

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
 Data File : BF092920.D
 Acq On : 13 Feb 2017 16:10
 Operator : SJ/MA
 Sample : PB96883BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BS

Manual Integrations
 APPROVED

mohammad
 2/14/2017 11:30:06 AM

Quant Time: Feb 13 18:17:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	154624	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	642257	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	347498	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	554678	20.00	ng	0.00
75) Chrysene-d12	14.04	240	462624	20.00	ng	-0.01
86) Perylene-d12	15.48	264	463123	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	775242	86.02	ng	0.01
7) Phenol-d6	6.52	99	945794	81.56	ng	-0.01
23) Nitrobenzene-d5	7.45	82	816066	70.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	210120	83.60	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1408733	73.44	ng	0.00
78) Terphenyl-d14	12.99	244	1262863	64.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	161478	33.16	ng	86
3) Pyridine	3.29	79	414189	33.45	ng	86
4) n-Nitrosodimethylamine	3.25	42	227435	39.11	ng	84
6) Aniline	6.54	93	350088	22.13	ng	# 47
8) 2-Chlorophenol	6.67	128	405099	40.74	ng	92
9) Benzaldehyde	6.43	77	101909	12.27	ng	96
10) Phenol	6.53	94	532686	39.26	ng	80
11) bis(2-Chloroethyl)ether	6.61	93	377903	34.90	ng	89
12) 1,3-Dichlorobenzene	6.82	146	432182	37.11	ng	# 94
13) 1,4-Dichlorobenzene	6.90	146	453012	38.43	ng	96
14) 1,2-Dichlorobenzene	7.05	146	395773	35.11	ng	97
15) Benzyl Alcohol	7.02	79	321159	37.41	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	656758	34.91	ng	93
17) 2-Methylphenol	7.14	107	331027	38.81	ng	97
18) Hexachloroethane	7.39	117	143642	35.70	ng	91
19) n-Nitroso-di-n-propylamine	7.30	70	269623	36.52	ng	96
20) 3+4-Methylphenols	7.30	107	401796	39.40	ng	96
22) Acetophenone	7.30	105	522661	35.64	ng	# 91
24) Nitrobenzene	7.47	77	465880	39.34	ng	91
25) Isophorone	7.71	82	809714	37.68	ng	98
26) 2-Nitrophenol	7.79	139	219775	39.04	ng	# 80
27) 2,4-Dimethylphenol	7.82	122	357694	36.18	ng	98
28) bis(2-Chloroethoxy)methane	7.92	93	458145	32.19	ng	98
29) 2,4-Dichlorophenol	8.03	162	363754	39.45	ng	94
30) 1,2,4-Trichlorobenzene	8.11	180	367375	36.97	ng	97
31) Naphthalene	8.19	128	1146773	35.22	ng	99
32) Benzoic acid	7.95	122	158987	31.31	ng	97
33) 4-Chloroaniline	8.24	127	193740	15.17	ng	95
34) Hexachlorobutadiene	8.30	225	183046	33.48	ng	100
35) Caprolactam	8.61	113	117343m	40.46	ng	
36) 4-Chloro-3-methylphenol	8.73	107	360298	37.48	ng	98
37) 2-Methylnaphthalene	8.88	142	730076	34.92	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	362229	37.13	ng	99
40) Hexachlorocyclopentadiene	9.04	237	207411	47.13	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	256665	40.04	ng	93
43) 2,4,5-Trichlorophenol	9.21	196	253255	36.06	ng #	84
45) 1,1'-Biphenyl	9.34	154	934656	37.14	ng	98
46) 2-Chloronaphthalene	9.37	162	699858	35.55	ng	97
47) 2-Nitroaniline	9.47	65	257976	38.98	ng	87
48) Acenaphthylene	9.79	152	1167553	34.34	ng	97
49) Dimethylphthalate	9.65	163	874655	37.37	ng	99
50) 2,6-Dinitrotoluene	9.71	165	199783	39.52	ng	92
51) Acenaphthene	9.95	154	773929	38.07	ng	97
52) 3-Nitroaniline	9.88	138	137195	23.72	ng #	79
53) 2,4-Dinitrophenol	9.98	184	185660	72.66	ng #	56
54) Dibenzofuran	10.13	168	1042713	38.35	ng #	89
55) 4-Nitrophenol	10.05	139	311421	74.74	ng	89
56) 2,4-Dinitrotoluene	10.11	165	251722	37.40	ng	91
57) Fluorene	10.48	166	749162	35.81	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	199106	42.50	ng	98
59) Diethylphthalate	10.35	149	835164	37.86	ng	94
60) 4-Chlorophenyl-phenylether	10.46	204	370040	36.82	ng #	81
61) 4-Nitroaniline	10.50	138	228187	38.51	ng	83
62) Azobenzene	10.62	77	940325	41.26	ng	93
64) 4,6-Dinitro-2-methylphenol	10.52	198	132261	39.66	ng #	59
65) n-Nitrosodiphenylamine	10.58	169	628970	35.50	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	219701	37.91	ng #	79
67) Hexachlorobenzene	11.01	284	204248	35.67	ng #	76
68) Atrazine	11.10	200	211475	37.19	ng	98
69) Pentachlorophenol	11.22	266	237154	80.20	ng	99
70) Phenanthrene	11.44	178	1172120	36.88	ng	97
71) Anthracene	11.48	178	1147307	35.95	ng	99
72) Carbazole	11.64	167	1142329	37.45	ng	98
73) Di-n-butylphthalate	11.96	149	1216185	36.86	ng	98
74) Fluoranthene	12.61	202	1090317	33.26	ng	98
76) Benzidine	12.74	184	318366	16.15	ng	97
77) Pyrene	12.84	202	1156181	33.40	ng	99
79) Butylbenzylphthalate	13.46	149	529612	37.67	ng	98
80) Benzo(a)anthracene	14.03	228	1004635	35.51	ng	100
81) 3,3'-Dichlorobenzidine	14.00	252	253037	25.09	ng #	98
82) Chrysene	14.08	228	1023914	38.65	ng	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	722397	37.57	ng	98
84) Di-n-octyl phthalate	14.64	149	1369063	43.73	ng	99
85) Indeno(1,2,3-cd)pyrene	16.91	276	979551	47.74	ng	94
87) Benzo(b)fluoranthene	15.07	252	1005172	32.98	ng	98
88) Benzo(k)fluoranthene	15.11	252	984462m	37.40	ng	
89) Benzo(a)pyrene	15.43	252	936875	35.53	ng	97
90) Dibenzo(a,h)anthracene	16.92	278	813669	38.18	ng	96
91) Benzo(g,h,i)perylene	17.35	276	850541	39.51	ng #	95

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

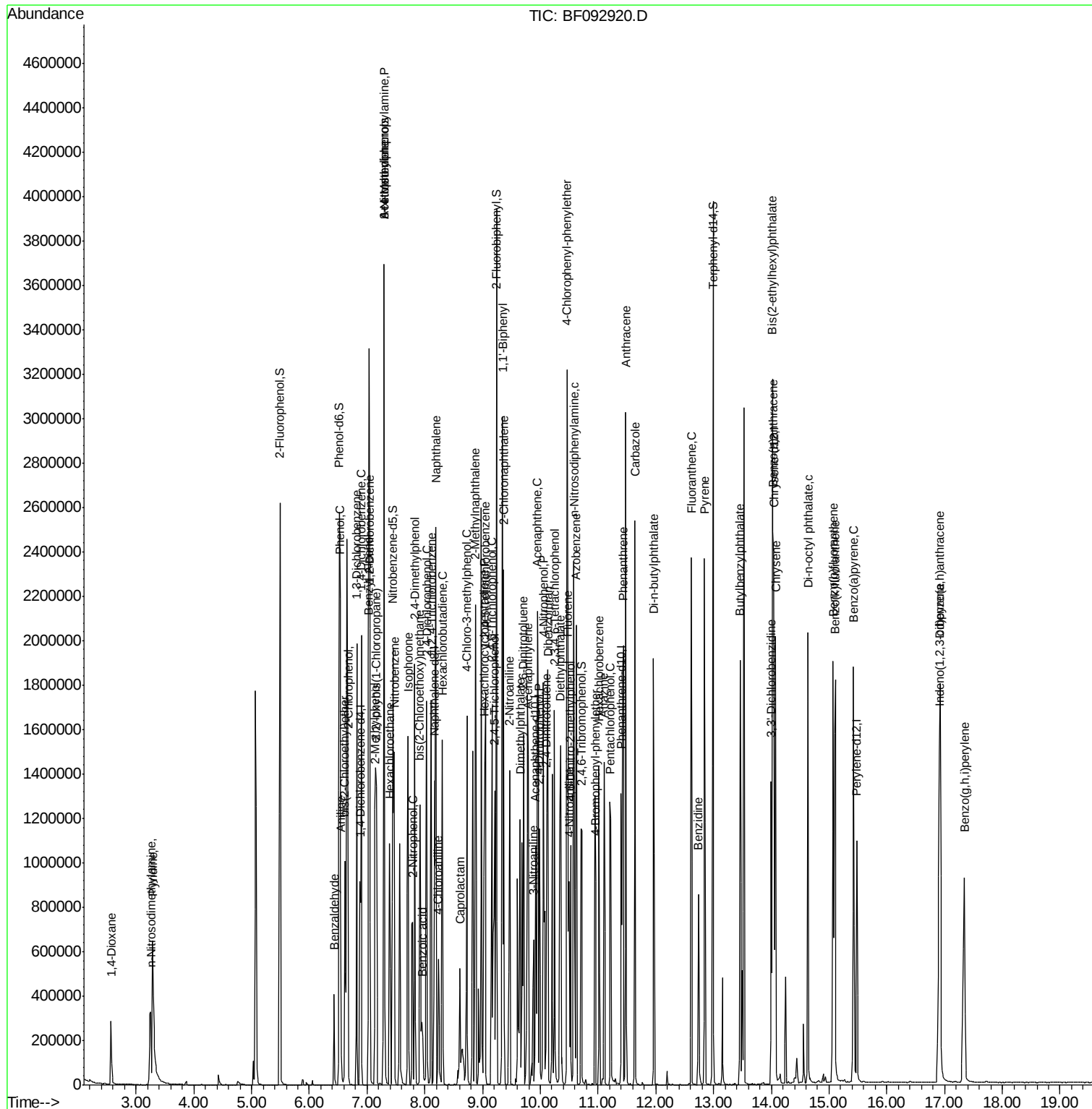
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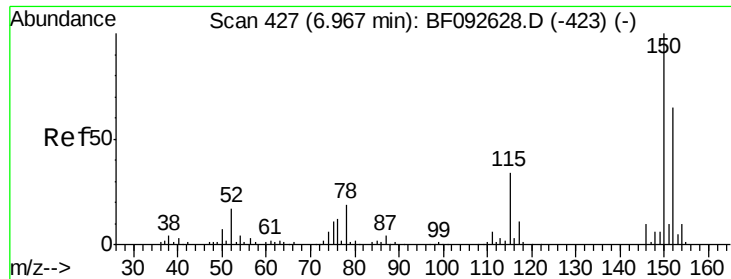
Instrument :
BNA_F
ClientSampleID :
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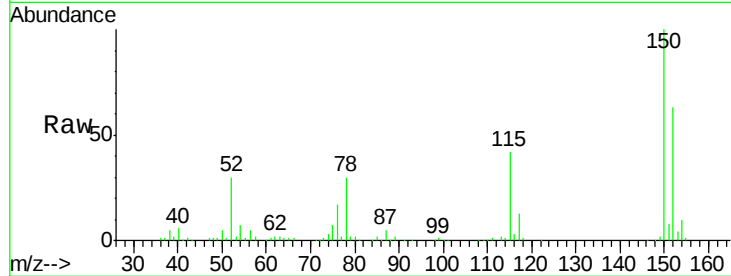
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

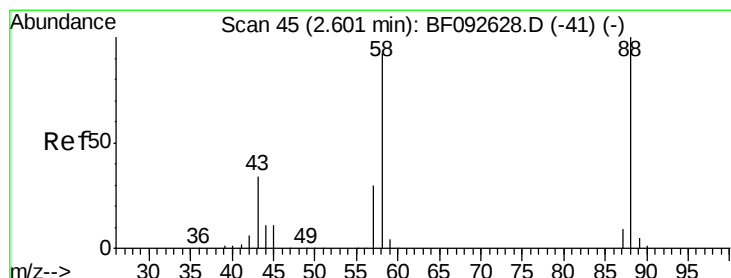
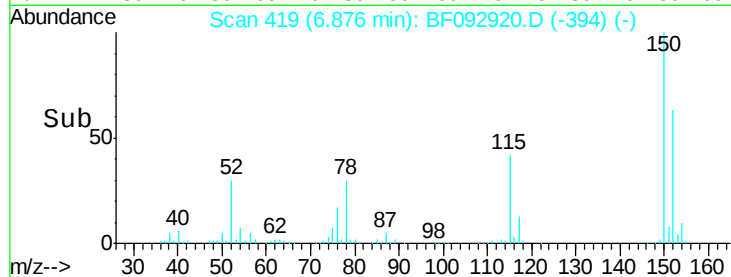
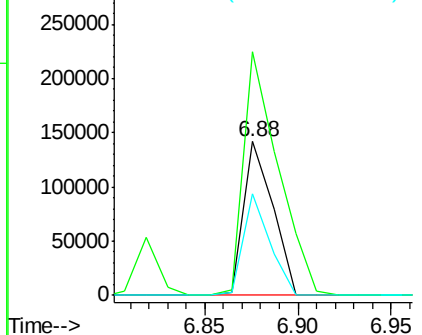
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.9	187.3
115	66.4	46.0	69.0

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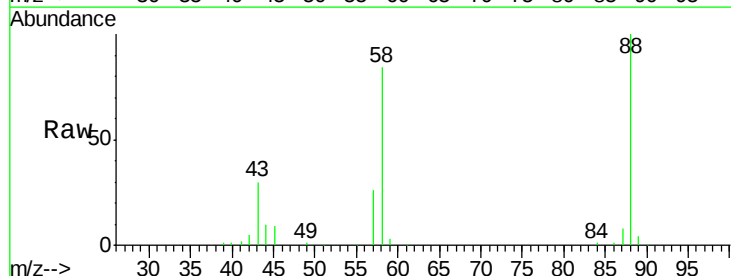
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



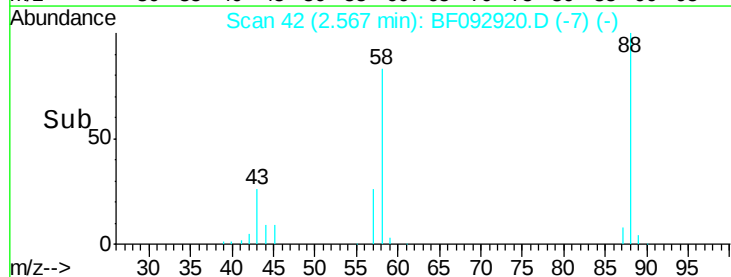
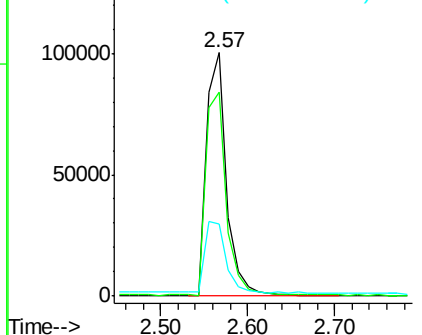
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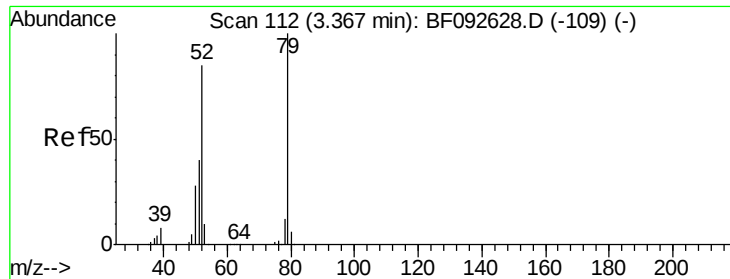
1,4-Dioxane
Concen: 33.16 ng
RT: 2.57 min Scan# 42
Delta R.T. 0.10 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.8	57.8	86.8
43	32.5	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

Pyridine

Concen: 33.45 ng

RT: 3.29 min Scan# 105

Delta R.T. 0.09 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

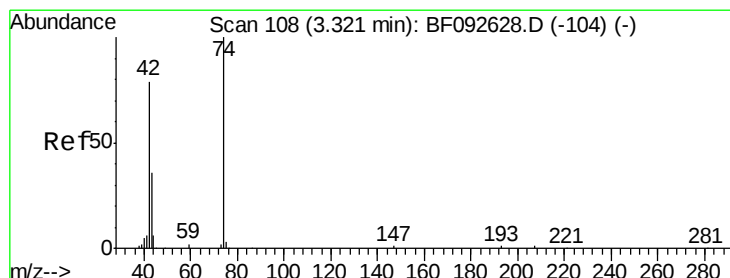
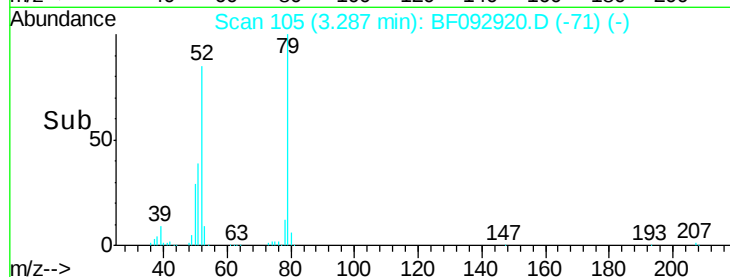
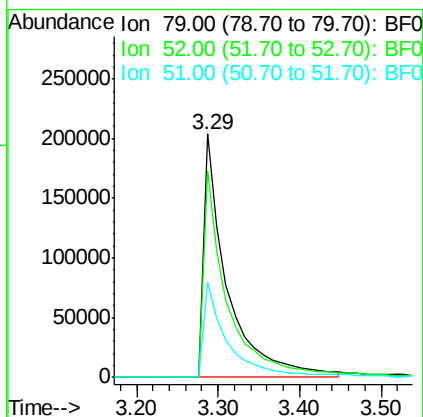
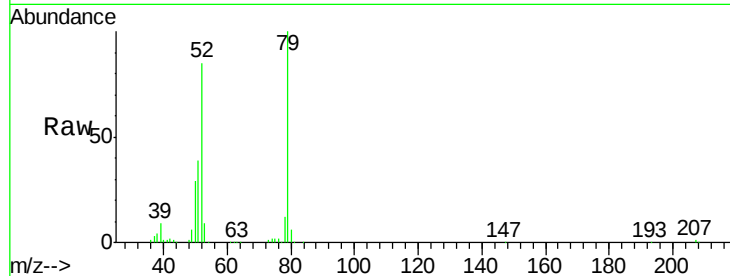
ClientSampleId :

PB96883BS

Tgt Ion:	79	Resp:	414189
Ion	Ratio	Lower	Upper
79	100		
52	84.9	57.1	85.7
51	39.3	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 39.11 ng

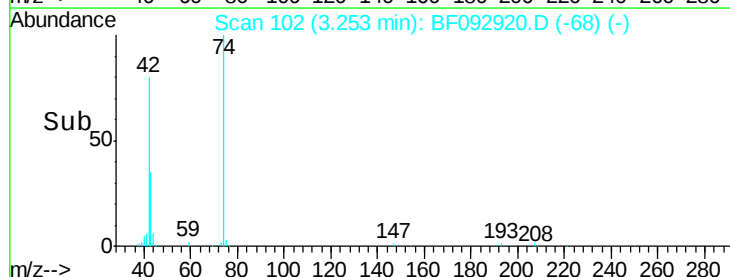
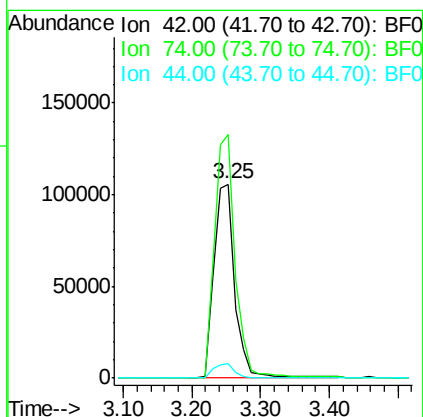
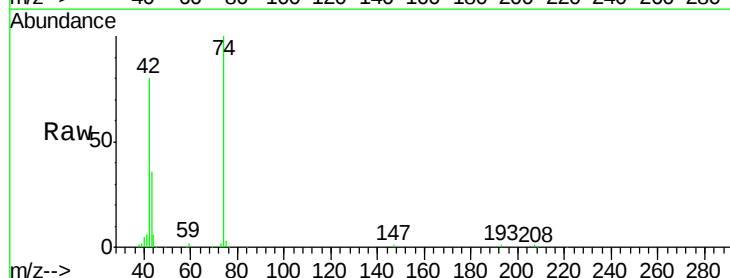
RT: 3.25 min Scan# 102

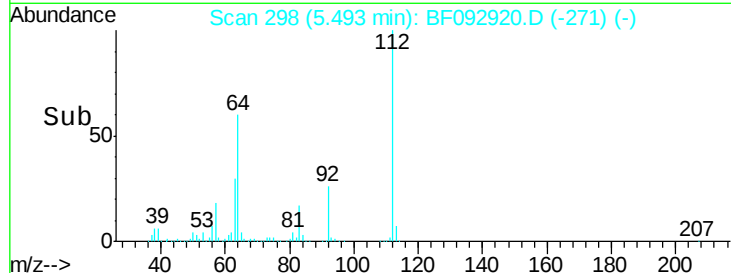
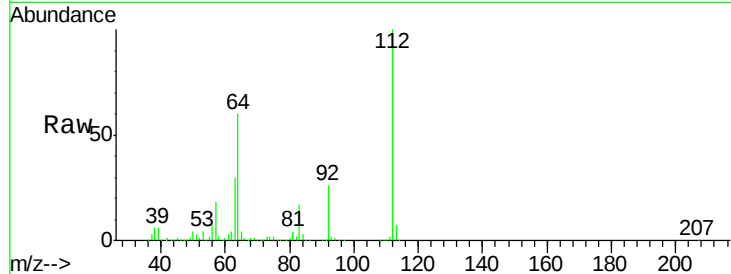
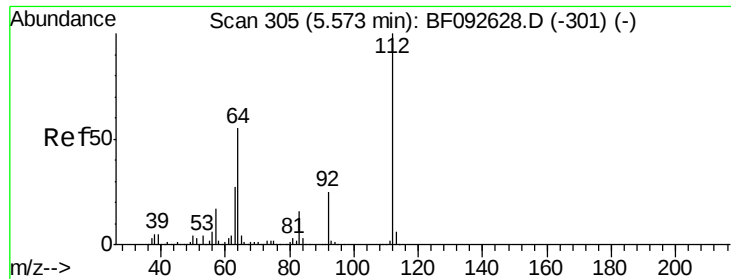
Delta R.T. 0.09 min

Lab File: BF092920.D

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Tgt Ion:	42	Resp:	227435
Ion	Ratio	Lower	Upper
42	100		
74	125.4	117.0	175.4
44	7.2	5.5	8.3





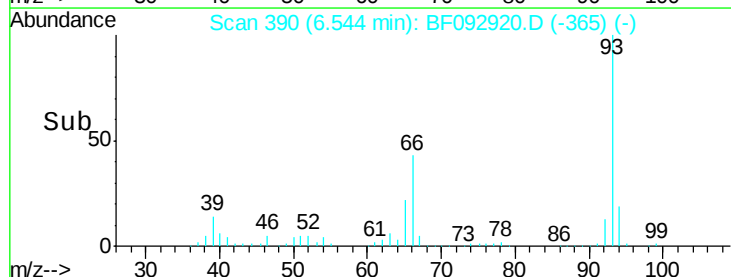
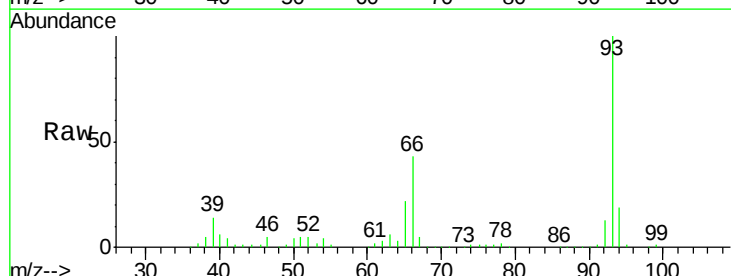
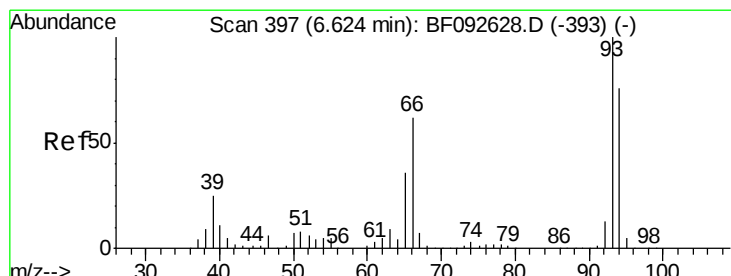
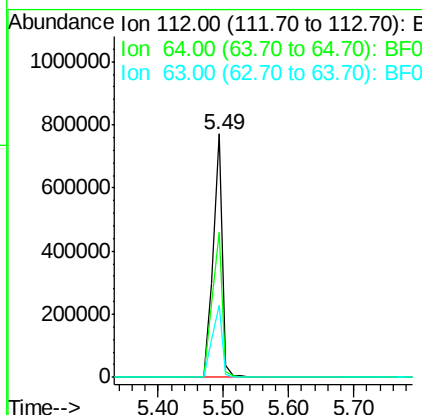
#5
2-Fluorophenol
Concen: 86.02 ng
RT: 5.49 min Scan# 298
Delta R.T. 0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	775242		
64	59.6	46.1	69.1	
63	29.6	23.8	35.6	

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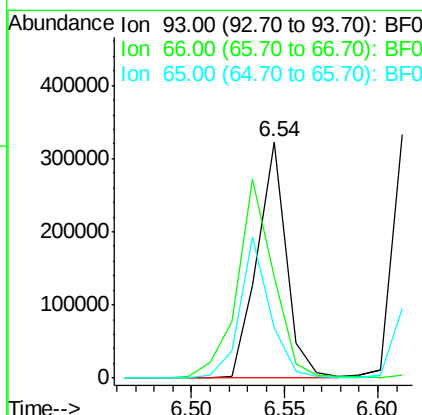
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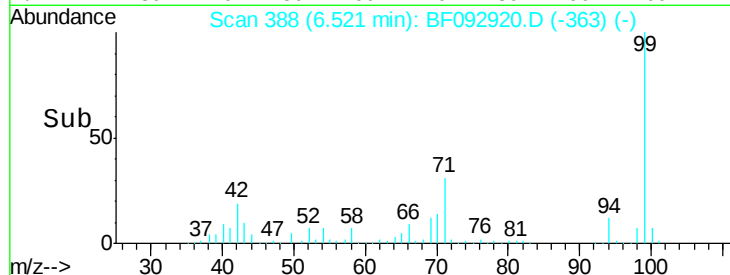
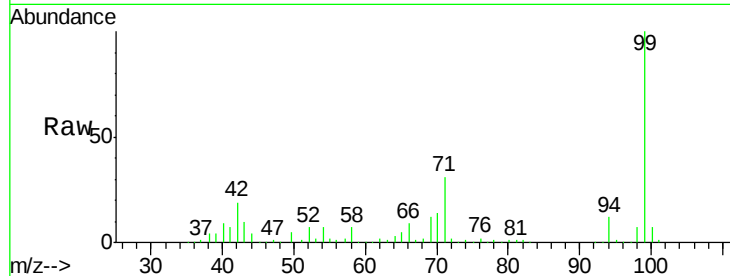
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#6
Aniline
Concen: 22.13 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	350088		
66	43.1	76.2	114.2#	
65	21.5	49.3	73.9#	





#7

Phenol-d6

Concen: 81.56 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092920.D

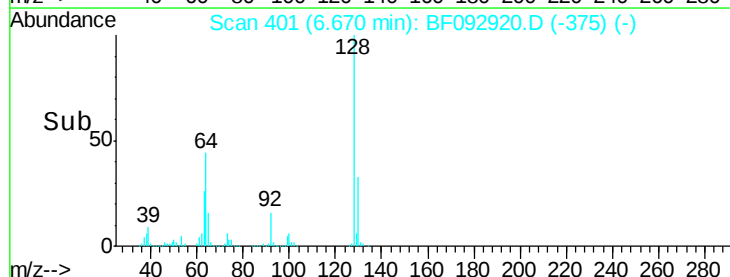
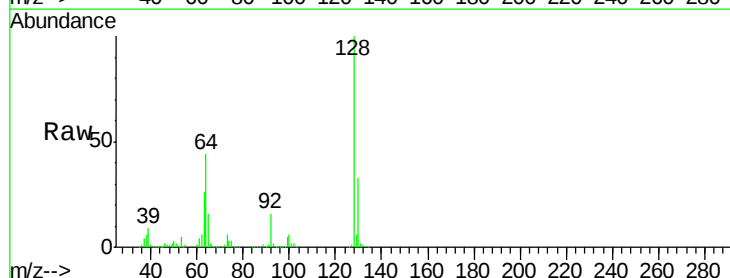
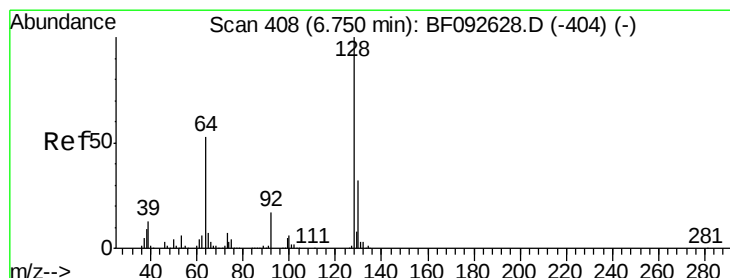
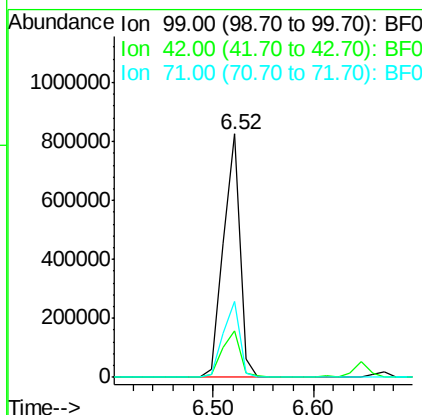
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	945794		
42	19.0	15.6	23.4	
71	31.4	27.5	41.3	

