

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093550.D
 Acq On : 11 Mar 2017 4:27
 Operator : SJ/MA
 Sample : PB97501BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97501BS

Manual Integrations
 APPROVED

mohammad
 3/13/2017 5:29:18 PM

Quant Time: Mar 11 06:02:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	173127	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	704044	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	337101	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	614847	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	493789	20.00	ng	-0.01
86) Perylene-d12	15.31	264	397241	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	996053	95.75	ng	0.00
7) Phenol-d6	6.41	99	1178797	89.86	ng	0.00
23) Nitrobenzene-d5	7.32	82	1017635	80.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	205195	93.43	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1599365	88.25	ng	-0.03
78) Terphenyl-d14	12.85	244	1521516	80.11	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	212322	37.06	ng	# 85
3) Pyridine	2.98	79	515542	35.29	ng	87
4) n-Nitrosodimethylamine	2.96	42	310536	44.51	ng	86
6) Aniline	6.41	93	170781	9.49	ng	# 72
8) 2-Chlorophenol	6.54	128	466675	40.04	ng	97
9) Benzaldehyde	6.31	77	55058	4.71	ng	95
10) Phenol	6.42	94	651083	40.51	ng	# 75
11) bis(2-Chloroethyl)ether	6.48	93	491214	37.81	ng	93
12) 1,3-Dichlorobenzene	6.68	146	511959m	38.38	ng	
13) 1,4-Dichlorobenzene	6.76	146	541960	39.68	ng	97
14) 1,2-Dichlorobenzene	6.92	146	455485	37.66	ng	95
15) Benzyl Alcohol	6.90	79	368698	39.43	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	829116	38.42	ng	# 44
17) 2-Methylphenol	7.03	107	394147	39.98	ng	# 89
18) Hexachloroethane	7.25	117	184982	40.16	ng	97
19) n-Nitroso-di-n-propylamine	7.17	70	374874	41.57	ng	95
20) 3+4-Methylphenols	7.19	107	554283	43.35	ng	# 69
22) Acetophenone	7.17	105	685077	40.44	ng	# 91
24) Nitrobenzene	7.34	77	577141	40.47	ng	94
25) Isophorone	7.58	82	980960	38.34	ng	100
26) 2-Nitrophenol	7.66	139	257909	39.64	ng	90
27) 2,4-Dimethylphenol	7.70	122	433987	41.00	ng	98
28) bis(2-Chloroethoxy)methane	7.78	93	608931	37.70	ng	98
29) 2,4-Dichlorophenol	7.91	162	419727	42.15	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	399590	37.73	ng	# 96
31) Naphthalene	8.05	128	1290431	36.58	ng	99
32) Benzoic acid	7.86	122	189103	34.38	ng	96
33) 4-Chloroaniline	8.13	127	40253	2.81	ng	94
34) Hexachlorobutadiene	8.16	225	214898	39.40	ng	99
35) Caprolactam	8.49	113	141732m	41.68	ng	
36) 4-Chloro-3-methylphenol	8.62	107	453023	42.62	ng	99
37) 2-Methylnaphthalene	8.74	142	898107	40.01	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	371399	40.35	ng	99
40) Hexachlorocyclopentadiene	8.88	237	183055	78.99	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	259068	45.05	nq	91
43) 2,4,5-Trichlorophenol	9.09	196	249043	40.36	nq	92
45) 1,1'-Biphenyl	9.20	154	1035766	42.18	nq	97
46) 2-Chloronaphthalene	9.22	162	814142	43.31	nq	95
47) 2-Nitroaniline	9.34	65	285431	42.95	nq	# 85
48) Acenaphthylene	9.64	152	1270767	40.99	nq	99
49) Dimethylphthalate	9.51	163	989306	44.27	nq	99
50) 2,6-Dinitrotoluene	9.58	165	194021	39.57	nq	# 38
51) Acenaphthene	9.81	154	732864	39.98	nq	96
52) 3-Nitroaniline	9.77	138	19526	3.31	nq	# 86
53) 2,4-Dinitrophenol	9.89	184	73172	32.77	nq	# 72
54) Dibenzofuran	9.99	168	1131161	49.30	nq	94
55) 4-Nitrophenol	9.96	139	172617m	60.32	nq	
56) 2,4-Dinitrotoluene	9.99	165	261169	43.35	nq	# 62
57) Fluorene	10.33	166	861888	44.33	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	201580	46.29	nq	98
59) Diethylphthalate	10.21	149	974547	45.63	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	411836	47.26	nq	# 77
61) 4-Nitroaniline	10.38	138	172426	28.62	nq	91
62) Azobenzene	10.48	77	1213939	50.02	nq	94
64) 4,6-Dinitro-2-methylphenol	10.41	198	111584	28.01	nq	87
65) n-Nitrosodiphenylamine	10.45	169	706788	34.43	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	228165	35.09	nq	# 89
67) Hexachlorobenzene	10.88	284	235637	37.95	nq	# 89
68) Atrazine	10.97	200	169156	28.15	nq	98
69) Pentachlorophenol	11.09	266	96107	44.84	nq	99
70) Phenanthrene	11.29	178	1317616	37.54	nq	98
71) Anthracene	11.34	178	1329214	37.44	nq	99
72) Carbazole	11.51	167	1086477	32.58	nq	97
73) Di-n-butylphthalate	11.82	149	1492151	38.67	nq	98
74) Fluoranthene	12.47	202	1305196	38.50	nq	95
77) Pyrene	12.70	202	1311421	36.52	nq	100
79) Butylbenzylphthalate	13.32	149	652787	43.18	nq	96
80) Benzo(a)anthracene	13.90	228	1153832	39.57	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	36098	3.53	nq	# 91
82) Chrysene	13.93	228	1130879	41.92	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	963227	45.71	nq	# 97
84) Di-n-octyl phthalate	14.48	149	1518479	43.24	nq	97
85) Indeno(1,2,3-cd)pyrene	16.68	276	879006	38.92	nq	# 93
87) Benzo(b)fluoranthene	14.92	252	1021529m	42.22	nq	
88) Benzo(k)fluoranthene	14.94	252	918254m	39.36	nq	
89) Benzo(a)pyrene	15.26	252	930969	42.10	nq	96
90) Dibenzo(a,h)anthracene	16.67	278	759794	41.54	nq	# 95
91) Benzo(g,h,i)perylene	17.08	276	754051	40.16	nq	# 93

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

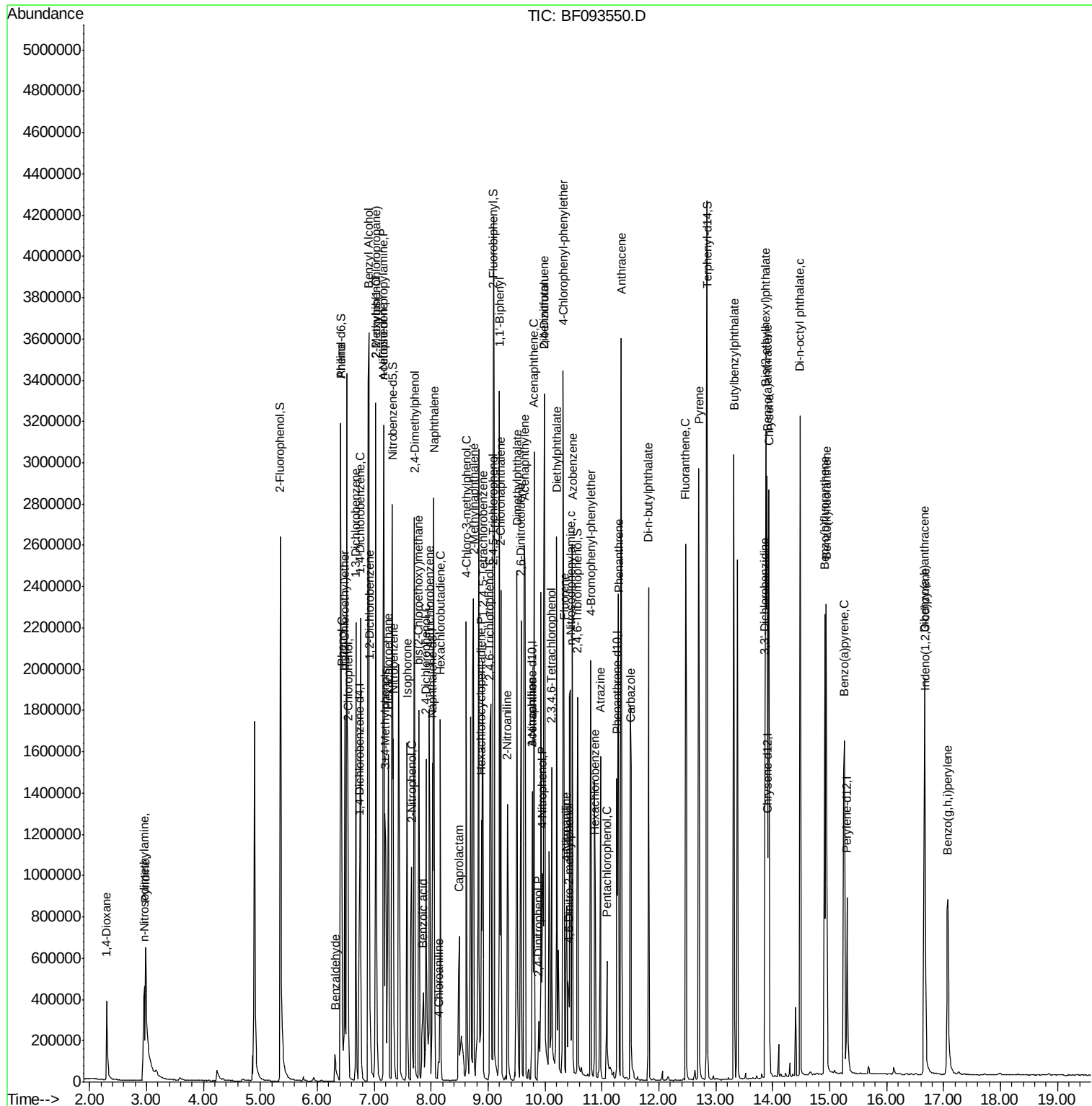
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\  
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Operator  : SJ/MA  
Sample    : PB97501BS  
Misc      :  
ALS Vial  : 30    Sample Multiplier: 1
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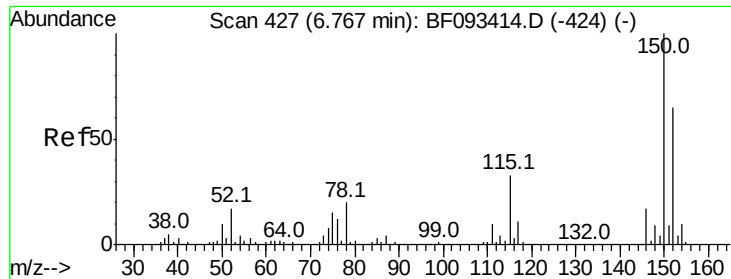
Instrument :
BNA_F
ClientSampleId :
PB97501BS

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#1

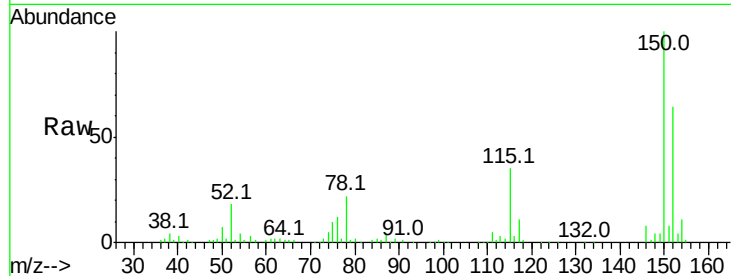
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

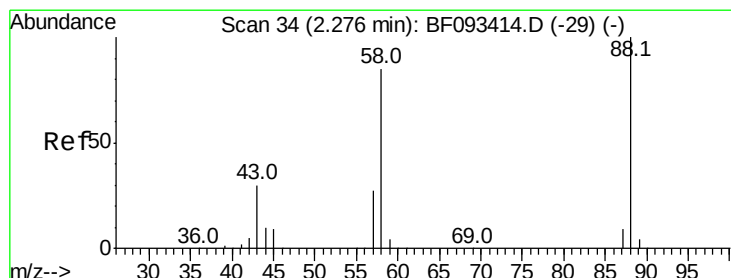
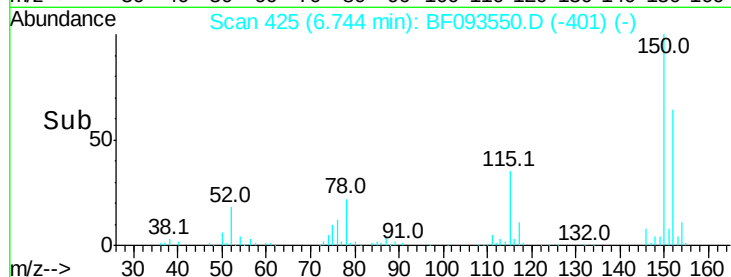
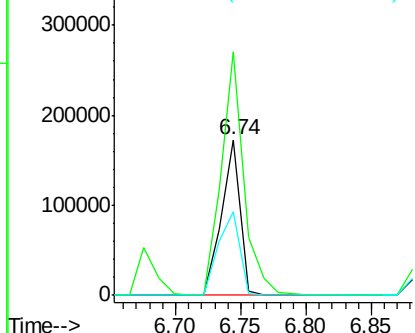
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.9	187.3
115	54.0	46.0	69.0

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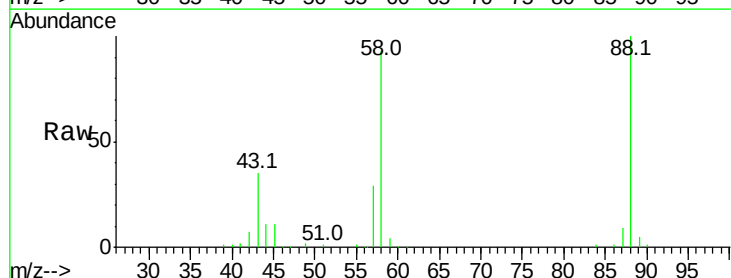
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



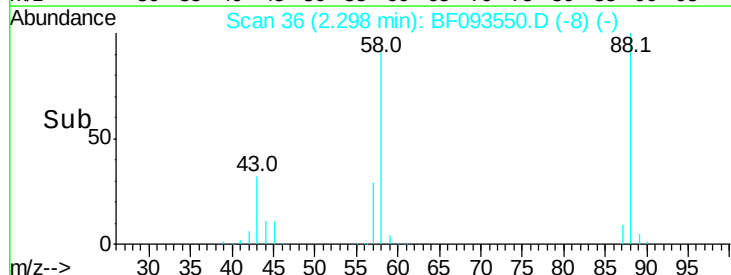
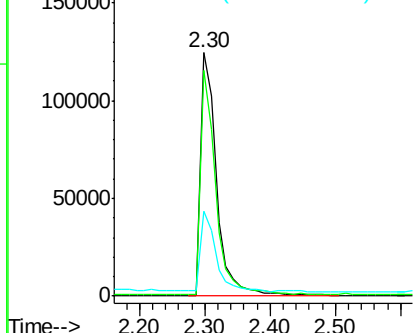
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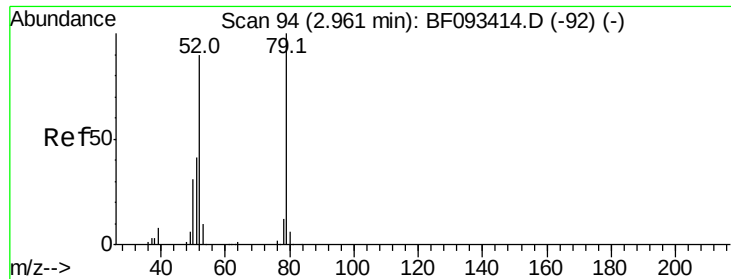
1,4-Dioxane
Concen: 37.06 ng
RT: 2.30 min Scan# 36
Delta R.T. 0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.8	57.8	86.8#
43	31.4	22.3	33.5



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





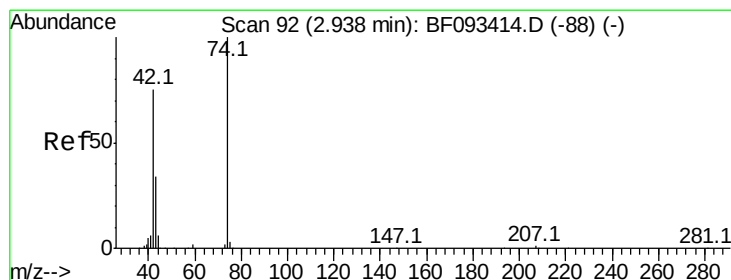
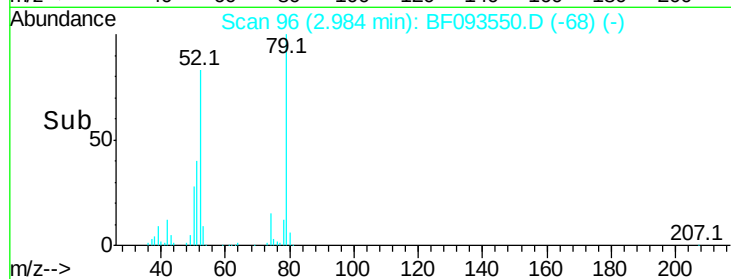
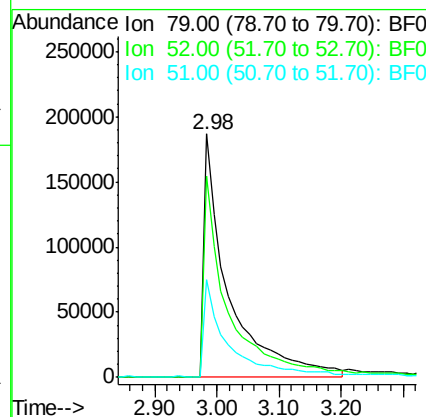
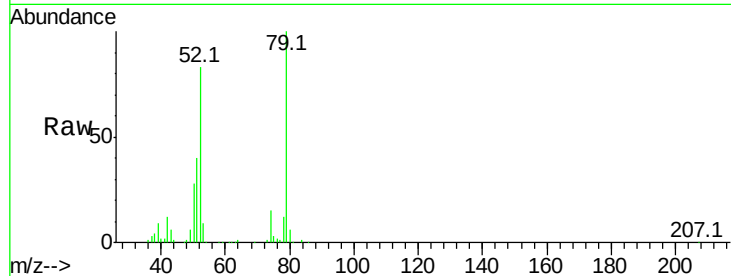
#3
 Pvridine
 Concen: 35.29 ng
 RT: 2.98 min Scan# 96
 Delta R.T. 0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Instrument :
 BNA_F
 ClientSampleID :
 PB97501BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	82.7	57.1	85.7
51	40.2	27.3	40.9

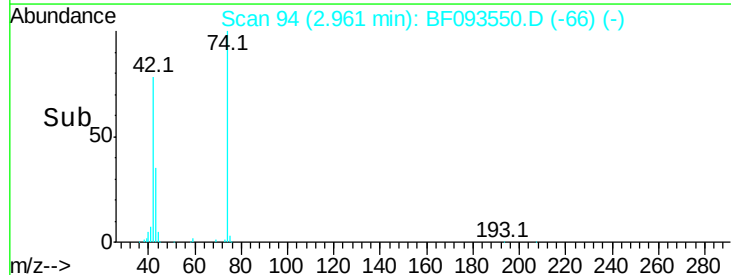
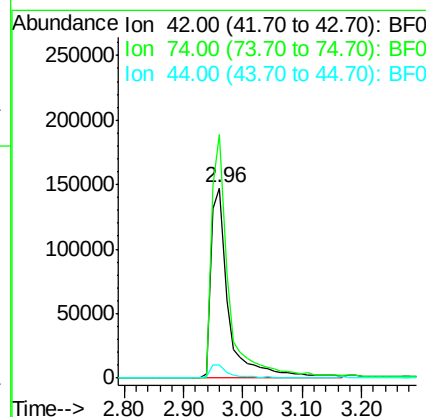
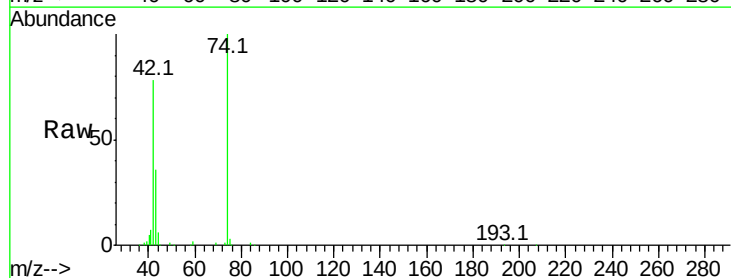
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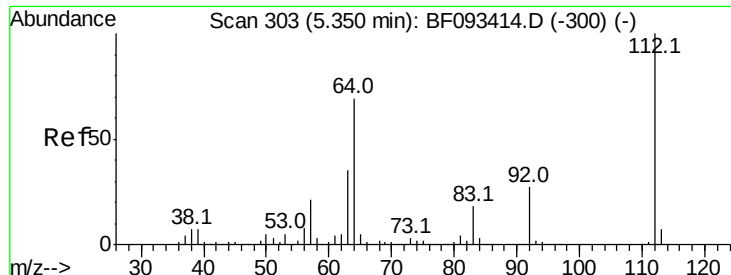
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#4
 n-Nitrosodimethylamine
 Concen: 44.51 ng
 RT: 2.96 min Scan# 94
 Delta R.T. 0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.1	117.0	175.4
44	7.3	5.5	8.3





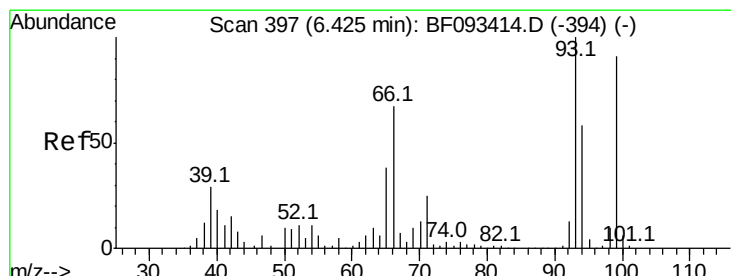
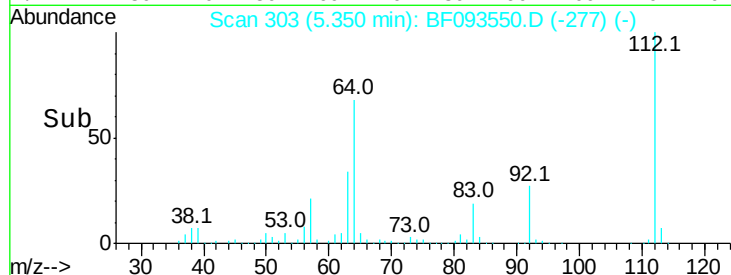
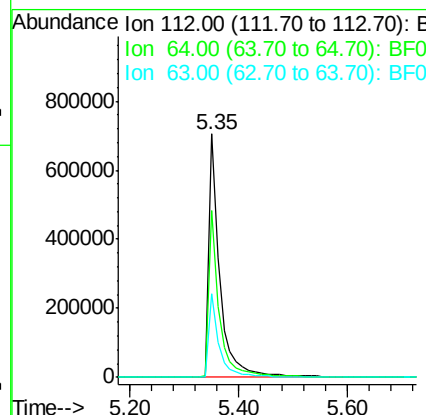
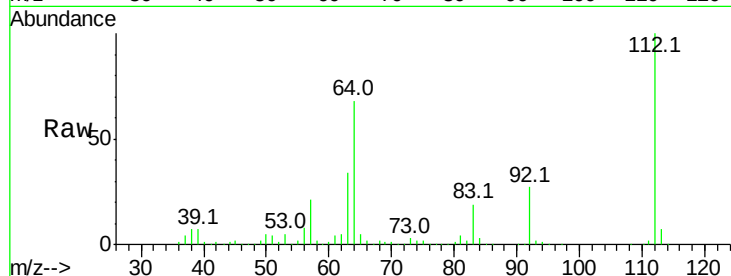
#5
2-Fluorophenol
Concen: 95.75 ng
RT: 5.35 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Tot Ion:	112	Resp:	996053
Ion Ratio	Lower	Upper	
112	100		
64	68.3	46.1	69.1
63	34.1	23.8	35.6

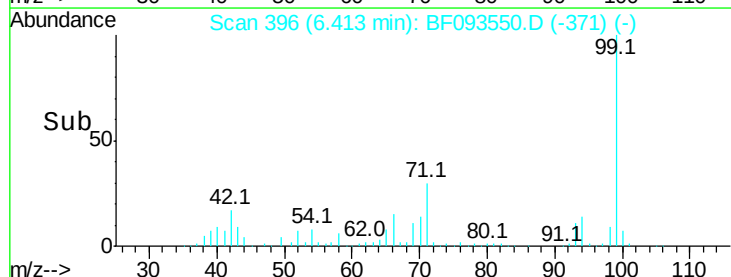
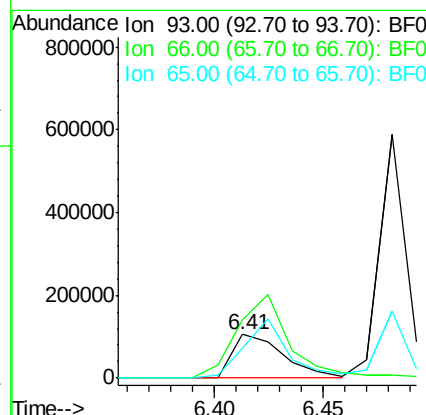
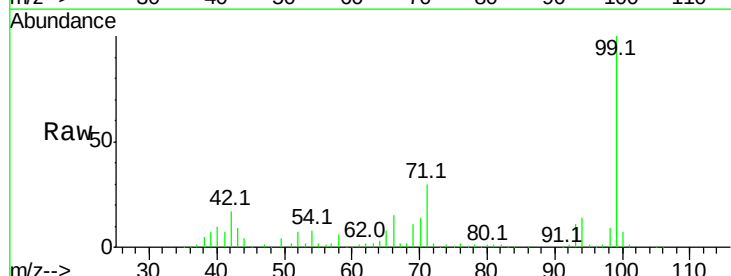
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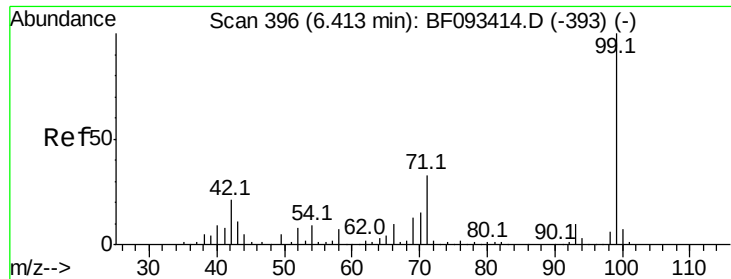
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#6
Aniline
Concen: 9.49 ng
RT: 6.41 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion:	93	Resp:	170781
Ion Ratio	Lower	Upper	
93	100		
66	133.3	76.2	114.2#
65	69.3	49.3	73.9





#7

Phenol-d6

Concen: 89.86 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

PB97501BS

Tot Ion: 99 Resp: 1178797

Ion Ratio Lower Upper

99 100

42 17.2 15.6 23.4

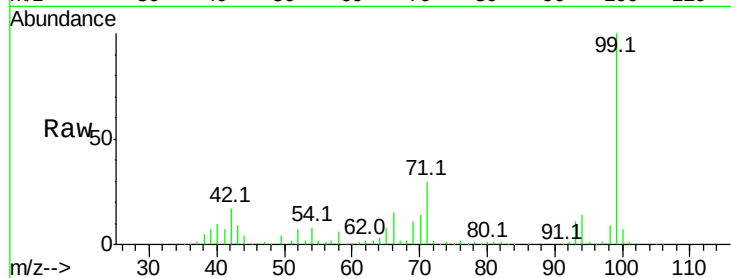
71 29.7 27.5 41.3

Manual Integrations

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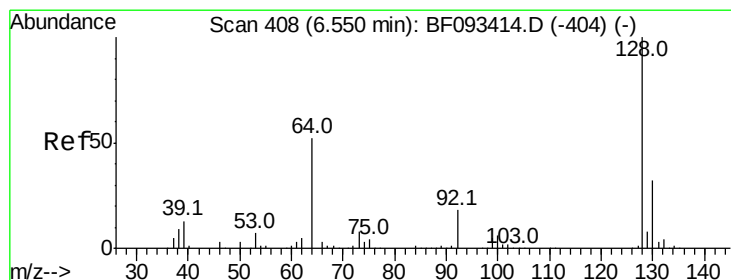
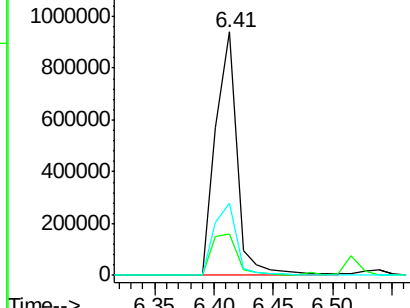
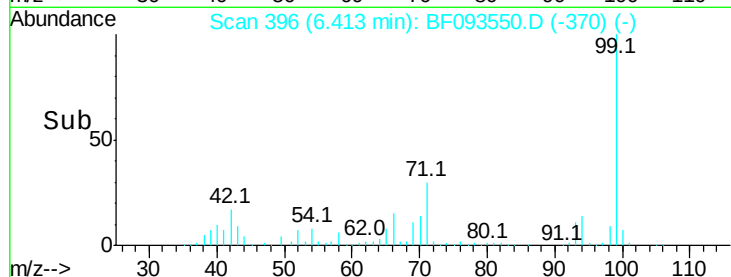
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.04 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

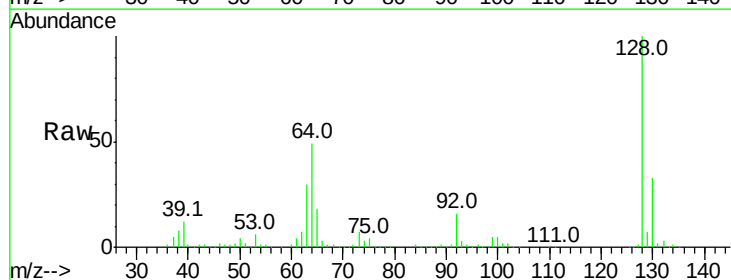
Tgt Ion: 128 Resp: 466675

Ion Ratio Lower Upper

128 100

130 32.9 12.3 52.3

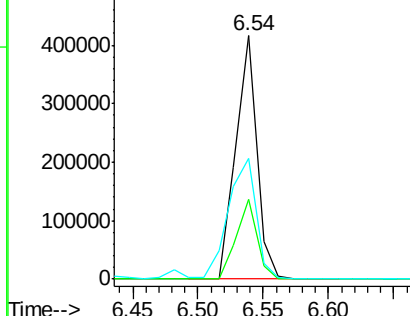
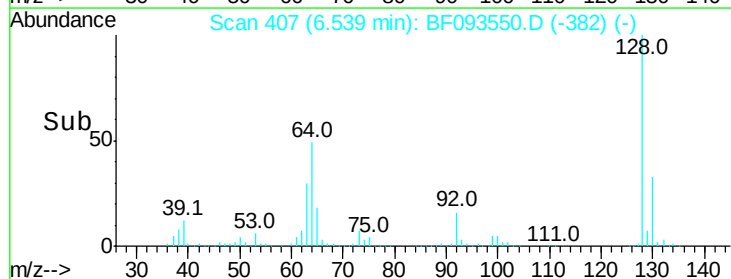
64 49.4 32.2 72.2

