

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
 Data File : BF090140.D
 Acq On : 20 Sep 2016 18:07
 Operator : UM/SJ
 Sample : PB93481BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Manual Integrations
 APPROVED

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 9/21/2016 4:16:46 PM

Quant Time: Sep 21 01:57:25 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	6.52	152	172443m	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	695154m	20.00	ng	0.00
38) Acenaphthene-d10	9.55	164	362142	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	581286	20.00	ng	0.00
75) Chrysene-d12	13.63	240	344226	20.00	ng	0.00
86) Perylene-d12	14.96	264	301753	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	1359381	128.49	ng	0.02
7) Phenol-d6	6.19	99	1796420	137.50	ng	0.02
23) Nitrobenzene-d5	7.10	82	1000469	83.43	ng	0.00
41) 2,4,6-Tribromophenol	10.34	330	375555	120.88	ng	0.00
44) 2-Fluorobiphenyl	8.89	172	1707800	92.58	ng	0.00
78) Terphenyl-d14	12.59	244	2877565	212.24	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	198780	34.63	ng	# 96
3) Pyridine	2.59	79	600218	48.22	ng	90
4) n-Nitrosodimethylamine	2.56	42	189572	51.03	ng	96
6) Aniline	6.19	93	203523m	12.50	ng	
8) 2-Chlorophenol	6.31	128	506965	41.65	ng	93
9) Benzaldehyde	6.06	77	54183	9.52	ng	96
10) Phenol	6.20	94	729883m	47.26	ng	
11) bis(2-Chloroethyl)ether	6.27	93	525394	43.62	ng	90
12) 1,3-Dichlorobenzene	6.46	146	529662m	41.65	ng	
13) 1,4-Dichlorobenzene	6.54	146	544109m	41.91	ng	
14) 1,2-Dichlorobenzene	6.70	146	491776	42.52	ng	96
15) Benzyl Alcohol	6.68	79	370375	47.54	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.82	45	592275m	41.15	ng	
17) 2-Methylphenol	6.81	107	449637m	46.89	ng	
18) Hexachloroethane	7.03	117	208227m	44.96	ng	
19) n-Nitroso-di-n-propylamine	6.96	70	364541m	47.50	ng	
20) 3+4-Methylphenols	6.97	107	567839	49.33	ng	97
22) Acetophenone	6.95	105	704402	42.02	ng	# 98
24) Nitrobenzene	7.12	77	587580	47.03	ng	# 85
25) Isophorone	7.36	82	1065058	42.51	ng	97
26) 2-Nitrophenol	7.44	139	286589	46.58	ng	# 79
27) 2,4-Dimethylphenol	7.50	122	510261	46.68	ng	99
28) bis(2-Chloroethoxy)methane	7.59	93	711706	46.96	ng	99
29) 2,4-Dichlorophenol	7.68	162	422733	44.09	ng	87
30) 1,2,4-Trichlorobenzene	7.76	180	432541	45.16	ng	98
31) Naphthalene	7.83	128	1525923	46.10	ng	100
32) Benzoic acid	7.63	122	39944	5.32	ng	96
33) 4-Chloroaniline	7.92	127	66422	4.84	ng	96
34) Hexachlorobutadiene	7.96	225	219090	43.36	ng	98
35) Caprolactam	8.32	113	160053m	50.43	ng	
36) 4-Chloro-3-methylphenol	8.40	107	521943	48.16	ng	93
37) 2-Methylnaphthalene	8.52	142	939325	45.63	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	334914	40.29	ng	99
40) Hexachlorocyclopentadiene	8.68	237	393287	95.88	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	263597	44.50	ng	99
43) 2,4,5-Trichlorophenol	8.86	196	275929	44.99	ng #	87
45) 1,1'-Biphenyl	8.99	154	1059325	40.89	ng	97
46) 2-Chloronaphthalene	9.00	162	888865	46.50	ng	97
47) 2-Nitroaniline	9.12	65	291368	50.56	ng	86
48) Acenaphthylene	9.42	152	1267859	40.84	ng	99
49) Dimethylphthalate	9.31	163	1081827	46.90	ng	99
50) 2,6-Dinitrotoluene	9.36	165	225804	43.92	ng	96
51) Acenaphthene	9.59	154	774156	42.02	ng	100
52) 3-Nitroaniline	9.52	138	166212	27.58	ng	85
53) 2,4-Dinitrophenol	9.63	184	96845	35.50	ng	95
54) Dibenzofuran	9.76	168	1091358	45.01	ng	93
55) 4-Nitrophenol	9.71	139	351367	85.09	ng	83
56) 2,4-Dinitrotoluene	9.76	165	242888	39.96	ng	97
57) Fluorene	10.10	166	776861	42.51	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.88	232	215320m	46.89	ng	
59) Diethylphthalate	10.01	149	1171655	52.60	ng	95
60) 4-Chlorophenyl-phenylether	10.10	204	326226	39.15	ng	94
61) 4-Nitroaniline	10.14	138	227725	37.07	ng	87
62) Azobenzene	10.26	77	1232282	53.14	ng	95
64) 4,6-Dinitro-2-methylphenol	10.17	198	96628	26.54	ng	94
65) n-Nitrosodiphenylamine	10.23	169	857858	44.88	ng	100
66) 4-Bromophenyl-phenylether	10.58	248	249057	43.54	ng #	78
67) Hexachlorobenzene	10.65	284	290197	43.53	ng #	81
68) Atrazine	10.78	200	213474	40.76	ng	97
69) Pentachlorophenol	10.84	266	240769	63.63	ng	99
70) Phenanthrene	11.05	178	1201893	44.21	ng	99
71) Anthracene	11.11	178	1402130	49.18	ng	99
72) Carbazole	11.27	167	1392471	46.20	ng	99
73) Di-n-butylphthalate	11.62	149	1145137	32.67	ng	98
74) Fluoranthene	12.23	202	1319316	45.21	ng	97
76) Benzidine	12.38	184	23991	2.08	ng #	1
77) Pyrene	12.45	202	1271327	53.97	ng	99
79) Butylbenzylphthalate	13.09	149	721298	62.60	ng #	73
80) Benzo(a)anthracene	13.63	228	981385	52.99	ng	99
81) 3,3'-Dichlorobenzidine	13.60	252	159173	20.84	ng #	96
82) Chrysene	13.67	228	915359	50.74	ng	99
83) Bis(2-ethylhexyl)phthalate	13.66	149	1050954	71.28	ng	99
84) Di-n-octyl phthalate	14.26	149	1775992	69.92	ng #	91
85) Indeno(1,2,3-cd)pyrene	16.14	276	872966	59.85	ng	98
87) Benzo(b)fluoranthene	14.62	252	777928m	46.56	ng	
88) Benzo(k)fluoranthene	14.64	252	619645m	39.51	ng	
89) Benzo(a)pyrene	14.91	252	704962	44.85	ng	98
90) Dibenzo(a,h)anthracene	16.15	278	728786	59.42	ng	97
91) Benzo(g,h,i)perylene	16.48	276	769972	64.14	ng	98

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

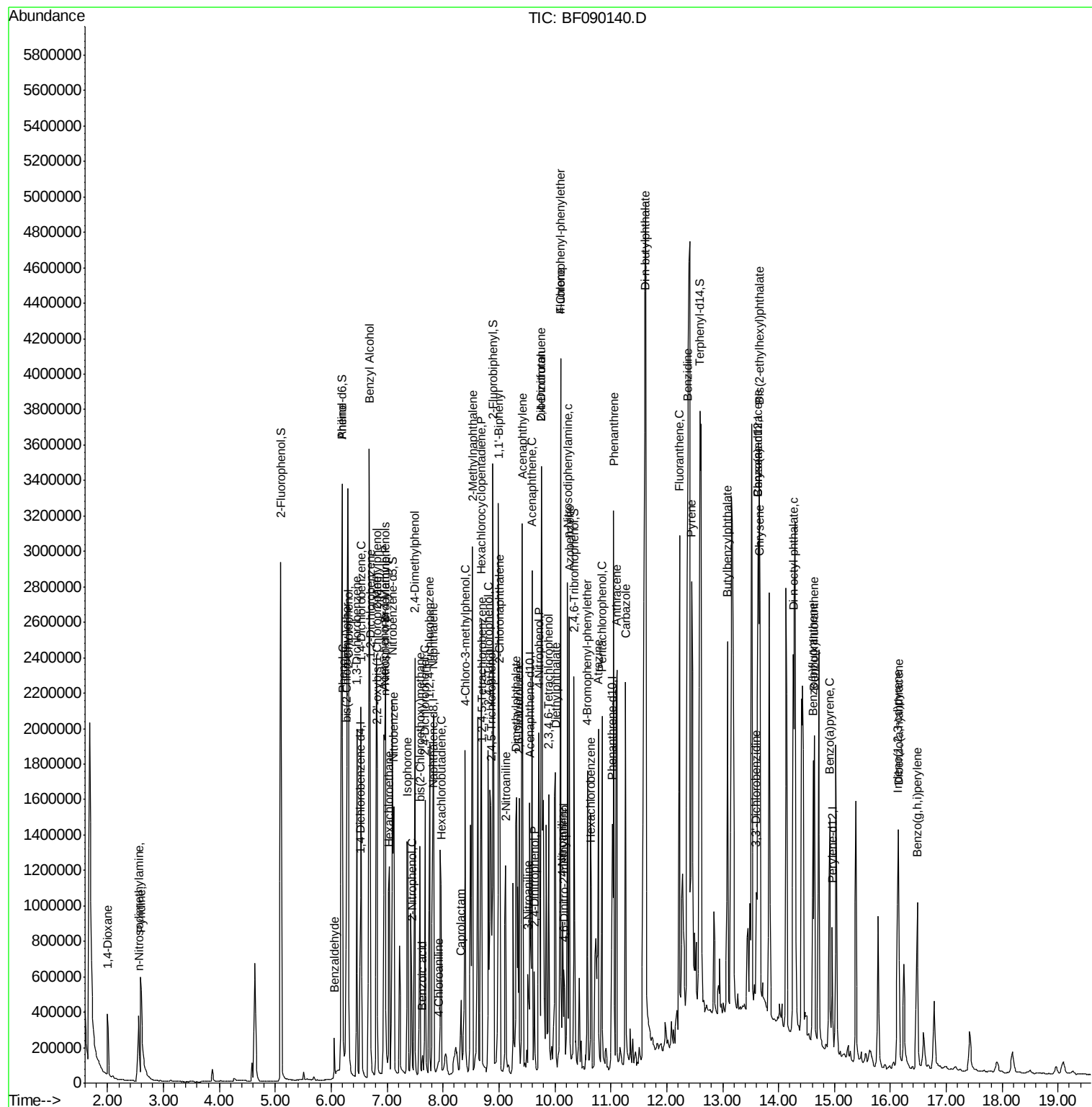
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092016\
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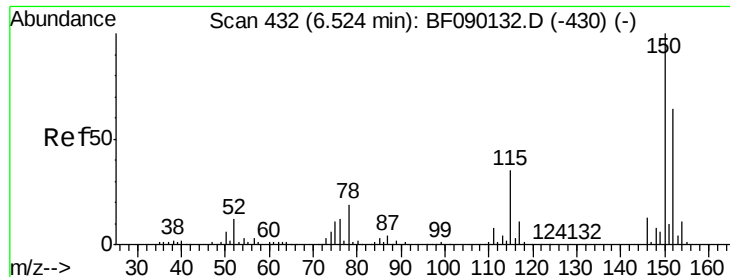
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#1

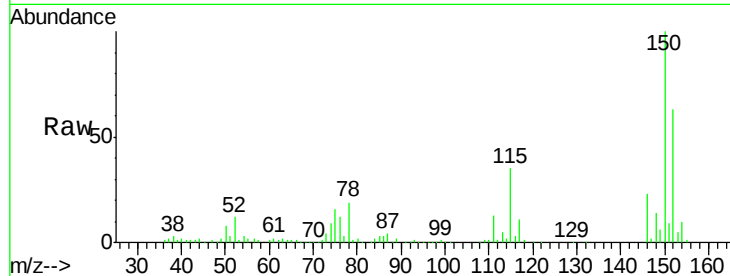
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.52 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

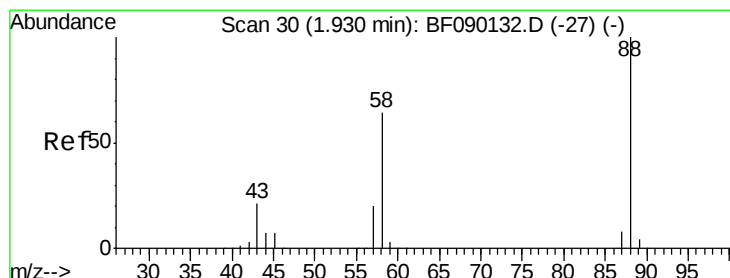
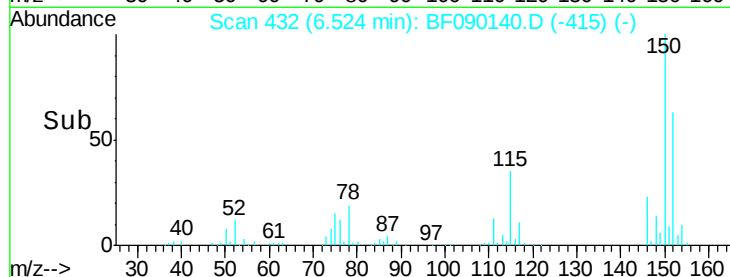
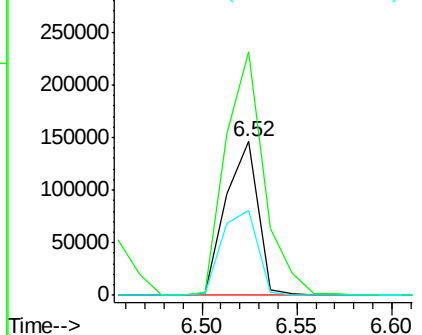
Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.4	128.9	193.3
115	55.4	55.5	83.3

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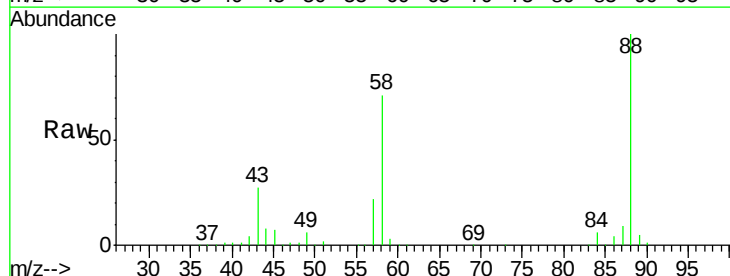
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



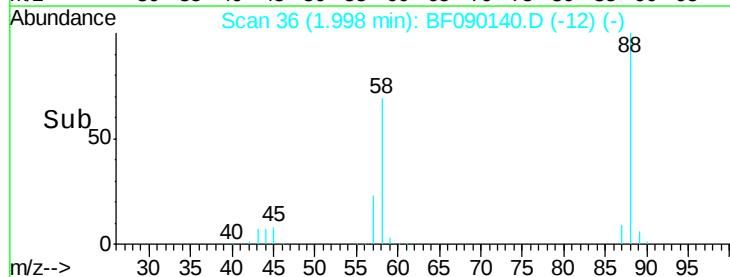
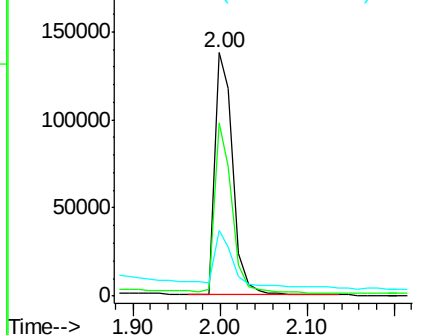
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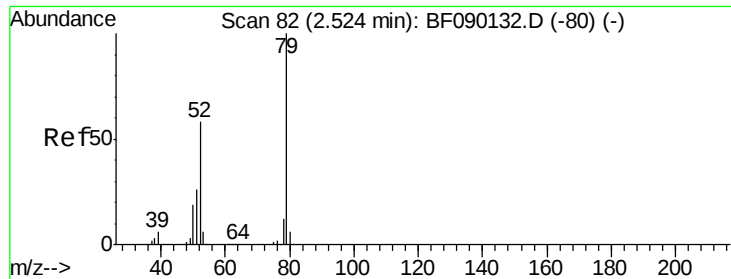
1,4-Dioxane
Concen: 34.63 ng
RT: 2.00 min Scan# 36
Delta R.T. 0.07 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	53.4	80.0
43	26.9	16.5	24.7



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





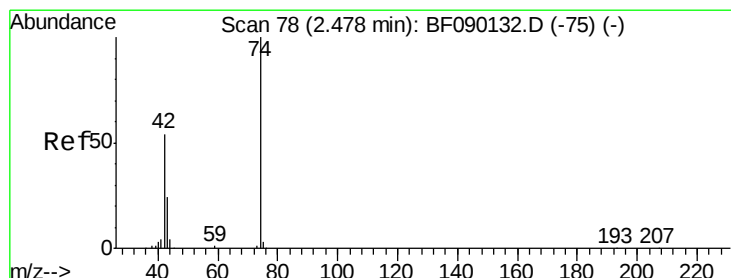
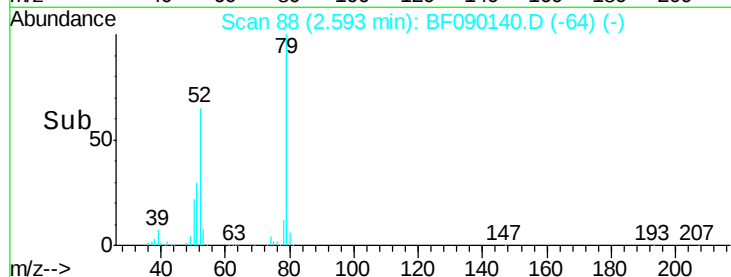
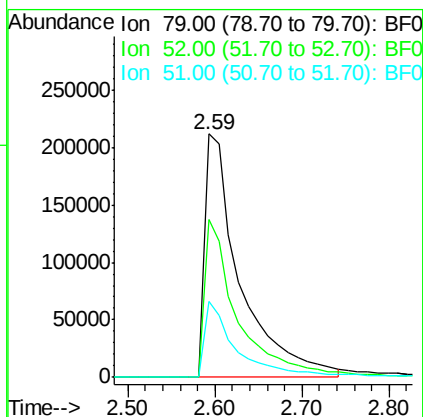
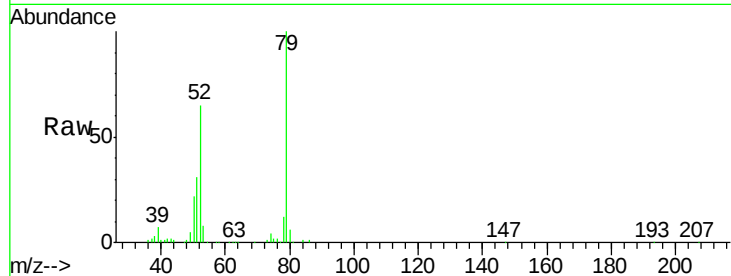
#3
 Pyridine
 Concen: 48.22 ng
 RT: 2.59 min Scan# 88
 Delta R.T. 0.07 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampled :
 PB93481BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	65.0	45.9	68.9
51	31.0	21.3	31.9

