

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093336.D
 Acq On : 2 Mar 2017 22:23
 Operator : SJ/MA
 Sample : PB97297BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Manual Integrations
 APPROVED

mohammad
 3/3/2017 5:16:51 PM

Quant Time: Mar 03 01:20:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	152237	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	596962	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	284122	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	522026	20.00	ng	0.00
75) Chrysene-d12	13.97	240	411644	20.00	ng	-0.01
86) Perylene-d12	15.39	264	320925	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1164532	131.24	ng	0.00
7) Phenol-d6	6.45	99	1539874	134.87	ng	0.00
23) Nitrobenzene-d5	7.37	82	963254	89.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	290982	141.60	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1467751	93.59	ng	0.00
78) Terphenyl-d14	12.92	244	1337035	76.32	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	163609	34.12	ng	# 81
3) Pyridine	3.07	79	502115	41.18	ng	# 79
4) n-Nitrosodimethylamine	3.04	42	280220	48.95	ng	85
6) Aniline	6.46	93	465793	29.91	ng	87
8) 2-Chlorophenol	6.58	128	434001	44.33	ng	86
9) Benzaldehyde	6.34	77	123745	15.13	ng	82
10) Phenol	6.46	94	626650	46.91	ng	86
11) bis(2-Chloroethyl)ether	6.53	93	449287	42.14	ng	91
12) 1,3-Dichlorobenzene	6.73	146	470577	41.04	ng	# 88
13) 1,4-Dichlorobenzene	6.81	146	485914	41.87	ng	100
14) 1,2-Dichlorobenzene	6.97	146	453841	40.90	ng	96
15) Benzyl Alcohol	6.96	79	354832	41.98	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.08	45	755854	40.80	ng	91
17) 2-Methylphenol	7.07	107	369492	44.00	ng	98
18) Hexachloroethane	7.30	117	169401	42.76	ng	# 83
19) n-Nitroso-di-n-propylamine	7.22	70	321523	44.24	ng	96
20) 3+4-Methylphenols	7.23	107	484699	48.27	ng	# 76
22) Acetophenone	7.22	105	614170	45.06	ng	# 98
24) Nitrobenzene	7.39	77	514783	46.77	ng	98
25) Isophorone	7.63	82	933510	46.73	ng	94
26) 2-Nitrophenol	7.71	139	253902	48.52	ng	96
27) 2,4-Dimethylphenol	7.76	122	436775	47.53	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	613764	46.39	ng	99
29) 2,4-Dichlorophenol	7.96	162	388685	45.35	ng	96
30) 1,2,4-Trichlorobenzene	8.03	180	374484	40.55	ng	95
31) Naphthalene	8.11	128	1220456	40.33	ng	99
32) Benzoic acid	7.92	122	177934	36.24	ng	94
33) 4-Chloroaniline	8.17	127	316499	26.67	ng	94
34) Hexachlorobutadiene	8.22	225	201492	39.65	ng	100
35) Caprolactam	8.56	113	138034m	51.20	ng	
36) 4-Chloro-3-methylphenol	8.67	107	413382	46.26	ng	97
37) 2-Methylnaphthalene	8.81	142	837624	43.11	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	384525	48.21	ng	99
40) Hexachlorocyclopentadiene	8.96	237	216008	60.03	ng	96

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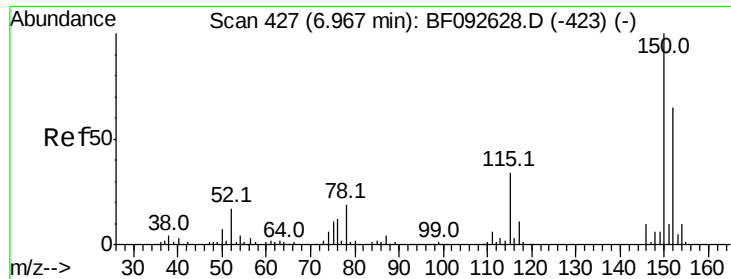
Manual Integrations
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 3/3/2017 5:16:51 PM

Quant Time: Mar 03 01:20:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	244900	46.73	nq	90
43) 2,4,5-Trichlorophenol	9.15	196	253102	44.08	nq #	85
45) 1,1'-Biphenyl	9.28	154	1037063	50.41	nq	99
46) 2-Chloronaphthalene	9.30	162	773037	48.03	nq	97
47) 2-Nitroaniline	9.40	65	276437	51.09	nq	87
48) Acenaphthylene	9.71	152	1186825	42.69	nq	99
49) Dimethylphthalate	9.58	163	986093	51.53	nq	100
50) 2,6-Dinitrotoluene	9.65	165	232811	56.33	nq	96
51) Acenaphthene	9.88	154	709226	42.67	nq	96
52) 3-Nitroaniline	9.82	138	166065	35.11	nq	83
53) 2,4-Dinitrophenol	9.94	184	229841	107.58	nq #	48
54) Dibenzofuran	10.06	168	1068548	48.06	nq	93
55) 4-Nitrophenol	10.01	139	216220	63.47	nq	91
56) 2,4-Dinitrotoluene	10.06	165	271248	49.30	nq	95
57) Fluorene	10.41	166	866541	50.66	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	217118	56.68	nq	92
59) Diethylphthalate	10.28	149	882968	48.96	nq	99
60) 4-Chlorophenyl-phenylether	10.40	204	392578	47.77	nq #	86
61) 4-Nitroaniline	10.44	138	228588	47.19	nq	94
62) Azobenzene	10.56	77	1096243	58.83	nq	97
64) 4,6-Dinitro-2-methylphenol	10.48	198	152882	48.11	nq #	50
65) n-Nitrosodiphenylamine	10.52	169	793286	47.57	nq	99
66) 4-Bromophenyl-phenylether	10.89	248	237738	43.59	nq #	89
67) Hexachlorobenzene	10.96	284	229846	42.65	nq #	93
68) Atrazine	11.06	200	251357	46.97	nq	90
69) Pentachlorophenol	11.16	266	180201	66.14	nq	99
70) Phenanthrene	11.37	178	1156521	38.67	nq	99
71) Anthracene	11.42	178	1345186	44.79	nq	99
72) Carbazole	11.58	167	1275730	44.44	nq	98
73) Di-n-butylphthalate	11.90	149	1427910	45.99	nq #	98
74) Fluoranthene	12.56	202	1292237	41.89	nq	97
76) Benzidine	12.68	184	506741	28.89	nq	96
77) Pyrene	12.78	202	1317265	42.76	nq	99
79) Butylbenzylphthalate	13.39	149	615953	49.24	nq	99
80) Benzo(a)anthracene	13.96	228	1069453	42.48	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	260062	28.98	nq #	98
82) Chrysene	14.01	228	1053523	44.69	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	911231	53.26	nq #	96
84) Di-n-octyl phthalate	14.56	149	1418708	50.92	nq	97
85) Indeno(1,2,3-cd)pyrene	16.79	276	744234	40.76	nq #	93
87) Benzo(b)fluoranthene	14.99	252	894429m	42.34	nq	
88) Benzo(k)fluoranthene	15.01	252	835925m	45.83	nq	
89) Benzo(a)pyrene	15.33	252	805131	44.06	nq #	97
90) Dibenzo(a,h)anthracene	16.80	278	625900	42.38	nq	98
91) Benzo(g,h,i)perylene	17.20	276	649071	43.51	nq #	90

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



#1

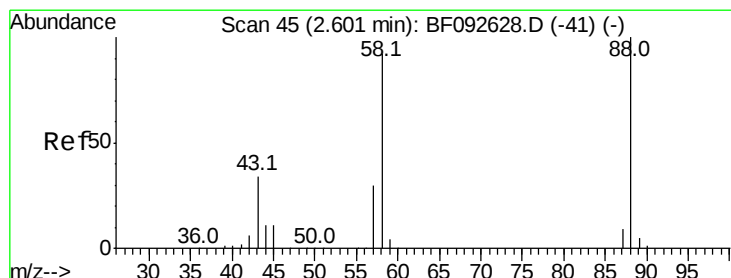
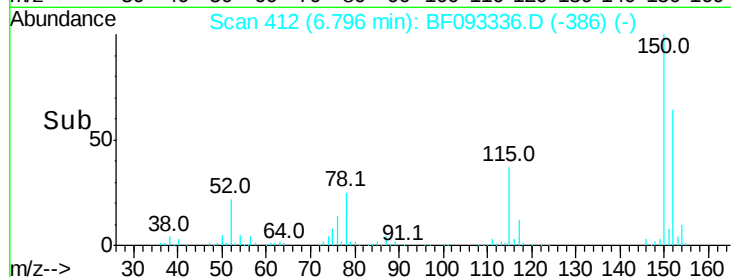
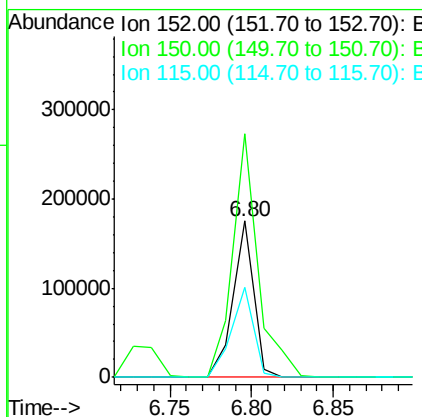
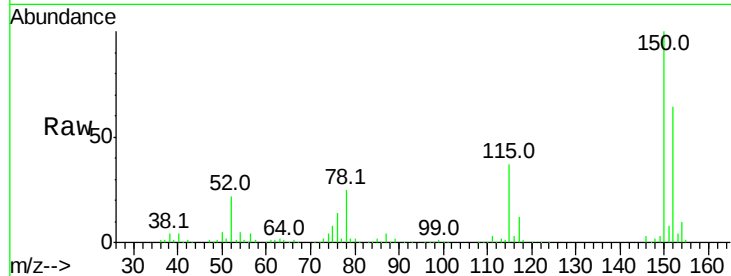
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.9	187.3
115	57.4	46.0	69.0

Manual Integrations
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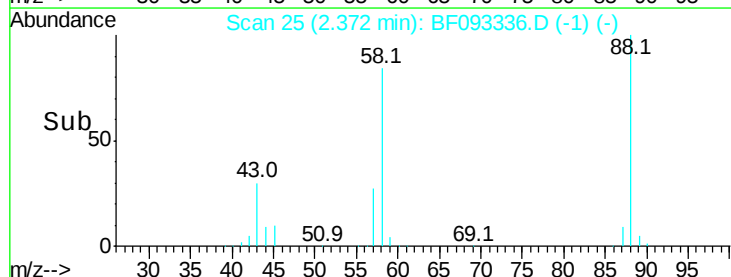
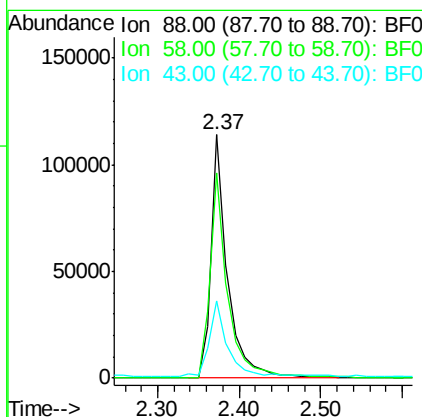
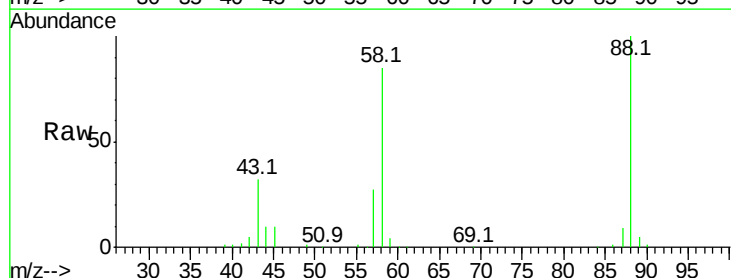
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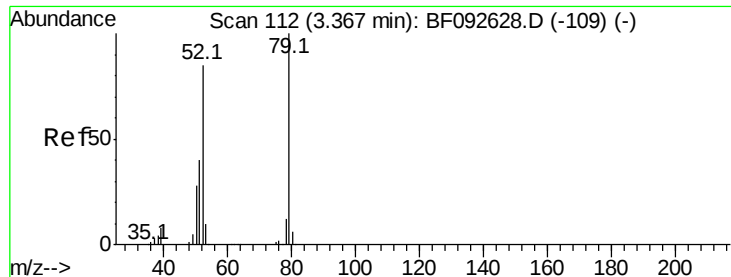


#2

1,4-Dioxane
Concen: 34.12 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.06 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.1	57.8	86.8#
43	33.4	22.3	33.5





#3

Pvridine

Concen: 41.18 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.06 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

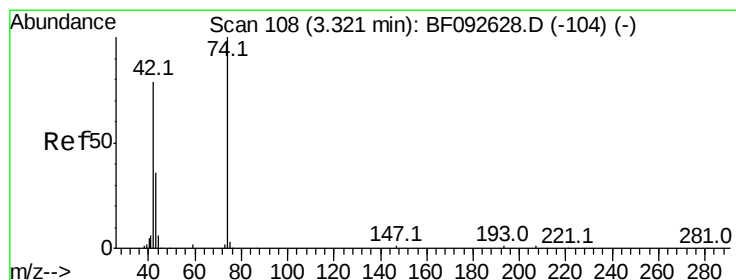
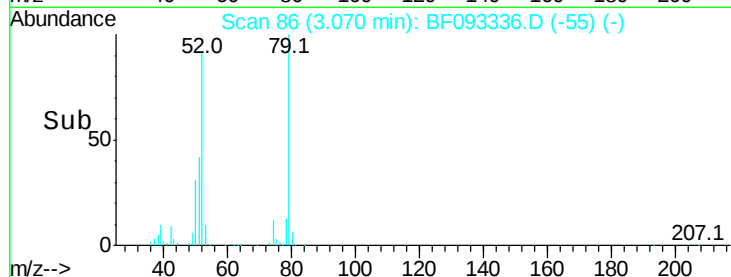
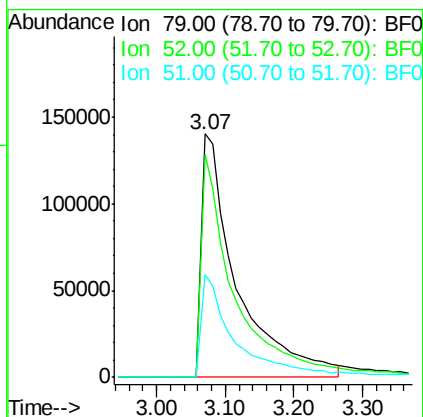
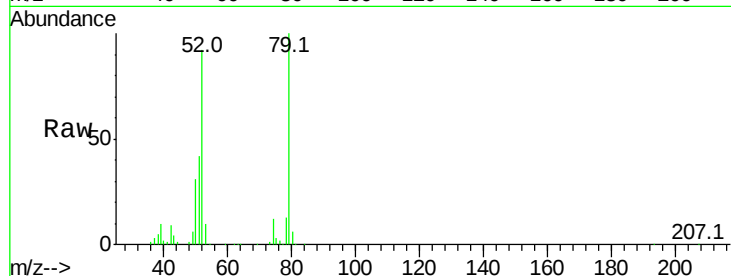
ClientSampleId :

PB97297BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	91.6	57.1	85.7#
51	42.1	27.3	40.9#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.95 ng

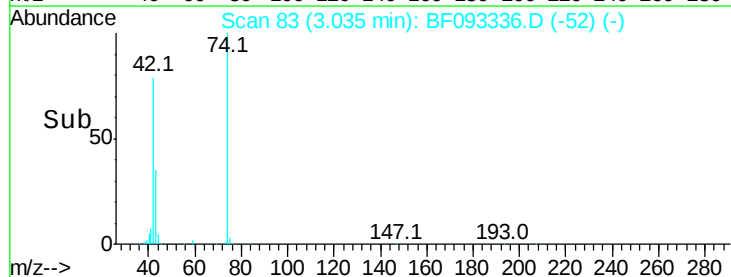
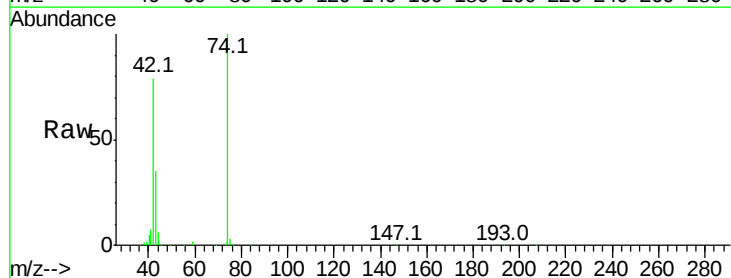
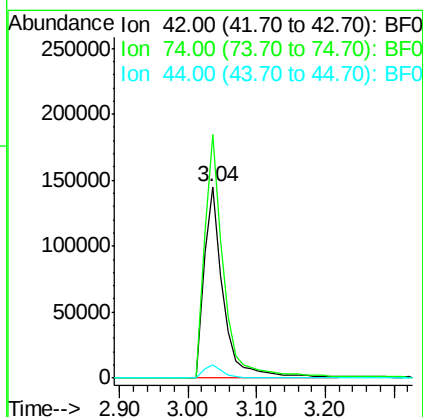
RT: 3.04 min Scan# 83

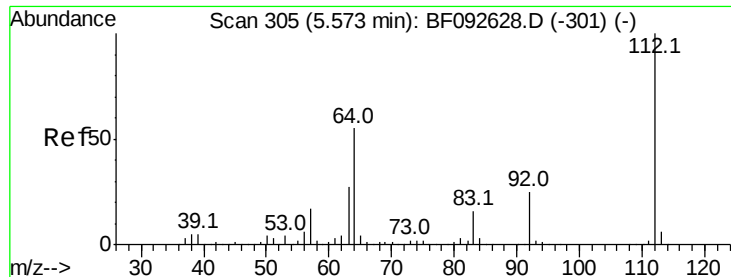
Delta R.T. 0.06 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	127.1	117.0	175.4
44	7.0	5.5	8.3





#5

2-Fluorophenol

Concen: 131.24 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

Tot Ion: 112 Resp: 1164532

Ion Ratio Lower Upper

112 100

64 70.9 46.1 69.1#

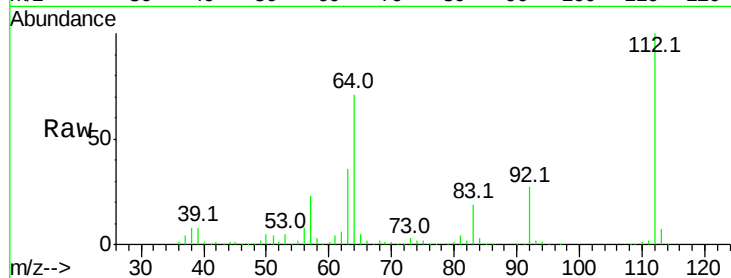
63 36.1 23.8 35.6#

Manual Integrations

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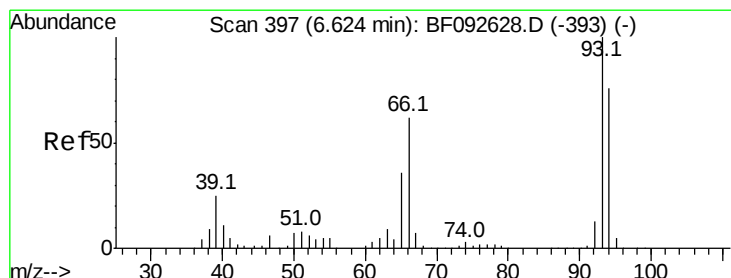
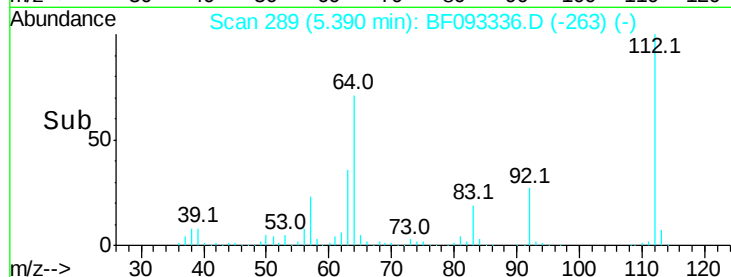
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.39

Time-->



#6

Aniline

Concen: 29.91 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

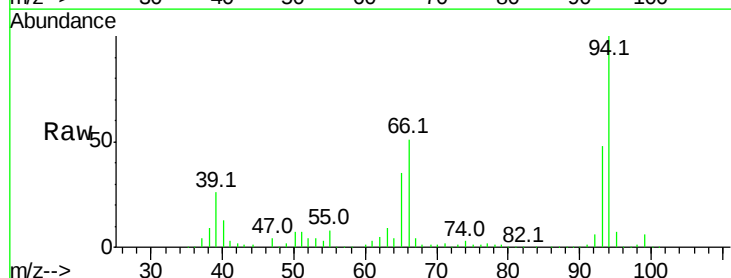
Tgt Ion: 93 Resp: 465793

Ion Ratio Lower Upper

93 100

66 106.4 76.2 114.2

65 72.8 49.3 73.9



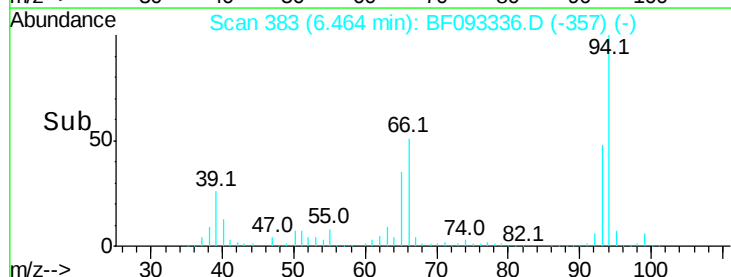
Abundance Ion 93.00 (92.70 to 93.70): BF0

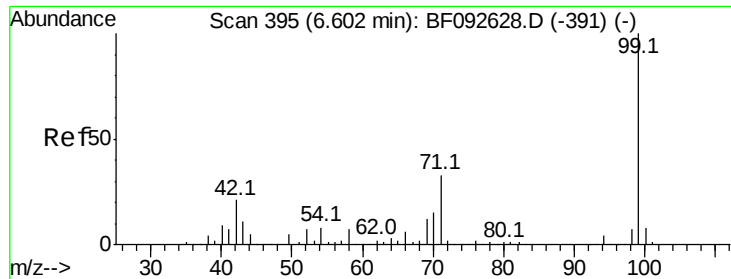
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

6.46

Time-->





#7

Phenol-d6

Concen: 134.87 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampled :

PB97297BS

Tot Ion: 99 Resp: 1539874

Ion Ratio Lower Upper

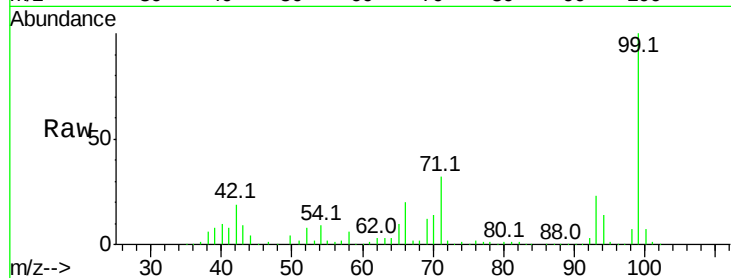
99 100

42 18.6 15.6 23.4

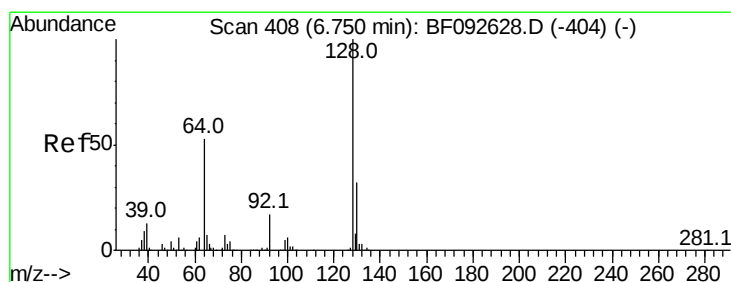
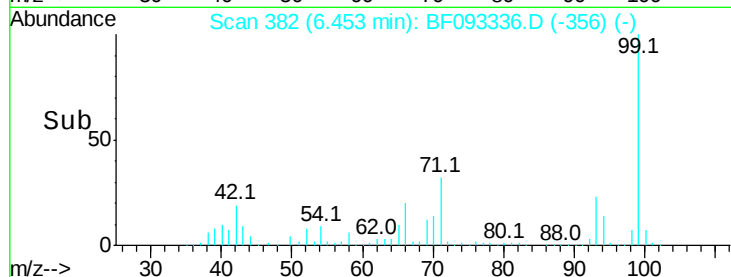
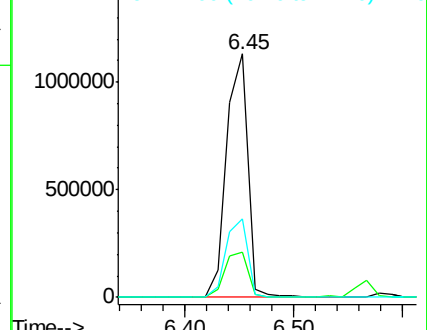
71 32.1 27.5 41.3

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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: 44.33 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

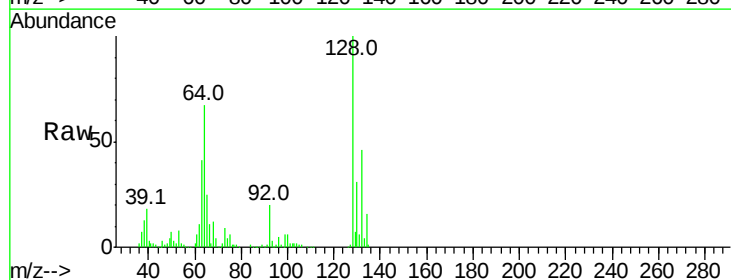
Tgt Ion: 128 Resp: 434001

Ion Ratio Lower Upper

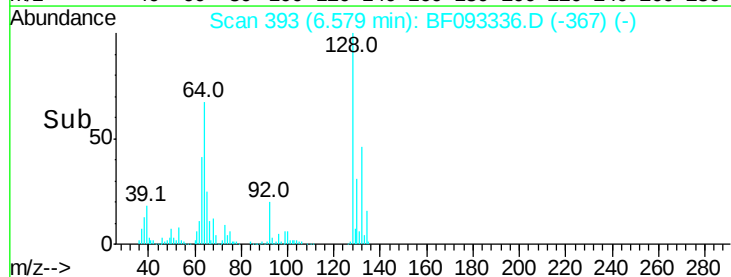
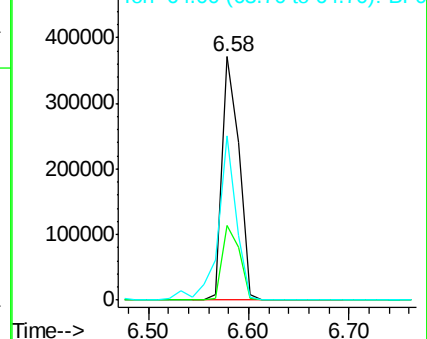
128 100

130 30.7 12.3 52.3

64 67.4 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





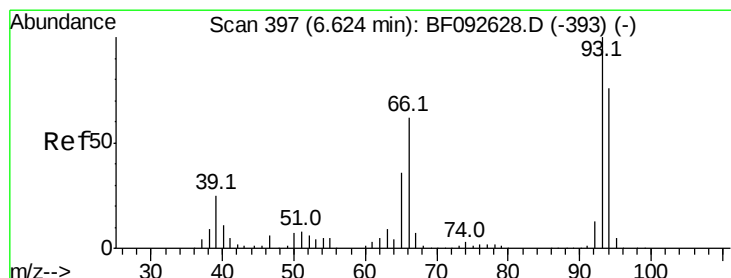
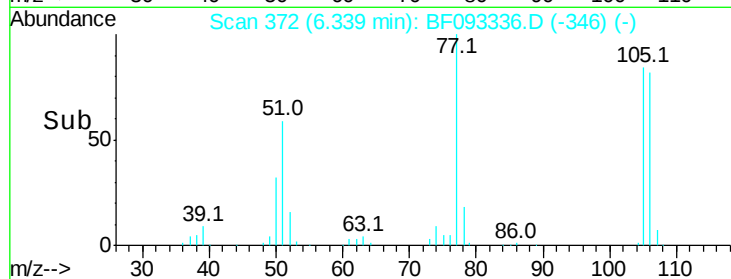
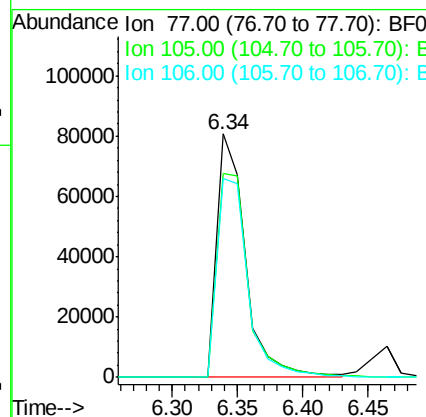
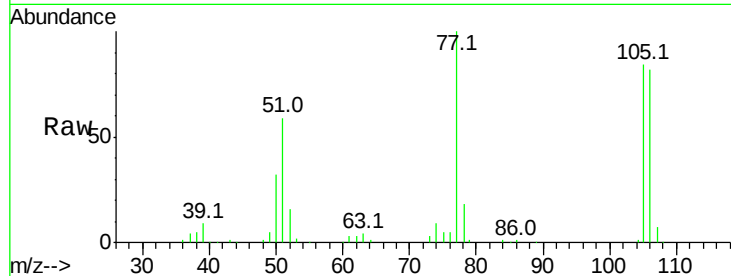
#9
Benzaldehyde
Concen: 15.13 ng
RT: 6.34 min Scan# 372
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampled :
PB97297BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	84.0	83.9	123.9
106	81.8	77.6	117.6