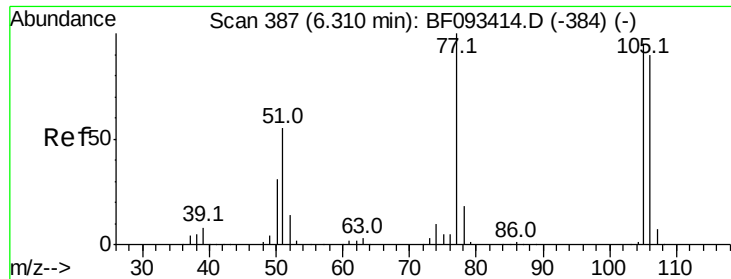


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





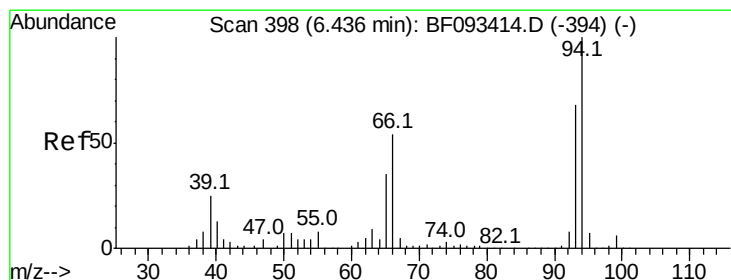
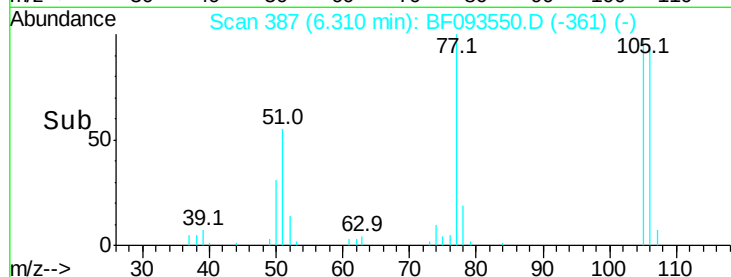
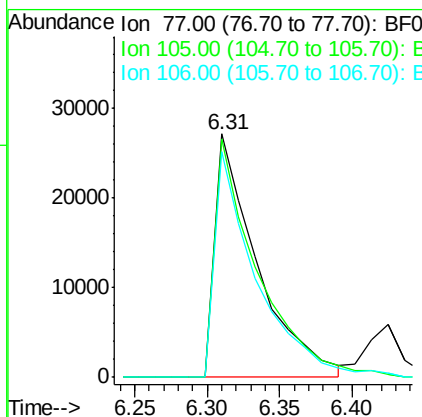
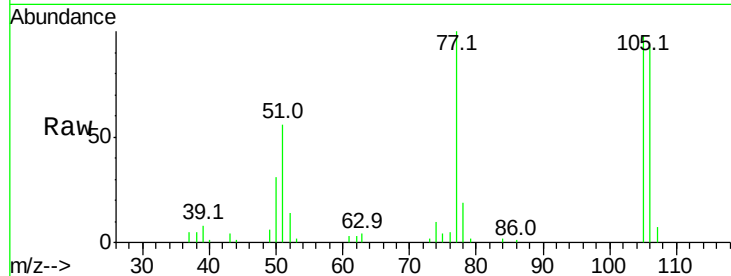
#9
Benzaldehyde
Concen: 4.71 ng
RT: 6.31 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Tot Ion: 77 Resp: 55058
Ion Ratio Lower Upper
77 100
105 97.8 83.9 123.9
106 92.7 77.6 117.6

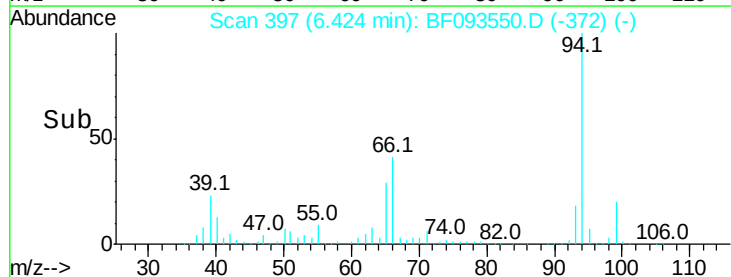
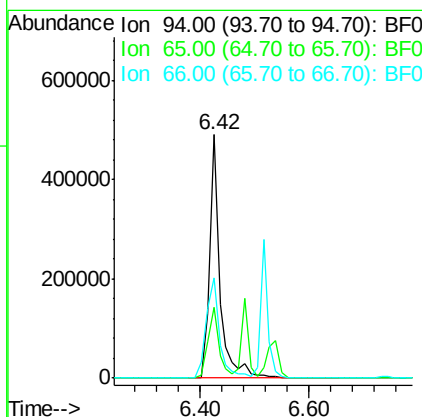
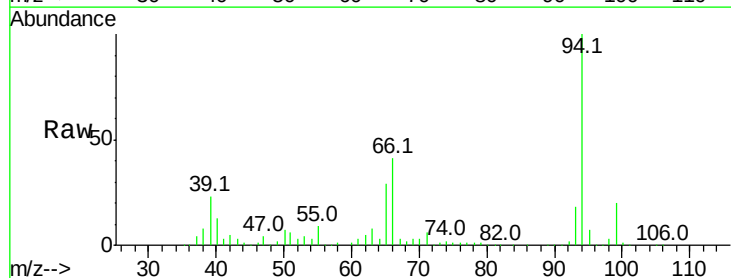
Manual Integrations
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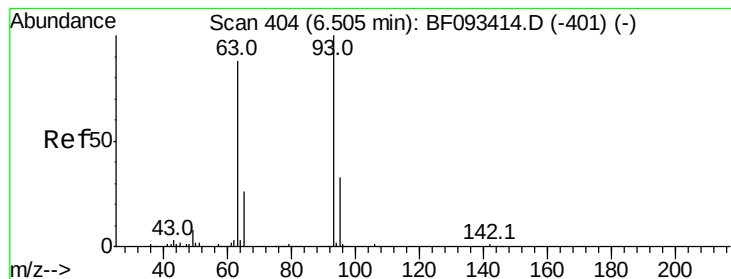
mohammad
3/13/2017 5:29:18 PM



#10
Phenol
Concen: 40.51 ng
RT: 6.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion: 94 Resp: 651083
Ion Ratio Lower Upper
94 100
65 29.3 21.4 61.4
66 41.1 44.0 84.0#





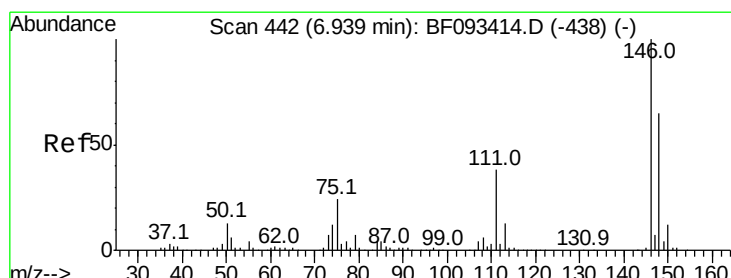
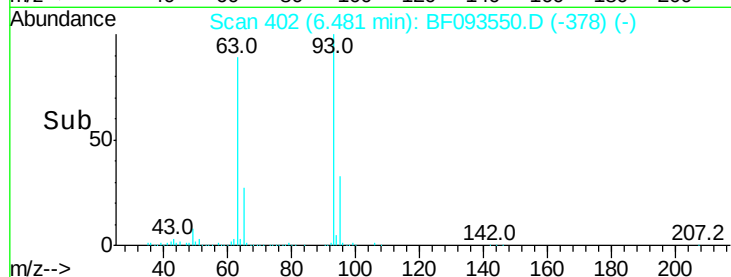
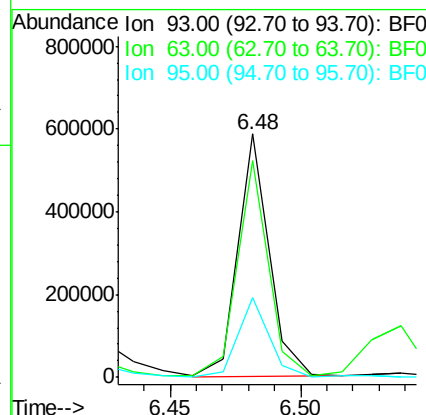
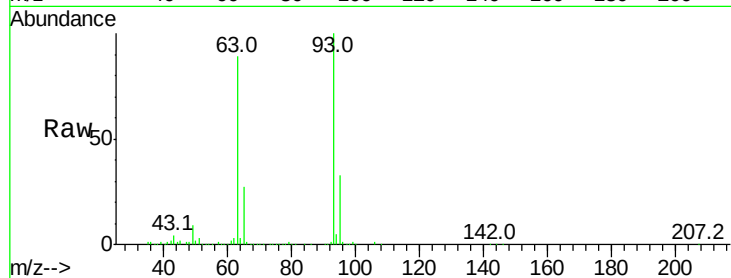
#11
bis(2-Chloroethyl)ether
Concen: 37.81 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Tot Ion:	93	Resp:	491214
Ion Ratio	Lower	Upper	
93	100		
63	88.9	60.4	100.4
95	32.9	12.8	52.8

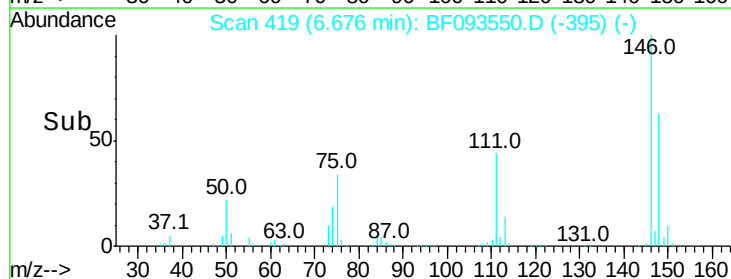
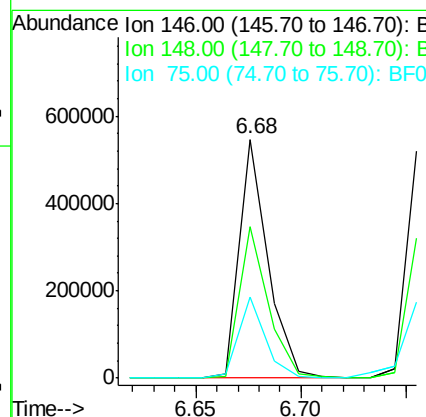
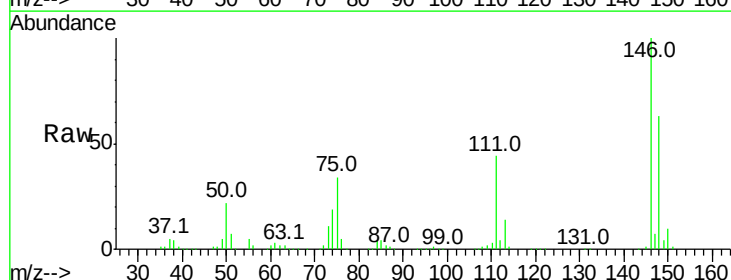
Manual Integrations
APPROVED

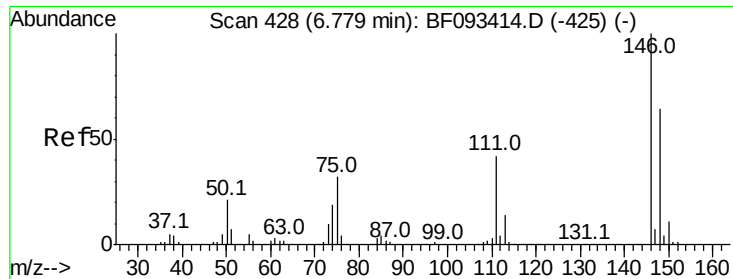
mohammad
3/13/2017 5:29:18 PM



#12
1,3-Dichlorobenzene
Concen: 38.38 ng m
RT: 6.68 min Scan# 419
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion:	146	Resp:	511959
Ion Ratio	Lower	Upper	
146	100		
148	63.3	53.4	80.0
75	34.1	18.5	27.7#





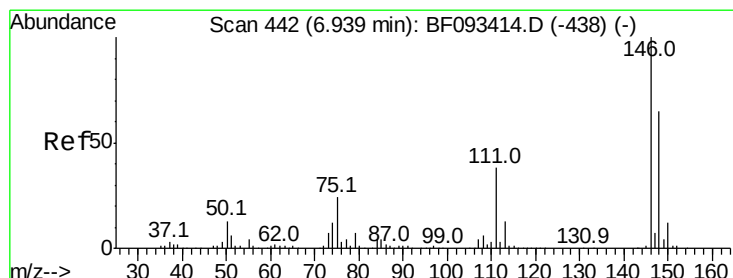
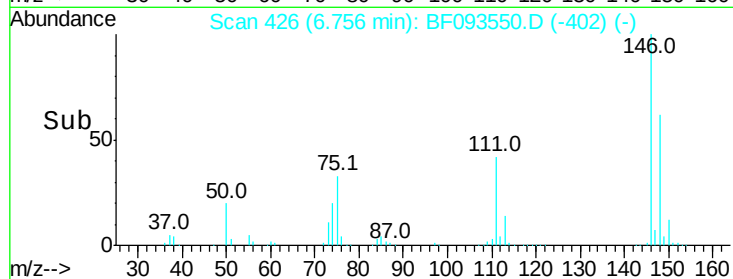
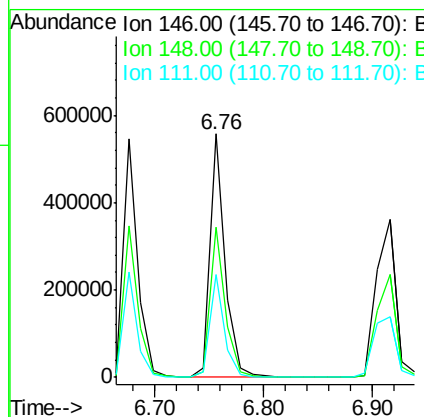
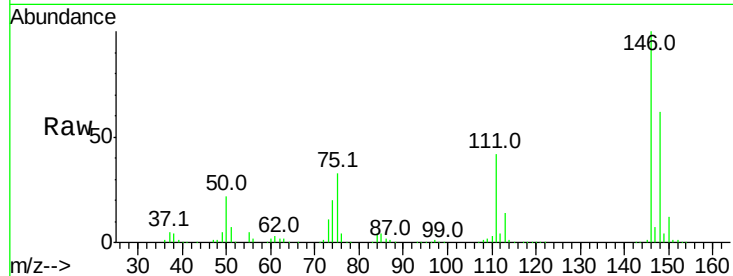
#13
 1,4-Dichlorobenzene
 Concen: 39.68 ng
 RT: 6.76 min Scan# 426
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97501BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	50.6	76.0
111	42.0	36.2	54.4

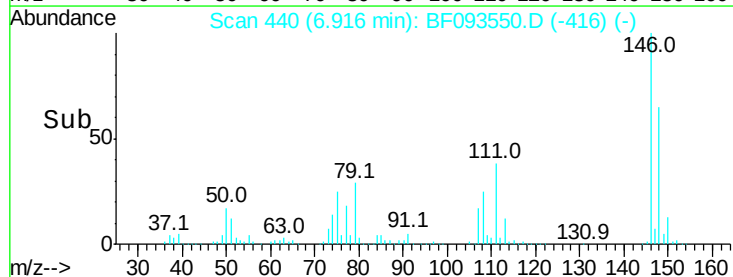
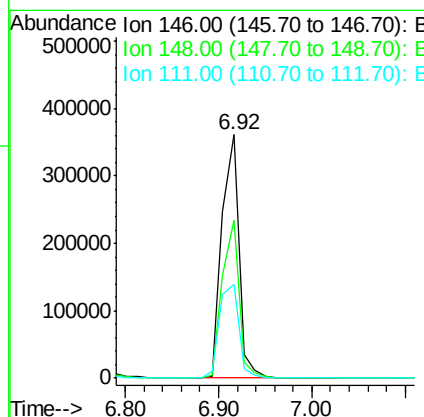
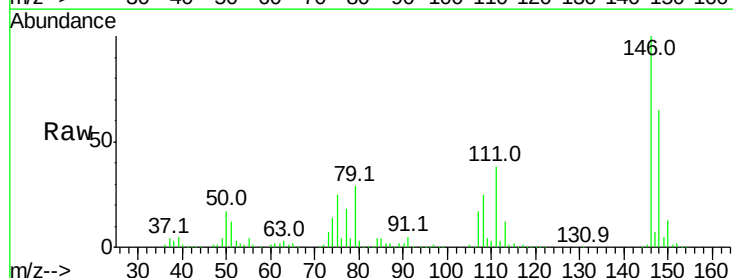
Manual Integrations
 APPROVED

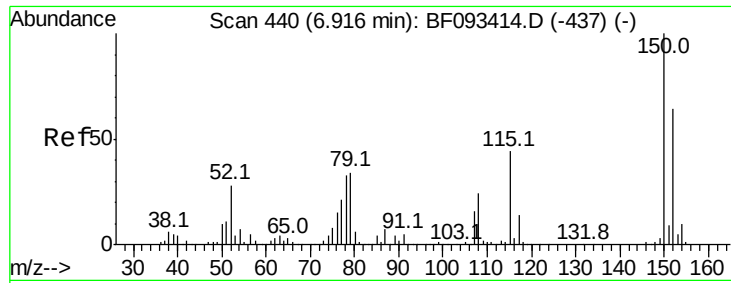
mohammad
 3/13/2017 5:29:18 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.66 ng
 RT: 6.92 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.2	78.2
111	38.3	36.2	54.2





#15

Benzyl Alcohol

Concen: 39.43 ng

RT: 6.90 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampled :

PB97501BS

Tot Ion: 79 Resp: 368698

Ion Ratio Lower Upper

79 100

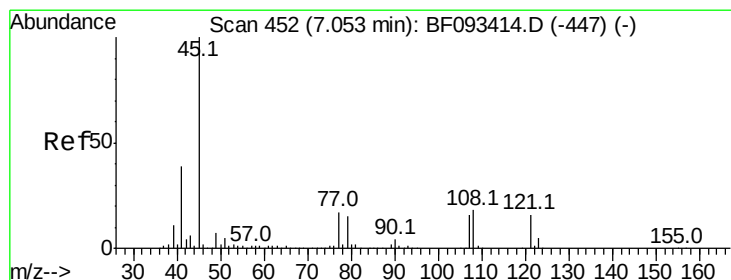
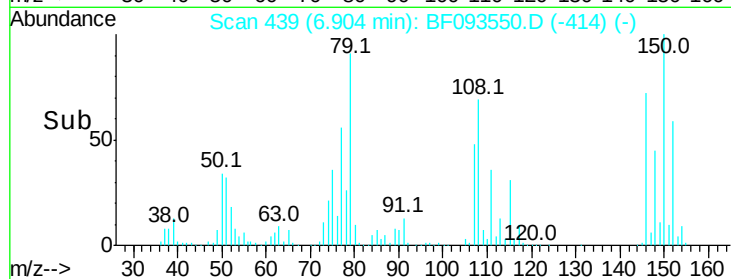
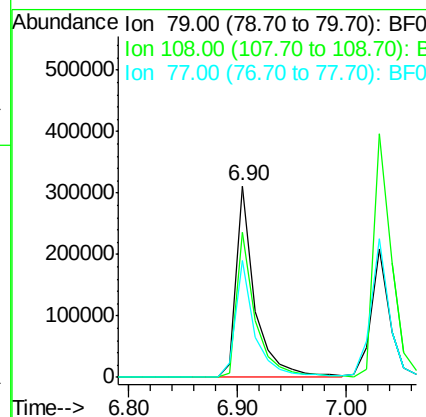
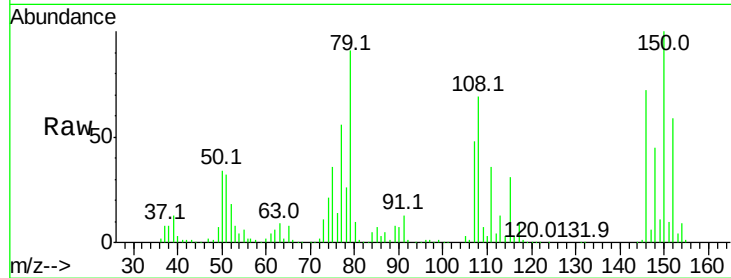
108 76.1 61.4 92.0

77 61.3 50.9 76.3

Manual Integrations
APPROVED

mohammad

3/13/2017 5:29:18 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.42 ng

RT: 7.03 min Scan# 450

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

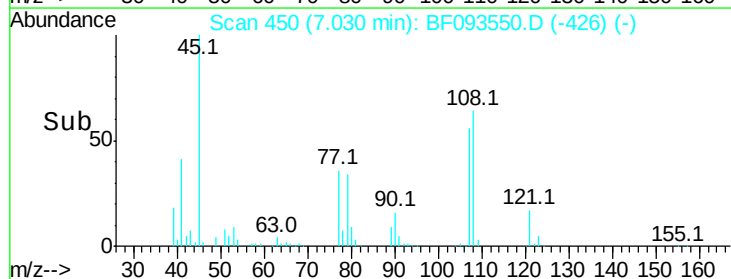
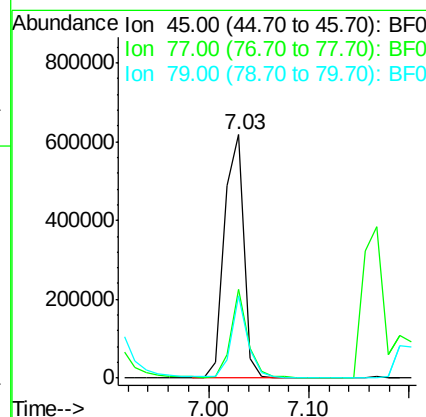
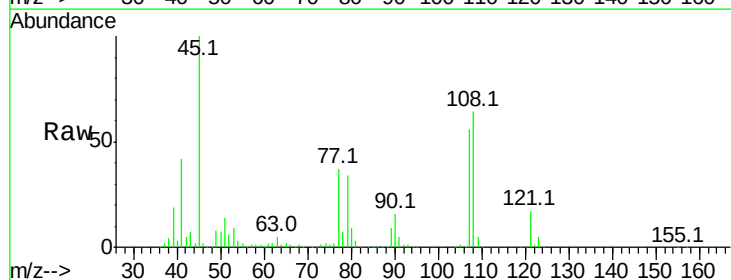
Tgt Ion: 45 Resp: 829116

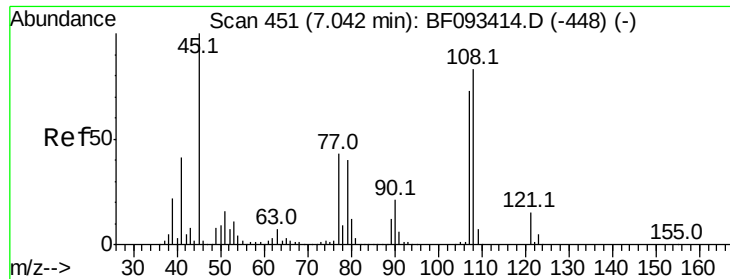
Ion Ratio Lower Upper

45 100

77 36.6 0.0 34.6#

79 33.9 0.0 31.2#





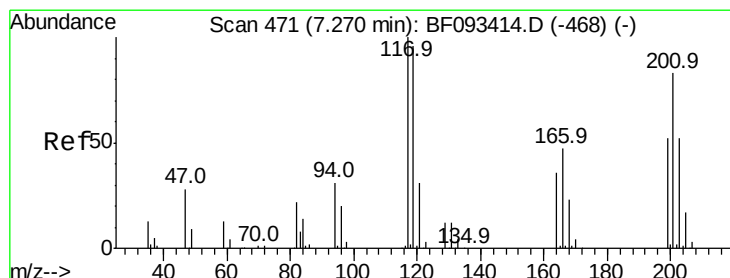
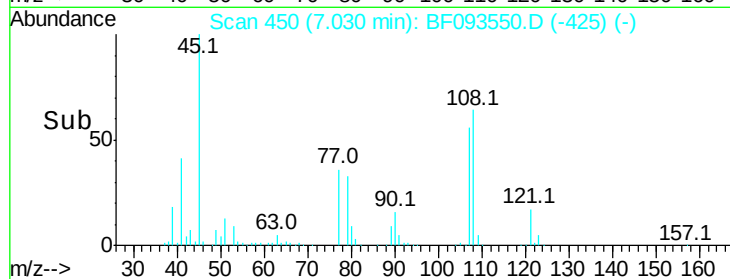
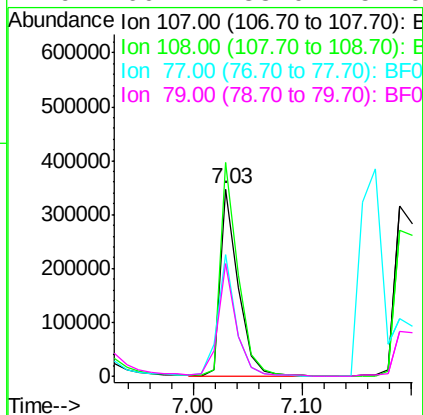
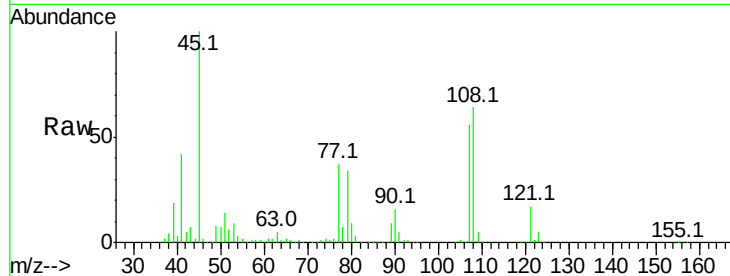
#17
2-Methylphenol
Concen: 39.98 ng
RT: 7.03 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	93.0	139.6	
77	65.2	39.8	59.8	
79	60.4	38.0	57.0	

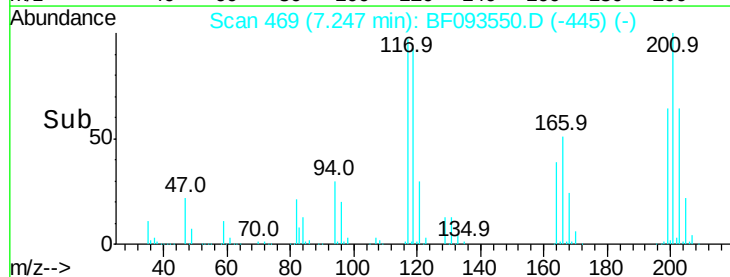
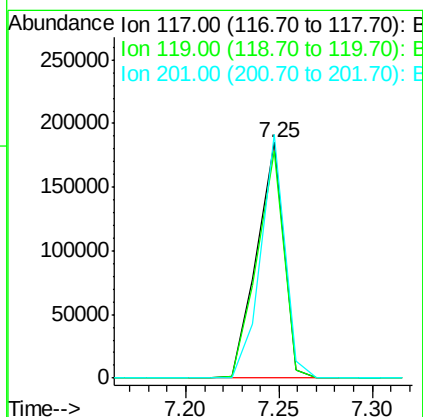
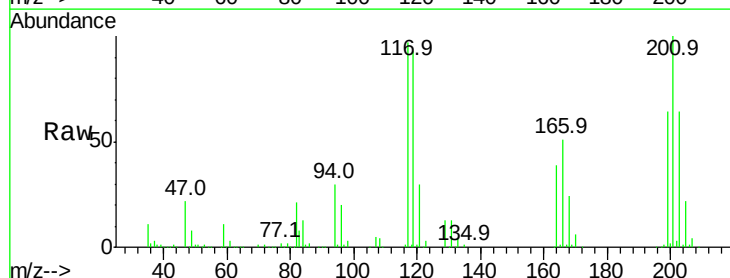
Manual Integrations
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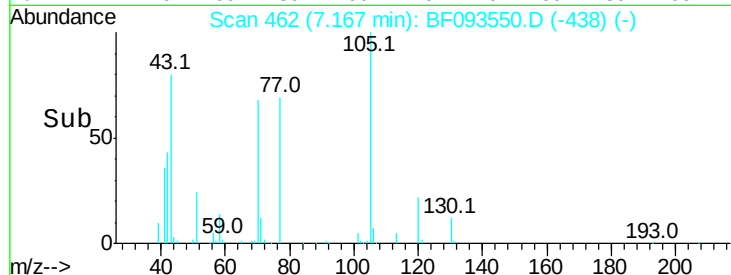
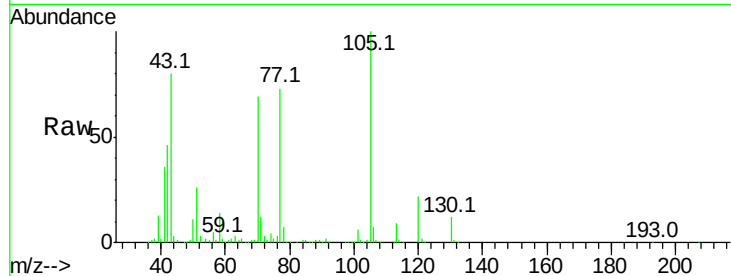
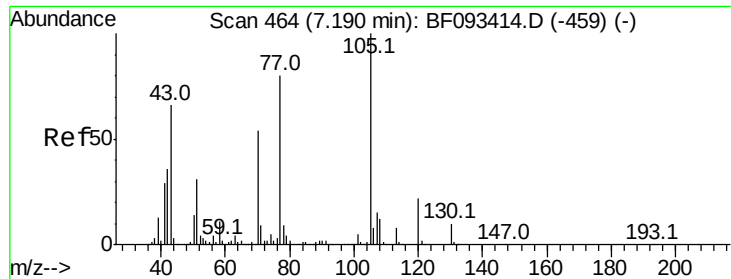
mohammad
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#18
Hexachloroethane
Concen: 40.16 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	78.1	117.1	
201	103.4	78.6	117.8	





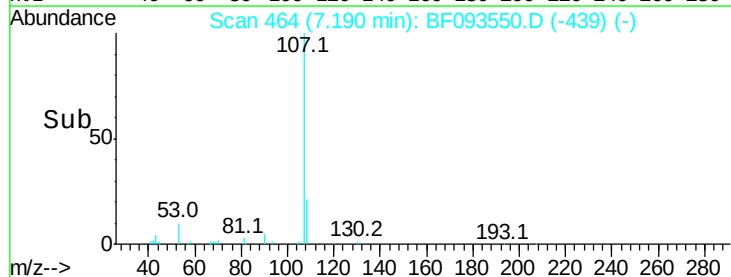
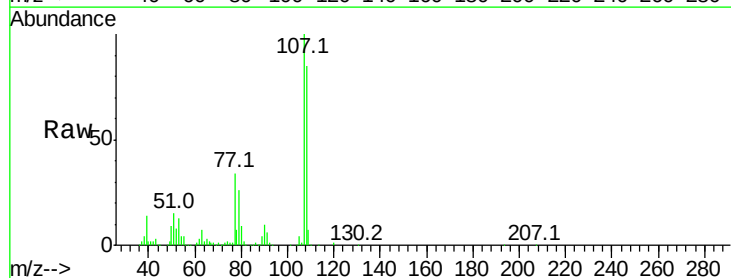
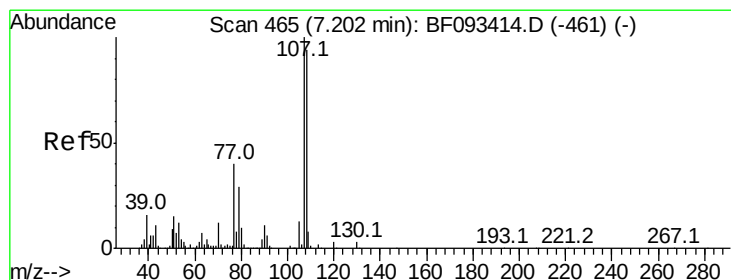
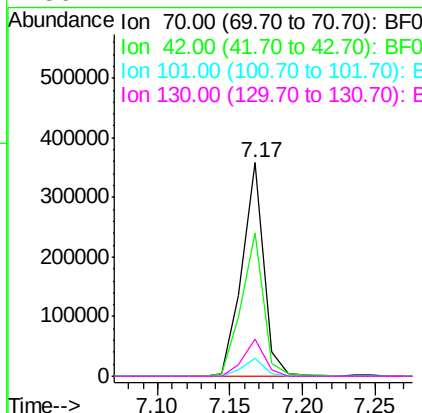
#19
n-Nitroso-di-n-propylamine
Concen: 41.57 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleID :
PB97501BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.9	49.4	74.0
101	8.7	7.4	11.2
130	17.7	14.2	21.4

