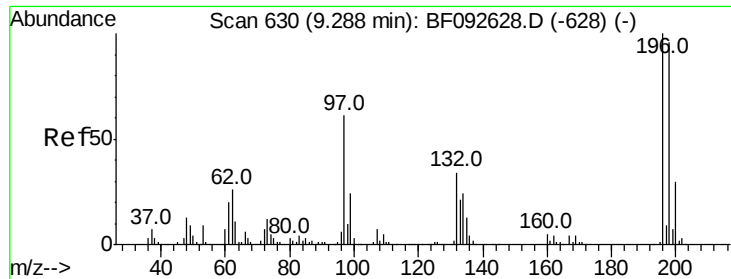
mohammad
 2/23/2017 1:16:03 PM



#42
 2,4,6-Trichlorophenol
 Concen: 49.66 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	93.1	82.1	123.1	
200	28.8	27.0	40.4	





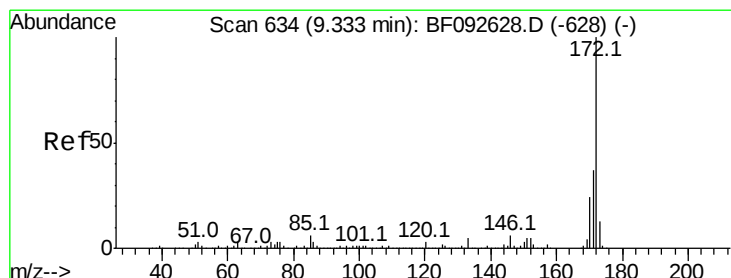
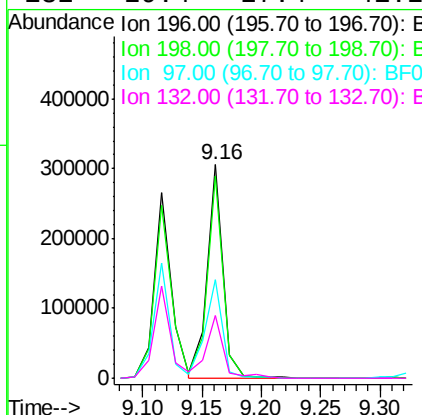
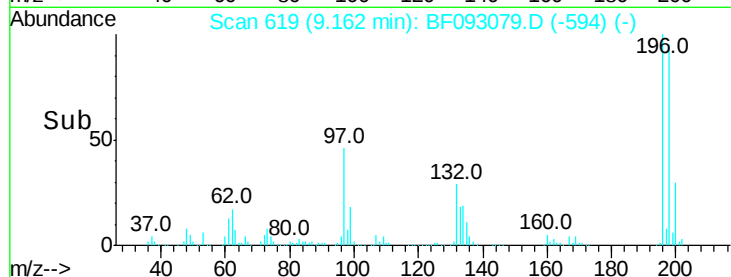
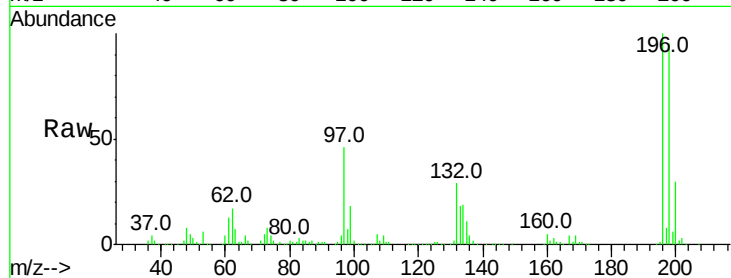
#43
 2,4,5-Trichlorophenol
 Concen: 47.30 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	282646		
198	94.5	79.4	119.2	
97	46.3	51.5	77.3#	
132	29.4	27.4	41.2	

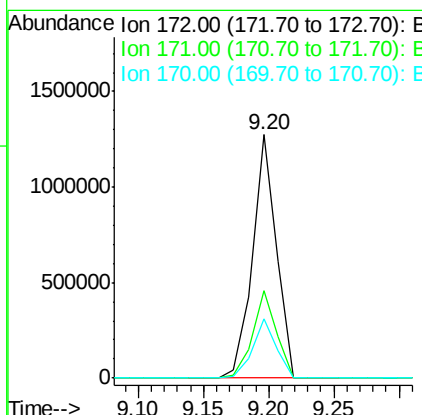
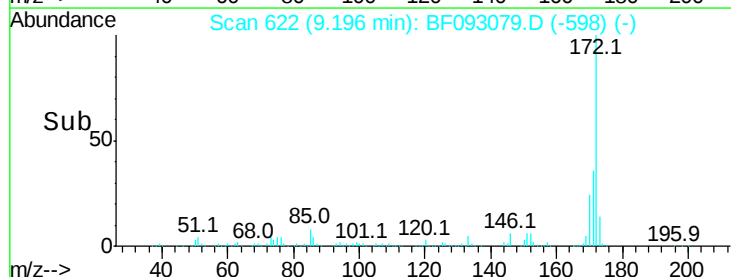
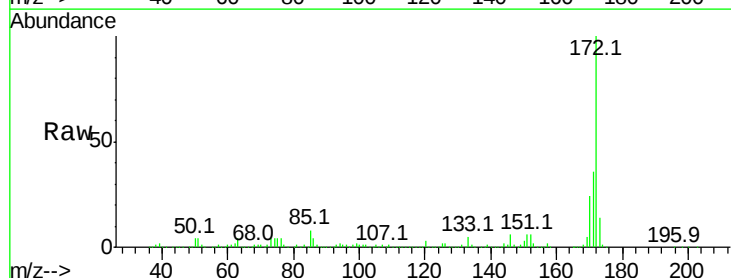
Manual Integrations
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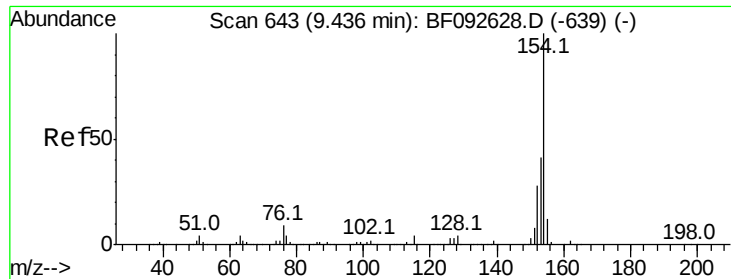
mohammad
 2/23/2017 1:16:03 PM



#44
 2-Fluorobiphenyl
 Concen: 99.34 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1621475		
171	35.8	29.4	44.0	
170	24.2	20.2	30.4	





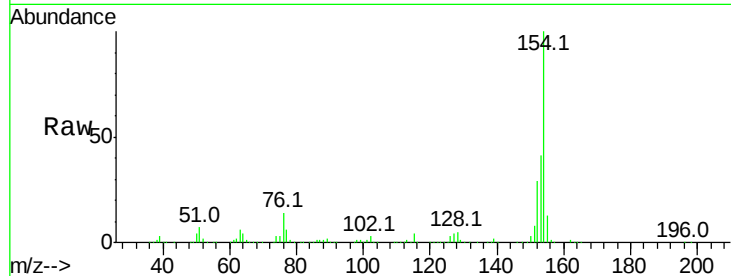
#45
 1,1'-Biphenyl
 Concen: 48.84 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.9	60.9
76	14.0	0.0	30.5

Manual Integrations
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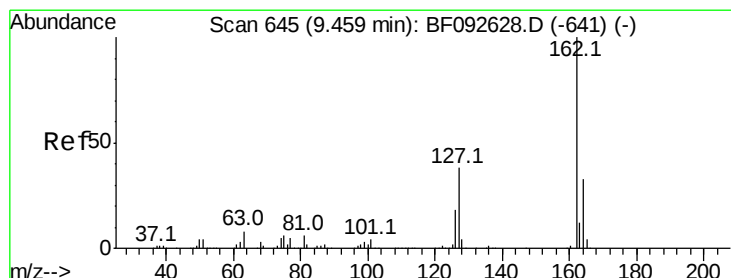
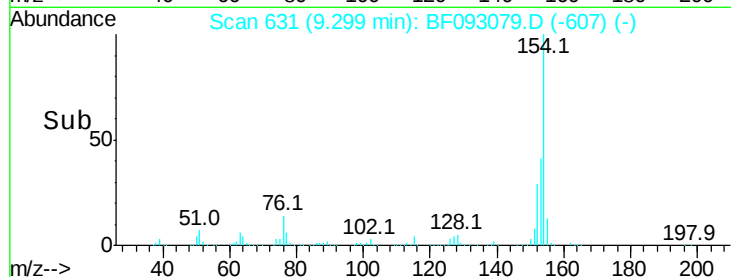
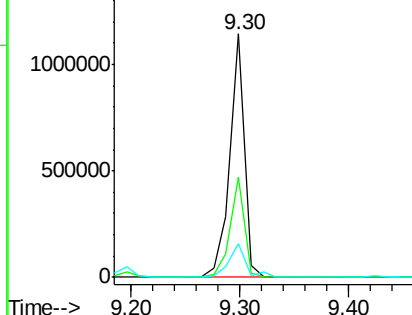


Abundance

Ion 154.00 (153.70 to 154.70): E

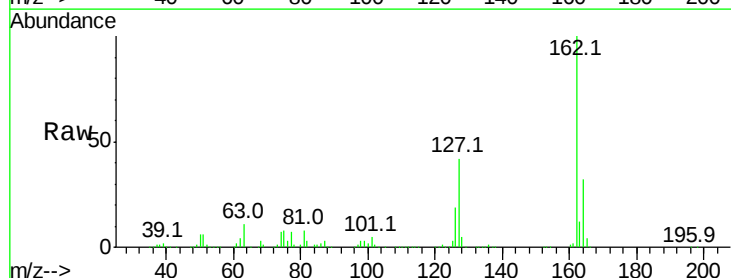
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 47.85 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	30.7	46.1
164	32.5	27.6	41.4

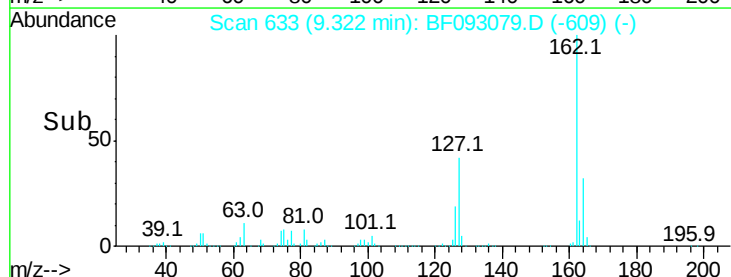
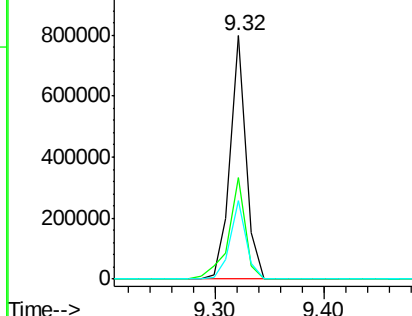


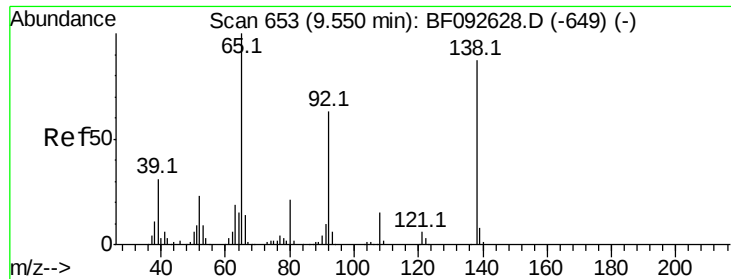
Abundance

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





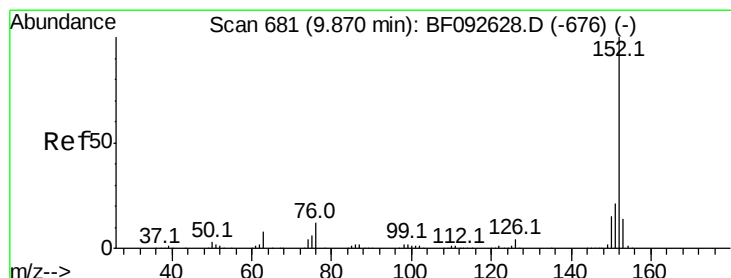
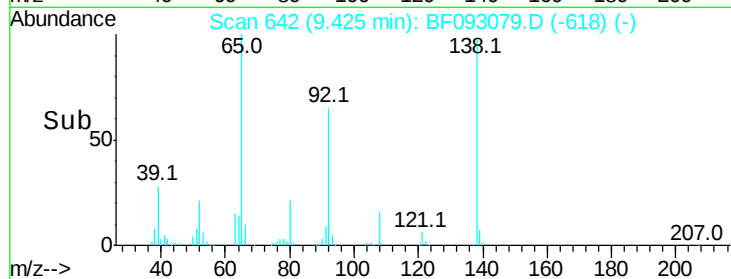
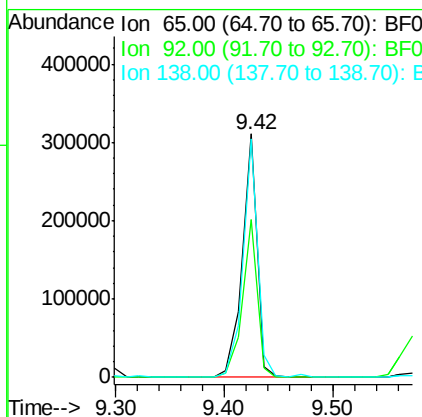
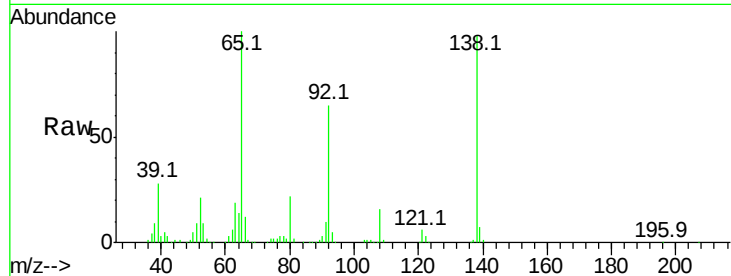
#47
2-Nitroaniline
Concen: 51.26 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.6	53.9	80.9
138	97.8	76.8	115.2

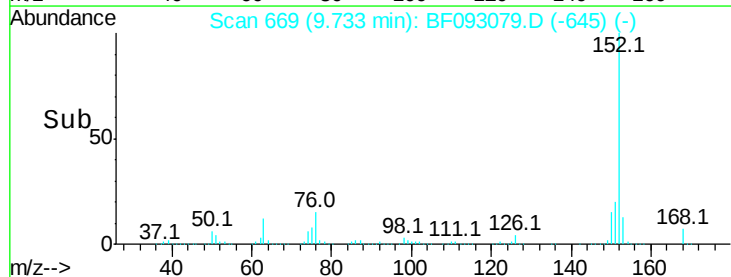
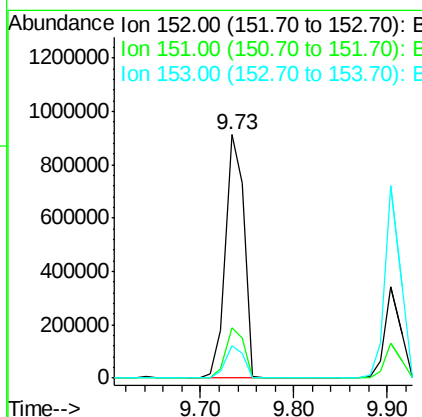
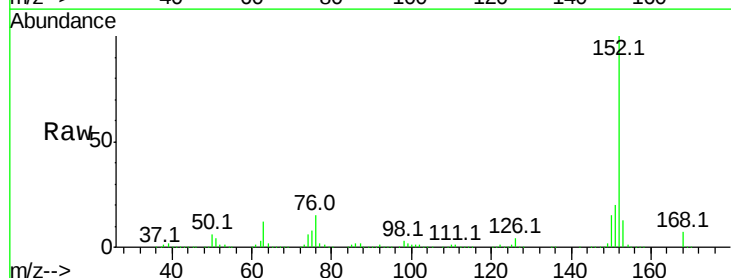
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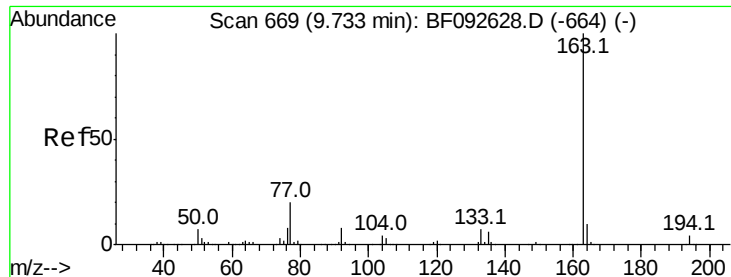
mohammad
2/23/2017 1:16:03 PM



