

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
 Data File : BF093567.D
 Acq On : 11 Mar 2017 15:15
 Operator : SJ/MA
 Sample : PB97500BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97500BS

Manual Integrations
 APPROVED

mohammad
 3/15/2017 5:31:15 PM

Quant Time: Mar 13 15:34:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	188151	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	776898	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	364857	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	646236	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	465123	20.00	ng	-0.01
86) Perylene-d12	15.27	264	351228	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1604452	141.93	ng	0.01
7) Phenol-d6	6.39	99	1895164	132.94	ng	0.01
23) Nitrobenzene-d5	7.29	82	1273855	90.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	316743	133.25	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1971672	100.52	ng	0.00
78) Terphenyl-d14	12.83	244	1595728	89.20	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	229679	36.89	ng	86
3) Pyridine	2.95	79	638827m	40.24	ng	
4) n-Nitrosodimethylamine	2.93	42	371399	48.98	ng	84
6) Aniline	6.39	93	471288	24.09	ng	# 77
8) 2-Chlorophenol	6.52	128	580183	45.80	ng	95
9) Benzaldehyde	6.29	77	86326	7.11	ng	93
10) Phenol	6.40	94	871534	49.89	ng	# 76
11) bis(2-Chloroethyl)ether	6.46	93	623374	44.15	ng	88
12) 1,3-Dichlorobenzene	6.65	146	612904m	42.28	ng	
13) 1,4-Dichlorobenzene	6.73	146	637869	42.97	ng	98
14) 1,2-Dichlorobenzene	6.89	146	539957	41.08	ng	94
15) Benzyl Alcohol	6.88	79	480775	47.31	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1003605	42.79	ng	# 47
17) 2-Methylphenol	7.01	107	476830	44.51	ng	# 90
18) Hexachloroethane	7.22	117	227191	45.38	ng	92
19) n-Nitroso-di-n-propylamine	7.14	70	437875	44.68	ng	93
20) 3+4-Methylphenols	7.17	107	699798	50.37	ng	# 74
22) Acetophenone	7.14	105	846667	45.29	ng	# 95
24) Nitrobenzene	7.32	77	744993	47.34	ng	98
25) Isophorone	7.56	82	1312162	46.47	ng	96
26) 2-Nitrophenol	7.64	139	328147	45.70	ng	92
27) 2,4-Dimethylphenol	7.68	122	515833	44.16	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	751985	42.19	ng	99
29) 2,4-Dichlorophenol	7.89	162	486684	44.29	ng	94
30) 1,2,4-Trichlorobenzene	7.94	180	491138	42.03	ng	# 96
31) Naphthalene	8.02	128	1543551	39.65	ng	99
32) Benzoic acid	7.85	122	353059	58.17	ng	95
33) 4-Chloroaniline	8.09	127	305743	19.35	ng	# 94
34) Hexachlorobutadiene	8.14	225	258983	43.03	ng	99
35) Caprolactam	8.48	113	190774m	50.84	ng	
36) 4-Chloro-3-methylphenol	8.60	107	524536	44.72	ng	96
37) 2-Methylnaphthalene	8.72	142	1102680	44.51	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	453400	45.51	ng	98
40) Hexachlorocyclopentadiene	8.87	237	306425	115.56	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	326644	52.48	nq	91
43) 2,4,5-Trichlorophenol	9.06	196	322661	48.31	nq	93
45) 1,1'-Biphenyl	9.18	154	1211532	45.58	nq	96
46) 2-Chloronaphthalene	9.21	162	1031584	50.71	nq	97
47) 2-Nitroaniline	9.32	65	388102	53.96	nq	# 84
48) Acenaphthylene	9.62	152	1547880	46.13	nq	98
49) Dimethylphthalate	9.49	163	1206618	49.88	nq	98
50) 2,6-Dinitrotoluene	9.57	165	284830	53.66	nq	95
51) Acenaphthene	9.78	154	902398	45.48	nq	97
52) 3-Nitroaniline	9.74	138	166103	26.05	nq	95
53) 2,4-Dinitrophenol	9.86	184	218936	90.58	nq	# 76
54) Dibenzofuran	9.97	168	1400465	56.39	nq	96
55) 4-Nitrophenol	9.93	139	293235m	94.68	nq	
56) 2,4-Dinitrotoluene	9.98	165	360309	55.26	nq	86
57) Fluorene	10.31	166	1054662	50.12	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.09	232	249067	52.84	nq	96
59) Diethylphthalate	10.18	149	1128466	48.81	nq	99
60) 4-Chlorophenyl-phenylether	10.30	204	482704	51.17	nq	# 83
61) 4-Nitroaniline	10.36	138	258334	39.61	nq	95
62) Azobenzene	10.46	77	1493319	56.85	nq	96
64) 4,6-Dinitro-2-methylphenol	10.39	198	176325	42.11	nq	# 62
65) n-Nitrosodiphenylamine	10.42	169	924700	42.85	nq	99
66) 4-Bromophenyl-phenylether	10.79	248	289574	42.37	nq	# 80
67) Hexachlorobenzene	10.86	284	283247	43.41	nq	96
68) Atrazine	10.95	200	286805	45.41	nq	98
69) Pentachlorophenol	11.06	266	180313	80.03	nq	97
70) Phenanthrene	11.27	178	1552876	42.10	nq	99
71) Anthracene	11.32	178	1477648	39.60	nq	100
72) Carbazole	11.49	167	1447940	41.31	nq	97
73) Di-n-butylphthalate	11.81	149	1789940	44.14	nq	# 96
74) Fluoranthene	12.45	202	1443471	40.51	nq	97
76) Benzidine	12.59	184	387739	25.35	nq	96
77) Pyrene	12.68	202	1440834	42.59	nq	100
79) Butylbenzylphthalate	13.29	149	710316	49.88	nq	100
80) Benzo(a)anthracene	13.87	228	1166347	42.46	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	284127	29.53	nq	96
82) Chrysene	13.91	228	1139644	44.84	nq	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	1020152	51.40	nq	# 97
84) Di-n-octyl phthalate	14.46	149	1498148	45.29	nq	95
85) Indeno(1,2,3-cd)pyrene	16.62	276	847252	39.83	nq	# 94
87) Benzo(b)fluoranthene	14.88	252	1259931m	58.90	nq	
88) Benzo(k)fluoranthene	14.92	252	626938m	30.39	nq	
89) Benzo(a)pyrene	15.23	252	887065	45.38	nq	97
90) Dibenzo(a,h)anthracene	16.62	278	707071	43.72	nq	96
91) Benzo(g,h,i)perylene	17.02	276	744458	44.85	nq	# 92

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

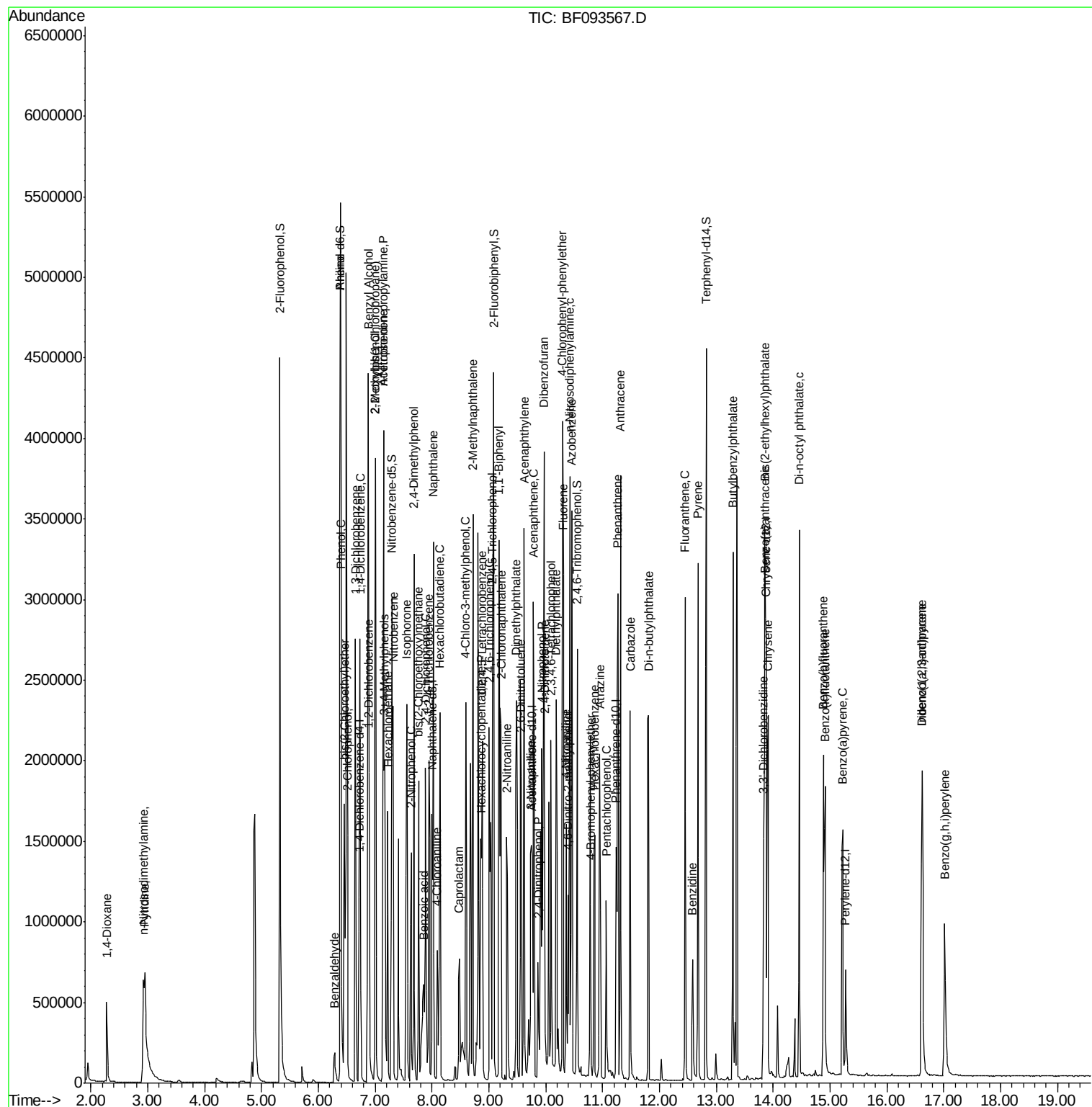
Data Path : Z:\HPCHEM1\BNA F\DATA\BF031117\
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Misc :
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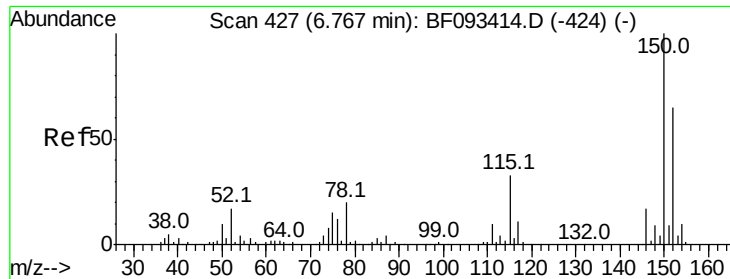
Instrument :
BNA_F
ClientSampleID :
PB97500BS

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#1

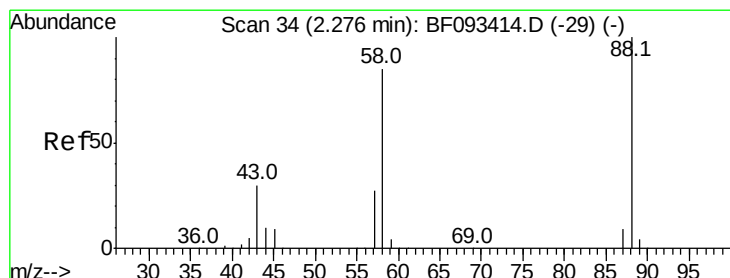
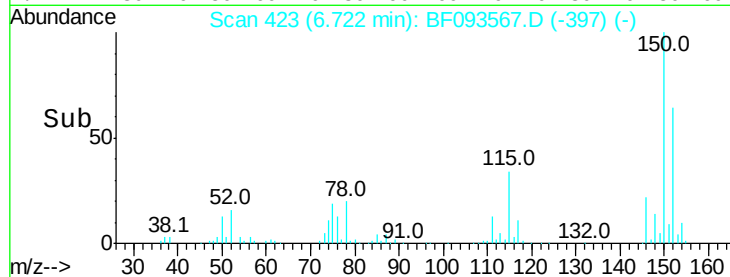
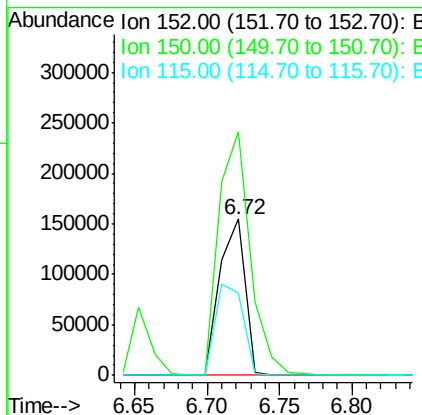
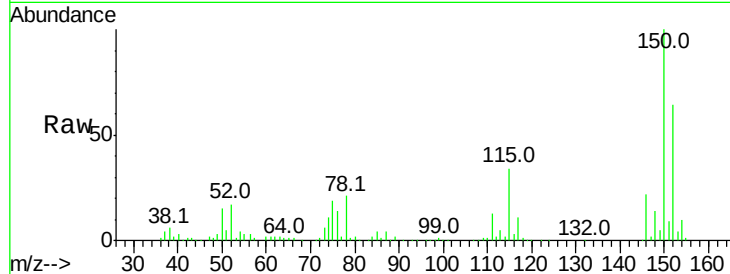
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.9	187.3
115	52.5	46.0	69.0

Manual Integrations
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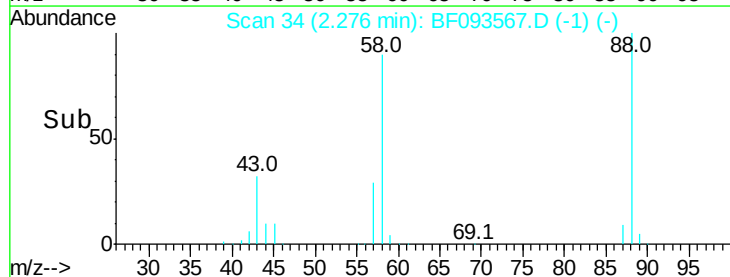
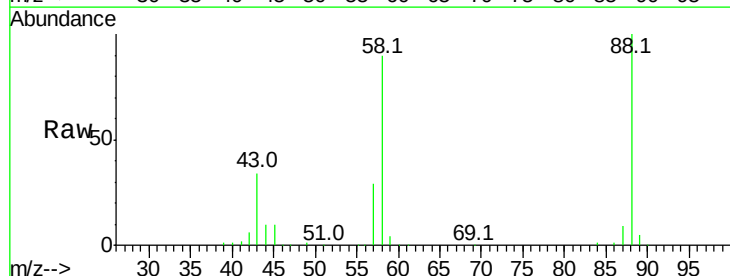
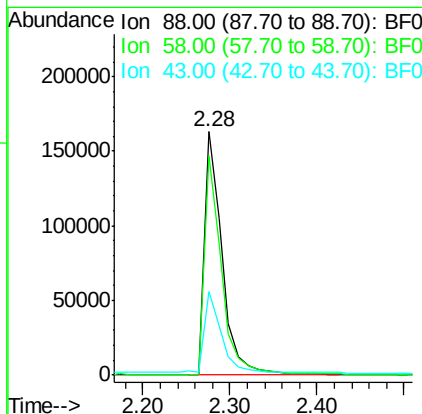
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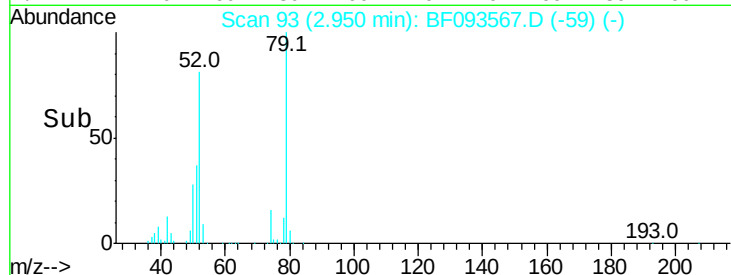
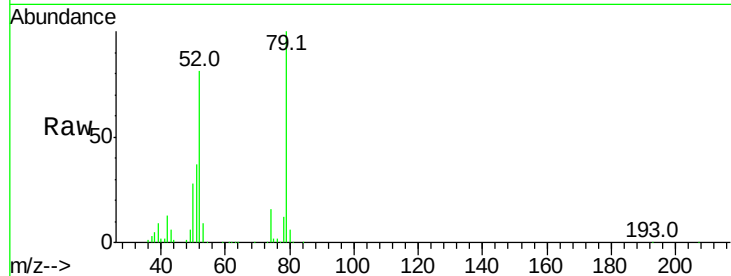
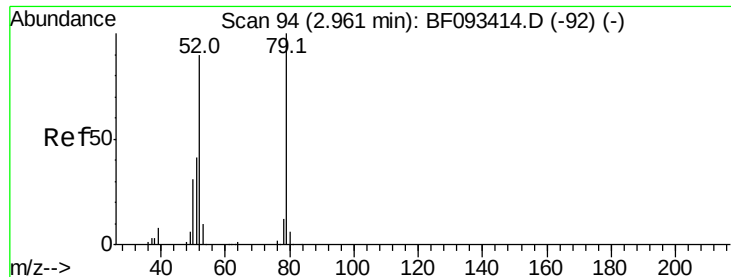


#2

1,4-Dioxane
Concen: 36.89 ng
RT: 2.28 min Scan# 34
Delta R.T. 0.09 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.6	57.8	86.8
43	31.4	22.3	33.5





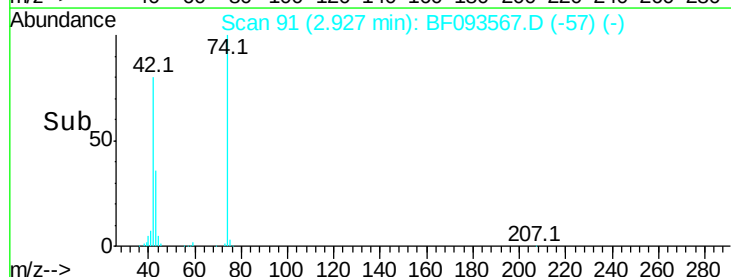
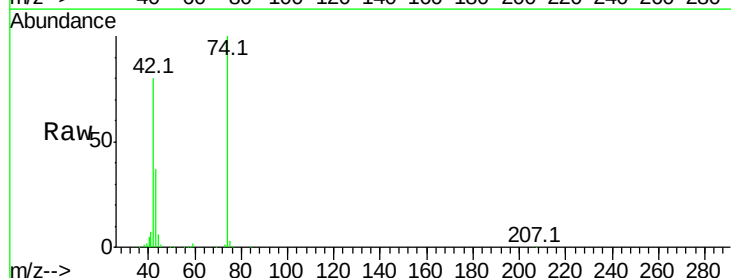
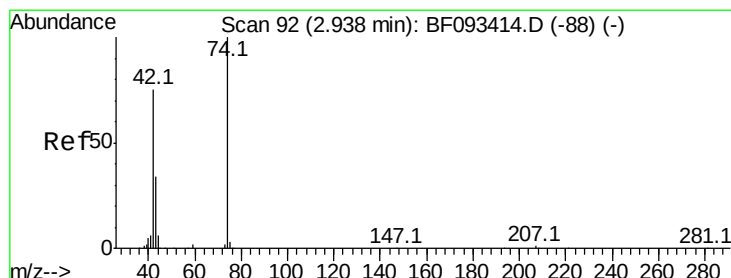
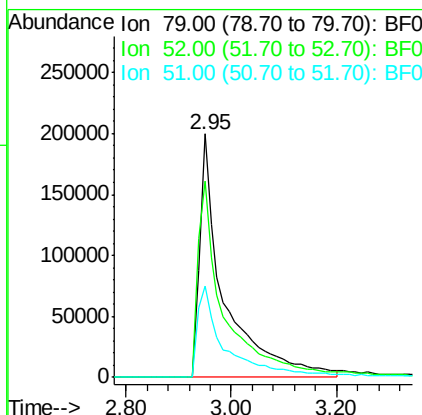
#3
Pvridine
Concen: 40.24 ng/ml
RT: 2.95 min Scan# 93
Delta R.T. 0.09 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	80.5	57.1	85.7
51	51	37.4	27.3	40.9

Instrument :
BNA_F
ClientSampleId :
PB97500BS

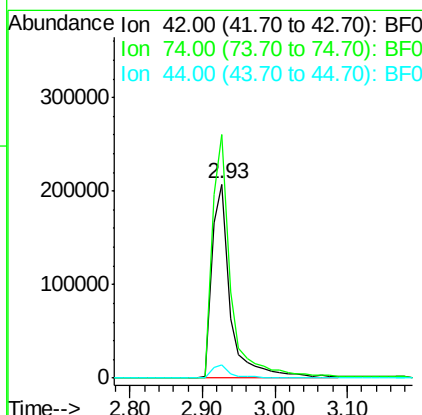
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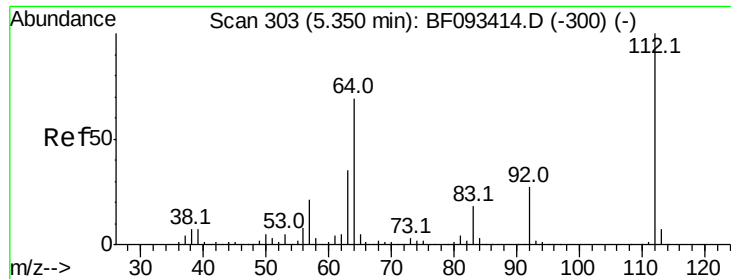
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#4
n-Nitrosodimethylamine
Concen: 48.98 ng/ml
RT: 2.93 min Scan# 91
Delta R.T. 0.09 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	125.5	117.0	175.4
44	44	7.0	5.5	8.3





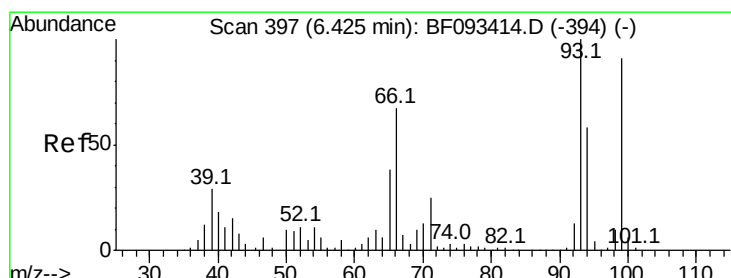
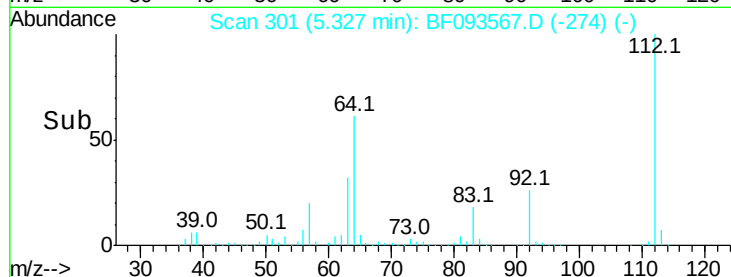
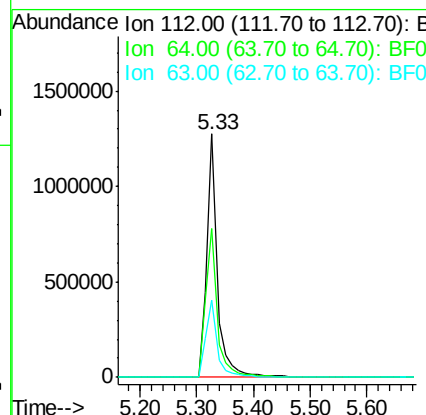
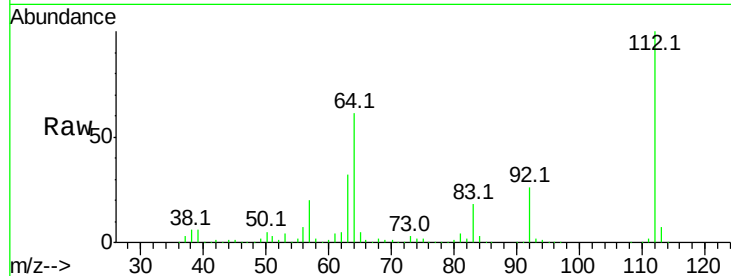
#5
2-Fluorophenol
Concen: 141.93 ng
RT: 5.33 min Scan# 301
Delta R.T. 0.01 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion: 112 Resp: 1604452
Ion Ratio Lower Upper
112 100
64 60.9 46.1 69.1
63 31.7 23.8 35.6

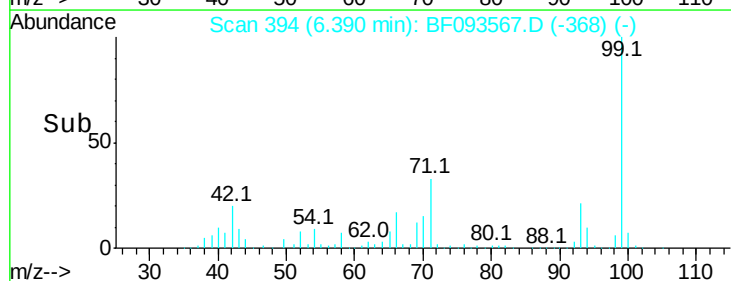
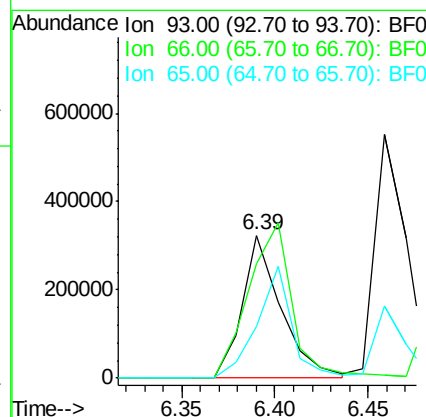
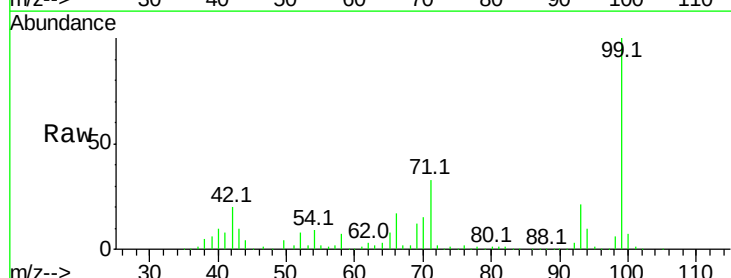
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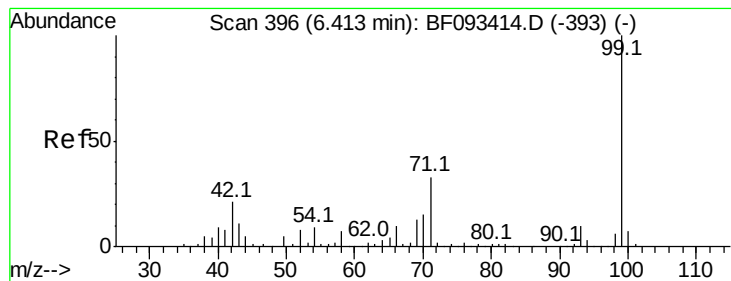
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#6
Aniline
Concen: 24.09 ng
RT: 6.39 min Scan# 394
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion: 93 Resp: 471288
Ion Ratio Lower Upper
93 100
66 79.8 76.2 114.2
65 36.2 49.3 73.9#





#7

Phenol-d6

Concen: 132.94 ng

RT: 6.39 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

PB97500BS

Tot Ion: 99 Resp: 1895164

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

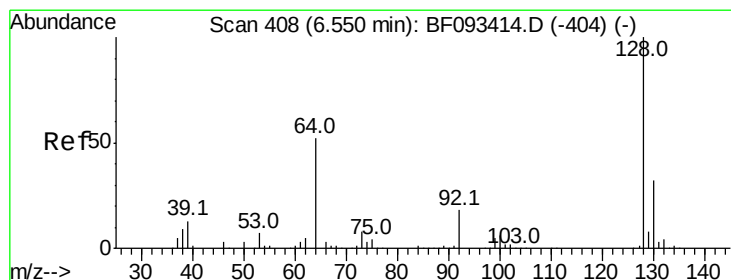
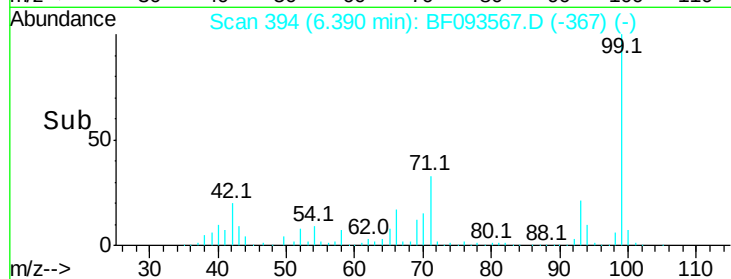
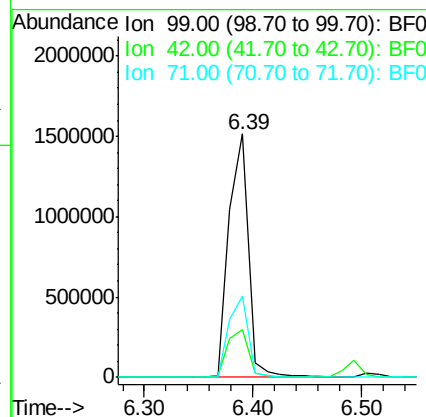
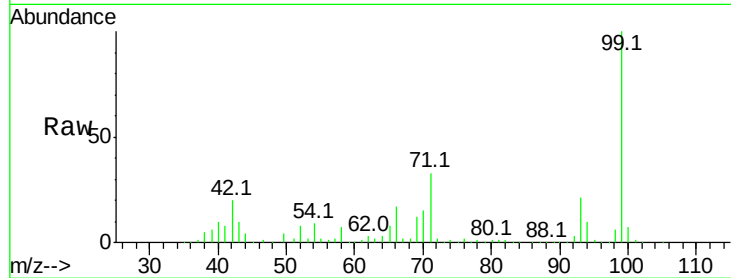
71 33.3 27.5 41.3

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#8

2-Chlorophenol

Concen: 45.80 ng

RT: 6.52 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

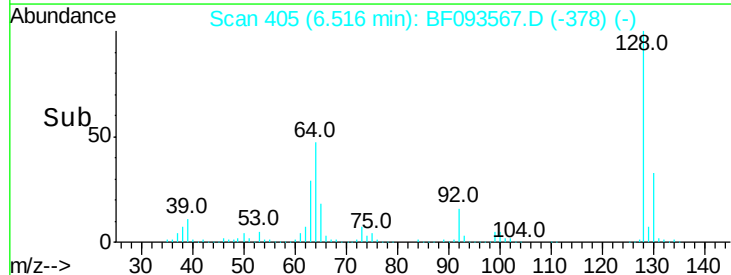
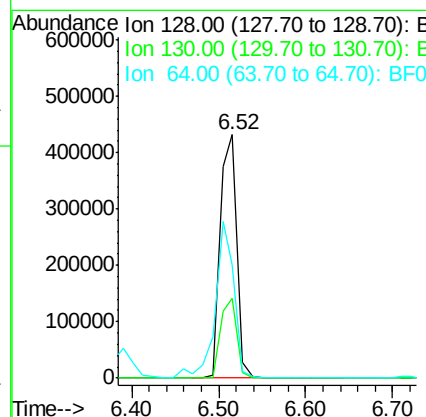
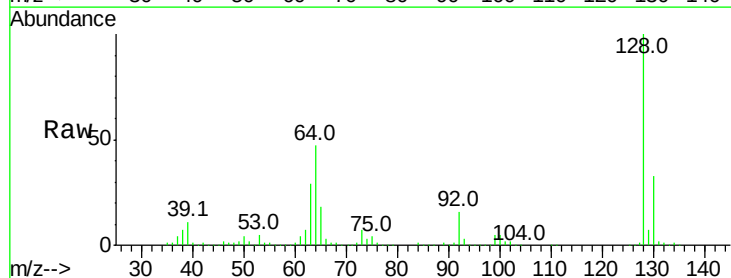
Tgt Ion:128 Resp: 580183