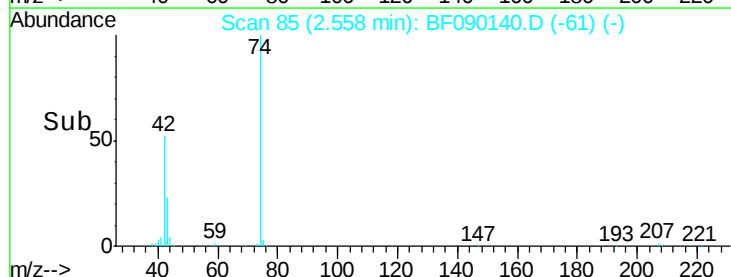
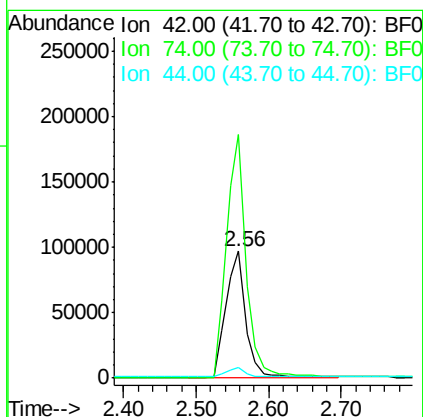
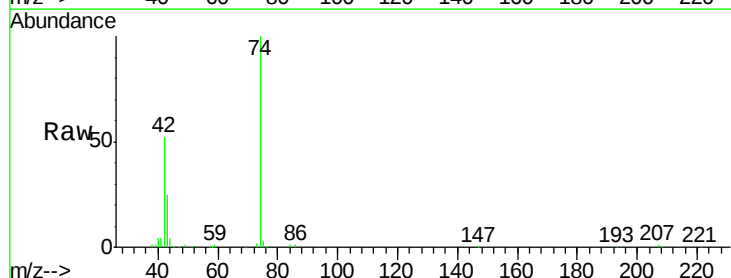
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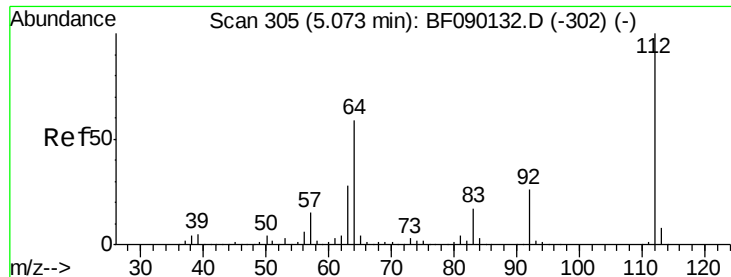
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#4
 n-Nitrosodimethylamine
 Concen: 51.03 ng
 RT: 2.56 min Scan# 85
 Delta R.T. 0.08 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	191.8	158.7	238.1
44	8.2	6.4	9.6





#5

2-Fluorophenol

Concen: 128.49 ng

RT: 5.10 min Scan# 307

Delta R.T. 0.02 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

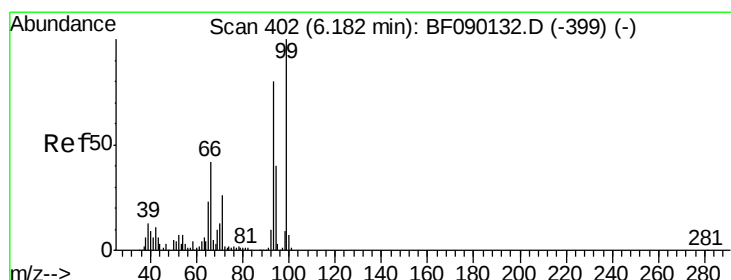
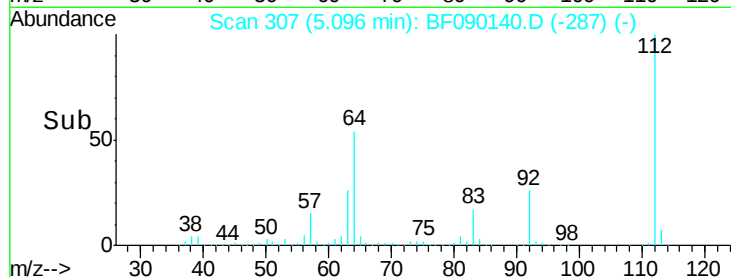
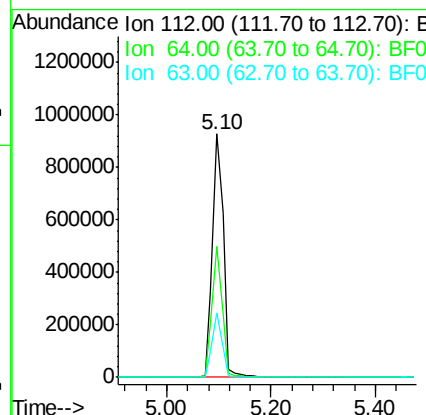
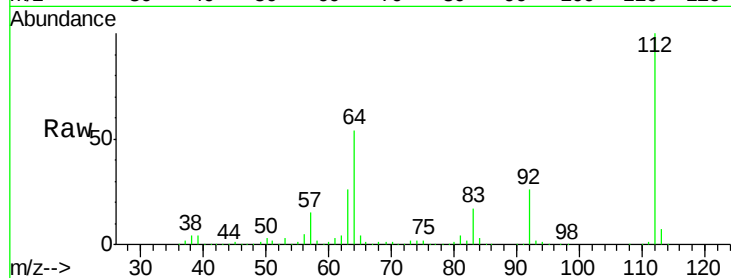
ClientSampled :

PB93481BS

Tgt Ion:	112	Resp:	1359381
Ion Ratio	Lower	Upper	
112	100		
64	54.0	39.8	59.6
63	26.4	18.9	28.3

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#6

Aniline

Concen: 12.50 ng m

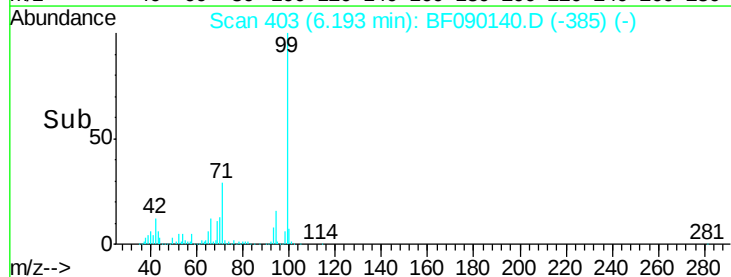
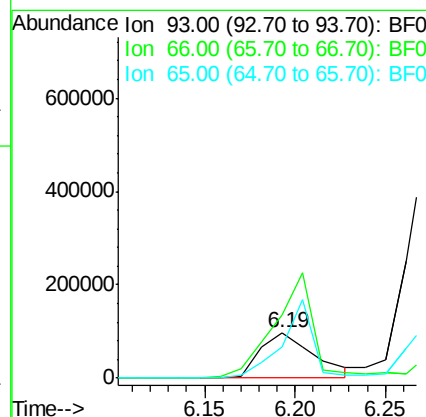
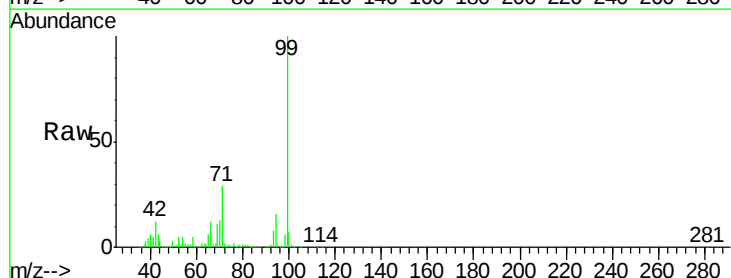
RT: 6.19 min Scan# 403

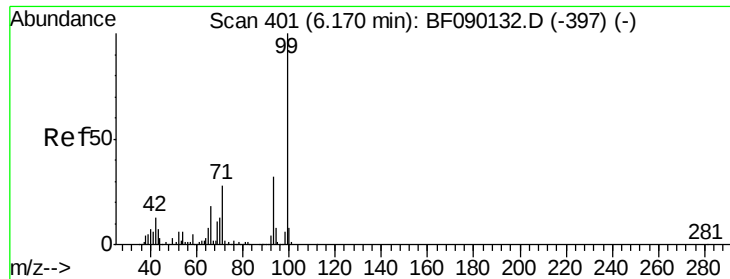
Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Tgt Ion:	93	Resp:	203523
Ion Ratio	Lower	Upper	
93	100		
66	138.0	54.2	81.2#
65	68.7	33.8	50.6#





#7

Phenol-d6

Concen: 137.50 ng

RT: 6.19 min Scan# 403

Delta R.T. 0.02 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

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PB93481BS

Tgt Ion: 99 Resp: 1796420

Ion Ratio Lower Upper

99 100

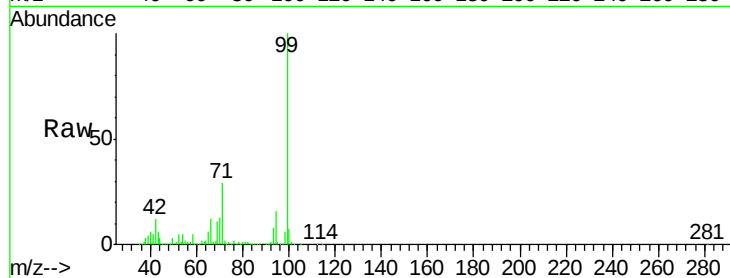
42 11.9 10.6 15.8

71 29.0 23.0 34.6

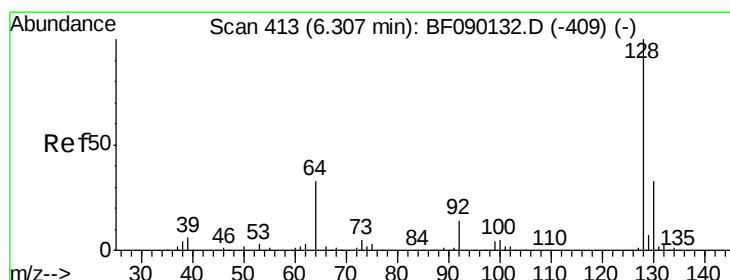
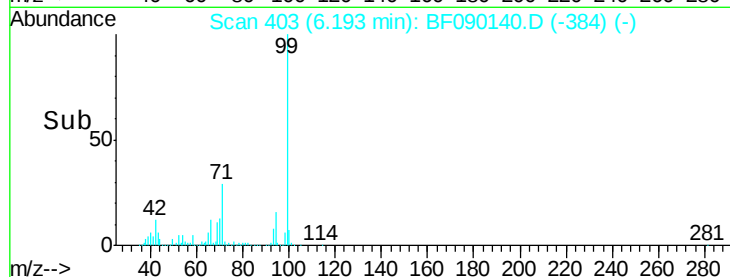
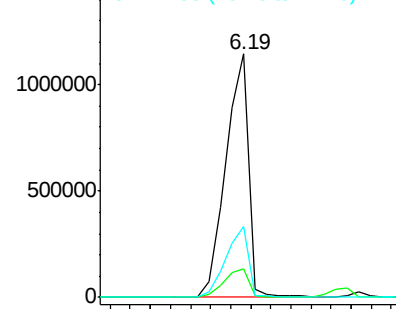
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.65 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

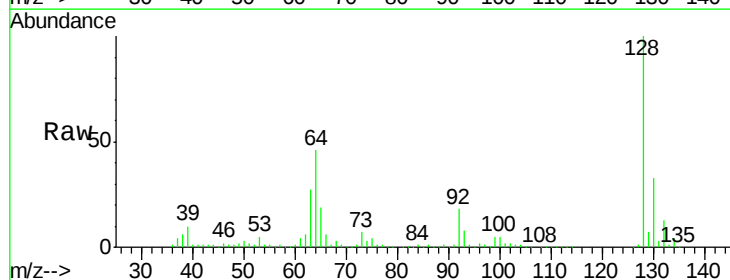
Tgt Ion: 128 Resp: 506965

Ion Ratio Lower Upper

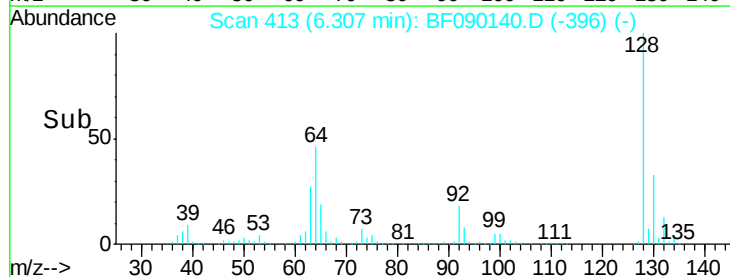
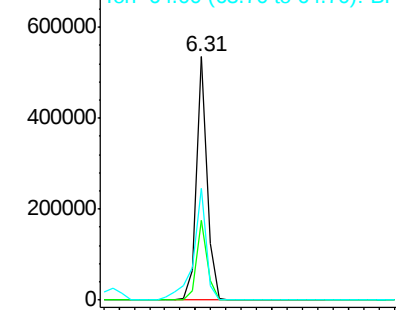
128 100

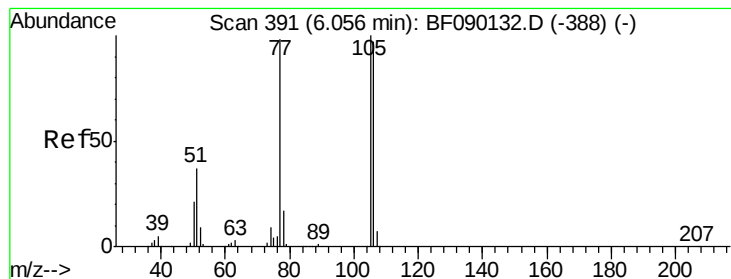
130 33.0 12.0 52.0

64 45.9 33.6 73.6



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.52 ng

RT: 6.06 min Scan# 391

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

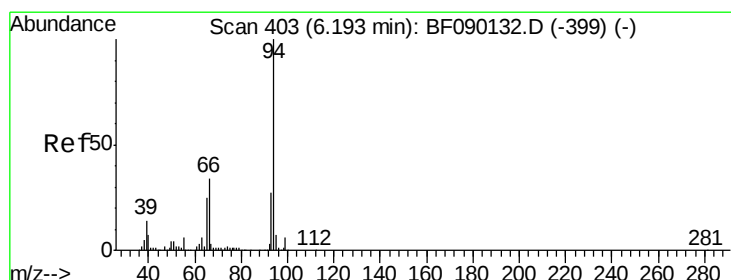
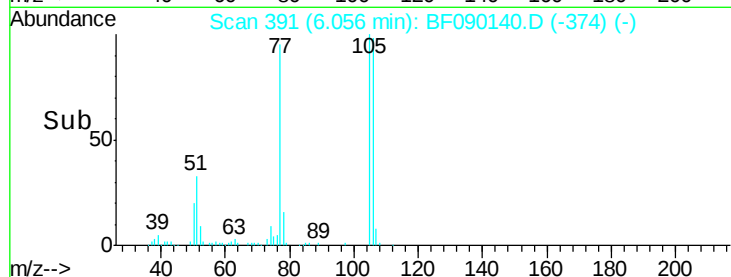
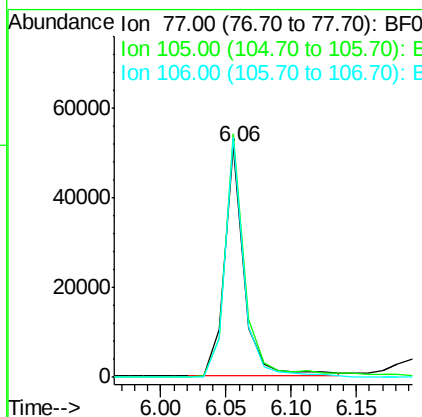
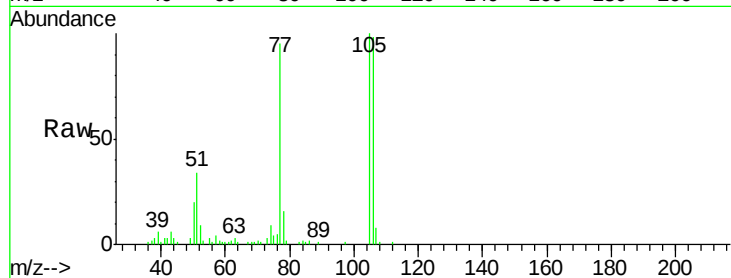
ClientSampleId :

PB93481BS

Tgt Ion	Ratio	Lower	Upper
77	100		
105	105.7	83.0	123.0
106	104.0	78.5	118.5

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#10

Phenol

Concen: 47.26 ng m

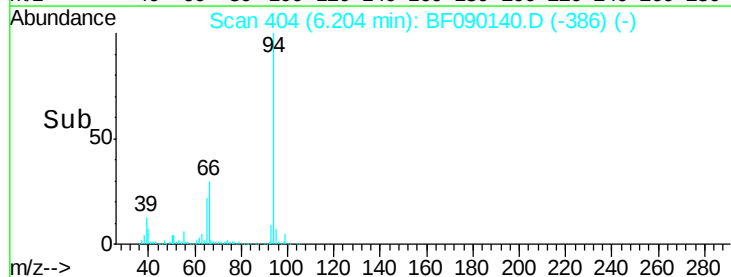
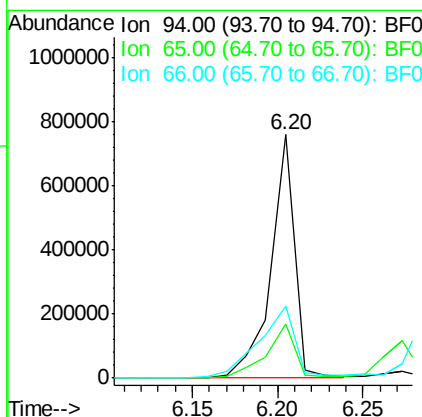
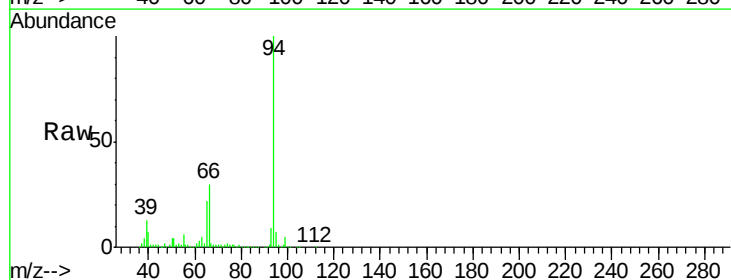
RT: 6.20 min Scan# 404

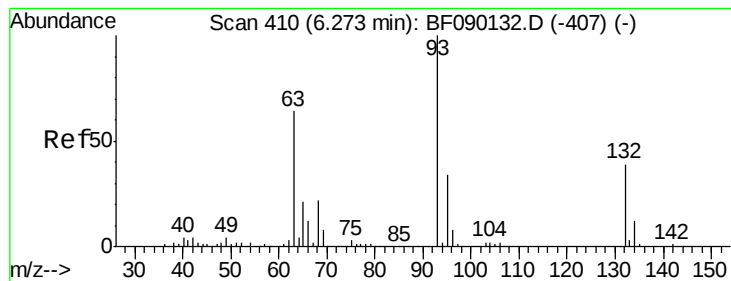
Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	22.1	20.6	60.6
66	29.8	45.1	85.1#