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#8

2-Chlorophenol

Concen: 40.74 ng

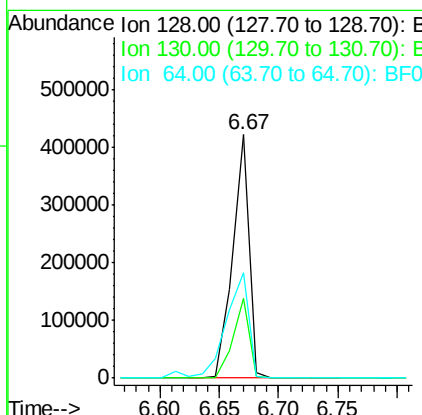
RT: 6.67 min Scan# 401

Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	405099		
130	32.8	12.3	52.3	
64	43.5	32.2	72.2	





#9

Benzaldehyde

Concen: 12.27 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

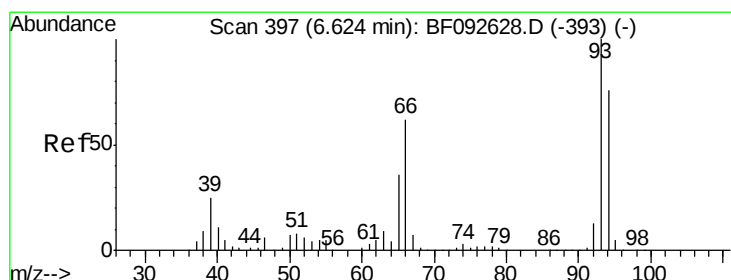
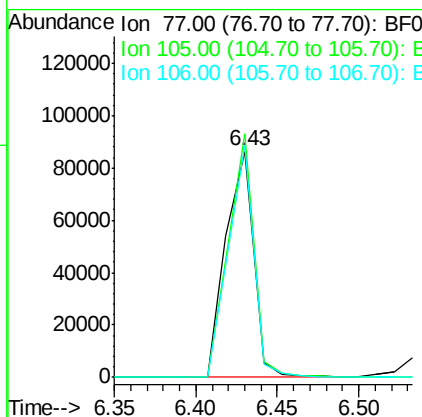
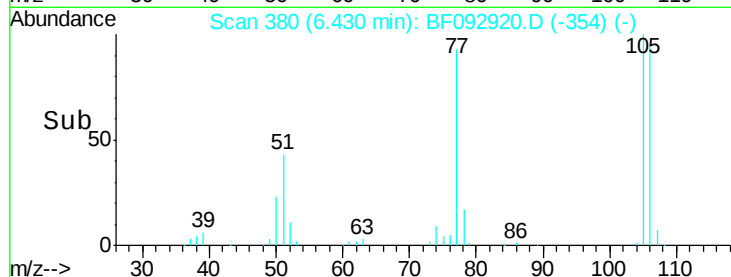
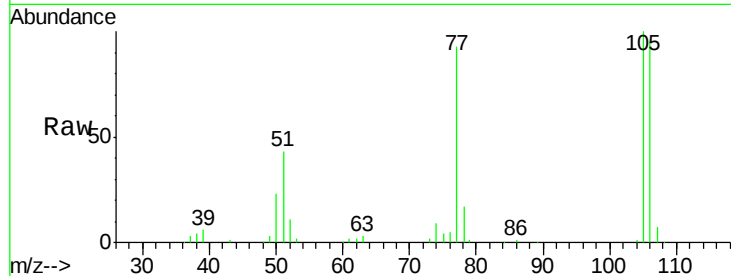
ClientSampleId :

PB96883BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	107.7	83.9	123.9
106	102.6	77.6	117.6

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#10

Phenol

Concen: 39.26 ng

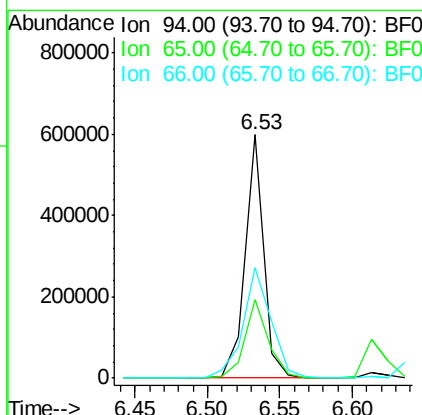
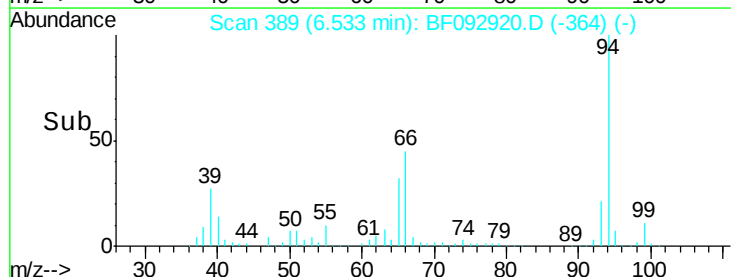
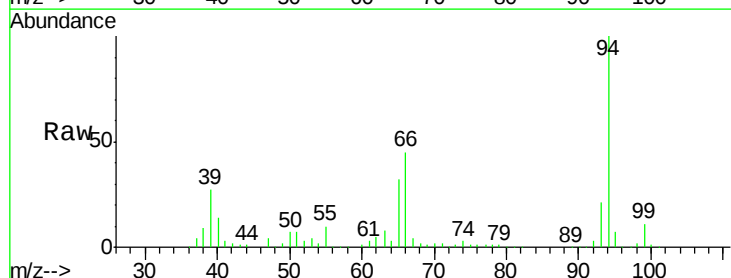
RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.2	21.4	61.4
66	45.3	44.0	84.0





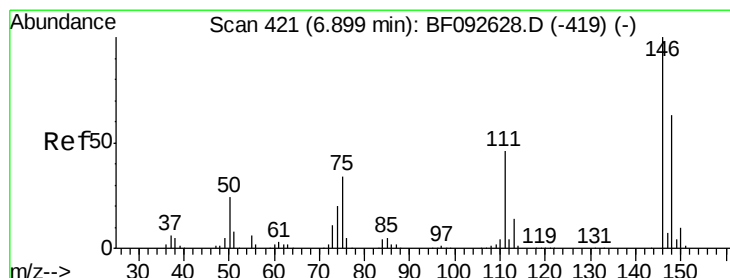
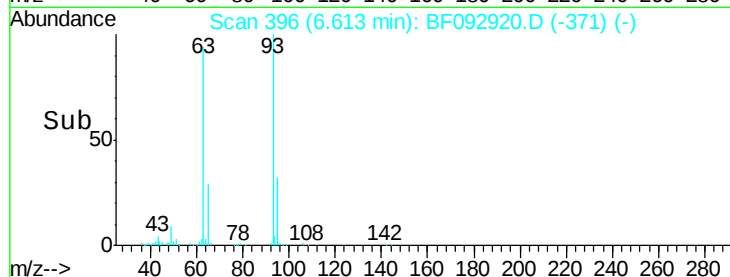
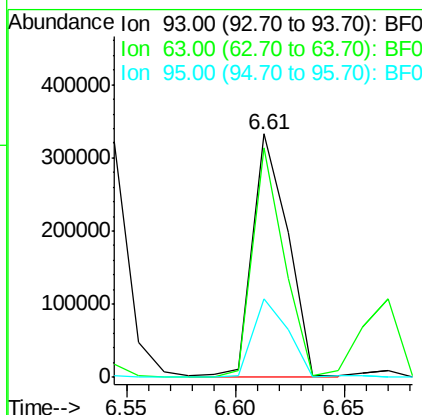
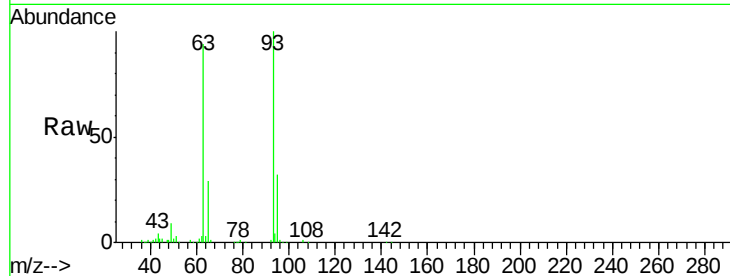
#11
bis(2-Chloroethyl)ether
Concen: 34.90 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	377903		
63	94.1	60.4	100.4	
95	32.2	12.8	52.8	

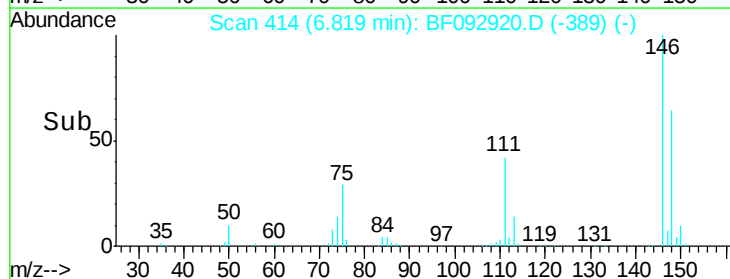
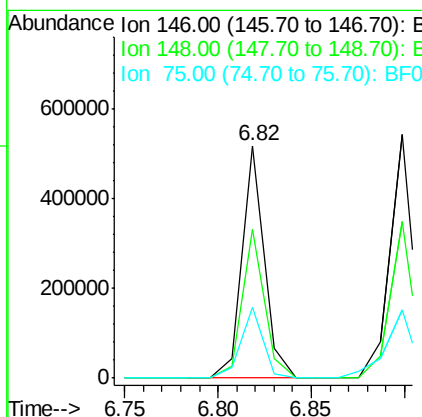
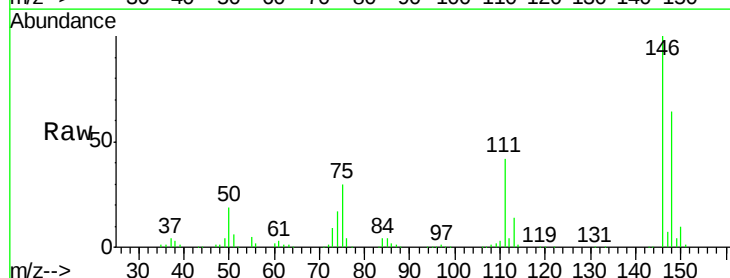
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 37.11 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	432182		
148	64.2	53.4	80.0	
75	30.3	18.5	27.7#	





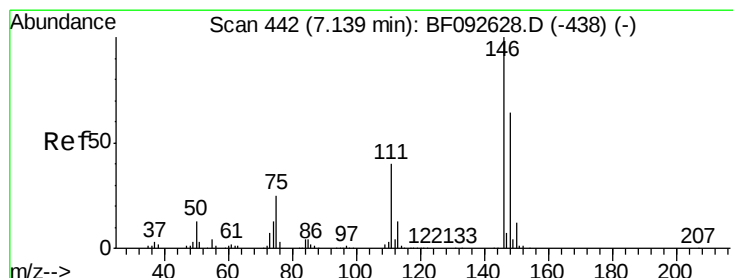
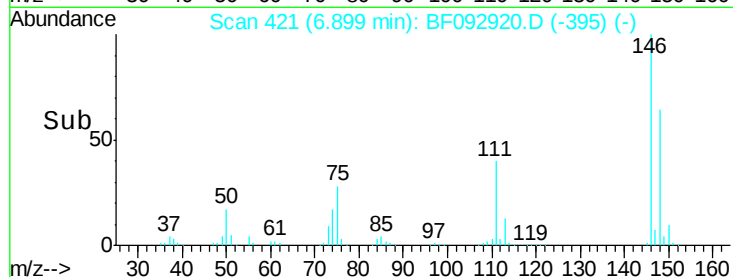
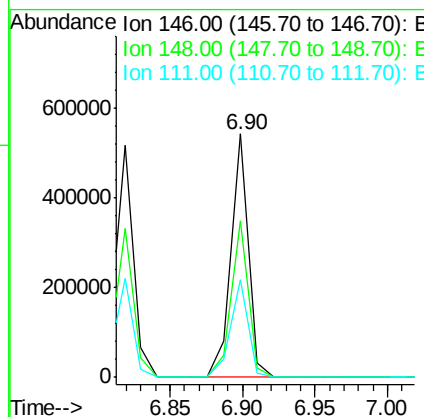
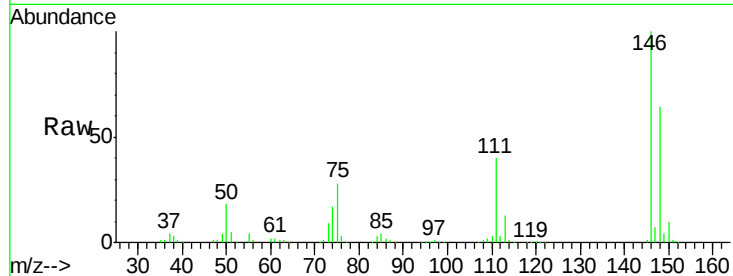
#13
1,4-Dichlorobenzene
Concen: 38.43 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	453012		
148	64.1	50.6	76.0	
111	40.3	36.2	54.4	

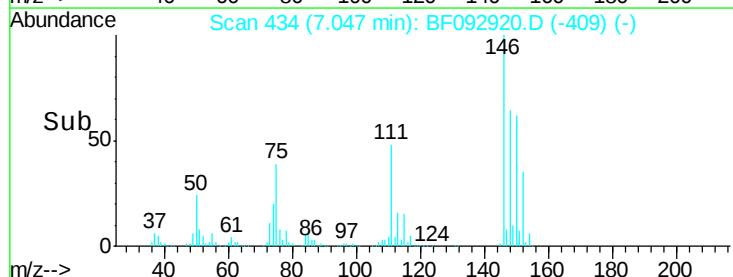
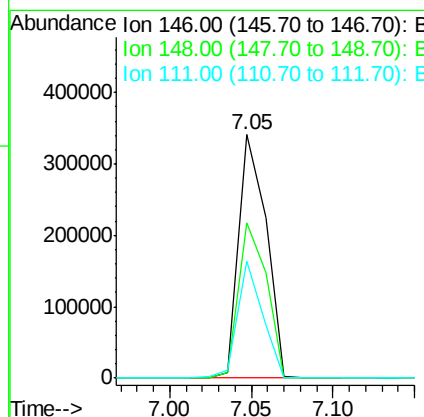
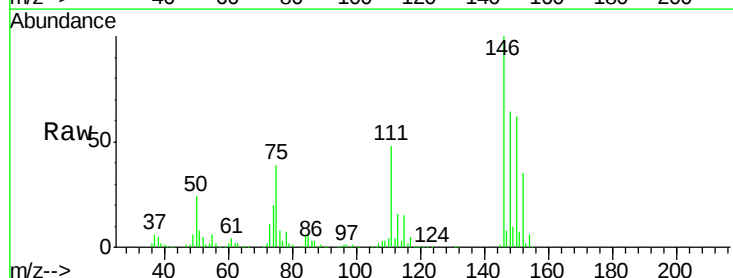
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#14
1,2-Dichlorobenzene
Concen: 35.11 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	395773		
148	63.9	52.2	78.2	
111	48.1	36.2	54.2	





#15

Benzyl Alcohol

Concen: 37.41 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

PB96883BS

Tgt Ion: 79 Resp: 321159
Ion Ratio Lower Upper

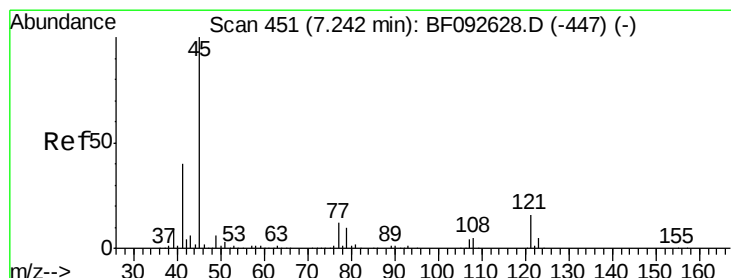
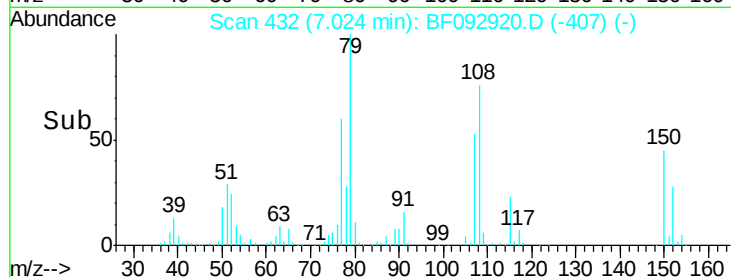
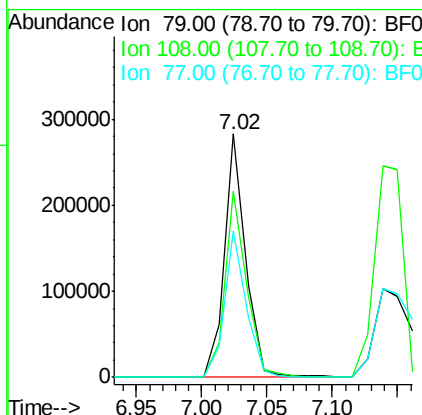
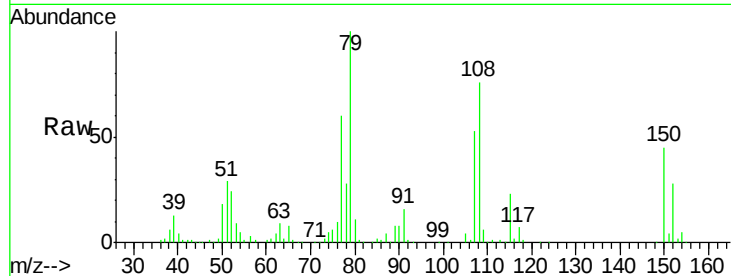
79 100

108 76.2 61.4 92.0

77 60.2 50.9 76.3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.91 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF092920.D

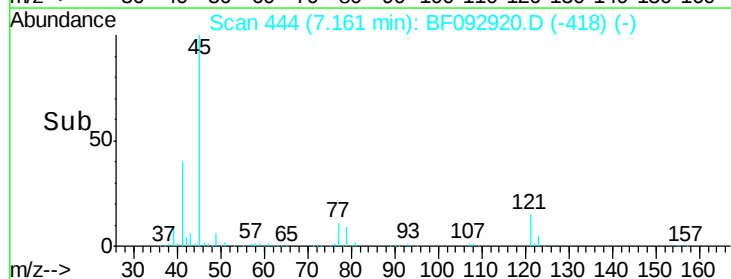
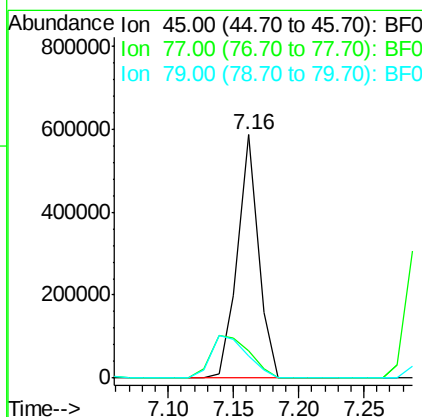
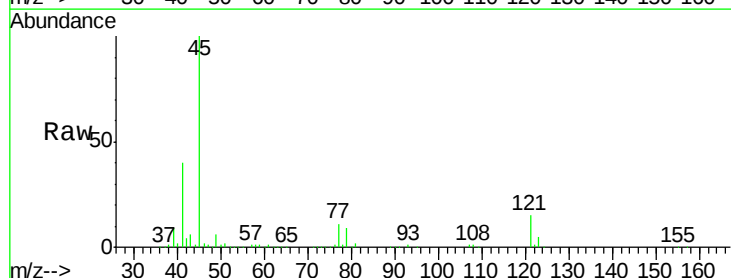
Acq: 13 Feb 2017 16:10

Tgt Ion: 45 Resp: 656758
Ion Ratio Lower Upper

45 100

77 11.4 0.0 34.6

79 9.2 0.0 31.2





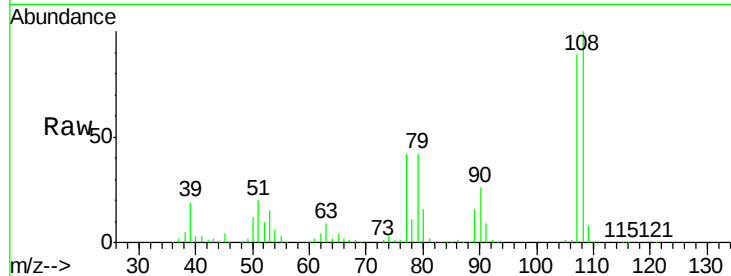
#17
2-Methylphenol
Concen: 38.81 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Tgt Ion:	107	Resp:	331027
Ion Ratio	Lower	Upper	
107	100		
108	112.8	93.0	139.6
77	47.2	39.8	59.8
79	47.1	38.0	57.0

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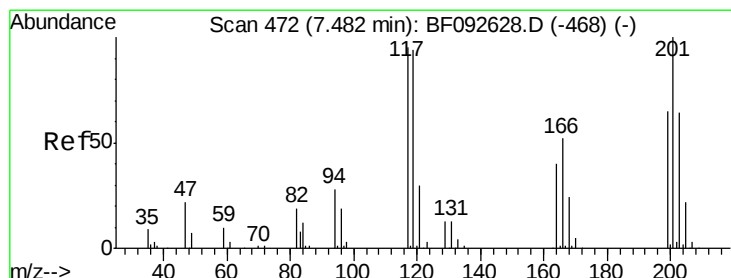
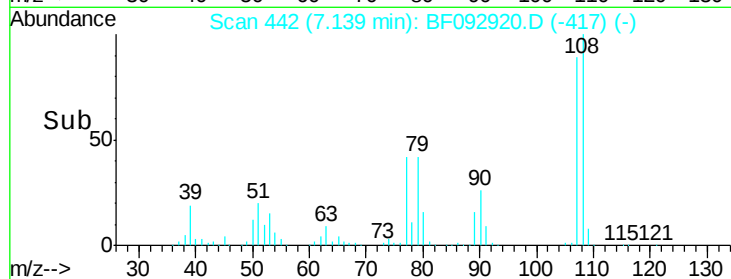
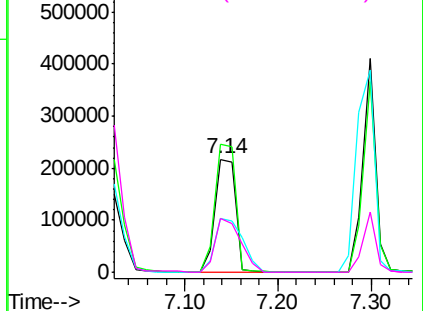
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 35.70 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

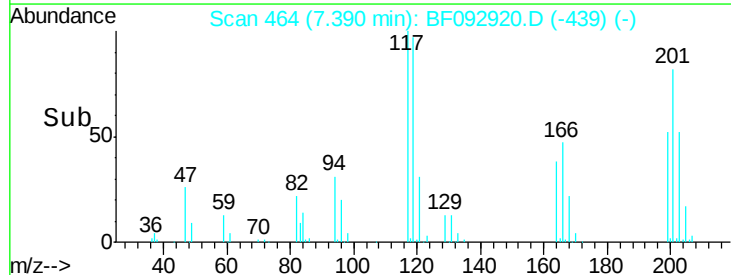
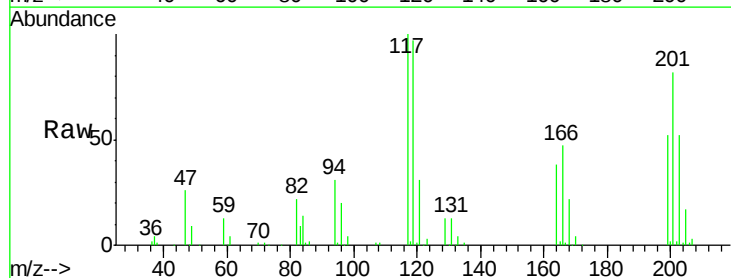
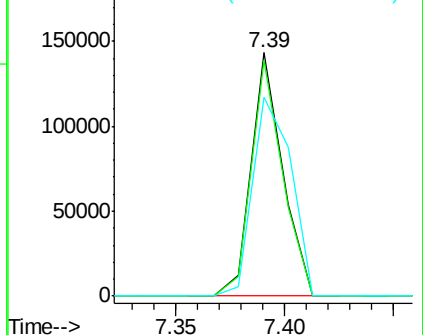
Tgt Ion:	117	Resp:	143642
Ion Ratio	Lower	Upper	
117	100		
119	96.9	78.1	117.1
201	81.8	78.6	117.8

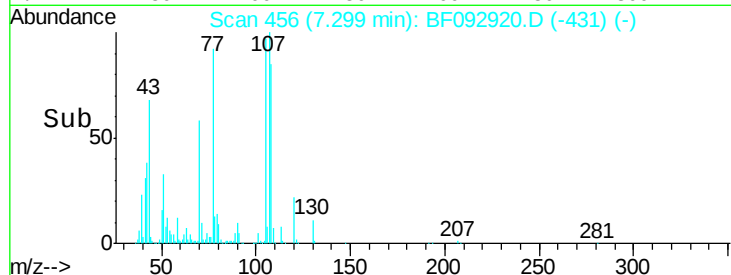
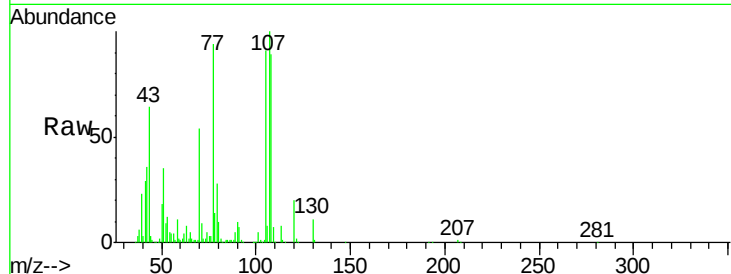
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





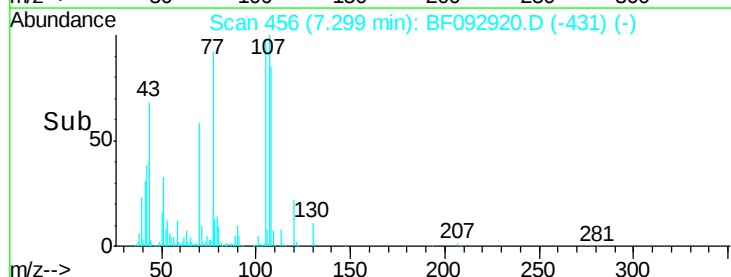
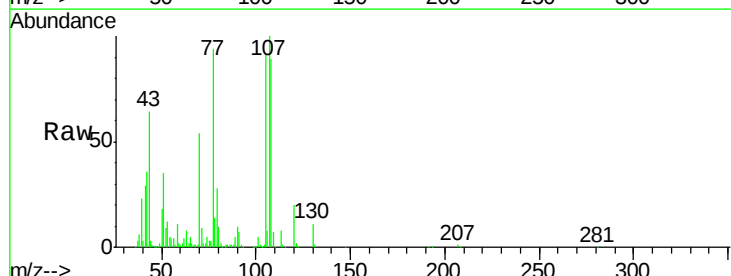
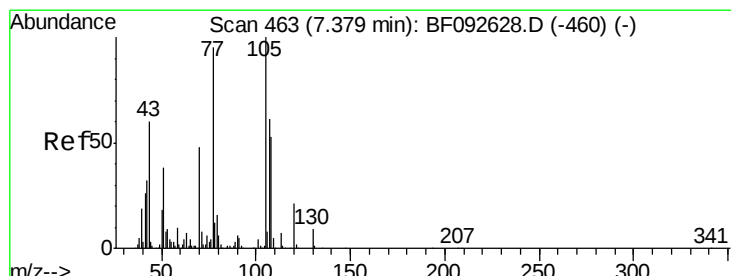
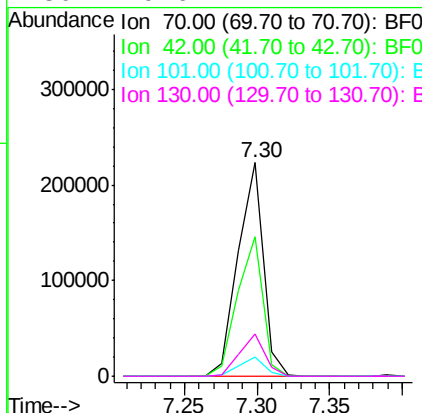
#19
n-Nitroso-di-n-propylamine
Concen: 36.52 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

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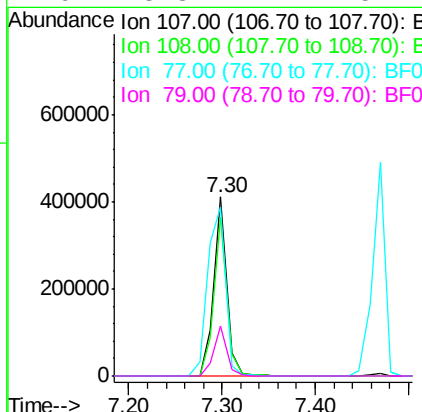
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Tgt Ion	Ratio	Lower	Upper
70	100		
42	65.3	49.4	74.0
101	9.1	7.4	11.2
130	19.6	14.2	21.4



#20
3+4-Methylphenols
Concen: 39.40 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	73.0	113.0
77	94.4	71.3	111.3
79	28.3	11.1	51.1





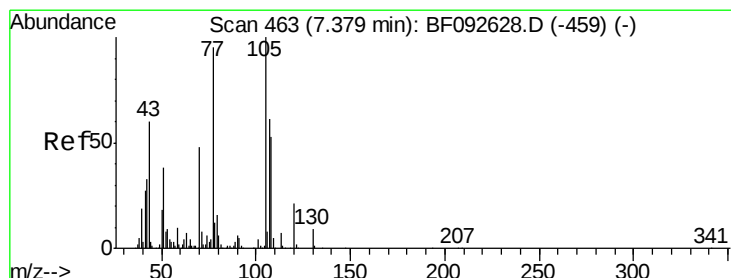
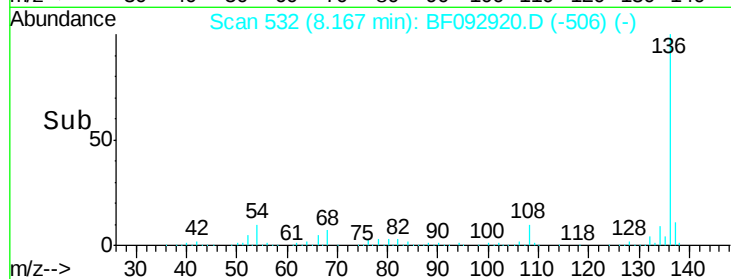
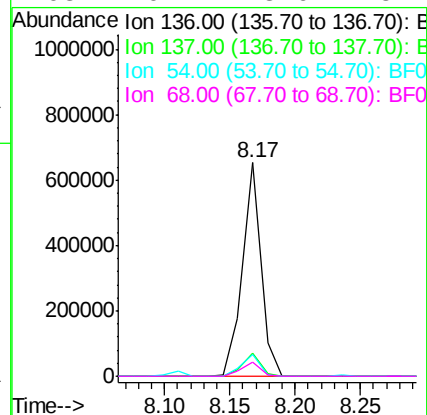
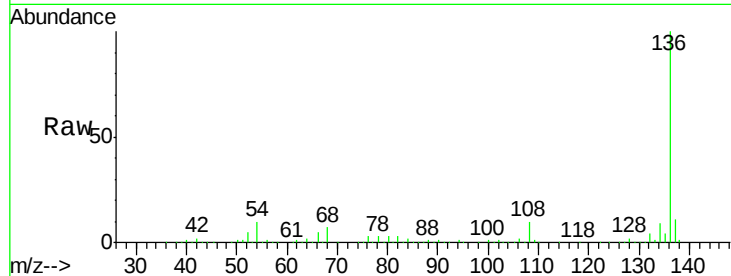
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	642257		
137	11.0	8.4	12.6	
54	10.1	4.5	6.7#	
68	6.7	3.6	5.4#	

