

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022017\
 Data File : BF093034.D
 Acq On : 20 Feb 2017 17:58
 Operator : SJ/MA
 Sample : PB97034BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

Manual Integrations
 APPROVED

mohammad
 2/21/2017 3:57:29 PM

Quant Time: Feb 20 23:53:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	154558	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	611224	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	298573	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	538448	20.00	ng	0.00
75) Chrysene-d12	14.01	240	410286	20.00	ng	-0.01
86) Perylene-d12	15.44	264	297905	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	1195604	132.71	ng	0.00
7) Phenol-d6	6.49	99	1617725	139.56	ng	0.00
23) Nitrobenzene-d5	7.42	82	1026972	93.57	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	315829	146.25	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1644358	99.78	ng	0.00
78) Terphenyl-d14	12.96	244	1327624	76.03	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	175155	35.98	ng	# 83
3) Pyridine	3.20	79	528879	42.73	ng	# 77
4) n-Nitrosodimethylamine	3.16	42	247353	42.56	ng	87
6) Aniline	6.51	93	366936	23.21	ng	# 81
8) 2-Chlorophenol	6.64	128	475886	47.88	ng	95
9) Benzaldehyde	6.40	77	82491	9.93	ng	98
10) Phenol	6.51	94	522133	38.50	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	476338	44.00	ng	99
12) 1,3-Dichlorobenzene	6.78	146	502443	43.16	ng	# 93
13) 1,4-Dichlorobenzene	6.86	146	530846	45.06	ng	96
14) 1,2-Dichlorobenzene	7.01	146	453951	40.29	ng	95
15) Benzyl Alcohol	6.99	79	380697	44.36	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	812664	43.21	ng	95
17) 2-Methylphenol	7.12	107	411602	48.27	ng	97
18) Hexachloroethane	7.36	117	171395	42.61	ng	# 89
19) n-Nitroso-di-n-propylamine	7.26	70	320954	43.50	ng	95
20) 3+4-Methylphenols	7.26	107	470422	46.15	ng	# 70
22) Acetophenone	7.26	105	598601	42.89	ng	# 92
24) Nitrobenzene	7.44	77	483108	42.86	ng	97
25) Isophorone	7.68	82	928905	45.42	ng	96
26) 2-Nitrophenol	7.76	139	264660	49.40	ng	95
27) 2,4-Dimethylphenol	7.80	122	463859	49.30	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	620449	45.80	ng	100
29) 2,4-Dichlorophenol	8.00	162	381871	43.52	ng	87
30) 1,2,4-Trichlorobenzene	8.08	180	403912	42.71	ng	# 96
31) Naphthalene	8.16	128	1261367	40.71	ng	99
32) Benzoic acid	7.94	122	208957	40.51	ng	99
33) 4-Chloroaniline	8.21	127	138218	11.37	ng	98
34) Hexachlorobutadiene	8.28	225	219865	42.26	ng	99
35) Caprolactam	8.59	113	132378m	47.96	ng	
36) 4-Chloro-3-methylphenol	8.70	107	409374	44.75	ng	99
37) 2-Methylnaphthalene	8.85	142	905260	45.50	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	395422	47.18	ng	99
40) Hexachlorocyclopentadiene	9.00	237	336376	88.96	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.14	196	296755	53.89	nq	94
43) 2,4,5-Trichlorophenol	9.18	196	289595	47.99	nq	# 86
45) 1,1'-Biphenyl	9.32	154	1088376	50.34	nq	100
46) 2-Chloronaphthalene	9.34	162	889085	52.57	nq	99
47) 2-Nitroaniline	9.45	65	274783	48.32	nq	# 64
48) Acenaphthylene	9.76	152	1297887	44.42	nq	99
49) Dimethylphthalate	9.62	163	948411	47.16	nq	98
50) 2,6-Dinitrotoluene	9.69	165	242446	55.82	nq	95
51) Acenaphthene	9.93	154	759427	43.47	nq	97
52) 3-Nitroaniline	9.85	138	98559	19.83	nq	92
53) 2,4-Dinitrophenol	9.96	184	227707	101.70	nq	# 58
54) Dibenzofuran	10.10	168	1077681	46.13	nq	97
55) 4-Nitrophenol	10.03	139	341579	95.42	nq	91
56) 2,4-Dinitrotoluene	10.09	165	256498	44.36	nq	93
57) Fluorene	10.44	166	872745	48.55	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	228554	56.78	nq	93
59) Diethylphthalate	10.32	149	895498	47.25	nq	99
60) 4-Chlorophenyl-phenylether	10.43	204	376898	43.65	nq	92
61) 4-Nitroaniline	10.46	138	235254	46.21	nq	93
62) Azobenzene	10.59	77	1013412	51.76	nq	98
64) 4,6-Dinitro-2-methylphenol	10.50	198	165021	50.22	nq	# 64
65) n-Nitrosodiphenylamine	10.56	169	803316	46.70	nq	100
66) 4-Bromophenyl-phenylether	10.92	248	247931	44.07	nq	95
67) Hexachlorobenzene	10.99	284	257152	46.26	nq	100
68) Atrazine	11.08	200	240528	43.57	nq	99
69) Pentachlorophenol	11.18	266	258948	89.31	nq	98
70) Phenanthrene	11.40	178	1338365	43.38	nq	99
71) Anthracene	11.45	178	1302526	42.05	nq	100
72) Carbazole	11.61	167	1130346	38.17	nq	99
73) Di-n-butylphthalate	11.94	149	1602551	50.04	nq	# 96
74) Fluoranthene	12.59	202	1322308	41.56	nq	91
76) Benzidine	12.71	184	268425	15.35	nq	96
77) Pyrene	12.82	202	1342951	43.74	nq	98
79) Butylbenzylphthalate	13.43	149	590815	47.38	nq	97
80) Benzo(a)anthracene	14.00	228	1026308	40.90	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	195288	21.83	nq	# 95
82) Chrysene	14.04	228	987345	42.02	nq	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	786996	46.15	nq	98
84) Di-n-octyl phthalate	14.59	149	1342836	48.36	nq	100
85) Indeno(1,2,3-cd)pyrene	16.84	276	744443	40.91	nq	# 94
87) Benzo(b)fluoranthene	15.03	252	824069m	42.03	nq	
88) Benzo(k)fluoranthene	15.06	252	861624m	50.89	nq	
89) Benzo(a)pyrene	15.38	252	760150	44.82	nq	98
90) Dibenzo(a,h)anthracene	16.85	278	627222	45.76	nq	99
91) Benzo(g,h,i)perylene	17.27	276	641382	46.32	nq	# 93

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

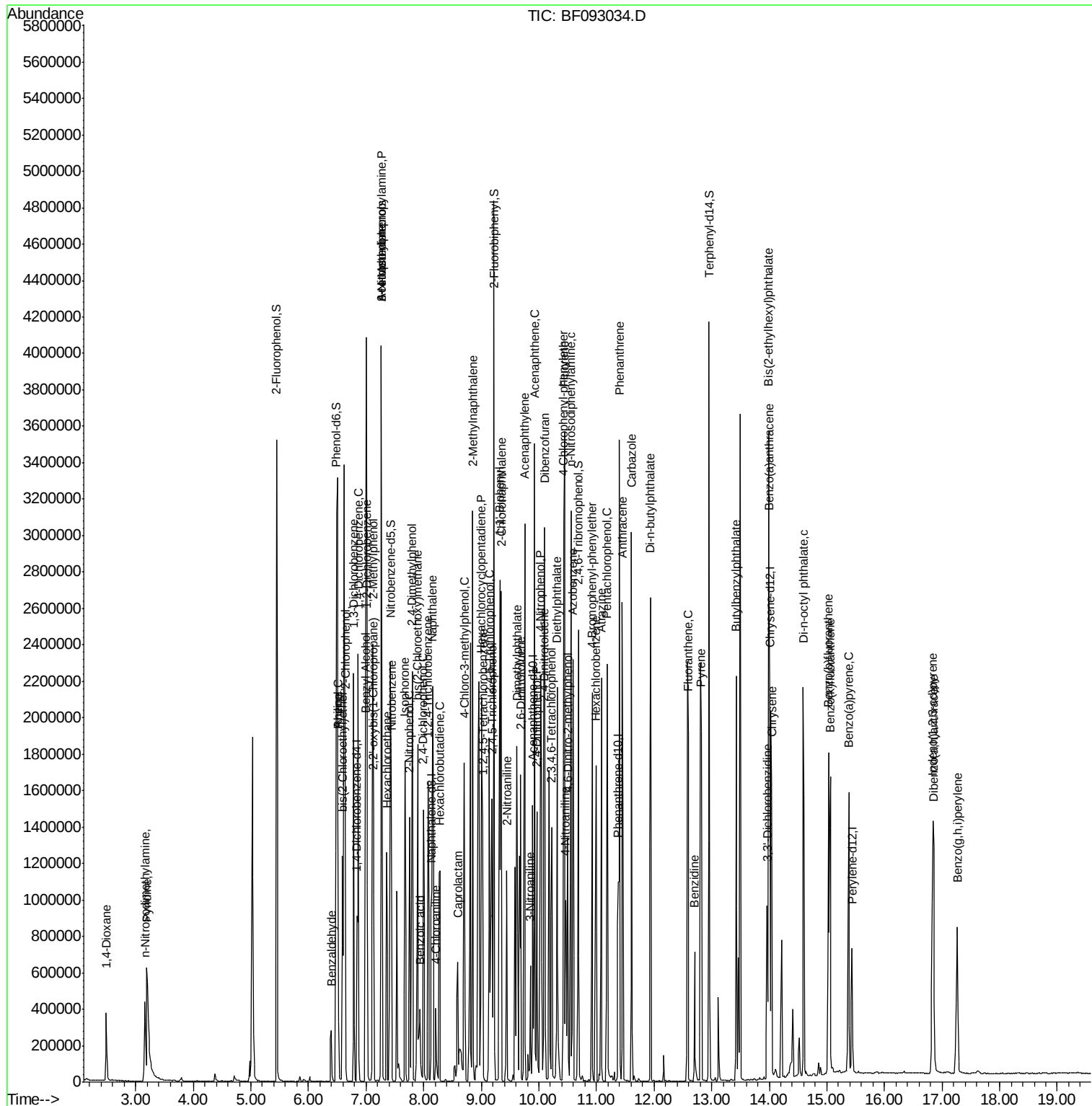
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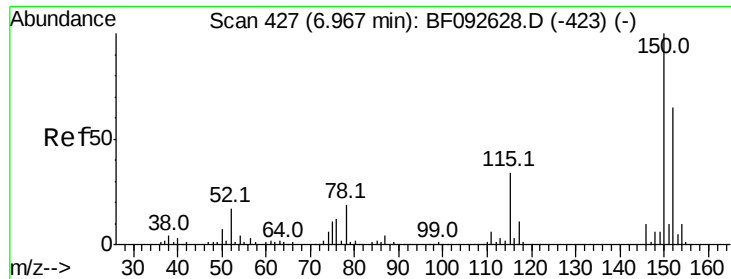
Instrument :
BNA_F
ClientSampled :
PB97034BS

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#1

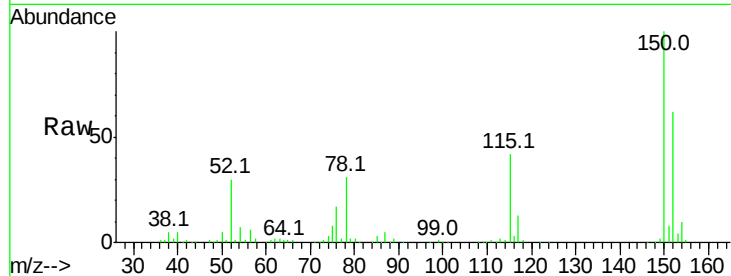
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	124.9	187.3
115	67.6	46.0	69.0

Manual Integrations
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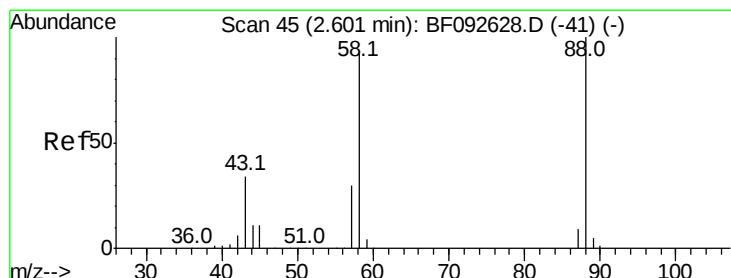
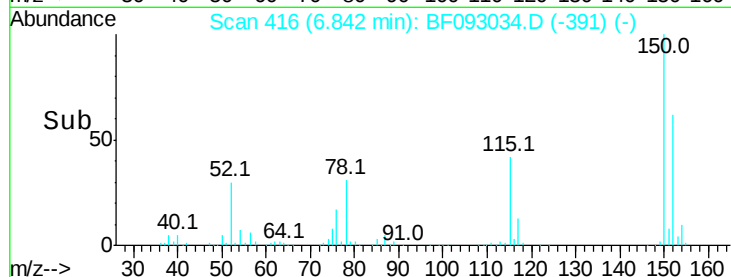
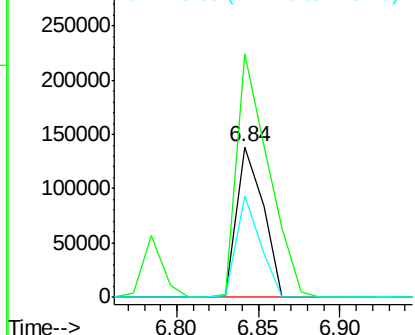


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

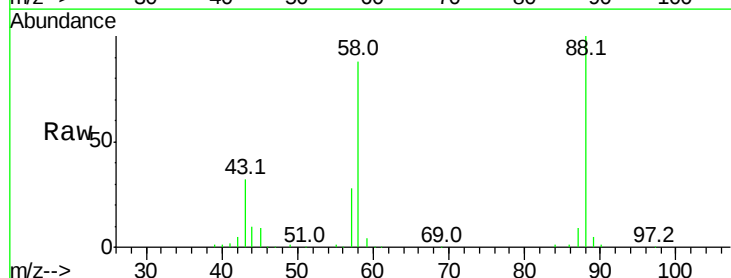
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.98 ng
RT: 2.49 min Scan# 35
Delta R.T. 0.06 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.8	57.8	86.8#
43	32.3	22.3	33.5

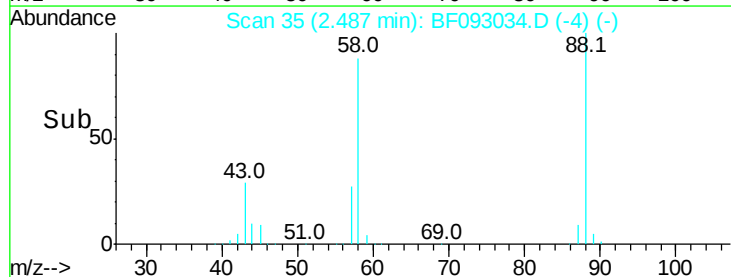
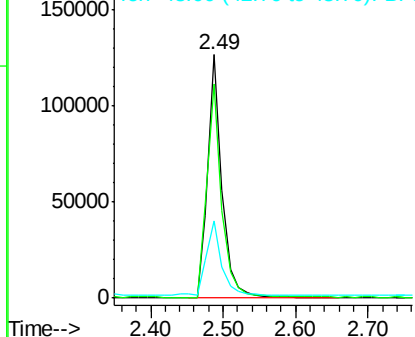


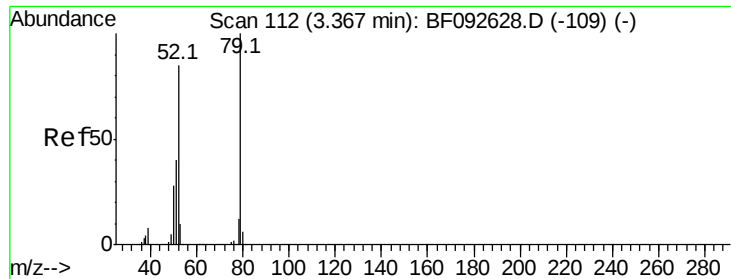
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 42.73 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.05 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

Tot Ion: 79 Resp: 528879

Ion Ratio Lower Upper

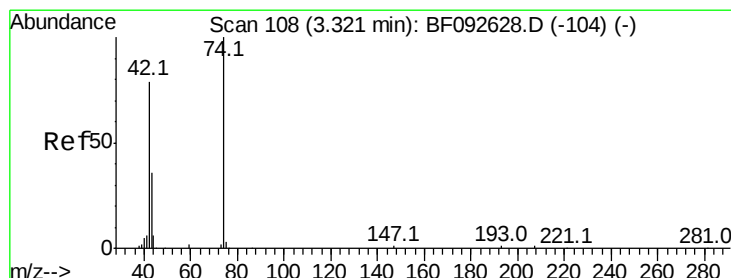
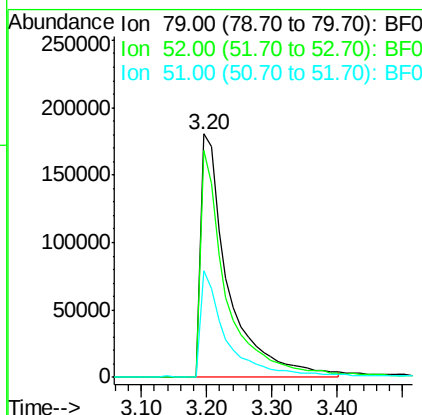
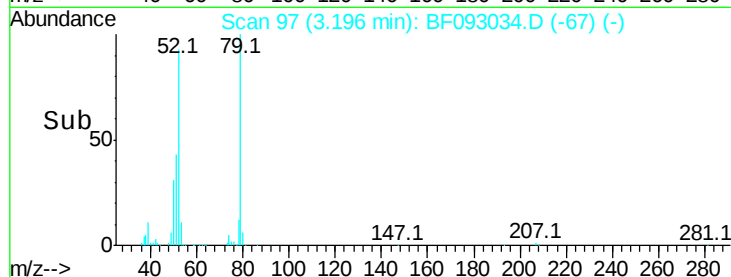
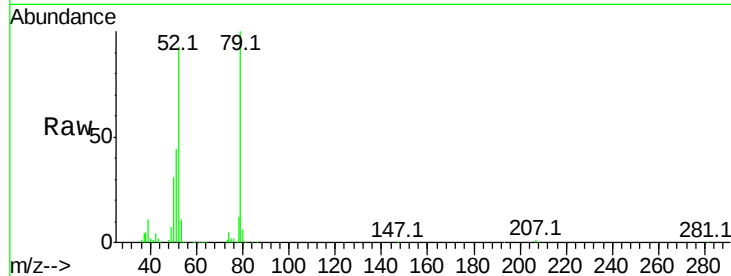
79 100

52 93.4 57.1 85.7#

51 43.9 27.3 40.9#

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#4

n-Nitrosodimethylamine

Concen: 42.56 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.06 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

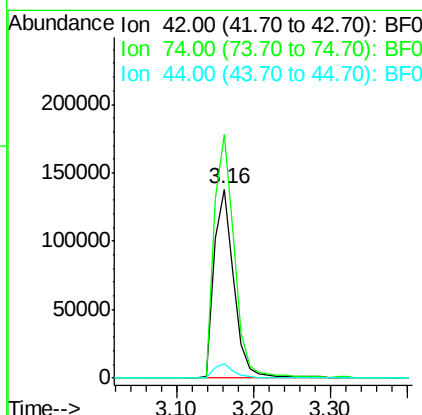
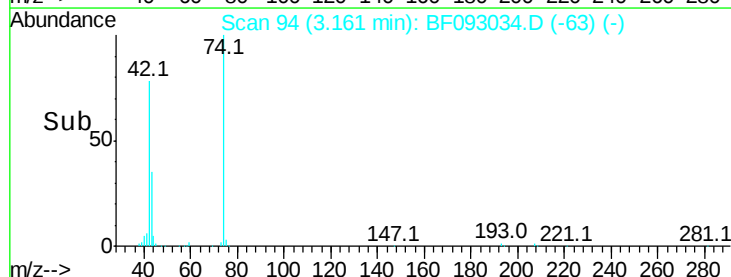
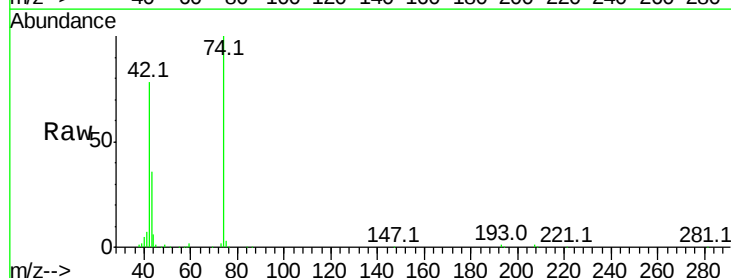
Tgt Ion: 42 Resp: 247353

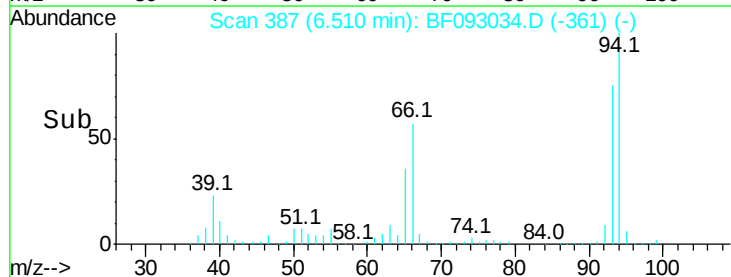
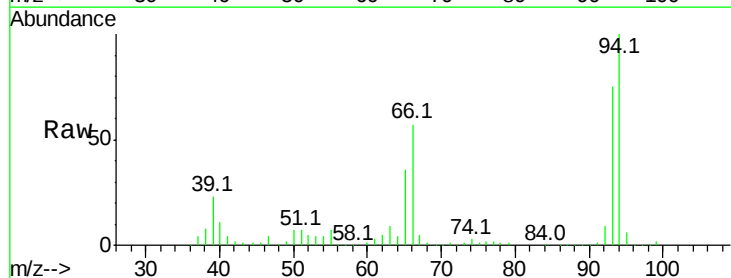
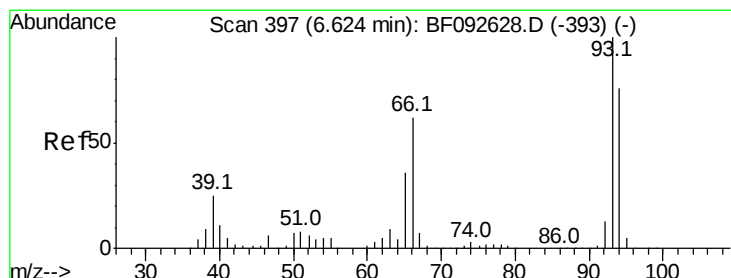
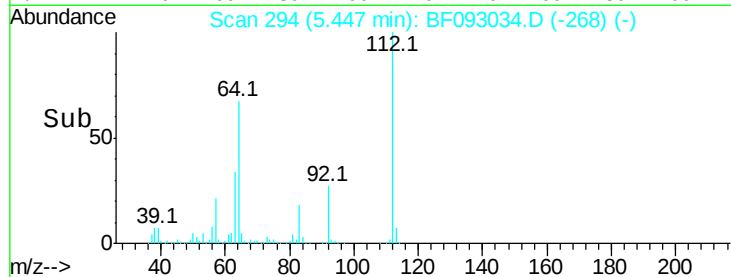
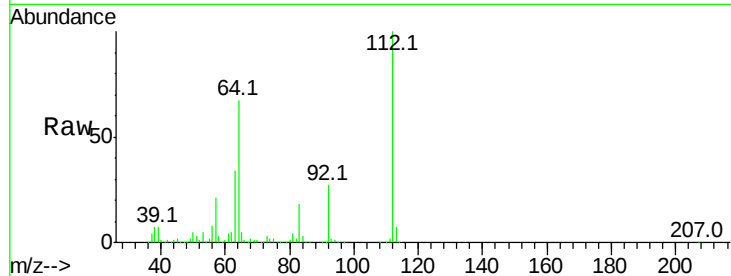
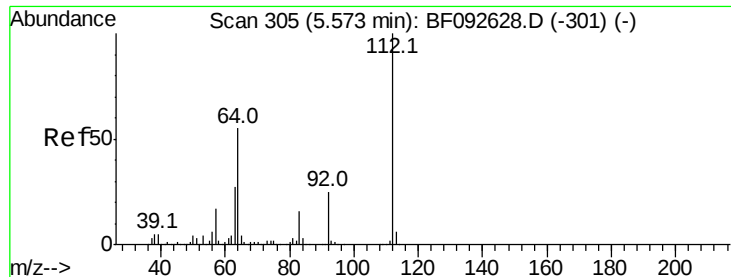
Ion Ratio Lower Upper

42 100

74 129.0 117.0 175.4

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 132.71 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Tot Ion:	112	Resp:	1195604
Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.1	69.1
63	34.0	23.8	35.6

Instrument :

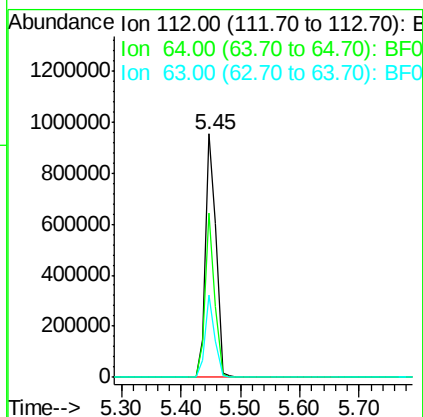
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 23.21 ng

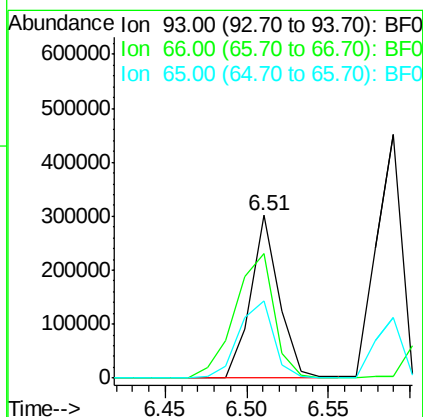
RT: 6.51 min Scan# 387

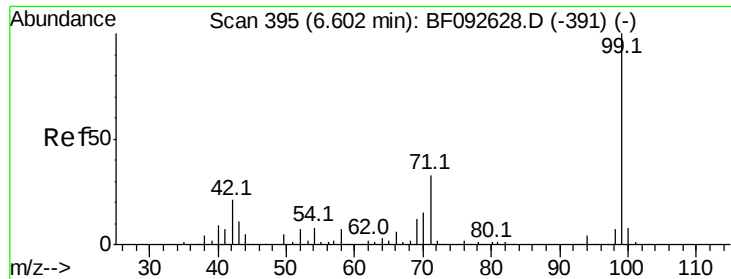
Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Tgt Ion:	93	Resp:	366936
Ion	Ratio	Lower	Upper
93	100		
66	76.5	76.2	114.2
65	47.6	49.3	73.9#





#7

Phenol-d6

Concen: 139.56 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

Tot Ion: 99 Resp: 1617725

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

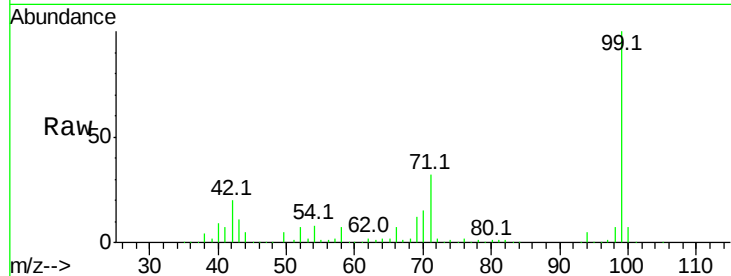
71 32.3 27.5 41.3

Manual Integrations

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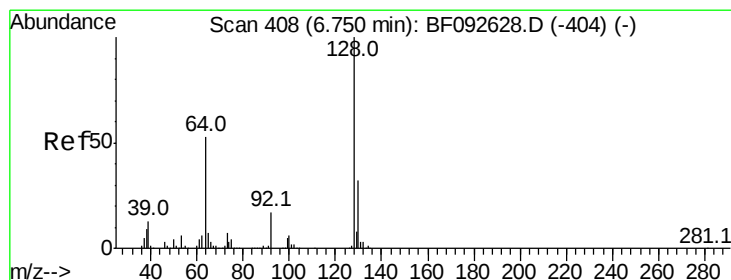
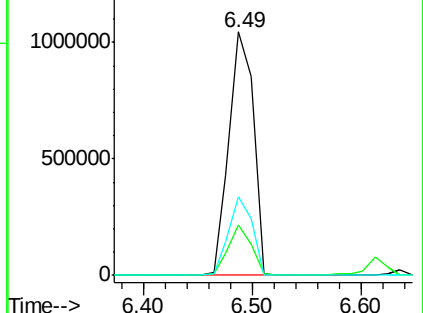
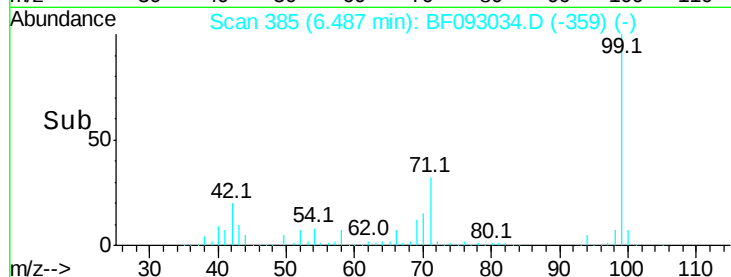
2/21/2017 3:57:29 PM



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: 47.88 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

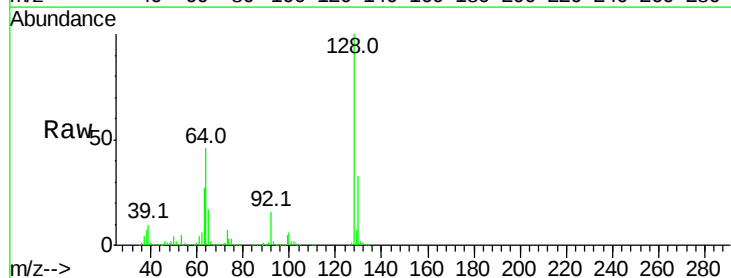
Tgt Ion:128 Resp: 475886

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

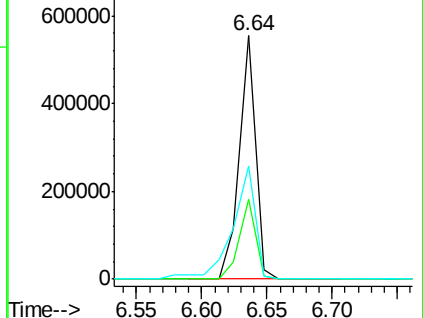
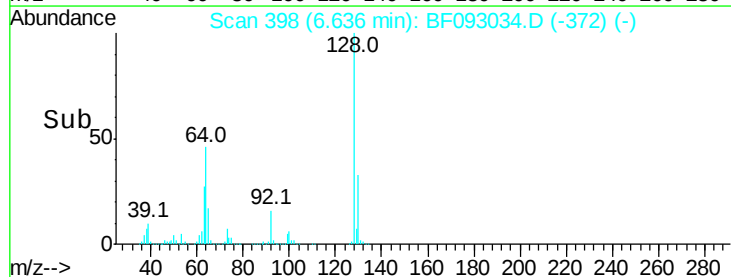
64 46.4 32.2 72.2