#48
Acenaphthylene
Concen: 43.77 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.9	25.3
153	13.5	11.4	17.2





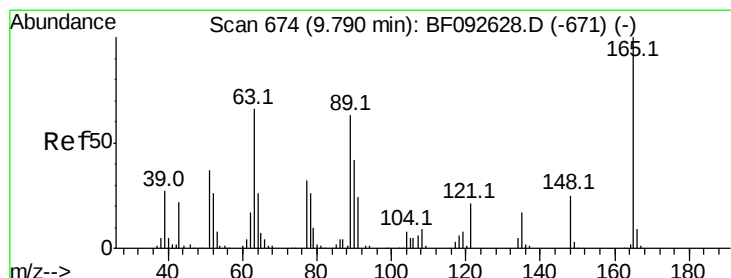
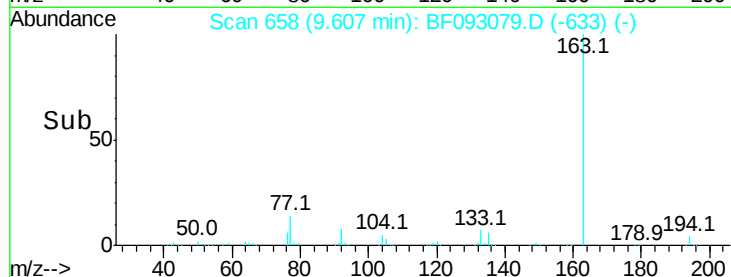
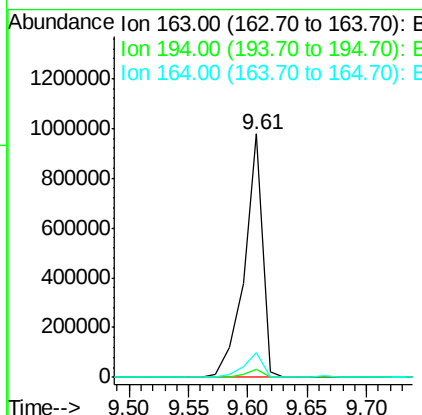
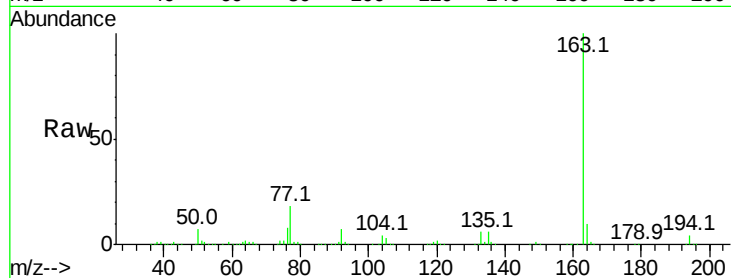
#49
Dimethylphthalate
Concen: 52.14 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.9	8.0	12.0

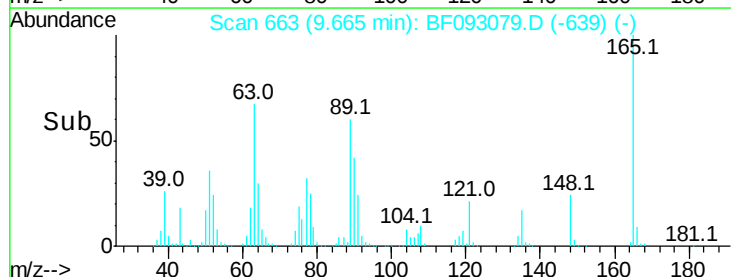
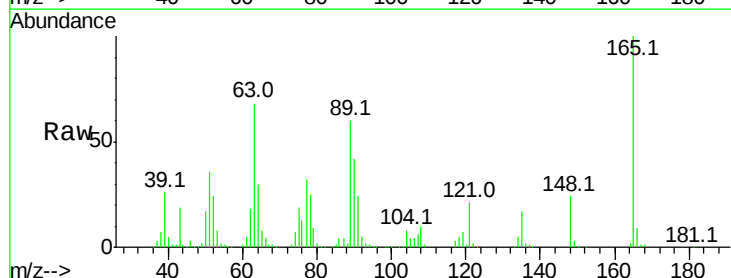
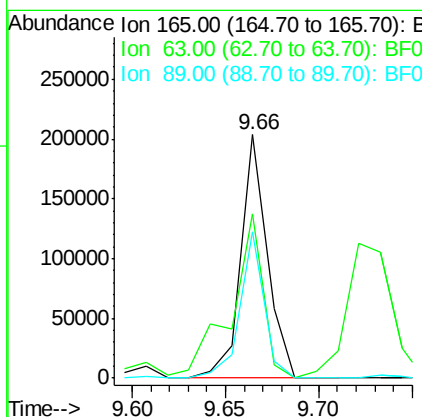
Manual Integrations
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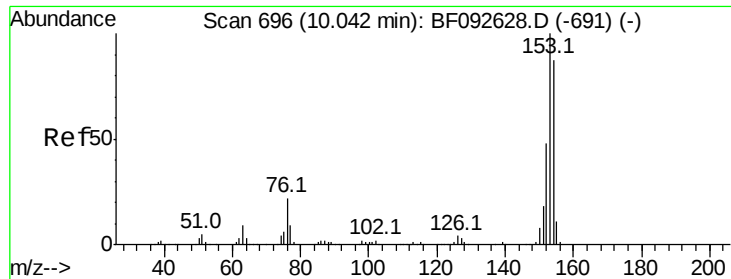
mohammad
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#50
2,6-Dinitrotoluene
Concen: 46.97 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	67.6	36.2	54.4#
89	60.4	40.2	60.4





#51

Acenaphthene

Concen: 43.60 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

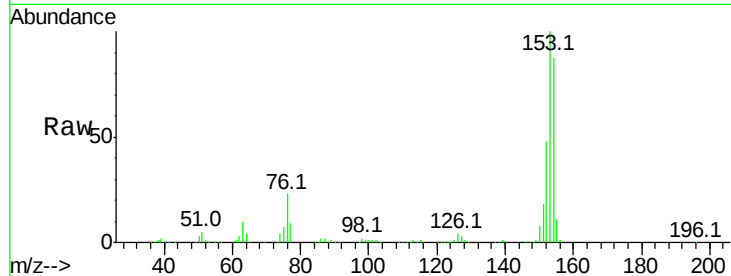
ClientSampleId :

PB97097BS

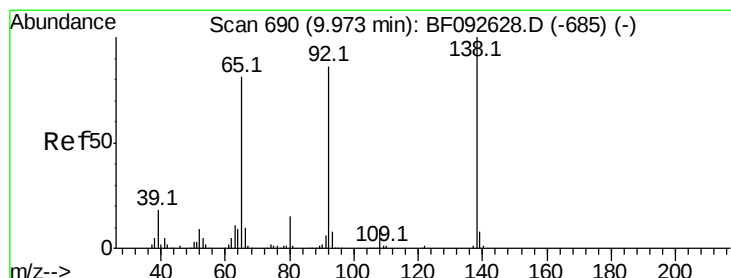
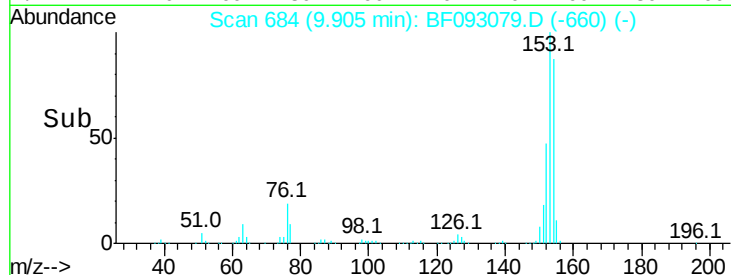
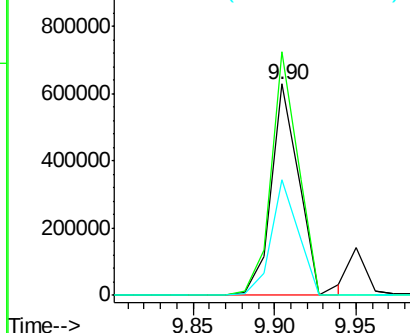
Tot Ion:154	Resp:	754238
Ion Ratio	Lower	Upper
154	100	
153	115.2	88.6 133.0
152	54.8	41.6 62.4

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



#52

3-Nitroaniline

Concen: 19.29 ng

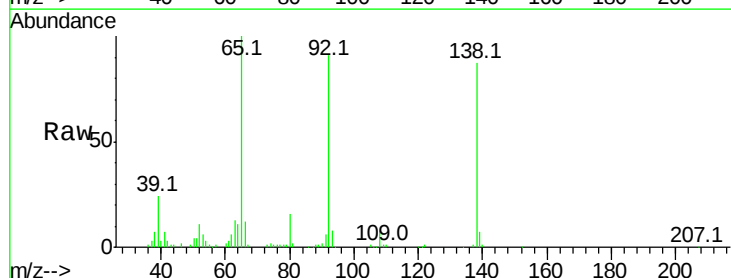
RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

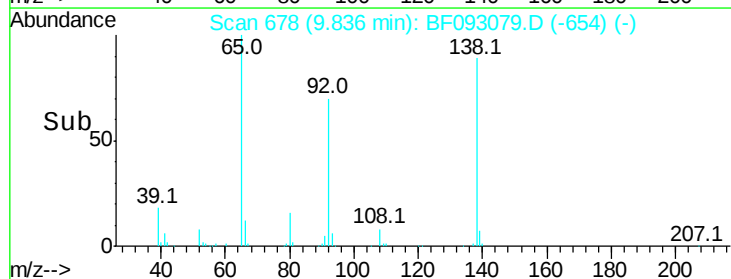
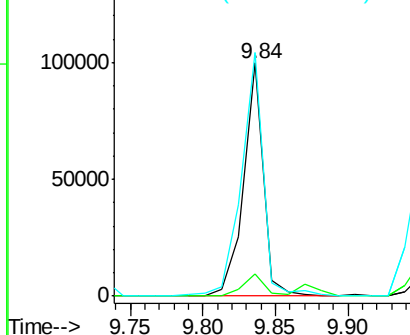
Lab File: BF093079.D

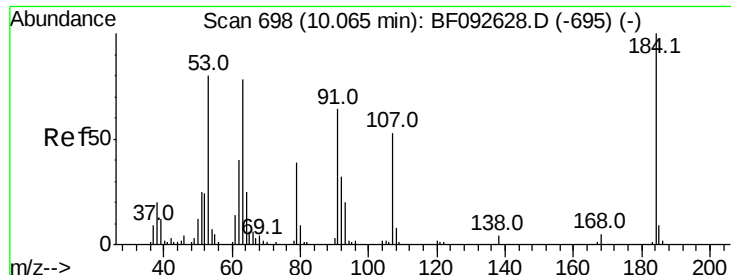
Acq: 22 Feb 2017 17:01

Tgt Ion:138	Resp:	94959
Ion Ratio	Lower	Upper
138	100	
108	9.4	8.5 12.7
92	104.3	97.8 146.8



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





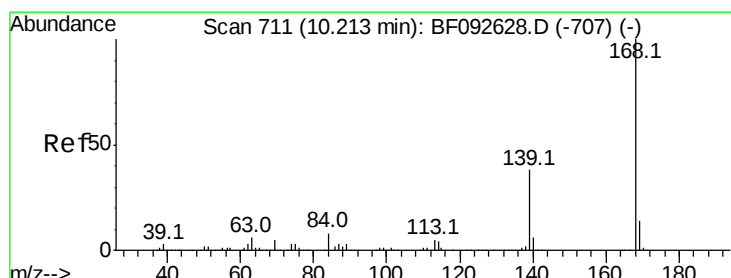
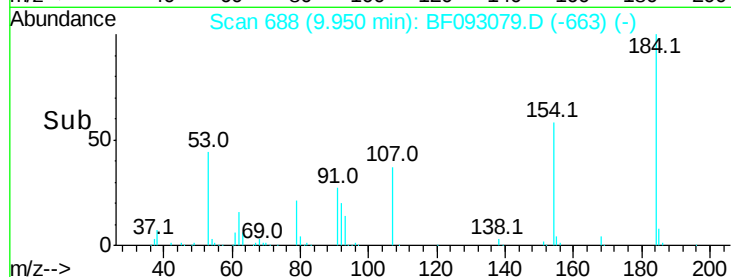
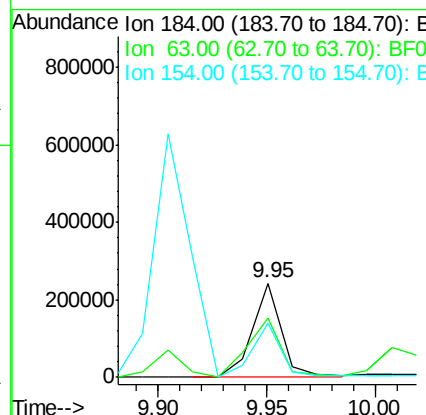
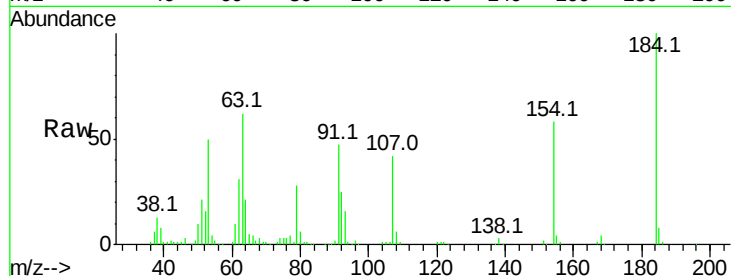
#53
 2,4-Dinitrophenol
 Concen: 102.01 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	226239		
63	62.4	28.4	42.6#	
154	58.2	44.3	66.5	

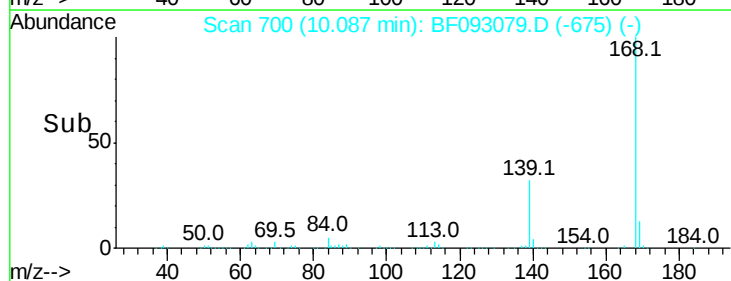
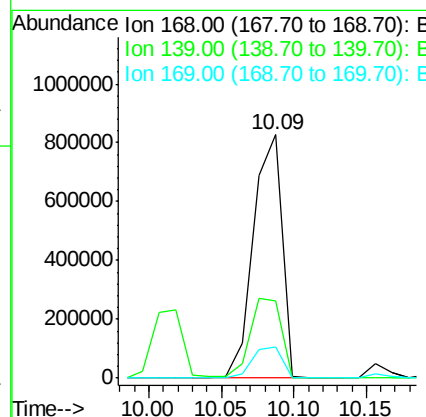
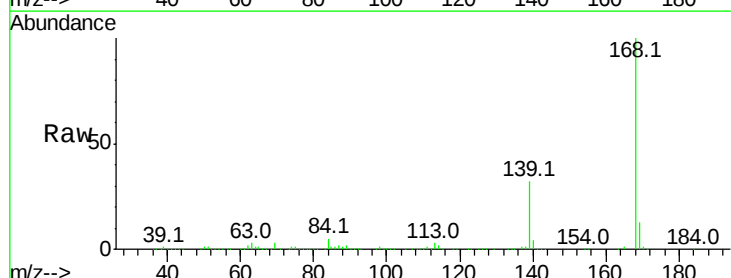
Manual Integrations
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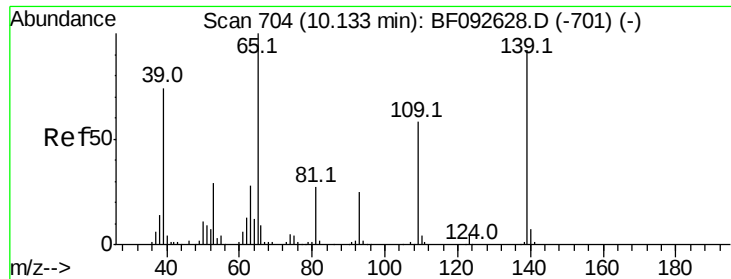
mohammad
 2/23/2017 1:16:03 PM



