

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092316\
 Data File : BF090198.D
 Acq On : 23 Sep 2016 15:28
 Operator : UM/SJ
 Sample : PB93576BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Manual Integrations
 APPROVED

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 9/26/2016 5:58:20 PM

Quant Time: Sep 26 09:20:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	127908	20.00	ng	-0.03
21) Naphthalene-d8	7.78	136	504611	20.00	ng	-0.03
38) Acenaphthene-d10	9.52	164	261217	20.00	ng	-0.03
63) Phenanthrene-d10	10.99	188	420513	20.00	ng	-0.03
75) Chrysene-d12	13.60	240	294077	20.00	ng	-0.03
86) Perylene-d12	14.93	264	272050	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.06	112	1157937	147.56	ng	-0.01
7) Phenol-d6	6.16	99	1431758	147.74	ng	-0.01
23) Nitrobenzene-d5	7.07	82	915697	105.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.31	330	320818	143.16	ng	-0.03
44) 2-Fluorobiphenyl	8.86	172	1500536	112.77	ng	-0.03
78) Terphenyl-d14	12.57	244	1185615	102.36	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	160866	37.78	ng	# 95
3) Pyridine	2.54	79	469564	50.86	ng	98
4) n-Nitrosodimethylamine	2.50	42	147802	53.64	ng	98
6) Aniline	6.16	93	127032	10.52	ng	# 18
8) 2-Chlorophenol	6.27	128	426187	47.20	ng	97
9) Benzaldehyde	6.02	77	43377	10.27	ng	95
10) Phenol	6.17	94	577963	50.45	ng	# 67
11) bis(2-Chloroethyl)ether	6.24	93	404056	45.23	ng	98
12) 1,3-Dichlorobenzene	6.43	146	477081	50.58	ng	# 96
13) 1,4-Dichlorobenzene	6.51	146	475714	49.40	ng	96
14) 1,2-Dichlorobenzene	6.66	146	430205m	50.14	ng	
15) Benzyl Alcohol	6.65	79	279221	48.32	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.80	45	509105	47.69	ng	99
17) 2-Methylphenol	6.78	107	367228	51.64	ng	97
18) Hexachloroethane	7.00	117	170829	49.73	ng	# 86
19) n-Nitroso-di-n-propylamine	6.94	70	321262	56.43	ng	96
20) 3+4-Methylphenols	6.94	107	471736	55.25	ng	94
22) Acetophenone	6.91	105	564741	46.41	ng	# 97
24) Nitrobenzene	7.08	77	436982	48.18	ng	94
25) Isophorone	7.34	82	886072	48.72	ng	97
26) 2-Nitrophenol	7.40	139	251912	56.40	ng	93
27) 2,4-Dimethylphenol	7.46	122	409127	51.56	ng	99
28) bis(2-Chloroethoxy)methane	7.55	93	563512	51.22	ng	99
29) 2,4-Dichlorophenol	7.66	162	366631	52.68	ng	98
30) 1,2,4-Trichlorobenzene	7.72	180	347002	49.91	ng	99
31) Naphthalene	7.80	128	1348872	56.14	ng	100
32) Benzoic acid	7.61	122	234944	43.13	ng	95
33) 4-Chloroaniline	7.86	127	58556	5.88	ng	96
34) Hexachlorobutadiene	7.93	225	192321	52.44	ng	97
35) Caprolactam	8.25	113	82831	35.96	ng	87
36) 4-Chloro-3-methylphenol	8.36	107	382457	48.62	ng	99
37) 2-Methylnaphthalene	8.49	142	769941	51.53	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	299565	49.96	ng	97
40) Hexachlorocyclopentadiene	8.65	237	307880	104.06	ng	98

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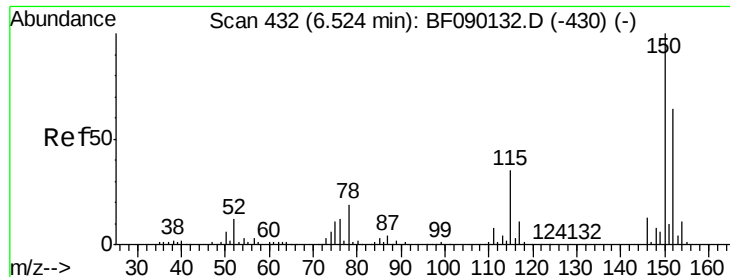
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Quant Time: Sep 26 09:20:40 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 20 17:58:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	229098	53.62	nq	100
43) 2,4,5-Trichlorophenol	8.82	196	228422	51.63	nq	# 88
45) 1,1'-Biphenyl	8.96	154	904216	48.38	nq	96
46) 2-Chloronaphthalene	8.97	162	730293	52.97	nq	98
47) 2-Nitroaniline	9.08	65	225211	54.18	nq	# 82
48) Acenaphthylene	9.38	152	1116067	49.85	nq	99
49) Dimethylphthalate	9.28	163	906681	54.50	nq	99
50) 2,6-Dinitrotoluene	9.32	165	184547	49.77	nq	92
51) Acenaphthene	9.55	154	647150	48.69	nq	99
52) 3-Nitroaniline	9.48	138	39035	8.98	nq	89
53) 2,4-Dinitrophenol	9.60	184	179710	86.38	nq	# 89
54) Dibenzofuran	9.72	168	964588	55.15	nq	95
55) 4-Nitrophenol	9.68	139	275634	92.54	nq	83
56) 2,4-Dinitrotoluene	9.72	165	227108	51.79	nq	91
57) Fluorene	10.07	166	720474	54.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	190456	57.50	nq	97
59) Diethylphthalate	9.96	149	796037	49.54	nq	100
60) 4-Chlorophenyl-phenylether	10.07	204	303698	50.53	nq	90
61) 4-Nitroaniline	10.10	138	189765	42.83	nq	90
62) Azobenzene	10.23	77	993342	59.39	nq	94
64) 4,6-Dinitro-2-methylphenol	10.14	198	142245	54.01	nq	93
65) n-Nitrosodiphenylamine	10.19	169	754637	54.57	nq	100
66) 4-Bromophenyl-phenylether	10.55	248	202656	48.98	nq	# 82
67) Hexachlorobenzene	10.60	284	244776	50.75	nq	# 83
68) Atrazine	10.73	200	231536	61.10	nq	98
69) Pentachlorophenol	10.81	266	280778	102.57	nq	100
70) Phenanthrene	11.02	178	1125230	57.22	nq	99
71) Anthracene	11.06	178	1081376	52.43	nq	99
72) Carbazole	11.22	167	1094029	50.17	nq	98
73) Di-n-butylphthalate	11.58	149	1299077	51.23	nq	99
74) Fluoranthene	12.19	202	1198861	56.79	nq	90
76) Benzidine	12.32	184	188593	19.16	nq	97
77) Pyrene	12.41	202	1068106	53.08	nq	100
79) Butylbenzylphthalate	13.05	149	546382	55.51	nq	# 79
80) Benzo(a)anthracene	13.59	228	932342	58.93	nq	99
81) 3,3'-Dichlorobenzidine	13.57	252	145071	22.23	nq	# 96
82) Chrysene	13.63	228	868681	56.36	nq	100
83) Bis(2-ethylhexyl)phthalate	13.62	149	705517	56.01	nq	99
84) Di-n-octyl phthalate	14.23	149	1266356	58.36	nq	99
85) Indeno(1,2,3-cd)pyrene	16.08	276	849995	68.21	nq	97
87) Benzo(b)fluoranthene	14.58	252	822510m	54.60	nq	
88) Benzo(k)fluoranthene	14.61	252	716843m	50.70	nq	
89) Benzo(a)pyrene	14.87	252	767536	54.16	nq	# 94
90) Dibenzo(a,h)anthracene	16.09	278	695741	62.92	nq	98
91) Benzo(g,h,i)perylene	16.42	276	733467	67.77	nq	94

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



#1

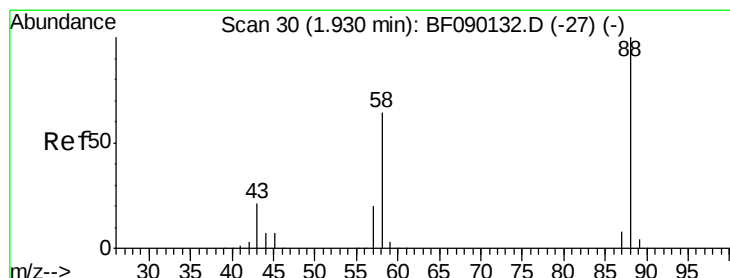
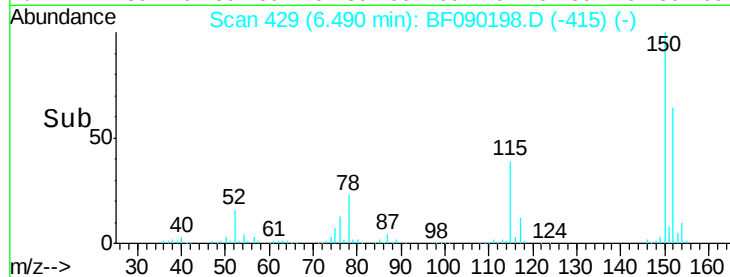
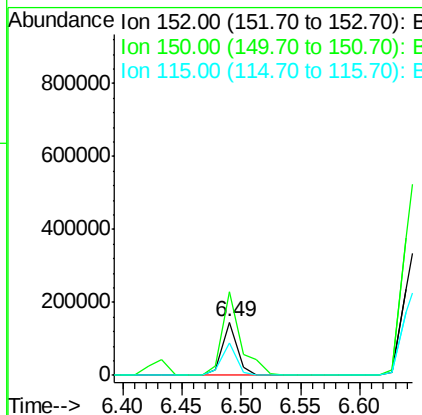
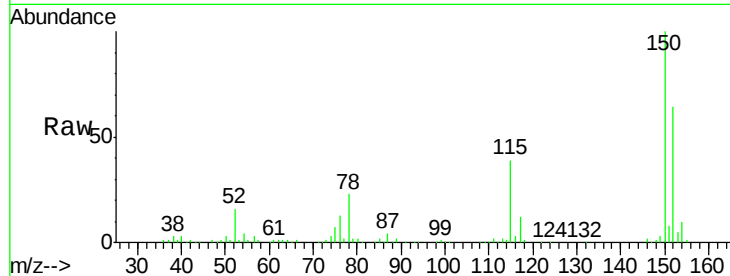
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampled :
PB93576BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	128.9	193.3
115	61.4	55.5	83.3

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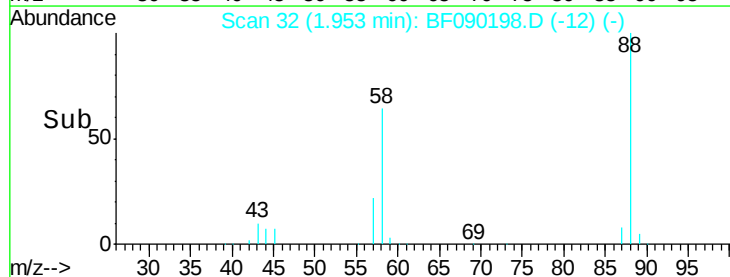
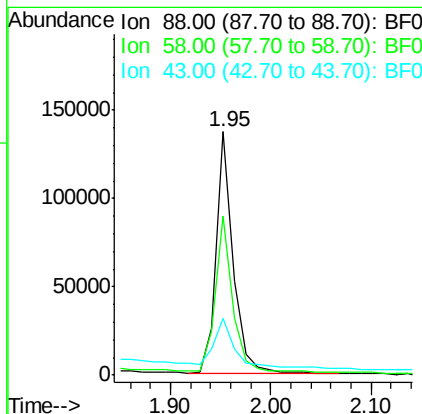
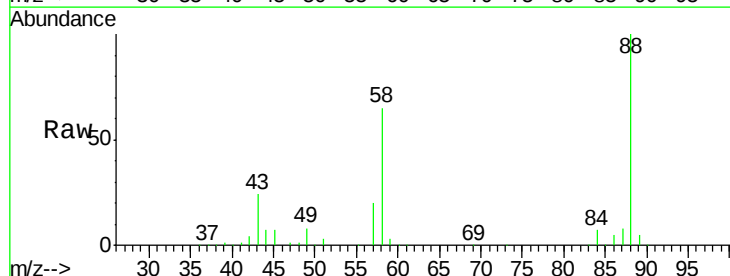
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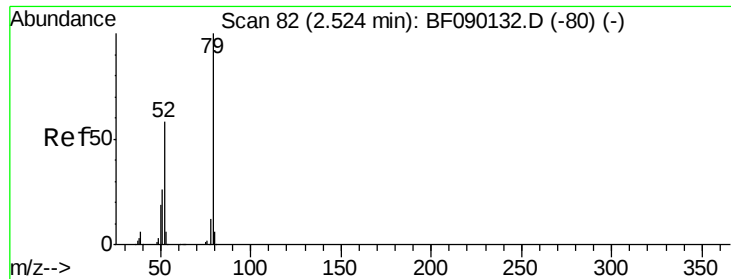


#2

1,4-Dioxane
Concen: 37.78 ng
RT: 1.95 min Scan# 32
Delta R.T. 0.02 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.4	53.4	80.0
43	29.3	16.5	24.7





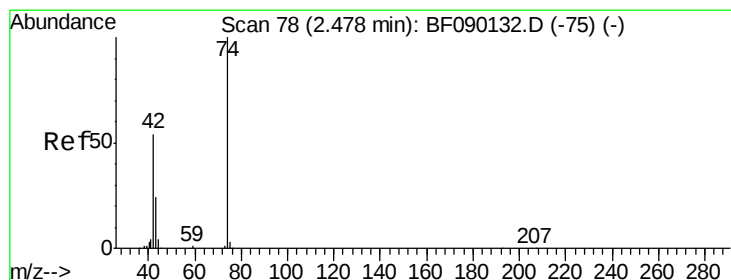
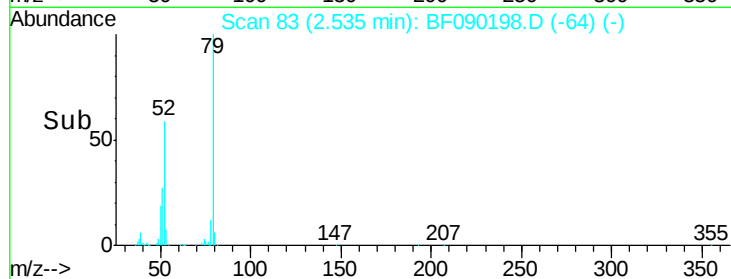
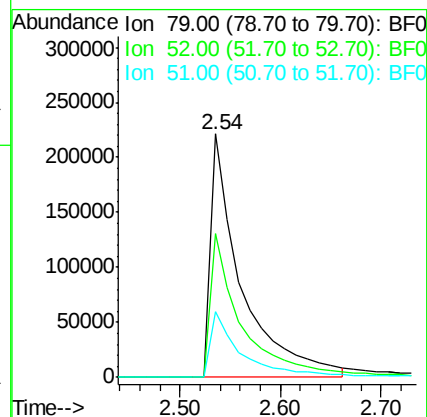
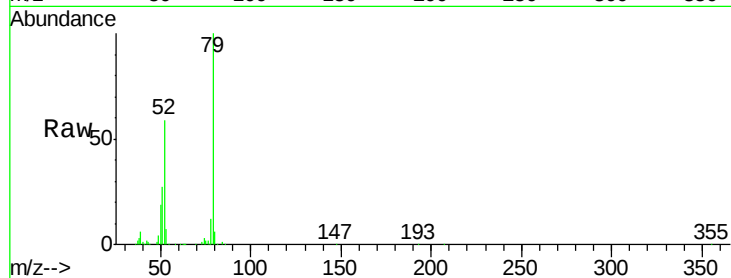
#3
 Pvridine
 Concen: 50.86 ng
 RT: 2.54 min Scan# 83
 Delta R.T. 0.01 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100			
52	52	59.2		45.9	68.9
51	51	27.1		21.3	31.9

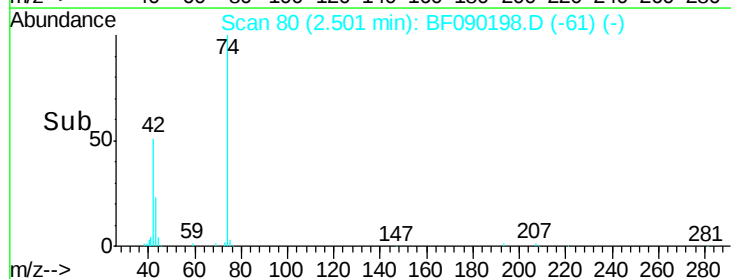
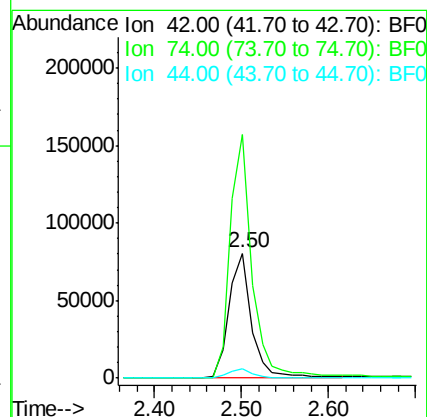
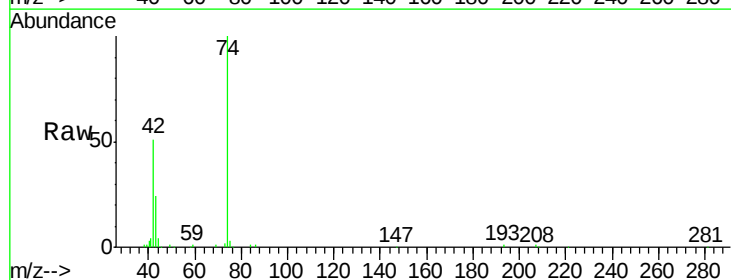
Manual Integrations
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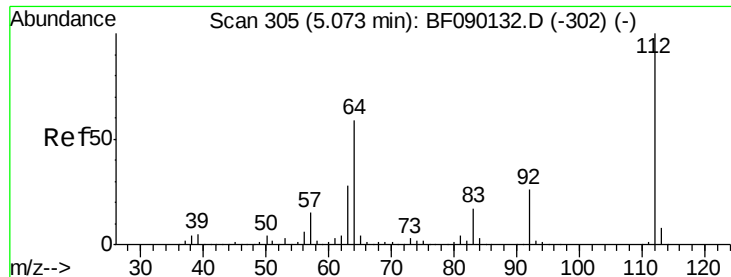
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#4
 n-Nitrosodimethylamine
 Concen: 53.64 ng
 RT: 2.50 min Scan# 80
 Delta R.T. 0.02 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100			
74	74	194.6		158.7	238.1
44	44	7.8		6.4	9.6





#5

2-Fluorophenol

Concen: 147.56 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

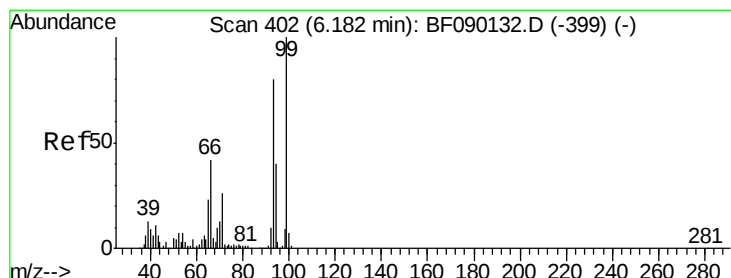
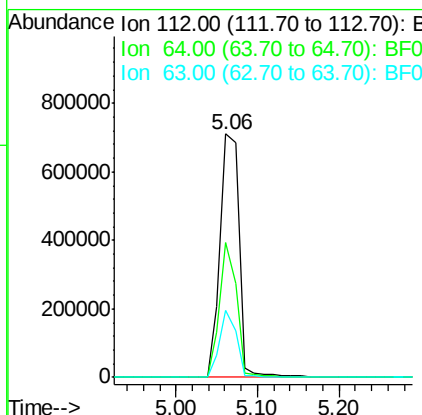
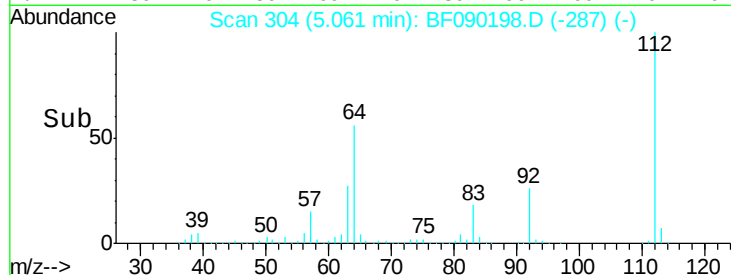
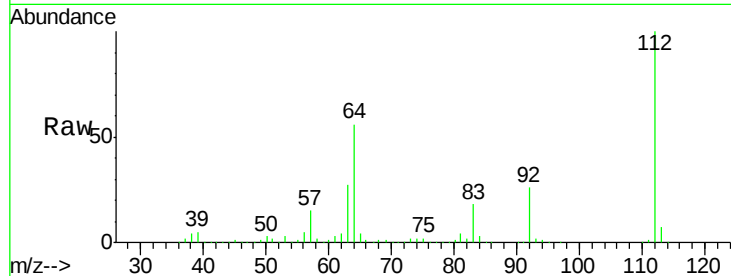
ClientSampleId :

PB93576BS

Tot Ion:	112	Resp:	1157937
Ion Ratio	Lower	Upper	
112	100		
64	55.5	39.8	59.6
63	27.3	18.9	28.3

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#6

Aniline

Concen: 10.52 ng

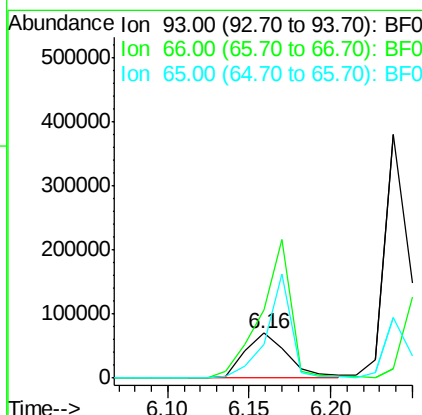
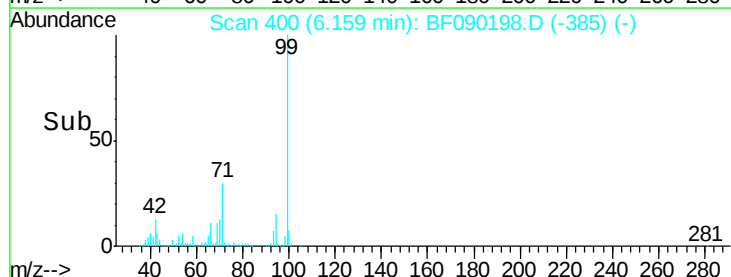
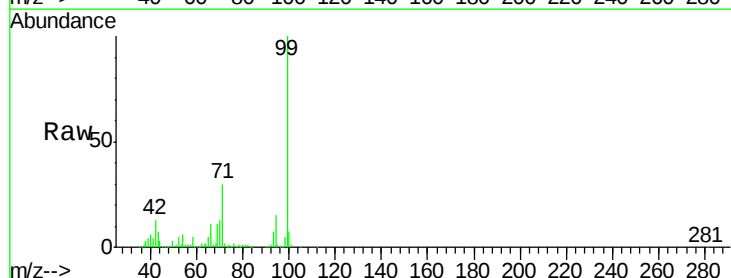
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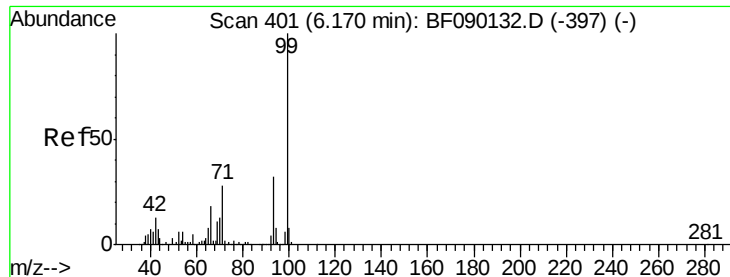
Delta R.T. -0.02 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Tgt Ion:	93	Resp:	127032
Ion Ratio	Lower	Upper	
93	100		
66	150.7	54.2	81.2#
65	73.5	33.8	50.6#





#7

Phenol-d6

Concen: 147.74 ng

RT: 6.16 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

ClientSampleId :

PB93576BS

Tot Ion: 99 Resp: 1431758

Ion Ratio Lower Upper

99 100

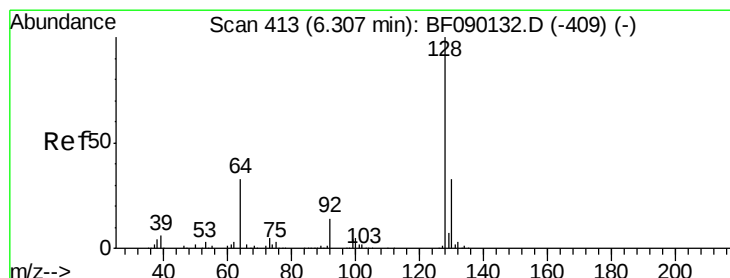
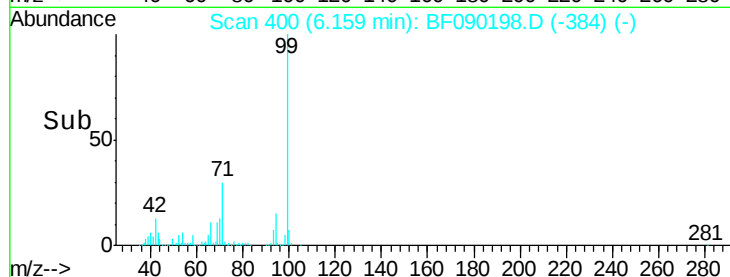
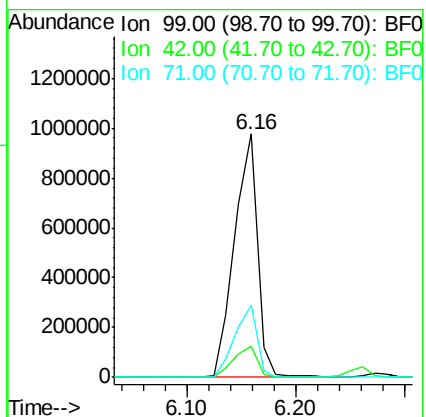
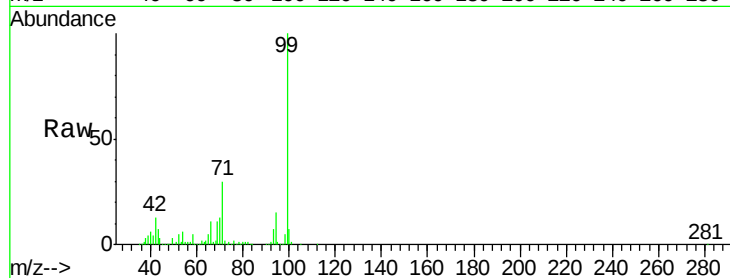
42 12.7 10.6 15.8

71 29.6 23.0 34.6

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#8

2-Chlorophenol

Concen: 47.20 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

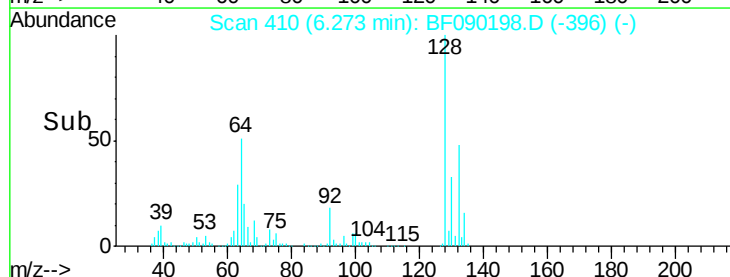
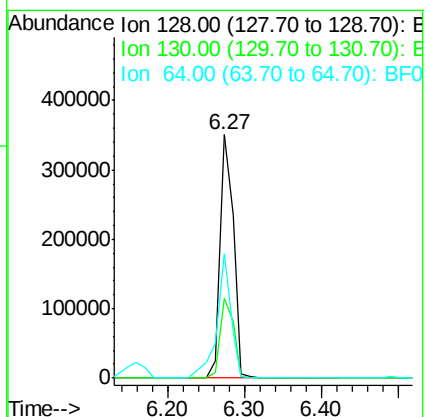
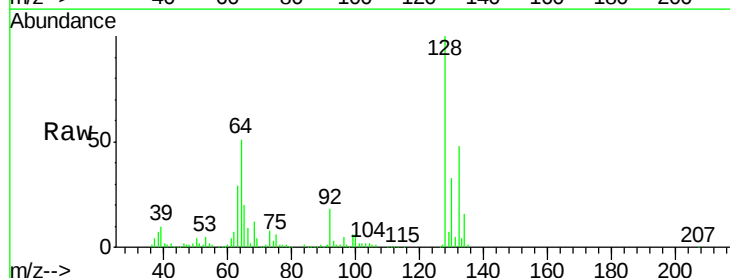
Tgt Ion: 128 Resp: 426187

Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

64 51.1 33.6 73.6





#9

Benzaldehyde

Concen: 10.27 ng

RT: 6.02 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

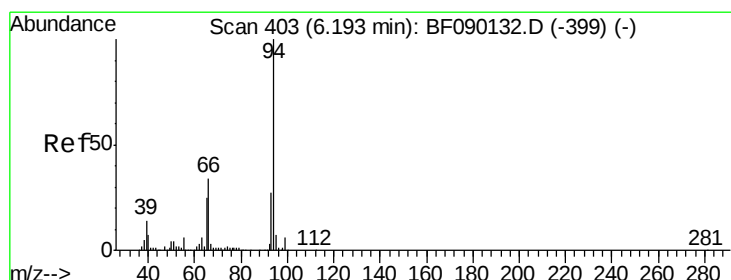
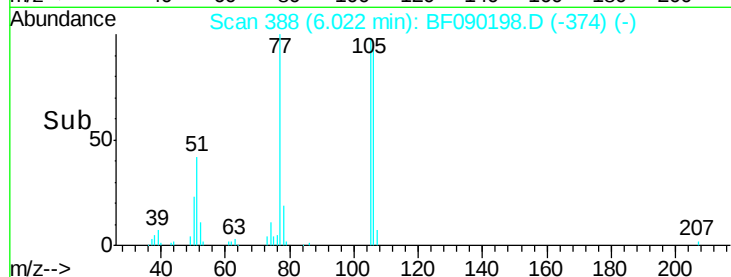
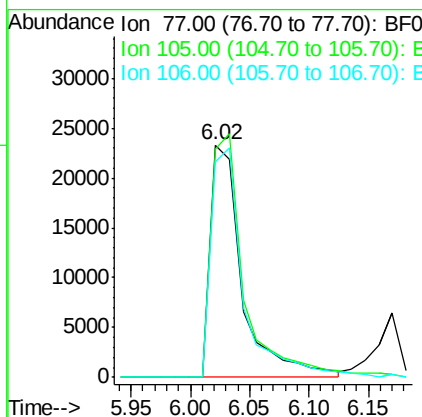
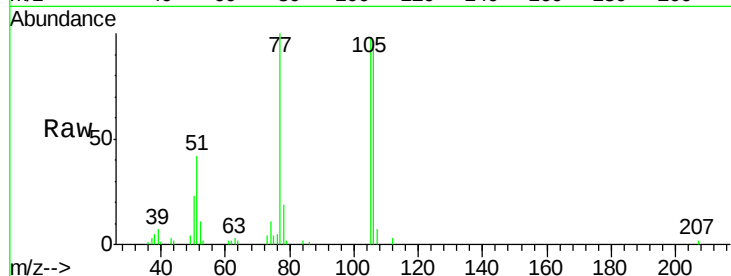
ClientSampleId :