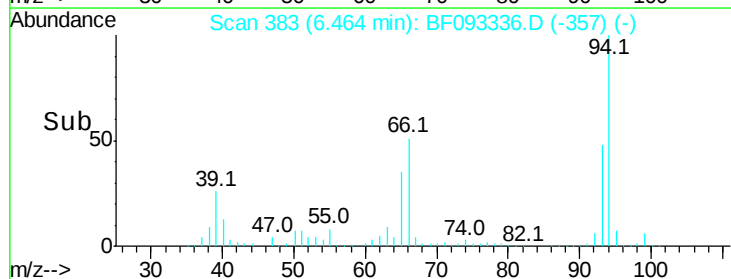
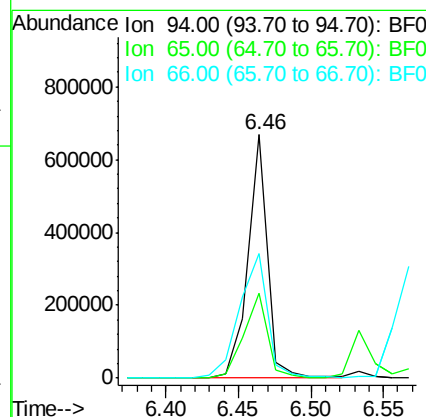
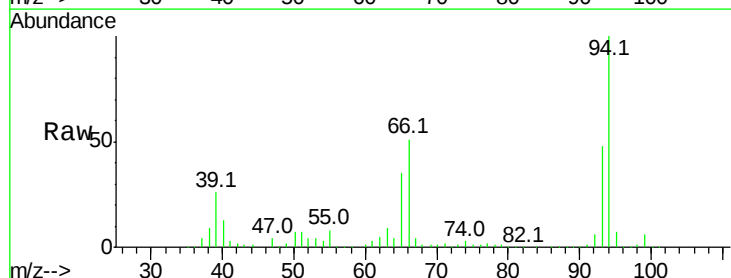
Manual Integrations
APPROVED

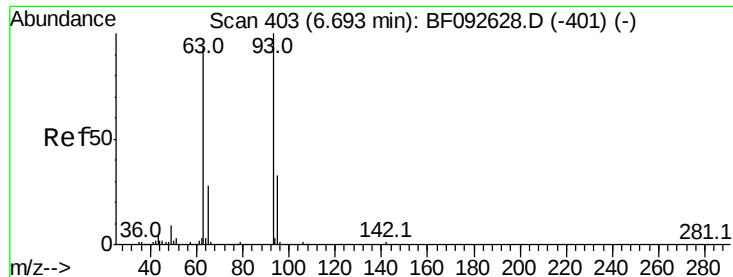
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#10
Phenol
Concen: 46.91 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.0	21.4	61.4
66	51.1	44.0	84.0





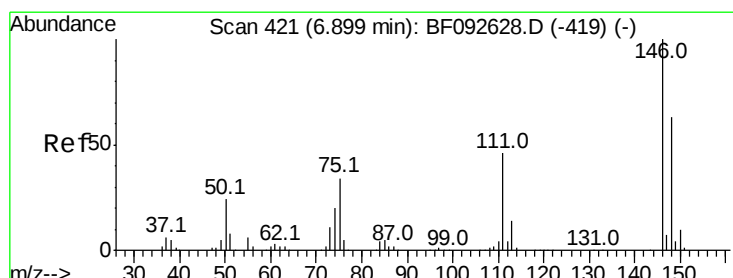
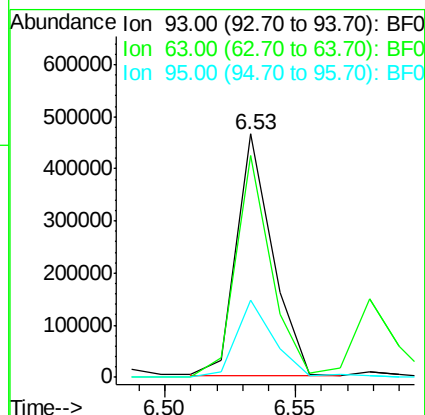
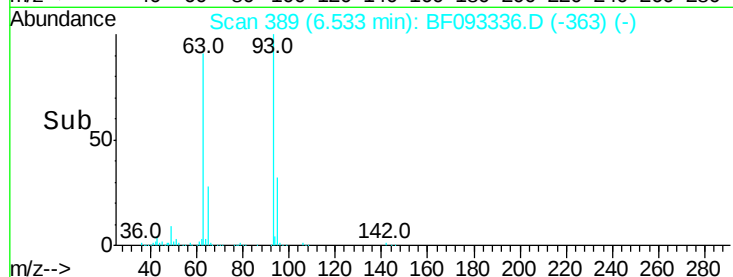
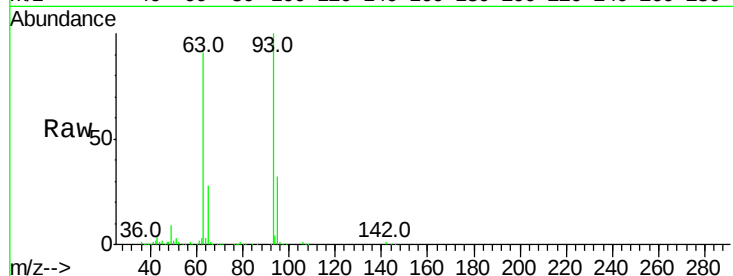
#11
bis(2-Chloroethyl)ether
Concen: 42.14 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.9	60.4	100.4
95	31.9	12.8	52.8

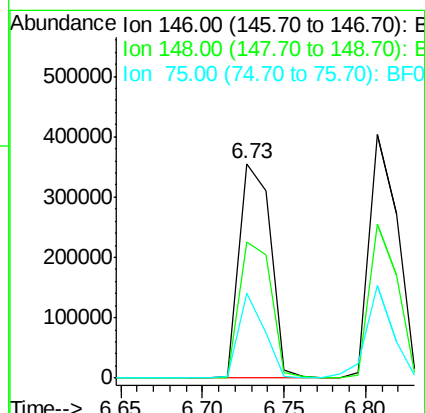
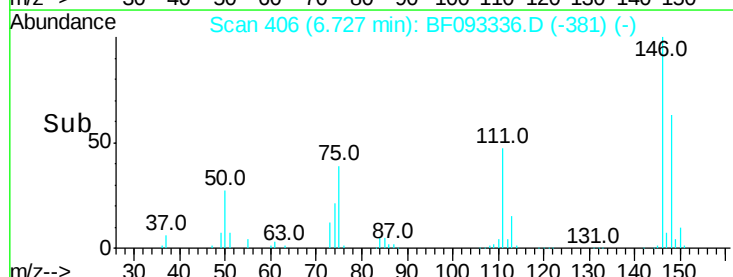
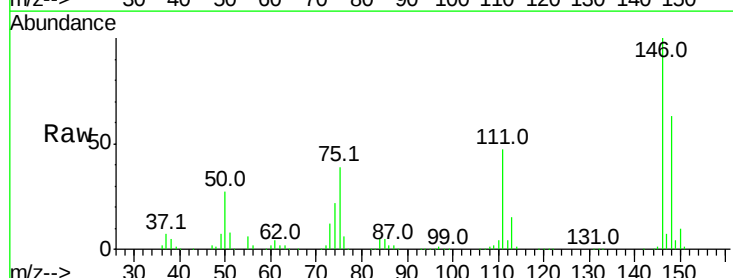
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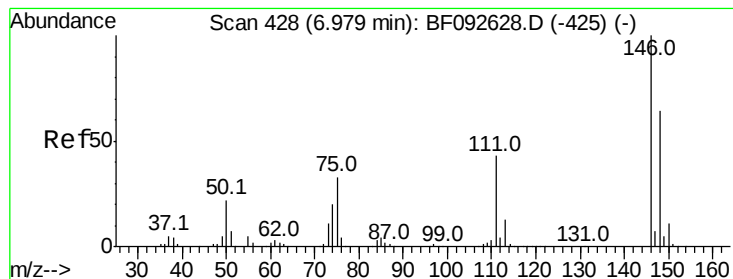
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.04 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	53.4	80.0
75	39.4	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 41.87 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

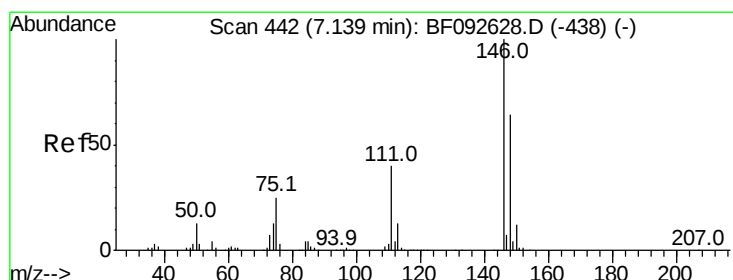
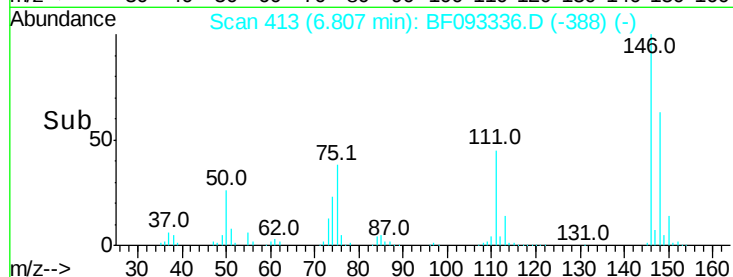
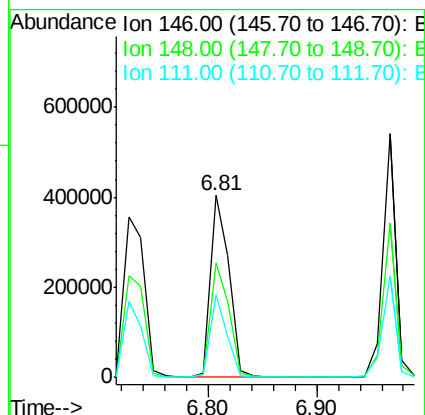
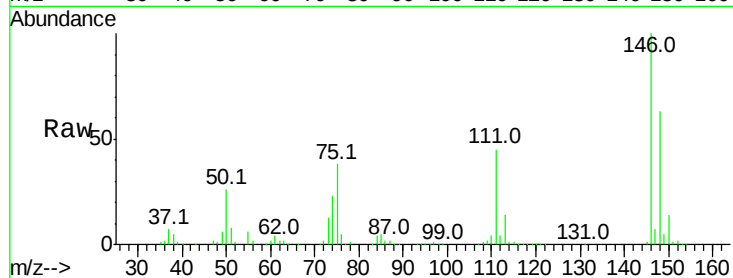
ClientSampleId :

PB97297BS

Tot Ion:	146	Resp:	485914
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	76.0
111	45.3	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 40.90 ng

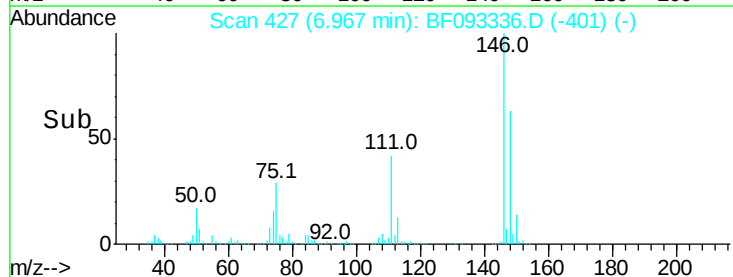
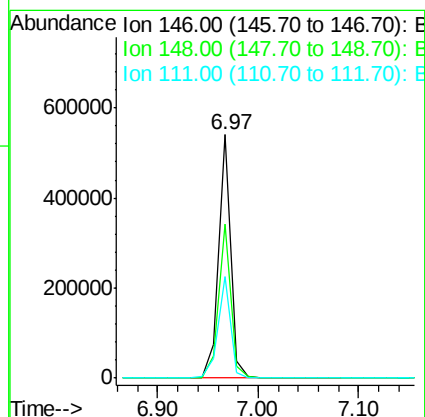
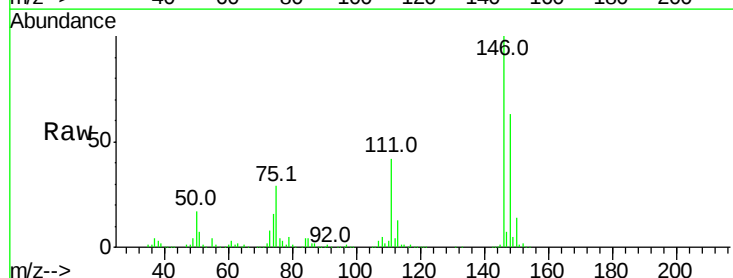
RT: 6.97 min Scan# 427

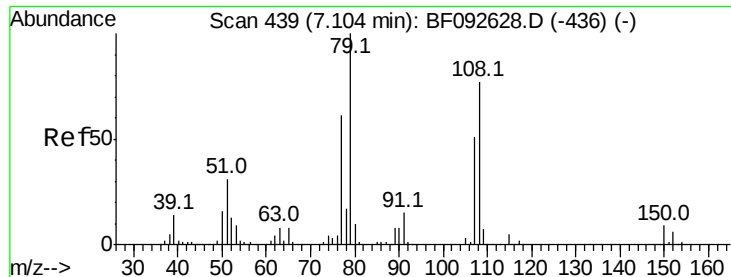
Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Tgt Ion:	146	Resp:	453841
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.2	78.2
111	41.7	36.2	54.2





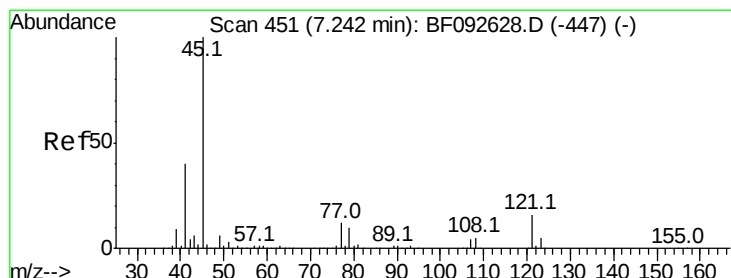
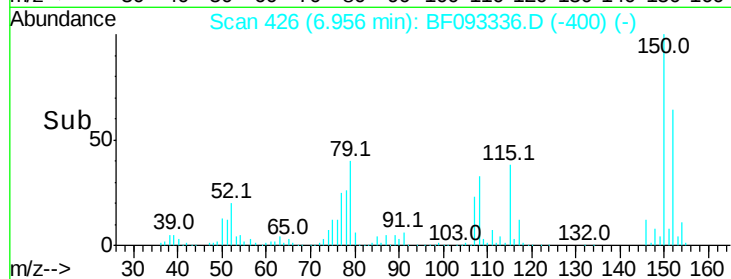
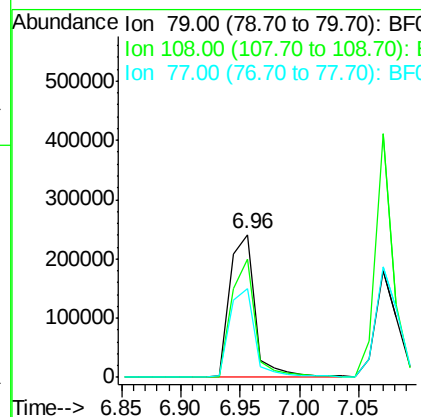
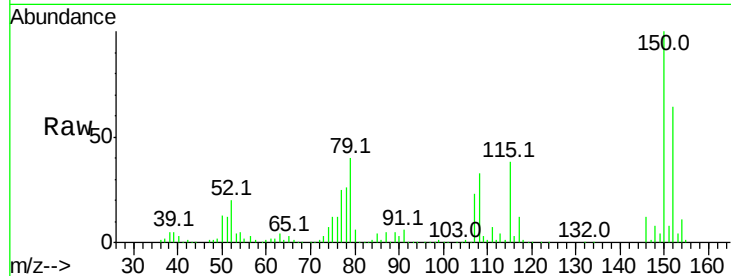
#15
Benzyl Alcohol
Concen: 41.98 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampled :
PB97297BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.5	61.4	92.0
77	62.4	50.9	76.3

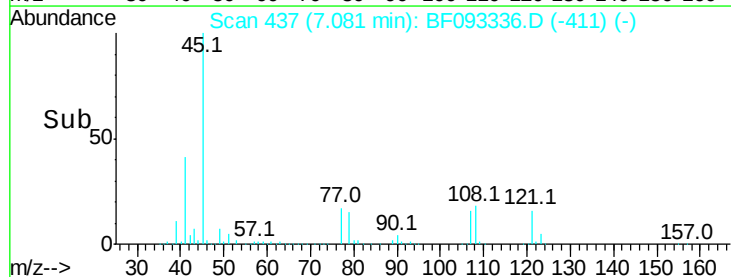
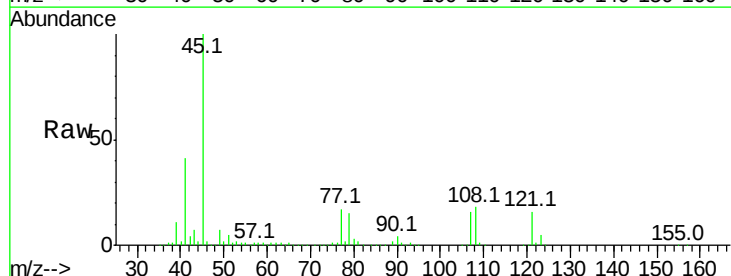
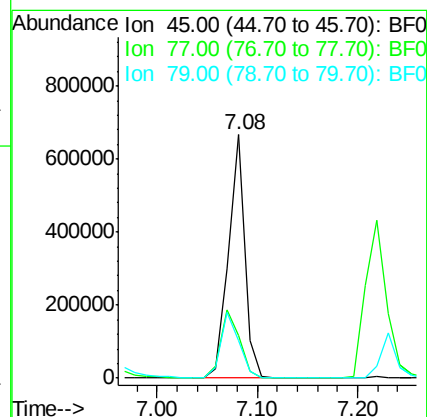
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.80 ng
RT: 7.08 min Scan# 437
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	34.6
79	15.4	0.0	31.2





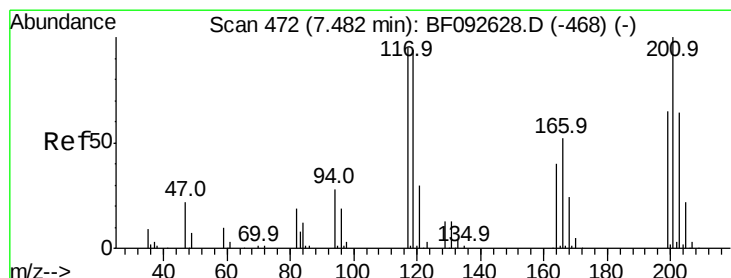
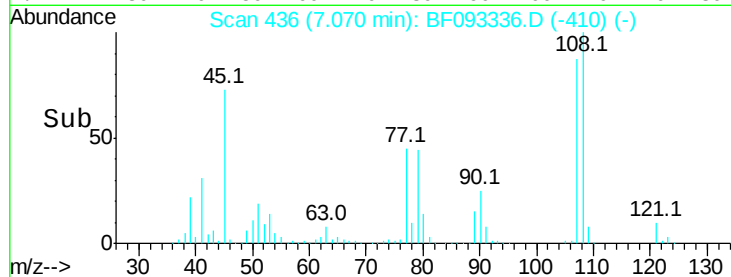
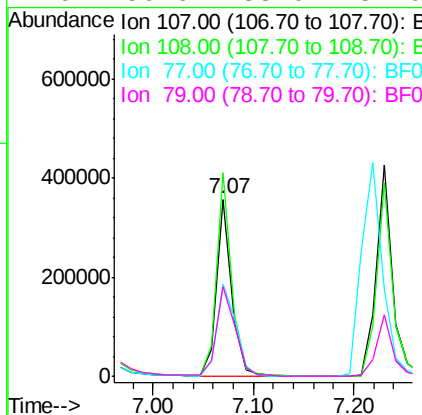
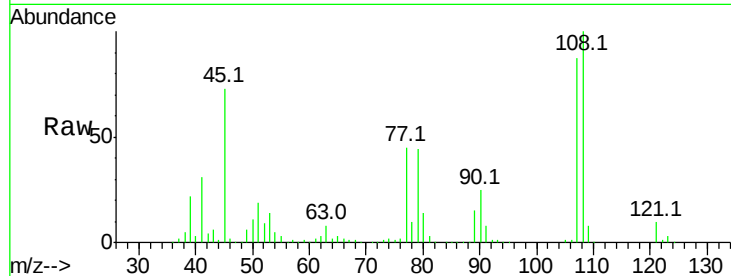
#17
2-Methylphenol
Concen: 44.00 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	369492		
108	115.2	93.0	139.6	
77	52.3	39.8	59.8	
79	50.6	38.0	57.0	

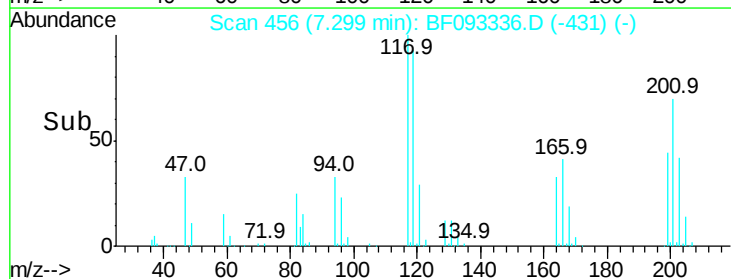
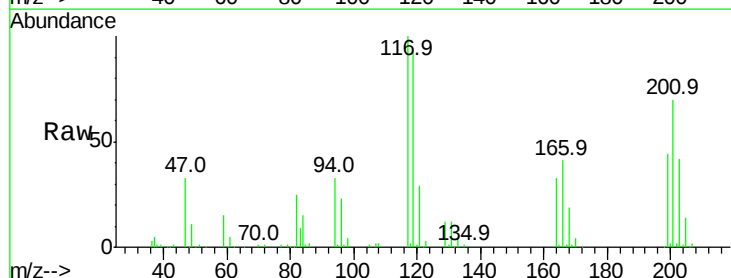
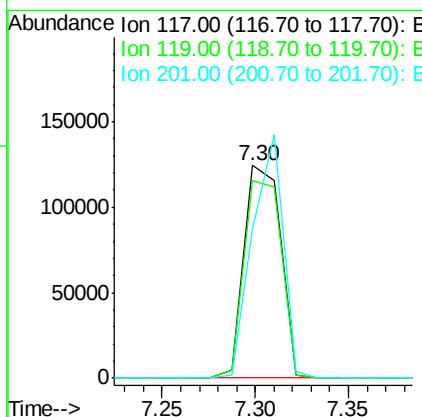
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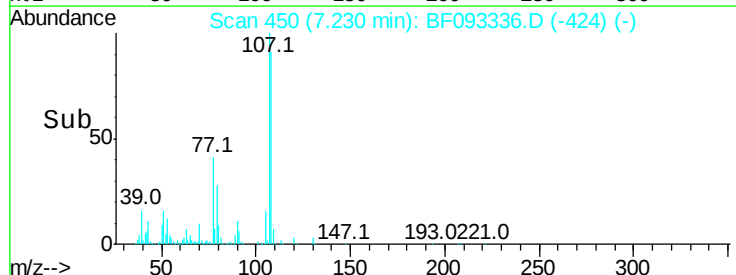
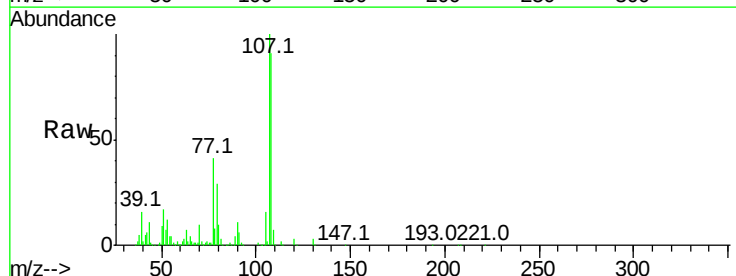
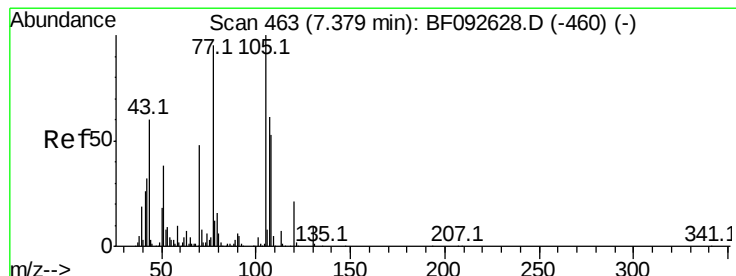
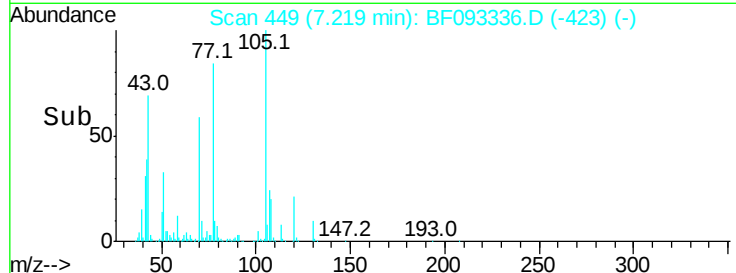
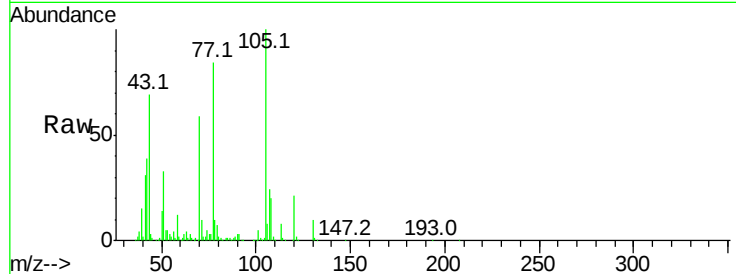
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#18
Hexachloroethane
Concen: 42.76 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	169401		
119	92.6	78.1	117.1	
201	69.8	78.6	117.8#	





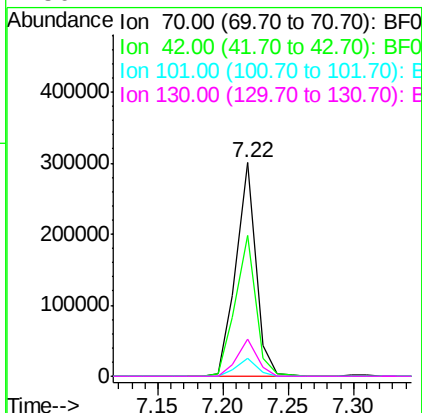
#19
n-Nitroso-di-n-propylamine
Concen: 44.24 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.8	49.4	74.0
101	8.5	7.4	11.2
130	17.2	14.2	21.4

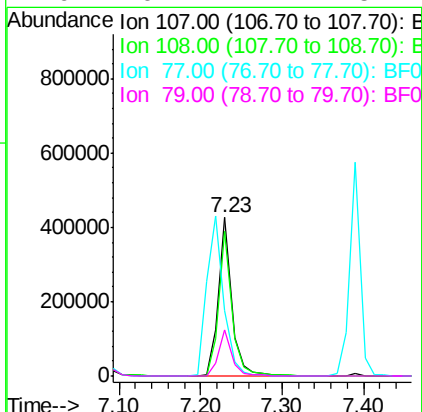
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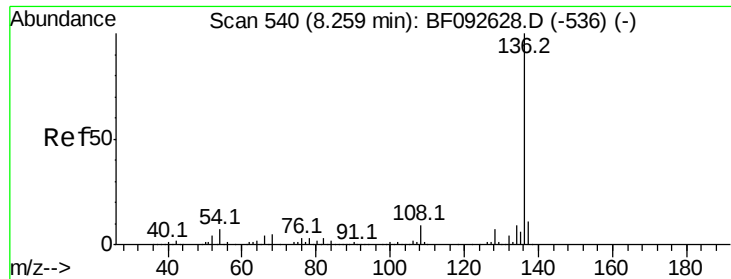
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#20
3+4-Methylphenols
Concen: 48.27 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	73.0	113.0
77	41.1	71.3	111.3
79	29.1	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

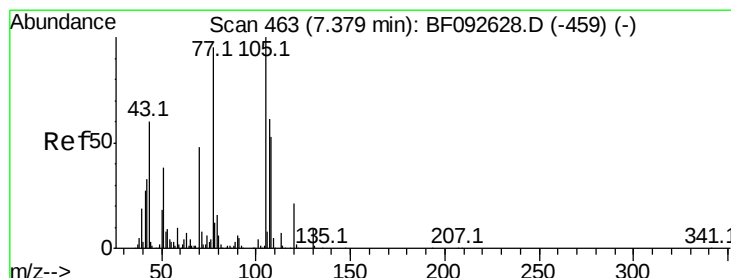
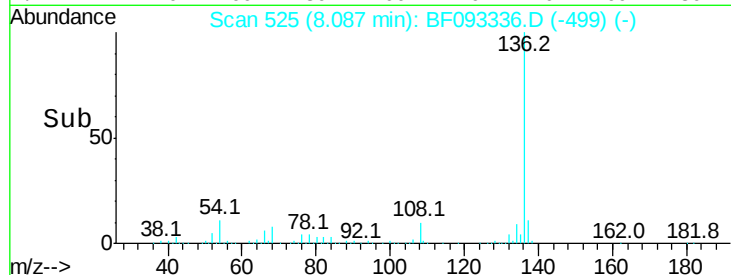
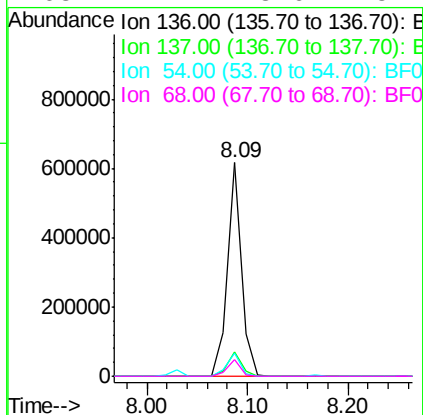
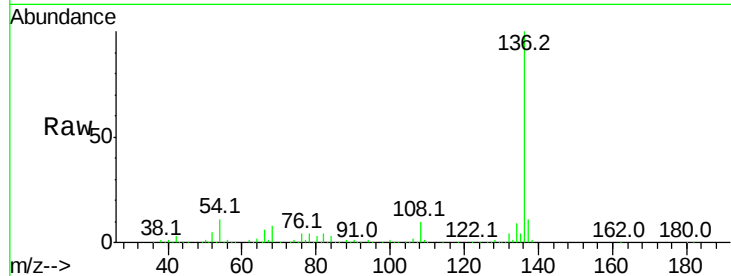
ClientSampleId :

PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	596962		
137	11.2	8.4	12.6	
54	11.0	4.5	6.7#	
68	7.7	3.6	5.4#	

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#22

Acetophenone

Concen: 45.06 ng

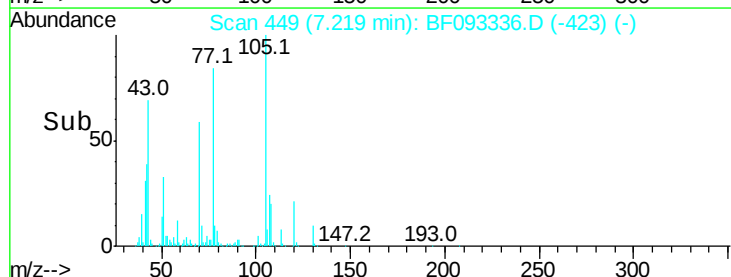
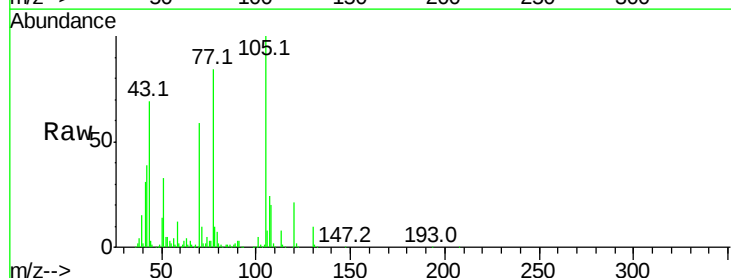
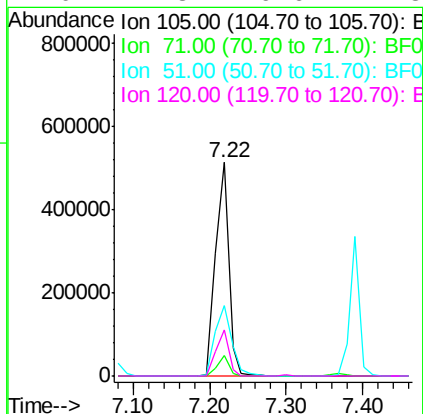
RT: 7.22 min Scan# 449

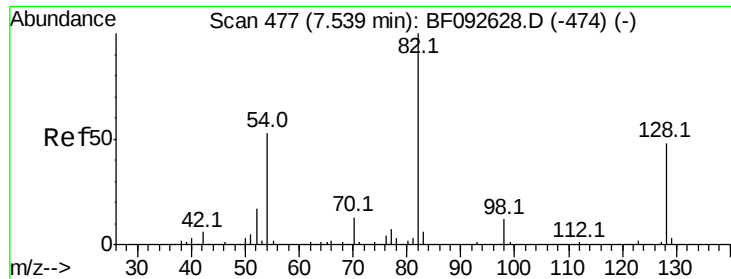
Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	614170		
71	9.6	3.2	4.8#	
51	32.8	26.2	39.4	
120	21.3	16.6	24.8	





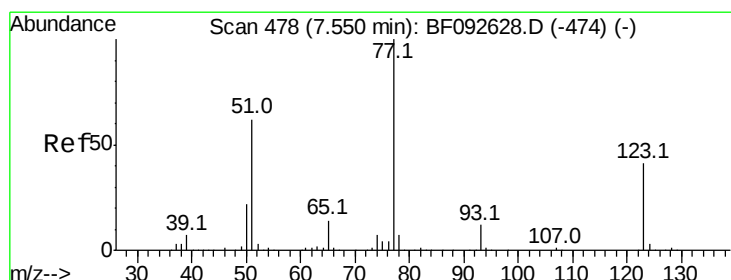
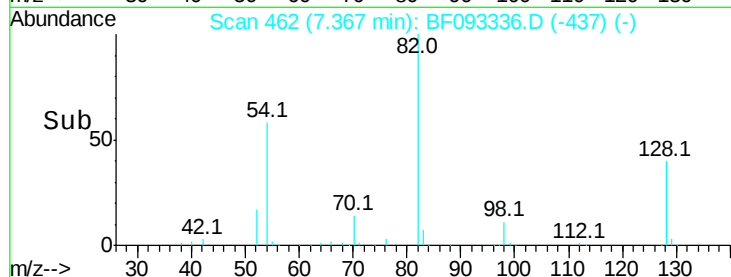
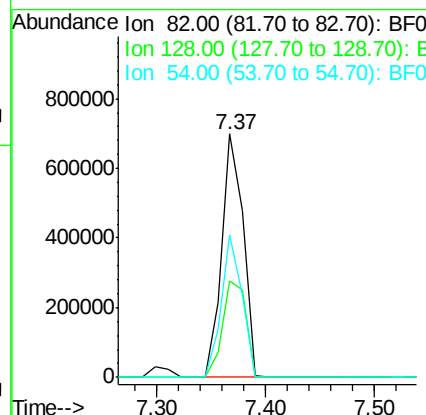
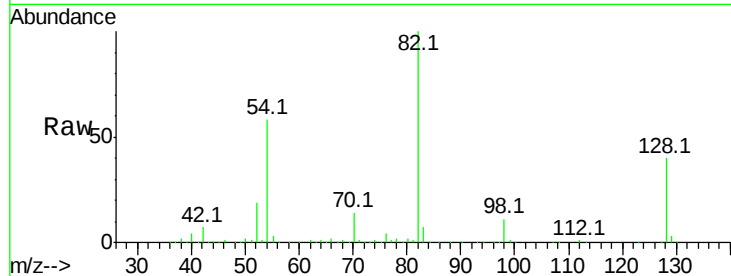
#23
 Nitrobenzene-d5
 Concen: 89.86 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.7	34.6	52.0	
54	58.3	39.5	59.3	

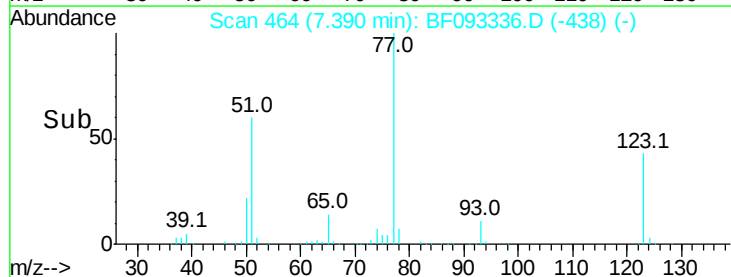
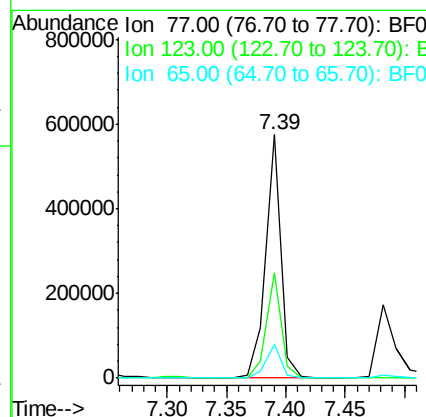
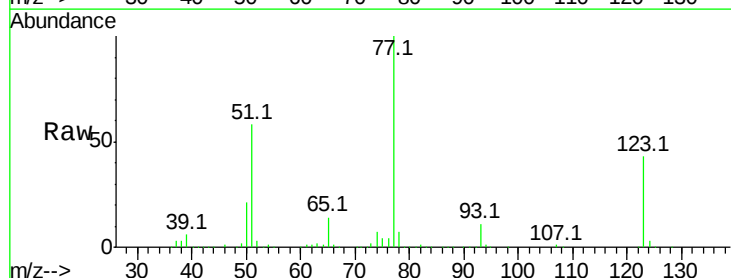
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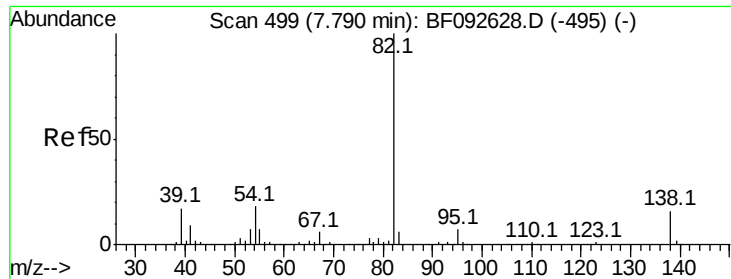
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#24
 Nitrobenzene
 Concen: 46.77 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.2	33.0	49.4	
65	14.0	11.2	16.8	





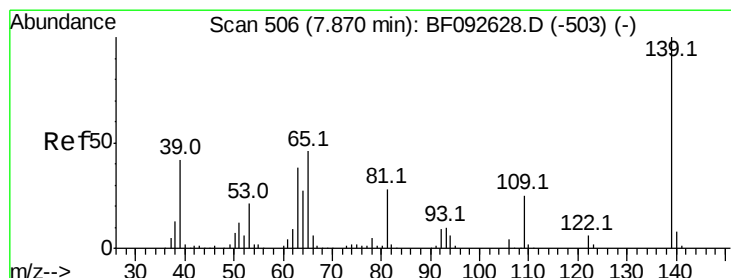
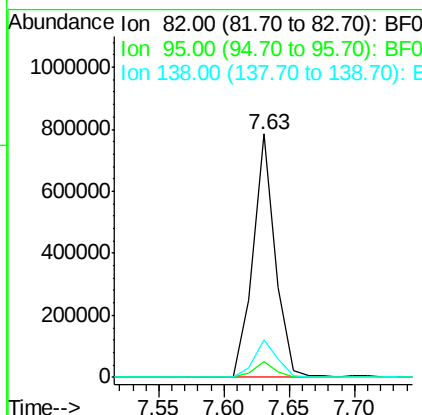
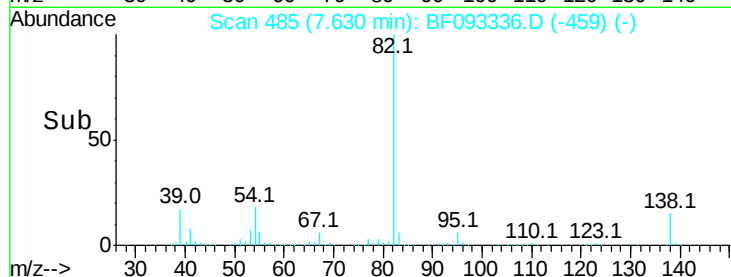
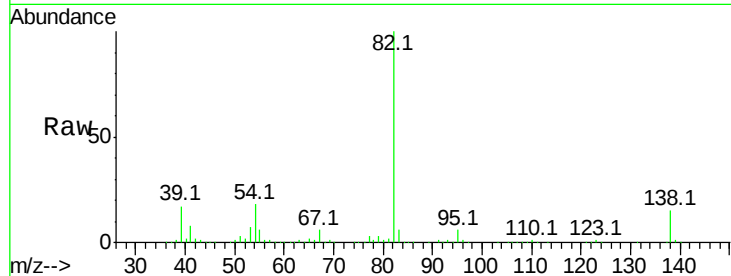
#25
Isophorone
Concen: 46.73 ng
RT: 7.63 min Scan# 485
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	6.3	5.6	8.4	
138	15.2	14.6	22.0	

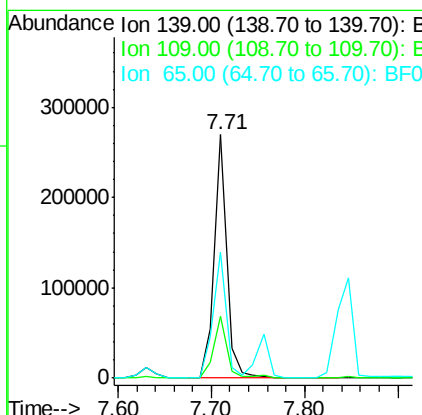
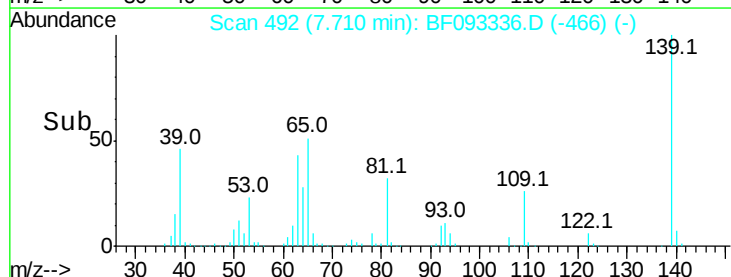
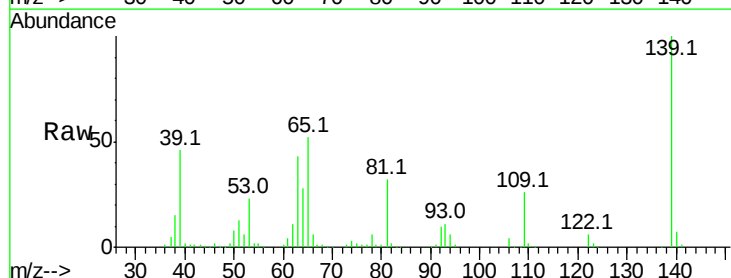
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#26
2-Nitrophenol
Concen: 48.52 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	25.7	23.3	34.9	
65	51.7	42.7	64.1	





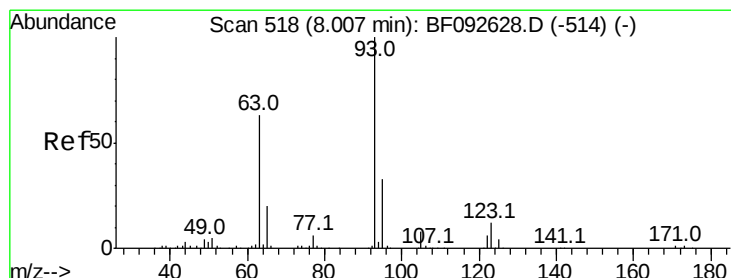
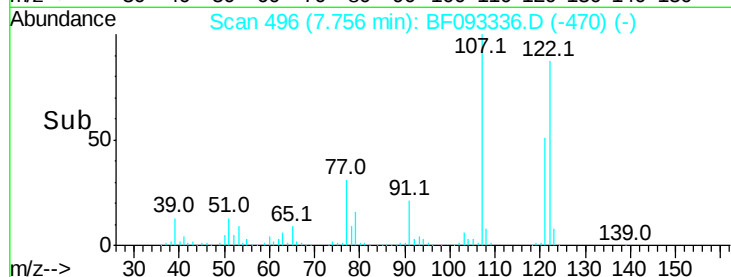
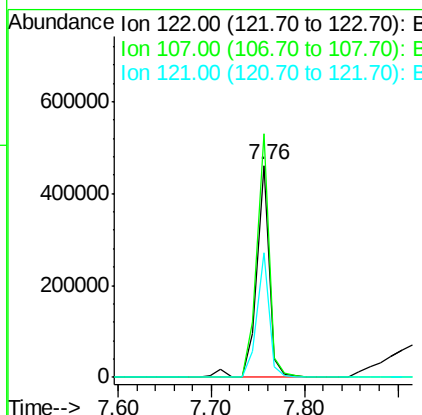
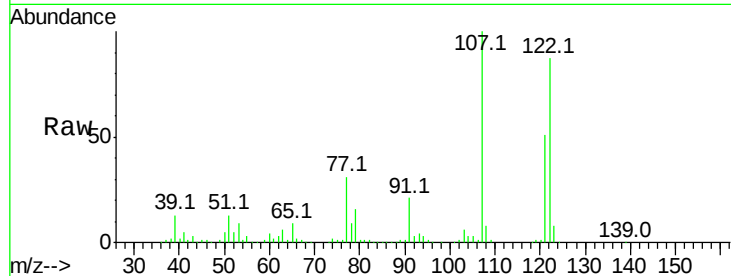
#27
2,4-Dimethylphenol
Concen: 47.53 ng
RT: 7.76 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.0	94.1	141.1
121	58.7	46.0	69.0

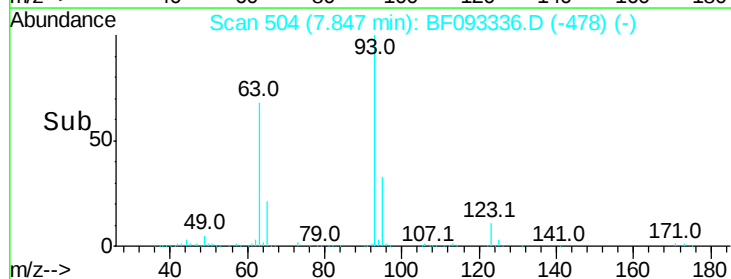
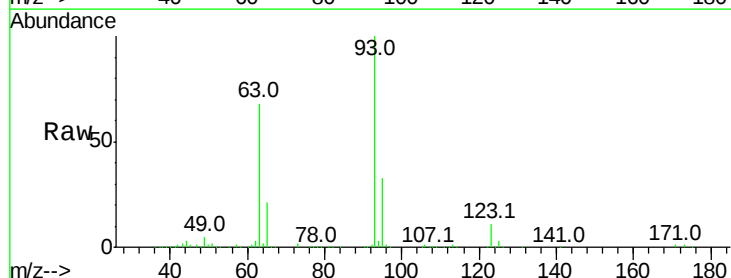
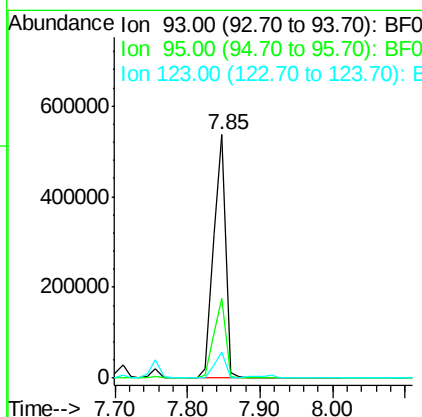
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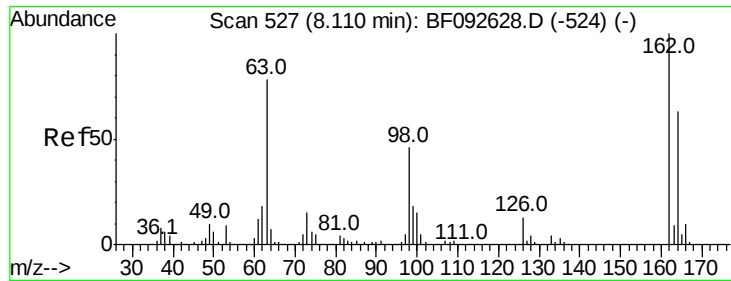
mohammad
3/3/2017 5:16:51 PM



#28
bis(2-Chloroethoxy)methane
Concen: 46.39 ng
RT: 7.85 min Scan# 504
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.5	39.7
123	10.5	8.6	13.0





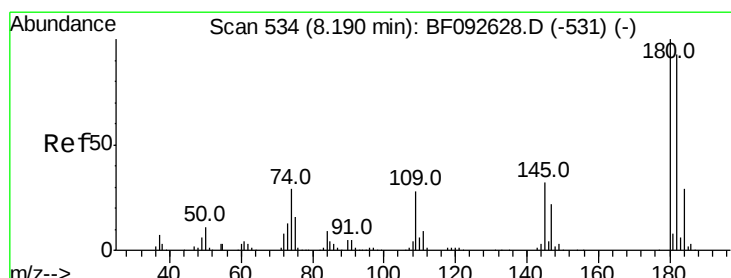
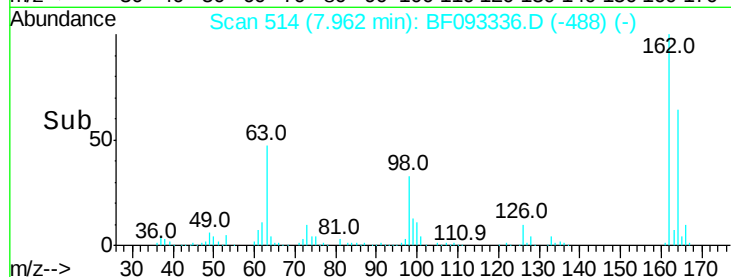
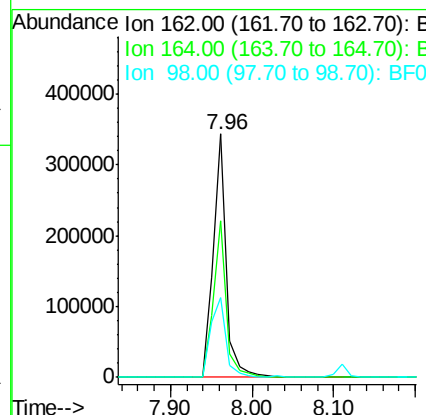
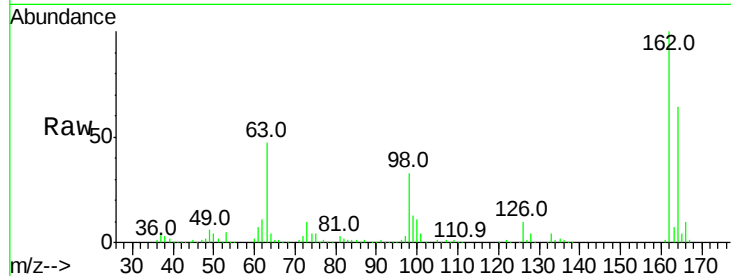
#29
2,4-Dichlorophenol
Concen: 45.35 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	388685		
164	64.4	46.8	86.8	
98	32.8	9.1	49.1	

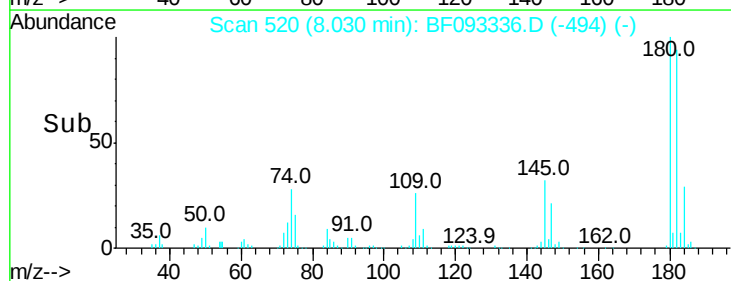
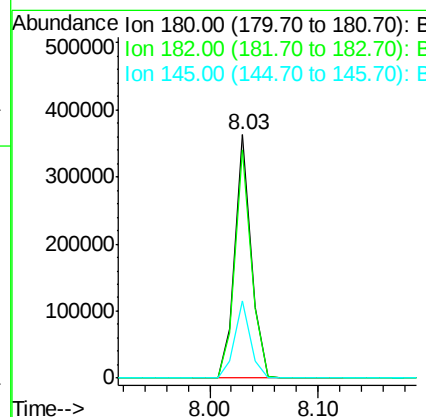
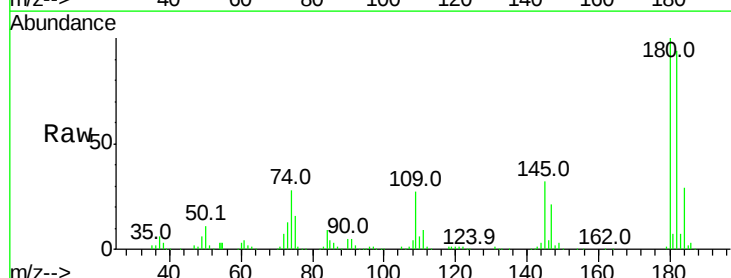
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#30
1,2,4-Trichlorobenzene
Concen: 40.55 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	374484		
182	93.6	78.2	117.4	
145	31.8	21.6	32.4	





#31

Naphthalene

Concen: 40.33 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

Tot Ion:128 Resp: 1220456

Ion Ratio Lower Upper

128 100

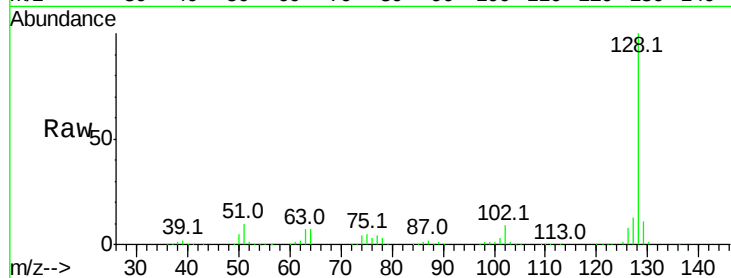
129 11.4 9.5 14.3

127 13.3 10.8 16.2

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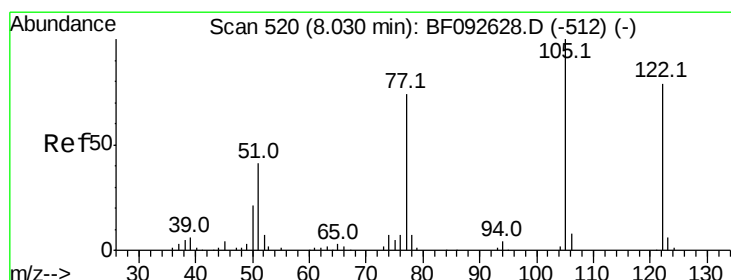
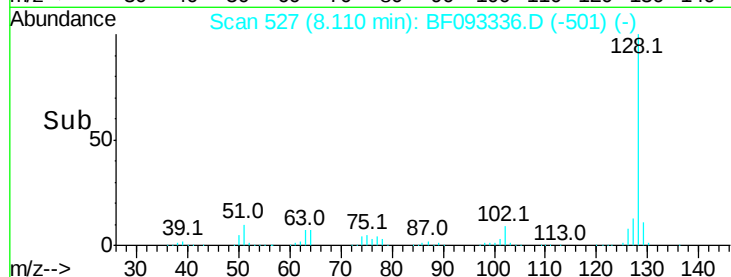
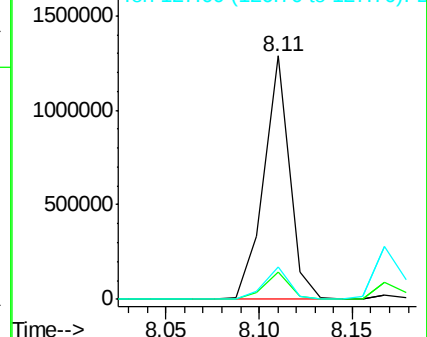
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.24 ng

RT: 7.92 min Scan# 510

Delta R.T. 0.01 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

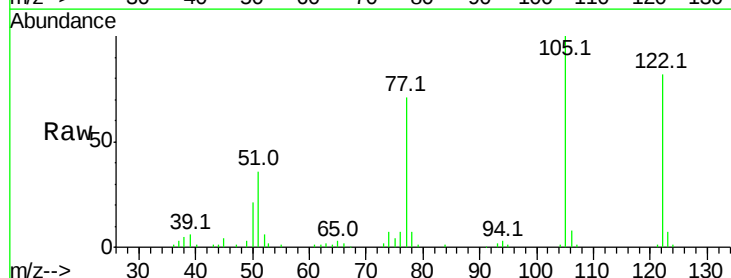
Tgt Ion:122 Resp: 177934

Ion Ratio Lower Upper

122 100

105 121.5 107.2 147.2

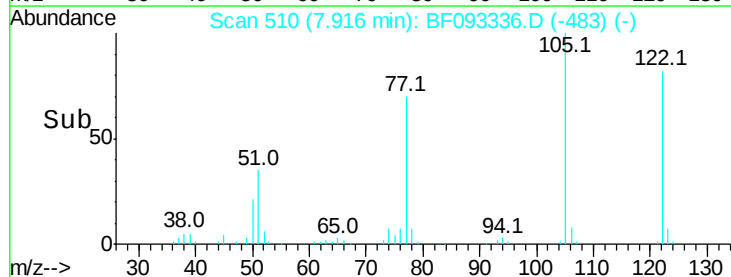
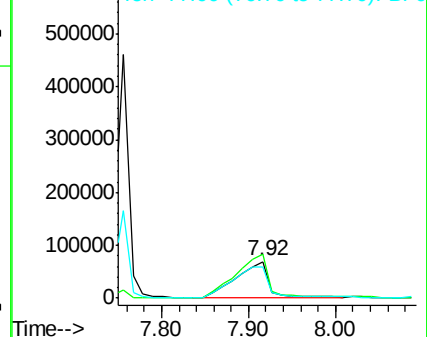
77 86.3 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





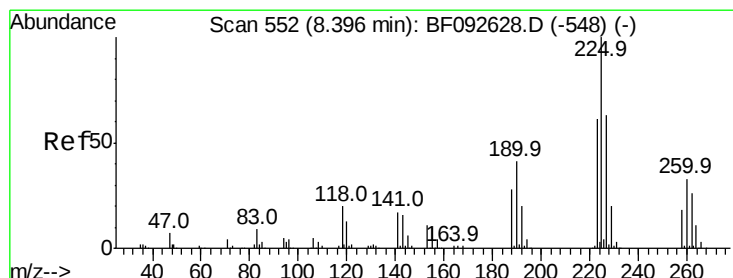
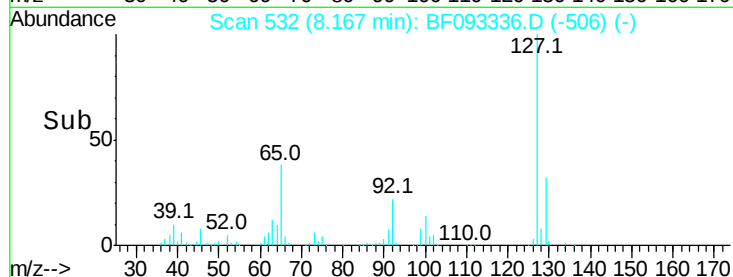
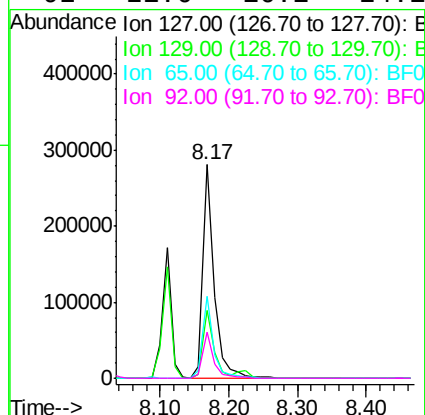
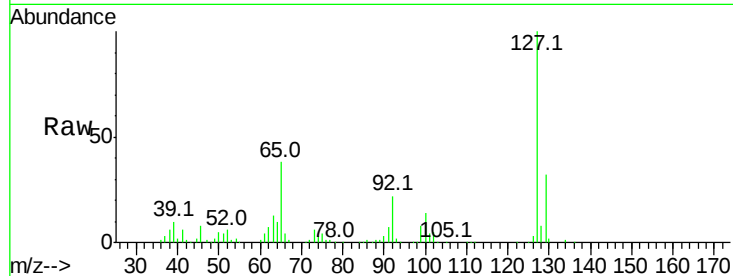
#33
4-Chloroaniline
Concen: 26.67 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.6	26.3	39.5	
65	38.4	25.8	38.8	
92	21.6	16.1	24.1	