#54
 Dibenzofuran
 Concen: 48.86 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1130584		
139	31.6	32.6	49.0#	
169	13.0	11.3	16.9	





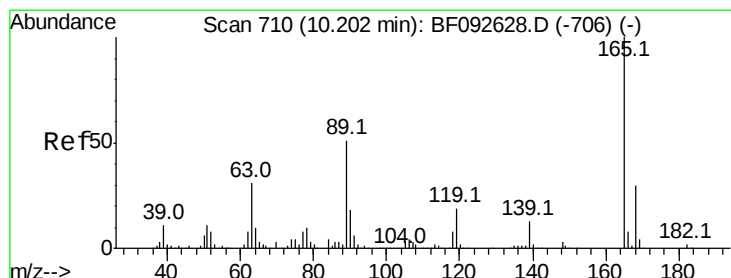
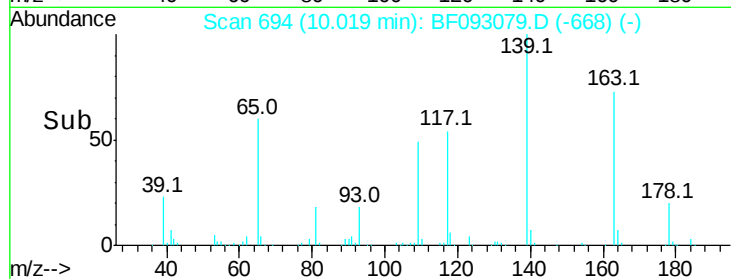
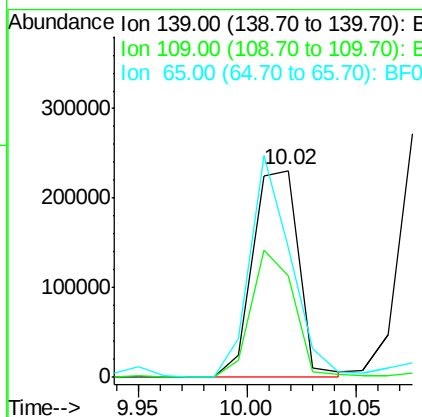
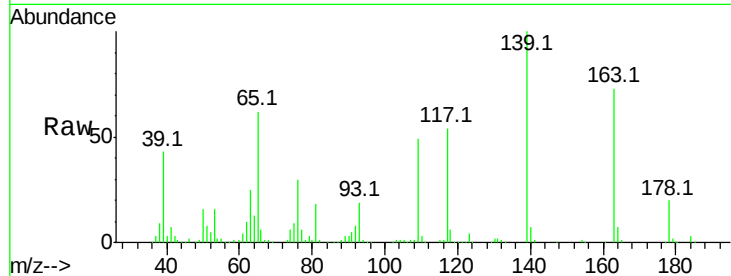
#55
4-Nitrophenol
Concen: 96.31 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	341459		
109	49.2	52.2	92.2#	
65	62.4	85.8	125.8#	

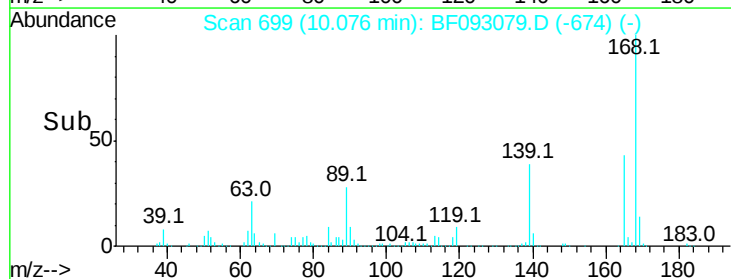
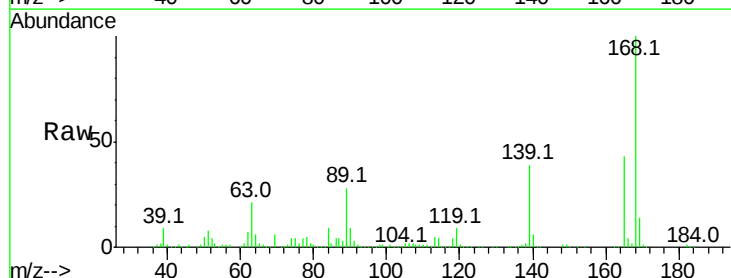
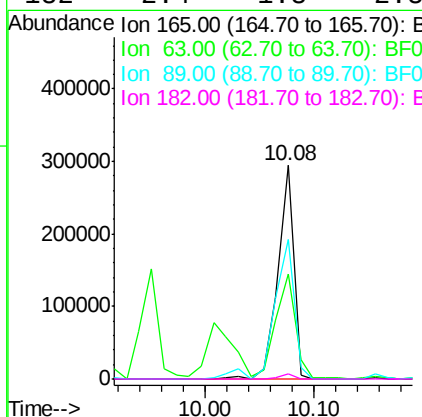
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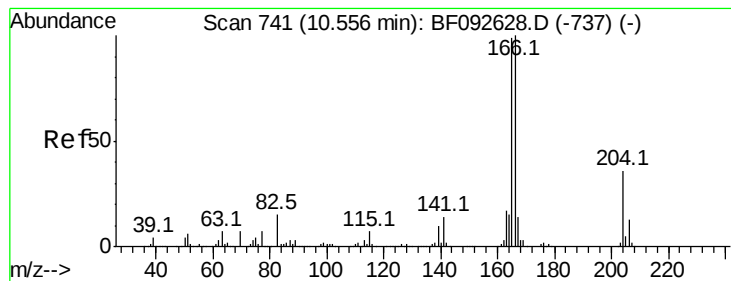
mohammad
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#56
2,4-Dinitrotoluene
Concen: 52.03 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	297935		
63	49.4	40.2	60.4	
89	65.3	62.5	93.7	
182	2.4	1.8	2.8	





#57

Fluorene

Concen: 45.37 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

Tot Ion:166 Resp: 807639

Ion Ratio Lower Upper

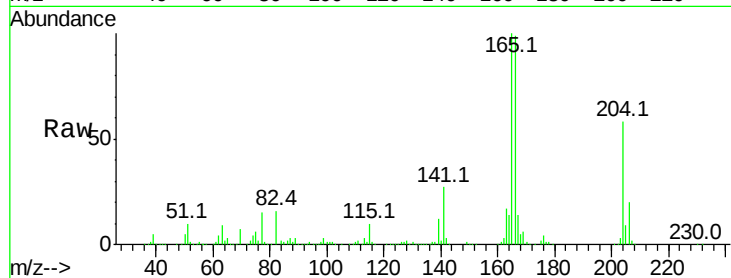
166 100

165 100.6 77.8 116.8

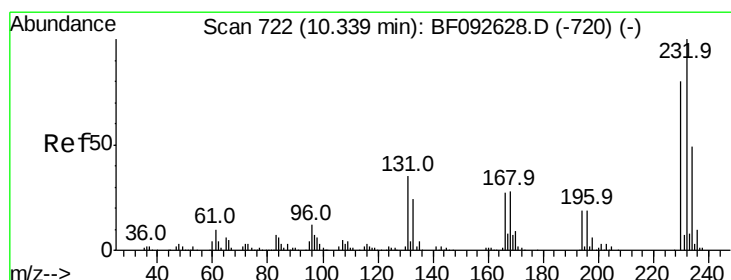
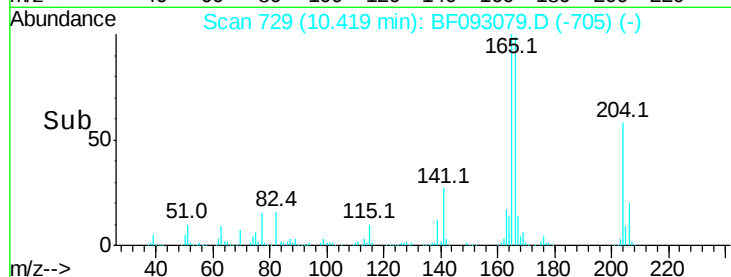
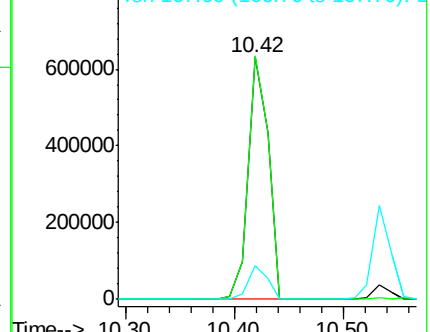
167 14.0 10.8 16.2

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.74 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Tgt Ion:232 Resp: 222206

Ion Ratio Lower Upper

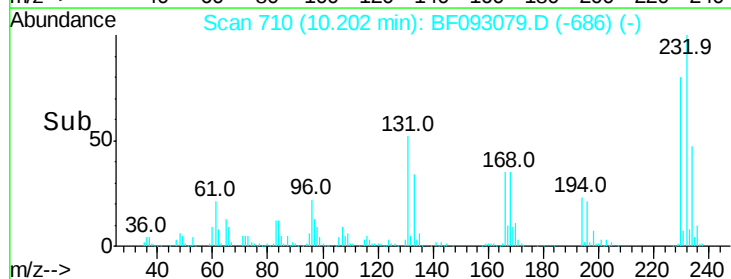
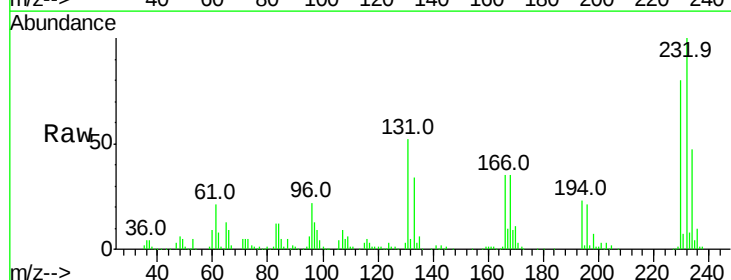
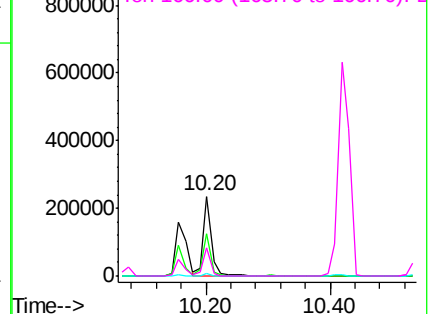
232 100

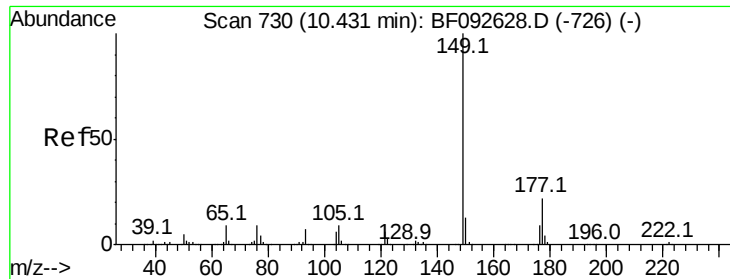
131 49.1 40.1 60.1

130 2.4 1.8 2.8

166 32.0 26.6 39.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





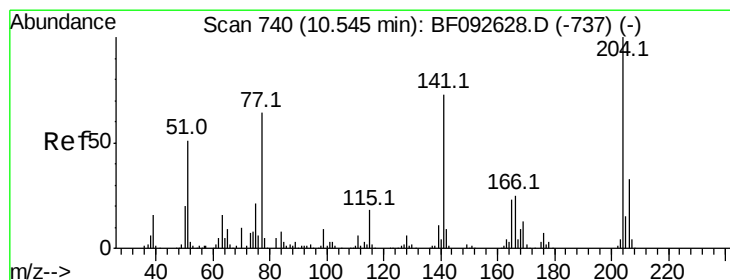
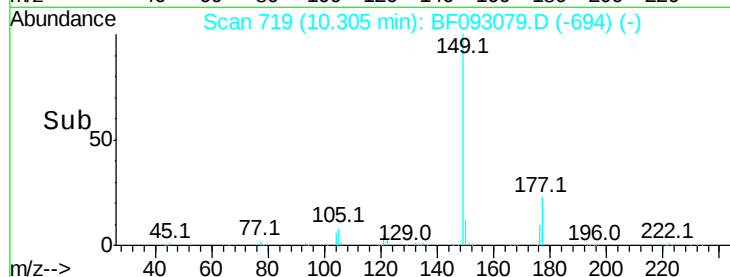
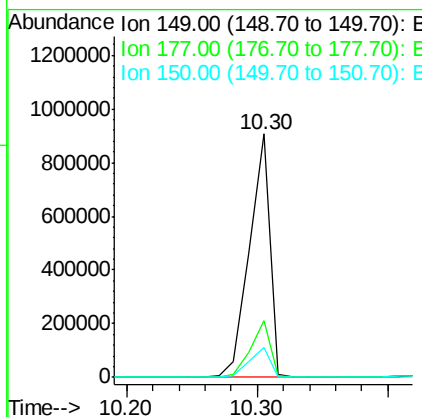
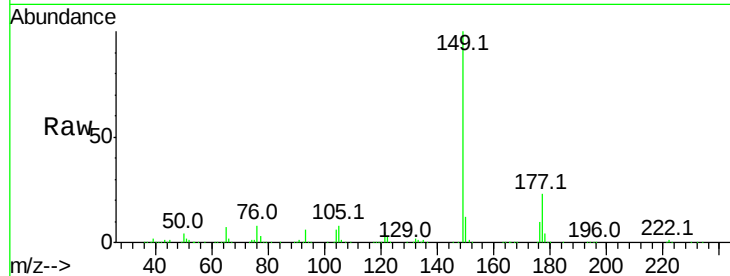
#59
Diethylphthalate
Concen: 52.90 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	993006		
177	23.5		16.6	25.0
150	12.2		10.4	15.6

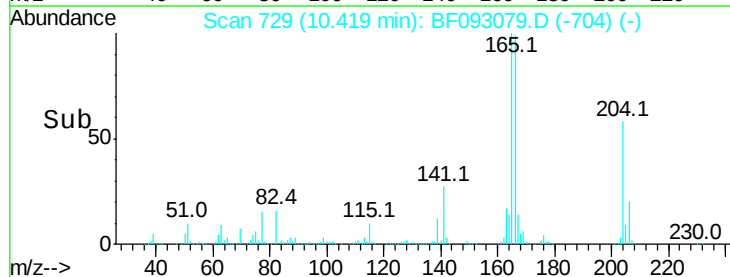
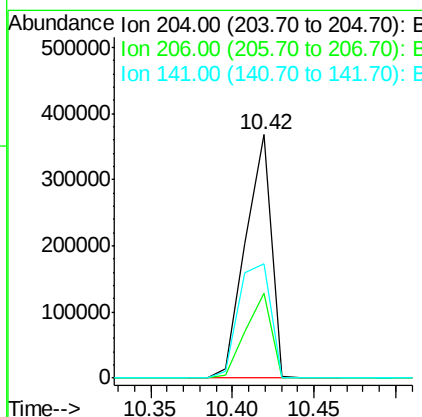
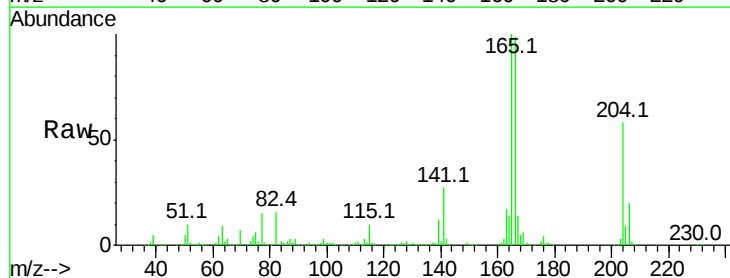
Manual Integrations
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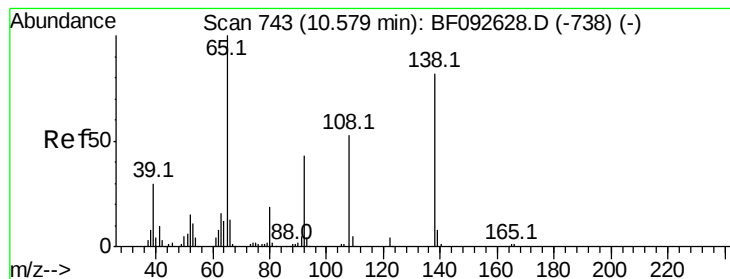
mohammad
2/23/2017 1:16:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 47.20 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	403681		
206	35.0		25.8	38.6
141	47.1		59.4	89.0#