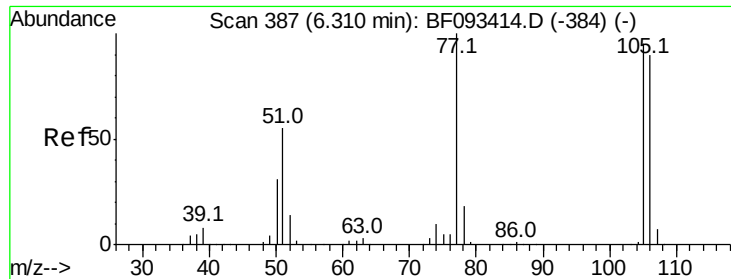
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 46.5 32.2 72.2





#9

Benzaldehyde

Concen: 7.11 ng

RT: 6.29 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampled :

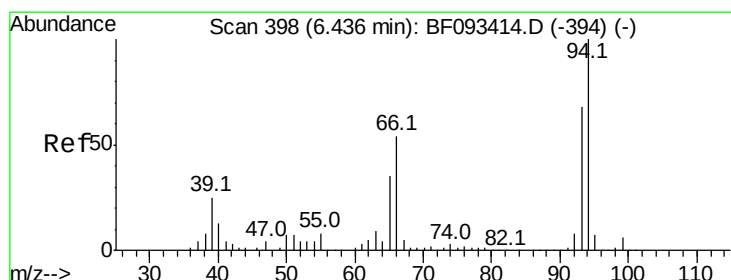
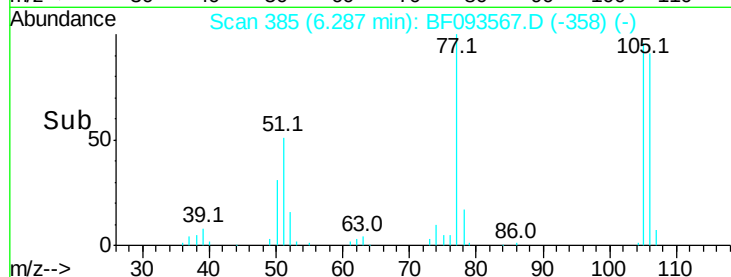
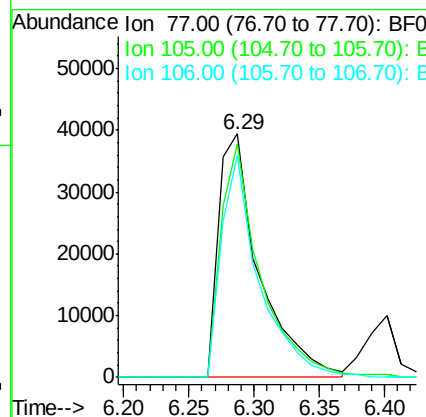
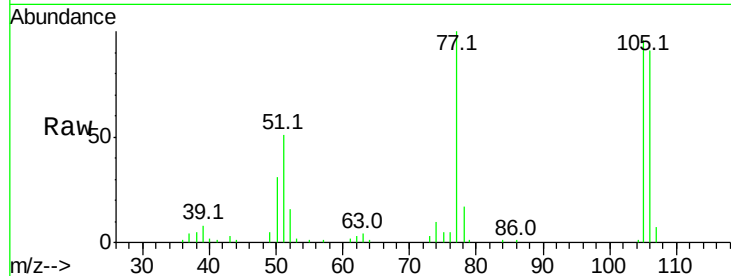
PB97500BS

Tot Ion: 77 Resp: 86326

Ion	Ratio	Lower	Upper
77	100		
105	95.8	83.9	123.9
106	91.3	77.6	117.6

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#10

Phenol

Concen: 49.89 ng

RT: 6.40 min Scan# 395

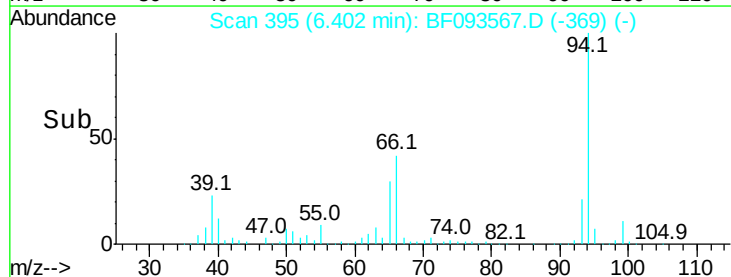
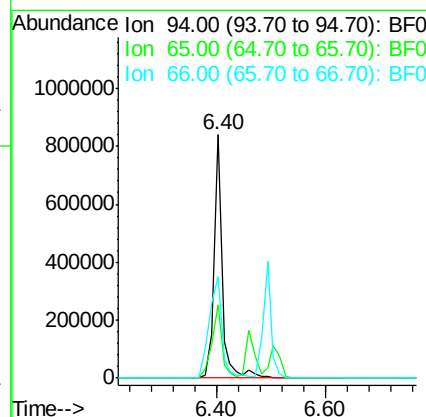
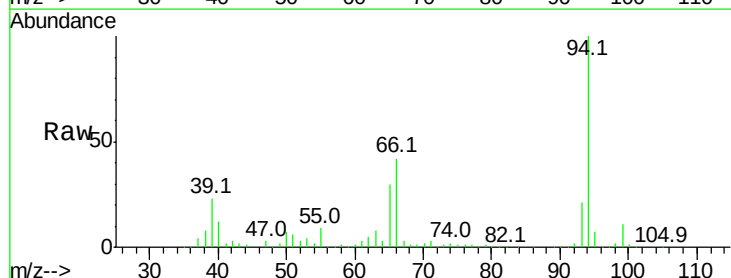
Delta R.T. 0.00 min

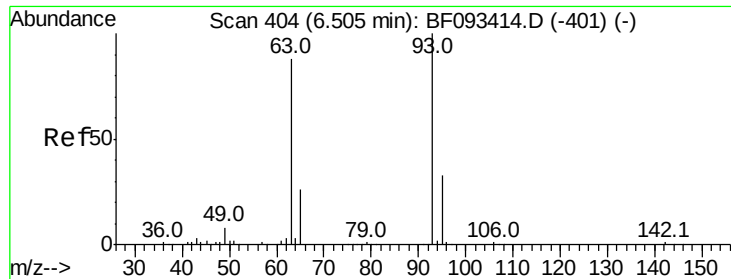
Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Tgt Ion: 94 Resp: 871534

Ion	Ratio	Lower	Upper
94	100		
65	30.2	21.4	61.4
66	41.8	44.0	84.0#





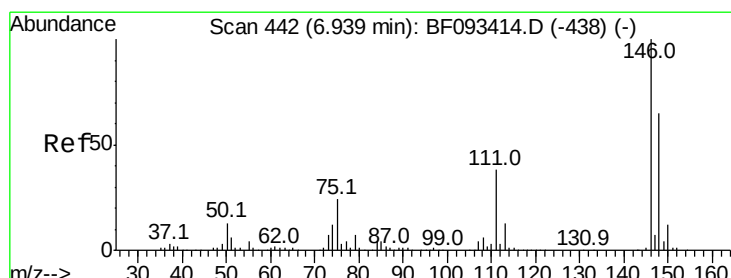
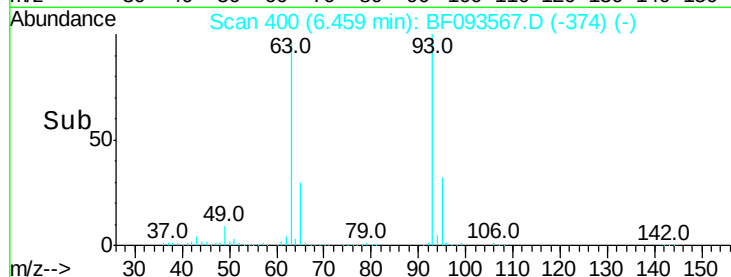
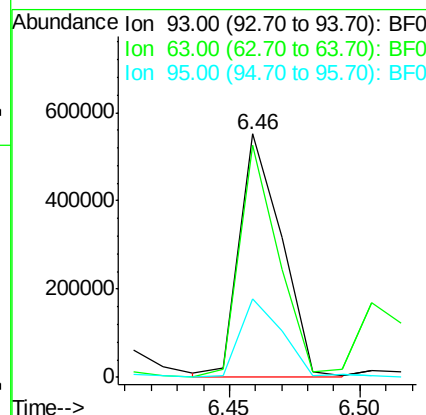
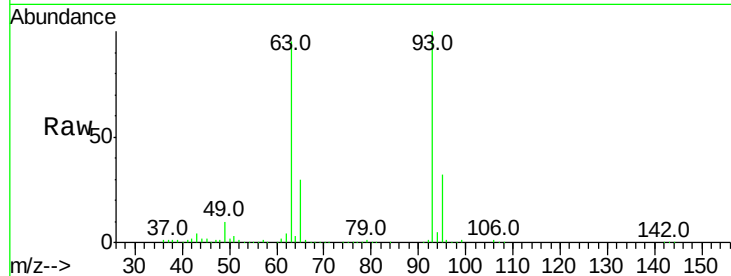
#11
bis(2-Chloroethyl)ether
Concen: 44.15 ng
RT: 6.46 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	95.5	60.4	100.4
95	32.2	12.8	52.8

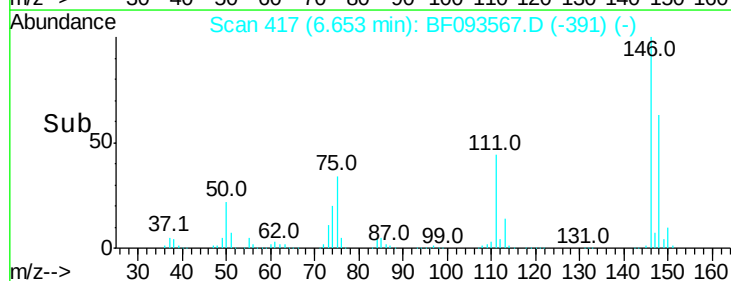
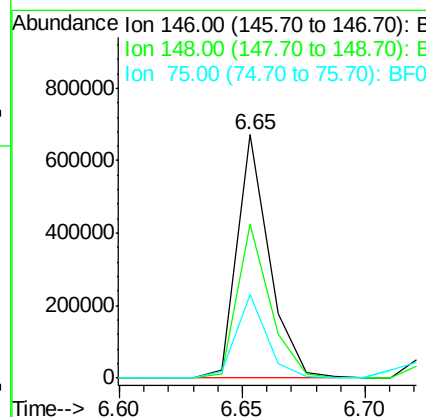
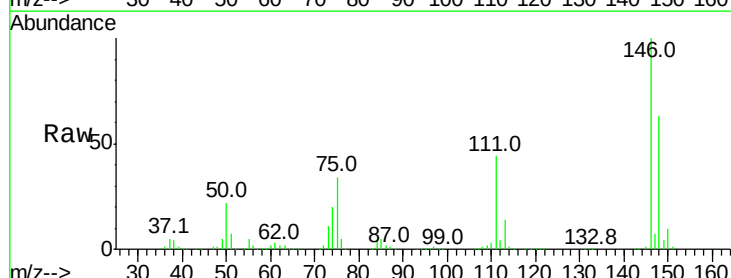
Manual Integrations
APPROVED

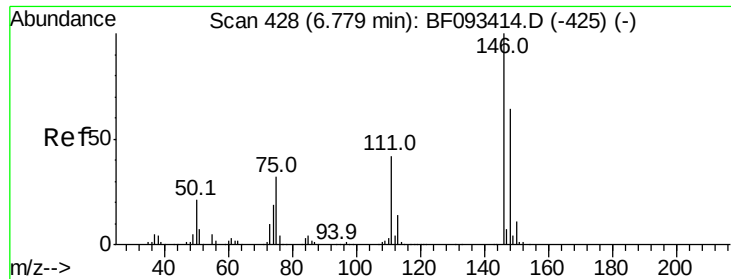
mohammad
3/15/2017 5:31:15 PM



#12
1,3-Dichlorobenzene
Concen: 42.28 ng m
RT: 6.65 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.4	80.0
75	34.2	18.5	27.7





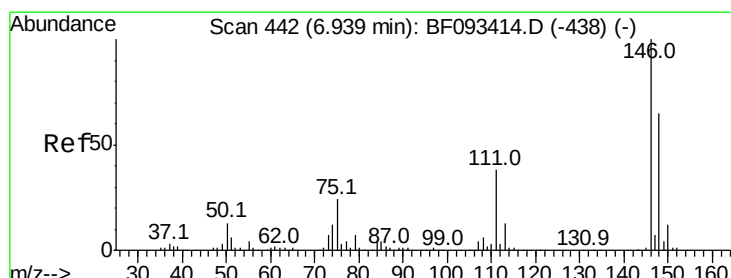
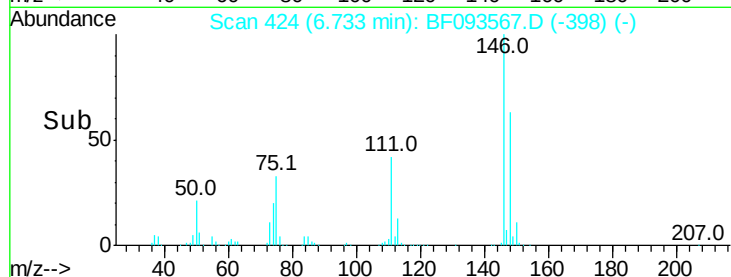
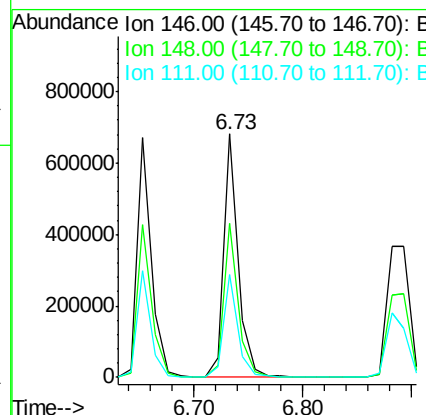
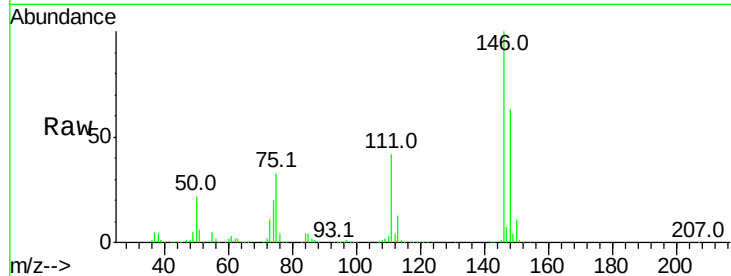
#13
1,4-Dichlorobenzene
Concen: 42.97 ng
RT: 6.73 min Scan# 424
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	42.4	36.2	54.4

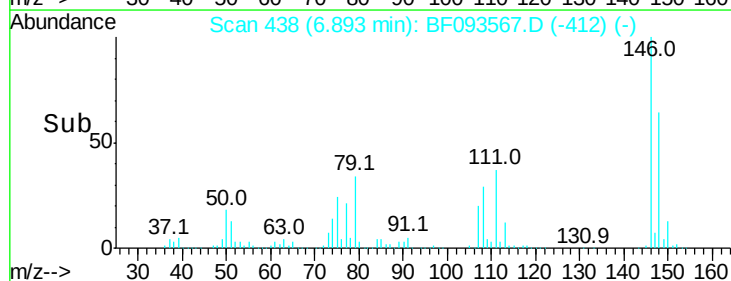
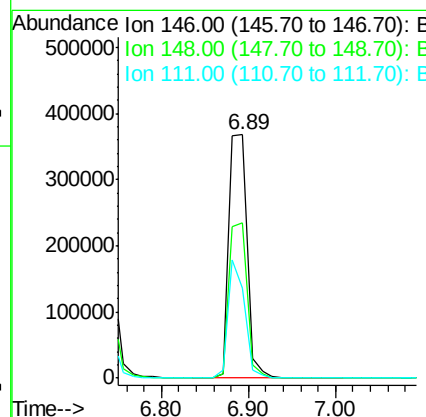
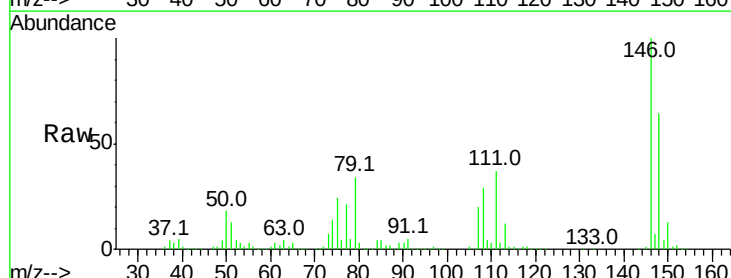
Manual Integrations
APPROVED

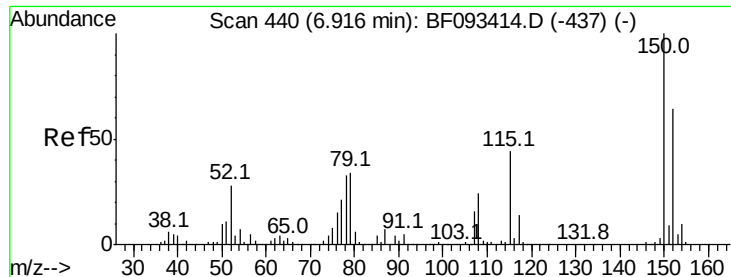
mohammad
3/15/2017 5:31:15 PM



#14
1,2-Dichlorobenzene
Concen: 41.08 ng
RT: 6.89 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.2
111	36.9	36.2	54.2





#15

Benzyl Alcohol

Concen: 47.31 ng

RT: 6.88 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

PB97500BS

Tot Ion: 79 Resp: 480775

Ion Ratio Lower Upper

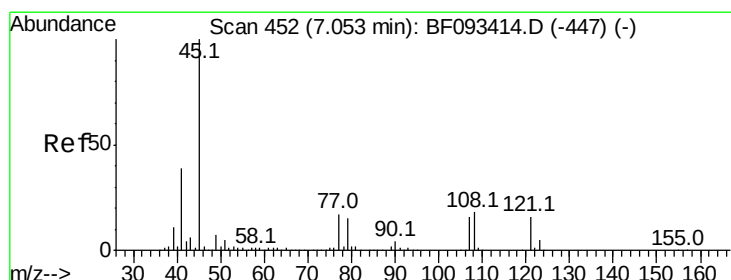
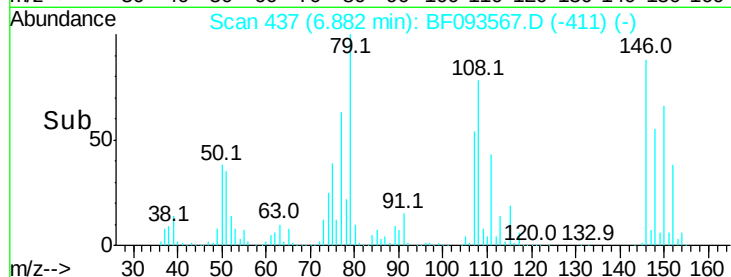
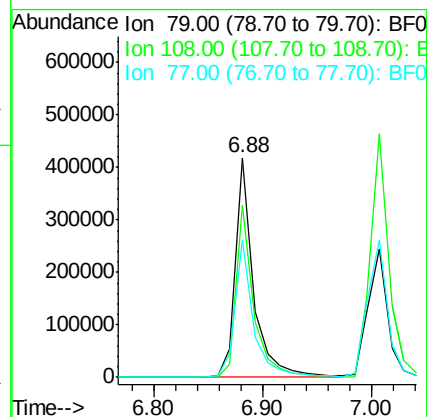
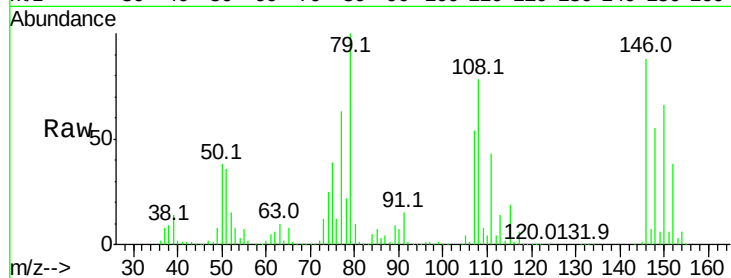
79 100

108 78.3 61.4 92.0

77 62.7 50.9 76.3

Manual Integrations
APPROVED

mohammad
3/15/2017 5:31:15 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.79 ng

RT: 7.01 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

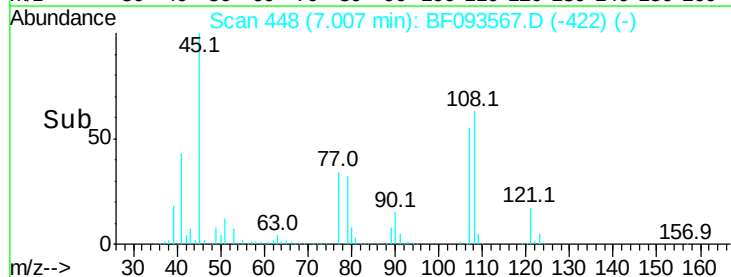
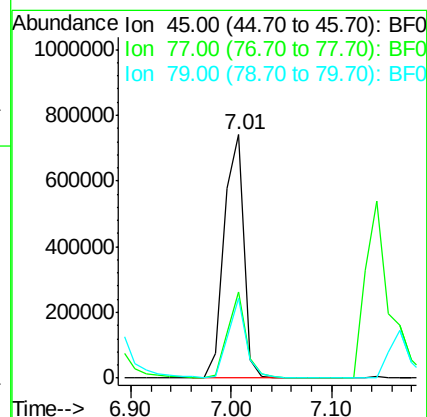
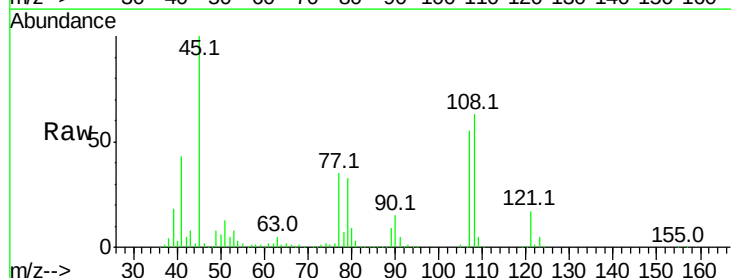
Tgt Ion: 45 Resp: 1003605

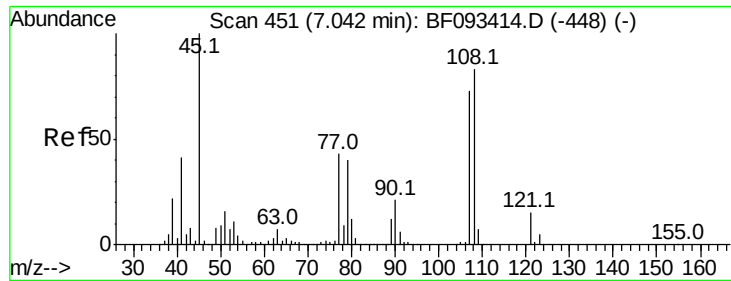
Ion Ratio Lower Upper

45 100

77 35.2 0.0 34.6#

79 32.9 0.0 31.2#





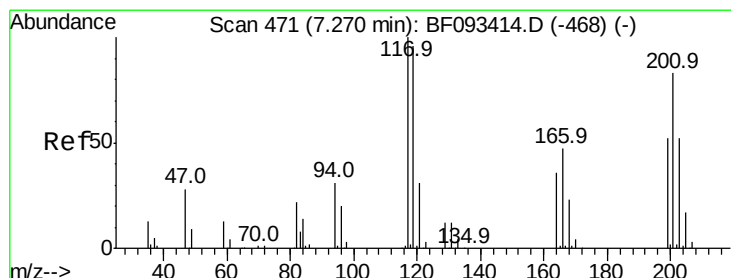
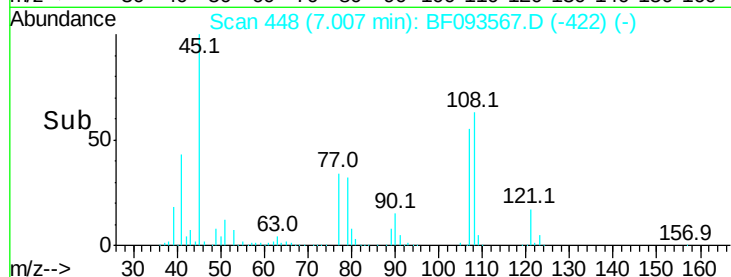
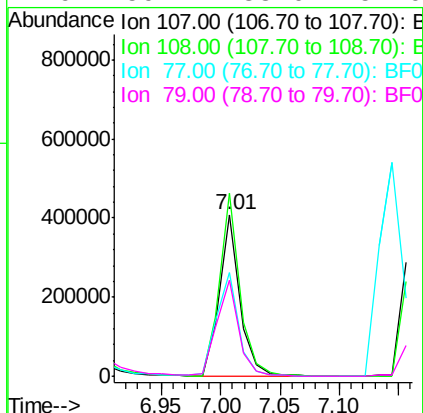
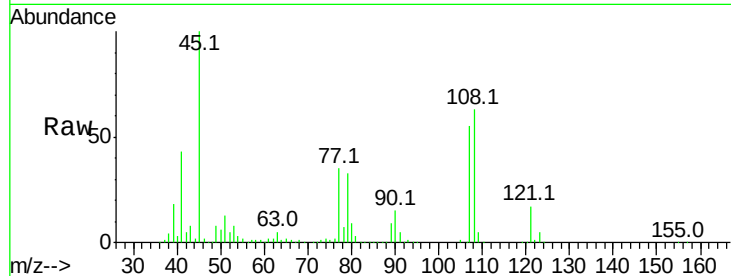
#17
2-Methylphenol
Concen: 44.51 ng
RT: 7.01 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.7	93.0	139.6
77	63.9	39.8	59.8#
79	59.7	38.0	57.0#

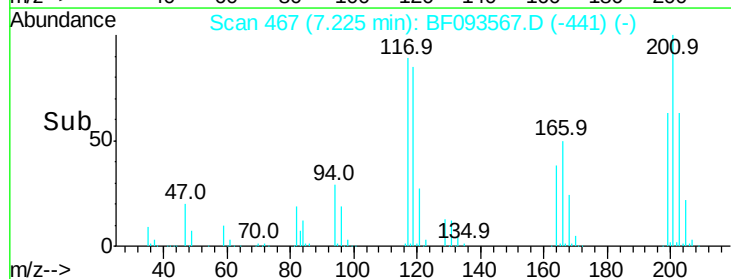
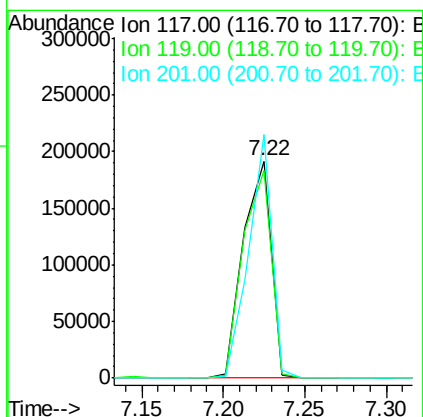
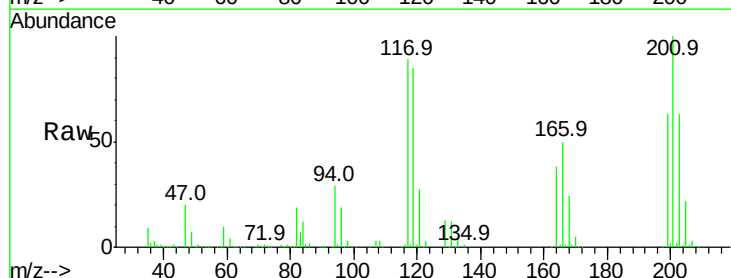
Manual Integrations
APPROVED

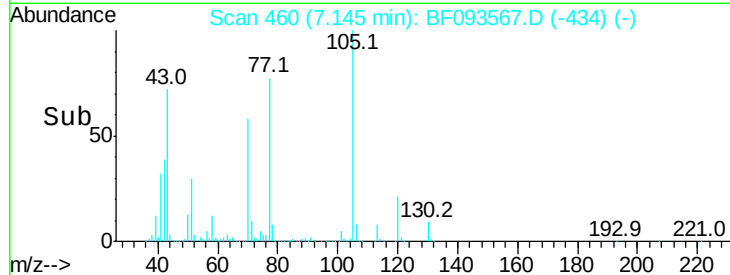
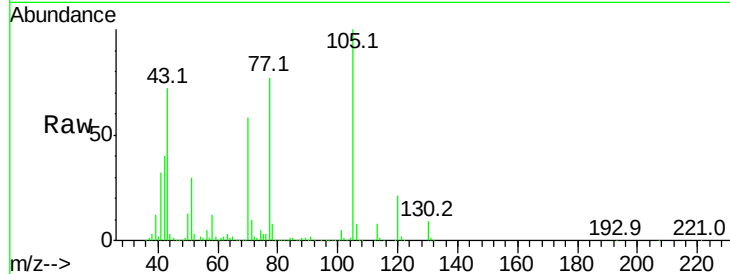
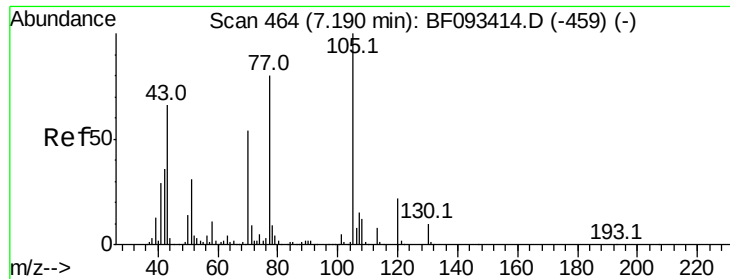
mohammad
3/15/2017 5:31:15 PM



#18
Hexachloroethane
Concen: 45.38 ng
RT: 7.22 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.1	117.1
201	112.3	78.6	117.8





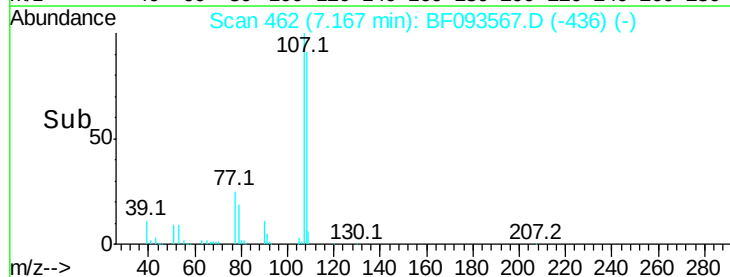
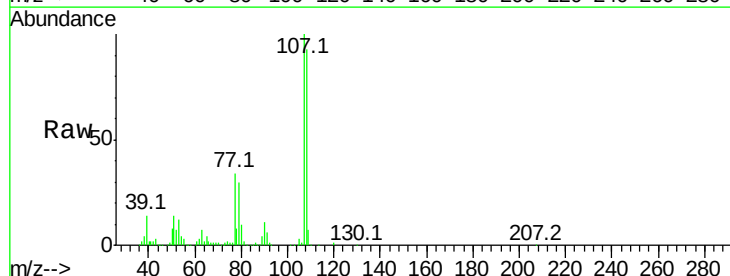
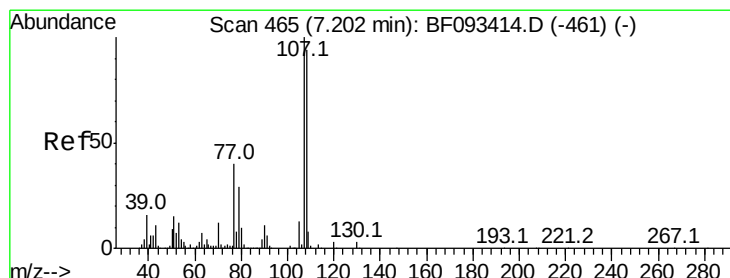
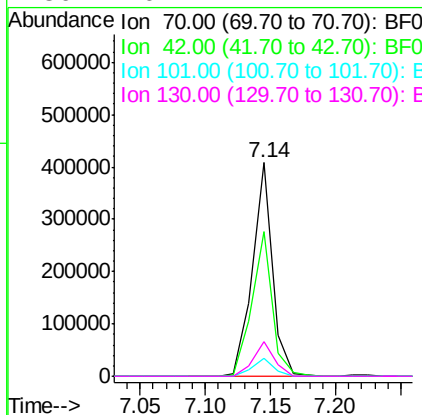
#19
n-Nitroso-di-n-propylamine
Concen: 44.68 ng
RT: 7.14 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	67.9	49.4	74.0
101	8.5	7.4	11.2
130	16.1	14.2	21.4