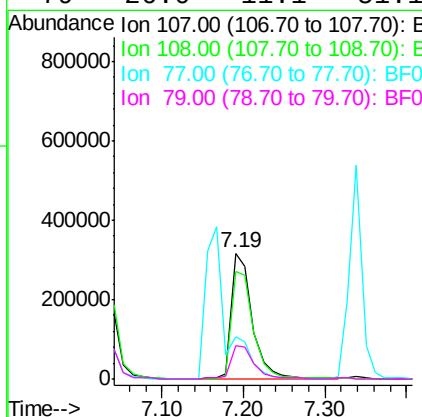
Manual Integrations
APPROVED

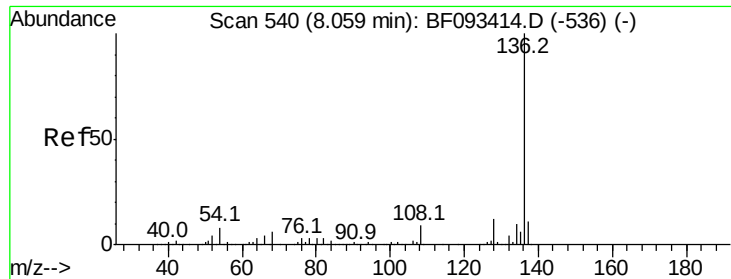
mohammad
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#20
3+4-Methylphenols
Concen: 43.35 ng
RT: 7.19 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.1	73.0	113.0
77	33.8	71.3	111.3#
79	26.0	11.1	51.1





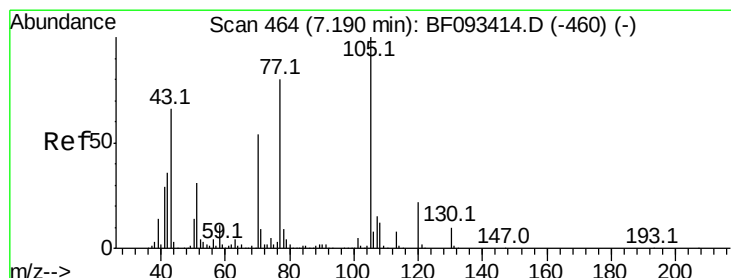
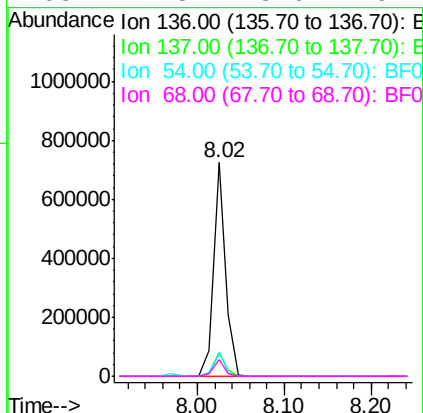
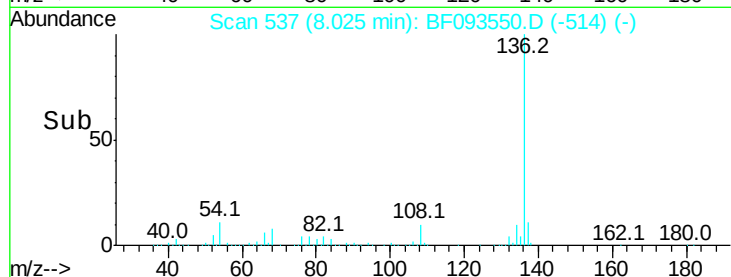
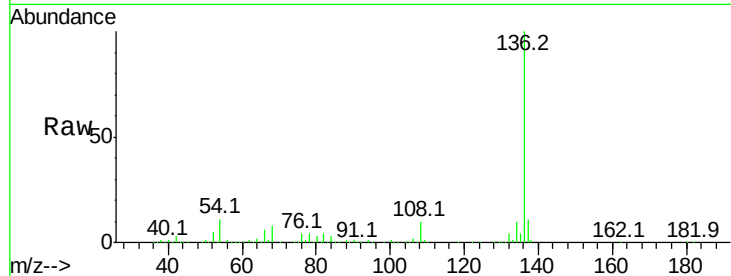
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampled :
PB97501BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.4	12.6	
54	11.2	4.5	6.7#	
68	7.8	3.6	5.4#	

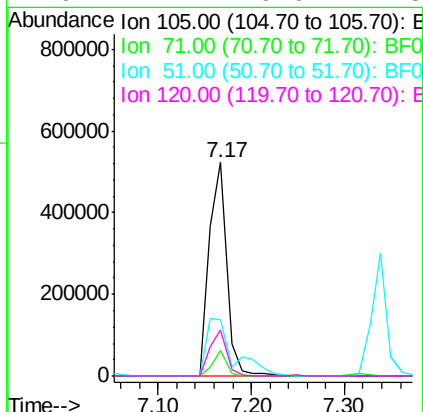
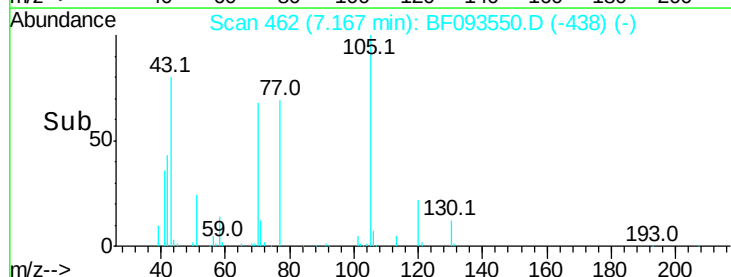
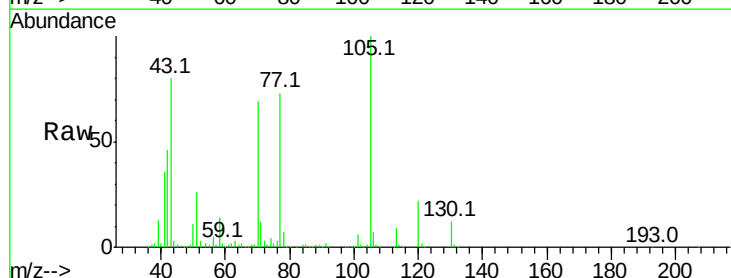
Manual Integrations
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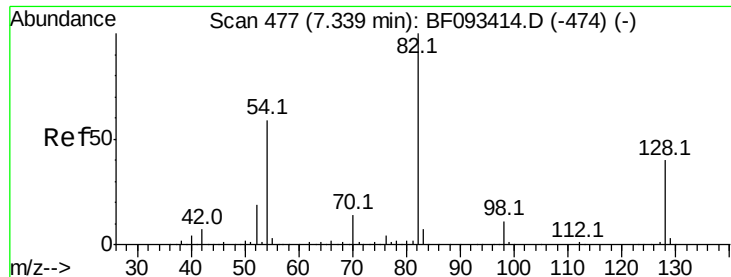
mohammad
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#22
Acetophenone
Concen: 40.44 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	12.0	3.2	4.8#	
51	26.4	26.2	39.4	
120	21.7	16.6	24.8	





#23
 Nitrobenzene-d5
 Concen: 80.20 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

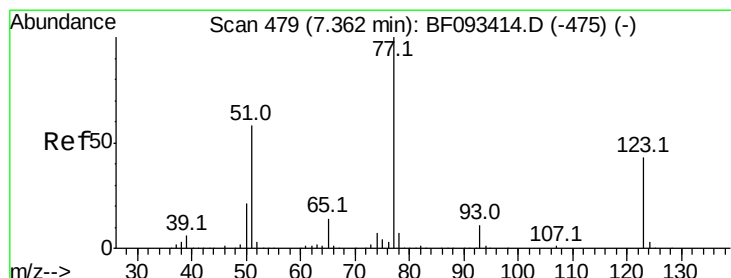
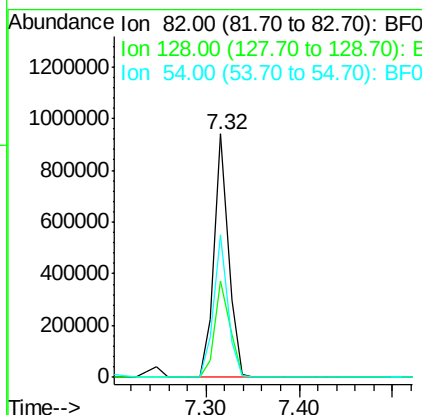
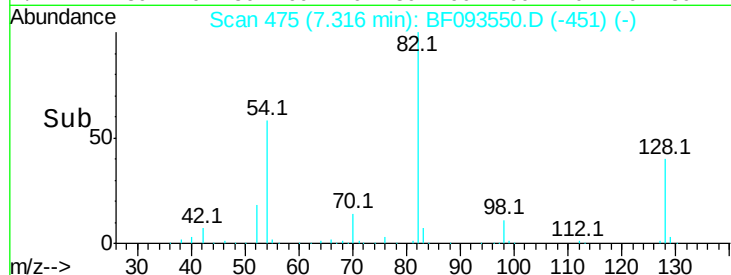
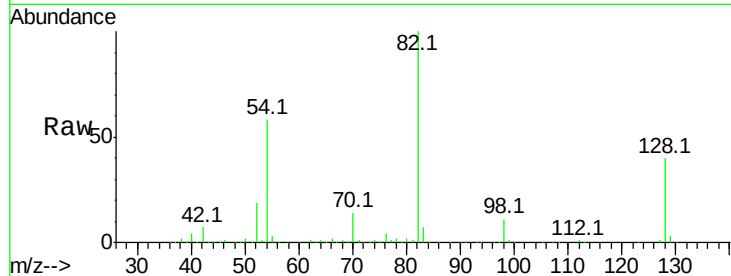
Instrument :
 BNA_F
 ClientSampled :
 PB97501BS

Tot Ion: 82 Resp: 1017635

Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.6	52.0
54	58.5	39.5	59.3

Manual Integrations
 APPROVED

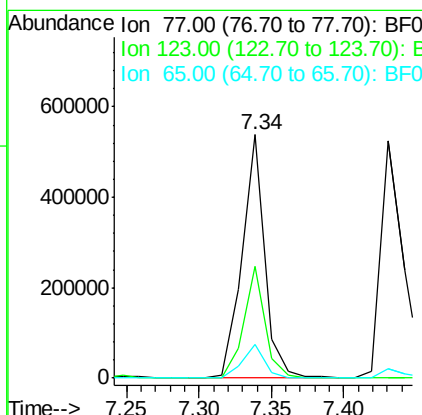
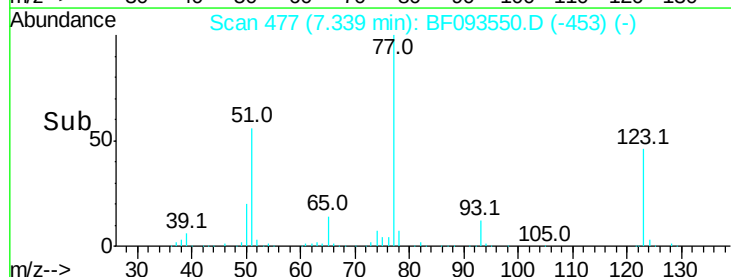
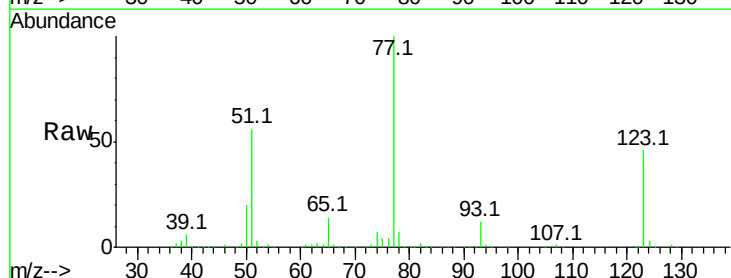
mohammad
 3/13/2017 5:29:18 PM

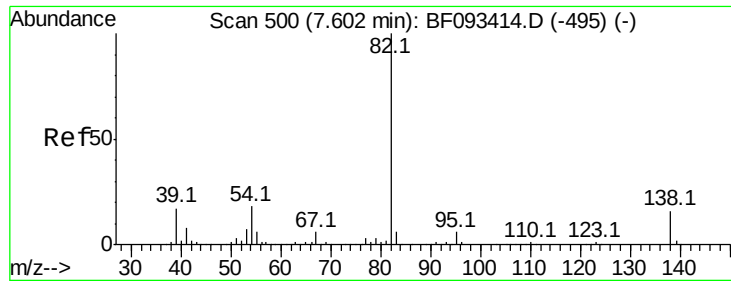


#24
 Nitrobenzene
 Concen: 40.47 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion: 77 Resp: 577141

Ion	Ratio	Lower	Upper
77	100		
123	45.7	33.0	49.4
65	13.7	11.2	16.8





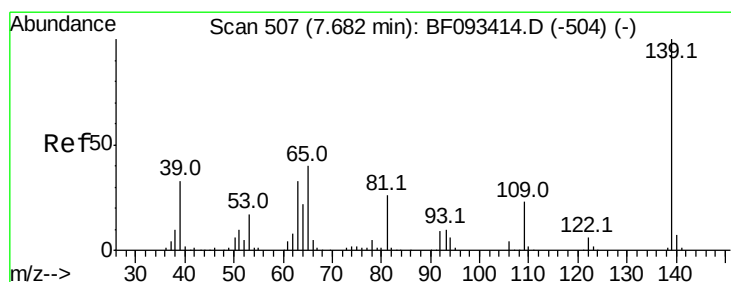
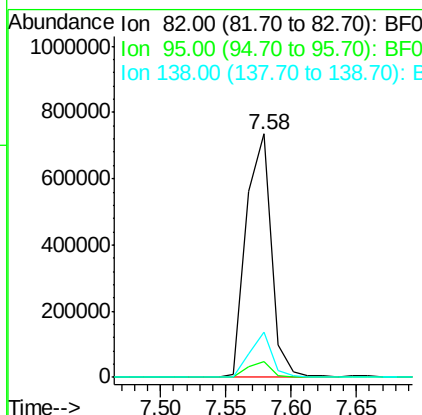
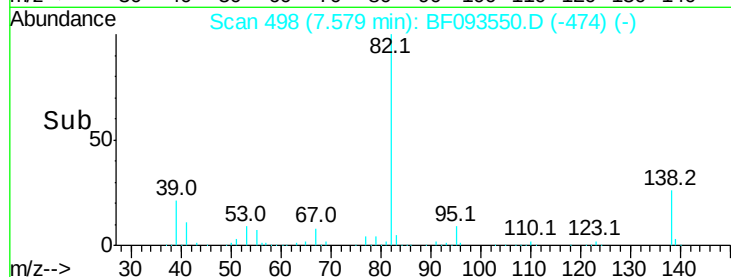
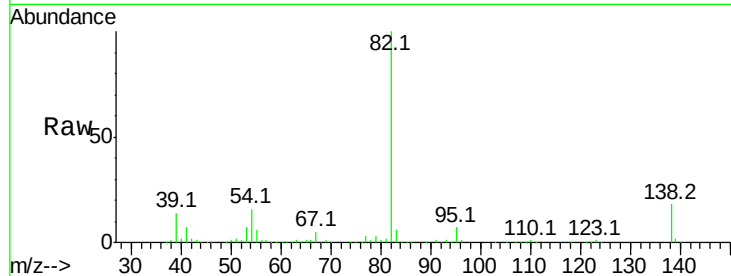
#25
Isophorone
Concen: 38.34 ng
RT: 7.58 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	6.6	5.6	8.4
138	18.4	14.6	22.0

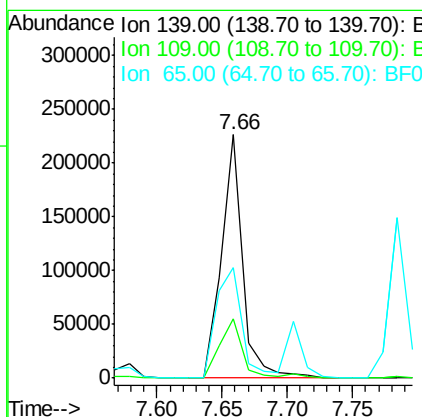
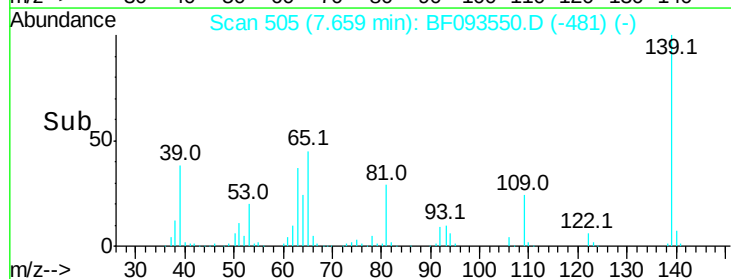
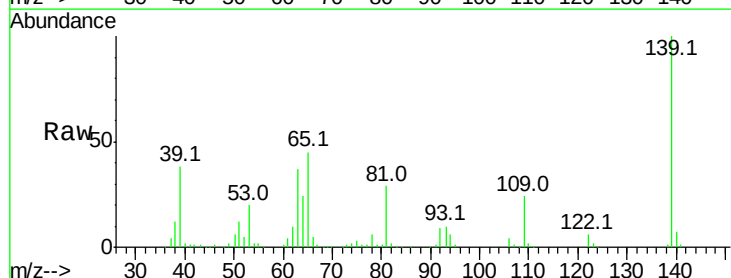
Manual Integrations
APPROVED

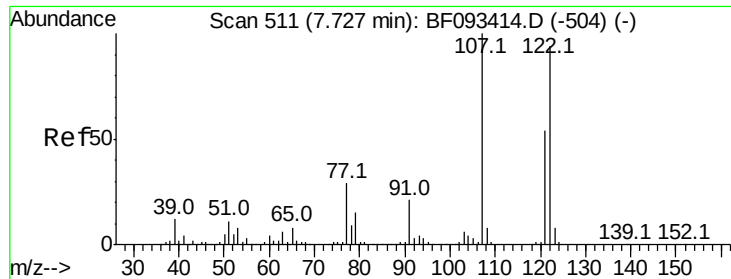
mohammad
3/13/2017 5:29:18 PM



#26
2-Nitrophenol
Concen: 39.64 ng
RT: 7.66 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	24.4	23.3	34.9
65	45.4	42.7	64.1





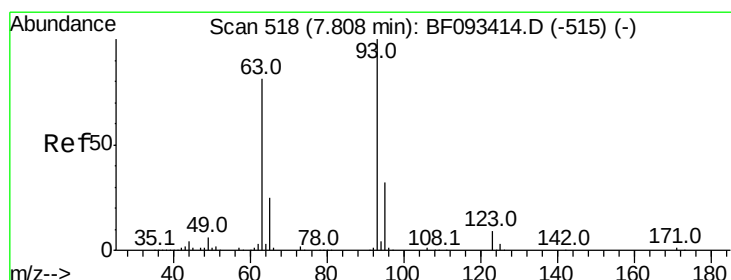
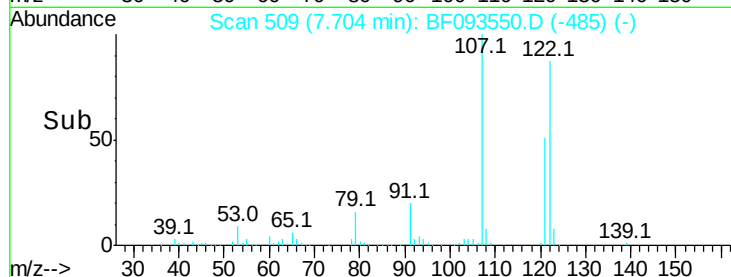
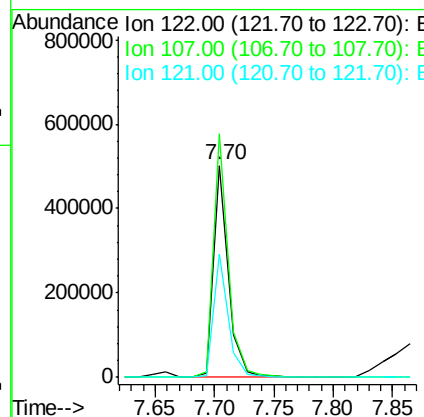
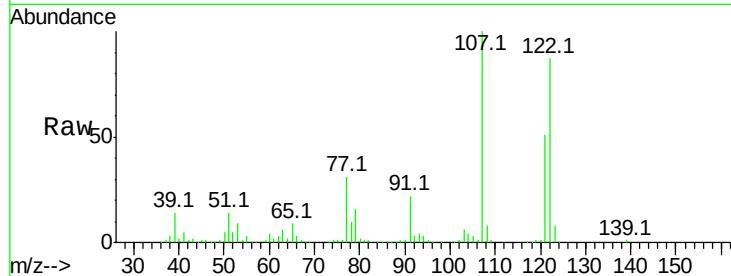
#27
2,4-Dimethylphenol
Concen: 41.00 ng
RT: 7.70 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	433987		
107	115.0		94.1	141.1
121	58.1		46.0	69.0

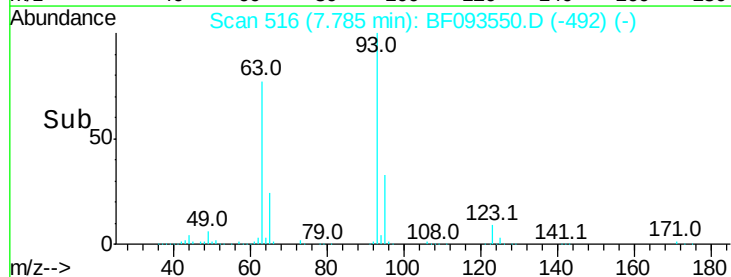
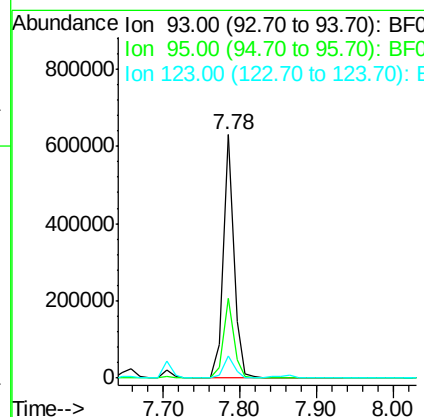
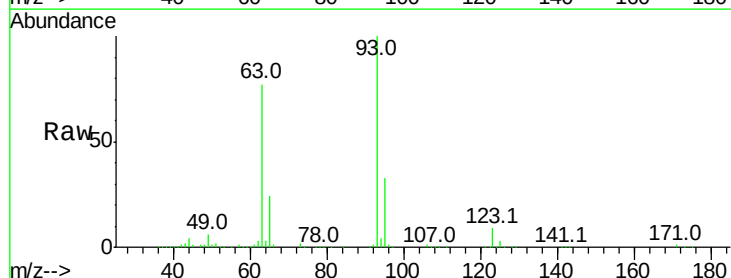
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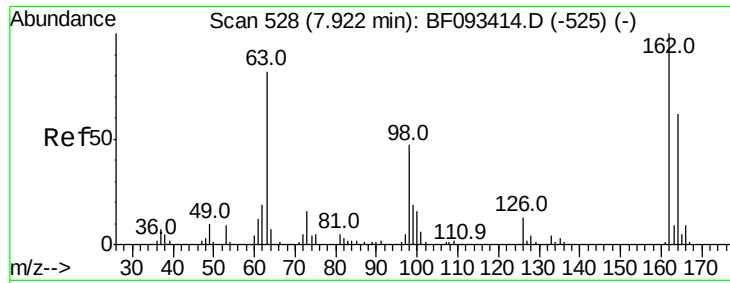
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#28
bis(2-Chloroethoxy)methane
Concen: 37.70 ng
RT: 7.78 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	608931		
95	32.6		26.5	39.7
123	9.3		8.6	13.0





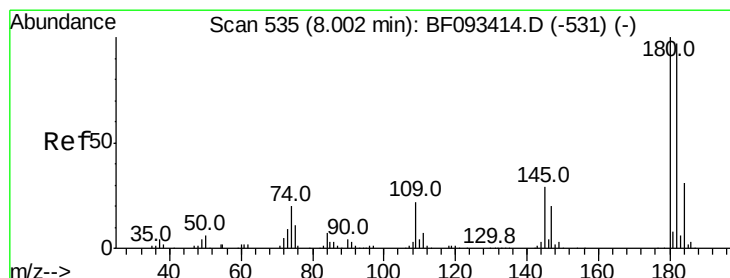
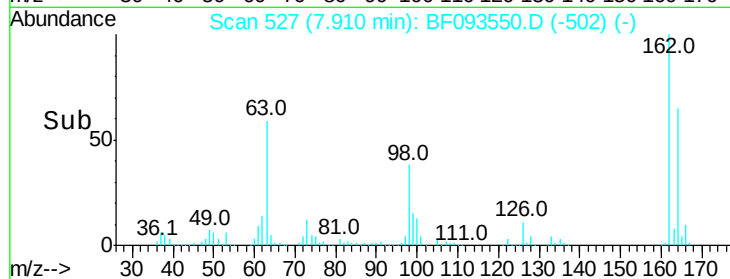
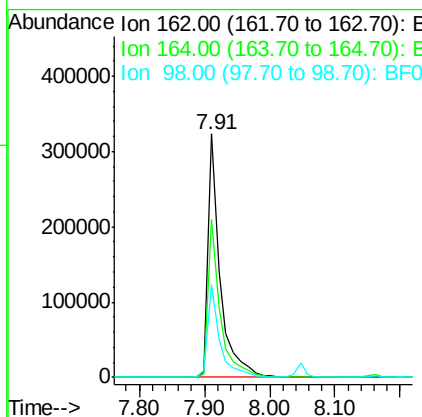
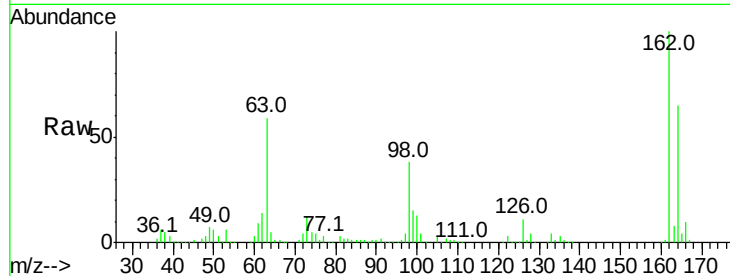
#29
2,4-Dichlorophenol
Concen: 42.15 ng
RT: 7.91 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	419727		
164	64.6	46.8	86.8	
98	38.2	9.1	49.1	

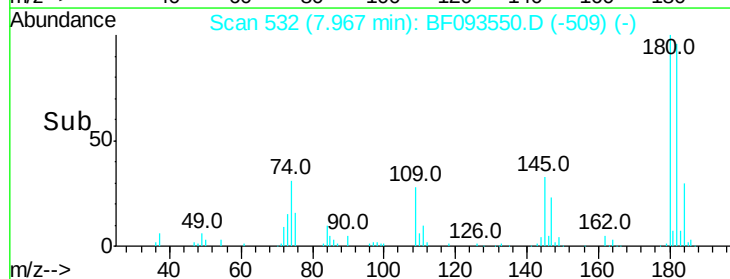
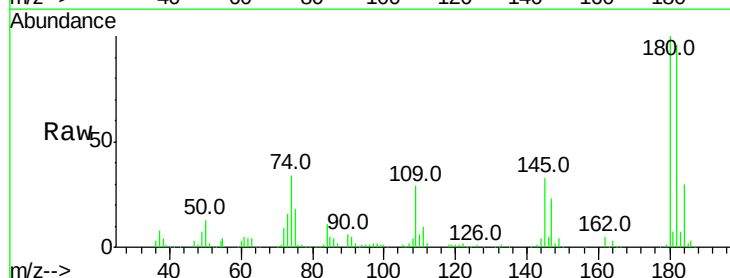
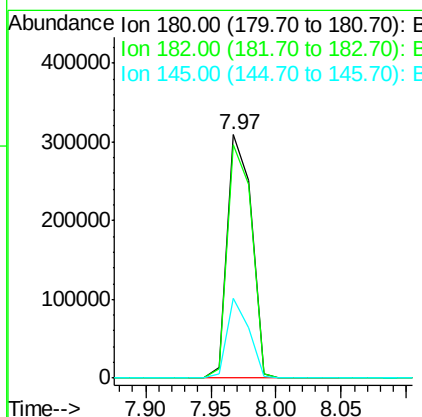
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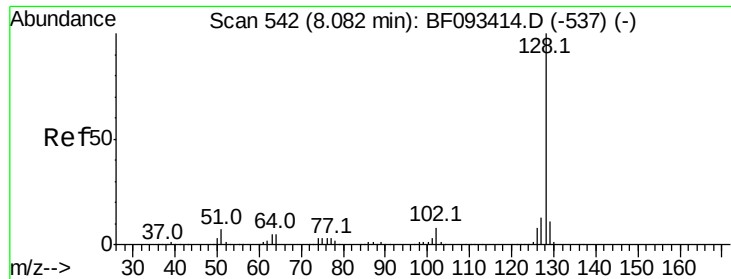
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#30
1,2,4-Trichlorobenzene
Concen: 37.73 ng
RT: 7.97 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	399590		
182	96.1	78.2	117.4	
145	32.7	21.6	32.4#	





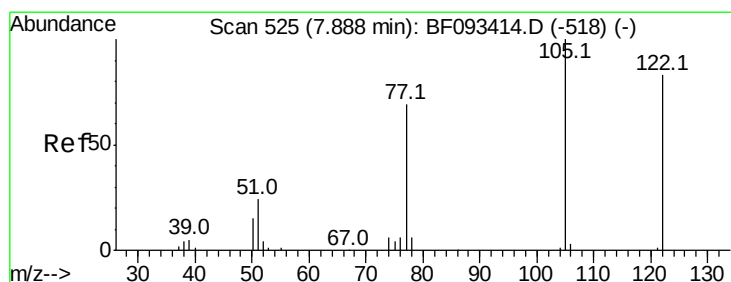
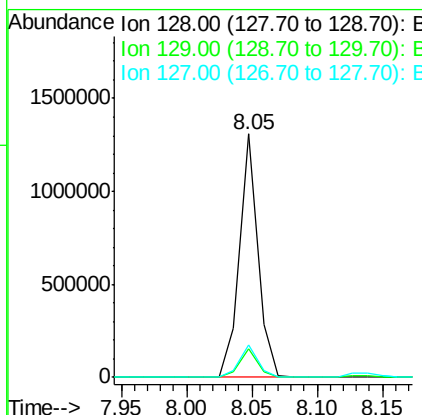
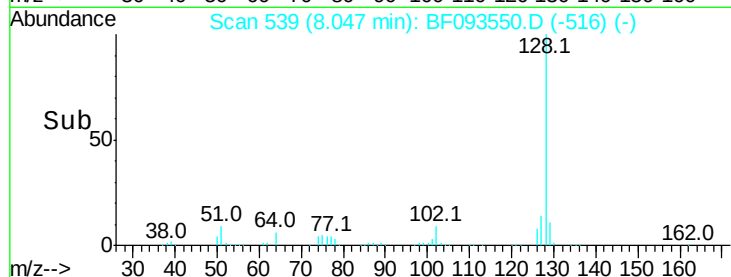
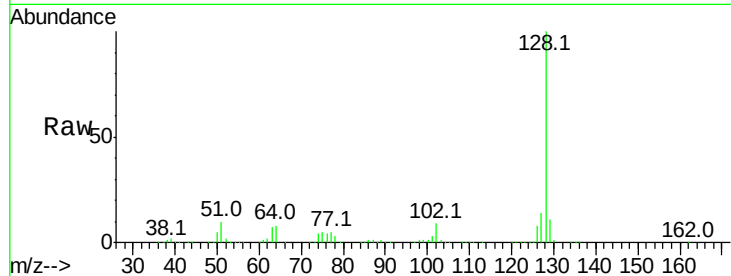
#31
Naphthalene
Concen: 36.58 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.03 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Tot Ion:128 Resp: 1290431
Ion Ratio Lower Upper
128 100
129 11.5 9.5 14.3
127 13.5 10.8 16.2