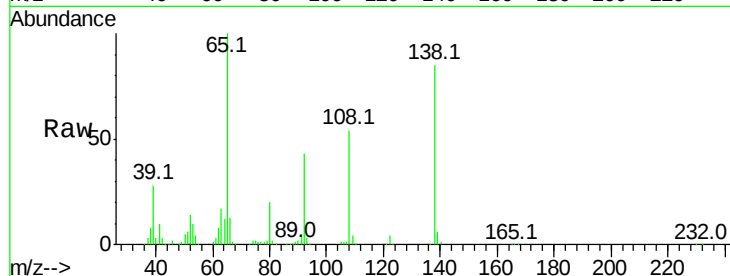
#61
4-Nitroaniline
Concen: 45.32 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.5	31.7	71.7
108	63.4	52.6	92.6

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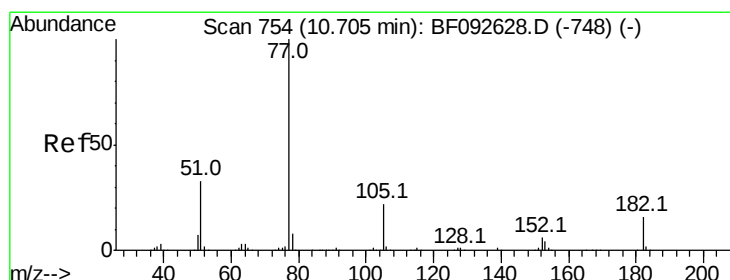
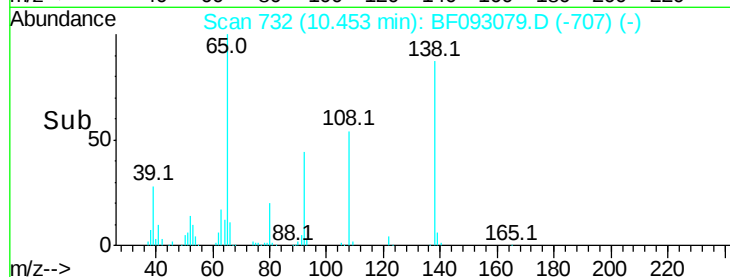
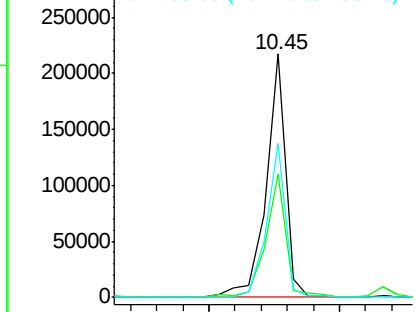


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 55.42 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.3	0.0	39.3
105	26.3	2.3	42.3
51	27.8	8.9	48.9

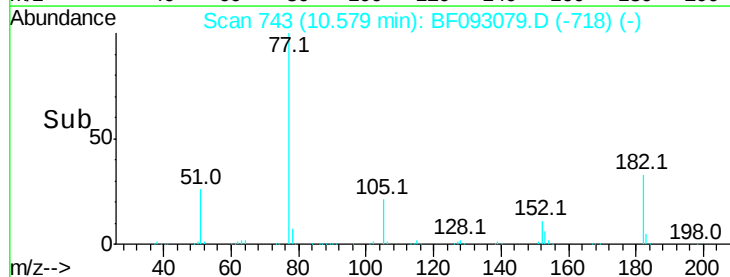
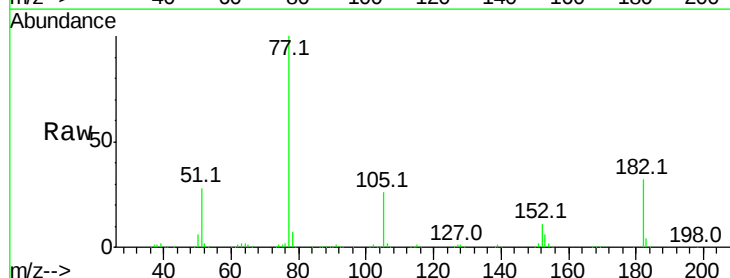
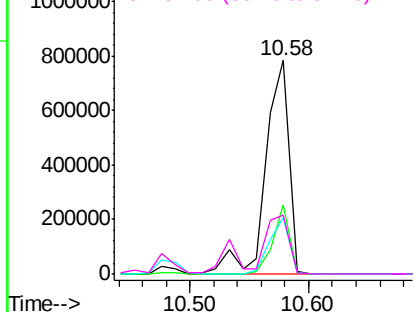
Abundance

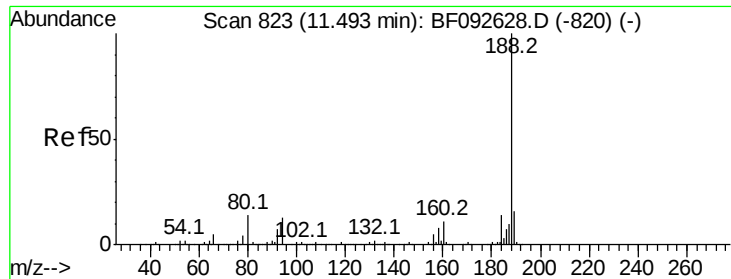
Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





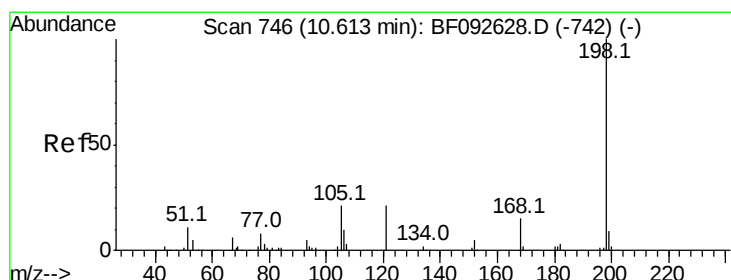
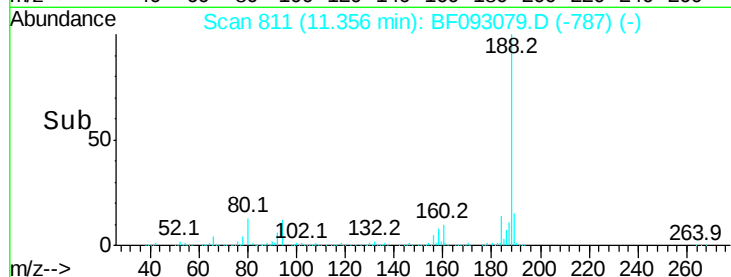
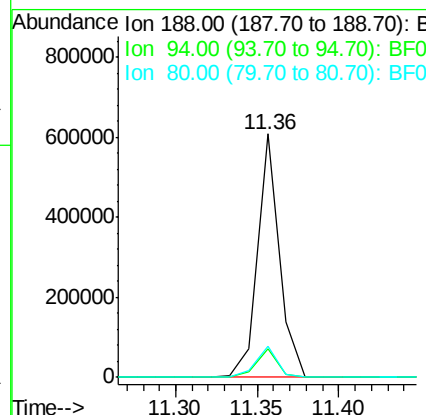
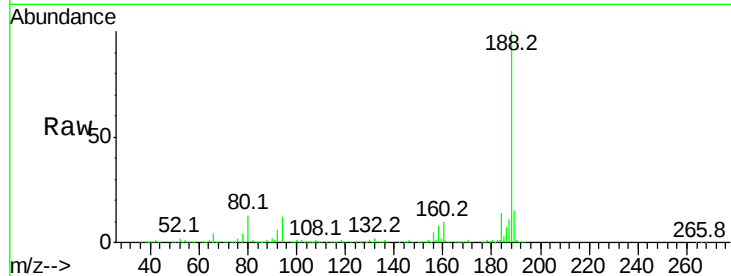
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	565567		
94	11.6		10.0	15.0
80	12.7		11.2	16.8

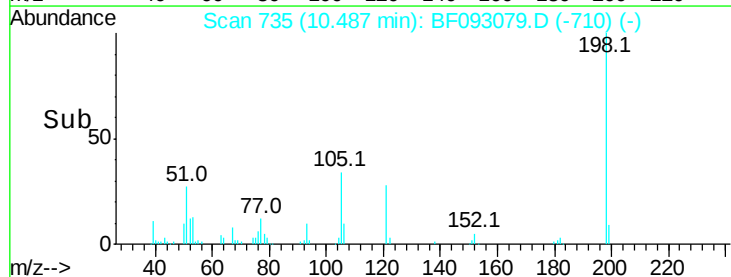
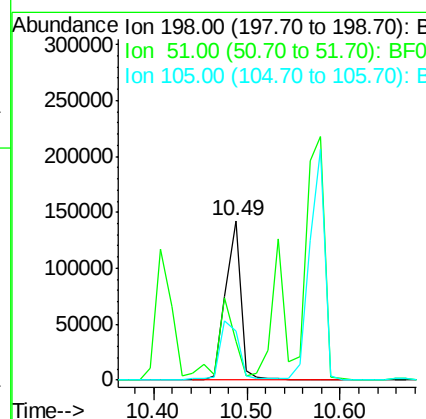
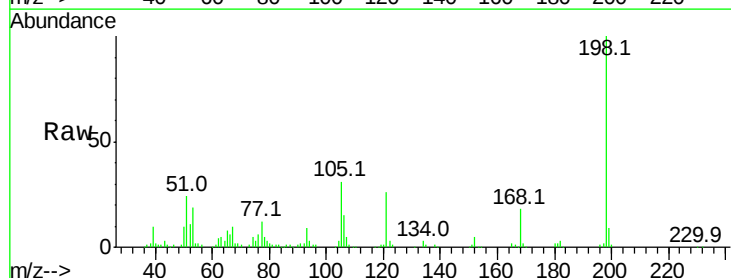
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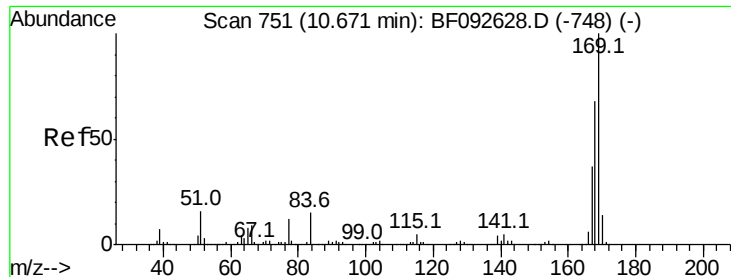
mohammad
2/23/2017 1:16:03 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.21 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	162357		
51	24.0		6.7	46.7
105	30.8		16.6	56.6





#65

n-Nitrosodiphenylamine

Concen: 40.60 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

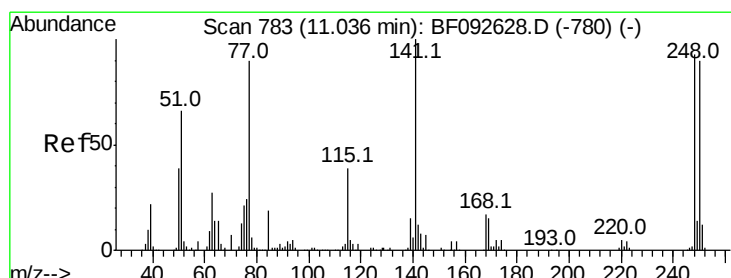
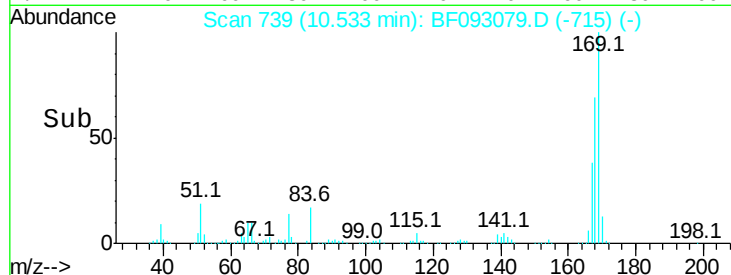
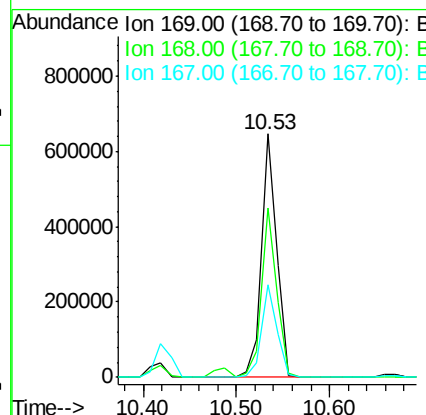
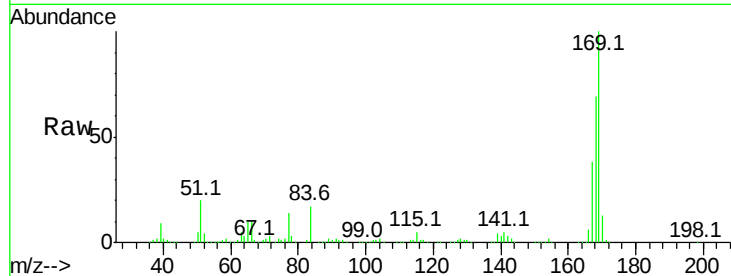
ClientSampleId :

PB97097BS

Tot Ion:	169	Resp:	733587
Ion Ratio	Lower	Upper	
169	100		
168	69.4	54.2	81.2
167	37.9	30.2	45.4

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 40.55 ng

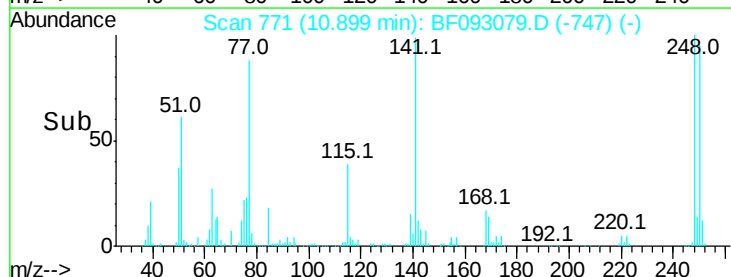
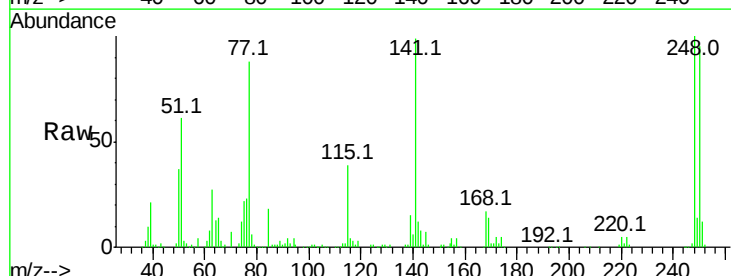
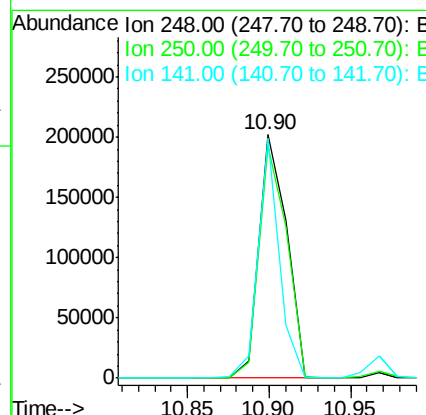
RT: 10.90 min Scan# 771

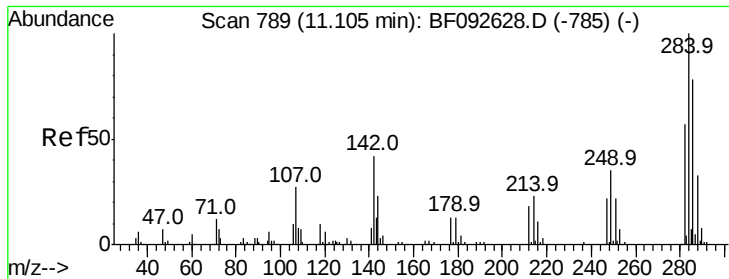
Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Tgt Ion:	248	Resp:	239609
Ion Ratio	Lower	Upper	
248	100		
250	95.3	76.9	115.3
141	98.7	68.2	102.4