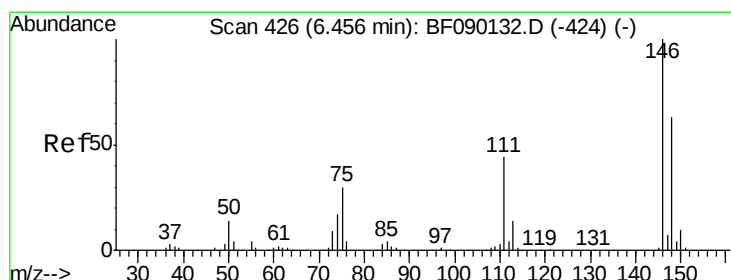
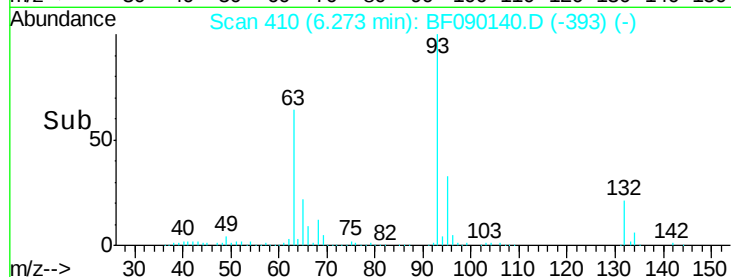
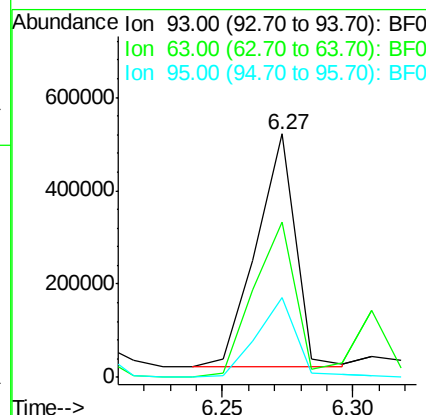
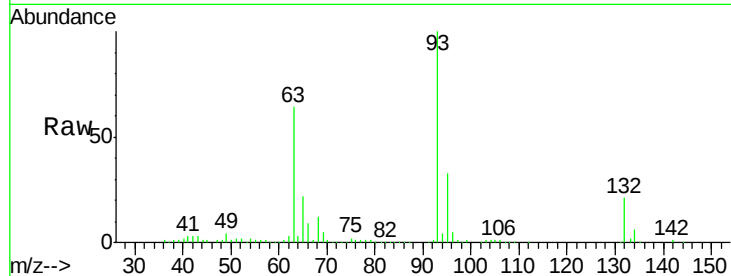
#11
bis(2-Chloroethyl)ether
Concen: 43.62 ng
RT: 6.27 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	525394		
63	63.7	55.6	95.6	
95	32.7	12.6	52.6	

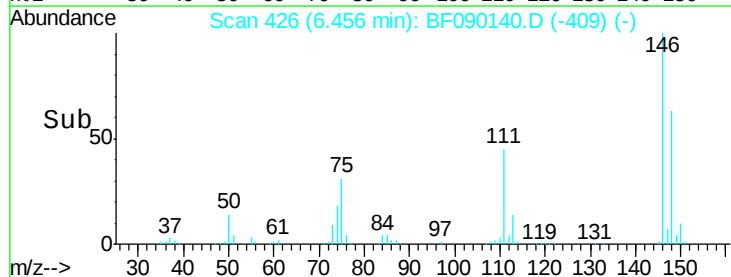
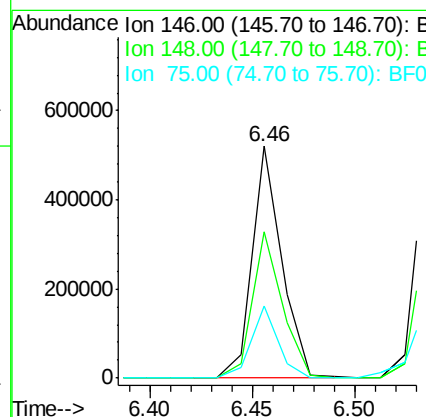
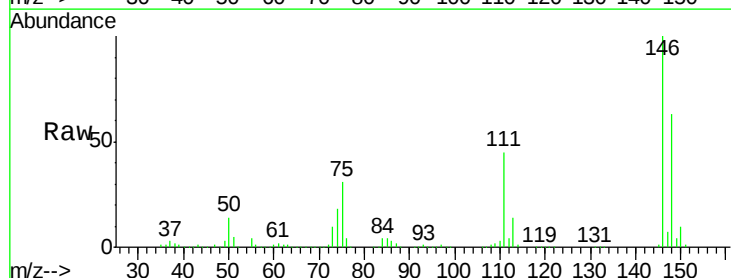
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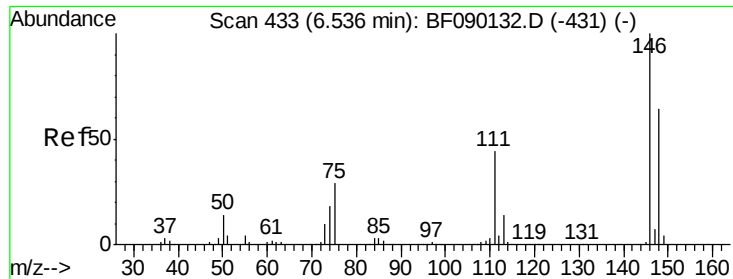
sohil
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#12
1,3-Dichlorobenzene
Concen: 41.65 ng m
RT: 6.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	529662		
148	63.2	51.9	77.9	
75	31.0	22.8	34.2	





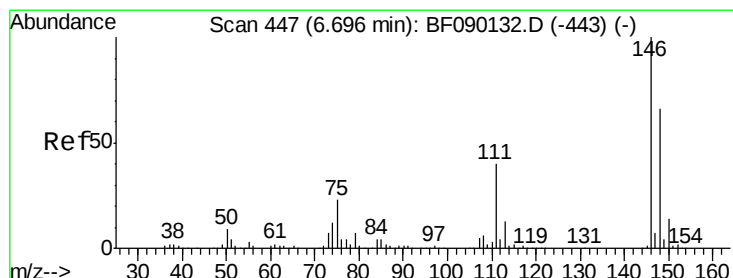
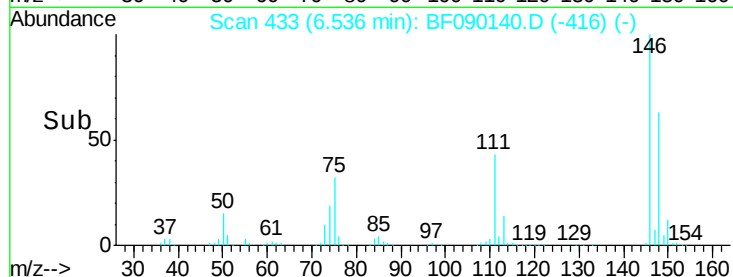
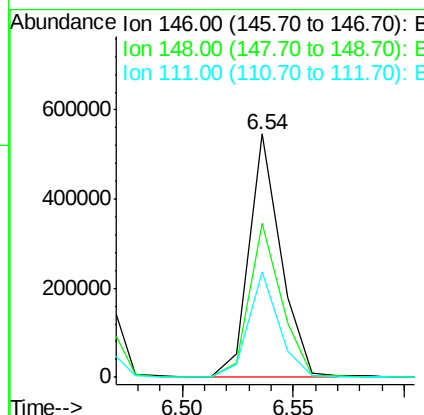
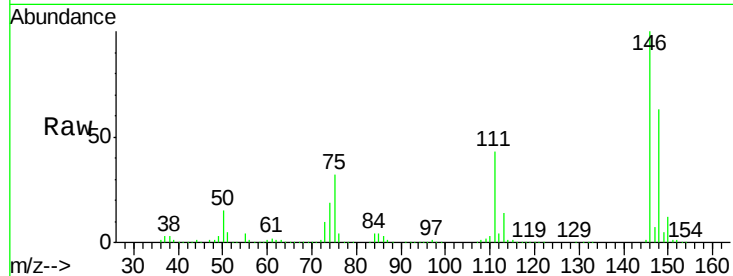
#13
1,4-Dichlorobenzene
Concen: 41.91 ng m
RT: 6.54 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.0	78.0
111	43.2	33.8	50.6

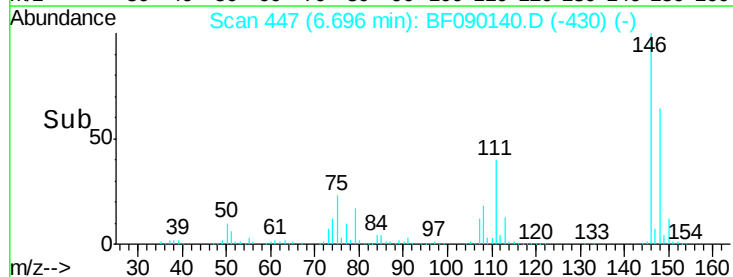
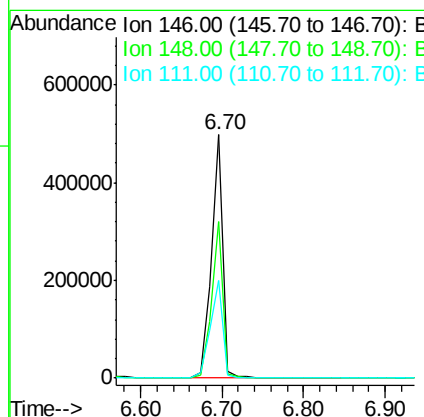
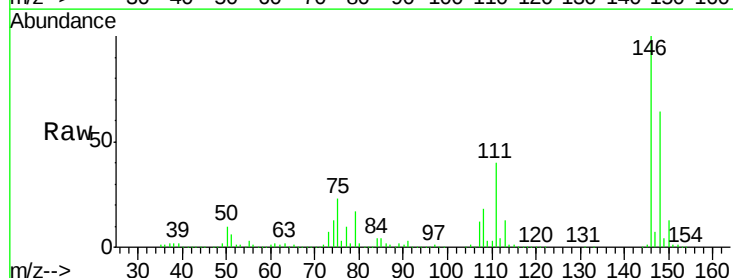
Manual Integrations
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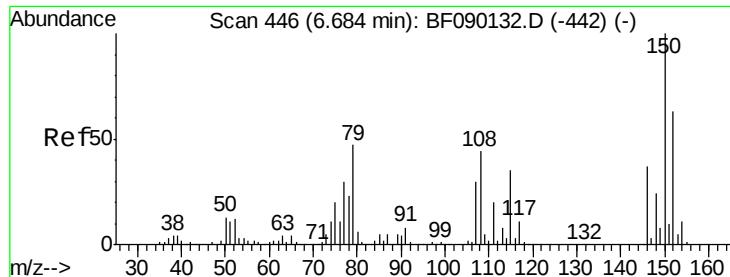
sohil
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#14
1,2-Dichlorobenzene
Concen: 42.52 ng
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.6	79.0
111	40.3	28.2	42.2





#15

Benzyl Alcohol

Concen: 47.54 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampled :

PB93481BS

Tgt Ion: 79 Resp: 370375
Ion Ratio Lower Upper

79 100

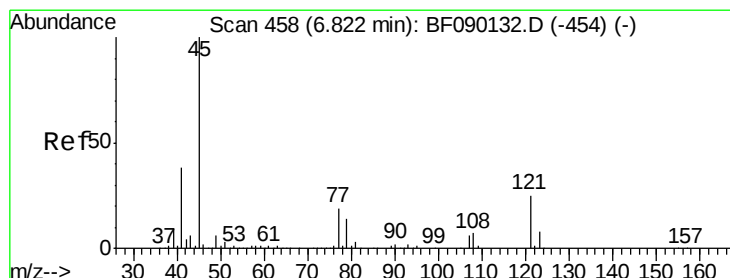
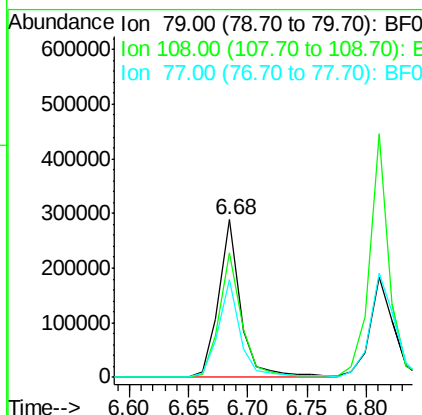
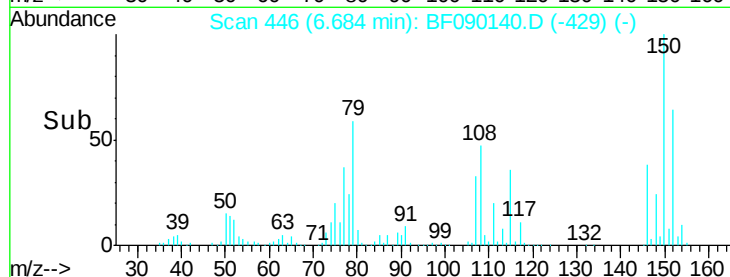
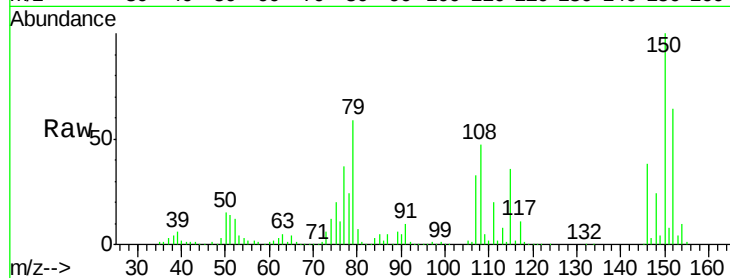
108 79.3 62.2 93.4

77 62.3 51.4 77.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.15 ng m

RT: 6.82 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF090140.D

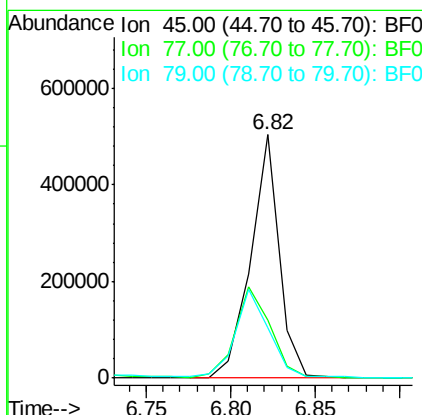
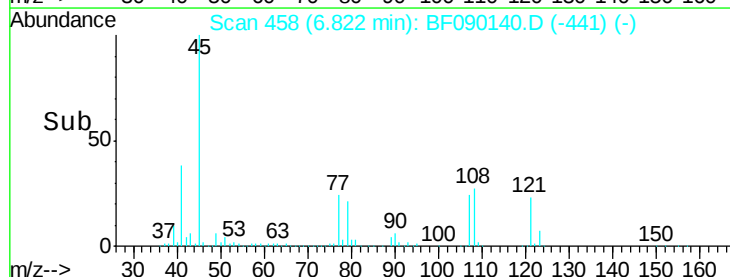
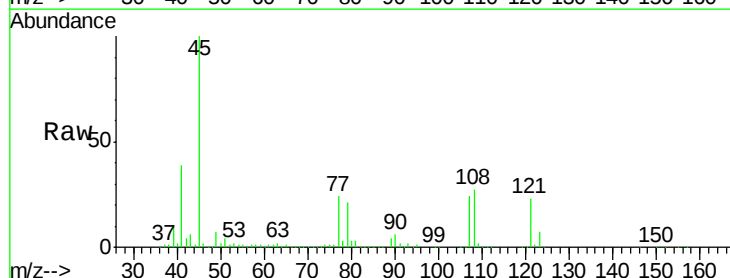
Acq: 20 Sep 2016 18:07

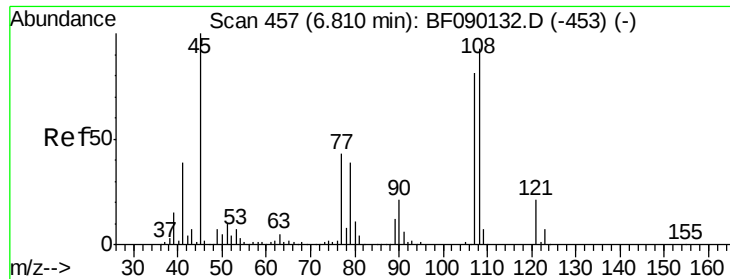
Tgt Ion: 45 Resp: 592275
Ion Ratio Lower Upper

45 100

77 23.9 0.5 40.5

79 20.6 0.0 37.0





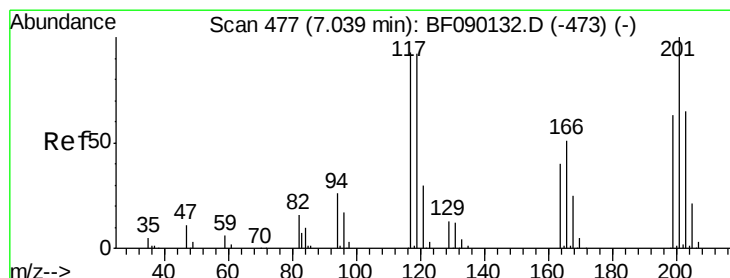
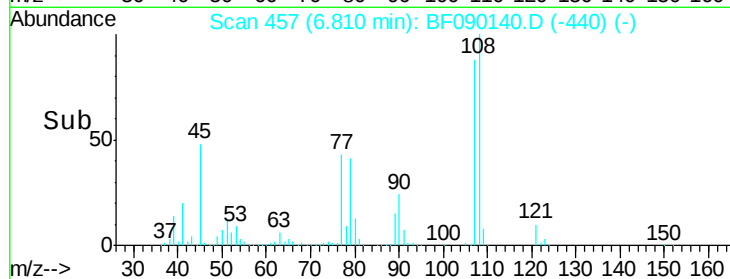
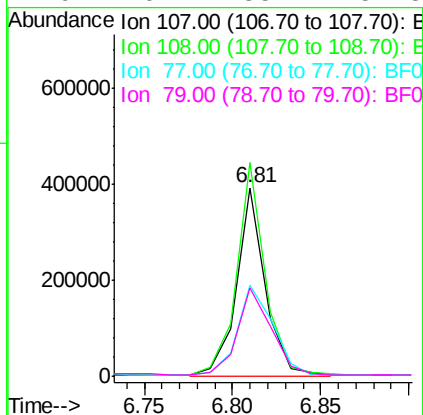
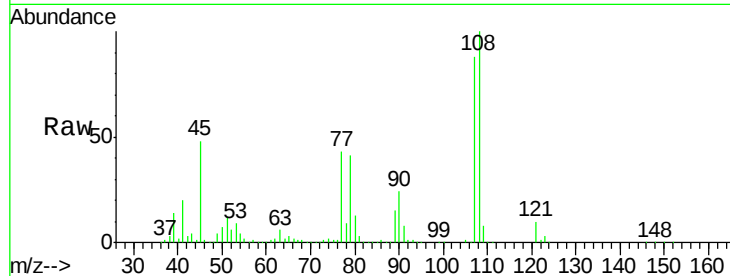
#17
2-Methylphenol
Concen: 46.89 ng m
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion:	107	Resp:	449637
Ion Ratio	Lower	Upper	
107	100		
108	113.4	92.0	138.0
77	48.4	35.6	53.4
79	46.7	35.2	52.8