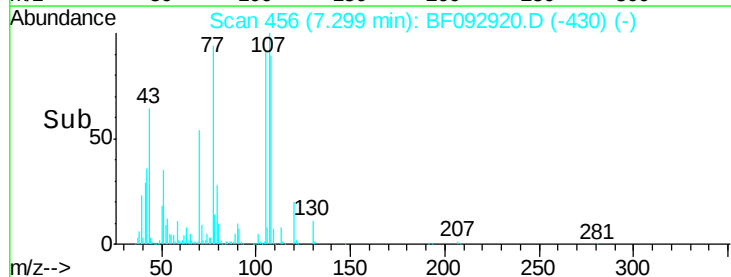
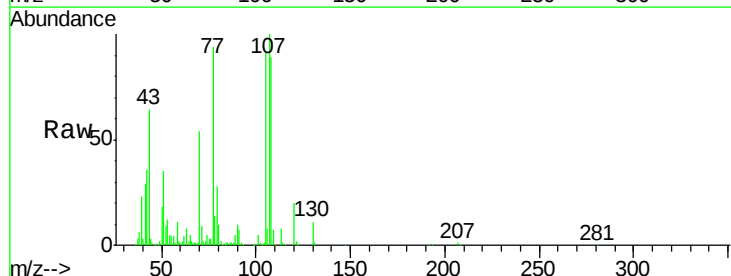
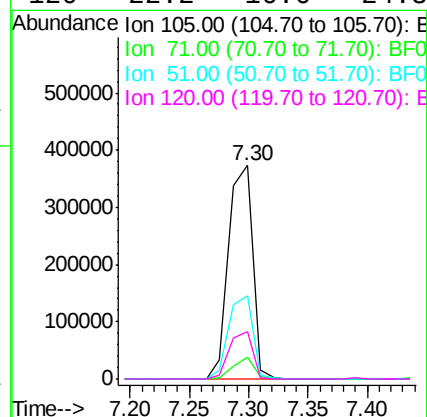
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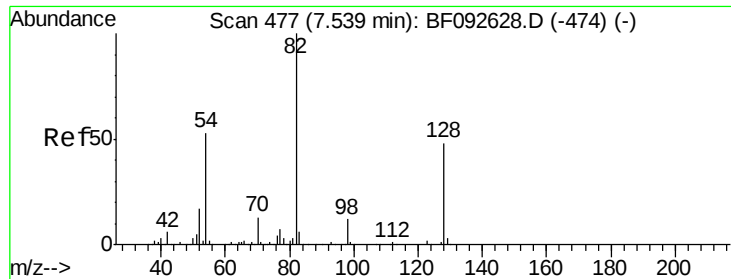
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#22
Acetophenone
Concen: 35.64 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	522661		
71	10.0	3.2	4.8#	
51	38.9	26.2	39.4	
120	22.2	16.6	24.8	





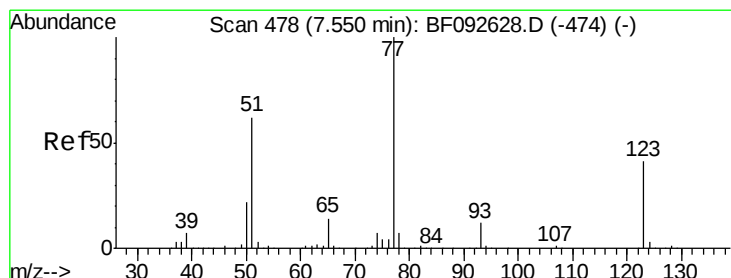
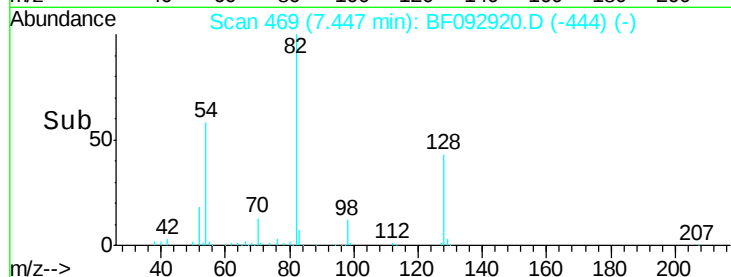
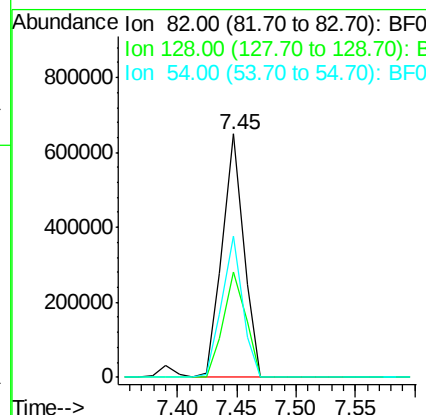
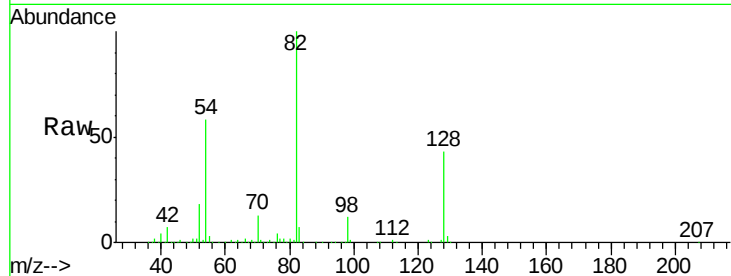
#23
 Nitrobenzene-d5
 Concen: 70.76 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.6	52.0
54	57.8	39.5	59.3

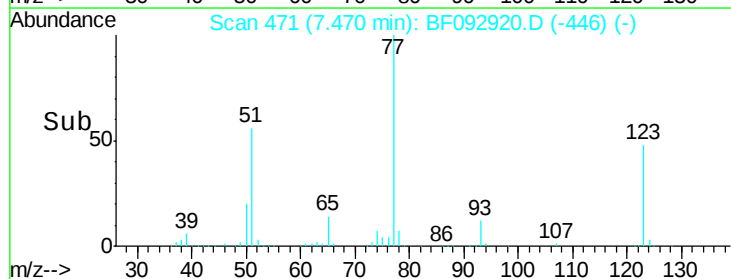
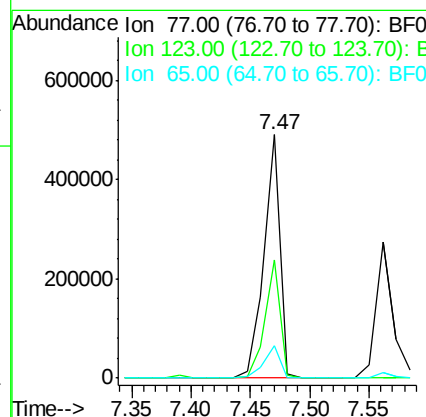
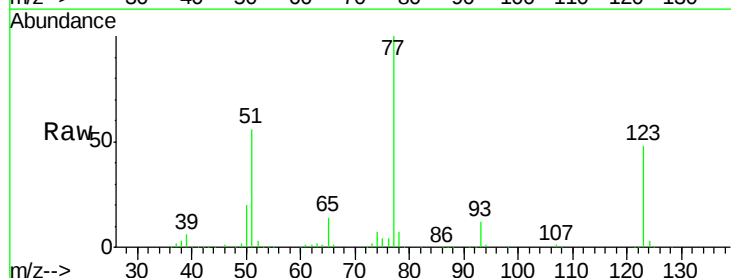
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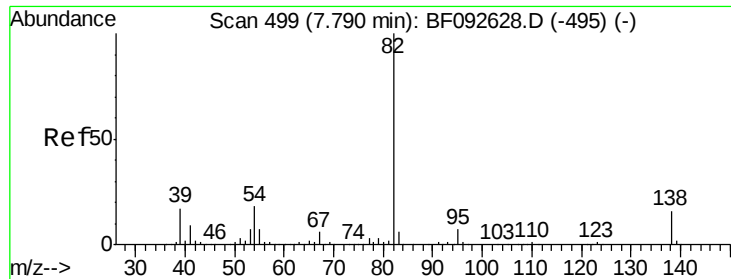
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#24
 Nitrobenzene
 Concen: 39.34 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.01 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	33.0	49.4
65	13.5	11.2	16.8





#25

Isophorone

Concen: 37.68 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

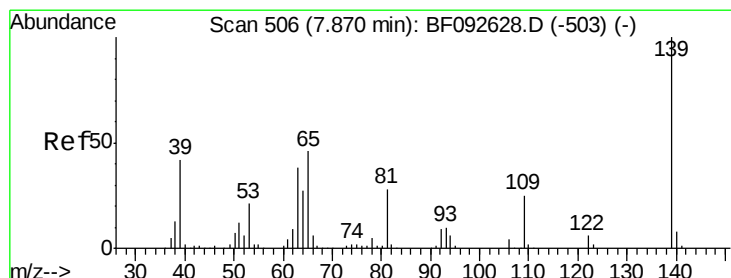
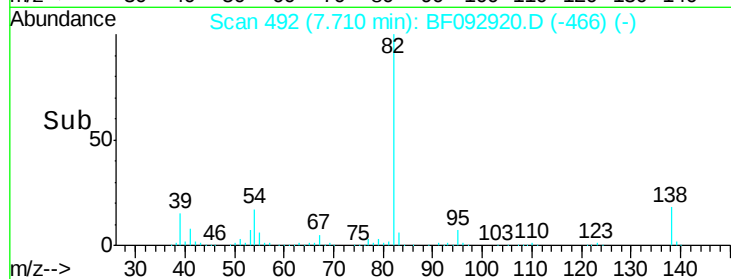
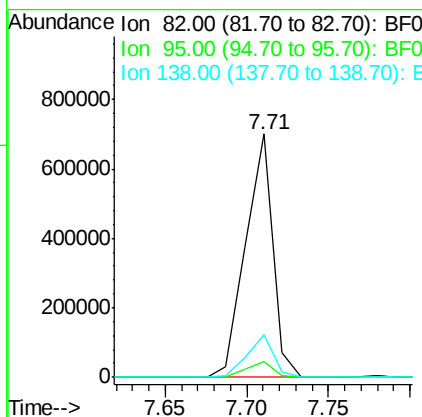
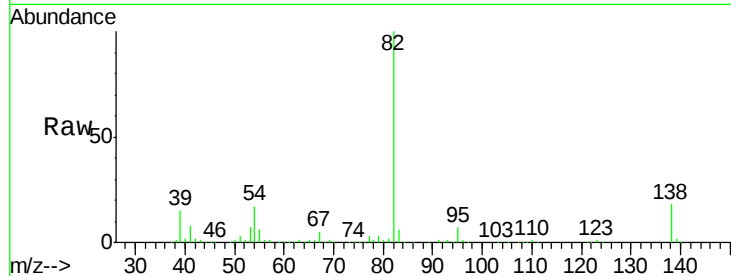
ClientSampleId :

PB96883BS

Tgt Ion:	82	Resp:	809714
Ion Ratio		Lower	Upper
82	100		
95	6.5	5.6	8.4
138	17.5	14.6	22.0

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#26

2-Nitrophenol

Concen: 39.04 ng

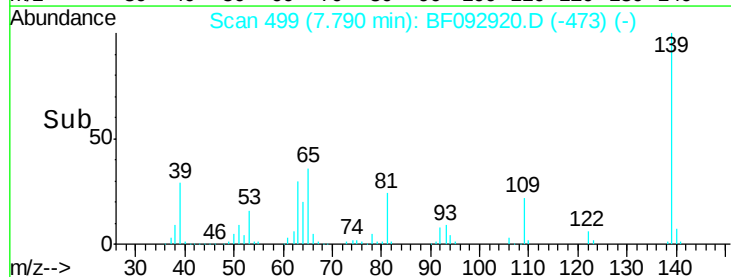
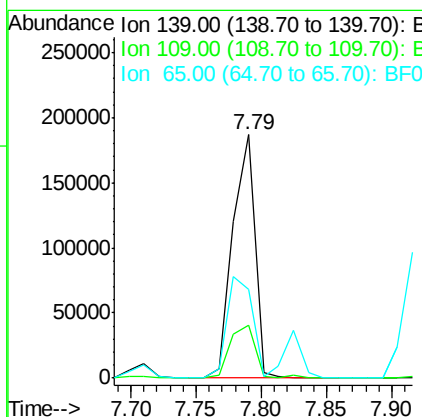
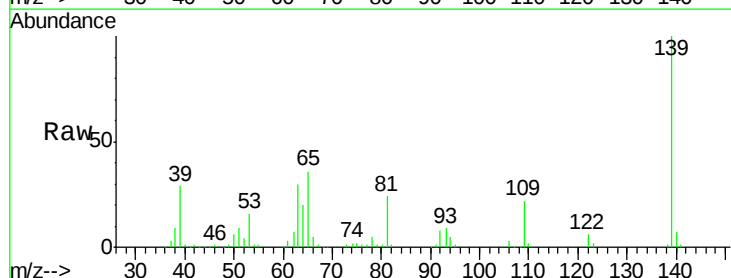
RT: 7.79 min Scan# 499

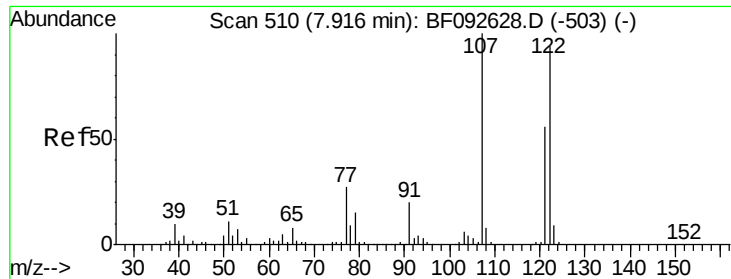
Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Tgt Ion:	139	Resp:	219775
Ion Ratio		Lower	Upper
139	100		
109	21.8	23.3	34.9#
65	36.3	42.7	64.1#





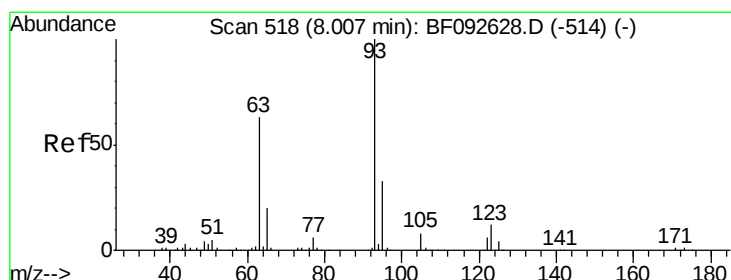
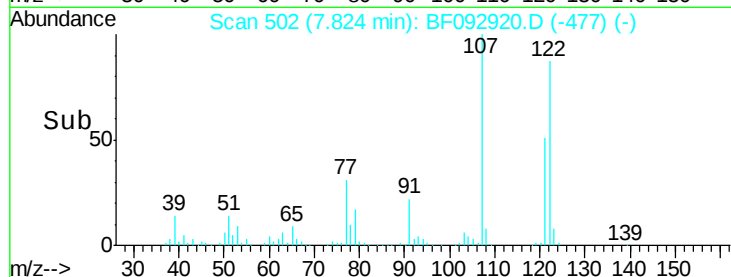
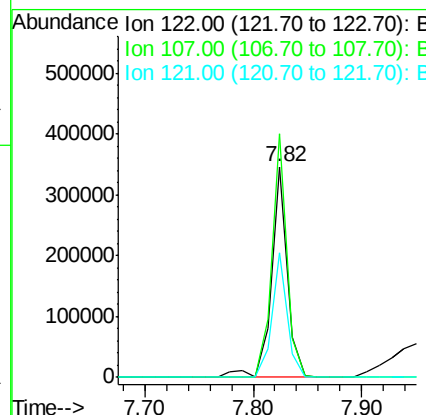
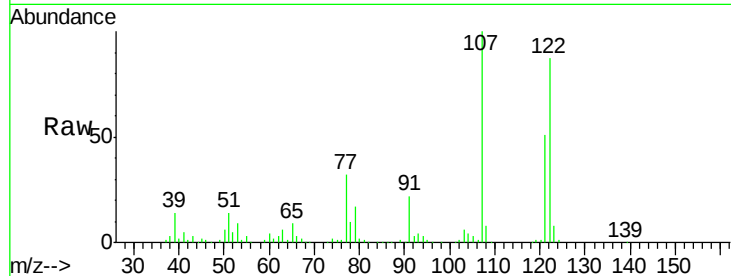
#27
2,4-Dimethylphenol
Concen: 36.18 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	357694		
107	115.4	94.1	141.1	
121	59.3	46.0	69.0	

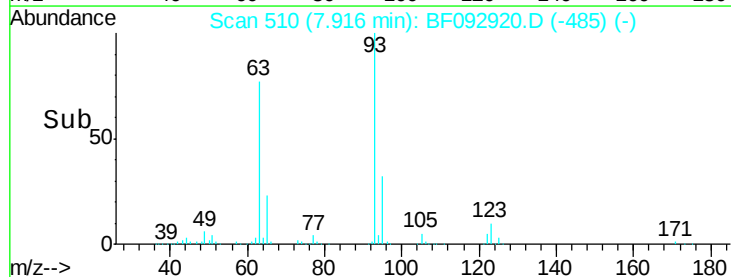
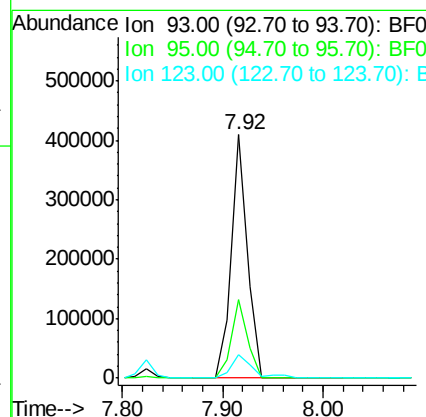
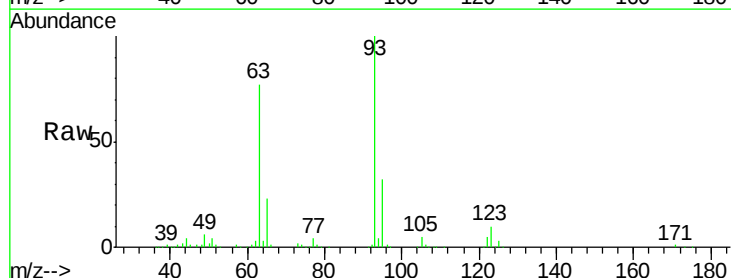
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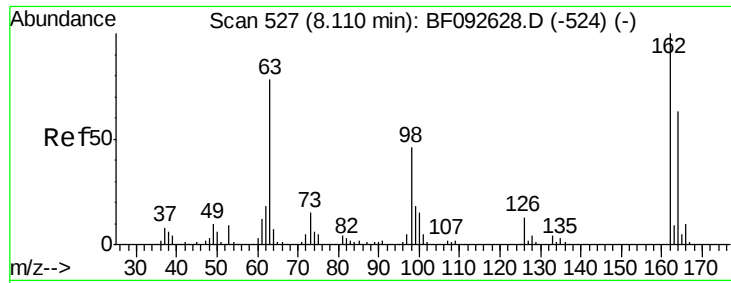
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#28
bis(2-Chloroethoxy)methane
Concen: 32.19 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	458145		
95	32.3	26.5	39.7	
123	9.8	8.6	13.0	





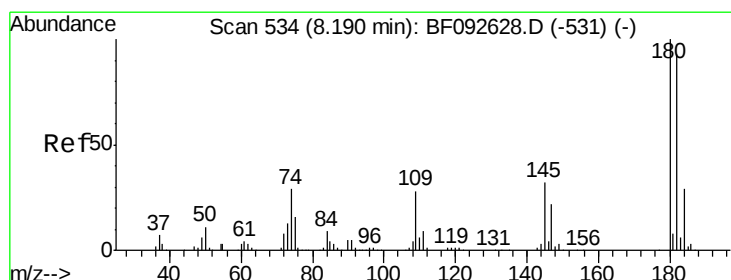
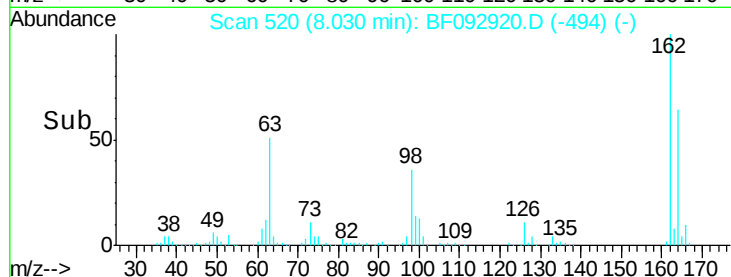
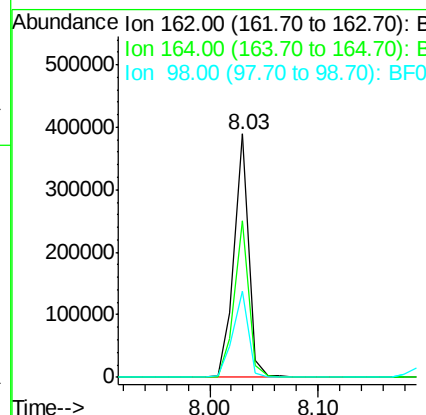
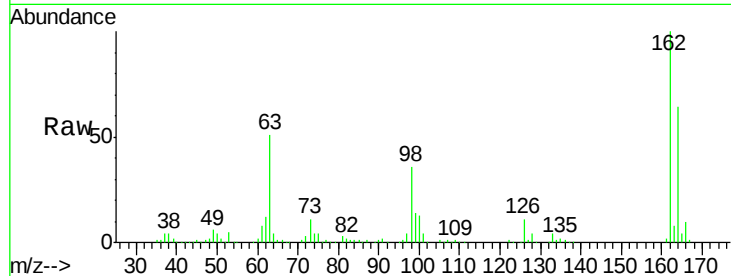
#29
 2,4-Dichlorophenol
 Concen: 39.45 ng
 RT: 8.03 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampled :
 PB96883BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	363754		
164	64.2	46.8	86.8	
98	35.6	9.1	49.1	

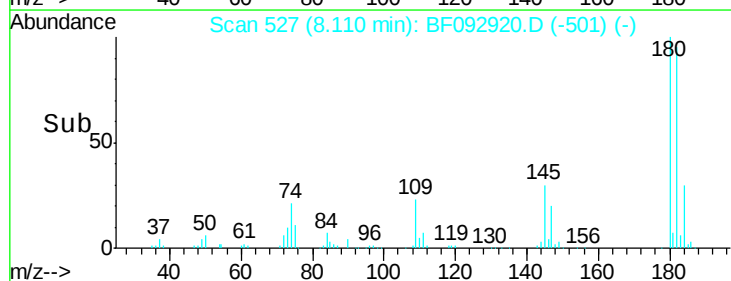
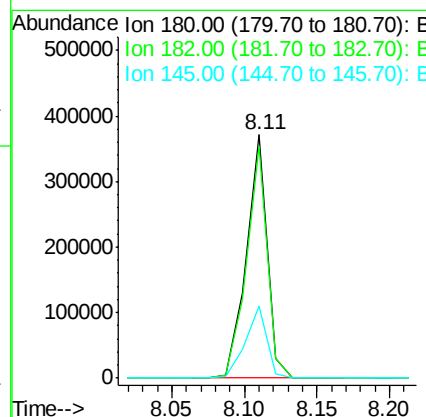
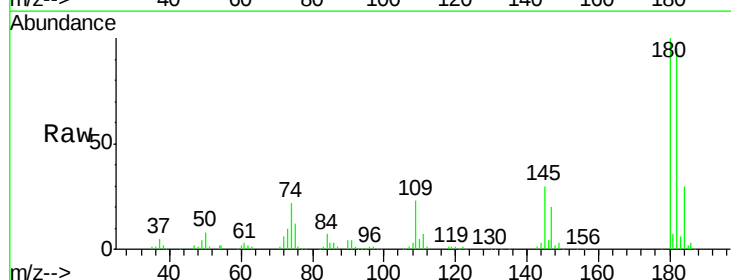
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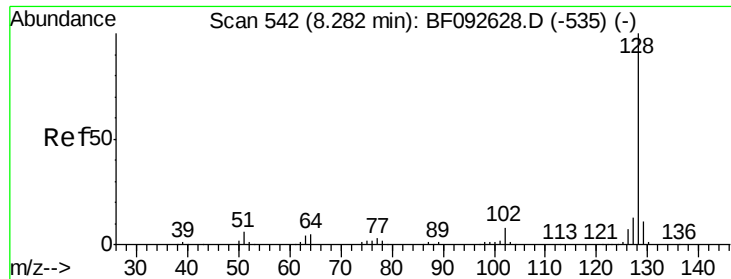
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#30
 1,2,4-Trichlorobenzene
 Concen: 36.97 ng
 RT: 8.11 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	367375		
182	95.2	78.2	117.4	
145	29.6	21.6	32.4	





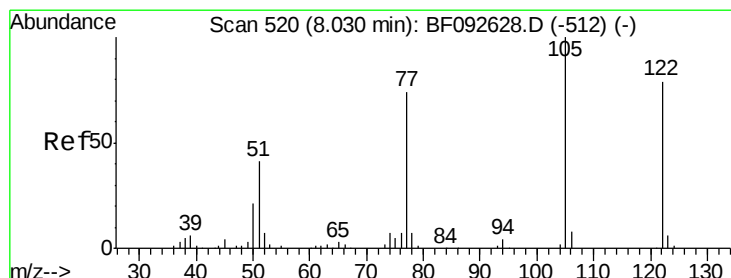
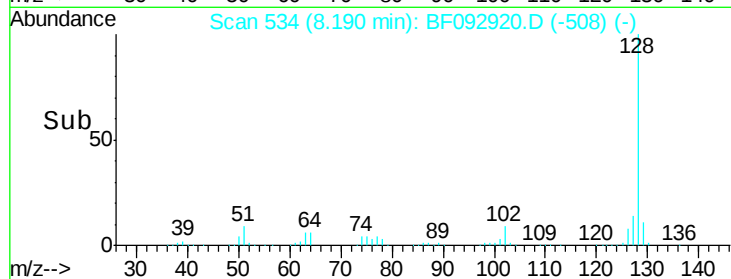
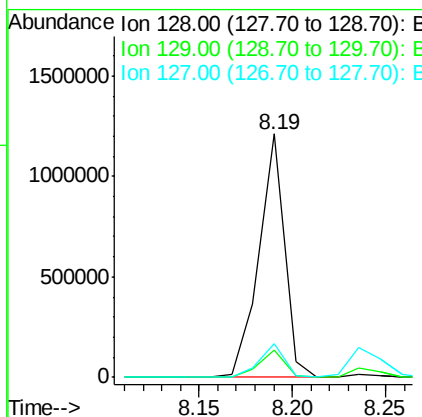
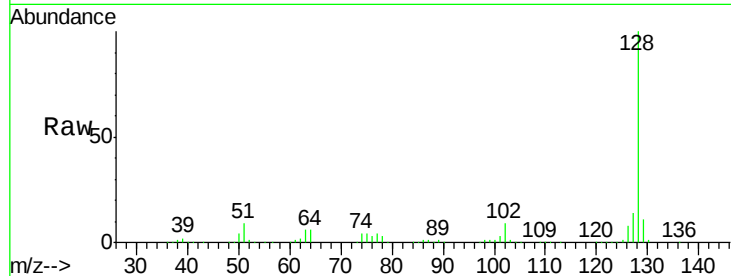
#31
Naphthalene
Concen: 35.22 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Tgt Ion:128 Resp: 1146773
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.7 10.8 16.2

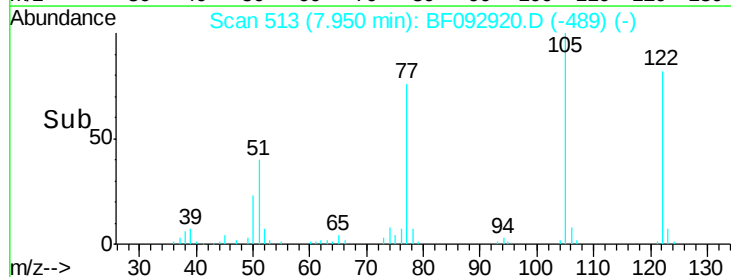
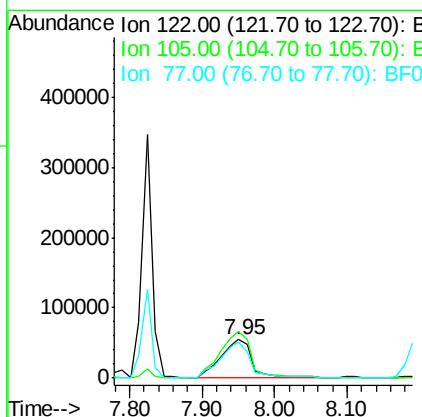
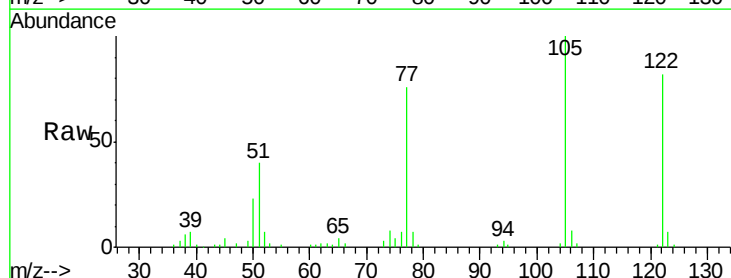
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#32
Benzoic acid
Concen: 31.31 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion:122 Resp: 158987
Ion Ratio Lower Upper
122 100
105 122.4 107.2 147.2
77 93.6 74.5 114.5