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





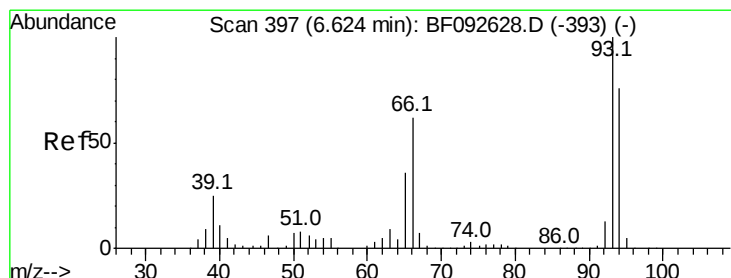
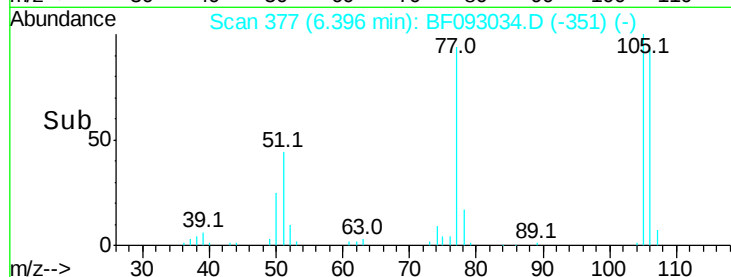
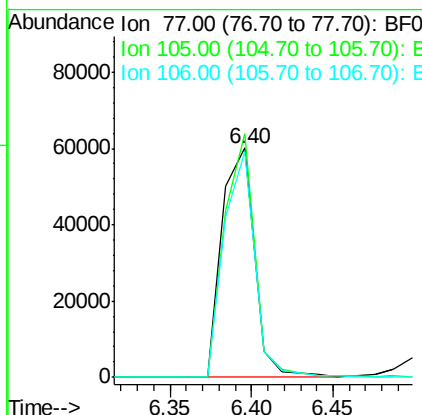
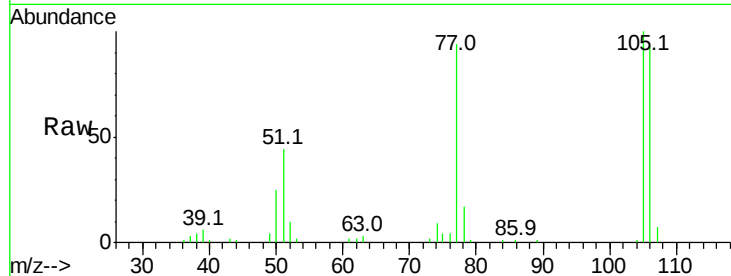
#9
Benzaldehyde
Concen: 9.93 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.00 min
Lab File: BF093034.D
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Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion: 77 Resp: 82491
Ion Ratio Lower Upper
77 100
105 106.2 83.9 123.9
106 98.3 77.6 117.6

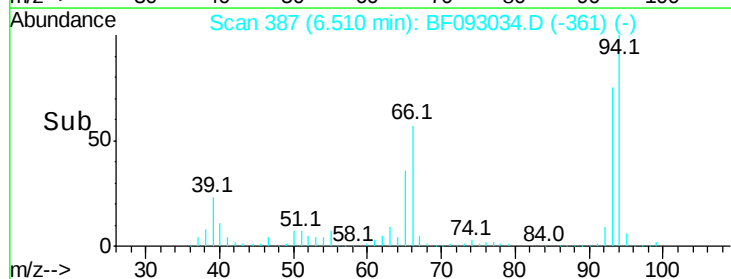
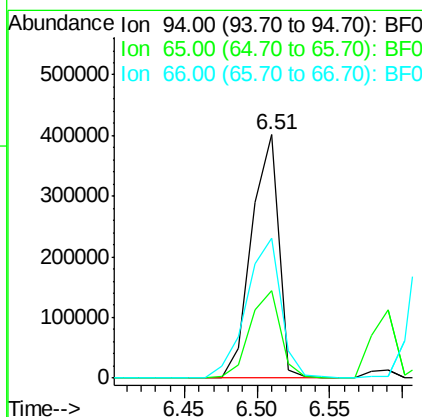
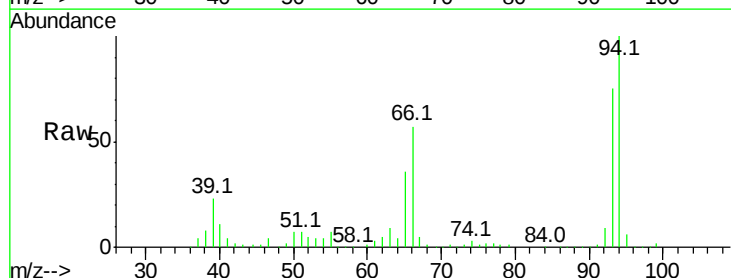
Manual Integrations
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#10
Phenol
Concen: 38.50 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion: 94 Resp: 522133
Ion Ratio Lower Upper
94 100
65 35.7 21.4 61.4
66 57.4 44.0 84.0





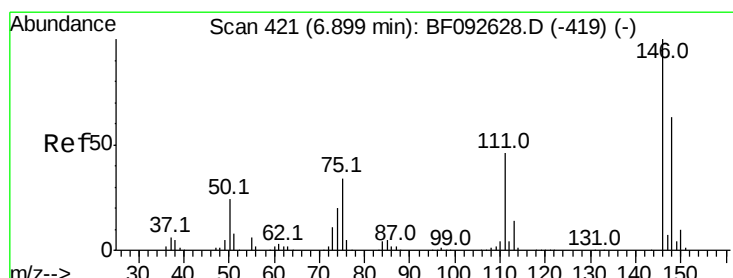
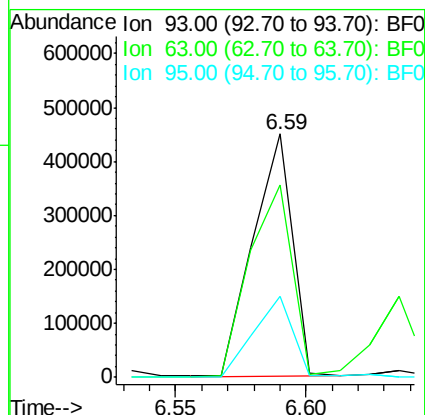
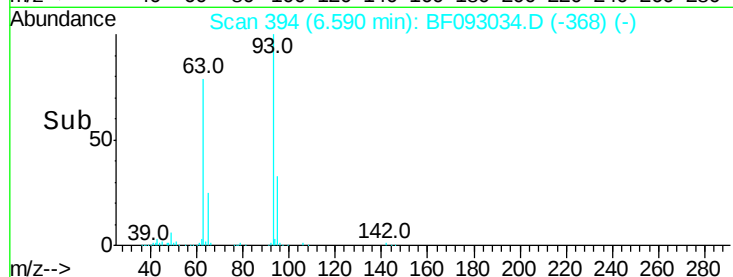
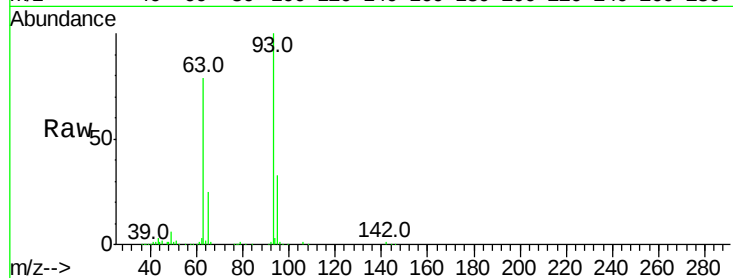
#11
bis(2-Chloroethyl)ether
Concen: 44.00 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.8	60.4	100.4
95	33.1	12.8	52.8

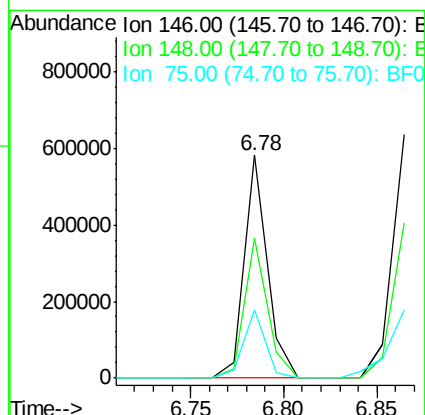
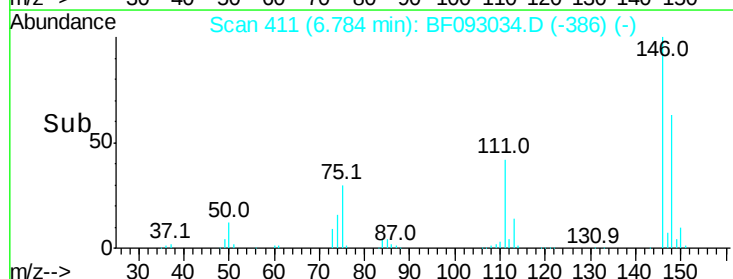
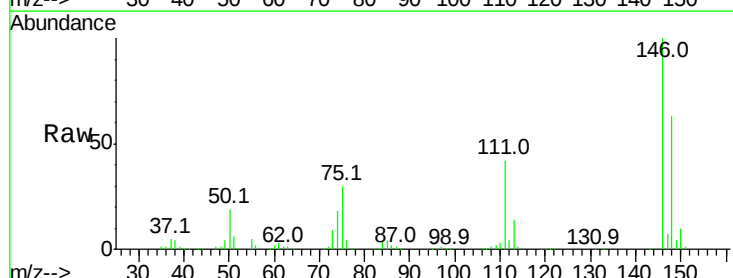
Manual Integrations
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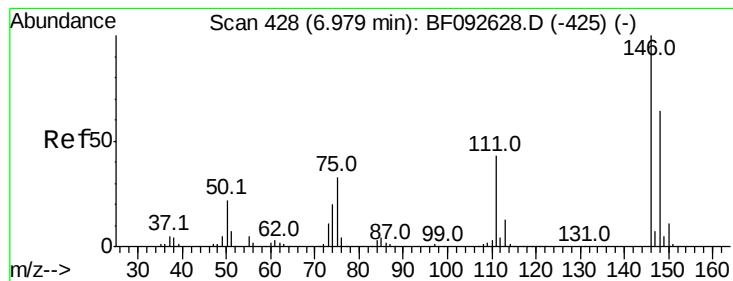
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#12
1,3-Dichlorobenzene
Concen: 43.16 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	53.4	80.0
75	30.4	18.5	27.7





#13

1,4-Dichlorobenzene

Concen: 45.06 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

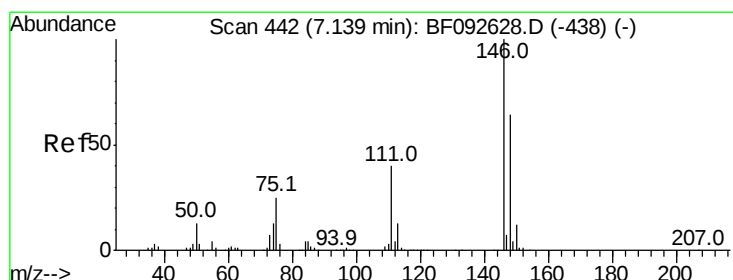
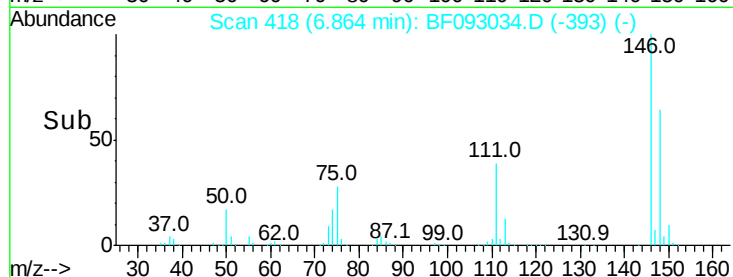
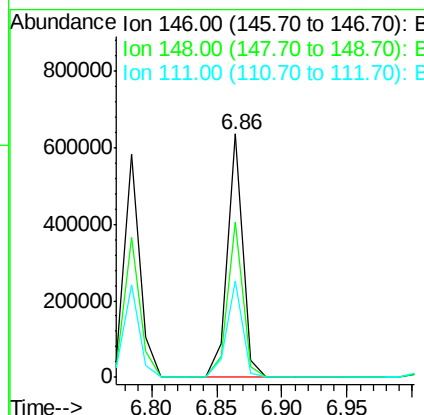
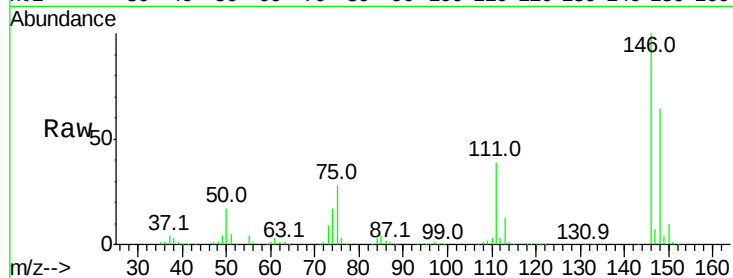
ClientSampleId :

PB97034BS

Tot Ion:	146	Resp:	530846
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	76.0
111	39.4	36.2	54.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 40.29 ng

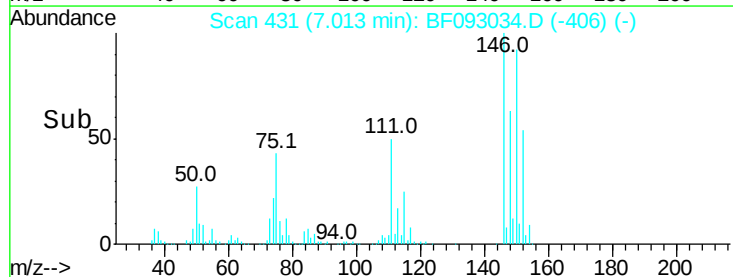
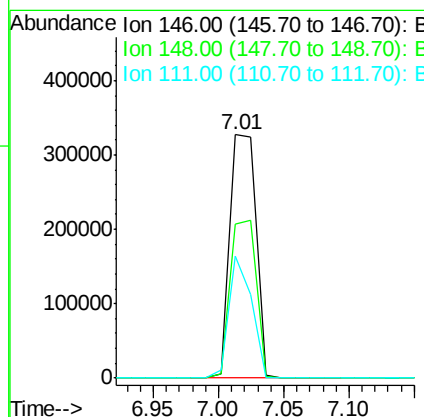
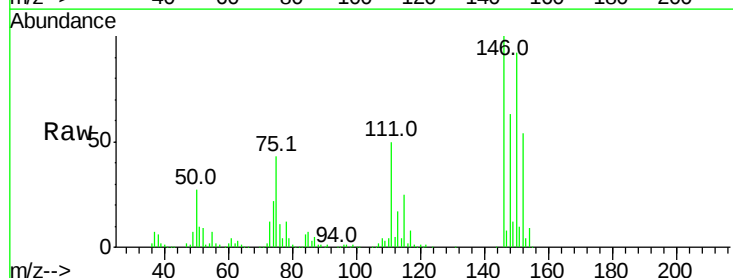
RT: 7.01 min Scan# 431

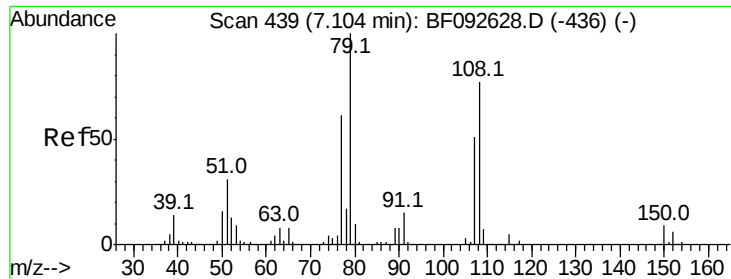
Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Tgt Ion:	146	Resp:	453951
Ion Ratio	Lower	Upper	
146	100		
148	63.2	52.2	78.2
111	50.0	36.2	54.2





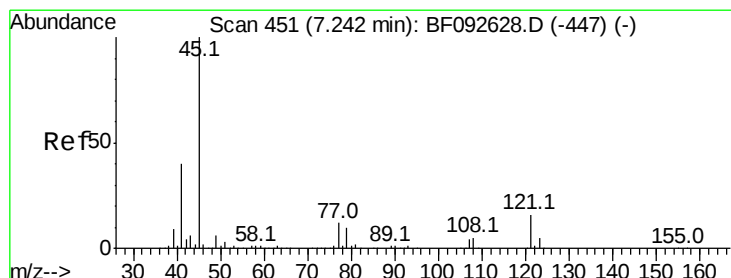
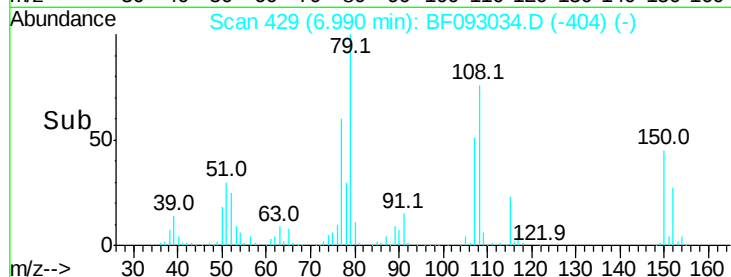
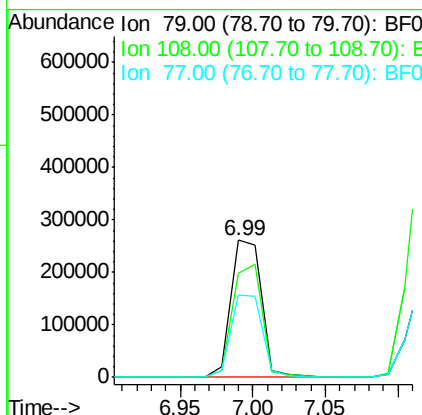
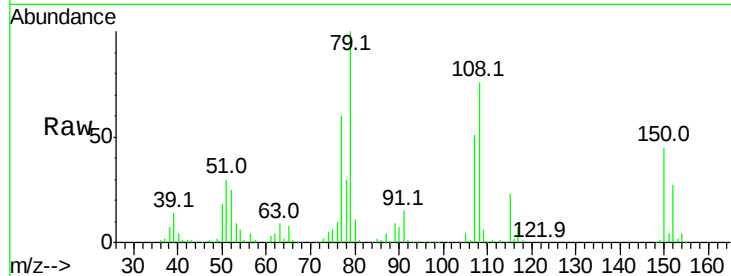
#15
Benzyl Alcohol
Concen: 44.36 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.0	61.4	92.0
77	60.2	50.9	76.3

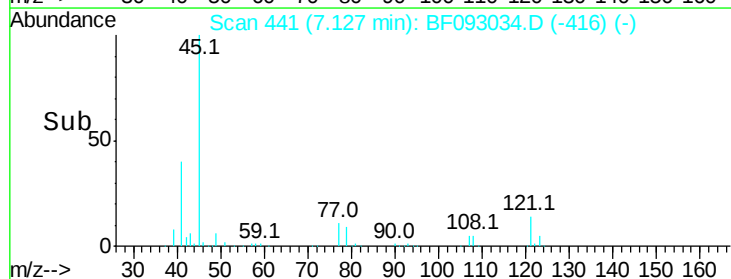
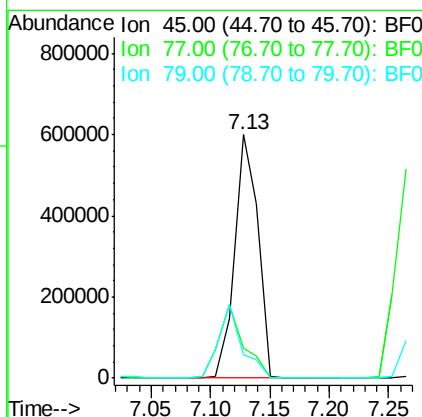
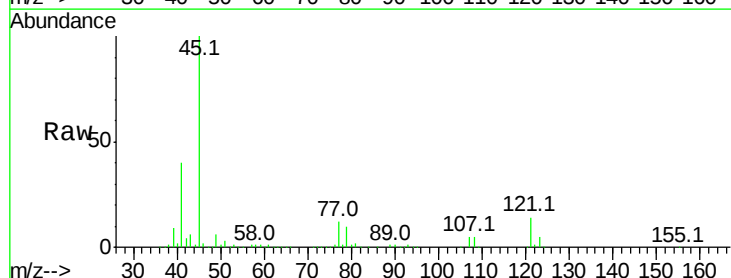
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.21 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.4	0.0	34.6
79	9.9	0.0	31.2





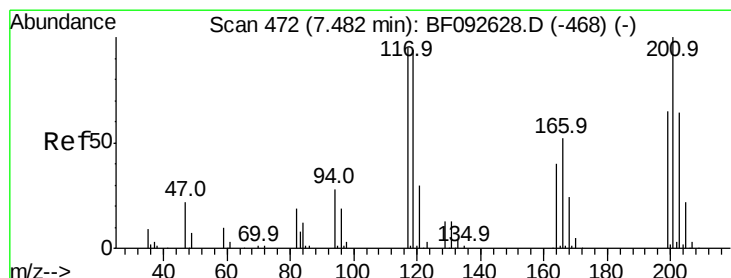
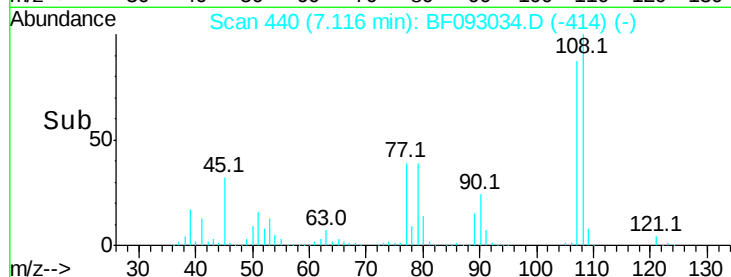
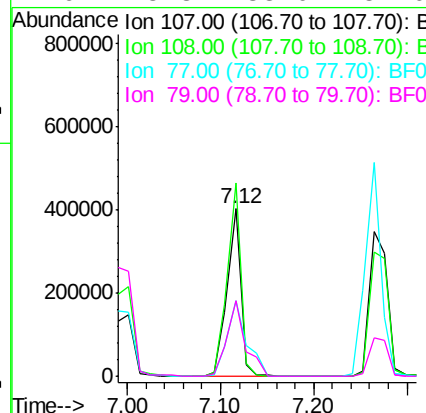
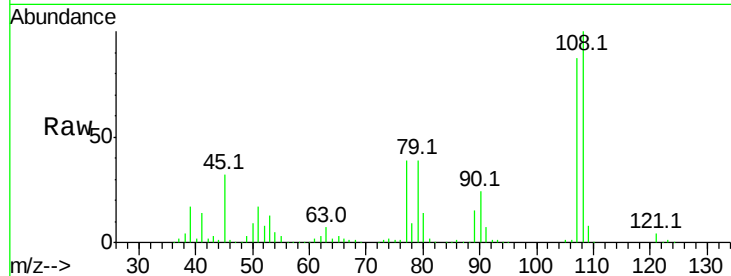
#17
2-Methylphenol
Concen: 48.27 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	93.0	139.6
77	45.2	39.8	59.8
79	45.3	38.0	57.0

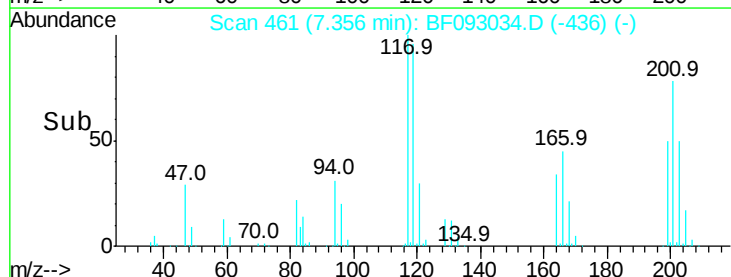
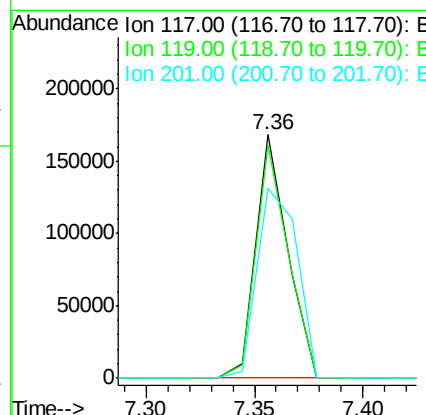
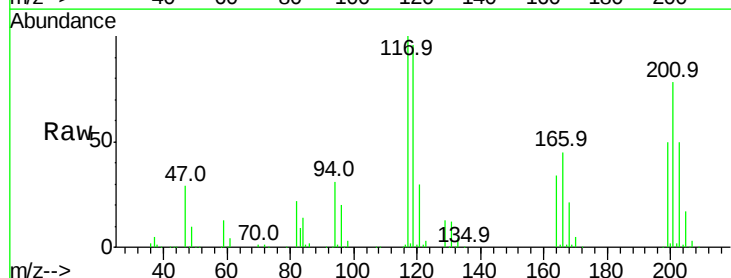
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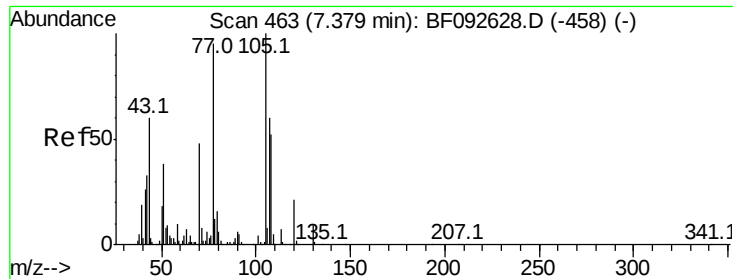
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#18
Hexachloroethane
Concen: 42.61 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	78.1	117.1
201	77.9	78.6	117.8#





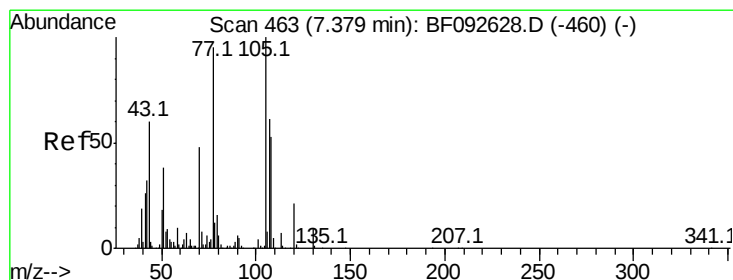
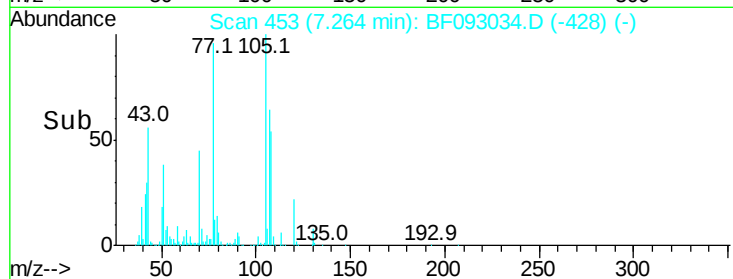
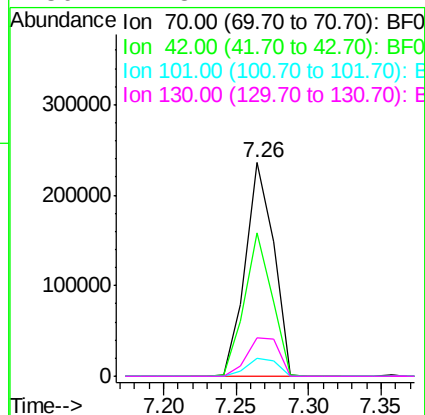
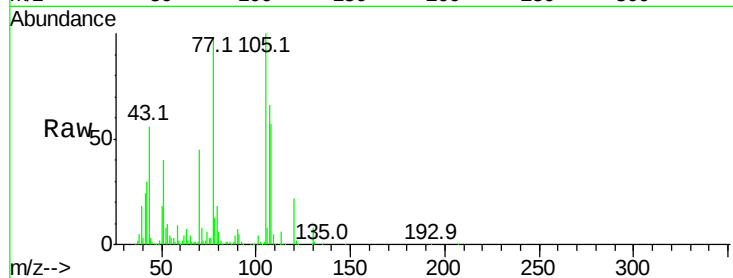
#19
n-Nitroso-di-n-propylamine
Concen: 43.50 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	66.9	49.4	74.0
101	8.5	7.4	11.2
130	17.8	14.2	21.4

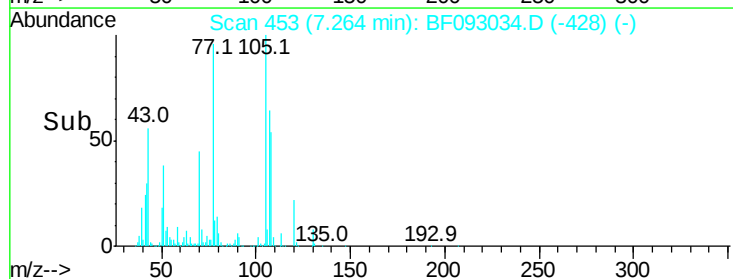
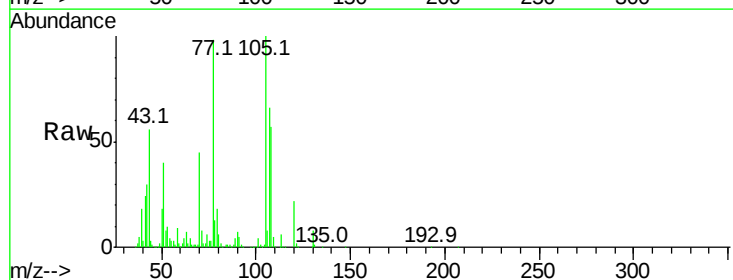
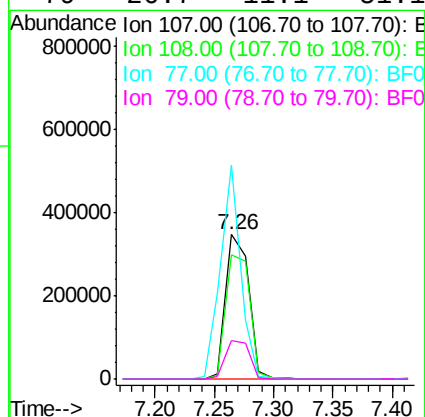
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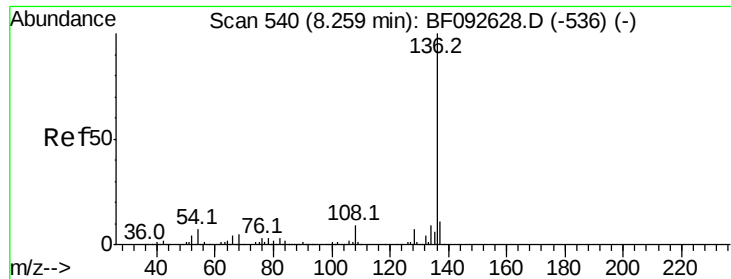
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#20
3+4-Methylphenols
Concen: 46.15 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.8	73.0	113.0
77	148.2	71.3	111.3#
79	26.7	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