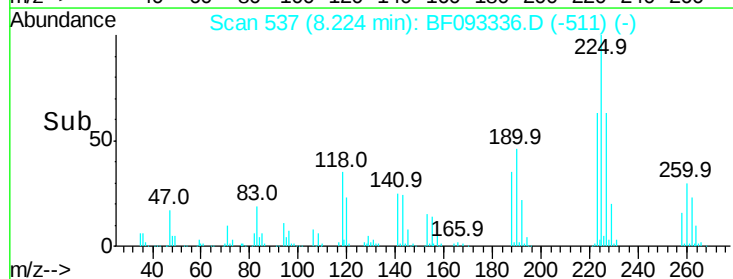
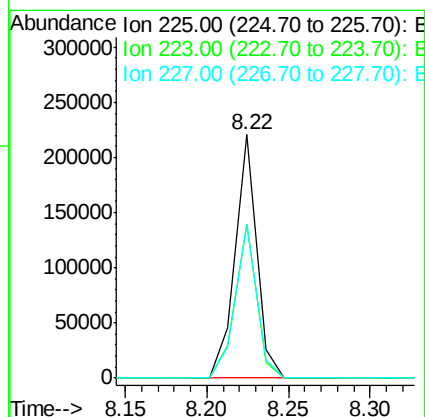
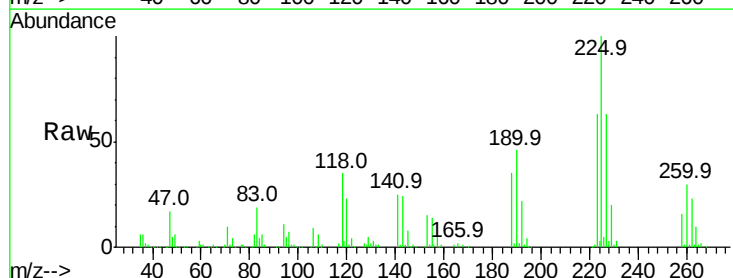
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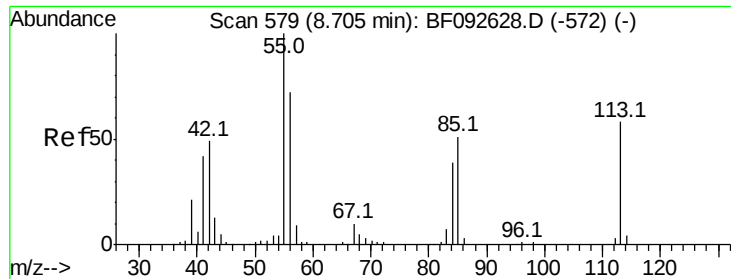
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#34
Hexachlorobutadiene
Concen: 39.65 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	51.0	76.6	
227	63.3	50.6	76.0	





#35

Caprolactam

Concen: 51.20 ng/mL

RT: 8.56 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

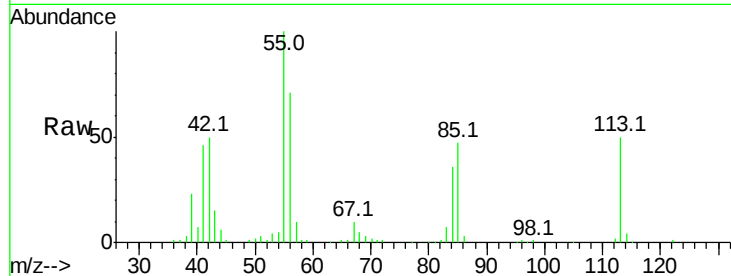
ClientSampleID :

PB97297BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	201.6	119.2	159.2#
56	143.0	83.8	123.8#

Manual Integrations
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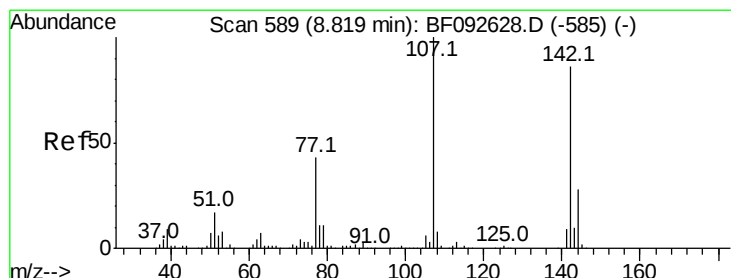
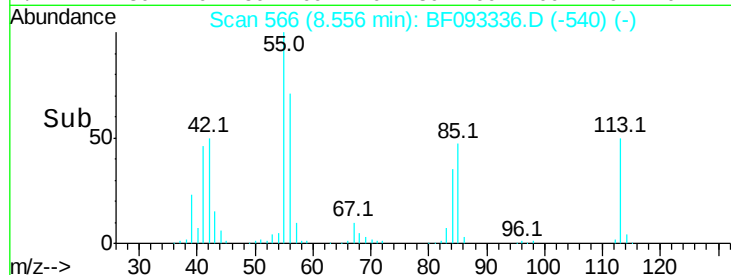
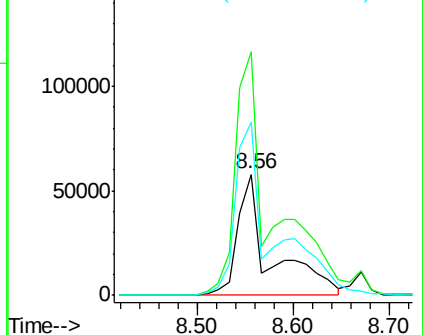


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.26 ng/mL

RT: 8.67 min Scan# 576

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

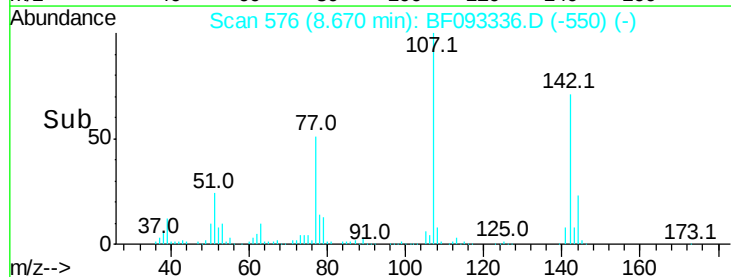
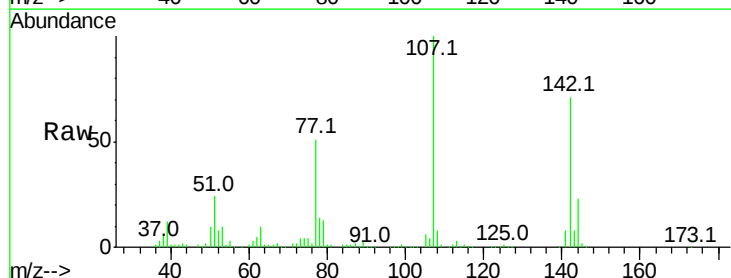
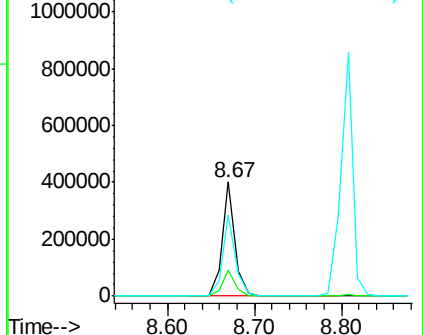
Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.0	19.3	28.9
142	71.5	59.0	88.6

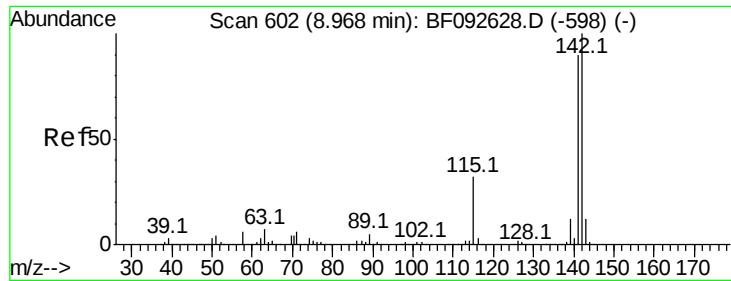
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





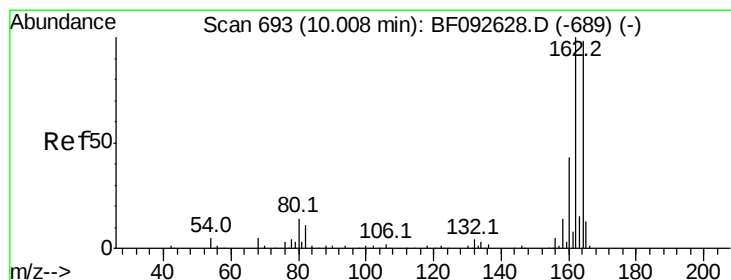
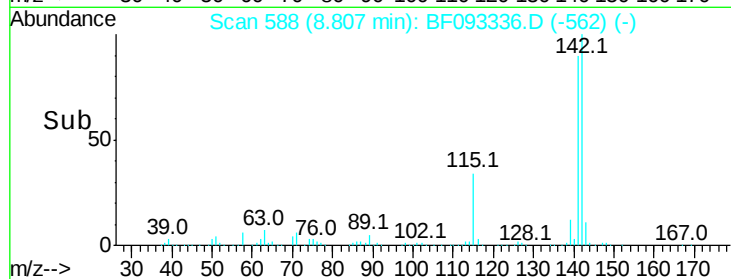
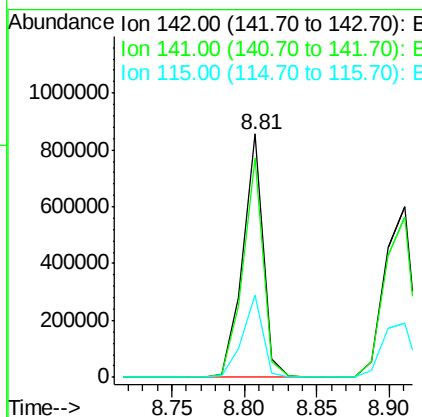
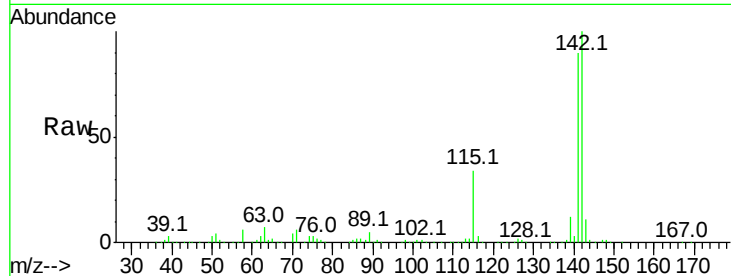
#37
2-Methylnaphthalene
Concen: 43.11 ng
RT: 8.81 min Scan# 588
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampled :
PB97297BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	33.7	28.3	42.5

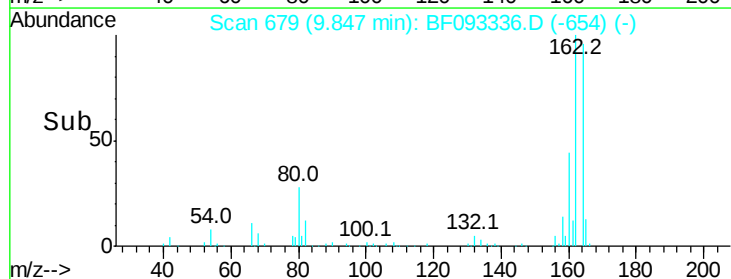
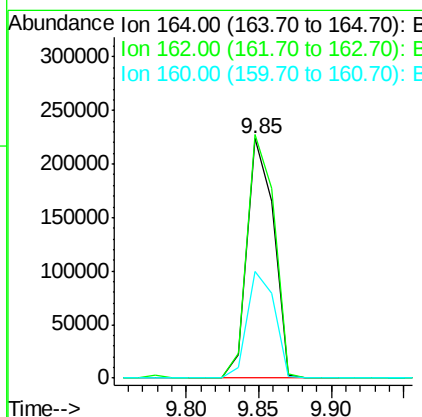
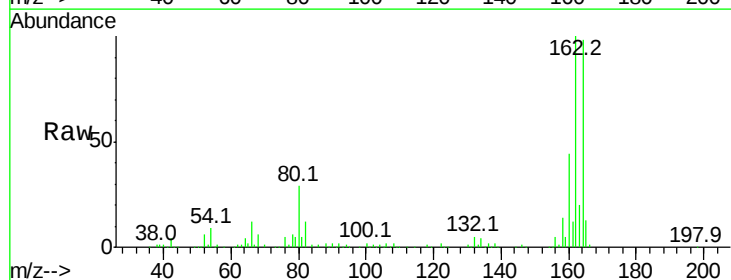
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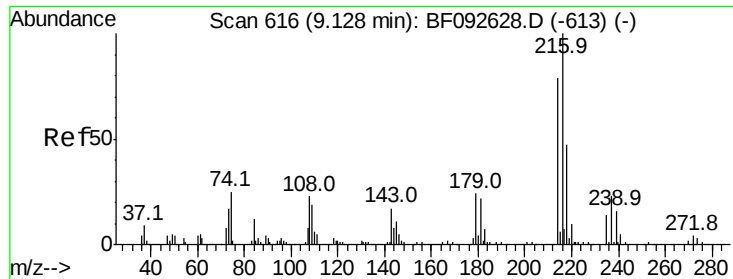
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	44.7	36.9	55.3





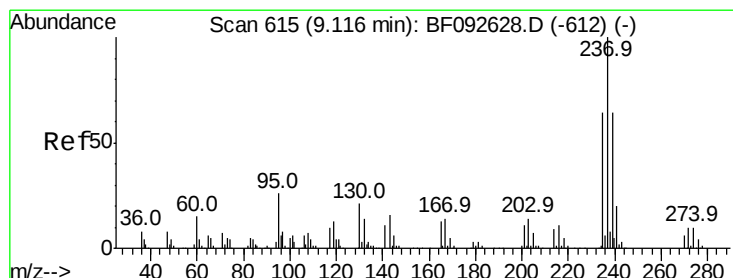
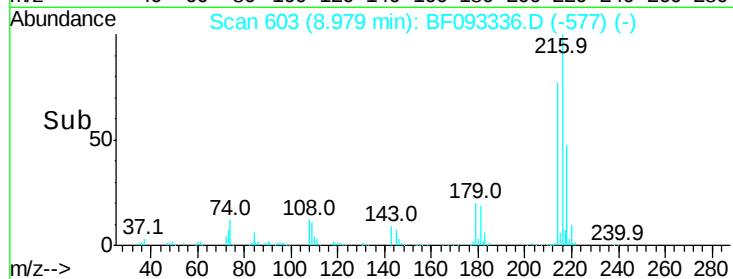
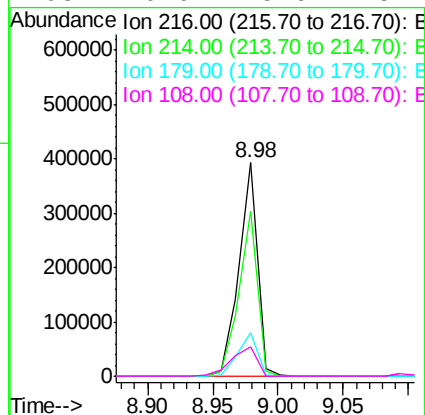
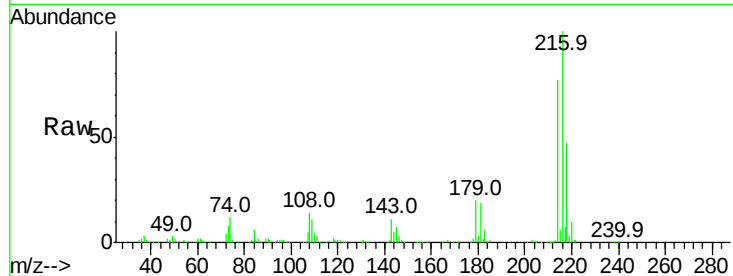
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.21 ng
 RT: 8.98 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	384525		
214	77.9	63.4	95.0	
179	21.3	17.4	26.2	
108	19.9	15.6	23.4	

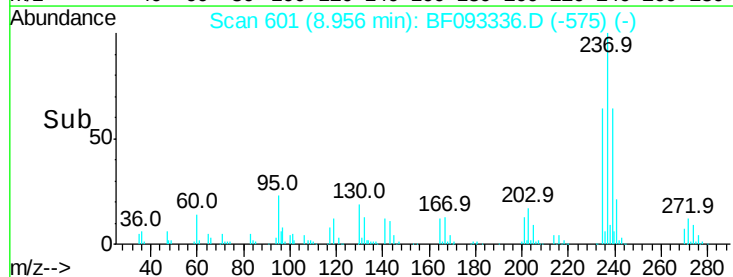
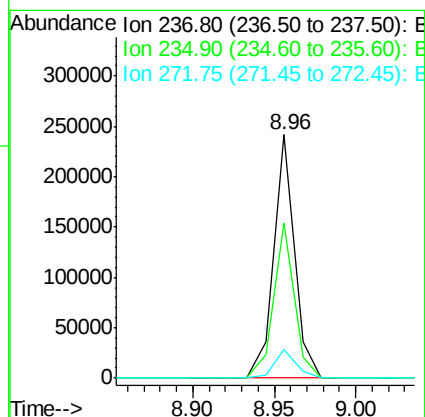
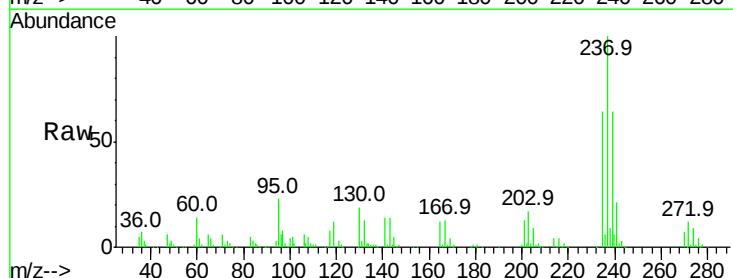
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#40
 Hexachlorocyclopentadiene
 Concen: 60.03 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.00 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	216008		
235	63.9	41.2	81.2	
272	12.0	0.0	35.4	





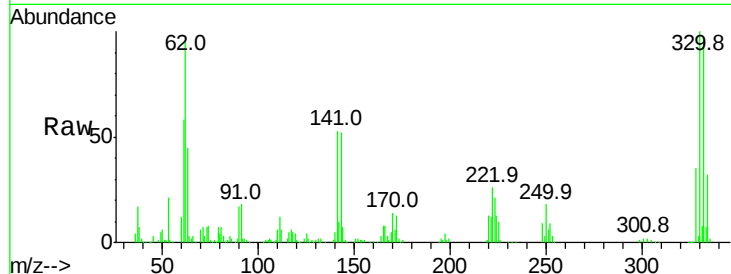
#41
 2,4,6-Tribromophenol
 Concen: 141.60 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampled :
 PB97297BS

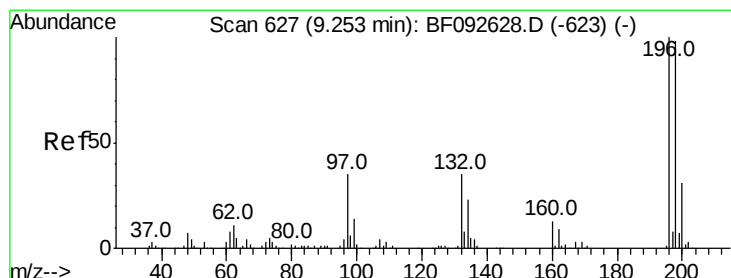
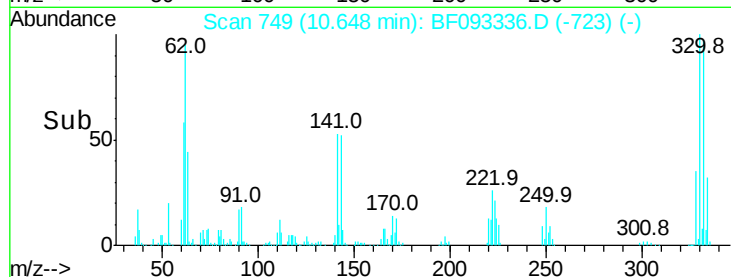
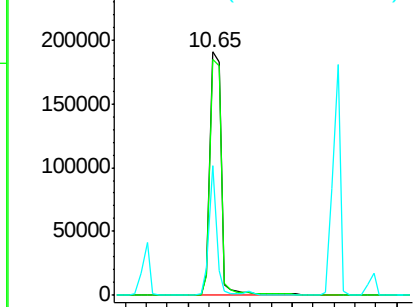
Tot Ion	Ratio	Resp	Lower	Upper
330	100	290982		
332	97.9	77.4	116.2	
141	35.5	34.1	51.1	

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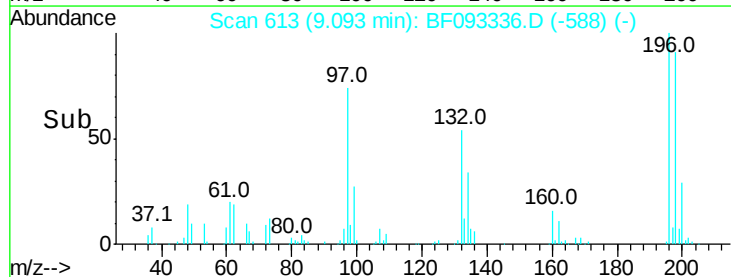
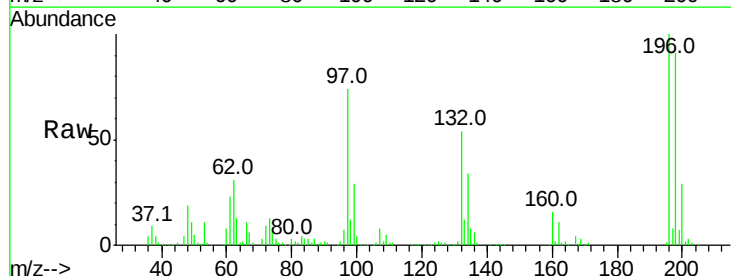
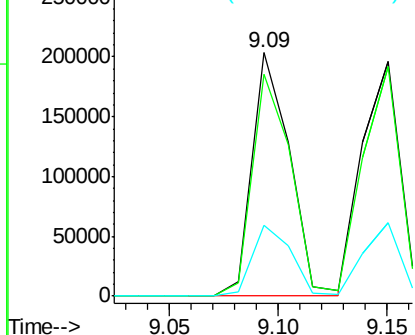
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

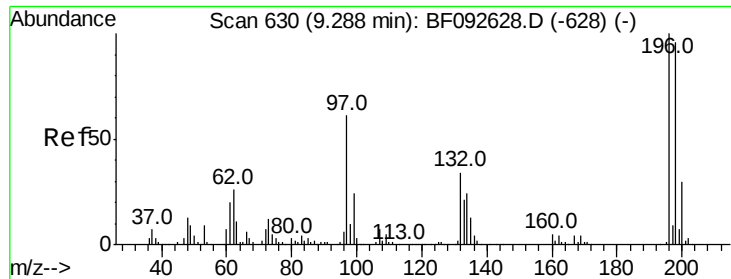


#42
 2,4,6-Trichlorophenol
 Concen: 46.73 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	244900		
198	91.3	82.1	123.1	
200	29.1	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





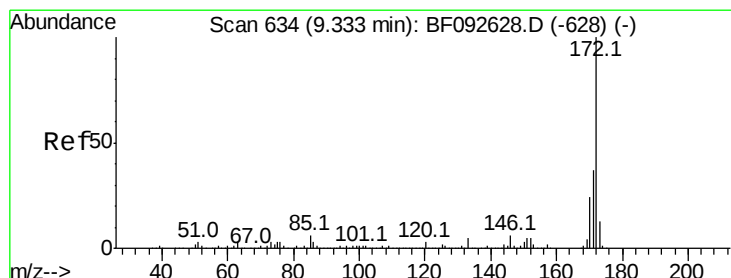
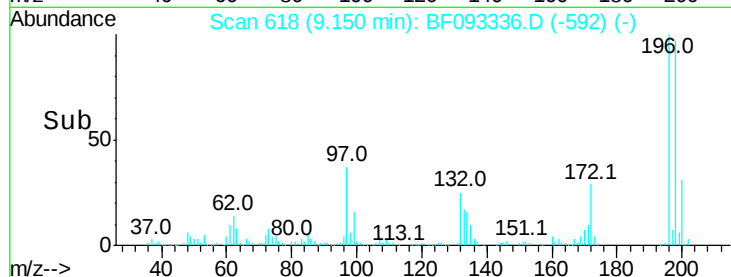
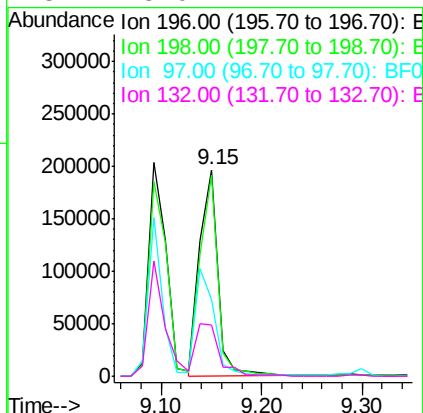
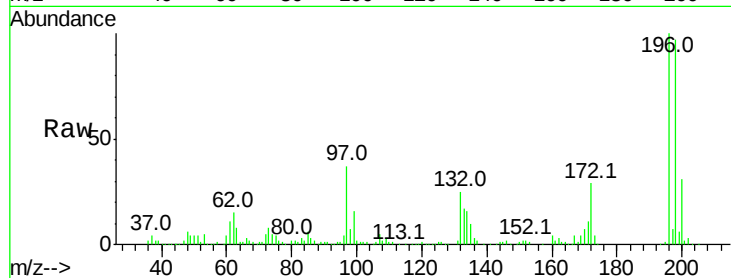
#43
 2,4,5-Trichlorophenol
 Concen: 44.08 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	253102		
198	97.4	79.4	119.2	
97	37.2	51.5	77.3	
132	25.0	27.4	41.2	

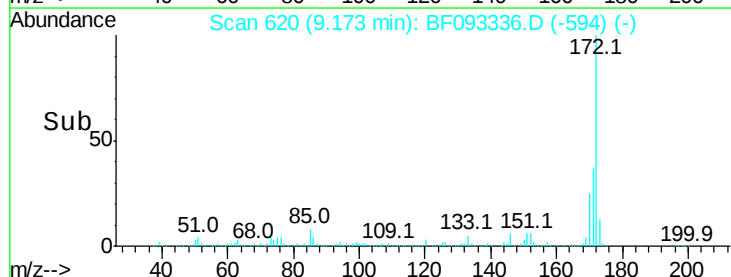
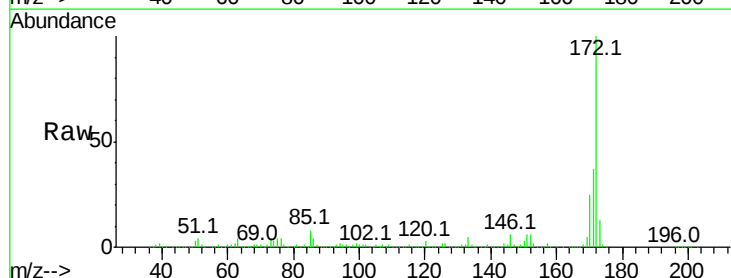
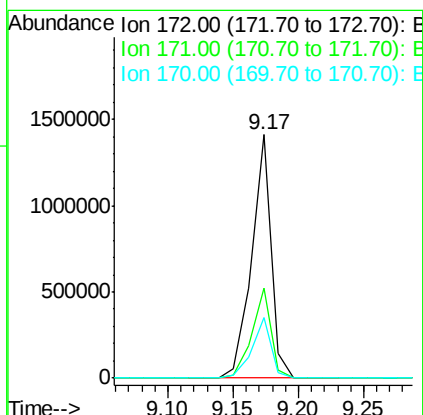
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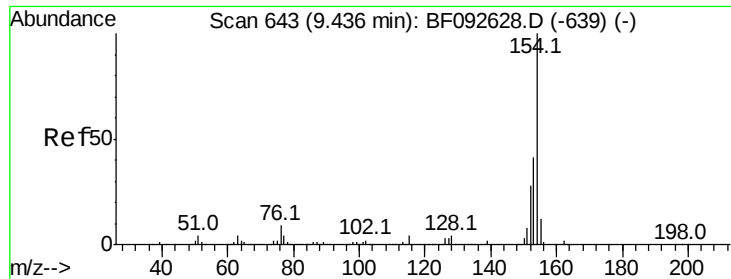
mohammad
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#44
 2-Fluorobiphenyl
 Concen: 93.59 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1467751		
171	36.9	29.4	44.0	
170	25.0	20.2	30.4	





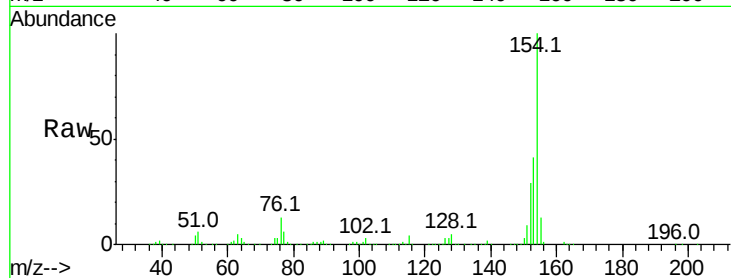
#45
 1,1'-Biphenyl
 Concen: 50.41 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampled :
 PB97297BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	13.0	0.0	30.5