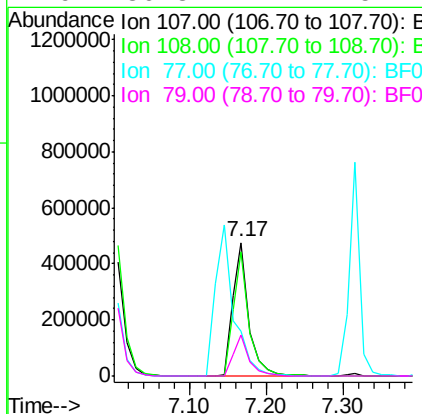
Manual Integrations
APPROVED

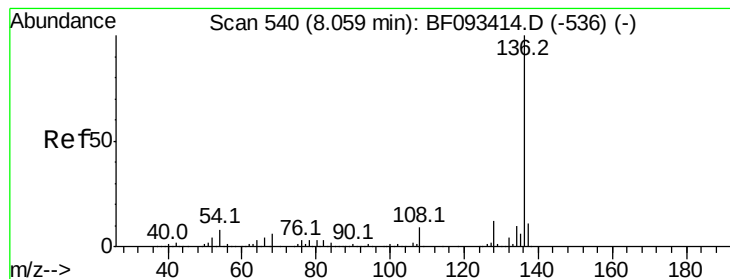
mohammad
3/15/2017 5:31:15 PM



#20
3+4-Methylphenols
Concen: 50.37 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.4	73.0	113.0
77	33.6	71.3	111.3
79	30.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

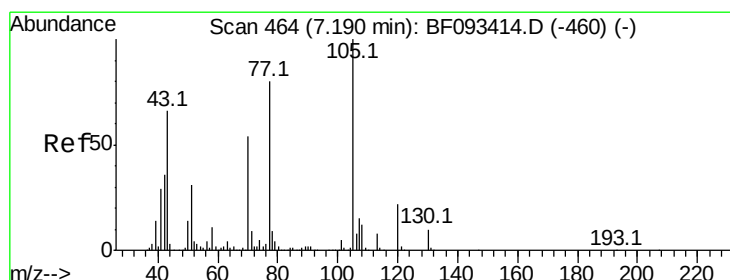
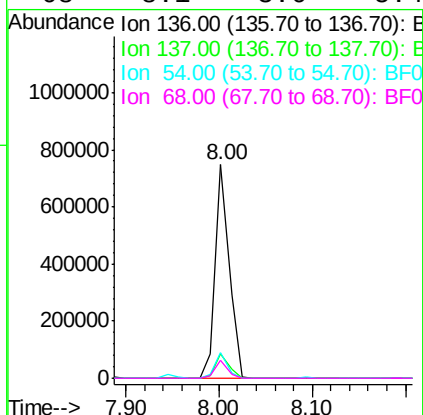
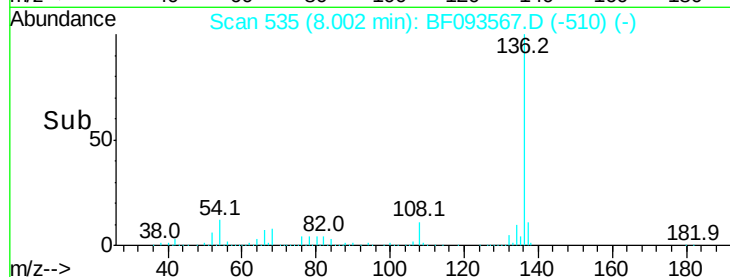
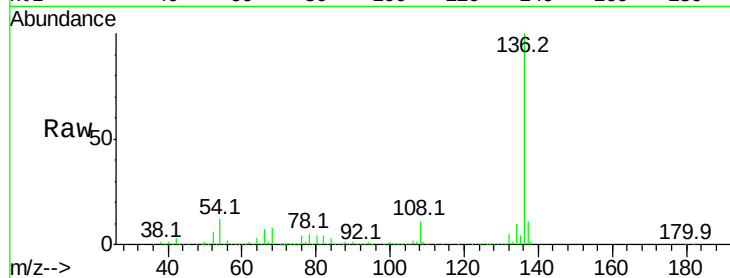
ClientSampleId :

PB97500BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.4	12.6	
54	11.9	4.5	6.7#	
68	8.1	3.6	5.4#	

Manual Integrations
APPROVED

mohammad
3/15/2017 5:31:15 PM



#22

Acetophenone

Concen: 45.29 ng

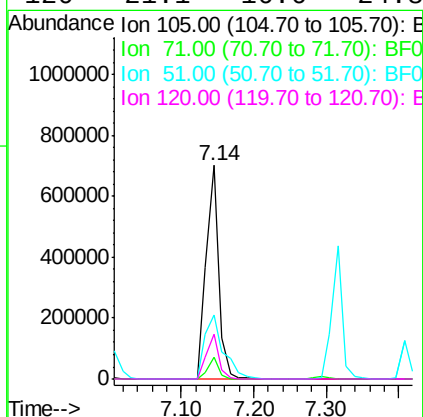
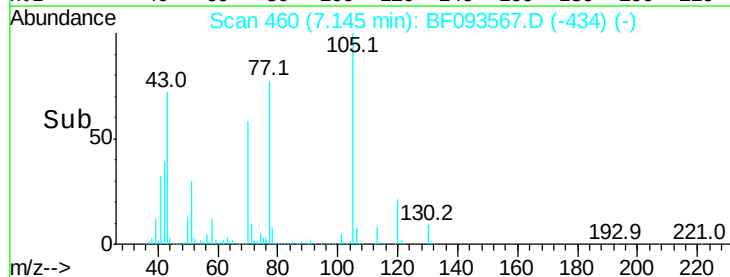
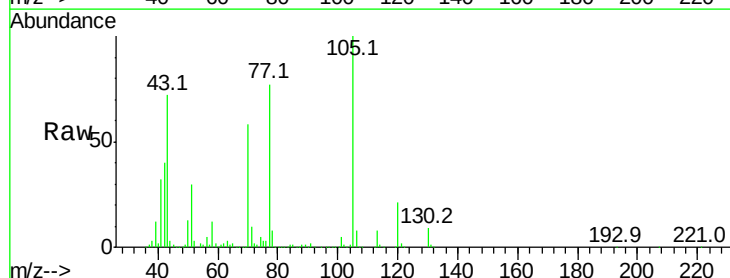
RT: 7.14 min Scan# 460

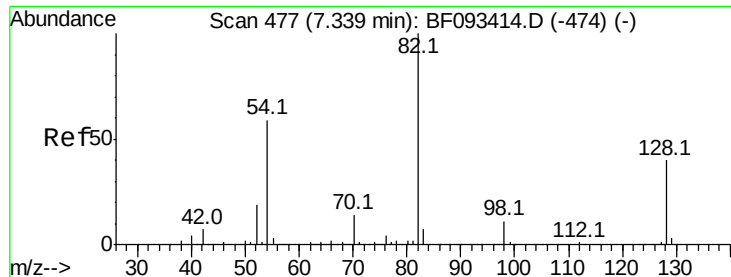
Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.1	3.2	4.8#	
51	29.8	26.2	39.4	
120	21.1	16.6	24.8	





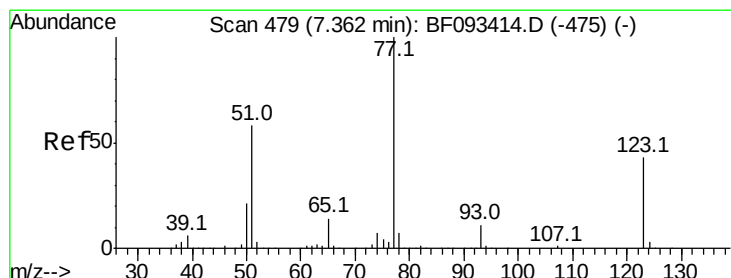
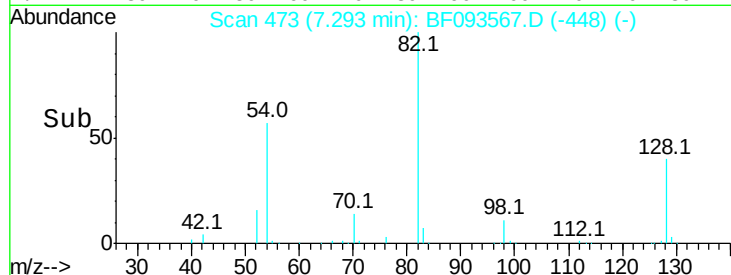
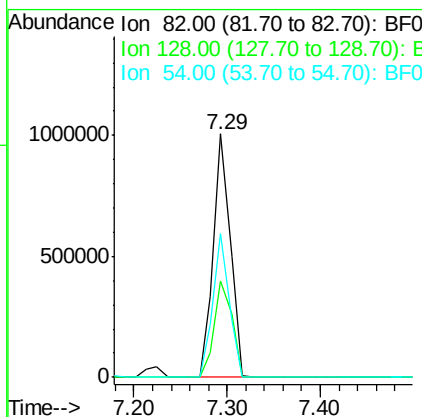
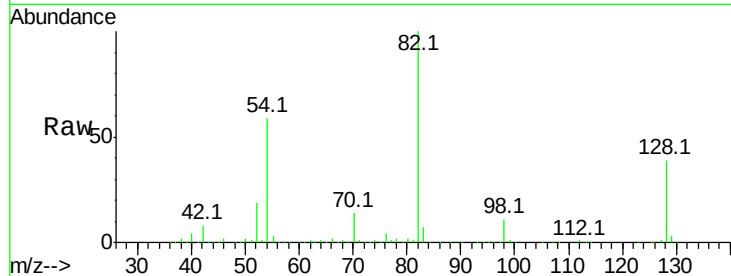
#23
Nitrobenzene-d5
Concen: 90.98 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampled :
PB97500BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.6	52.0
54	59.0	39.5	59.3

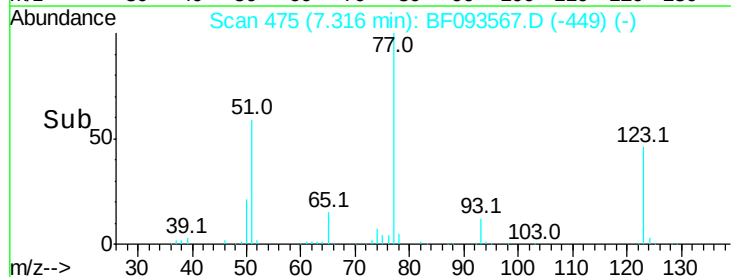
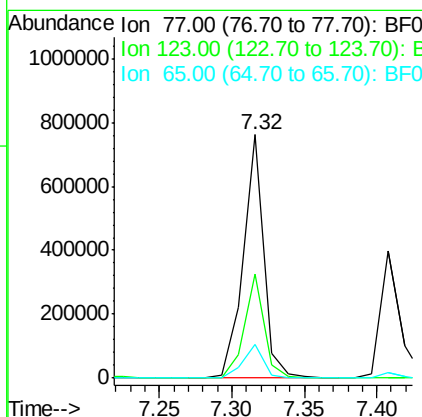
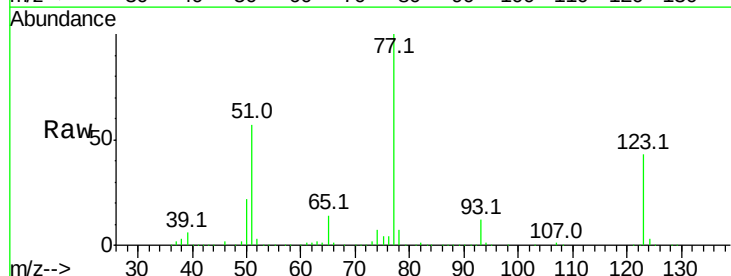
Manual Integrations
APPROVED

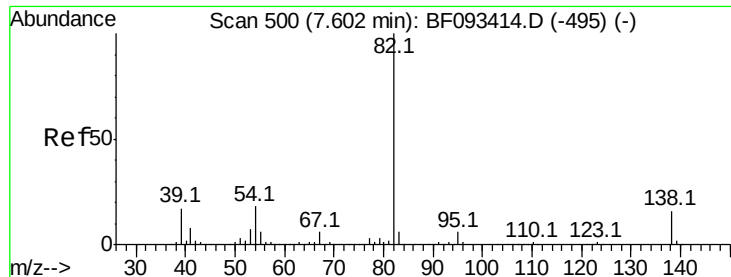
mohammad
3/15/2017 5:31:15 PM



#24
Nitrobenzene
Concen: 47.34 ng
RT: 7.32 min Scan# 475
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 46.47 ng

RT: 7.56 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

PB97500BS

Tot Ion: 82 Resp: 1312162

Ion Ratio Lower Upper

82 100

95 6.7 5.6 8.4

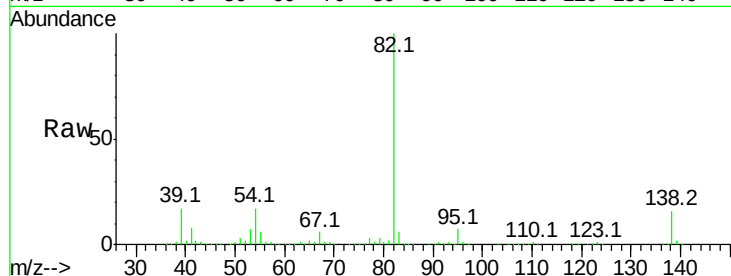
138 16.0 14.6 22.0

Manual Integrations

APPROVED

mohammad

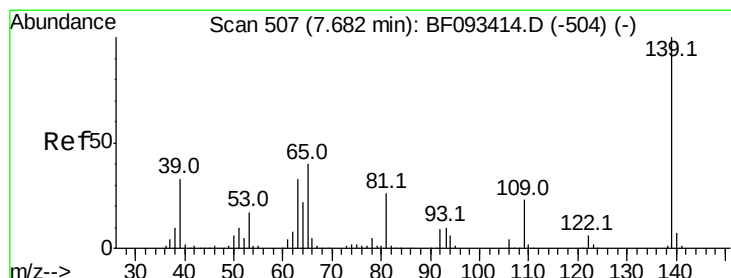
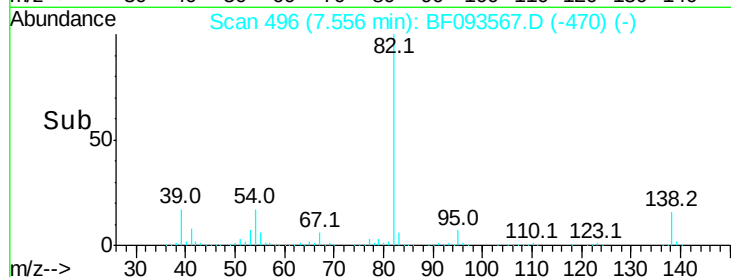
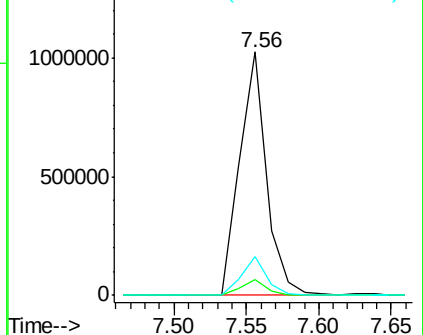
3/15/2017 5:31:15 PM



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 45.70 ng

RT: 7.64 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

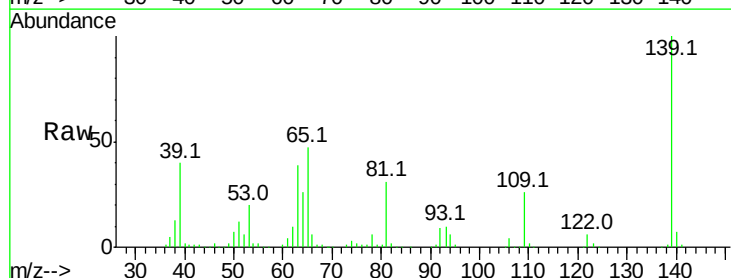
Tgt Ion:139 Resp: 328147

Ion Ratio Lower Upper

139 100

109 25.7 23.3 34.9

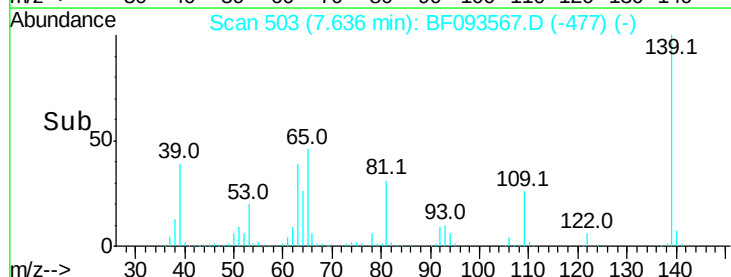
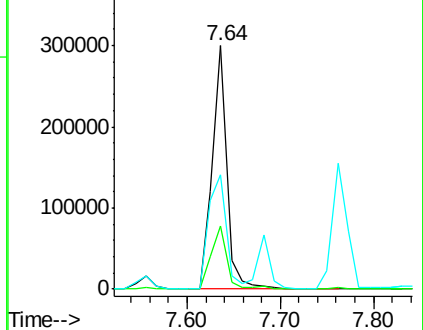
65 46.9 42.7 64.1

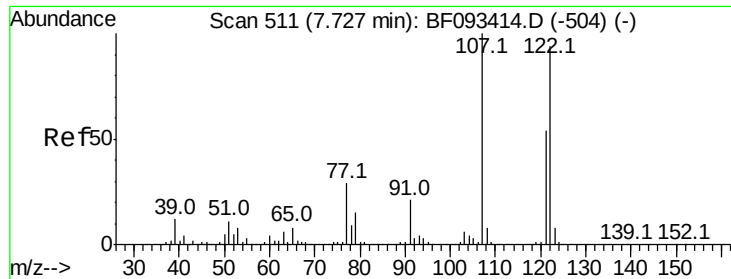


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





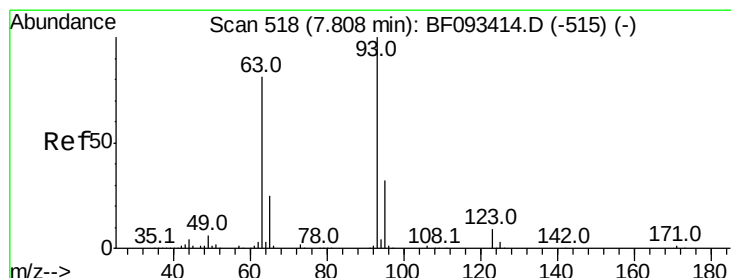
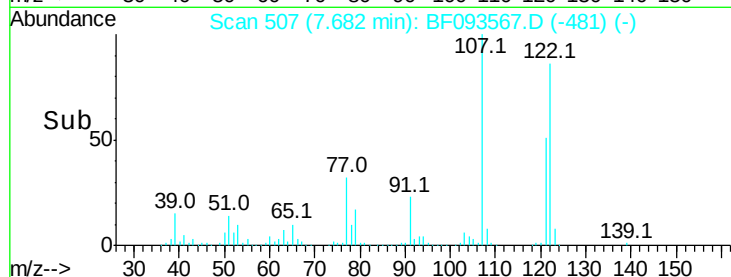
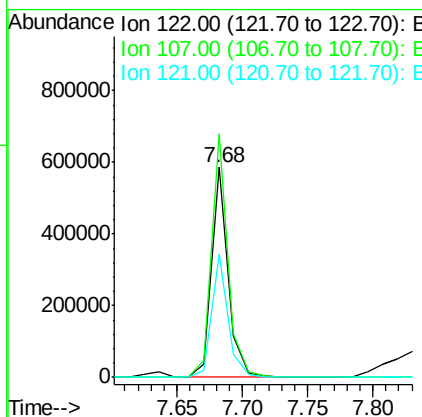
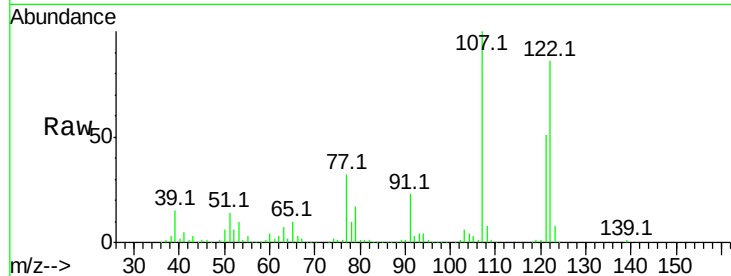
#27
 2,4-Dimethylphenol
 Concen: 44.16 ng
 RT: 7.68 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97500BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.9	94.1	141.1
121	58.8	46.0	69.0

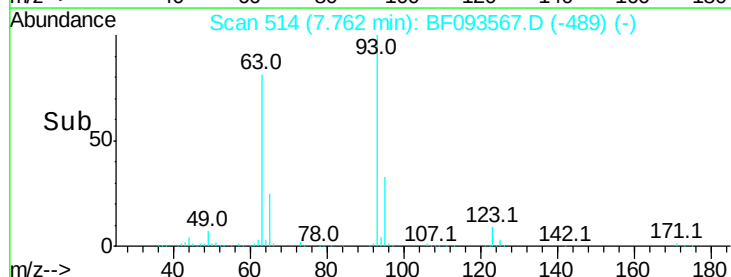
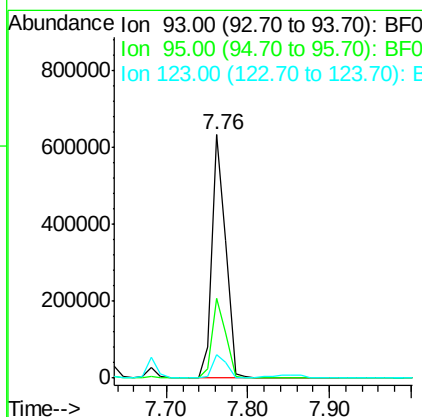
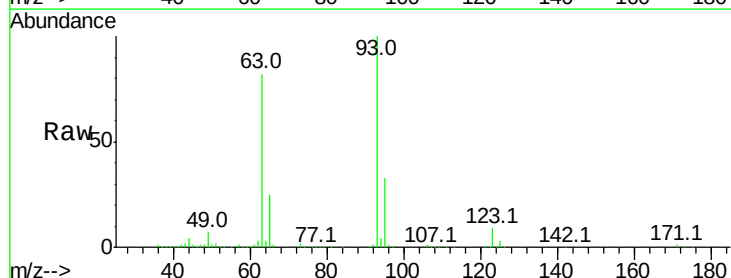
Manual Integrations
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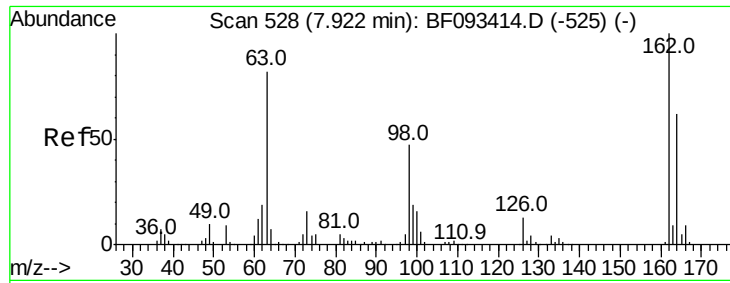
mohammad
 3/15/2017 5:31:15 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.19 ng
 RT: 7.76 min Scan# 514
 Delta R.T. -0.01 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.5	39.7
123	9.4	8.6	13.0





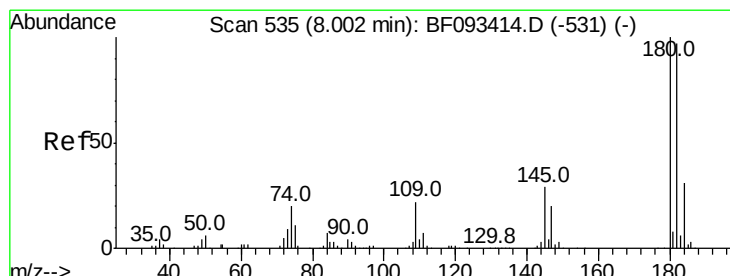
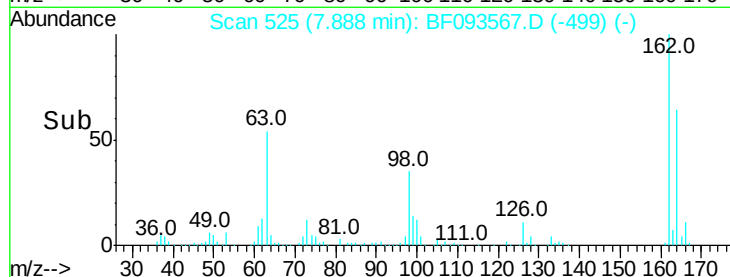
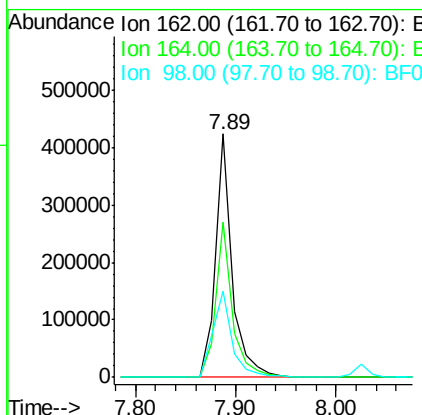
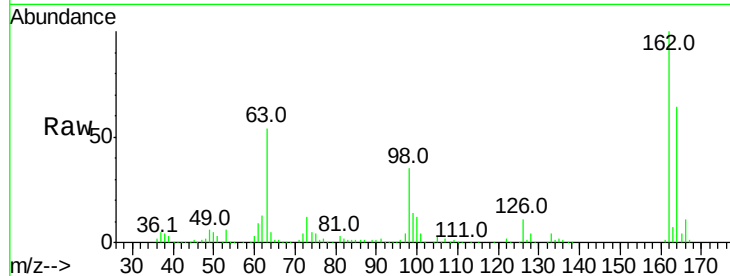
#29
 2,4-Dichlorophenol
 Concen: 44.29 ng
 RT: 7.89 min Scan# 525
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97500BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.5	46.8	86.8
98	35.2	9.1	49.1

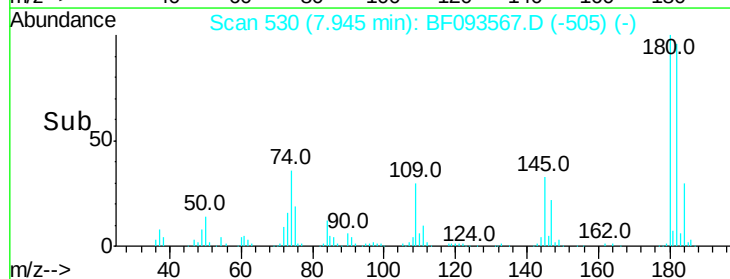
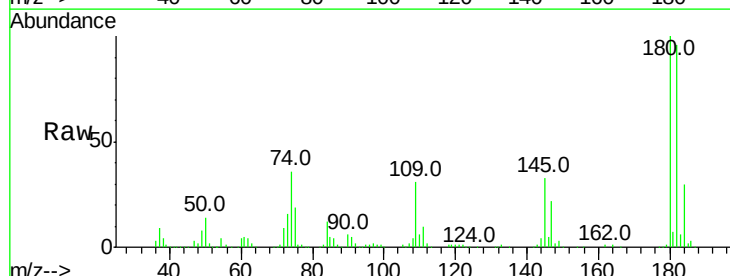
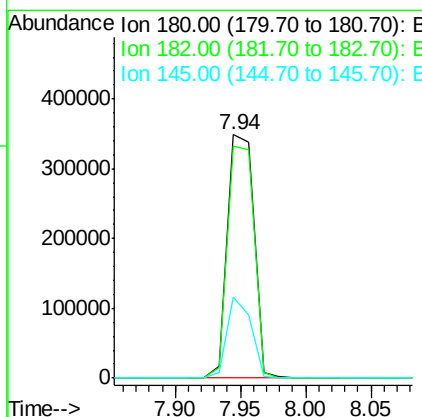
Manual Integrations
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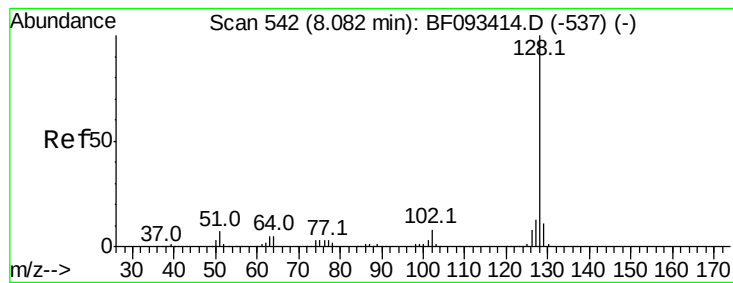
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 42.03 ng
 RT: 7.94 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	78.2	117.4
145	33.2	21.6	32.4#





#31

Naphthalene

Concen: 39.65 ng

RT: 8.02 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

PB97500BS

Tot Ion:128 Resp: 1543551

Ion Ratio Lower Upper

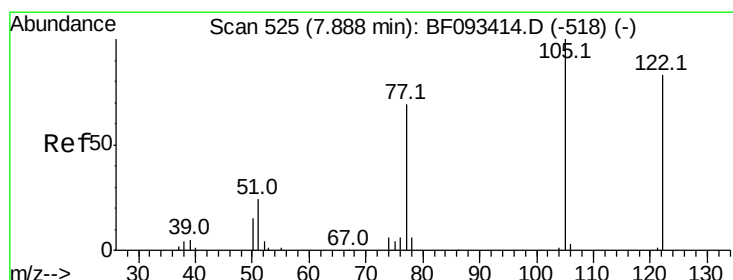
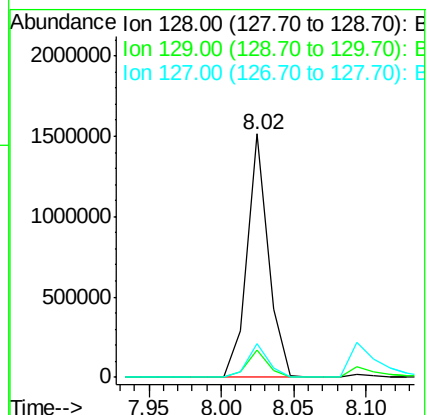
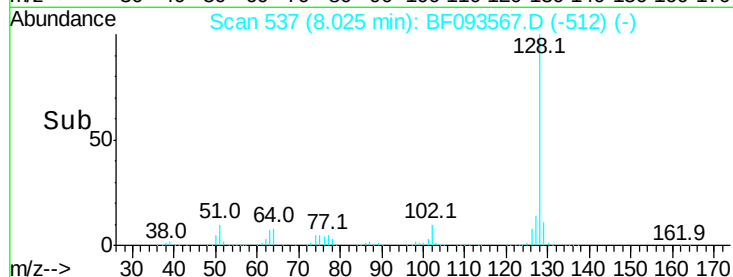
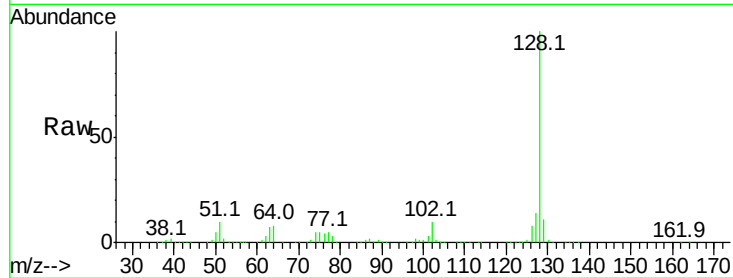
128 100