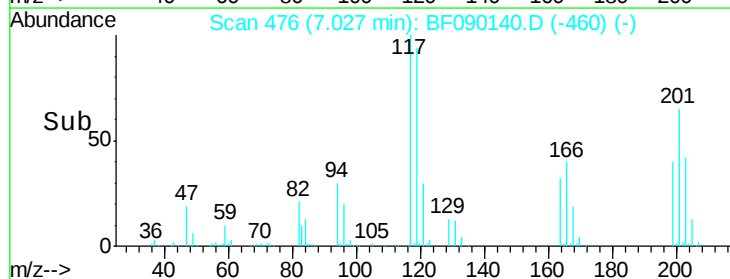
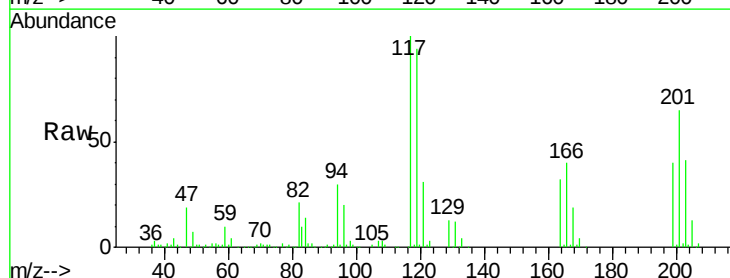
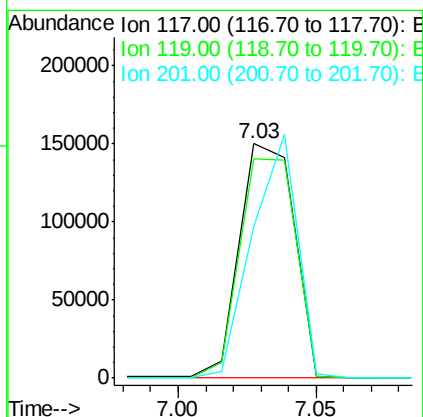
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#18
Hexachloroethane
Concen: 44.96 ng m
RT: 7.03 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:	117	Resp:	208227
Ion Ratio	Lower	Upper	
117	100		
119	93.7	76.6	115.0
201	64.7	55.5	83.3





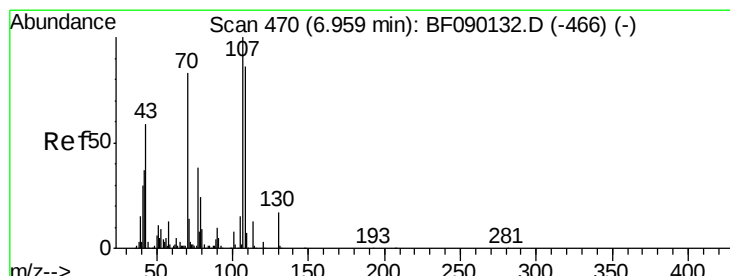
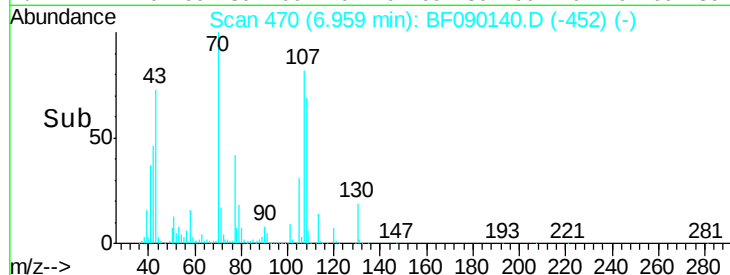
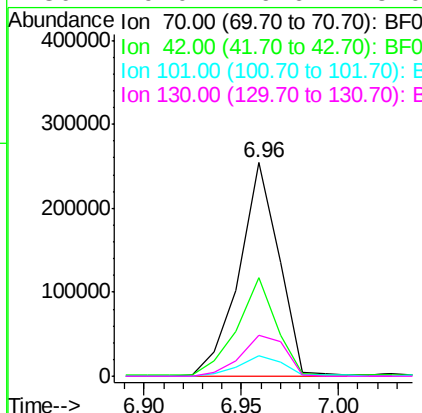
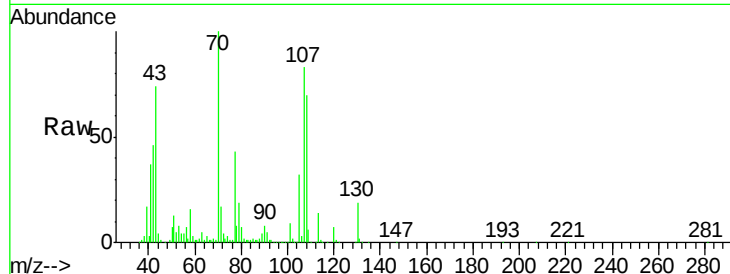
#19
n-Nitroso-di-n-propylamine
Concen: 47.50 ng m
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	364541		
42	46.1	35.1	52.7	
101	9.4	7.5	11.3	
130	19.0	16.6	25.0	

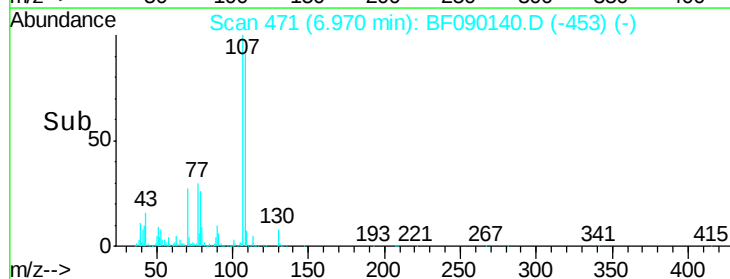
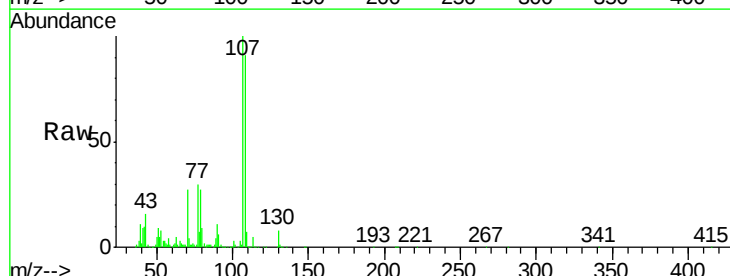
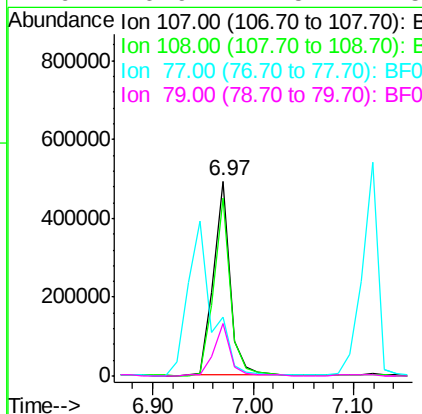
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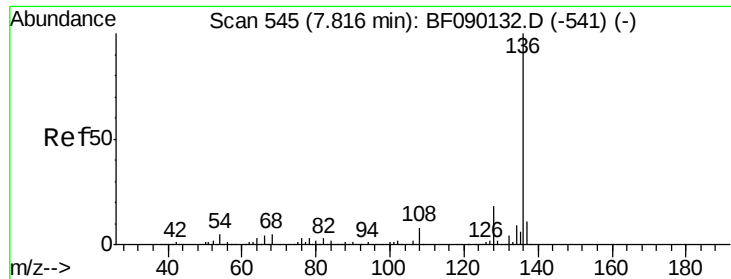
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#20
3+4-Methylphenols
Concen: 49.33 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	567839		
108	91.4	73.3	113.3	
77	30.4	14.1	54.1	
79	26.9	7.5	47.5	





#21

Naphthalene-d8

Concen: 20.00 ng m

RT: 7.82 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

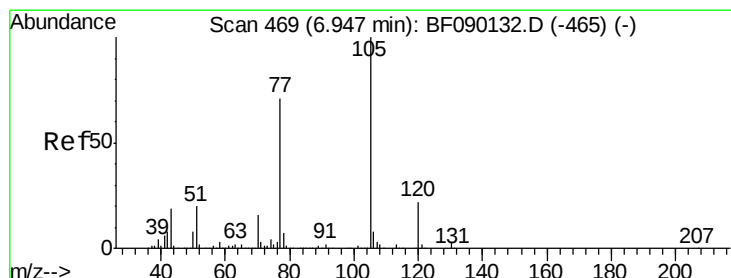
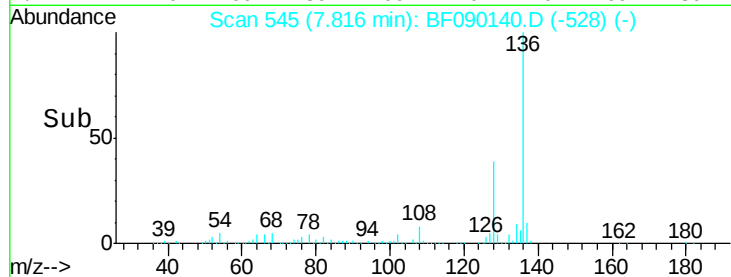
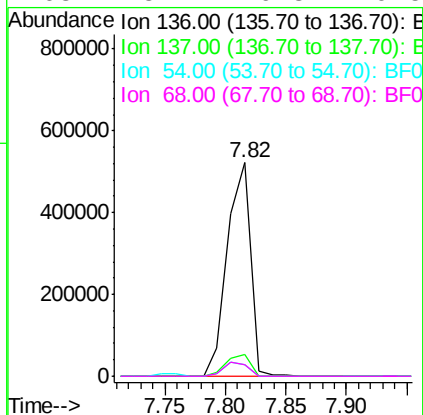
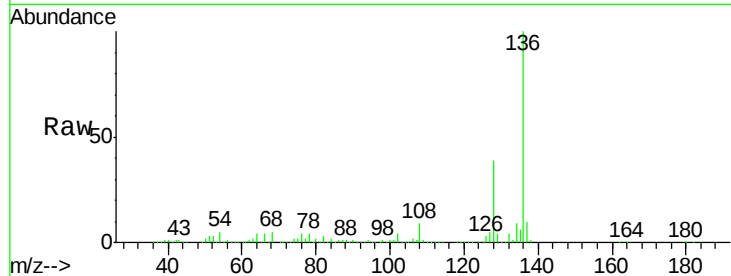
ClientSampleId :

PB93481BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.4	9.0	13.4
54	5.2	6.4	9.6#
68	5.4	6.3	9.5#

Manual Integrations
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#22

Acetophenone

Concen: 42.02 ng

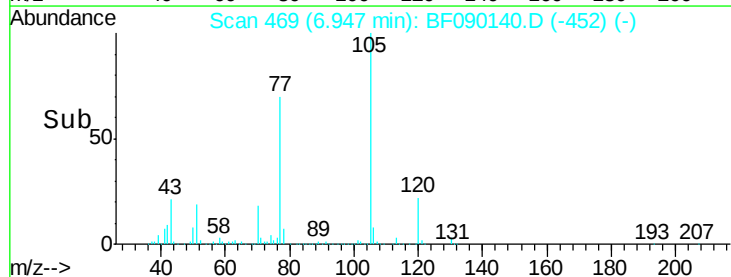
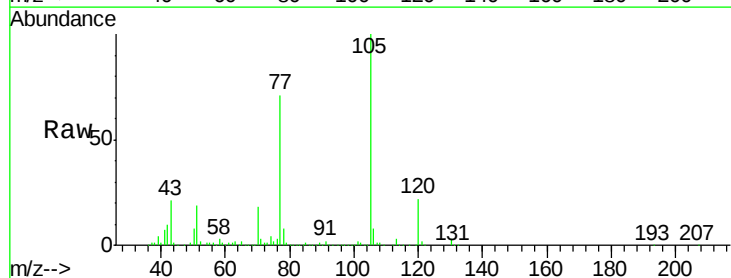
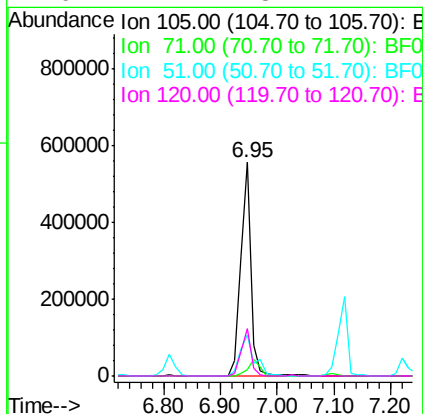
RT: 6.95 min Scan# 469

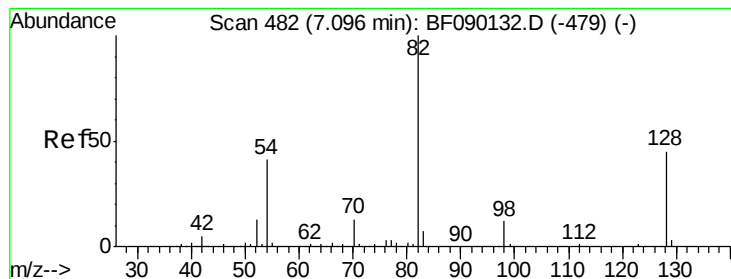
Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	3.2	4.1	6.1#
51	19.1	16.2	24.2
120	22.1	18.2	27.2





#23

Nitrobenzene-d5

Concen: 83.43 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampled :

PB93481BS

Tgt Ion: 82 Resp: 1000469

Ion Ratio Lower Upper

82 100

128 44.8 37.5 56.3

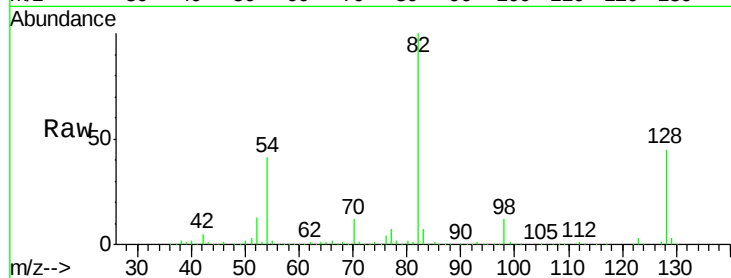
54 40.7 31.9 47.9

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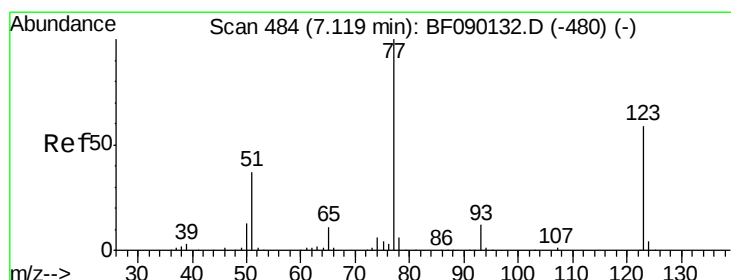
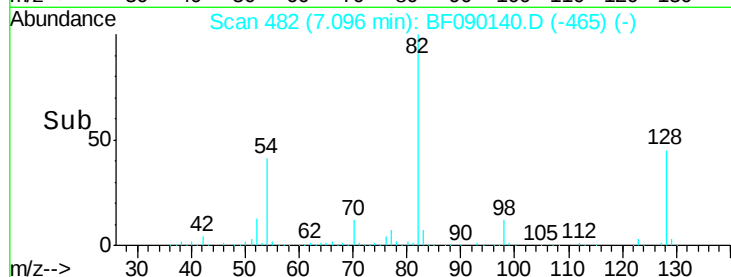
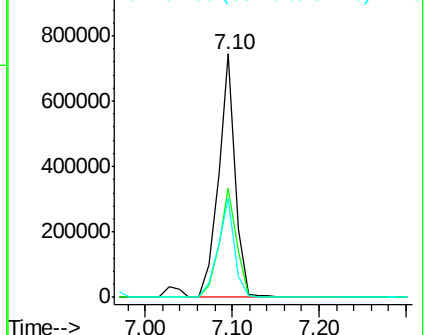
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 47.03 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

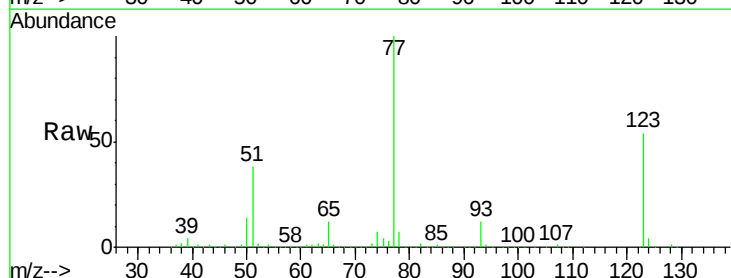
Tgt Ion: 77 Resp: 587580

Ion Ratio Lower Upper

77 100

123 53.7 33.4 50.2#

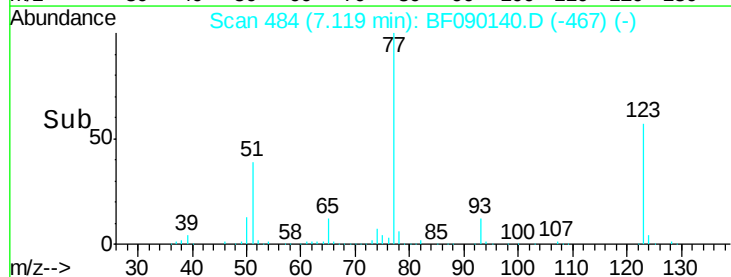
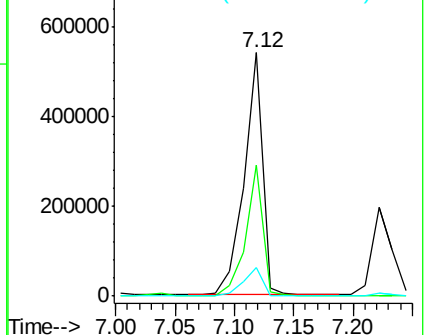
65 11.6 10.1 15.1

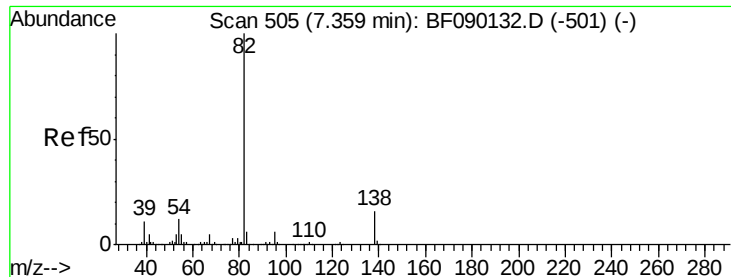


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 42.51 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