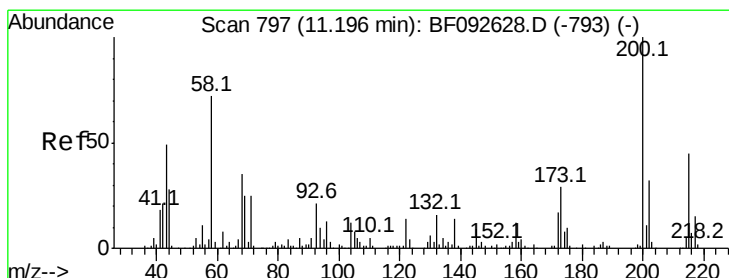
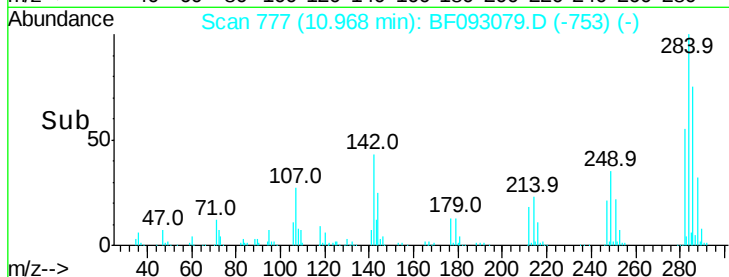
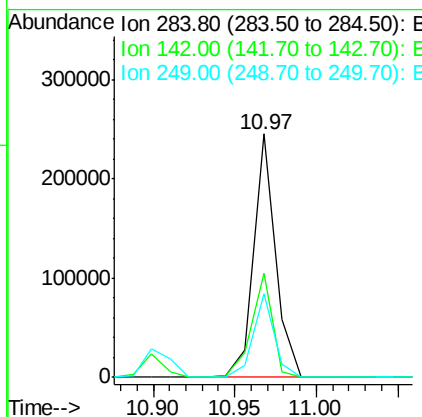
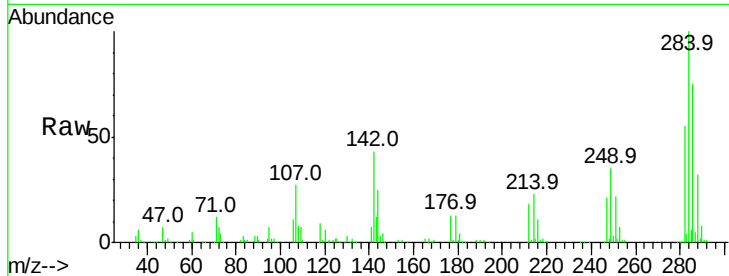
#67
Hexachlorobenzene
Concen: 39.23 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	229064		
142	42.9	22.6	33.8#	
249	34.6	25.4	38.0	

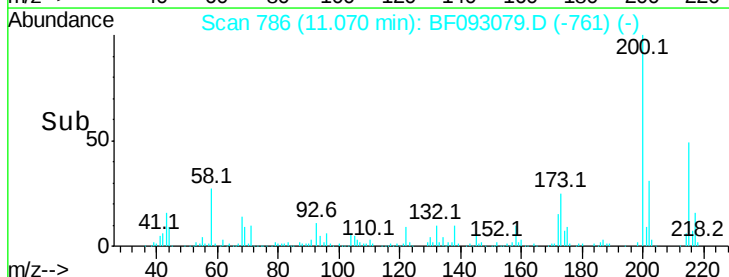
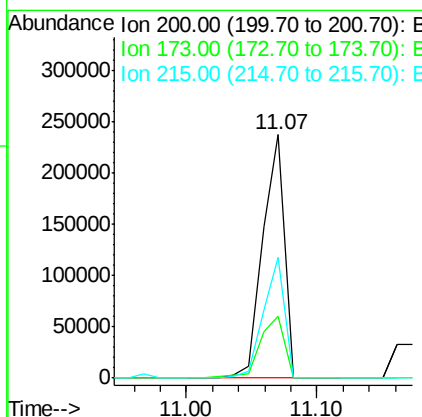
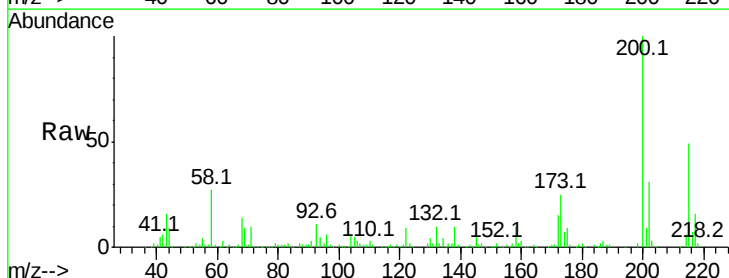
Manual Integrations
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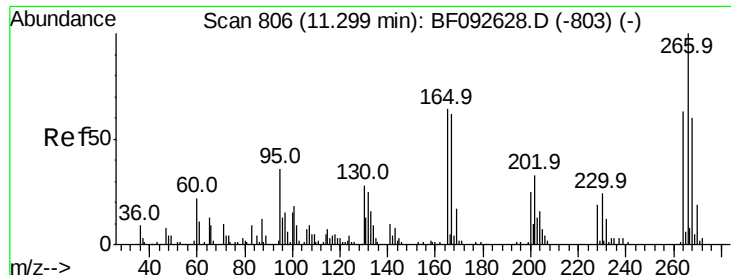
mohammad
2/23/2017 1:16:03 PM



#68
Atrazine
Concen: 47.61 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	276048		
173	25.3	9.6	49.6	
215	49.4	25.7	65.7	





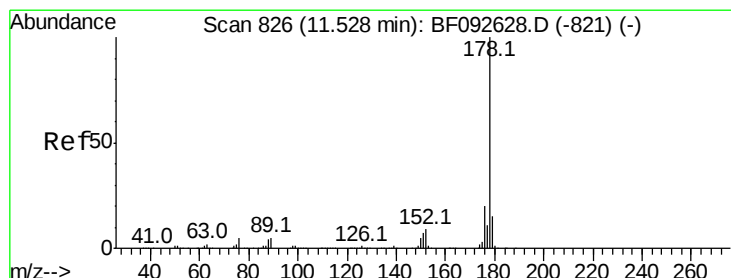
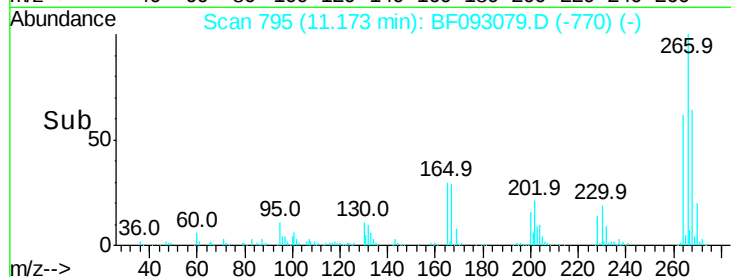
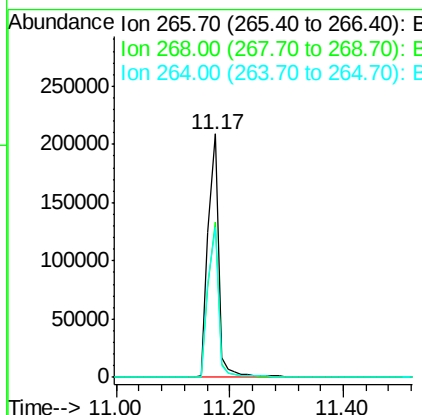
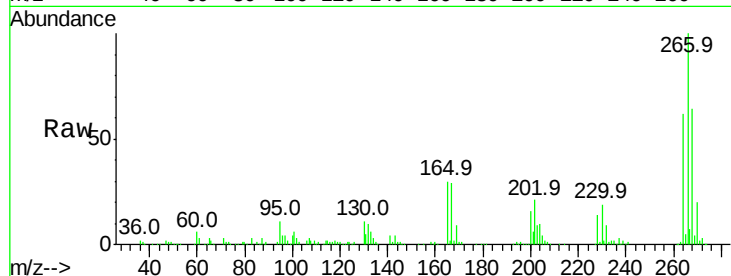
#69
 Pentachlorophenol
 Concen: 85.90 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampled :
 PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	260696		
268	63.7	53.3	79.9	
264	61.8	50.3	75.5	

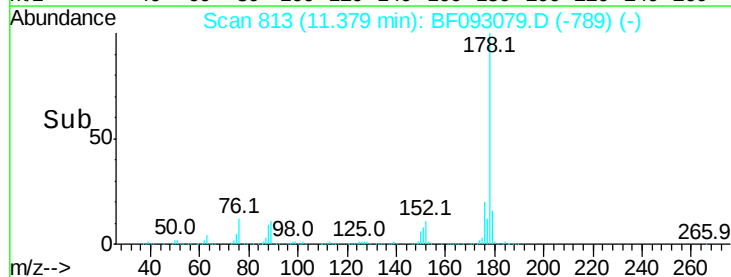
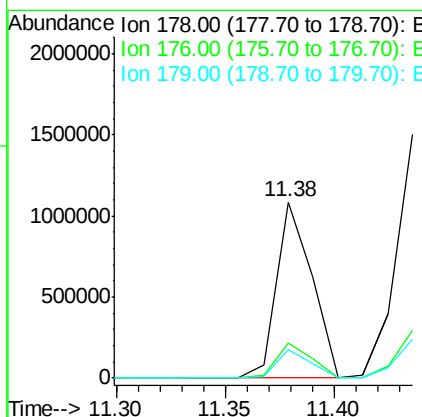
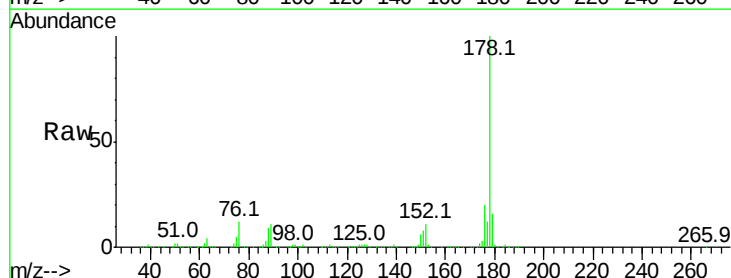
Manual Integrations
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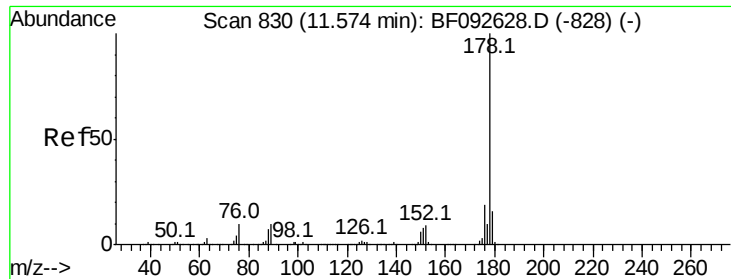
mohammad
 2/23/2017 1:16:03 PM



#70
 Phenanthrene
 Concen: 38.22 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1238486		
176	19.8	16.6	25.0	
179	16.0	12.8	19.2	





#71

Anthracene

Concen: 42.04 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

Tot Ion:178 Resp: 1367869

Ion Ratio Lower Upper

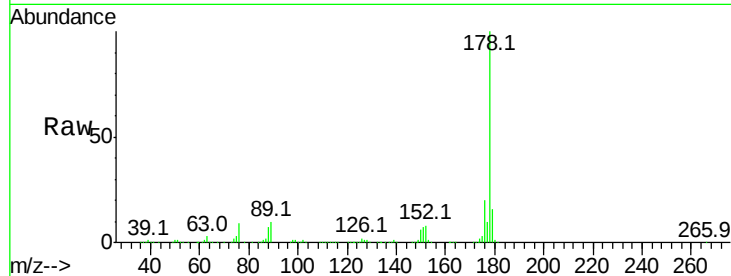
178 100

176 19.7 15.9 23.9

179 16.0 13.2 19.8

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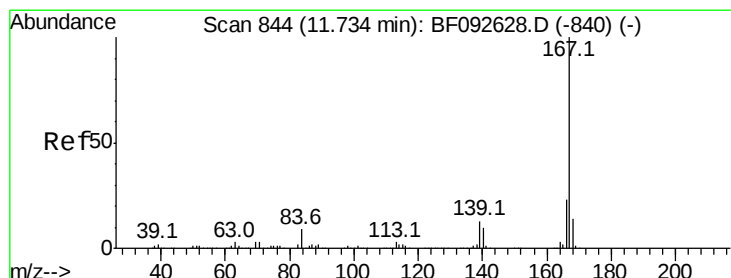
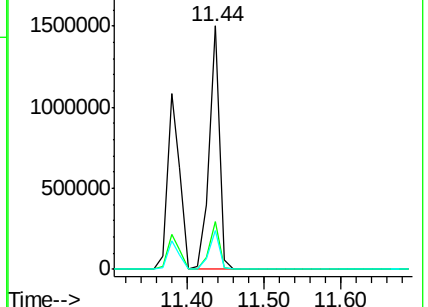
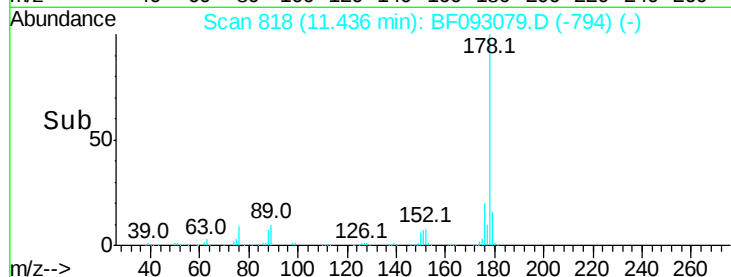
mohammad
2/23/2017 1:16:03 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.78 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

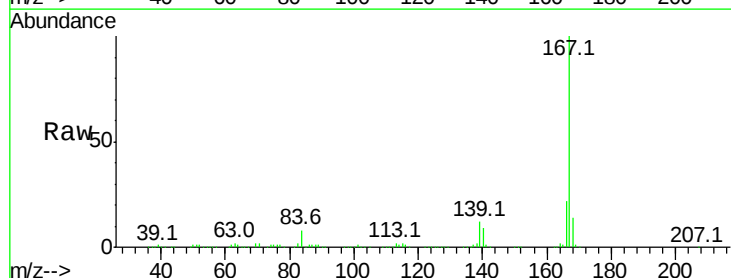
Tgt Ion:167 Resp: 1330746

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

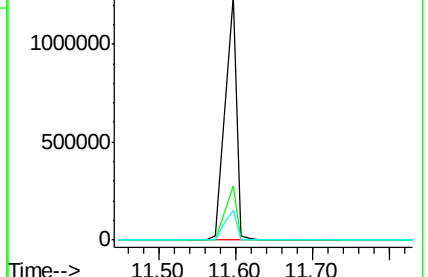
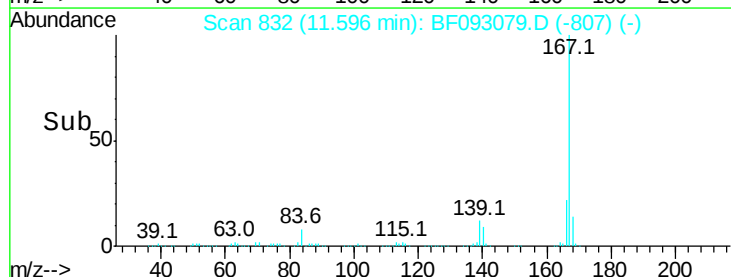
139 12.4 11.4 17.2