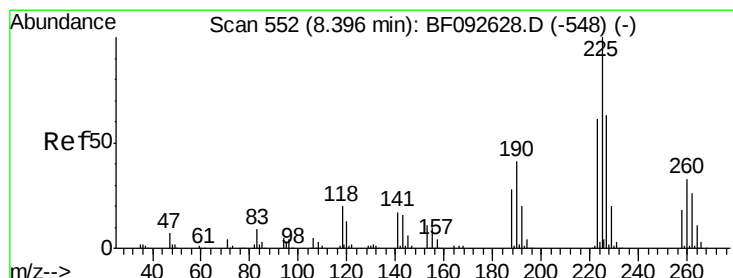
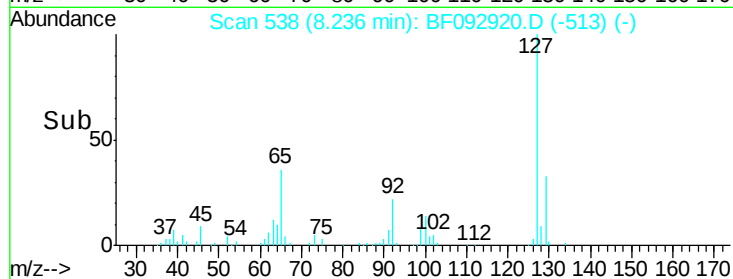
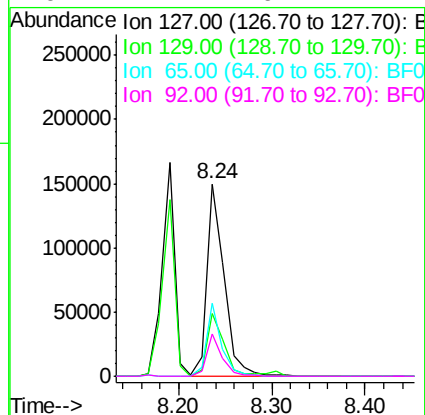
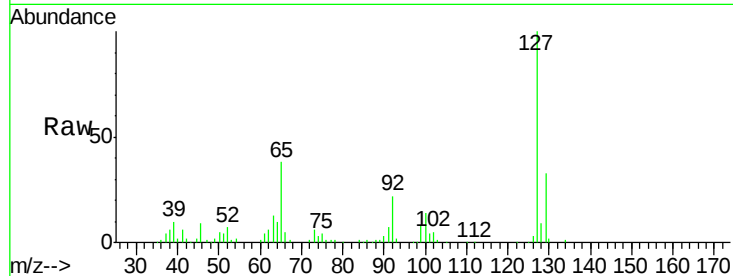
#33
4-Chloroaniline
Concen: 15.17 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	193740		
129	32.5	26.3	39.5	
65	37.9	25.8	38.8	
92	22.2	16.1	24.1	

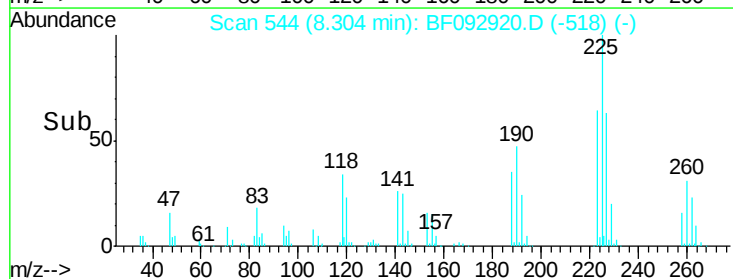
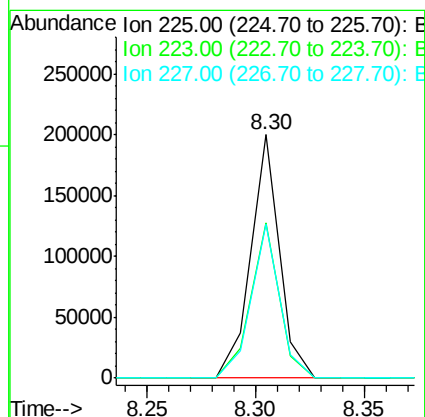
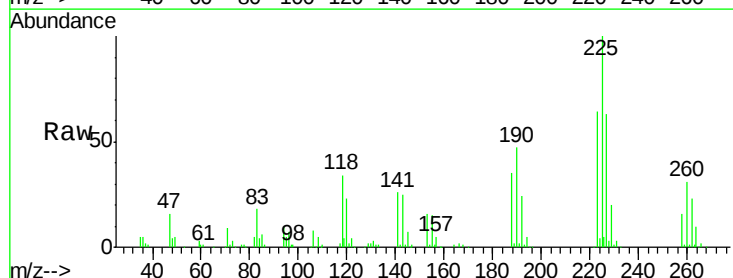
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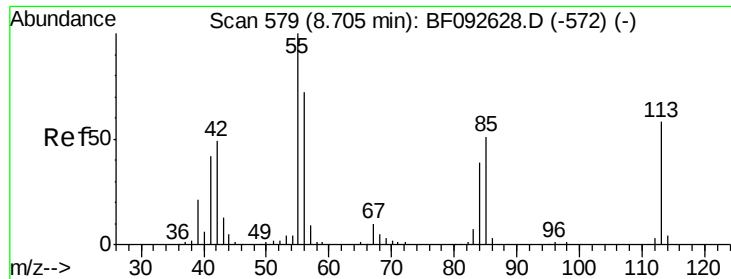
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#34
Hexachlorobutadiene
Concen: 33.48 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	183046		
223	63.5	51.0	76.6	
227	63.1	50.6	76.0	





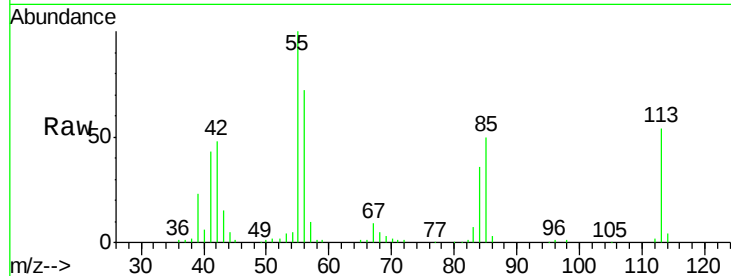
#35
Caprolactam
Concen: 40.46 ng m
RT: 8.61 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

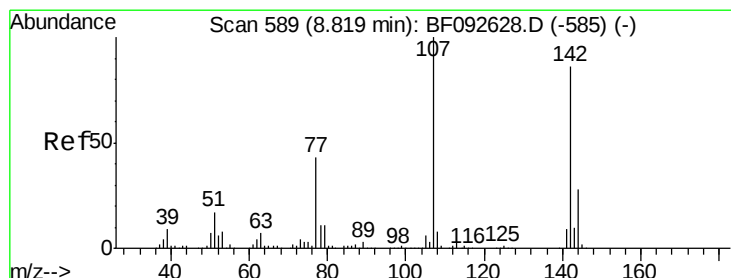
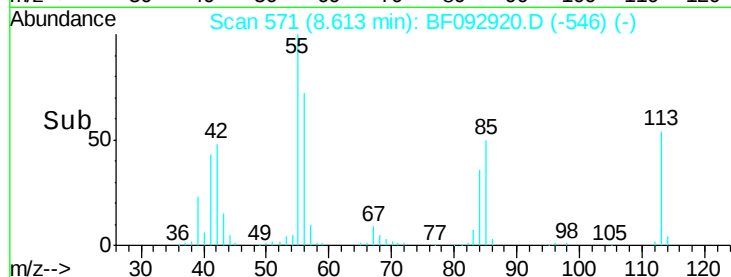
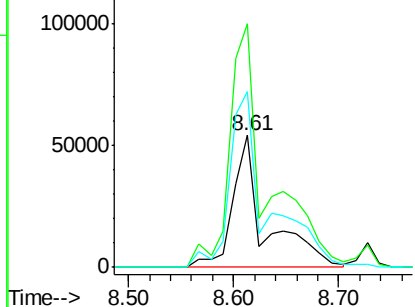
Tgt Ion:113 Resp: 117343
Ion Ratio Lower Upper
113 100
55 184.6 119.2 159.2#
56 133.6 83.8 123.8#

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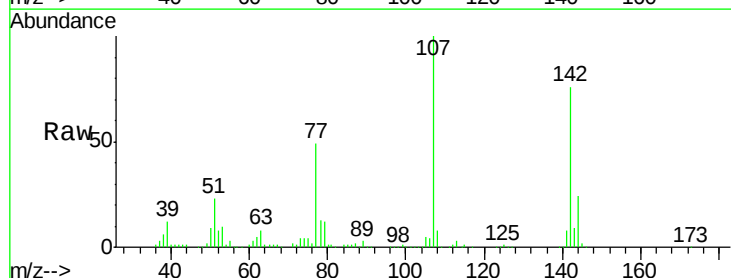


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

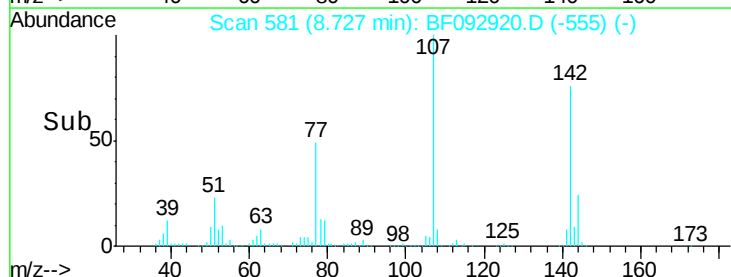
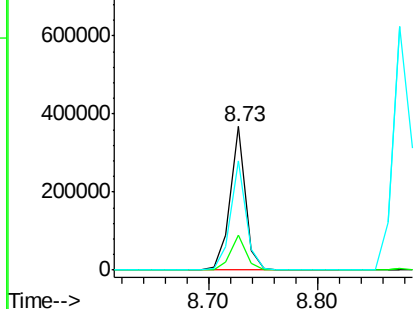


#36
4-Chloro-3-methylphenol
Concen: 37.48 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion:107 Resp: 360298
Ion Ratio Lower Upper
107 100
144 24.1 19.3 28.9
142 76.1 59.0 88.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





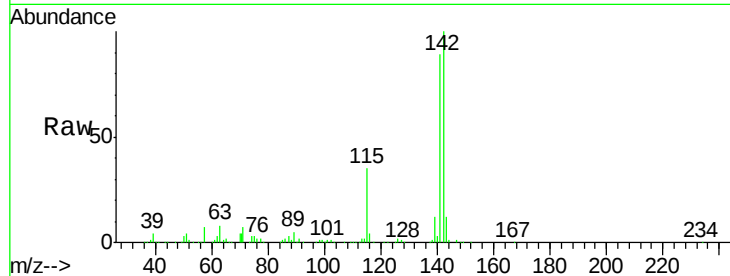
#37
 2-Methylnaphthalene
 Concen: 34.92 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.0	106.6
115	34.7	28.3	42.5

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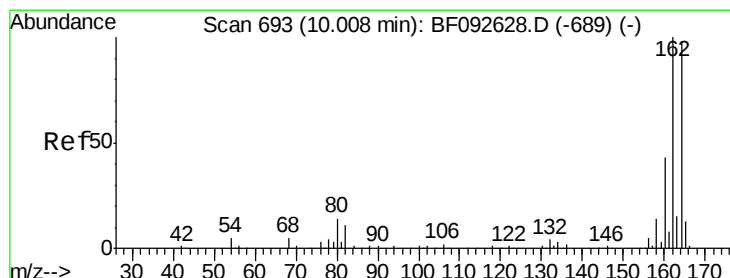
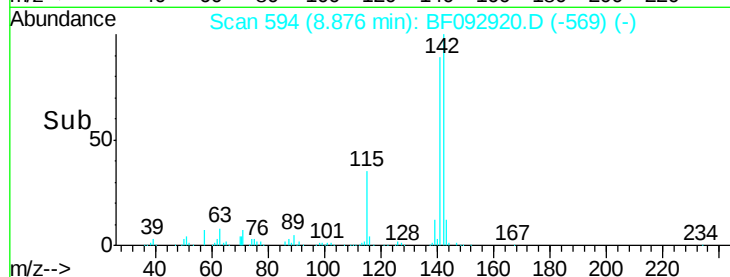
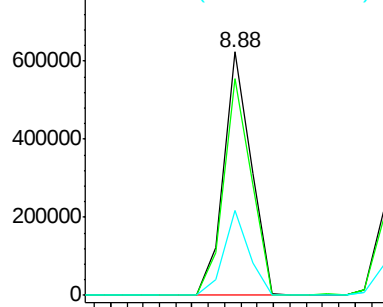


Abundance

Ion 142.00 (141.70 to 142.70): E

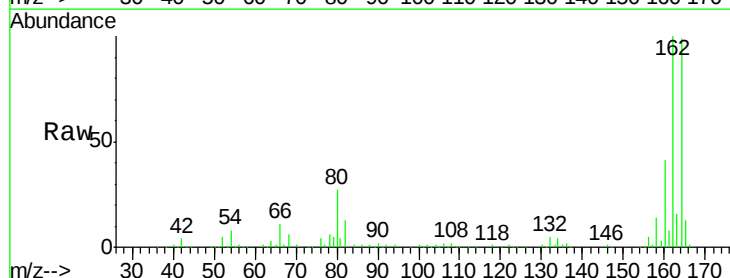
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	41.8	36.9	55.3

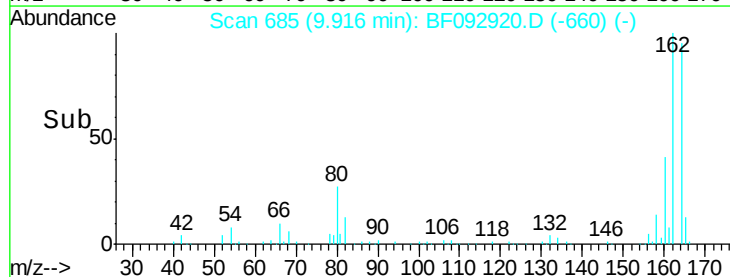
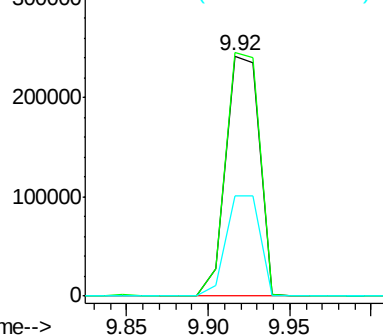


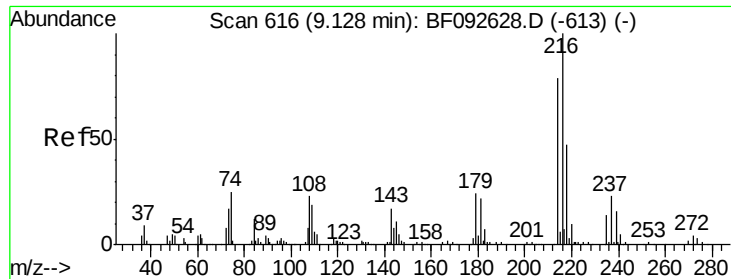
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.13 ng

RT: 9.05 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

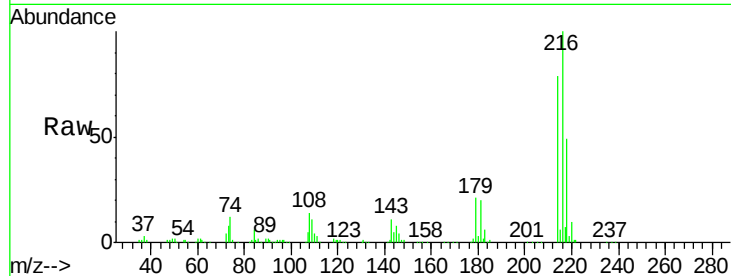
ClientSampleId :

PB96883BS

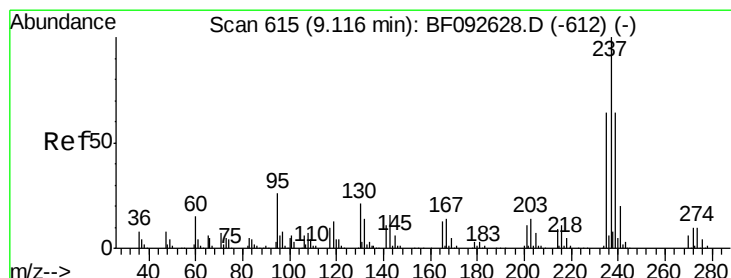
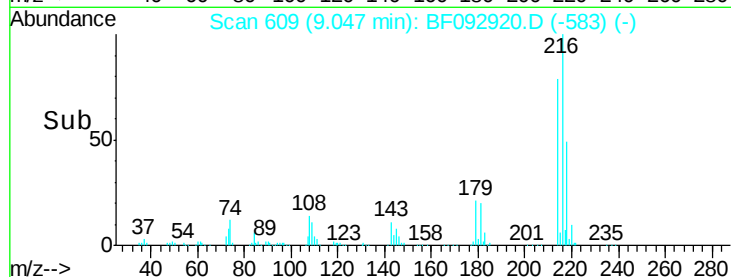
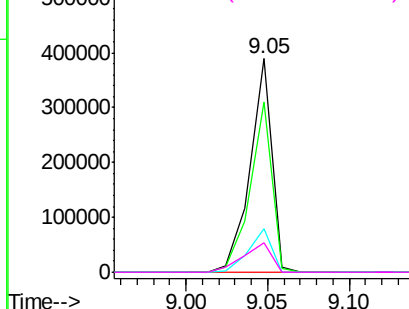
Tgt Ion:	216	Resp:	362229
Ion Ratio		Lower	Upper
216	100		
214	79.5	63.4	95.0
179	21.5	17.4	26.2
108	18.2	15.6	23.4

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



#40

Hexachlorocyclopentadiene

Concen: 47.13 ng

RT: 9.04 min Scan# 608

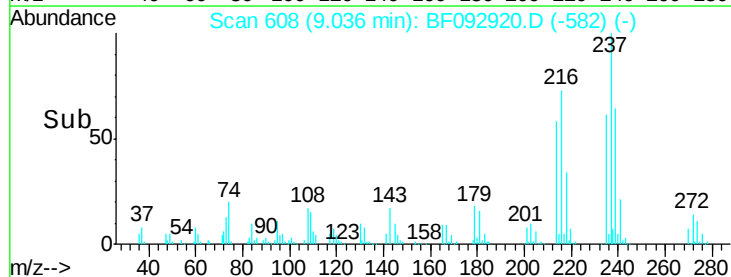
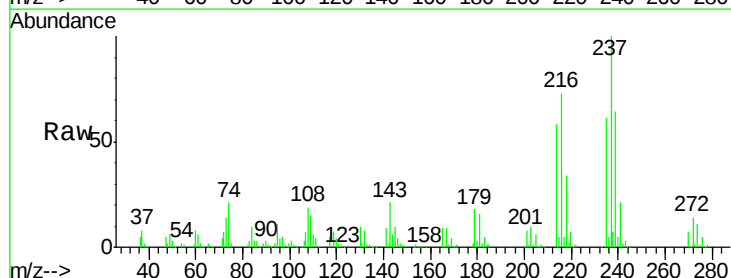
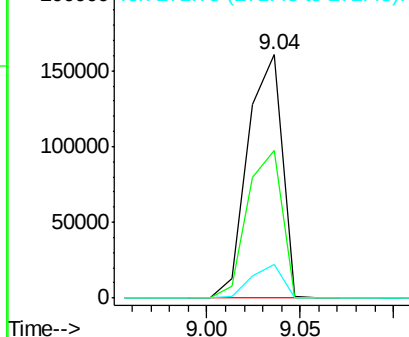
Delta R.T. -0.00 min

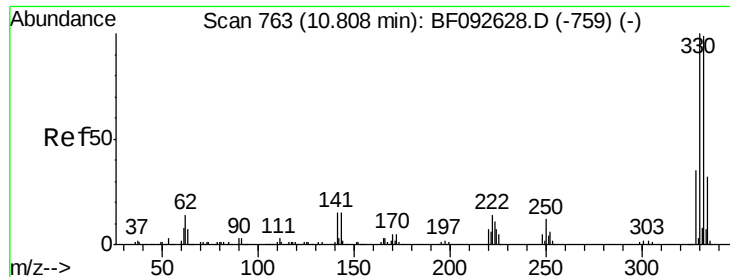
Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Tgt Ion:	237	Resp:	207411
Ion Ratio		Lower	Upper
237	100		
235	60.9	41.2	81.2
272	13.9	0.0	35.4

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





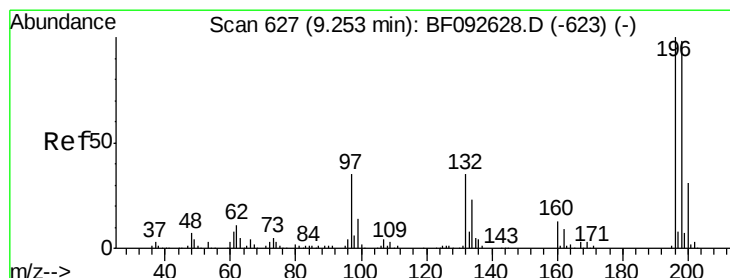
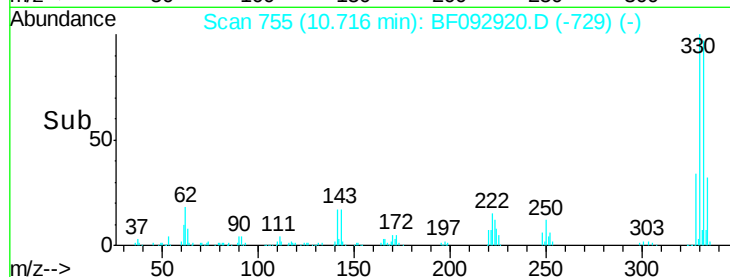
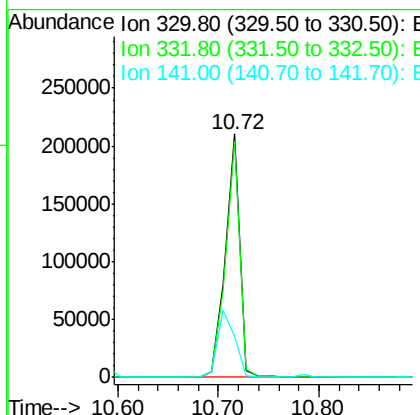
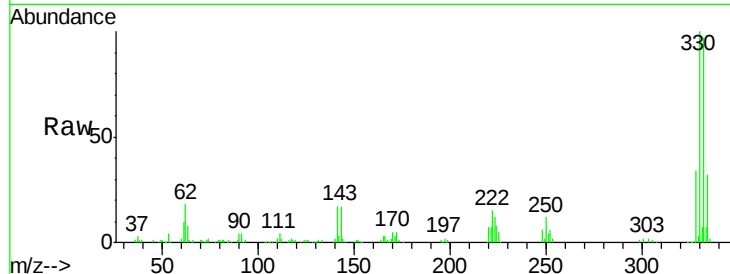
#41
 2,4,6-Tribromophenol
 Concen: 83.60 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	210120		
332	96.3	77.4	116.2	
141	32.9	34.1	51.1#	

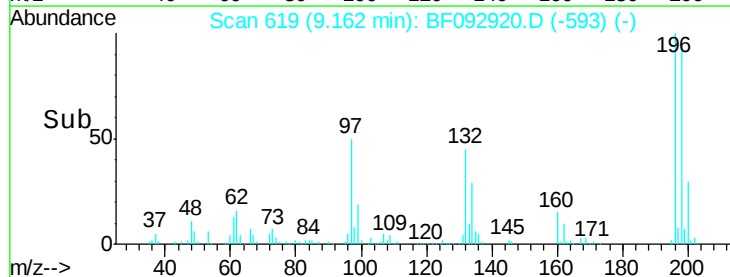
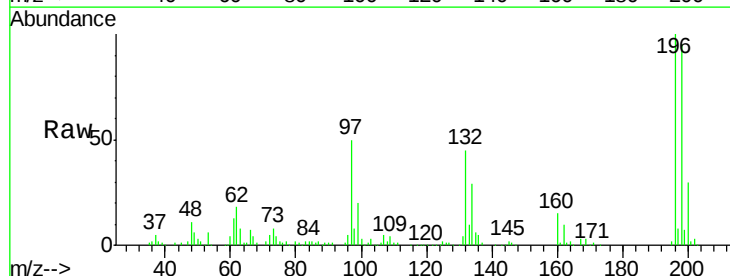
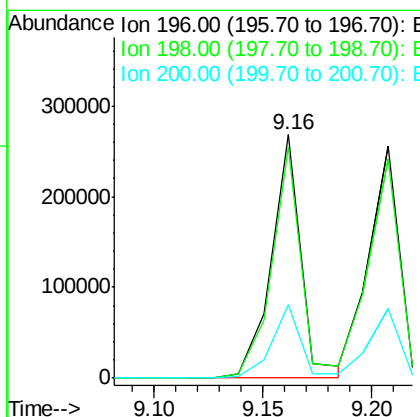
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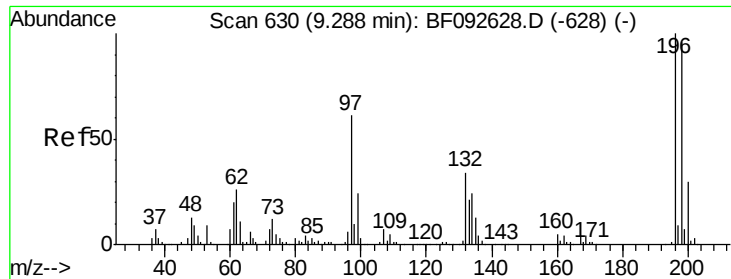
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#42
 2,4,6-Trichlorophenol
 Concen: 40.04 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	256665		
198	95.0	82.1	123.1	
200	30.4	27.0	40.4	





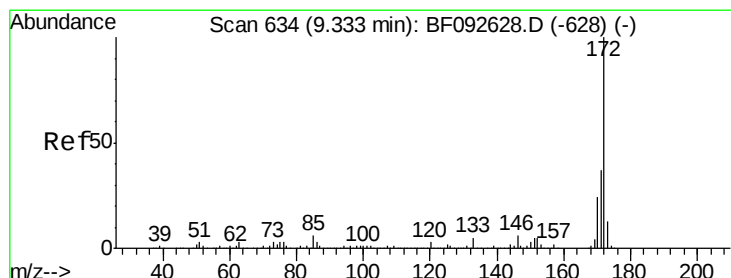
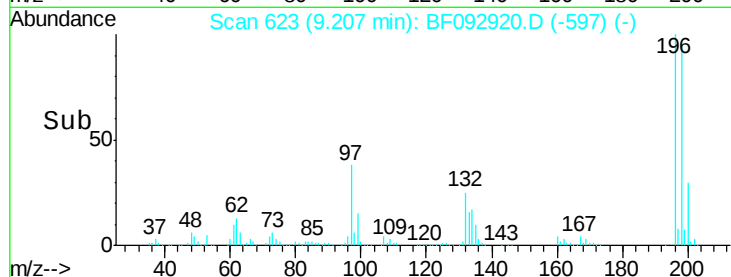
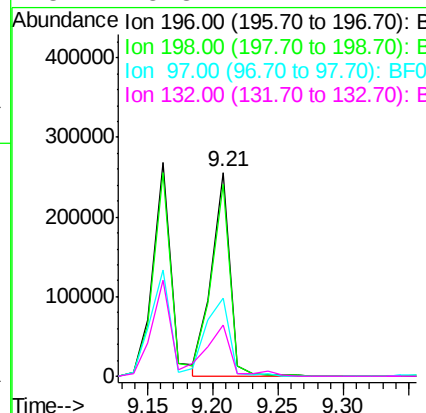
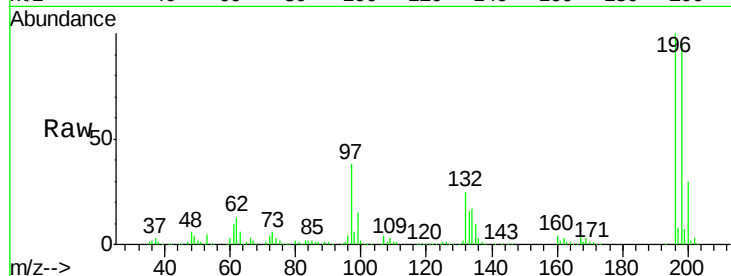
#43
 2,4,5-Trichlorophenol
 Concen: 36.06 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	253255		
198	94.5	79.4	119.2	
97	38.3	51.5	77.3#	
132	25.3	27.4	41.2#	

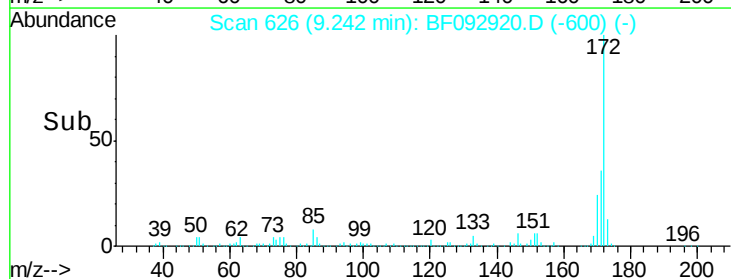
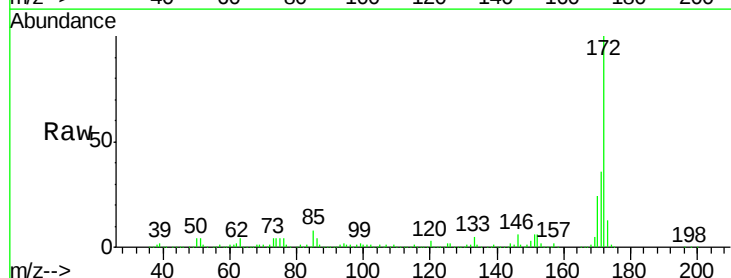
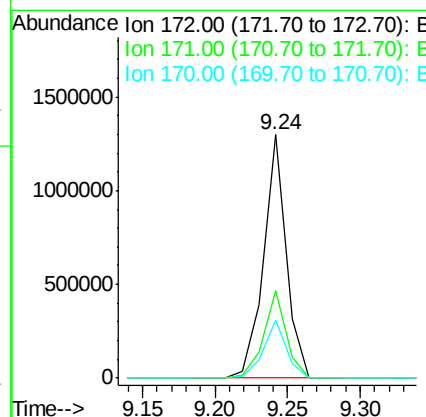
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#44
 2-Fluorobiphenyl
 Concen: 73.44 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1408733		
171	36.1	29.4	44.0	
170	24.1	20.2	30.4	