Tgt Ion: 82 Resp: 1065058

Ion Ratio Lower Upper

82 100

95 6.2 5.1 7.7

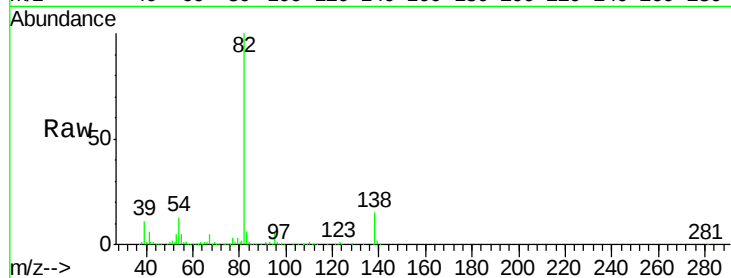
138 15.4 13.5 20.3

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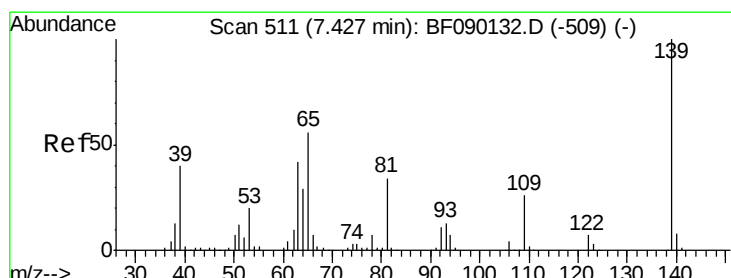
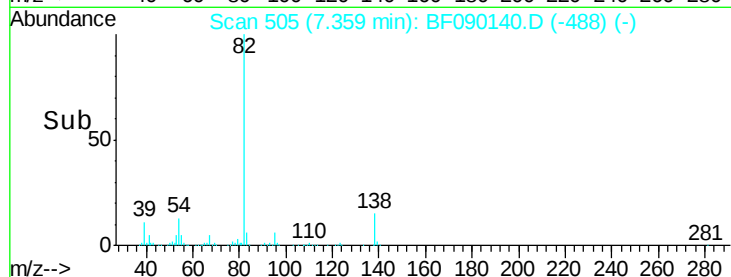
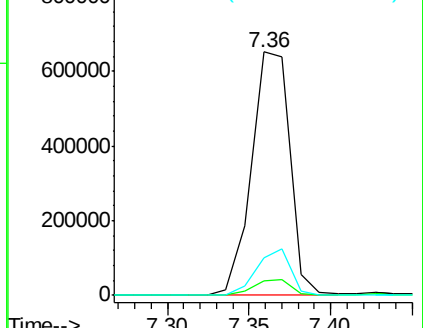
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 46.58 ng

RT: 7.44 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

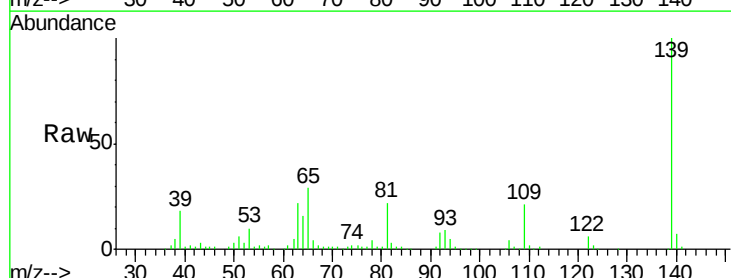
Tgt Ion: 139 Resp: 286589

Ion Ratio Lower Upper

139 100

109 20.8 20.5 30.7

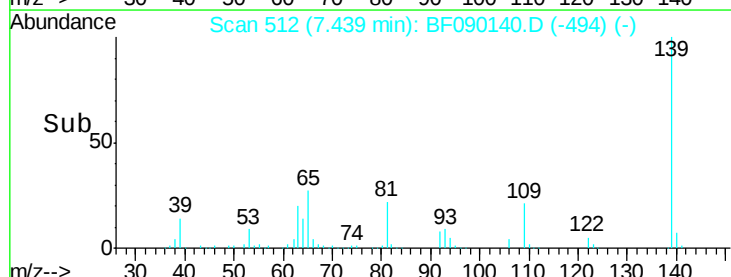
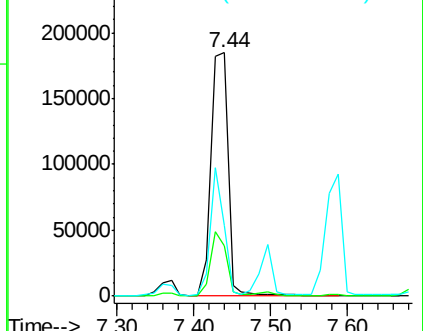
65 29.1 37.9 56.9#

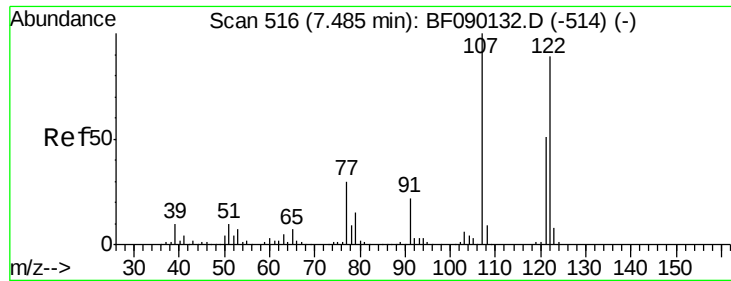


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





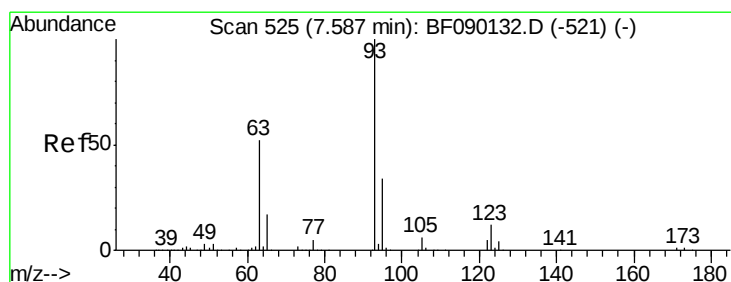
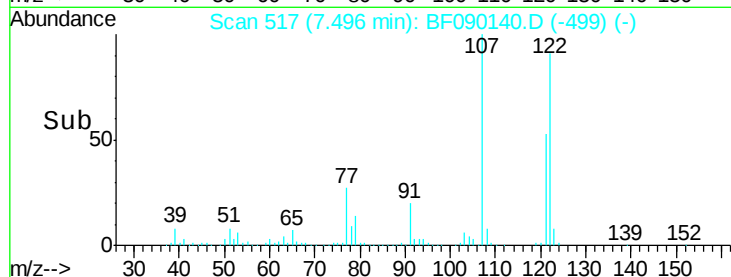
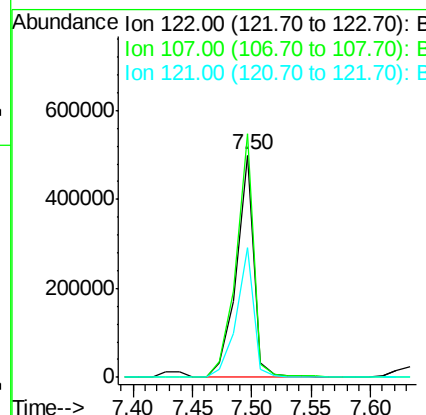
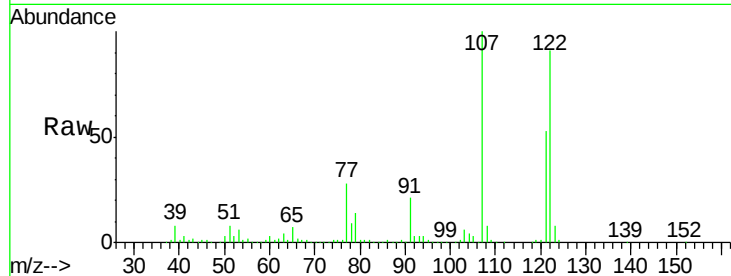
#27
 2,4-Dimethylphenol
 Concen: 46.68 ng
 RT: 7.50 min Scan# 517
 Delta R.T. 0.01 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	510261		
107	109.5	87.8	131.6	
121	58.2	45.7	68.5	

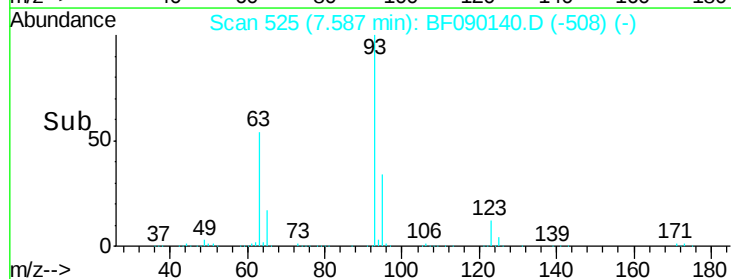
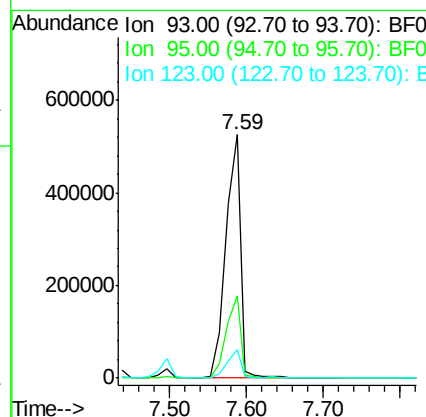
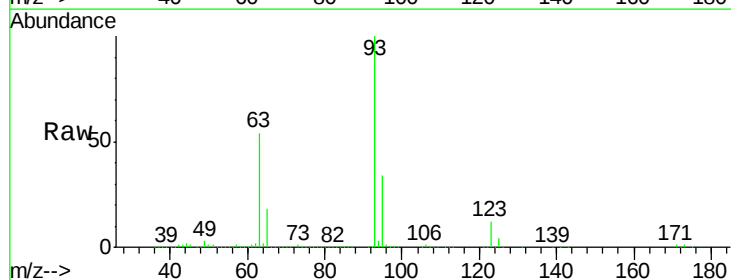
Manual Integrations
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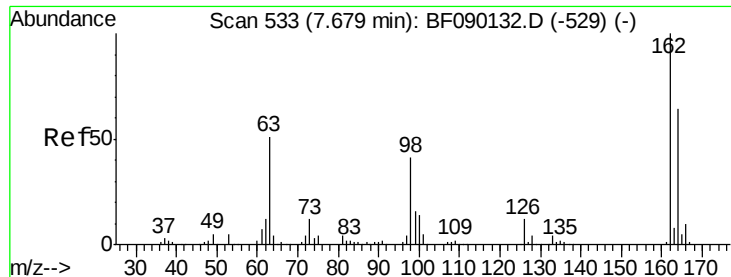
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.96 ng
 RT: 7.59 min Scan# 525
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	711706		
95	33.8	26.8	40.2	
123	11.8	8.5	12.7	





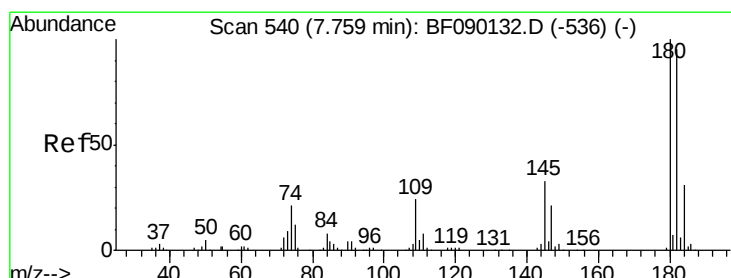
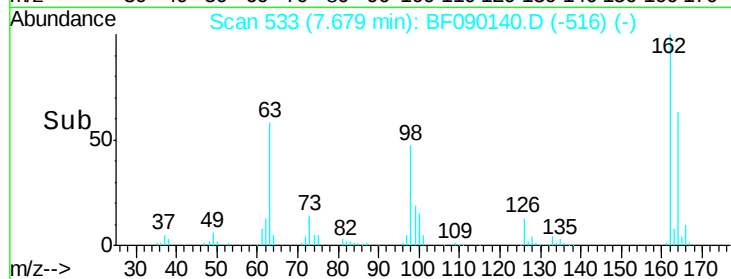
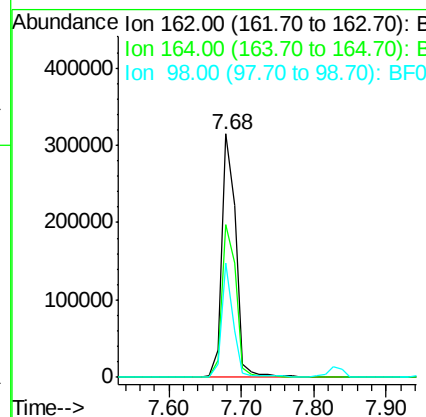
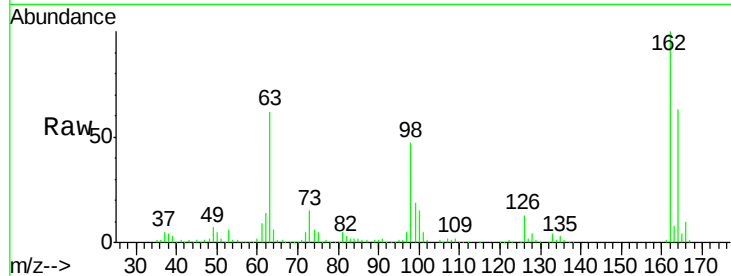
#29
 2,4-Dichlorophenol
 Concen: 44.09 ng
 RT: 7.68 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion:	162	Resp:	422733
Ion Ratio	Lower	Upper	
162	100		
164	62.6	46.2	86.2
98	46.8	10.4	50.4

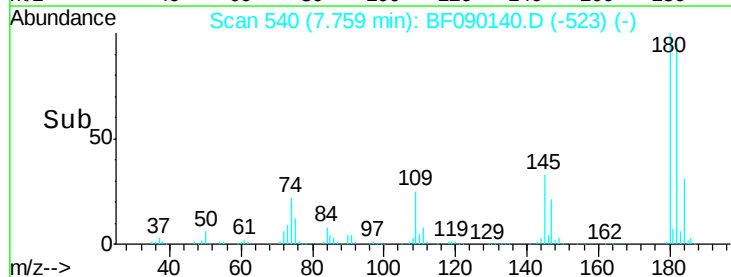
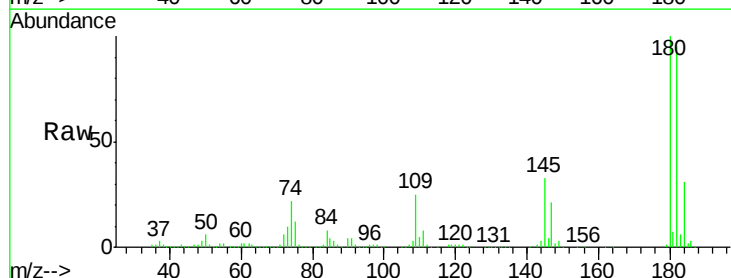
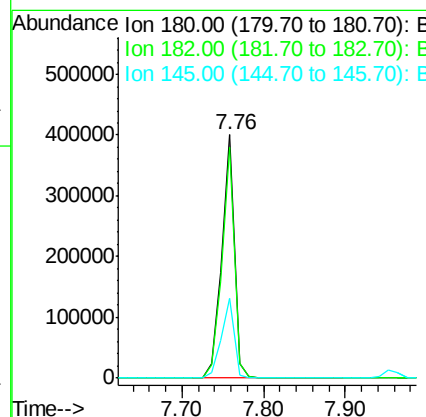
Manual Integrations
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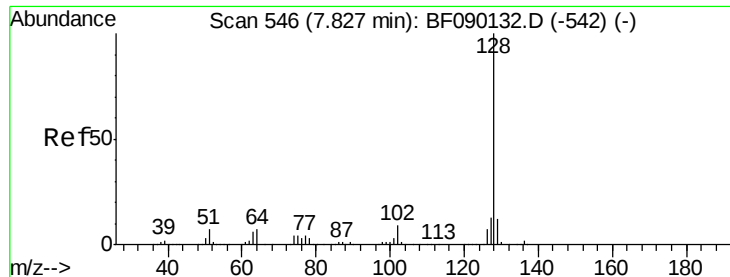
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.16 ng
 RT: 7.76 min Scan# 540
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion:	180	Resp:	432541
Ion Ratio	Lower	Upper	
180	100		
182	94.7	75.0	112.6
145	32.7	28.6	42.8





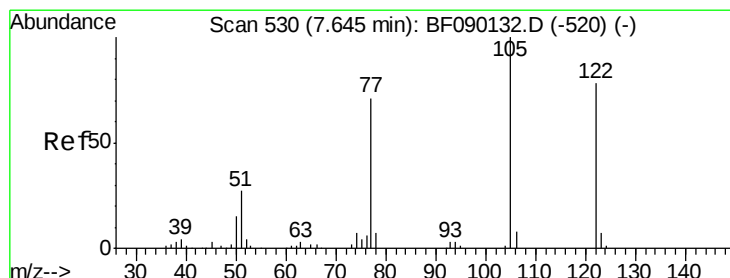
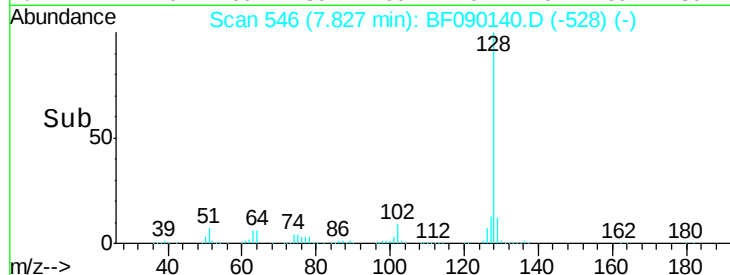
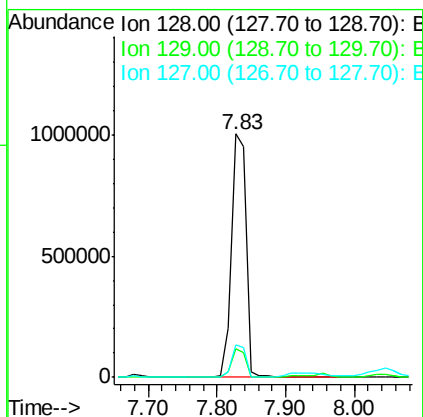
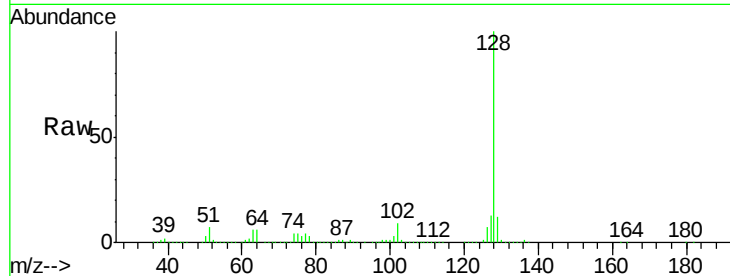
#31
Naphthalene
Concen: 46.10 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampled :
PB93481BS

Tgt Ion:128 Resp: 1525923
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.2 10.8 16.2