PB93576BS

Tot Ion:	77	Resp:	43377
Ion	Ratio	Lower	Upper
77	100		
105	98.1	83.0	123.0
106	92.8	78.5	118.5

Manual Integrations
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#10

Phenol

Concen: 50.45 ng

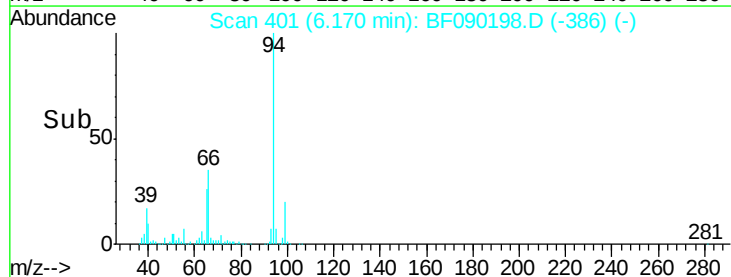
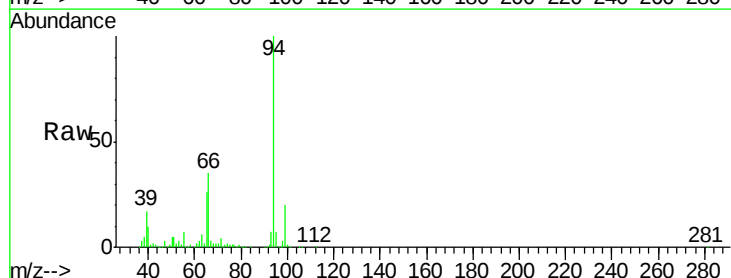
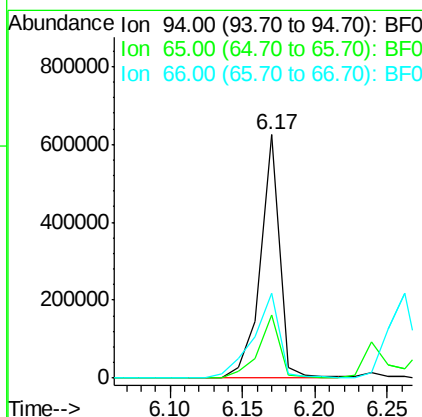
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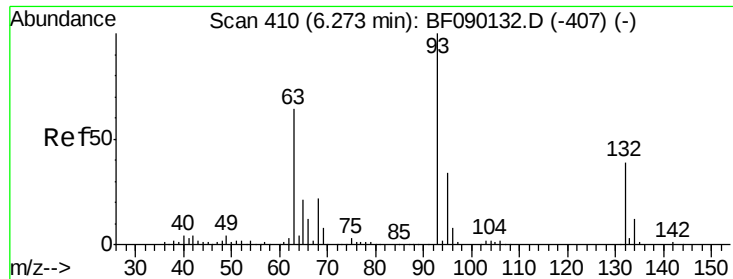
Delta R.T. -0.02 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Tgt Ion:	94	Resp:	577963
Ion	Ratio	Lower	Upper
94	100		
65	25.8	20.6	60.6
66	34.6	45.1	85.1#





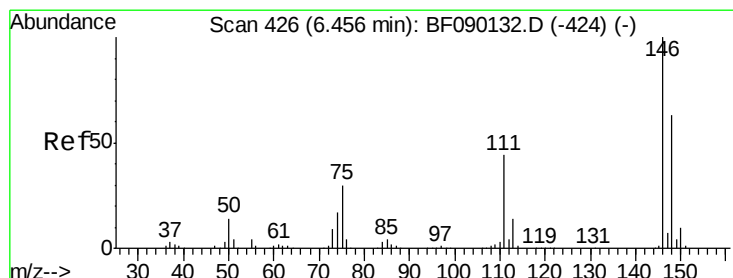
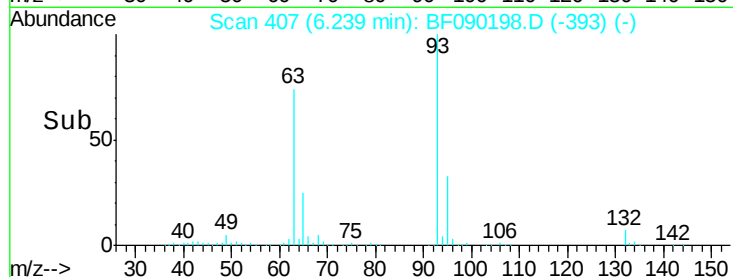
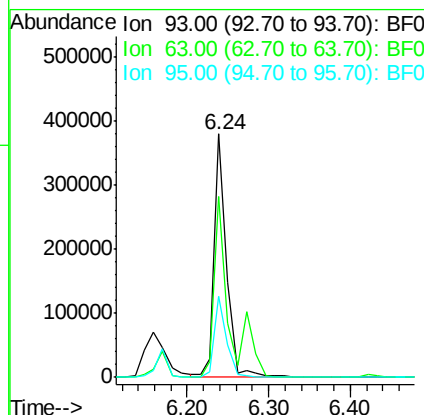
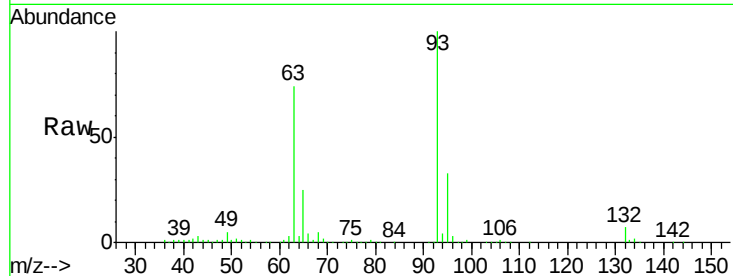
#11
bis(2-Chloroethyl)ether
Concen: 45.23 ng
RT: 6.24 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	404056		
63	74.1	55.6	95.6	
95	33.2	12.6	52.6	

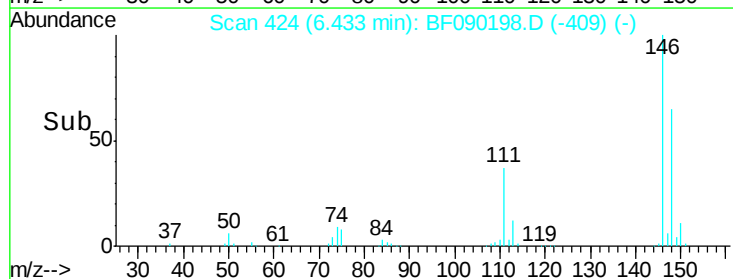
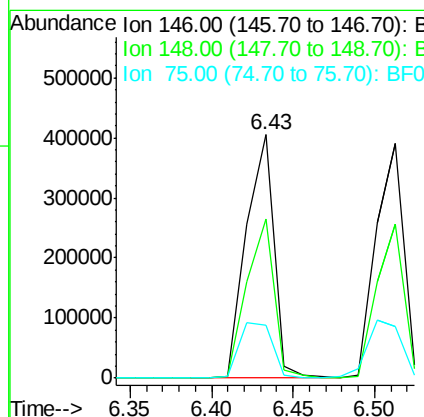
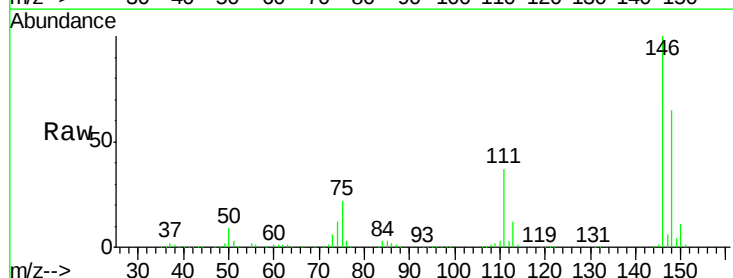
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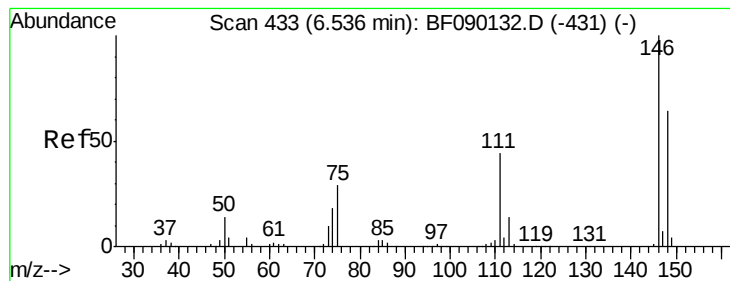
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#12
1,3-Dichlorobenzene
Concen: 50.58 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	477081		
148	65.3	51.9	77.9	
75	21.5	22.8	34.2	





#13

1,4-Dichlorobenzene

Concen: 49.40 ng

RT: 6.51 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

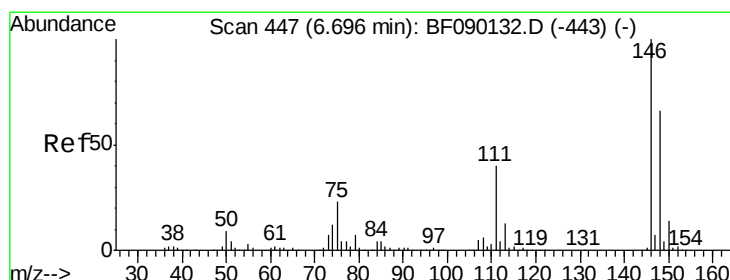
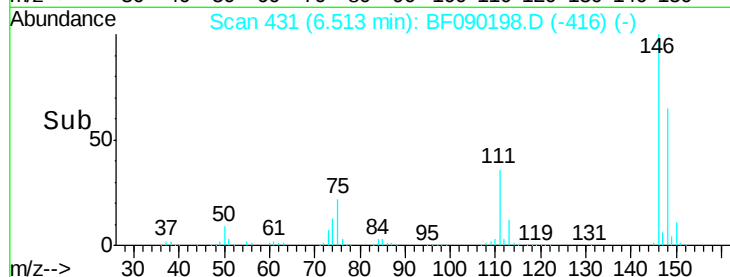
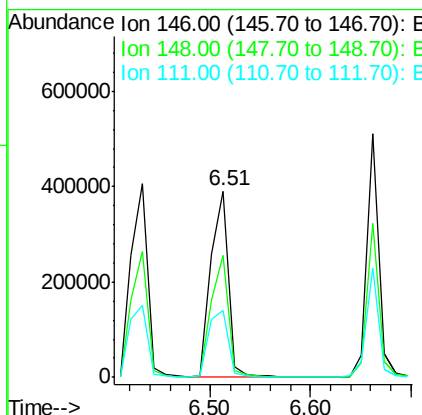
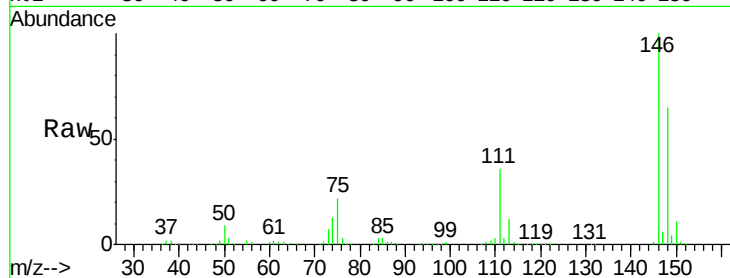
ClientSampled :

PB93576BS

Tot Ion:	146	Resp:	475714
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.0	78.0
111	36.1	33.8	50.6

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#14

1,2-Dichlorobenzene

Concen: 50.14 ng m

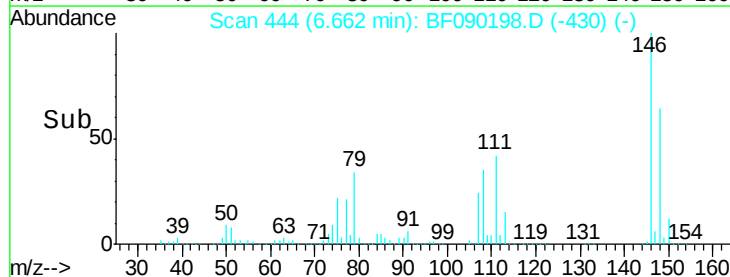
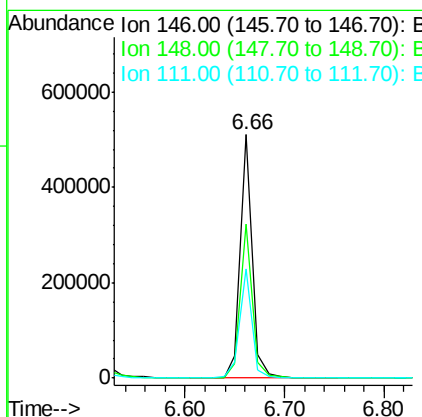
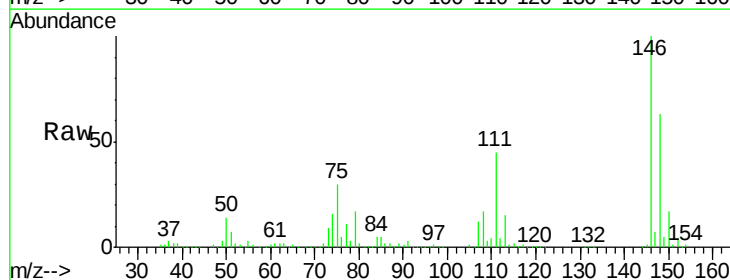
RT: 6.66 min Scan# 444

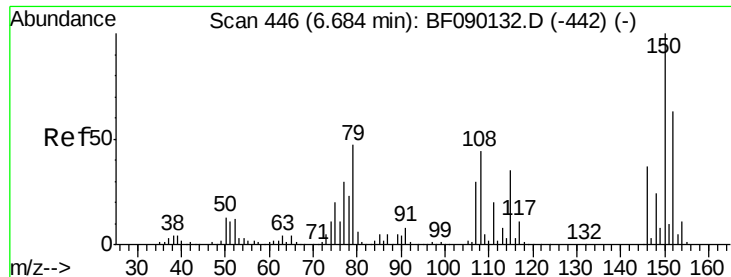
Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Tgt Ion:	146	Resp:	430205
Ion Ratio	Lower	Upper	
146	100		
148	63.3	52.6	79.0
111	44.9	28.2	42.2#





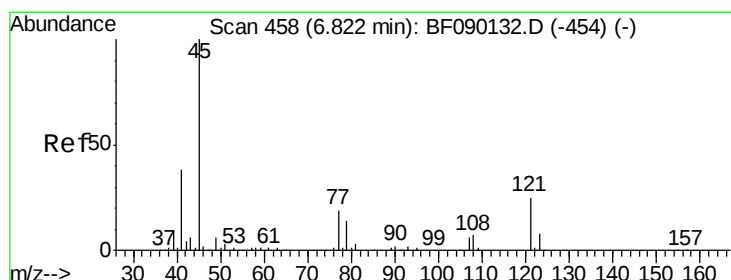
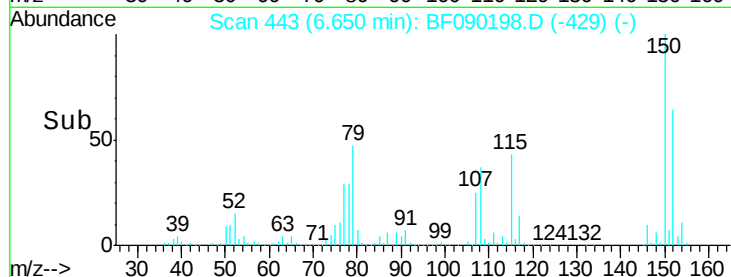
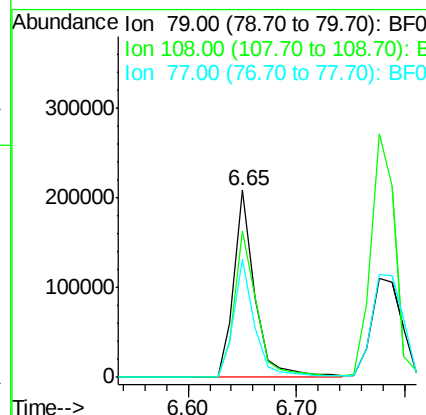
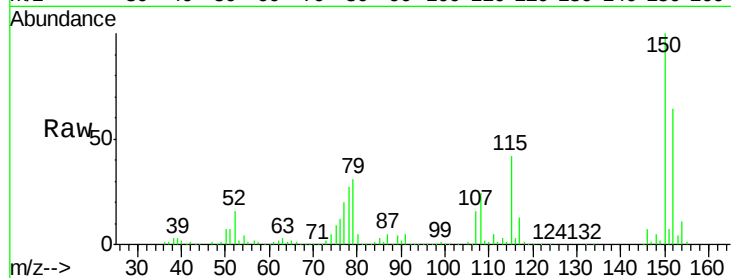
#15
Benzyl Alcohol
Concen: 48.32 ng
RT: 6.65 min Scan# 443
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.3	62.2	93.4	
77	63.1	51.4	77.0	

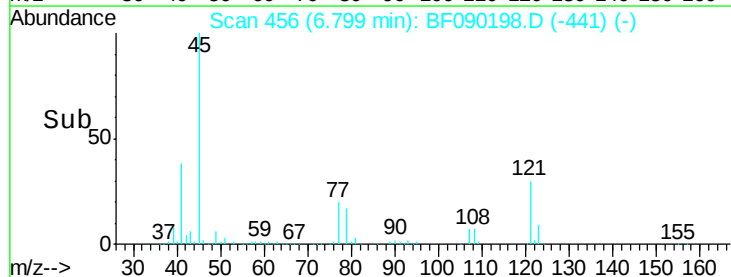
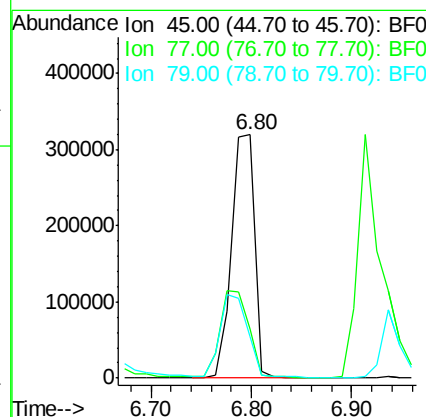
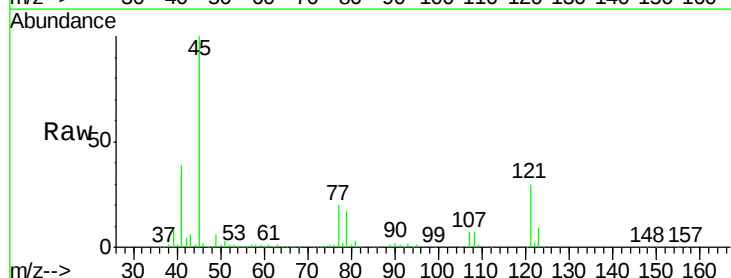
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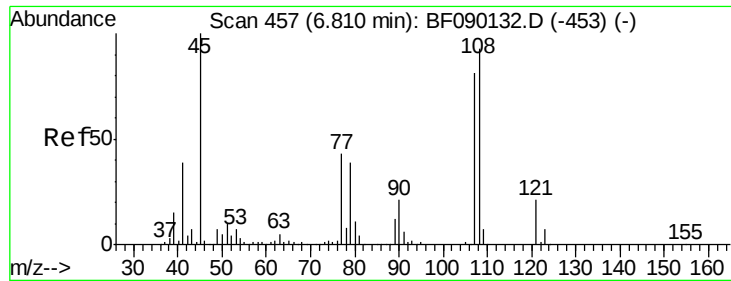
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.69 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	20.0	0.5	40.5	
79	17.0	0.0	37.0	





#17

2-Methylphenol

Concen: 51.64 ng

RT: 6.78 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

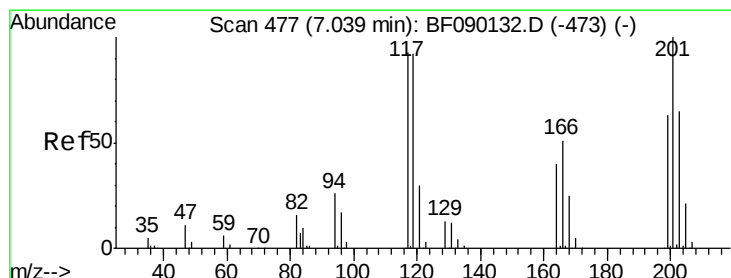
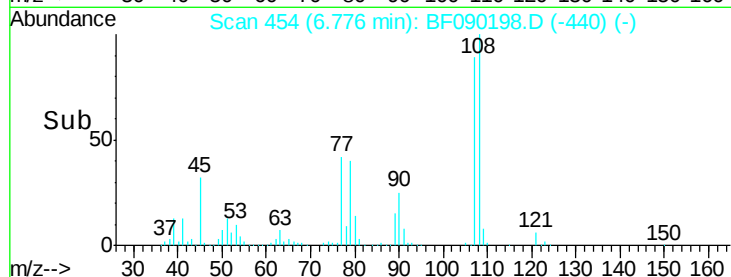
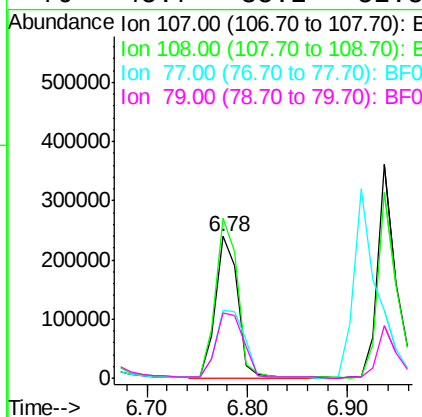
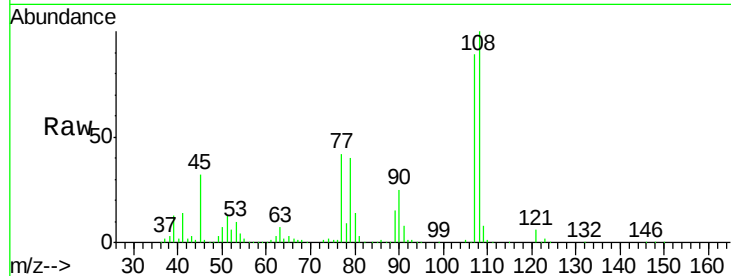
ClientSampled :

PB93576BS

Tot Ion:	107	Resp:	367228
Ion Ratio	Lower	Upper	
107	100		
108	113.0	92.0	138.0
77	47.6	35.6	53.4
79	45.7	35.2	52.8

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#18

Hexachloroethane

Concen: 49.73 ng

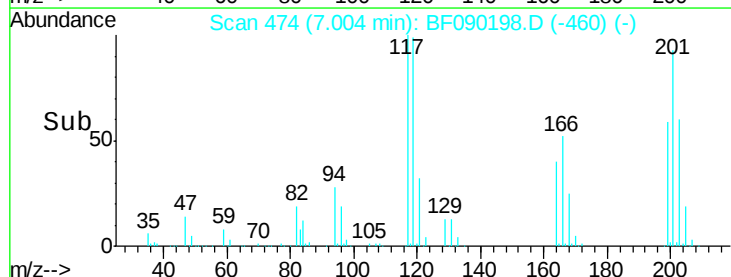
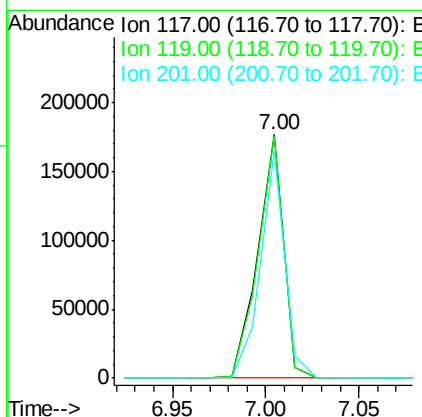
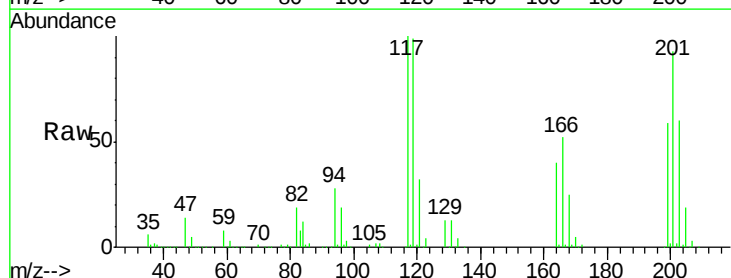
RT: 7.00 min Scan# 474

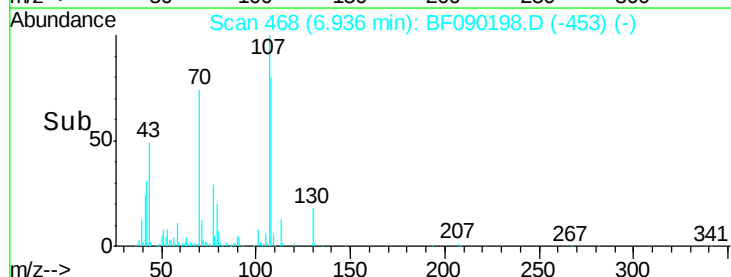
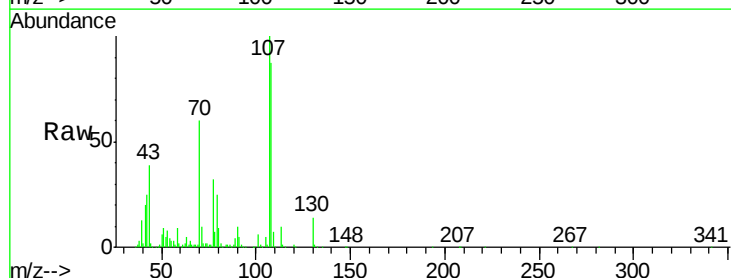
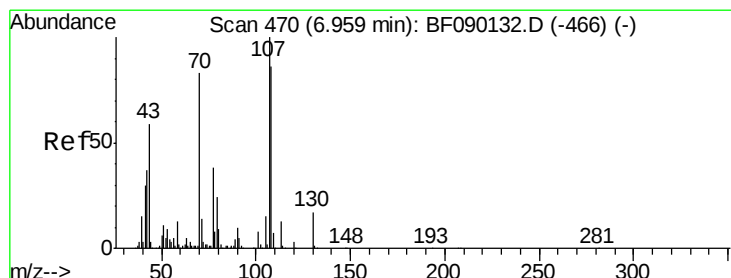
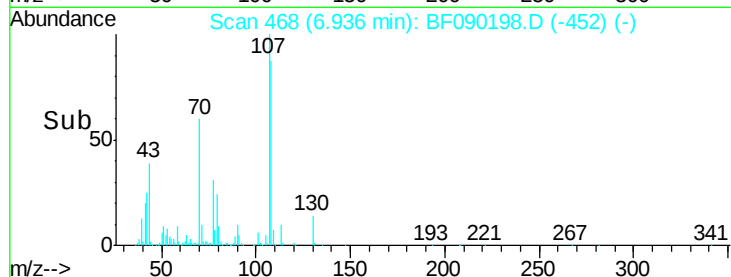
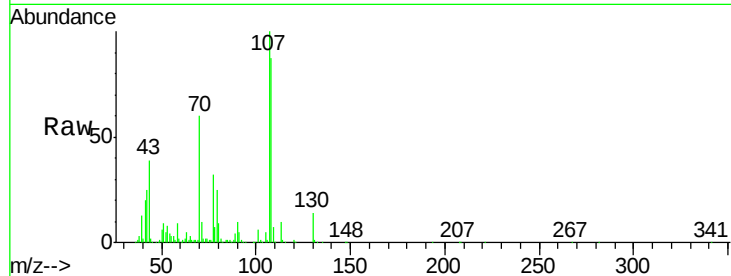
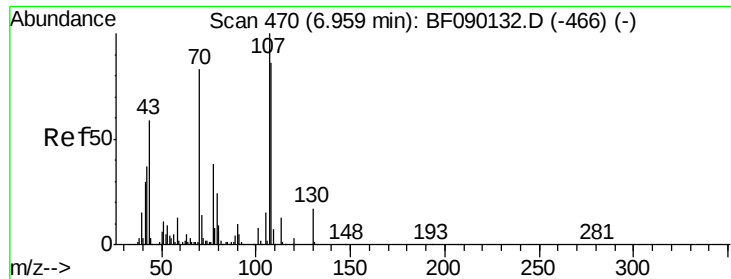
Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Tgt Ion:	117	Resp:	170829
Ion Ratio	Lower	Upper	
117	100		
119	99.3	76.6	115.0
201	93.5	55.5	83.3#





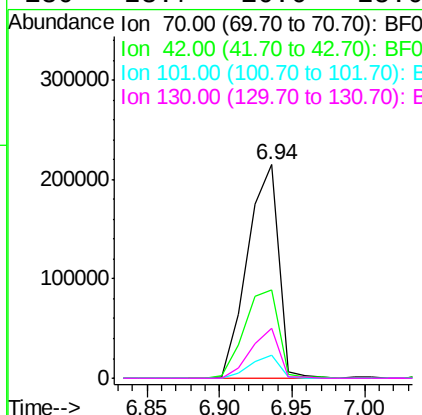
#19
n-Nitroso-di-n-propylamine
Concen: 56.43 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.6	35.1	52.7
101	10.6	7.5	11.3
130	23.7	16.6	25.0

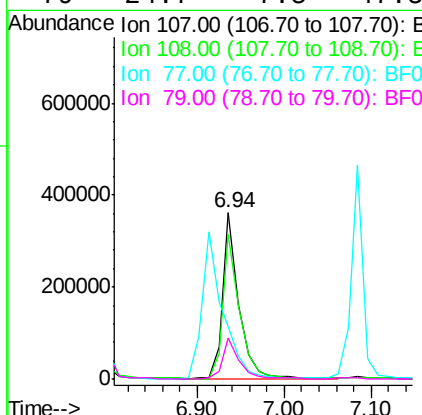
Manual Integrations
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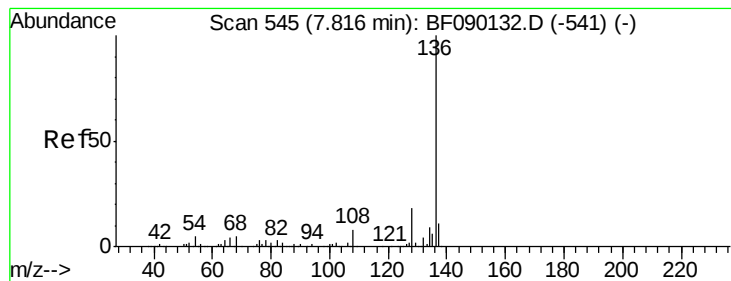
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#20
3+4-Methylphenols
Concen: 55.25 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	73.3	113.3
77	31.6	14.1	54.1
79	24.7	7.5	47.5