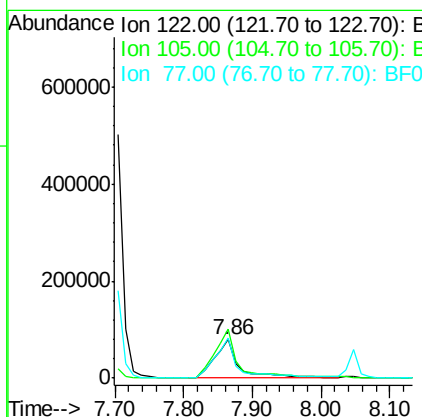
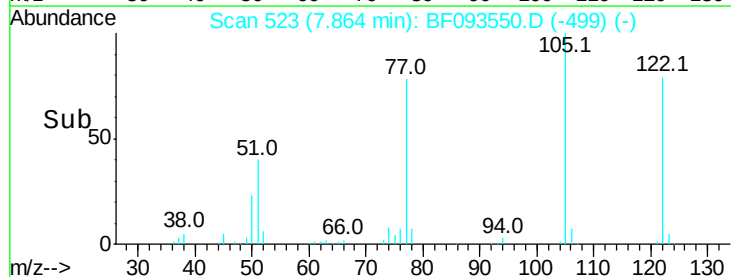
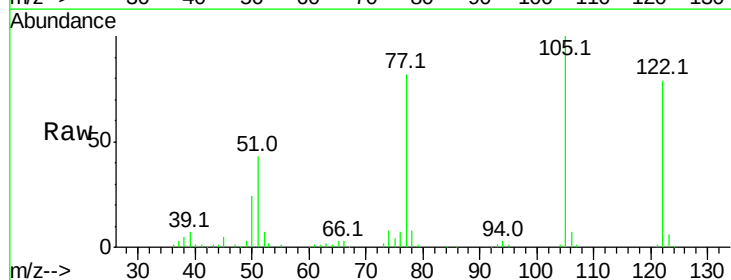
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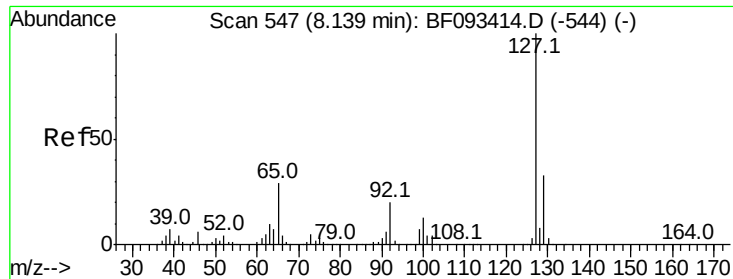
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#32
Benzoic acid
Concen: 34.38 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion:122 Resp: 189103
Ion Ratio Lower Upper
122 100
105 127.1 107.2 147.2
77 104.0 74.5 114.5





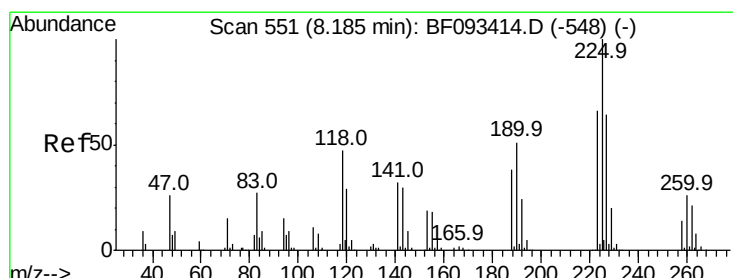
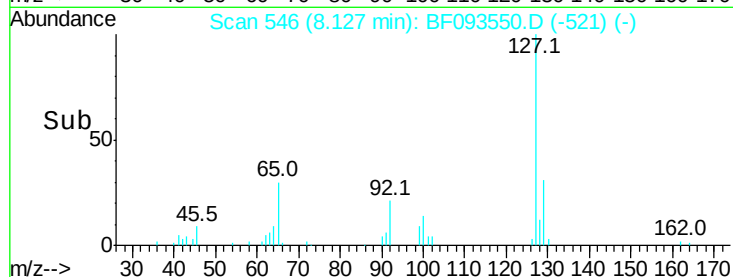
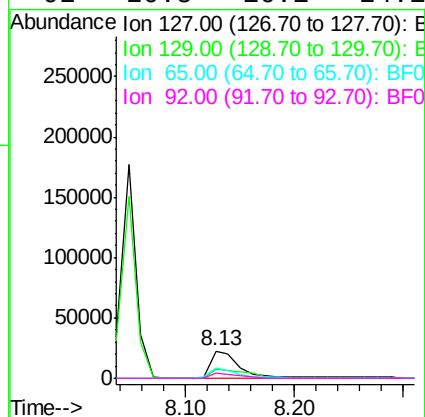
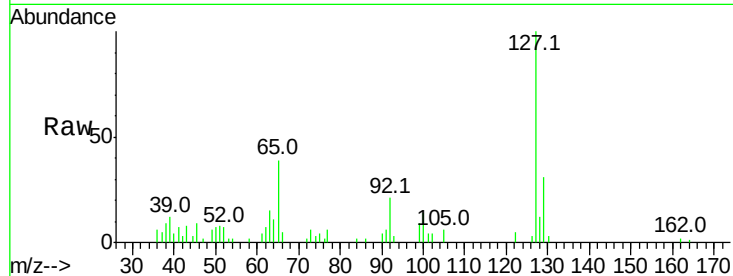
#33
4-Chloroaniline
Concen: 2.81 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampled :
PB97501BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.4	26.3	39.5	
65	38.6	25.8	38.8	
92	20.5	16.1	24.1	

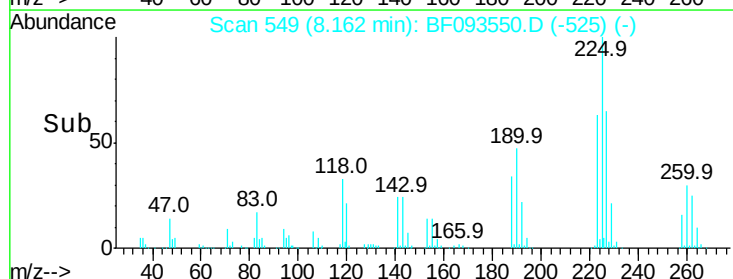
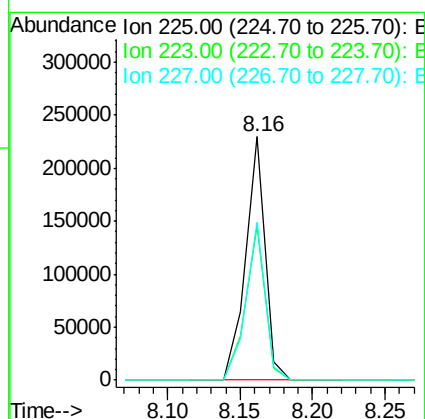
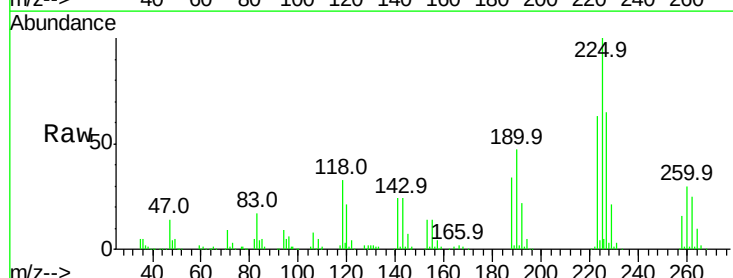
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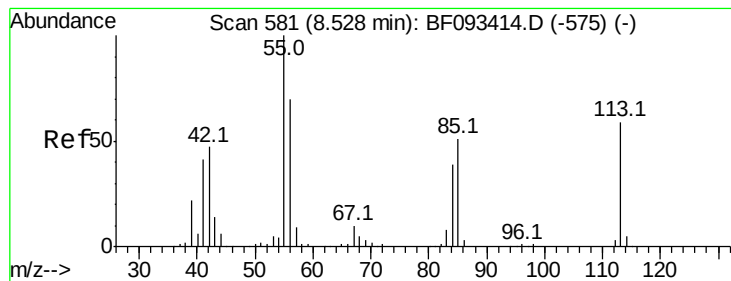
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#34
Hexachlorobutadiene
Concen: 39.40 ng
RT: 8.16 min Scan# 549
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	51.0	76.6	
227	65.0	50.6	76.0	





#35

Caprolactam

Concen: 41.68 ng/ml

RT: 8.49 min Scan# 578

Delta R.T. -0.03 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleID :

PB97501BS

Tot Ion: 113 Resp: 141732

Ion Ratio Lower Upper

113 100

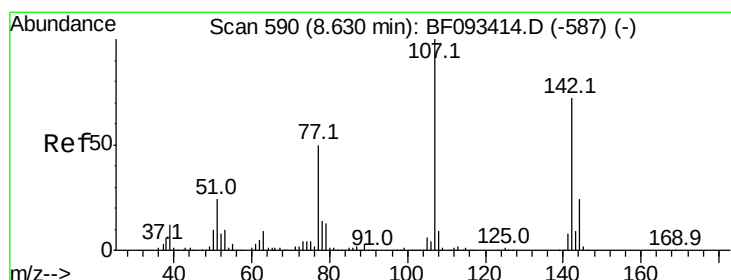
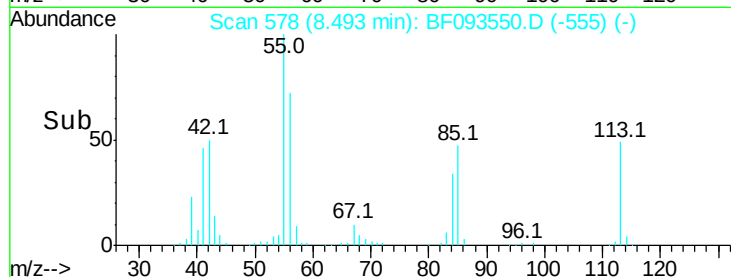
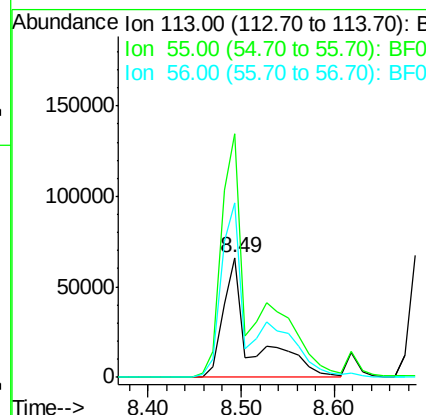
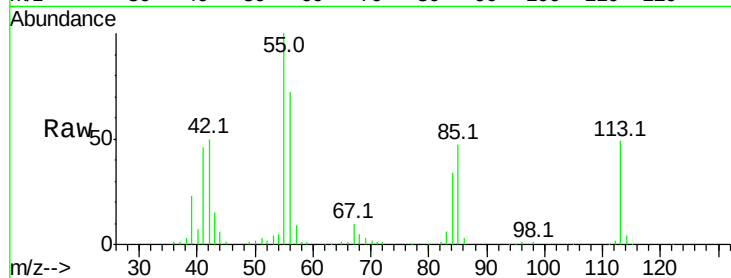
55 203.4 119.2 159.2#

56 146.2 83.8 123.8#

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#36

4-Chloro-3-methylphenol

Concen: 42.62 ng/ml

RT: 8.62 min Scan# 589

Delta R.T. -0.01 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

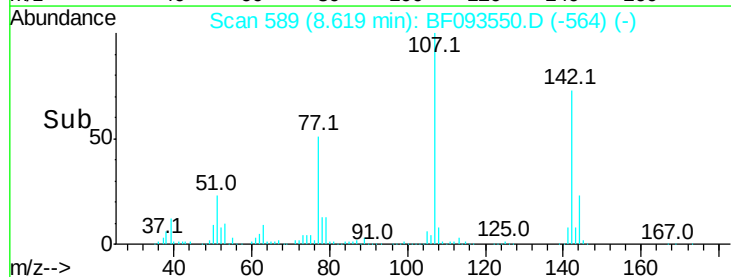
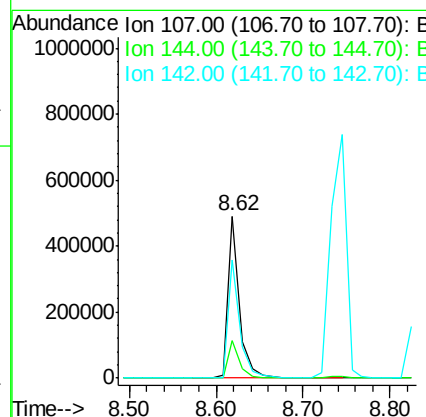
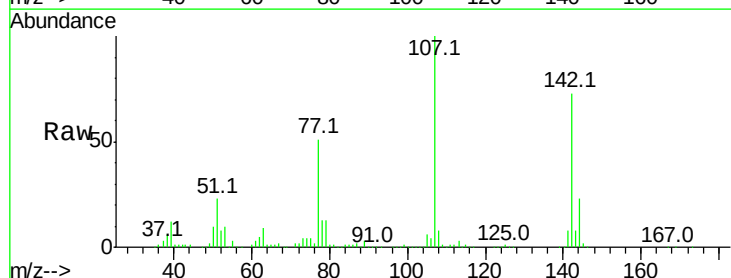
Tgt Ion: 107 Resp: 453023

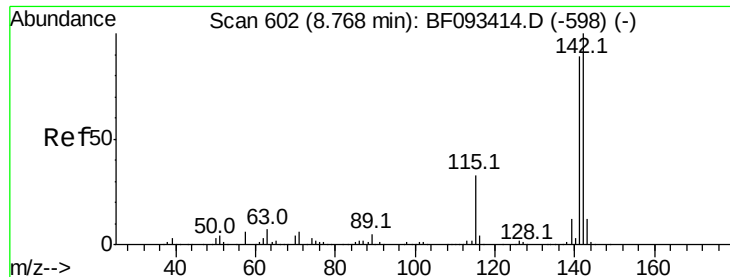
Ion Ratio Lower Upper

107 100

144 23.3 19.3 28.9

142 72.7 59.0 88.6





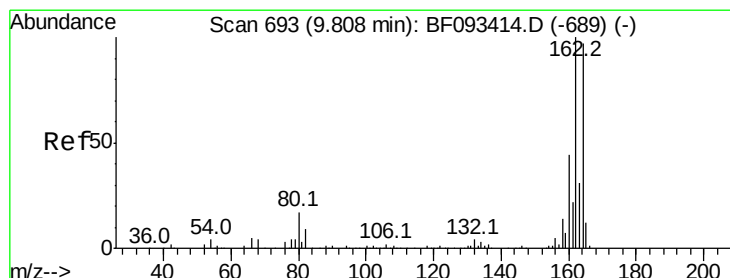
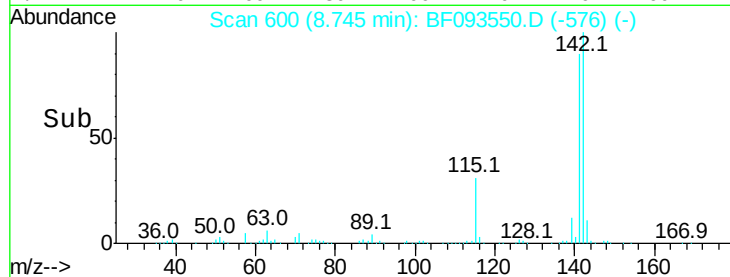
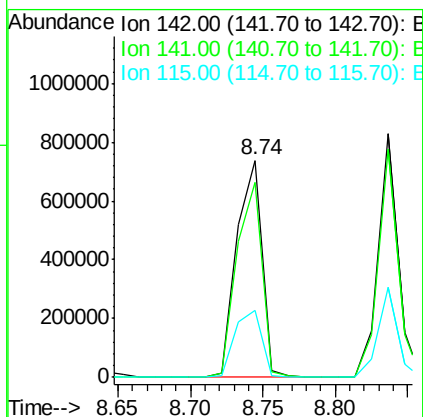
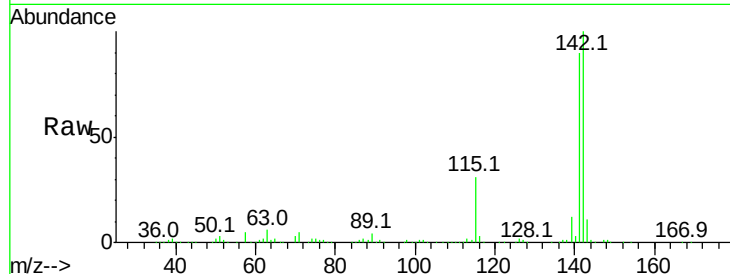
#37
2-Methylnaphthalene
Concen: 40.01 ng
RT: 8.74 min Scan# 600
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampled :
PB97501BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	898107		
141	90.2	71.0	106.6	
115	31.1	28.3	42.5	

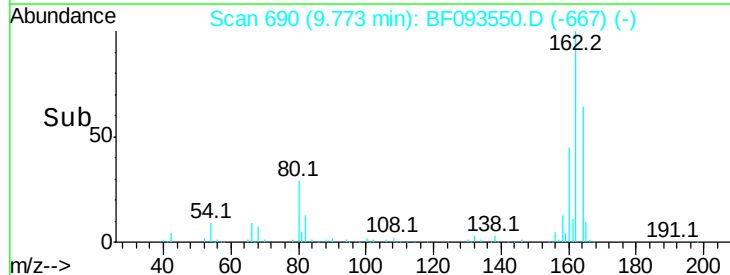
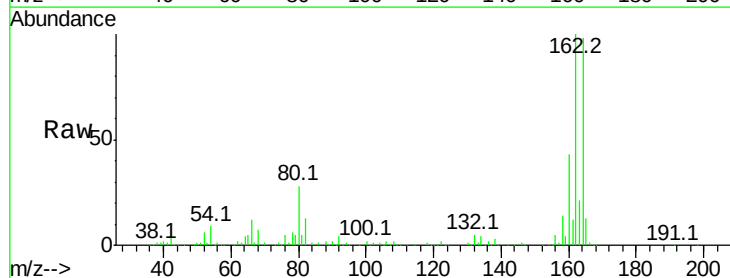
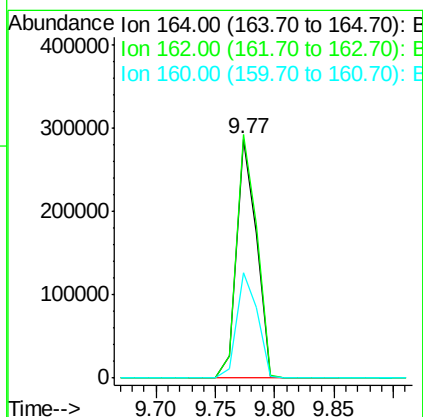
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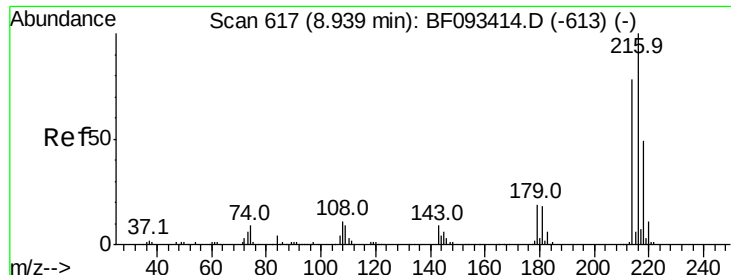
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	337101		
162	101.9	80.2	120.2	
160	44.3	36.9	55.3	





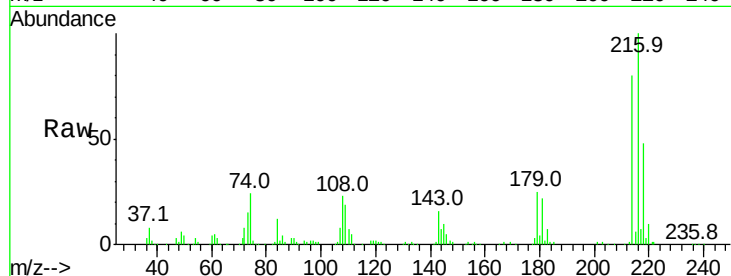
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.35 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Instrument :
 BNA_F
 ClientSampleID :
 PB97501BS

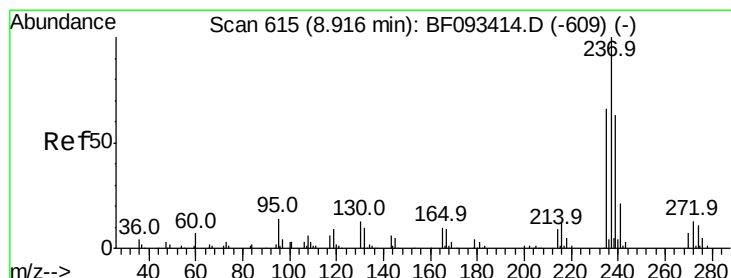
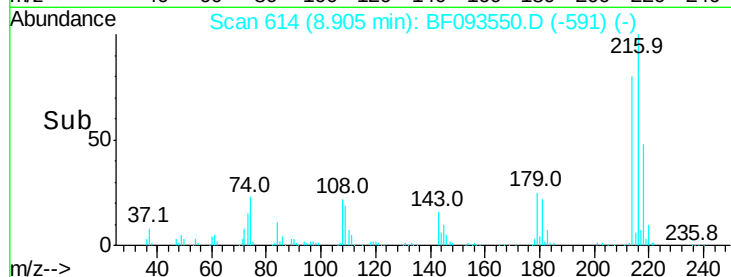
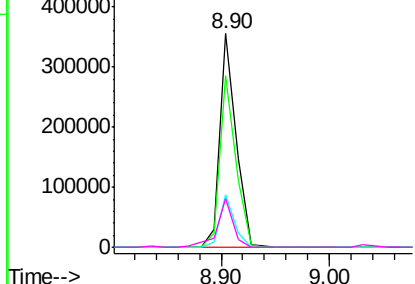
Tot Ion	Ratio	Resp	Lower	Upper
216	100	371399		
214	79.1	63.4	95.0	
179	22.4	17.4	26.2	
108	22.6	15.6	23.4	

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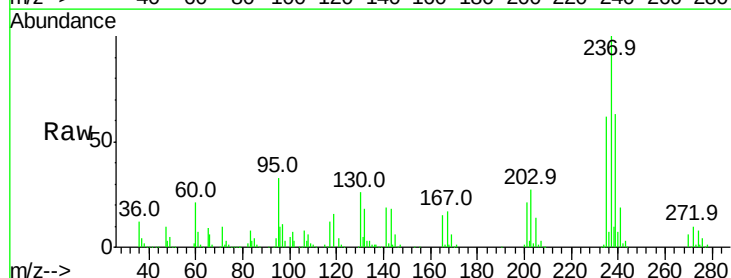


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

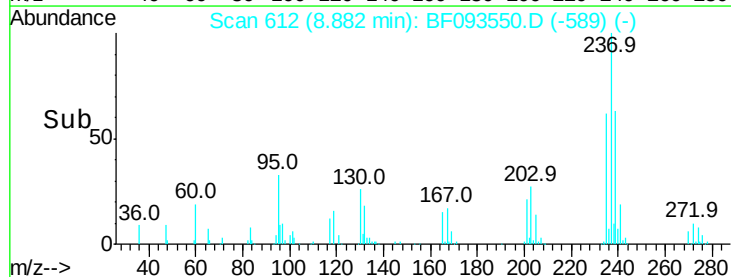
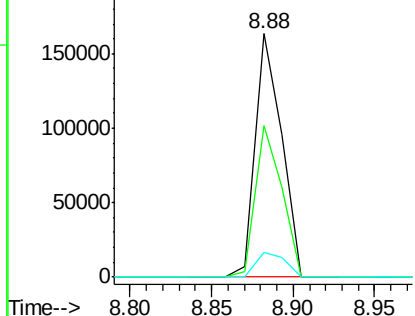


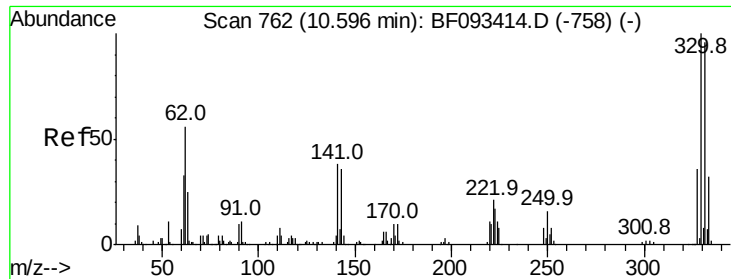
#40
 Hexachlorocyclopentadiene
 Concen: 78.99 ng
 RT: 8.88 min Scan# 612
 Delta R.T. -0.03 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	183055		
235	62.4	41.2	81.2	
272	10.3	0.0	35.4	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





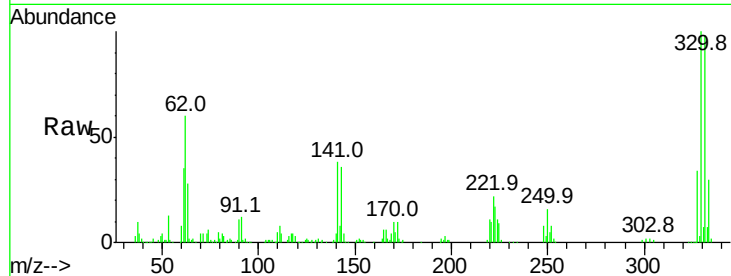
#41
 2,4,6-Tribromophenol
 Concen: 93.43 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97501BS

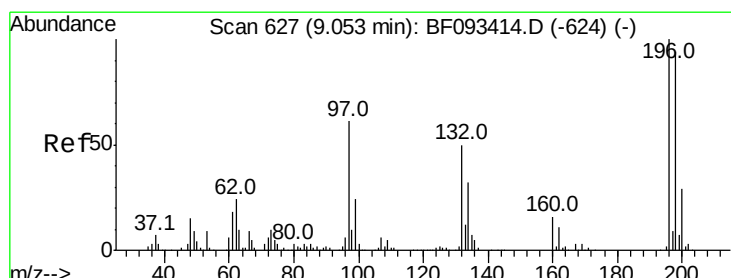
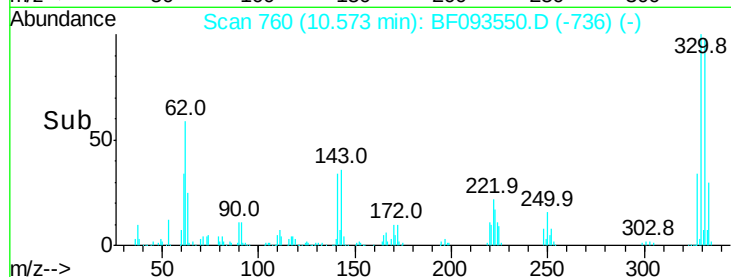
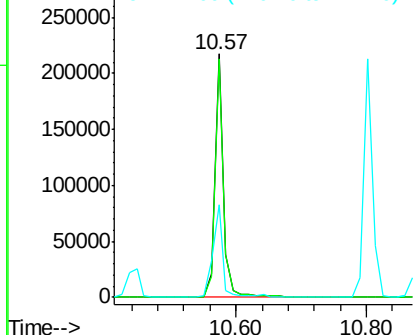
Tot Ion	Ratio	Resp	Lower	Upper
330	100	205195		
332	97.3	77.4	116.2	
141	42.7	34.1	51.1	

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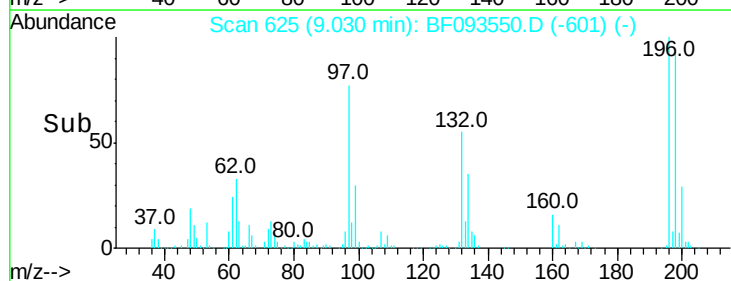
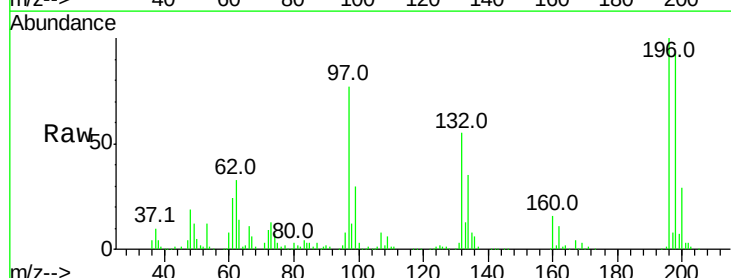
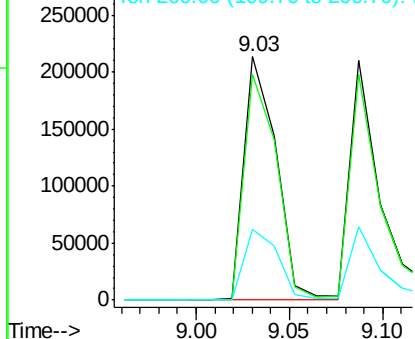
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

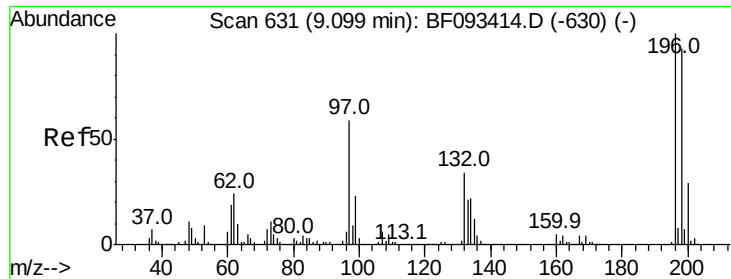


#42
 2,4,6-Trichlorophenol
 Concen: 45.05 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	259068		
198	92.7	82.1	123.1	
200	29.2	27.0	40.4	

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





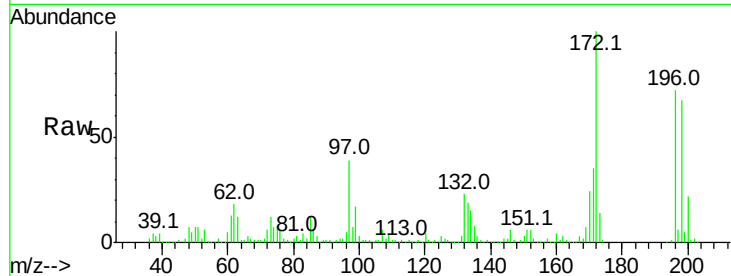
#43
 2,4,5-Trichlorophenol
 Concen: 40.36 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.01 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97501BS