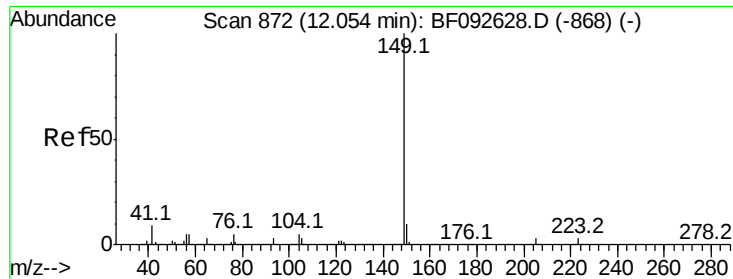


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.08 ng

RT: 11.92 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

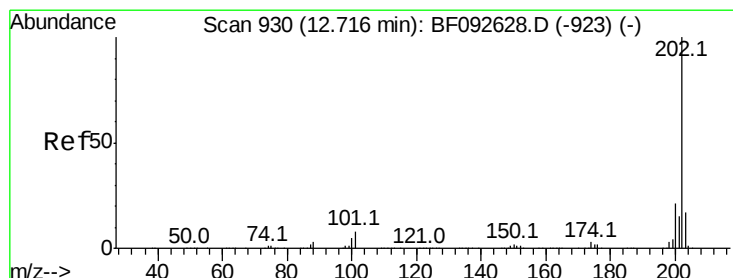
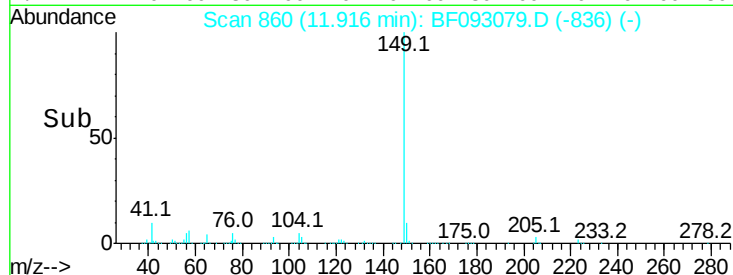
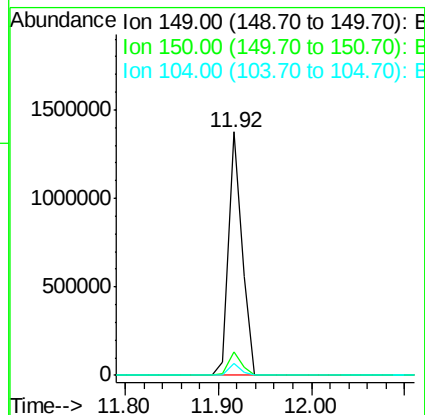
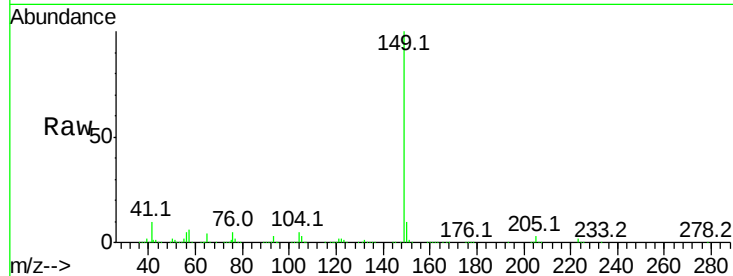
PB97097BS

Tot Ion:149 Resp: 1381967

Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.1	12.1
104	4.9	4.6	7.0

Manual Integrations
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mohammad
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#74

Fluoranthene

Concen: 36.89 ng

RT: 12.57 min Scan# 917

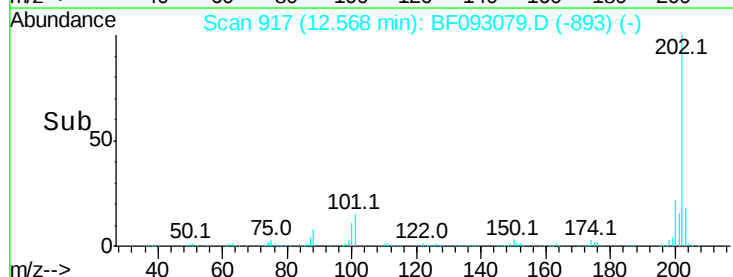
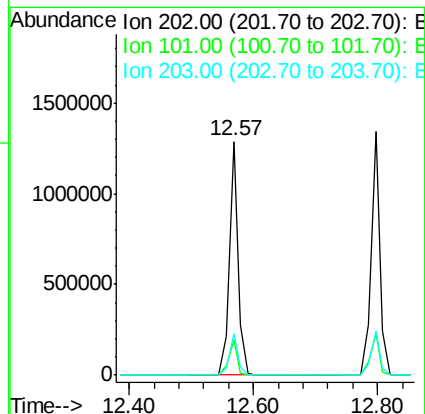
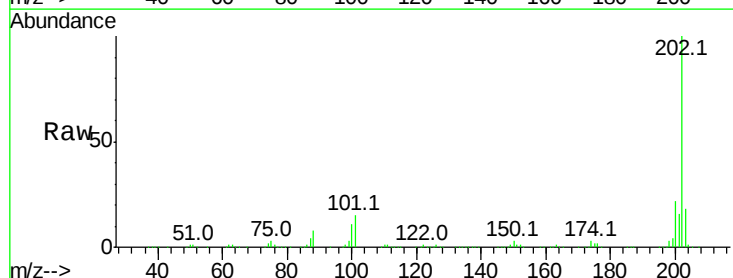
Delta R.T. -0.02 min

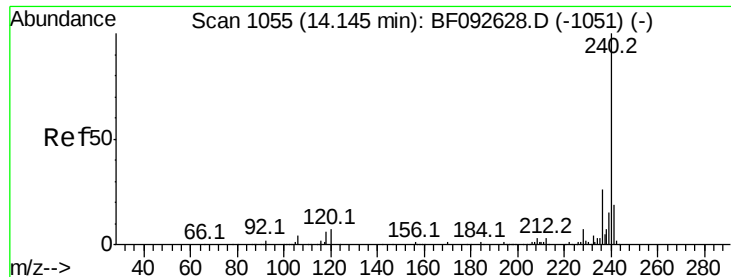
Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Tgt Ion:202 Resp: 1233036

Ion	Ratio	Lower	Upper
202	100		
101	15.0	0.0	34.6
203	17.9	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

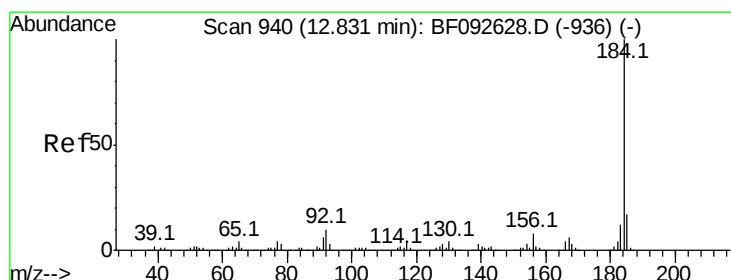
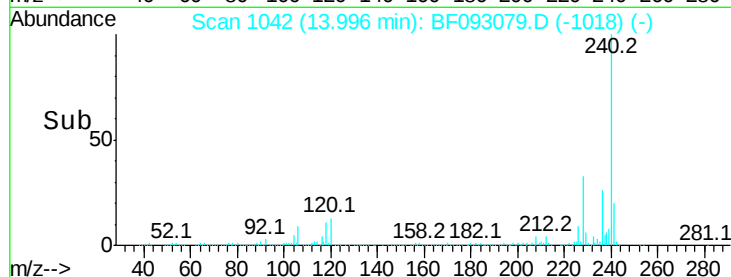
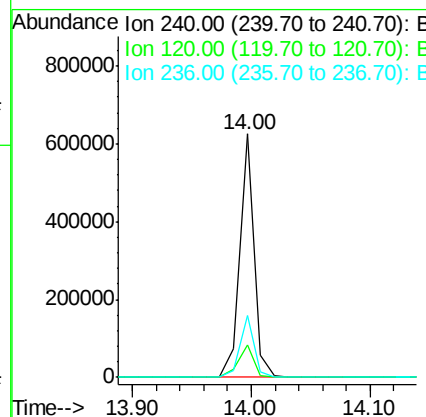
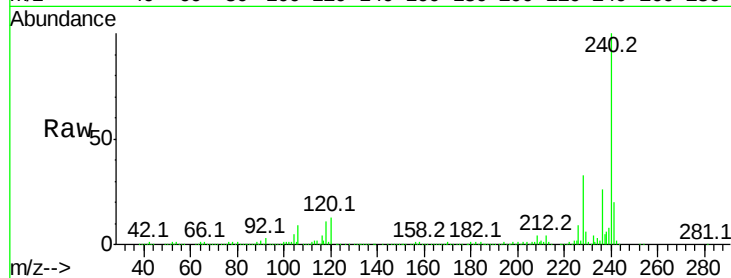
ClientSampleId :

PB97097BS

Tot Ion:	240	Resp:	522645
Ion Ratio	Lower	Upper	
240	100		
120	13.1	12.9	19.3
236	25.6	20.9	31.3

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#76

Benzidine

Concen: 20.93 ng

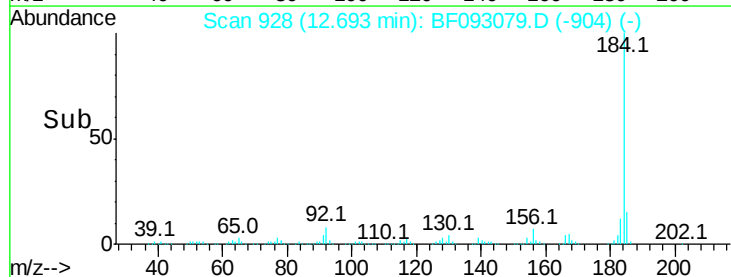
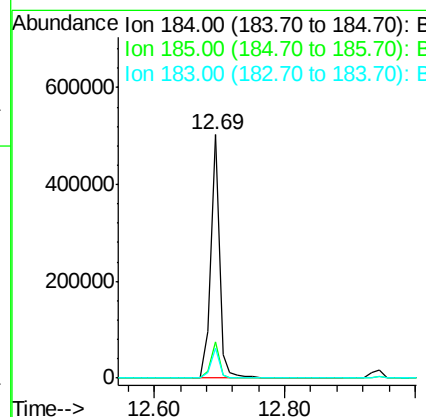
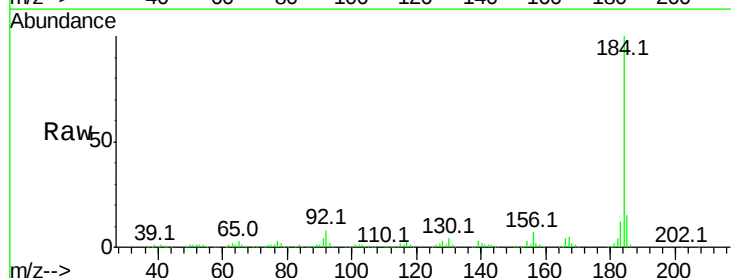
RT: 12.69 min Scan# 928

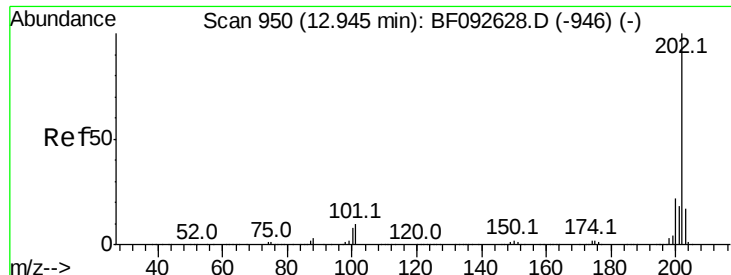
Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Tgt Ion:	184	Resp:	466226
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.4	20.0
183	12.2	9.2	13.8





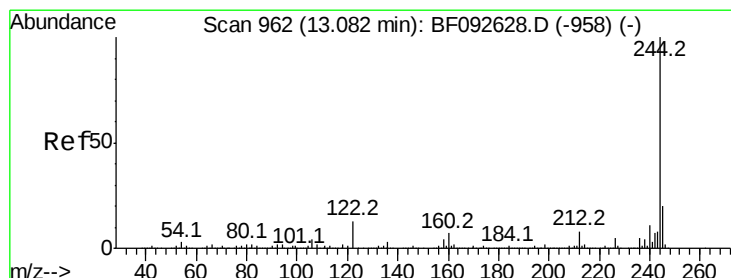
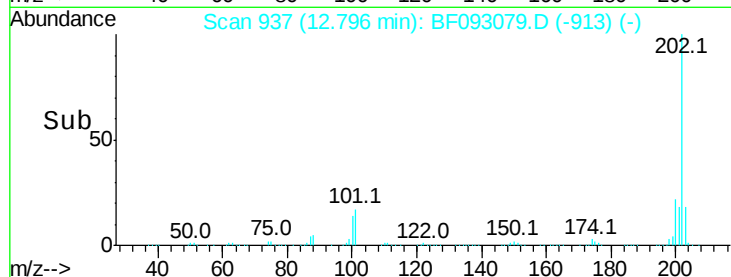
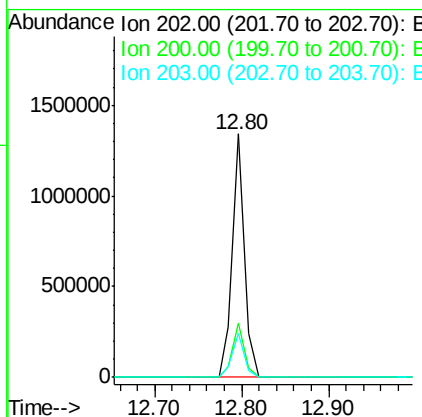
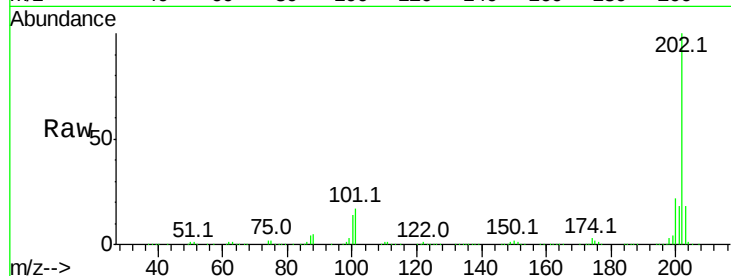
#77
Pvrene
Concen: 33.04 ng
RT: 12.80 min Scan# 937
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	17.8	14.7	22.1

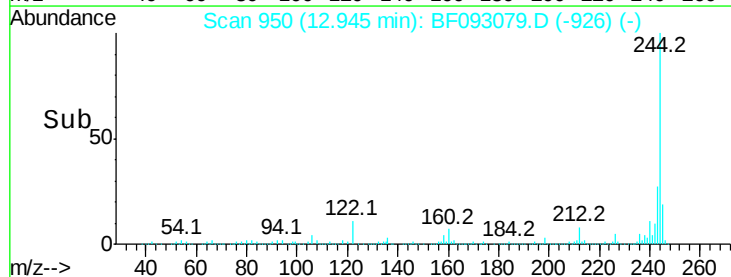
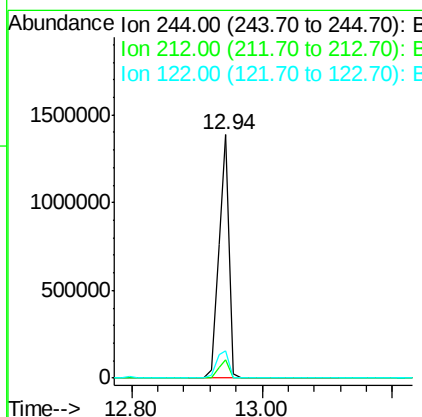
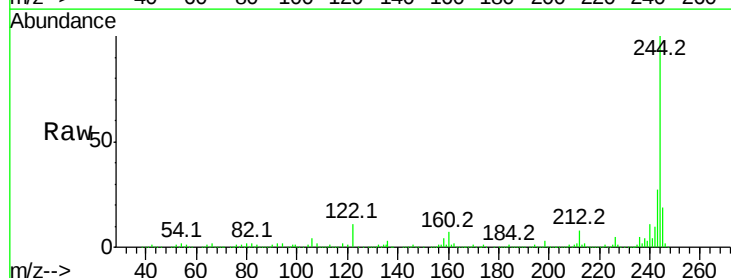
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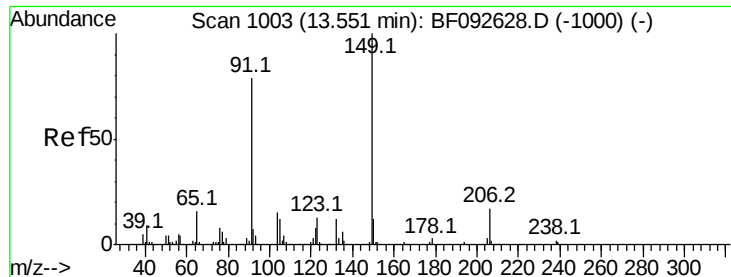
mohammad
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#78
Terphenyl-d14
Concen: 68.88 ng
RT: 12.94 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	11.0	11.4	17.2#