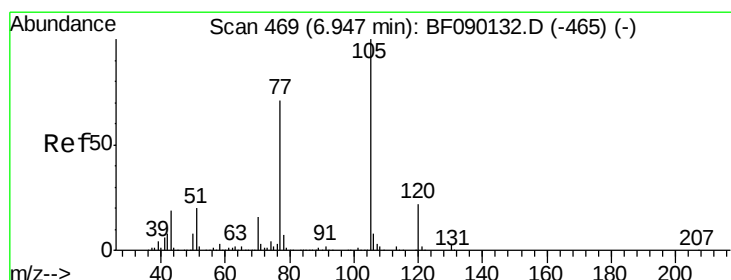
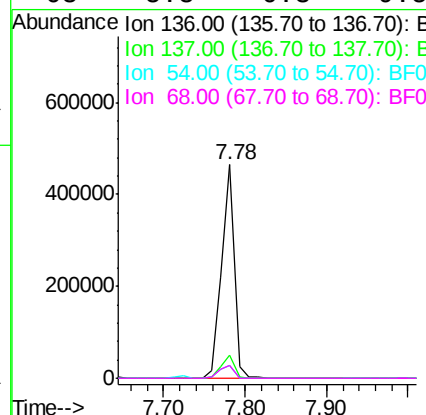
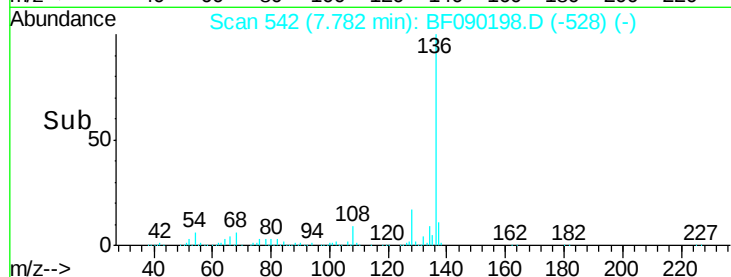
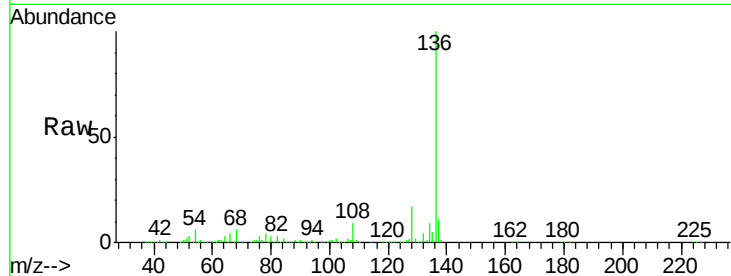
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.0	13.4	
54	5.8	6.4	9.6	
68	5.8	6.3	9.5	

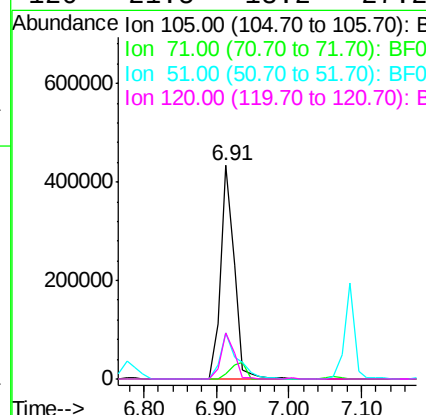
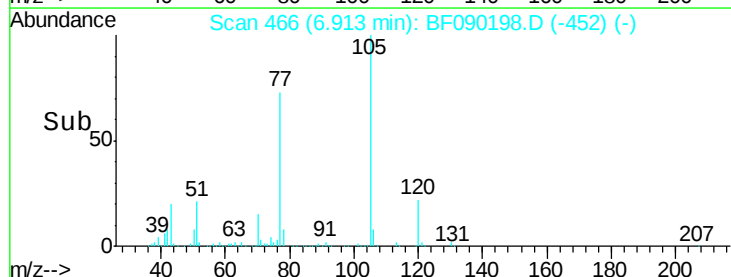
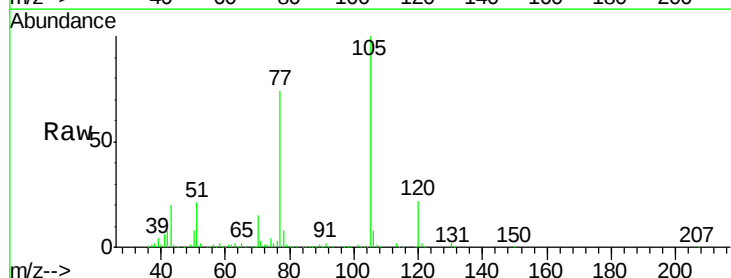
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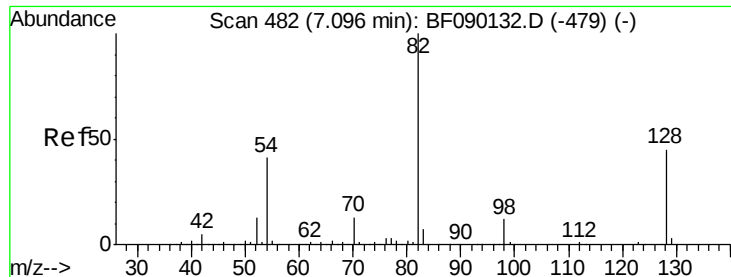
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#22
Acetophenone
Concen: 46.41 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.5	4.1	6.1	
51	21.5	16.2	24.2	
120	21.5	18.2	27.2	





#23

Nitrobenzene-d5

Concen: 105.19 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

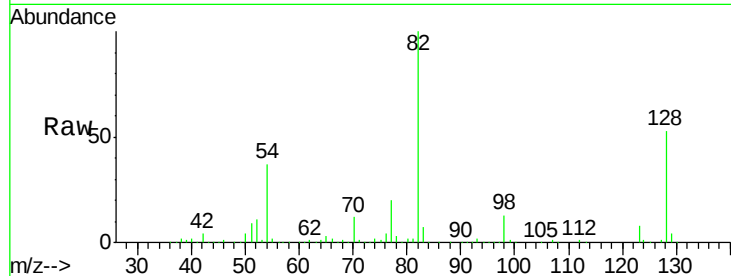
ClientSampleId :

PB93576BS

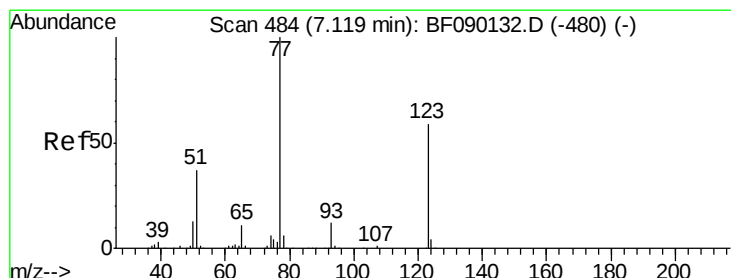
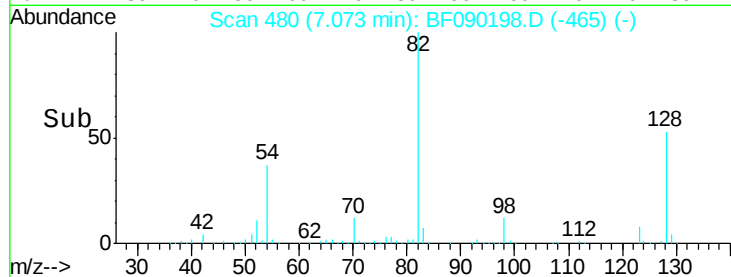
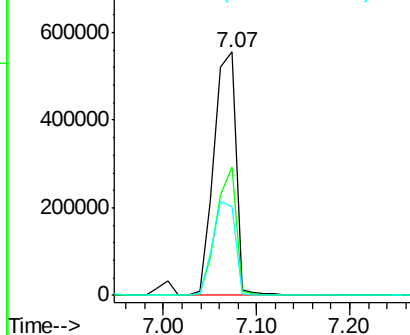
Tot Ion:	82	Resp:	915697
Ion Ratio		Lower	Upper
82	100		
128	52.7	37.5	56.3
54	36.7	31.9	47.9

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 48.18 ng

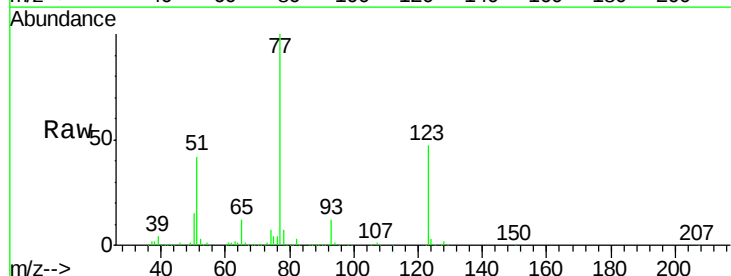
RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

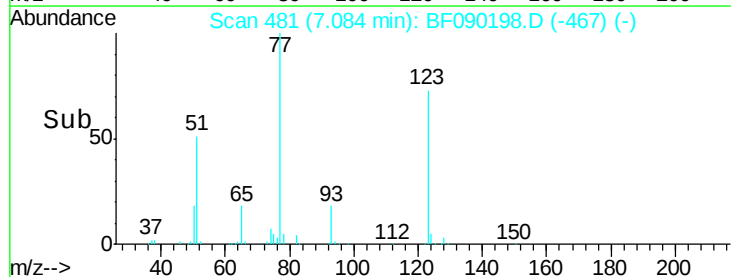
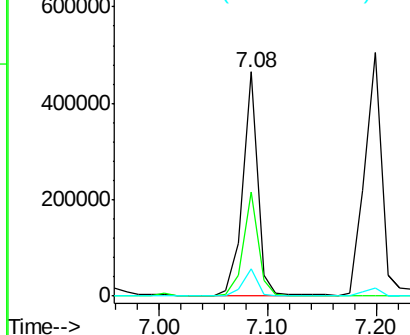
Lab File: BF090198.D

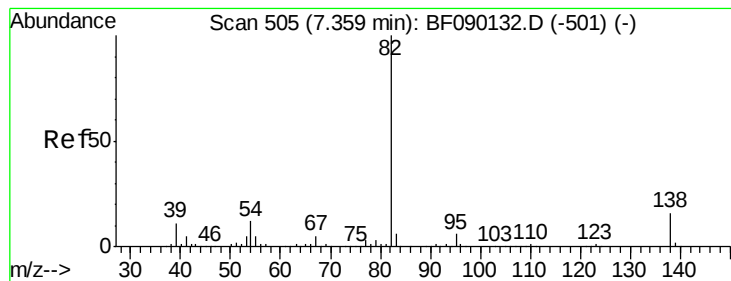
Acq: 23 Sep 2016 15:28

Tgt Ion:	77	Resp:	436982
Ion Ratio		Lower	Upper
77	100		
123	46.7	33.4	50.2
65	12.4	10.1	15.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.72 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

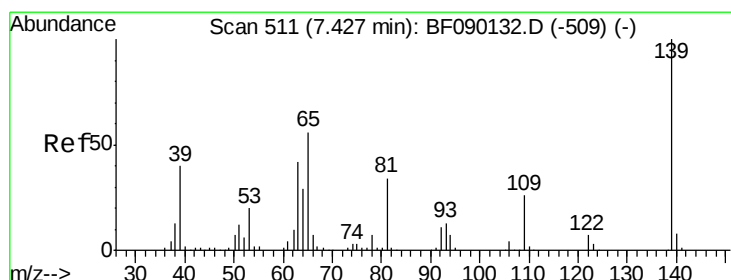
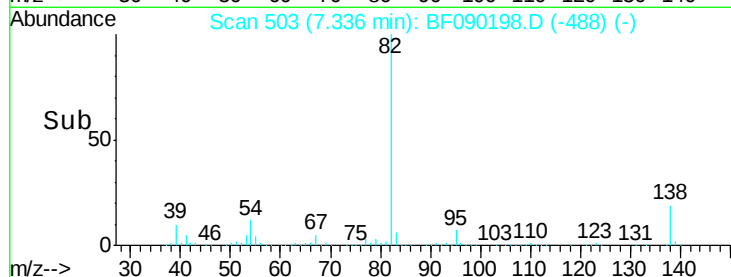
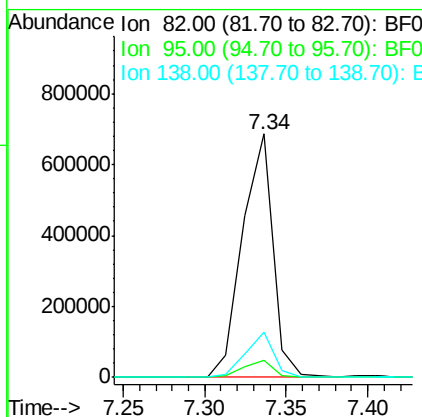
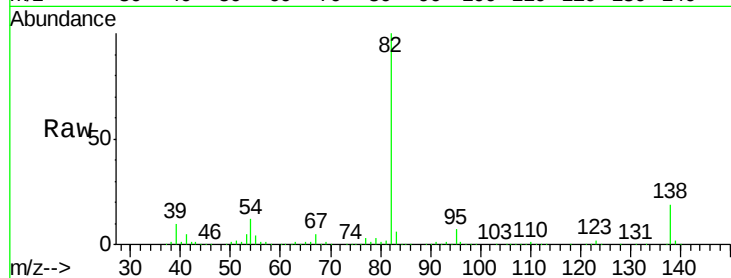
ClientSampleId :

PB93576BS

Tot Ion:	82	Resp:	886072
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.1	7.7
138	18.7	13.5	20.3

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#26

2-Nitrophenol

Concen: 56.40 ng

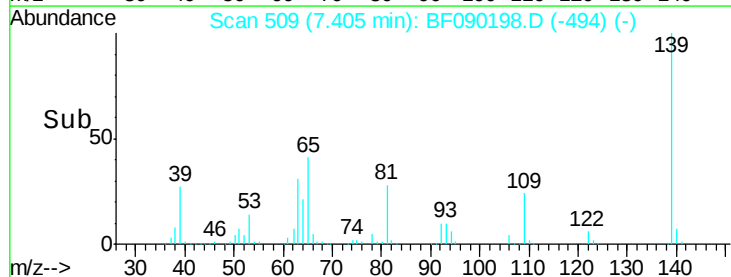
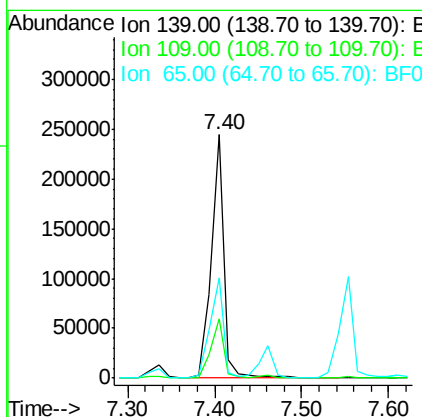
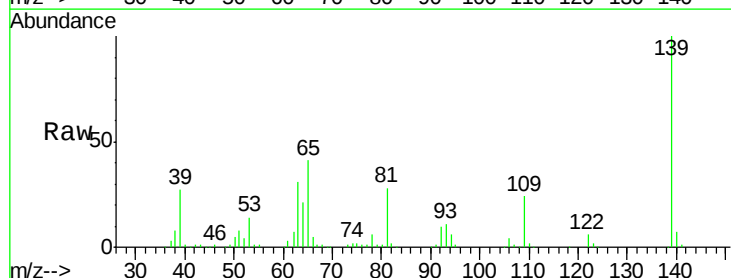
RT: 7.40 min Scan# 509

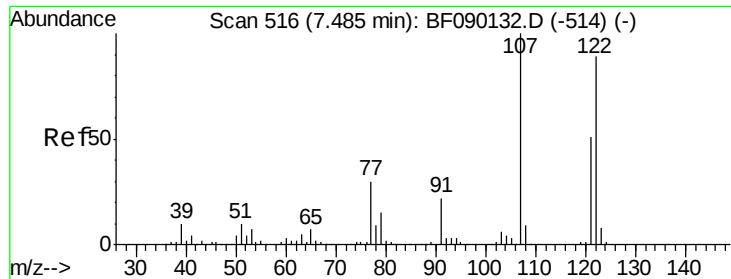
Delta R.T. -0.02 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Tgt Ion:	139	Resp:	251912
Ion Ratio	Lower	Upper	
139	100		
109	24.4	20.5	30.7
65	41.4	37.9	56.9





#27

2,4-Dimethylphenol

Concen: 51.56 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.02 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

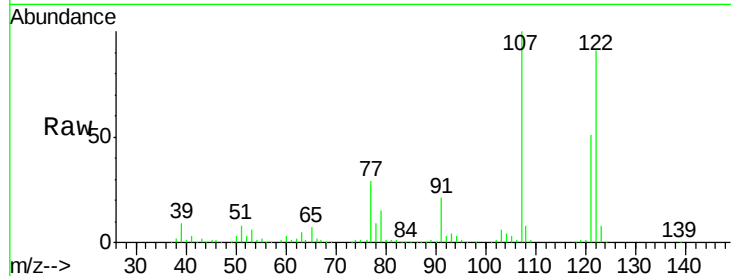
ClientSampled :

PB93576BS

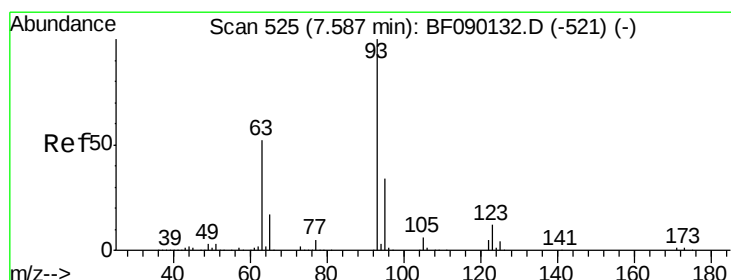
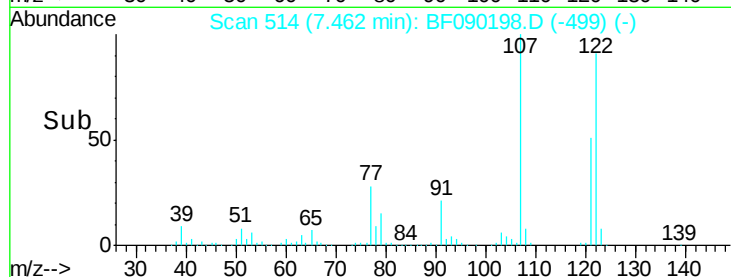
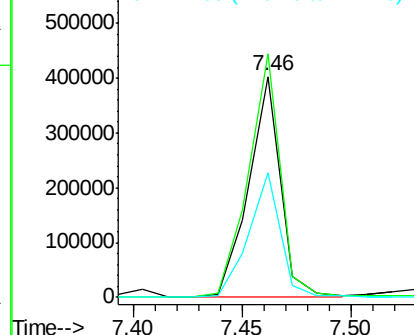
Tot Ion:	122	Resp:	409127
Ion Ratio	Lower	Upper	
122	100		
107	110.3	87.8	131.6
121	56.7	45.7	68.5

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 51.22 ng

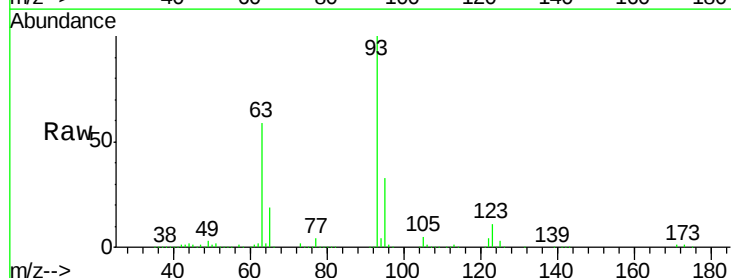
RT: 7.55 min Scan# 522

Delta R.T. -0.03 min

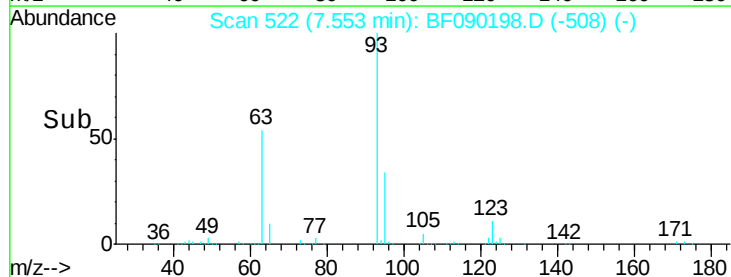
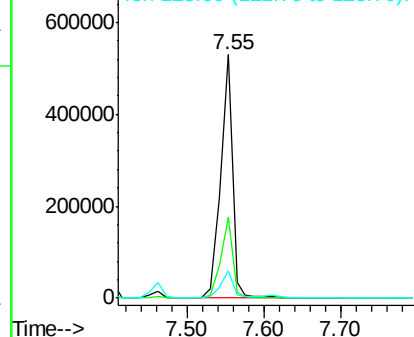
Lab File: BF090198.D

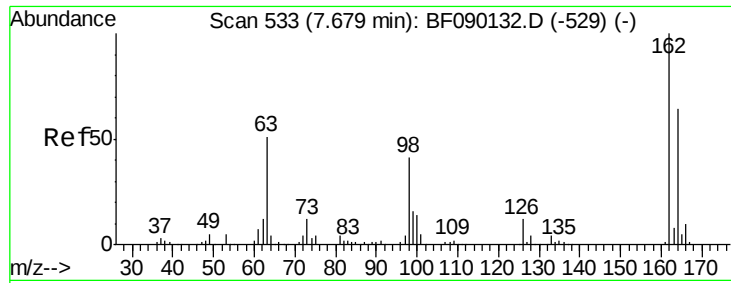
Acq: 23 Sep 2016 15:28

Tgt Ion:	93	Resp:	563512
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.8	40.2
123	11.0	8.5	12.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





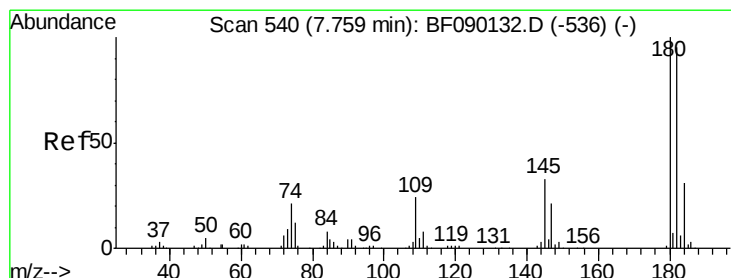
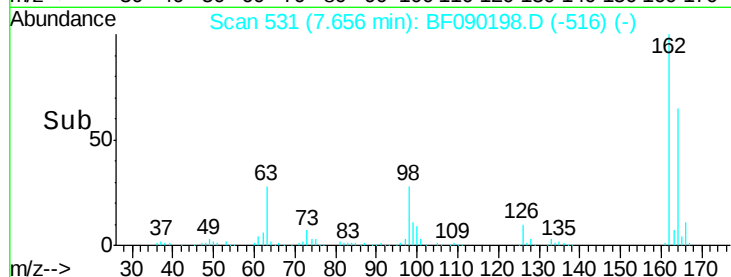
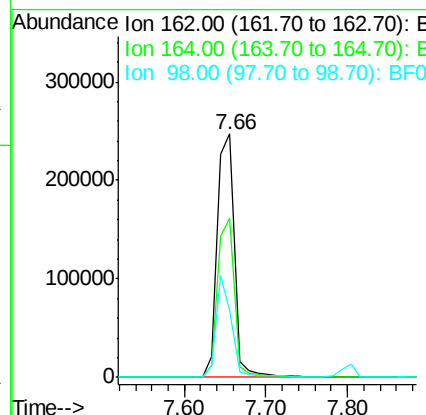
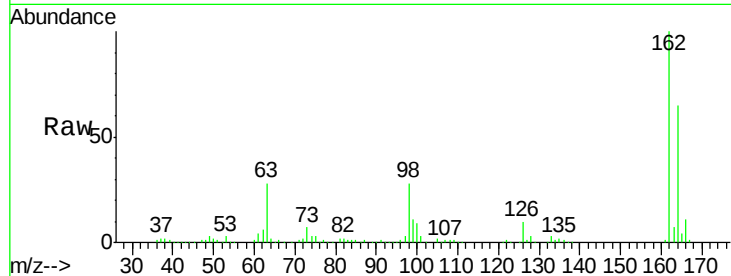
#29
 2,4-Dichlorophenol
 Concen: 52.68 ng
 RT: 7.66 min Scan# 531
 Delta R.T. -0.02 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion:	162	Resp:	366631
Ion Ratio	Lower	Upper	
162	100		
164	65.4	46.2	86.2
98	27.7	10.4	50.4

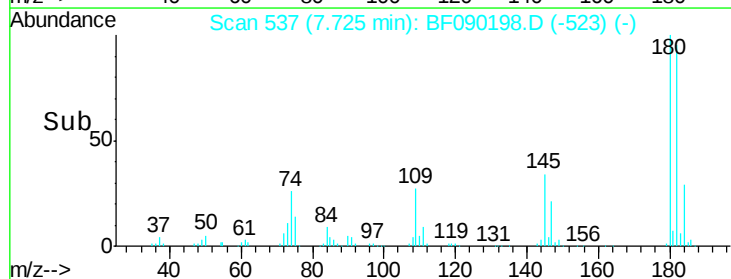
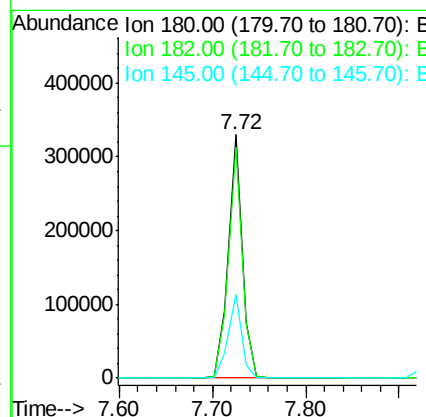
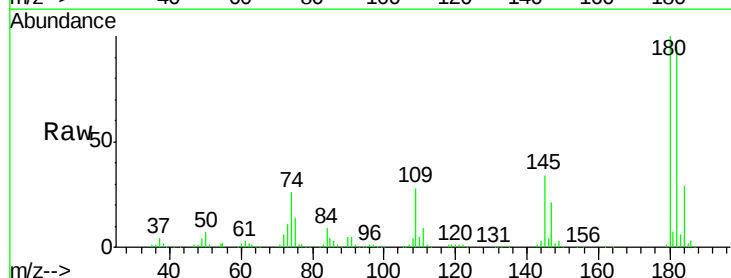
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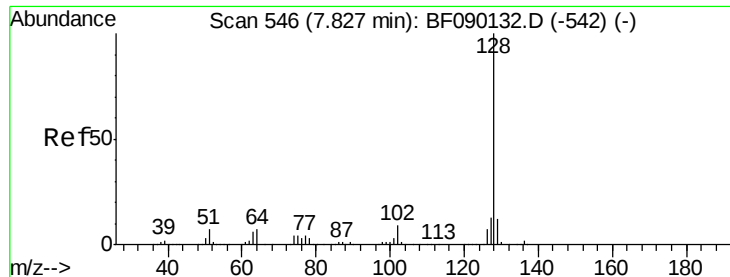
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#30
 1,2,4-Trichlorobenzene
 Concen: 49.91 ng
 RT: 7.72 min Scan# 537
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Tgt Ion:	180	Resp:	347002
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.0	112.6
145	34.1	28.6	42.8





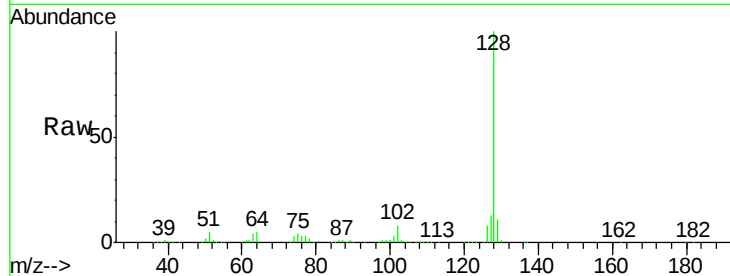
#31
Naphthalene
Concen: 56.14 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampled :
PB93576BS

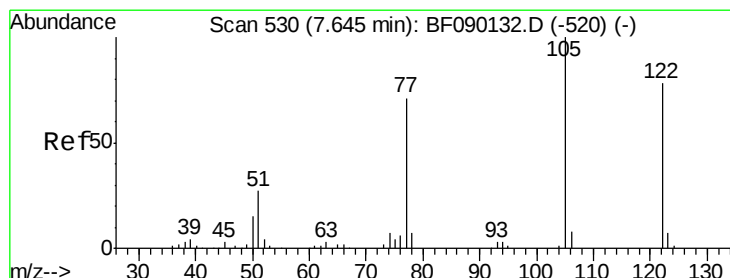
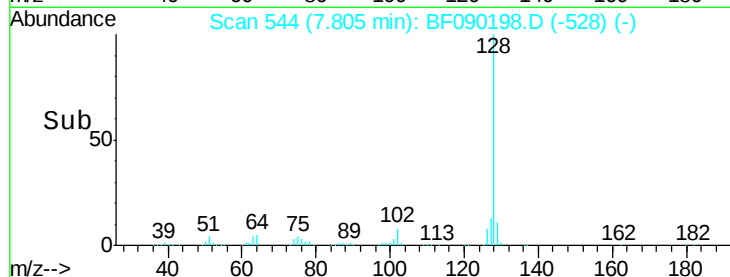
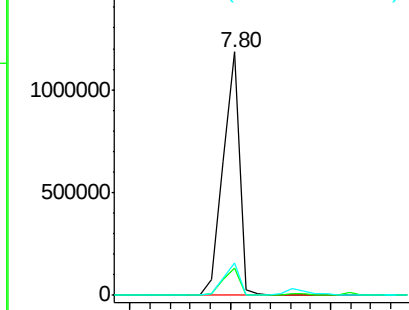
Tot Ion:128 Resp: 1348872
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.4 10.8 16.2

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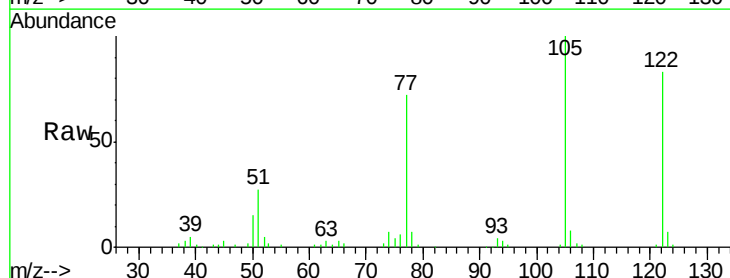


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

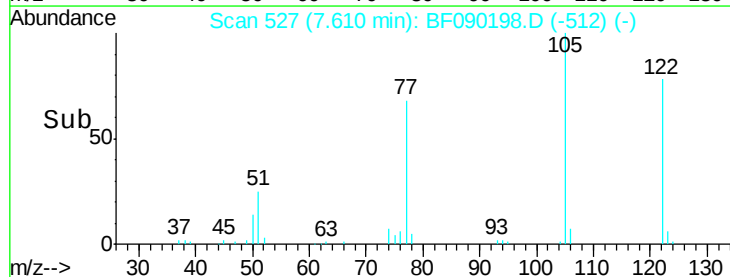
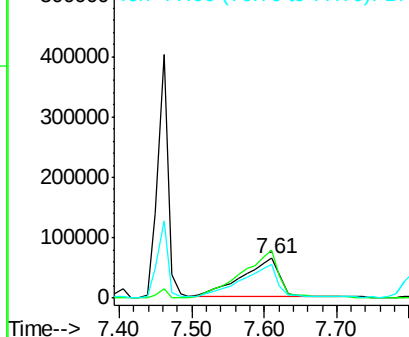