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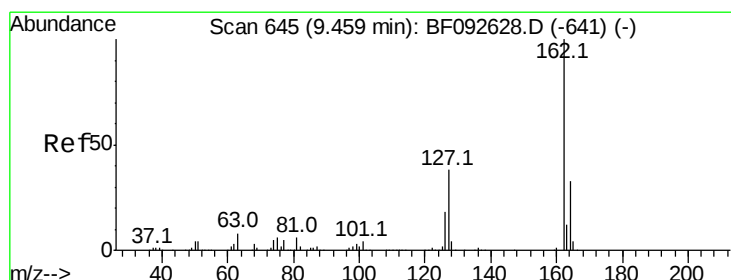
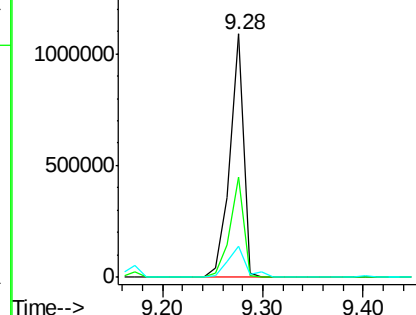
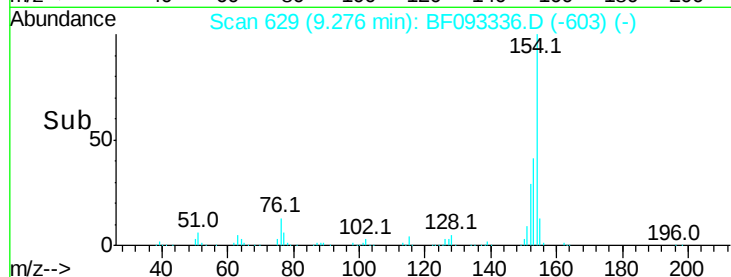


Abundance

Ion 154.00 (153.70 to 154.70): E

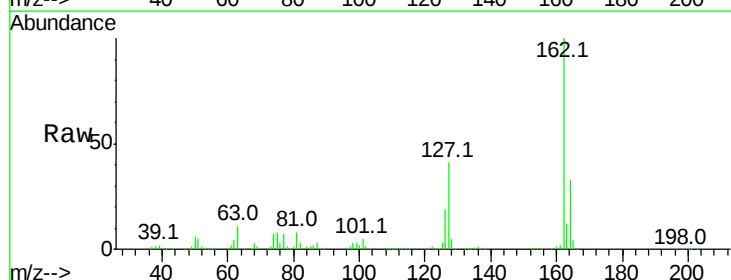
Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46
 2-Chloronaphthalene
 Concen: 48.03 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.7	46.1
164	33.2	27.6	41.4

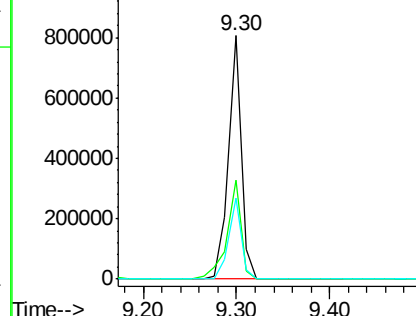
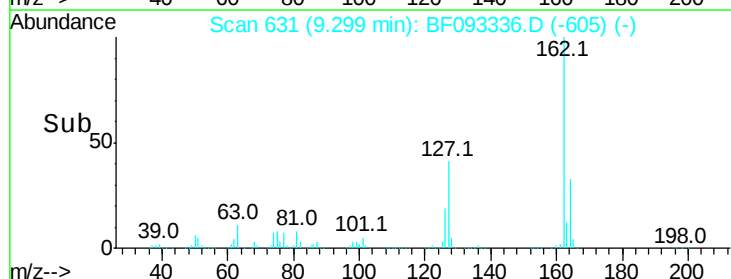


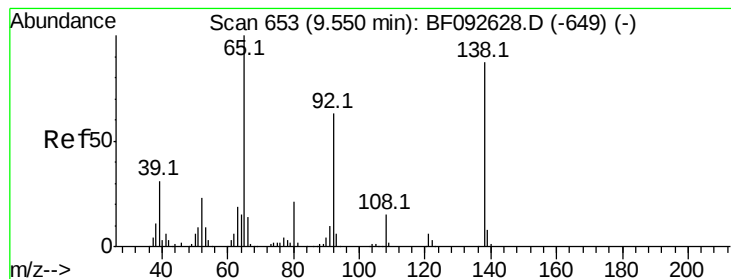
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 51.09 ng

RT: 9.40 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

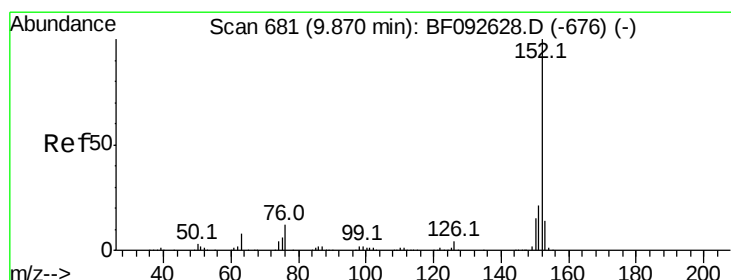
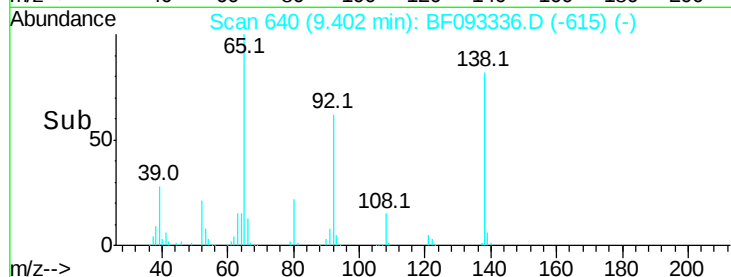
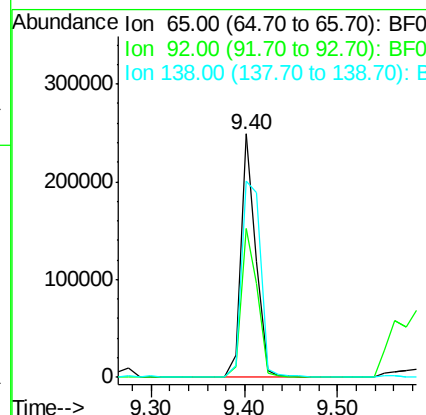
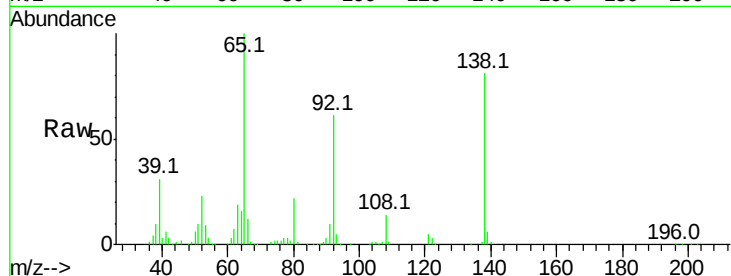
ClientSampleId :

PB97297BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	60.9	53.9	80.9
138	80.5	76.8	115.2

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#48

Acenaphthylene

Concen: 42.69 ng

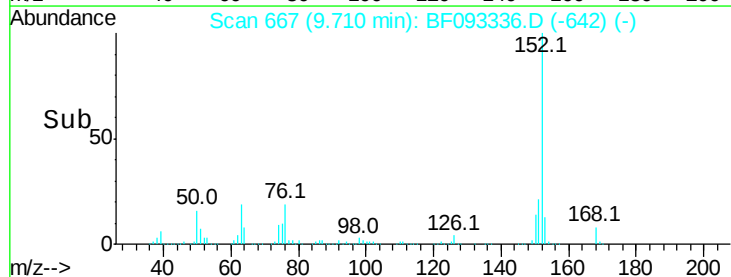
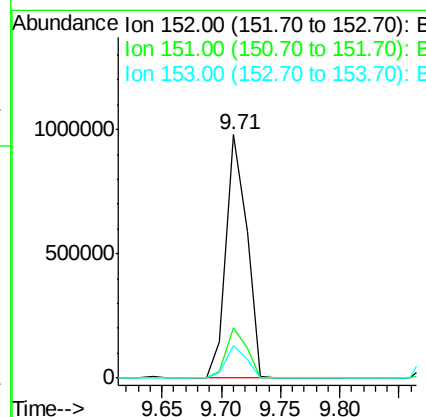
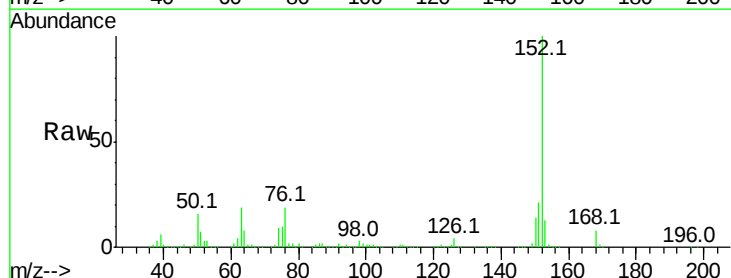
RT: 9.71 min Scan# 667

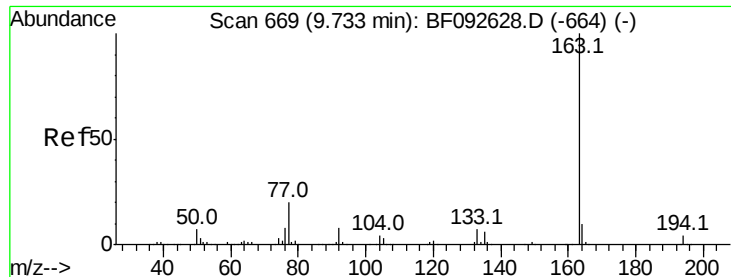
Delta R.T. -0.01 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.9	25.3
153	13.3	11.4	17.2





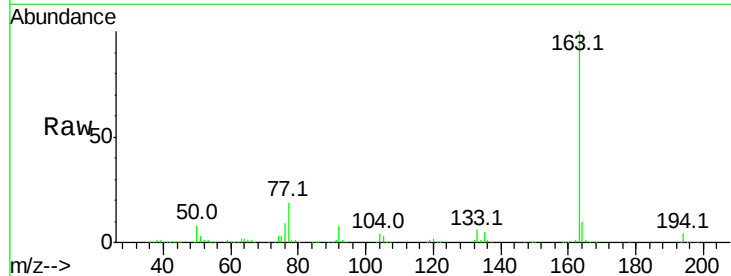
#49
Dimethylphthalate
Concen: 51.53 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampled :
PB97297BS

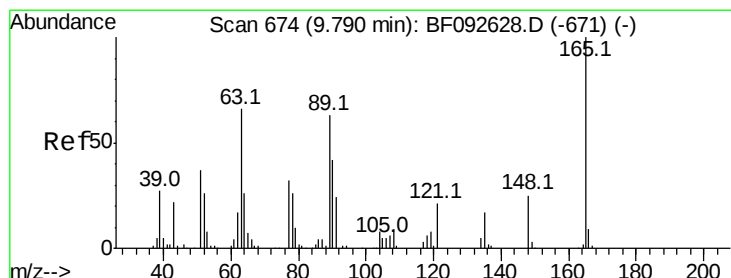
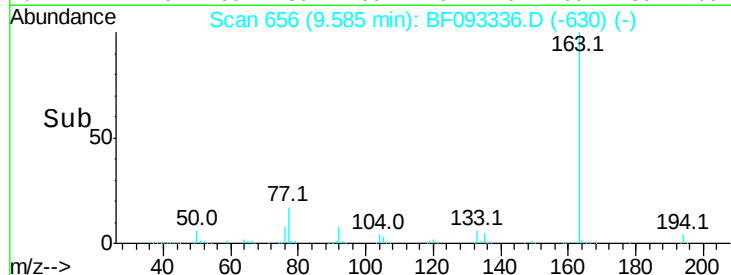
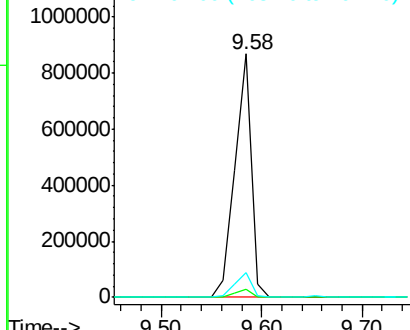
Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.0	8.0	12.0

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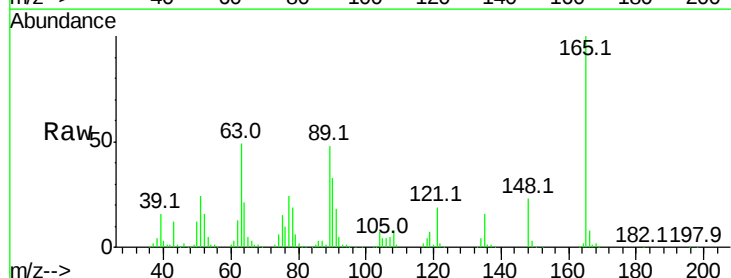


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

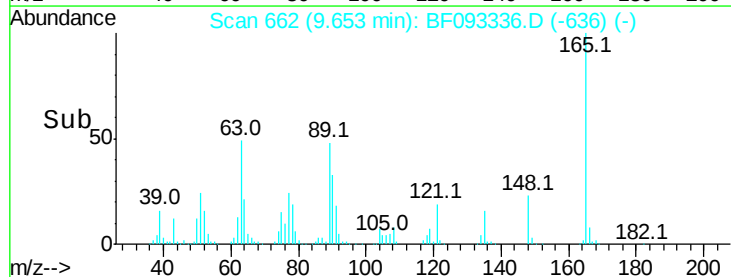
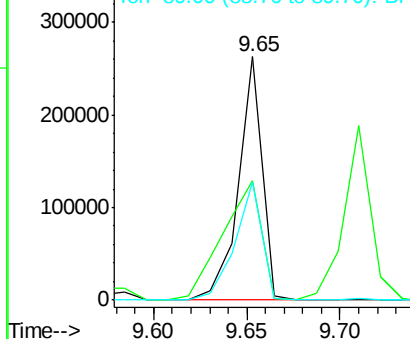


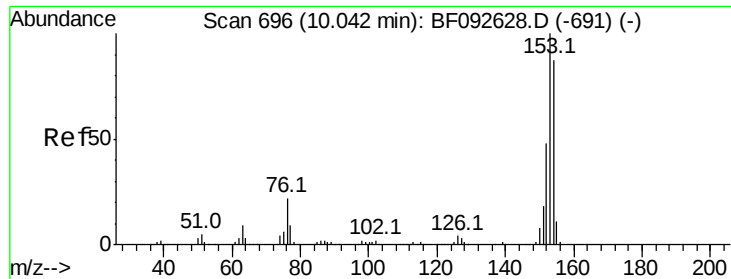
#50
2,6-Dinitrotoluene
Concen: 56.33 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	49.1	36.2	54.4
89	48.3	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: 42.67 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

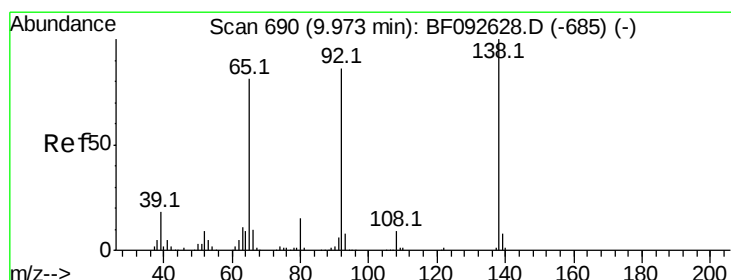
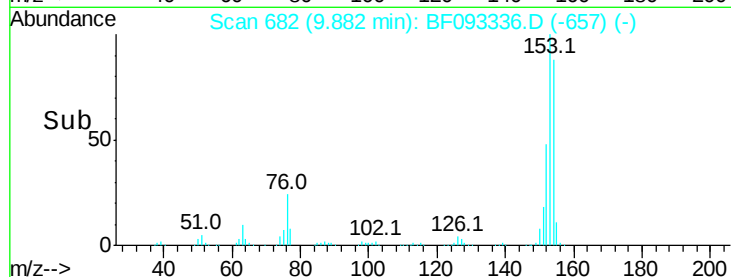
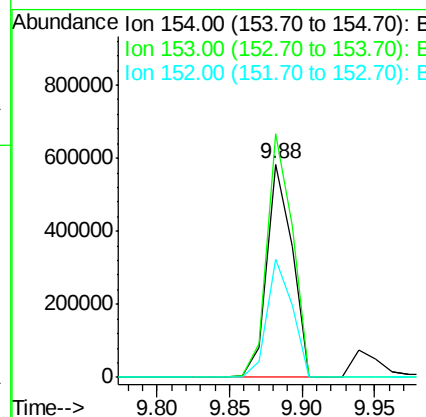
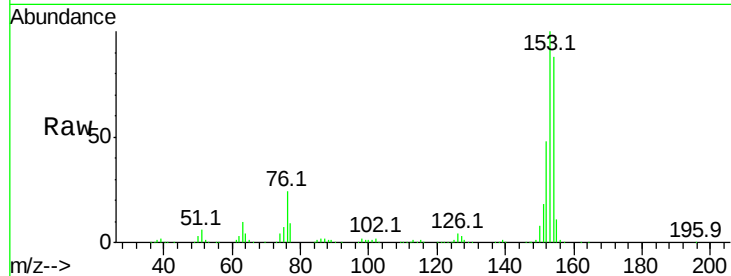
ClientSampleId :

PB97297BS

Tot Ion:	154	Resp:	709226
Ion Ratio	Lower	Upper	
154	100		
153	114.1	88.6	133.0
152	55.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 35.11 ng

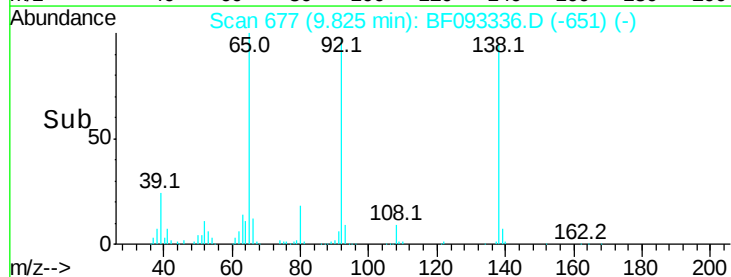
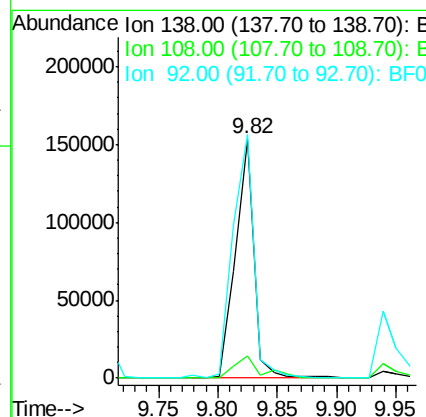
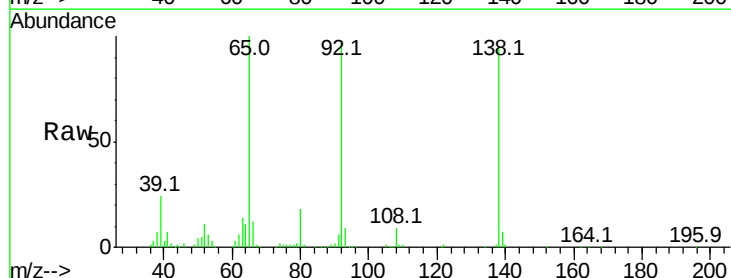
RT: 9.82 min Scan# 677

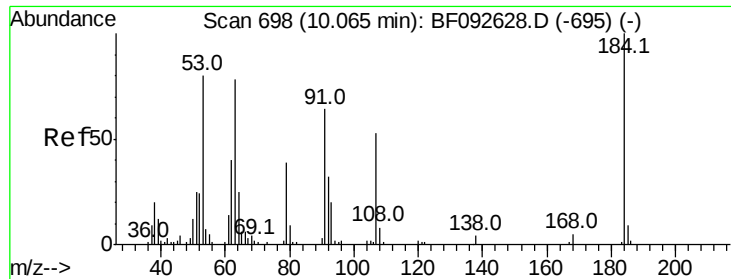
Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Tgt Ion:	138	Resp:	166065
Ion Ratio	Lower	Upper	
138	100		
108	9.5	8.5	12.7
92	102.0	97.8	146.8





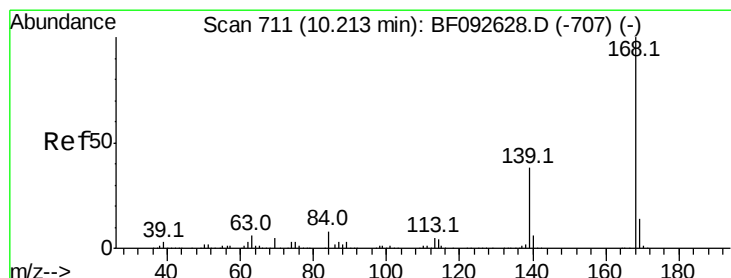
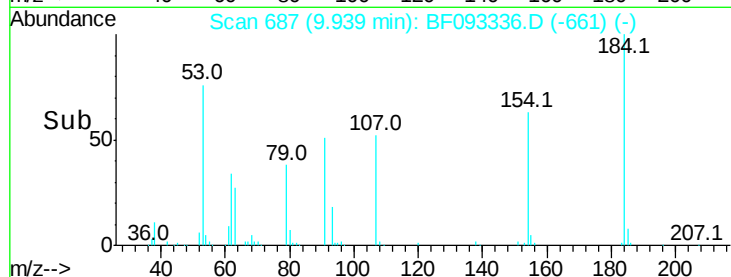
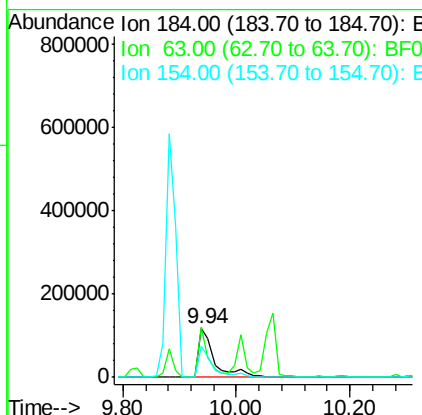
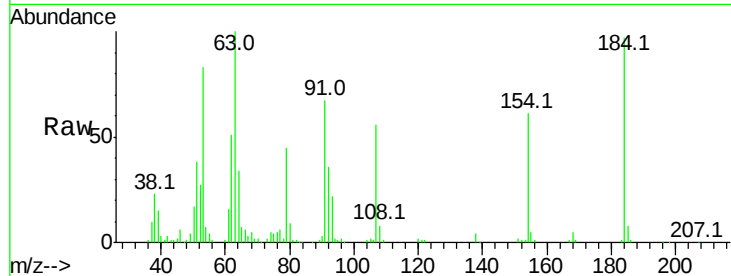
#53
2,4-Dinitrophenol
Concen: 107.58 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	103.2	28.4	42.6#
154	63.3	44.3	66.5

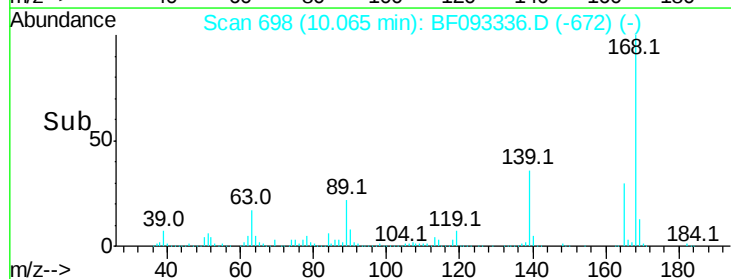
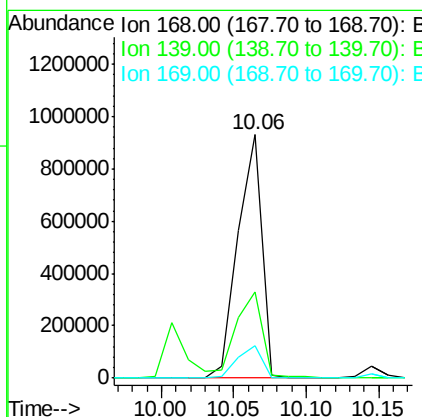
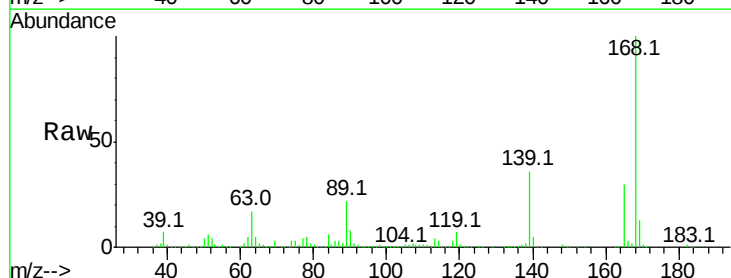
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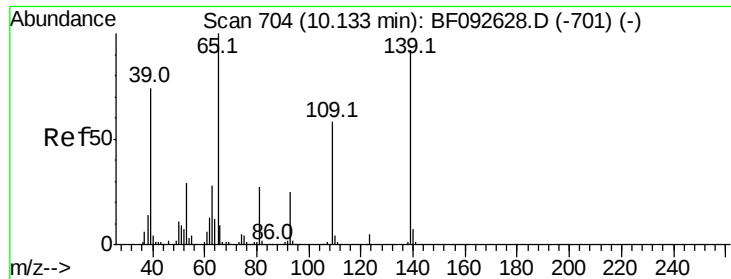
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#54
Dibenzofuran
Concen: 48.06 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.7	32.6	49.0
169	13.2	11.3	16.9





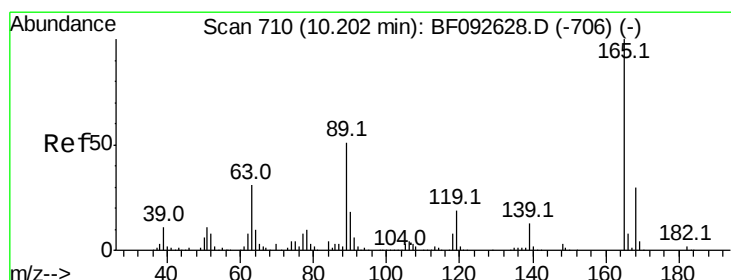
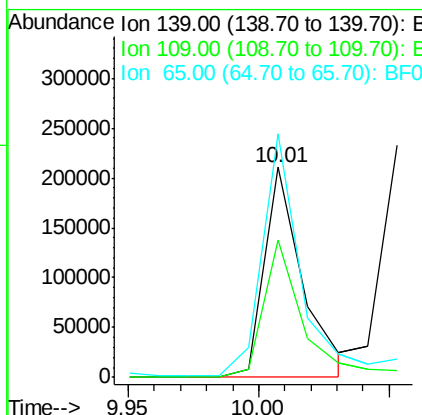
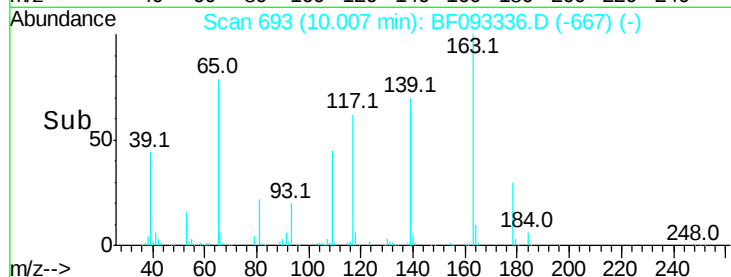
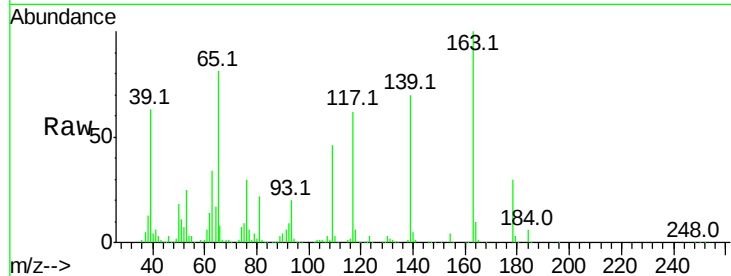
#55
4-Nitrophenol
Concen: 63.47 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.5	52.2	92.2	
65	115.8	85.8	125.8	

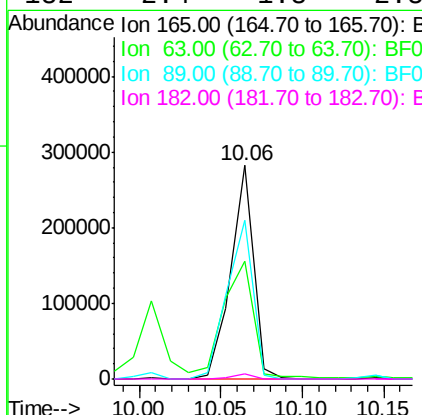
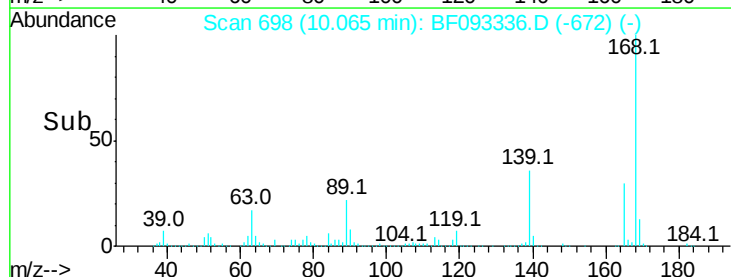
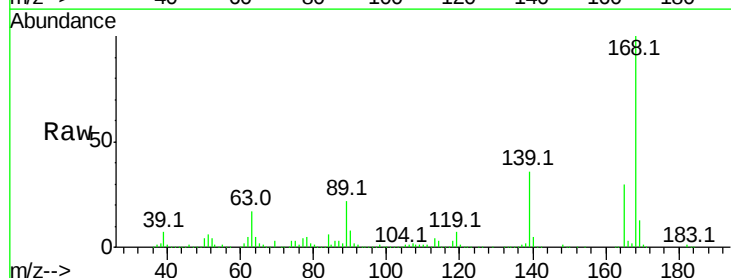
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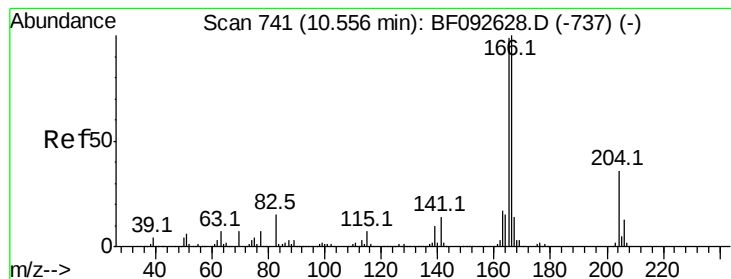
mohammad
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#56
2,4-Dinitrotoluene
Concen: 49.30 ng
RT: 10.06 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	55.1	40.2	60.4	
89	74.1	62.5	93.7	
182	2.4	1.8	2.8	