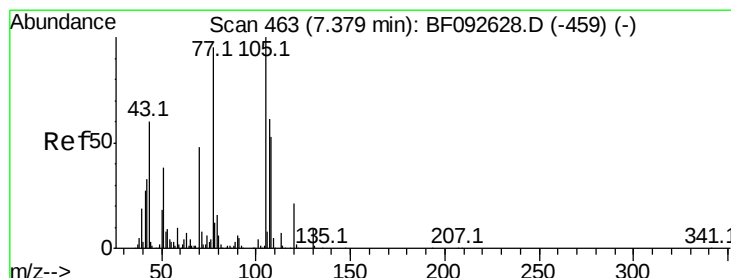
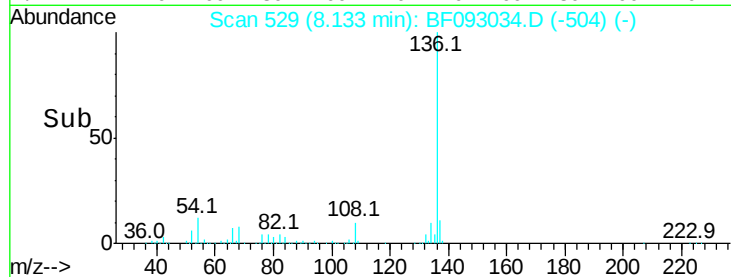
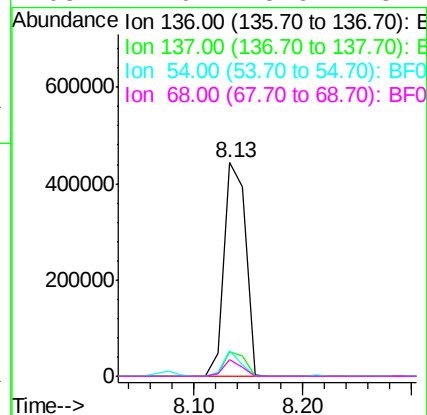
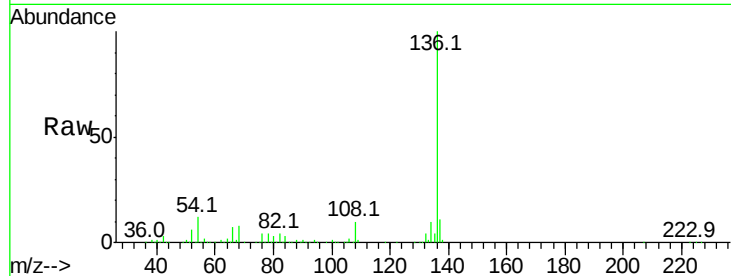
ClientSampleId :

PB97034BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	611224		
137	11.4	8.4	12.6	
54	12.1	4.5	6.7#	
68	7.9	3.6	5.4#	

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#22

Acetophenone

Concen: 42.89 ng

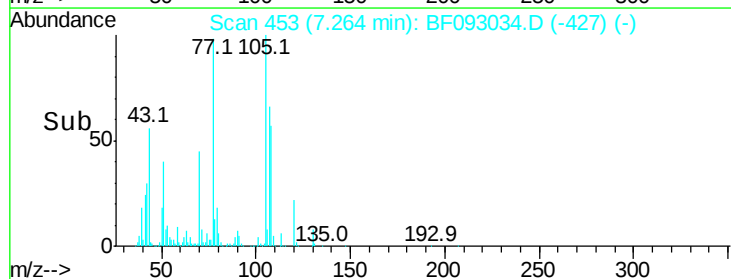
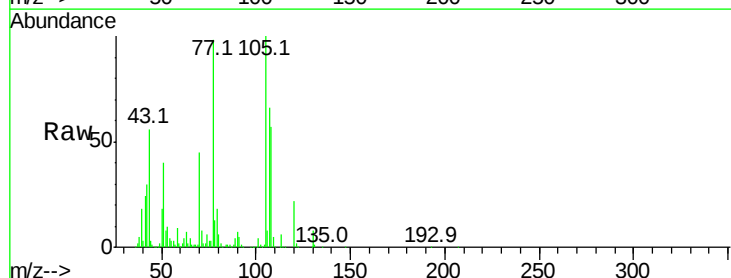
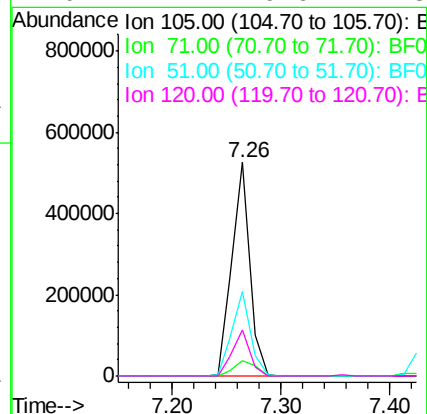
RT: 7.26 min Scan# 453

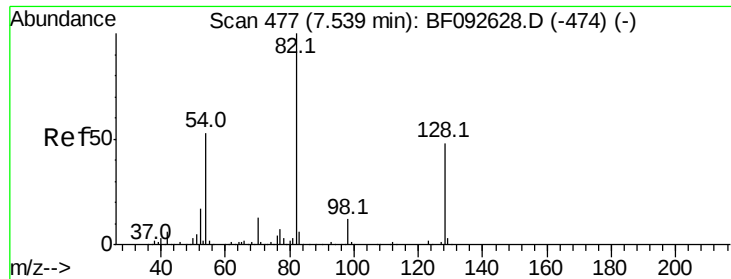
Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	598601		
71	7.5	3.2	4.8#	
51	39.6	26.2	39.4#	
120	21.7	16.6	24.8	





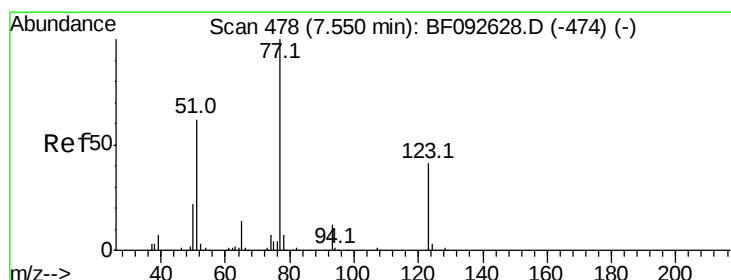
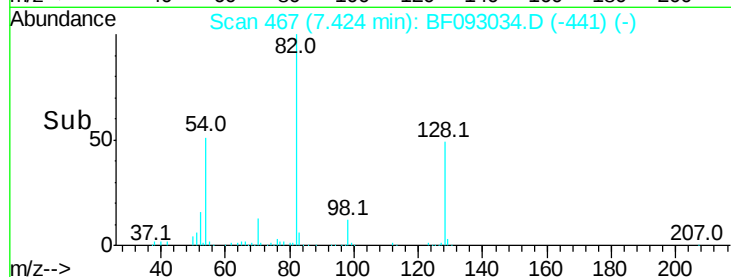
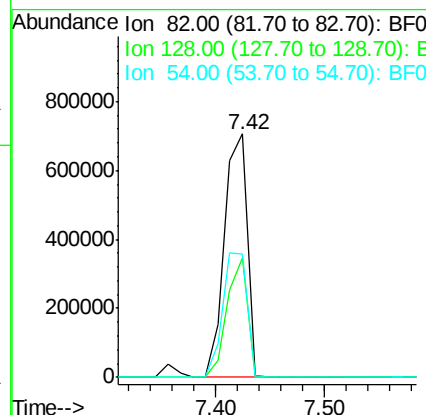
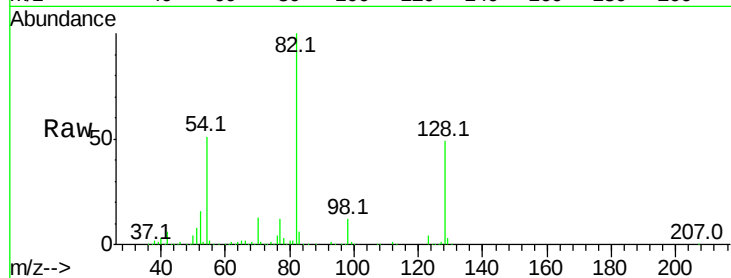
#23
Nitrobenzene-d5
Concen: 93.57 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion: 82 Resp: 1026972
Ion Ratio Lower Upper
82 100
128 48.9 34.6 52.0
54 50.8 39.5 59.3

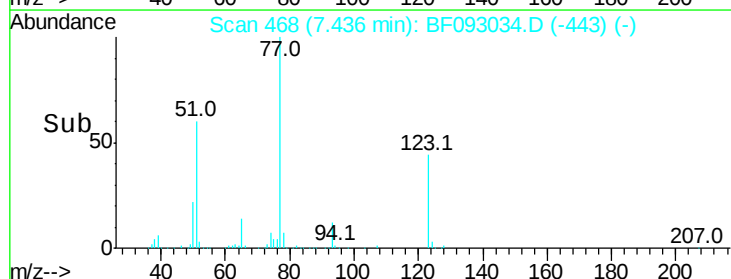
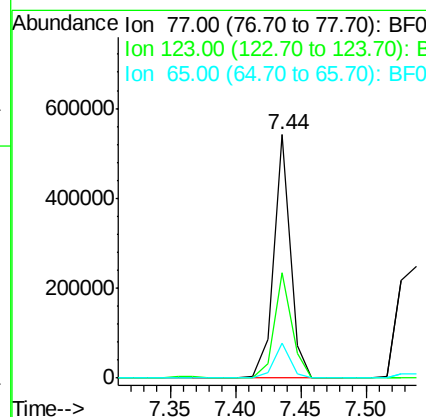
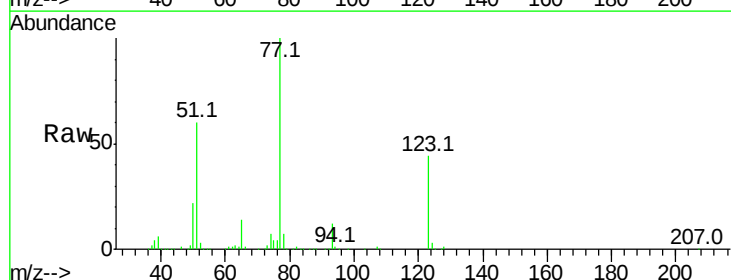
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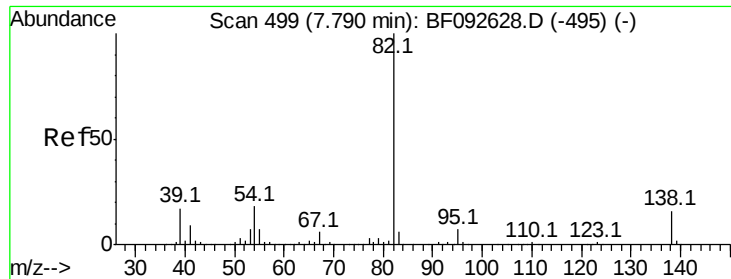
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#24
Nitrobenzene
Concen: 42.86 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion: 77 Resp: 483108
Ion Ratio Lower Upper
77 100
123 43.5 33.0 49.4
65 14.2 11.2 16.8





#25

Isophorone

Concen: 45.42 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

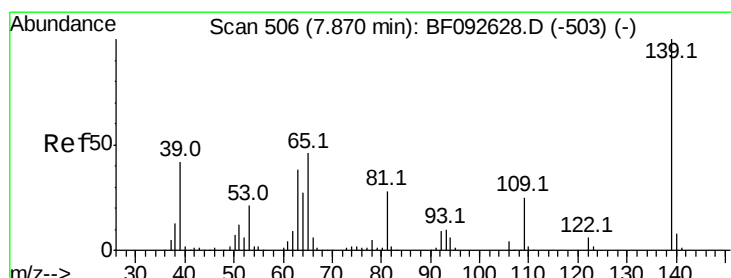
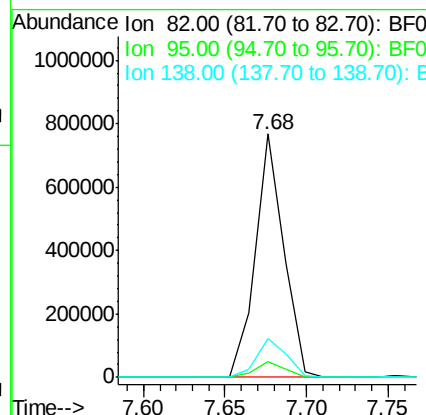
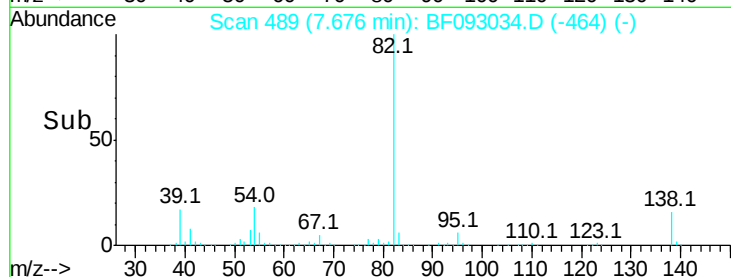
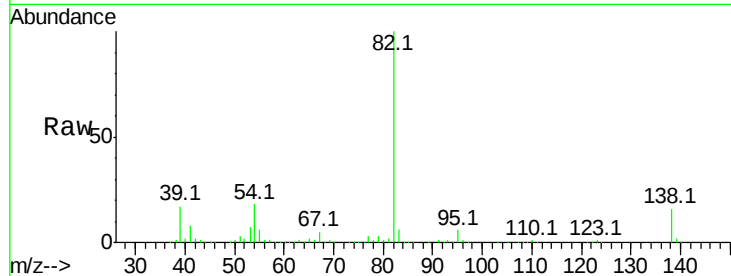
ClientSampleId :

PB97034BS

Tot Ion:	82	Resp:	928905
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.6	8.4
138	15.9	14.6	22.0

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#26

2-Nitrophenol

Concen: 49.40 ng

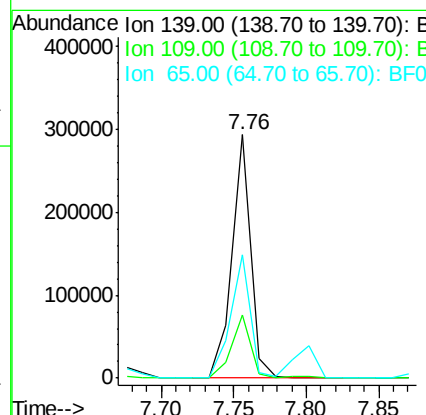
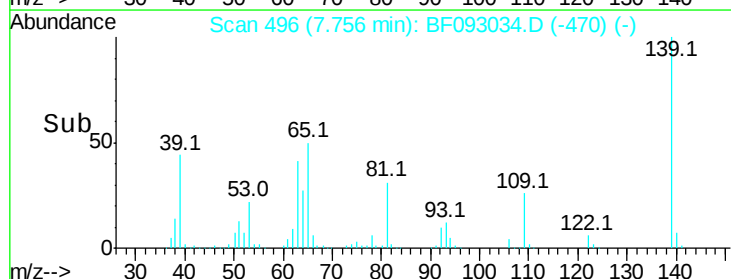
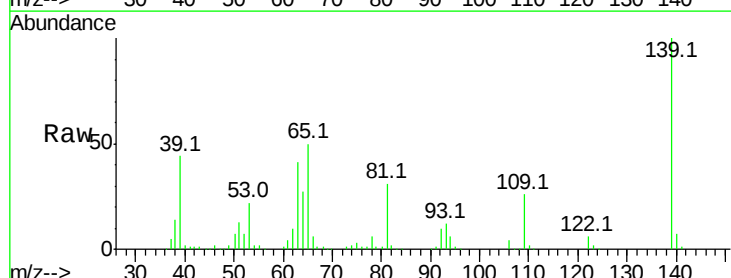
RT: 7.76 min Scan# 496

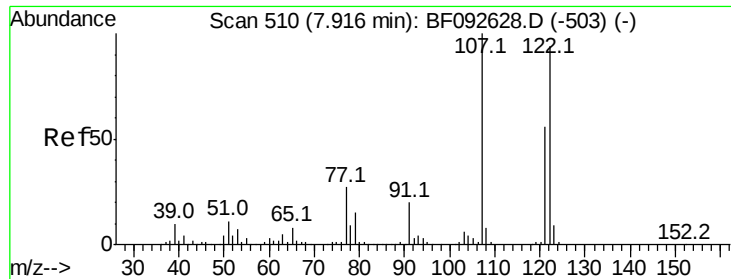
Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Tgt Ion:	139	Resp:	264660
Ion Ratio	Lower	Upper	
139	100		
109	26.0	23.3	34.9
65	50.4	42.7	64.1





#27

2,4-Dimethylphenol

Concen: 49.30 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

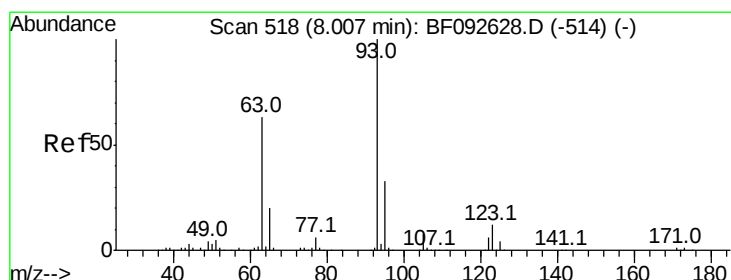
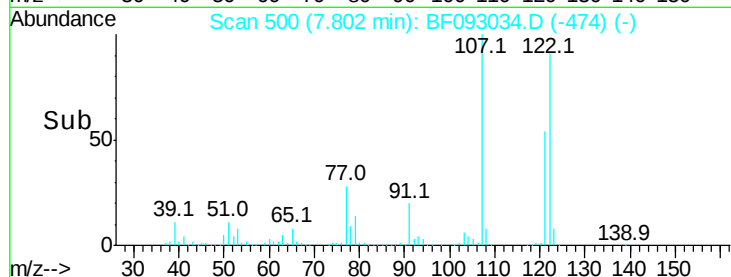
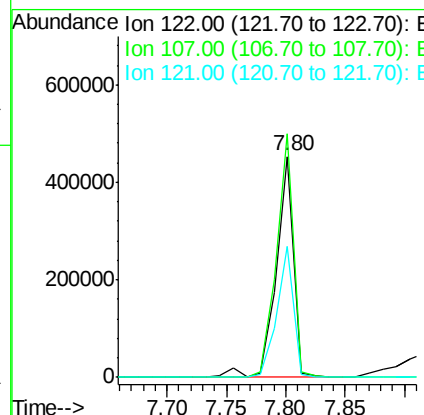
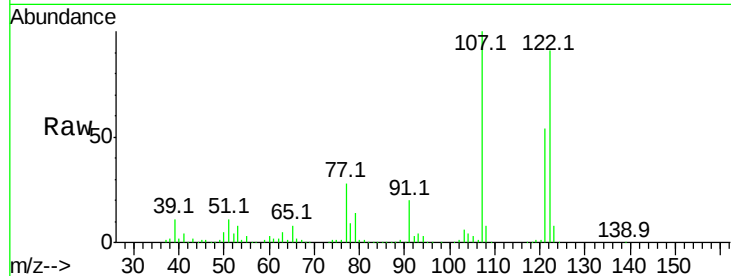
ClientSampleId :

PB97034BS

Tot Ion:	122	Resp:	463859
Ion Ratio	Lower	Upper	
122	100		
107	110.1	94.1	141.1
121	59.4	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 45.80 ng

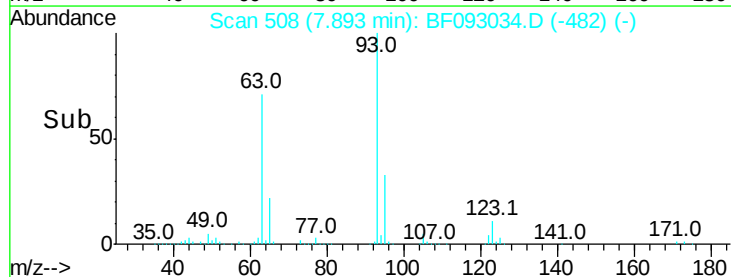
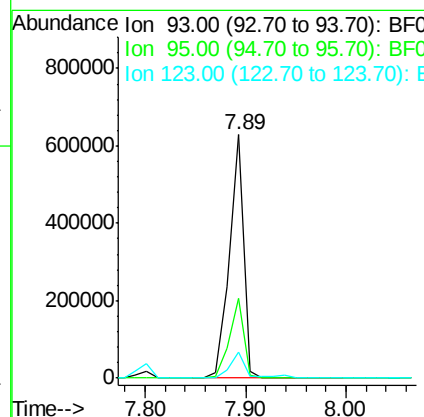
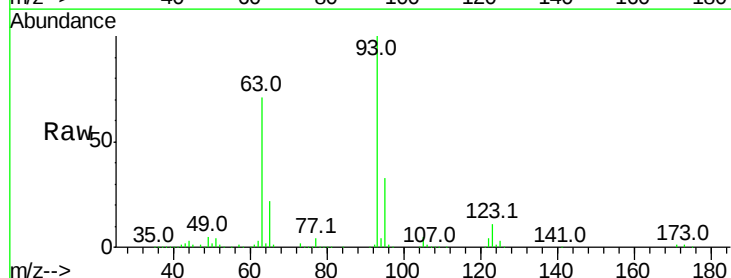
RT: 7.89 min Scan# 508

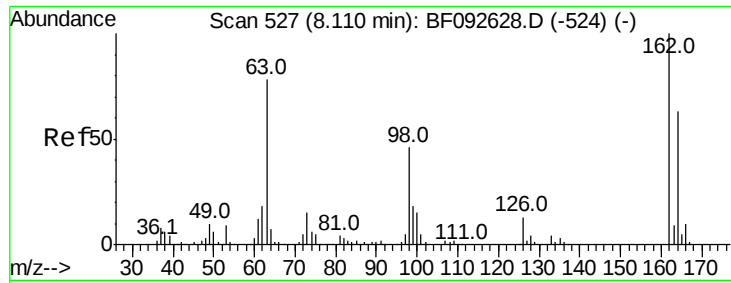
Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Tgt Ion:	93	Resp:	620449
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.5	39.7
123	10.7	8.6	13.0





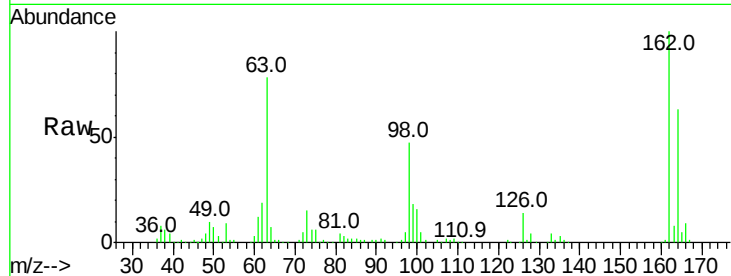
#29
 2,4-Dichlorophenol
 Concen: 43.52 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

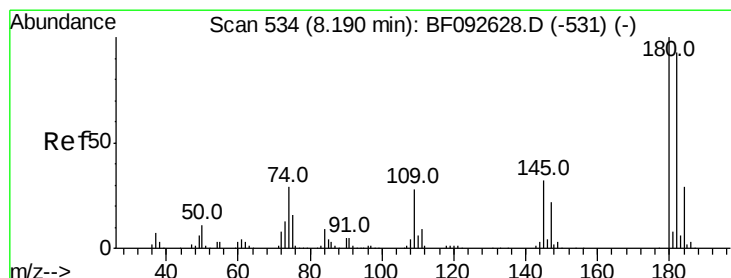
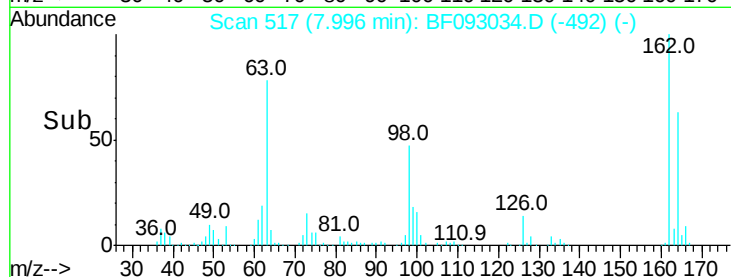
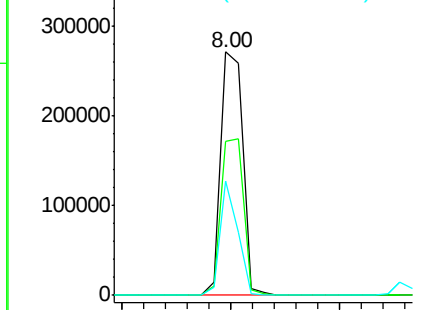
Tot Ion	Ratio	Resp	Lower	Upper
162	100	381871		
164	63.2	46.8	86.8	
98	47.0	9.1	49.1	

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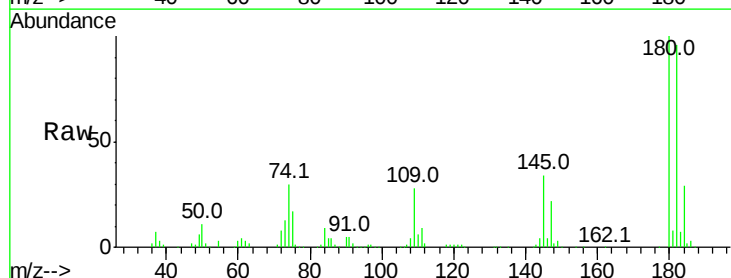


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

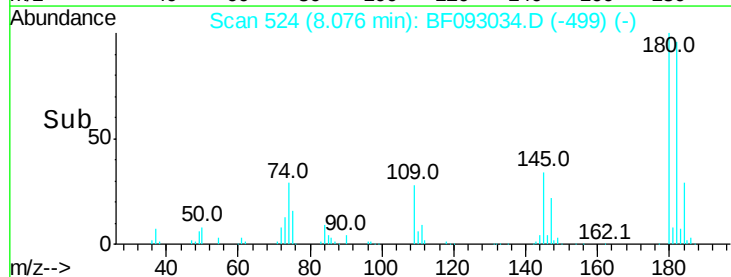
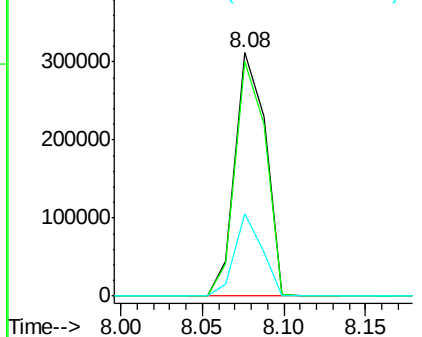


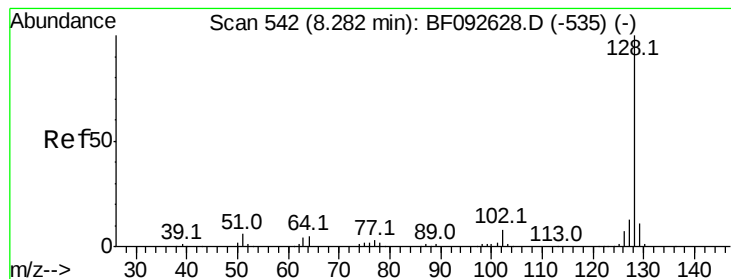
#30
 1,2,4-Trichlorobenzene
 Concen: 42.71 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	403912		
182	96.3	78.2	117.4	
145	33.7	21.6	32.4	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.71 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

Tot Ion:128 Resp: 1261367

Ion Ratio Lower Upper

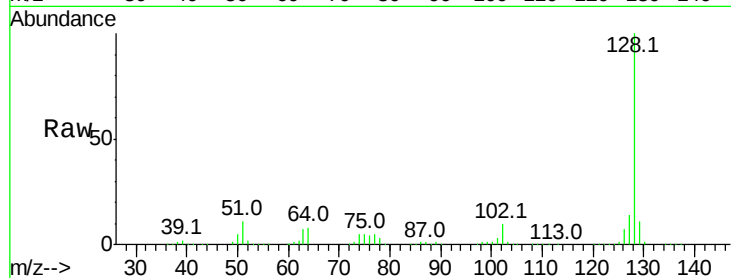
128 100

129 11.3 9.5 14.3

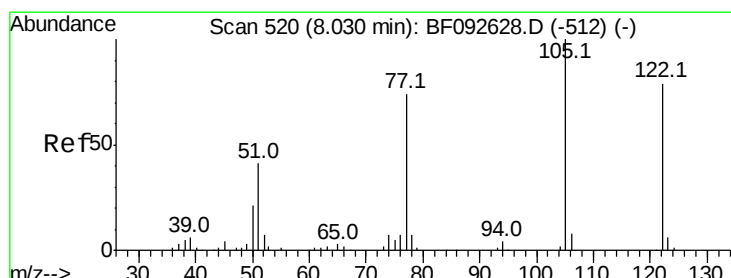
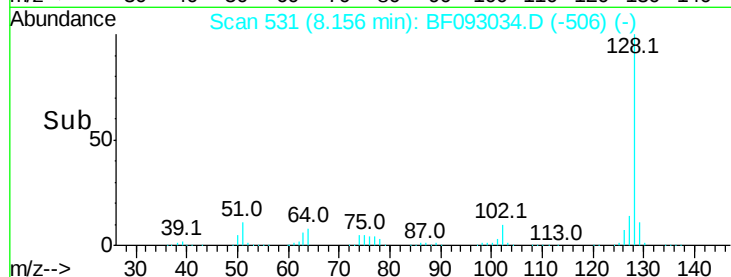
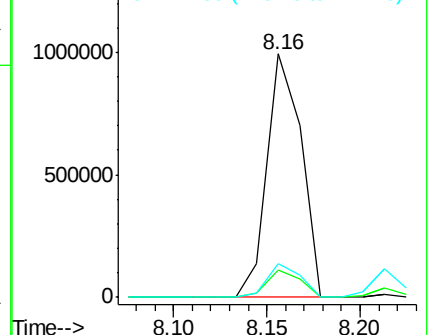
127 13.7 10.8 16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.51 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