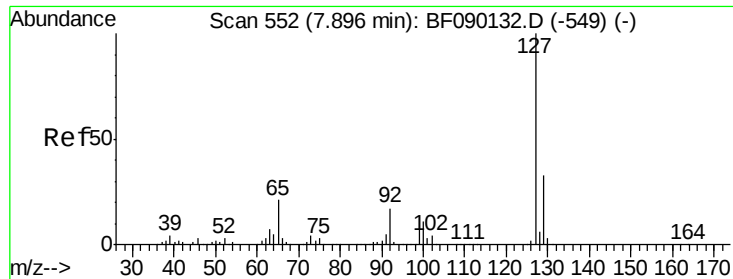
#32
Benzoic acid
Concen: 43.13 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion:122 Resp: 234944
Ion Ratio Lower Upper
122 100
105 119.9 105.0 145.0
77 85.9 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





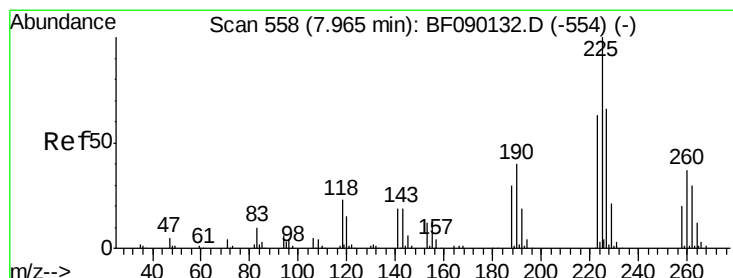
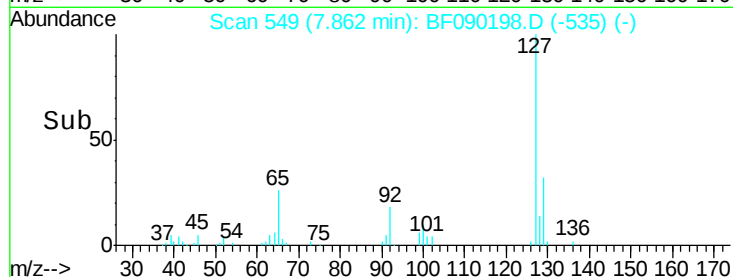
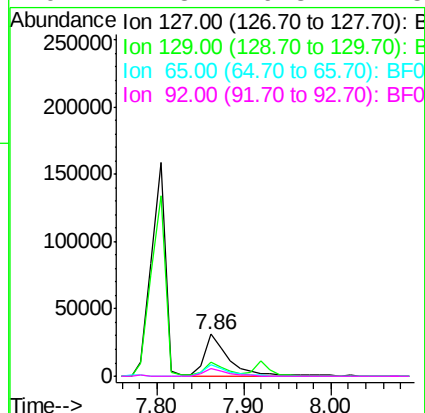
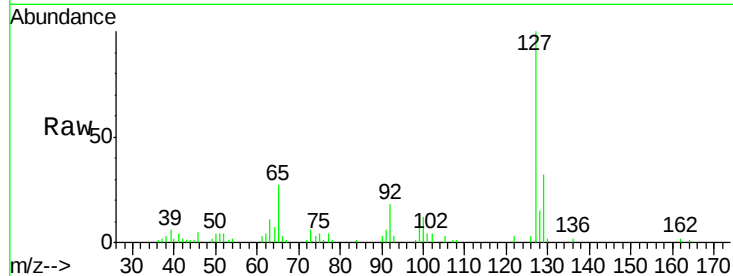
#33
4-Chloroaniline
Concen: 5.88 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleID :
PB93576BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	25.8	38.6		
65	27.0	24.1	36.1		
92	17.8	16.3	24.5		

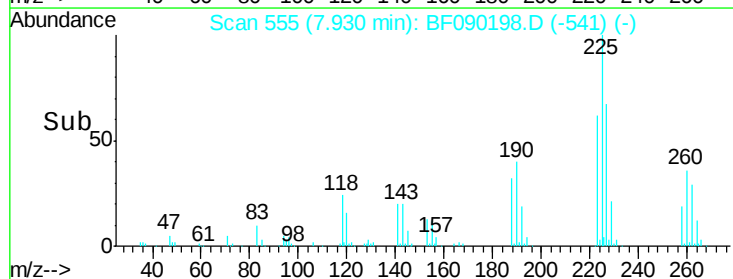
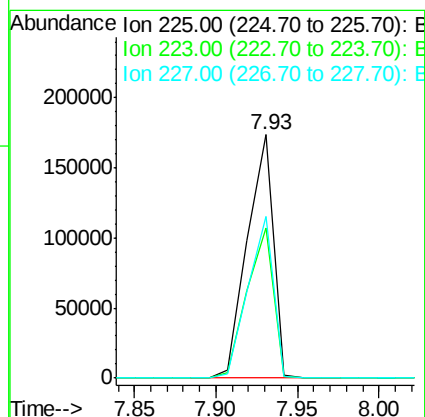
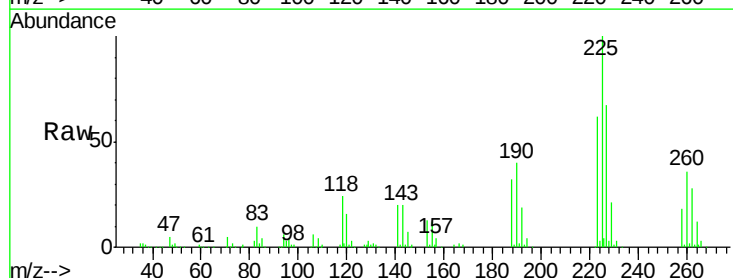
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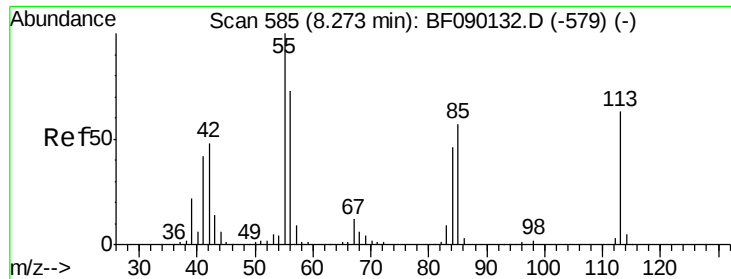
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#34
Hexachlorobutadiene
Concen: 52.44 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	51.3	76.9		
227	66.7	51.4	77.0		





#35

Caprolactam

Concen: 35.96 ng

RT: 8.25 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

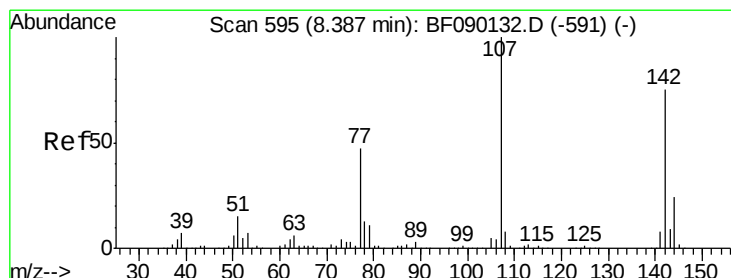
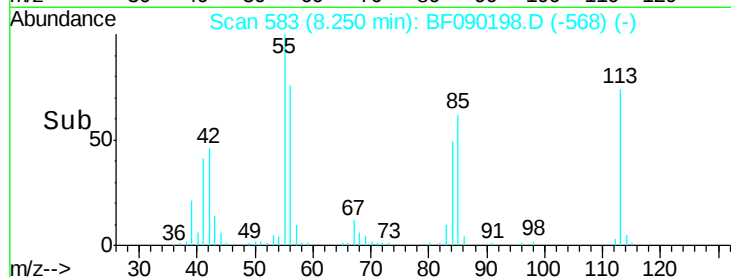
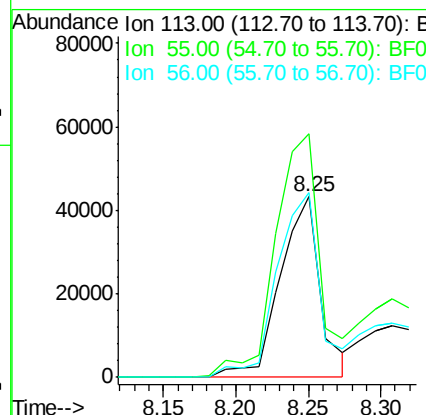
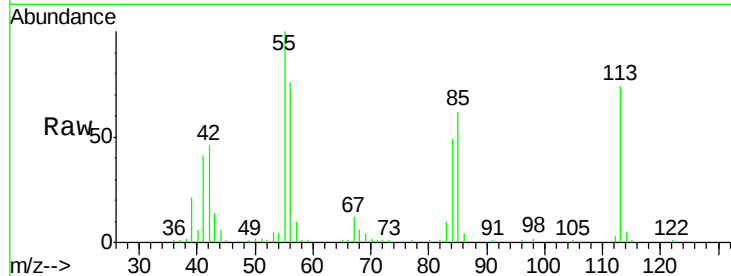
ClientSampleId :

PB93576BS

Tot Ion:	113	Resp:	82831
Ion Ratio	Lower	Upper	
113	100		
55	134.7	134.5	174.5
56	102.1	93.7	133.7

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#36

4-Chloro-3-methylphenol

Concen: 48.62 ng

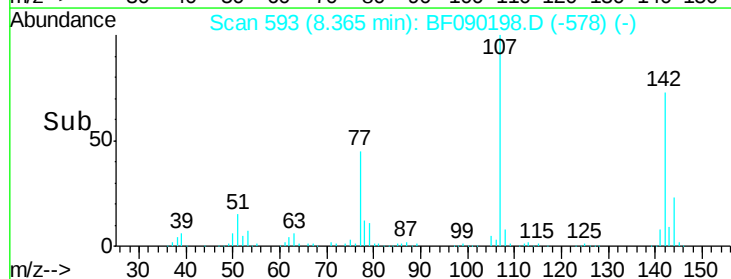
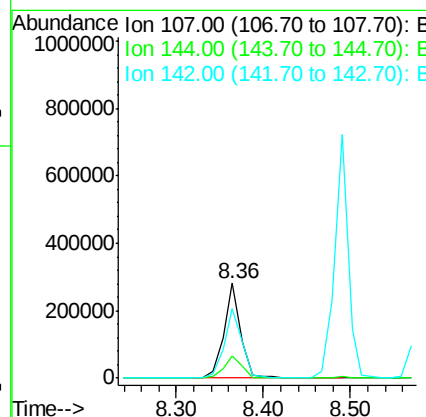
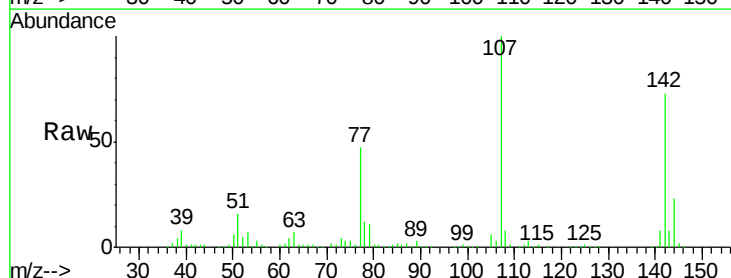
RT: 8.36 min Scan# 593

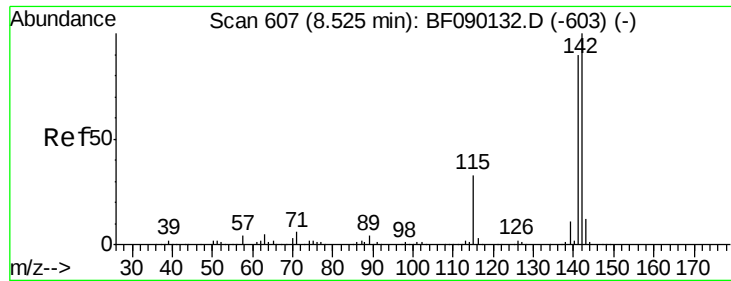
Delta R.T. -0.02 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Tgt Ion:	107	Resp:	382457
Ion Ratio	Lower	Upper	
107	100		
144	23.2	18.6	27.8
142	72.6	57.0	85.6





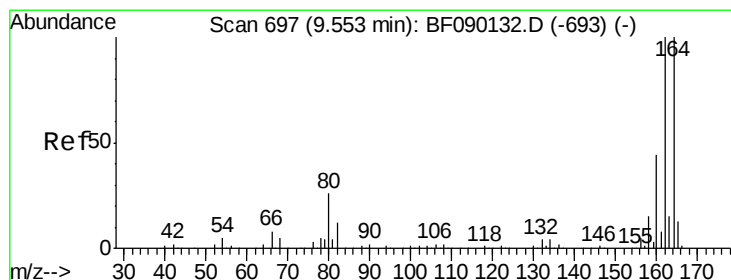
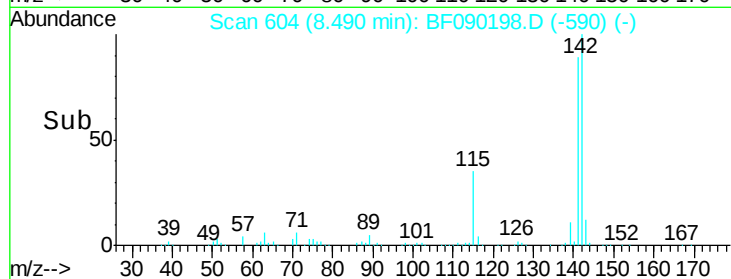
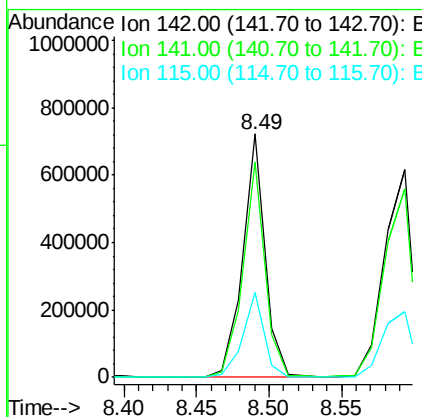
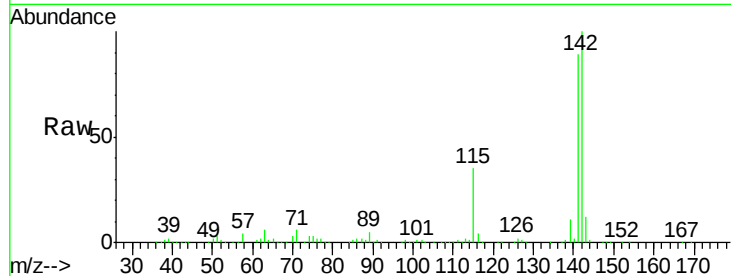
#37
2-Methylnaphthalene
Concen: 51.53 ng
RT: 8.49 min Scan# 604
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampled :
PB93576BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2
115	34.7	28.3	42.5

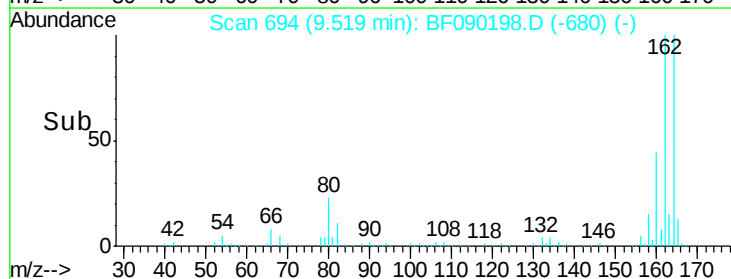
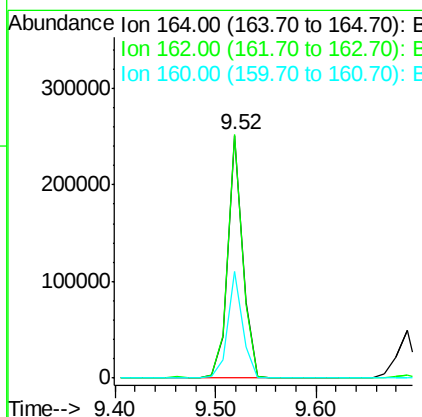
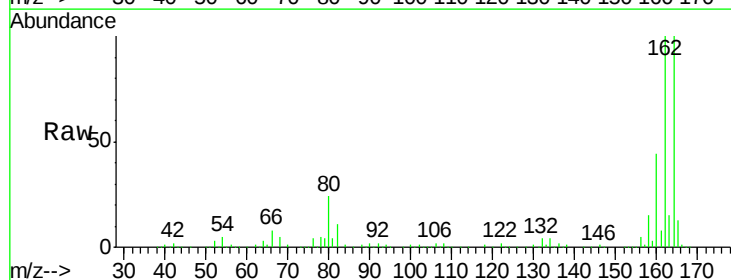
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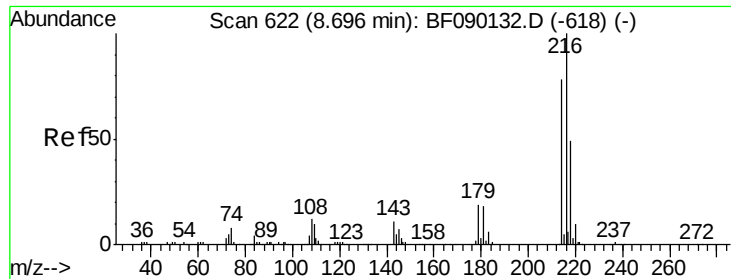
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.4	122.2
160	44.1	36.6	54.8





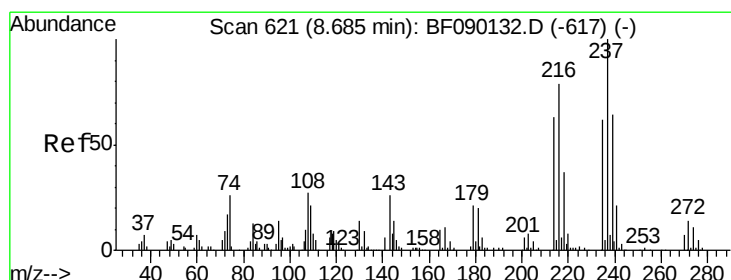
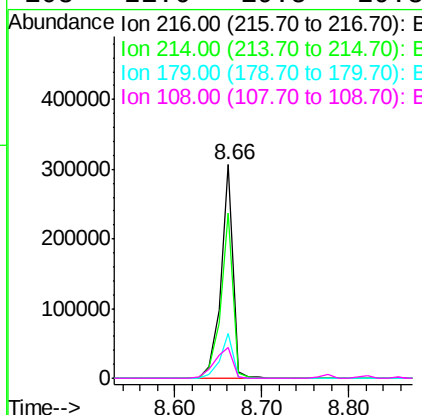
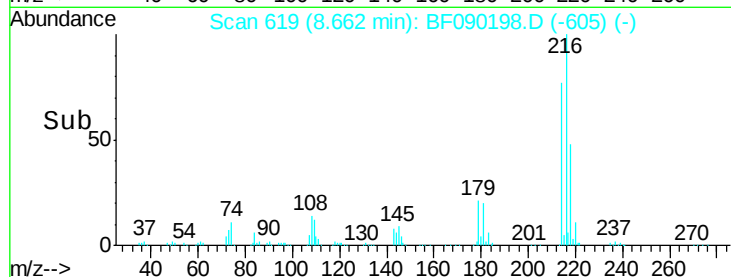
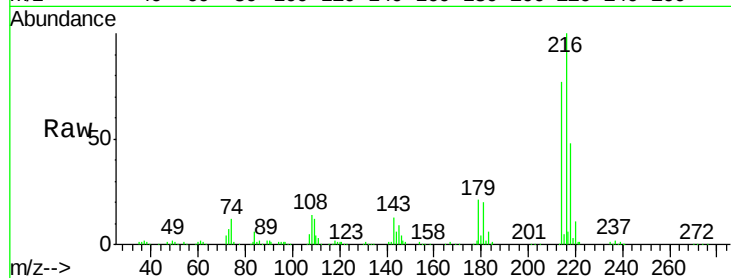
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 49.96 ng
 RT: 8.66 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	299565		
214	78.3	63.7	95.5	
179	21.6	18.5	27.7	
108	21.6	19.5	29.3	

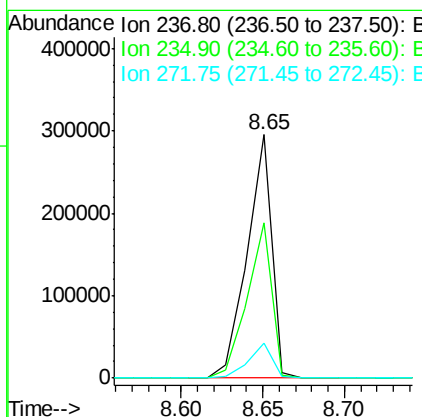
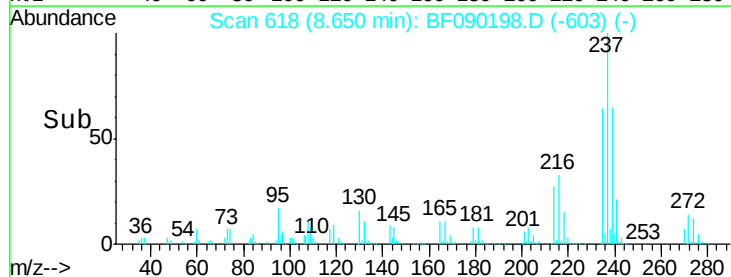
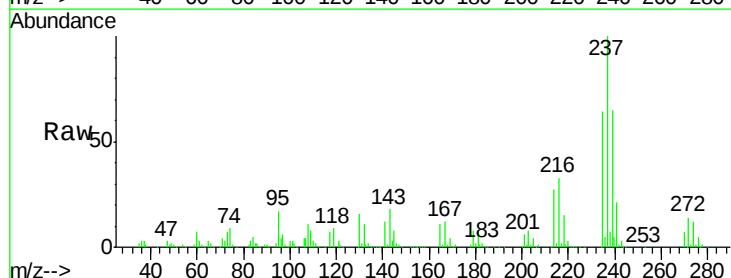
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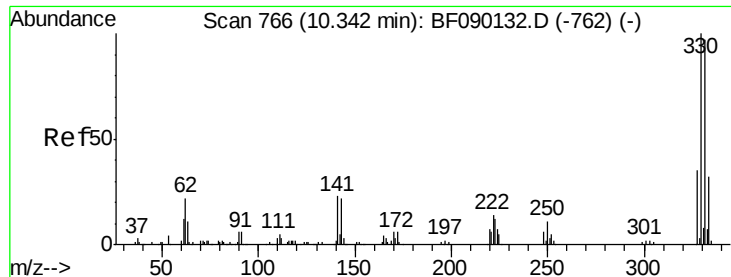
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#40
 Hexachlorocyclopentadiene
 Concen: 104.06 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	307880		
235	63.7	42.5	82.5	
272	14.4	0.0	32.0	





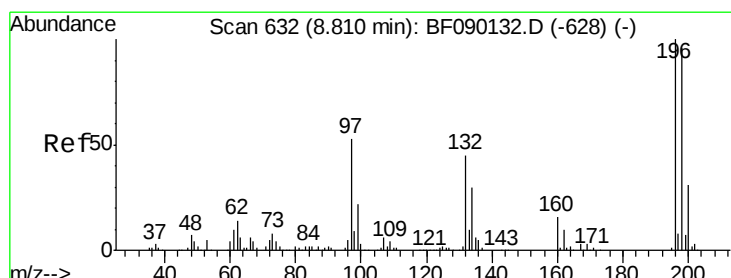
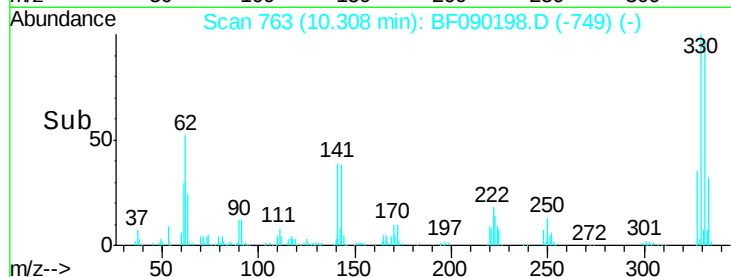
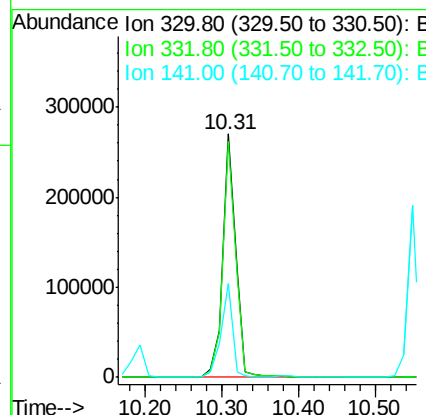
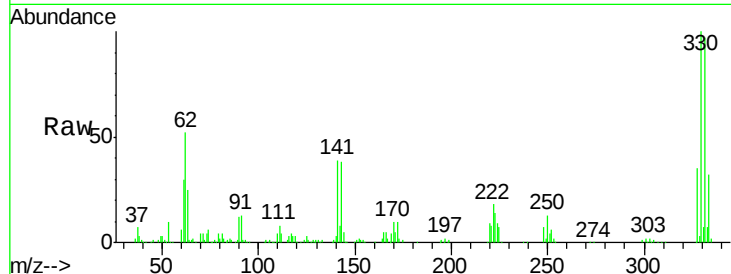
#41
 2,4,6-Tribromophenol
 Concen: 143.16 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	320818		
332	96.1		78.1	117.1
141	33.9		23.9	35.9

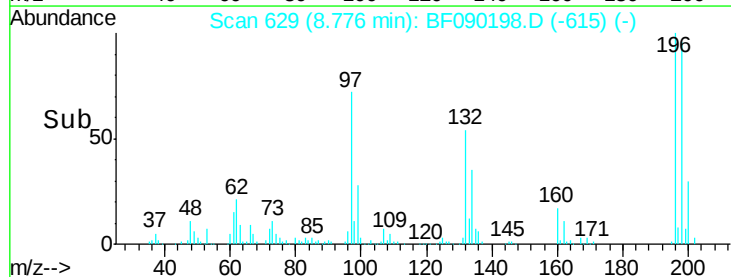
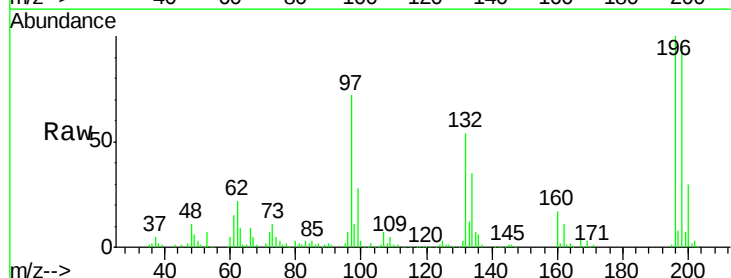
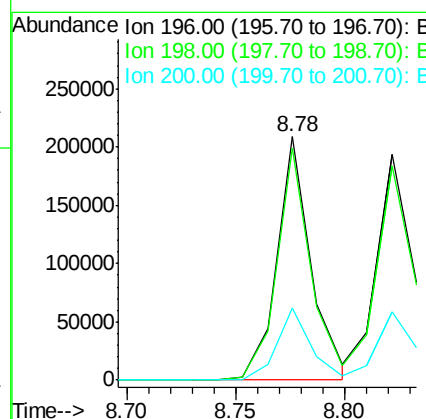
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#42
 2,4,6-Trichlorophenol
 Concen: 53.62 ng
 RT: 8.78 min Scan# 629
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	229098		
198	95.6		76.3	114.5
200	29.8		24.1	36.1





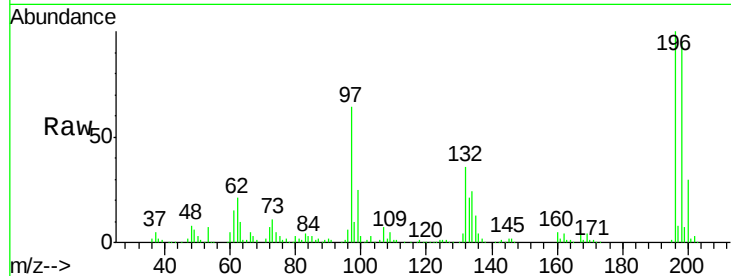
#43
 2,4,5-Trichlorophenol
 Concen: 51.63 ng
 RT: 8.82 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	228422		
198	94.9	76.6	114.8	
97	64.4	34.4	51.6	
132	35.6	22.2	33.2	

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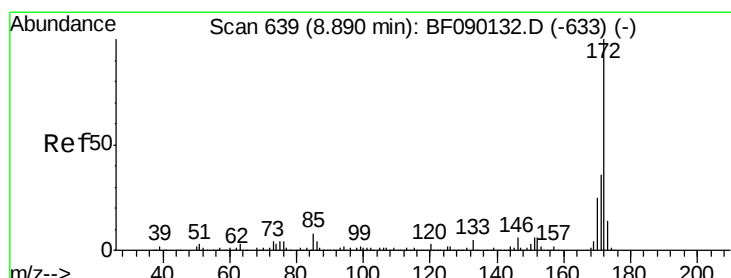
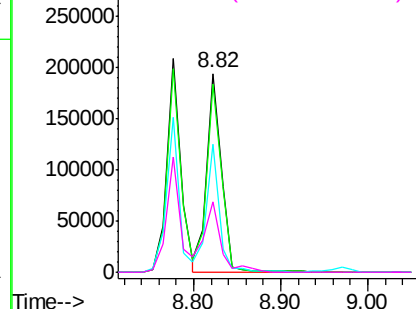
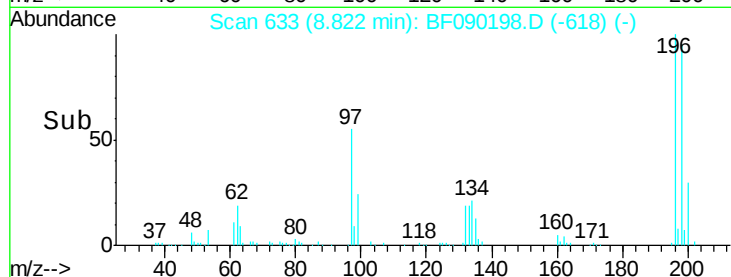
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

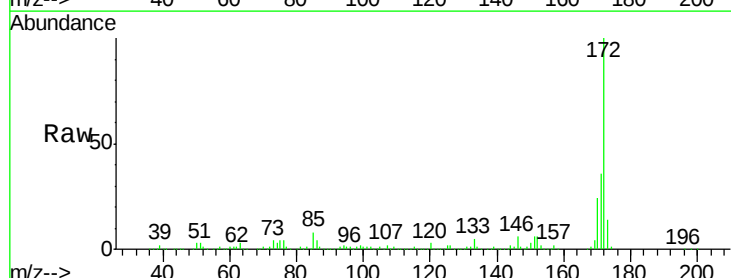
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 112.77 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1500536		
171	35.9	29.2	43.8	
170	24.3	19.8	29.8	