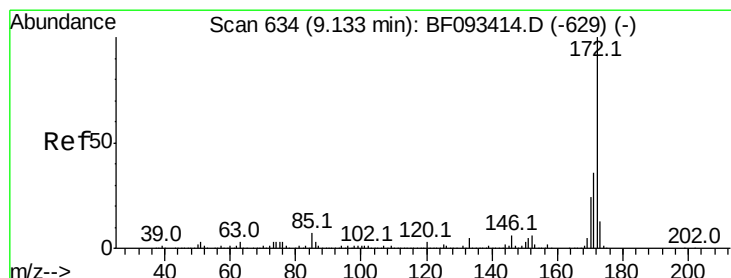
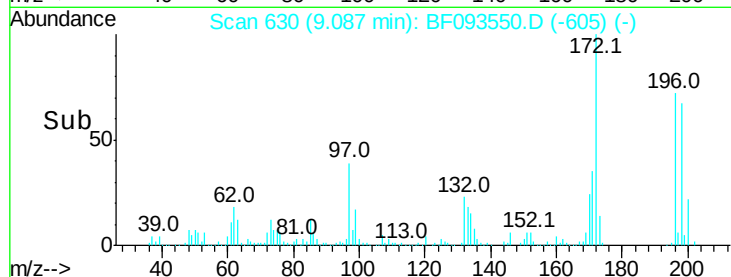
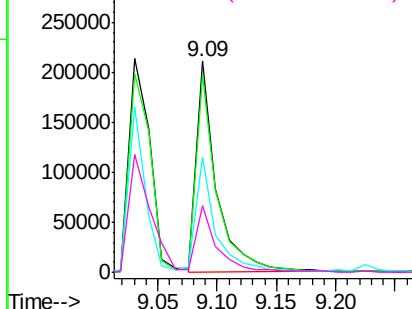
Tot Ion:	196	Resp:	249043
Ion Ratio	Lower	Upper	
196	100		
198	93.6	79.4	119.2
97	54.5	51.5	77.3
132	31.8	27.4	41.2

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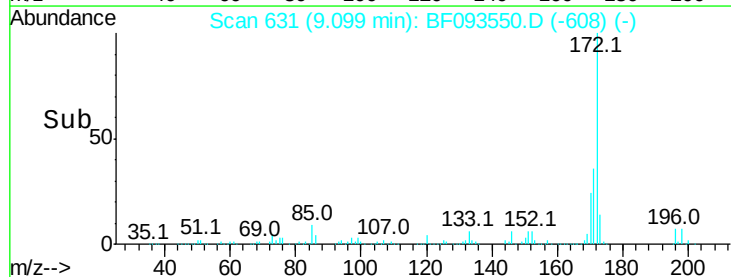
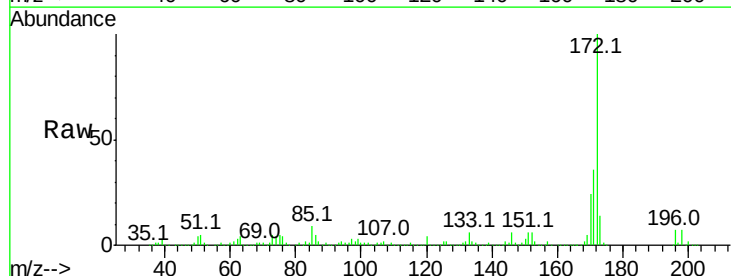
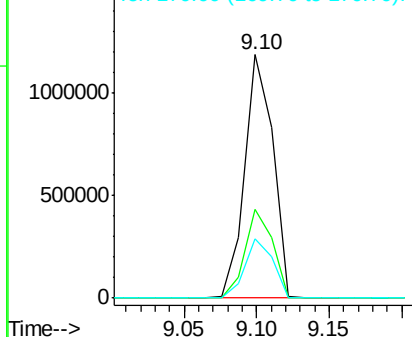
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

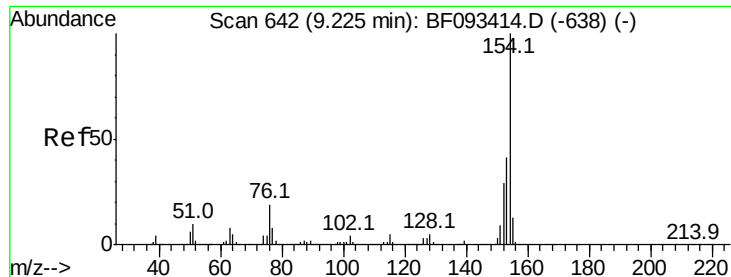


#44
 2-Fluorobiphenyl
 Concen: 88.25 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion:	172	Resp:	1599365
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.4	44.0
170	24.4	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: 42.18 ng

RT: 9.20 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampled :

PB97501BS

Tot Ion:154 Resp: 1035766

Ion Ratio Lower Upper

154 100

153 41.3 20.9 60.9

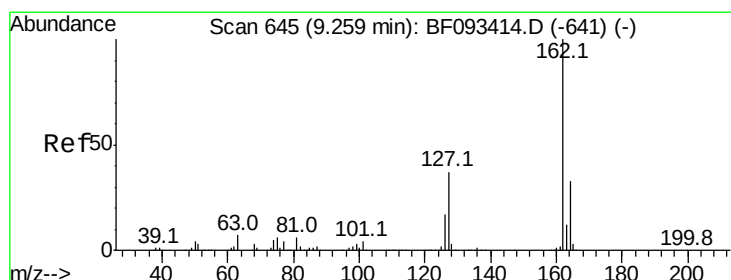
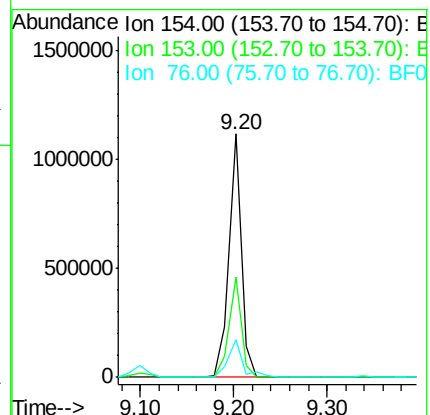
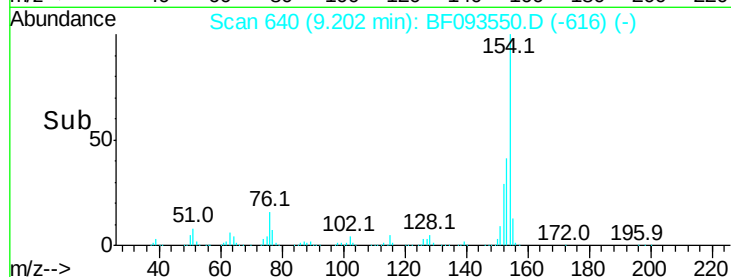
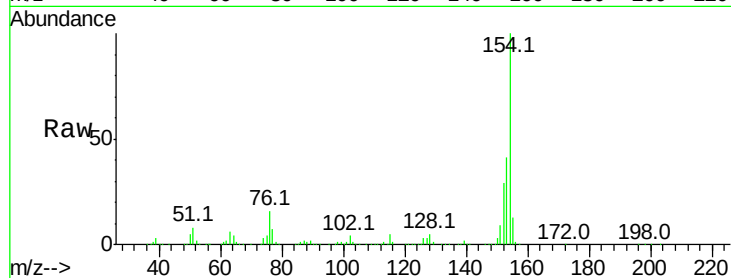
76 15.5 0.0 30.5

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#46

2-Chloronaphthalene

Concen: 43.31 ng

RT: 9.22 min Scan# 642

Delta R.T. -0.03 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

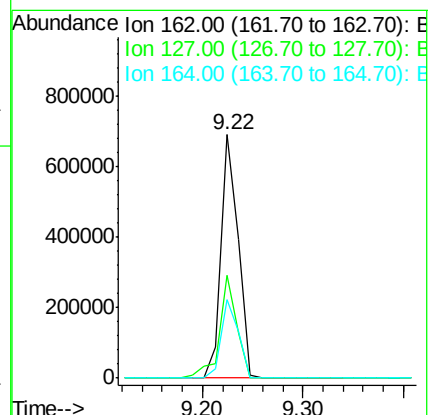
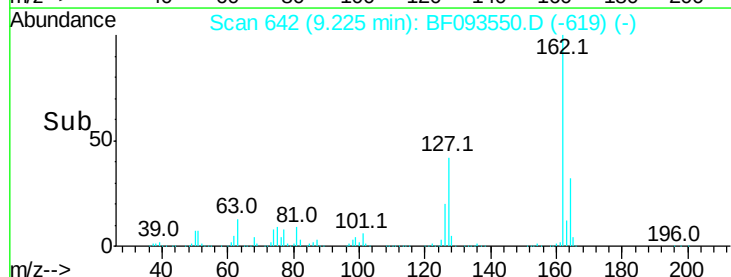
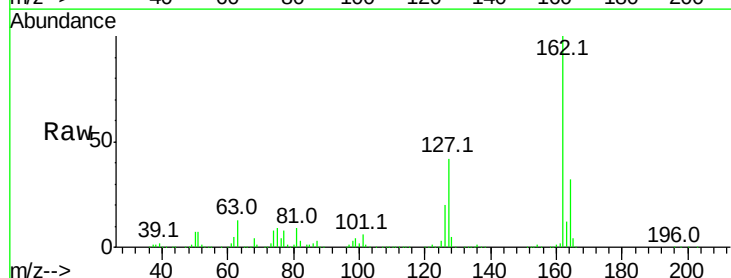
Tgt Ion:162 Resp: 814142

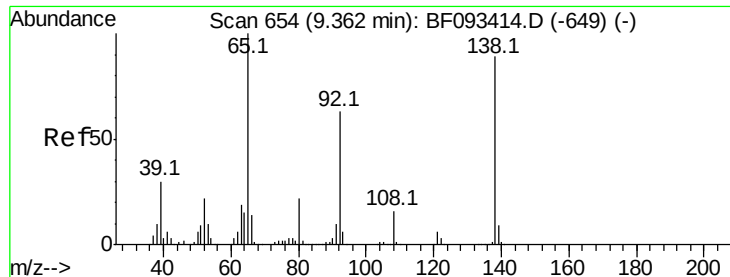
Ion Ratio Lower Upper

162 100

127 42.4 30.7 46.1

164 32.0 27.6 41.4





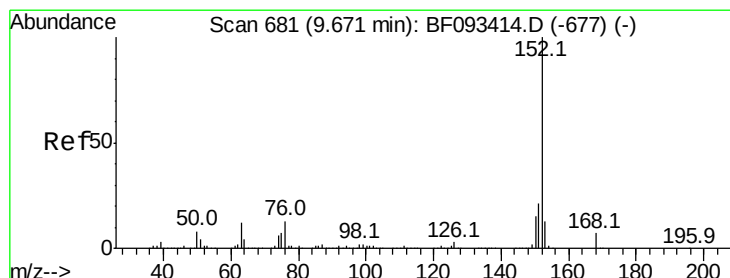
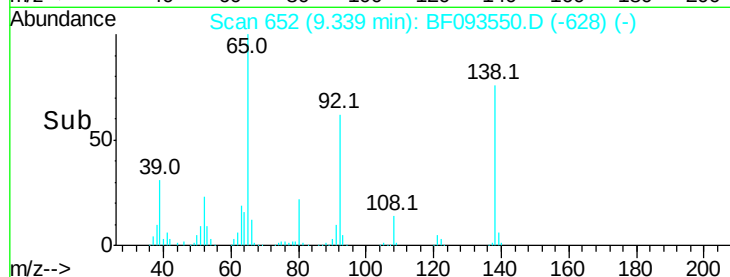
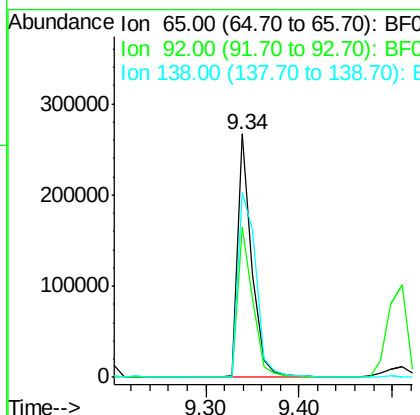
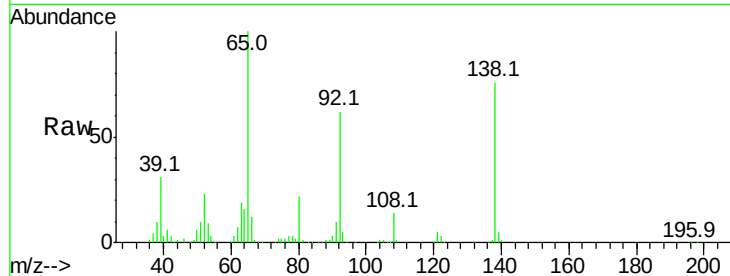
#47
2-Nitroaniline
Concen: 42.95 ng
RT: 9.34 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.7	53.9	80.9
138	76.0	76.8	115.2#

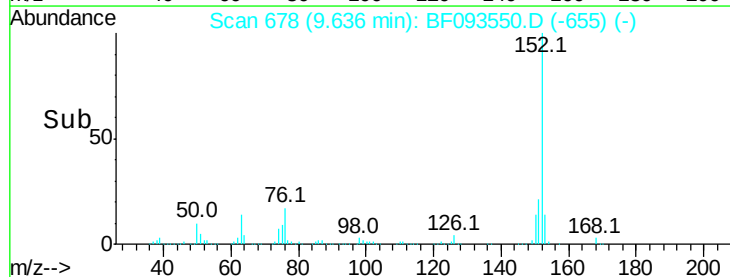
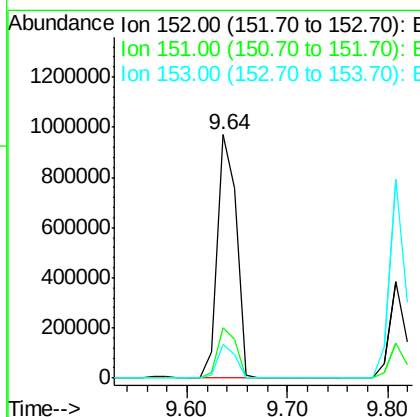
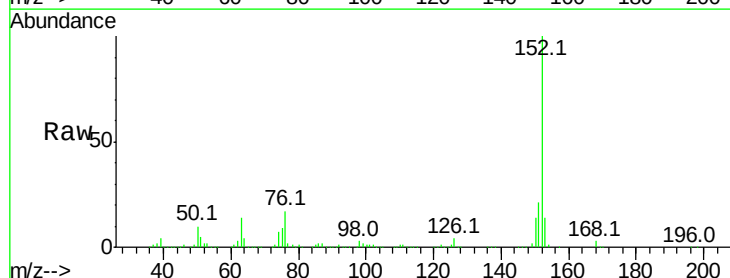
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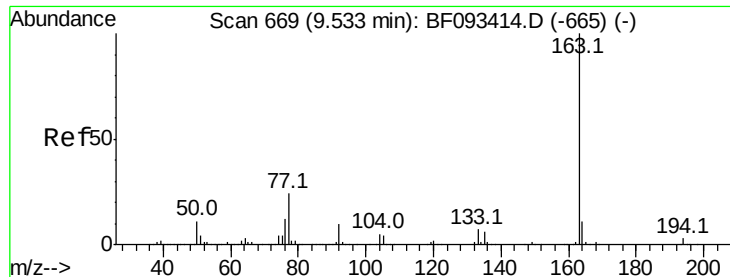
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#48
Acenaphthylene
Concen: 40.99 ng
RT: 9.64 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	13.7	11.4	17.2





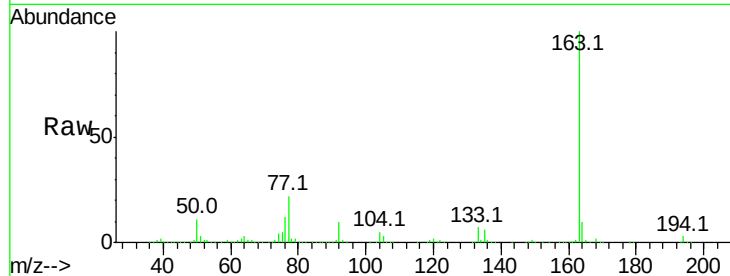
#49
Dimethylphthalate
Concen: 44.27 ng
RT: 9.51 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampled :
PB97501BS

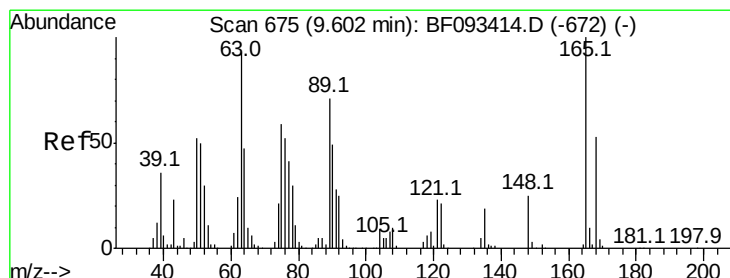
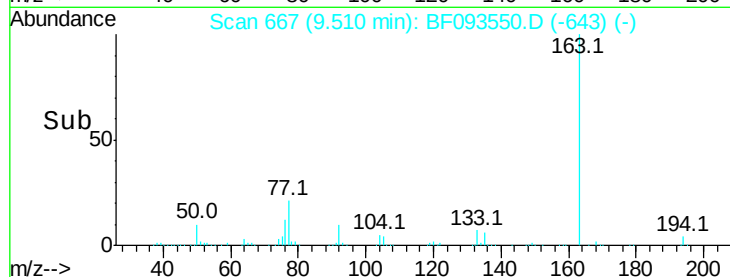
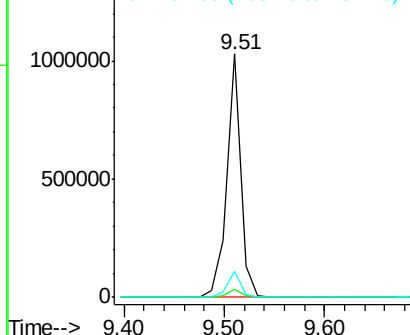
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.5	8.0	12.0

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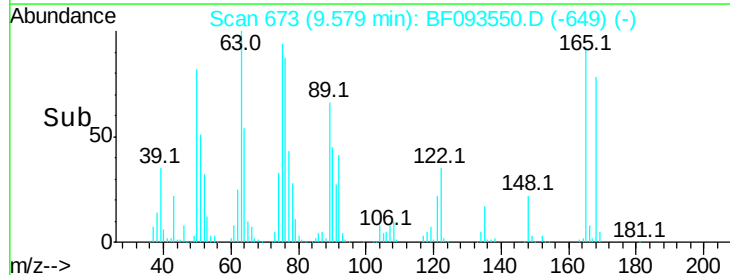
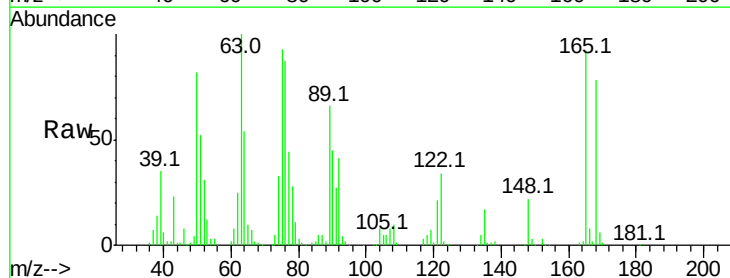
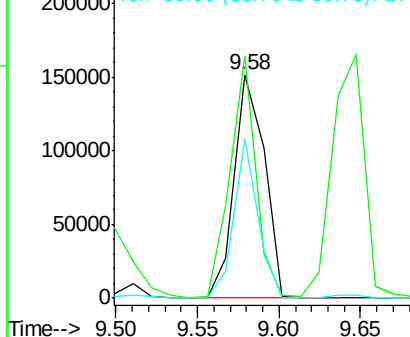
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

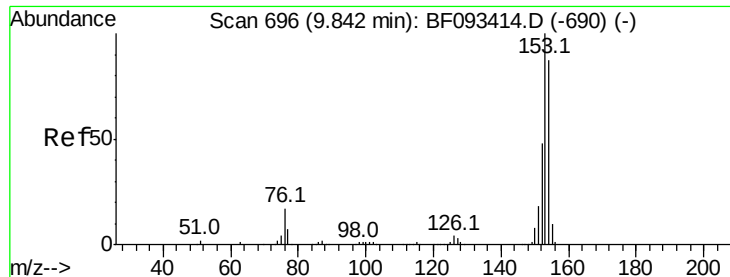


#50
2,6-Dinitrotoluene
Concen: 39.57 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	108.6	36.2	54.4#
89	71.4	40.2	60.4#

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





#51

Acenaphthene

Concen: 39.98 ng

RT: 9.81 min Scan# 693

Delta R.T. -0.03 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampled :

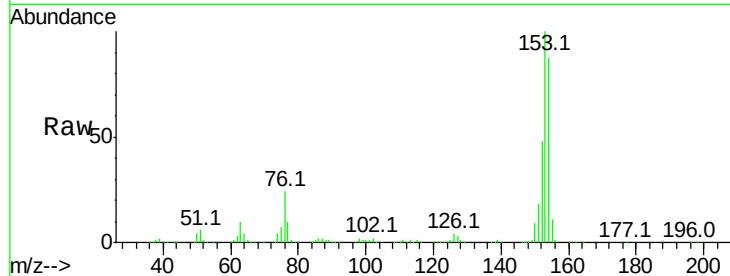
PB97501BS

Tot Ion:	154	Resp:	732864
Ion Ratio	Lower	Upper	
154	100		
153	115.1	88.6	133.0
152	55.7	41.6	62.4

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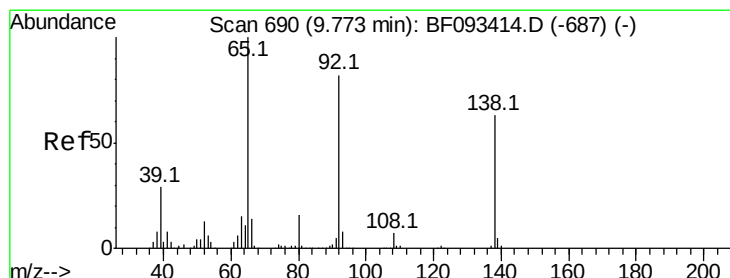
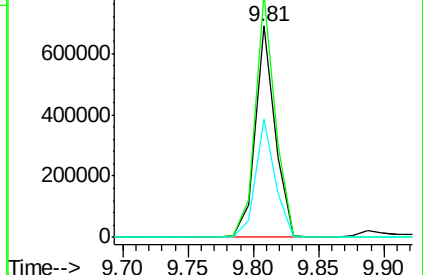
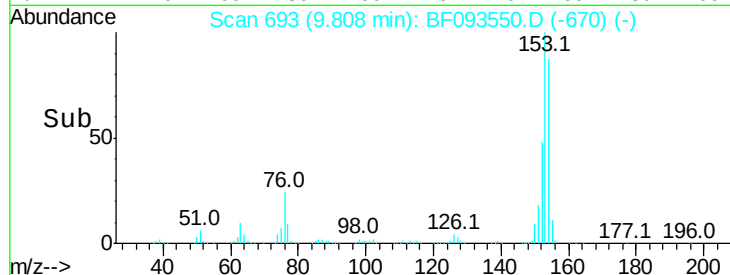
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.31 ng

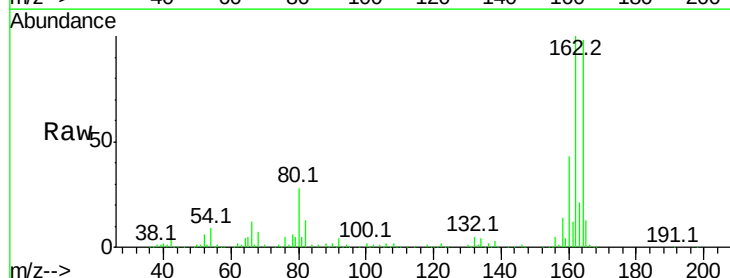
RT: 9.77 min Scan# 690

Delta R.T. -0.00 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

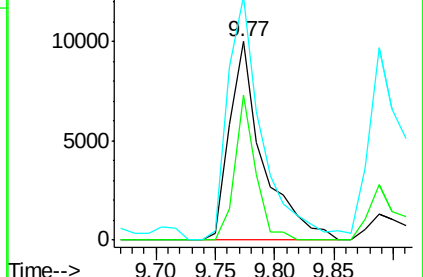
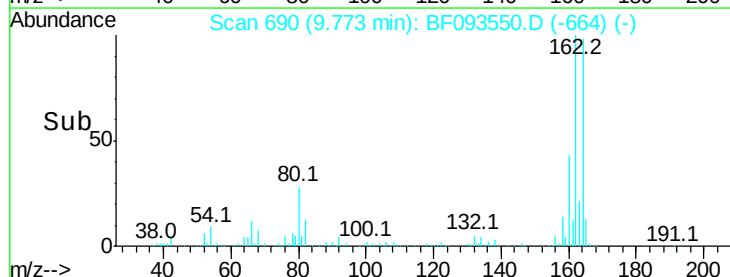
Tgt Ion:	138	Resp:	19526
Ion Ratio	Lower	Upper	
138	100		
108	73.1	8.5	12.7#
92	122.9	97.8	146.8

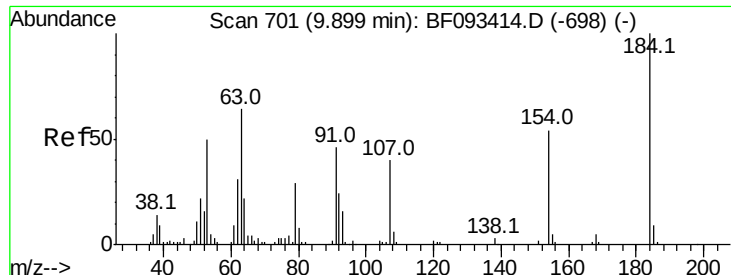


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





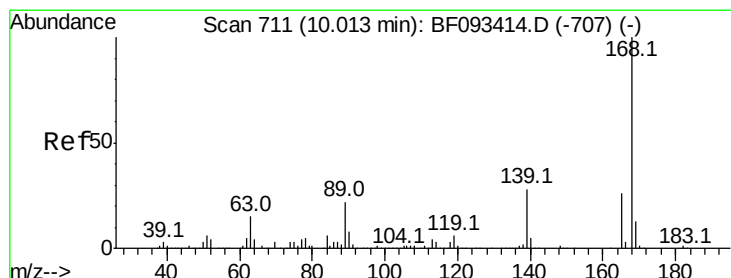
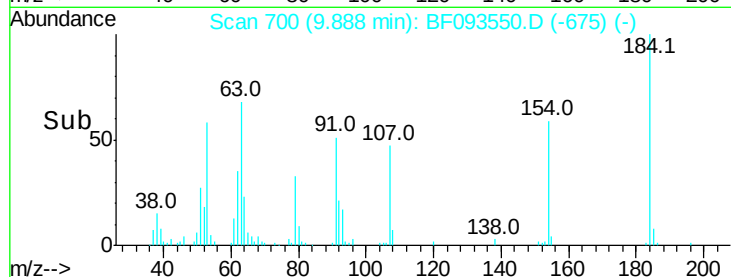
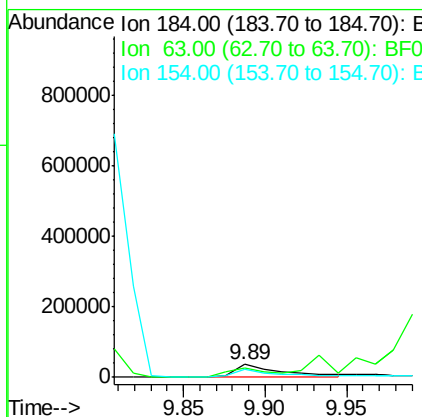
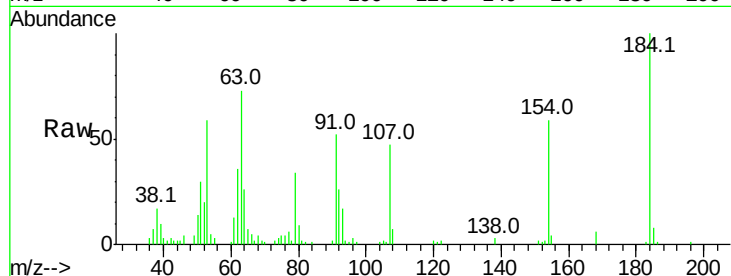
#53
 2,4-Dinitrophenol
 Concen: 32.77 ng
 RT: 9.89 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Instrument :
 BNA_F
 ClientSampled :
 PB97501BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.8	28.4	42.6#
154	58.9	44.3	66.5

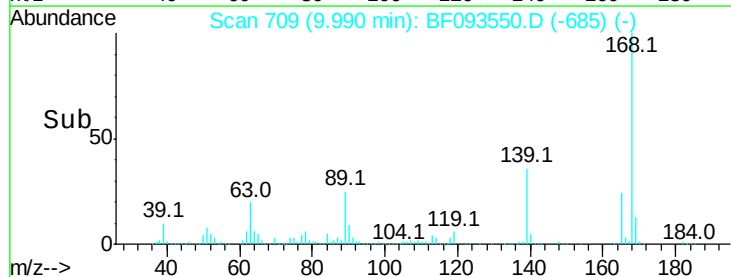
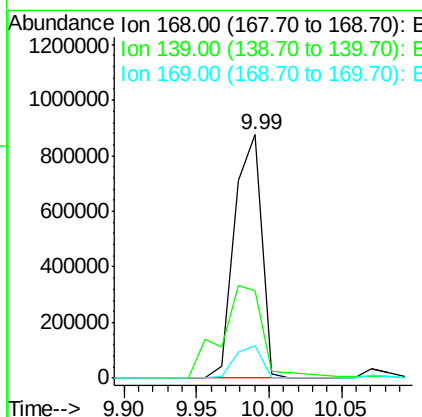
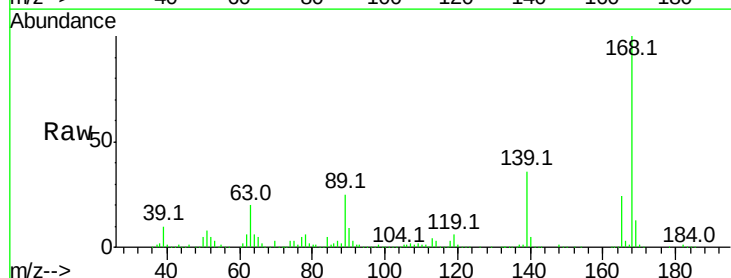
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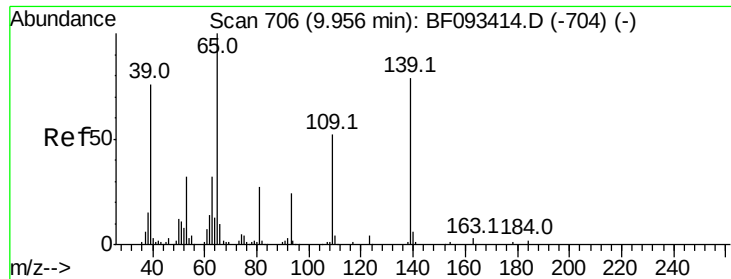
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#54
 Dibenzofuran
 Concen: 49.30 ng
 RT: 9.99 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.0	32.6	49.0
169	13.1	11.3	16.9