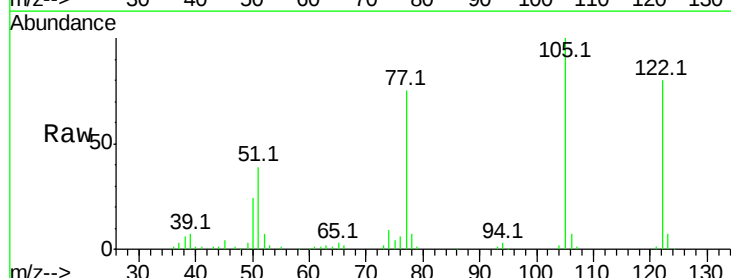
Tgt Ion:122 Resp: 208957

Ion Ratio Lower Upper

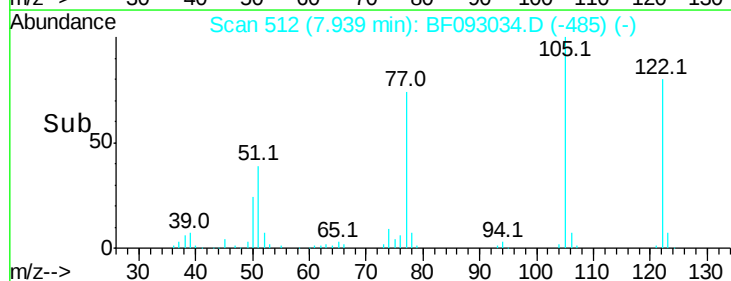
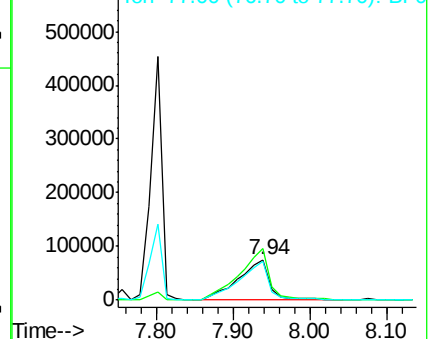
122 100

105 125.6 107.2 147.2

77 94.7 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





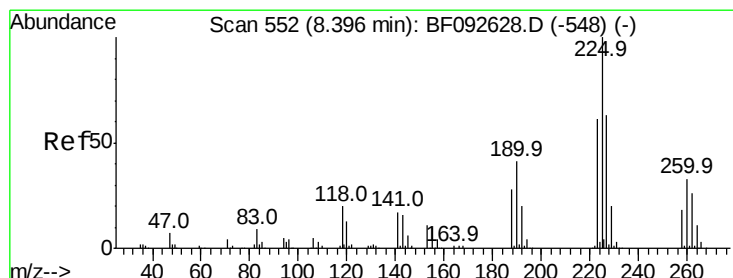
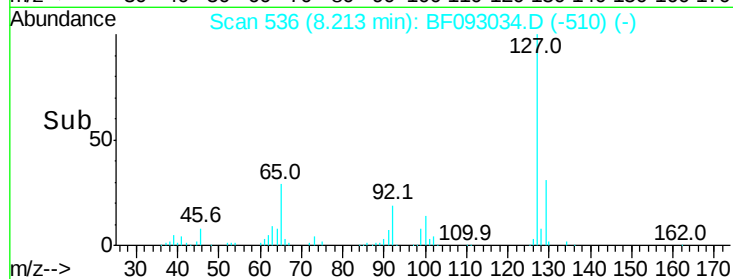
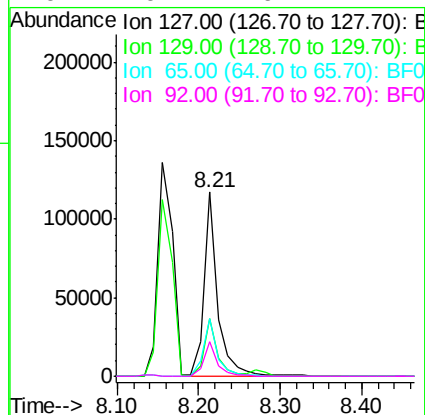
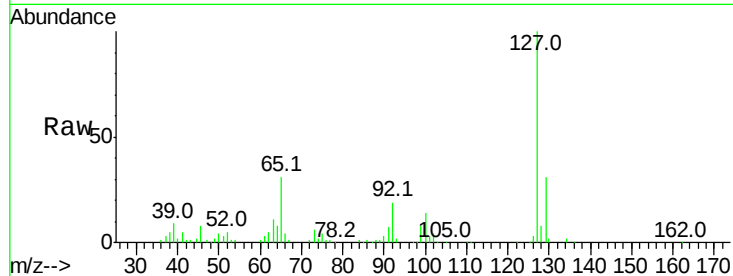
#33
4-Chloroaniline
Concen: 11.37 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	26.3	39.5		
65	31.2	25.8	38.8		
92	19.2	16.1	24.1		

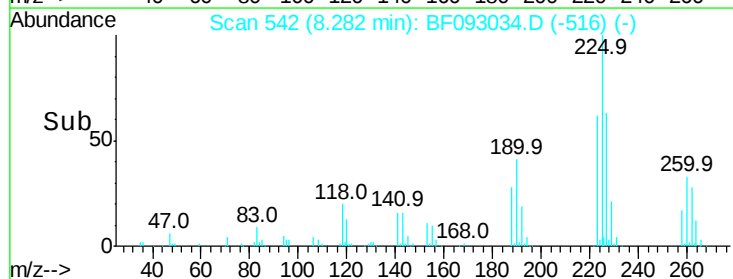
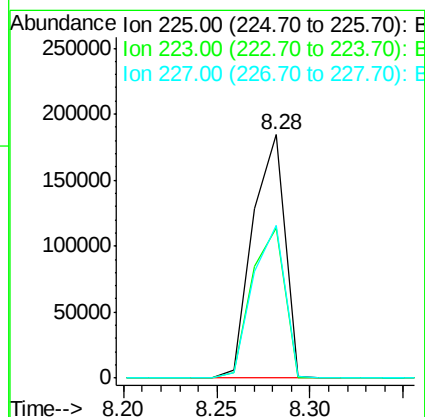
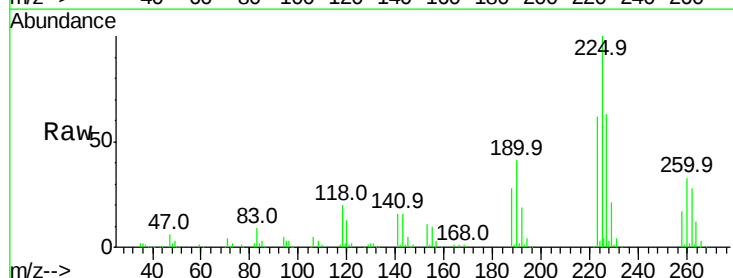
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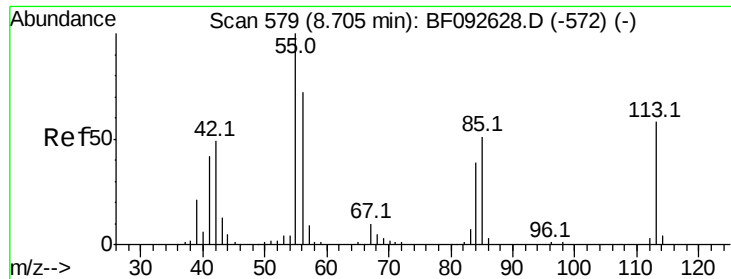
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#34
Hexachlorobutadiene
Concen: 42.26 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	51.0	76.6		
227	63.0	50.6	76.0		





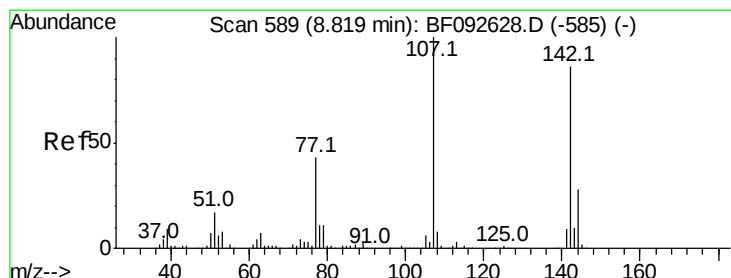
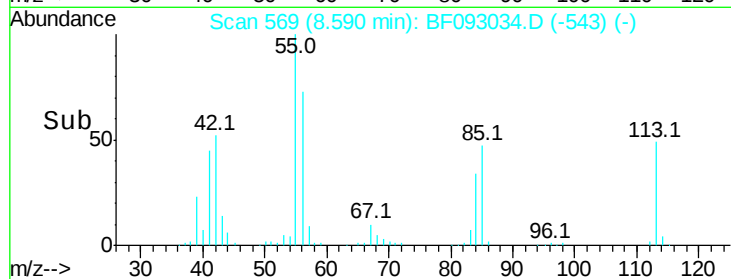
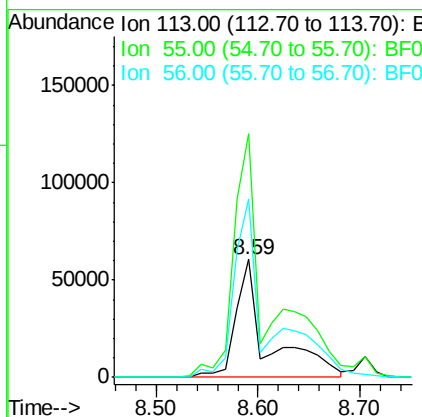
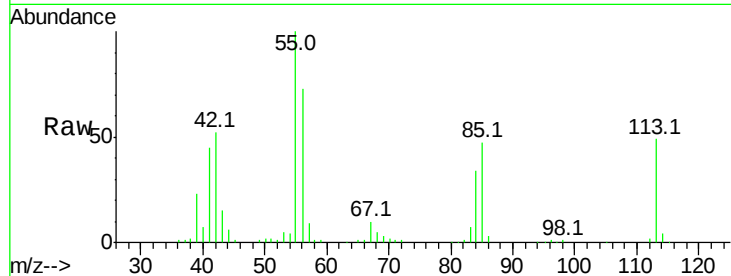
#35
 Caprolactam
 Concen: 47.96 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

Tot Ion:113 Resp: 132378
 Ion Ratio Lower Upper
 113 100
 55 206.2 119.2 159.2#
 56 151.4 83.8 123.8#

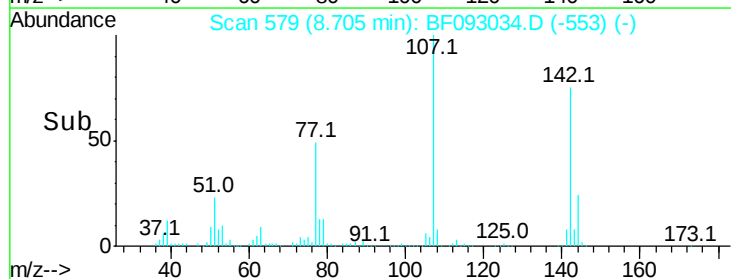
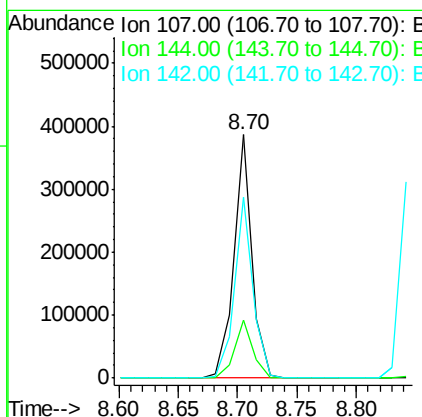
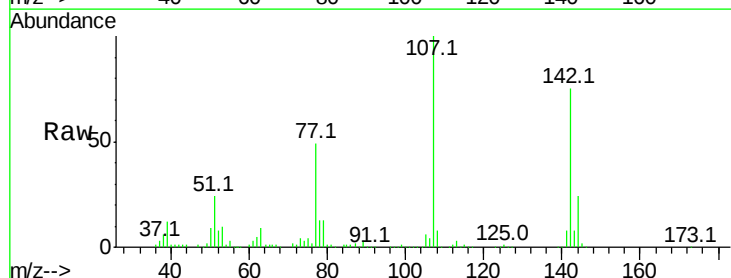
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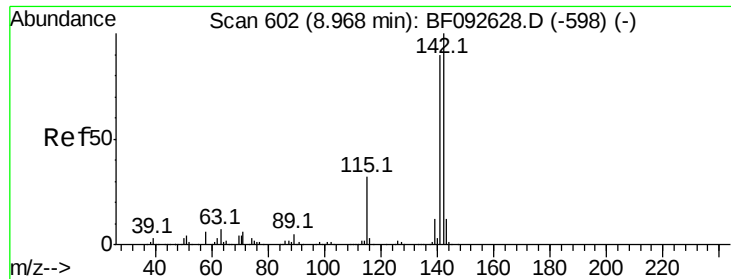
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#36
 4-Chloro-3-methylphenol
 Concen: 44.75 ng/ml
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion:107 Resp: 409374
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.3 28.9
 142 74.5 59.0 88.6





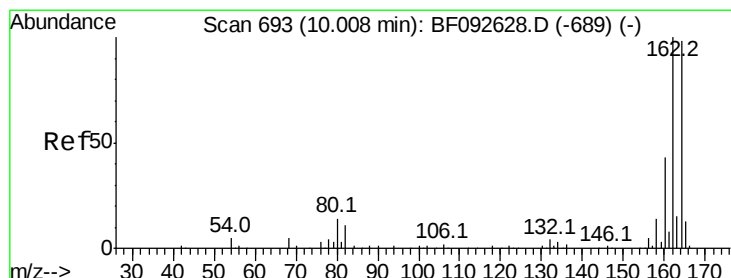
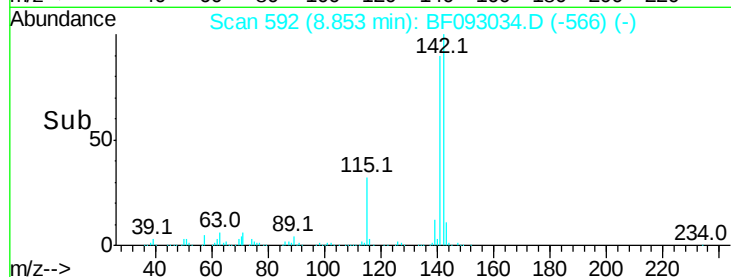
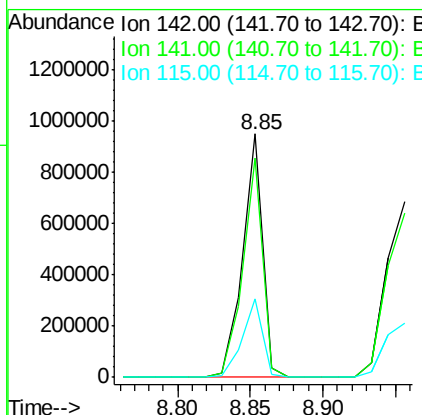
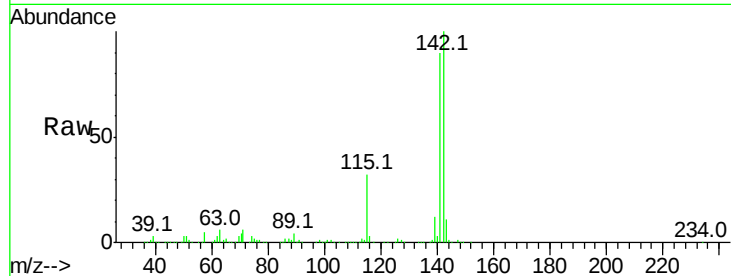
#37
2-Methylnaphthalene
Concen: 45.50 ng
RT: 8.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.0	106.6
115	32.4	28.3	42.5

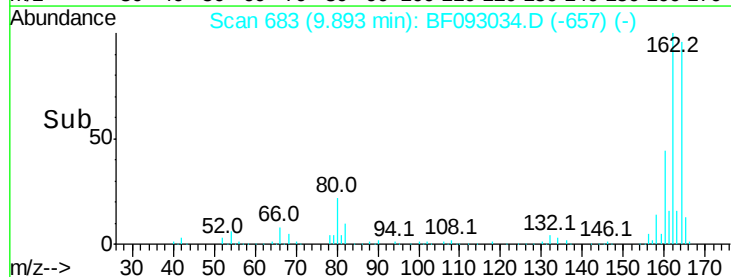
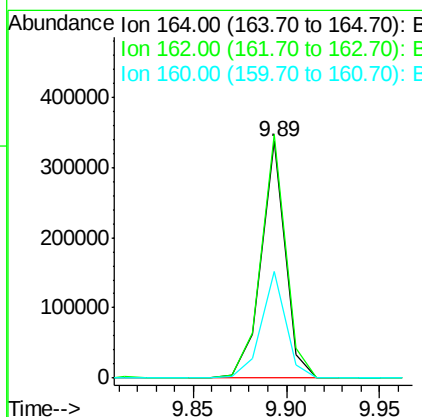
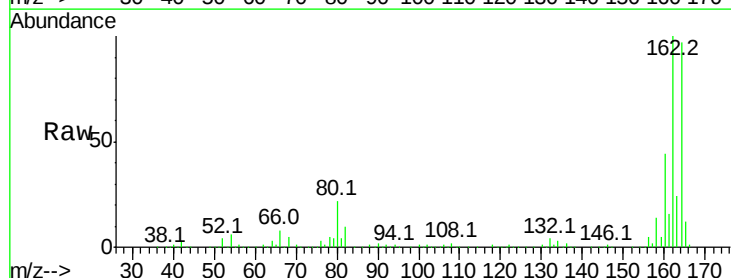
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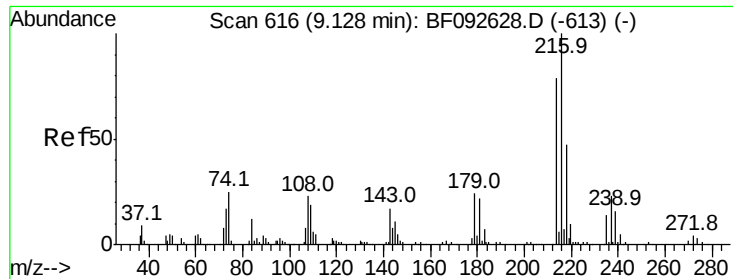
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.2
160	45.2	36.9	55.3





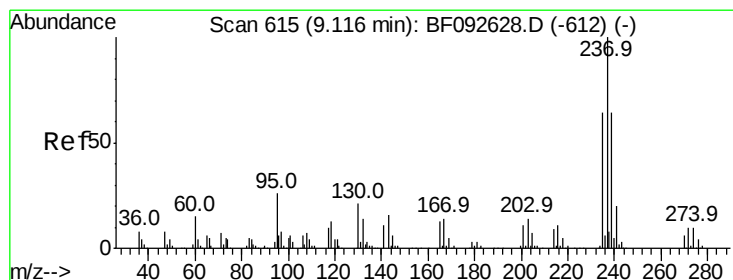
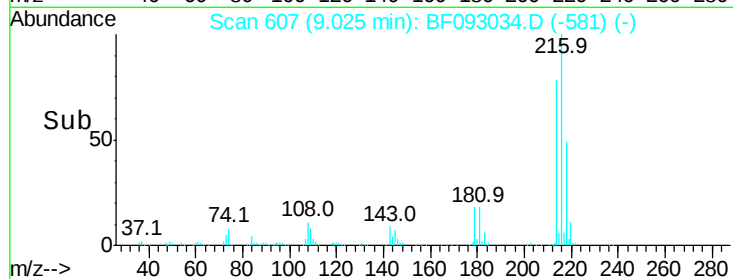
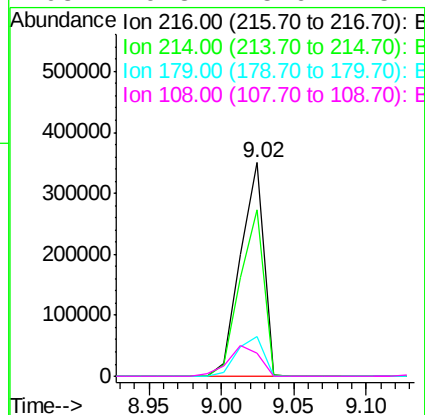
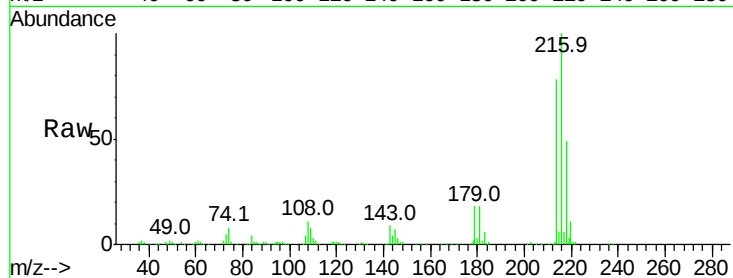
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.18 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

Tot Ion:	216	Resp:	395422
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.4	95.0
179	20.8	17.4	26.2
108	19.3	15.6	23.4

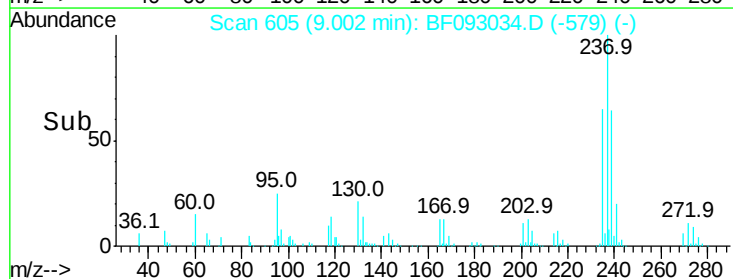
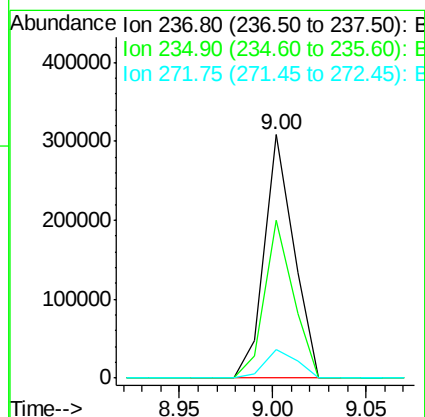
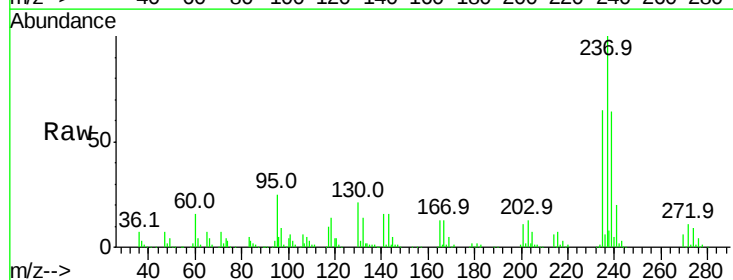
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#40
 Hexachlorocyclopentadiene
 Concen: 88.96 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion:	237	Resp:	336376
Ion Ratio	Lower	Upper	
237	100		
235	64.8	41.2	81.2
272	11.5	0.0	35.4





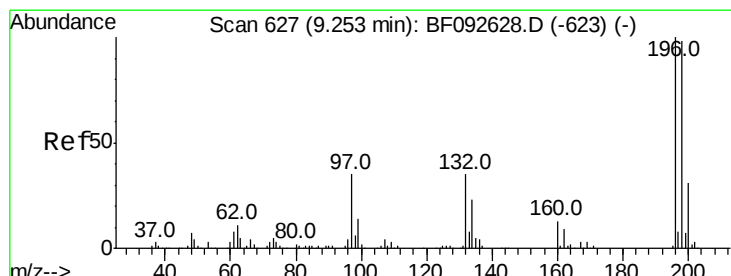
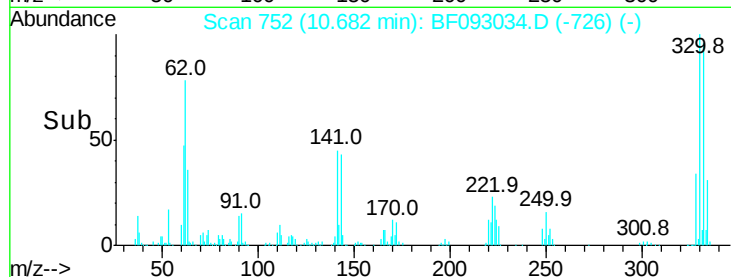
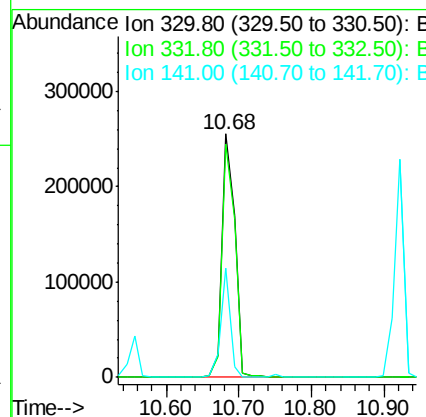
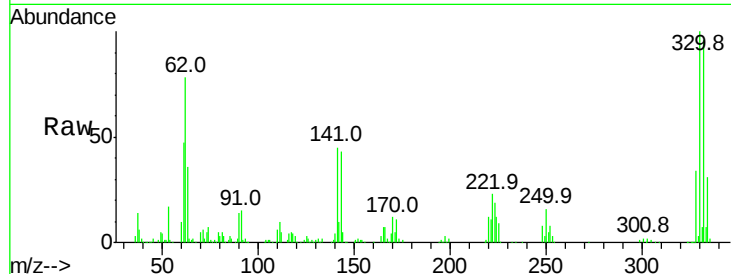
#41
 2,4,6-Tribromophenol
 Concen: 146.25 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	315829		
332	96.8	77.4	116.2	
141	33.8	34.1	51.1#	

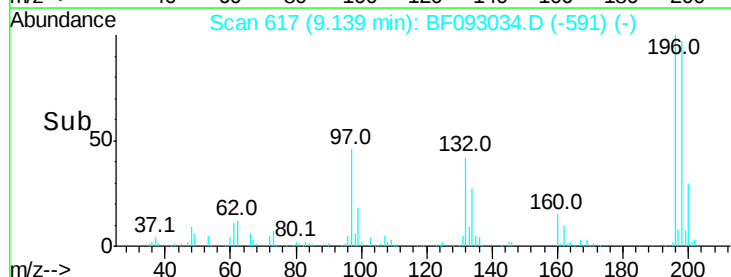
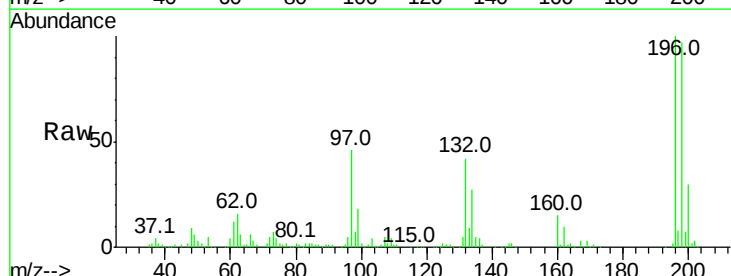
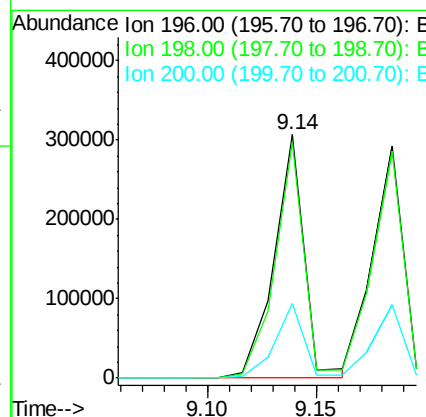
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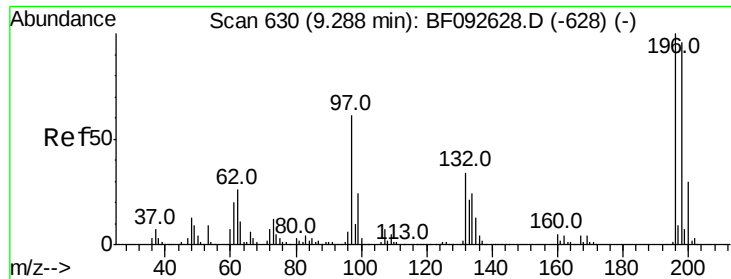
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#42
 2,4,6-Trichlorophenol
 Concen: 53.89 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	296755		
198	97.0	82.1	123.1	
200	30.5	27.0	40.4	





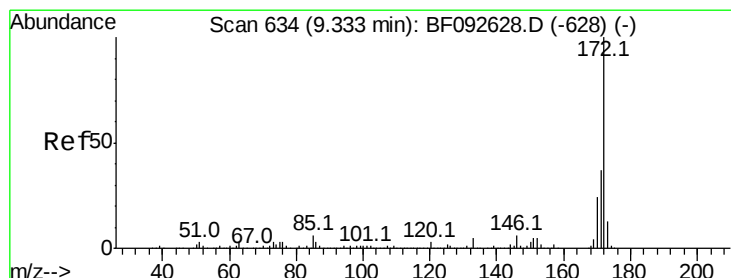
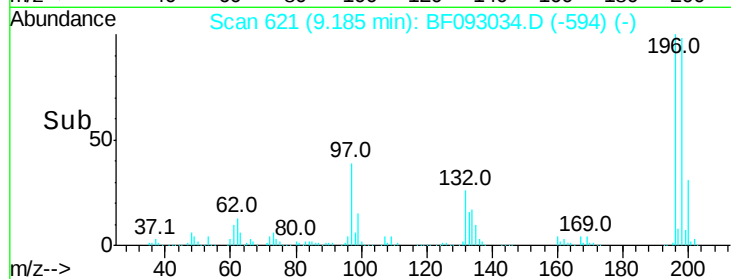
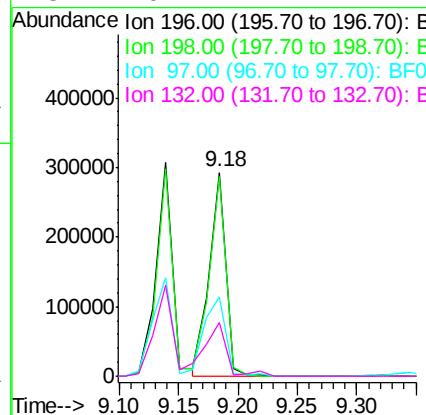
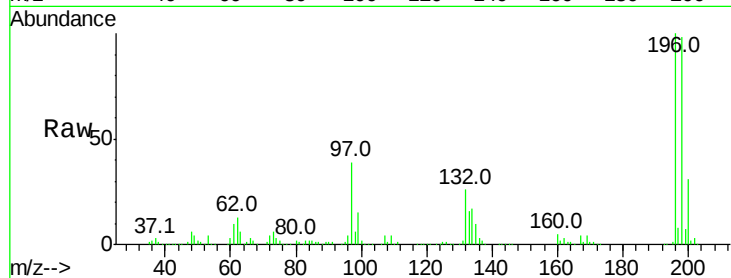
#43
 2,4,5-Trichlorophenol
 Concen: 47.99 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	289595		
198	97.8	79.4	119.2	
97	38.8	51.5	77.3#	
132	26.2	27.4	41.2#	