#45

1,1'-Biphenyl

Concen: 37.14 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

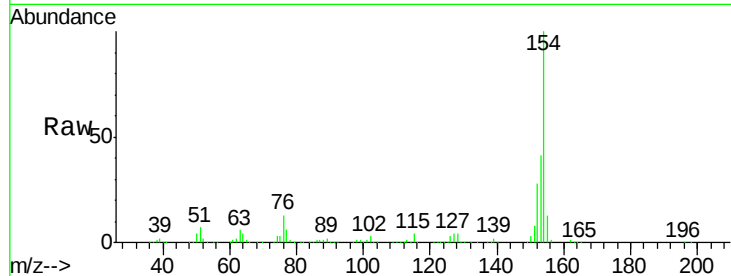
ClientSampleId :

PB96883BS

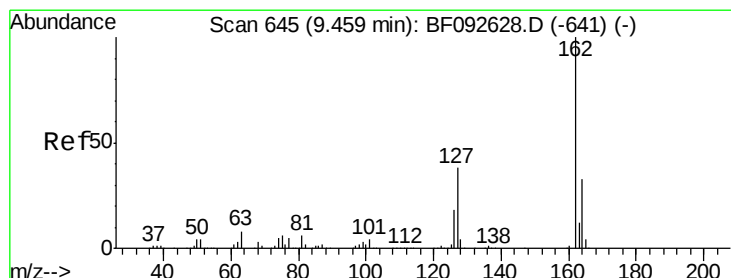
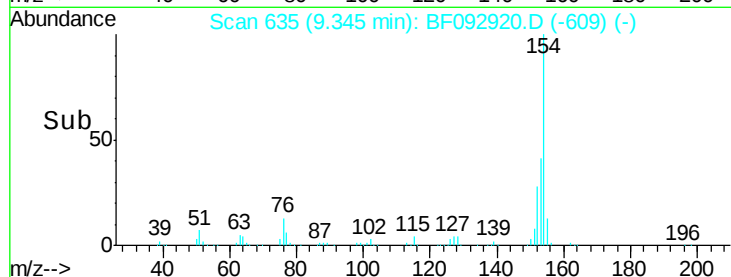
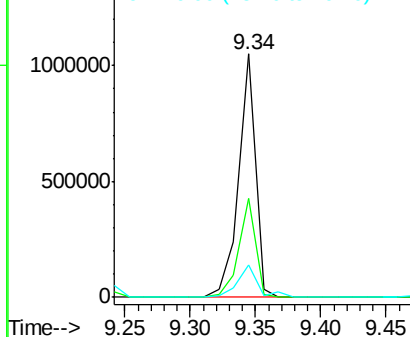
Tgt Ion:	154	Resp:	934656
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.9	60.9
76	13.1	0.0	30.5

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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: 35.55 ng

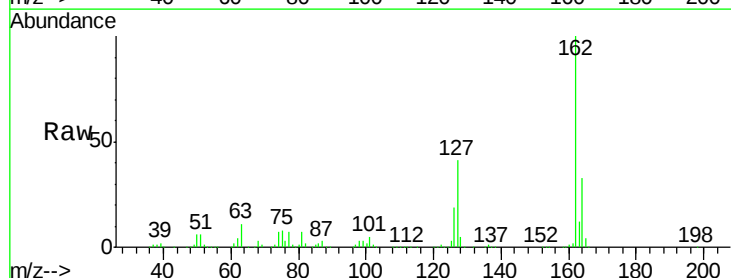
RT: 9.37 min Scan# 637

Delta R.T. -0.00 min

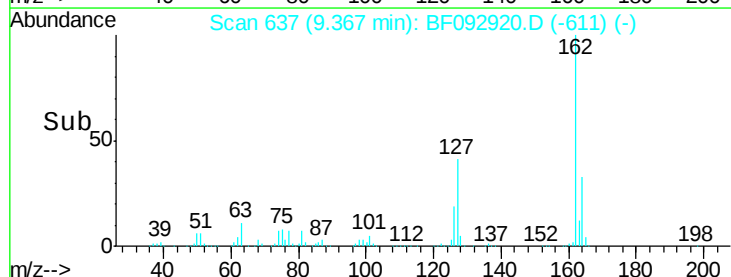
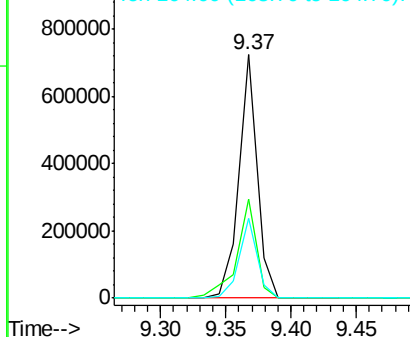
Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Tgt Ion:	162	Resp:	699858
Ion Ratio	Lower	Upper	
162	100		
127	40.6	30.7	46.1
164	33.0	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





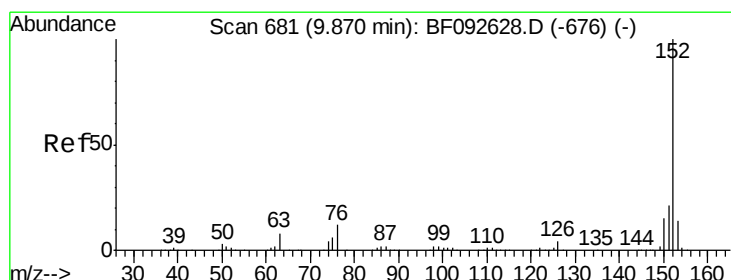
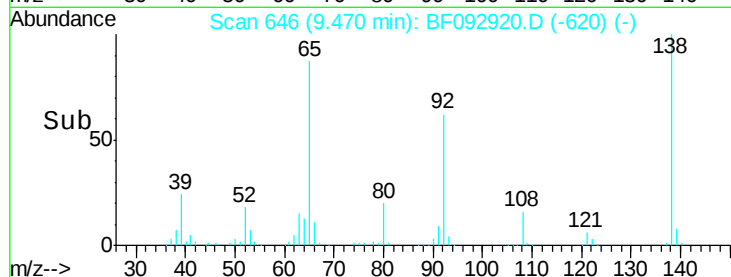
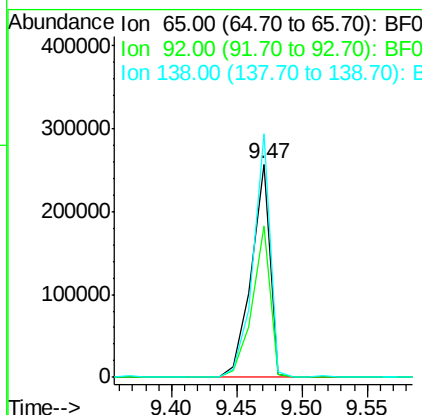
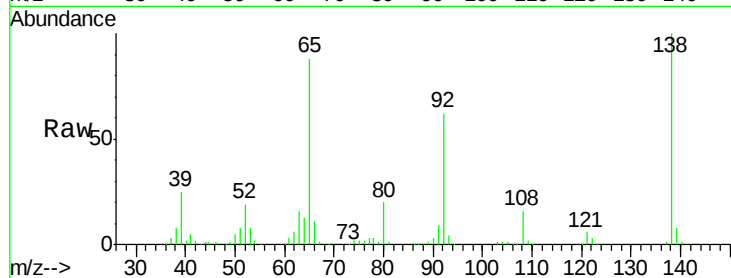
#47
2-Nitroaniline
Concen: 38.98 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	53.9	80.9
138	114.2	76.8	115.2

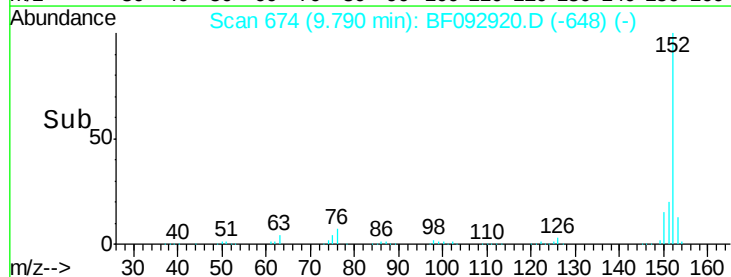
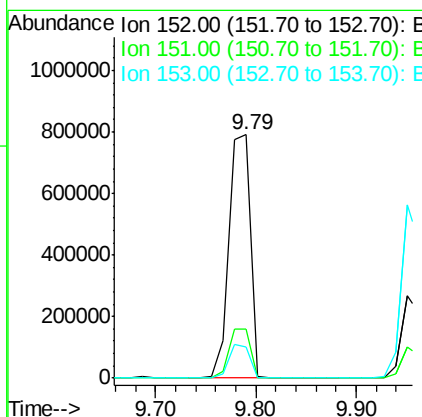
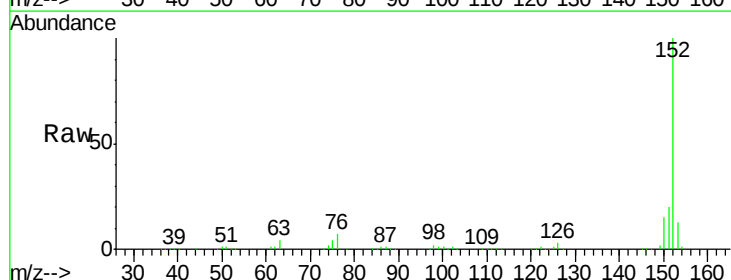
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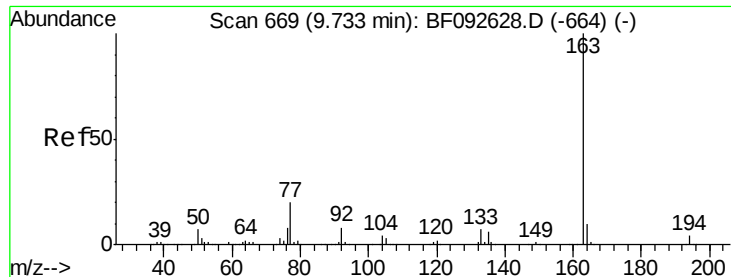
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#48
Acenaphthylene
Concen: 34.34 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.9	25.3
153	13.0	11.4	17.2





#49

Dimethylphthalate

Concen: 37.37 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

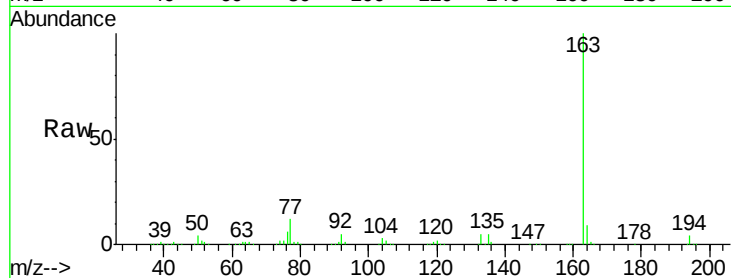
ClientSampleId :

PB96883BS

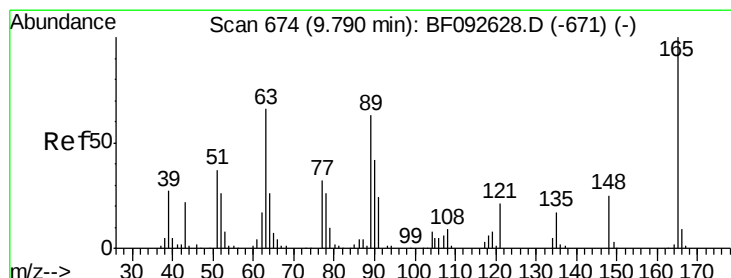
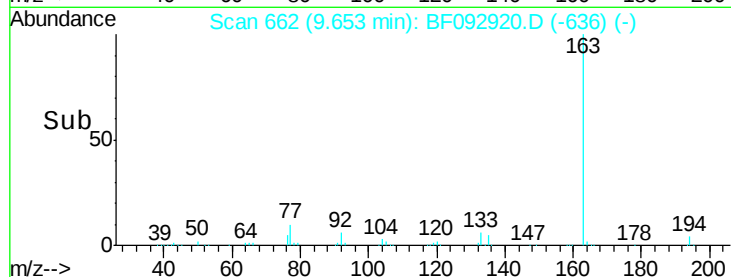
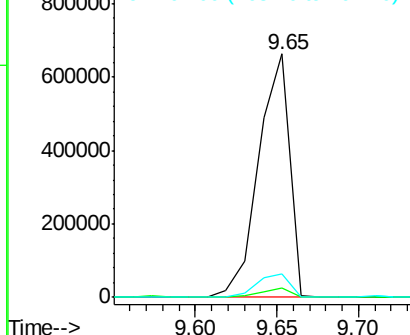
Tgt Ion:	163	Resp:	874655
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.0	4.4
164	9.4	8.0	12.0

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



#50

2,6-Dinitrotoluene

Concen: 39.52 ng

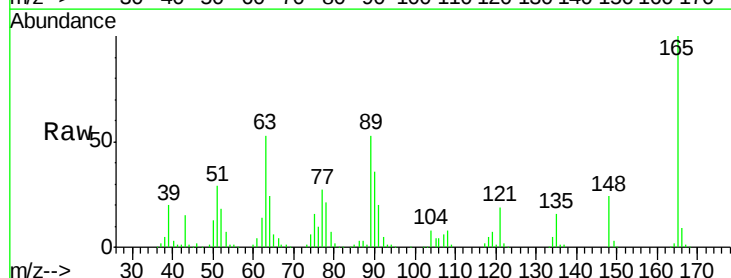
RT: 9.71 min Scan# 667

Delta R.T. -0.00 min

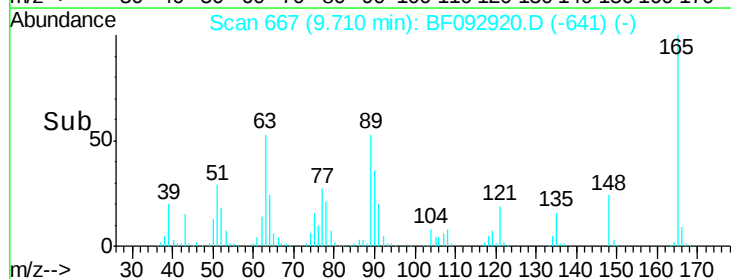
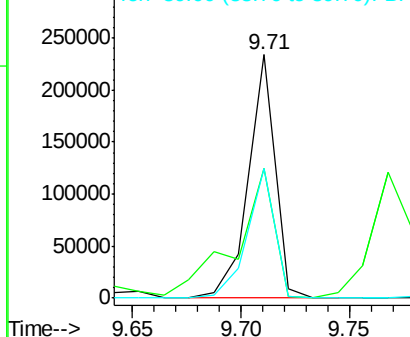
Lab File: BF092920.D

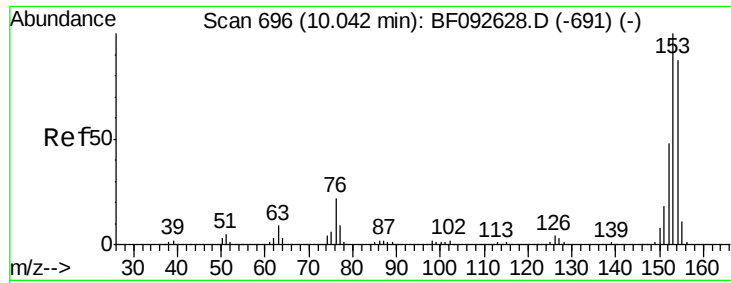
Acq: 13 Feb 2017 16:10

Tgt Ion:	165	Resp:	199783
Ion Ratio	Lower	Upper	
165	100		
63	53.4	36.2	54.4
89	53.2	40.2	60.4



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





#51

Acenaphthene

Concen: 38.07 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

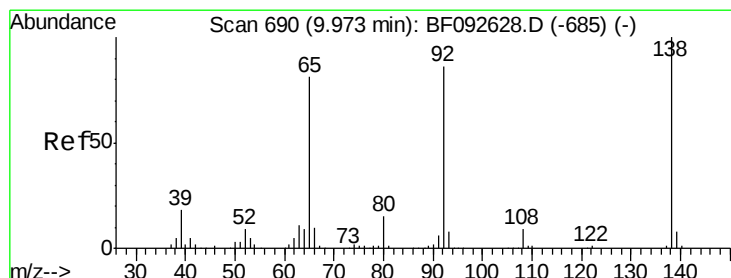
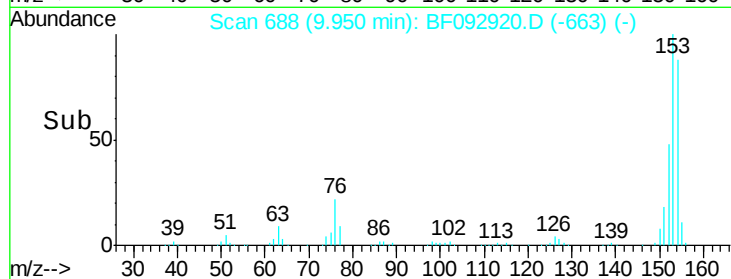
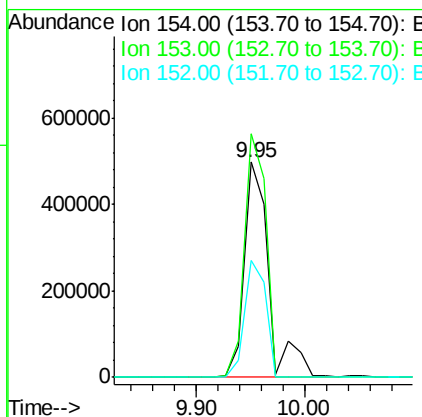
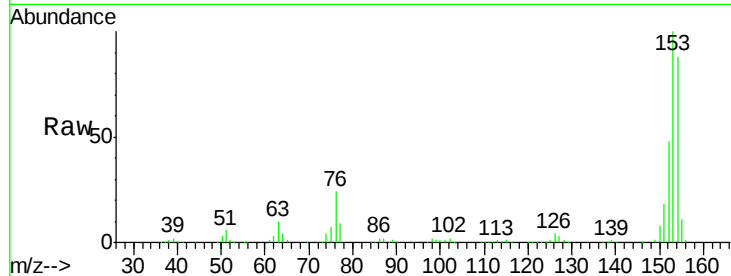
ClientSampleId :

PB96883BS

Tgt Ion:	154	Resp:	773929
Ion Ratio	Lower	Upper	
154	100		
153	113.3	88.6	133.0
152	54.3	41.6	62.4

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#52

3-Nitroaniline

Concen: 23.72 ng

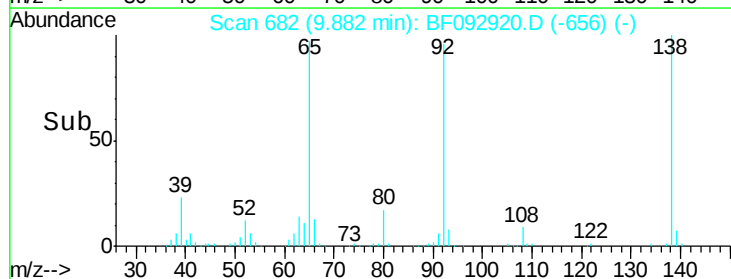
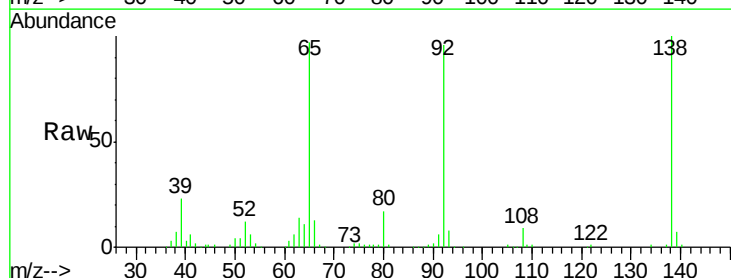
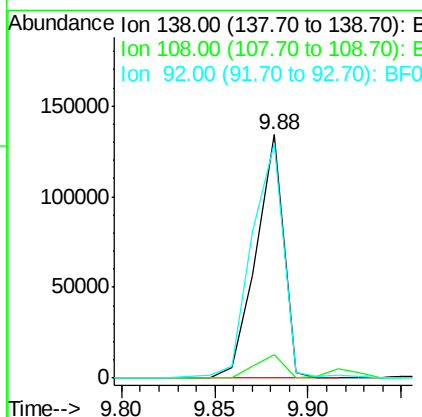
RT: 9.88 min Scan# 682

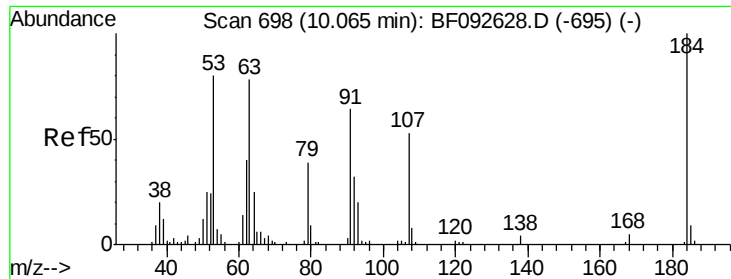
Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

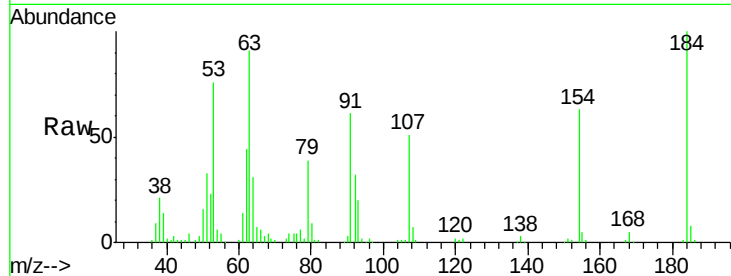
Tgt Ion:	138	Resp:	137195
Ion Ratio	Lower	Upper	
138	100		
108	9.5	8.5	12.7
92	96.4	97.8	146.8#





#53
 2,4-Dinitrophenol
 Concen: 72.66 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

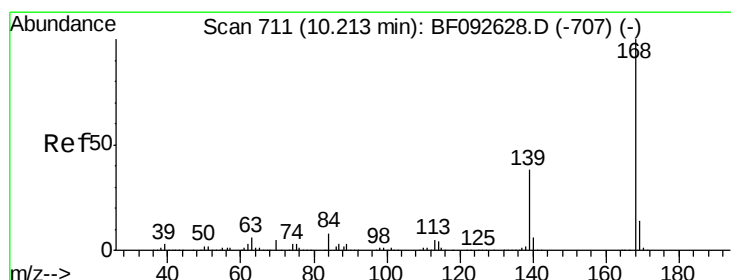
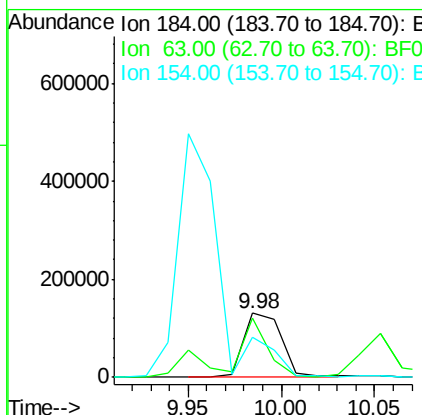
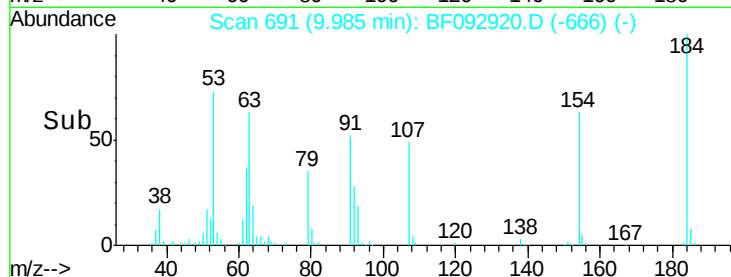
Instrument :
 BNA_F
 ClientSampleId :
 PB96883BS



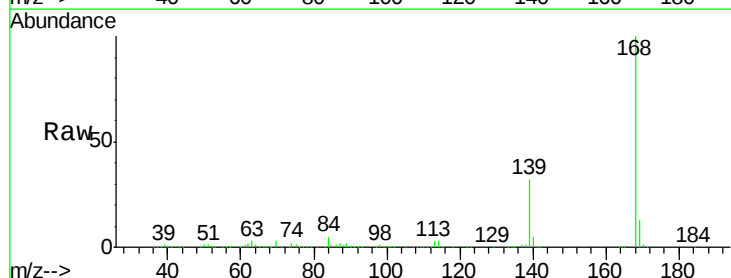
Tgt Ion:184 Resp: 185660
 Ion Ratio Lower Upper
 184 100
 63 91.4 28.4 42.6#
 154 62.8 44.3 66.5

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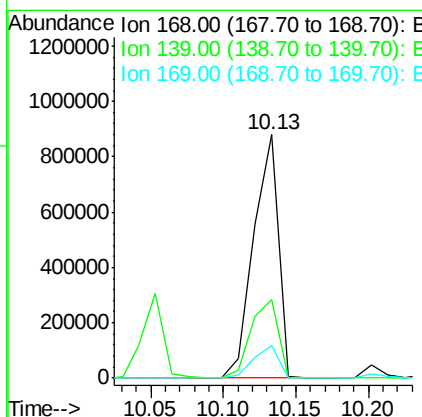
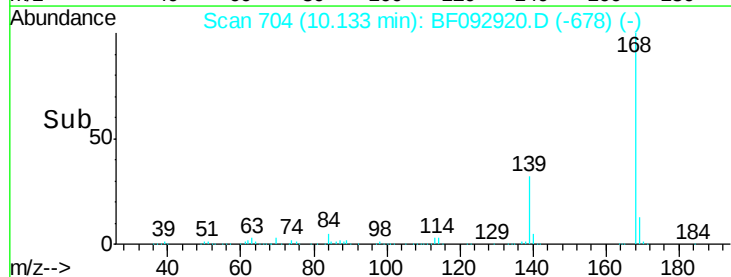
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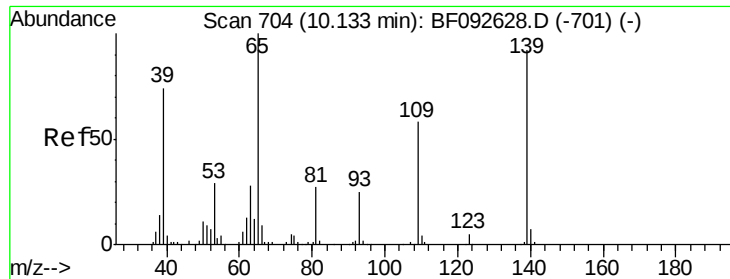


#54
 Dibenzofuran
 Concen: 38.35 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10



Tgt Ion:168 Resp: 1042713
 Ion Ratio Lower Upper
 168 100
 139 32.1 32.6 49.0#
 169 13.3 11.3 16.9





#55

4-Nitrophenol

Concen: 74.74 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

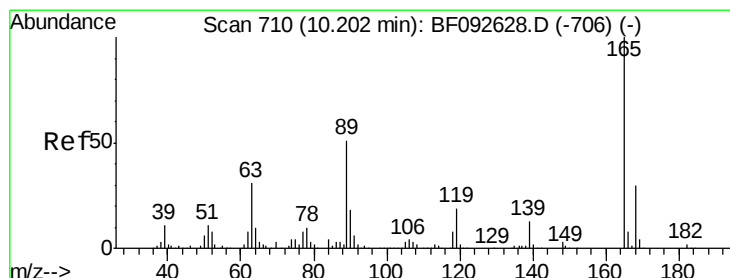
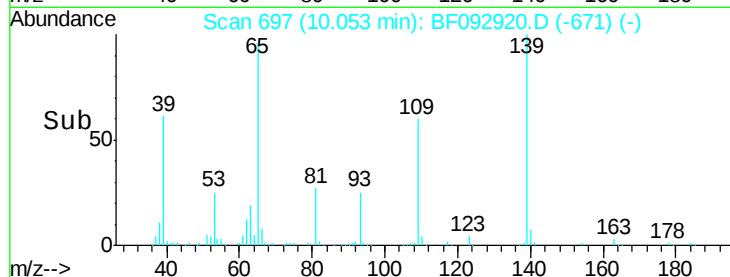
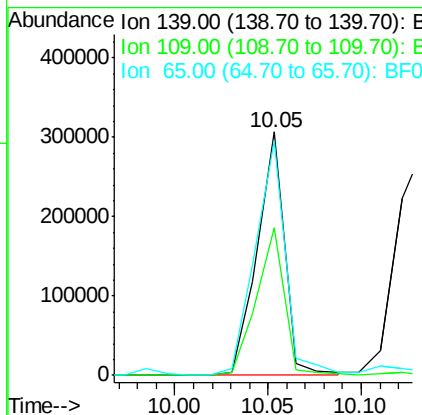
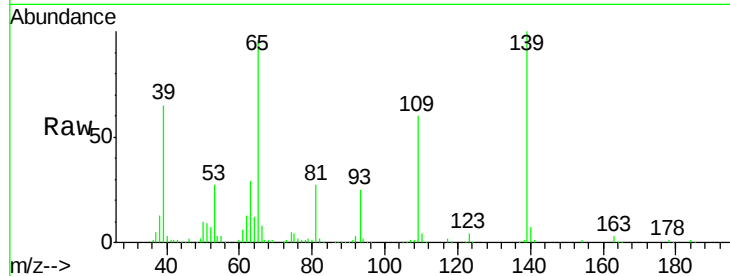
ClientSampleId :

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Tgt Ion:	139	Resp:	311421
Ion Ratio	Lower	Upper	
139	100		
109	60.4	52.2	92.2
65	96.2	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 37.40 ng

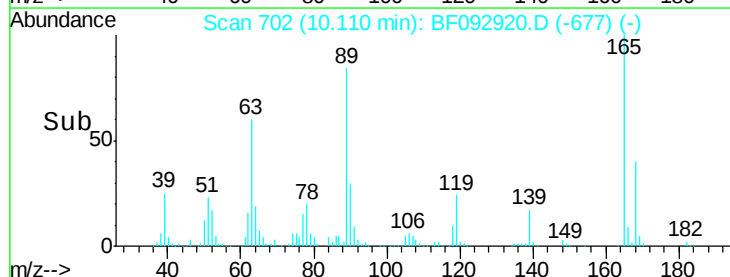
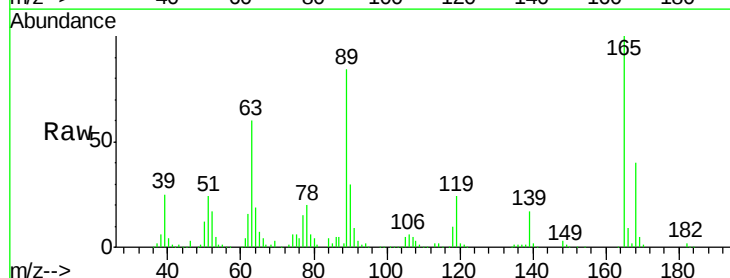
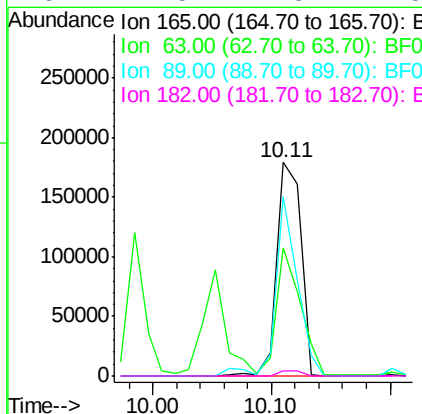
RT: 10.11 min Scan# 702