#55

4-Nitrophenol

Concen: 60.32 ng/mL

RT: 9.96 min Scan# 706

Delta R.T. -0.00 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

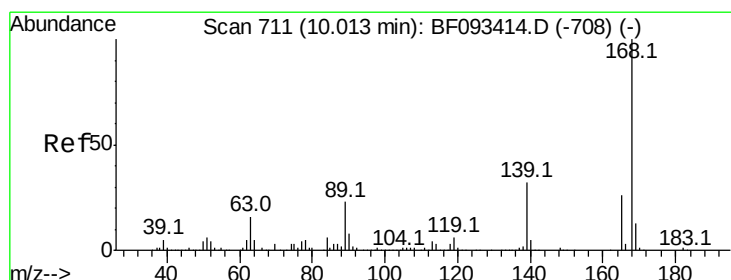
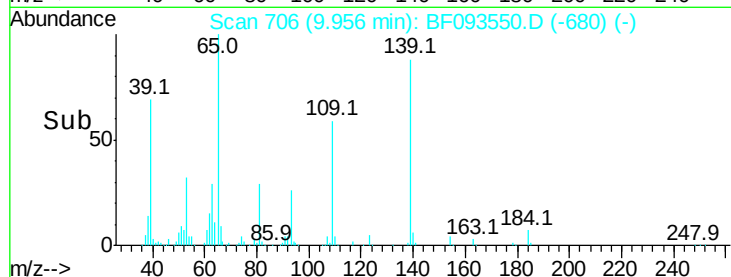
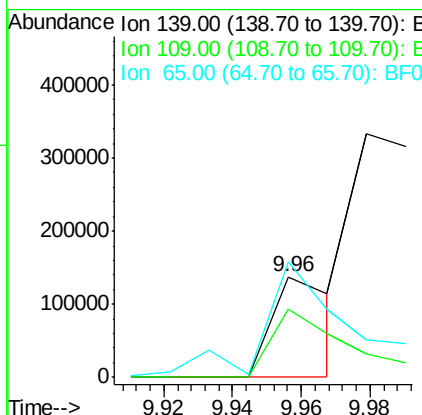
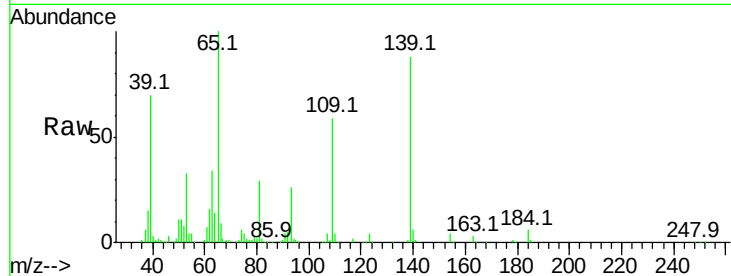
ClientSampled :

PB97501BS

Tot Ion:	139	Resp:	172617
Ion Ratio	Lower	Upper	
139	100		
109	67.2	52.2	92.2
65	114.2	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 43.35 ng/mL

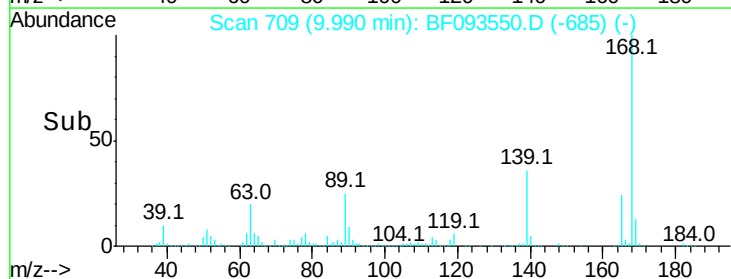
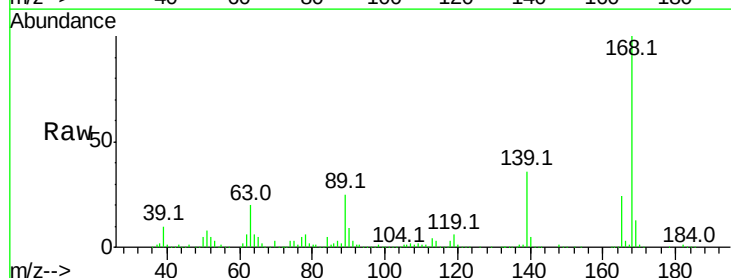
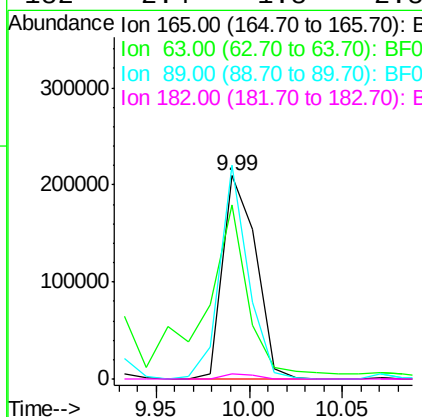
RT: 9.99 min Scan# 709

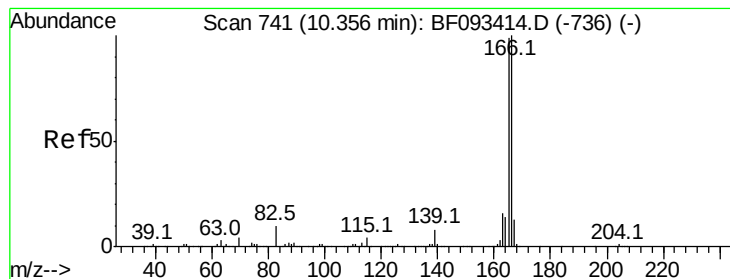
Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Tgt Ion:	165	Resp:	261169
Ion Ratio	Lower	Upper	
165	100		
63	85.7	40.2	60.4#
89	105.1	62.5	93.7#
182	2.4	1.8	2.8





#57

Fluorene

Concen: 44.33 ng

RT: 10.33 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

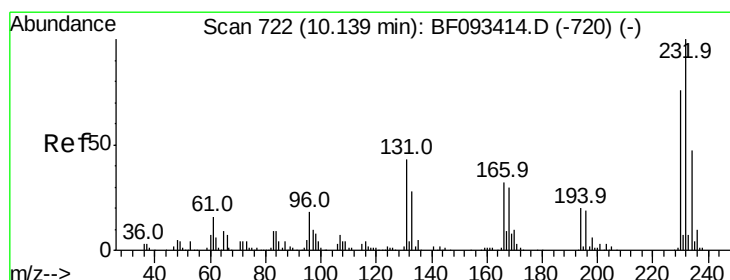
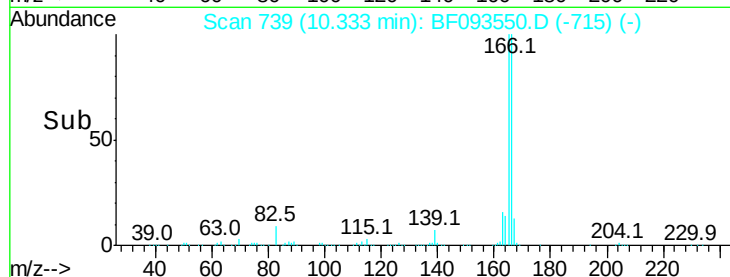
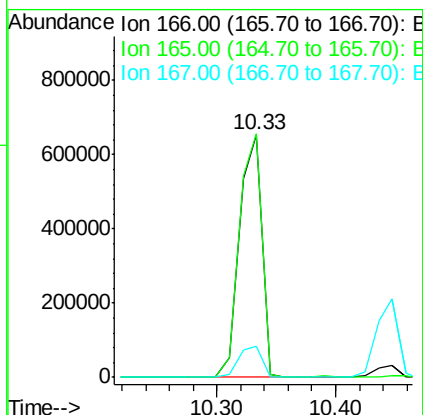
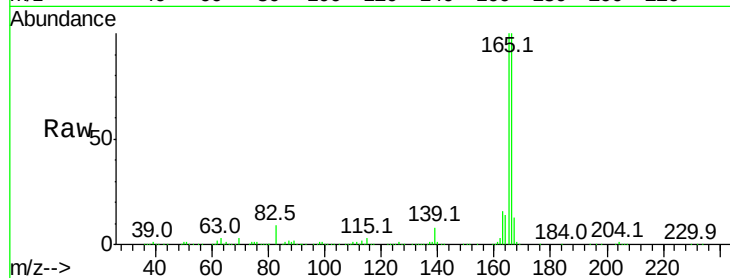
ClientSampleId :

PB97501BS

Tot Ion:	166	Resp:	861888
Ion Ratio	Lower	Upper	
166	100		
165	100.4	77.8	116.8
167	13.0	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.29 ng

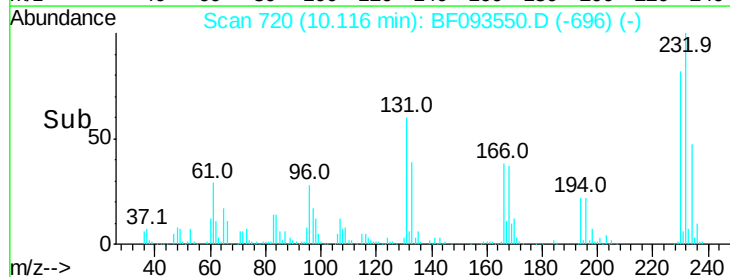
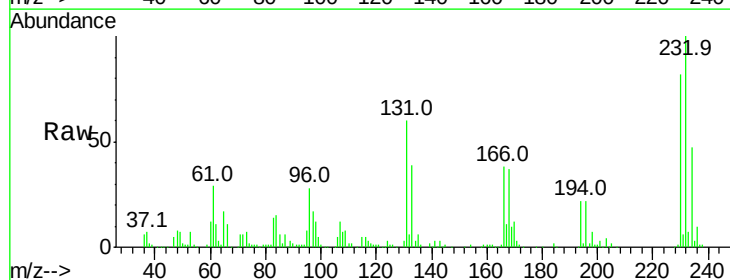
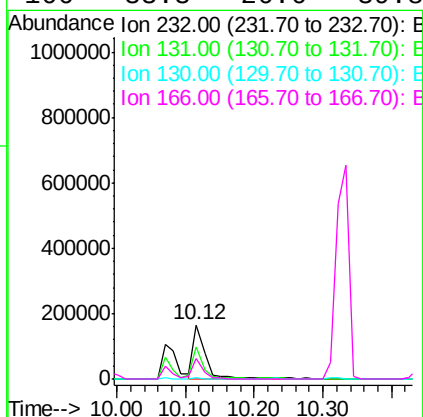
RT: 10.12 min Scan# 720

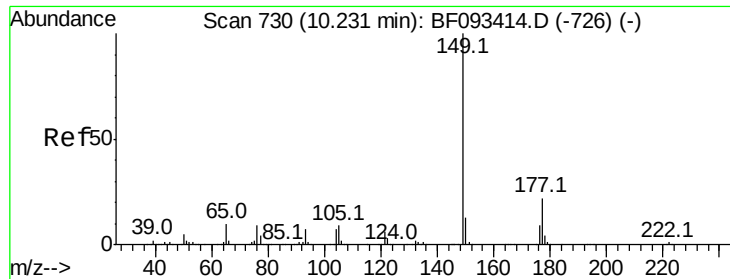
Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Tgt Ion:	232	Resp:	201580
Ion Ratio	Lower	Upper	
232	100		
131	52.1	40.1	60.1
130	2.6	1.8	2.8
166	33.3	26.6	39.8





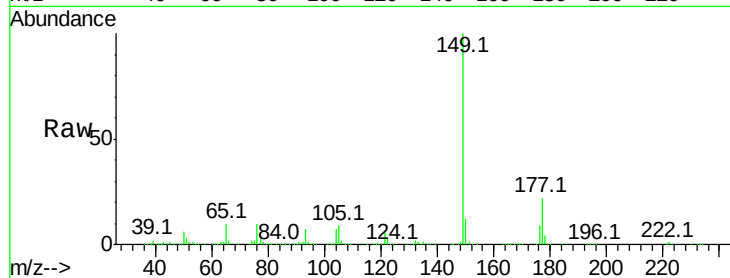
#59
Diethylphthalate
Concen: 45.63 ng
RT: 10.21 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampled :
PB97501BS

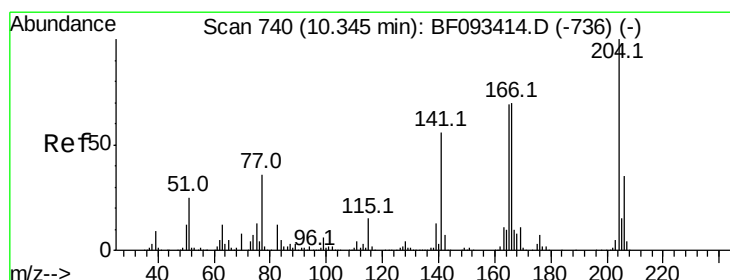
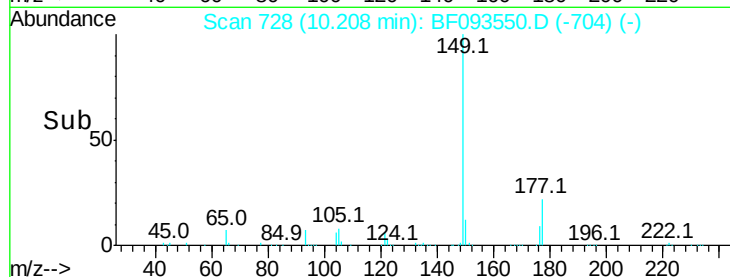
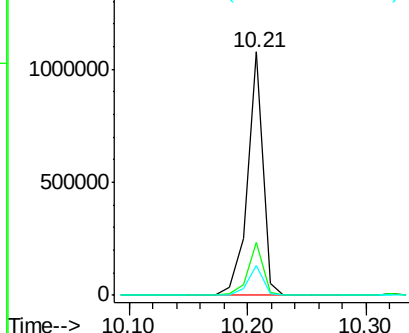
Tot Ion	Ratio	Resp	Lower	Upper
149	100	974547		
177	21.6		16.6	25.0
150	12.4		10.4	15.6

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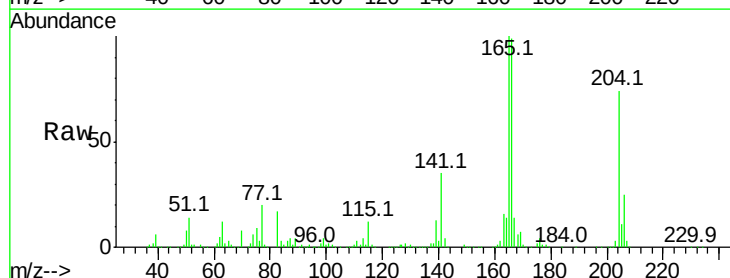


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

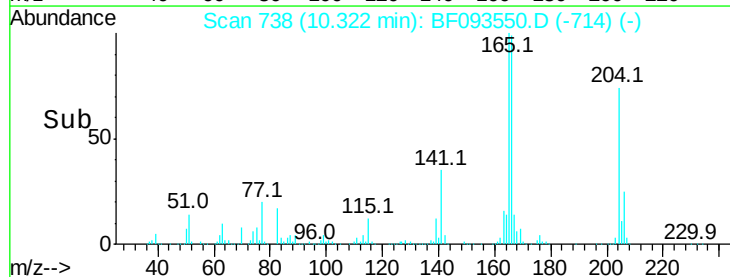
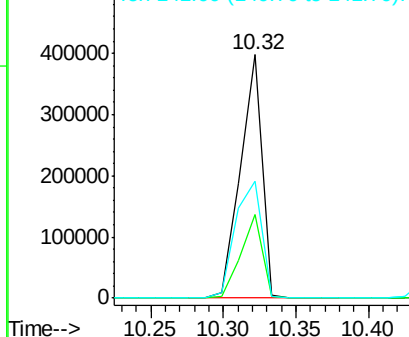


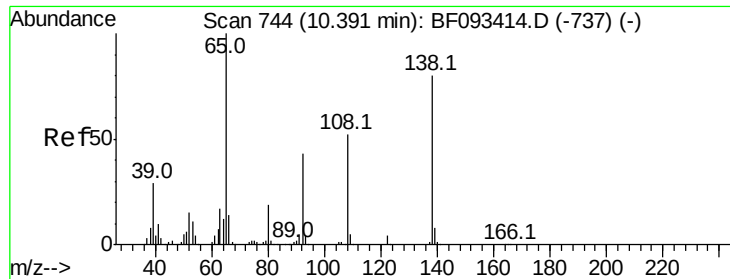
#60
4-Chlorophenyl-phenylether
Concen: 47.26 ng
RT: 10.32 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF093550.D
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Tgt Ion	Ratio	Resp	Lower	Upper
204	100	411836		
206	34.5		25.8	38.6
141	47.9		59.4	89.0#



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





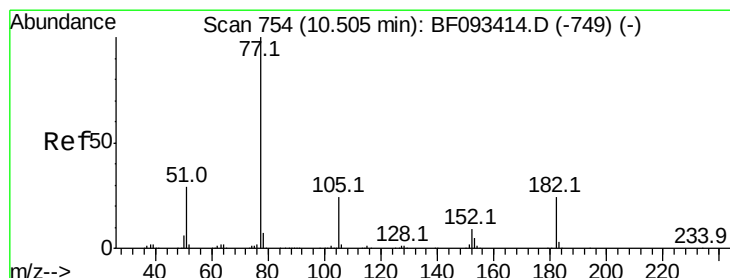
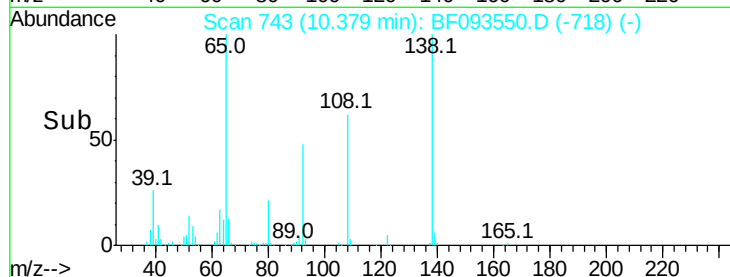
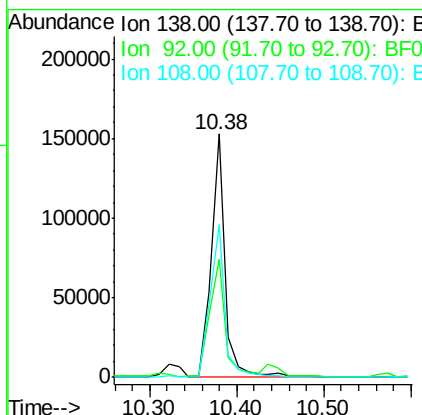
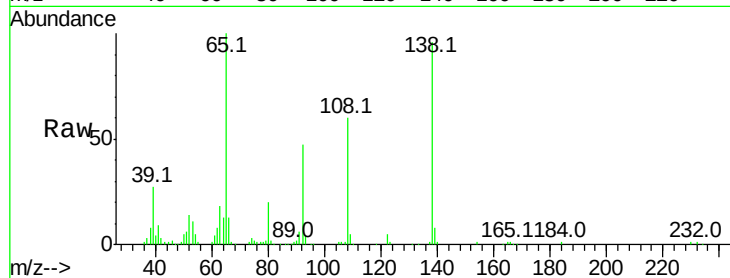
#61
4-Nitroaniline
Concen: 28.62 ng
RT: 10.38 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.5	31.7	71.7
108	62.8	52.6	92.6

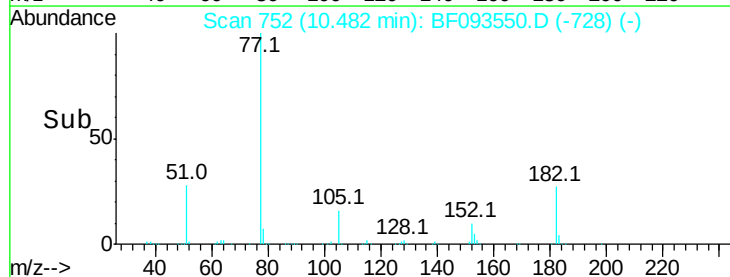
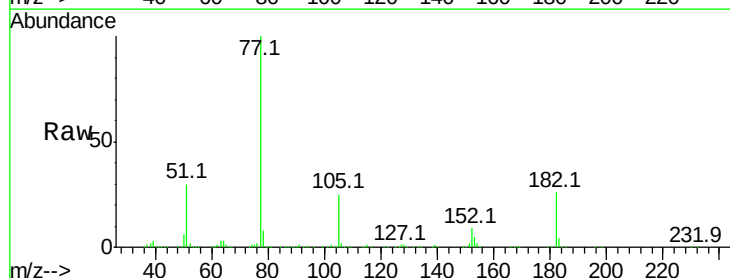
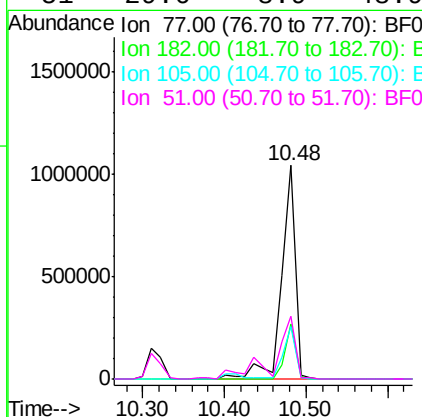
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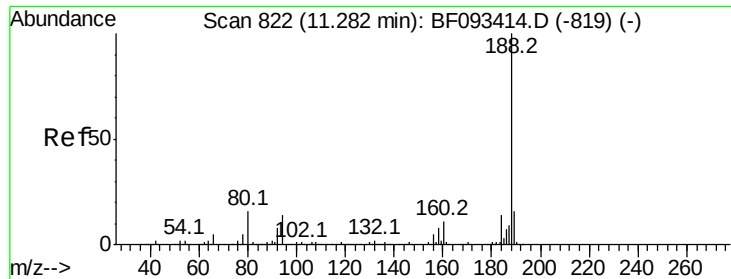
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#62
Azobenzene
Concen: 50.02 ng
RT: 10.48 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	0.0	39.3
105	24.9	2.3	42.3
51	29.6	8.9	48.9





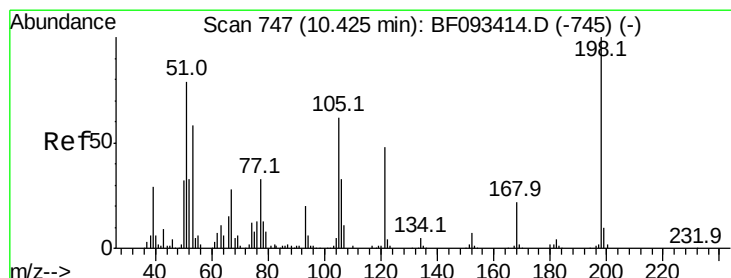
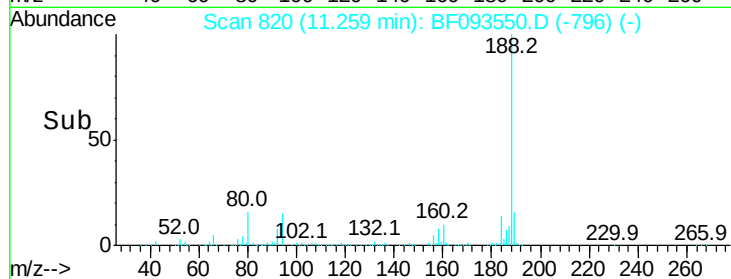
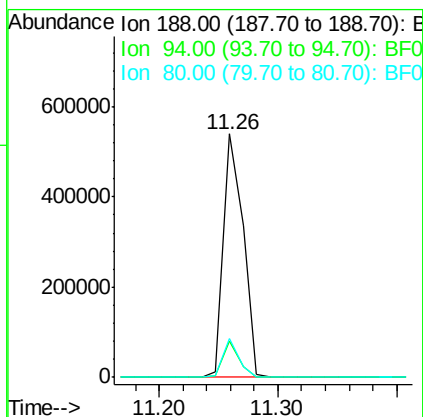
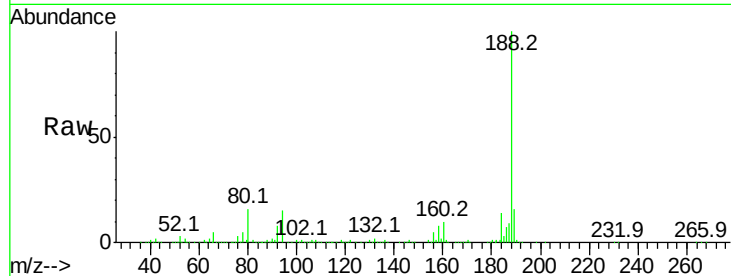
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 820
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	614847		
94	14.9	10.0	15.0	
80	16.1	11.2	16.8	

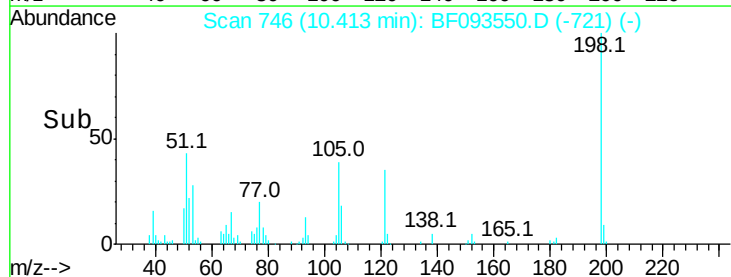
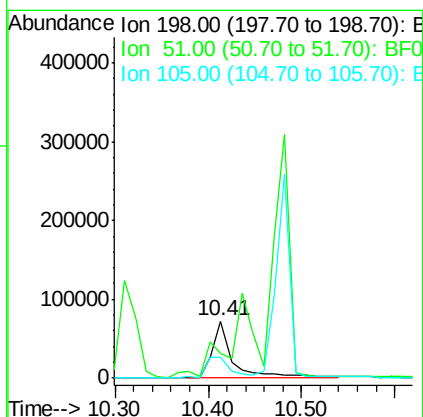
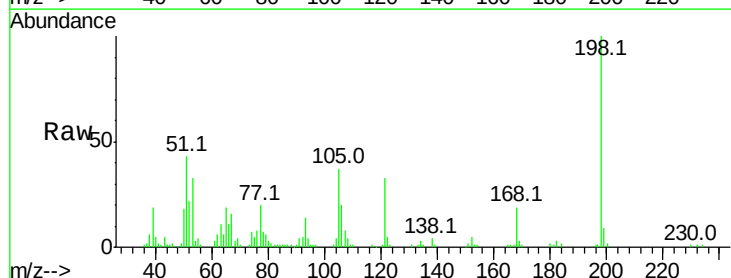
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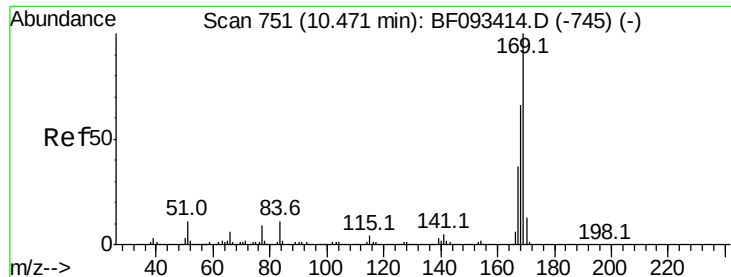
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.01 ng
RT: 10.41 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	111584		
51	42.7	6.7	46.7	
105	36.8	16.6	56.6	





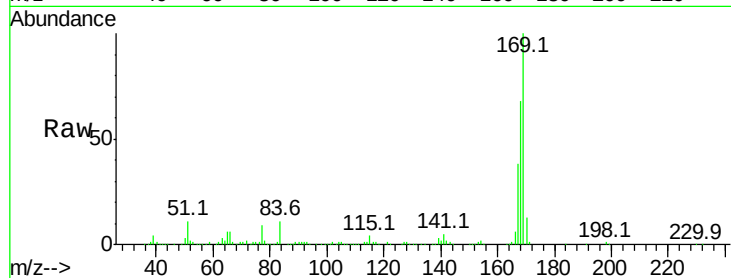
#65
n-Nitrosodiphenylamine
Concen: 34.43 ng
RT: 10.45 min Scan# 749
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

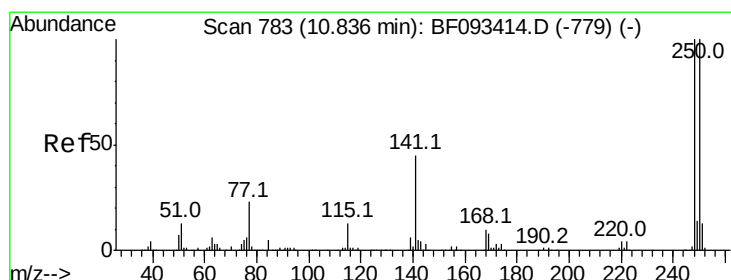
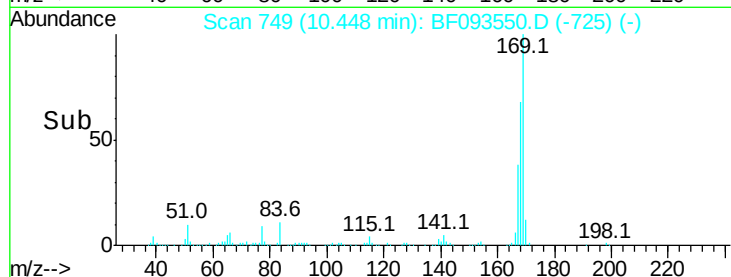
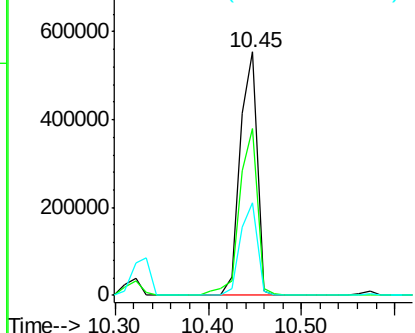
Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.3	54.2	81.2	
167	38.0	30.2	45.4	

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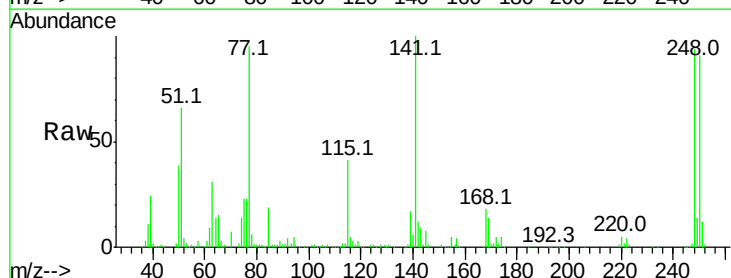


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

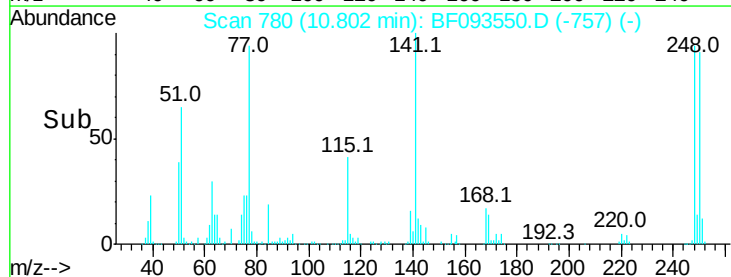
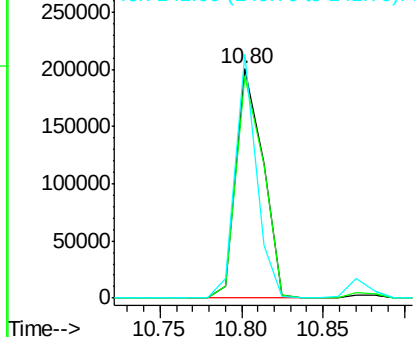