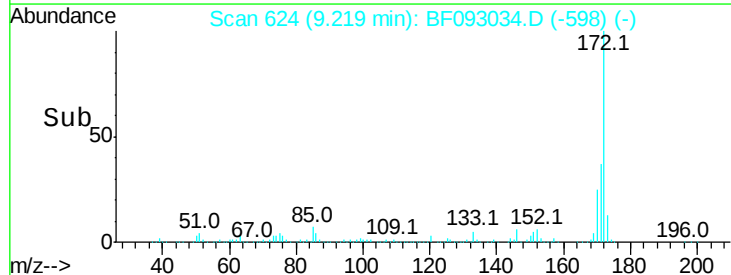
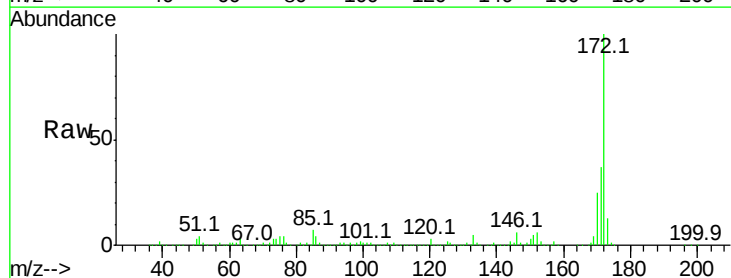
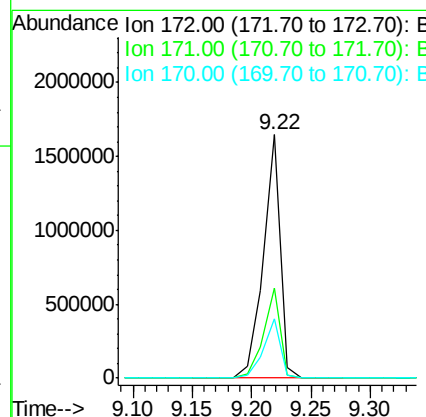
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#44
 2-Fluorobiphenyl
 Concen: 99.78 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1644358		
171	37.0	29.4	44.0	
170	24.6	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 50.34 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

Tot Ion:154 Resp: 1088376

Ion Ratio Lower Upper

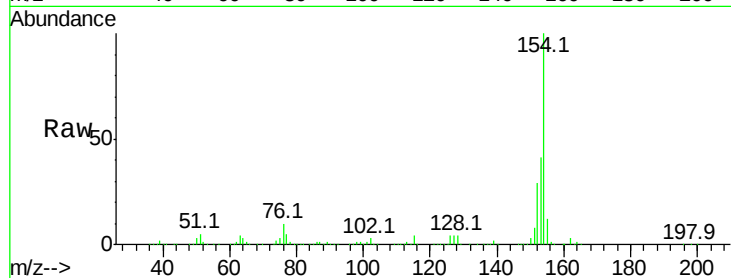
154 100

153 41.1 20.9 60.9

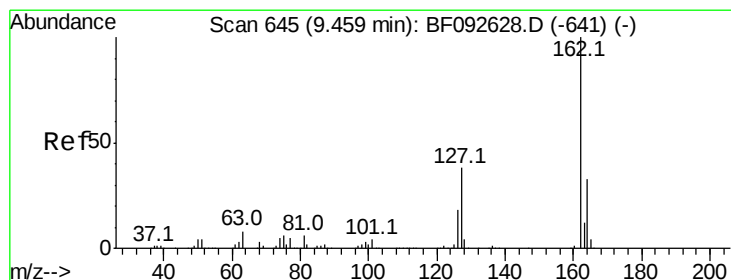
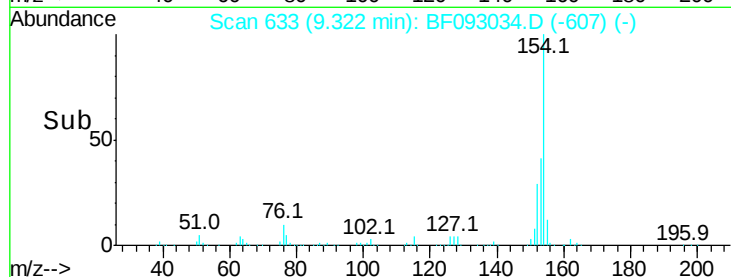
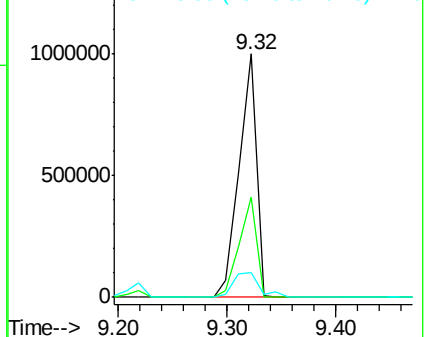
76 10.2 0.0 30.5

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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: 52.57 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

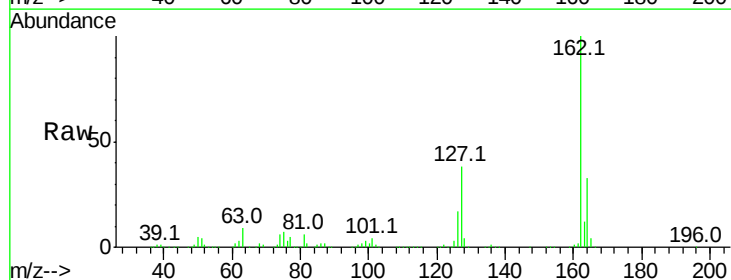
Tgt Ion:162 Resp: 889085

Ion Ratio Lower Upper

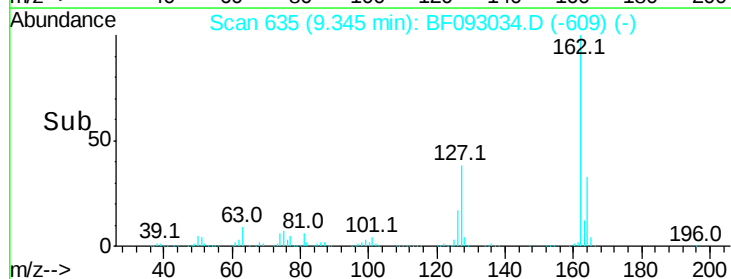
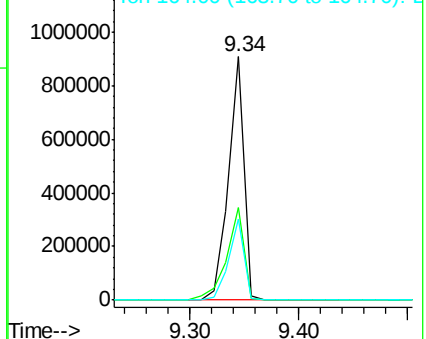
162 100

127 38.0 30.7 46.1

164 33.4 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





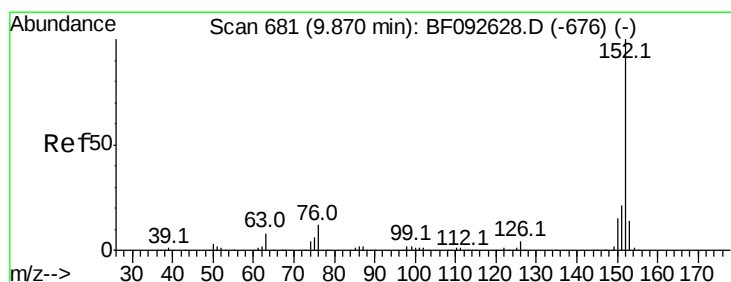
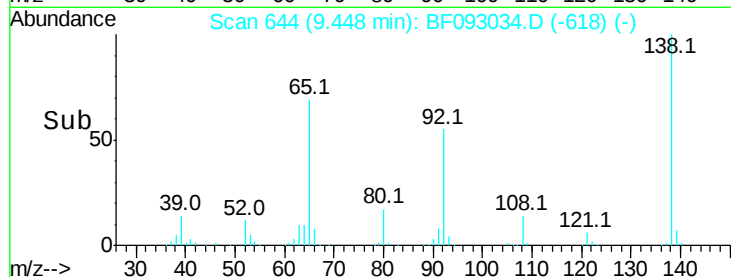
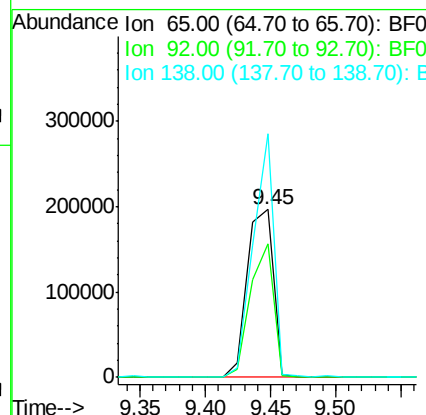
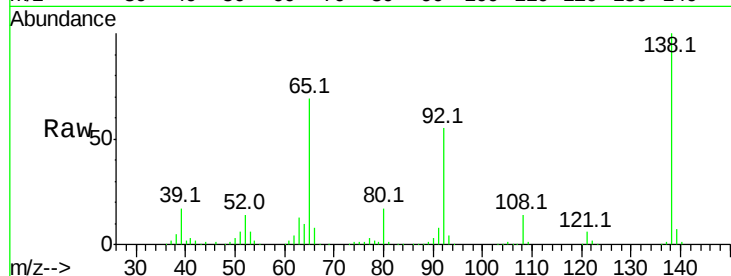
#47
 2-Nitroaniline
 Concen: 48.32 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	79.4	53.9	80.9
138	145.1	76.8	115.2

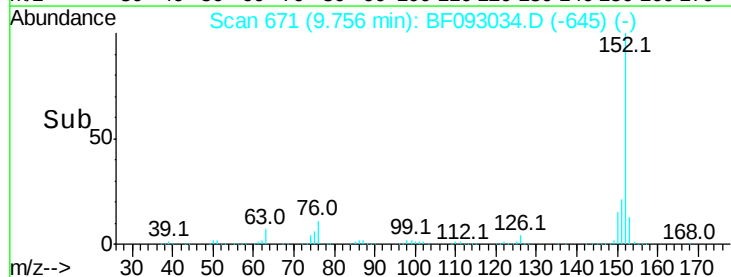
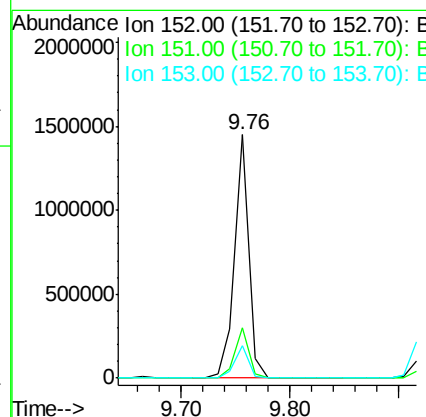
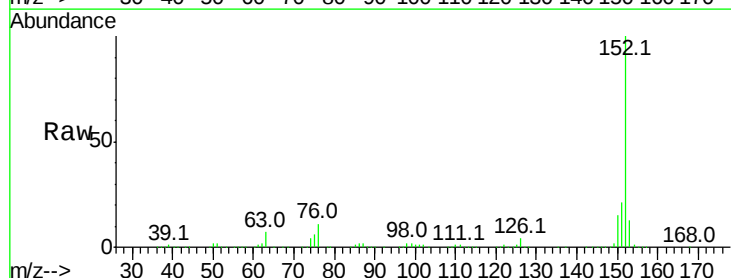
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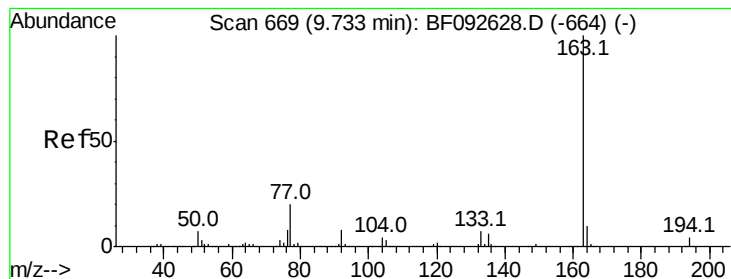
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#48
 Acenaphthylene
 Concen: 44.42 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

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





#49

Dimethylphthalate

Concen: 47.16 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

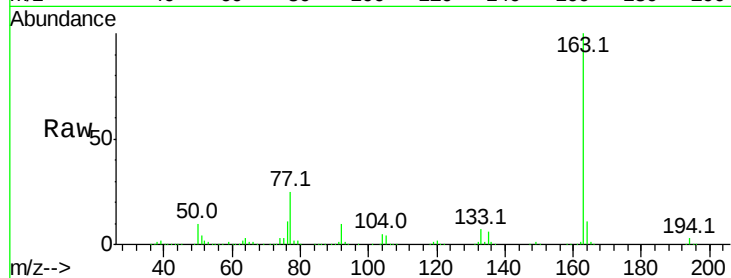
ClientSampleId :

PB97034BS

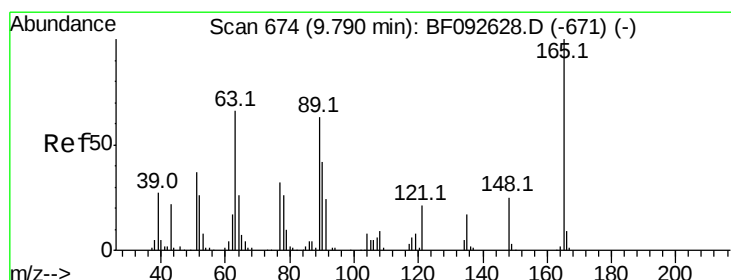
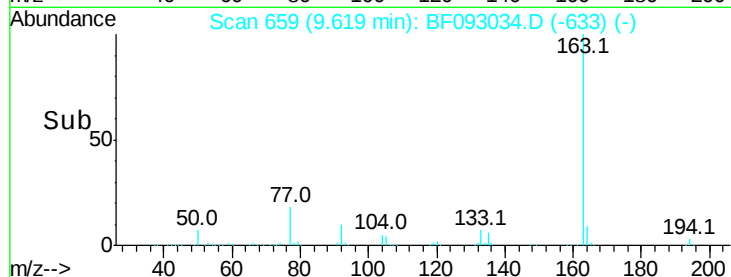
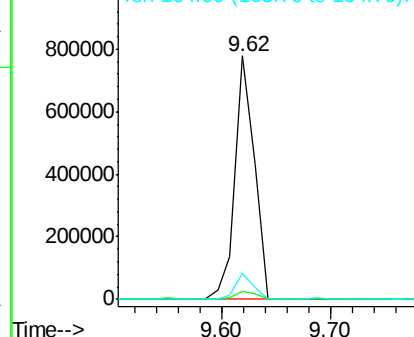
Tot Ion:	163	Resp:	948411
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.0	4.4
164	10.7	8.0	12.0

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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: 55.82 ng

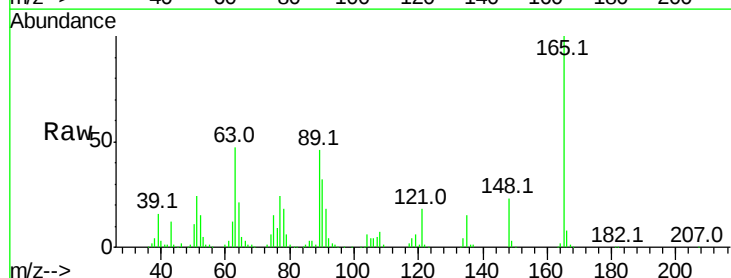
RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

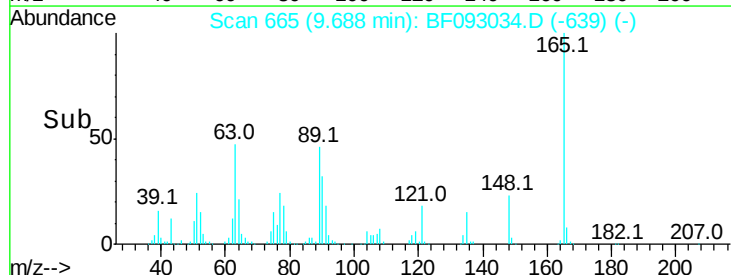
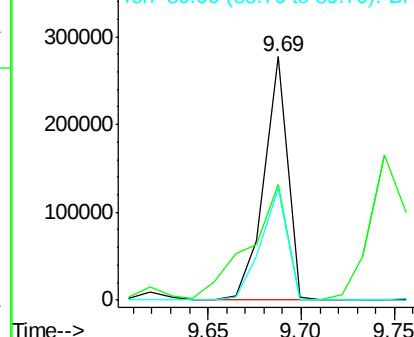
Lab File: BF093034.D

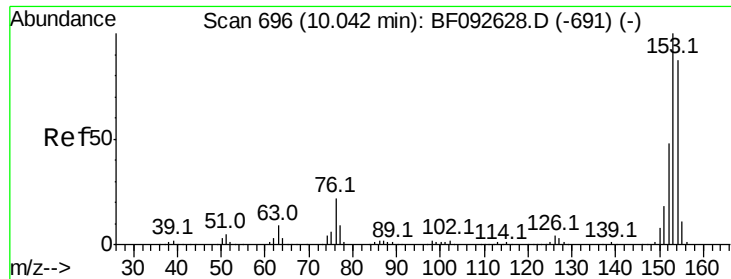
Acq: 20 Feb 2017 17:58

Tgt Ion:	165	Resp:	242446
Ion Ratio	Lower	Upper	
165	100		
63	47.3	36.2	54.4
89	45.8	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





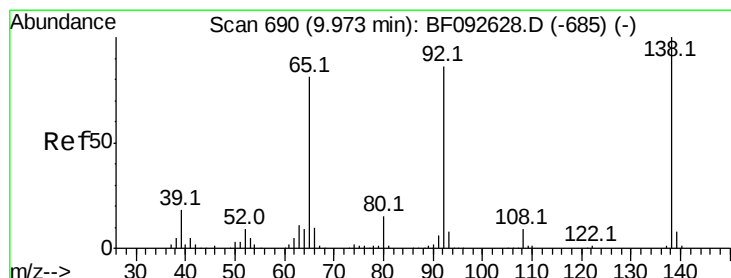
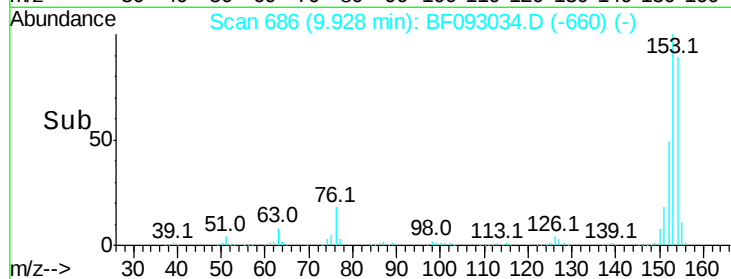
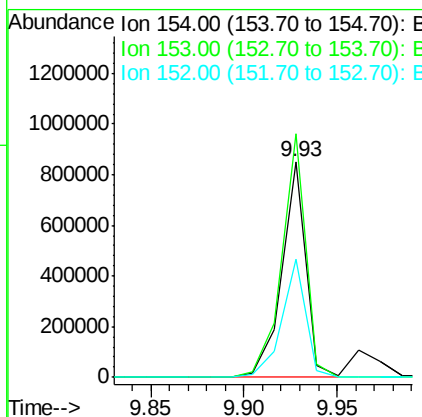
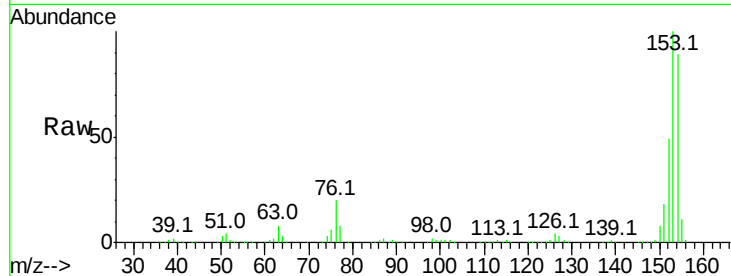
#51
Acenaphthene
Concen: 43.47 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.9	88.6	133.0
152	54.8	41.6	62.4

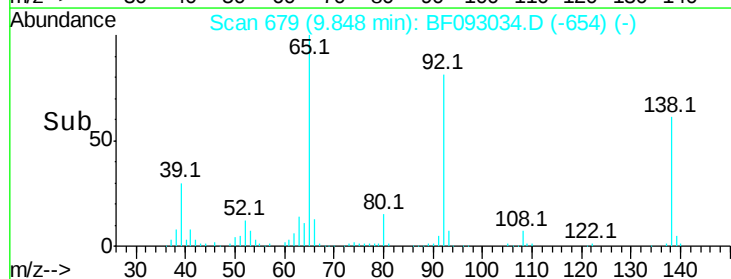
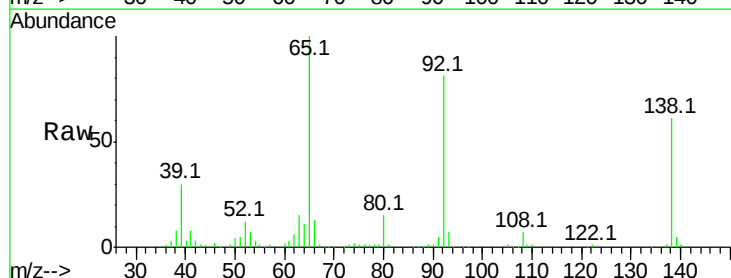
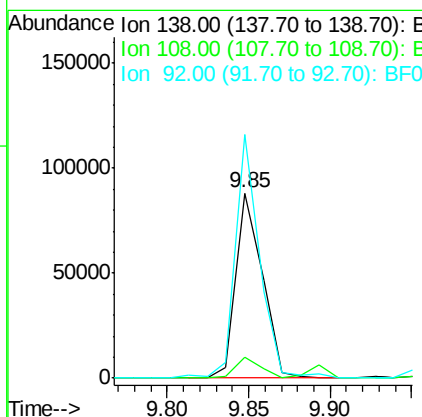
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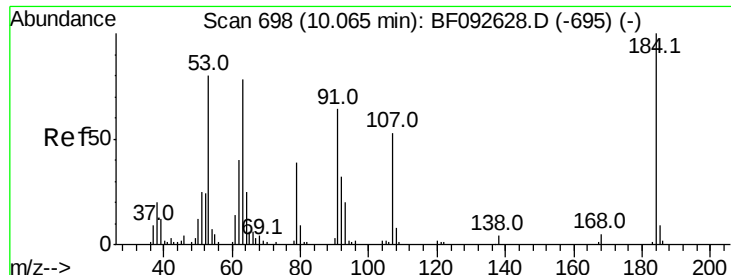
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#52
3-Nitroaniline
Concen: 19.83 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	8.5	12.7
92	131.7	97.8	146.8





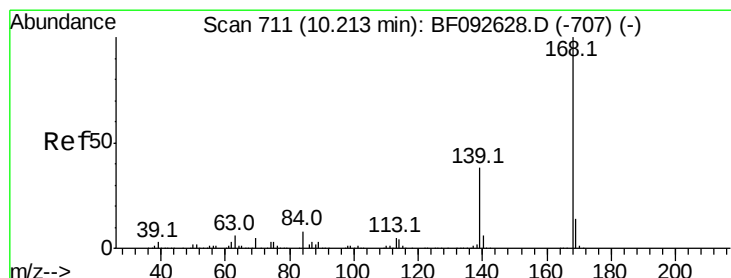
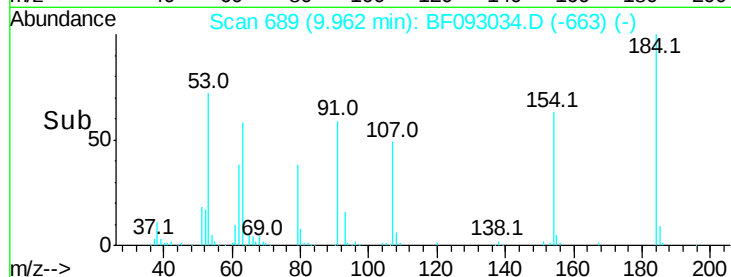
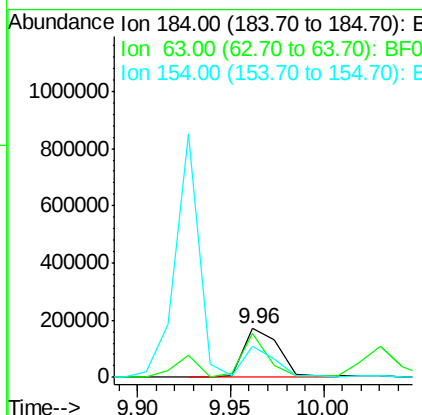
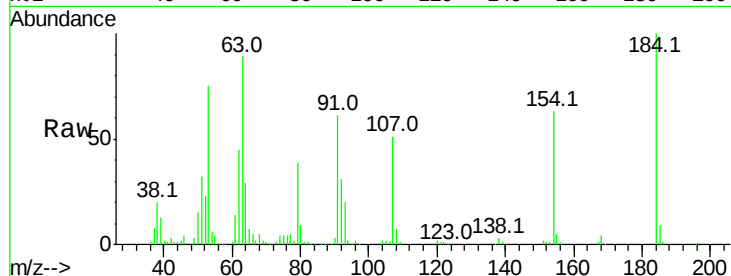
#53
2,4-Dinitrophenol
Concen: 101.70 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampled :
PB97034BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	227707		
63	89.1	28.4	42.6#	
154	63.0	44.3	66.5	

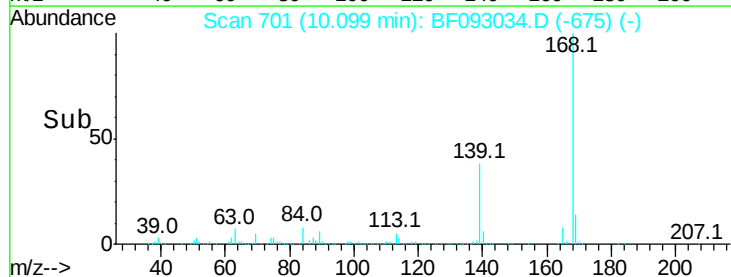
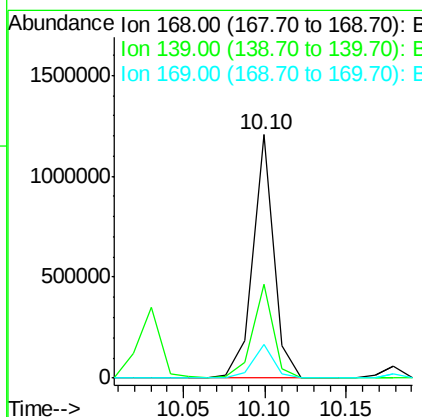
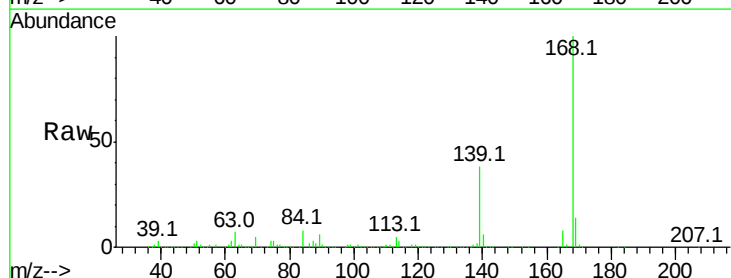
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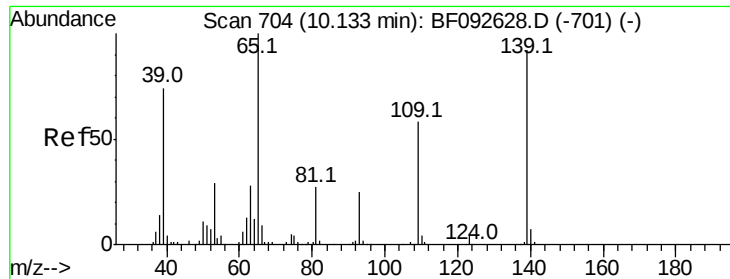
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#54
Dibenzofuran
Concen: 46.13 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1077681		
139	38.4	32.6	49.0	
169	13.7	11.3	16.9	





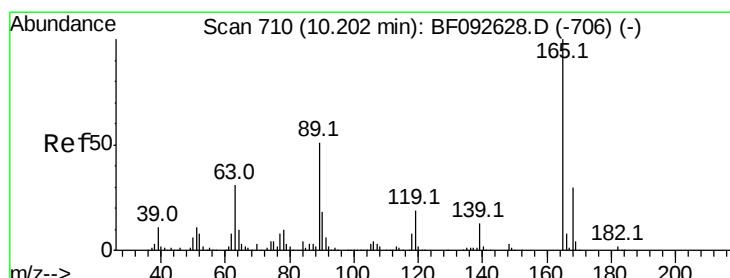
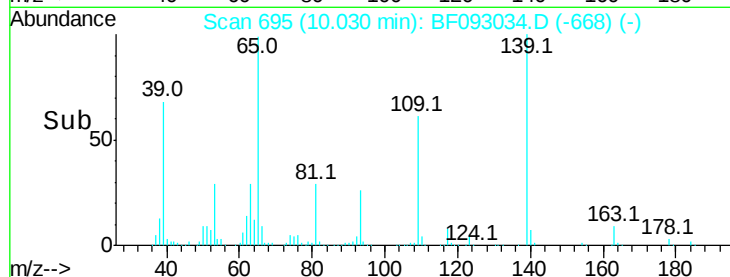
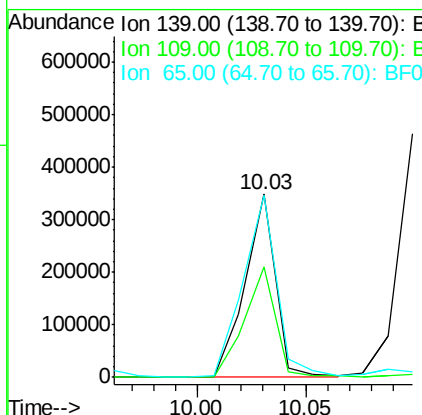
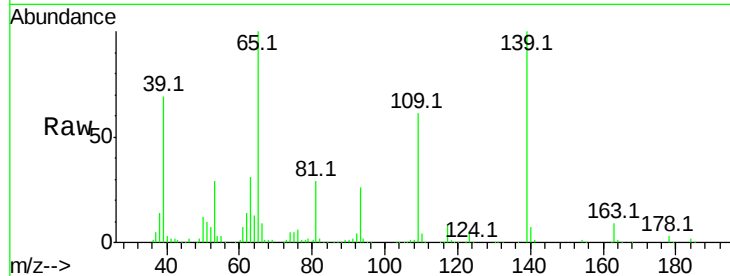
#55
4-Nitrophenol
Concen: 95.42 ng
RT: 10.03 min Scan# 695
Delta R.T. 0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	341579		
109	60.6	52.2	92.2	
65	99.5	85.8	125.8	