#57

Fluorene

Concen: 50.66 ng

RT: 10.41 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

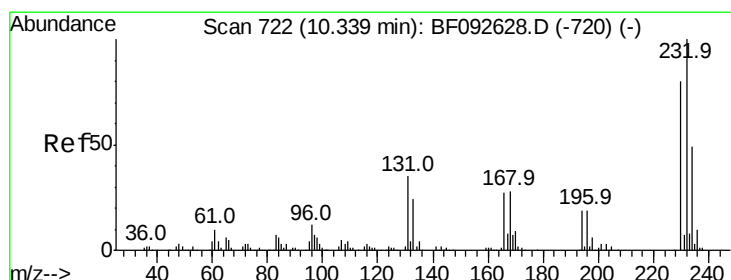
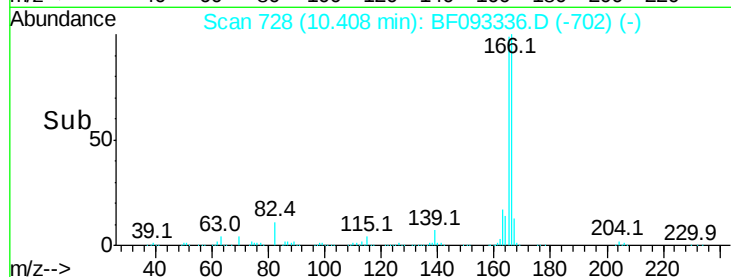
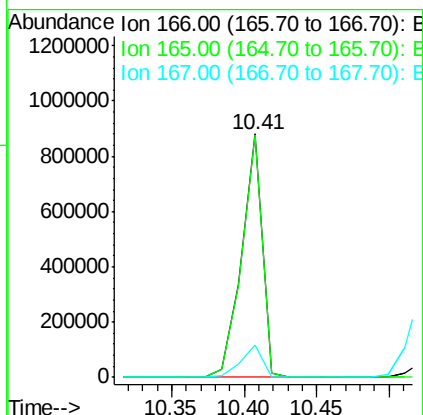
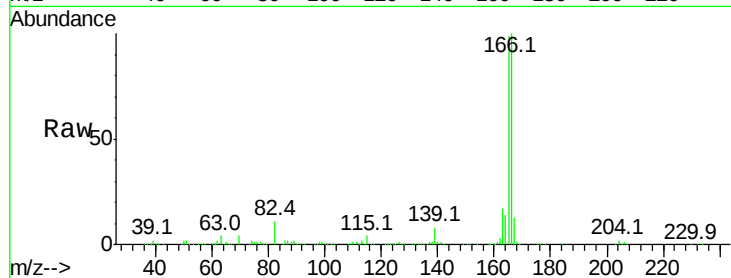
ClientSampleId :

PB97297BS

Tot Ion:	166	Resp:	866541
Ion Ratio	Lower	Upper	
166	100		
165	99.3	77.8	116.8
167	13.1	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 56.68 ng

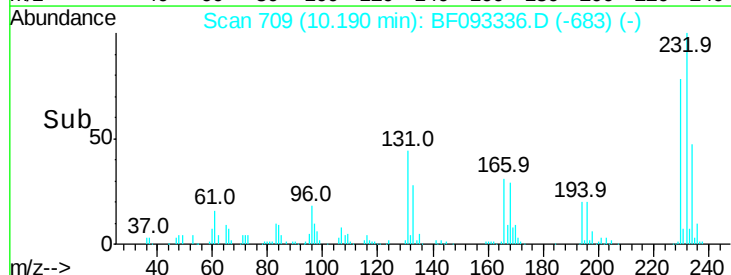
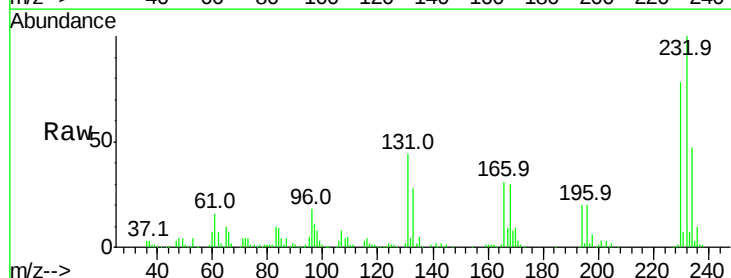
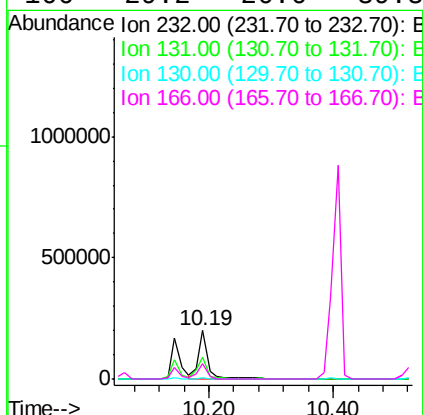
RT: 10.19 min Scan# 709

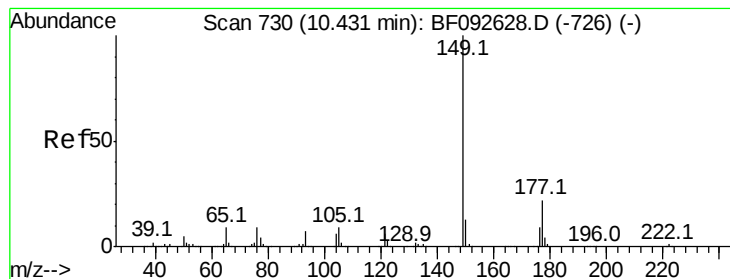
Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Tgt Ion:	232	Resp:	217118
Ion Ratio	Lower	Upper	
232	100		
131	43.8	40.1	60.1
130	2.3	1.8	2.8
166	29.2	26.6	39.8





#59

Diethylphthalate

Concen: 48.96 ng

RT: 10.28 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

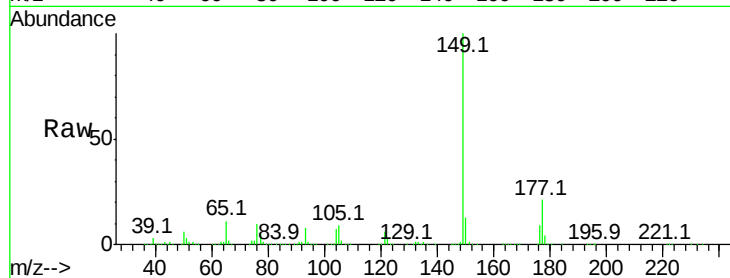
ClientSampleId :

PB97297BS

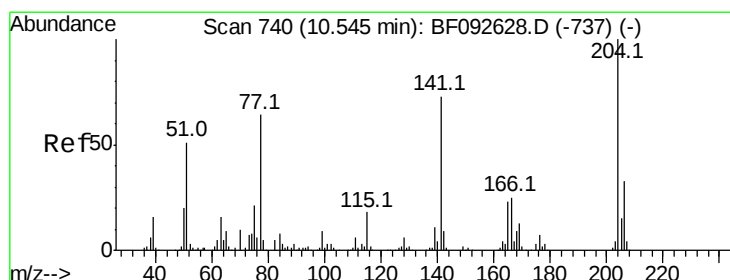
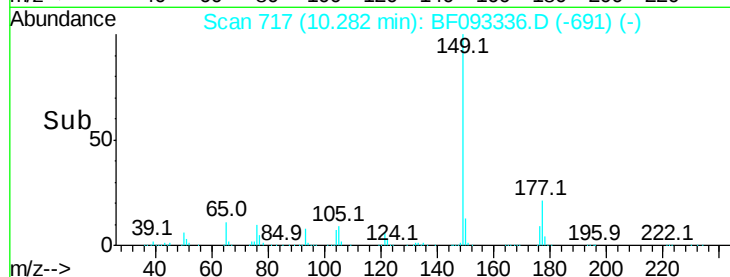
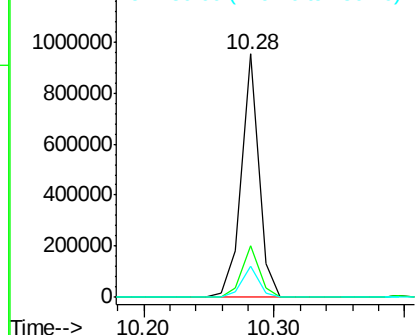
Tot Ion:	149	Resp:	882968
Ion Ratio	Lower	Upper	
149	100		
177	21.4	16.6	25.0
150	12.8	10.4	15.6

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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: 47.77 ng

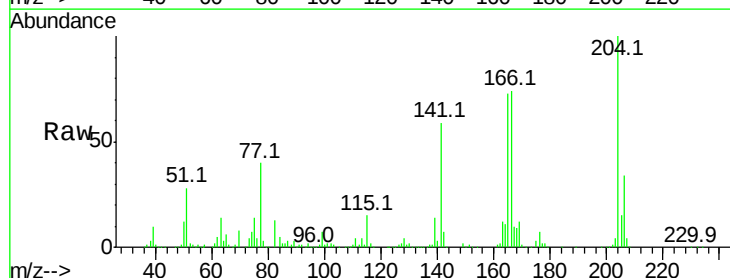
RT: 10.40 min Scan# 727

Delta R.T. -0.00 min

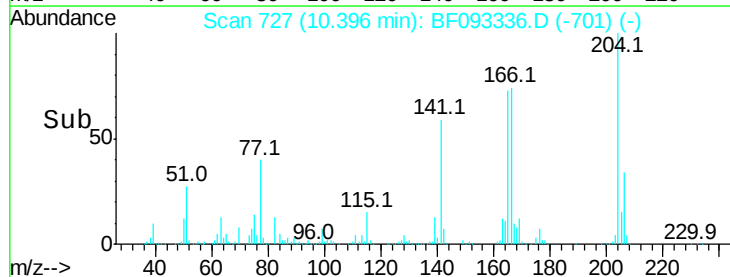
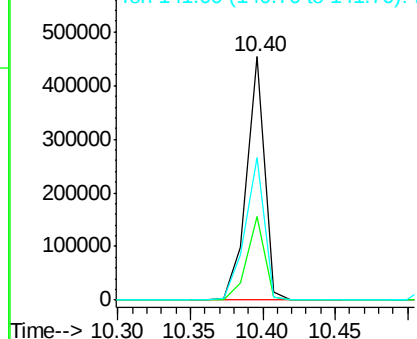
Lab File: BF093336.D

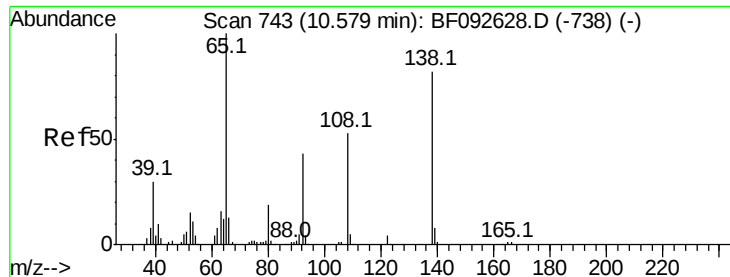
Acq: 2 Mar 2017 22:23

Tgt Ion:	204	Resp:	392578
Ion Ratio	Lower	Upper	
204	100		
206	34.4	25.8	38.6
141	58.7	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: 47.19 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

PB97297BS

Tot Ion:138 Resp: 228588

Ion Ratio Lower Upper

138 100

92 54.8 31.7 71.7

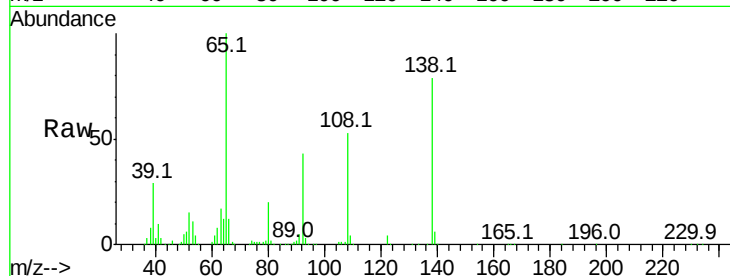
108 66.6 52.6 92.6

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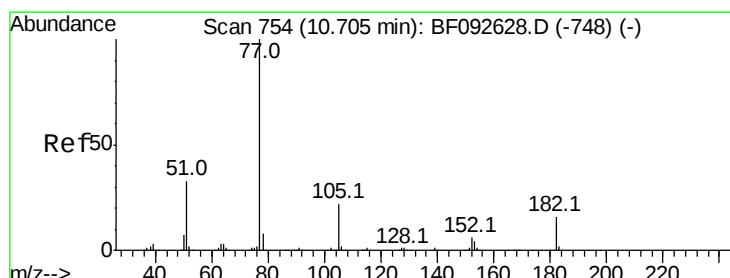
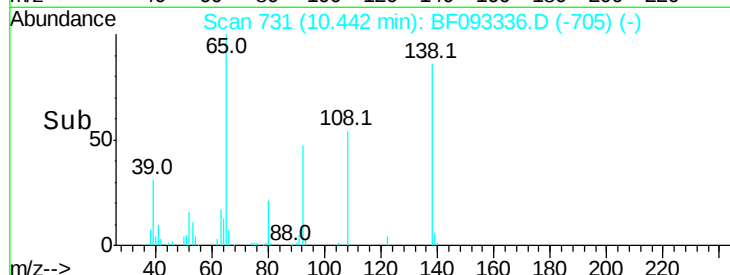
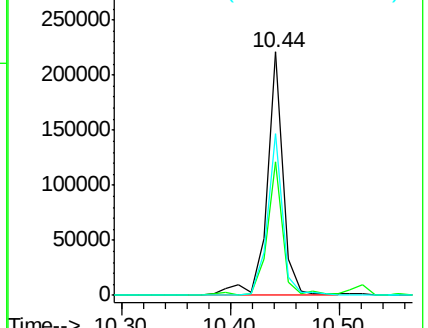
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 58.83 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Tgt Ion: 77 Resp: 1096243

Ion Ratio Lower Upper

77 100

182 20.8 0.0 39.3

105 23.4 2.3 42.3

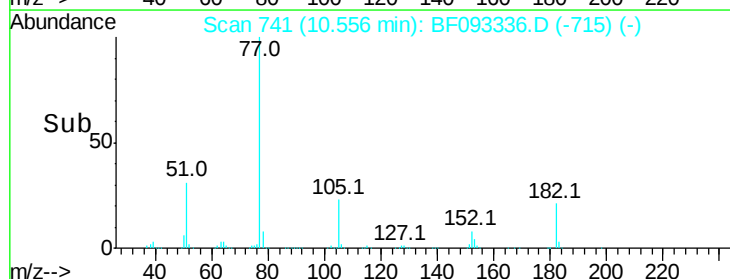
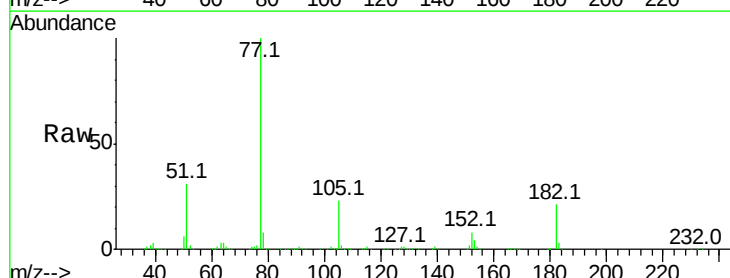
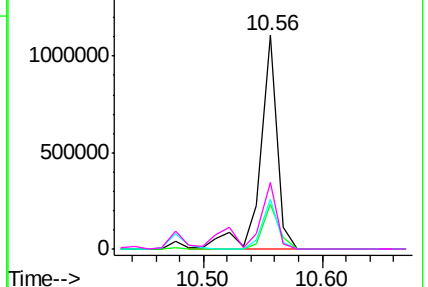
51 31.3 8.9 48.9

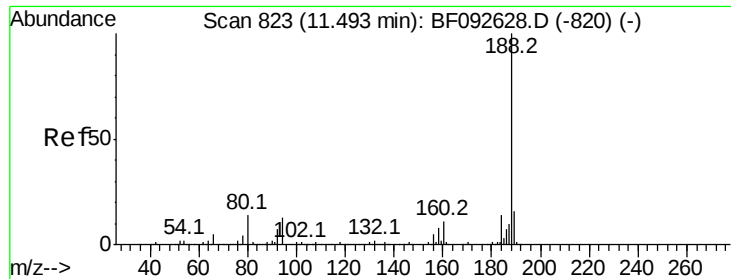
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





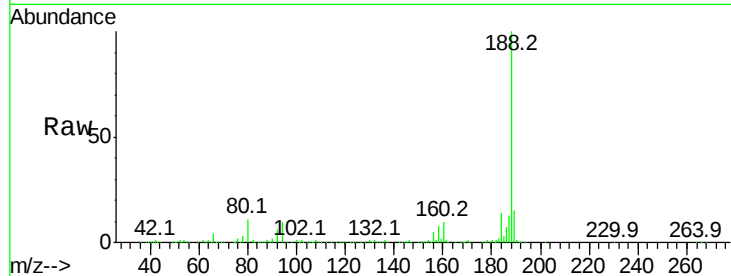
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.3	10.0	15.0	
80	11.0	11.2	16.8	

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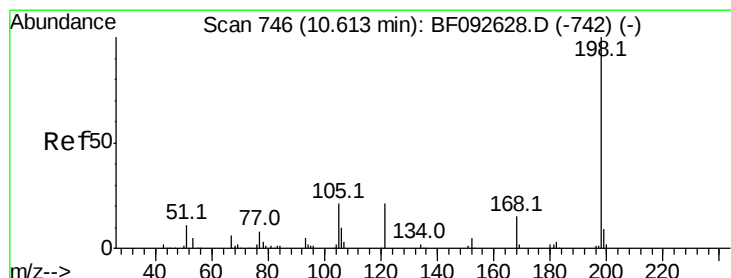
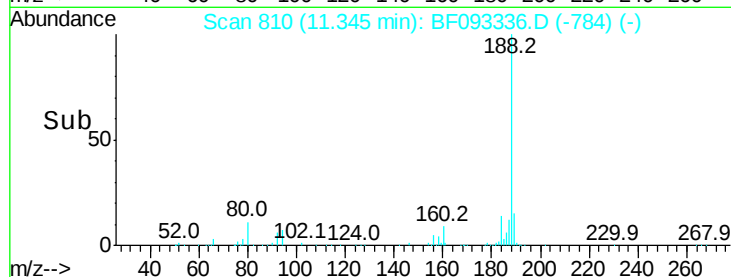
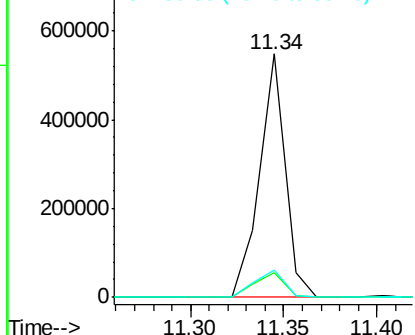
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



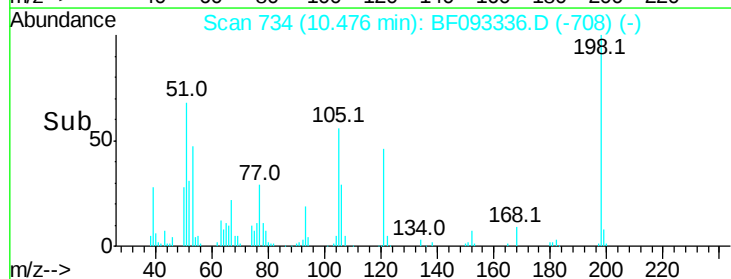
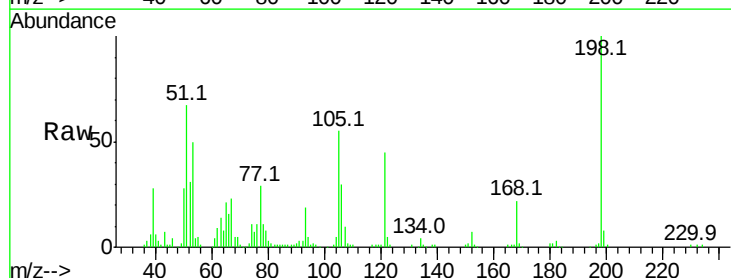
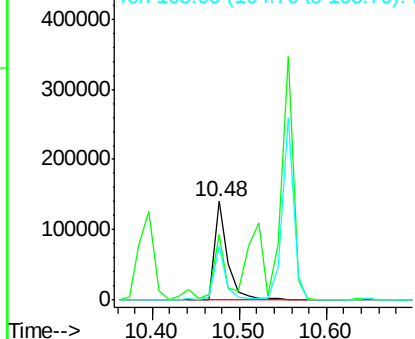
#64
4,6-Dinitro-2-methylphenol
Concen: 48.11 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

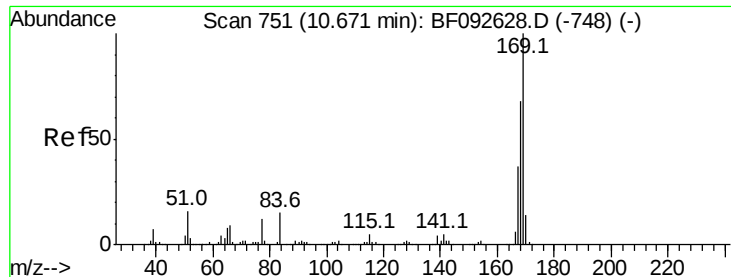
Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	66.5	6.7	46.7	
105	54.9	16.6	56.6	

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





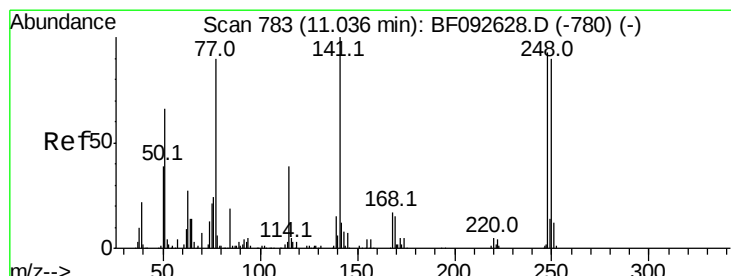
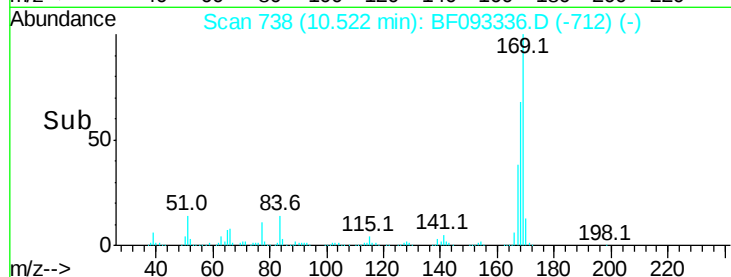
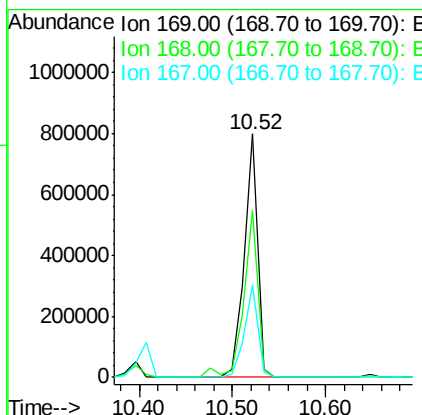
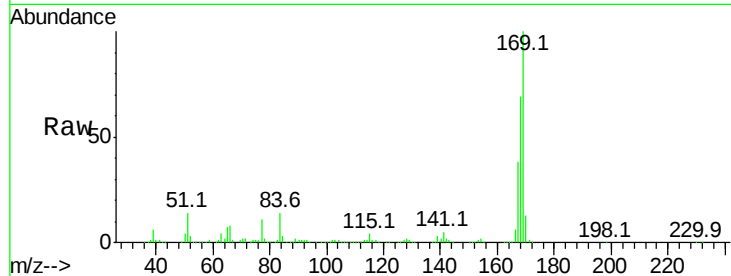
#65
n-Nitrosodiphenylamine
Concen: 47.57 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleID :
PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	793286		
168	68.5		54.2	81.2
167	38.2		30.2	45.4

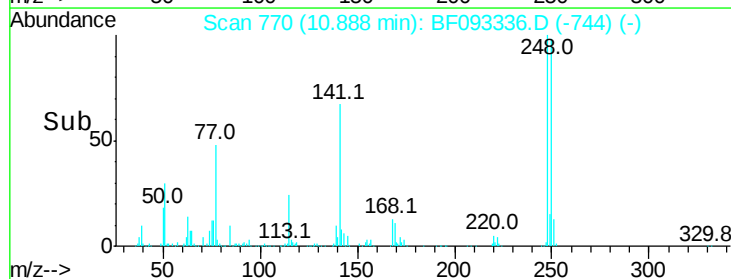
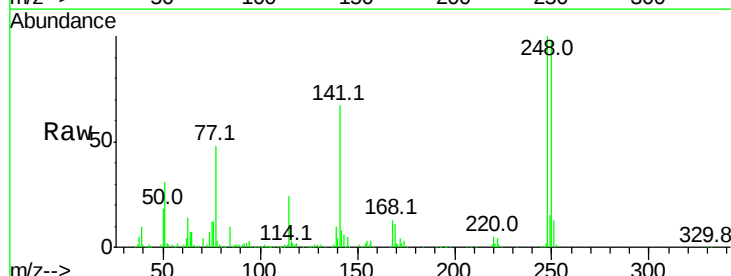
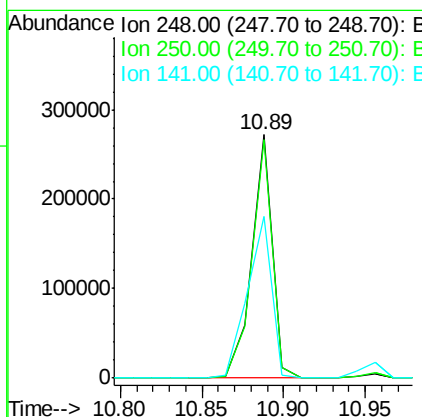
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#66
4-Bromophenyl-phenylether
Concen: 43.59 ng
RT: 10.89 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	237738		
250	97.8		76.9	115.3
141	66.5		68.2	102.4#





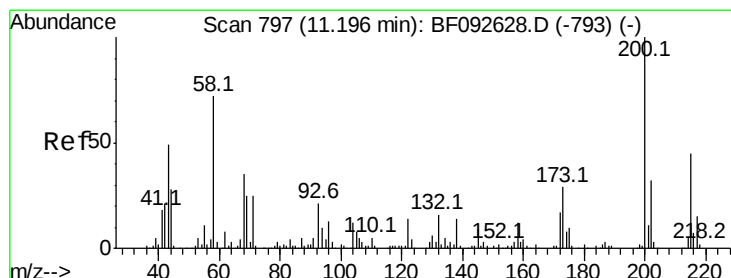
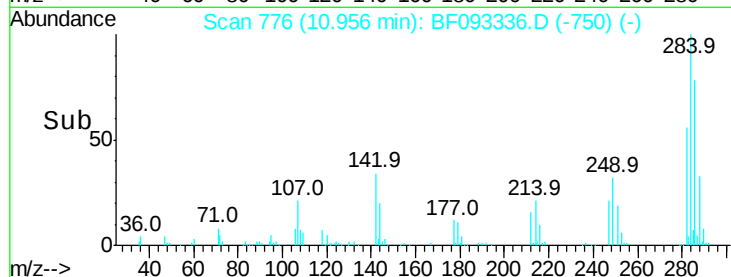
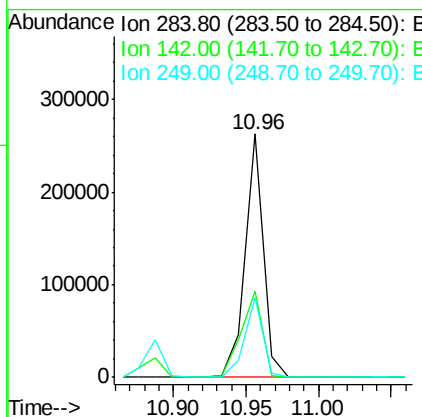
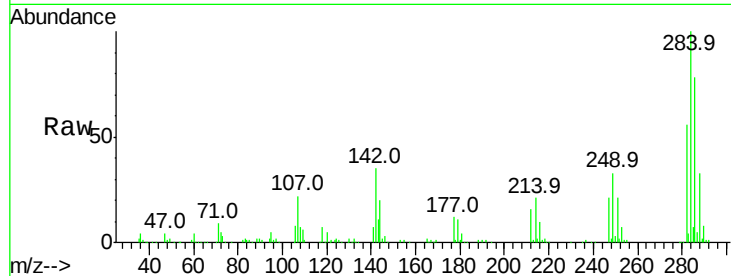
#67
Hexachlorobenzene
Concen: 42.65 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.3	22.6	33.8#	
249	32.7	25.4	38.0	