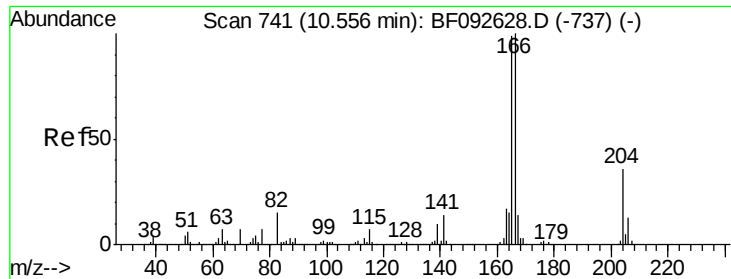
Delta R.T. -0.01 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Tgt Ion:	165	Resp:	251722
Ion Ratio	Lower	Upper	
165	100		
63	59.7	40.2	60.4
89	84.0	62.5	93.7
182	2.5	1.8	2.8





#57

Fluorene

Concen: 35.81 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

ClientSampleId :

PB96883BS

Tgt Ion:166 Resp: 749162
Ion Ratio Lower Upper

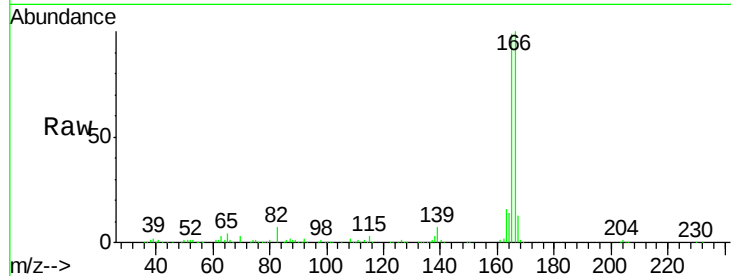
166 100

165 98.6 77.8 116.8

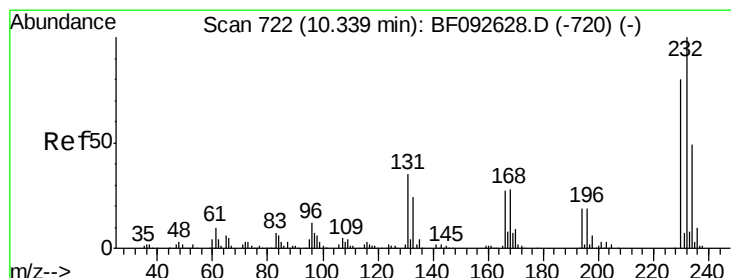
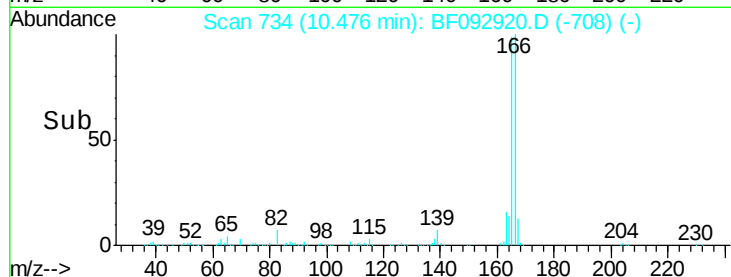
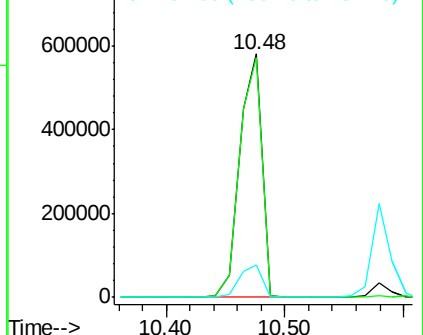
167 13.1 10.8 16.2

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.50 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Tgt Ion:232 Resp: 199106
Ion Ratio Lower Upper

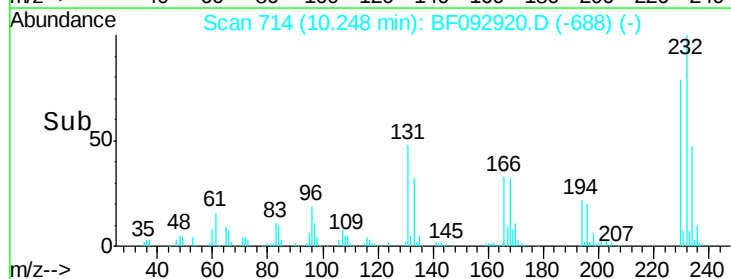
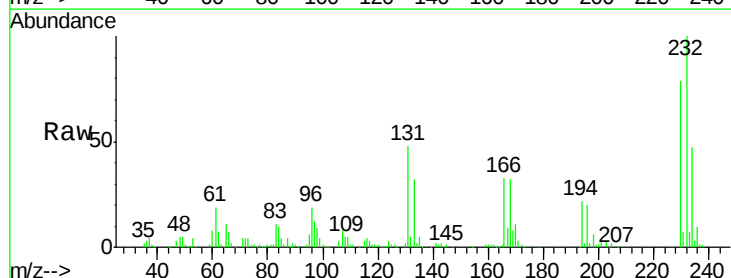
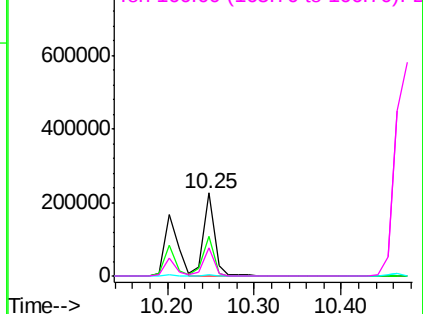
232 100

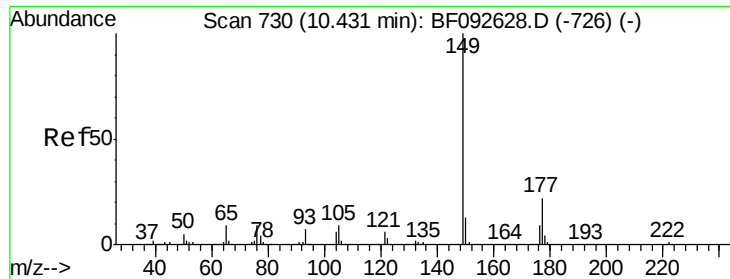
131 48.5 40.1 60.1

130 2.3 1.8 2.8

166 32.6 26.6 39.8

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





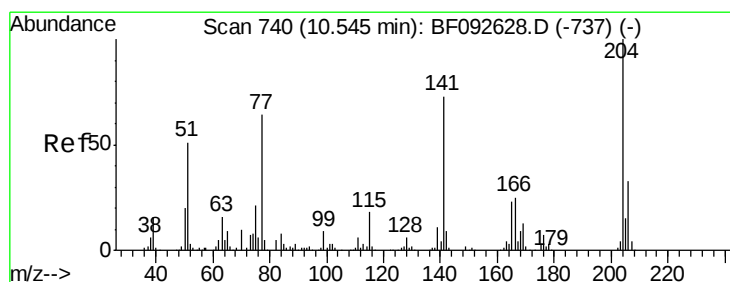
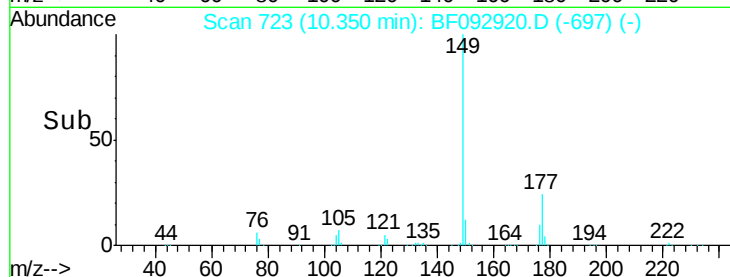
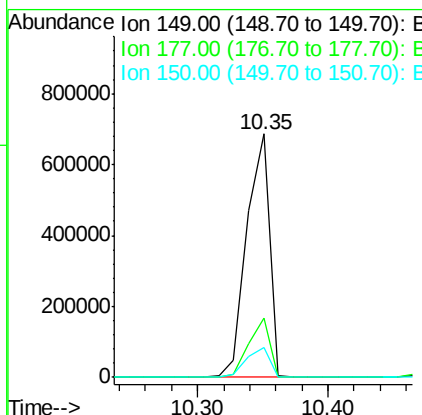
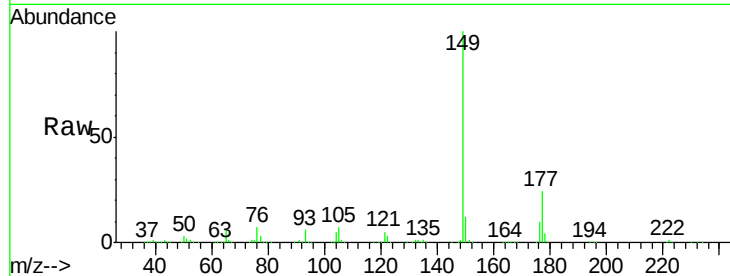
#59
Diethylphthalate
Concen: 37.86 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	835164		
177	24.5	16.6	25.0	
150	12.2	10.4	15.6	

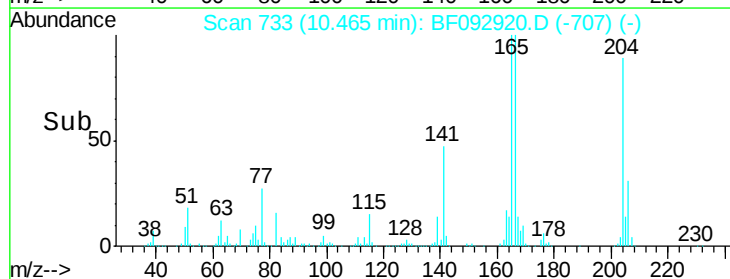
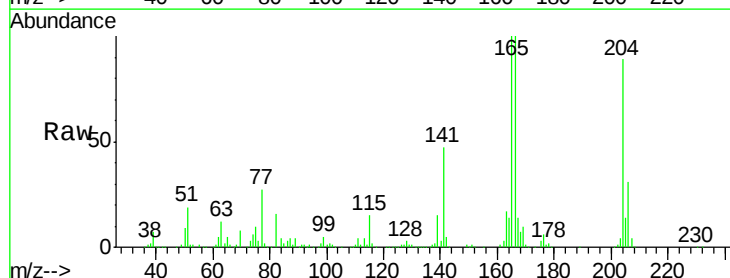
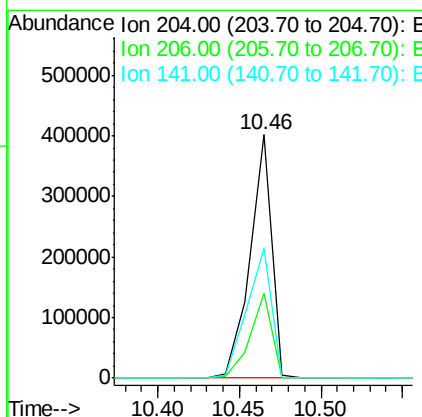
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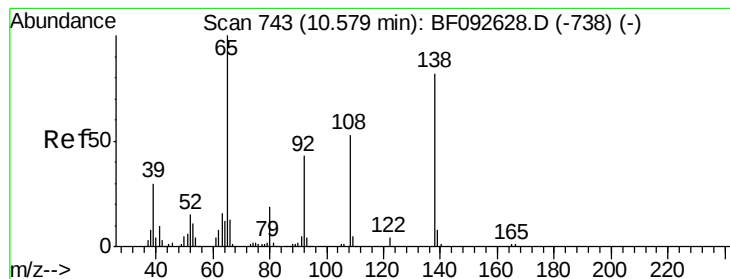
mohammad
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#60
4-Chlorophenyl-phenylether
Concen: 36.82 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

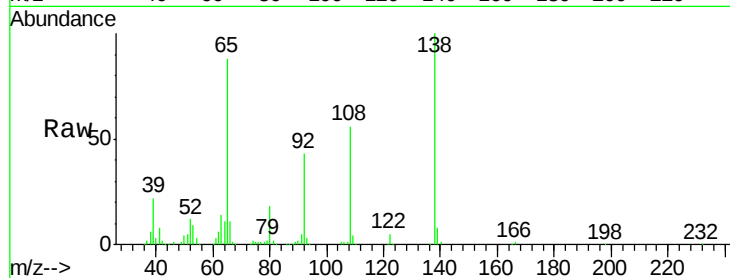
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	370040		
206	34.9	25.8	38.6	
141	53.0	59.4	89.0	





#61
4-Nitroaniline
Concen: 38.51 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

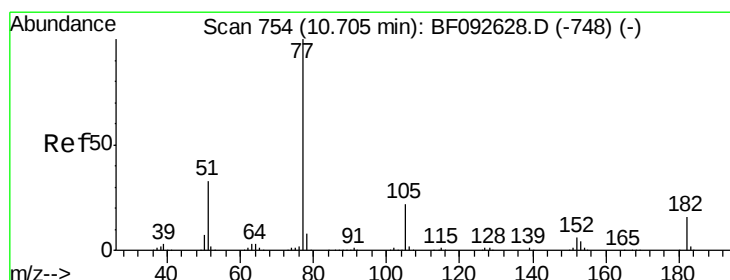
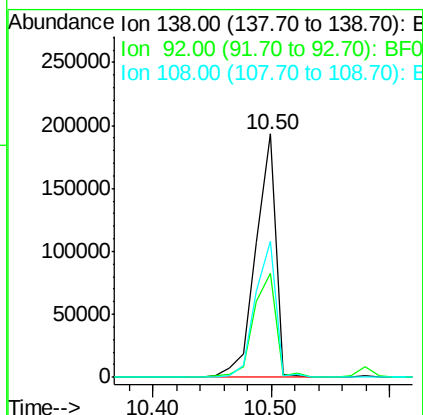
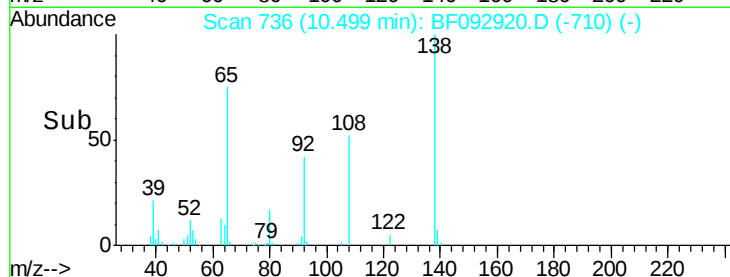
Instrument :
BNA_F
ClientSampled :
PB96883BS



Tgt Ion	Ratio	Lower	Upper
138	100		
92	42.7	31.7	71.7
108	56.0	52.6	92.6

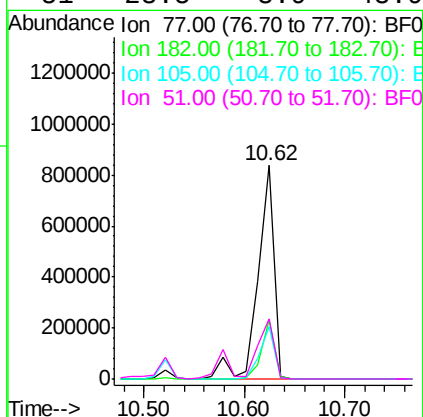
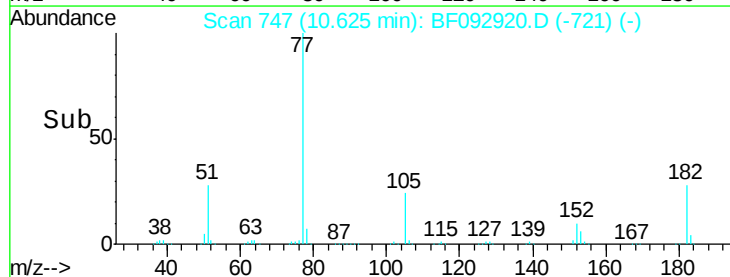
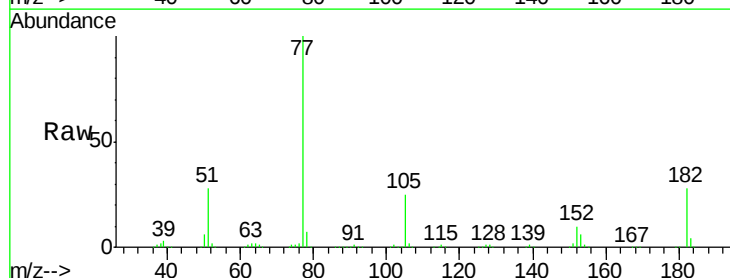
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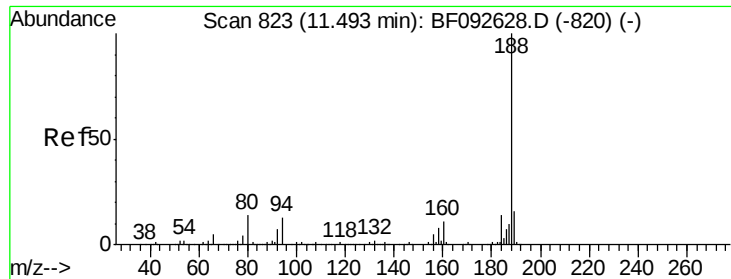
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#62
Azobenzene
Concen: 41.26 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	0.0	39.3
105	24.8	2.3	42.3
51	28.5	8.9	48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

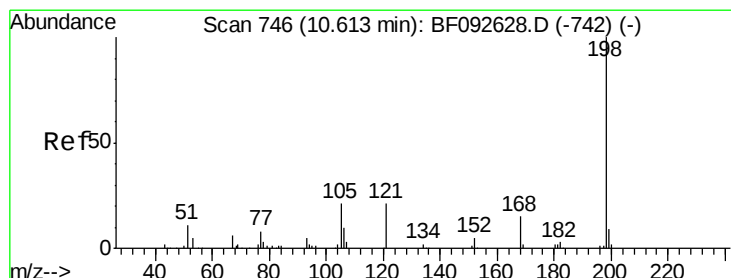
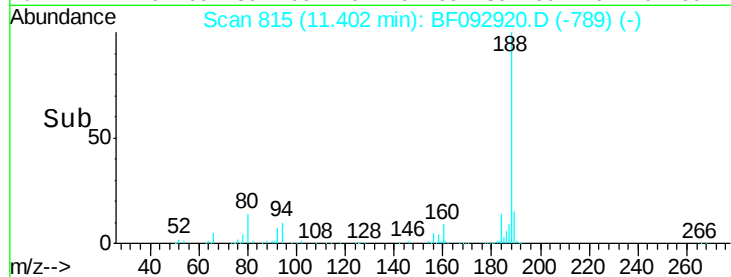
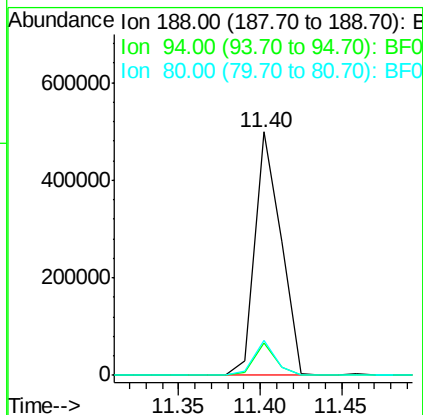
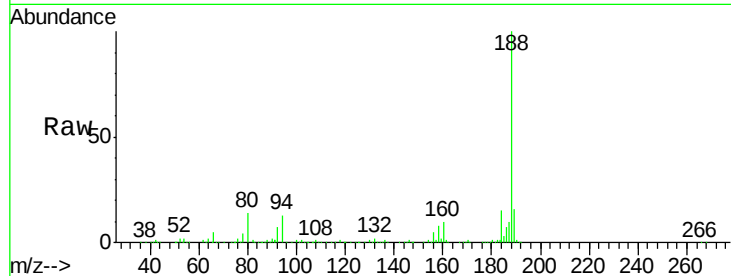
ClientSampleId :

PB96883BS

Tgt Ion:	188	Resp:	554678
Ion Ratio	Lower	Upper	
188	100		
94	13.3	10.0	15.0
80	14.3	11.2	16.8

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.66 ng

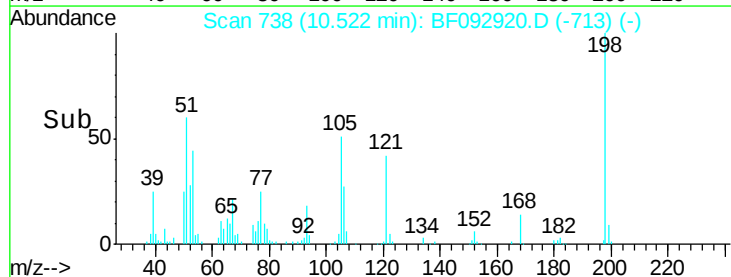
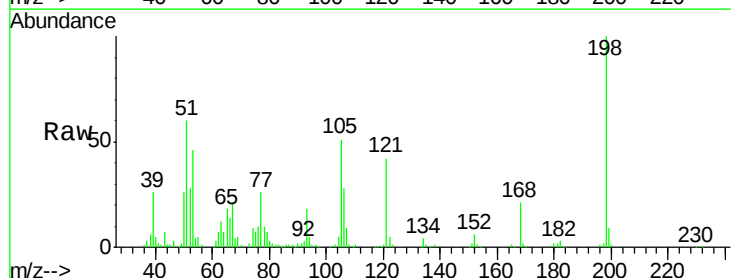
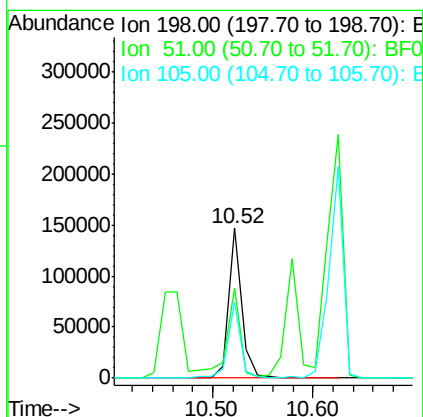
RT: 10.52 min Scan# 738

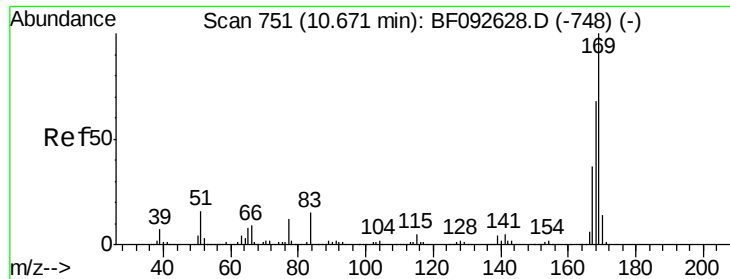
Delta R.T. -0.01 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Tgt Ion:	198	Resp:	132261
Ion Ratio	Lower	Upper	
198	100		
51	59.7	6.7	46.7#
105	50.9	16.6	56.6





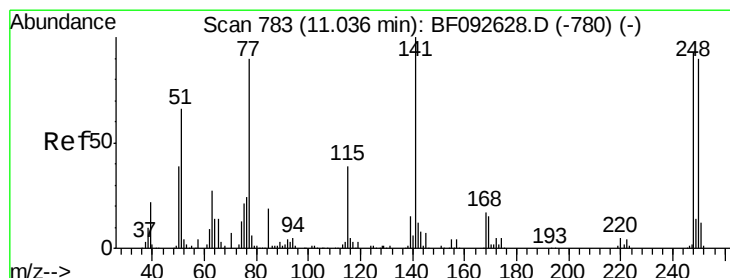
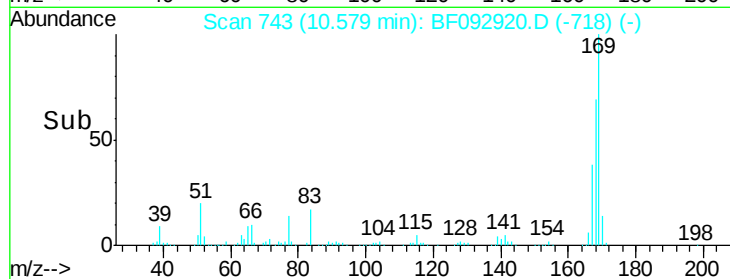
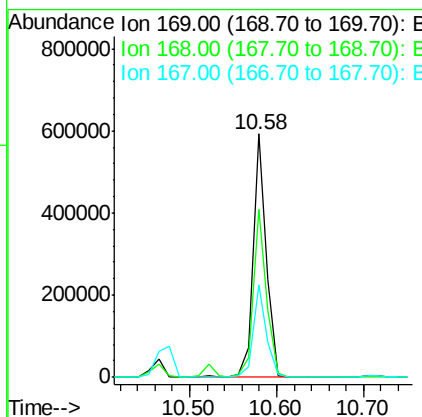
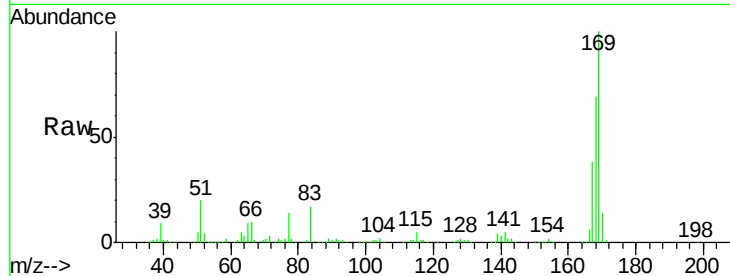
#65
n-Nitrosodiphenylamine
Concen: 35.50 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	628970		
168	69.3	54.2	81.2	
167	38.0	30.2	45.4	

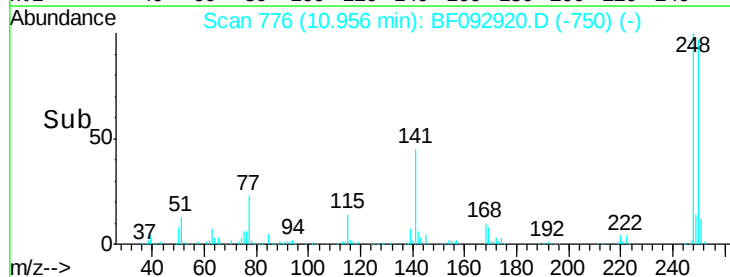
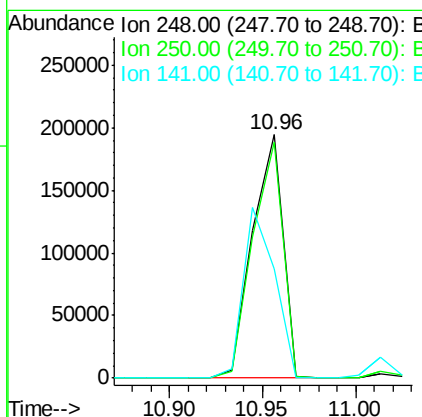
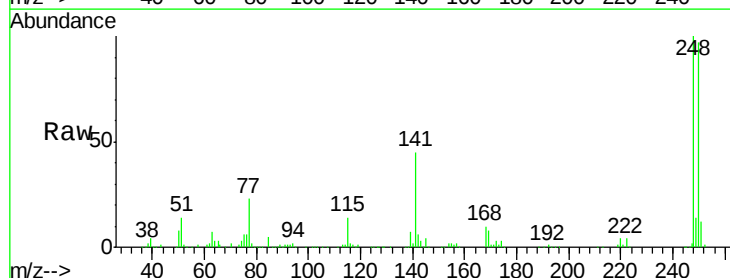
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#66
4-Bromophenyl-phenylether
Concen: 37.91 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	219701		
250	96.7	76.9	115.3	
141	44.9	68.2	102.4	





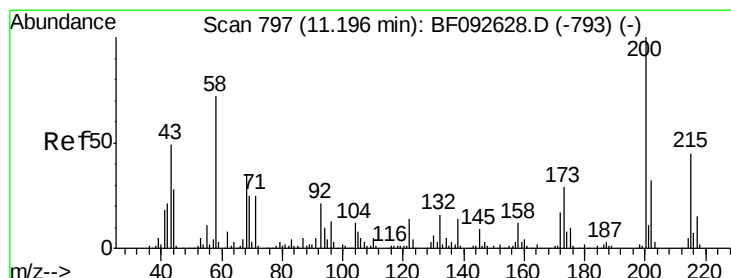
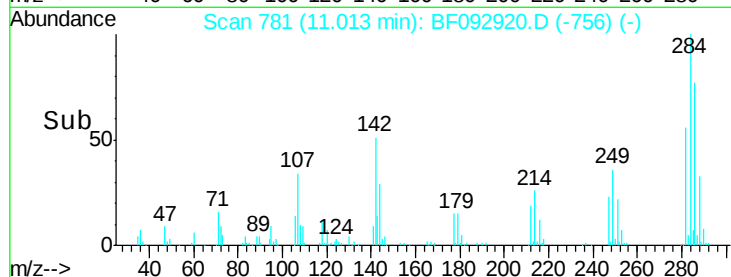
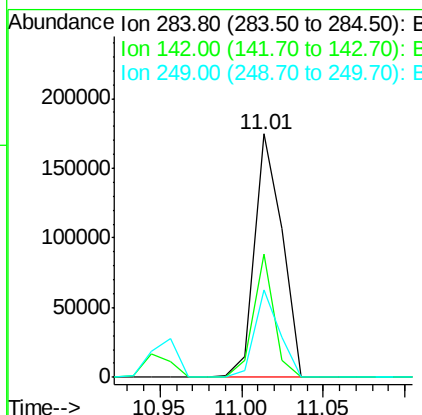
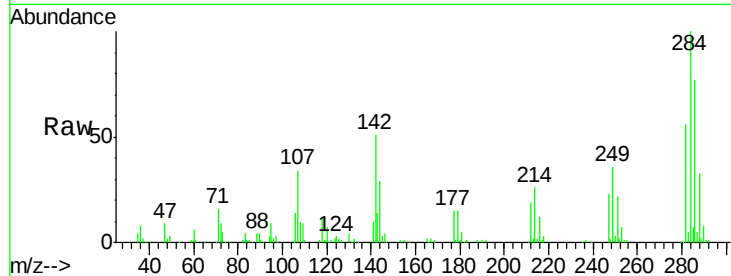
#67
Hexachlorobenzene
Concen: 35.67 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	50.7	22.6	33.8#
249	36.2	25.4	38.0