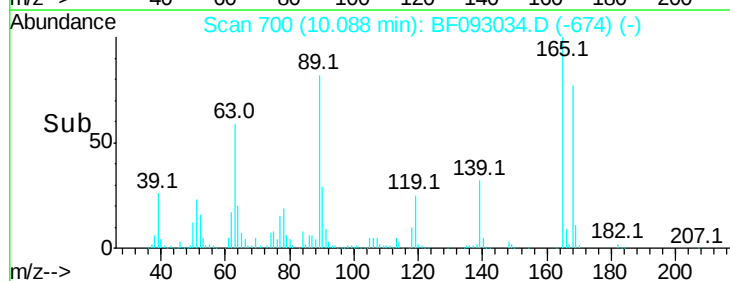
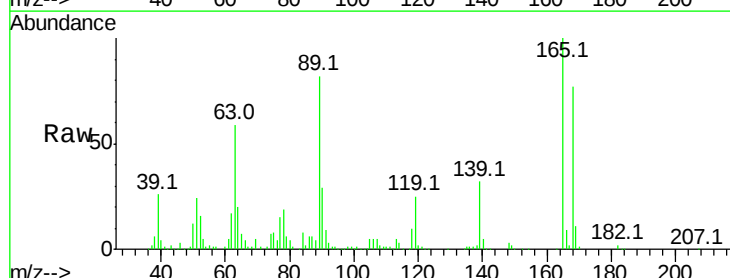
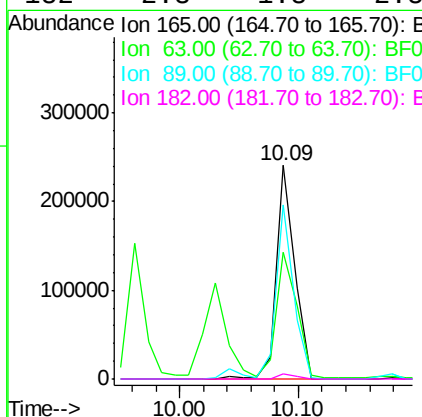
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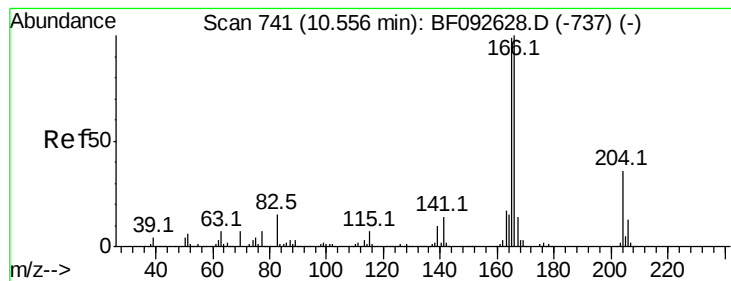
mohammad
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#56
2,4-Dinitrotoluene
Concen: 44.36 ng
RT: 10.09 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	256498		
63	59.4	40.2	60.4	
89	81.6	62.5	93.7	
182	2.3	1.8	2.8	





#57

Fluorene

Concen: 48.55 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

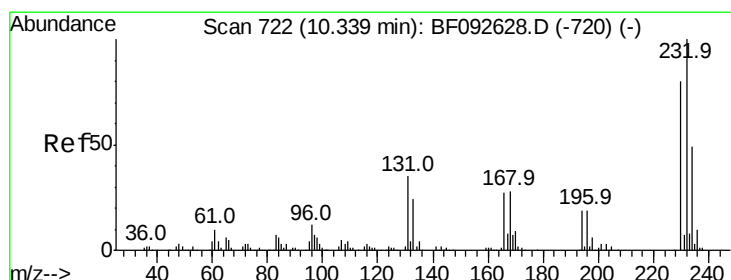
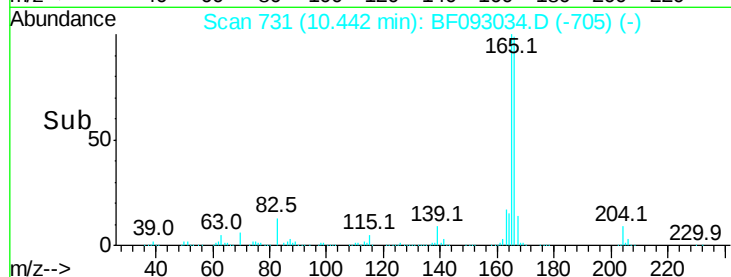
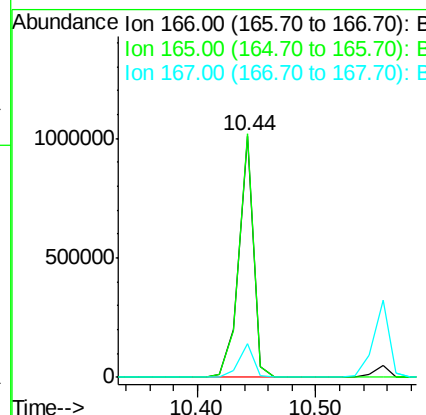
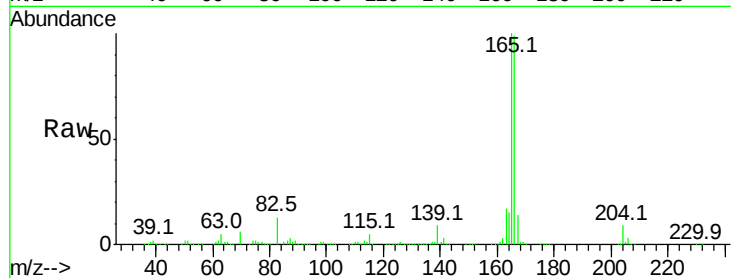
ClientSampled :

PB97034BS

Tot Ion:	166	Resp:	872745
Ion Ratio	Lower	Upper	
166	100		
165	100.7	77.8	116.8
167	13.9	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 56.78 ng

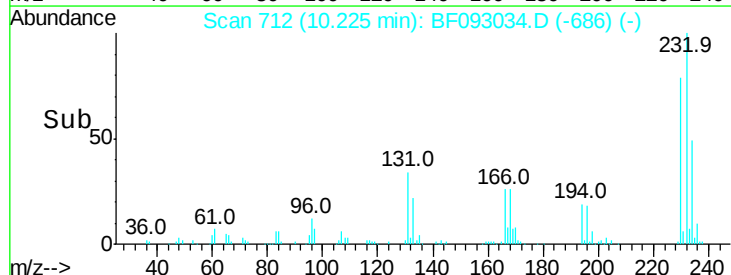
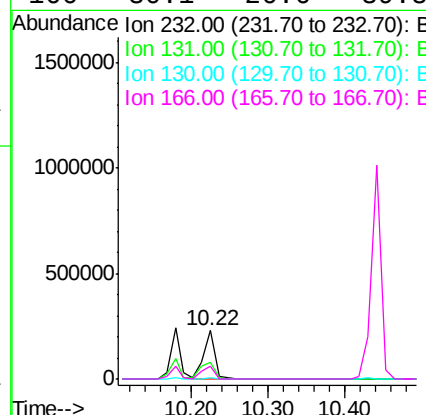
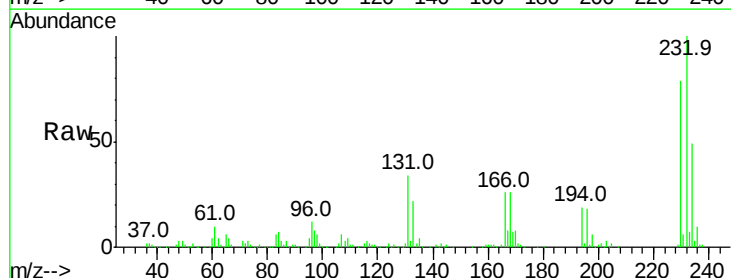
RT: 10.22 min Scan# 712

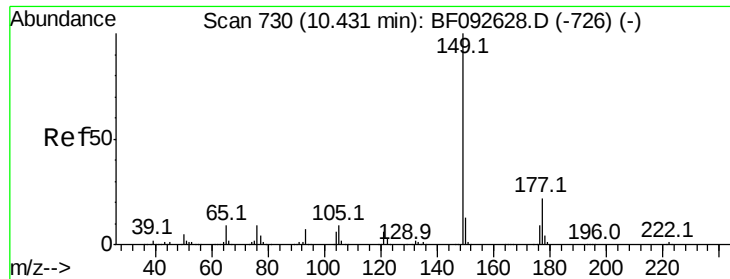
Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Tgt Ion:	232	Resp:	228554
Ion Ratio	Lower	Upper	
232	100		
131	44.9	40.1	60.1
130	2.0	1.8	2.8
166	30.1	26.6	39.8





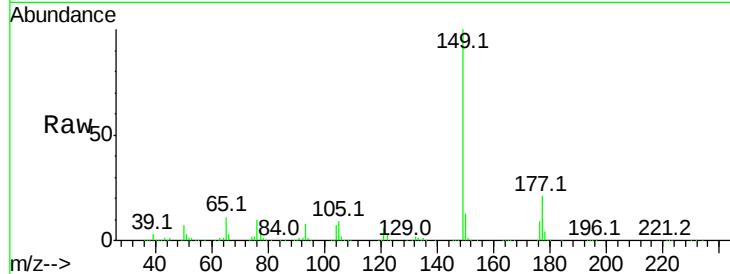
#59
Diethylphthalate
Concen: 47.25 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

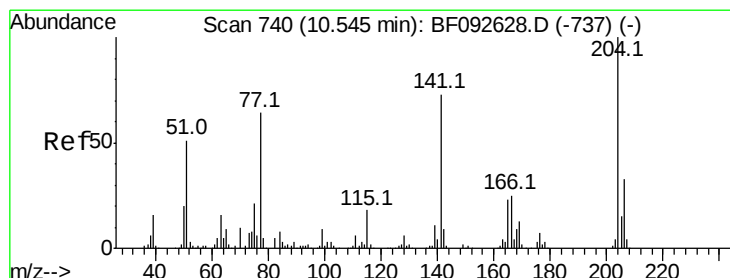
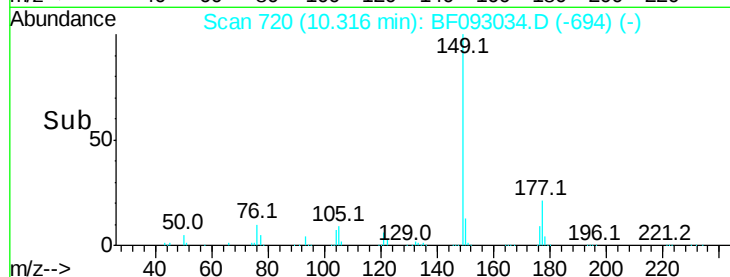
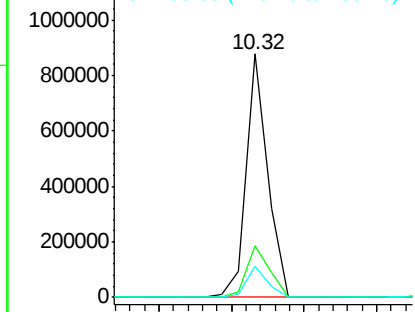
Tot Ion	Ratio	Resp	Lower	Upper
149	100	895498		
177	21.3	16.6	25.0	
150	12.9	10.4	15.6	

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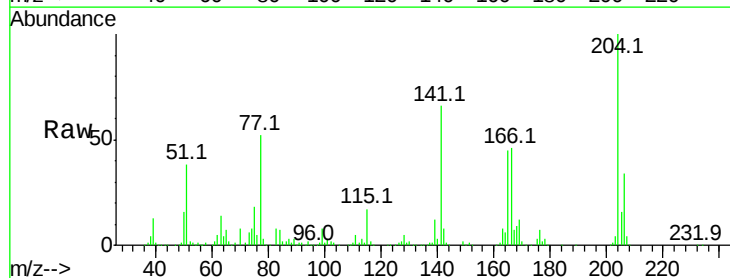


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

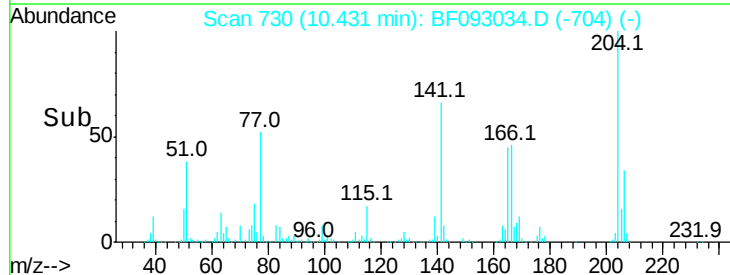
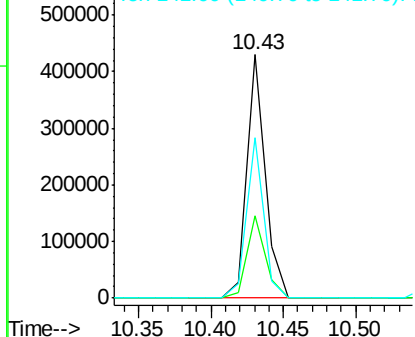


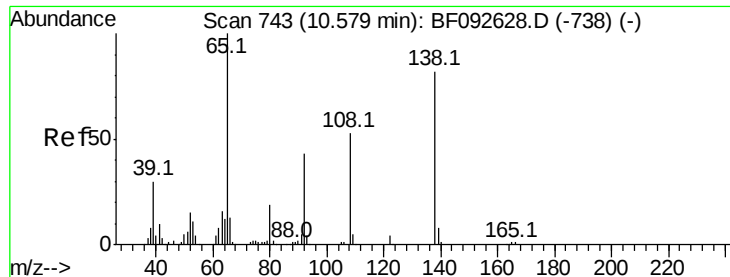
#60
4-Chlorophenyl-phenylether
Concen: 43.65 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	376898		
206	33.8	25.8	38.6	
141	65.8	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





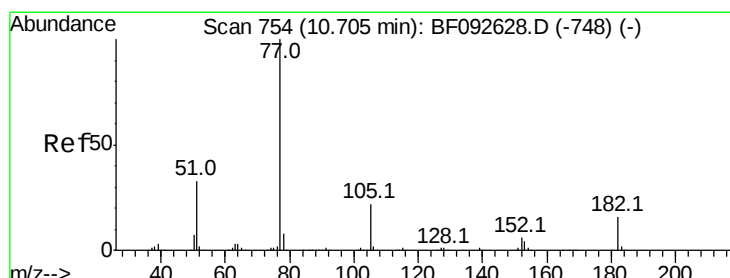
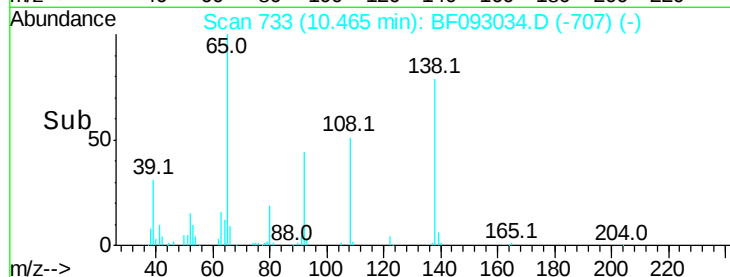
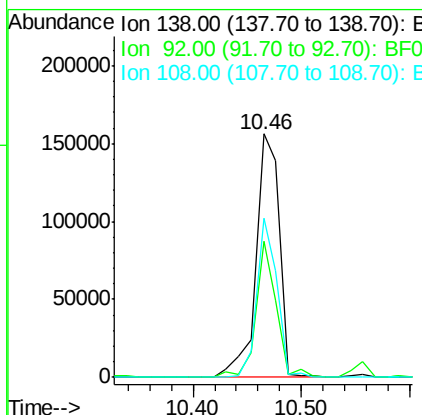
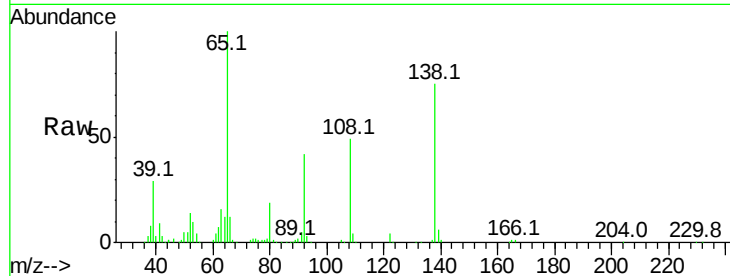
#61
4-Nitroaniline
Concen: 46.21 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	55.7	31.7	71.7
108	65.4	52.6	92.6

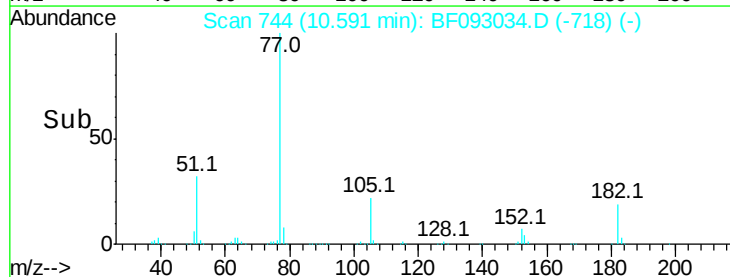
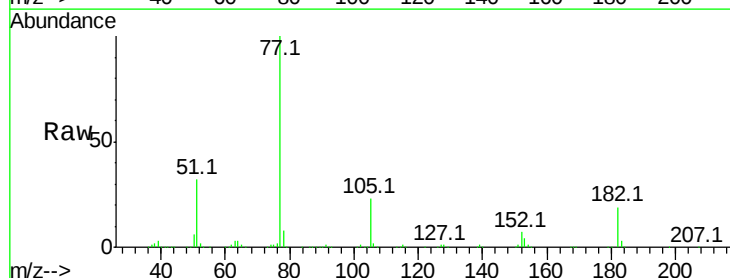
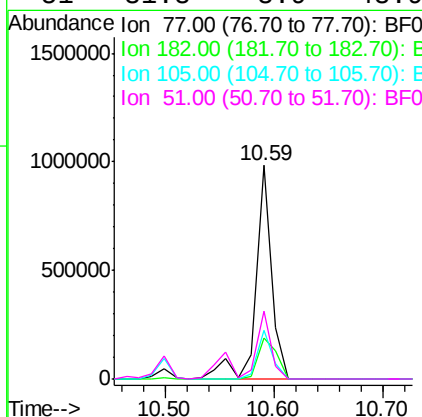
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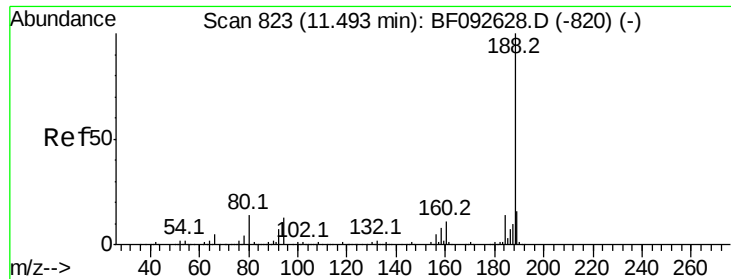
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#62
Azobenzene
Concen: 51.76 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.3	0.0	39.3
105	22.5	2.3	42.3
51	31.8	8.9	48.9





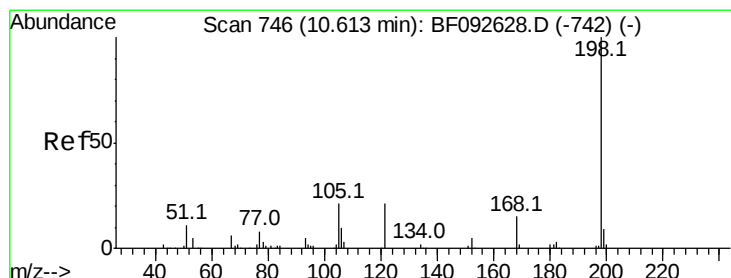
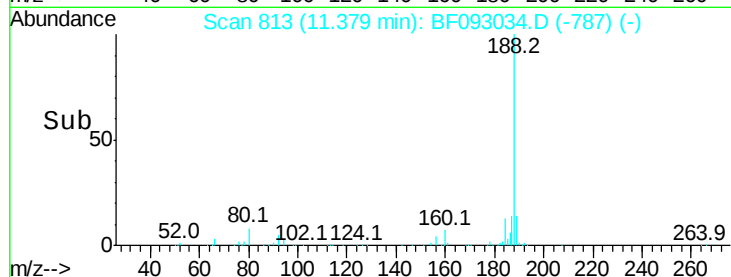
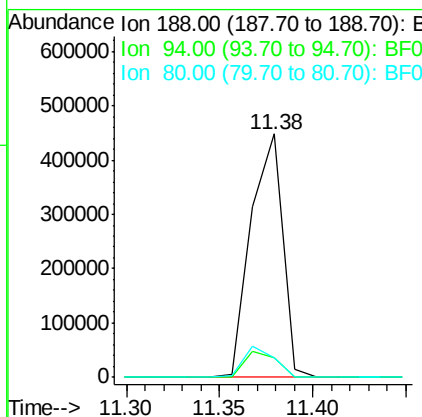
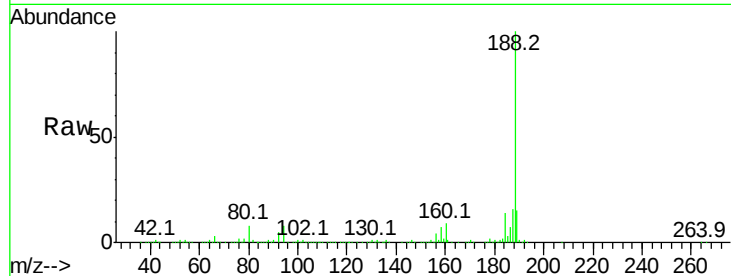
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	538448		
94	8.3	10.0	15.0#	
80	8.2	11.2	16.8#	

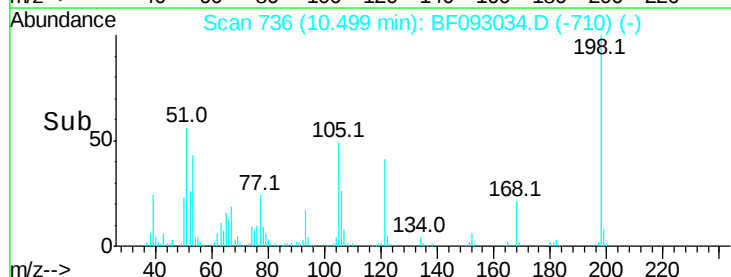
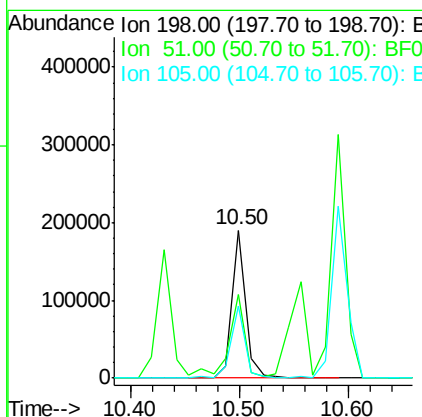
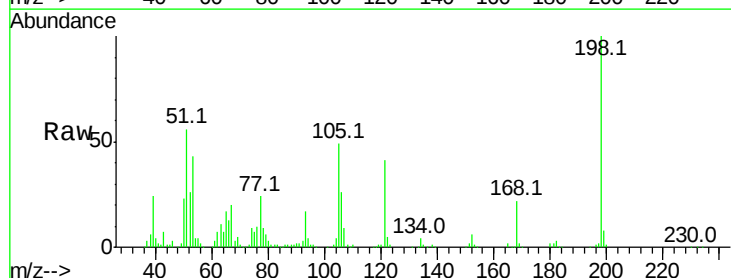
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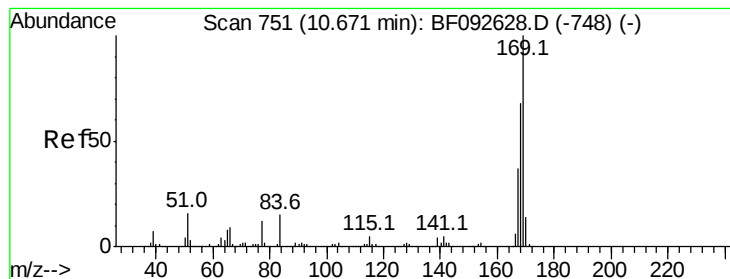
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#64
4,6-Dinitro-2-methylphenol
Concen: 50.22 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	165021		
51	56.2	6.7	46.7#	
105	49.1	16.6	56.6	





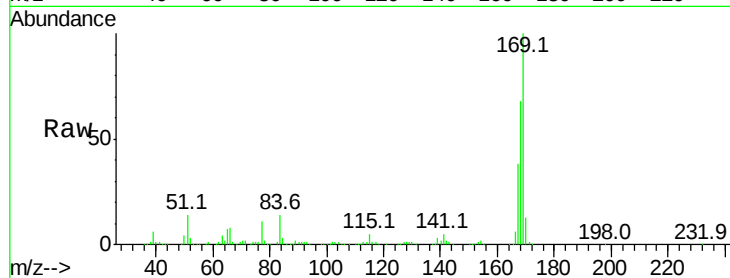
#65
n-Nitrosodiphenylamine
Concen: 46.70 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

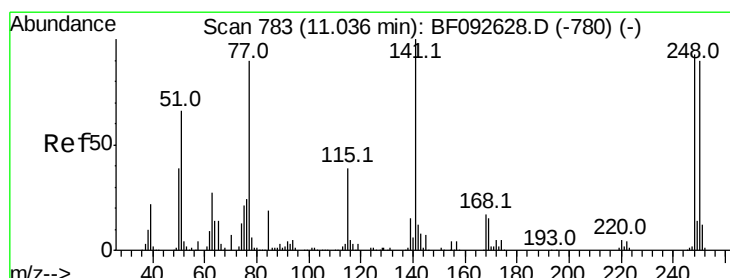
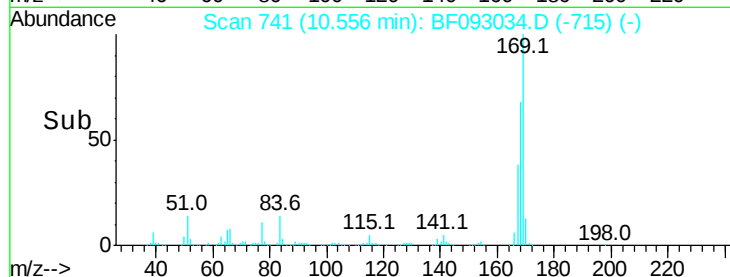
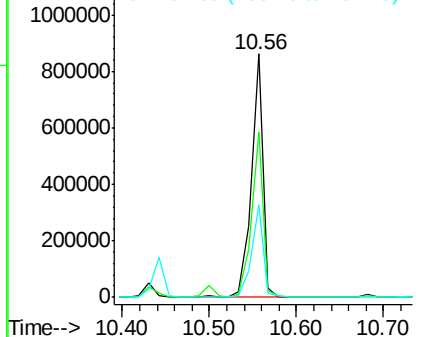
Tot Ion	Ratio	Resp	Lower	Upper
169	100	803316		
168	68.2		54.2	81.2
167	37.8		30.2	45.4

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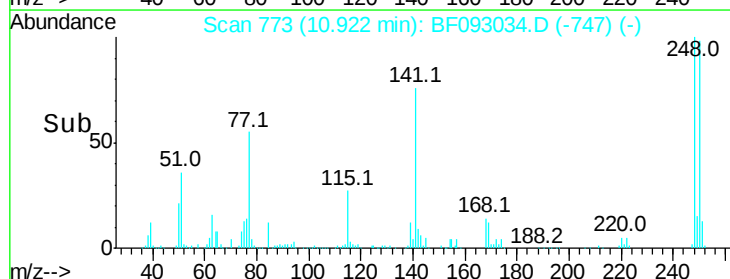
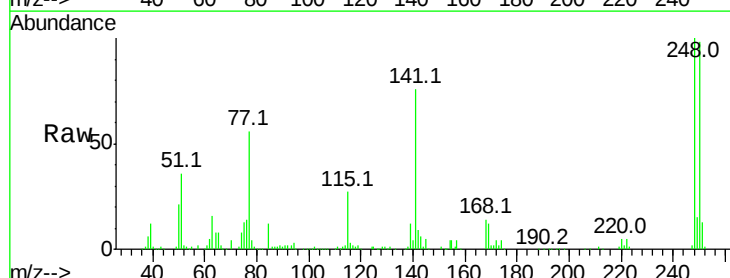
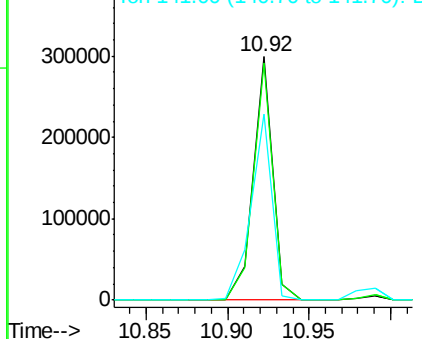
Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

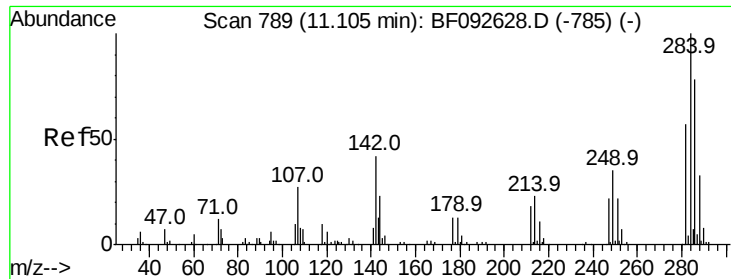


#66
4-Bromophenyl-phenylether
Concen: 44.07 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	247931		
250	97.6		76.9	115.3
141	76.5		68.2	102.4

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





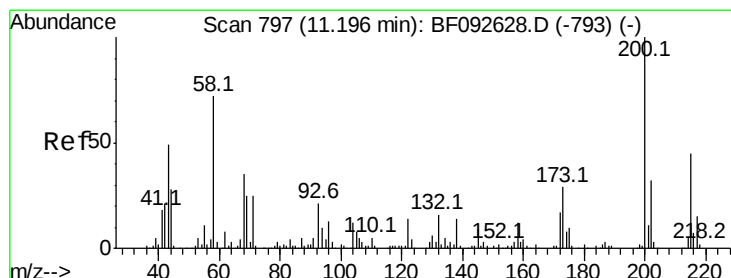
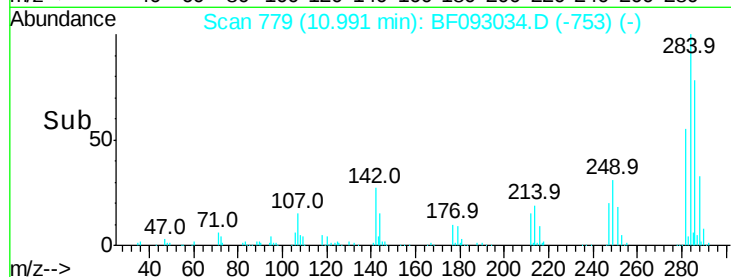
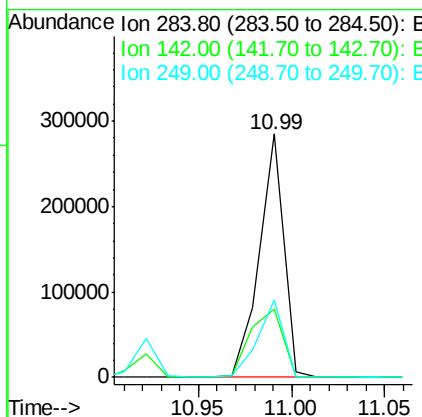
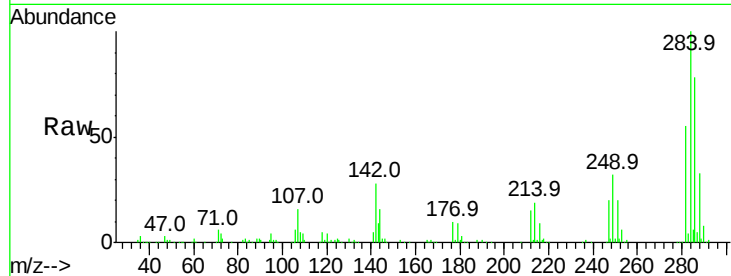
#67
Hexachlorobenzene
Concen: 46.26 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Resp Lower	Upper
284	100		
142	28.0	22.6	33.8
249	31.5	25.4	38.0