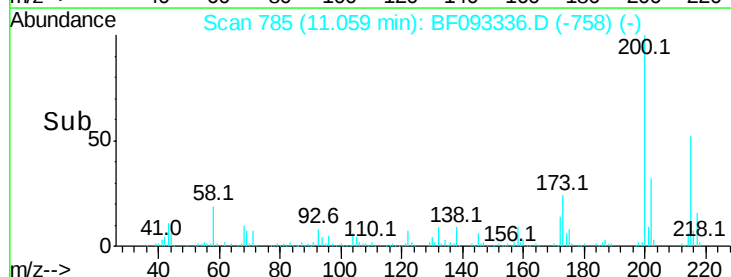
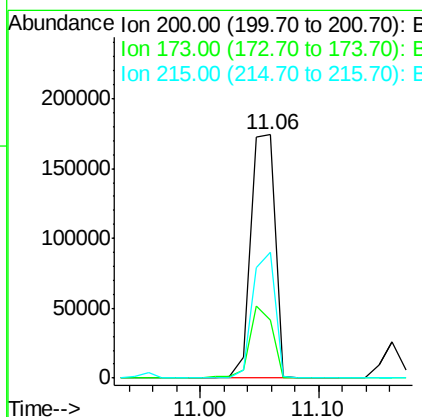
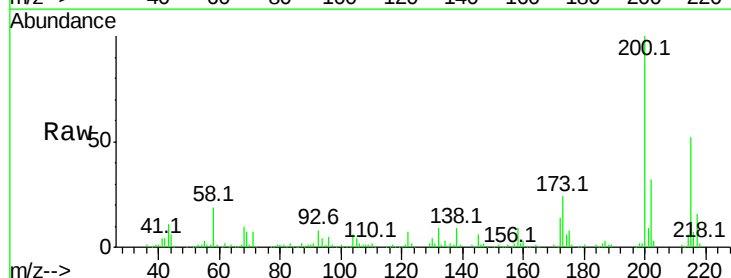
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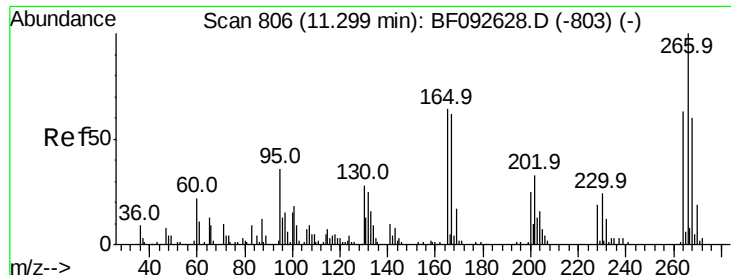
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#68
Atrazine
Concen: 46.97 ng
RT: 11.06 min Scan# 785
Delta R.T. 0.01 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.9	9.6	49.6	
215	51.9	25.7	65.7	





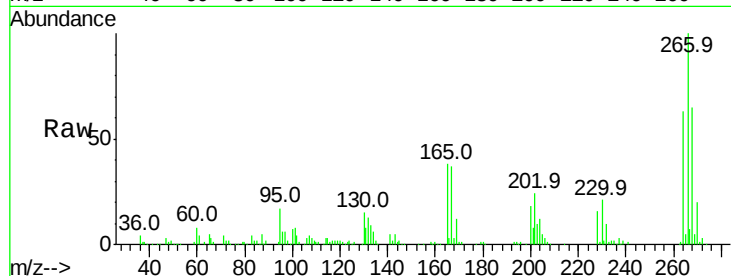
#69
 Pentachlorophenol
 Concen: 66.14 ng
 RT: 11.16 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

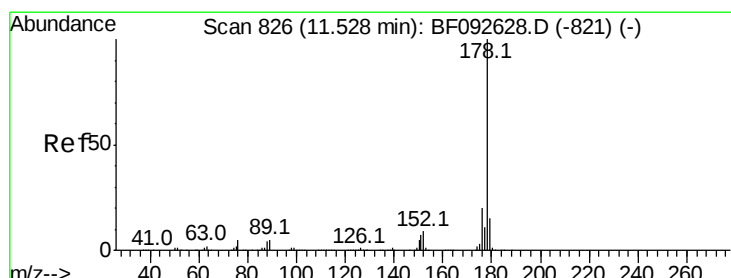
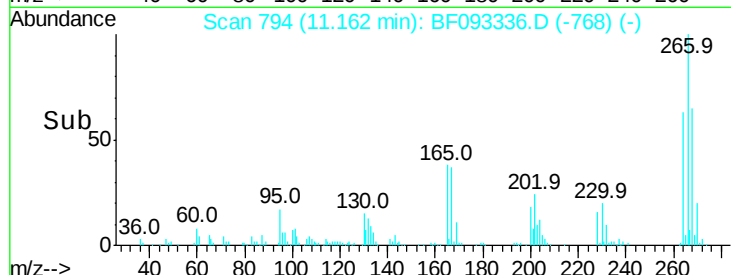
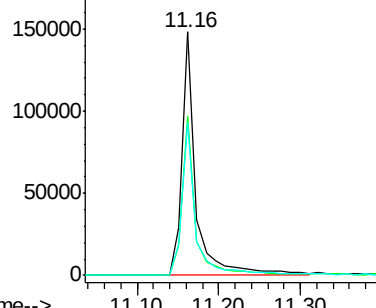
Tot Ion	Ratio	Resp	Lower	Upper
266	100	180201		
268	65.1	53.3	79.9	
264	62.9	50.3	75.5	

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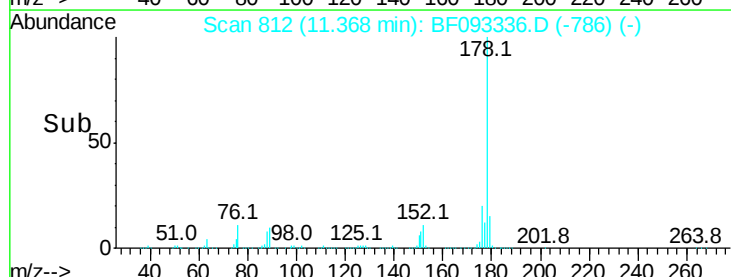
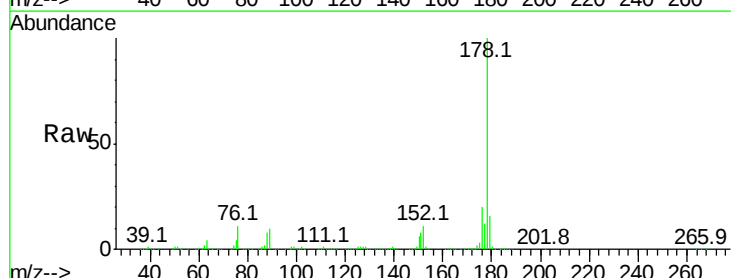
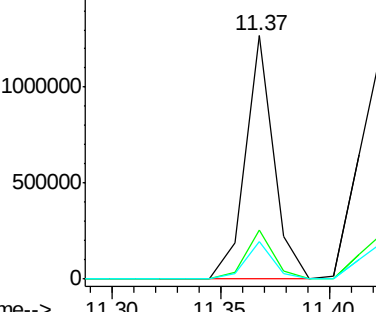
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

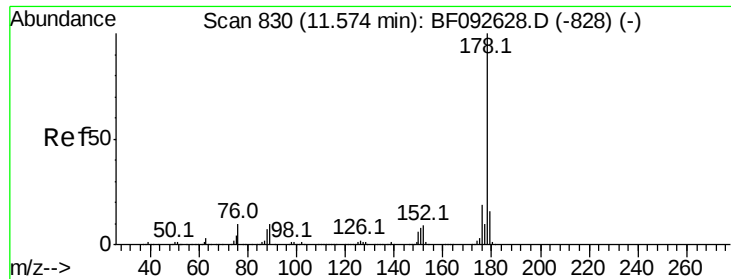


#70
 Phenanthrene
 Concen: 38.67 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1156521		
176	20.1	16.6	25.0	
179	15.6	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





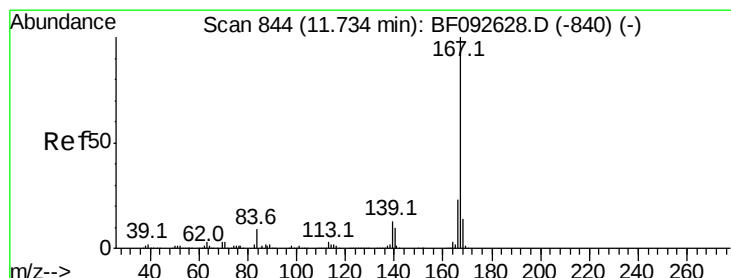
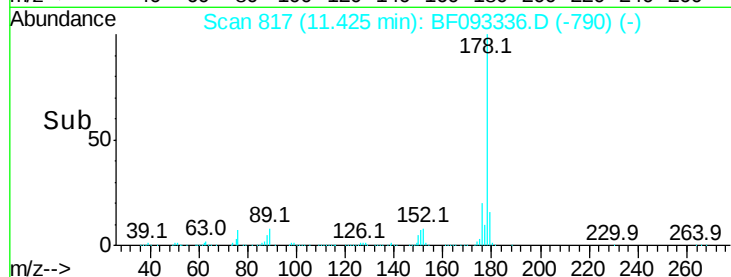
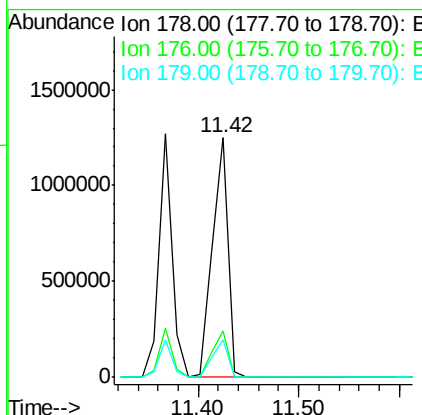
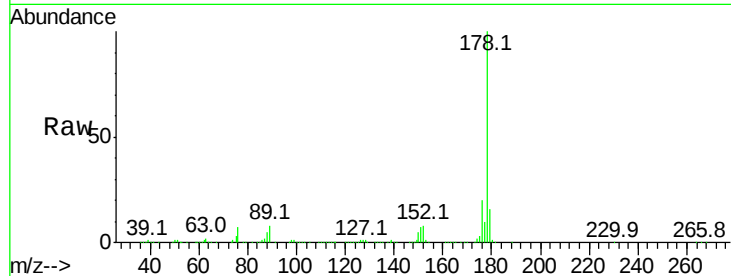
#71
 Anthracene
 Concen: 44.79 ng
 RT: 11.42 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tot Ion:178 Resp: 1345186
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 15.7 13.2 19.8

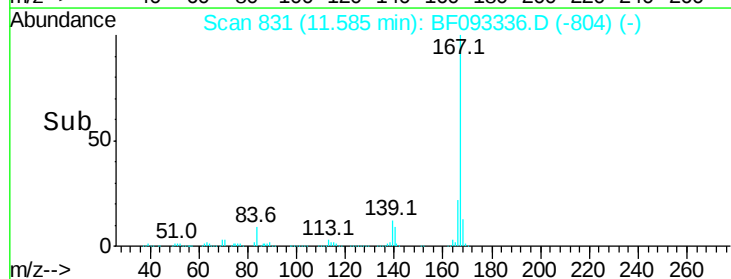
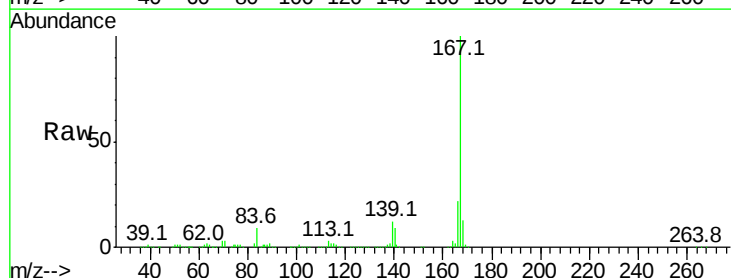
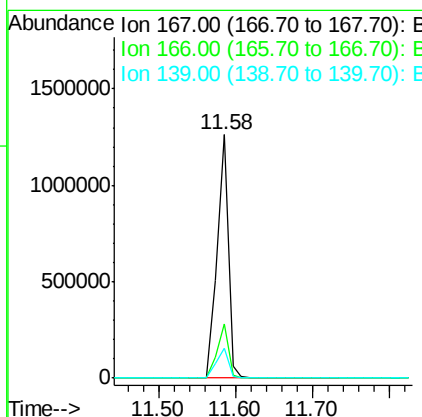
Manual Integrations
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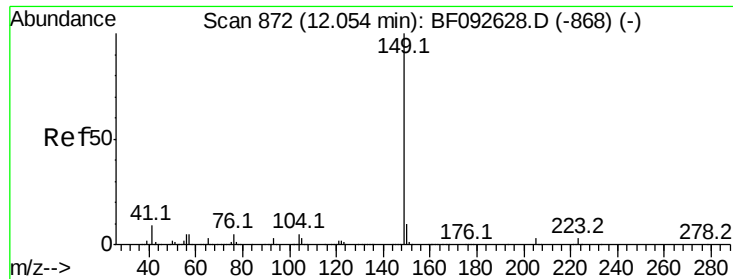
mohammad
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#72
 Carbazole
 Concen: 44.44 ng
 RT: 11.58 min Scan# 831
 Delta R.T. 0.01 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion:167 Resp: 1275730
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.2 27.2
 139 12.4 11.4 17.2





#73

Di-n-butylphthalate

Concen: 45.99 ng

RT: 11.90 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

ClientSampleId :

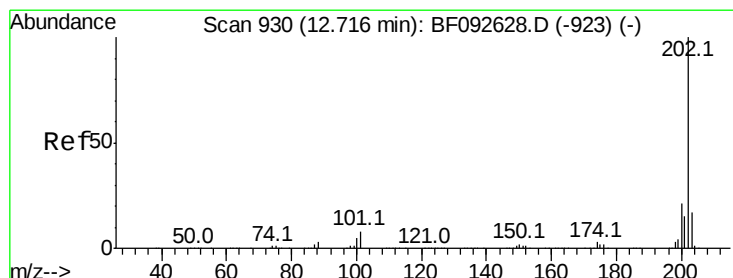
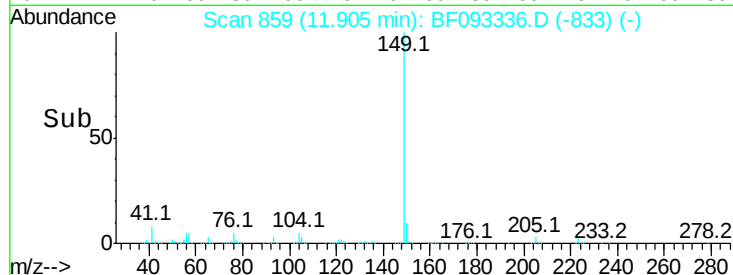
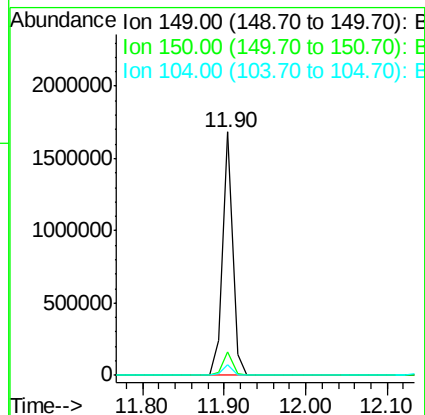
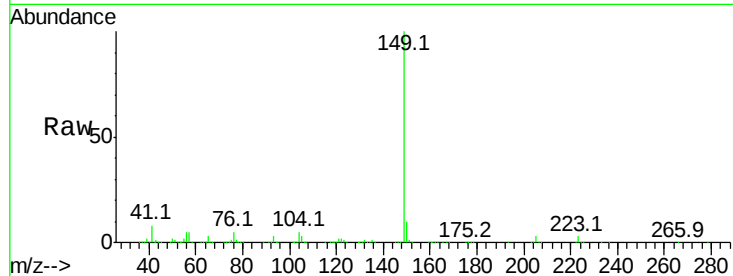
PB97297BS

Tot Ion:149 Resp: 1427910

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

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#74

Fluoranthene

Concen: 41.89 ng

RT: 12.56 min Scan# 916

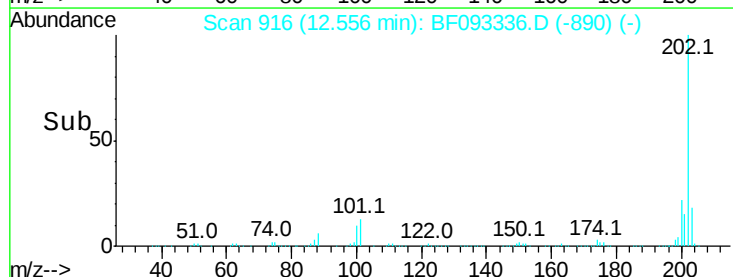
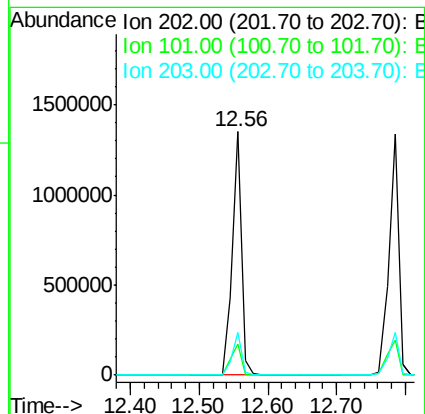
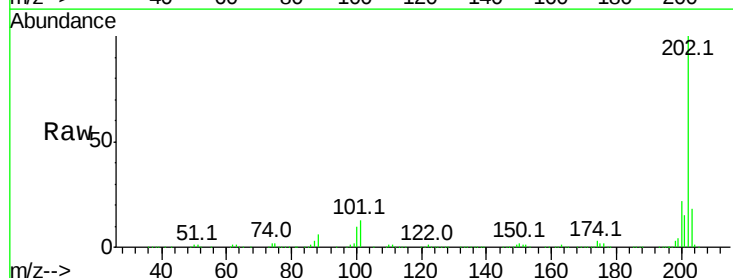
Delta R.T. -0.00 min

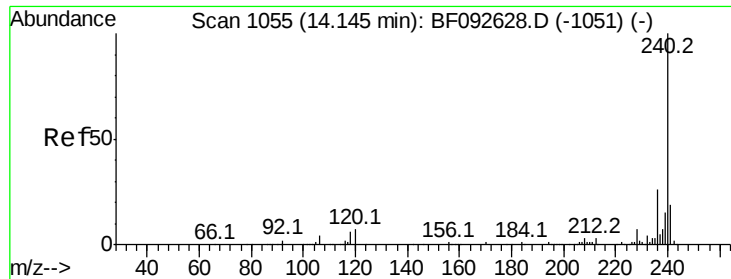
Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Tgt Ion:202 Resp: 1292237

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.6
203	17.7	0.0	38.7





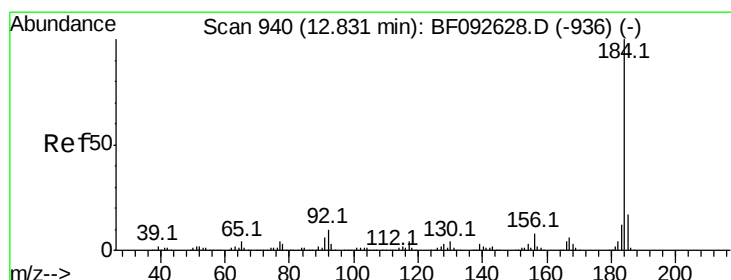
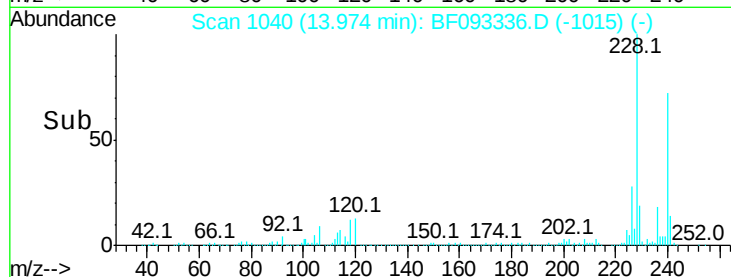
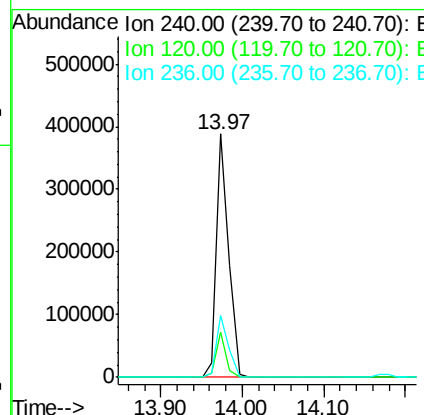
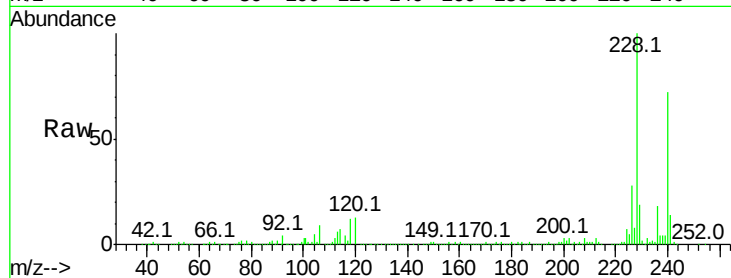
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	18.8	12.9	19.3
236	25.5	20.9	31.3

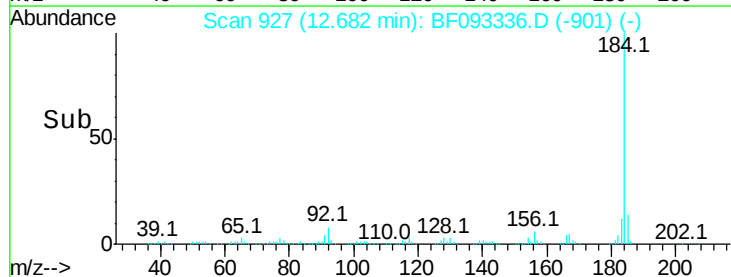
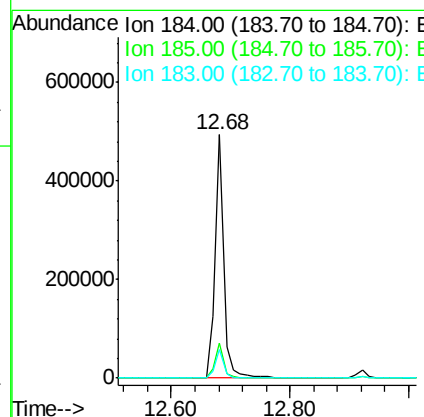
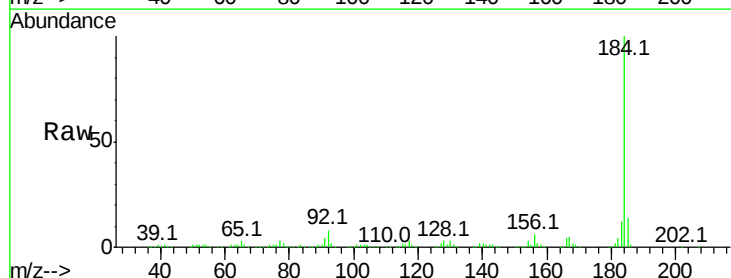
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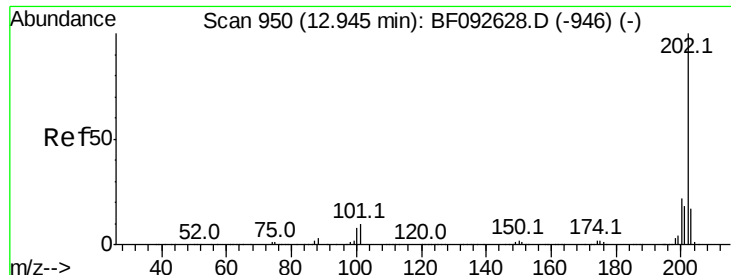
mohammad
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#76
Benzidine
Concen: 28.89 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	13.4	20.0
183	12.0	9.2	13.8





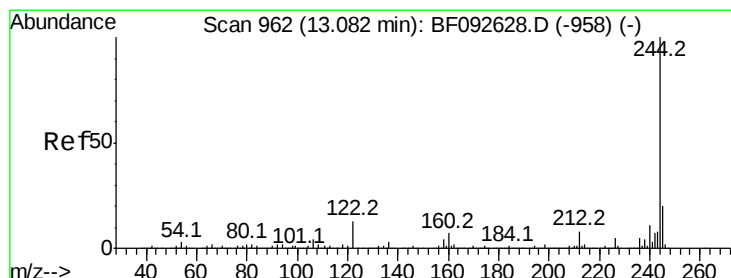
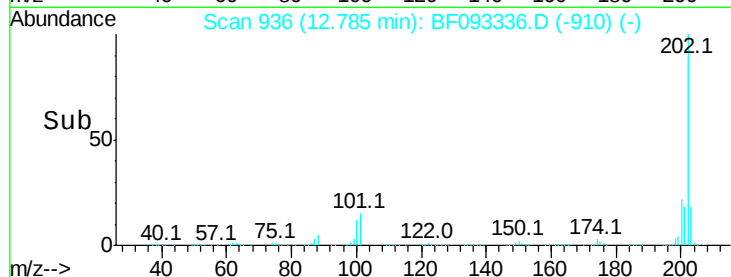
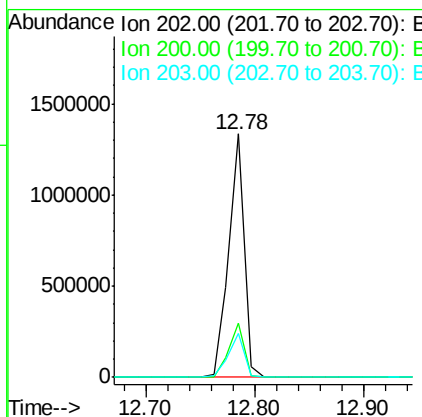
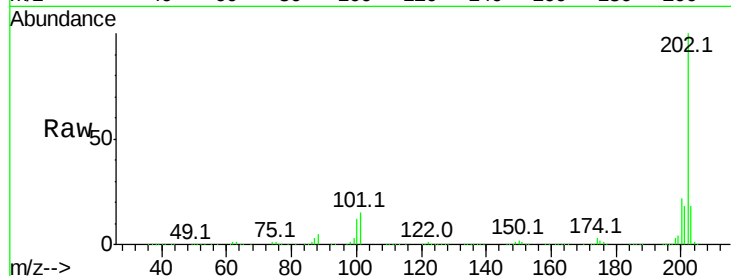
#77
Pvrene
Concen: 42.76 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.7	26.5
203	18.0	14.7	22.1

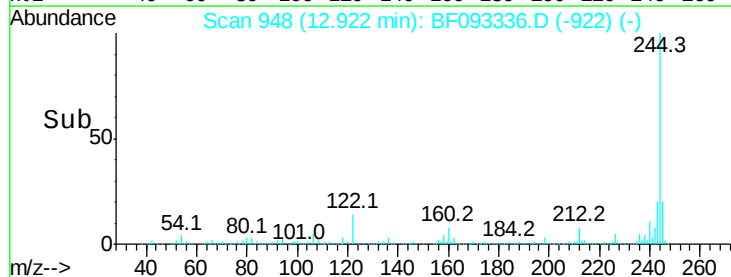
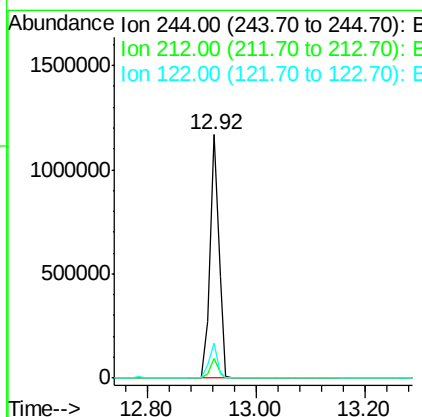
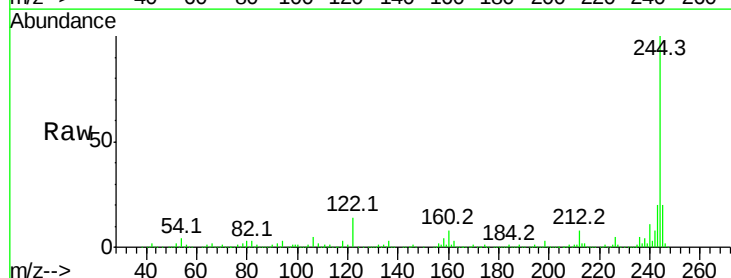
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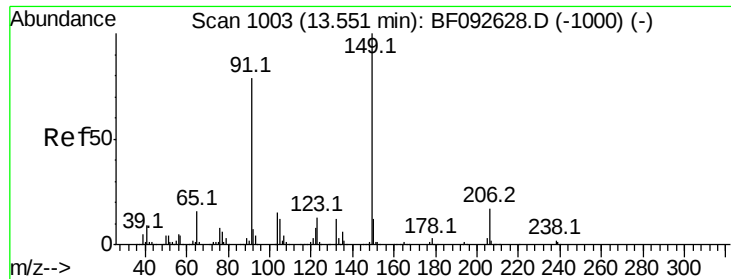
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#78
Terphenyl-d14
Concen: 76.32 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.2	11.4	17.2