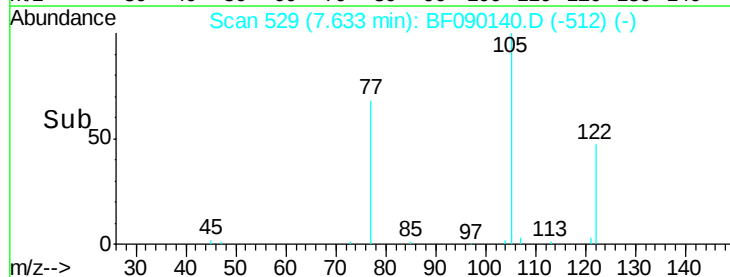
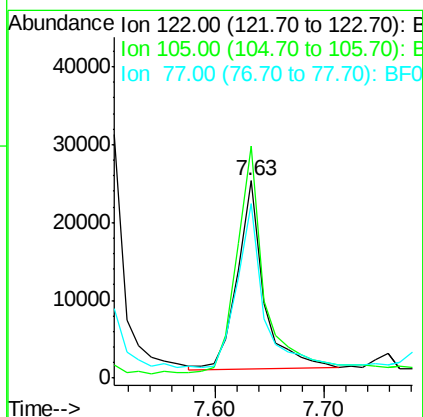
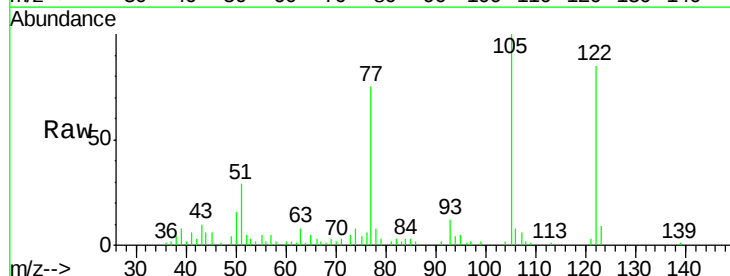
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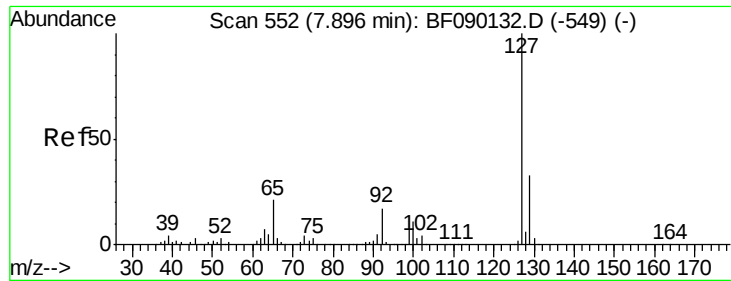
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#32
Benzoic acid
Concen: 5.32 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:122 Resp: 39944
Ion Ratio Lower Upper
122 100
105 118.0 105.0 145.0
77 88.8 70.4 110.4





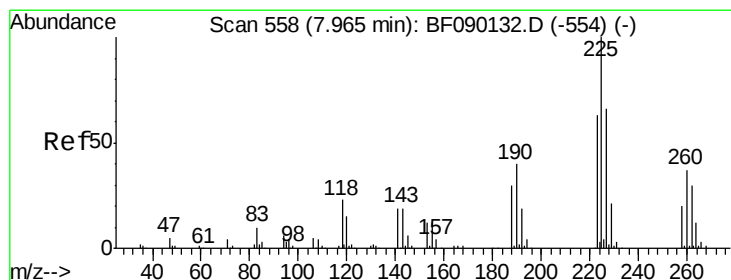
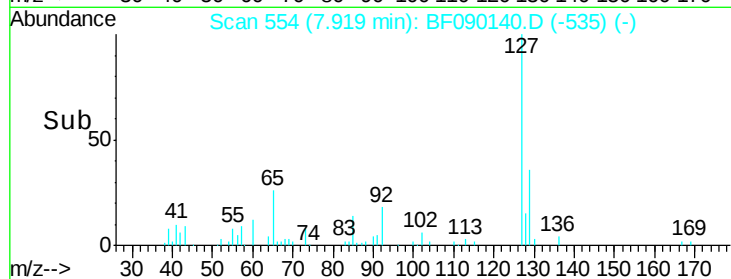
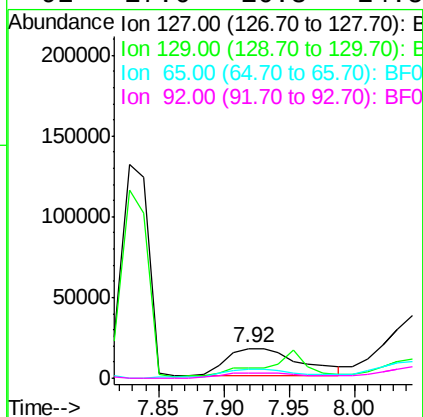
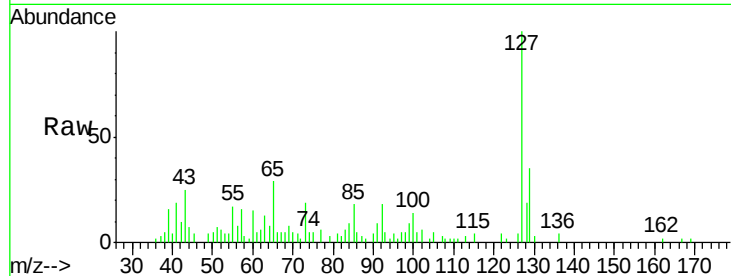
#33
4-Chloroaniline
Concen: 4.84 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.02 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	66422		
129	35.0	25.8	38.6	
65	28.8	24.1	36.1	
92	17.6	16.3	24.5	

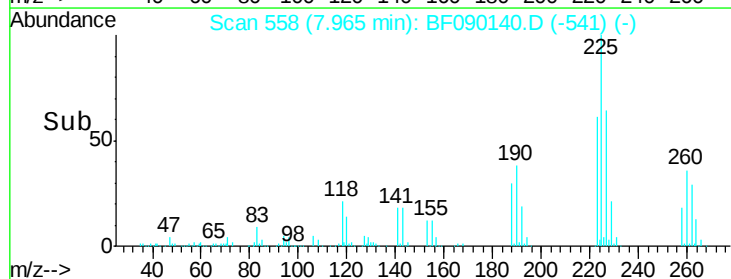
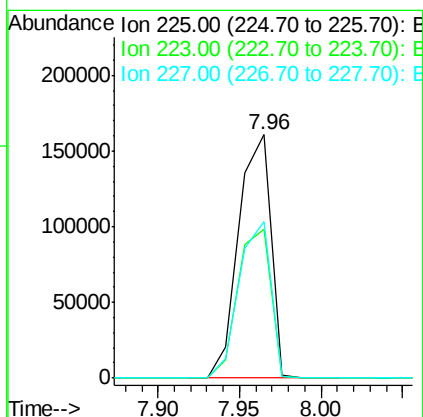
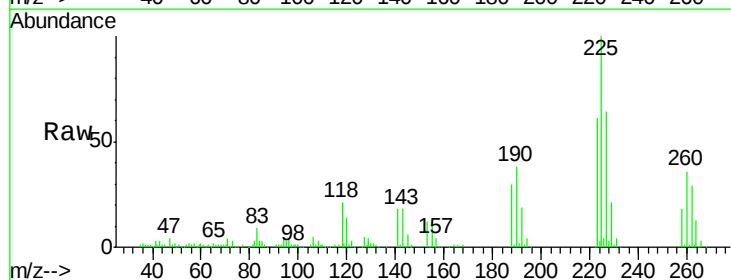
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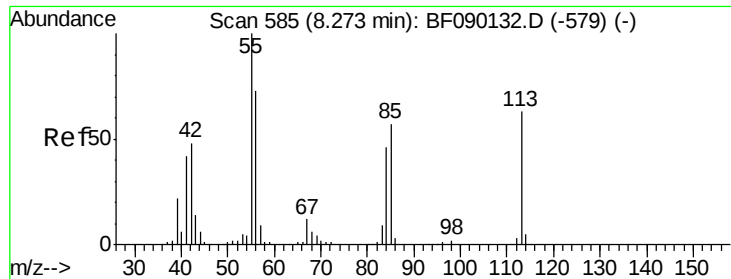
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#34
Hexachlorobutadiene
Concen: 43.36 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	219090		
223	61.0	51.3	76.9	
227	64.4	51.4	77.0	





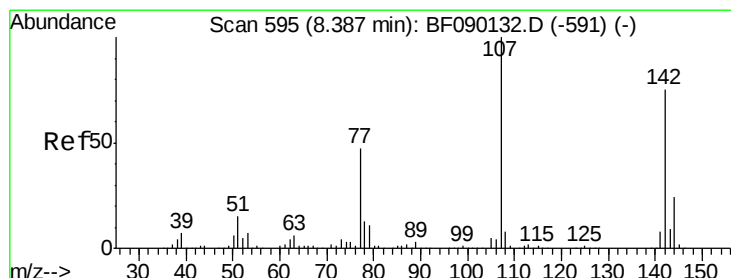
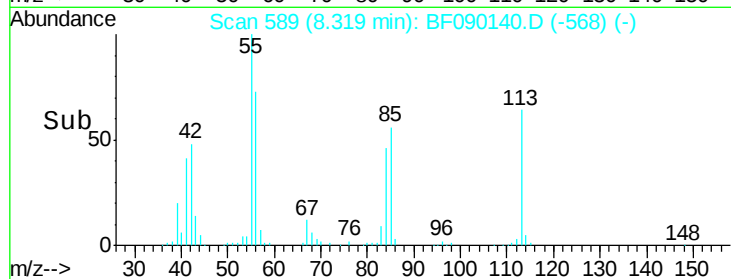
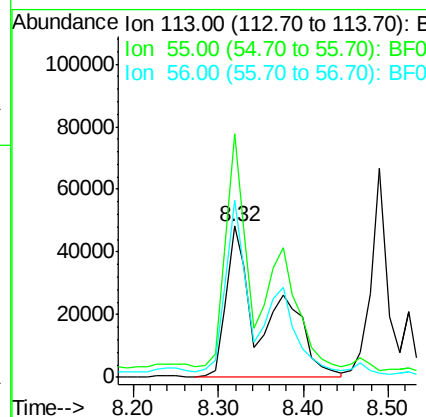
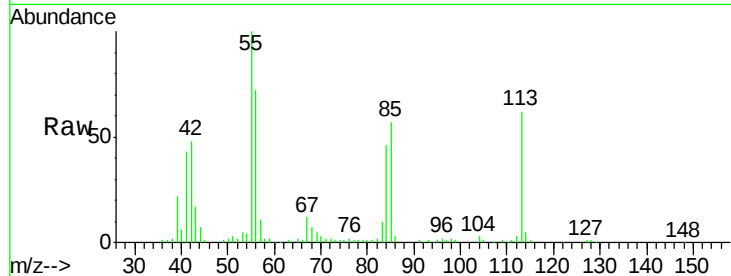
#35
 Caprolactam
 Concen: 50.43 ng m
 RT: 8.32 min Scan# 589
 Delta R.T. 0.05 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampled :
 PB93481BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	160053		
55	161.1	134.5	174.5	
56	116.8	93.7	133.7	

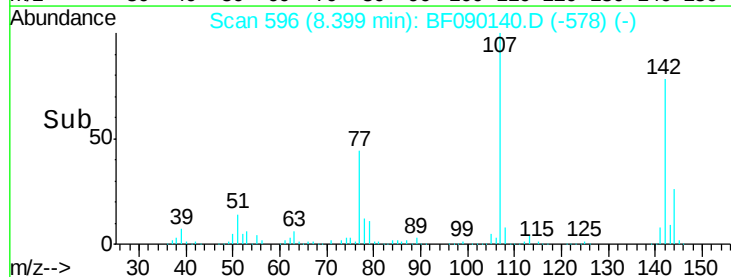
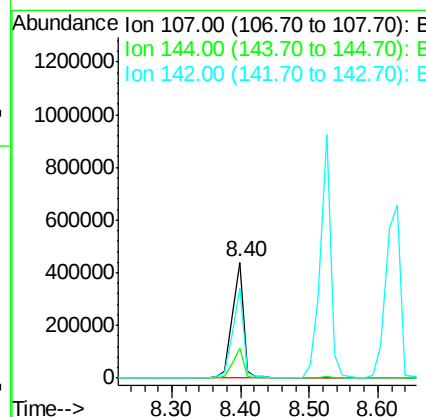
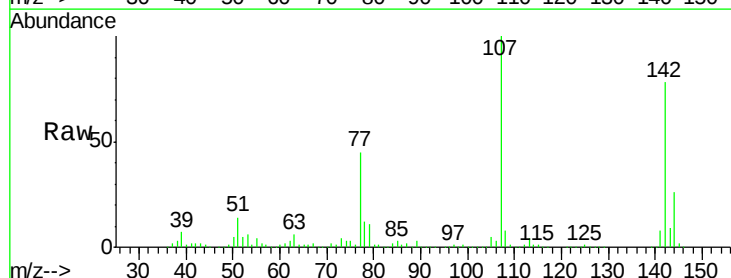
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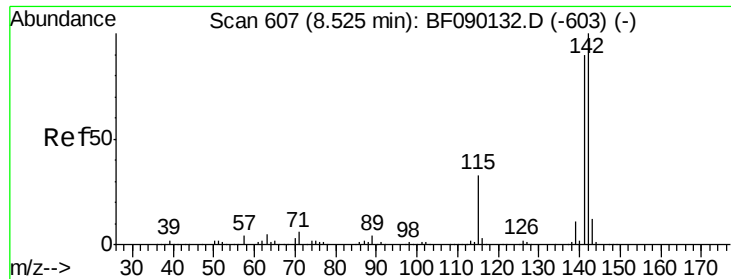
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#36
 4-Chloro-3-methylphenol
 Concen: 48.16 ng
 RT: 8.40 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	521943		
144	25.9	18.6	27.8	
142	77.7	57.0	85.6	





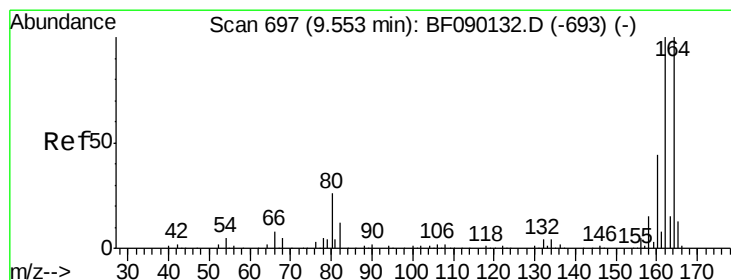
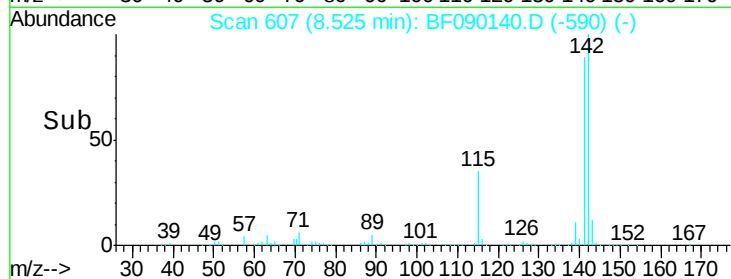
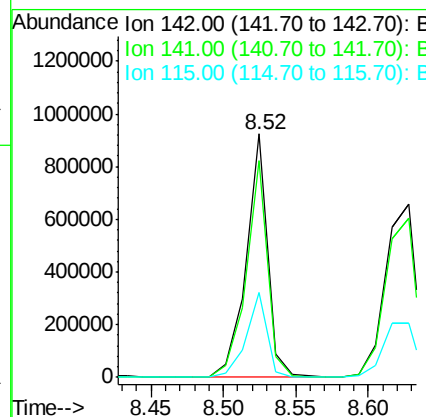
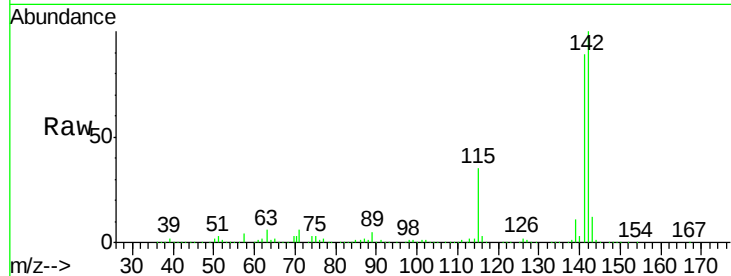
#37
2-Methylnaphthalene
Concen: 45.63 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	939325		
141	89.2	71.4	107.2	
115	34.7	28.3	42.5	

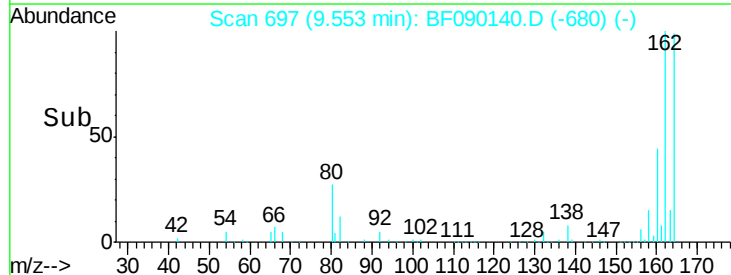
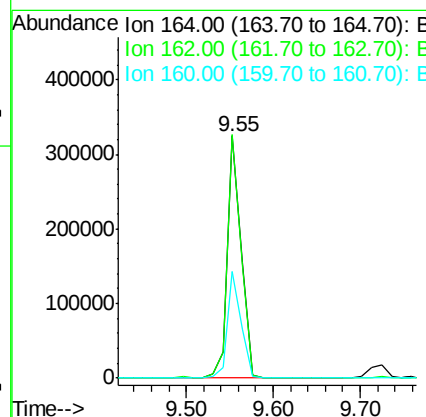
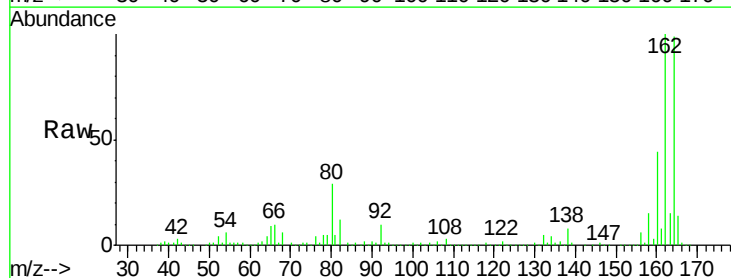
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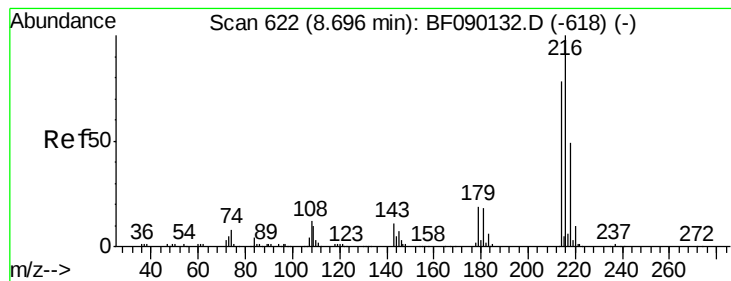
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	362142		
162	100.6	81.4	122.2	
160	44.3	36.6	54.8	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.29 ng

RT: 8.70 min Scan# 622

Delta R.T. -0.00 min

Lab File: BF090140.D

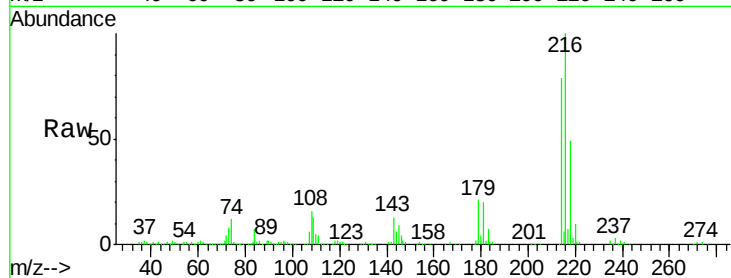
Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampled :