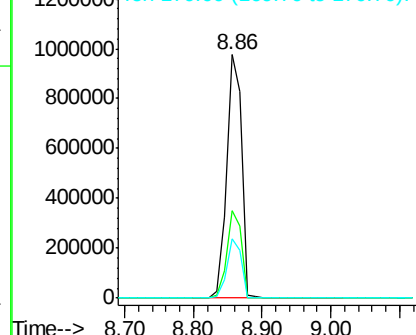
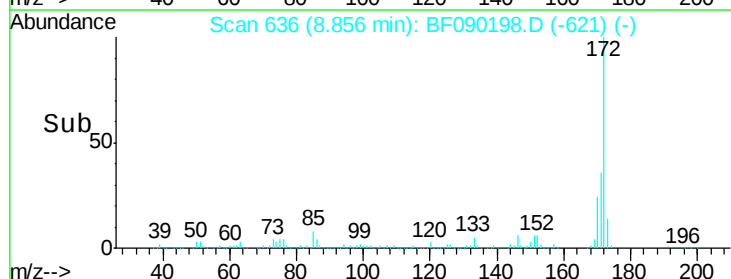


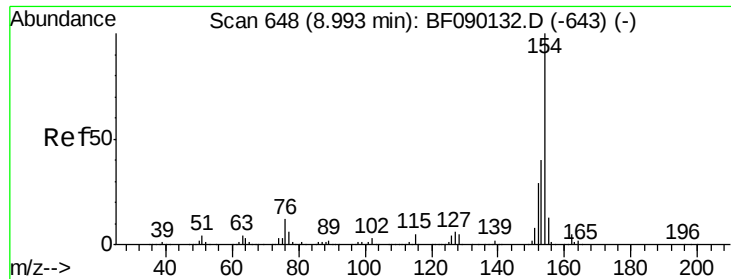
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





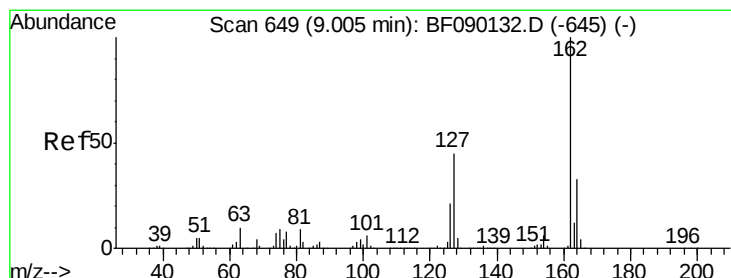
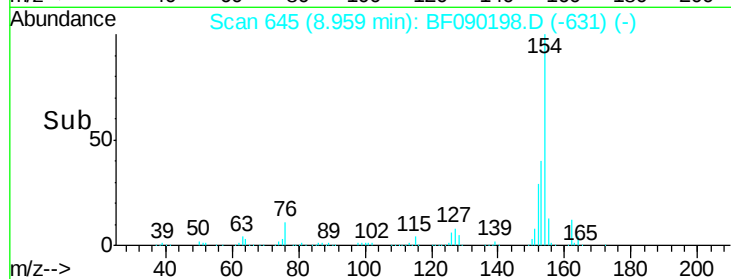
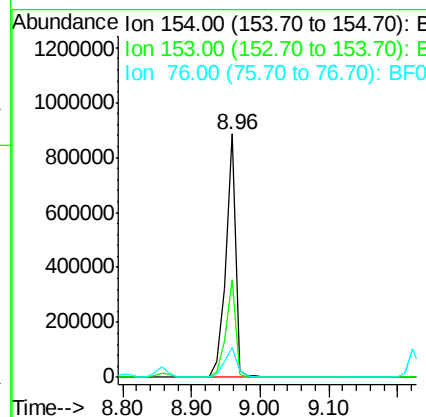
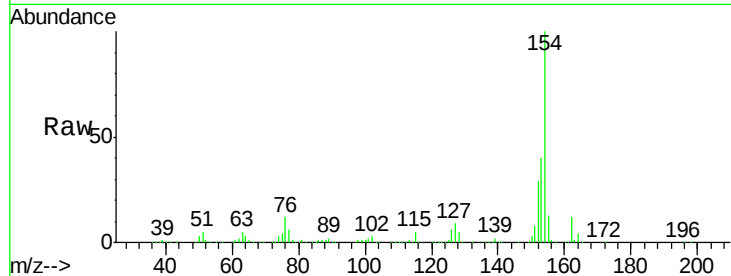
#45
 1,1'-Biphenyl
 Concen: 48.38 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.1	20.6	60.6
76	12.1	0.0	36.7

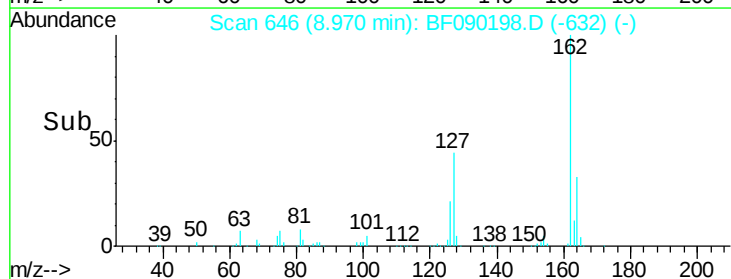
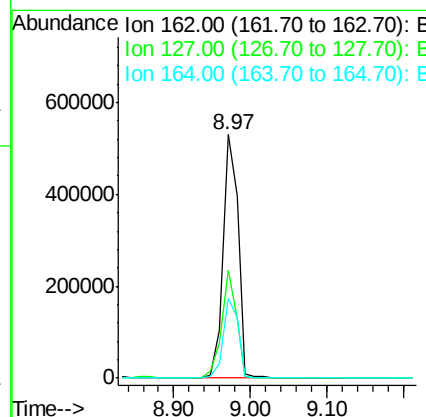
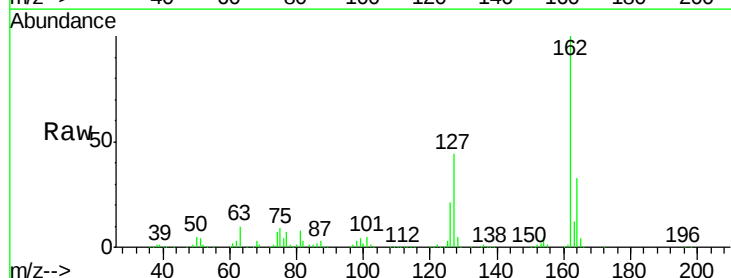
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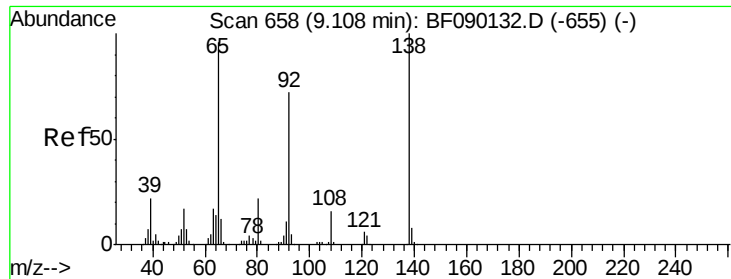
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#46
 2-Chloronaphthalene
 Concen: 52.97 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	44.4	34.0	51.0
164	32.6	26.8	40.2





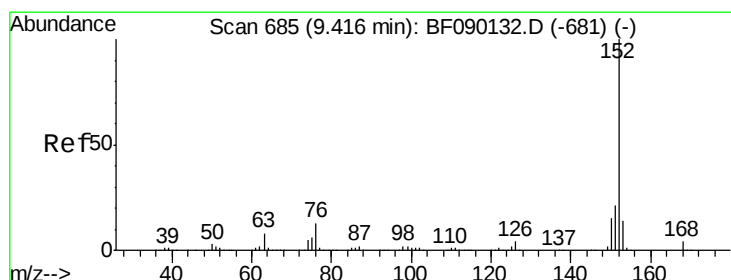
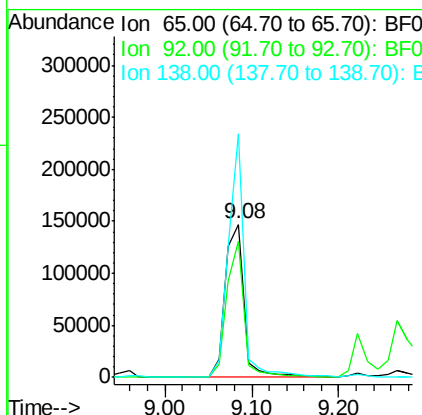
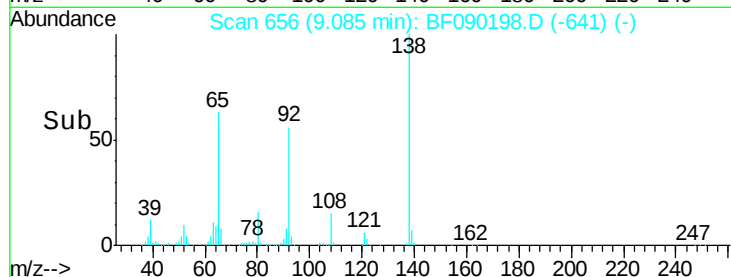
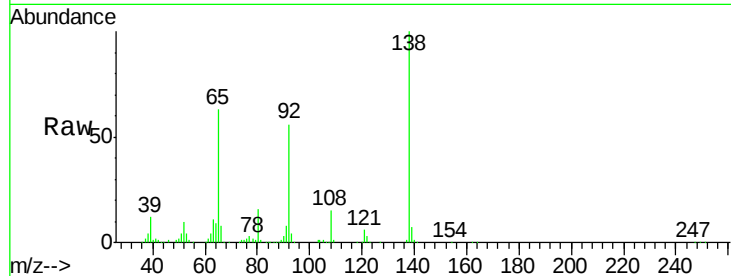
#47
2-Nitroaniline
Concen: 54.18 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	89.1	66.1	99.1
138	159.0	104.1	156.1

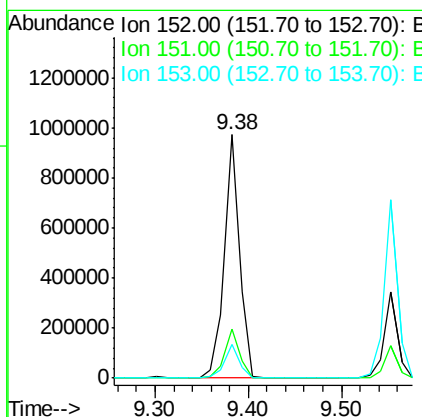
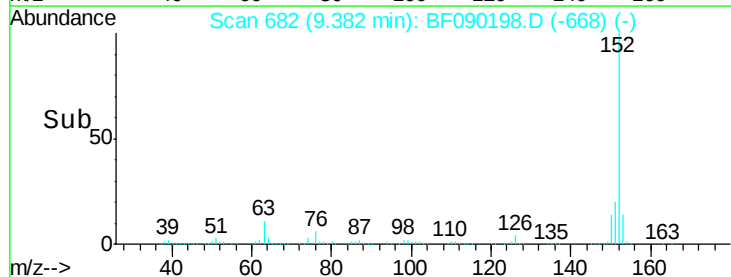
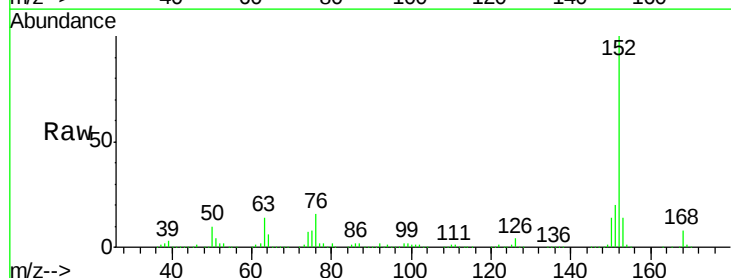
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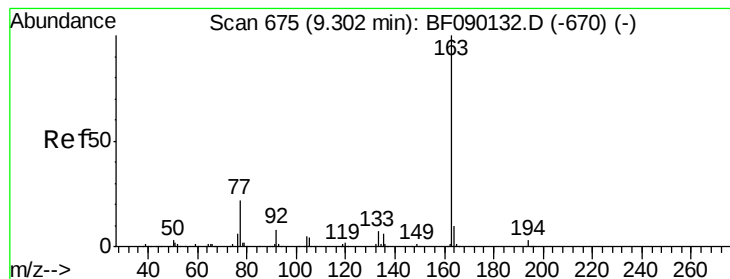
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#48
Acenaphthylene
Concen: 49.85 ng
RT: 9.38 min Scan# 682
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.5	24.7
153	13.7	10.6	15.8





#49

Dimethylphthalate

Concen: 54.50 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

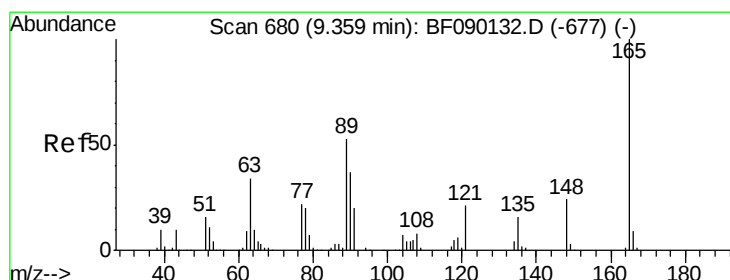
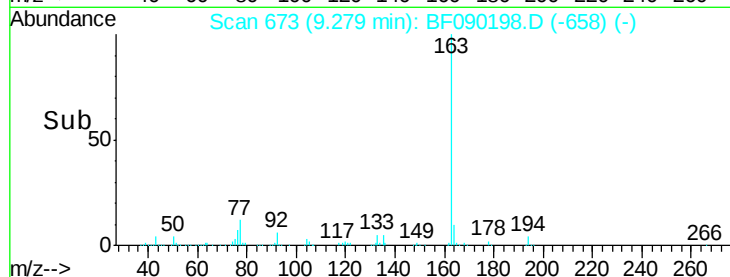
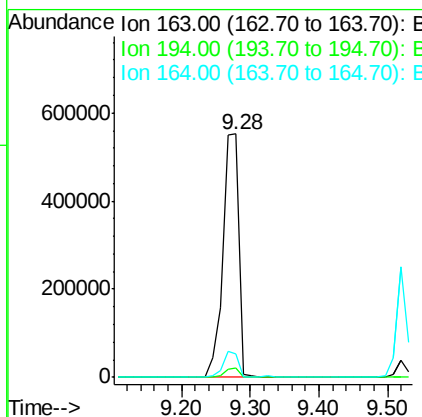
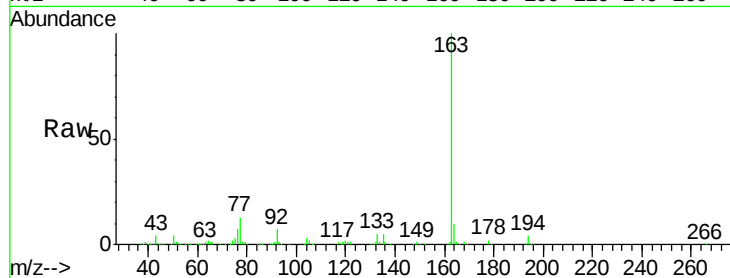
ClientSampleId :

PB93576BS

Tot Ion:	163	Resp:	906681
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.8	4.2
164	9.7	8.1	12.1

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#50

2,6-Dinitrotoluene

Concen: 49.77 ng

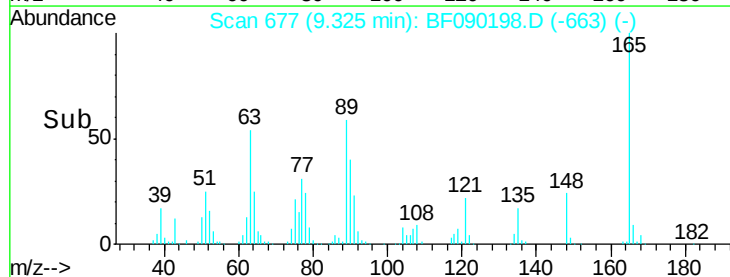
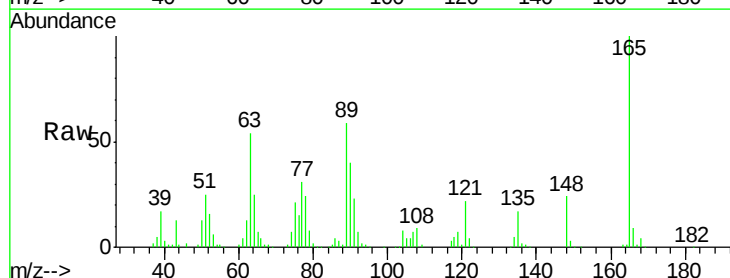
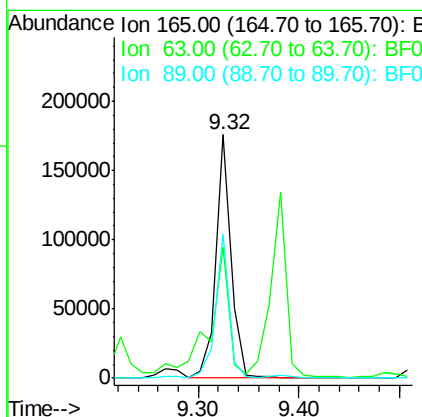
RT: 9.32 min Scan# 677

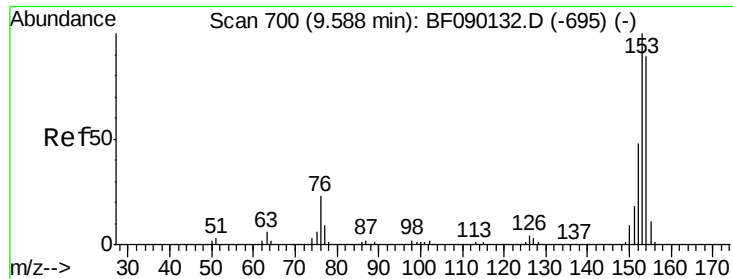
Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Tgt Ion:	165	Resp:	184547
Ion Ratio	Lower	Upper	
165	100		
63	53.7	49.9	74.9
89	59.3	51.0	76.4





#51

Acenaphthene

Concen: 48.69 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

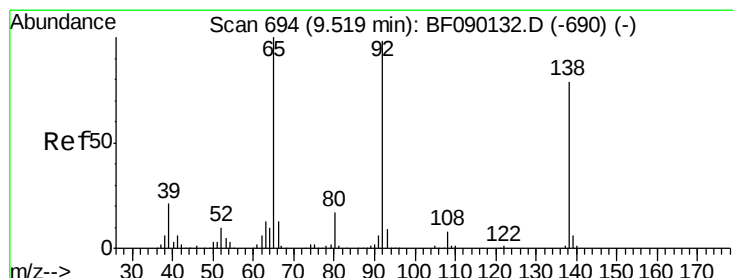
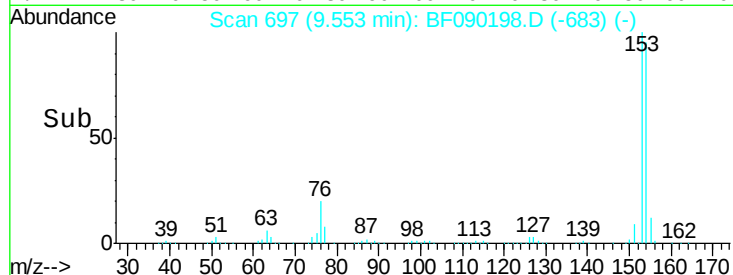
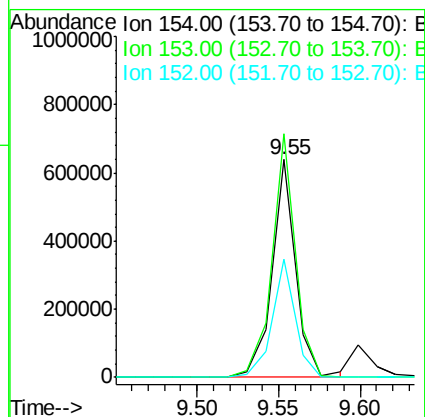
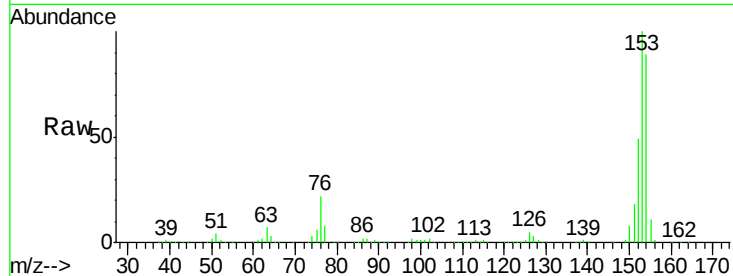
ClientSampleId :

PB93576BS

Tot Ion:	154	Resp:	647150
Ion Ratio	Lower	Upper	
154	100		
153	112.0	90.8	136.2
152	54.4	44.2	66.4

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#52

3-Nitroaniline

Concen: 8.98 ng

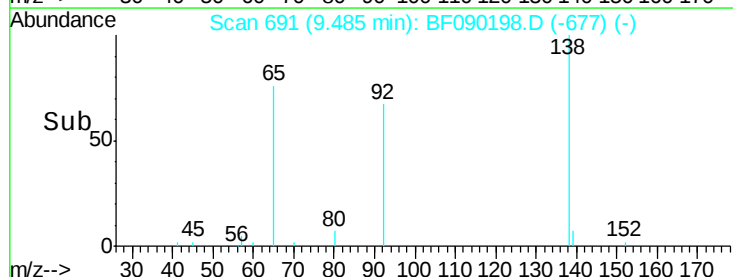
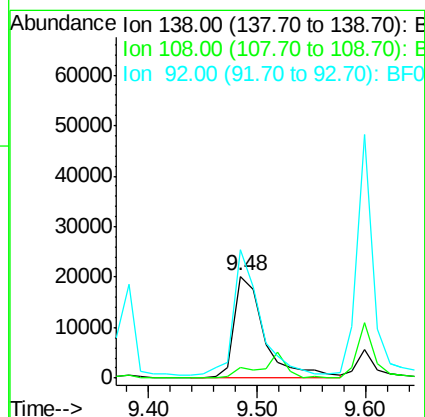
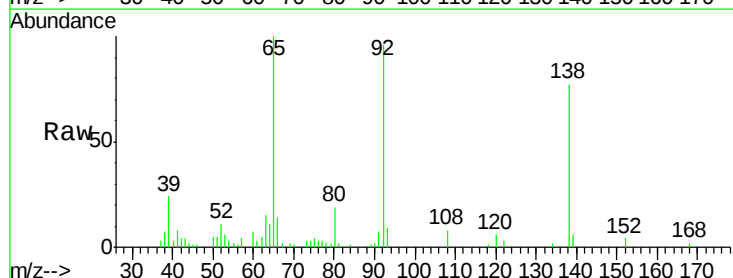
RT: 9.48 min Scan# 691

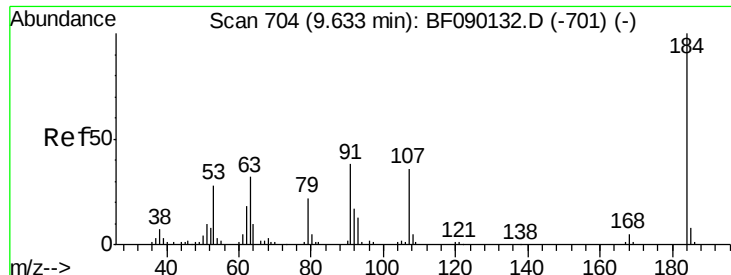
Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Tgt Ion:	138	Resp:	39035
Ion Ratio	Lower	Upper	
138	100		
108	10.7	7.8	11.6
92	125.6	90.7	136.1





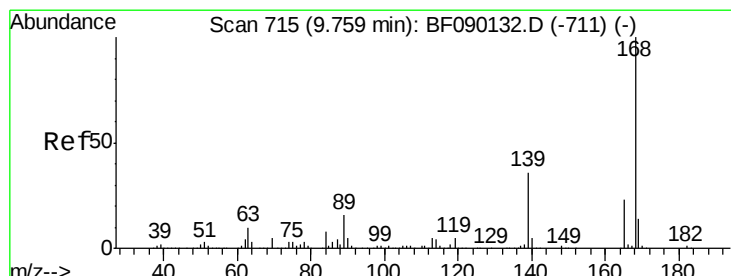
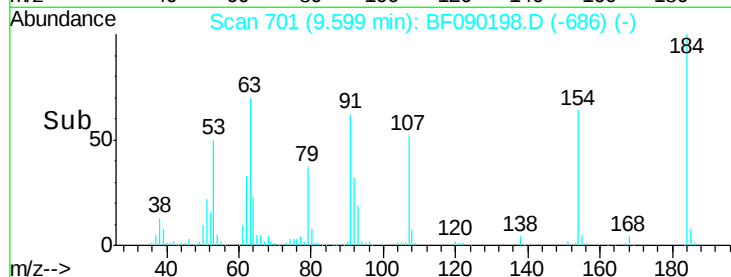
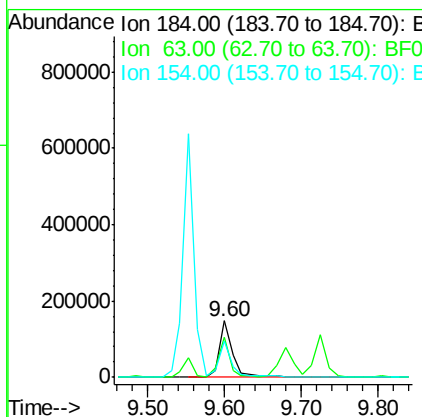
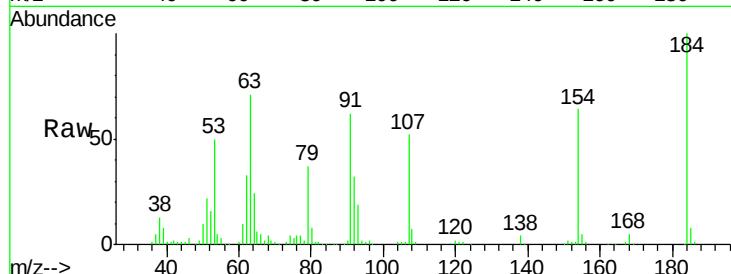
#53
 2,4-Dinitrophenol
 Concen: 86.38 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	179710		
63	71.2	44.6	67.0#	
154	63.9	49.7	74.5	

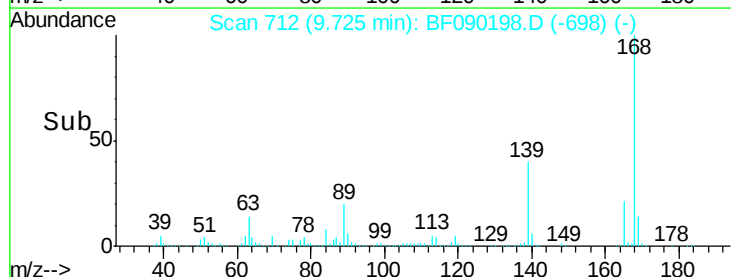
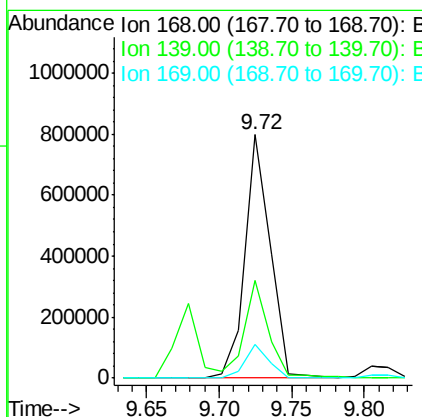
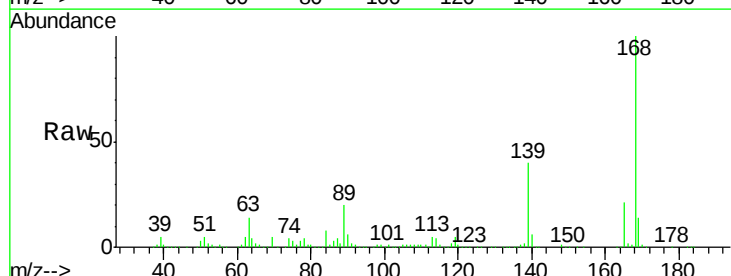
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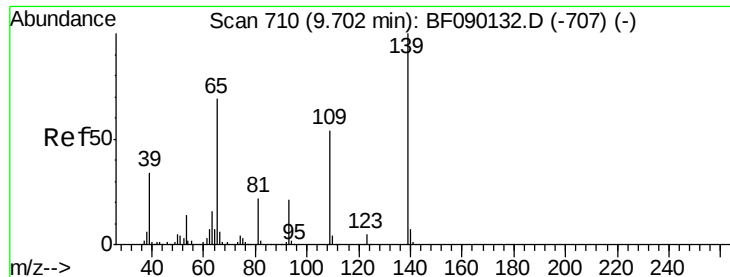
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#54
 Dibenzofuran
 Concen: 55.15 ng
 RT: 9.72 min Scan# 712
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	964588		
139	40.2	28.8	43.2	
169	13.9	10.7	16.1	





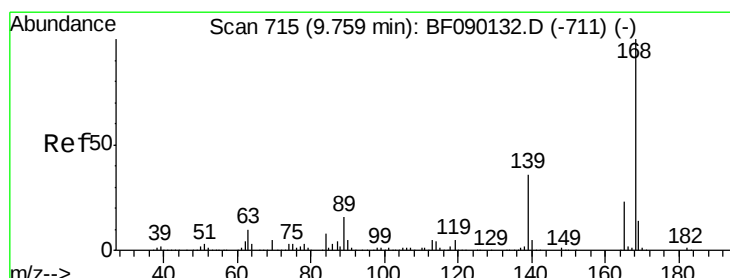
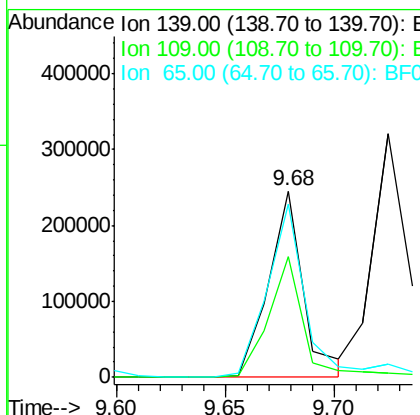
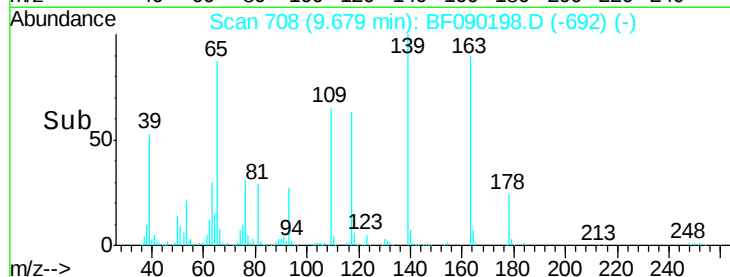
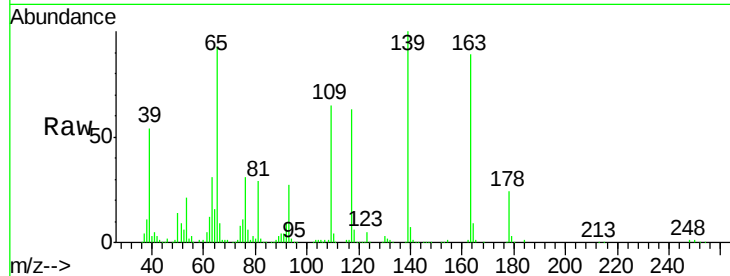
#55
4-Nitrophenol
Concen: 92.54 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.02 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	275634		
109	64.6	35.6	75.6	
65	93.2	55.5	95.5	