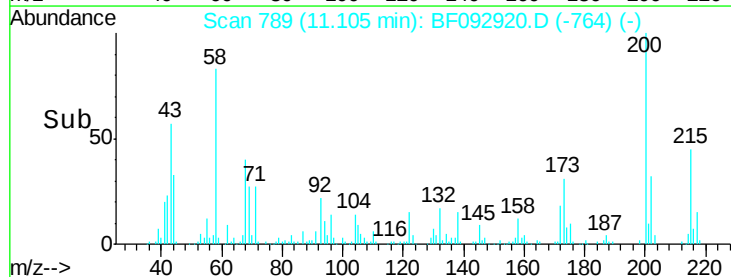
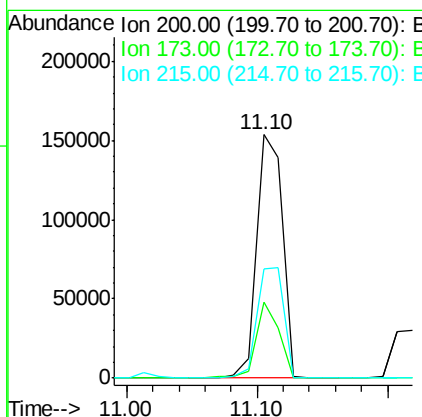
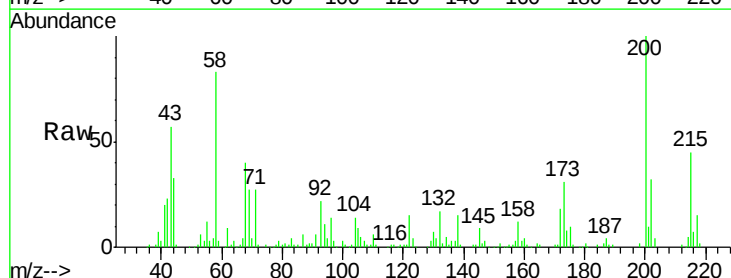
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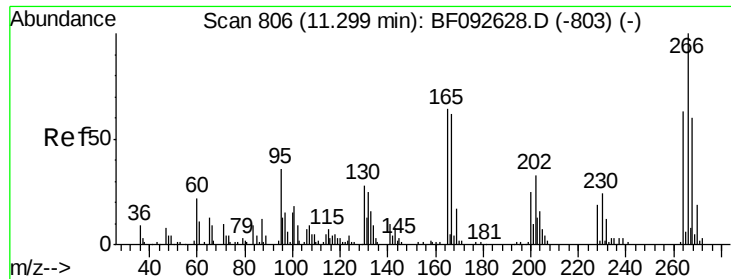
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#68
Atrazine
Concen: 37.19 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	31.1	9.6	49.6
215	44.7	25.7	65.7





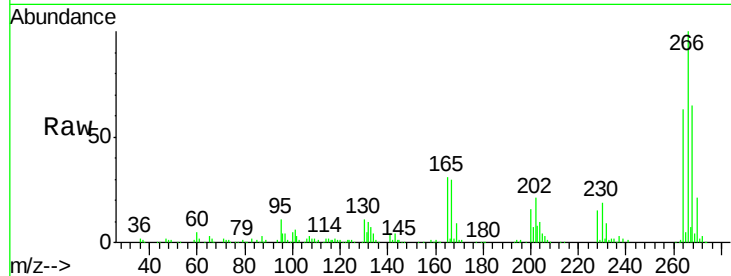
#69
 Pentachlorophenol
 Concen: 80.20 ng
 RT: 11.22 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BS

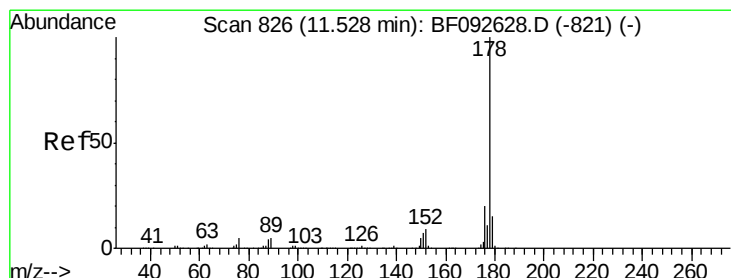
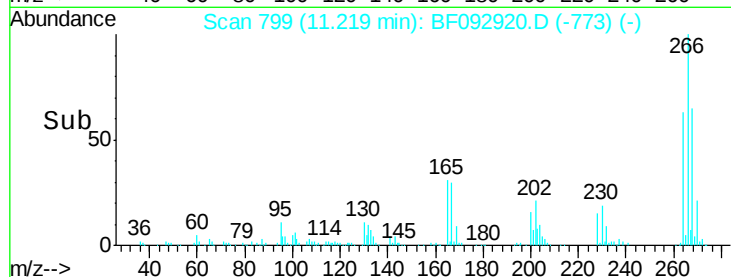
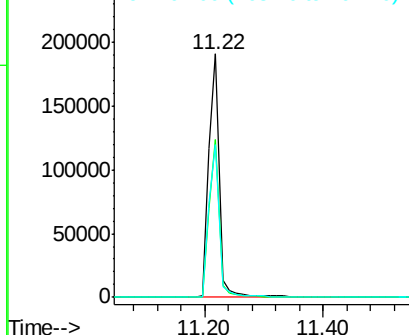
Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	53.3	79.9
264	62.6	50.3	75.5

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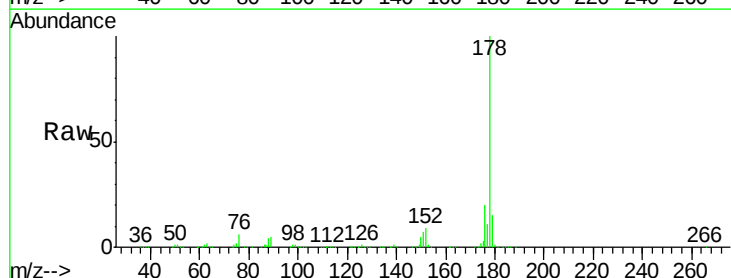


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

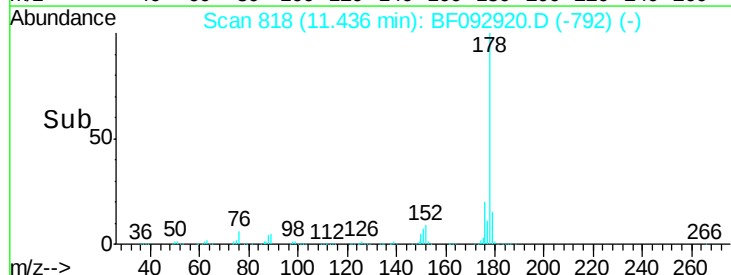
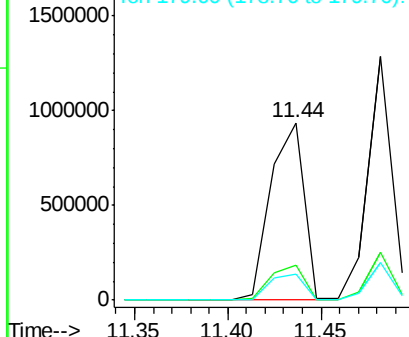


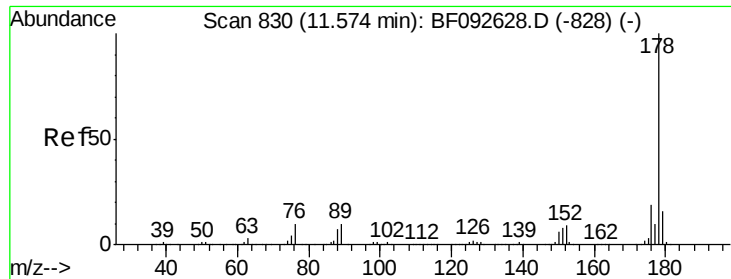
#70
 Phenanthrene
 Concen: 36.88 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.6	25.0
179	14.9	12.8	19.2



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





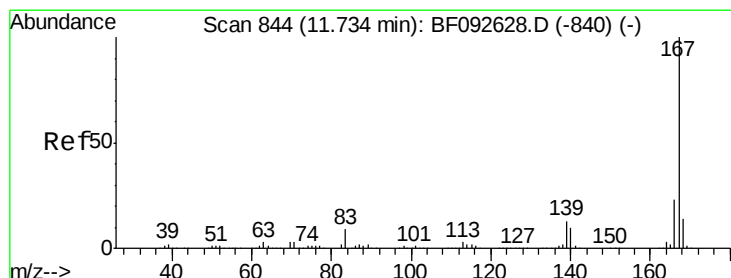
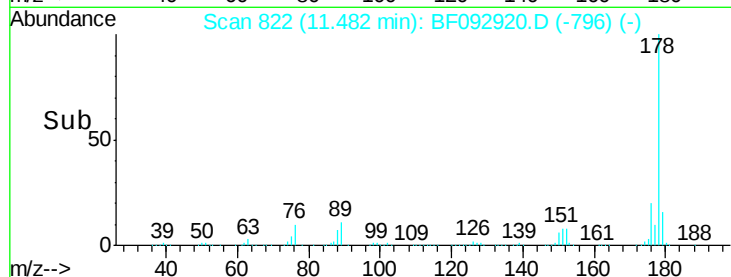
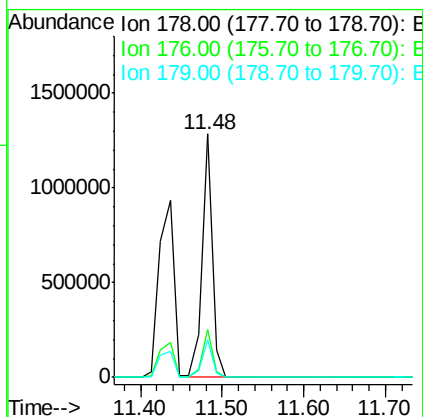
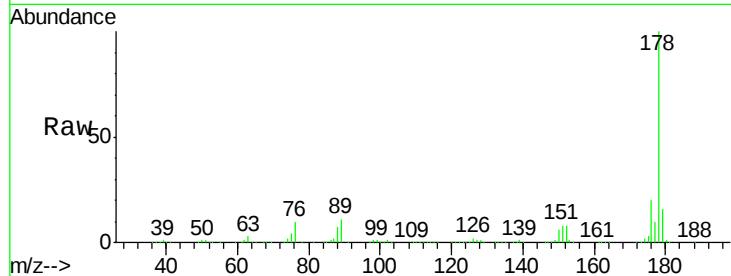
#71
 Anthracene
 Concen: 35.95 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BS

Tgt Ion:178 Resp: 1147307
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.6 13.2 19.8

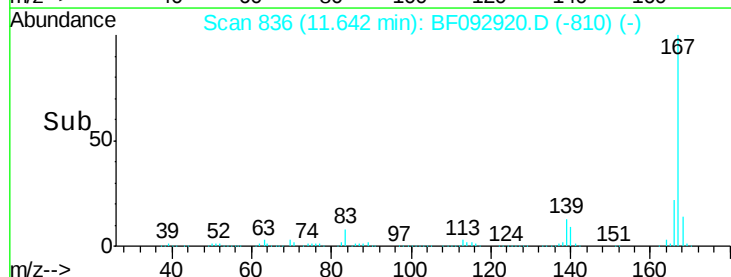
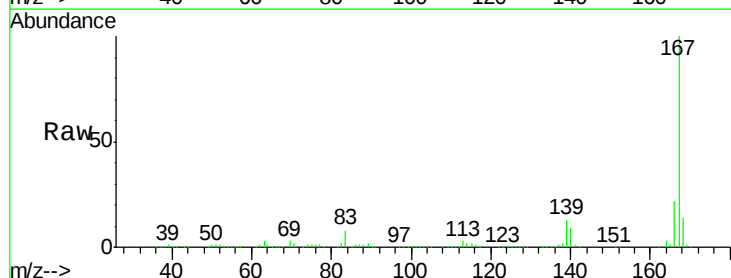
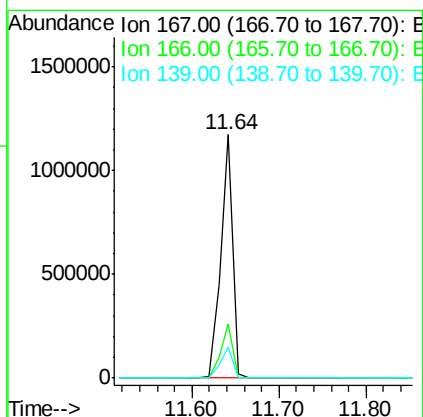
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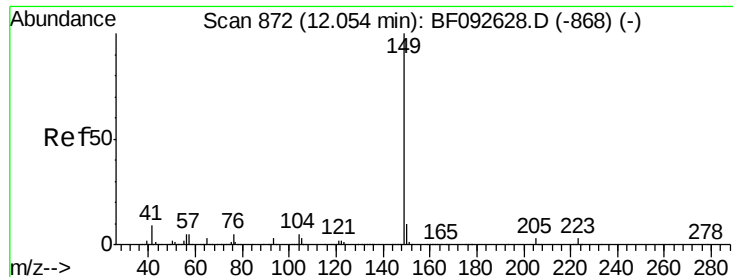
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#72
 Carbazole
 Concen: 37.45 ng
 RT: 11.64 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion:167 Resp: 1142329
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.2
 139 12.8 11.4 17.2





#73

Di-n-butylphthalate

Concen: 36.86 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

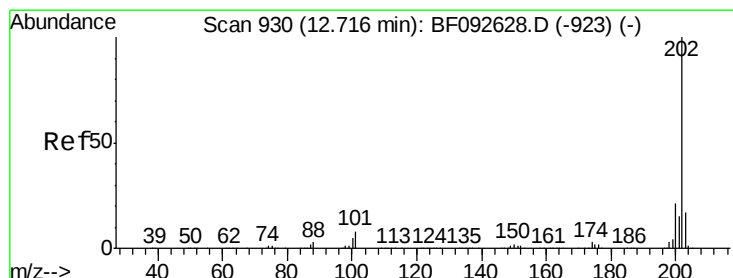
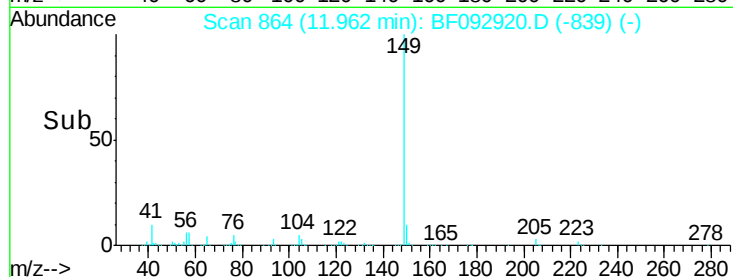
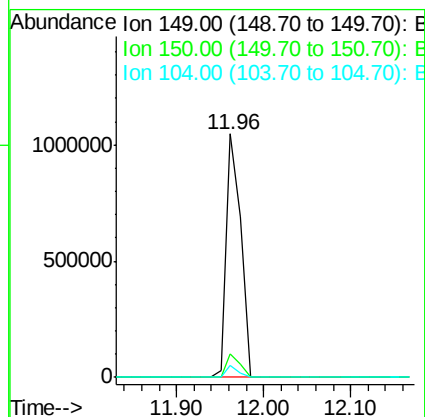
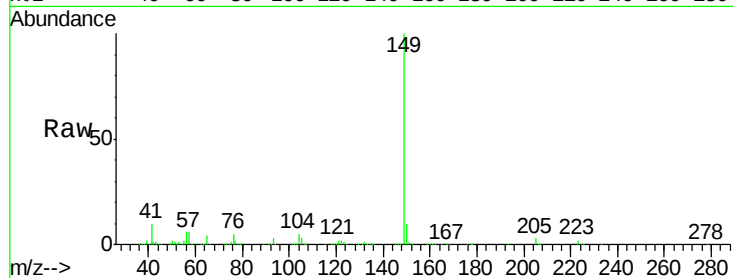
ClientSampleId :

PB96883BS

Tgt Ion:	149	Resp:	1216185
Ion Ratio	Lower	Upper	
149	100		
150	9.6	8.1	12.1
104	5.0	4.6	7.0

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#74

Fluoranthene

Concen: 33.26 ng

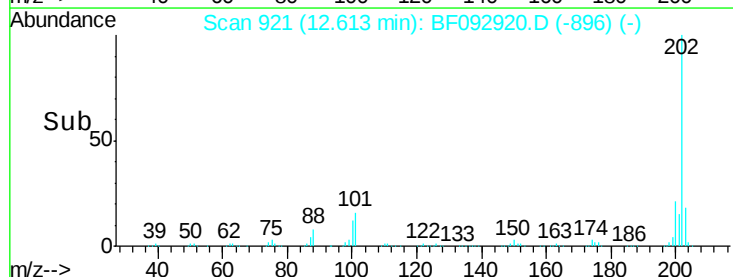
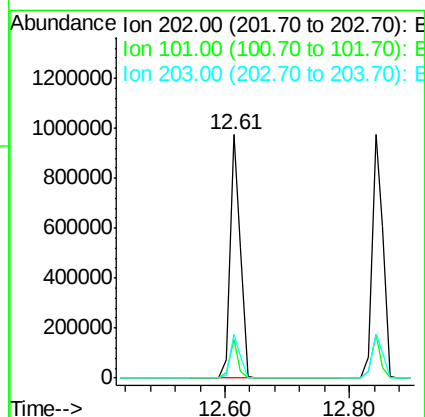
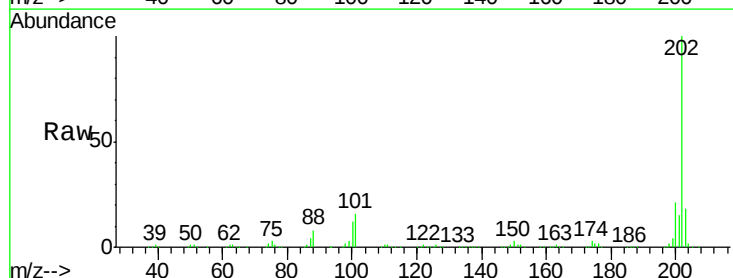
RT: 12.61 min Scan# 921

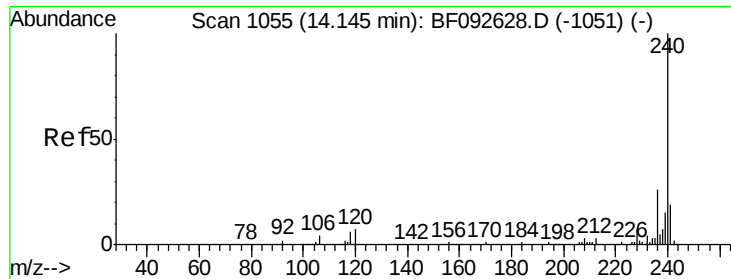
Delta R.T. -0.01 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Tgt Ion:	202	Resp:	1090317
Ion Ratio	Lower	Upper	
202	100		
101	16.0	0.0	34.6
203	17.9	0.0	38.7





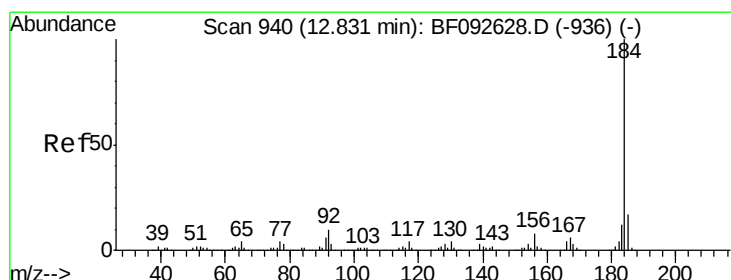
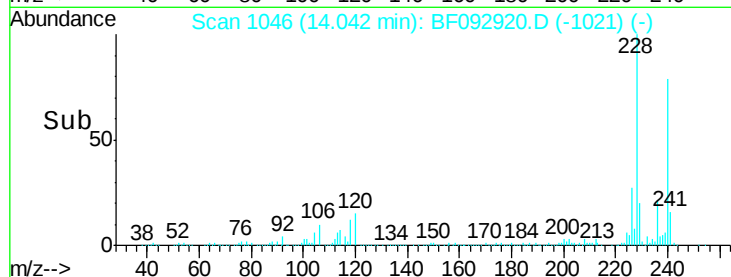
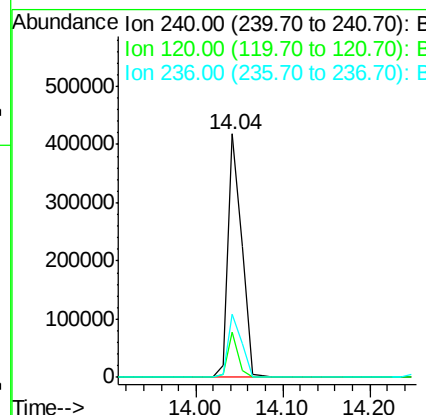
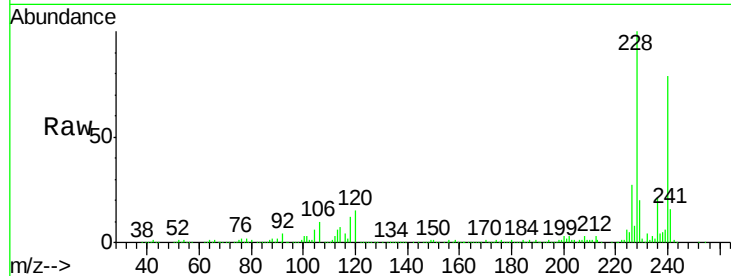
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampled :
PB96883BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	462624		
120	18.6	12.9	19.3	
236	26.1	20.9	31.3	

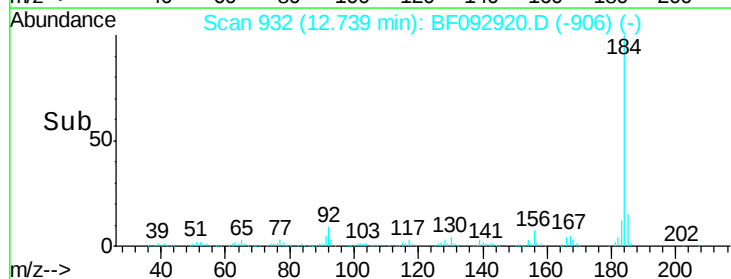
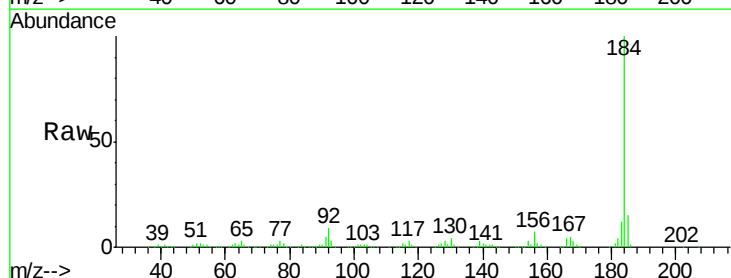
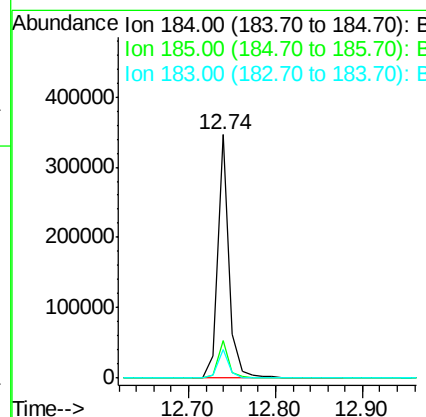
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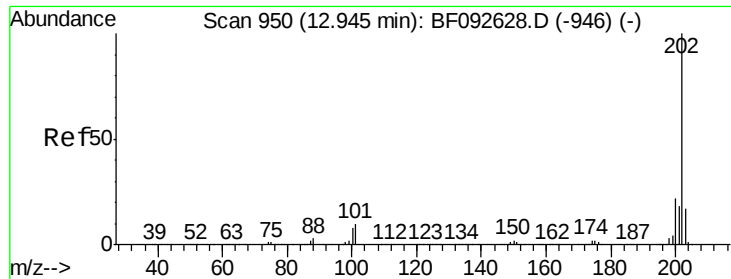
mohammad
2/14/2017 11:30:06 AM



#76
Benzidine
Concen: 16.15 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	318366		
185	15.2	13.4	20.0	
183	11.9	9.2	13.8	





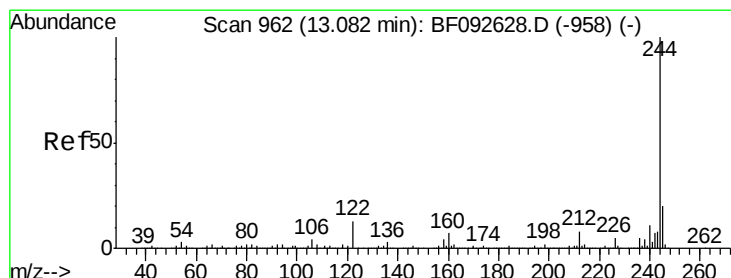
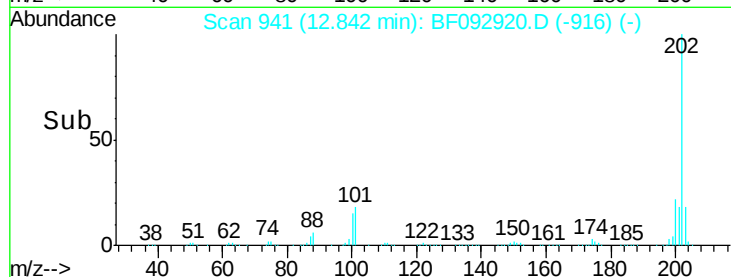
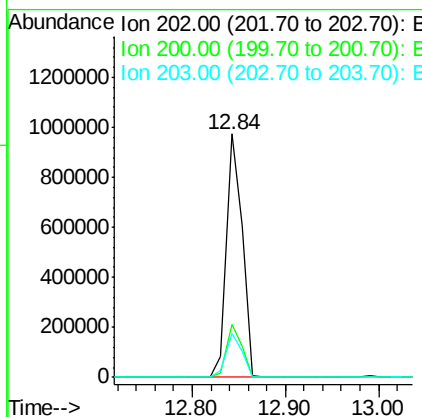
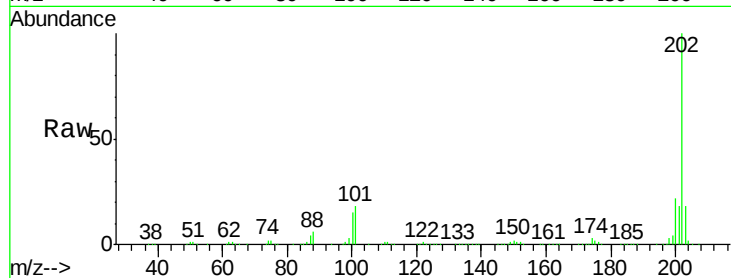
#77
 Pyrene
 Concen: 33.40 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.9	14.7	22.1

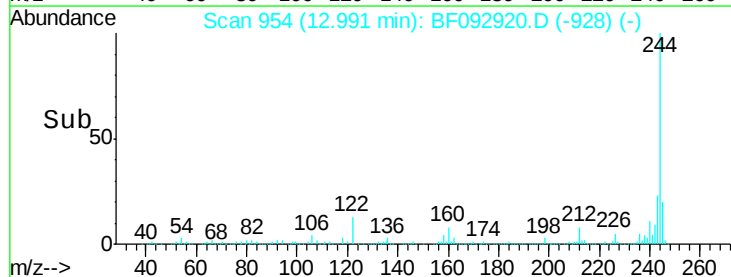
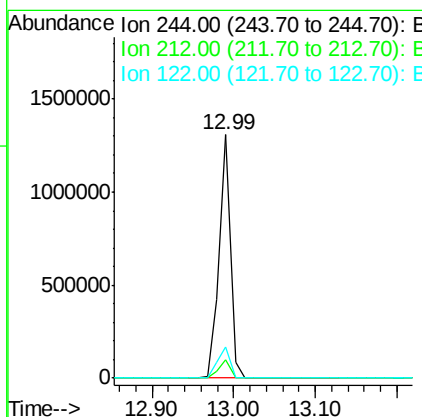
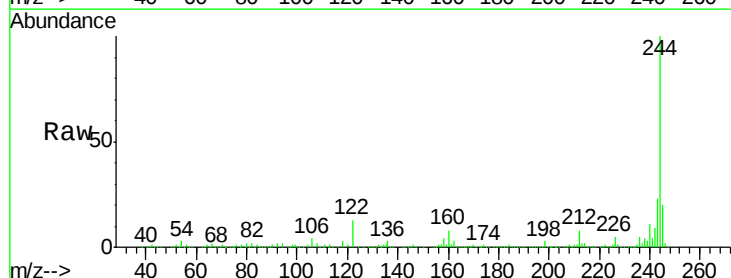
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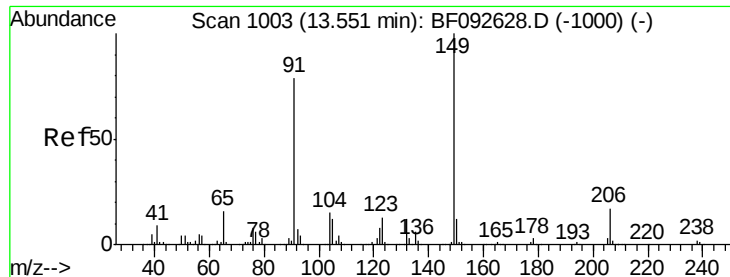
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#78
 Terphenyl-d14
 Concen: 64.14 ng
 RT: 12.99 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	12.6	11.4	17.2