129 11.5 9.5 14.3

127 13.9 10.8 16.2

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#32

Benzoic acid

Concen: 58.17 ng

RT: 7.85 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

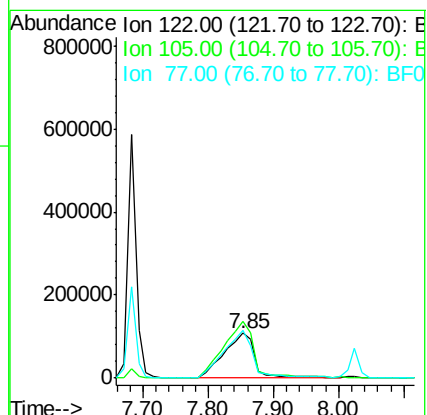
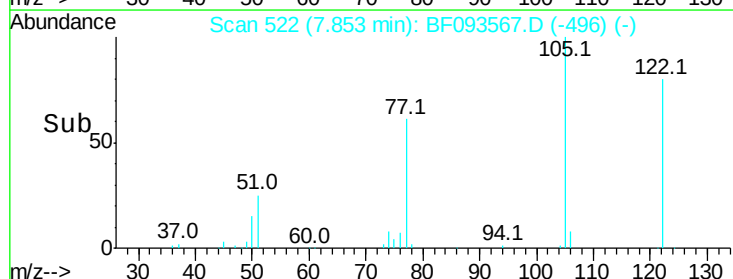
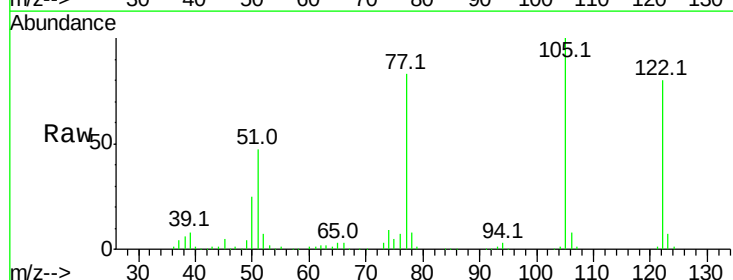
Tgt Ion:122 Resp: 353059

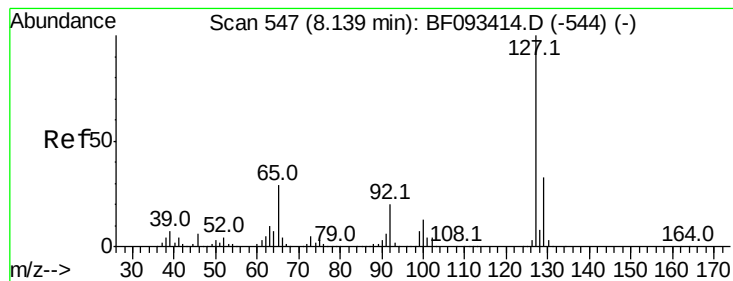
Ion Ratio Lower Upper

122 100

105 125.7 107.2 147.2

77 104.7 74.5 114.5





#33

4-Chloroaniline

Concen: 19.35 ng

RT: 8.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

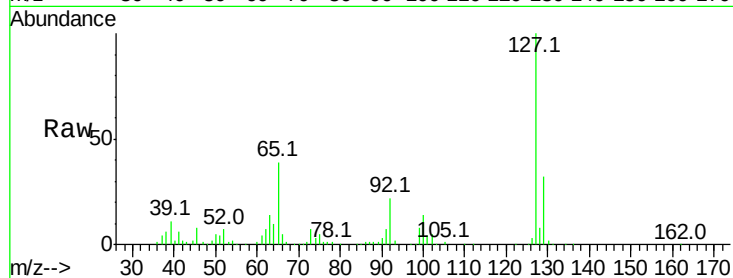
ClientSampleId :

PB97500BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.3	39.5	
65	38.9	25.8	38.8	
92	22.2	16.1	24.1	

Manual Integrations
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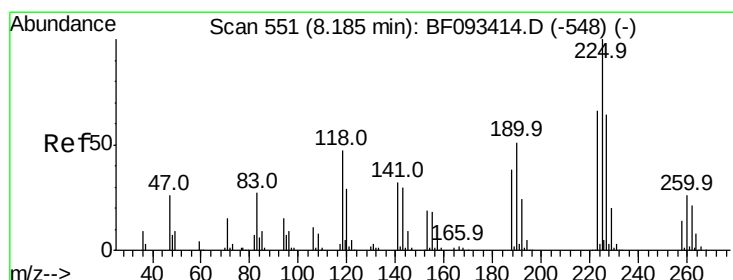
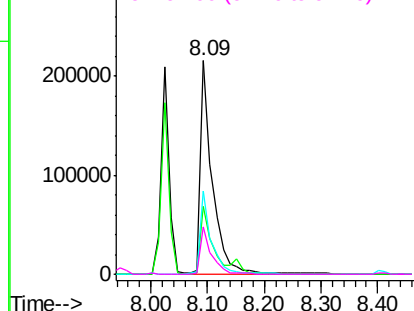
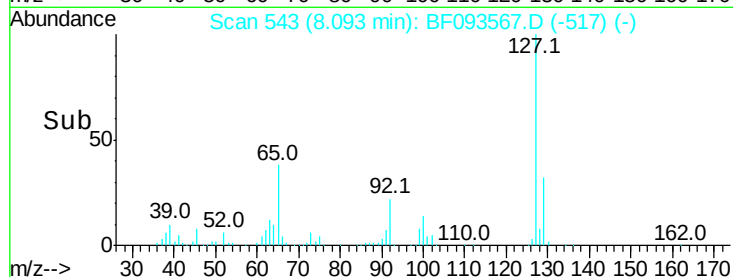


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.03 ng

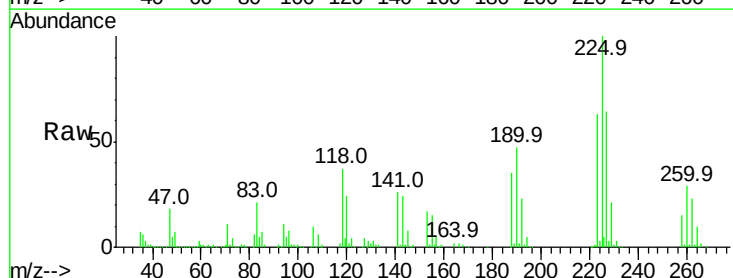
RT: 8.14 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

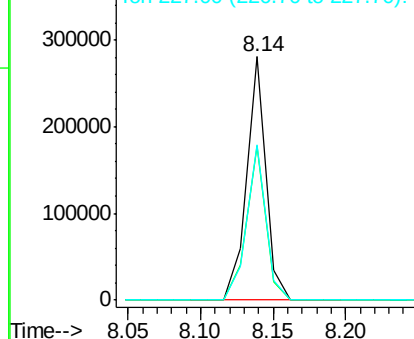
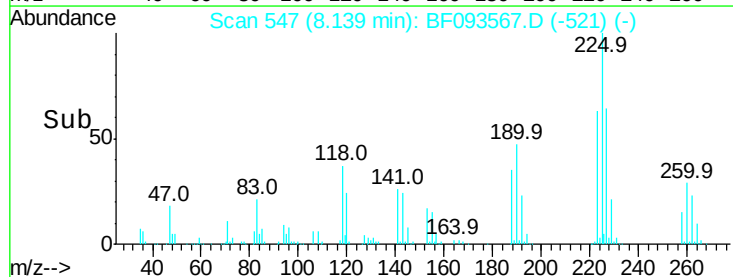
Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	51.0	76.6	
227	63.9	50.6	76.0	

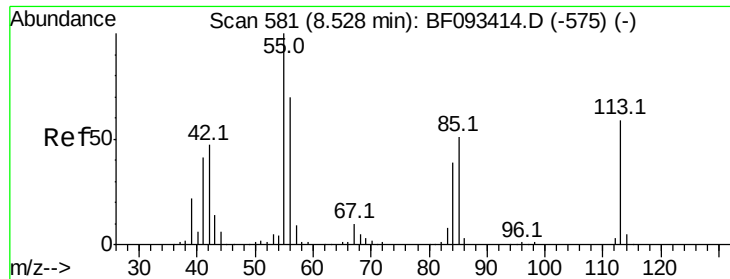


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





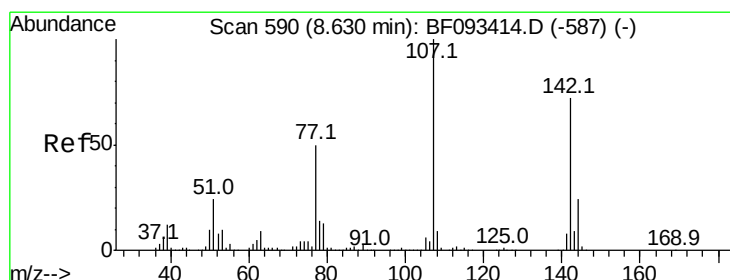
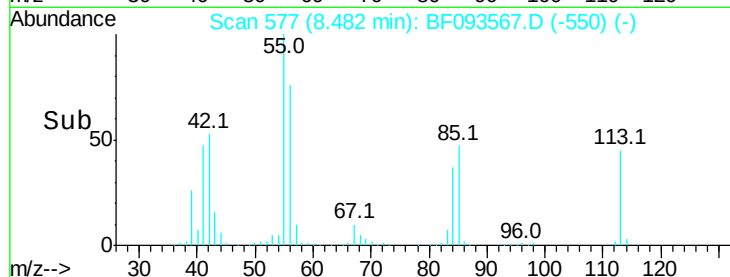
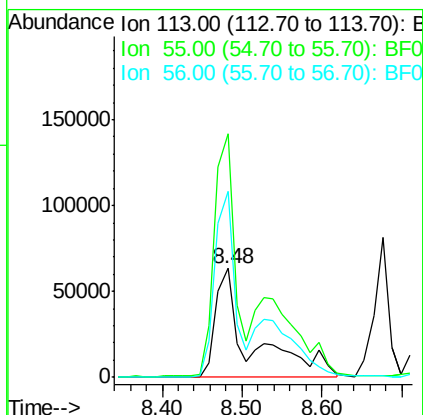
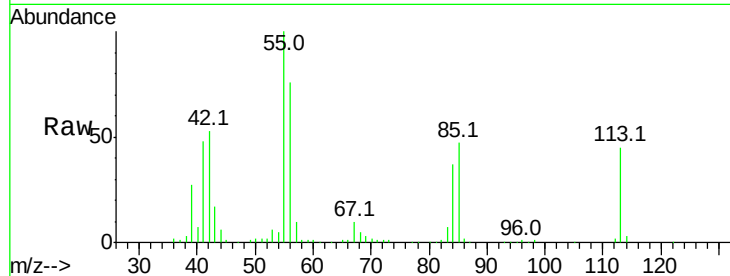
#35
 Caprolactam
 Concen: 50.84 ng/ml
 RT: 8.48 min Scan# 577
 Delta R.T. 0.01 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleID :
 PB97500BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	223.9	119.2	159.2#
56	170.6	83.8	123.8#

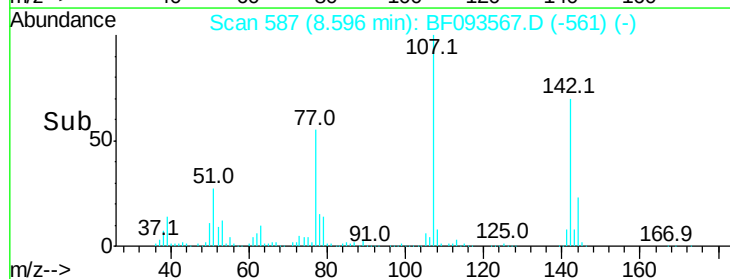
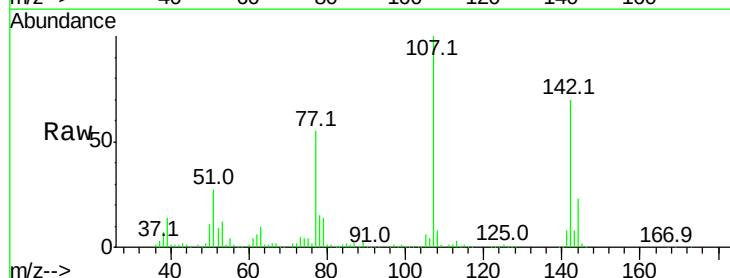
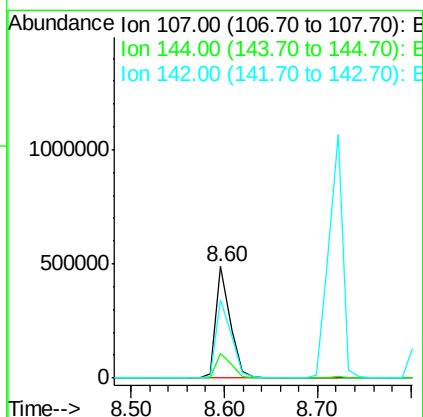
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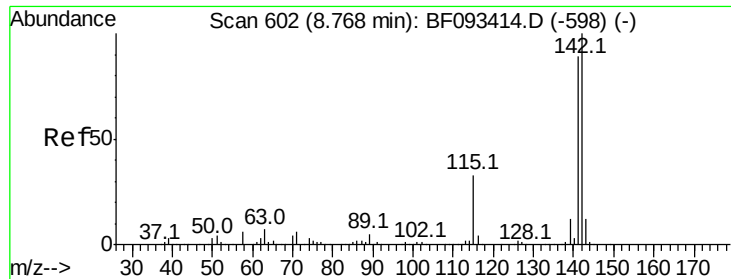
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#36
 4-Chloro-3-methylphenol
 Concen: 44.72 ng/ml
 RT: 8.60 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.5	19.3	28.9
142	70.2	59.0	88.6





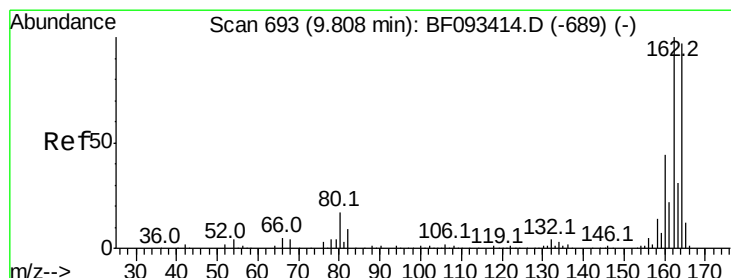
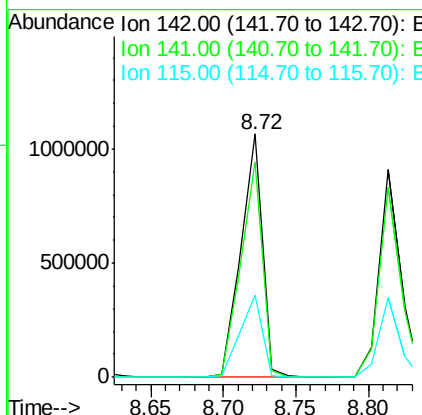
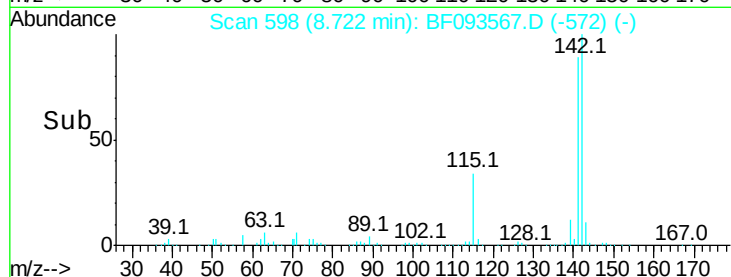
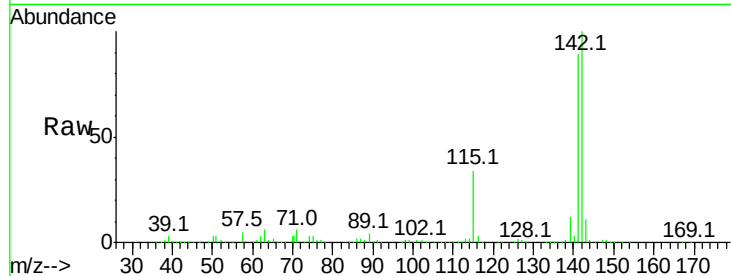
#37
2-Methylnaphthalene
Concen: 44.51 ng
RT: 8.72 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion:142 Resp: 1102680
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6
115 33.8 28.3 42.5

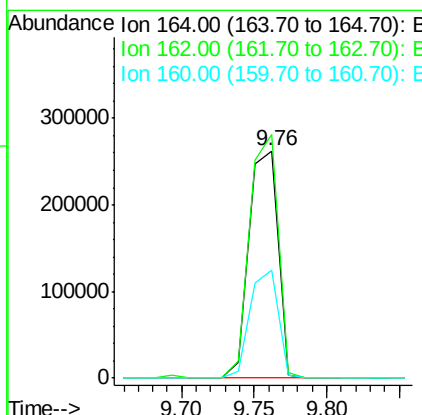
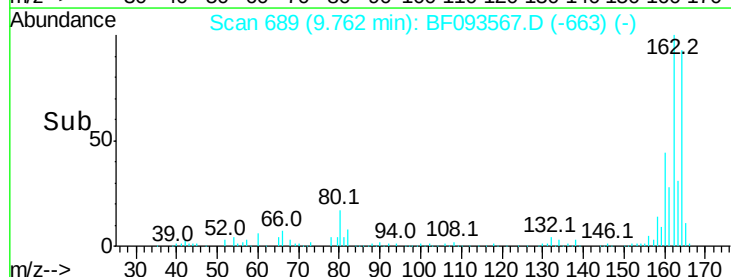
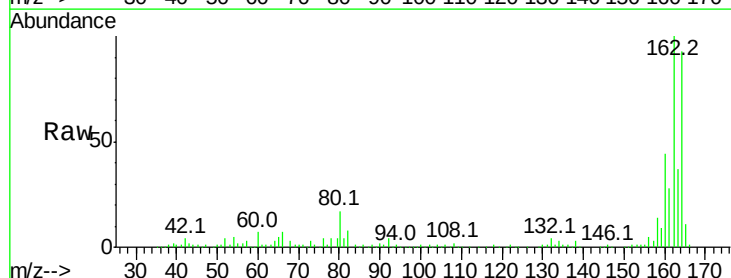
Manual Integrations
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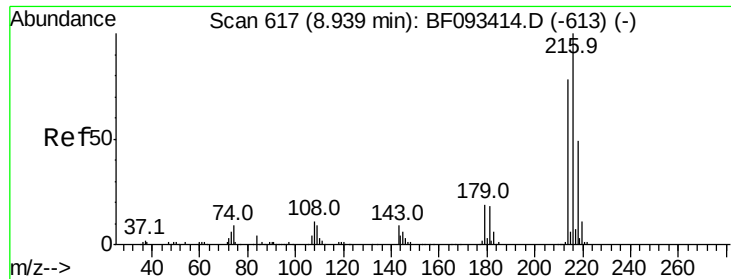
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion:164 Resp: 364857
Ion Ratio Lower Upper
164 100
162 107.3 80.2 120.2
160 47.7 36.9 55.3





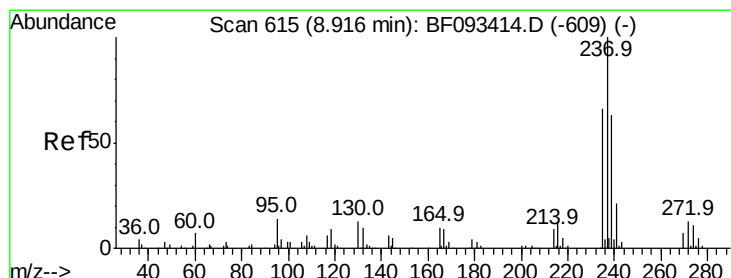
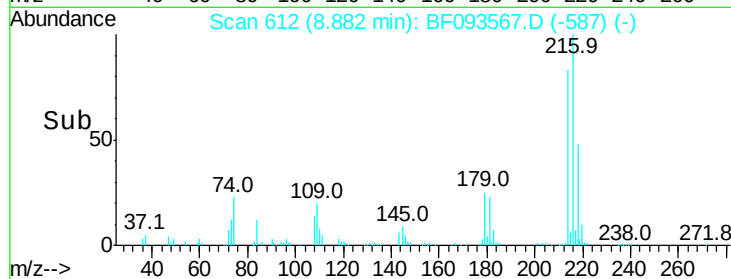
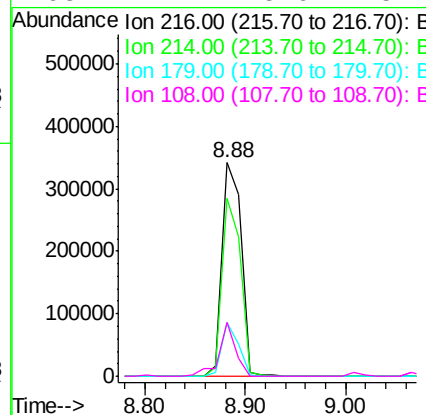
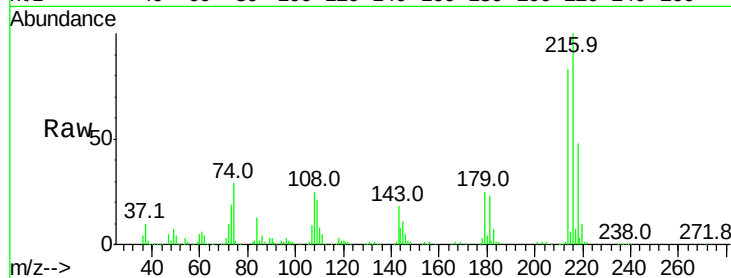
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.51 ng
 RT: 8.88 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97500BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	453400		
214	80.3	63.4	95.0	
179	21.8	17.4	26.2	
108	21.4	15.6	23.4	

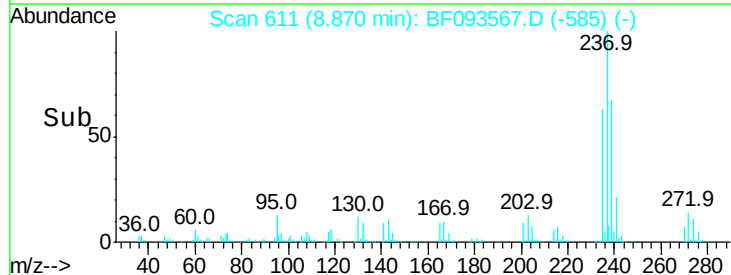
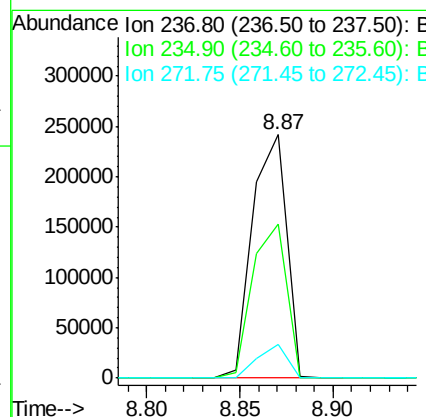
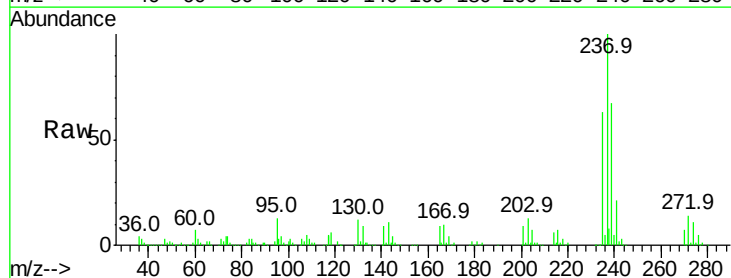
Manual Integrations
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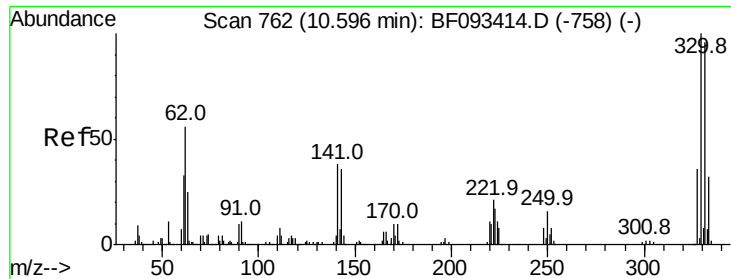
mohammad
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#40
 Hexachlorocyclopentadiene
 Concen: 115.56 ng
 RT: 8.87 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	306425		
235	63.2	41.2	81.2	
272	13.7	0.0	35.4	





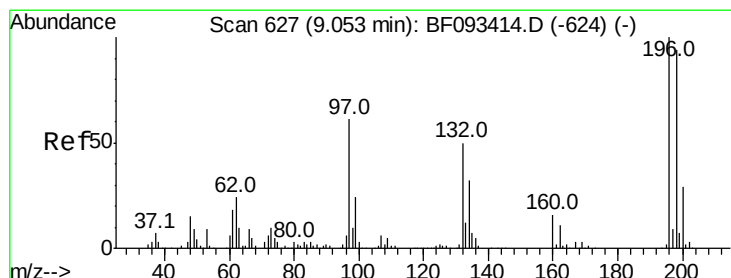
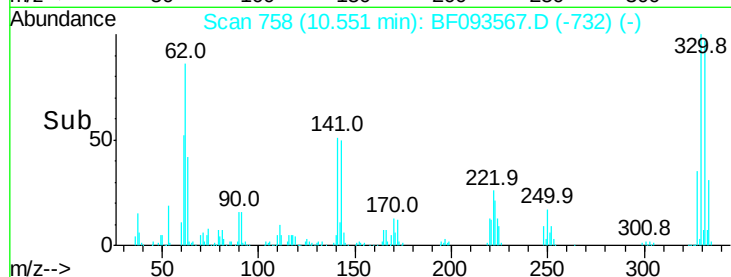
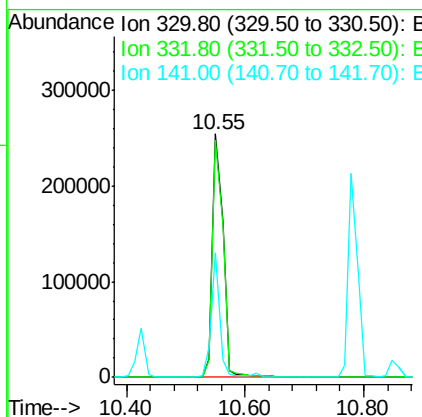
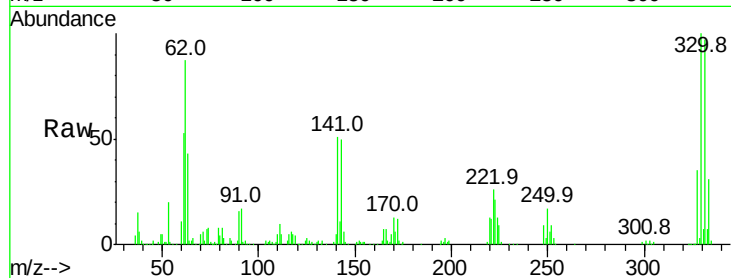
#41
 2,4,6-Tribromophenol
 Concen: 133.25 ng
 RT: 10.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97500BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	316743		
332	96.8	77.4	116.2	
141	40.5	34.1	51.1	

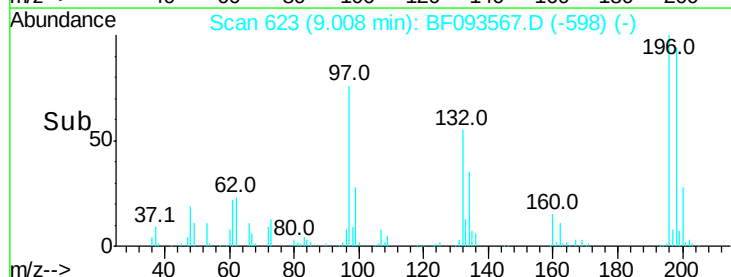
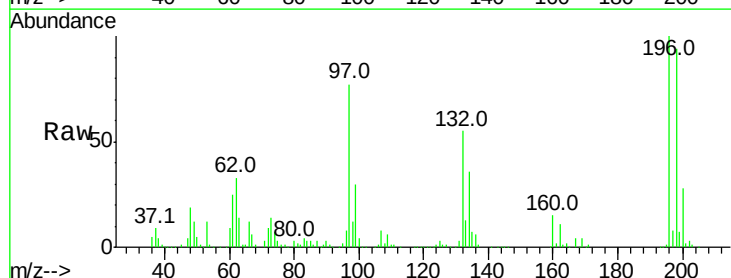
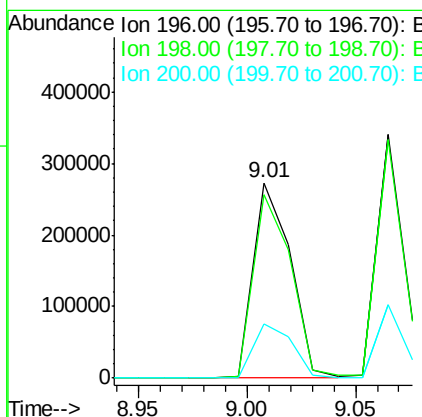
Manual Integrations
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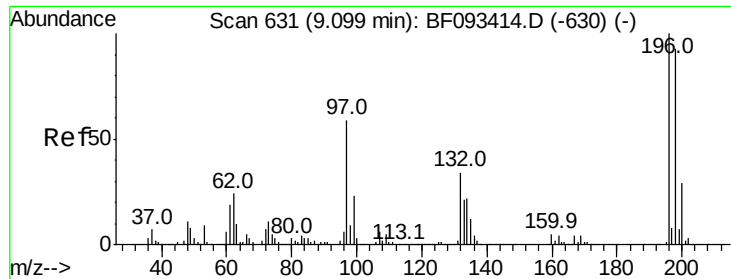
mohammad
 3/15/2017 5:31:15 PM



#42
 2,4,6-Trichlorophenol
 Concen: 52.48 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	326644		
198	94.2	82.1	123.1	
200	27.9	27.0	40.4	





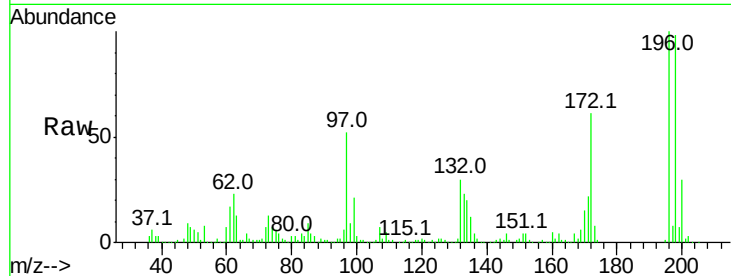
#43
2,4,5-Trichlorophenol
Concen: 48.31 ng
RT: 9.06 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	322661		
198	97.9	79.4	119.2	
97	51.8	51.5	77.3	
132	30.4	27.4	41.2	

Manual Integrations
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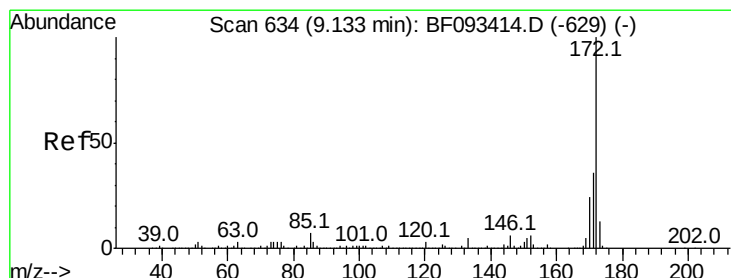
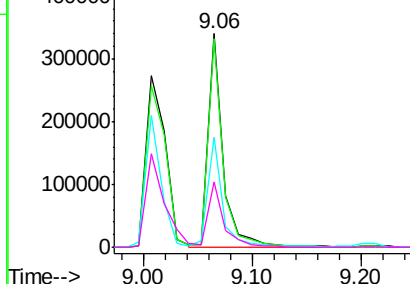
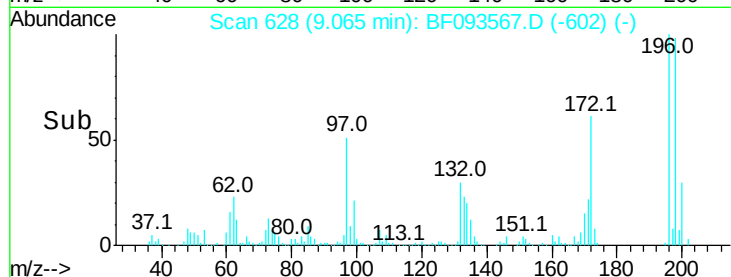
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