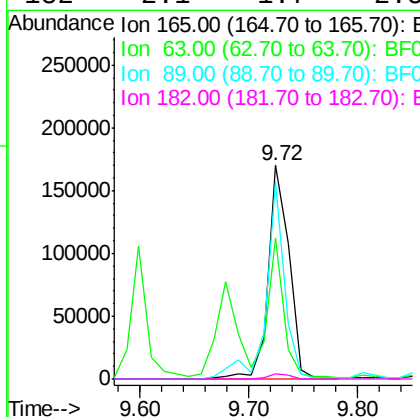
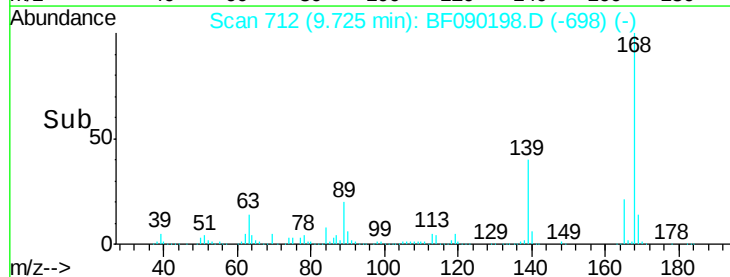
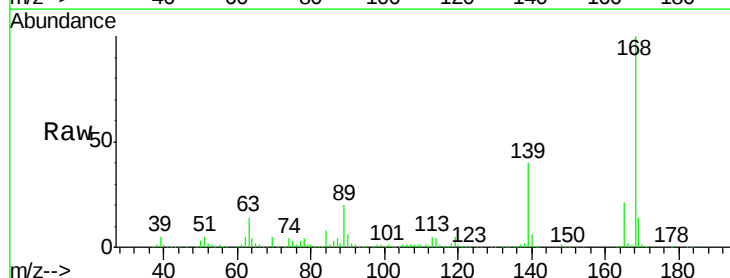
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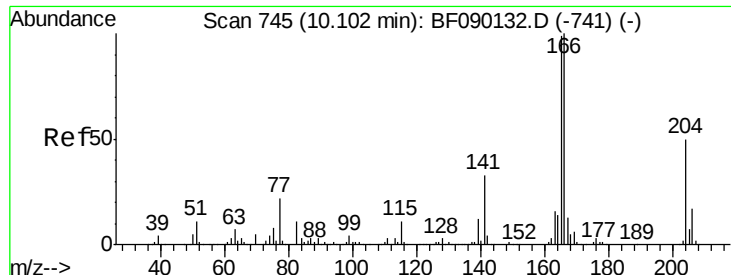
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#56
2,4-Dinitrotoluene
Concen: 51.79 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	227108		
63	66.0	44.4	66.6	
89	92.4	70.1	105.1	
182	2.1	1.7	2.5	





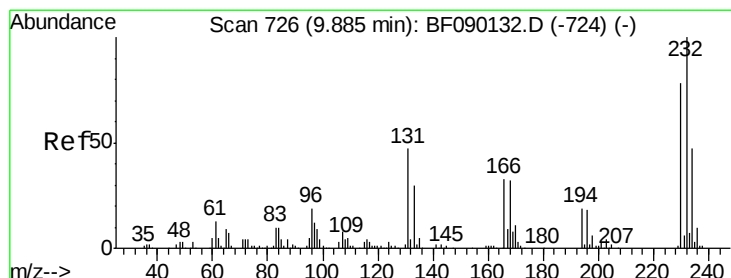
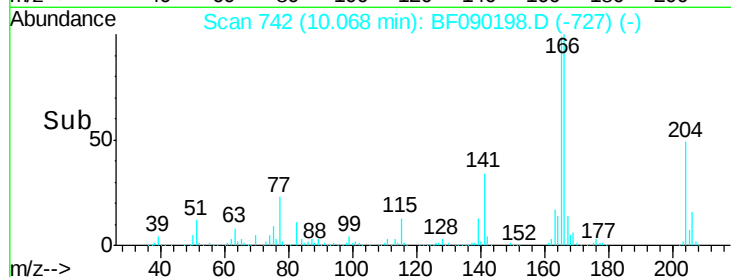
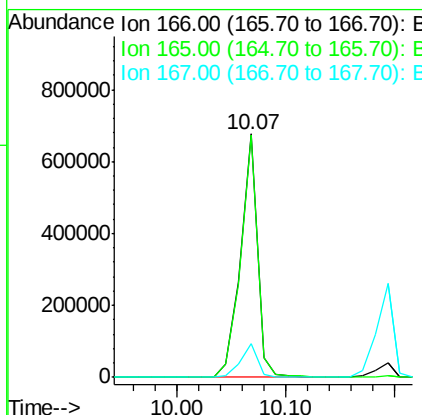
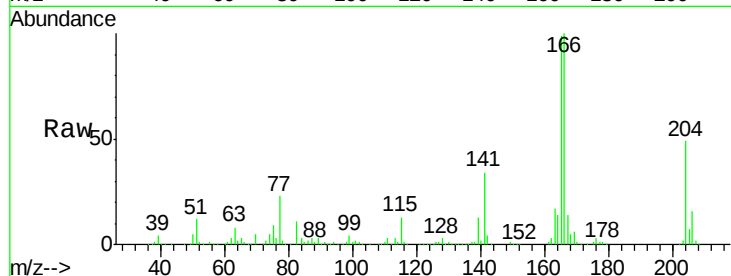
#57
Fluorene
 Concen: 54.66 ng
 RT: 10.07 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Instrument :
 BNA_F
 ClientSampled :
 PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	720474		
165	99.3		78.5	117.7
167	13.9		11.2	16.8

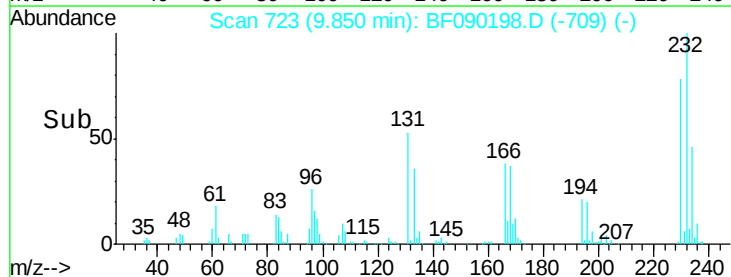
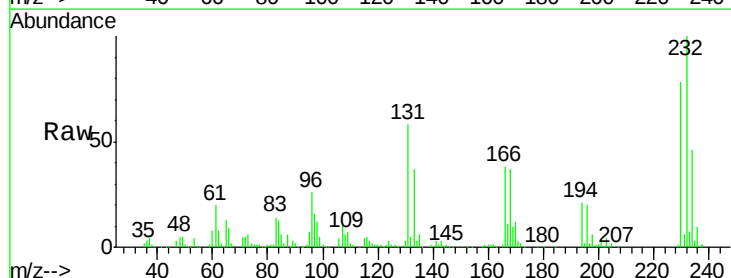
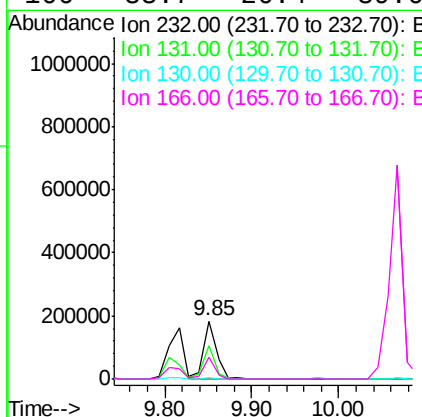
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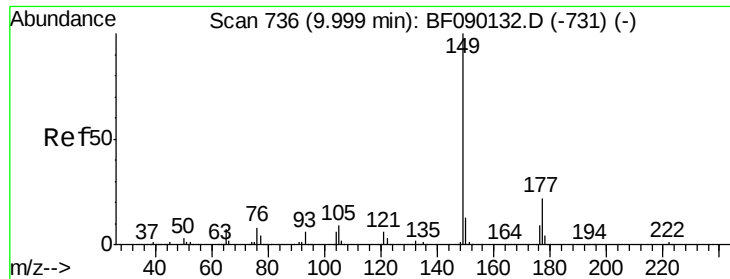
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 57.50 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	190456		
131	50.3		42.2	63.4
130	2.4		1.9	2.9
166	33.7		26.4	39.6





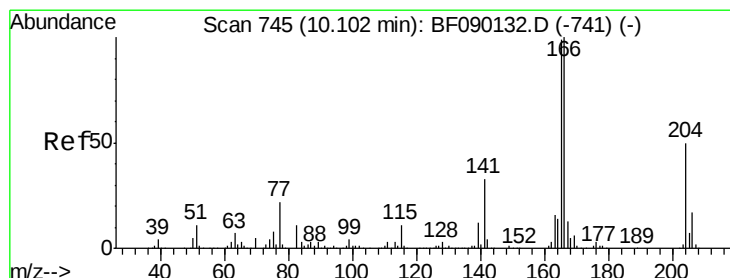
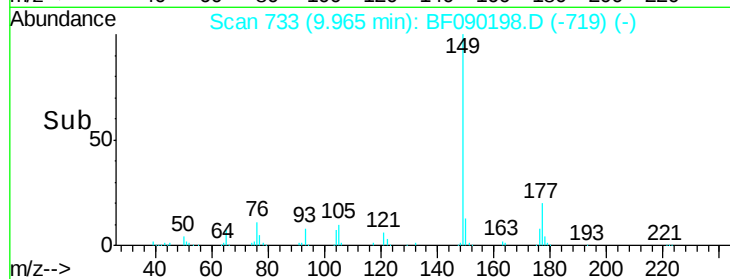
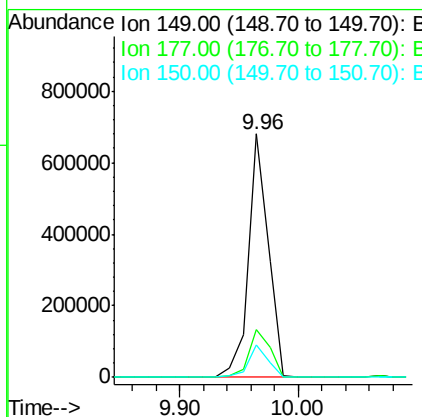
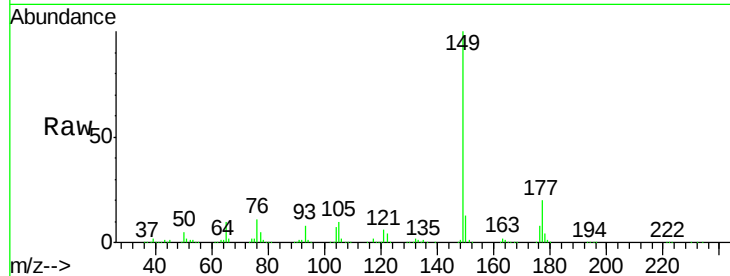
#59
Diethylphthalate
Concen: 49.54 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	796037		
177	19.5		15.8	23.6
150	13.1		10.4	15.6

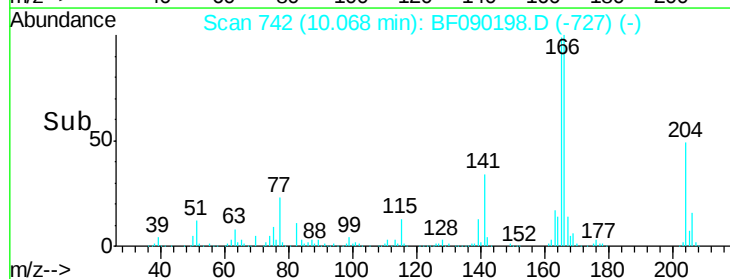
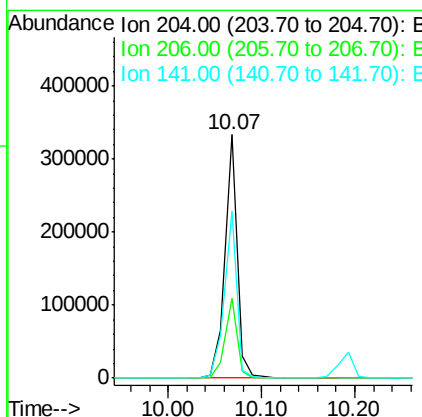
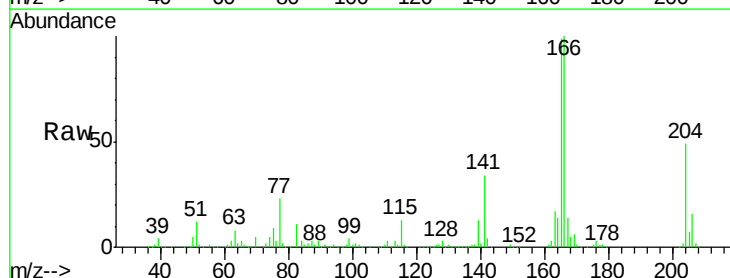
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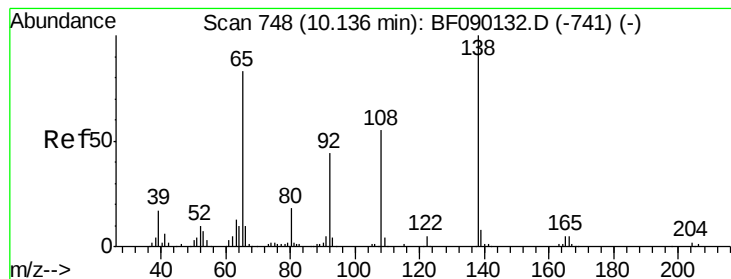
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#60
4-Chlorophenyl-phenylether
Concen: 50.53 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	303698		
206	32.8		25.6	38.4
141	68.5		64.4	96.6





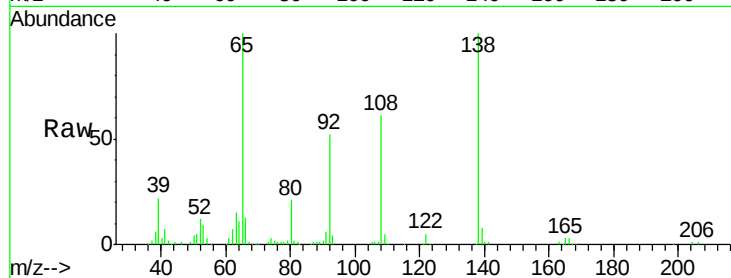
#61
4-Nitroaniline
Concen: 42.83 ng
RT: 10.10 min Scan# 745
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleId :
PB93576BS

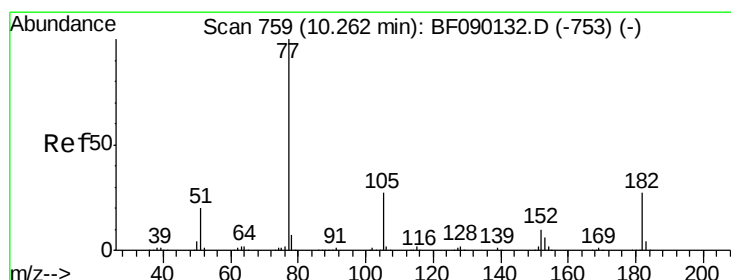
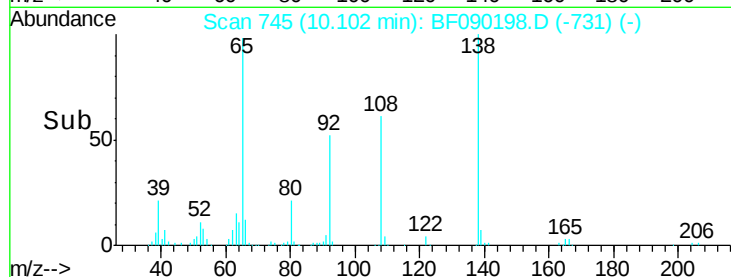
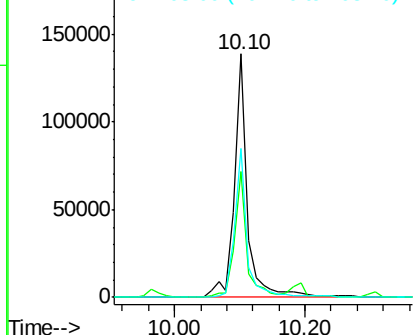
Tot Ion	Ratio	Lower	Upper
138	100		
92	51.8	23.8	63.8
108	61.0	35.0	75.0

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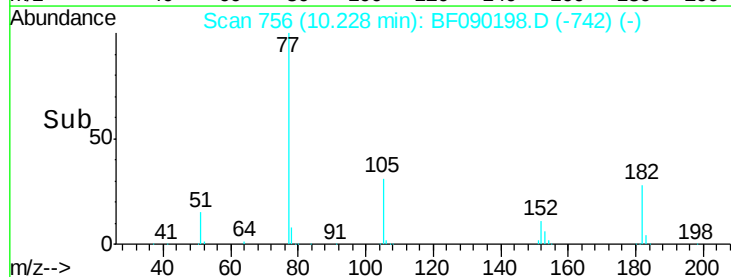
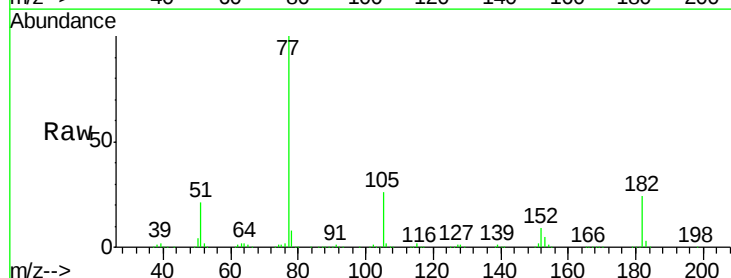
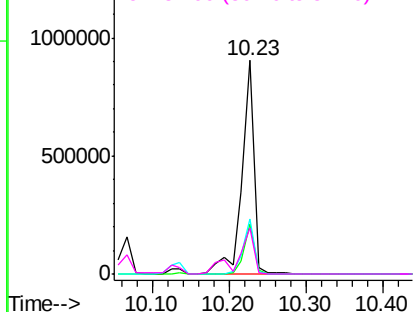
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

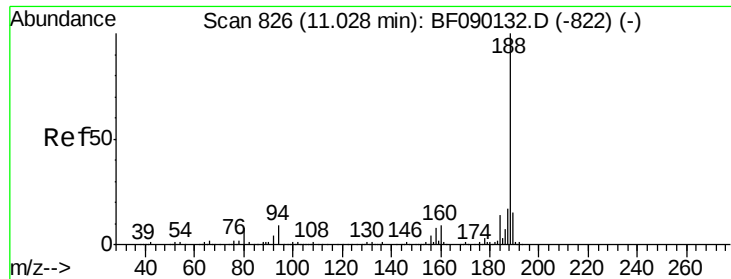


#62
Azobenzene
Concen: 59.39 ng
RT: 10.23 min Scan# 756
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	0.0	38.4
105	25.6	3.8	43.8
51	21.3	2.6	42.6

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





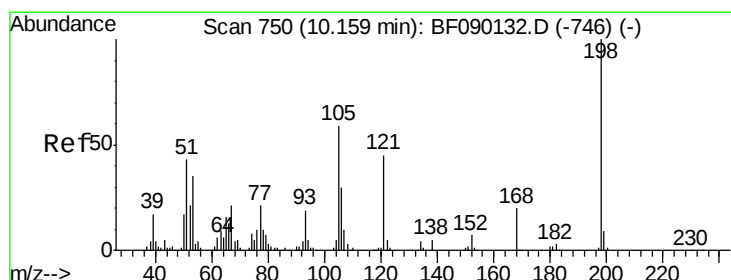
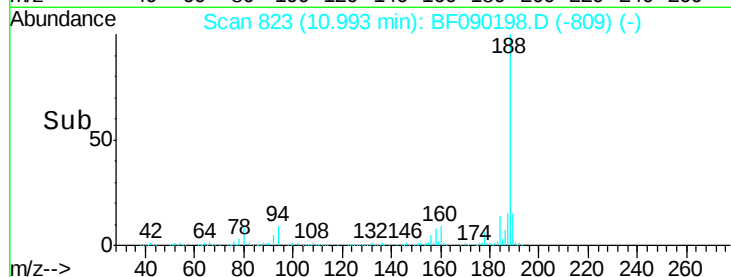
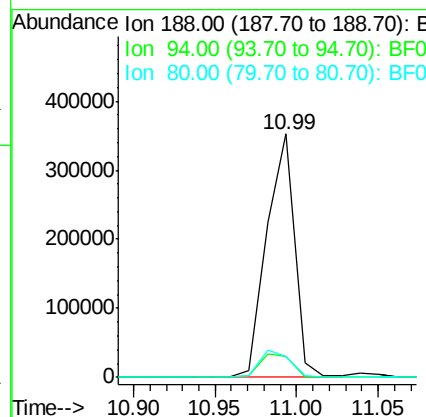
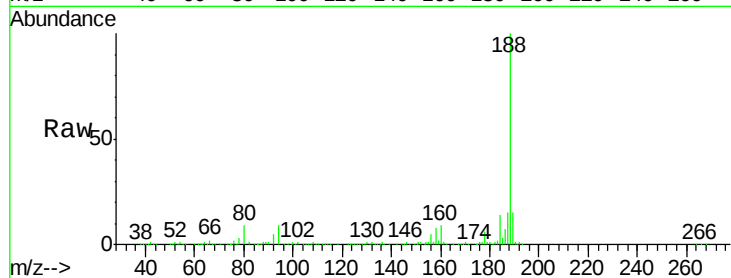
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	420513		
94	8.7	10.5	15.7#	
80	8.5	11.2	16.8#	

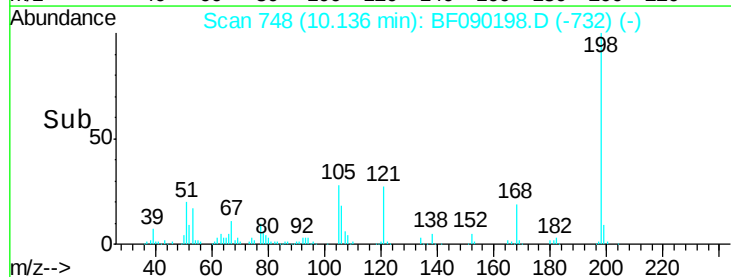
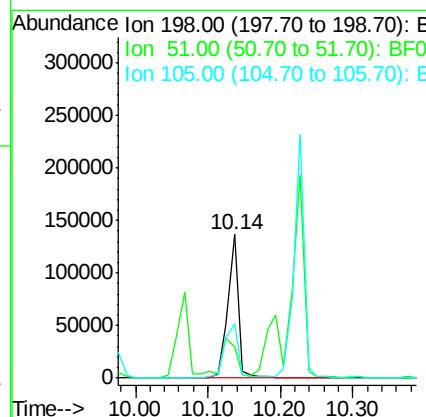
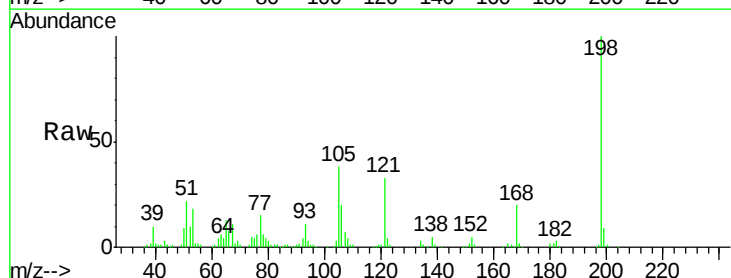
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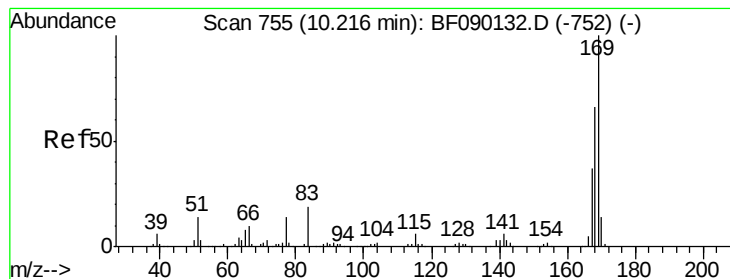
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#64
4,6-Dinitro-2-methylphenol
Concen: 54.01 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.02 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	142245		
51	22.0	5.5	45.5	
105	37.5	21.8	61.8	





#65

n-Nitrosodiphenylamine

Concen: 54.57 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

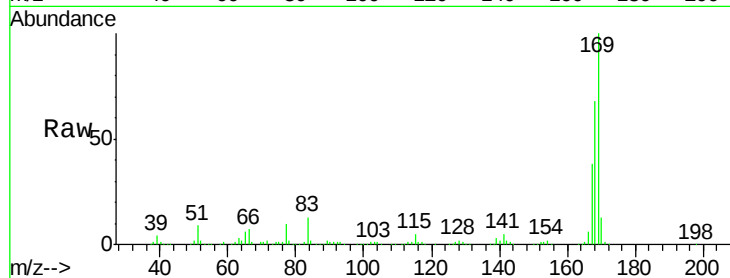
ClientSampleId :

PB93576BS

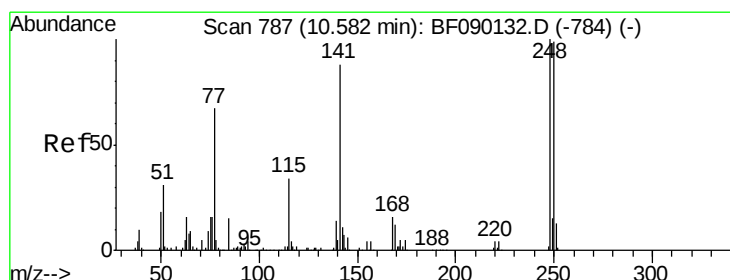
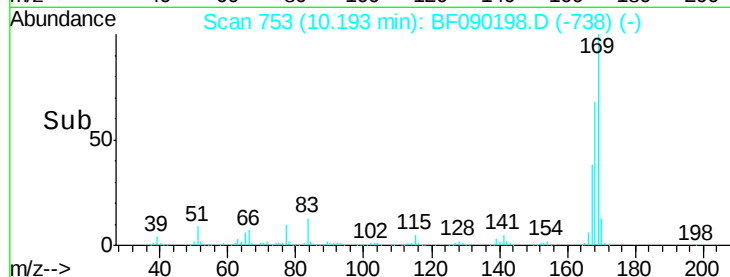
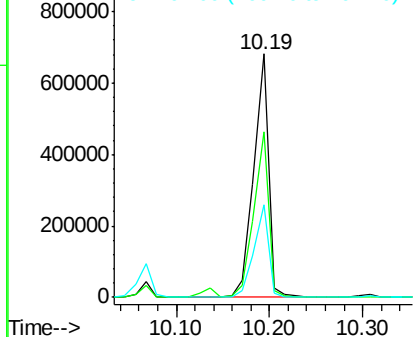
Tot Ion:	169	Resp:	754637
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.2	81.4
167	38.3	30.3	45.5

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



#66

4-Bromophenyl-phenylether

Concen: 48.98 ng

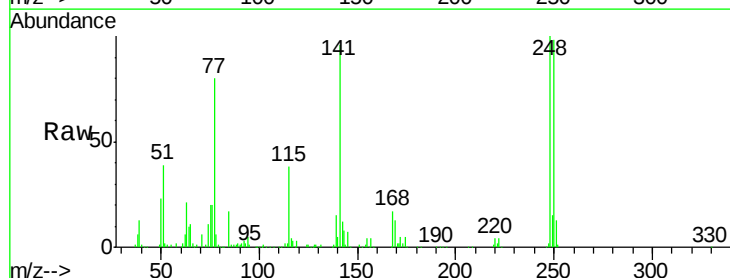
RT: 10.55 min Scan# 784

Delta R.T. -0.03 min

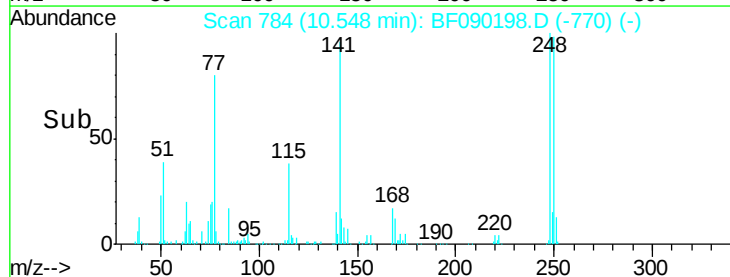
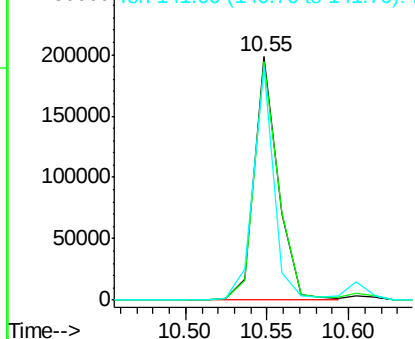
Lab File: BF090198.D

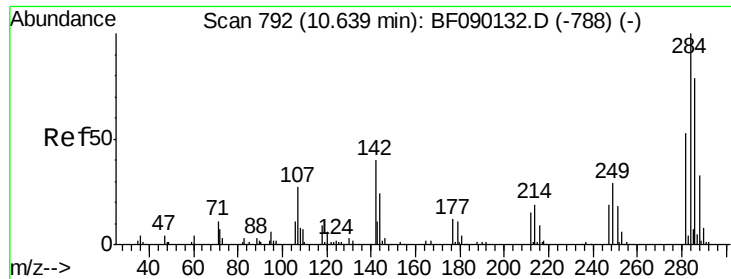
Acq: 23 Sep 2016 15:28

Tgt Ion:	248	Resp:	202656
Ion Ratio	Lower	Upper	
248	100		
250	98.0	79.4	119.2
141	95.9	49.3	73.9#



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





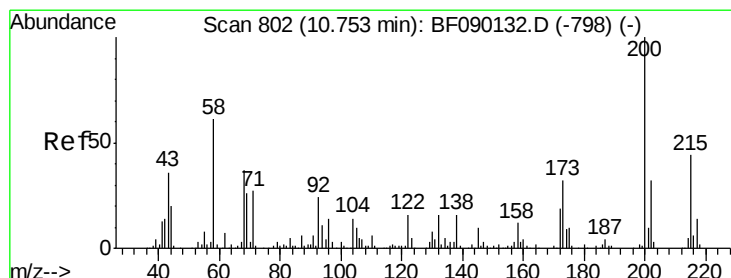
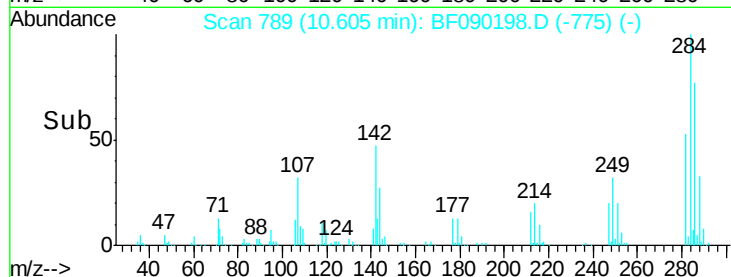
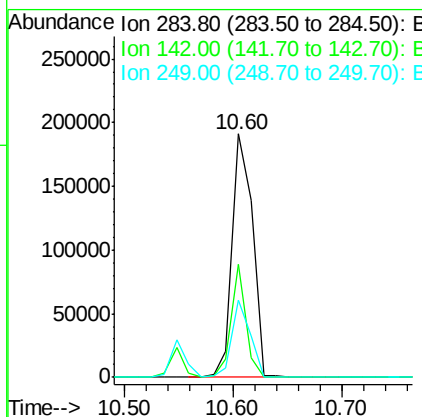
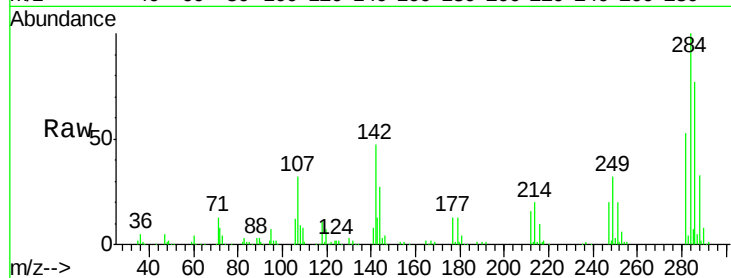
#67
Hexachlorobenzene
Concen: 50.75 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampled :
PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	244776		
142	46.6	24.0	36.0	
249	31.7	23.8	35.6	