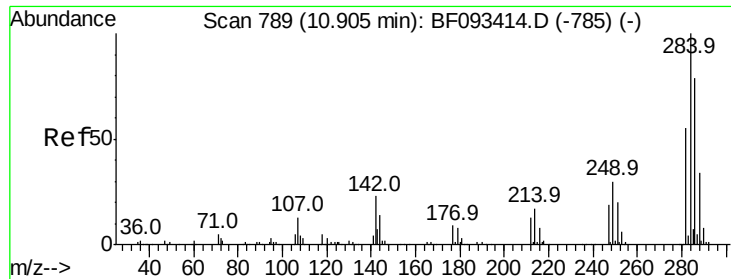
#66
4-Bromophenyl-phenylether
Concen: 35.09 ng
RT: 10.80 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.8	76.9	115.3	
141	106.3	68.2	102.4	



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





#67

Hexachlorobenzene

Concen: 37.95 ng

RT: 10.88 min Scan# 787

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

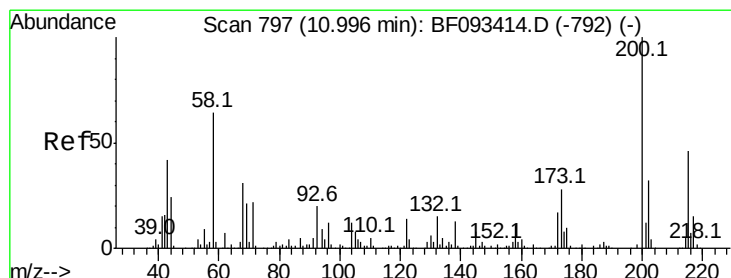
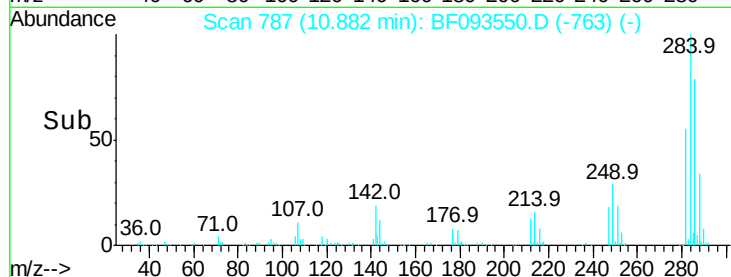
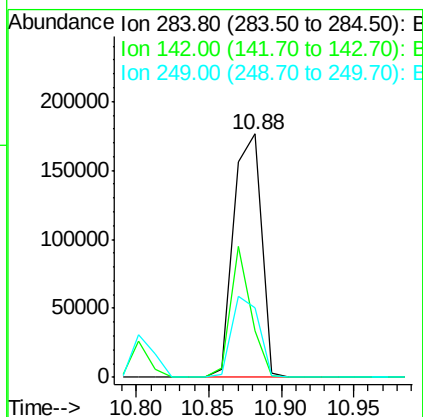
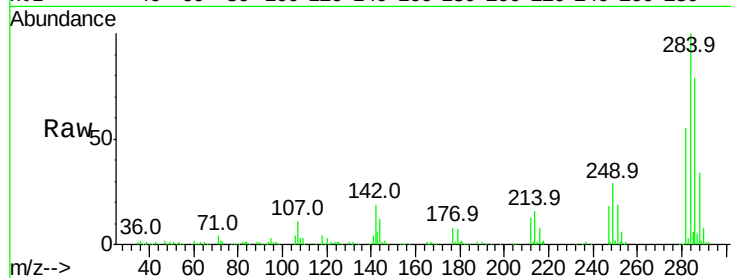
ClientSampleId :

PB97501BS

Tot Ion:	284	Resp:	235637
Ion Ratio	Lower	Upper	
284	100		
142	19.0	22.6	33.8#
249	28.6	25.4	38.0

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#68

Atrazine

Concen: 28.15 ng

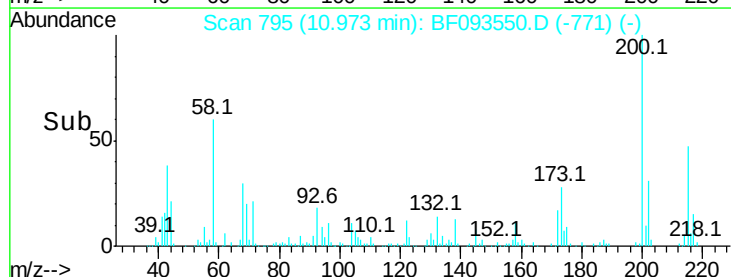
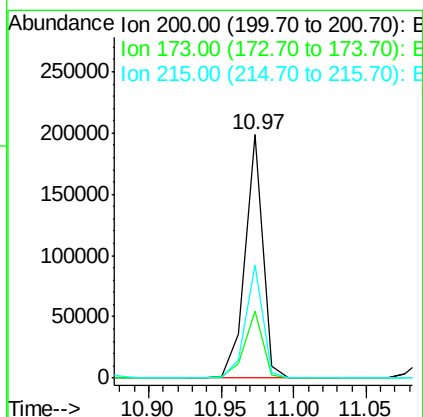
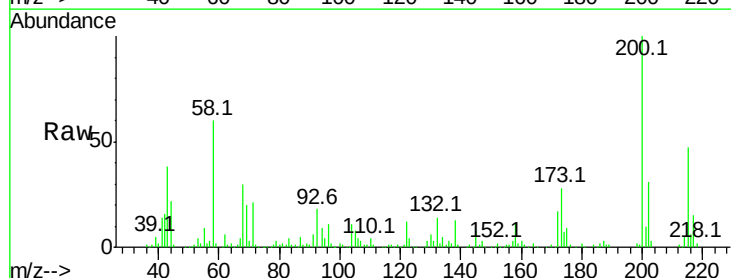
RT: 10.97 min Scan# 795

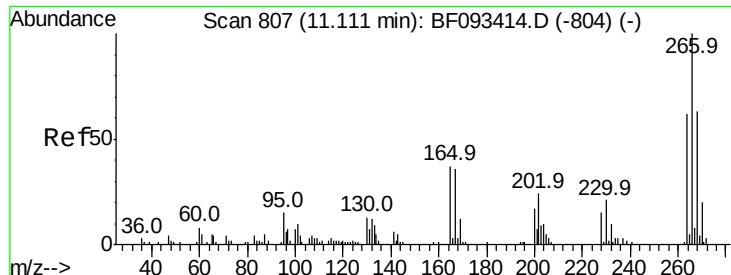
Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Tgt Ion:	200	Resp:	169156
Ion Ratio	Lower	Upper	
200	100		
173	27.6	9.6	49.6
215	46.6	25.7	65.7





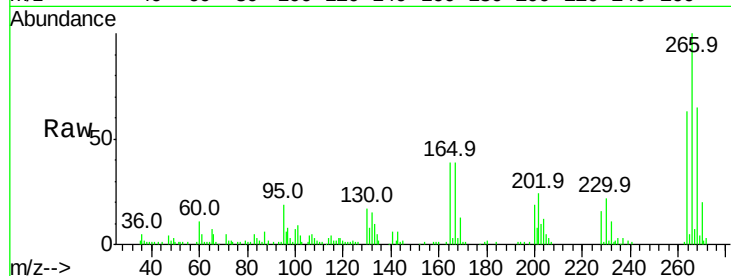
#69
 Pentachlorophenol
 Concen: 44.84 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Instrument :
 BNA_F
 ClientSampleID :
 PB97501BS

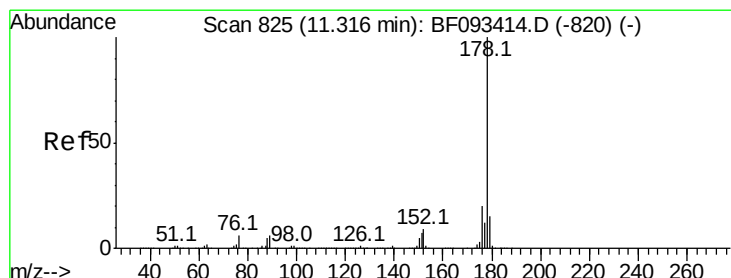
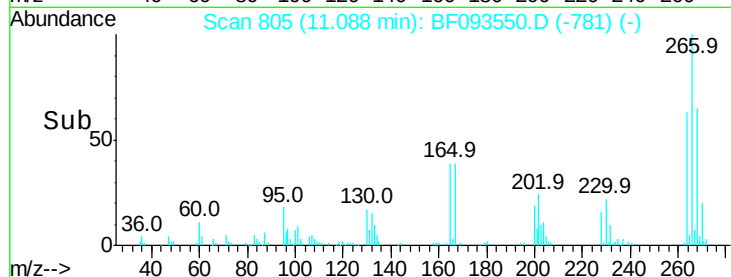
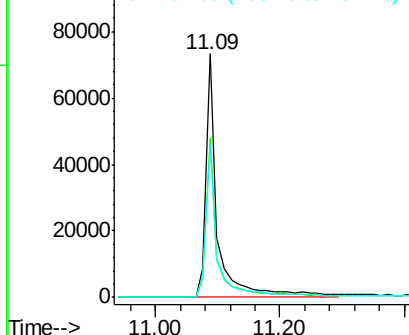
Tot Ion	Ratio	Resp	Lower	Upper
266	100	96107		
268	65.1	53.3	79.9	
264	62.6	50.3	75.5	

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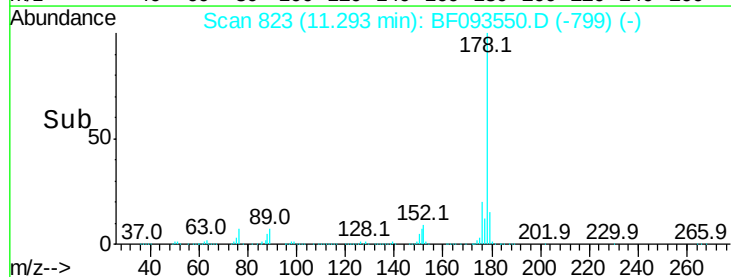
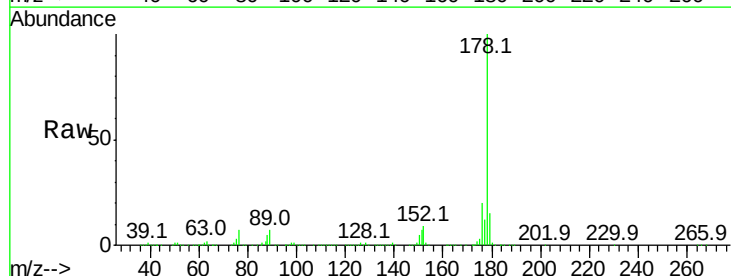
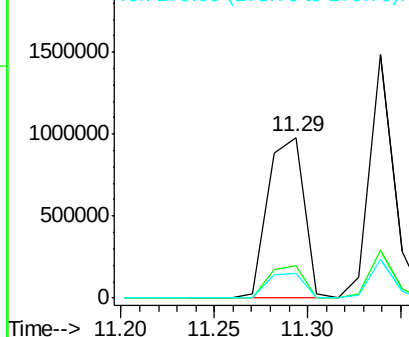
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

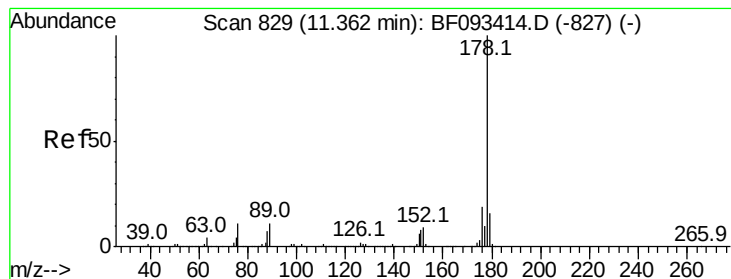


#70
 Phenanthrene
 Concen: 37.54 ng
 RT: 11.29 min Scan# 823
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1317616		
176	19.8	16.6	25.0	
179	15.0	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: 37.44 ng

RT: 11.34 min Scan# 827

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

PB97501BS

Tot Ion:178 Resp: 1329214

Ion Ratio Lower Upper

178 100

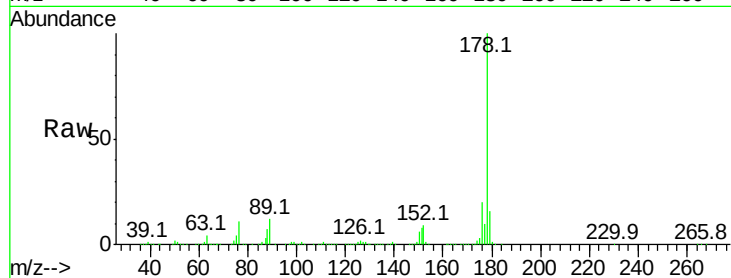
176 19.5 15.9 23.9

179 15.9 13.2 19.8

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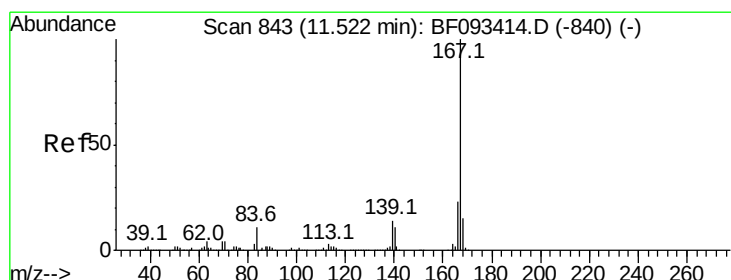
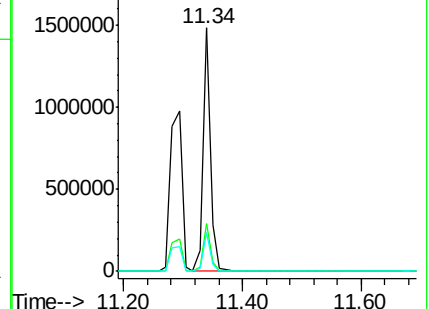
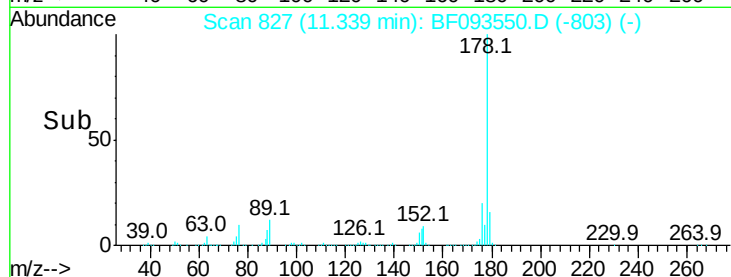
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 32.58 ng

RT: 11.51 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

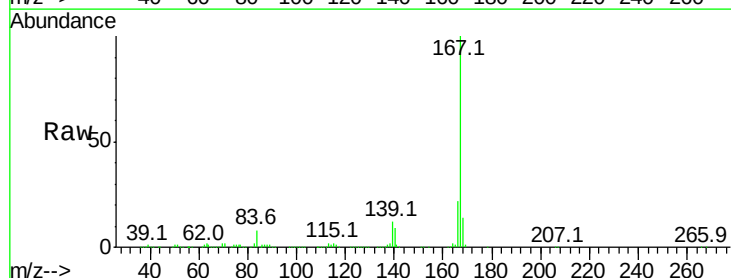
Tgt Ion:167 Resp: 1086477

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

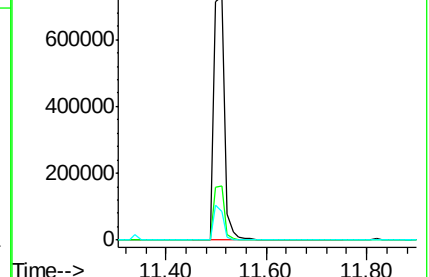
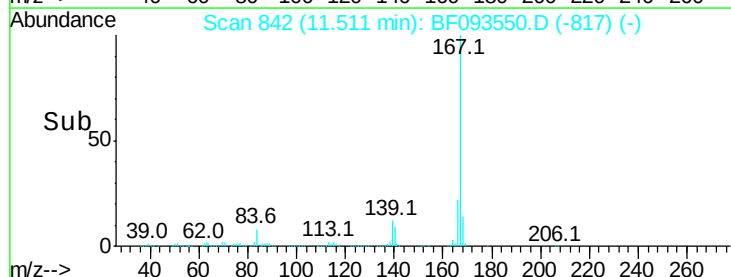
139 11.7 11.4 17.2

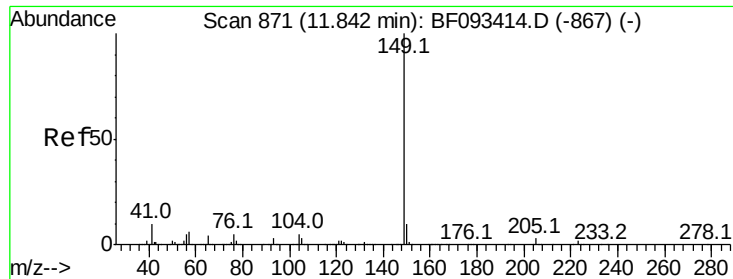


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.67 ng

RT: 11.82 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

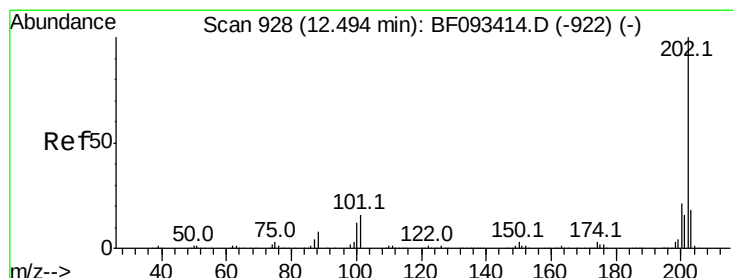
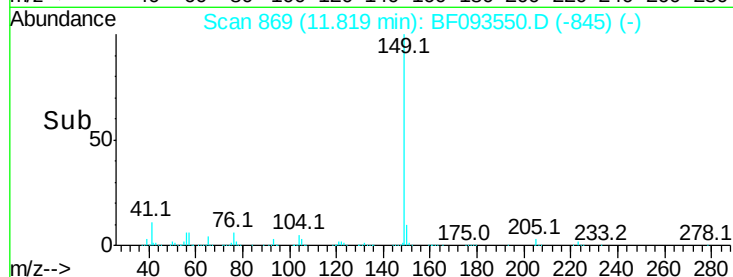
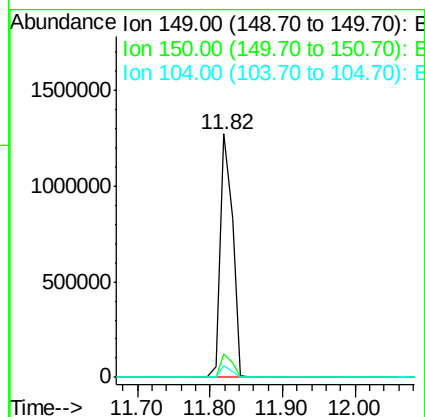
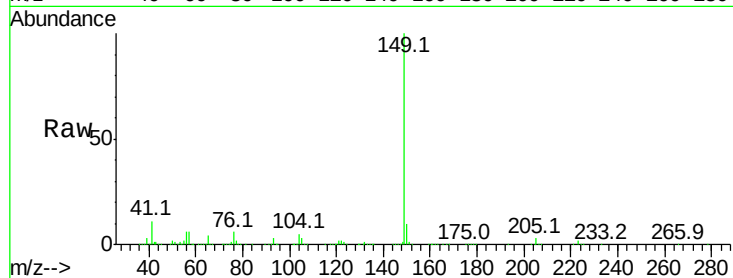
PB97501BS

Tot Ion:	149	Resp:	1492151
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.1	12.1
104	5.0	4.6	7.0

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#74

Fluoranthene

Concen: 38.50 ng

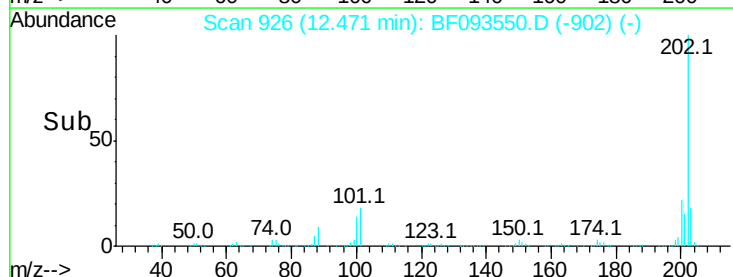
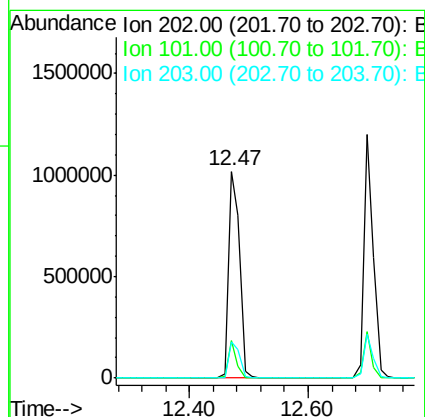
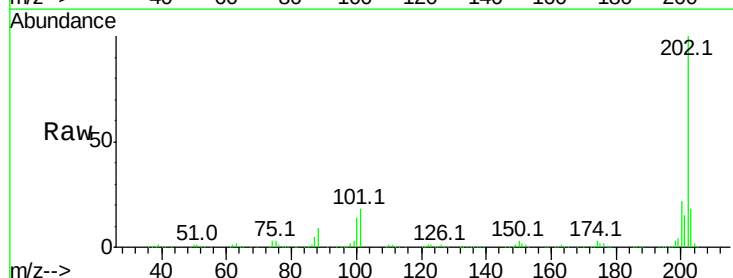
RT: 12.47 min Scan# 926

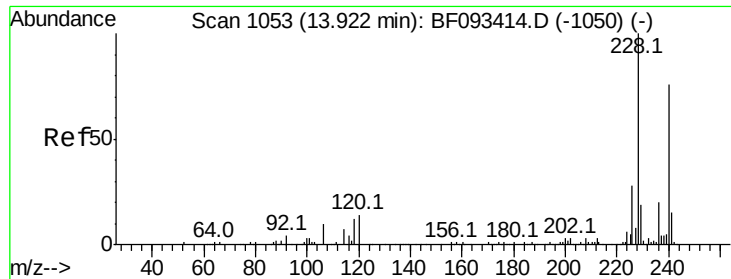
Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Tgt Ion:	202	Resp:	1305196
Ion Ratio	Lower	Upper	
202	100		
101	18.3	0.0	34.6
203	17.8	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampleId :

PB97501BS

Tot Ion:240 Resp: 493789

Ion Ratio Lower Upper

240 100

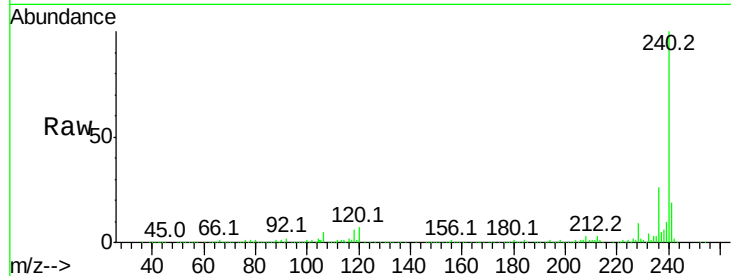
120 7.1 12.9 19.3#

236 25.9 20.9 31.3

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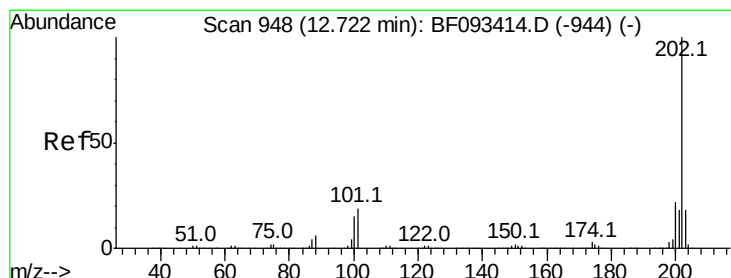
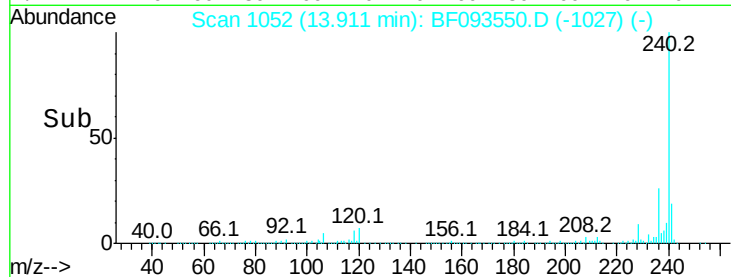
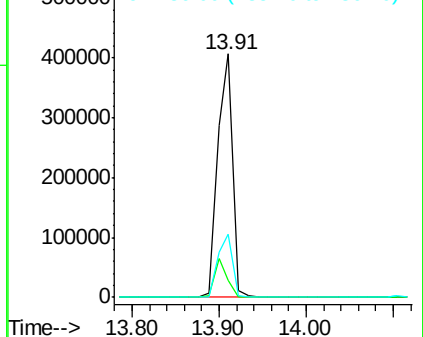
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 36.52 ng

RT: 12.70 min Scan# 946

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

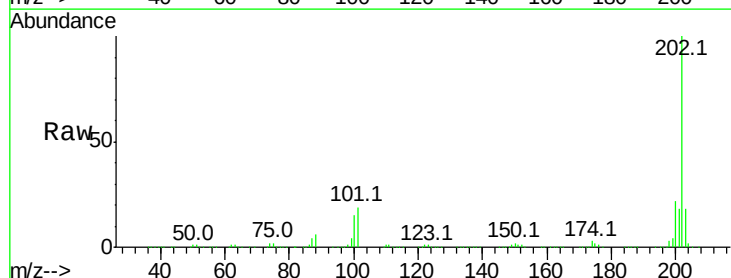
Tgt Ion:202 Resp: 1311421

Ion Ratio Lower Upper

202 100

200 22.1 17.7 26.5

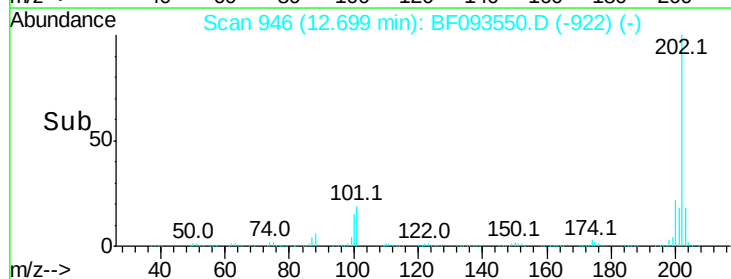
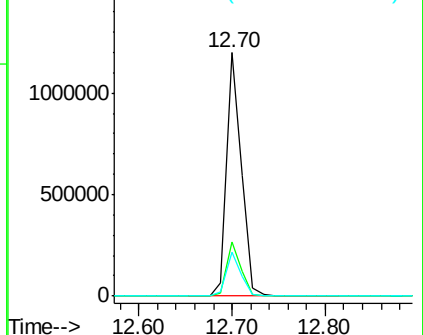
203 18.1 14.7 22.1

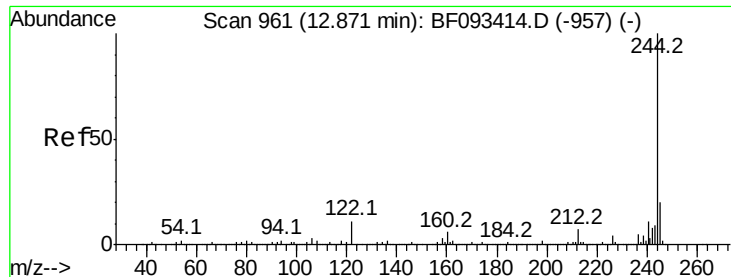


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





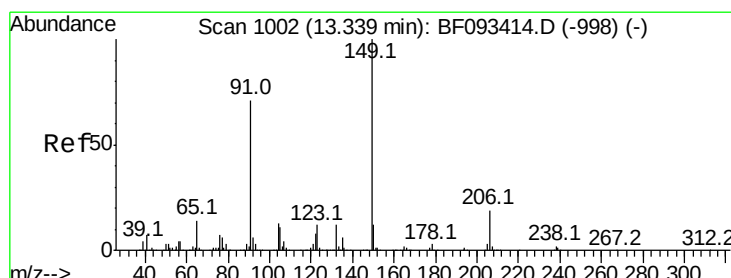
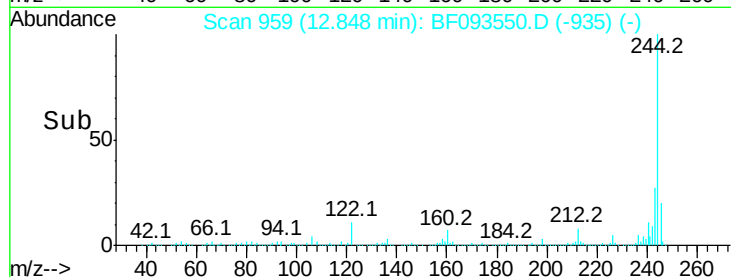
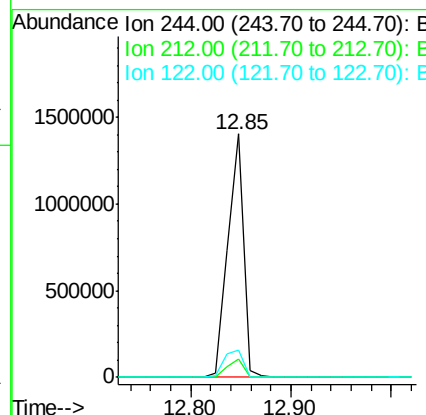
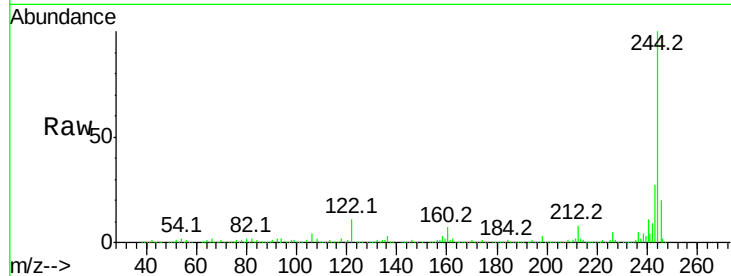
#78
 Terphenyl-d14
 Concen: 80.11 ng
 RT: 12.85 min Scan# 959
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Instrument :
 BNA_F
 ClientSampleId :
 PB97501BS

Tot Ion:244 Resp: 1521516
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.2 11.4 17.2#