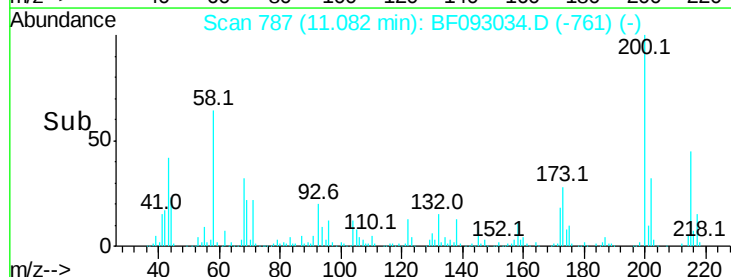
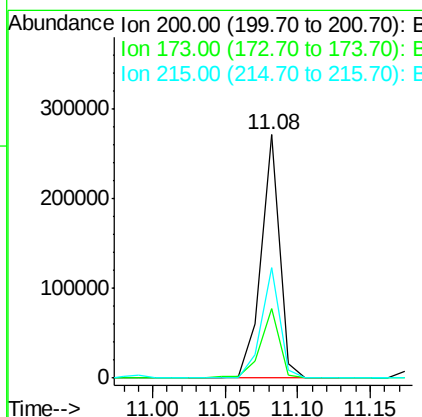
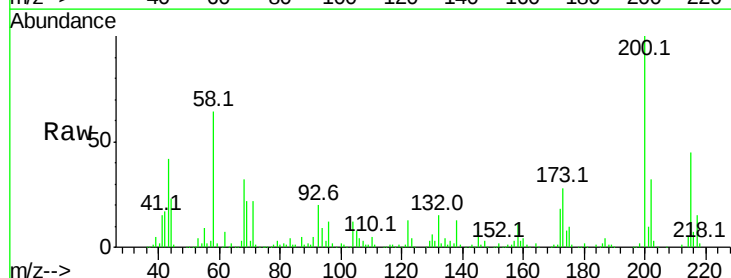
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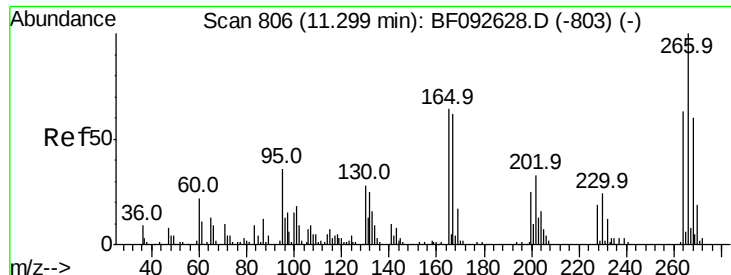
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#68
Atrazine
Concen: 43.57 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Resp Lower	Upper
200	100		
173	28.5	9.6	49.6
215	45.3	25.7	65.7





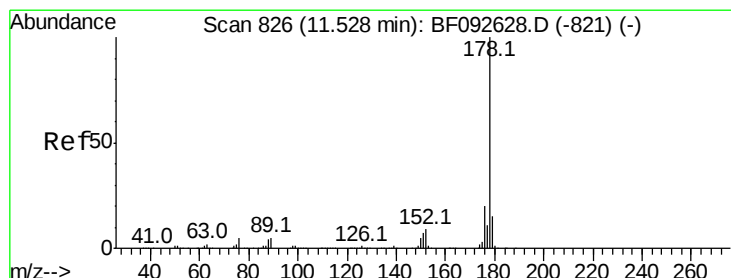
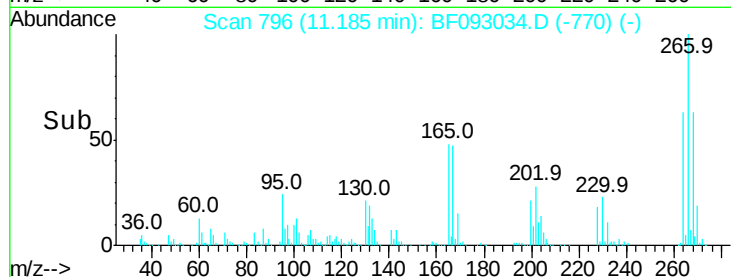
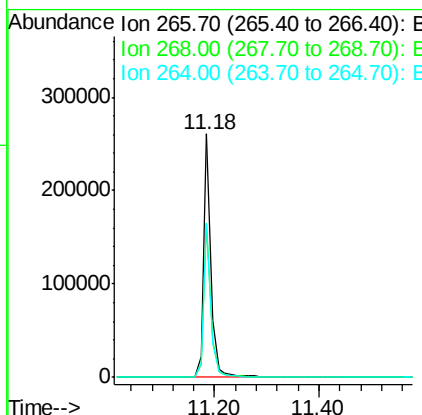
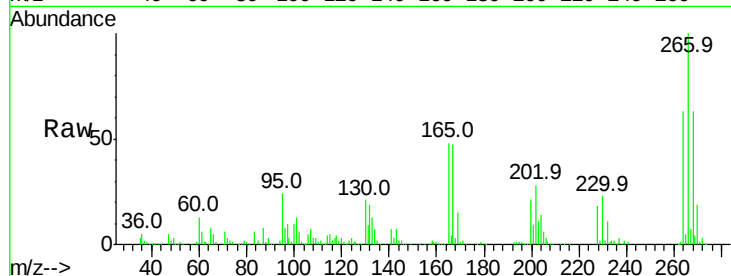
#69
 Pentachlorophenol
 Concen: 89.31 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	258948		
268	63.5	53.3	79.9	
264	63.3	50.3	75.5	

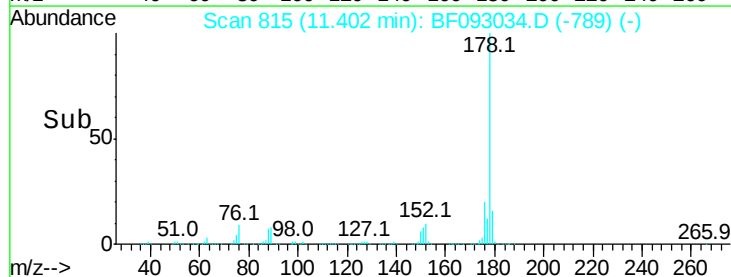
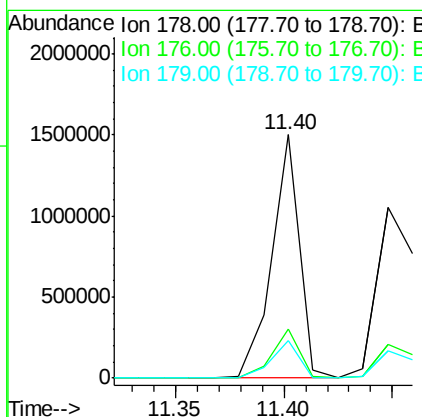
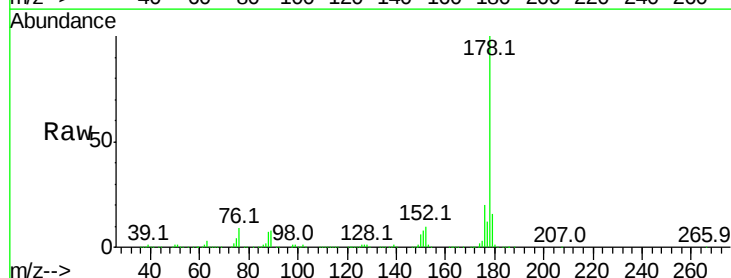
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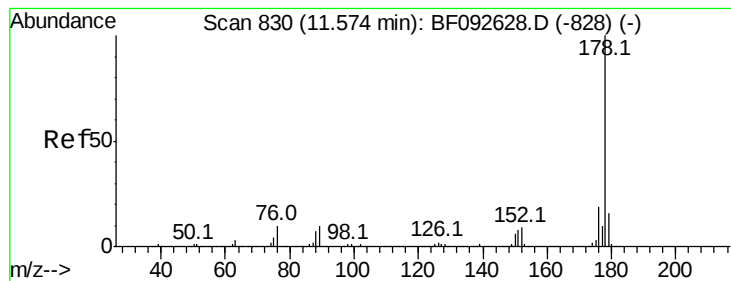
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#70
 Phenanthrene
 Concen: 43.38 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1338365		
176	20.1	16.6	25.0	
179	15.6	12.8	19.2	





#71

Anthracene

Concen: 42.05 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

Tot Ion:178 Resp: 1302526

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

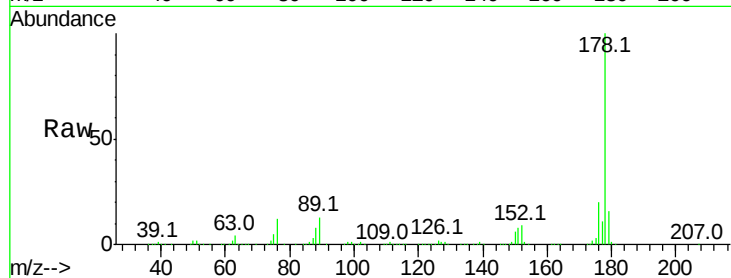
179 16.2 13.2 19.8

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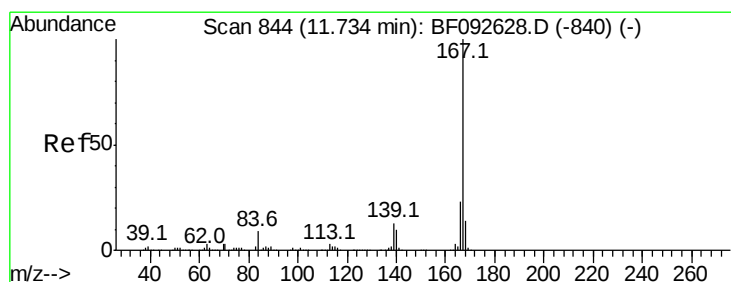
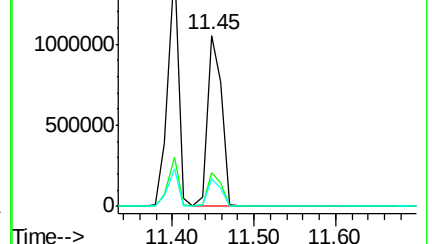
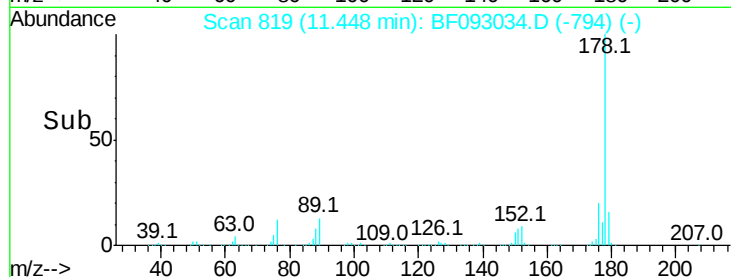
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.17 ng

RT: 11.61 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

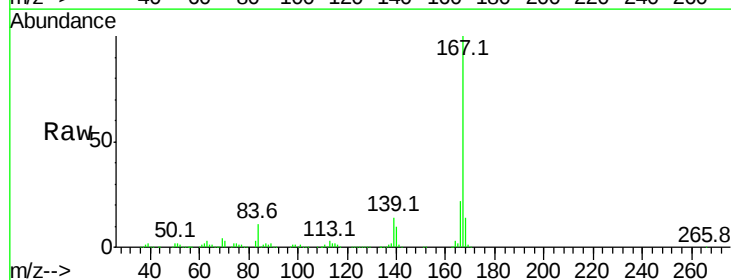
Tgt Ion:167 Resp: 1130346

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

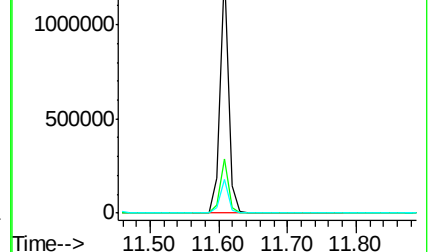
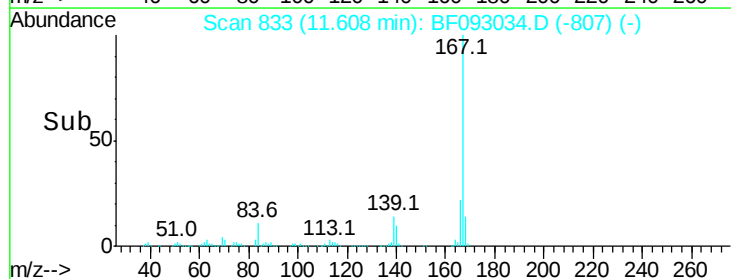
139 13.6 11.4 17.2

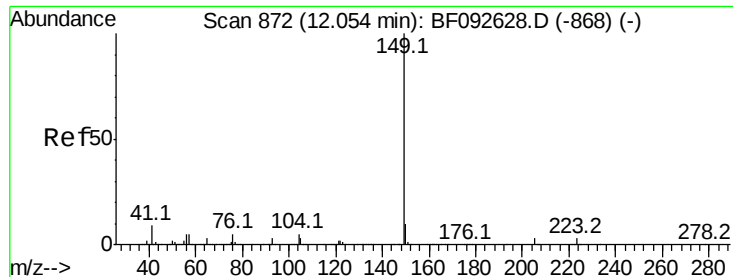


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.04 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

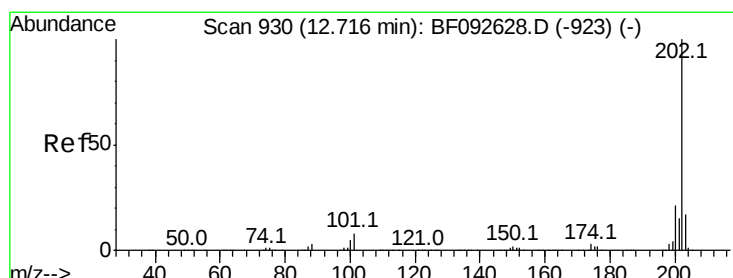
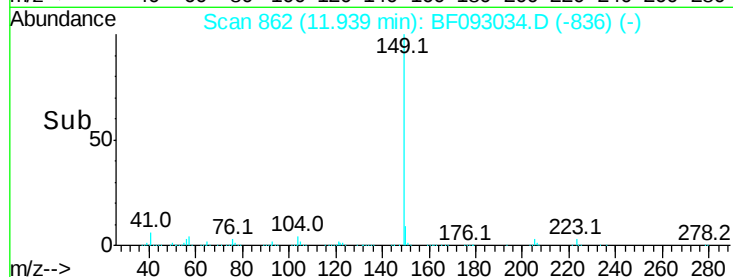
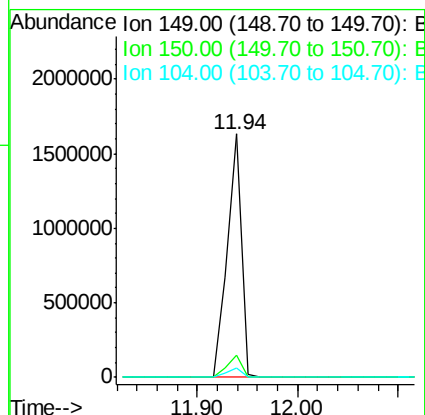
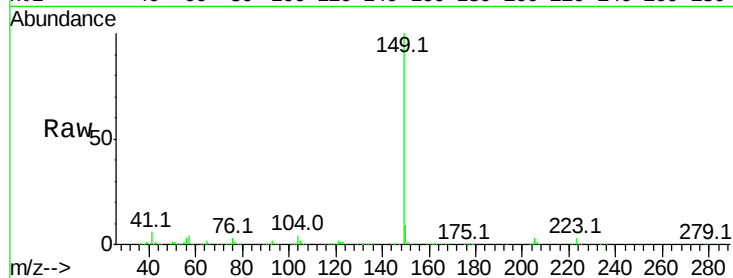
ClientSampleId :

PB97034BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	3.8	4.6	7.0

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#74

Fluoranthene

Concen: 41.56 ng

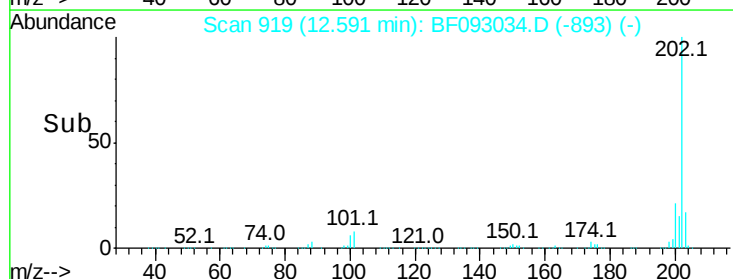
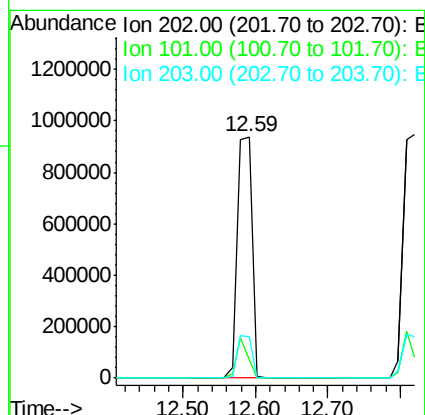
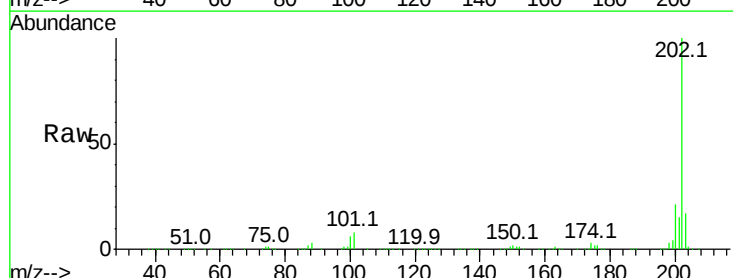
RT: 12.59 min Scan# 919

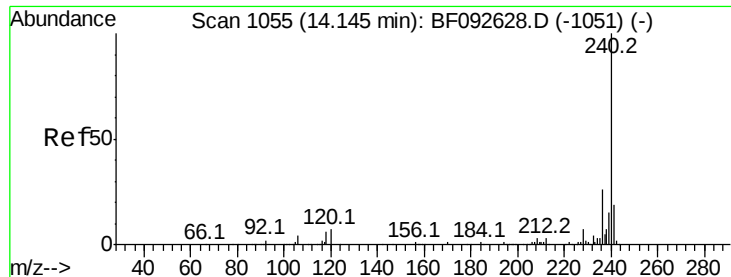
Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	34.6
203	17.2	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

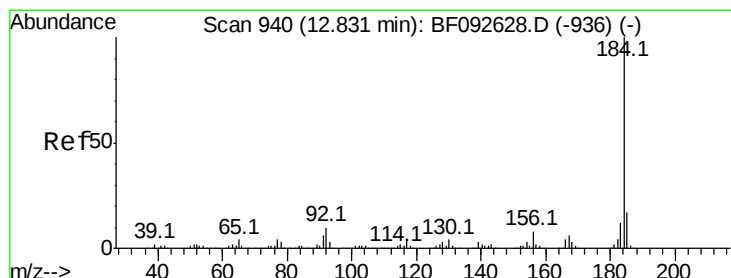
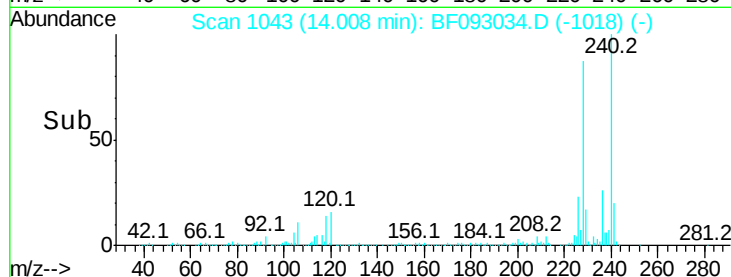
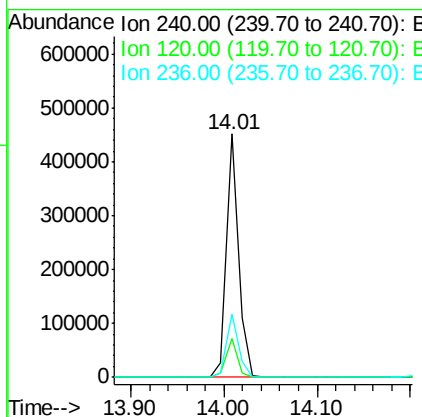
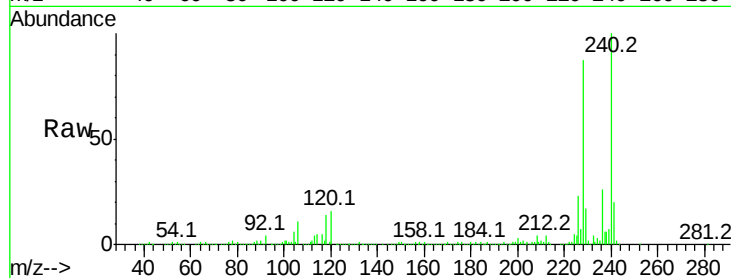
ClientSampleId :

PB97034BS

Tot Ion:	240	Resp:	410286
Ion Ratio	Lower	Upper	
240	100		
120	16.0	12.9	19.3
236	25.8	20.9	31.3

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#76

Benzidine

Concen: 15.35 ng

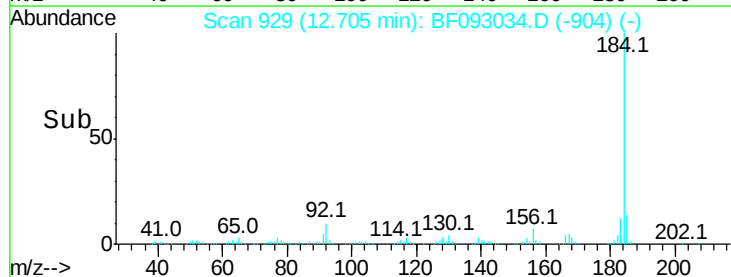
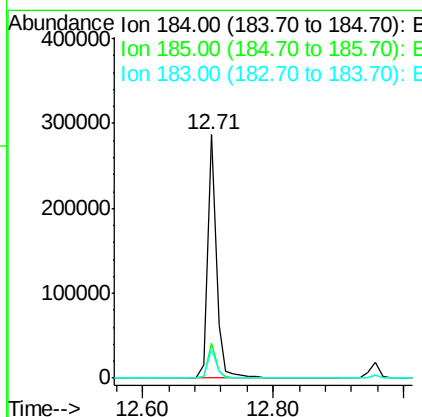
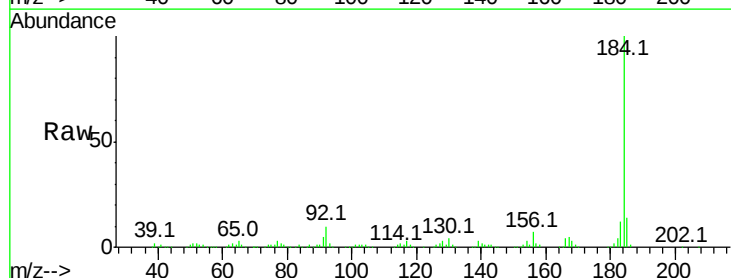
RT: 12.71 min Scan# 929

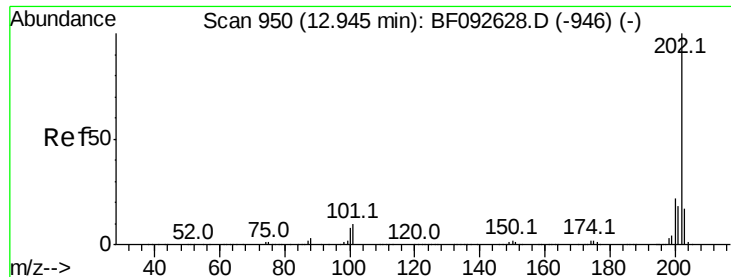
Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Tgt Ion:	184	Resp:	268425
Ion Ratio	Lower	Upper	
184	100		
185	14.1	13.4	20.0
183	11.6	9.2	13.8





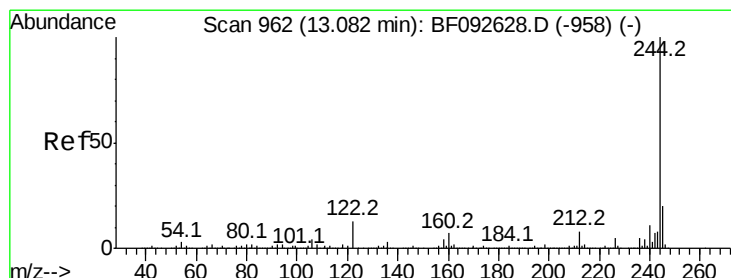
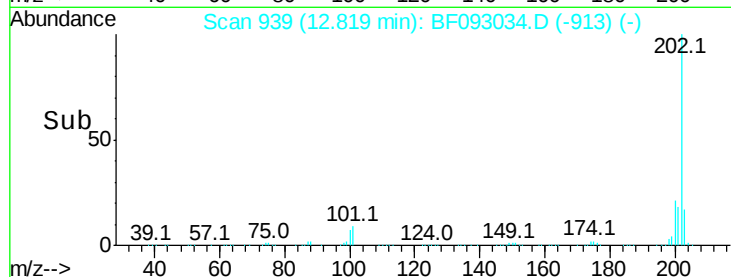
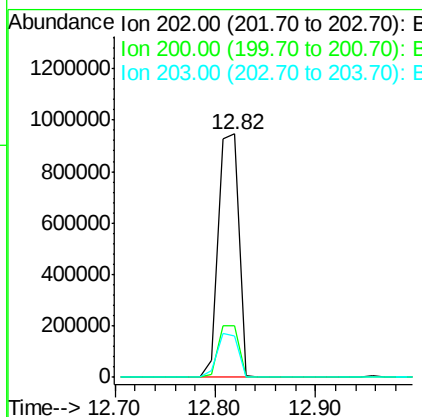
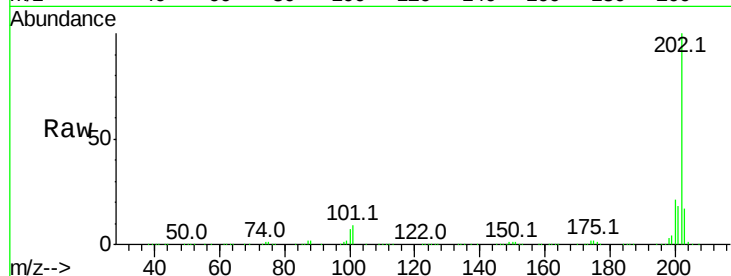
#77
Pvrene
Concen: 43.74 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.3	14.7	22.1

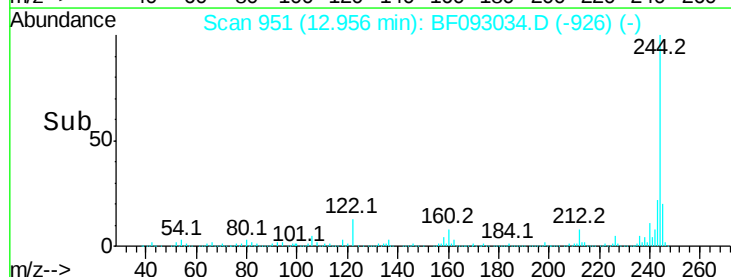
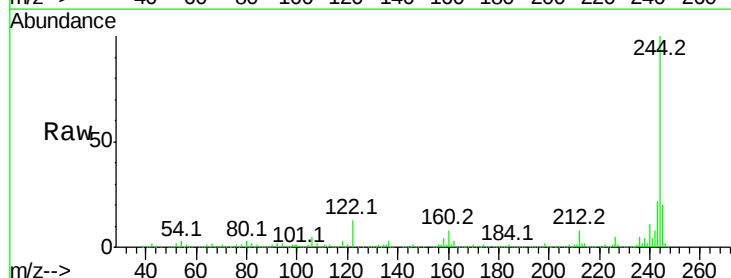
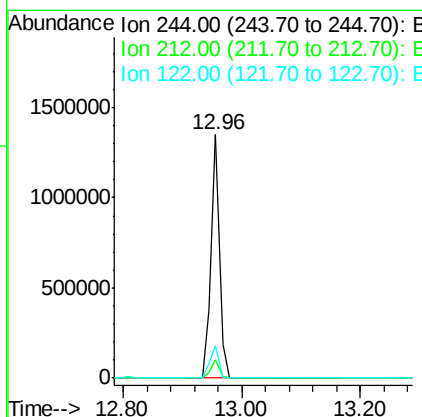
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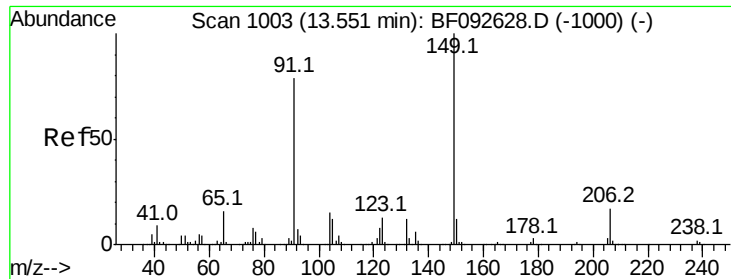
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#78
Terphenyl-d14
Concen: 76.03 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.4	11.4	17.2