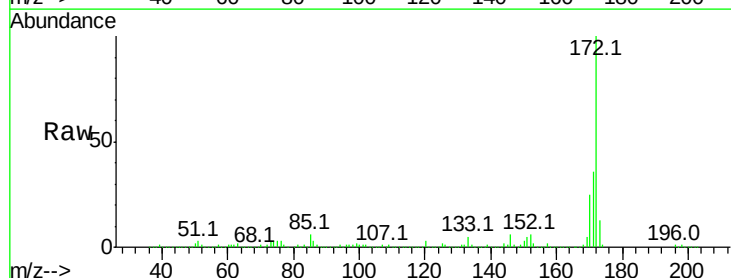
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 100.52 ng
RT: 9.09 min Scan# 630
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1971672		
171	36.5	29.4	44.0	
170	24.6	20.2	30.4	

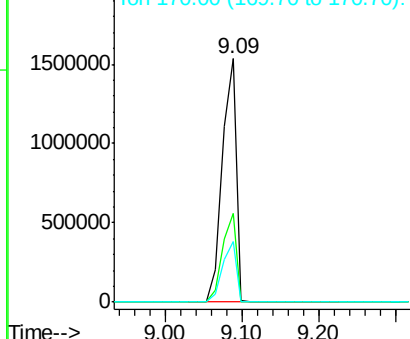
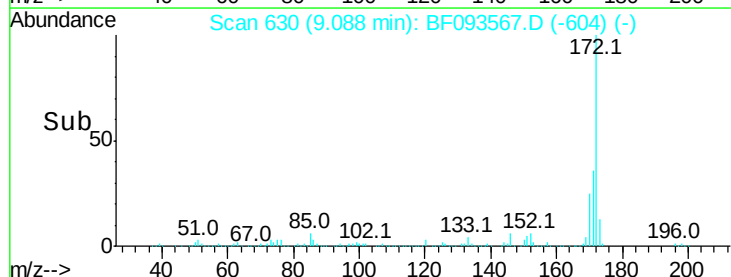


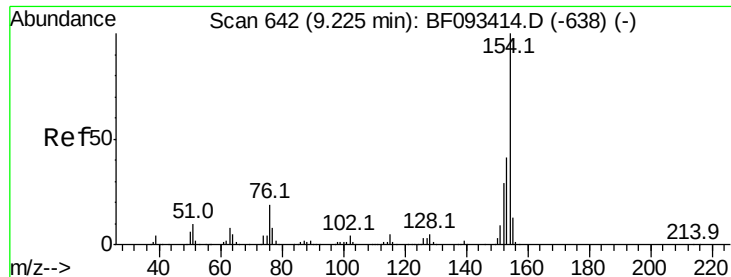
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 45.58 ng

RT: 9.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampled :

PB97500BS

Tot Ion:154 Resp: 1211532

Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

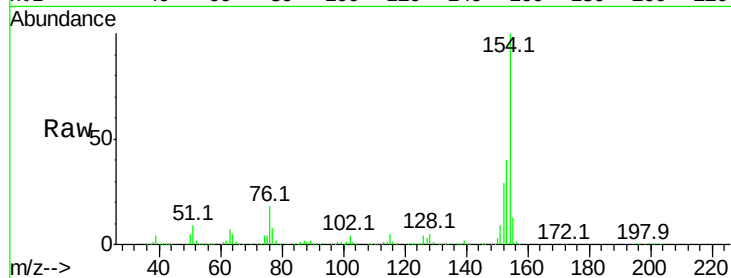
76 17.6 0.0 30.5

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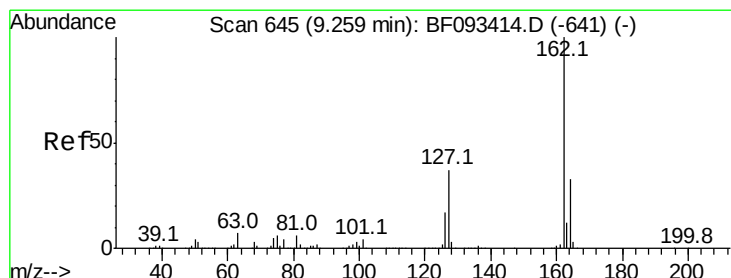
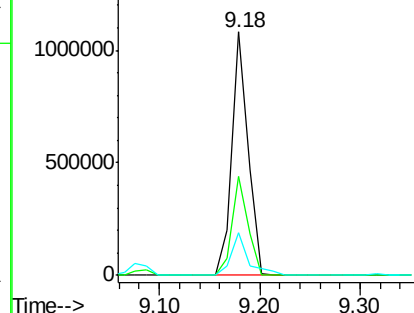
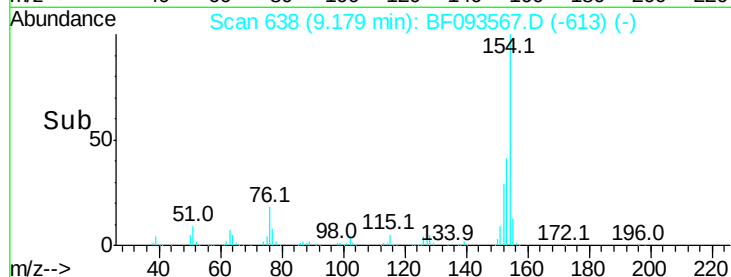
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.71 ng

RT: 9.21 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

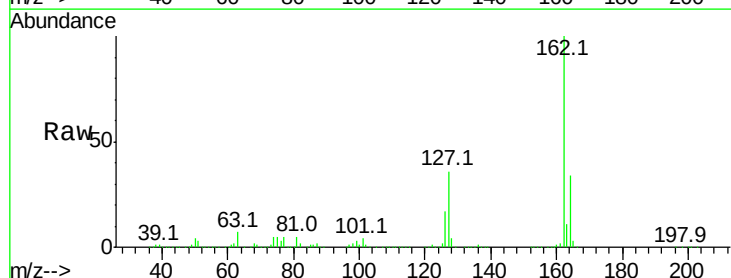
Tgt Ion:162 Resp: 1031584

Ion Ratio Lower Upper

162 100

127 35.7 30.7 46.1

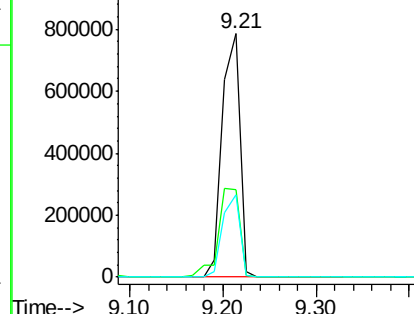
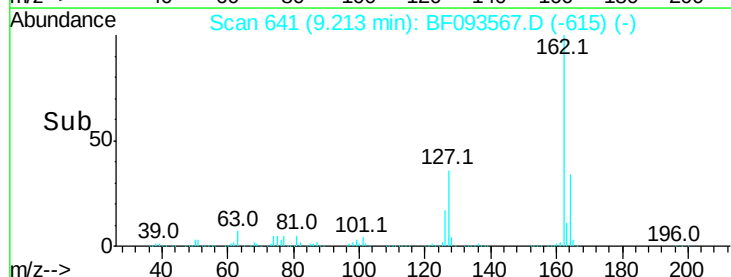
164 33.6 27.6 41.4

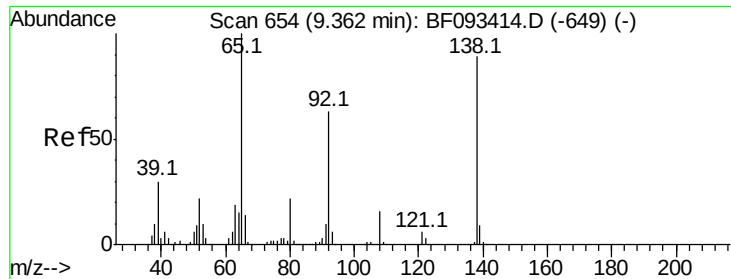


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.96 ng

RT: 9.32 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

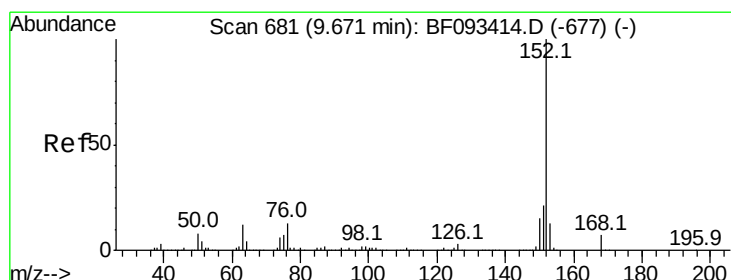
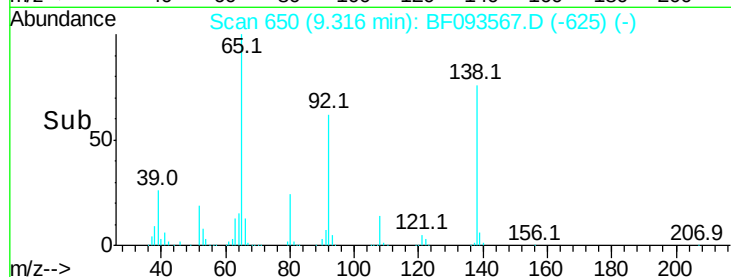
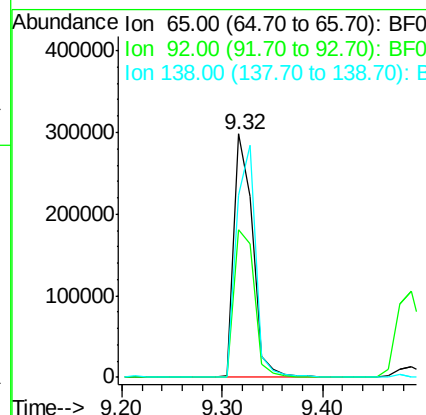
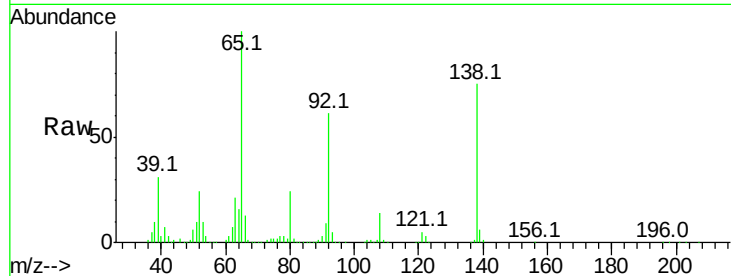
ClientSampleId :

PB97500BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.7	53.9	80.9
138	74.7	76.8	115.2#

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#48

Acenaphthylene

Concen: 46.13 ng

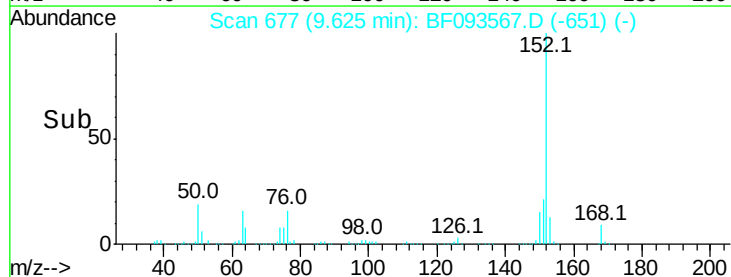
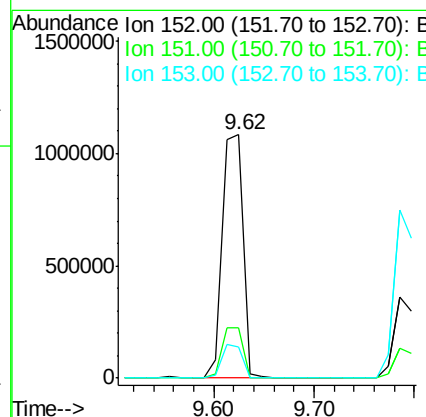
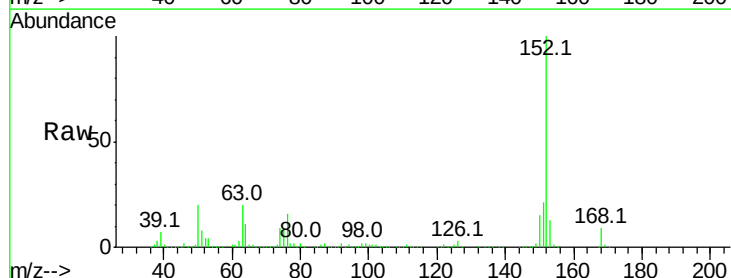
RT: 9.62 min Scan# 677

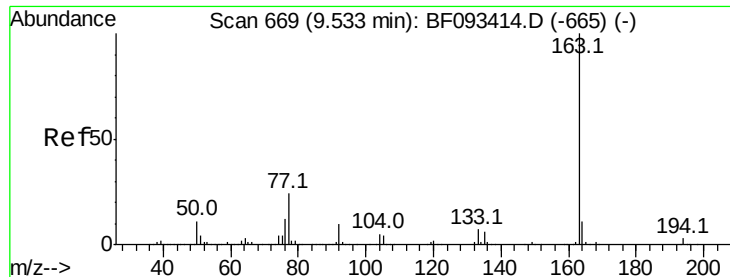
Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	12.9	11.4	17.2





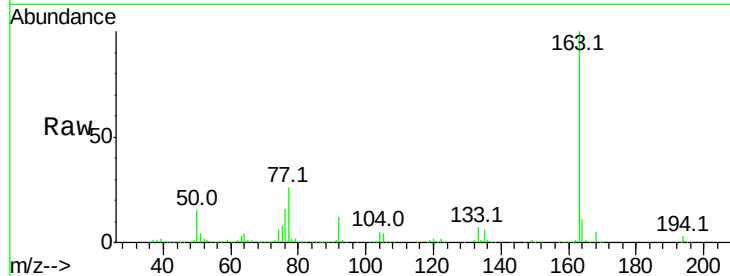
#49
Dimethylphthalate
Concen: 49.88 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

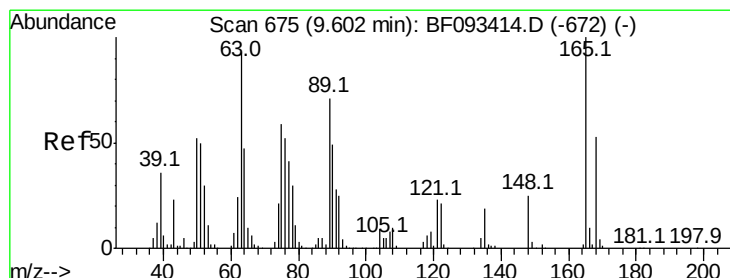
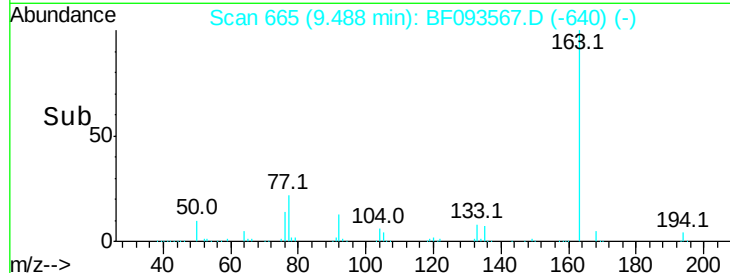
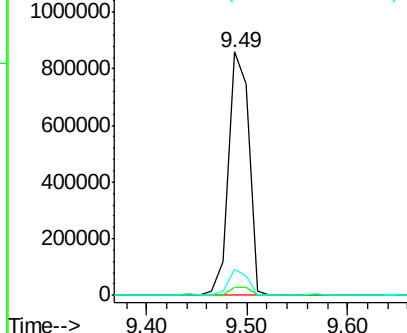
Tot Ion:163 Resp: 1206618
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.6 8.0 12.0

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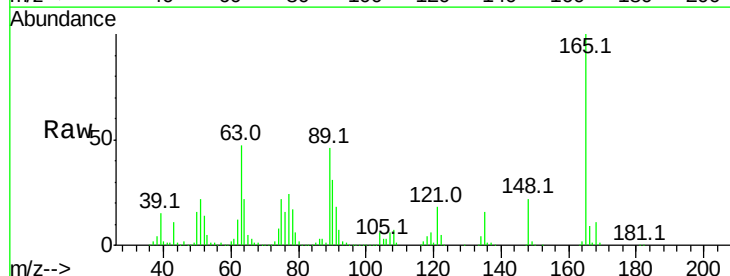


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

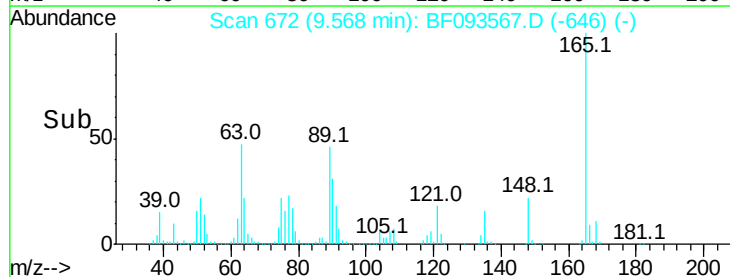
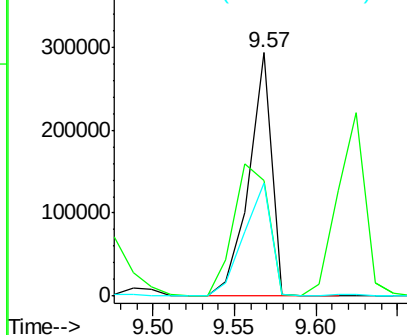


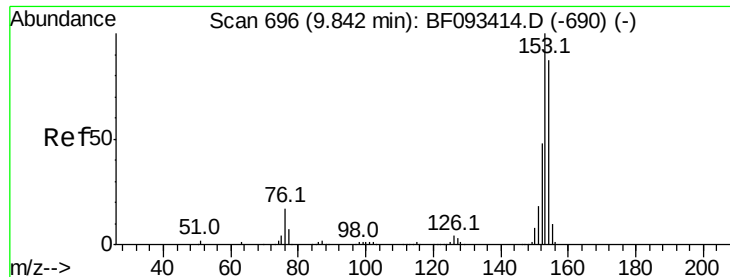
#50
2,6-Dinitrotoluene
Concen: 53.66 ng
RT: 9.57 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion:165 Resp: 284830
Ion Ratio Lower Upper
165 100
63 47.4 36.2 54.4
89 46.2 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.48 ng

RT: 9.78 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

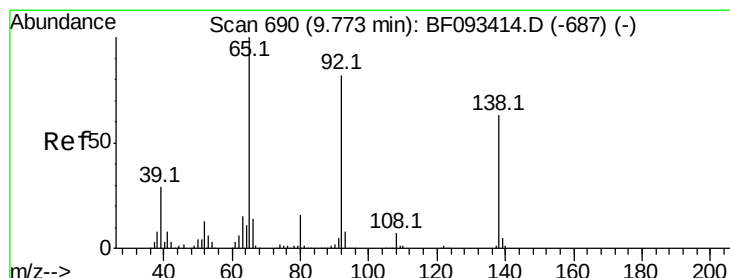
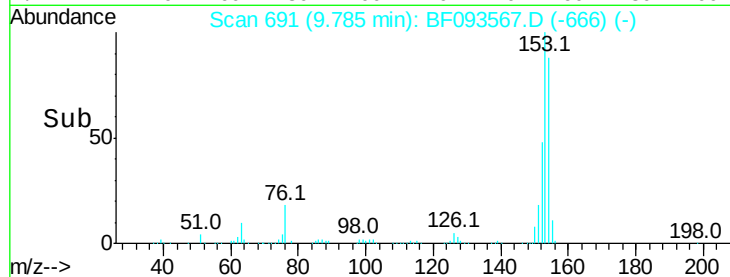
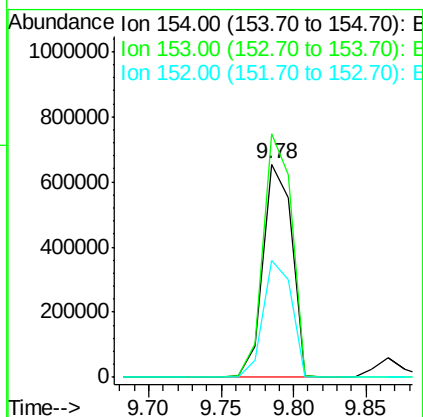
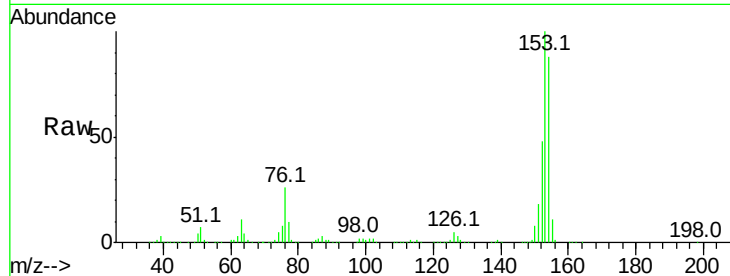
ClientSampleId :

PB97500BS

Tot Ion:	154	Resp:	902398
Ion Ratio	Lower	Upper	
154	100		
153	114.1	88.6	133.0
152	54.7	41.6	62.4

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#52

3-Nitroaniline

Concen: 26.05 ng

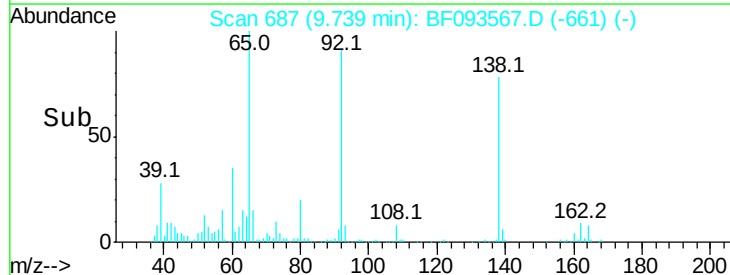
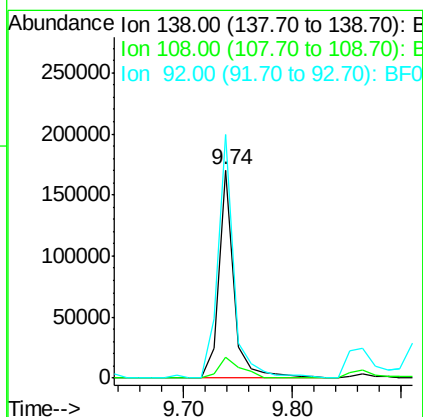
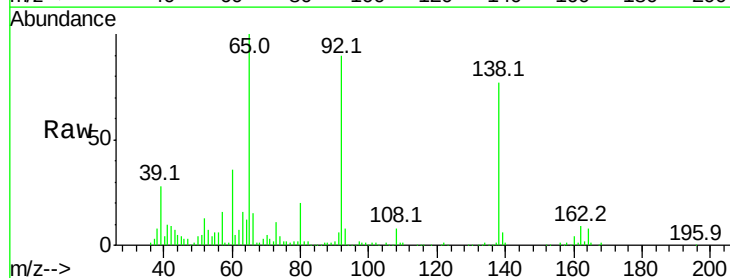
RT: 9.74 min Scan# 687

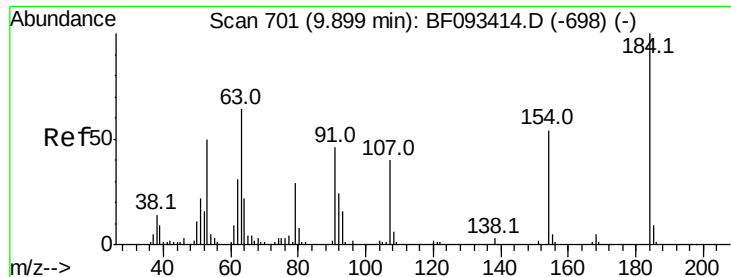
Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Tgt Ion:	138	Resp:	166103
Ion Ratio	Lower	Upper	
138	100		
108	10.2	8.5	12.7
92	116.8	97.8	146.8





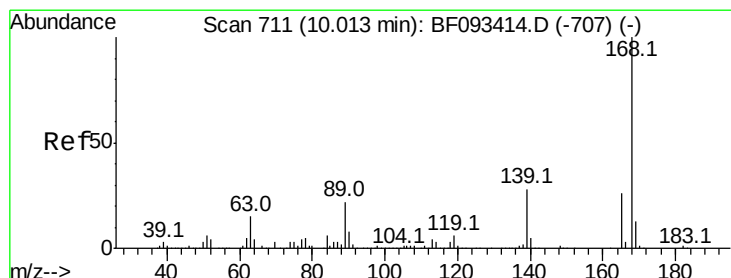
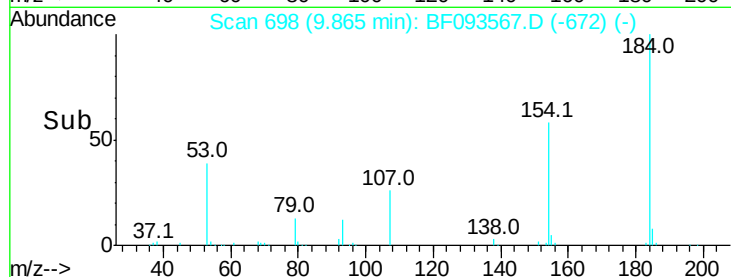
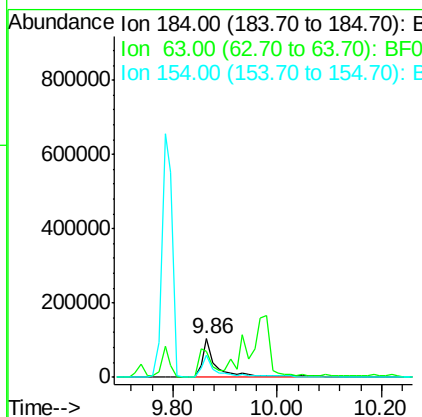
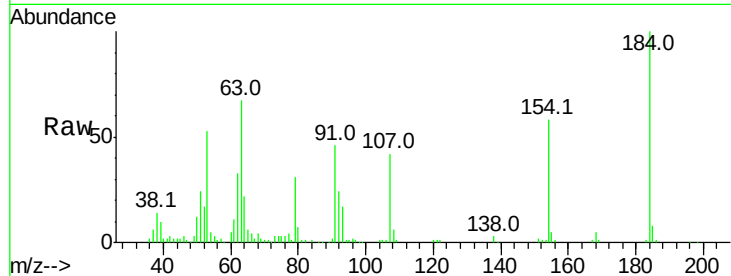
#53
2,4-Dinitrophenol
Concen: 90.58 ng
RT: 9.86 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	218936		
63	67.3	28.4	42.6#	
154	58.4	44.3	66.5	

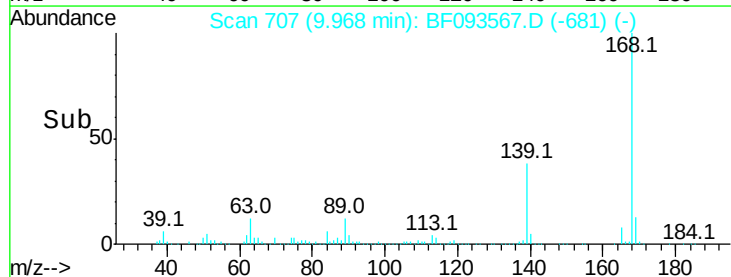
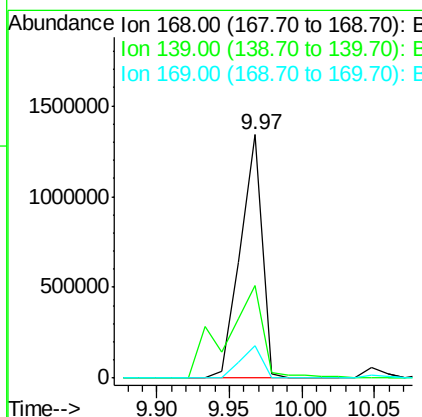
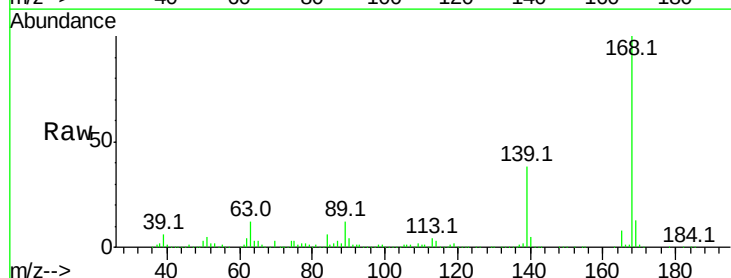
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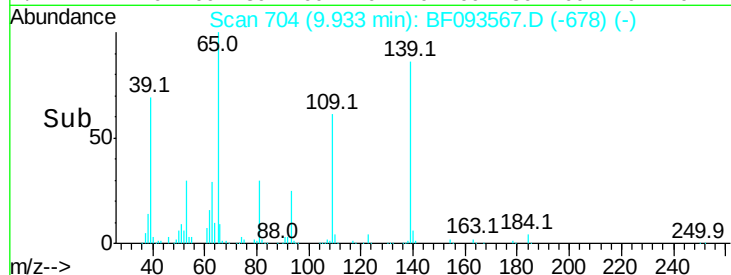
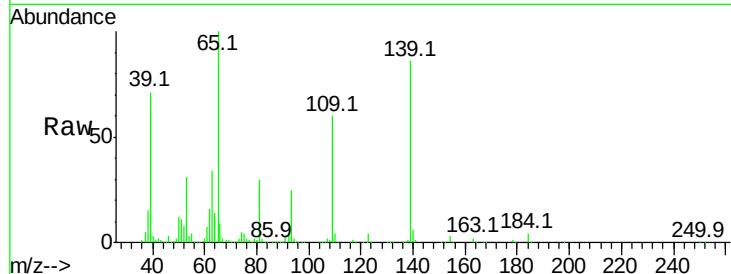
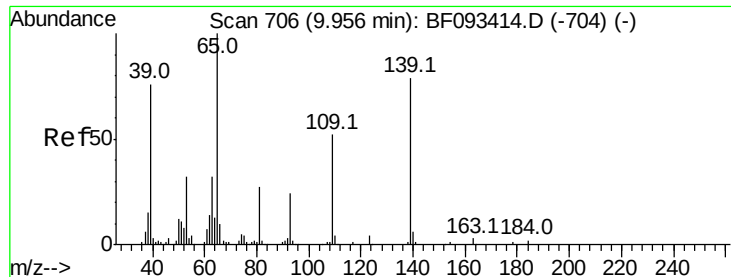
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#54
Dibenzofuran
Concen: 56.39 ng
RT: 9.97 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1400465		
139	37.8	32.6	49.0	
169	13.1	11.3	16.9	





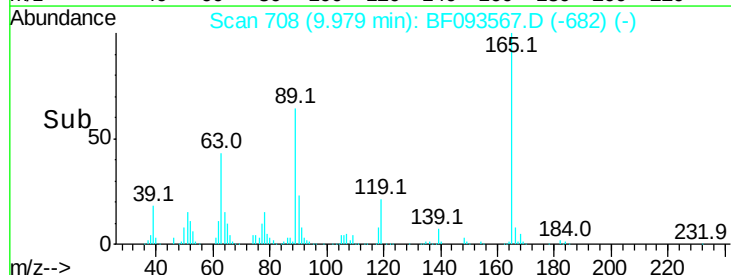
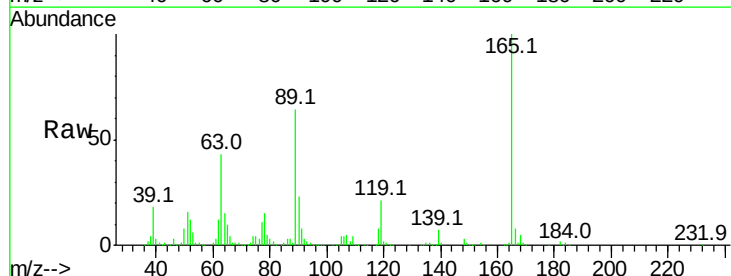
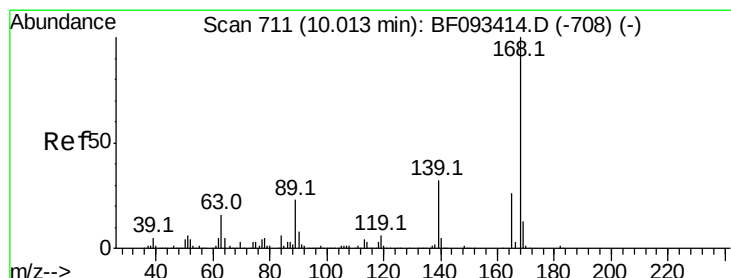
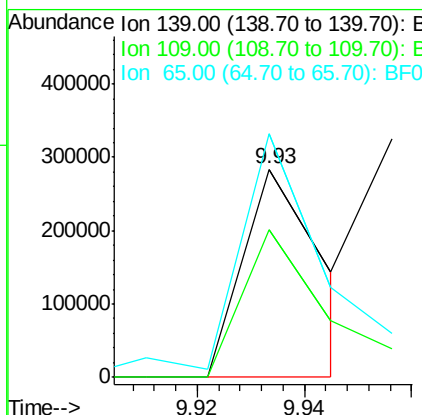
#55
4-Nitrophenol
Concen: 94.68 ng/ml
RT: 9.93 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tot Ion:	139	Resp:	293235
Ion Ratio	Lower	Upper	
139	100		
109	70.6	52.2	92.2
65	116.9	85.8	125.8