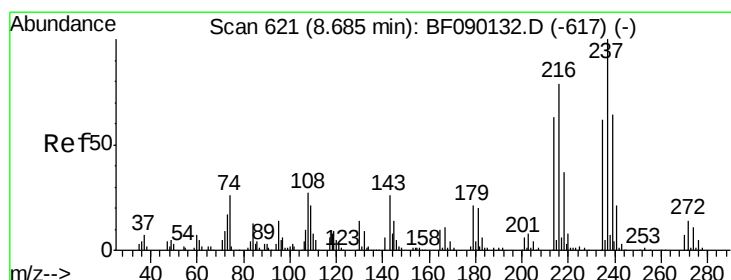
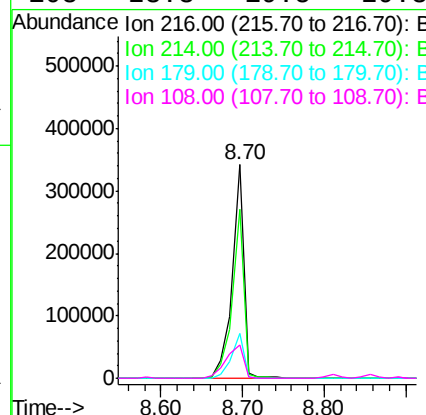
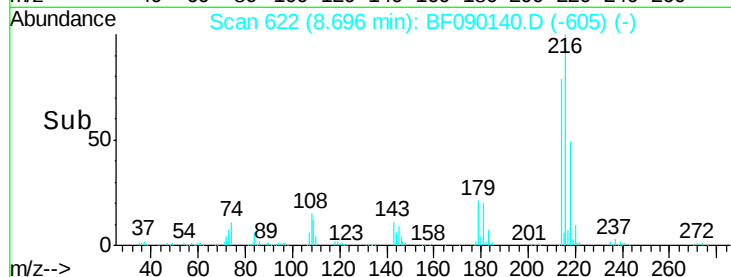
PB93481BS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	334914		
214	79.0	63.7	95.5	
179	22.2	18.5	27.7	
108	23.3	19.5	29.3	

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#40

Hexachlorocyclopentadiene

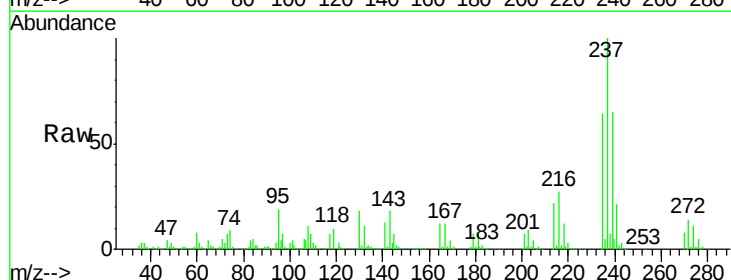
Concen: 95.88 ng

RT: 8.68 min Scan# 621

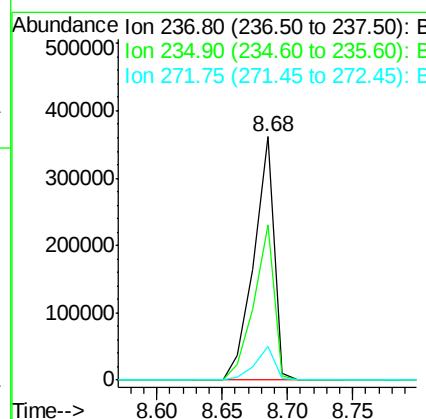
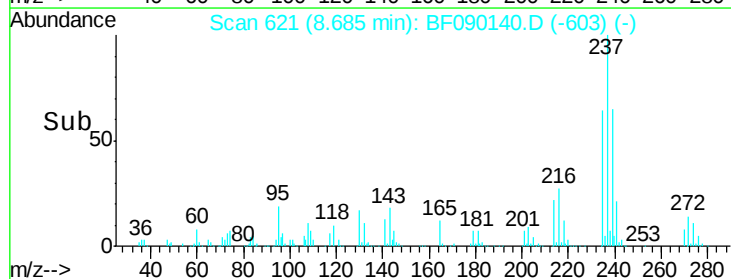
Delta R.T. 0.00 min

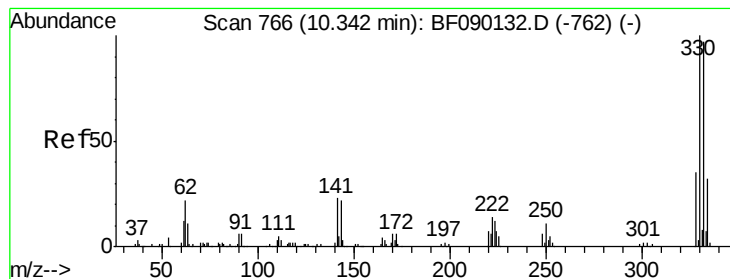
Lab File: BF090140.D

Acq: 20 Sep 2016 18:07



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	393287		
235	64.0	42.5	82.5	
272	13.7	0.0	32.0	





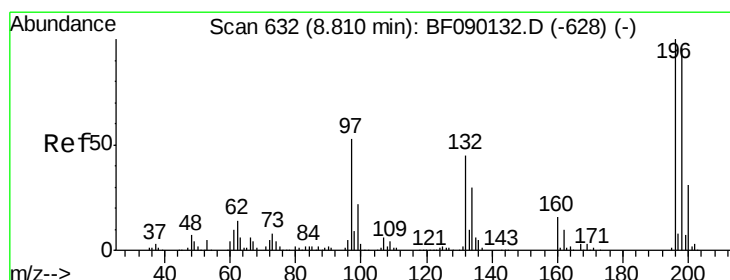
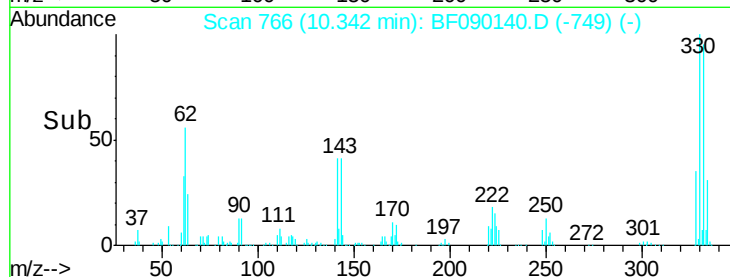
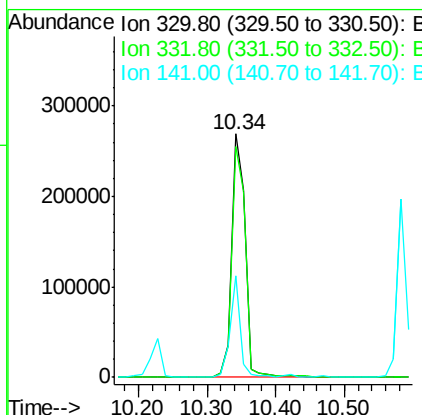
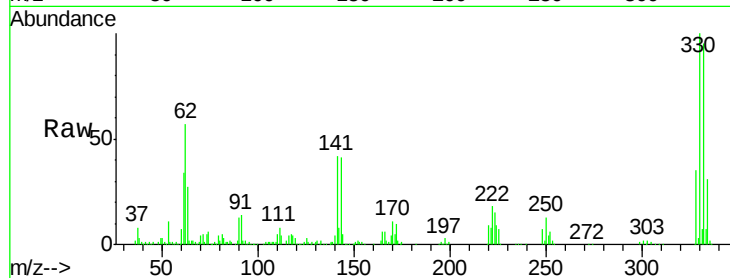
#41
 2,4,6-Tribromophenol
 Concen: 120.88 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	375555		
332	96.5	78.1	117.1	
141	30.3	23.9	35.9	

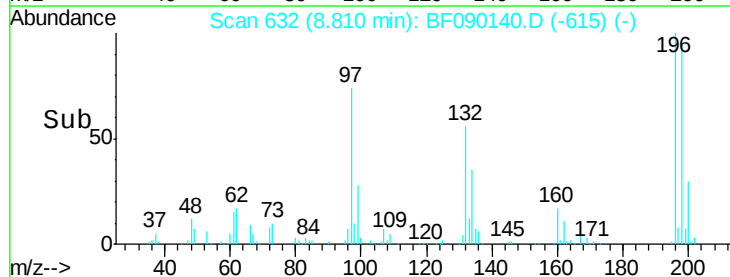
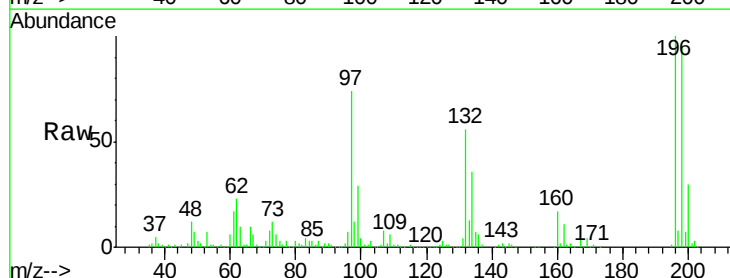
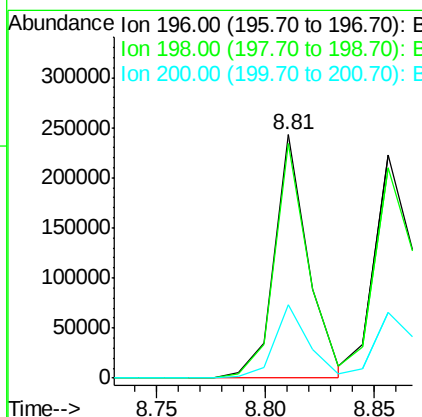
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#42
 2,4,6-Trichlorophenol
 Concen: 44.50 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	263597		
198	96.3	76.3	114.5	
200	29.9	24.1	36.1	





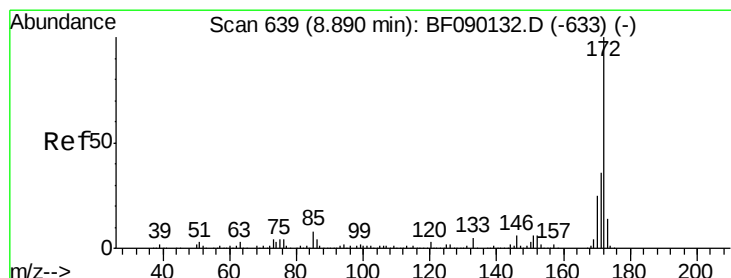
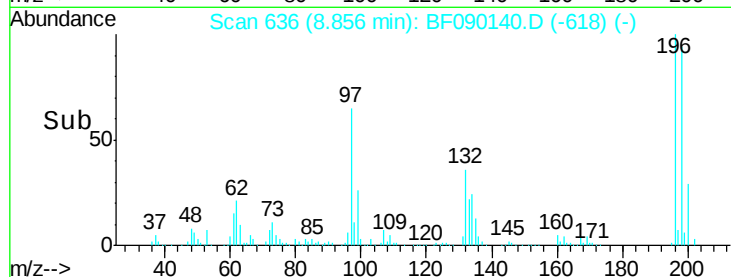
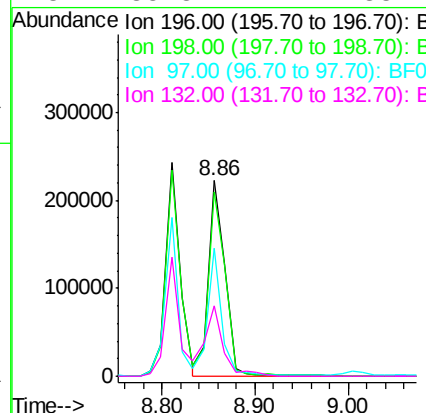
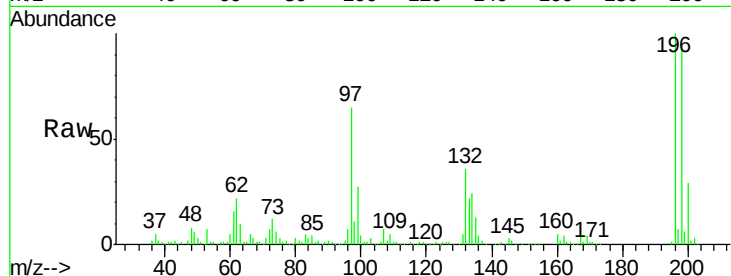
#43
 2,4,5-Trichlorophenol
 Concen: 44.99 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.01 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	275929		
198	94.1	76.6	114.8	
97	65.5	34.4	51.6	
132	35.8	22.2	33.2	

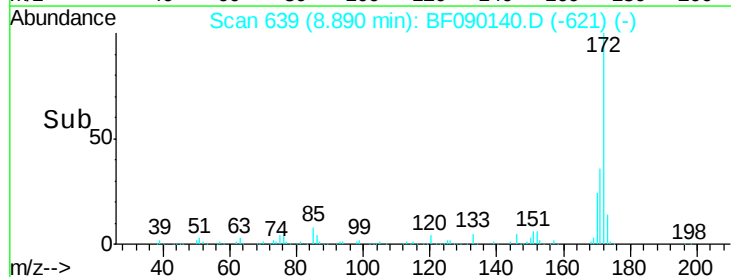
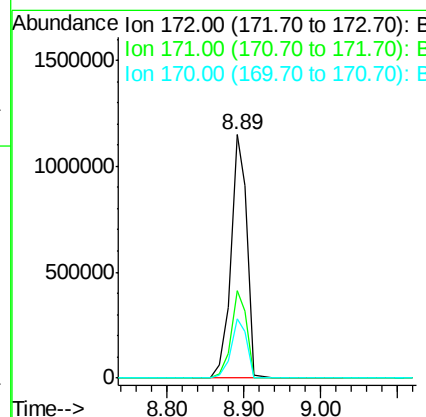
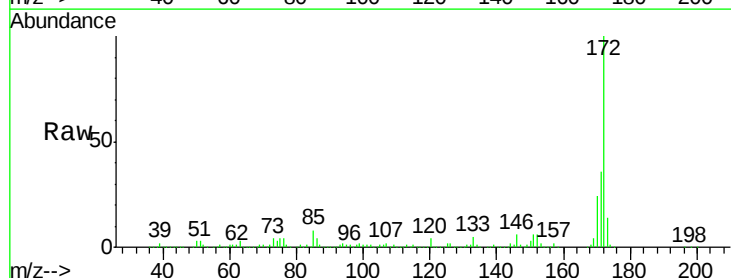
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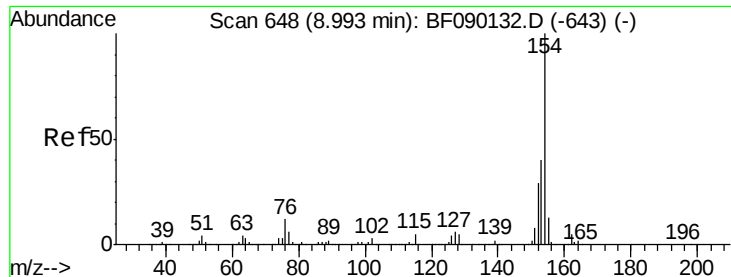
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#44
 2-Fluorobiphenyl
 Concen: 92.58 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1707800		
171	35.8	29.2	43.8	
170	24.3	19.8	29.8	





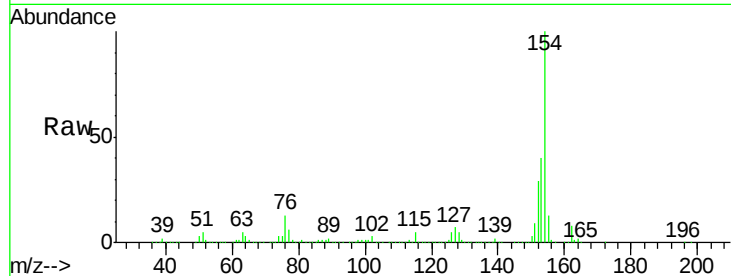
#45
 1,1'-Biphenyl
 Concen: 40.89 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

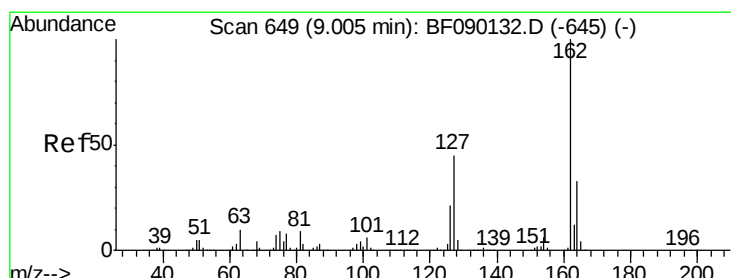
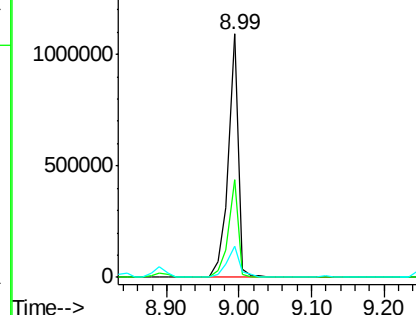
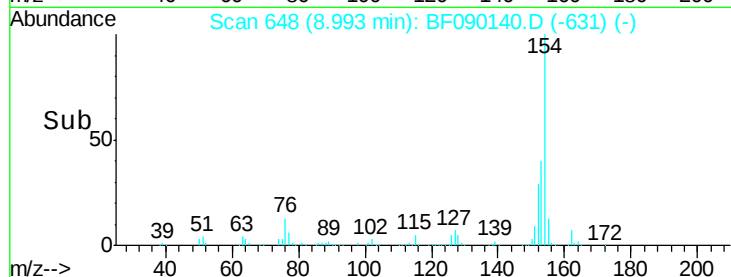
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.6	60.6
76	12.9	0.0	36.7

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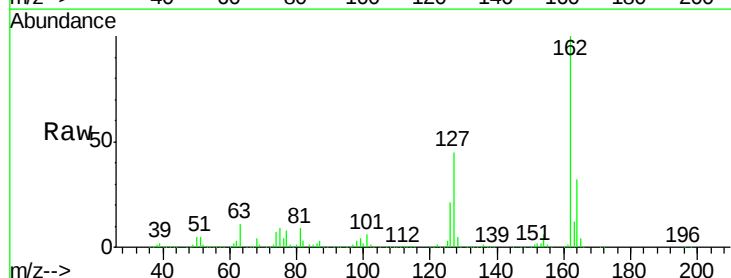


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

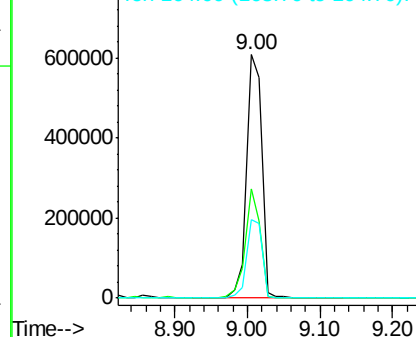
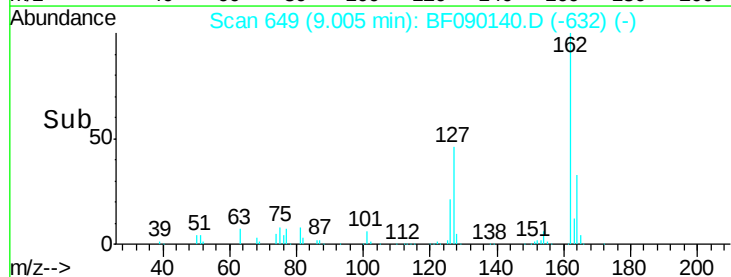