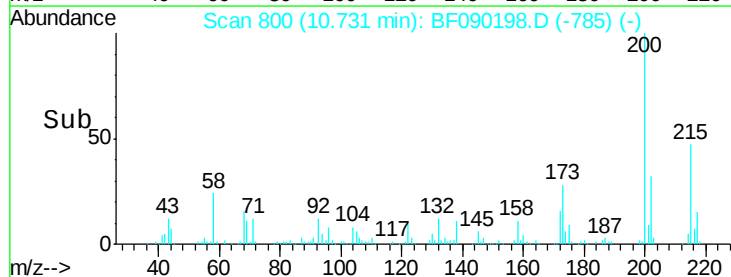
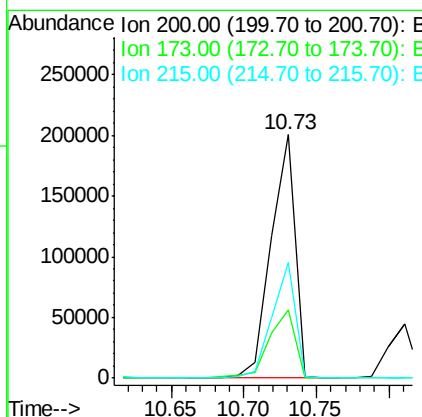
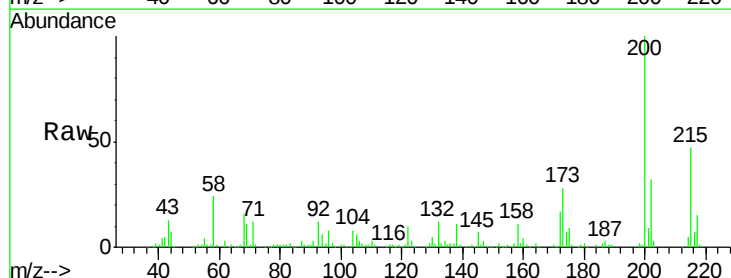
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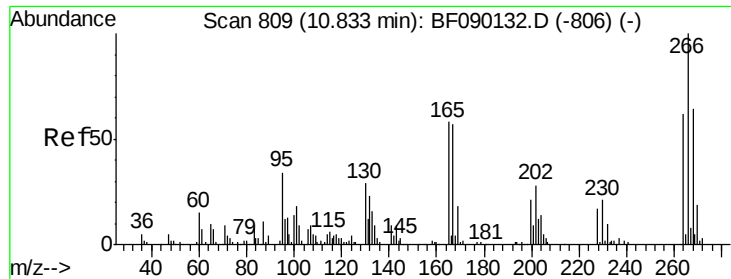
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#68
Atrazine
Concen: 61.10 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	231536		
173	28.1	9.3	49.3	
215	47.3	26.1	66.1	





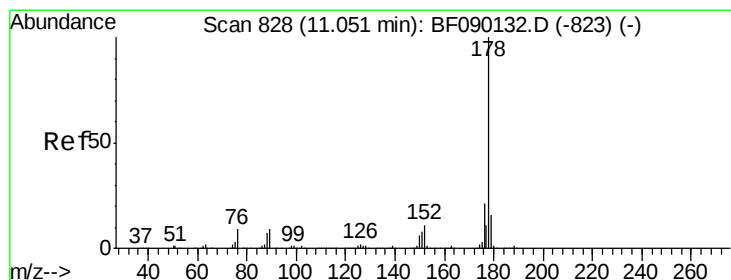
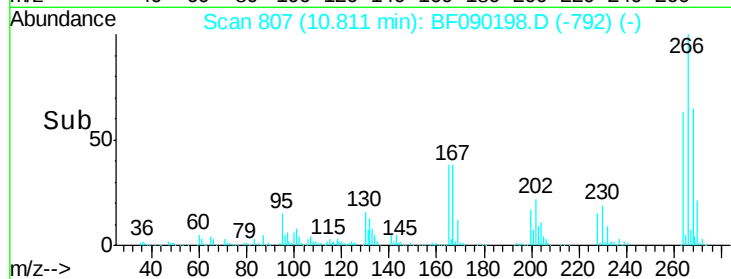
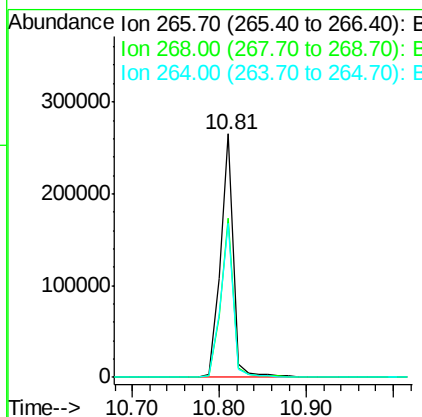
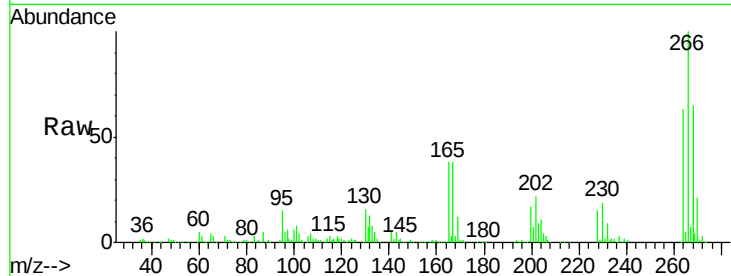
#69
 Pentachlorophenol
 Concen: 102.57 ng
 RT: 10.81 min Scan# 807
 Delta R.T. -0.02 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.1	78.1
264	63.3	50.3	75.5

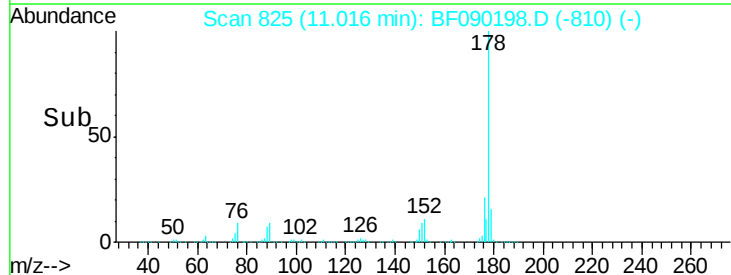
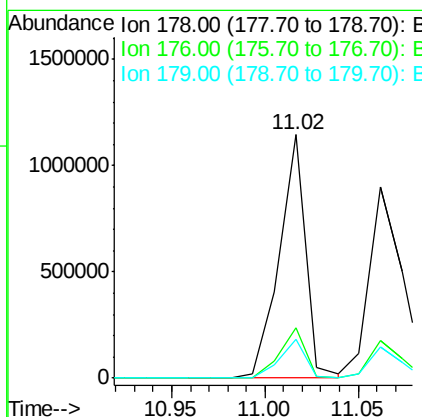
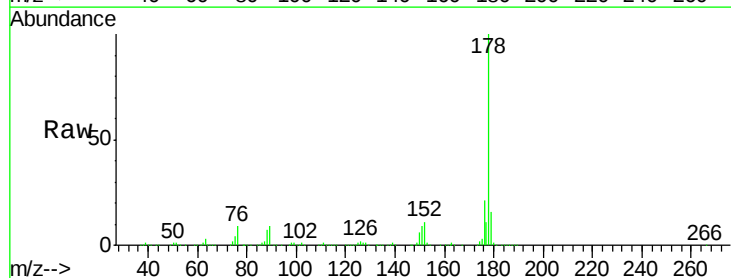
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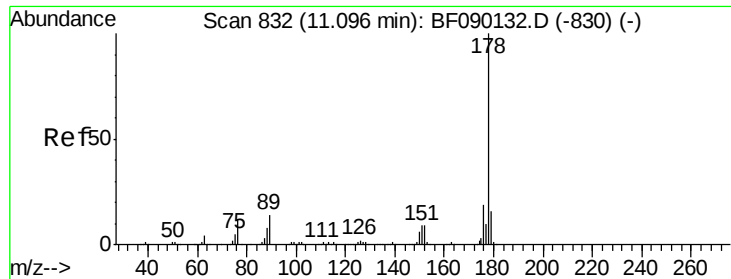
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#70
 Phenanthrene
 Concen: 57.22 ng
 RT: 11.02 min Scan# 825
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.9	23.9
179	15.8	12.9	19.3





#71

Anthracene

Concen: 52.43 ng

RT: 11.06 min Scan# 829

Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

ClientSampleId :

PB93576BS

Tot Ion:178 Resp: 1081376

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.6

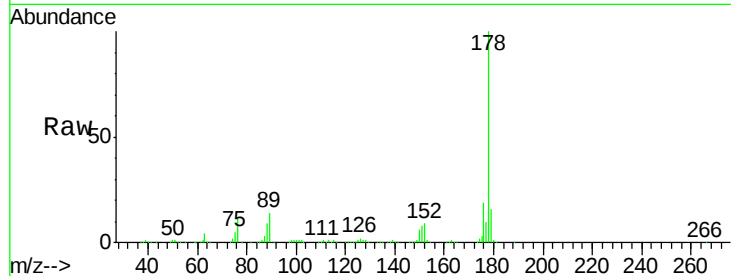
179 16.1 12.6 19.0

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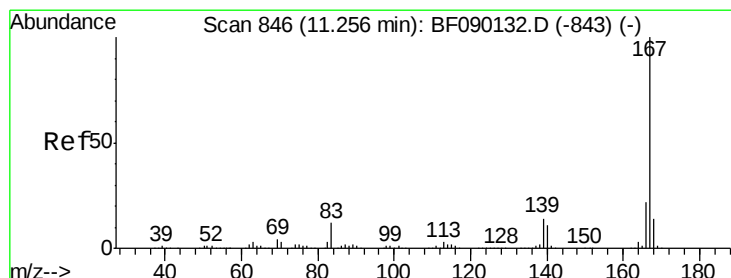
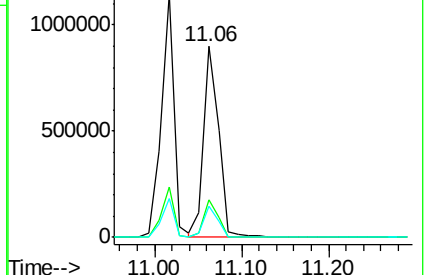
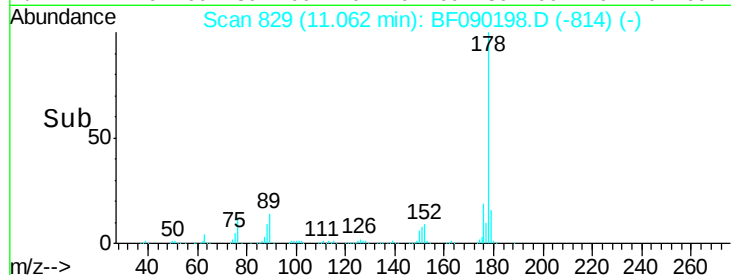
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 50.17 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

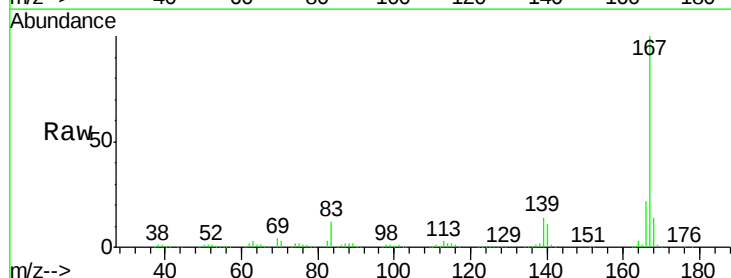
Tgt Ion:167 Resp: 1094029

Ion Ratio Lower Upper

167 100

166 21.8 18.0 27.0

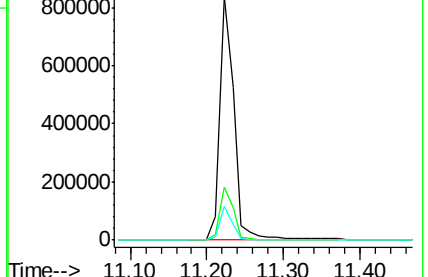
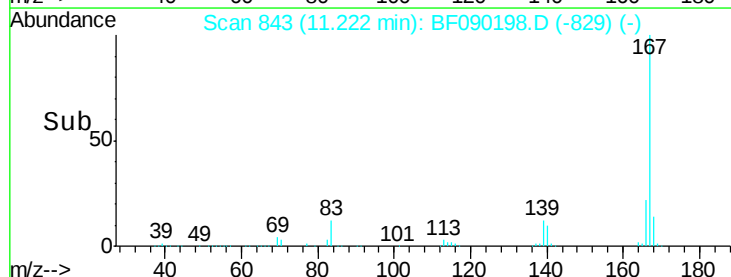
139 13.9 10.4 15.6

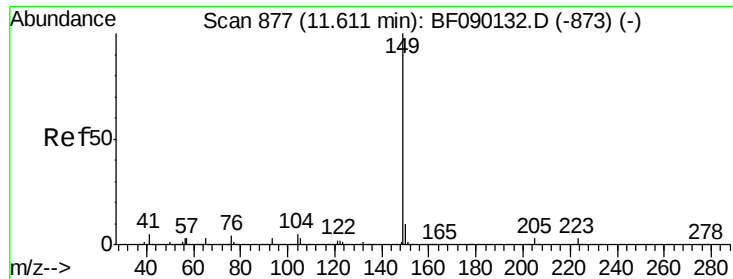


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.23 ng

RT: 11.58 min Scan# 874

Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

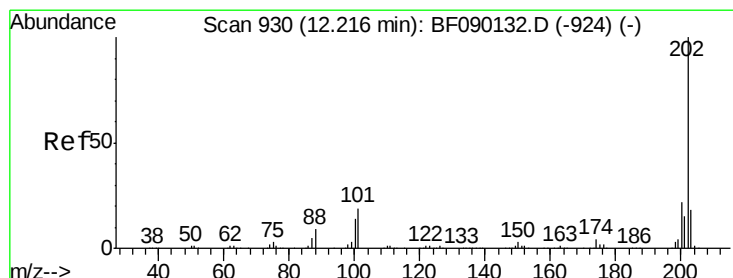
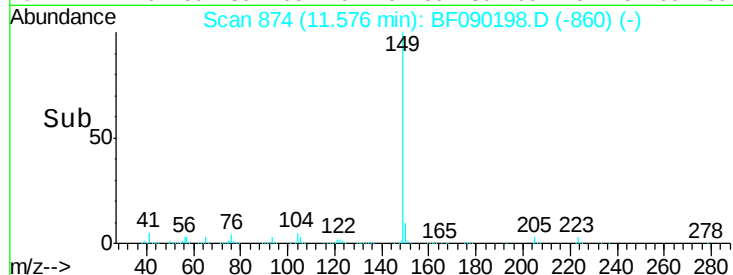
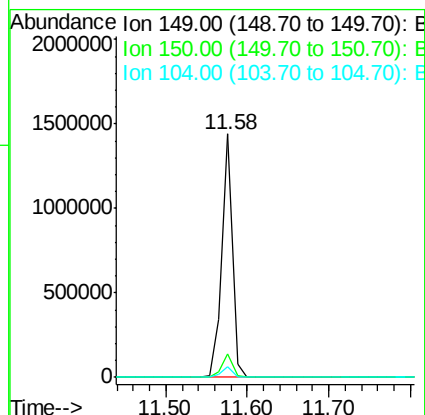
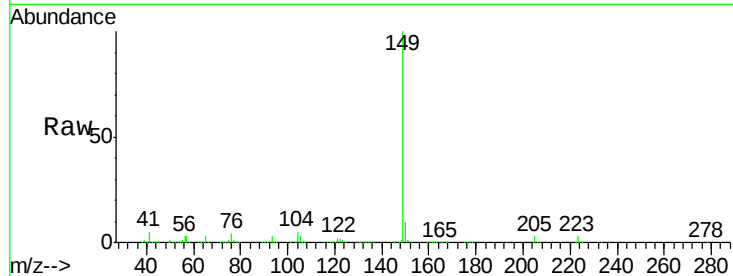
ClientSampleId :

PB93576BS

Tot Ion:	149	Resp:	1299077
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.8	11.8
104	4.5	3.9	5.9

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#74

Fluoranthene

Concen: 56.79 ng

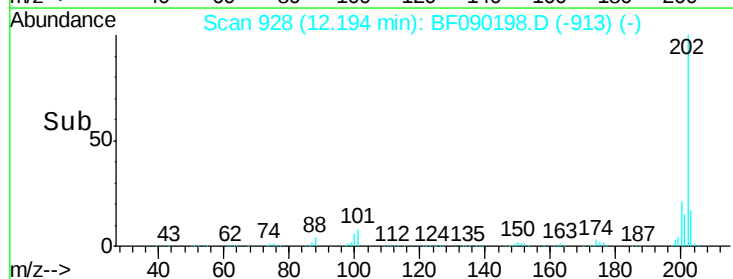
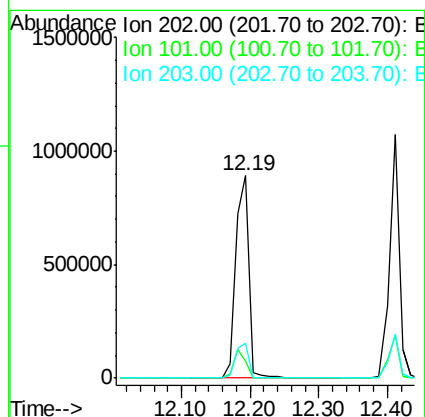
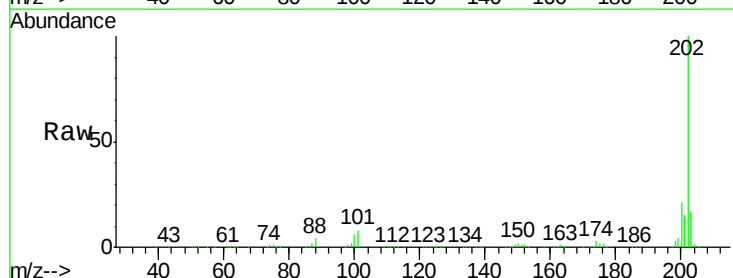
RT: 12.19 min Scan# 928

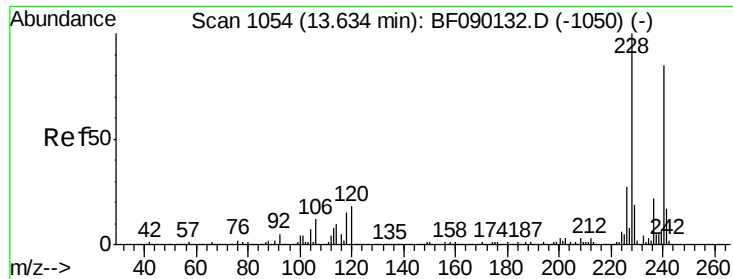
Delta R.T. -0.02 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Tgt Ion:	202	Resp:	1198861
Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	36.1
203	17.2	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

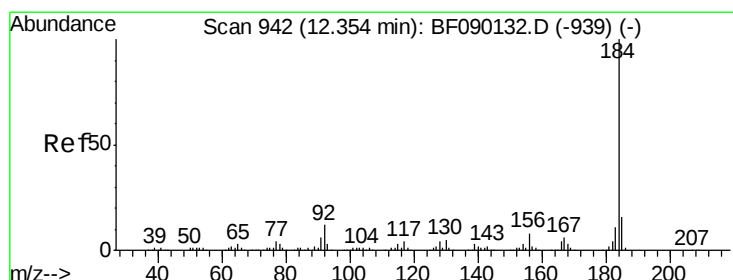
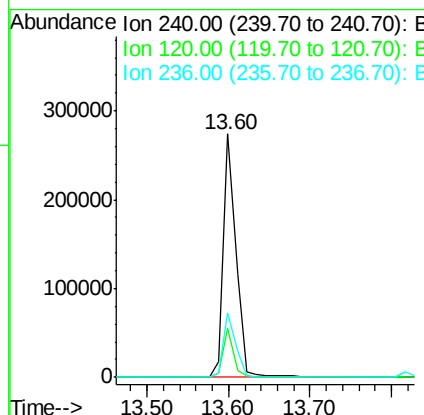
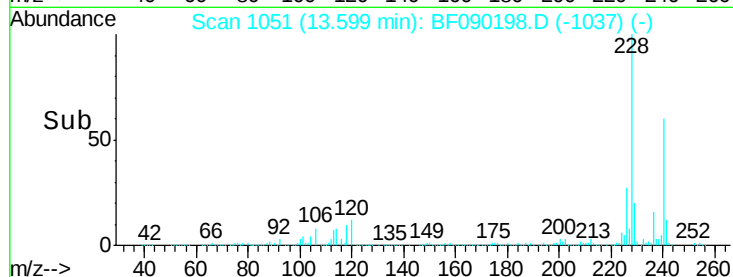
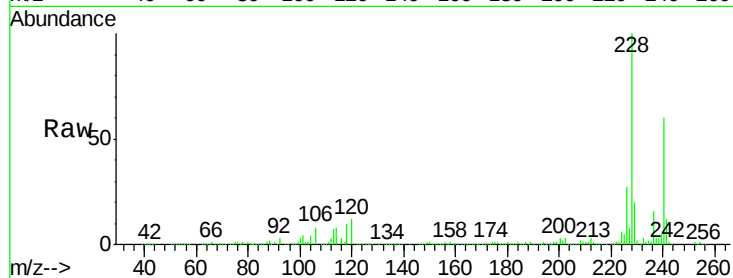
ClientSampleId :

PB93576BS

Tot Ion:	240	Resp:	294077
Ion Ratio	Lower	Upper	
240	100		
120	20.0	10.6	16.0#
236	26.4	21.6	32.4

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#76

Benzidine

Concen: 19.16 ng

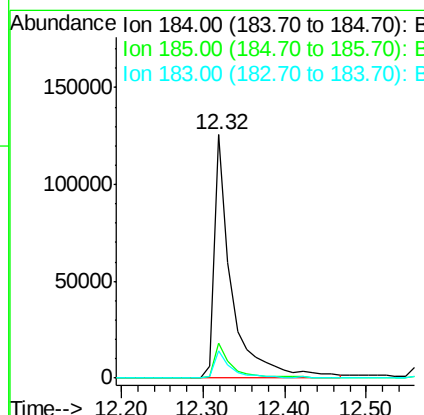
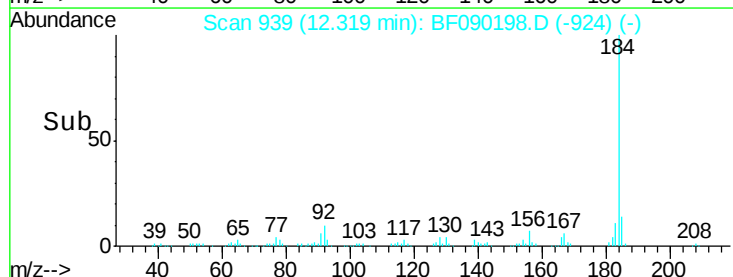
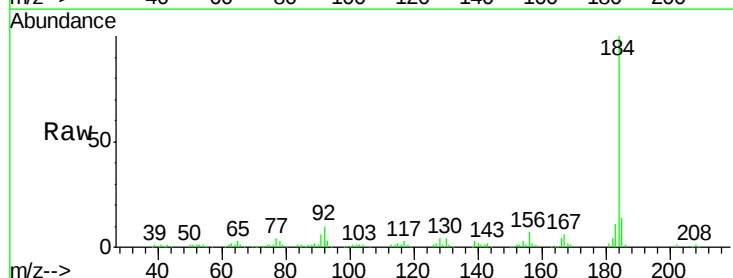
RT: 12.32 min Scan# 939

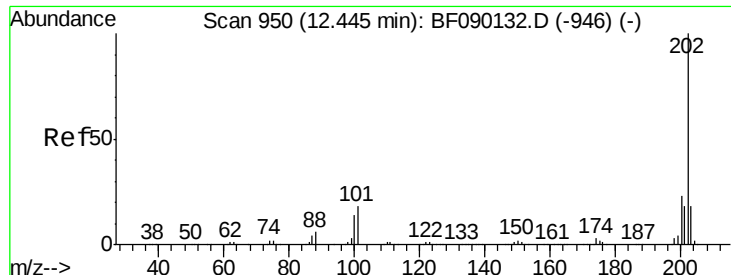
Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Tgt Ion:	184	Resp:	188593
Ion Ratio	Lower	Upper	
184	100		
185	14.5	13.2	19.8
183	11.0	9.2	13.8





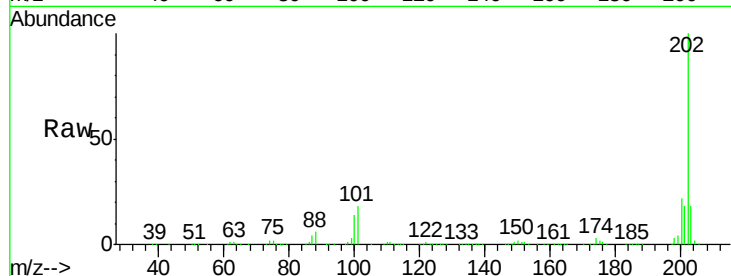
#77
Pvrene
Concen: 53.08 ng
RT: 12.41 min Scan# 947
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleId :
PB93576BS

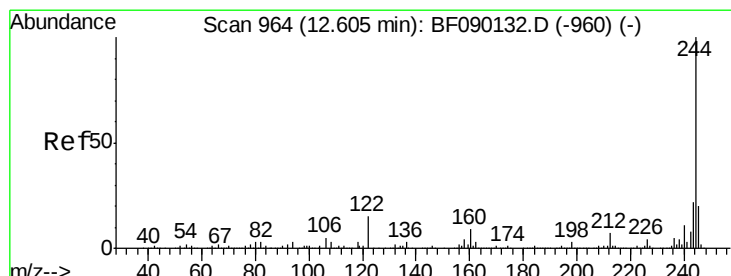
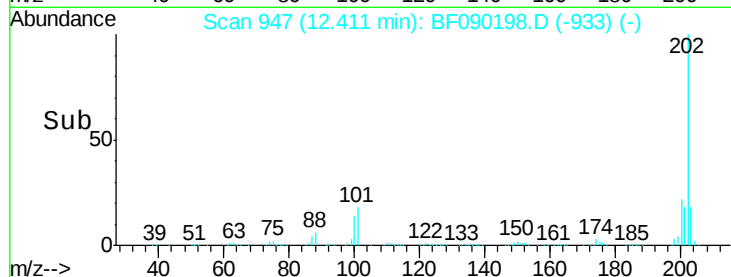
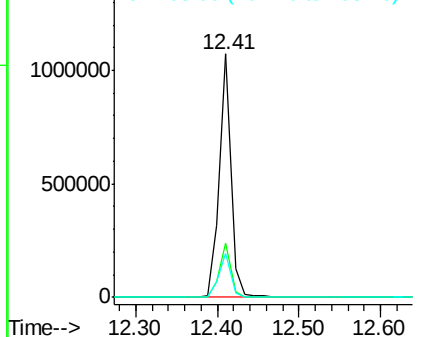
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.9	26.9
203	18.0	14.2	21.4

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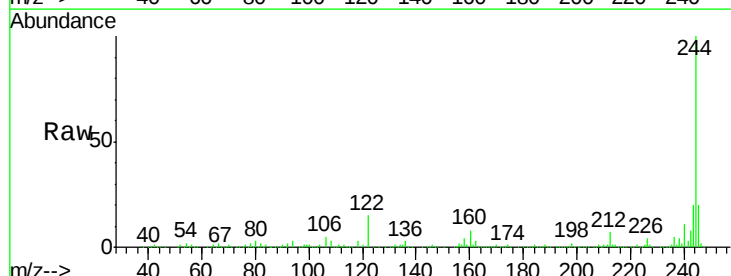


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

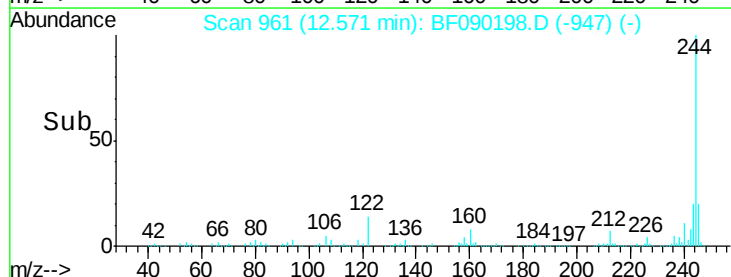
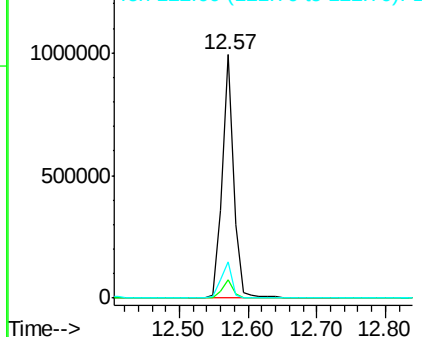


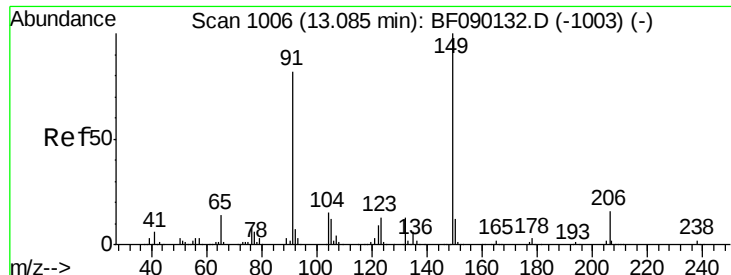
#78
Terphenyl-d14
Concen: 102.36 ng
RT: 12.57 min Scan# 961
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	14.9	9.4	14.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