Instrument :
BNA_F
ClientSampleId :
PB97500BS

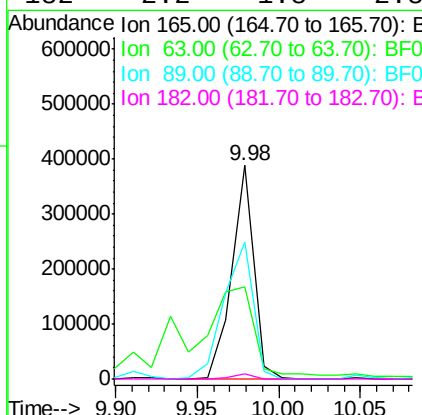
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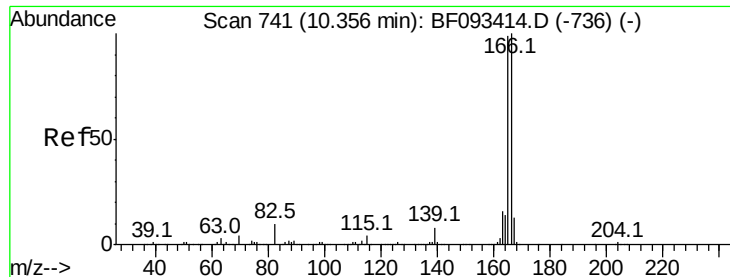
mohammad
3/15/2017 5:31:15 PM



#56
2,4-Dinitrotoluene
Concen: 55.26 ng/ml
RT: 9.98 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion:	165	Resp:	360309
Ion Ratio	Lower	Upper	
165	100		
63	42.9	40.2	60.4
89	64.4	62.5	93.7
182	2.2	1.8	2.8





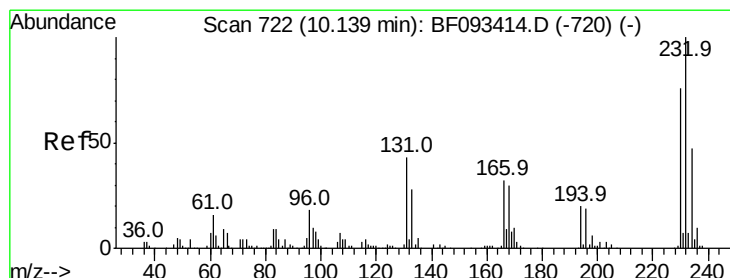
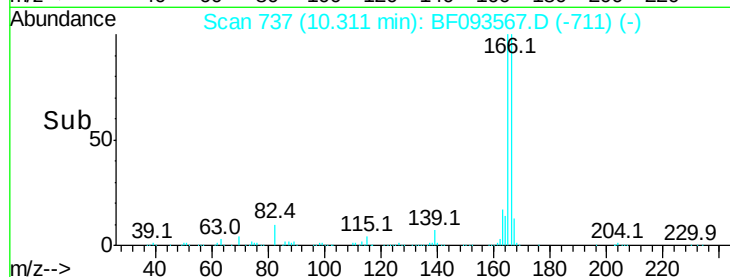
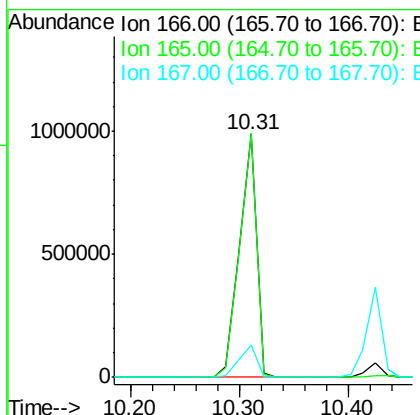
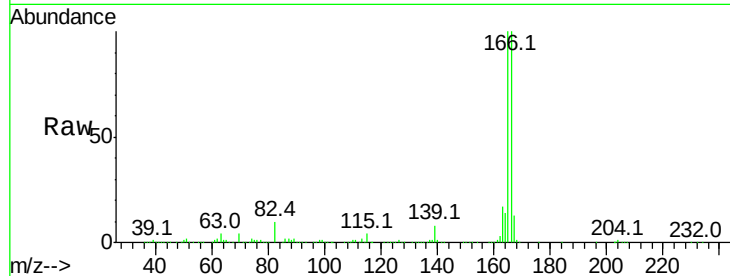
#57
 Fluorene
 Concen: 50.12 ng
 RT: 10.31 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampled :
 PB97500BS

Tot Ion:166 Resp: 1054662
 Ion Ratio Lower Upper
 166 100
 165 100.0 77.8 116.8
 167 13.2 10.8 16.2

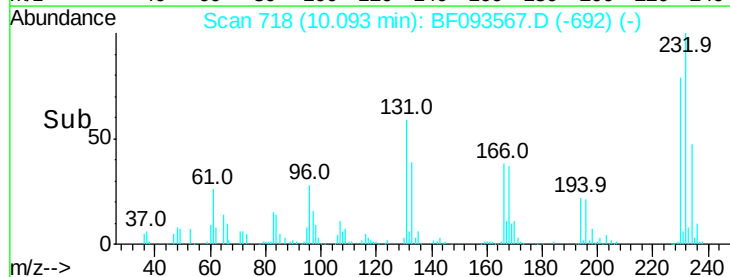
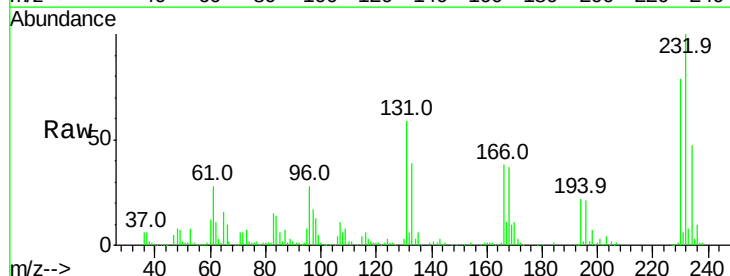
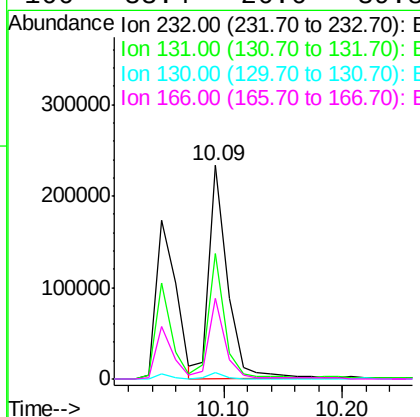
Manual Integrations
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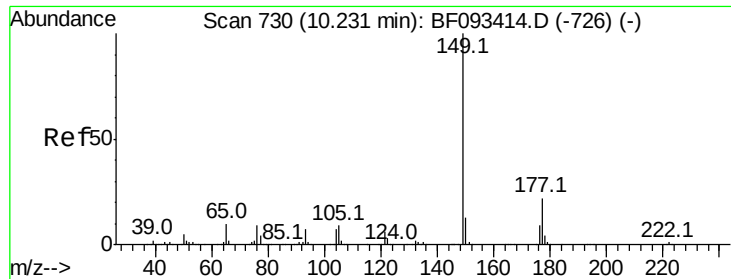
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.84 ng
 RT: 10.09 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion:232 Resp: 249067
 Ion Ratio Lower Upper
 232 100
 131 54.2 40.1 60.1
 130 2.7 1.8 2.8
 166 33.4 26.6 39.8





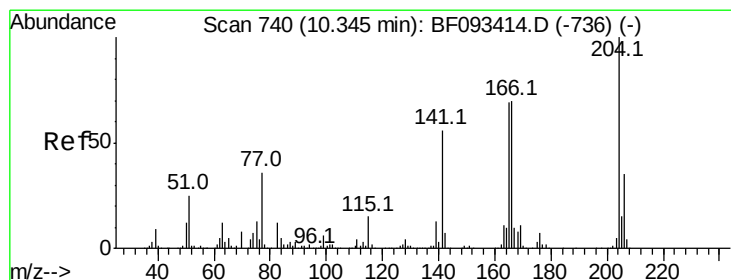
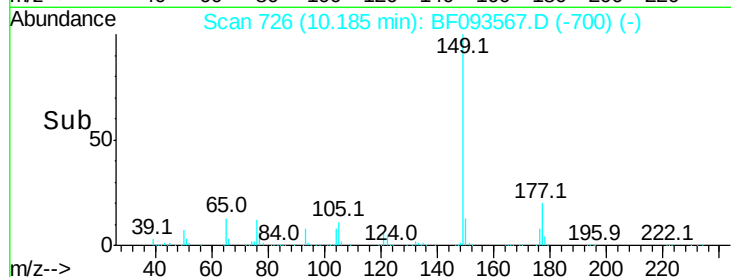
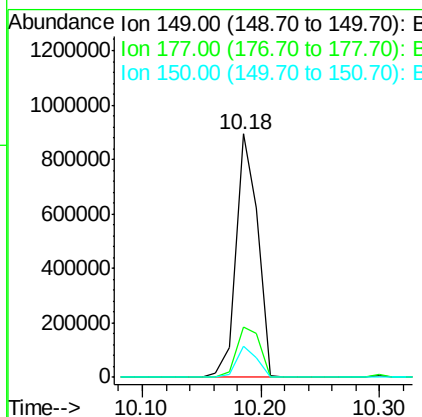
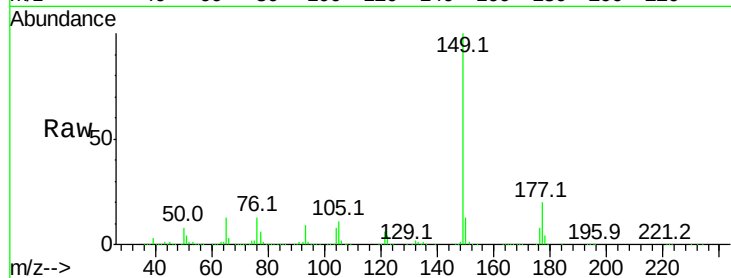
#59
Diethylphthalate
Concen: 48.81 ng
RT: 10.18 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion:149 Resp: 1128466
Ion Ratio Lower Upper
149 100
177 20.4 16.6 25.0
150 12.8 10.4 15.6

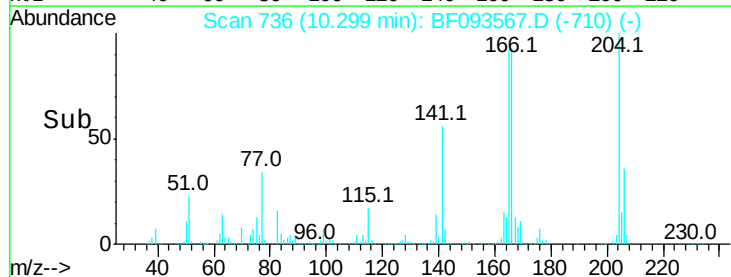
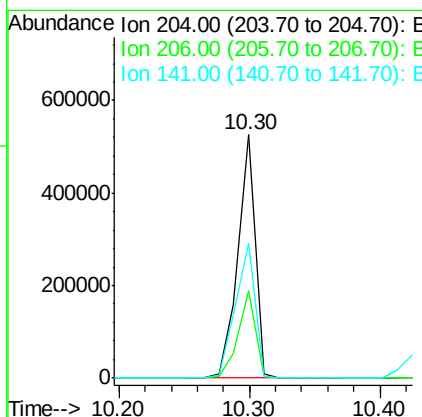
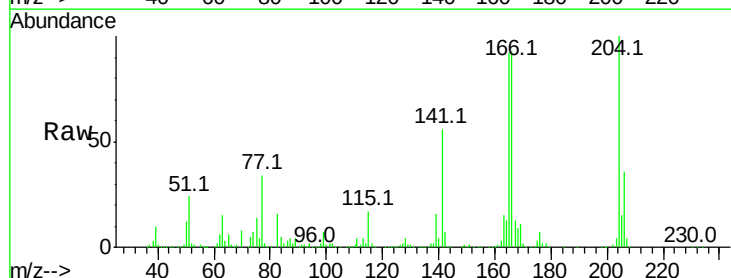
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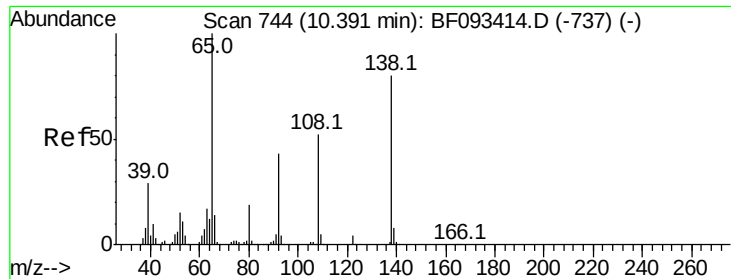
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 51.17 ng
RT: 10.30 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion:204 Resp: 482704
Ion Ratio Lower Upper
204 100
206 35.8 25.8 38.6
141 55.6 59.4 89.0#





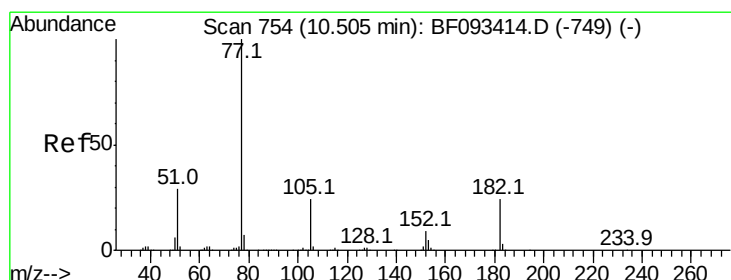
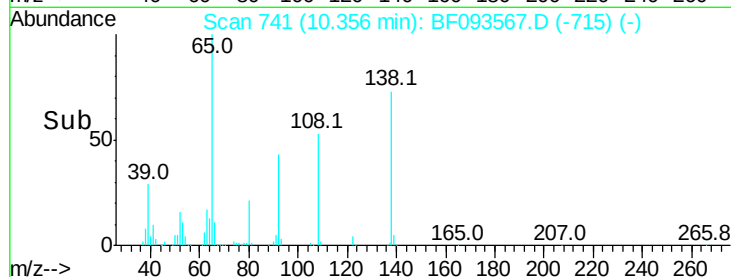
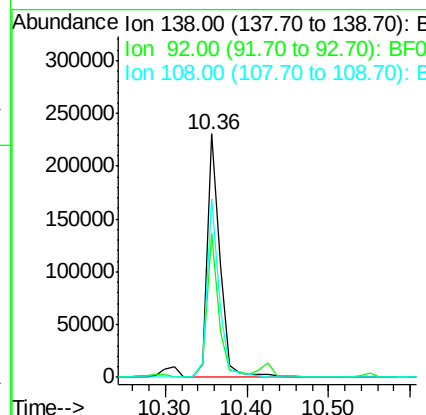
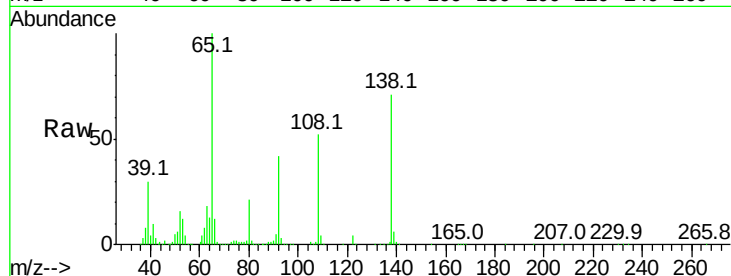
#61
4-Nitroaniline
Concen: 39.61 ng
RT: 10.36 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.2	31.7	71.7
108	73.2	52.6	92.6

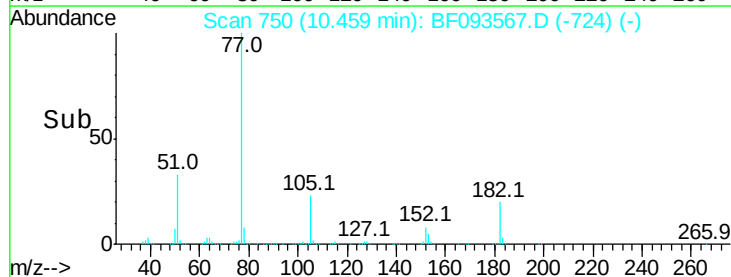
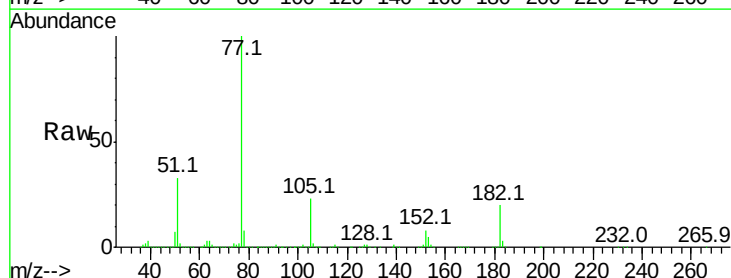
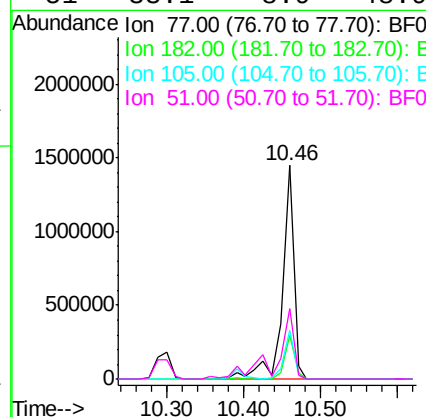
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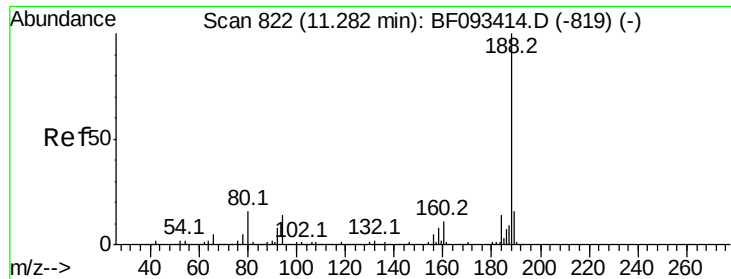
mohammad
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#62
Azobenzene
Concen: 56.85 ng
RT: 10.46 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.0	39.3
105	22.7	2.3	42.3
51	33.1	8.9	48.9





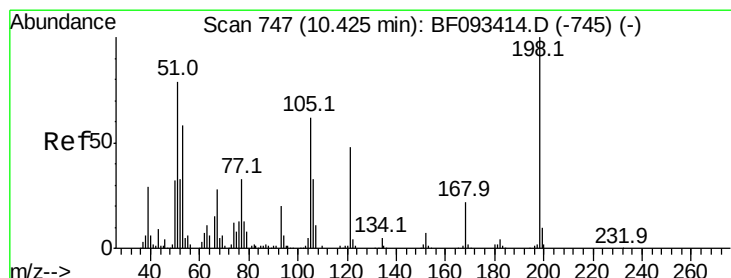
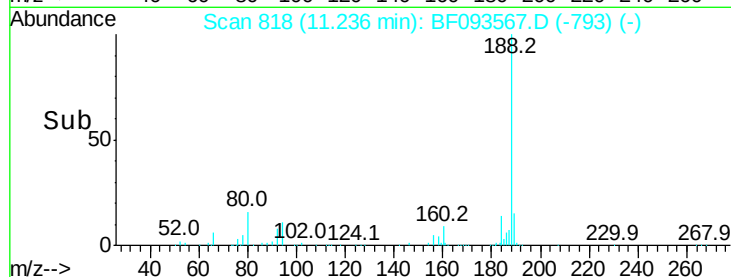
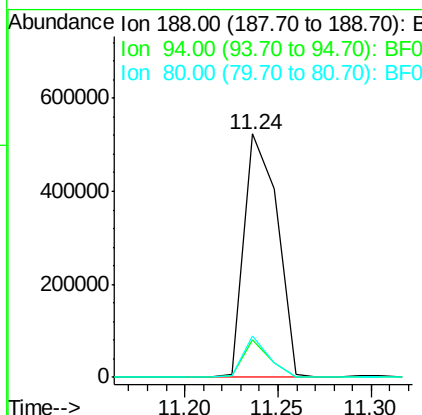
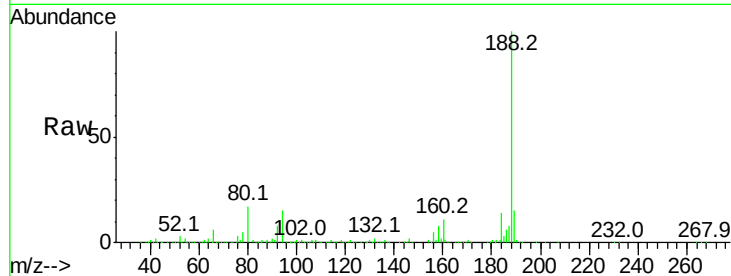
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	646236		
94	15.3	10.0	15.0#	
80	17.0	11.2	16.8#	

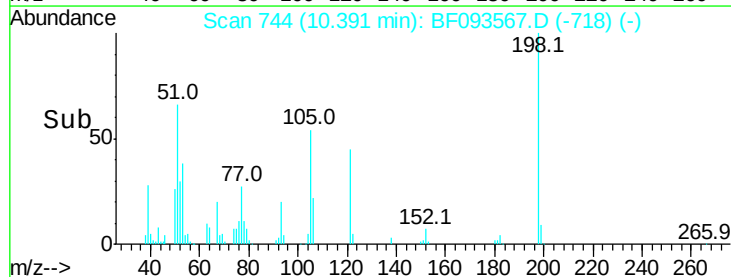
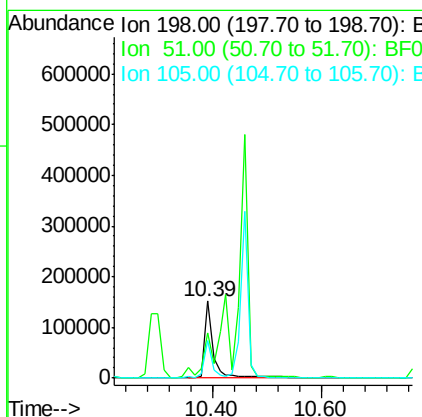
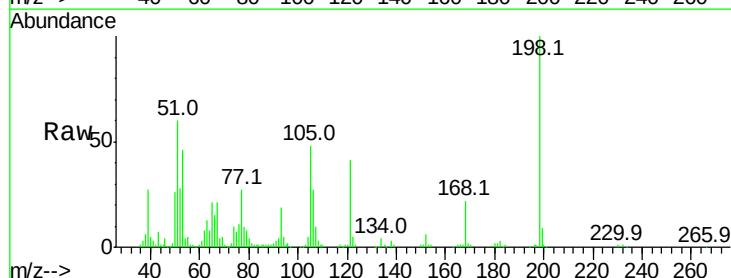
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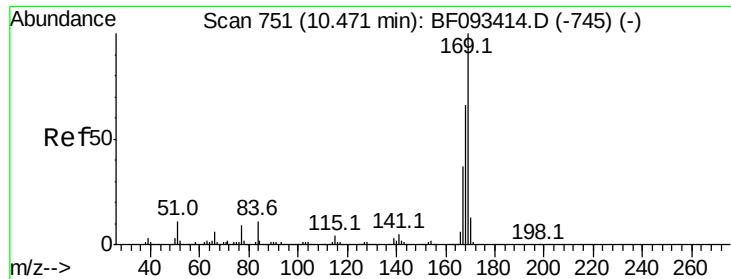
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.11 ng
RT: 10.39 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	176325		
51	59.7	6.7	46.7#	
105	48.1	16.6	56.6	





#65

n-Nitrosodiphenylamine

Concen: 42.85 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

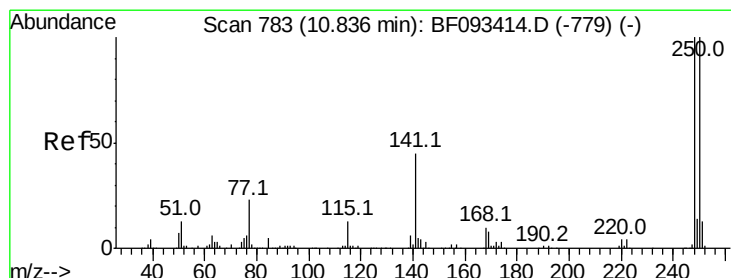
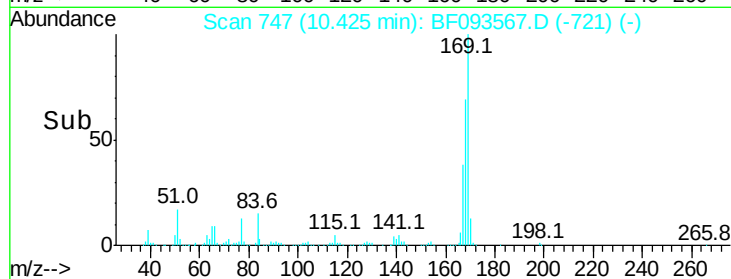
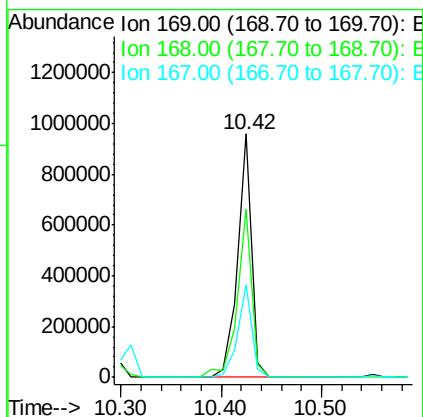
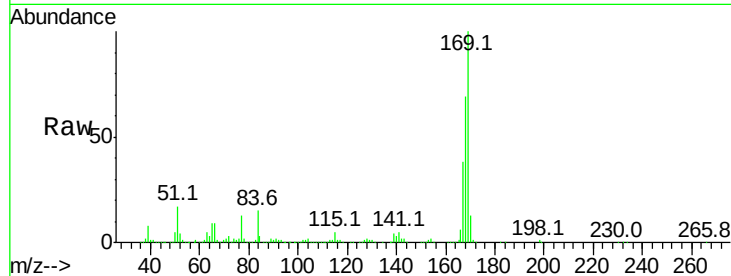
ClientSampleId :

PB97500BS

Tot Ion:	169	Resp:	924700
Ion Ratio	Lower	Upper	
169	100		
168	68.8	54.2	81.2
167	38.1	30.2	45.4

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#66

4-Bromophenyl-phenylether

Concen: 42.37 ng

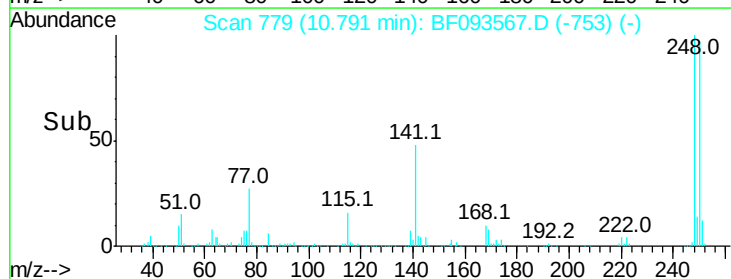
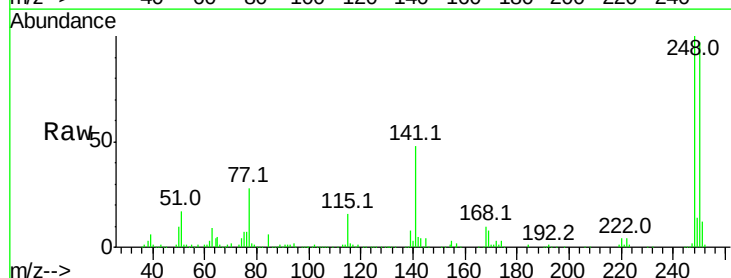
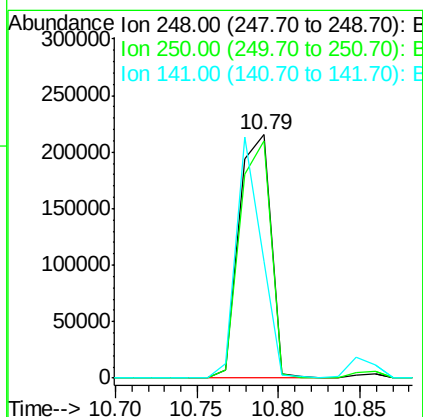
RT: 10.79 min Scan# 779

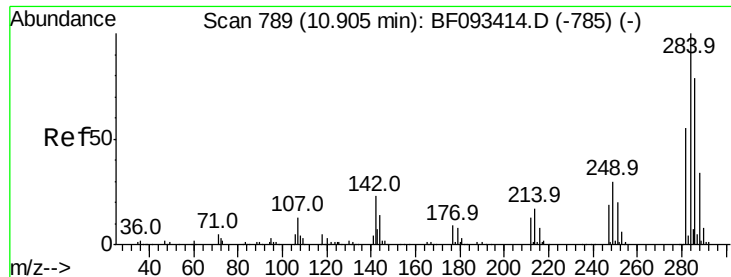
Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Tgt Ion:	248	Resp:	289574
Ion Ratio	Lower	Upper	
248	100		
250	97.3	76.9	115.3
141	48.2	68.2	102.4#





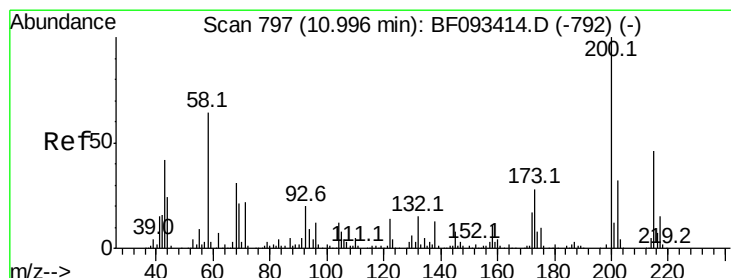
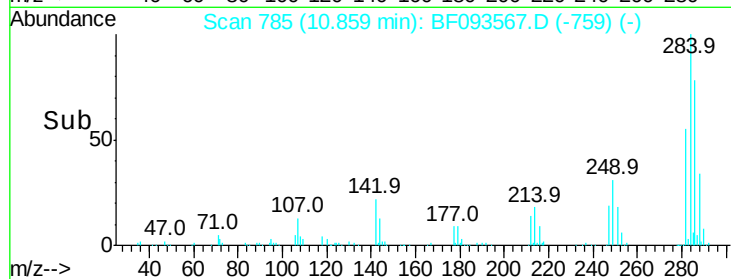
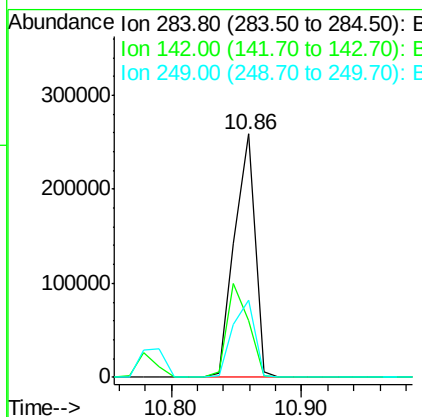
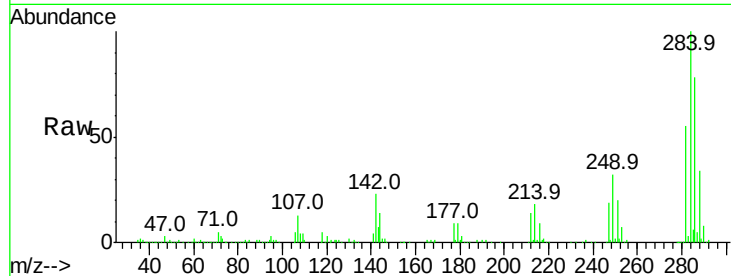
#67
Hexachlorobenzene
Concen: 43.41 ng
RT: 10.86 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	283247		
142	23.5	22.6	33.8	
249	31.8	25.4	38.0	