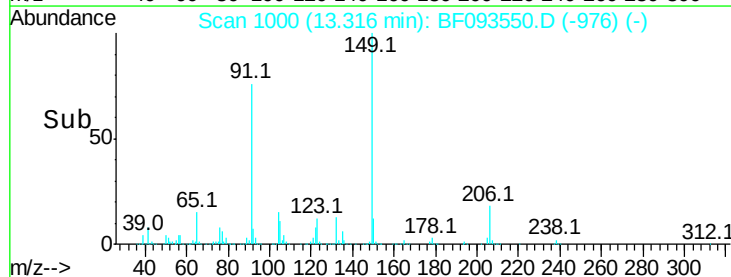
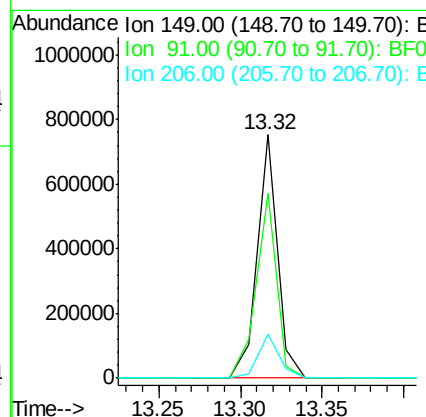
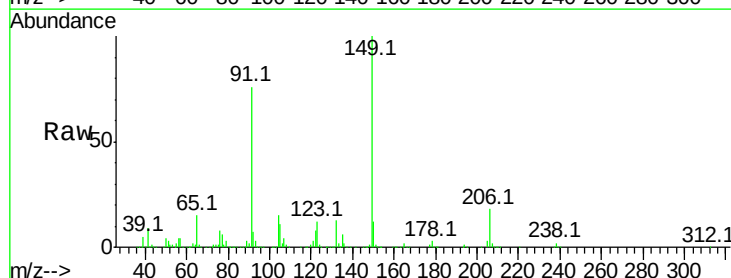
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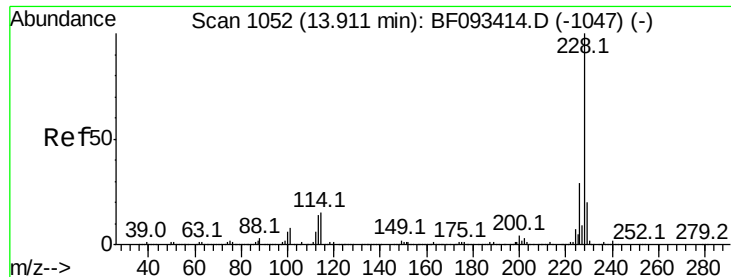
mohammad
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#79
 Butylbenzylphthalate
 Concen: 43.18 ng
 RT: 13.32 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF093550.D
 Acq: 11 Mar 2017 4:27

Tgt Ion:149 Resp: 652787
 Ion Ratio Lower Upper
 149 100
 91 75.7 63.9 95.9
 206 18.2 14.6 21.8





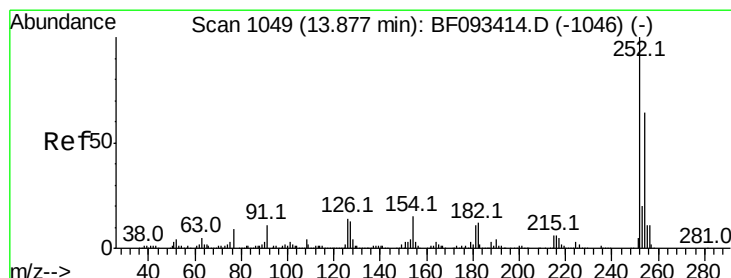
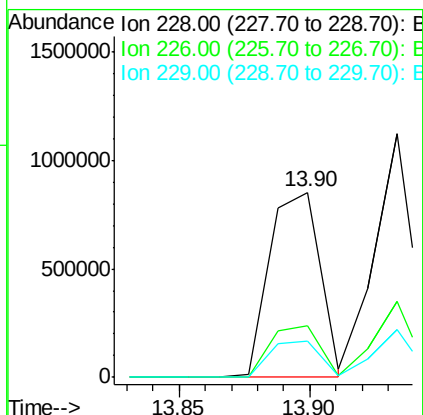
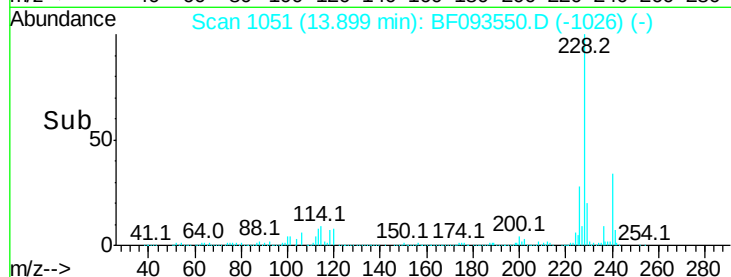
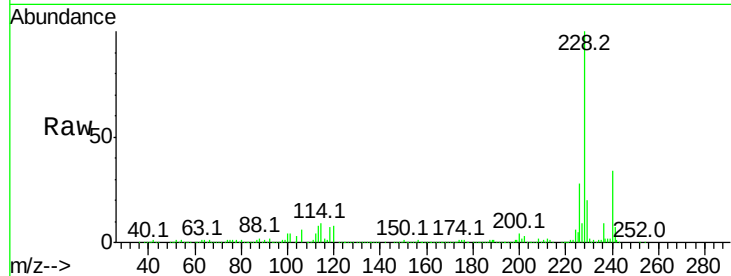
#80
Benzo(a)anthracene
Concen: 39.57 ng
RT: 13.90 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.4	33.6
229	19.6	16.2	24.4

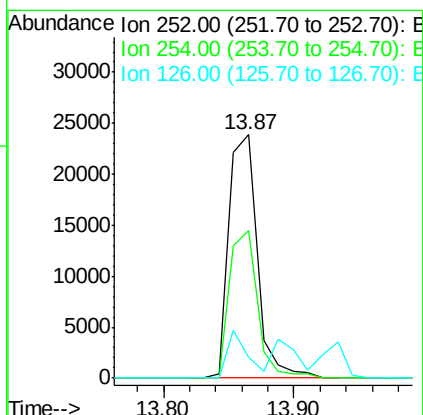
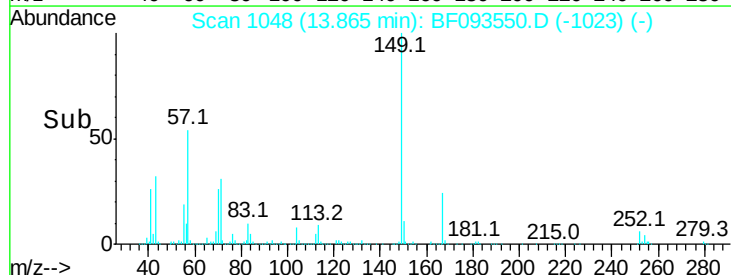
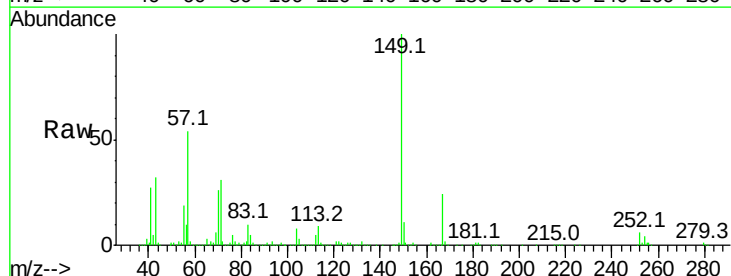
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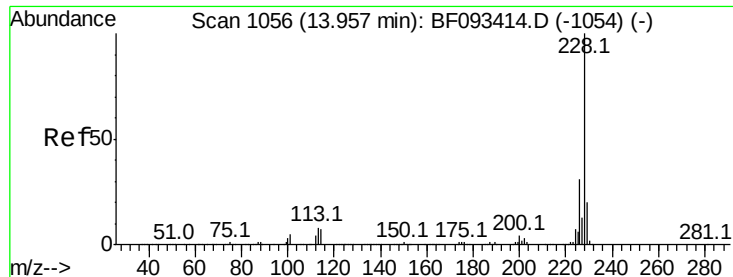
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#81
3,3'-Dichlorobenzidine
Concen: 3.53 ng
RT: 13.87 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.7	52.3	78.5
126	8.8	13.6	20.4





#82

Chrysene

Concen: 41.92 ng

RT: 13.93 min Scan# 1054

Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Instrument :

BNA_F

ClientSampled :

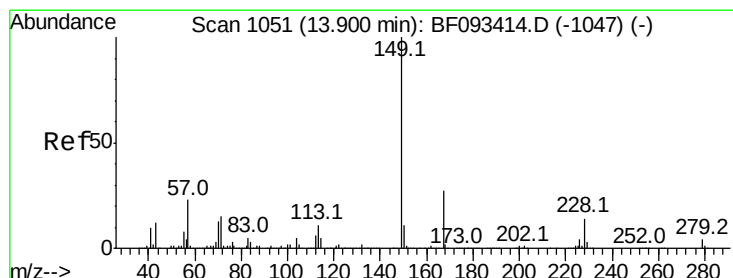
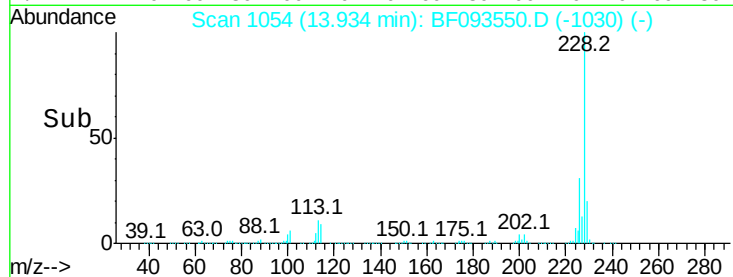
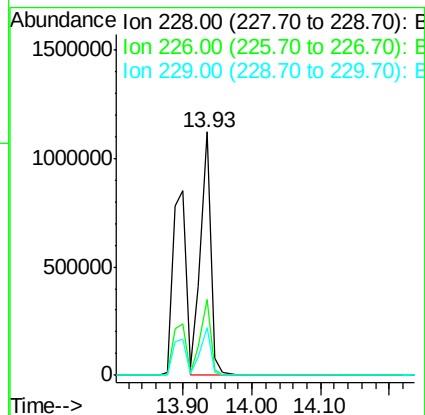
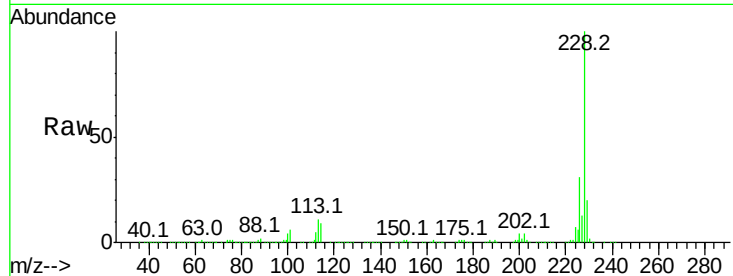
PB97501BS

Tot Ion:	228	Resp:	1130879
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	19.7	16.2	24.2

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#83

Bis(2-ethylhexyl)phthalate

Concen: 45.71 ng

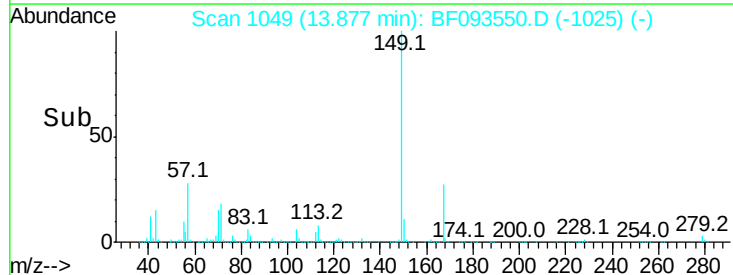
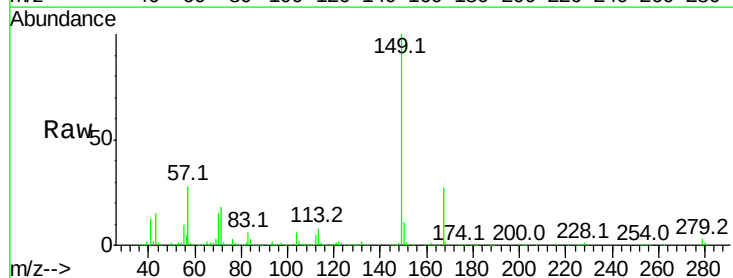
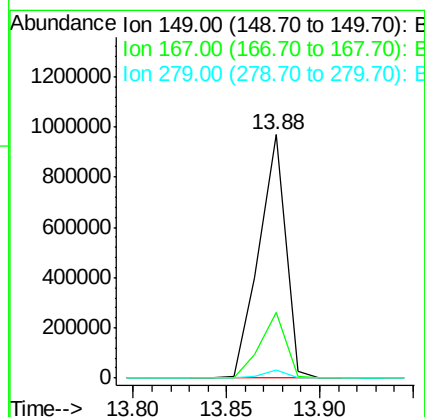
RT: 13.88 min Scan# 1049

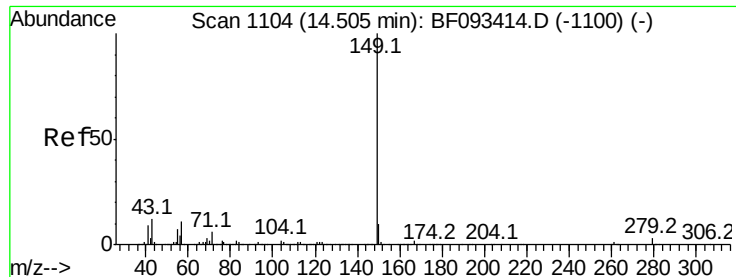
Delta R.T. -0.02 min

Lab File: BF093550.D

Acq: 11 Mar 2017 4:27

Tgt Ion:	149	Resp:	963227
Ion	Ratio	Lower	Upper
149	100		
167	27.0	20.2	30.4
279	3.2	1.8	2.8#





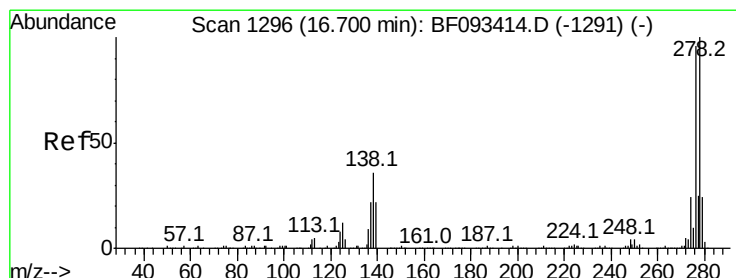
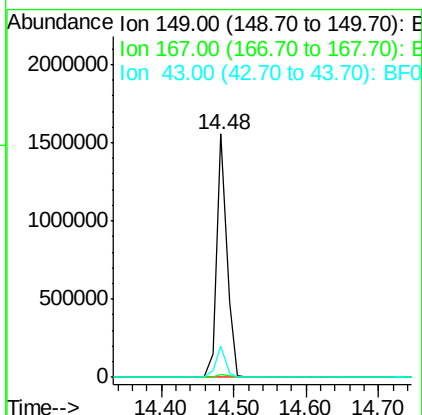
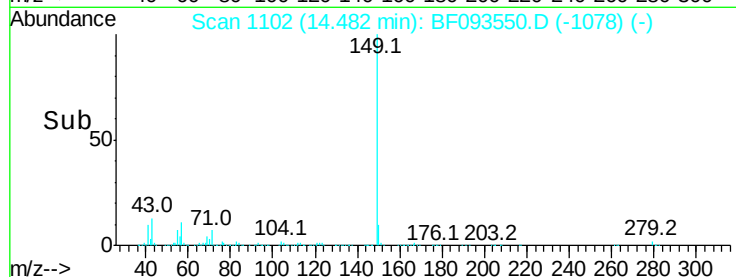
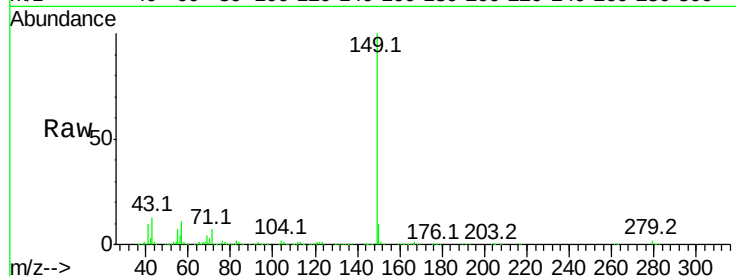
#84
Di-n-octyl phthalate
Concen: 43.24 ng
RT: 14.48 min Scan# 1102
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

Tot Ion:149 Resp: 1518479
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.2 8.9 13.3

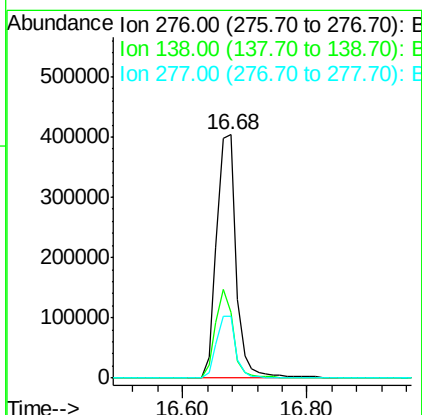
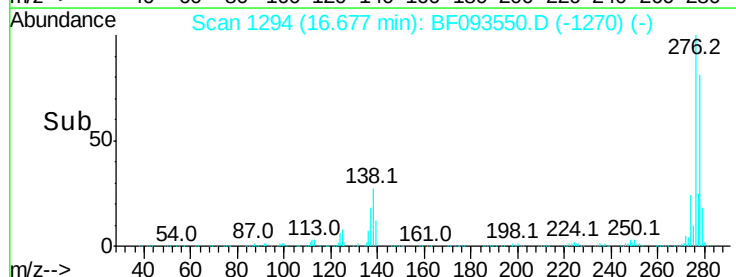
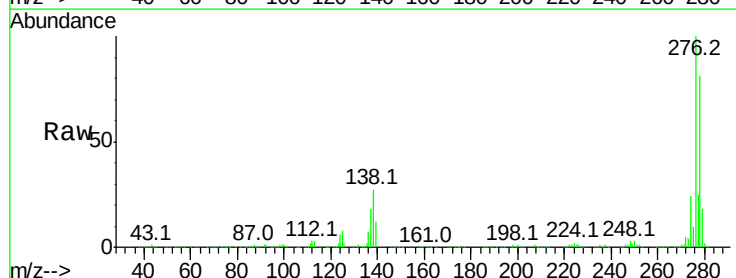
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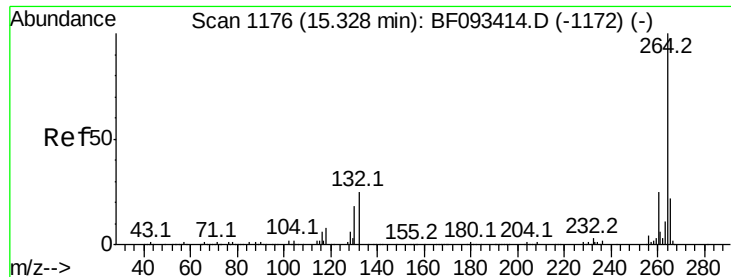
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#85
Indeno(1,2,3-cd)pyrene
Concen: 38.92 ng
RT: 16.68 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion:276 Resp: 879006
Ion Ratio Lower Upper
276 100
138 33.6 21.8 32.6#
277 25.1 20.2 30.4





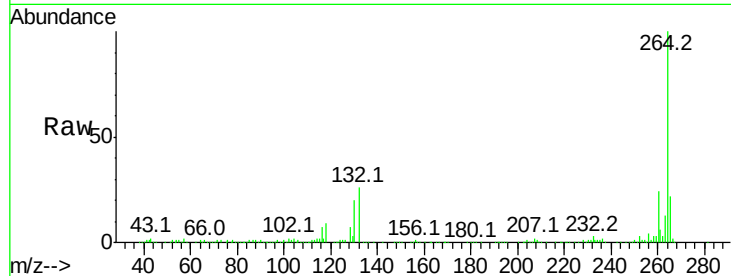
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

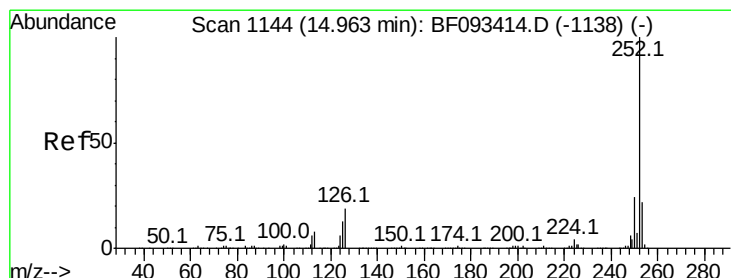
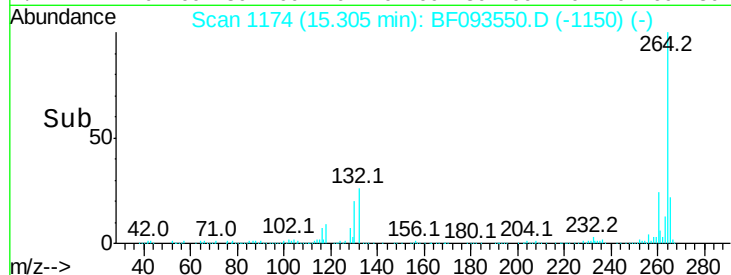
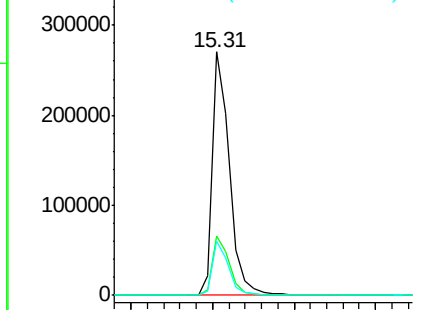
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.4	26.0

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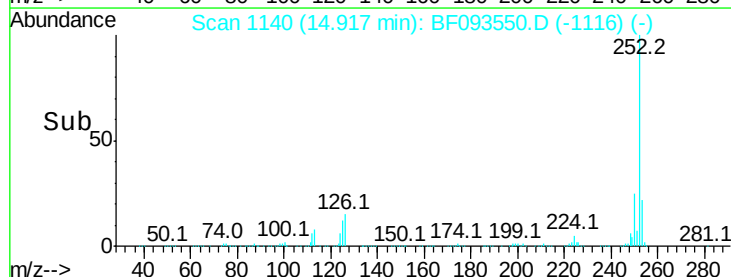
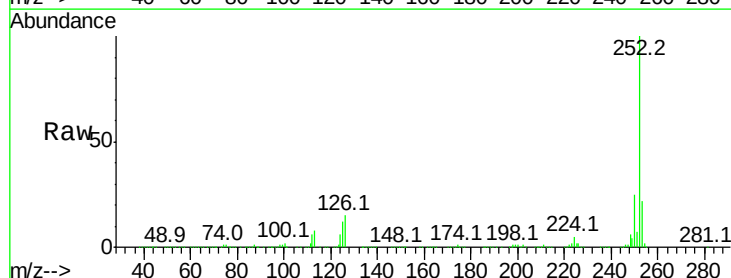
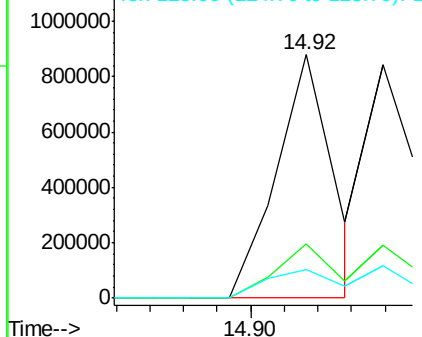
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

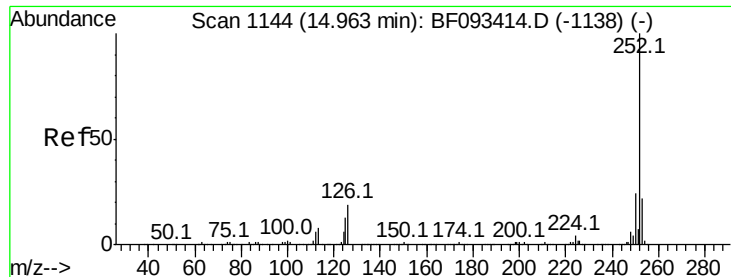


#87
Benzo(b)fluoranthene
Concen: 42.22 ng m
RT: 14.92 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.7	9.8	14.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





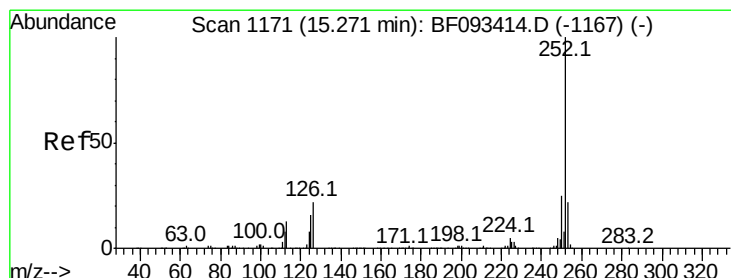
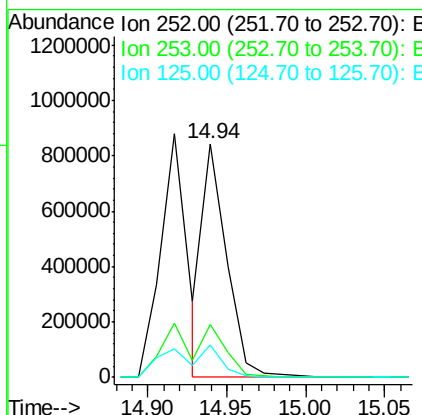
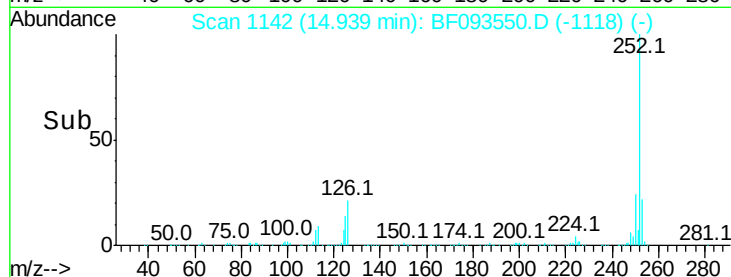
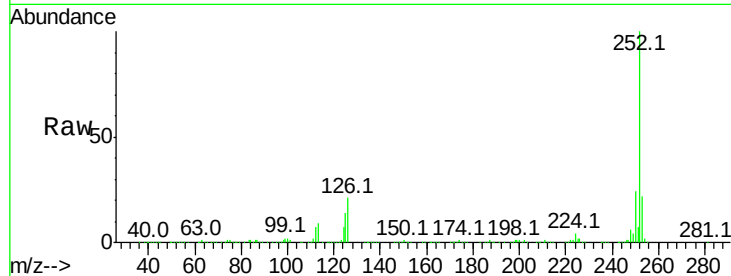
#88
Benzo(k)fluoranthene
Concen: 39.36 ng m
RT: 14.94 min Scan# 1142
Delta R.T. -0.02 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampleId :
PB97501BS

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

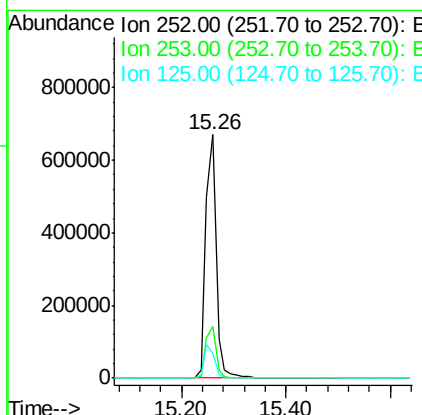
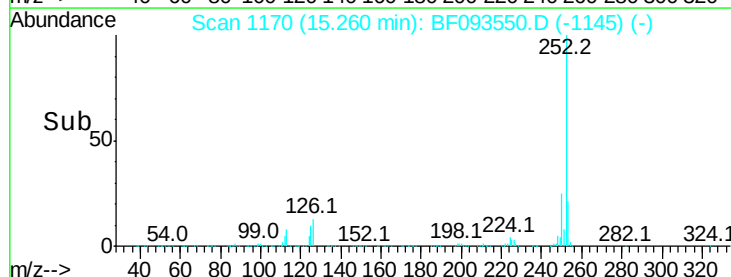
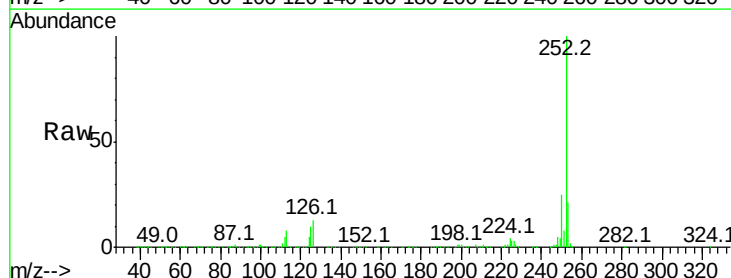
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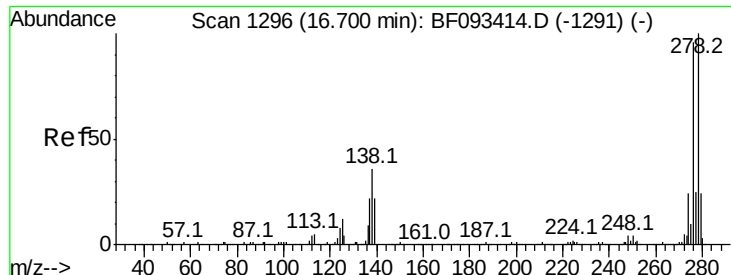
mohammad
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#89
Benzo(a)pyrene
Concen: 42.10 ng
RT: 15.26 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	10.3	10.0	15.0





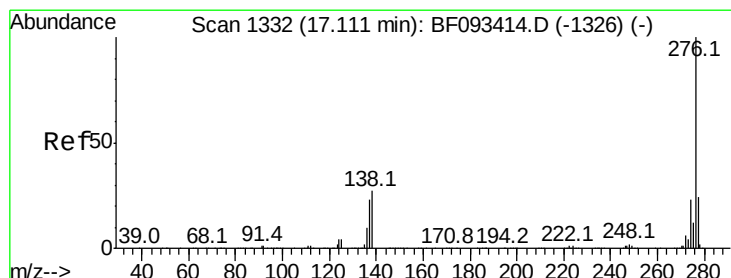
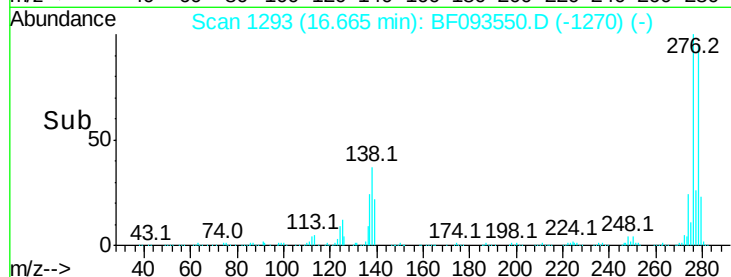
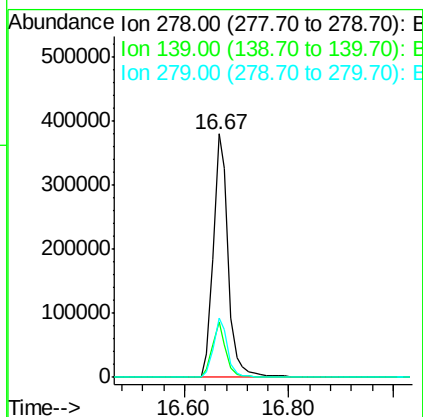
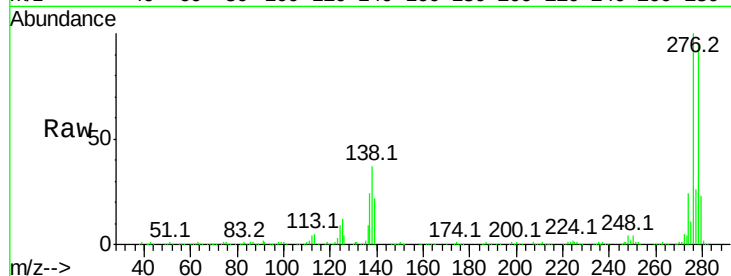
#90
Dibenzo(a,h)anthracene
Concen: 41.54 ng
RT: 16.67 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Instrument :
BNA_F
ClientSampled :
PB97501BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.9	14.8	22.2#
279	24.2	19.8	29.6

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#91
Benzo(g,h,i)perylene
Concen: 40.16 ng
RT: 17.08 min Scan# 1329
Delta R.T. -0.03 min
Lab File: BF093550.D
Acq: 11 Mar 2017 4:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	26.5	16.0	24.0#