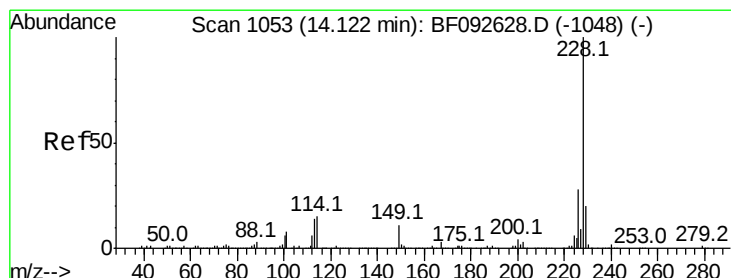
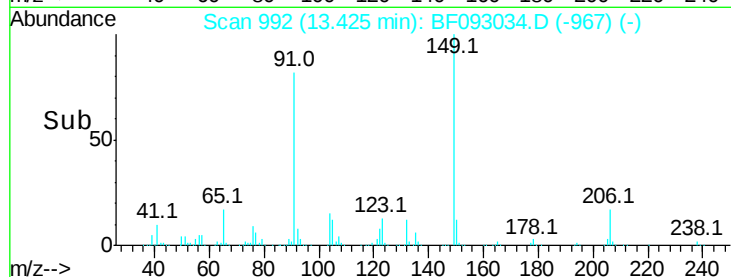
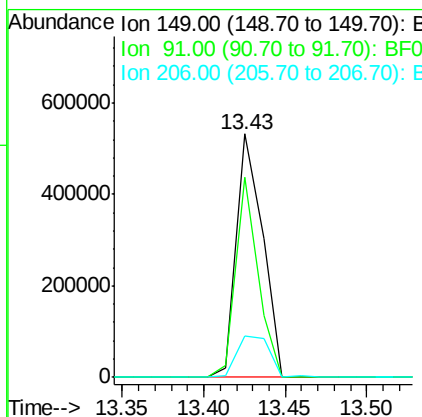
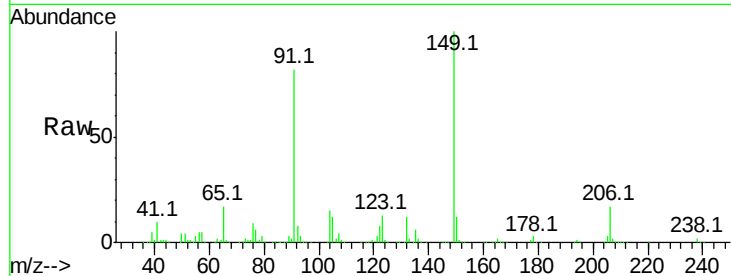
#79
Butylbenzylphthalate
Concen: 47.38 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	590815		
91	82.3	63.9	95.9	
206	17.2	14.6	21.8	

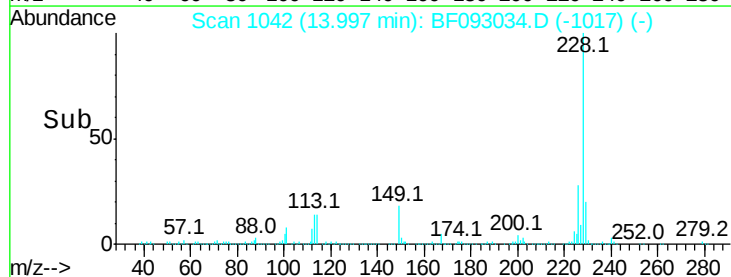
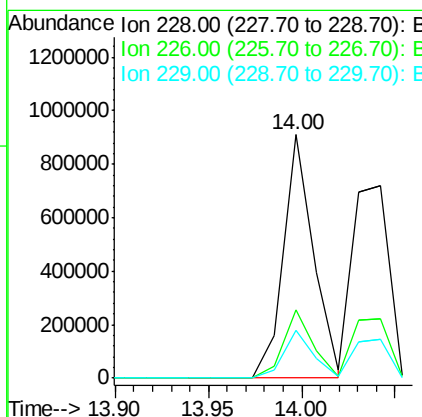
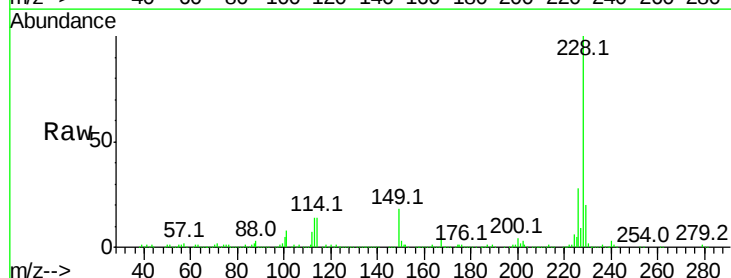
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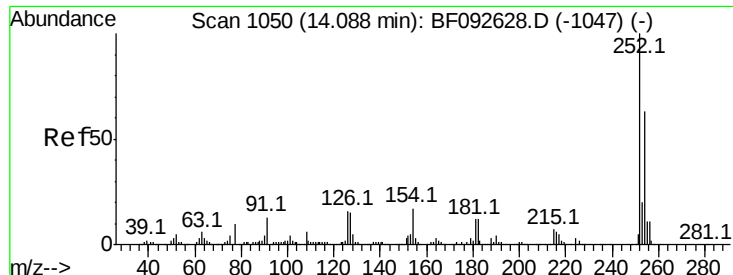
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#80
Benzo(a)anthracene
Concen: 40.90 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1026308		
226	28.1	22.4	33.6	
229	19.8	16.2	24.4	





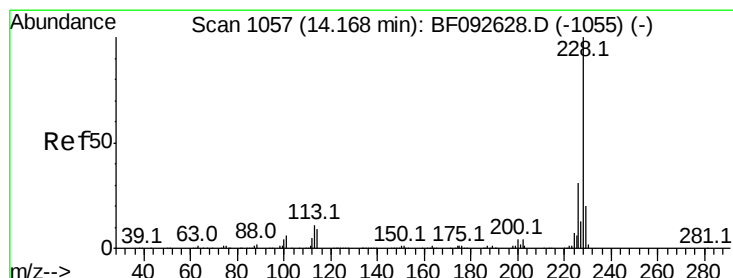
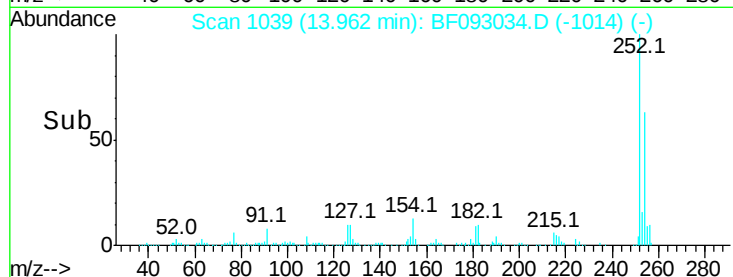
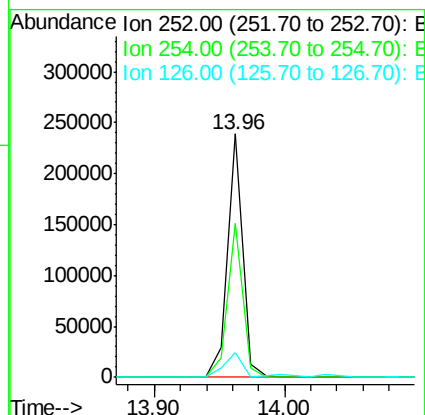
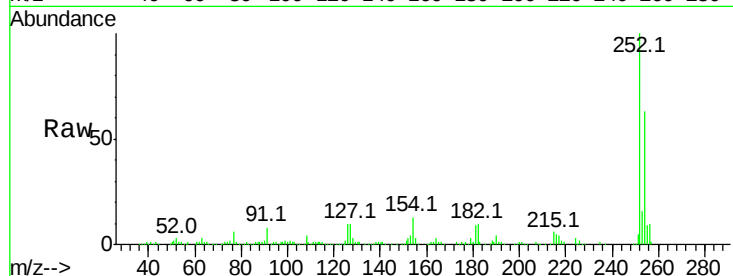
#81
 3,3'-Dichlorobenzidine
 Concen: 21.83 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	195288		
254	63.2	52.3	78.5	
126	10.4	13.6	20.4	

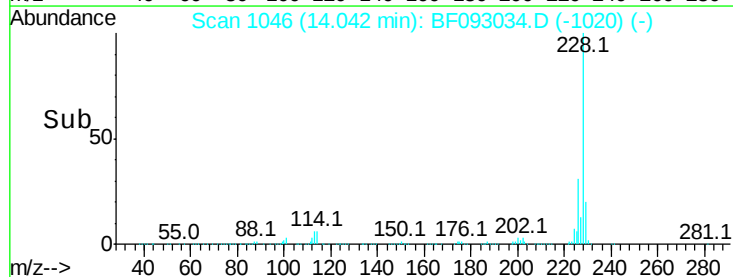
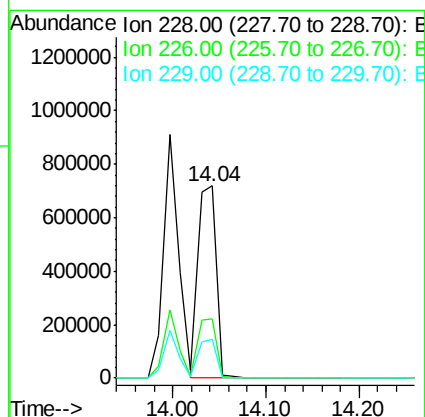
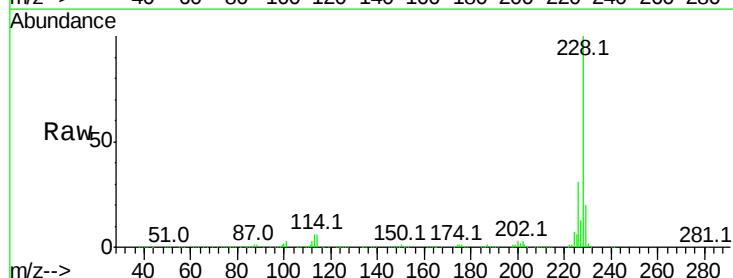
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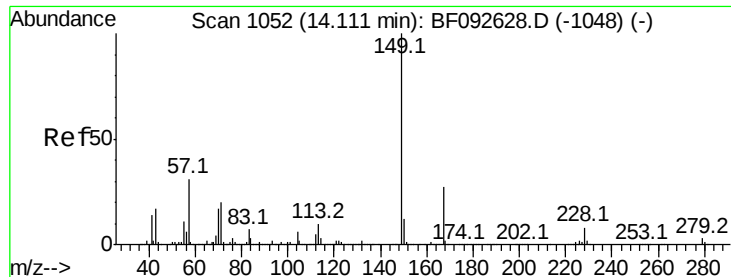
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#82
 Chrysene
 Concen: 42.02 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	987345		
226	30.8	25.4	38.0	
229	19.9	16.2	24.2	





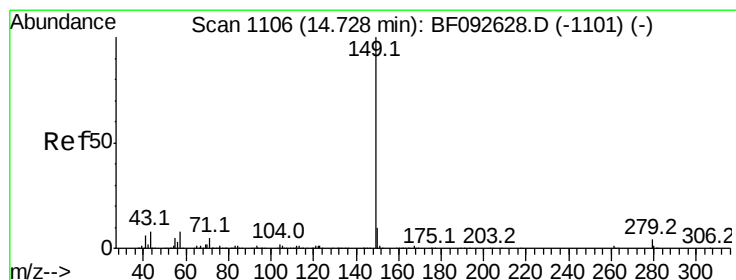
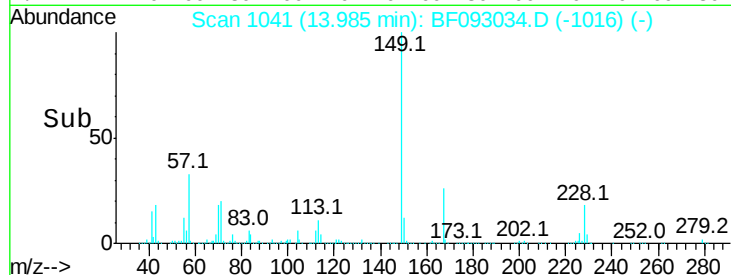
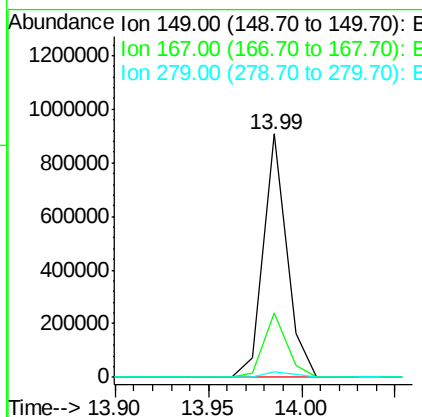
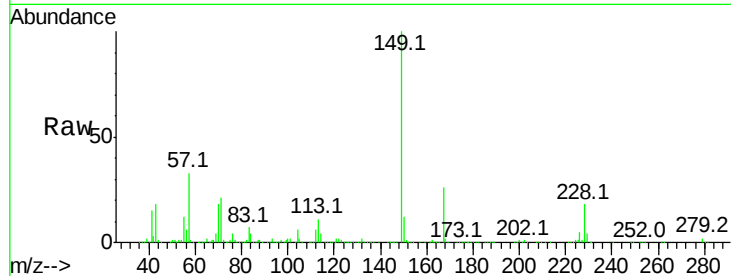
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.15 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.2	30.4
279	2.5	1.8	2.8

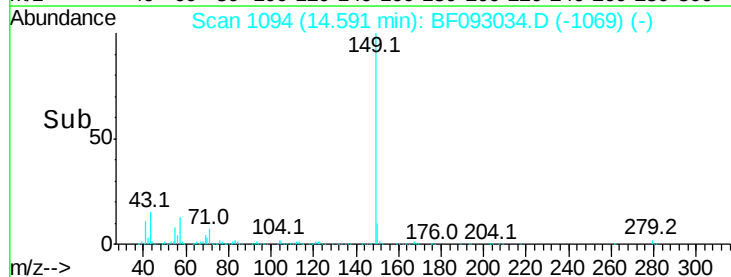
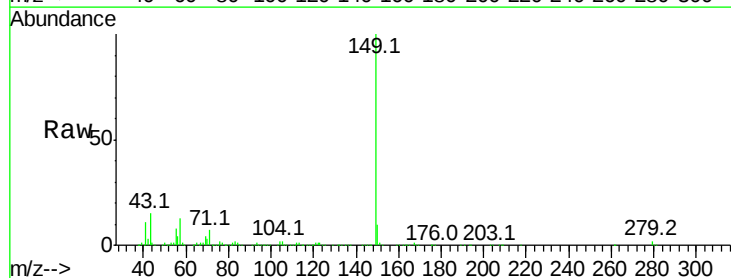
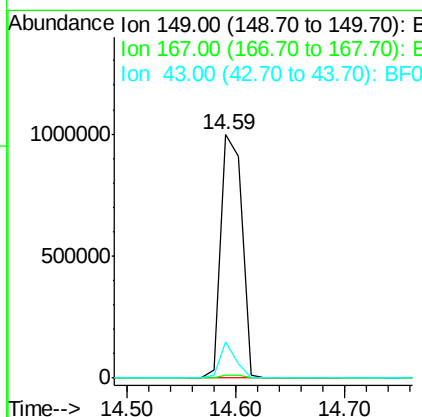
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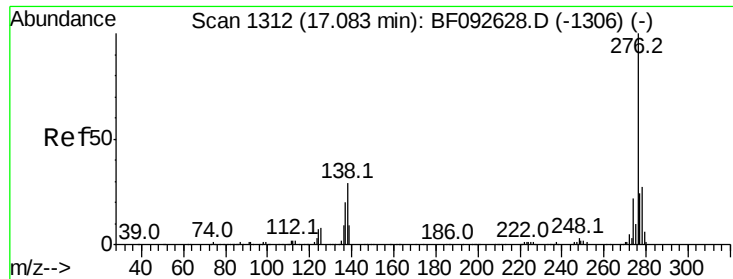
mohammad
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#84
 Di-n-octyl phthalate
 Concen: 48.36 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.1	8.9	13.3





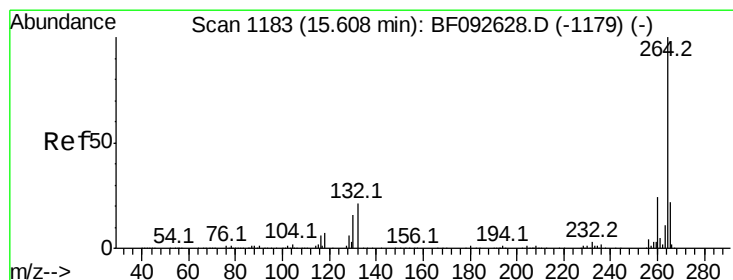
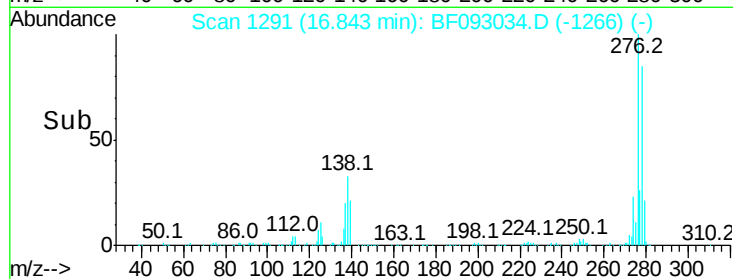
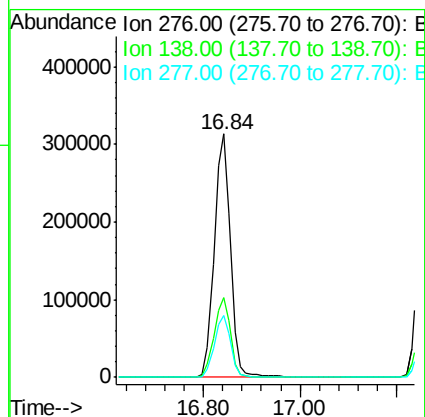
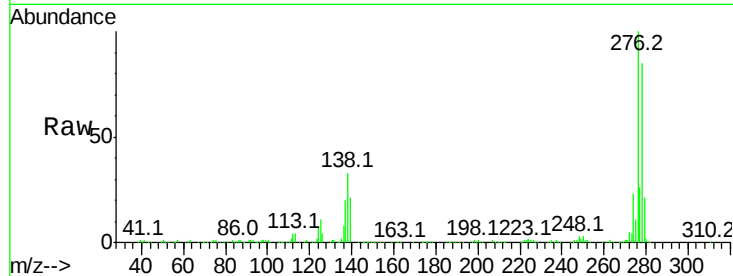
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.91 ng
RT: 16.84 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	21.8	32.6
277	25.6	20.2	30.4

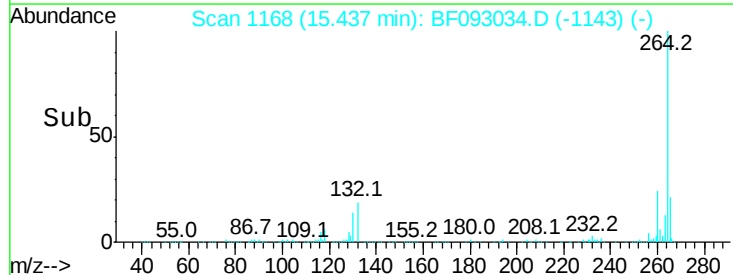
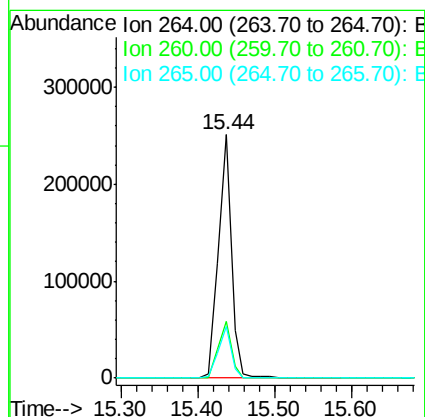
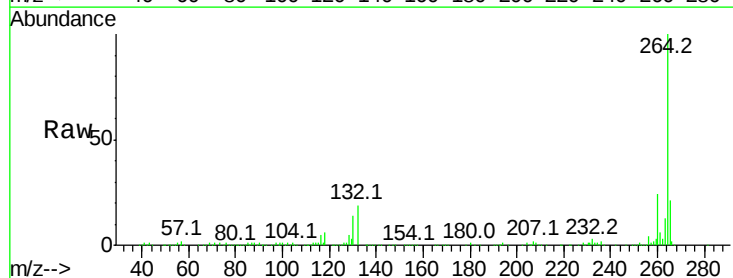
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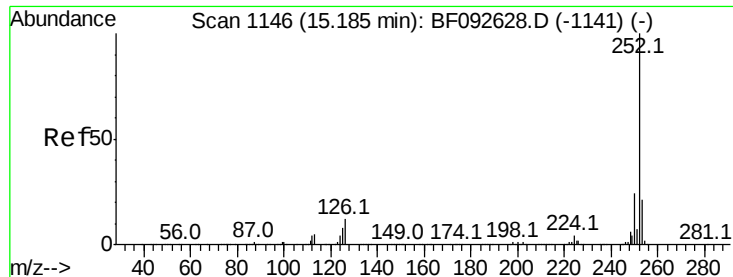
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 42.03 ng m

RT: 15.03 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

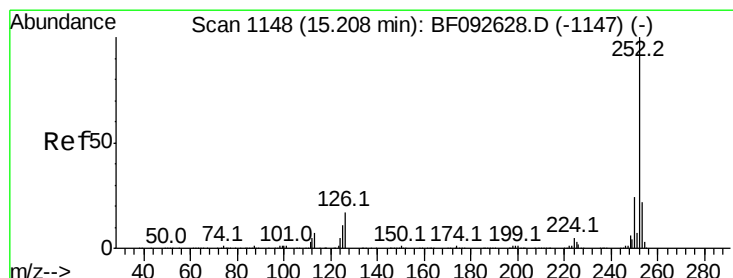
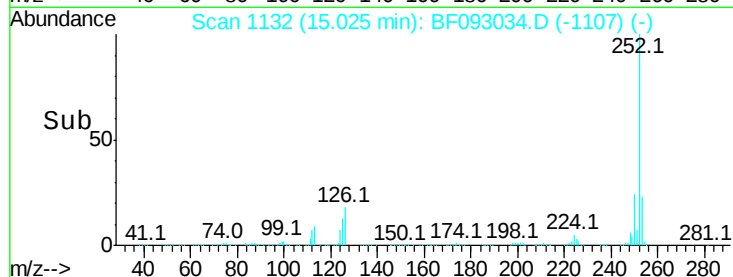
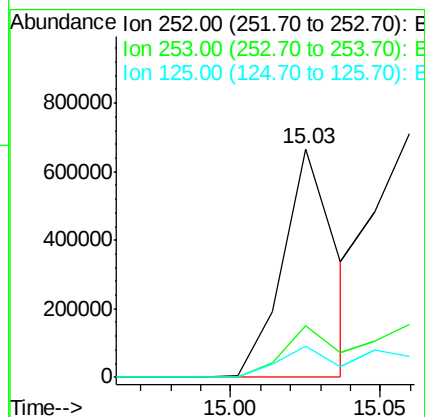
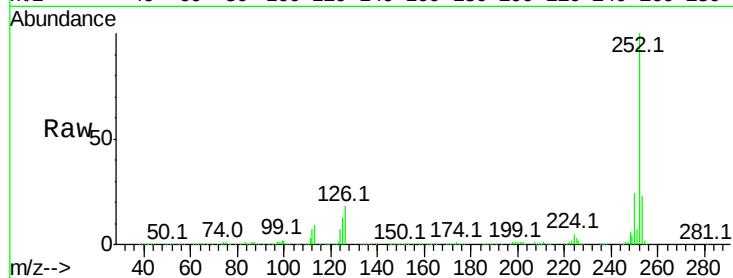
ClientSampleId :

PB97034BS

Tot Ion:	252	Resp:	824069
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.2	27.4
125	13.3	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 50.89 ng m

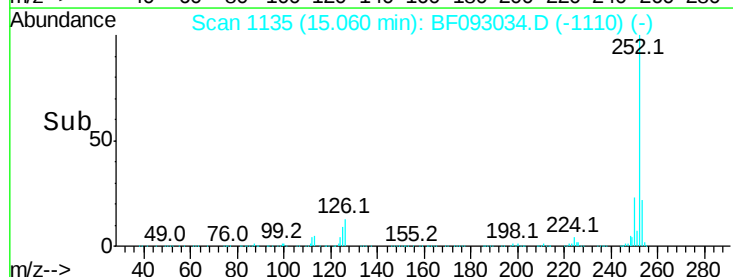
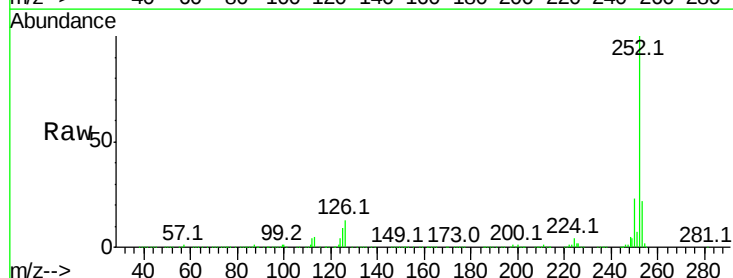
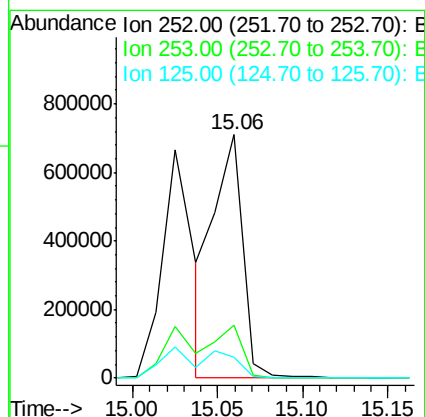
RT: 15.06 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Tgt Ion:	252	Resp:	861624
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.5	27.7
125	8.7	8.9	13.3#





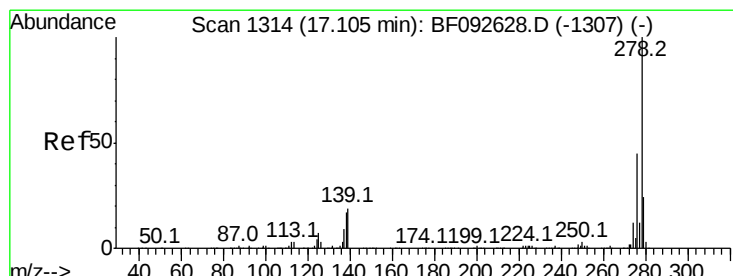
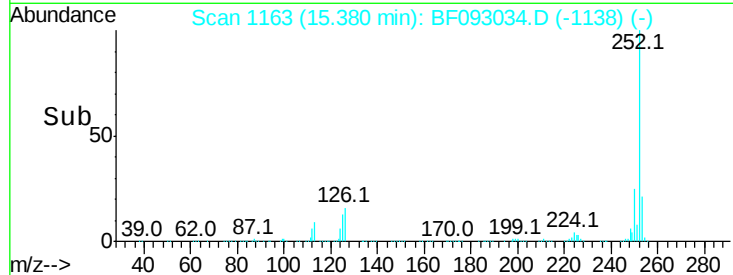
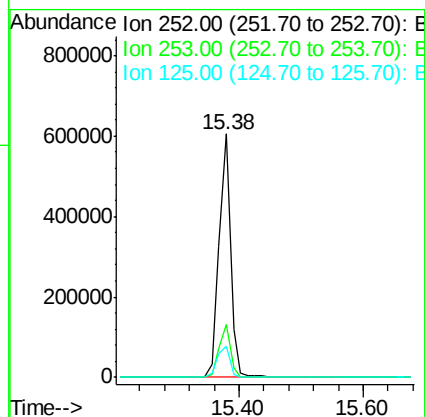
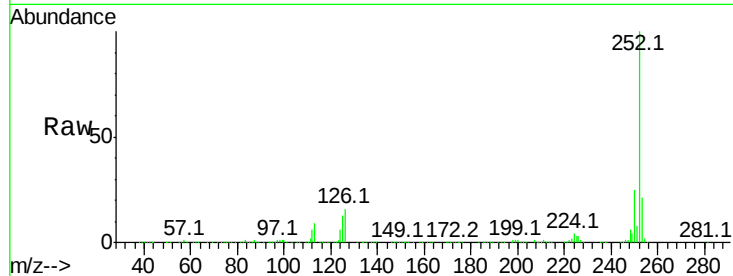
#89
Benzo(a)pyrene
Concen: 44.82 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tot Ion:	252	Resp:	760150
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.2	27.2
125	12.6	10.0	15.0

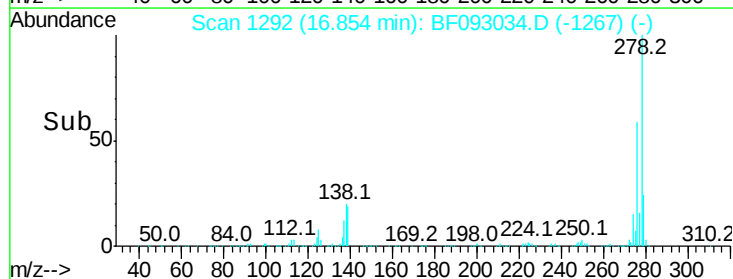
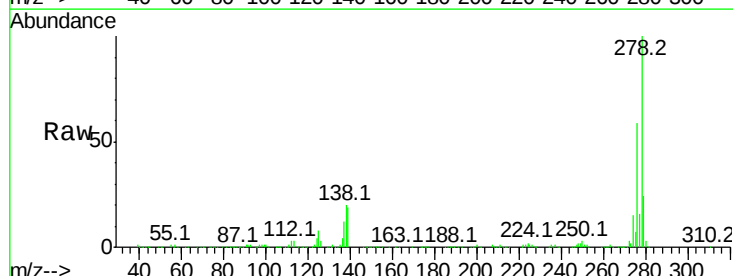
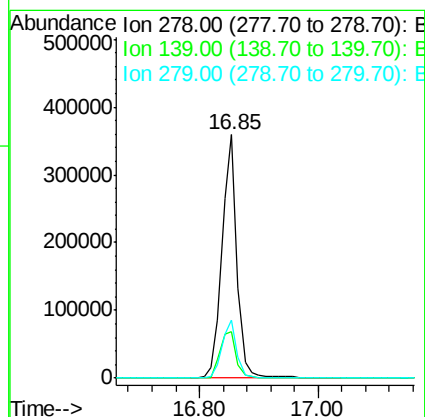
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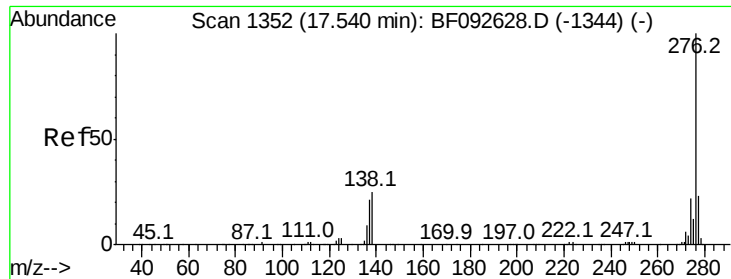
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#90
Dibenzo(a,h)anthracene
Concen: 45.76 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion:	278	Resp:	627222
Ion Ratio	Lower	Upper	
278	100		
139	19.1	14.8	22.2
279	24.0	19.8	29.6





#91
 Benzo(a,h,i)perylene
 Concen: 46.32 ng
 RT: 17.27 min Scan# 1328
 Delta R.T. -0.02 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.2	28.8
138	26.0	16.0	24.0

Manual Integrations
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