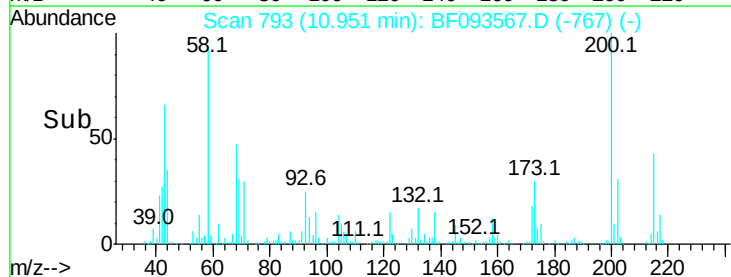
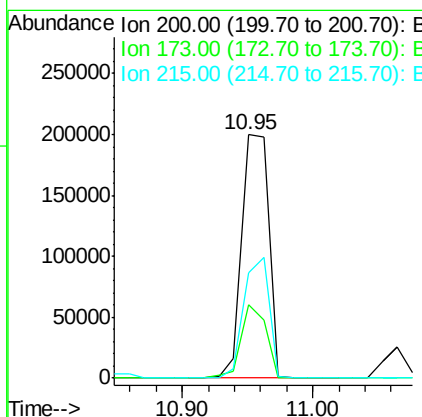
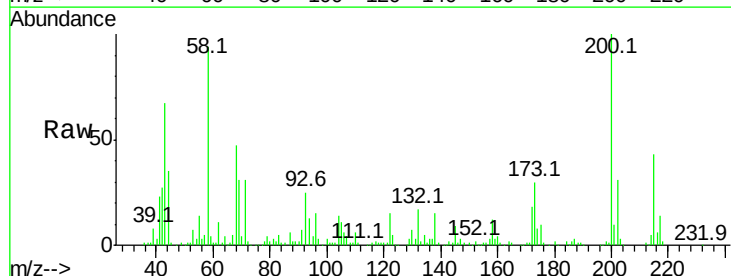
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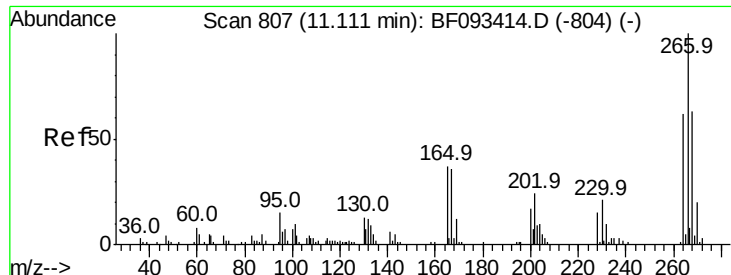
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#68
Atrazine
Concen: 45.41 ng
RT: 10.95 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	286805		
173	30.0	9.6	49.6	
215	43.5	25.7	65.7	





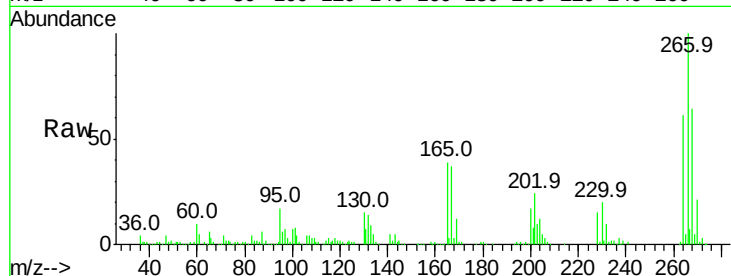
#69
 Pentachlorophenol
 Concen: 80.03 ng
 RT: 11.06 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97500BS

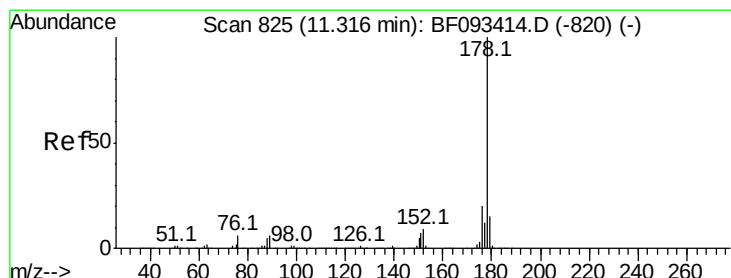
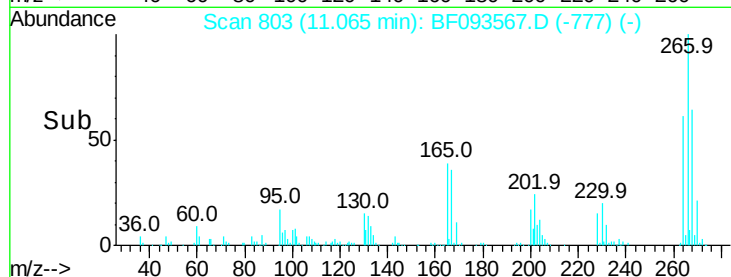
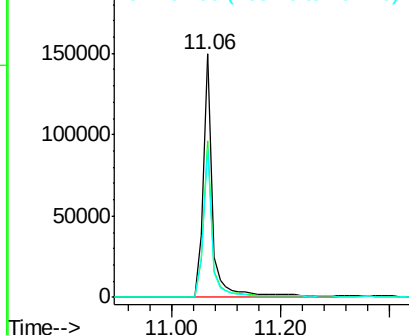
Tot Ion	Ratio	Resp	Lower	Upper
266	100	180313		
268	64.2	53.3	79.9	
264	61.2	50.3	75.5	

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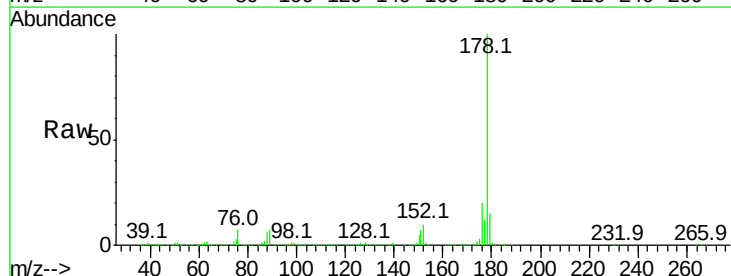


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

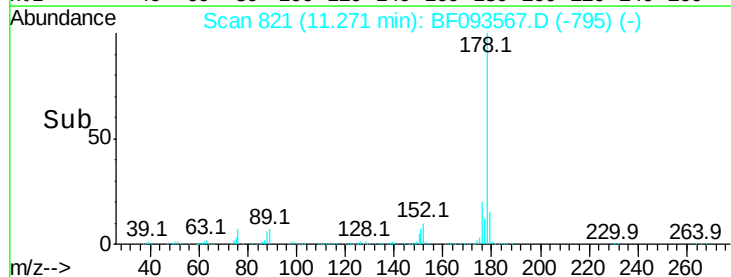
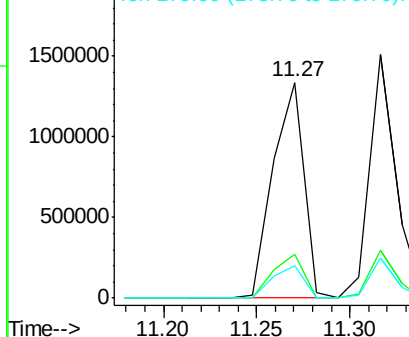


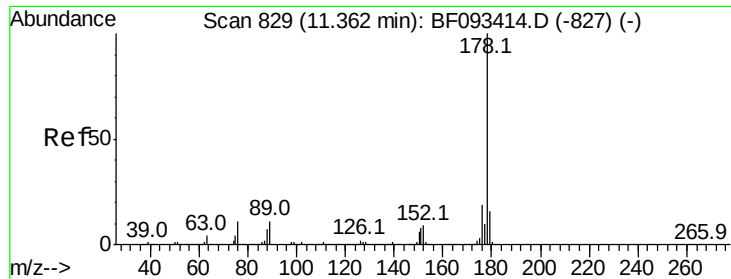
#70
 Phenanthrene
 Concen: 42.10 ng
 RT: 11.27 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1552876		
176	20.5	16.6	25.0	
179	15.3	12.8	19.2	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





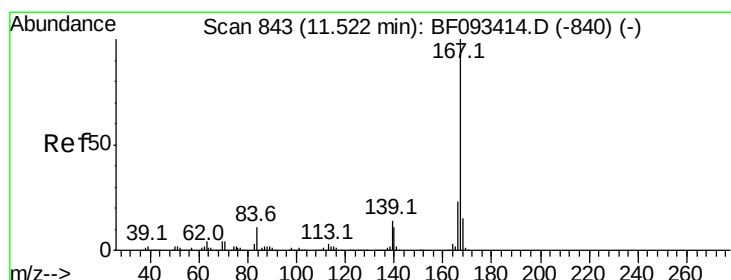
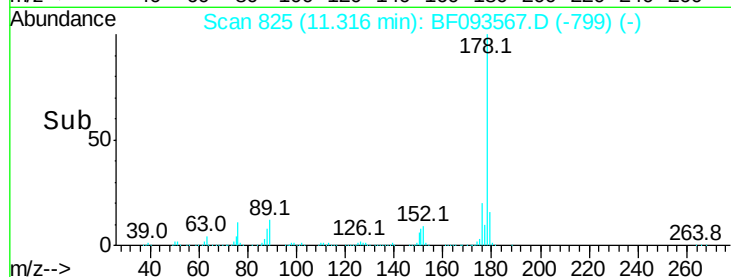
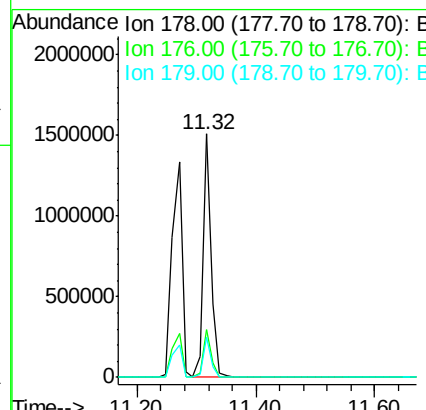
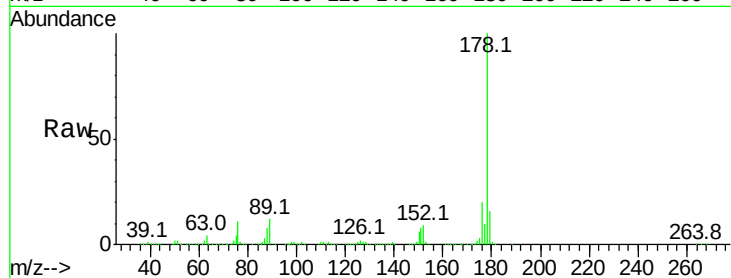
#71
 Anthracene
 Concen: 39.60 ng
 RT: 11.32 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97500BS

Tot Ion:178 Resp: 1477648
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.9 23.9
 179 16.3 13.2 19.8

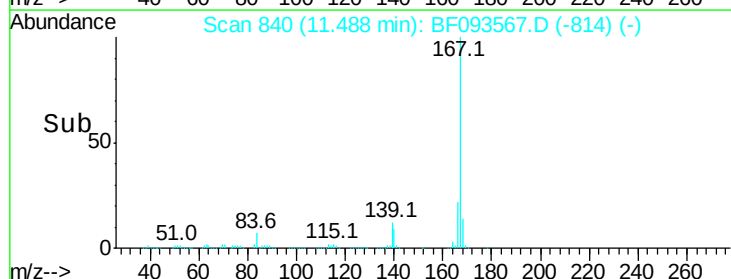
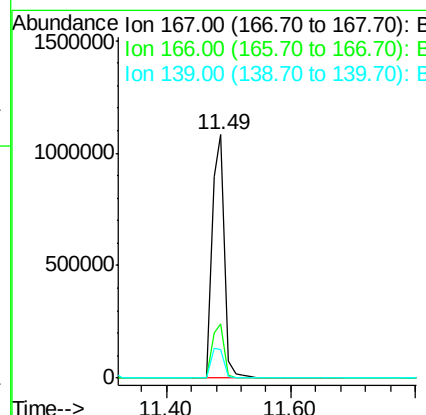
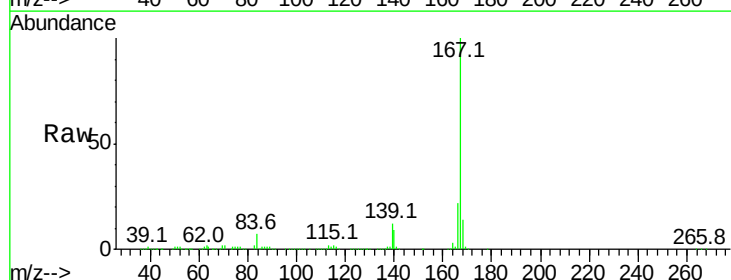
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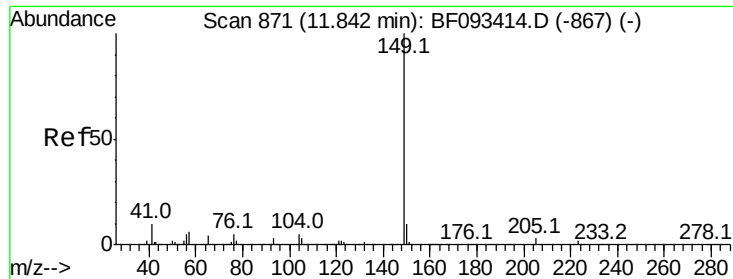
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#72
 Carbazole
 Concen: 41.31 ng
 RT: 11.49 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion:167 Resp: 1447940
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 11.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 44.14 ng

RT: 11.81 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

PB97500BS

Tot Ion:149 Resp: 1789940

Ion Ratio Lower Upper

149 100

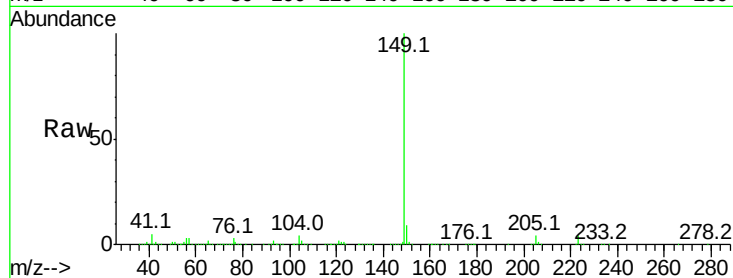
150 8.8 8.1 12.1

104 3.9 4.6 7.0#

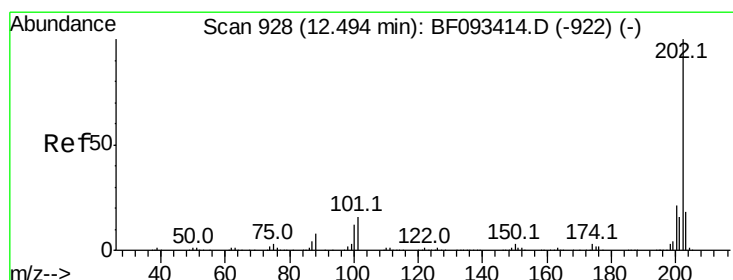
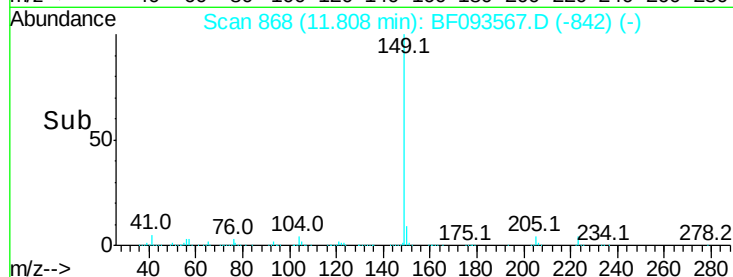
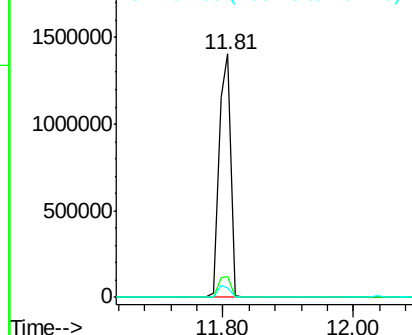
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.51 ng

RT: 12.45 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

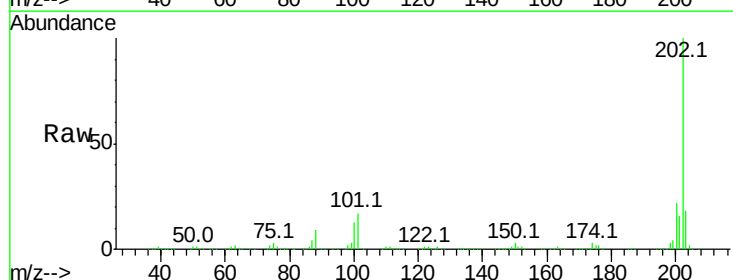
Tgt Ion:202 Resp: 1443471

Ion Ratio Lower Upper

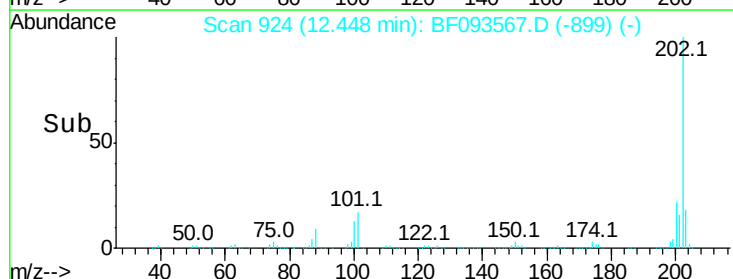
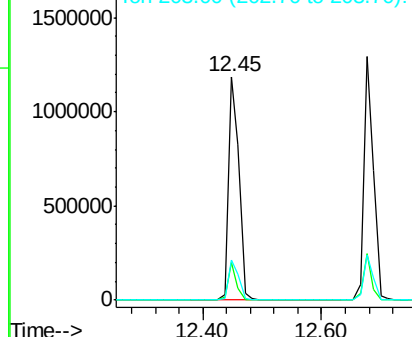
202 100

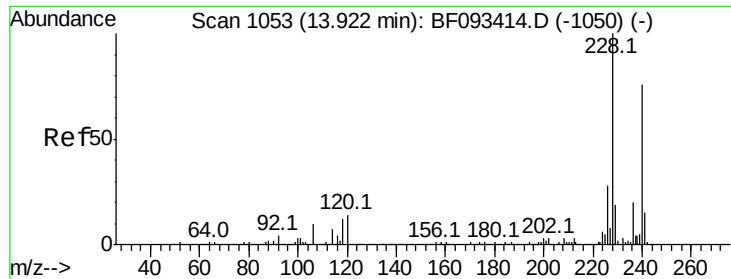
101 17.1 0.0 34.6

203 18.2 0.0 38.7



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

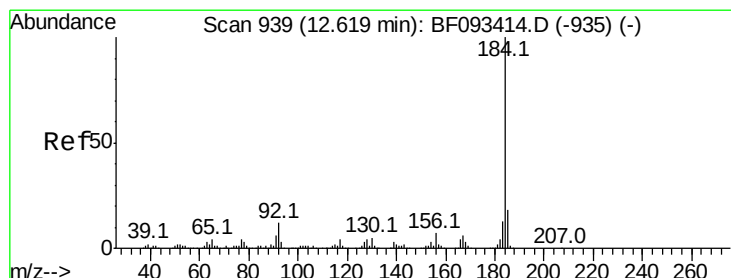
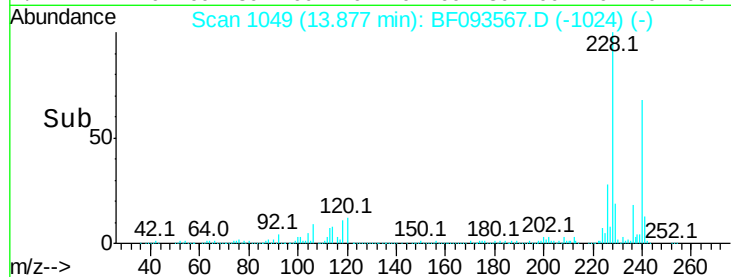
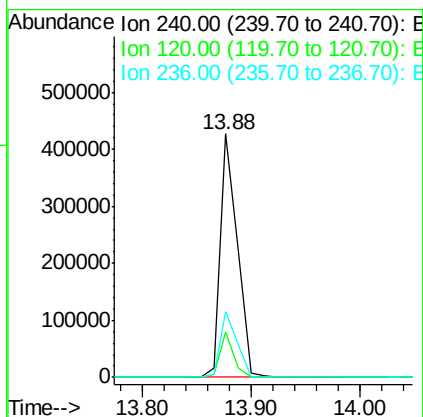
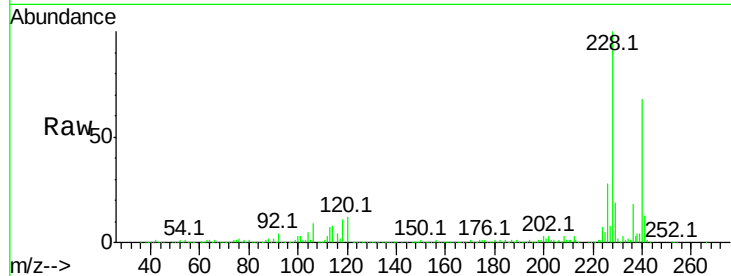
ClientSampled :

PB97500BS

Tot Ion:	240	Resp:	465123
Ion Ratio	Lower	Upper	
240	100		
120	18.5	12.9	19.3
236	26.8	20.9	31.3

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#76

Benzidine

Concen: 25.35 ng

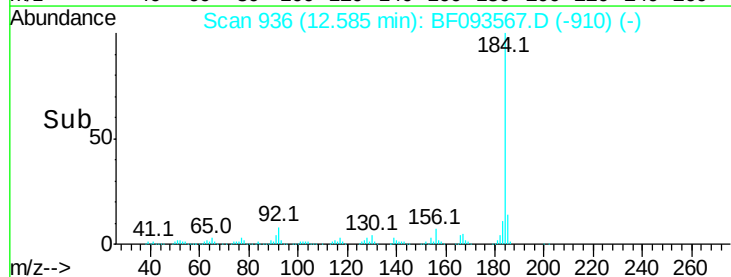
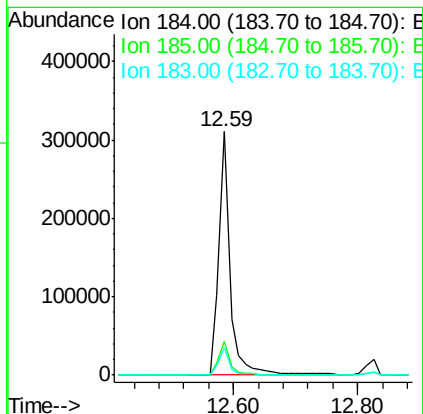
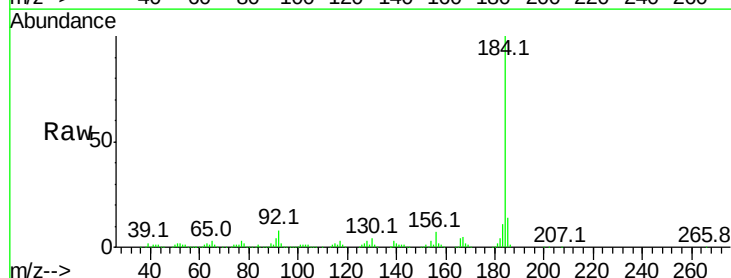
RT: 12.59 min Scan# 936

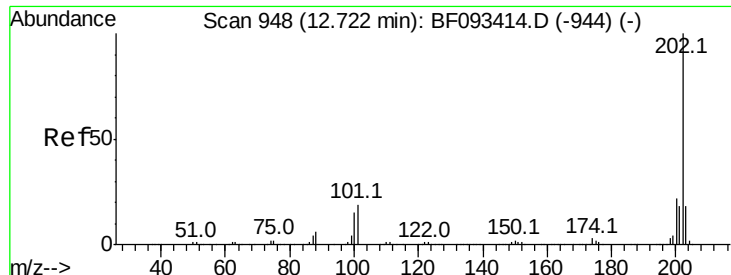
Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Tgt Ion:	184	Resp:	387739
Ion Ratio	Lower	Upper	
184	100		
185	13.8	13.4	20.0
183	11.4	9.2	13.8





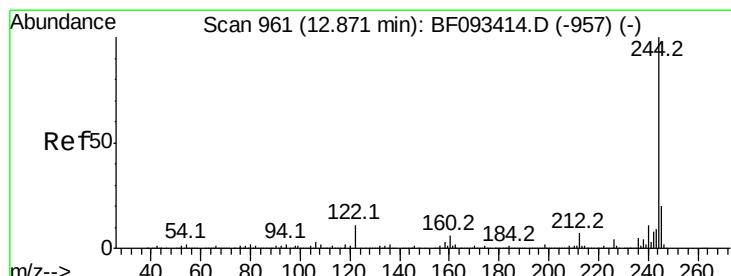
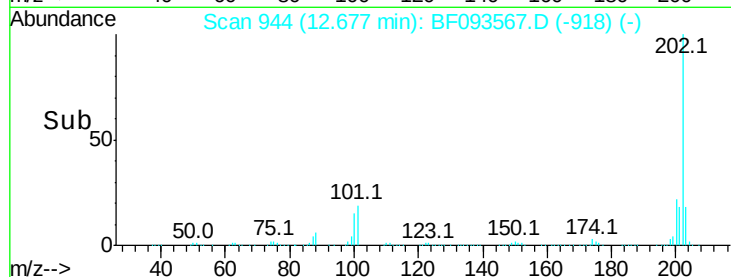
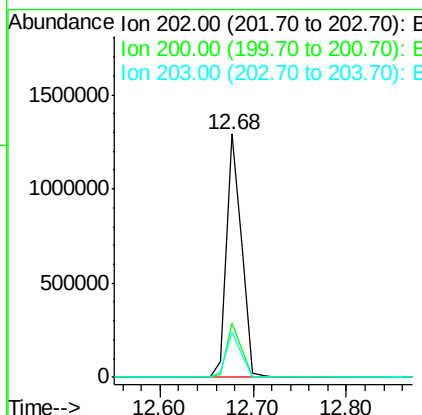
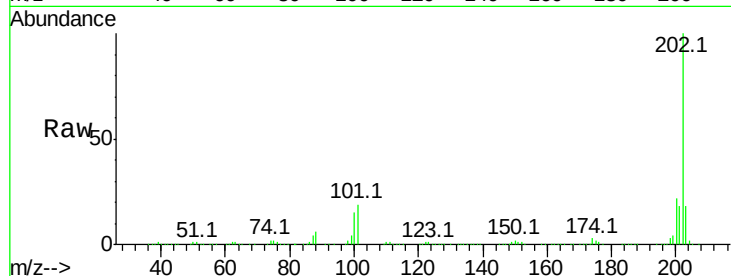
#77
Pvrene
Concen: 42.59 ng
RT: 12.68 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion:202 Resp: 1440834
Ion Ratio Lower Upper
202 100
200 22.4 17.7 26.5
203 18.4 14.7 22.1

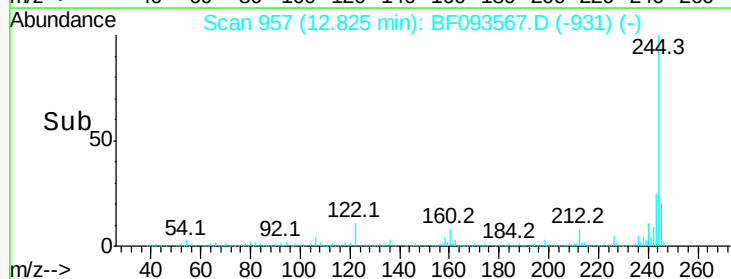
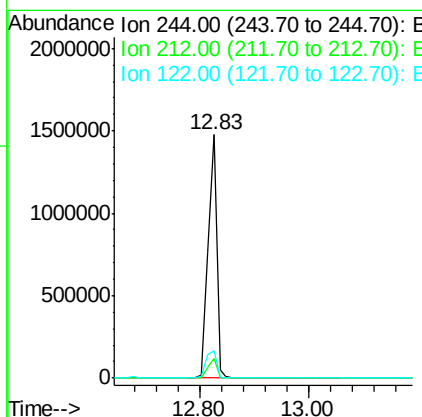
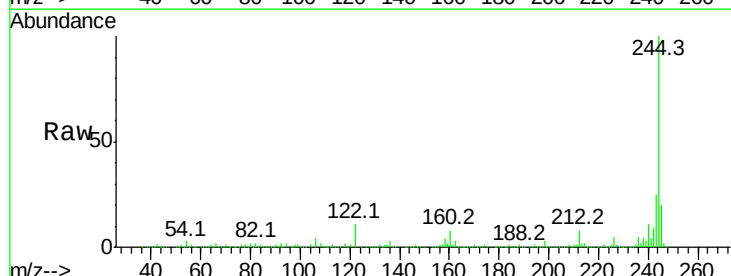
Manual Integrations
APPROVED

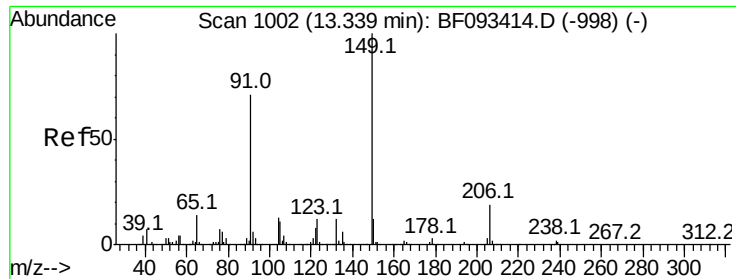
mohammad
3/15/2017 5:31:15 PM



#78
Terphenyl-d14
Concen: 89.20 ng
RT: 12.83 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion:244 Resp: 1595728
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 11.3 11.4 17.2#





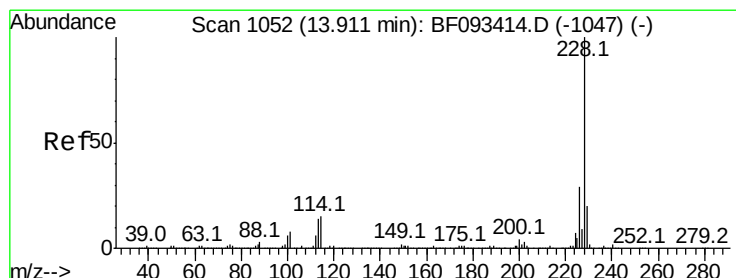
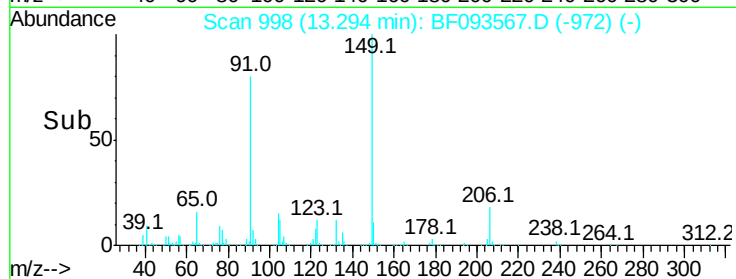
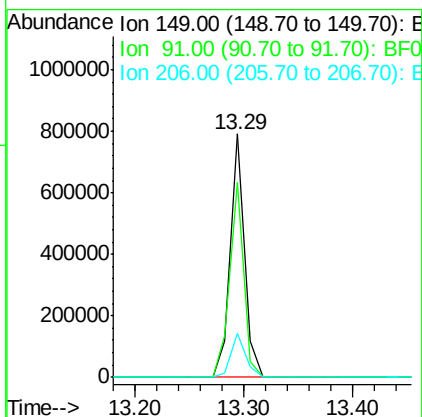
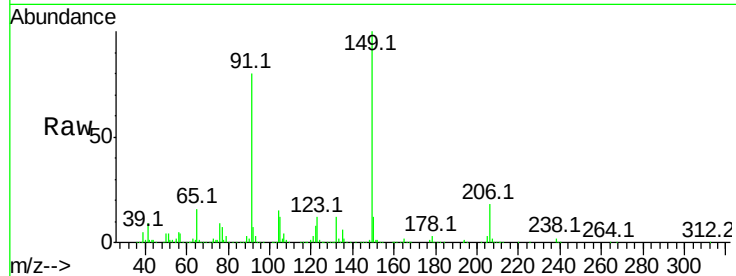
#79
Butylbenzylphthalate
Concen: 49.88 ng
RT: 13.29 min Scan# 998
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampled :
PB97500BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	710316		
91	79.8	63.9	95.9	
206	18.1	14.6	21.8	