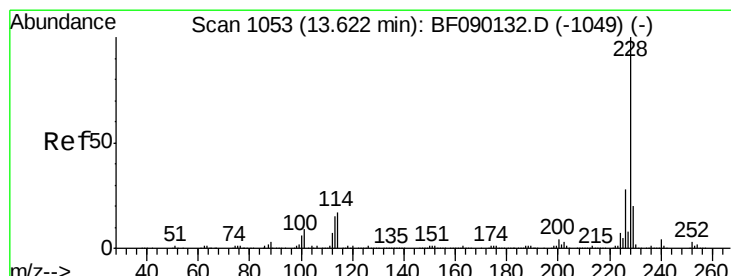
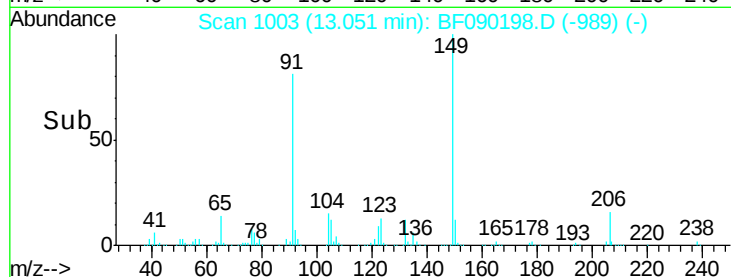
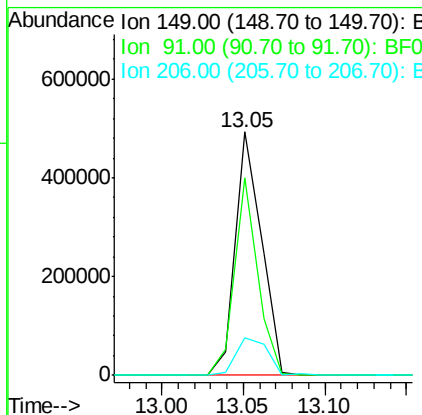
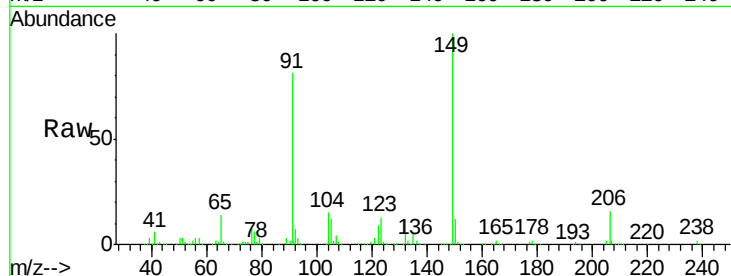
#79
Butylbenzylphthalate
Concen: 55.51 ng
RT: 13.05 min Scan# 1003
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	81.0	49.8	74.6#
206	15.6	16.3	24.5#

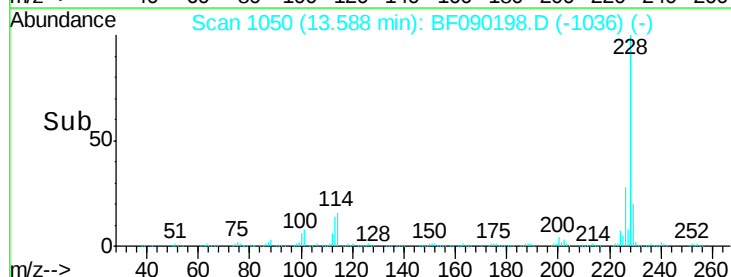
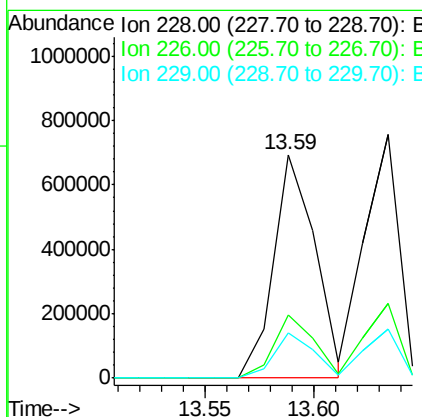
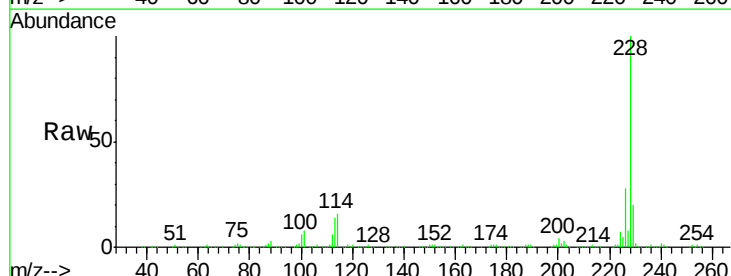
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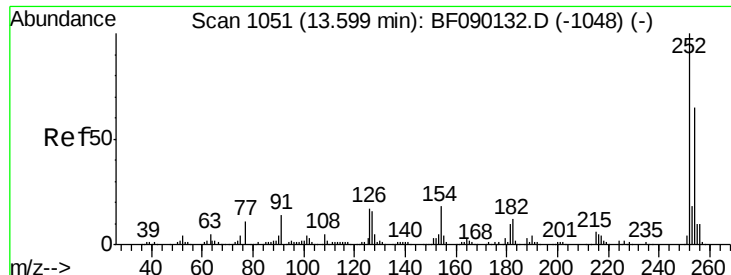
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#80
Benzo(a)anthracene
Concen: 58.93 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.0	33.0
229	20.2	16.2	24.2





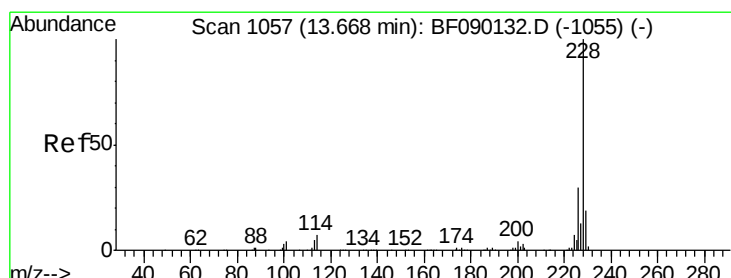
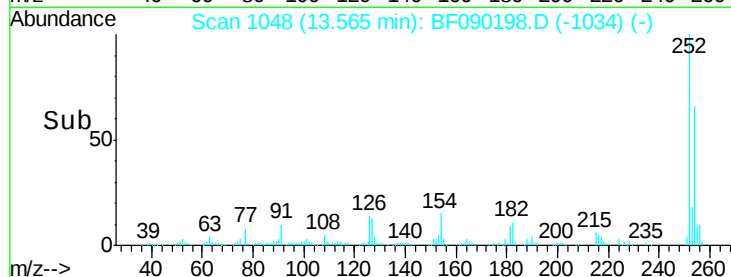
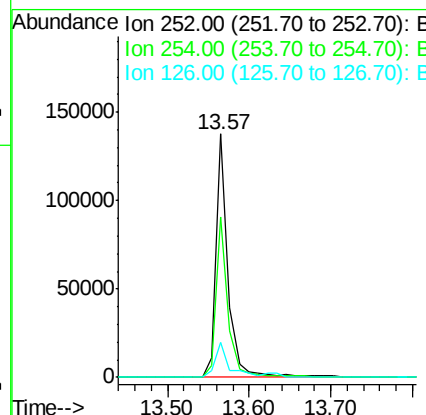
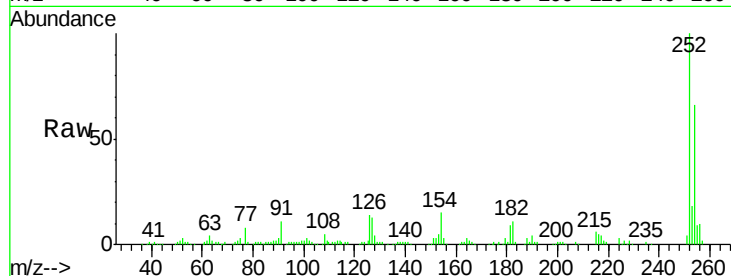
#81
 3,3'-Dichlorobenzidine
 Concen: 22.23 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.6	50.7	76.1
126	14.5	9.2	13.8

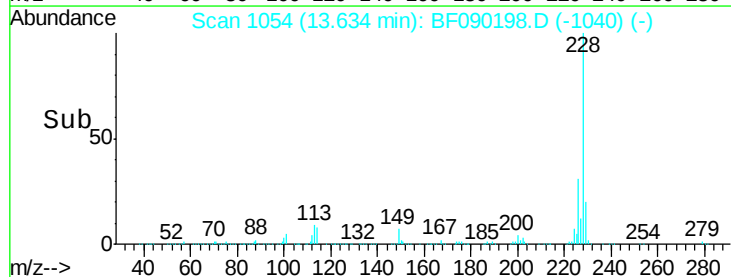
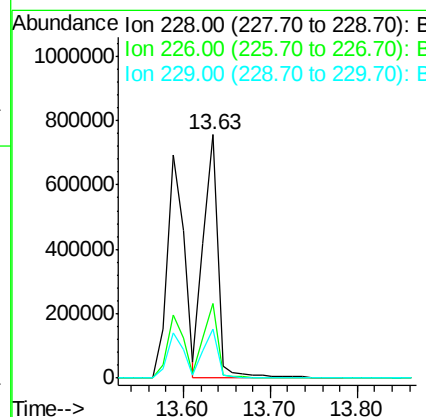
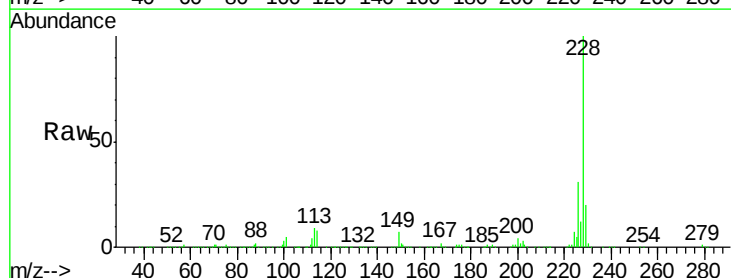
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#82
 Chrysene
 Concen: 56.36 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.03 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.7	24.6	37.0
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.01 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

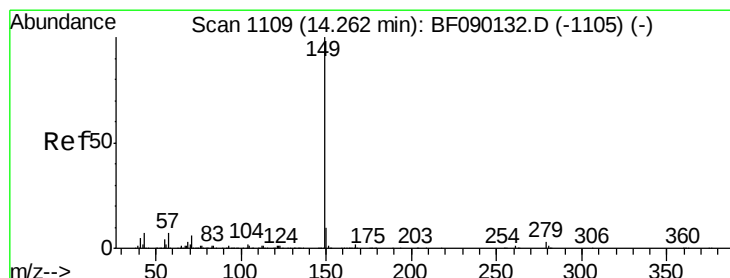
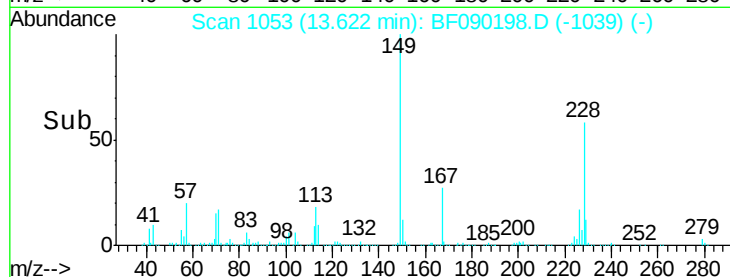
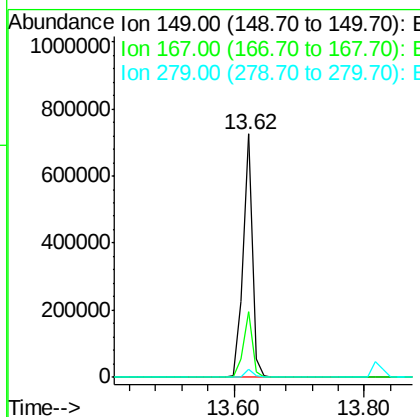
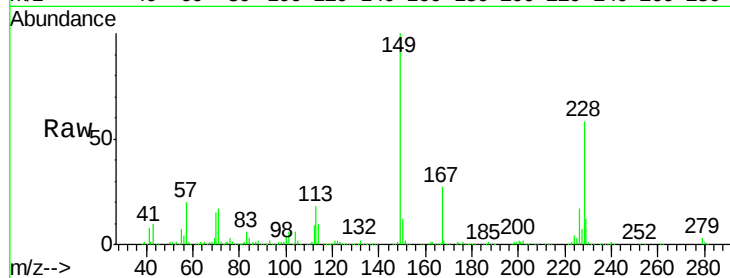
ClientSampled :

PB93576BS

Tot Ion:	149	Resp:	705517
Ion Ratio	Lower	Upper	
149	100		
167	26.8	21.2	31.8
279	3.2	2.2	3.2

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#84

Di-n-octyl phthalate

Concen: 58.36 ng

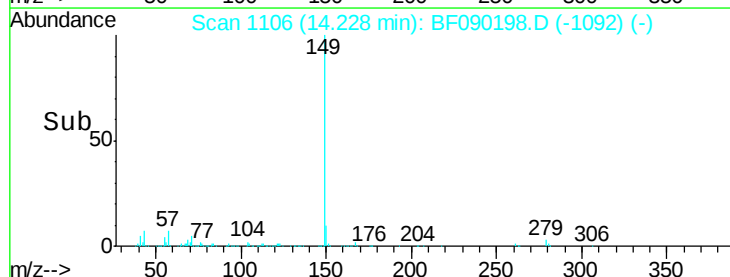
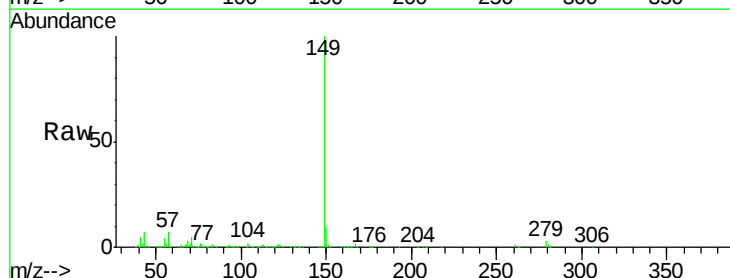
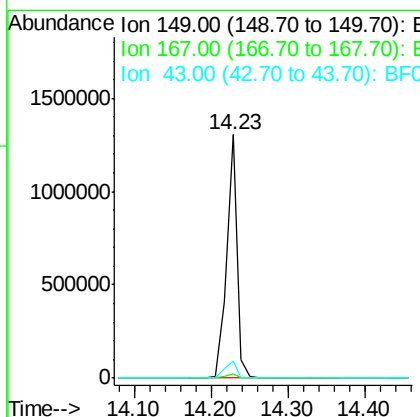
RT: 14.23 min Scan# 1106

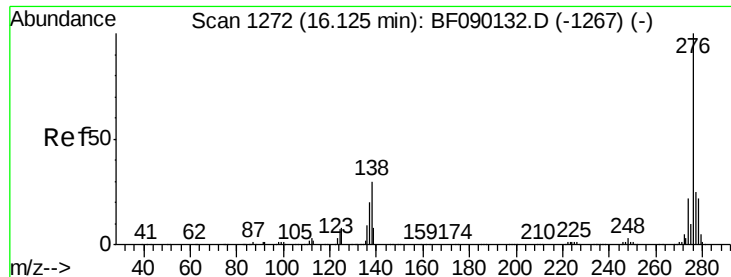
Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Tgt Ion:	149	Resp:	1266356
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	7.9	6.8	10.2





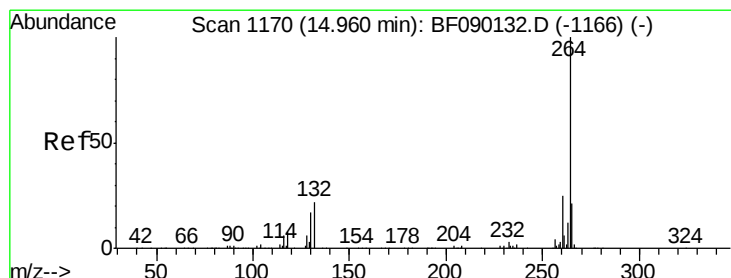
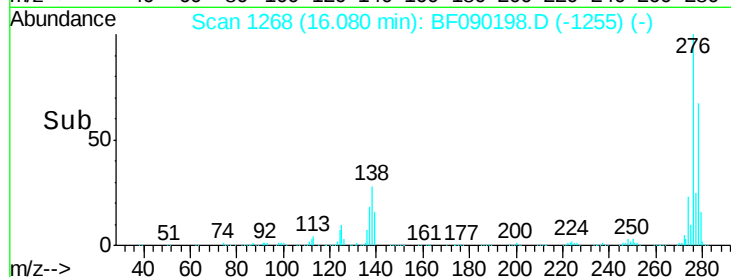
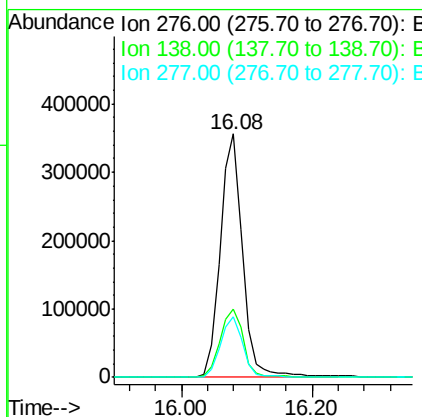
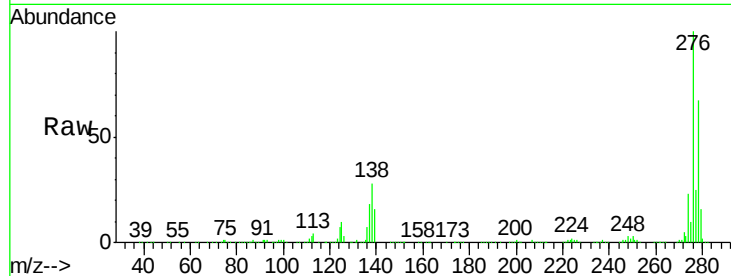
#85
Indeno(1,2,3-cd)pyrene
Concen: 68.21 ng
RT: 16.08 min Scan# 1268
Delta R.T. -0.05 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion:	276	Resp:	849995
Ion Ratio	Lower	Upper	
276	100		
138	29.7	25.9	38.9
277	25.3	19.9	29.9

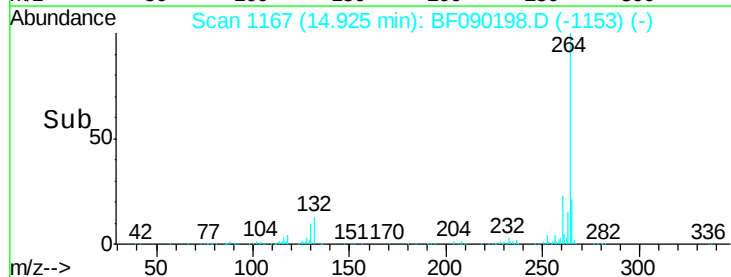
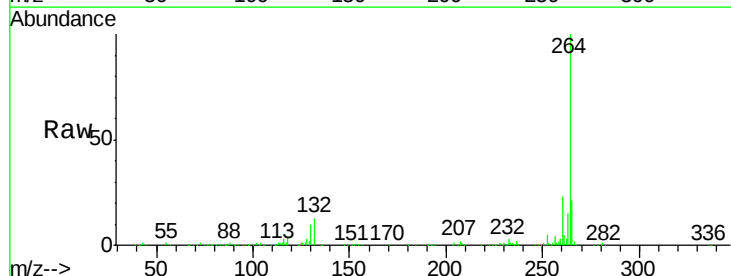
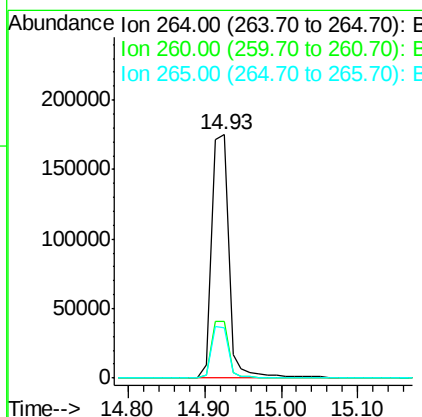
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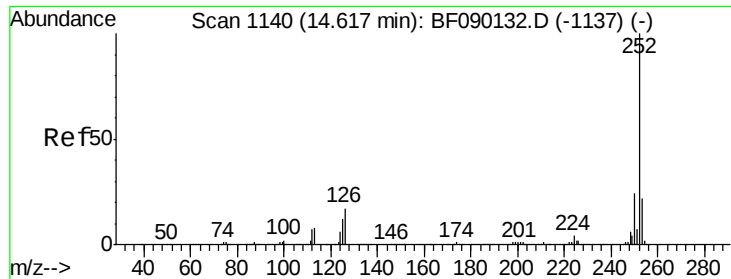
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#86
Perylene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion:	264	Resp:	272050
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.5	29.3
265	20.8	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 54.60 ng m

RT: 14.58 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Instrument :

BNA_F

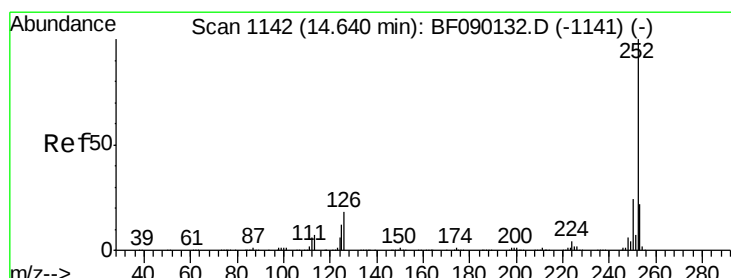
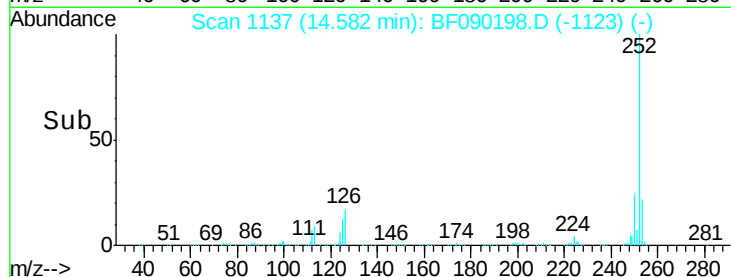
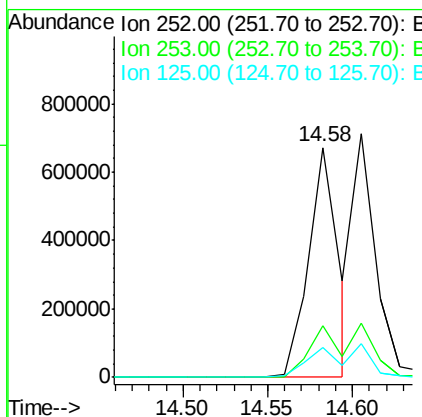
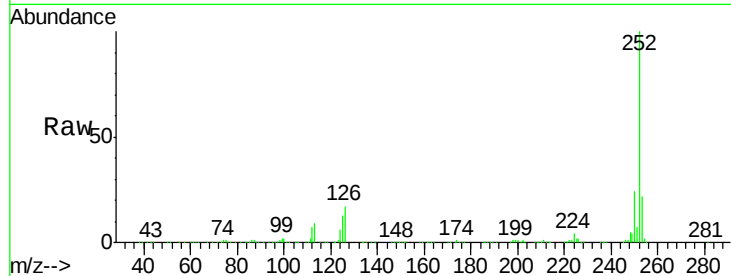
ClientSampleId :

PB93576BS

Tot Ion:	252	Resp:	822510
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	12.9	12.7	19.1

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#88

Benzo(k)fluoranthene

Concen: 50.70 ng m

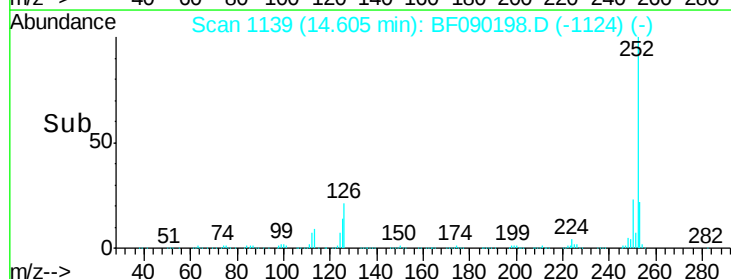
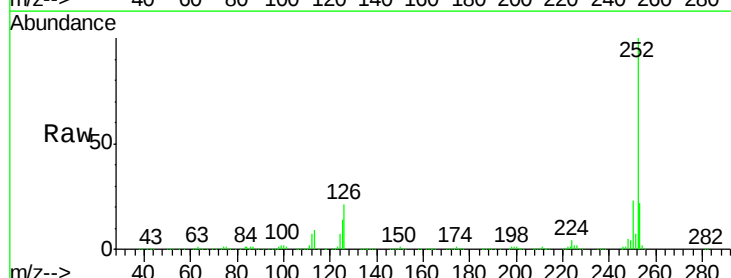
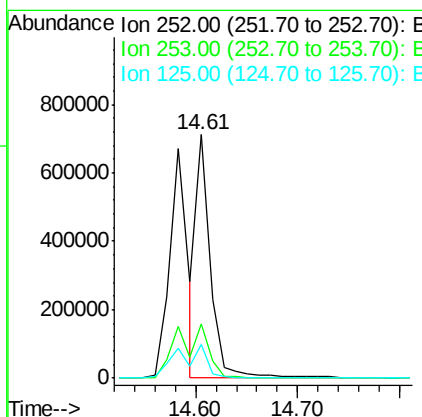
RT: 14.61 min Scan# 1139

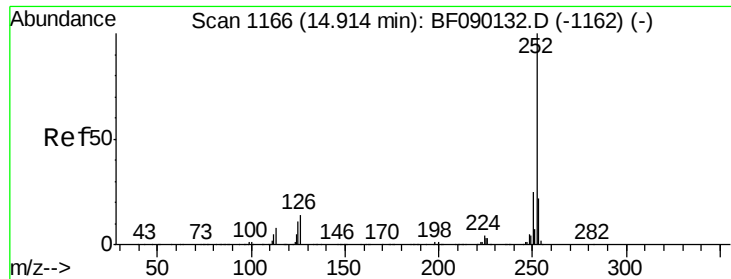
Delta R.T. -0.03 min

Lab File: BF090198.D

Acq: 23 Sep 2016 15:28

Tgt Ion:	252	Resp:	716843
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.8
125	13.8	7.8	11.6#





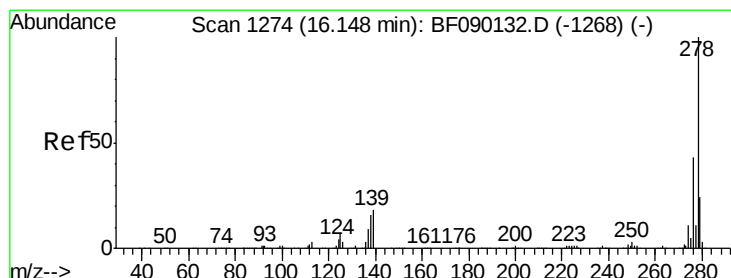
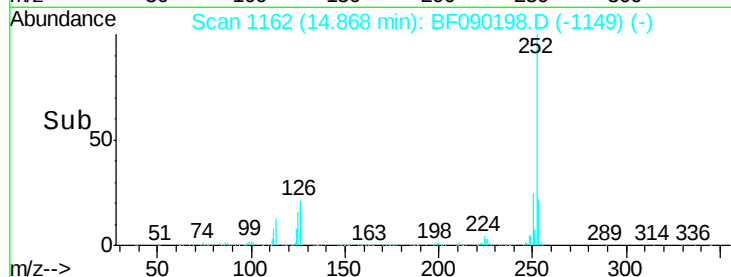
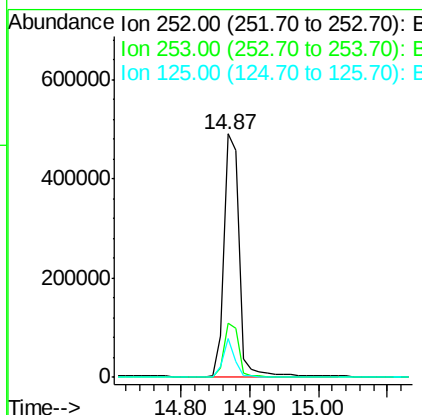
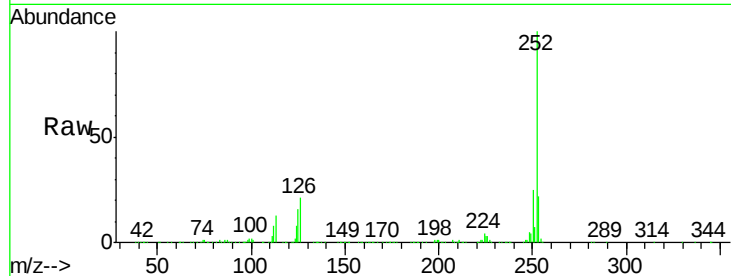
#89
Benzo(a)pyrene
Concen: 54.16 ng
RT: 14.87 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	16.0	7.7	11.5

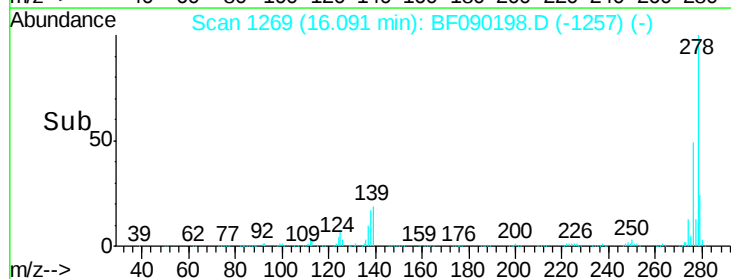
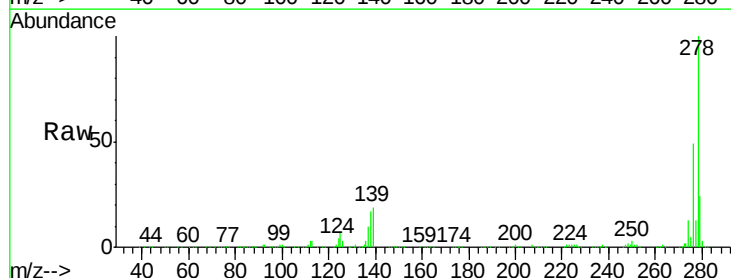
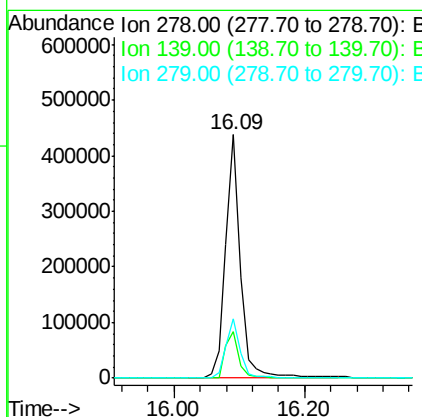
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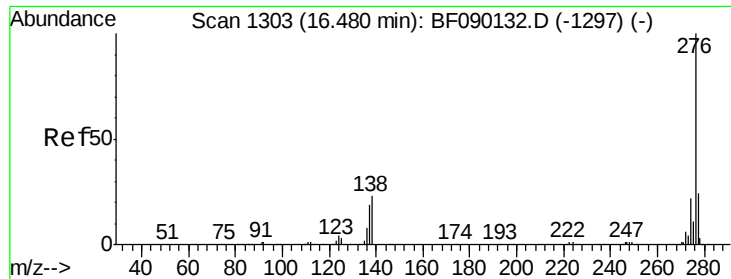
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#90
Dibenzo(a,h)anthracene
Concen: 62.92 ng
RT: 16.09 min Scan# 1269
Delta R.T. -0.06 min
Lab File: BF090198.D
Acq: 23 Sep 2016 15:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.6	21.8
279	24.3	18.8	28.2





#91
 Benzo(a,h,i)perylene
 Concen: 67.77 ng
 RT: 16.42 min Scan# 1298
 Delta R.T. -0.06 min
 Lab File: BF090198.D
 Acq: 23 Sep 2016 15:28

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion:	276	Resp:	733467
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.9	28.3
138	23.8	23.3	34.9

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