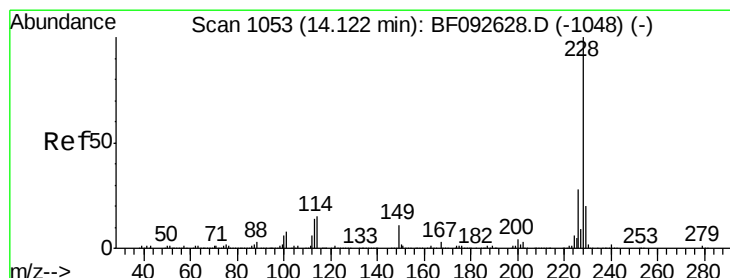
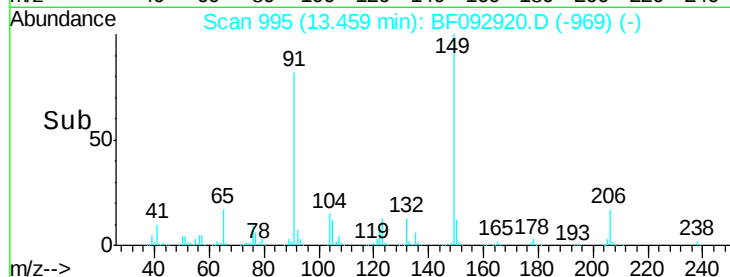
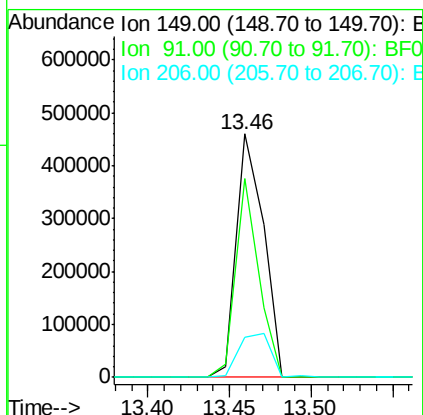
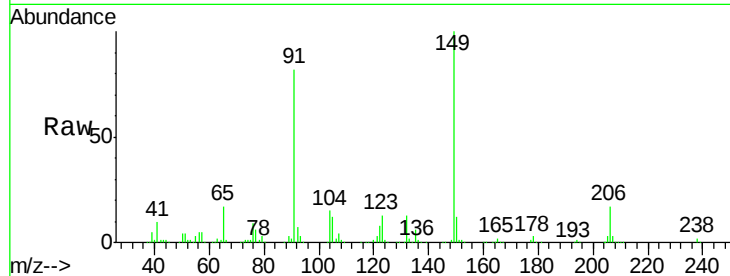
#79
Butylbenzylphthalate
Concen: 37.67 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	529612		
91	81.7	63.9	95.9	
206	16.6	14.6	21.8	

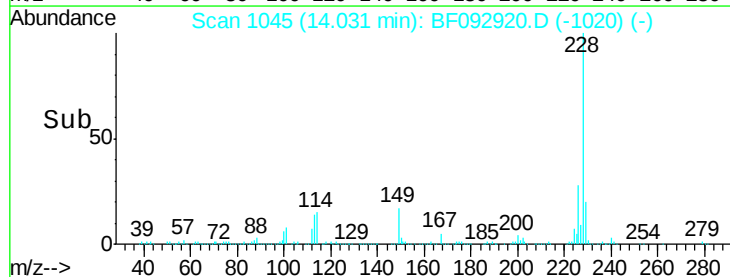
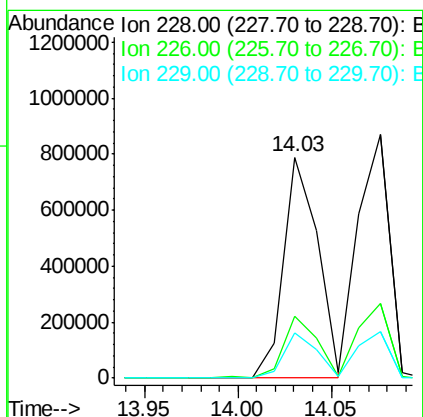
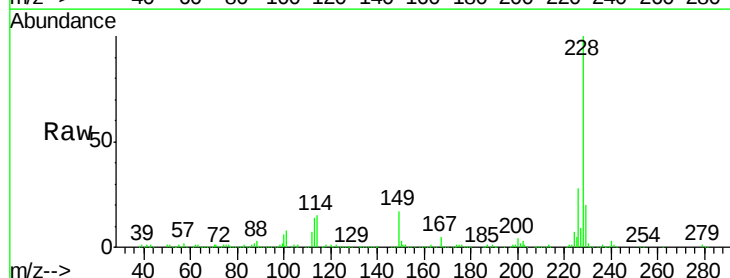
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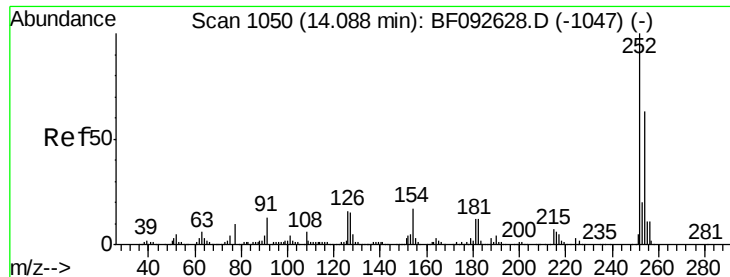
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#80
Benzo(a)anthracene
Concen: 35.51 ng
RT: 14.03 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1004635		
226	28.2	22.4	33.6	
229	20.2	16.2	24.4	





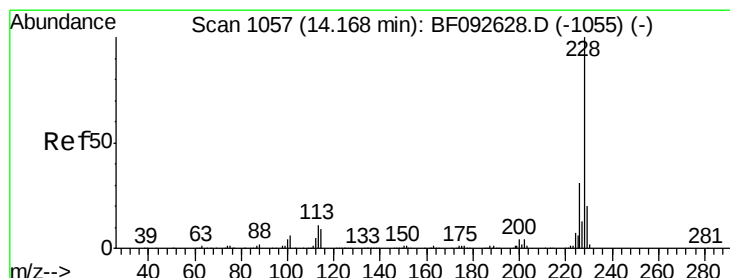
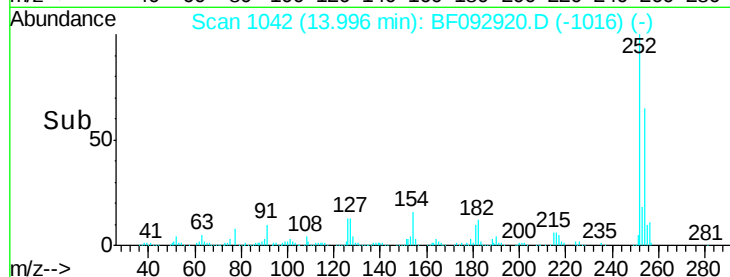
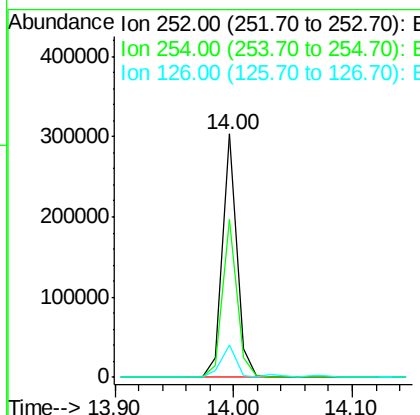
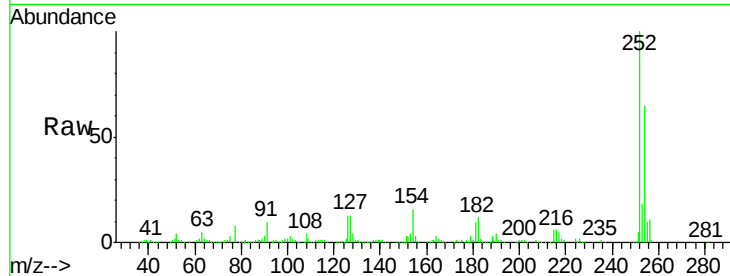
#81
 3,3'-Dichlorobenzidine
 Concen: 25.09 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.7	52.3	78.5
126	13.3	13.6	20.4

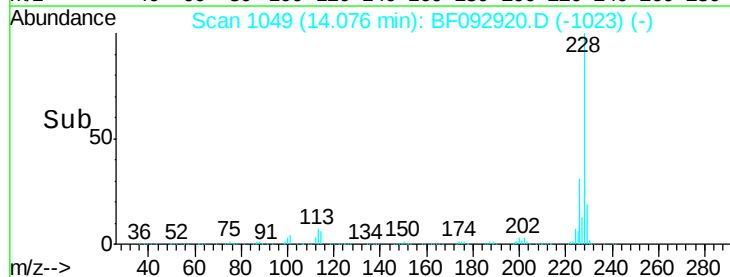
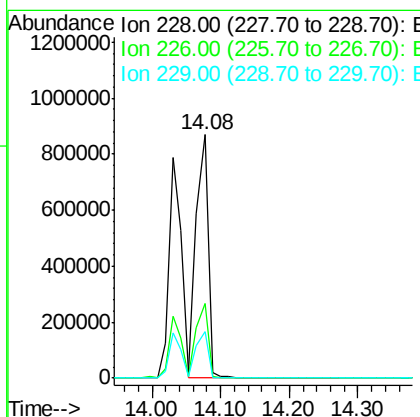
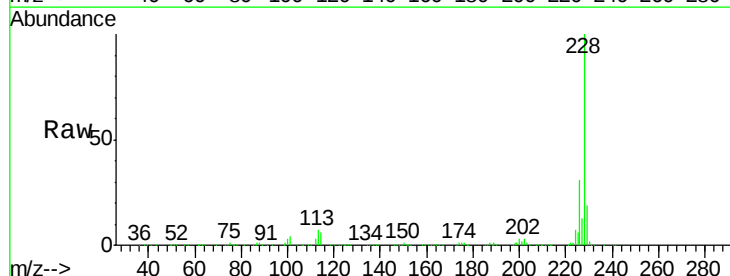
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#82
 Chrysene
 Concen: 38.65 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.7	25.4	38.0
229	19.2	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.57 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Instrument :

BNA_F

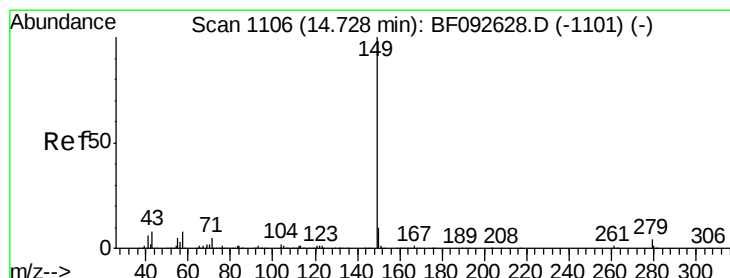
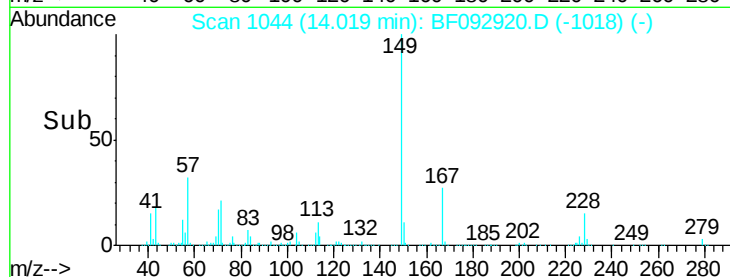
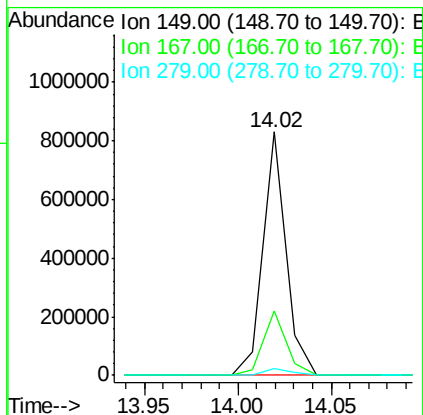
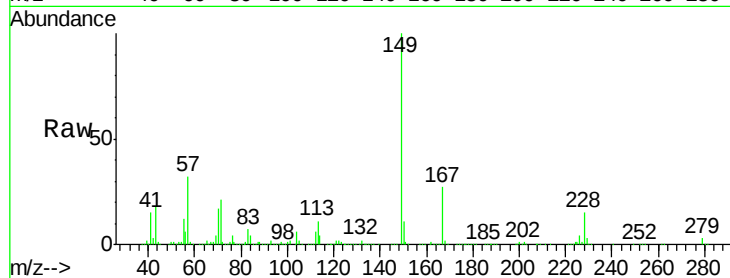
ClientSampleId :

PB96883BS

Tgt Ion:	149	Resp:	722397
Ion Ratio	Lower	Upper	
149	100		
167	26.6	20.2	30.4
279	2.7	1.8	2.8

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#84

Di-n-octyl phthalate

Concen: 43.73 ng

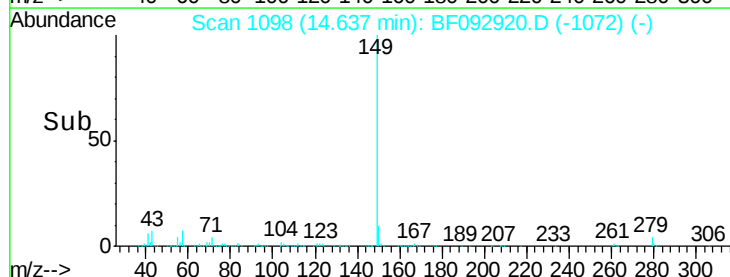
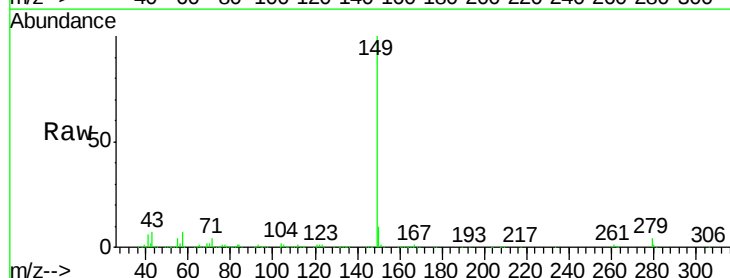
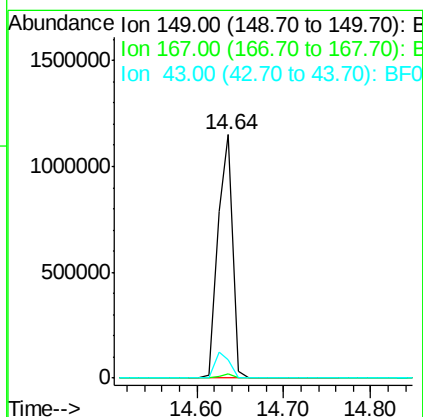
RT: 14.64 min Scan# 1098

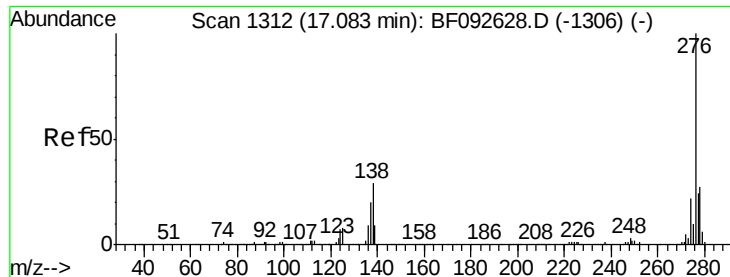
Delta R.T. -0.00 min

Lab File: BF092920.D

Acq: 13 Feb 2017 16:10

Tgt Ion:	149	Resp:	1369063
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	10.6	8.9	13.3





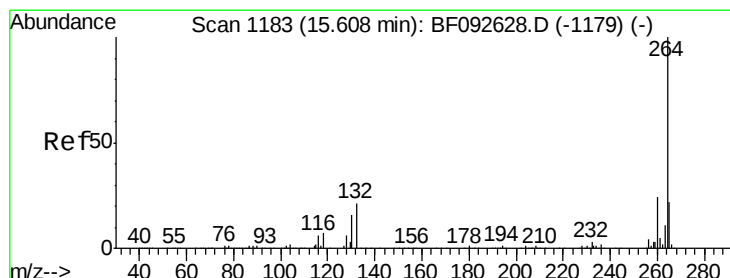
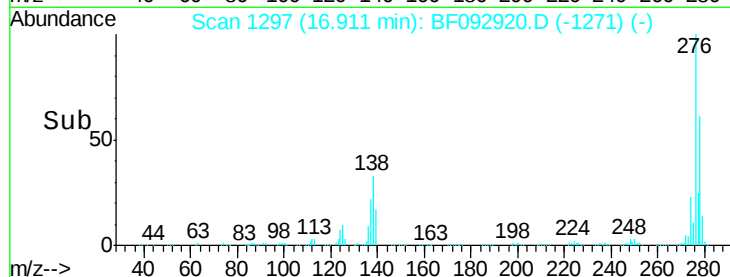
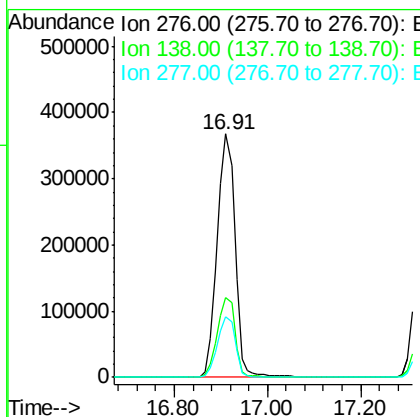
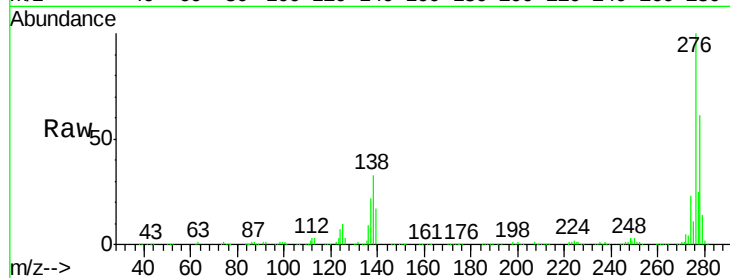
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.74 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.5	21.8	32.6
277	25.0	20.2	30.4

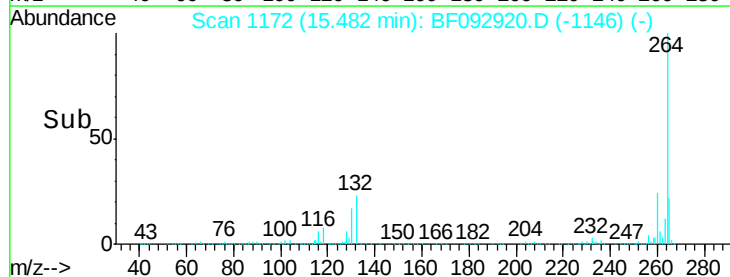
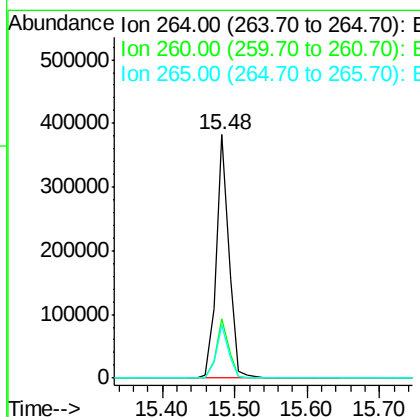
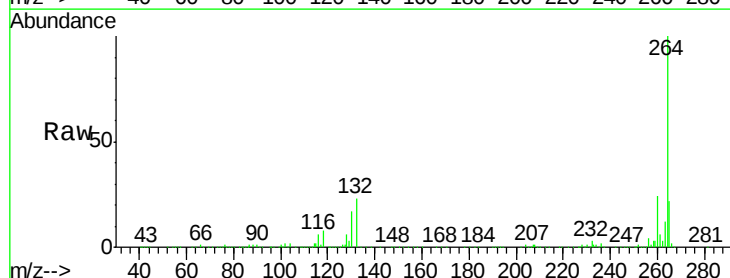
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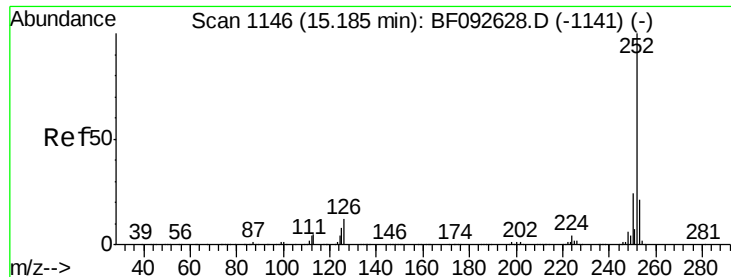
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	17.4	26.0





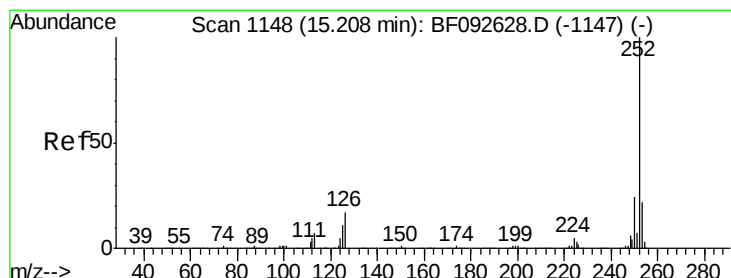
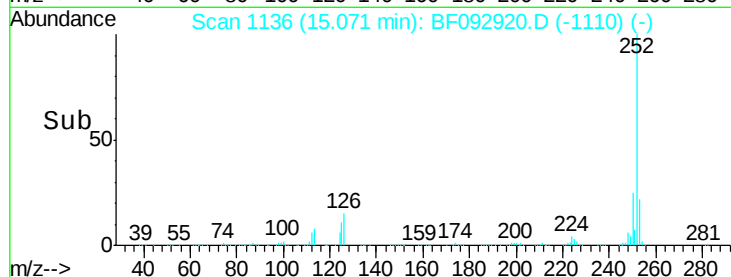
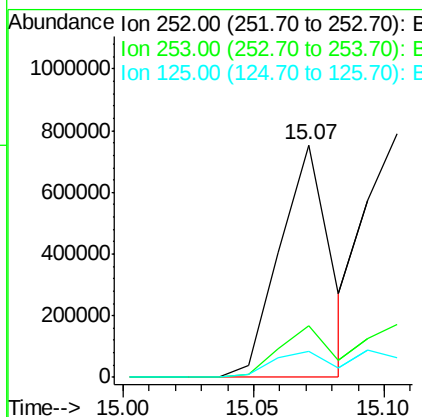
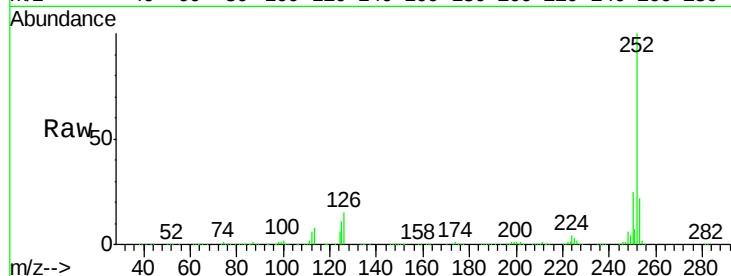
#87
Benzo(b)fluoranthene
Concen: 32.98 ng
RT: 15.07 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampled :
PB96883BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	11.3	9.8	14.6

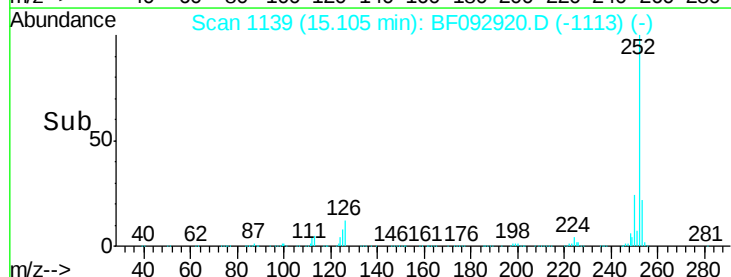
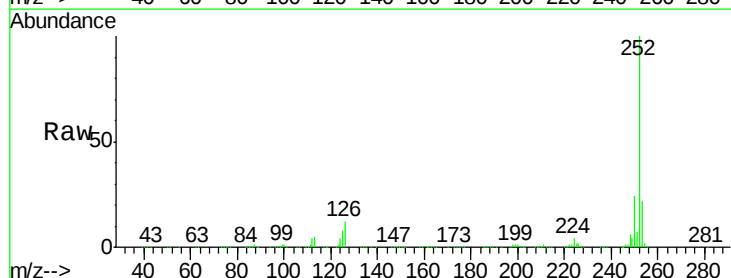
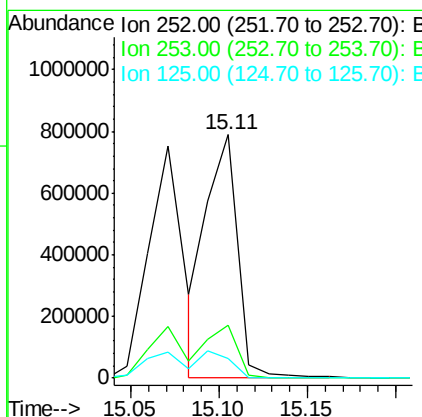
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#88
Benzo(k)fluoranthene
Concen: 37.40 ng m
RT: 15.11 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.5	27.7
125	8.2	8.9	13.3#





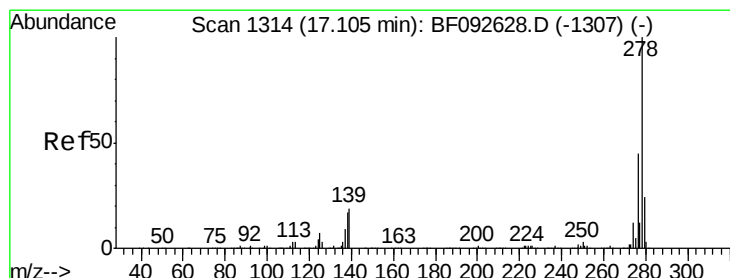
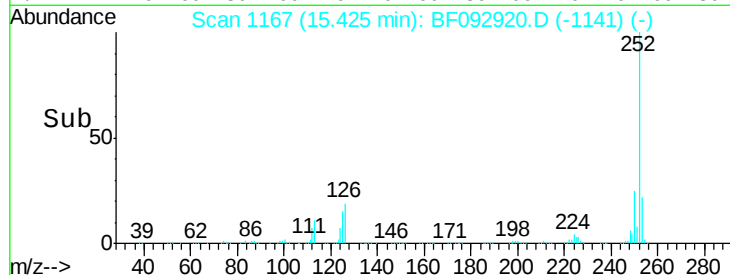
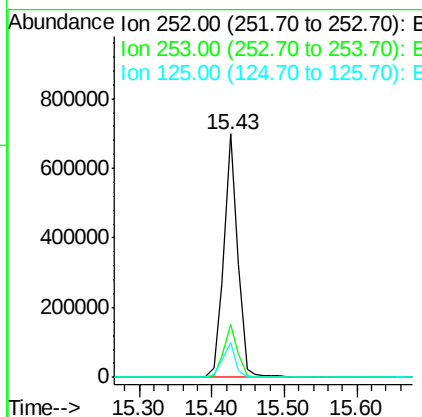
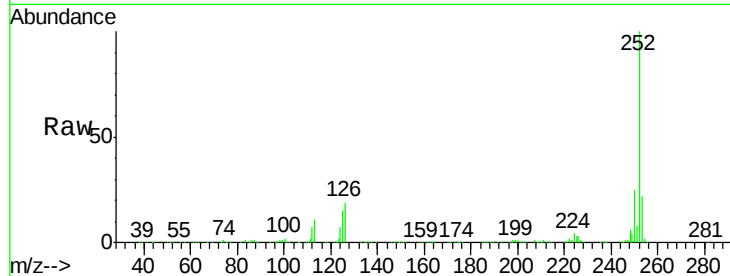
#89
Benzo(a)pyrene
Concen: 35.53 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Instrument :
BNA_F
ClientSampleId :
PB96883BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	14.5	10.0	15.0

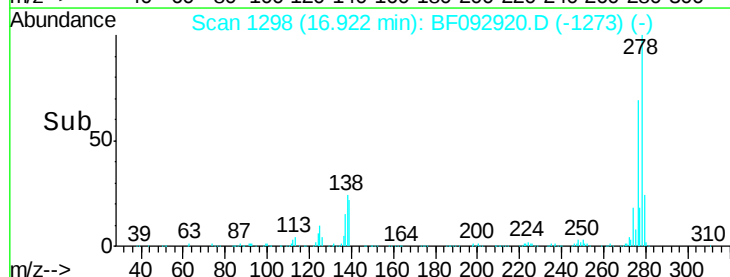
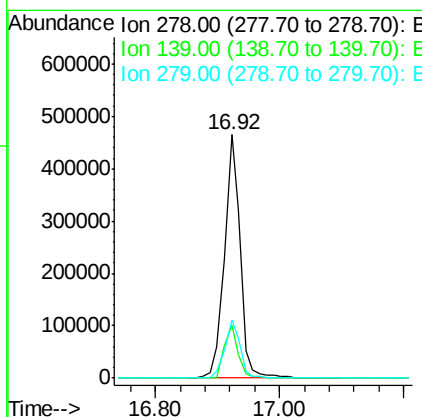
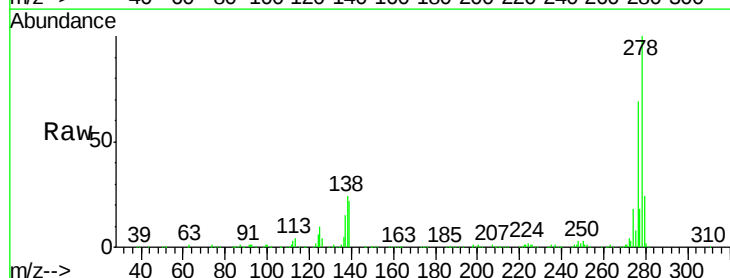
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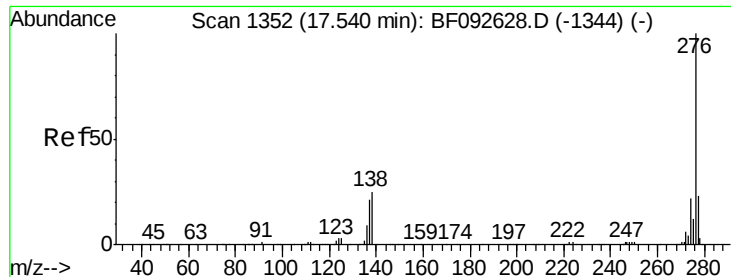
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#90
Dibenzo(a,h)anthracene
Concen: 38.18 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF092920.D
Acq: 13 Feb 2017 16:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.0	14.8	22.2
279	23.9	19.8	29.6





#91
 Benzo(g,h,i)perylene
 Concen: 39.51 ng
 RT: 17.35 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BF092920.D
 Acq: 13 Feb 2017 16:10

Instrument :
 BNA_F
 ClientSampleId :
 PB96883BS

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		850541		
277	23.9	19.2		28.8	
138	25.0	16.0		24.0	

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