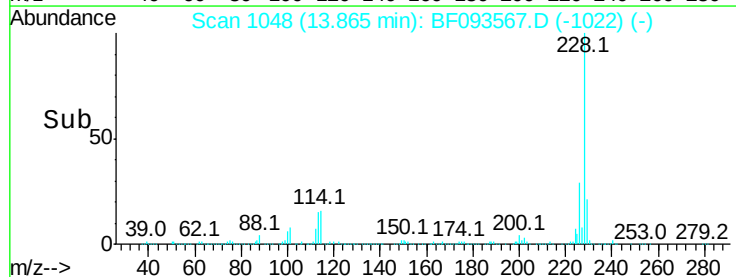
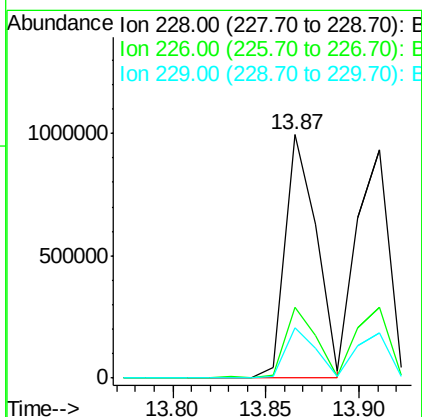
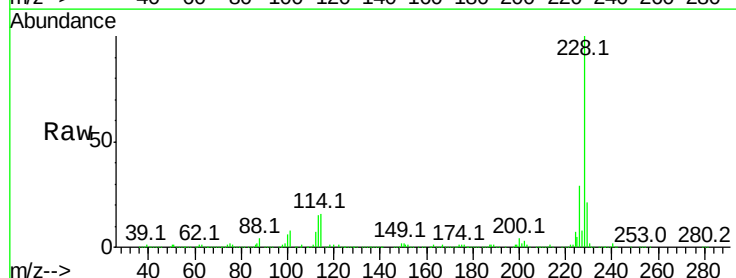
Manual Integrations
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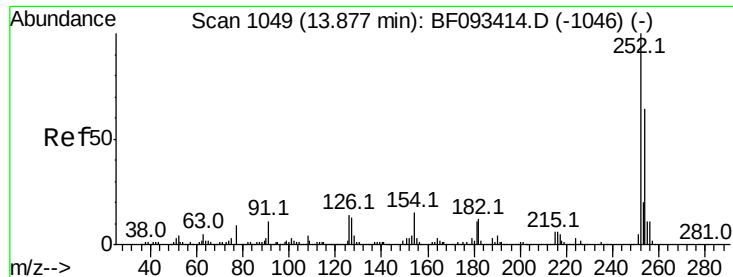
mohammad
3/15/2017 5:31:15 PM



#80
Benzo(a)anthracene
Concen: 42.46 ng
RT: 13.87 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1166347		
226	29.0	22.4	33.6	
229	20.6	16.2	24.4	





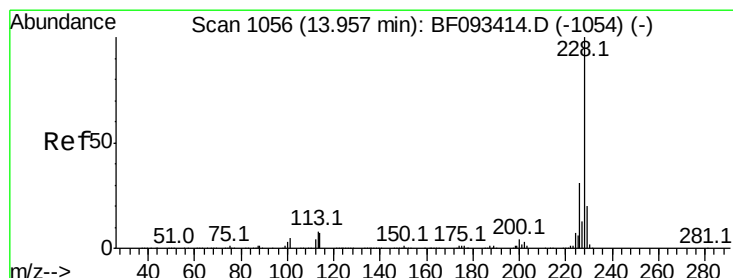
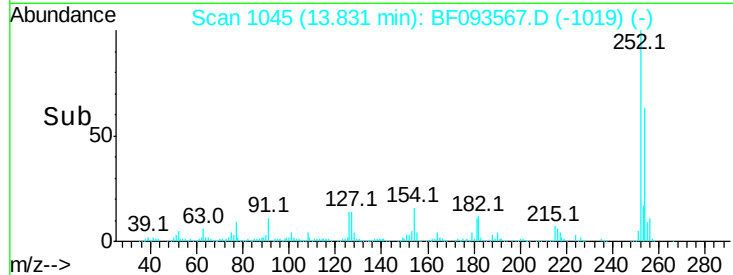
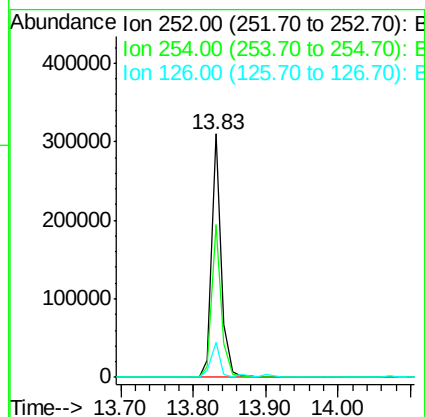
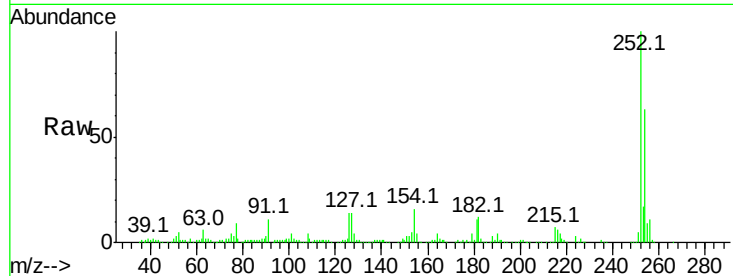
#81
 3,3'-Dichlorobenzidine
 Concen: 29.53 ng
 RT: 13.83 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97500BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	284127		
254	62.6	52.3	78.5	
126	14.4	13.6	20.4	

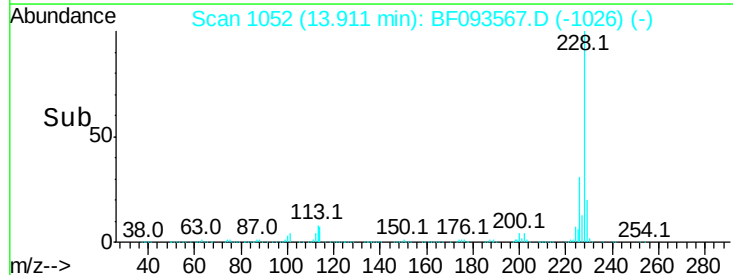
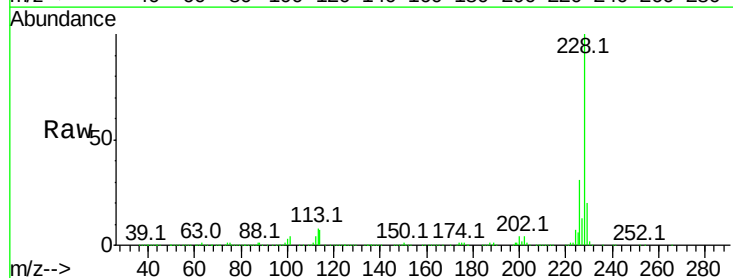
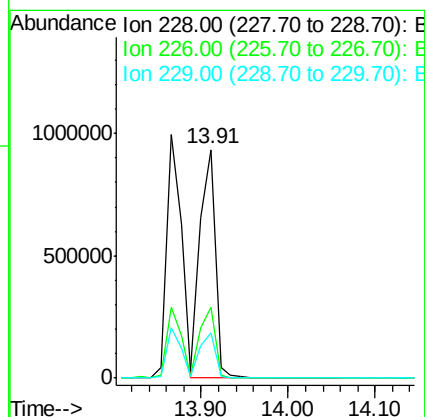
Manual Integrations
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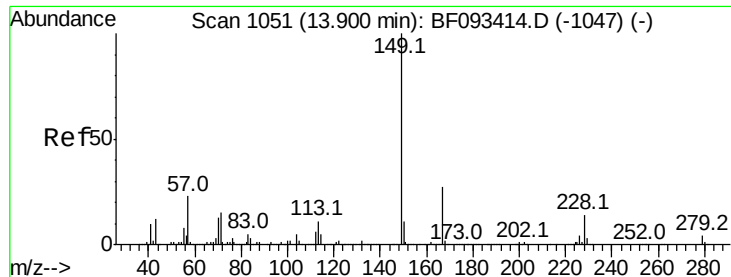
mohammad
 3/15/2017 5:31:15 PM



#82
 Chrysene
 Concen: 44.84 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1139644		
226	31.1	25.4	38.0	
229	19.7	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.40 ng

RT: 13.85 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

Instrument :

BNA_F

ClientSampleId :

PB97500BS

Tot Ion:149 Resp: 1020152

Ion Ratio Lower Upper

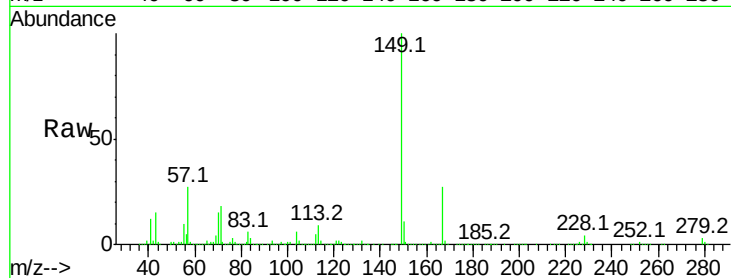
149 100

167 26.9 20.2 30.4

279 3.2 1.8 2.8#

Manual Integrations
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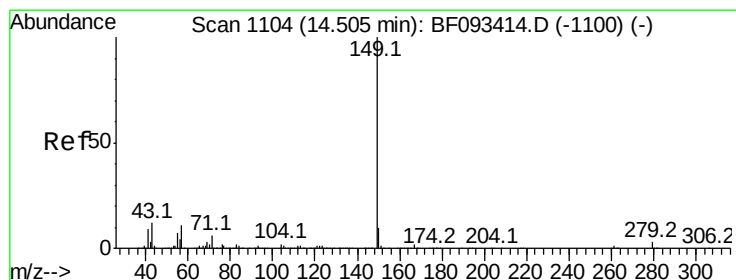
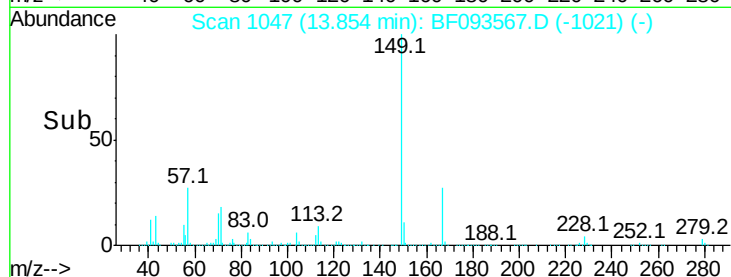
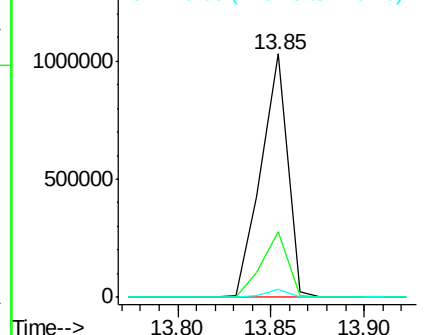
mohammad
3/15/2017 5:31:15 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.29 ng

RT: 14.46 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF093567.D

Acq: 11 Mar 2017 15:15

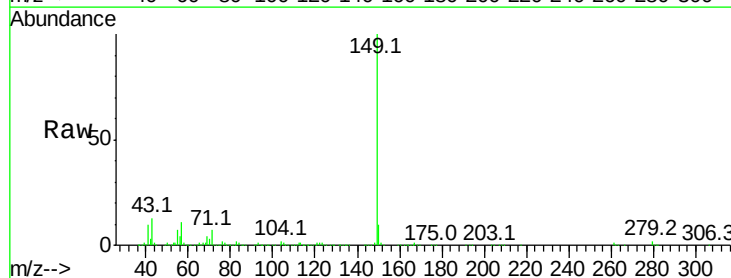
Tgt Ion:149 Resp: 1498148

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

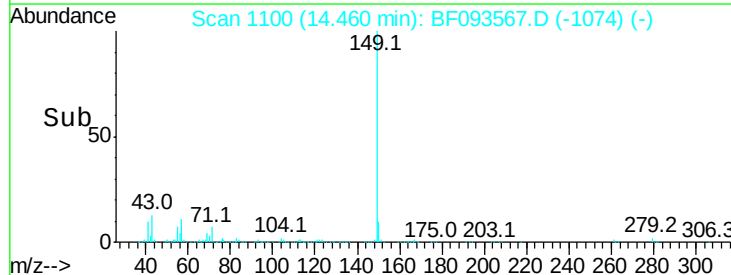
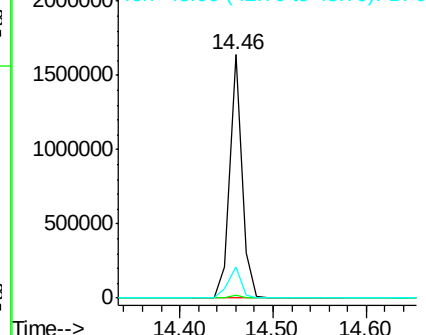
43 13.3 8.9 13.3

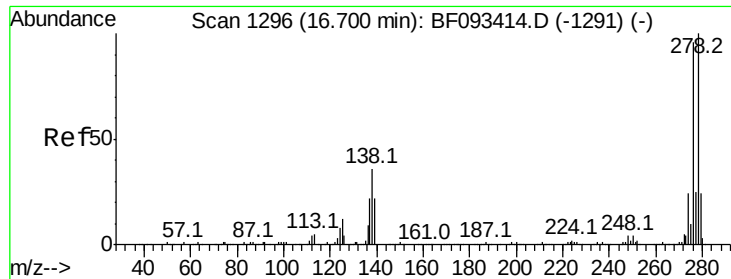


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





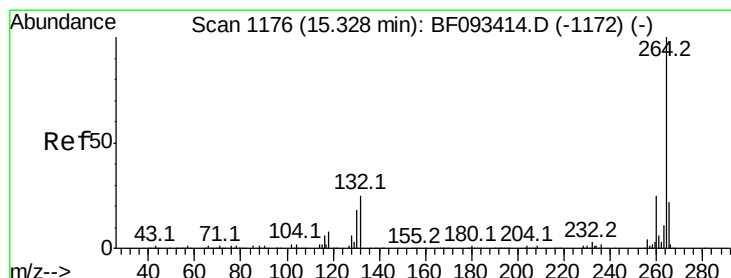
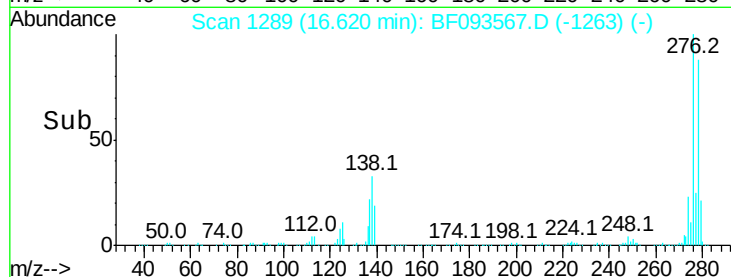
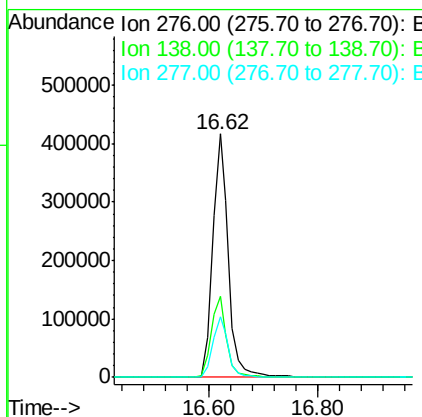
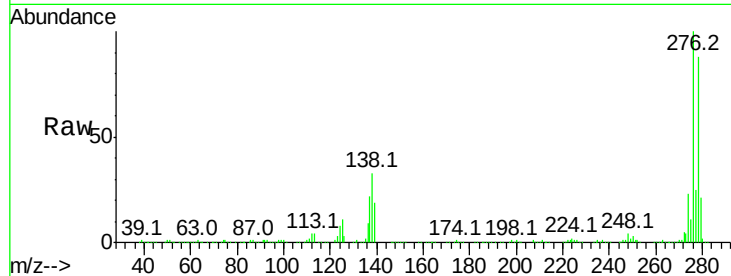
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.83 ng
 RT: 16.62 min Scan# 1289
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampled :
 PB97500BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.0	21.8	32.6
277	24.7	20.2	30.4

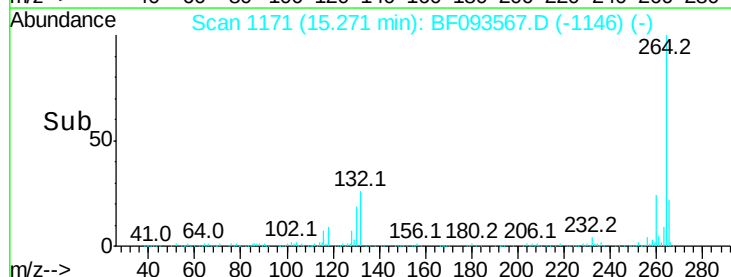
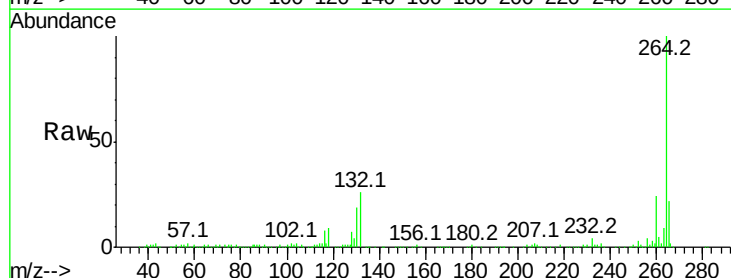
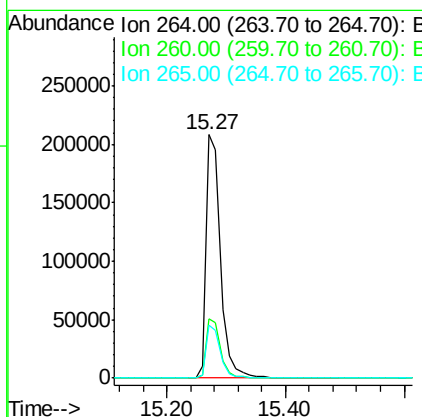
Manual Integrations
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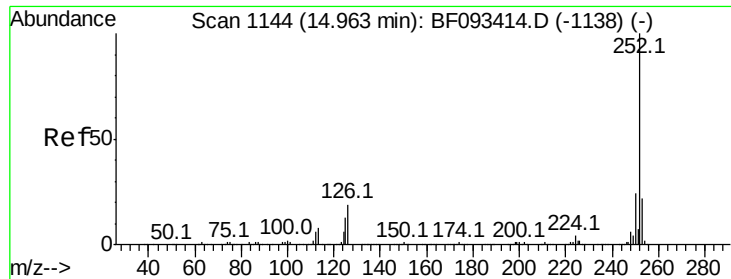
mohammad
 3/15/2017 5:31:15 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.9	17.4	26.0





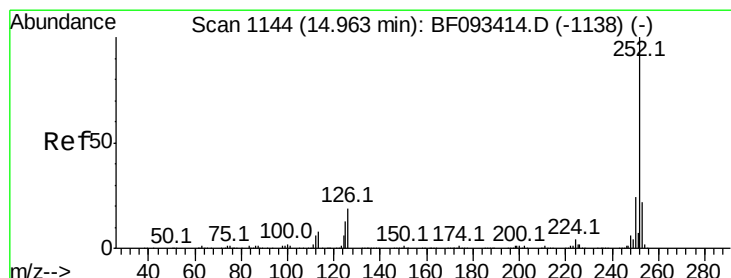
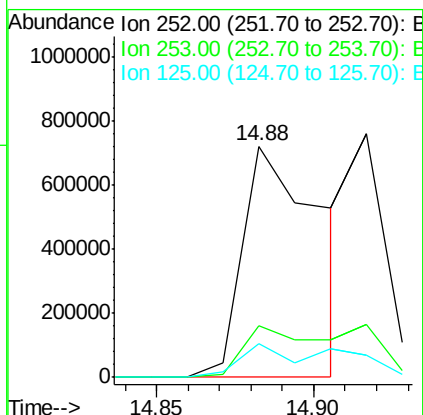
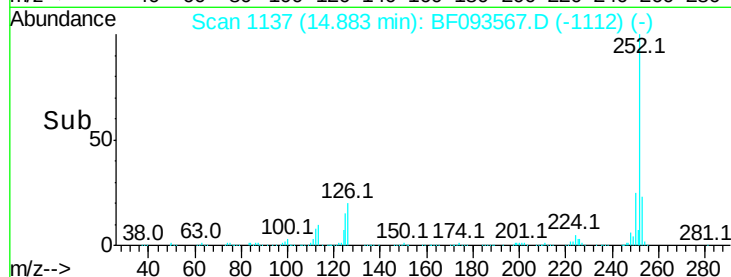
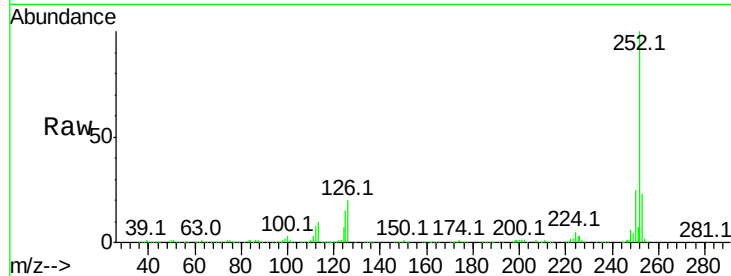
#87
Benzo(b)fluoranthene
Concen: 58.90 ng m
RT: 14.88 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion:252 Resp: 1259931
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 14.7 9.8 14.6#

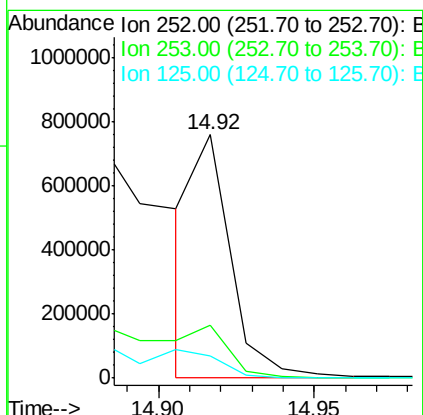
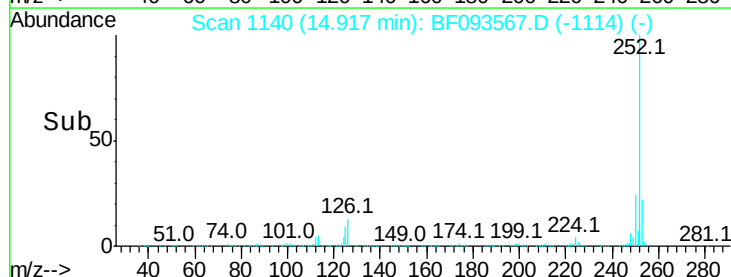
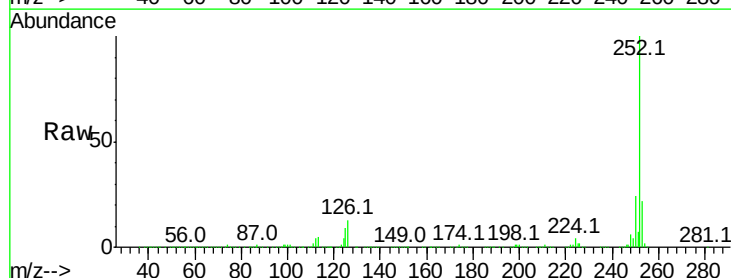
Manual Integrations
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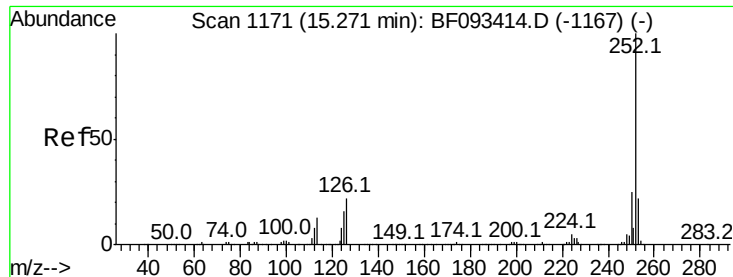
mohammad
3/15/2017 5:31:15 PM



#88
Benzo(k)fluoranthene
Concen: 30.39 ng m
RT: 14.92 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion:252 Resp: 626938
Ion Ratio Lower Upper
252 100
253 21.9 18.5 27.7
125 9.1 8.9 13.3





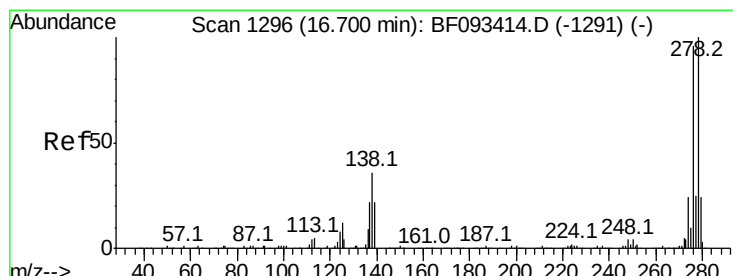
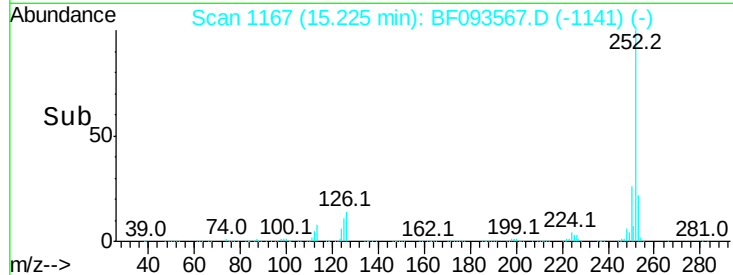
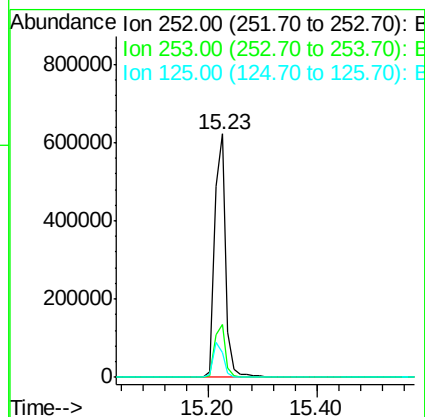
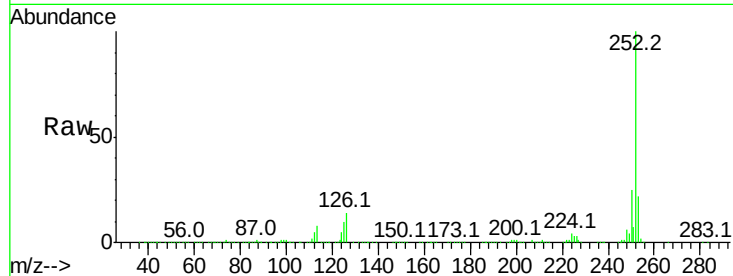
#89
Benzo(a)pyrene
Concen: 45.38 ng
RT: 15.23 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Instrument :
BNA_F
ClientSampleId :
PB97500BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.2
125	10.3	10.0	15.0

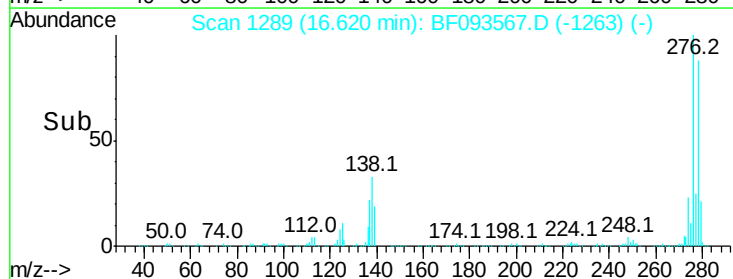
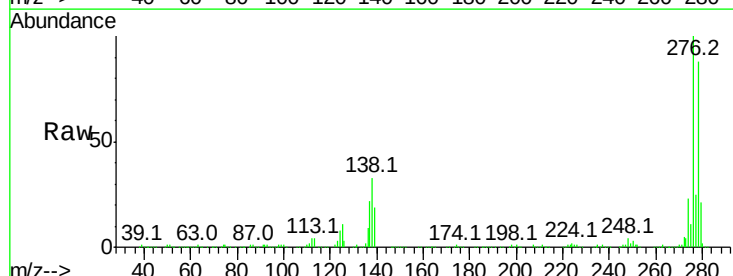
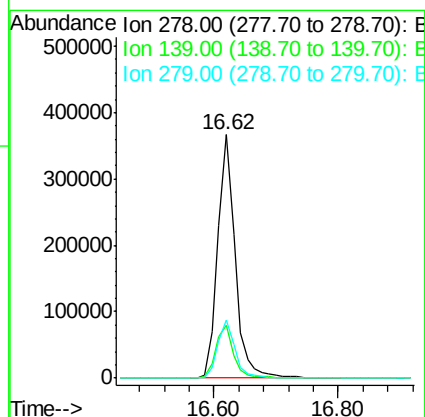
Manual Integrations
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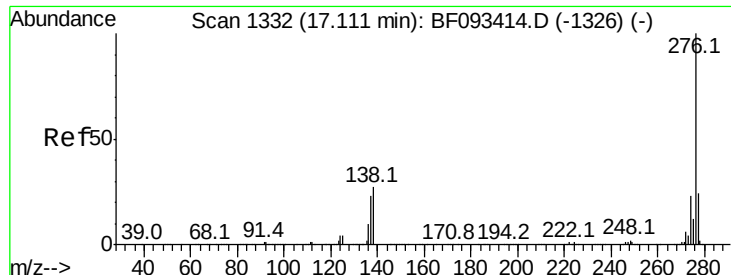
mohammad
3/15/2017 5:31:15 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.72 ng
RT: 16.62 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BF093567.D
Acq: 11 Mar 2017 15:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.8	22.2
279	23.6	19.8	29.6





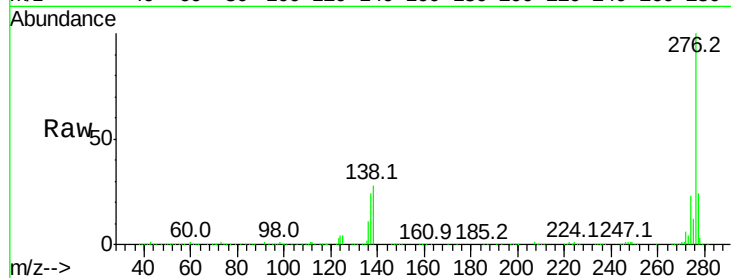
#91
 Benzo(a,h,i)perylene
 Concen: 44.85 ng
 RT: 17.02 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: BF093567.D
 Acq: 11 Mar 2017 15:15

Instrument :
 BNA_F
 ClientSampleId :
 PB97500BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	28.4	16.0	24.0

Manual Integrations
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mohammad
 3/15/2017 5:31:15 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