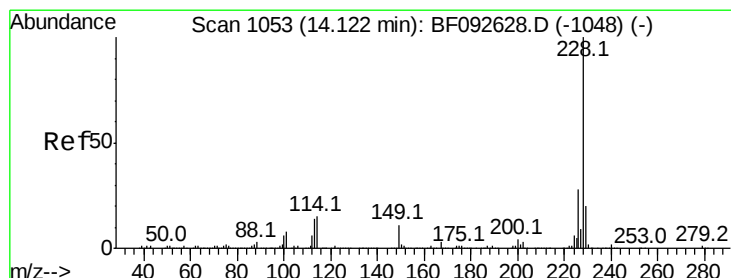
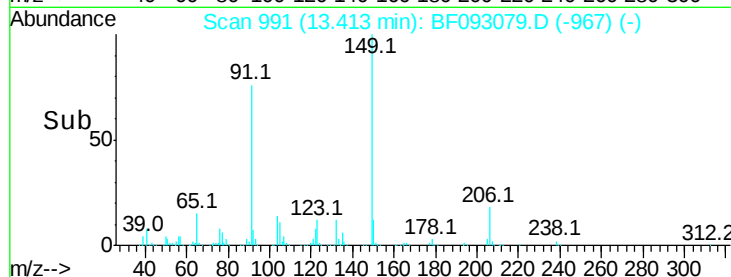
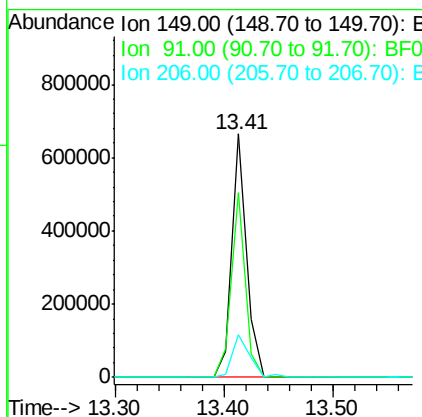
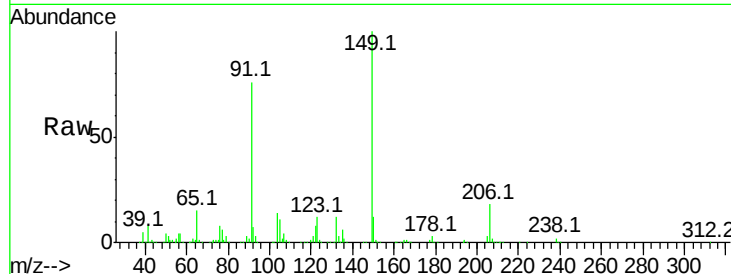
#79
Butylbenzylphthalate
Concen: 38.95 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.0	63.9	95.9
206	17.5	14.6	21.8

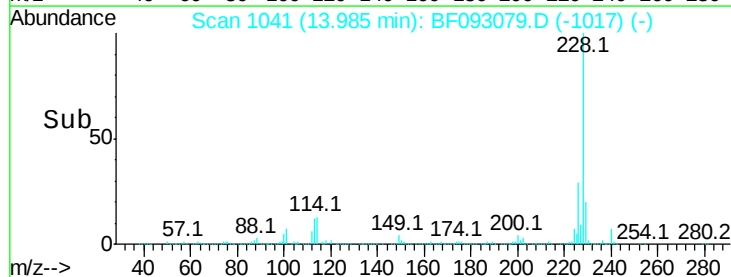
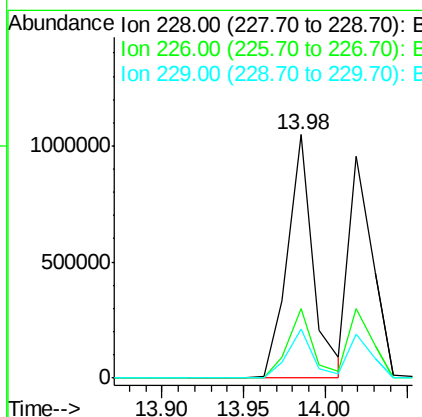
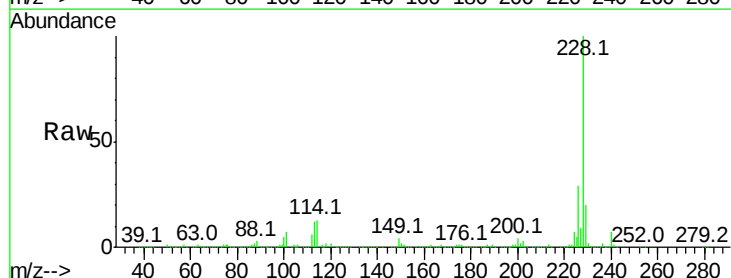
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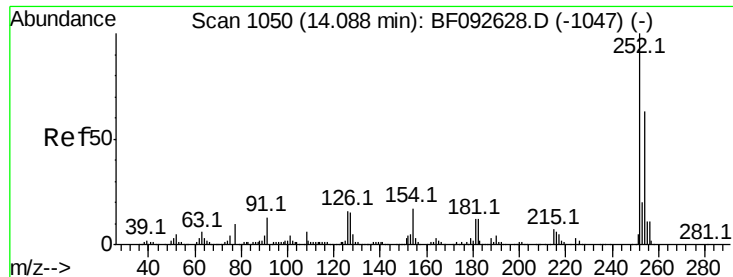
mohammad
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#80
Benzo(a)anthracene
Concen: 36.09 ng
RT: 13.98 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.4	33.6
229	20.1	16.2	24.4





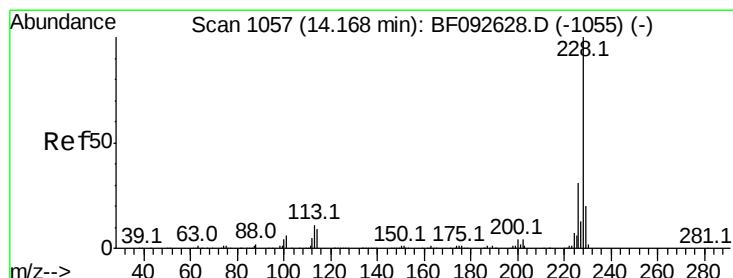
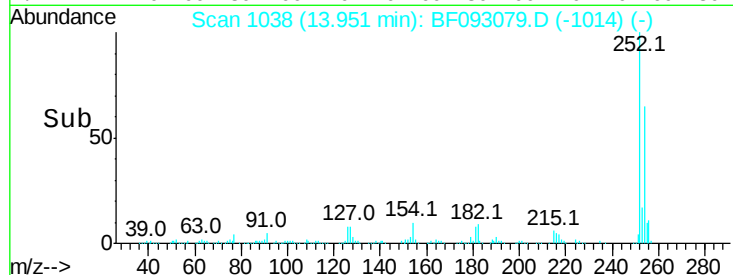
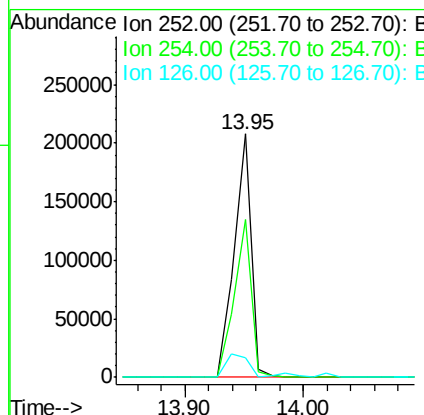
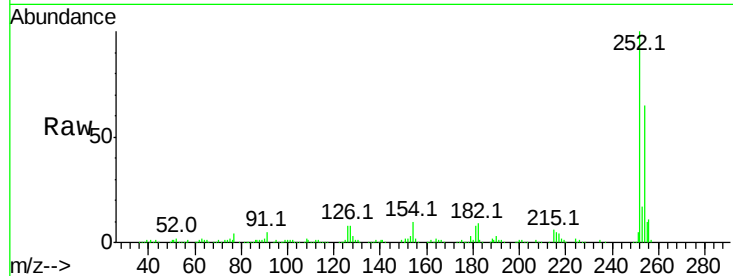
#81
 3,3'-Dichlorobenzidine
 Concen: 18.17 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampled :
 PB97097BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.0	52.3	78.5
126	8.0	13.6	20.4

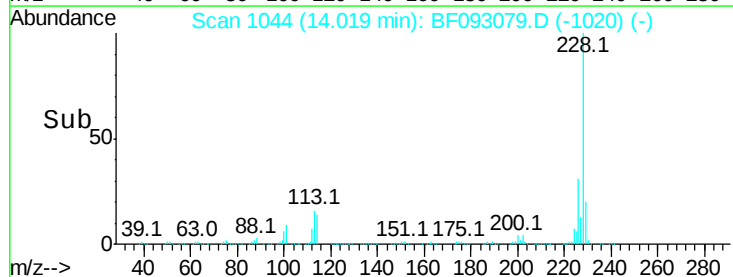
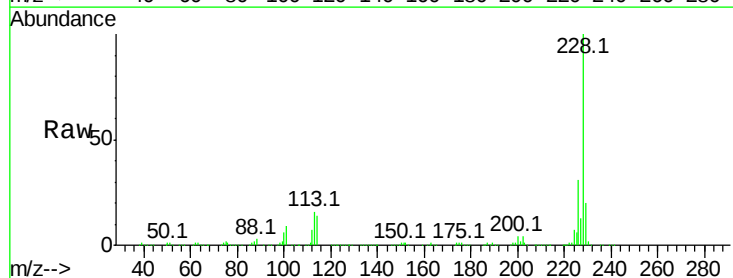
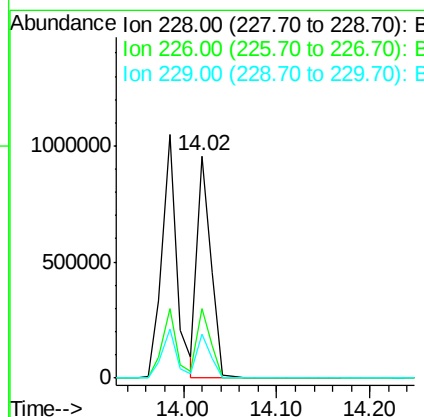
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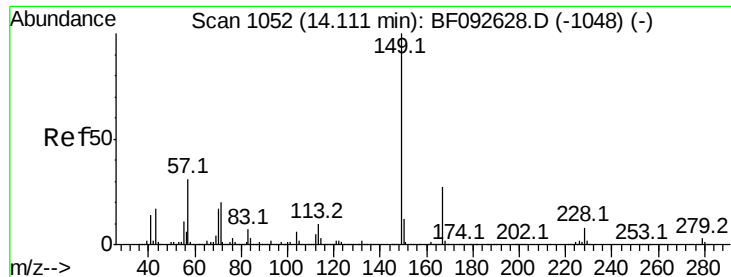
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#82
 Chrysene
 Concen: 32.87 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.0	16.2	24.2





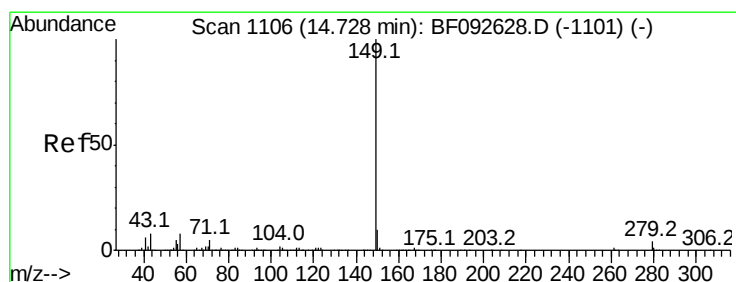
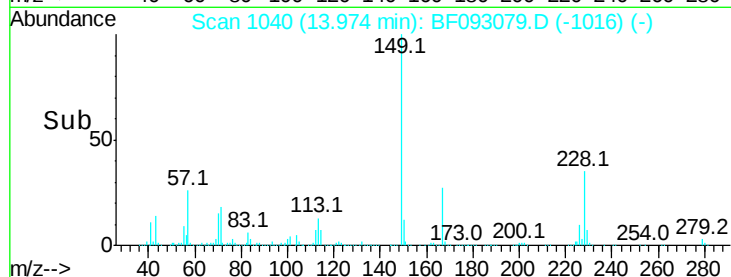
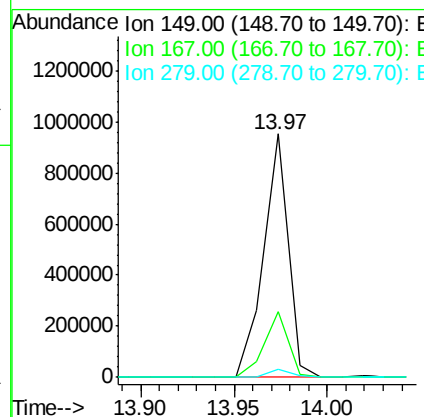
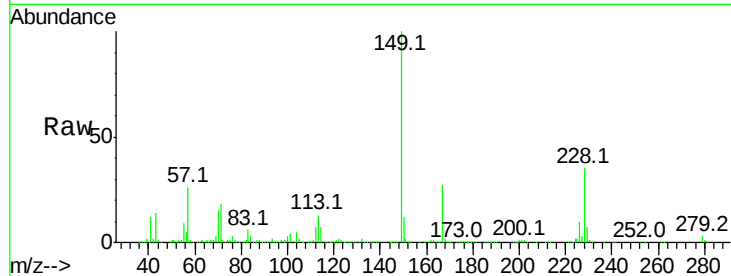
#83
Bis(2-ethylhexyl)phthalate
Concen: 39.99 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	868632		
167	26.9	20.2	30.4	
279	3.3	1.8	2.8#	

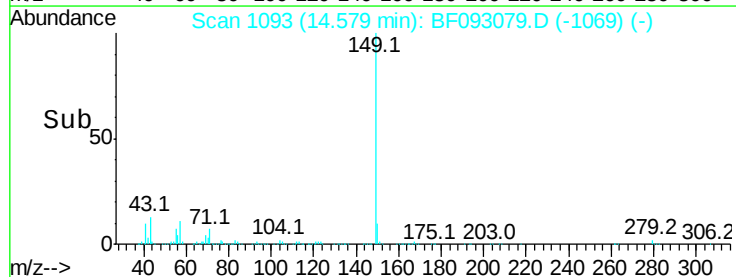
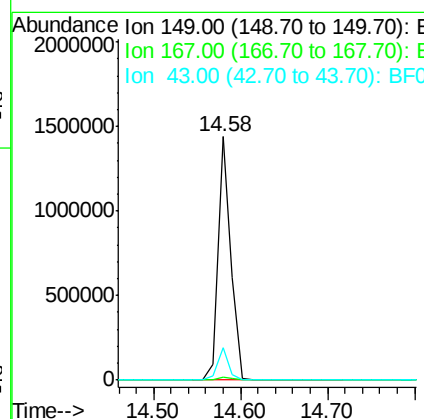
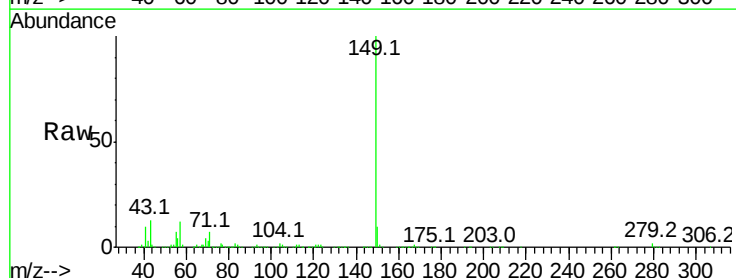
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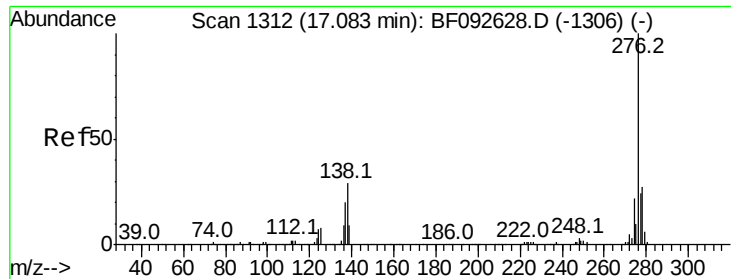
mohammad
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#84
Di-n-octyl phthalate
Concen: 42.02 ng
RT: 14.58 min Scan# 1093
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1486242		
167	1.6	1.3	1.9	
43	11.3	8.9	13.3	