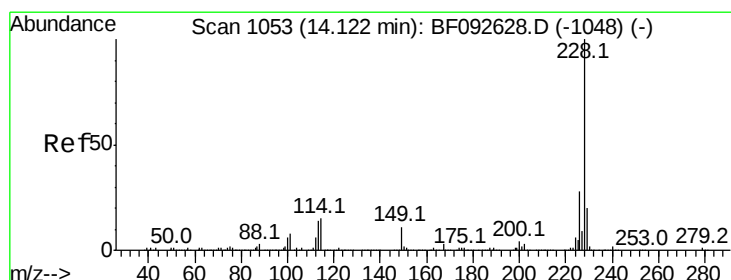
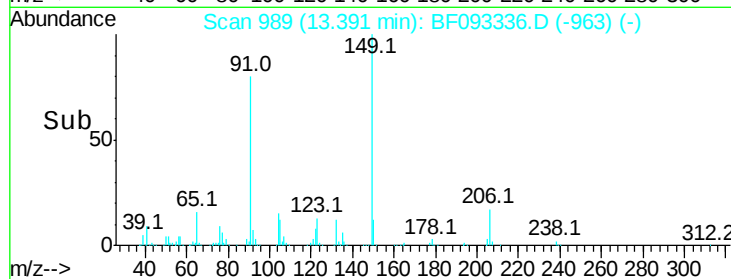
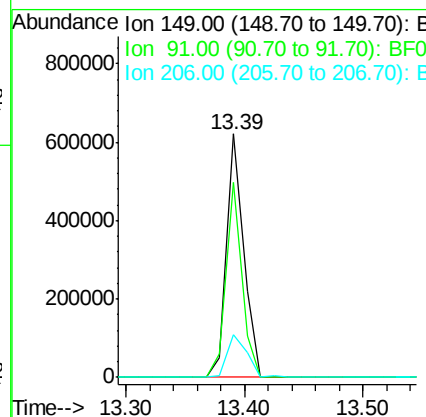
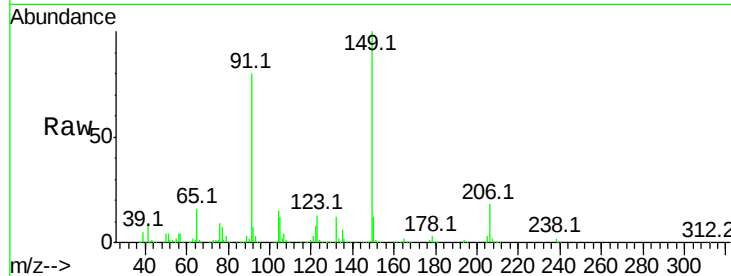
#79
Butylbenzylphthalate
Concen: 49.24 ng
RT: 13.39 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	615953		
91	80.2	63.9	95.9	
206	17.5	14.6	21.8	

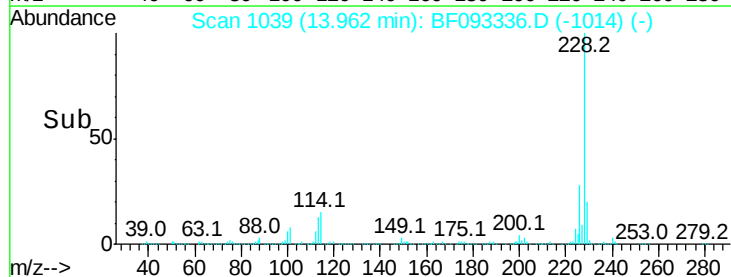
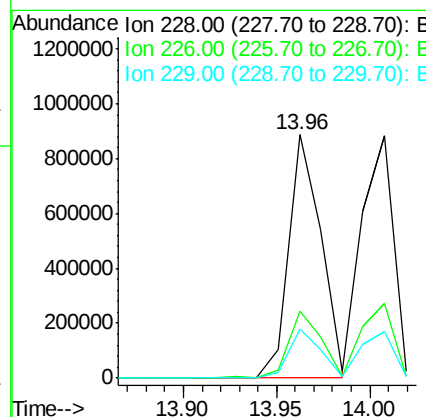
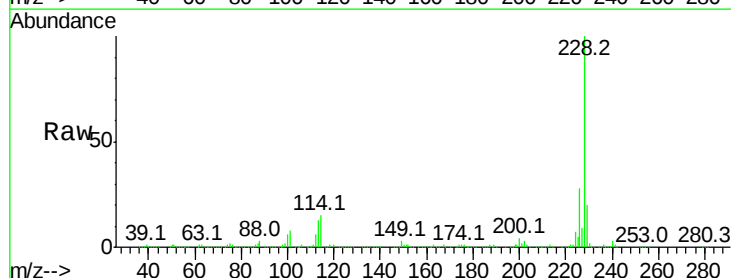
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#80
Benzo(a)anthracene
Concen: 42.48 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1069453		
226	27.6	22.4	33.6	
229	20.4	16.2	24.4	





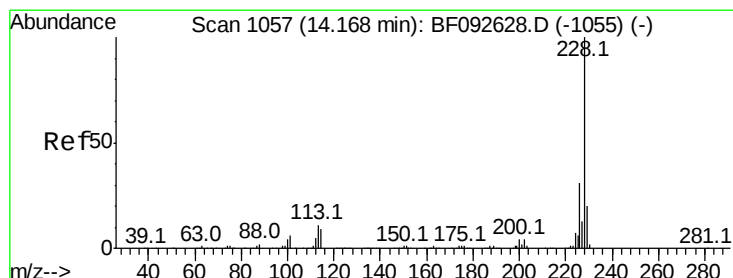
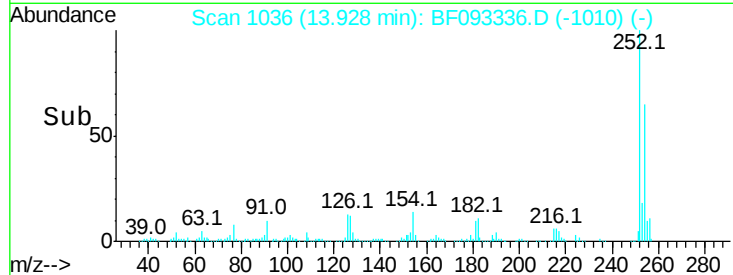
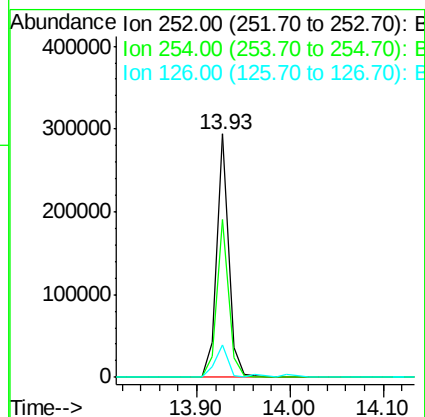
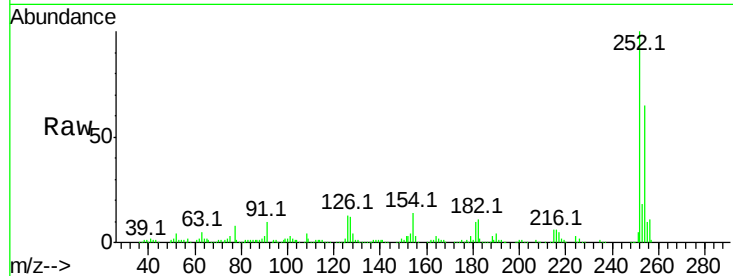
#81
 3,3'-Dichlorobenzidine
 Concen: 28.98 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	260062		
254	64.8	52.3	78.5	
126	13.2	13.6	20.4	

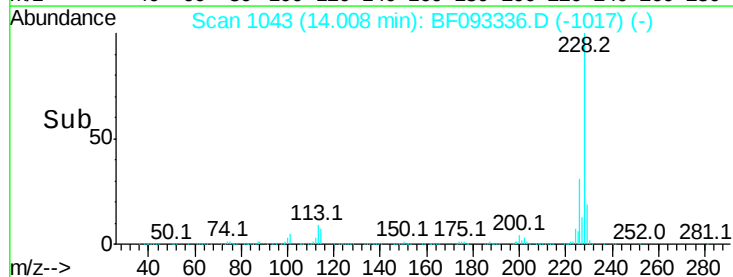
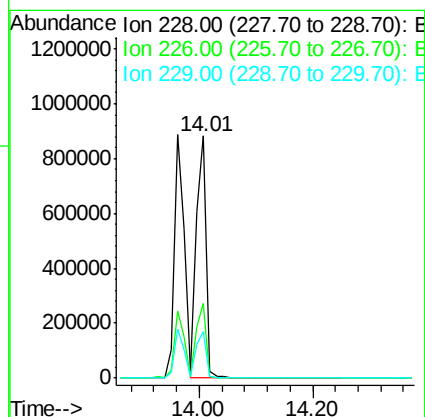
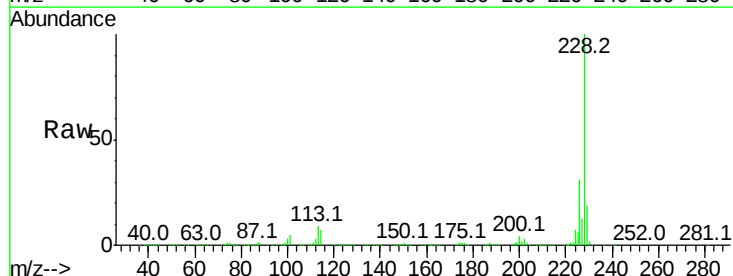
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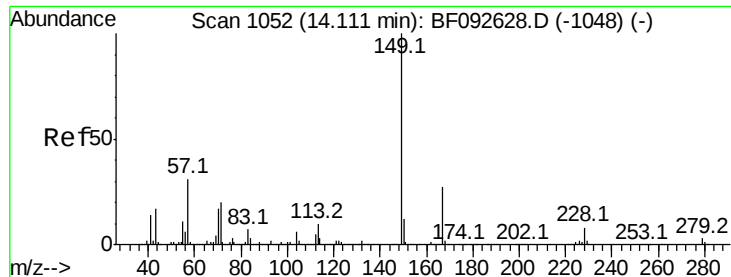
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#82
 Chrysene
 Concen: 44.69 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1053523		
226	30.9	25.4	38.0	
229	19.1	16.2	24.2	





#83

Bis(2-ethylhexyl)phthalate

Concen: 53.26 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

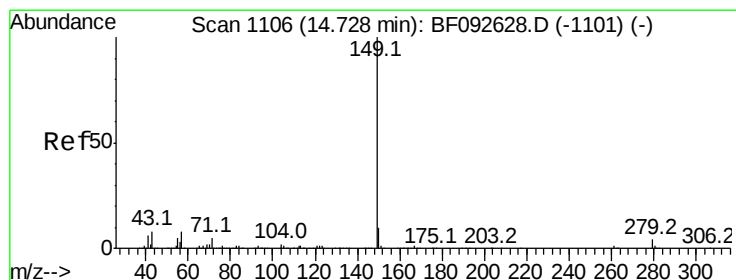
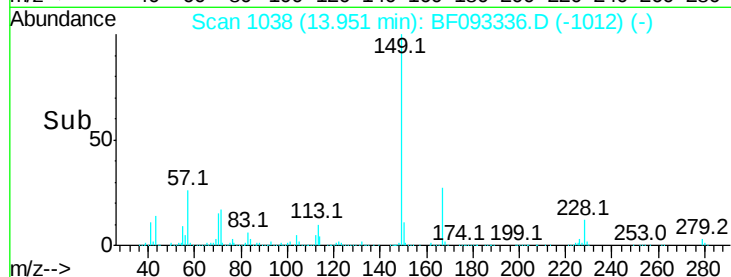
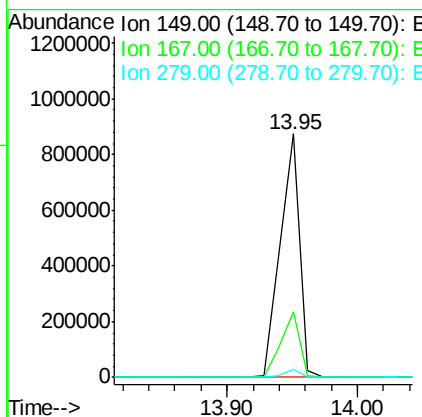
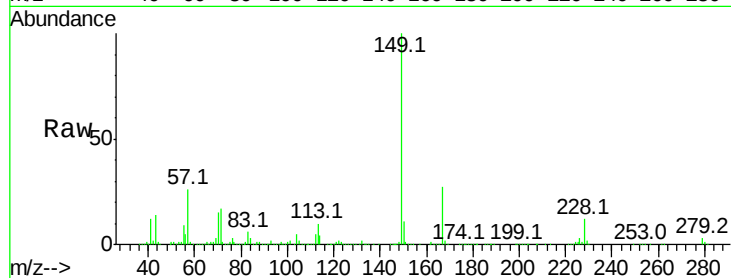
ClientSampled :

PB97297BS

Tot Ion:	149	Resp:	911231
Ion Ratio		Lower	Upper
149	100		
167	27.1	20.2	30.4
279	3.4	1.8	2.8#

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#84

Di-n-octyl phthalate

Concen: 50.92 ng

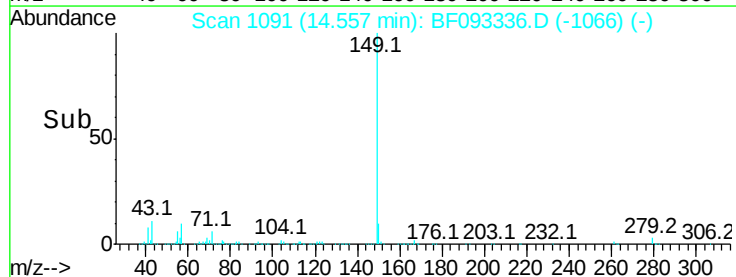
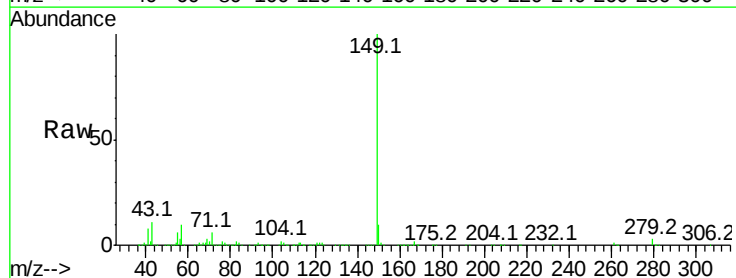
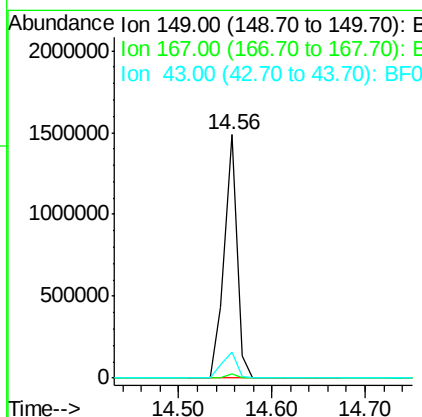
RT: 14.56 min Scan# 1091

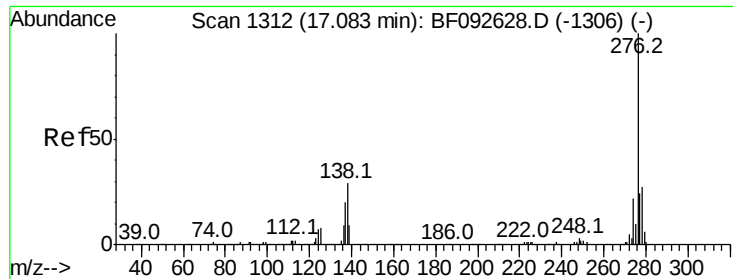
Delta R.T. -0.01 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Tgt Ion:	149	Resp:	1418708
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.2	8.9	13.3





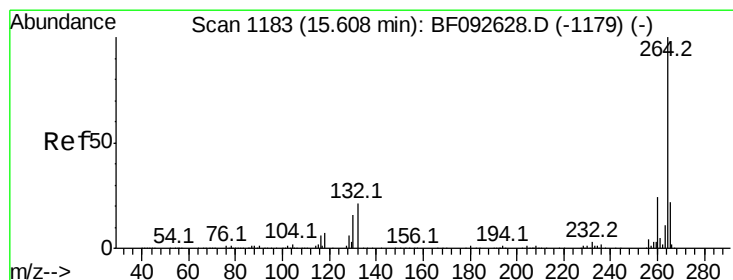
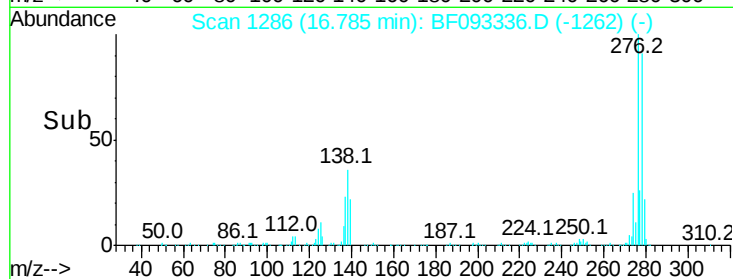
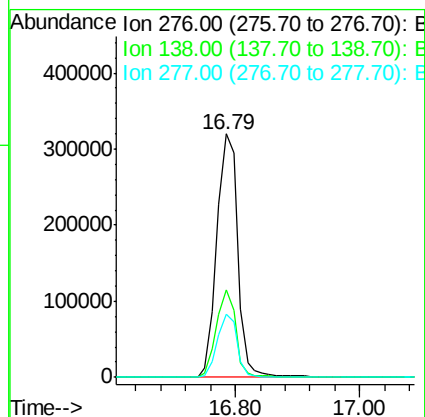
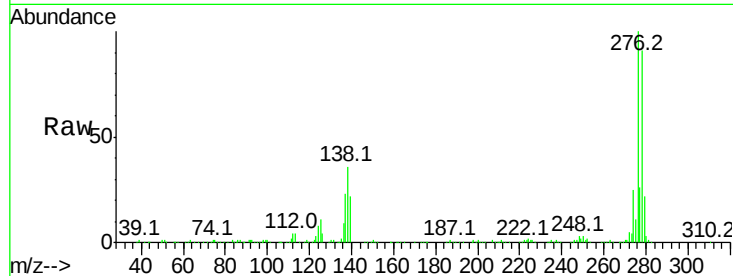
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.76 ng
RT: 16.79 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.0	21.8	32.6#
277	24.9	20.2	30.4

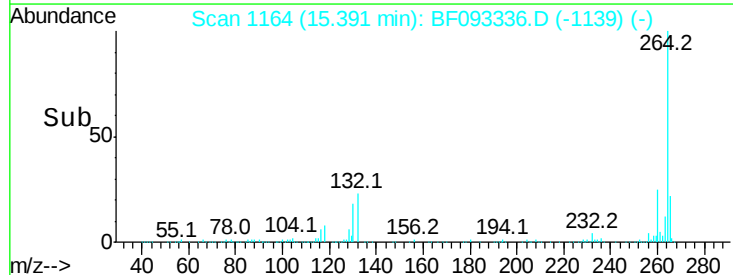
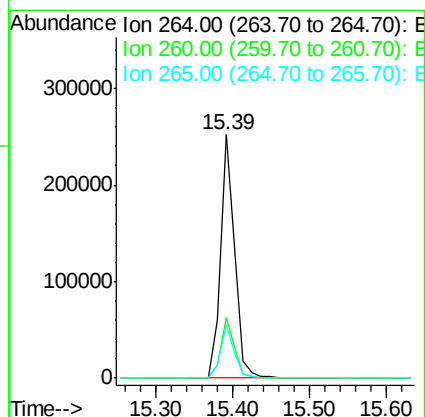
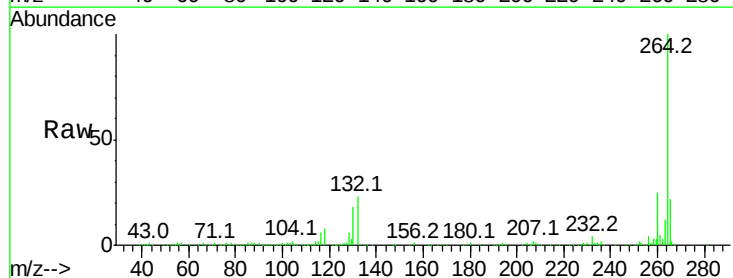
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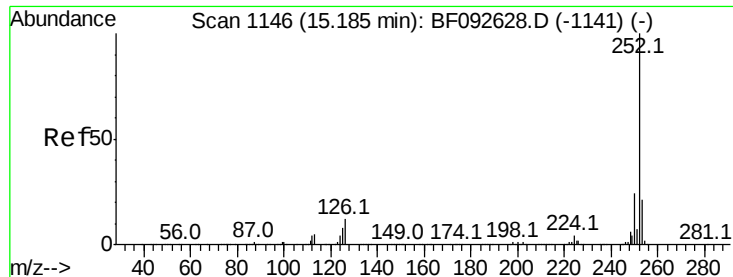
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	21.8	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.34 ng m

RT: 14.99 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Instrument :

BNA_F

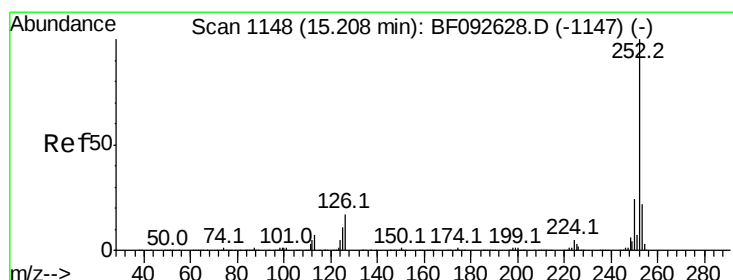
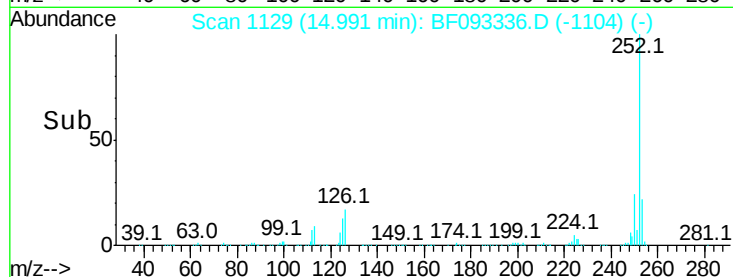
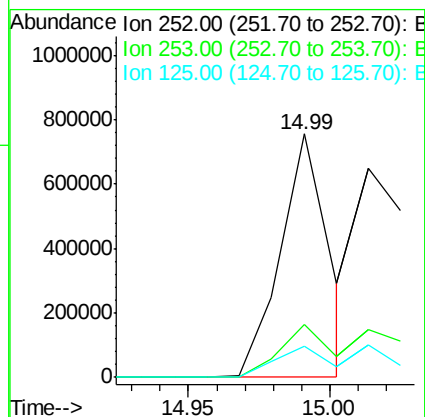
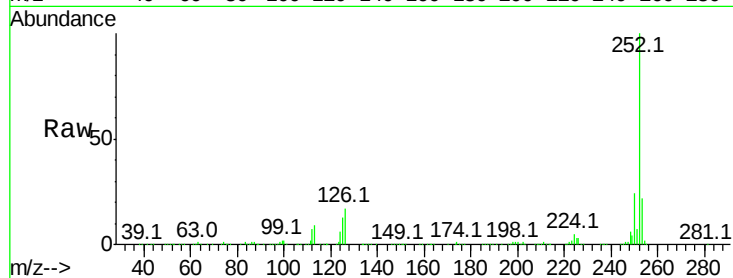
ClientSampled :

PB97297BS

Tot Ion:	252	Resp:	894429
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.4
125	12.7	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 45.83 ng m

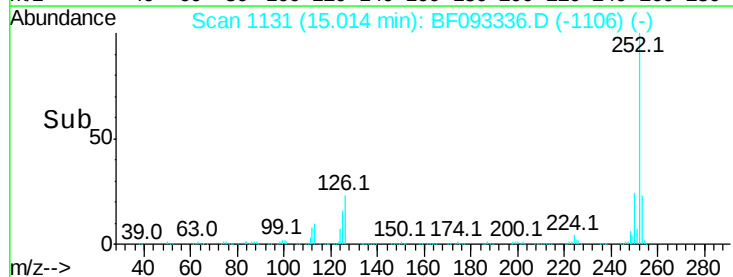
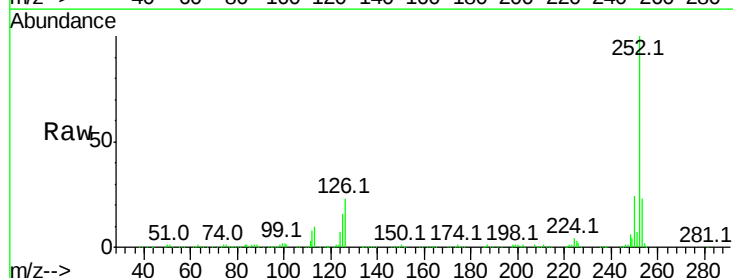
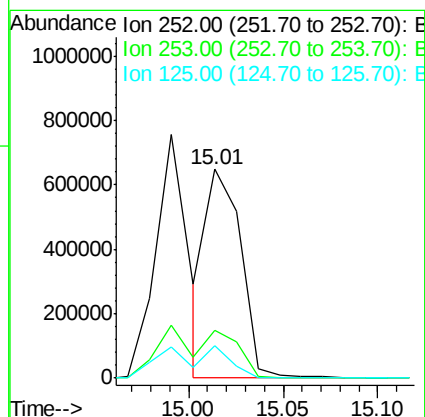
RT: 15.01 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF093336.D

Acq: 2 Mar 2017 22:23

Tgt Ion:	252	Resp:	835925
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.5	27.7
125	15.5	8.9	13.3#





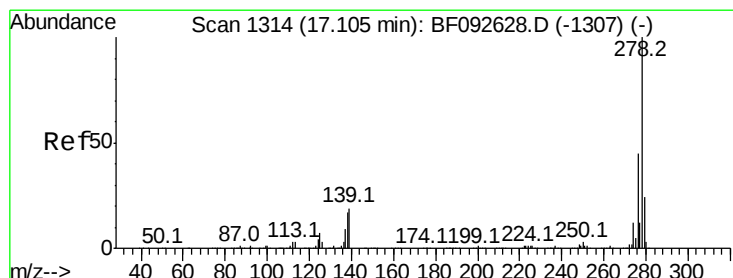
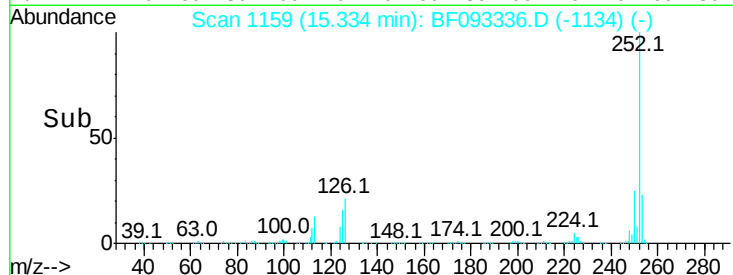
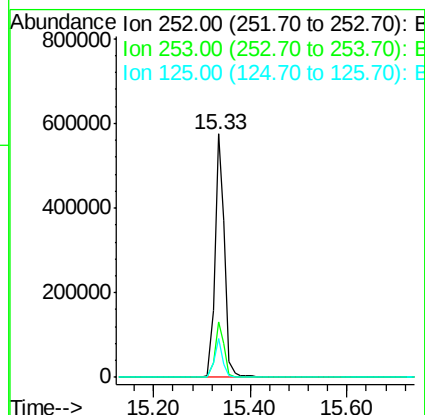
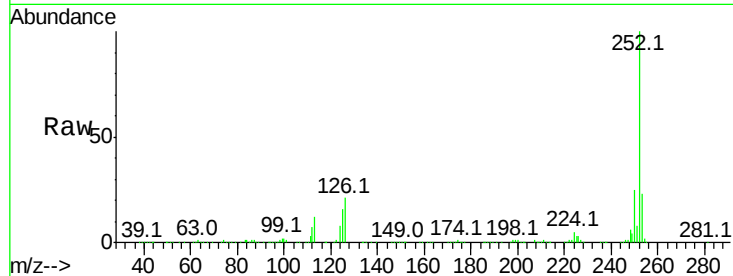
#89
Benzo(a)pyrene
Concen: 44.06 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Instrument :
BNA_F
ClientSampleId :
PB97297BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	16.1	10.0	15.0

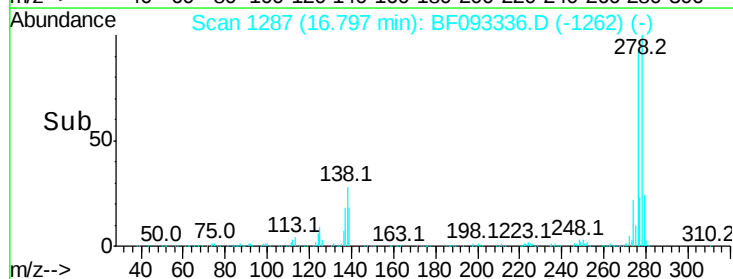
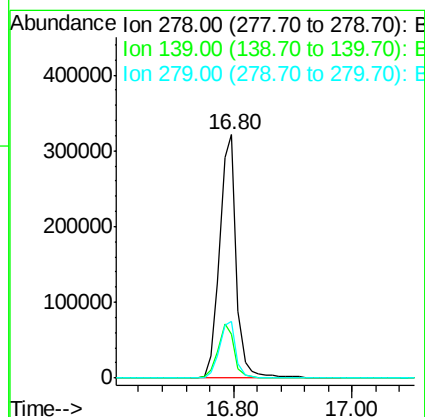
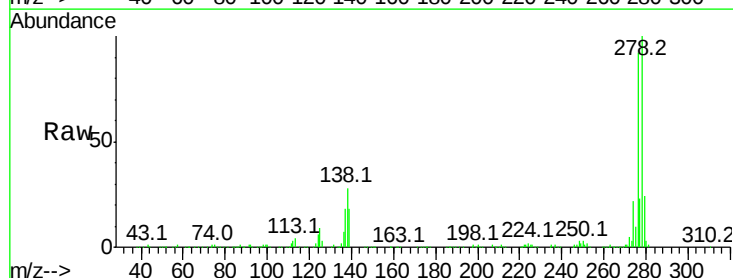
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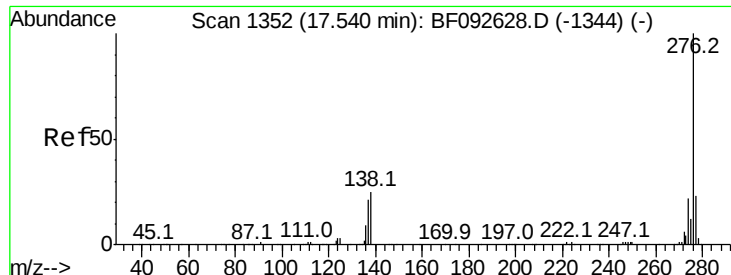
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#90
Dibenzo(a,h)anthracene
Concen: 42.38 ng
RT: 16.80 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF093336.D
Acq: 2 Mar 2017 22:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.8	22.2
279	23.5	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.51 ng
 RT: 17.20 min Scan# 1322
 Delta R.T. -0.02 min
 Lab File: BF093336.D
 Acq: 2 Mar 2017 22:23

Instrument :
 BNA_F
 ClientSampleId :
 PB97297BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.0	19.2	28.8
138	29.9	16.0	24.0

Manual Integrations
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