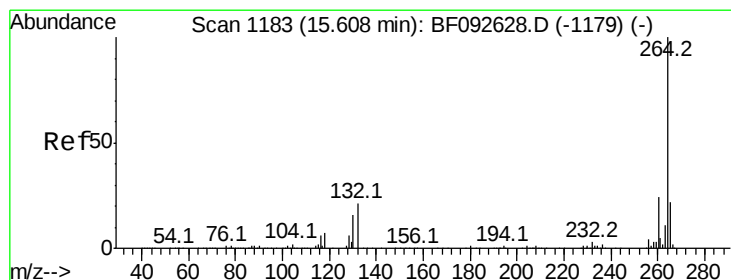
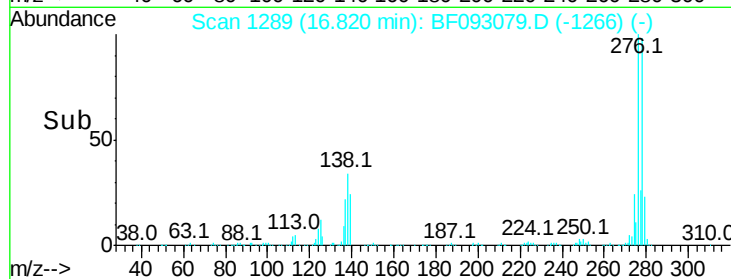
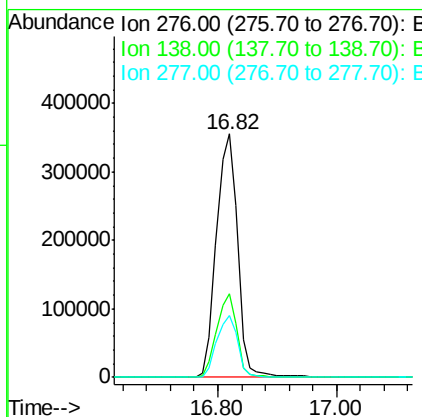
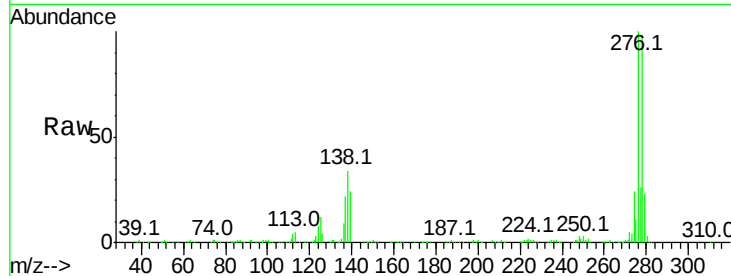
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.99 ng
 RT: 16.82 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	21.8	32.6
277	25.3	20.2	30.4

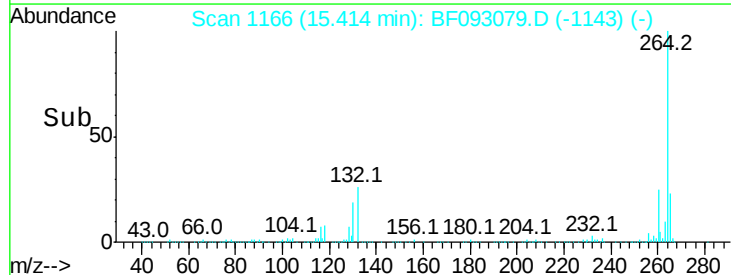
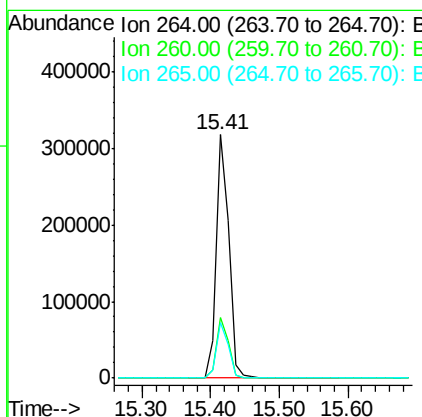
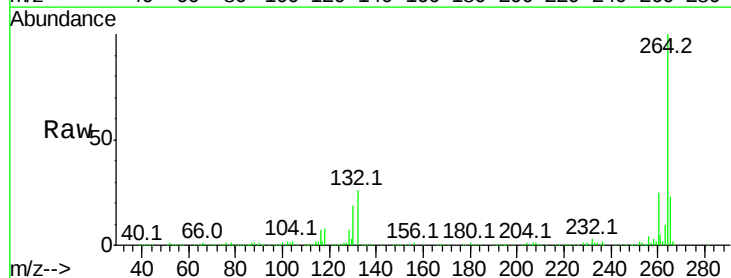
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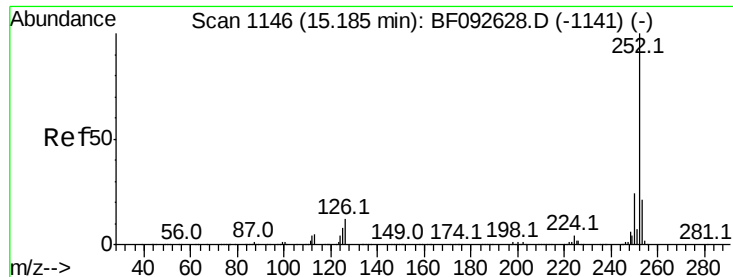
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.6	17.4	26.0





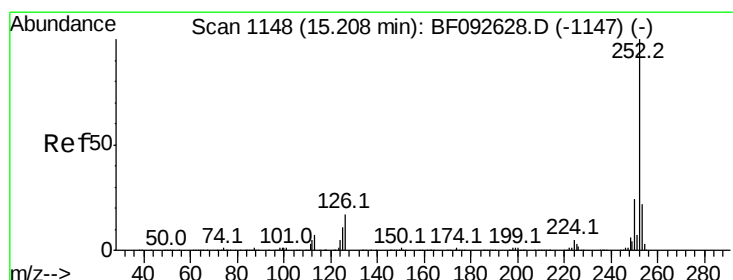
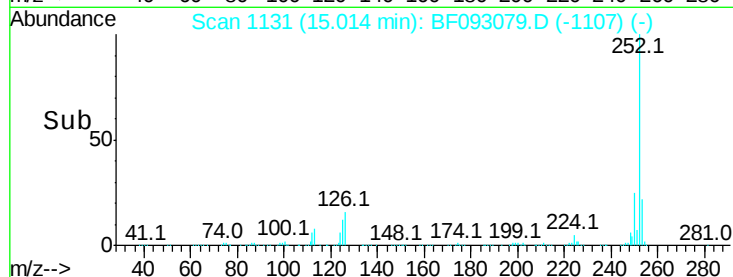
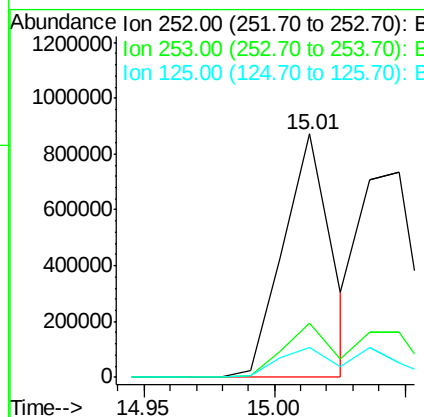
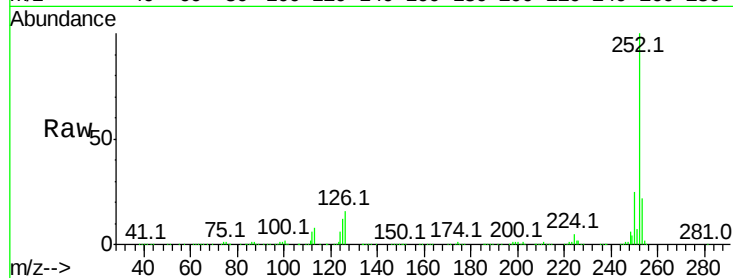
#87
Benzo(b)fluoranthene
Concen: 41.03 ng
RT: 15.01 min Scan# 1131
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	12.1	9.8	14.6

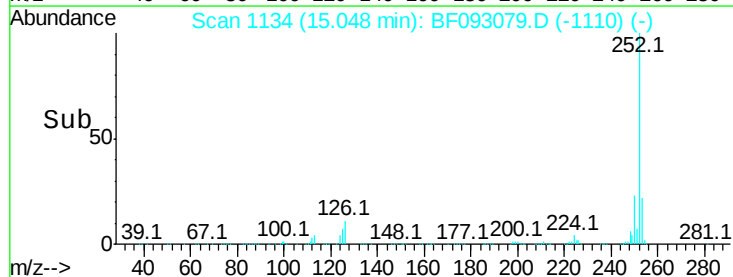
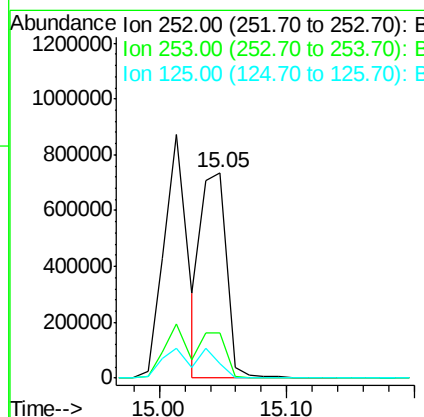
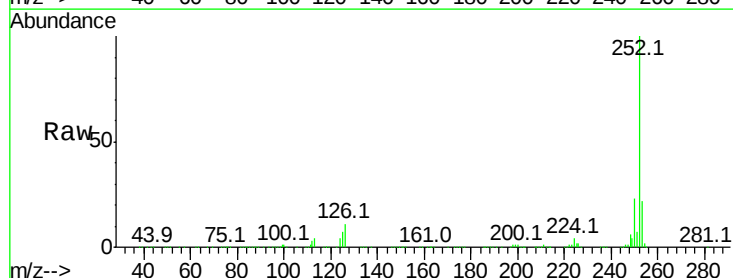
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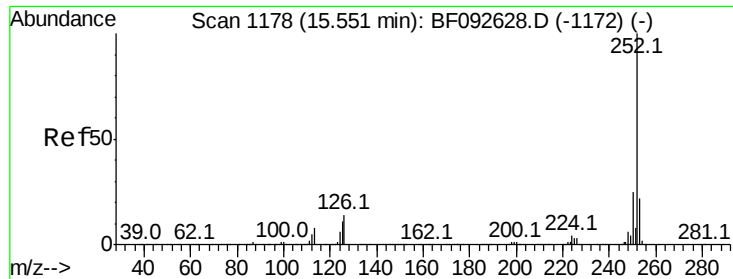
mohammad
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#88
Benzo(k)fluoranthene
Concen: 44.28 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	7.3	8.9	13.3#





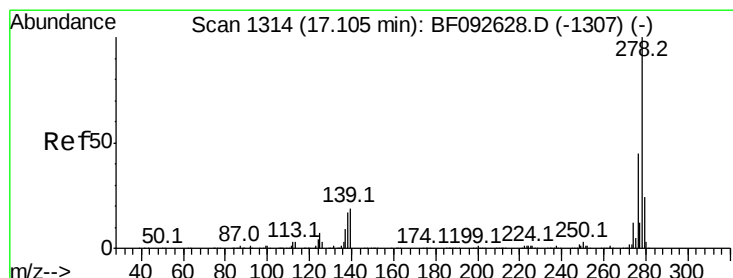
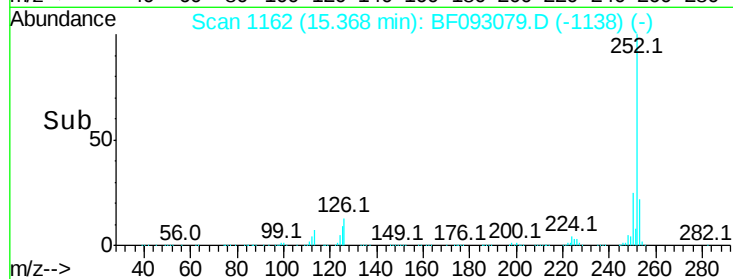
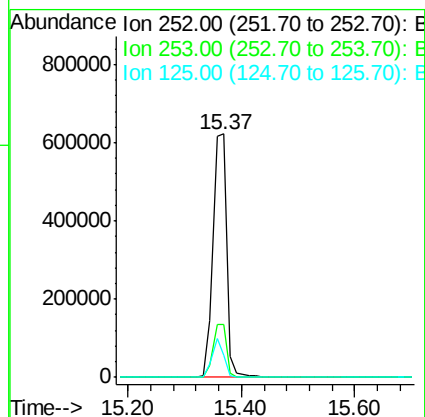
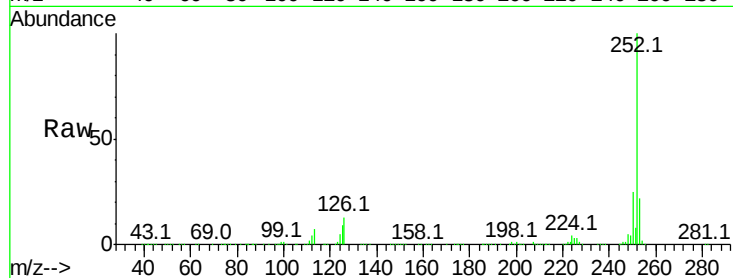
#89
Benzo(a)pyrene
Concen: 42.97 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	9.3	10.0	15.0

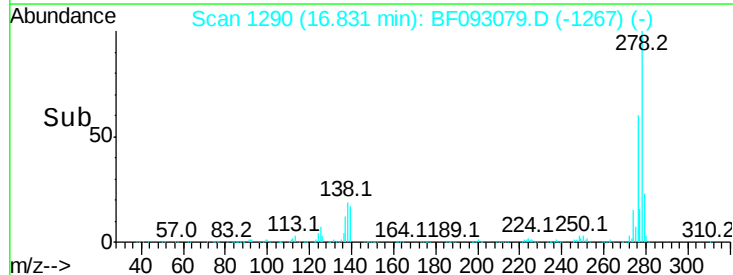
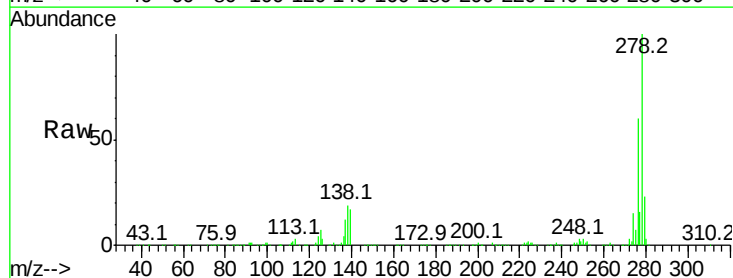
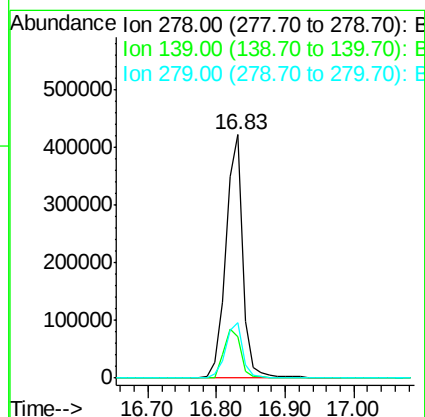
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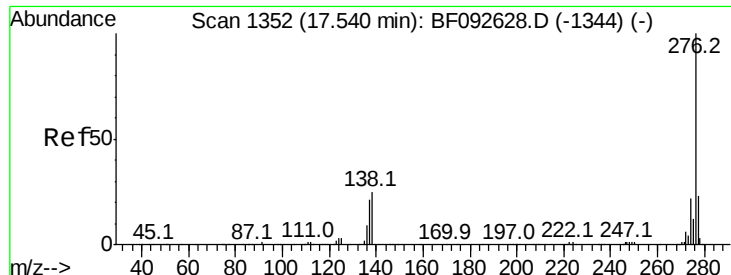
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 39.15 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.1	14.8	22.2
279	22.8	19.8	29.6





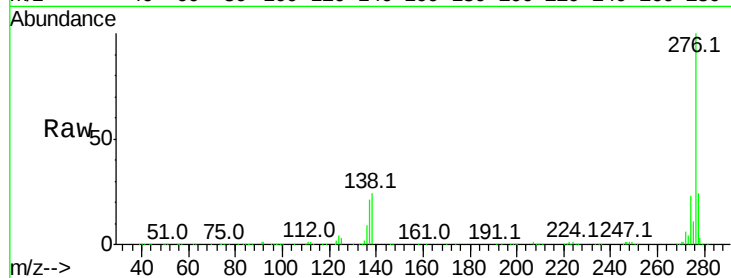
#91
 Benzo(a,h,i)perylene
 Concen: 38.25 ng
 RT: 17.24 min Scan# 1326
 Delta R.T. -0.05 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	24.4	16.0	24.0

Manual Integrations
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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