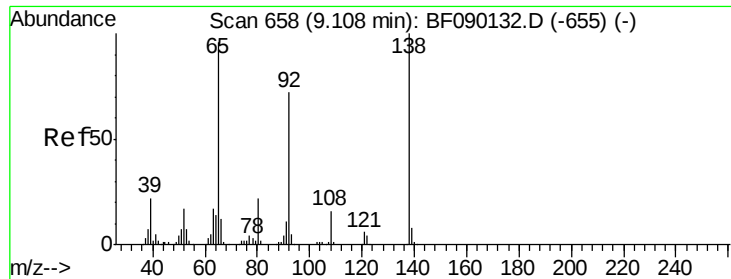
#46
 2-Chloronaphthalene
 Concen: 46.50 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.8	34.0	51.0
164	32.4	26.8	40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 50.56 ng

RT: 9.12 min Scan# 659

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

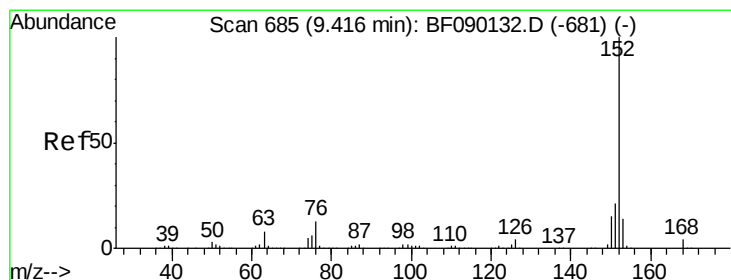
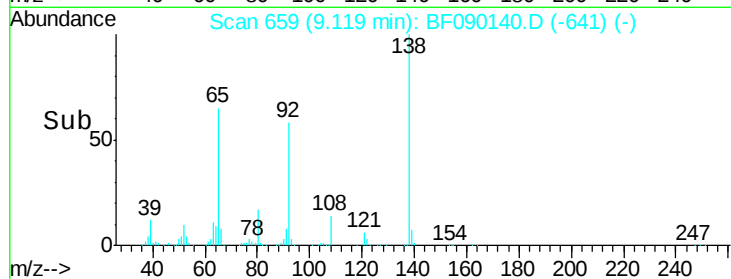
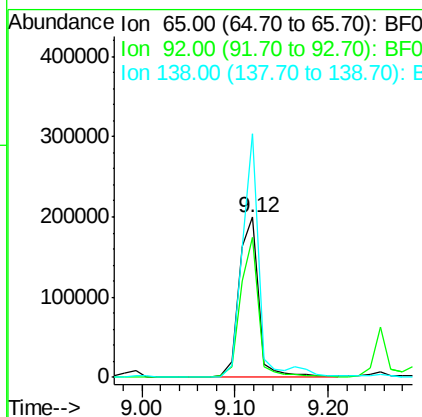
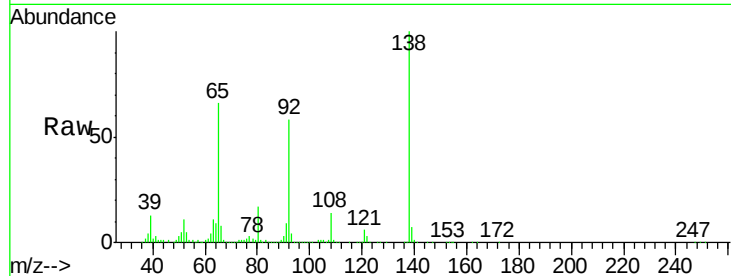
ClientSampleId :

PB93481BS

Tgt Ion:	65	Resp:	291368
Ion Ratio	Lower	Upper	
65	100		
92	87.8	66.1	99.1
138	152.2	104.1	156.1

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#48

Acenaphthylene

Concen: 40.84 ng

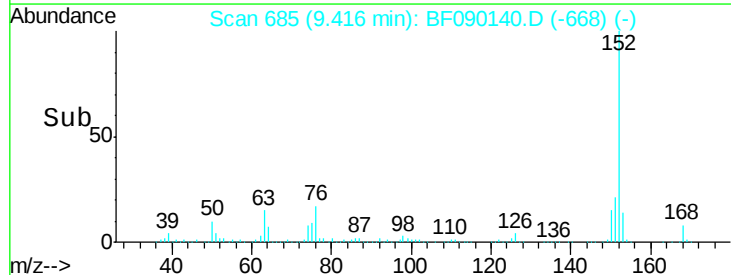
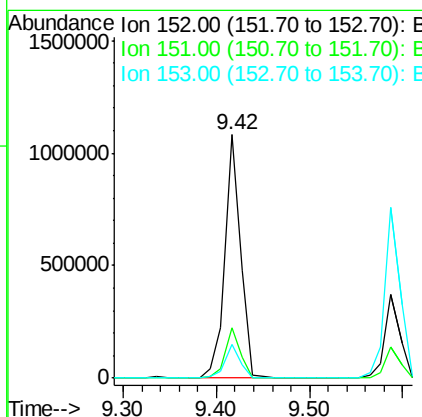
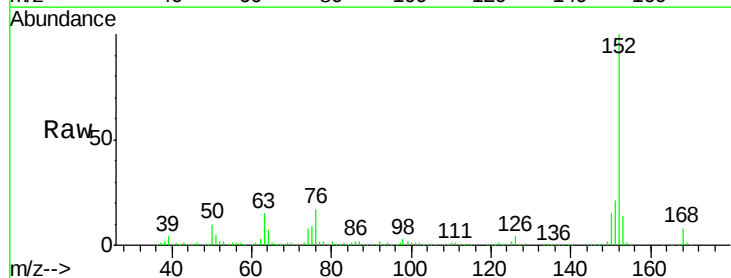
RT: 9.42 min Scan# 685

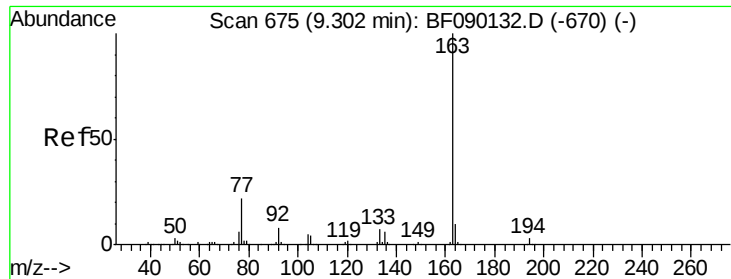
Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Tgt Ion:	152	Resp:	1267859
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.5	24.7
153	13.8	10.6	15.8





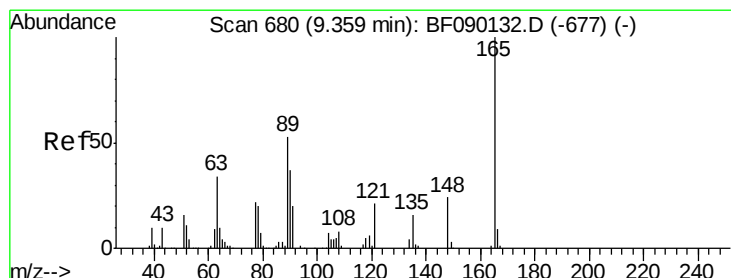
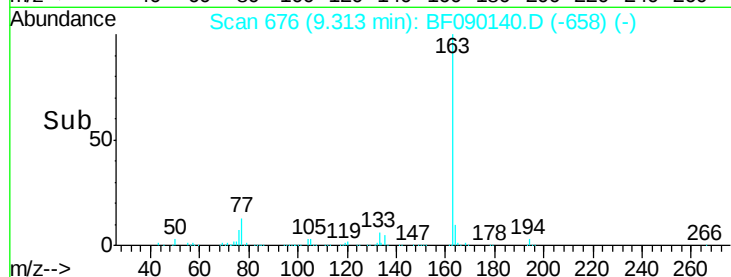
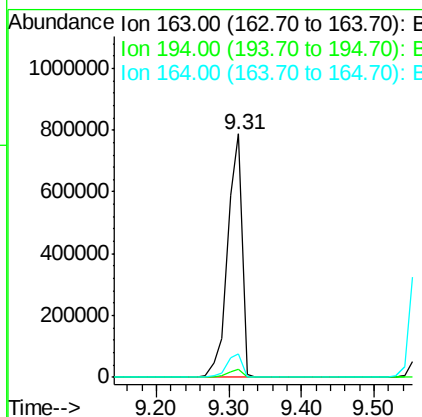
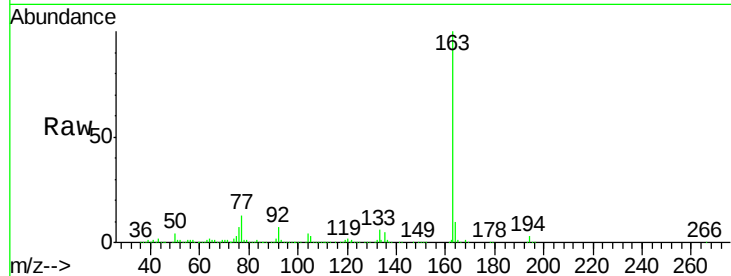
#49
Dimethylphthalate
Concen: 46.90 ng
RT: 9.31 min Scan# 676
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampled :
PB93481BS

Tgt Ion:163 Resp: 1081827
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.7 8.1 12.1

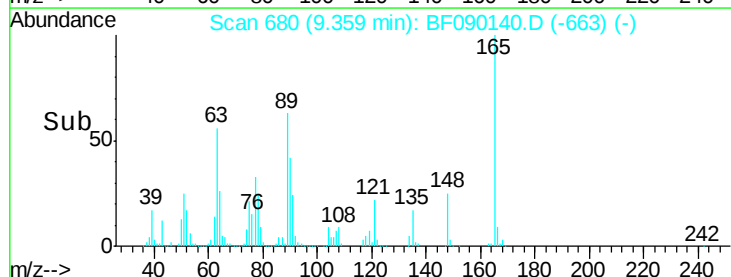
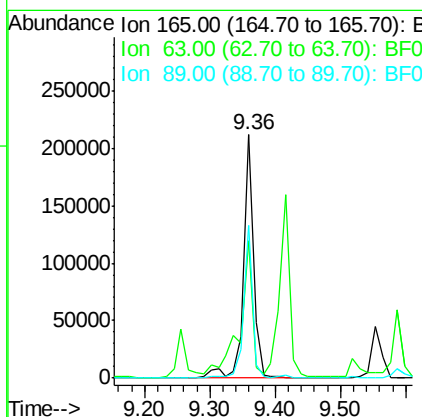
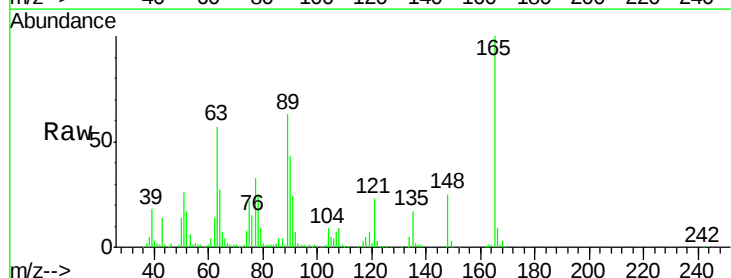
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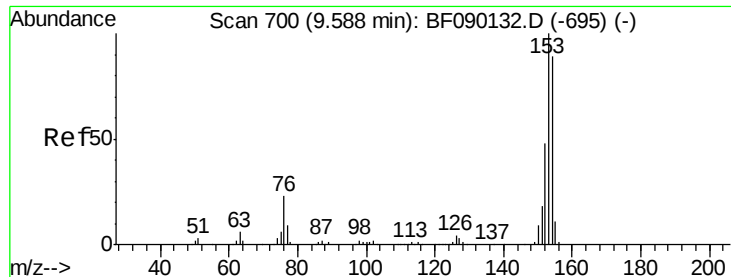
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#50
2,6-Dinitrotoluene
Concen: 43.92 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:165 Resp: 225804
Ion Ratio Lower Upper
165 100
63 56.7 49.9 74.9
89 62.8 51.0 76.4





#51

Acenaphthene

Concen: 42.02 ng

RT: 9.59 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

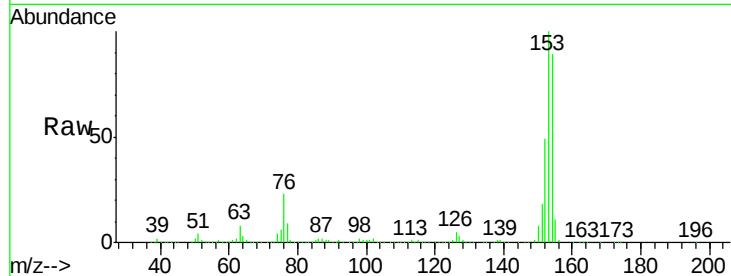
ClientSampled :

PB93481BS

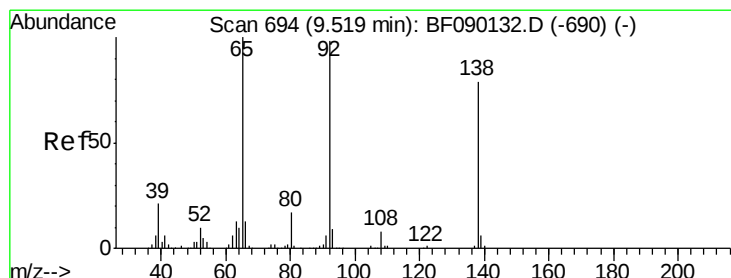
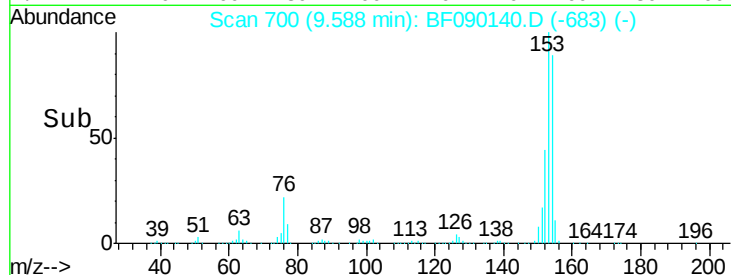
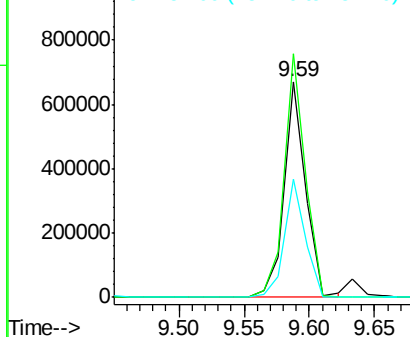
Tgt Ion:	154	Resp:	774156
Ion Ratio	Lower	Upper	
154	100		
153	113.0	90.8	136.2
152	55.1	44.2	66.4

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.58 ng

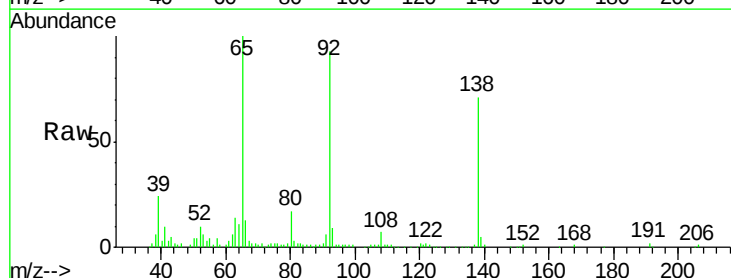
RT: 9.52 min Scan# 694

Delta R.T. -0.00 min

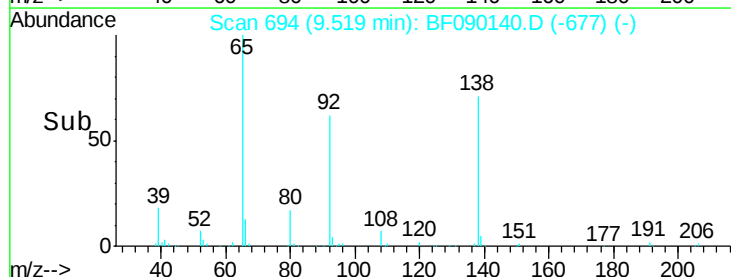
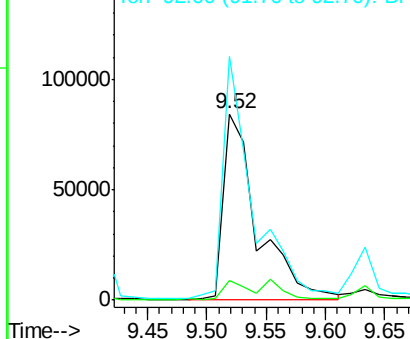
Lab File: BF090140.D

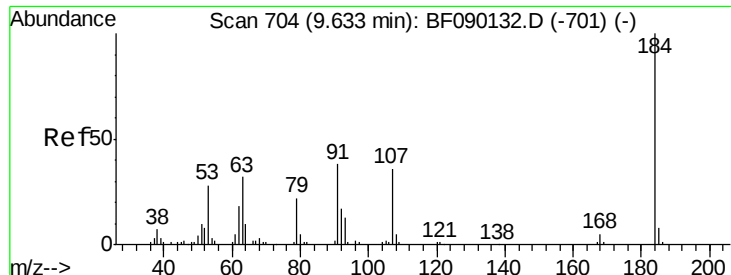
Acq: 20 Sep 2016 18:07

Tgt Ion:	138	Resp:	166212
Ion Ratio	Lower	Upper	
138	100		
108	10.5	7.8	11.6
92	130.7	90.7	136.1



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





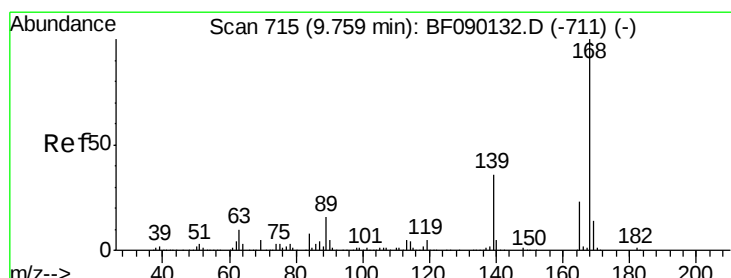
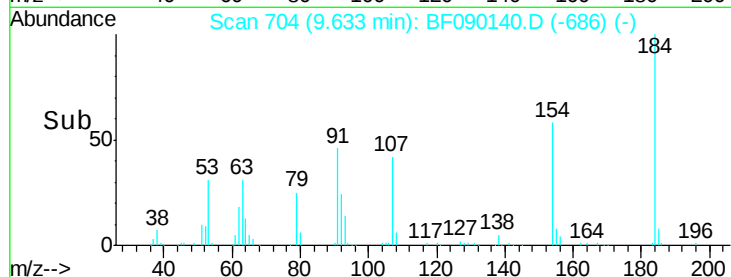
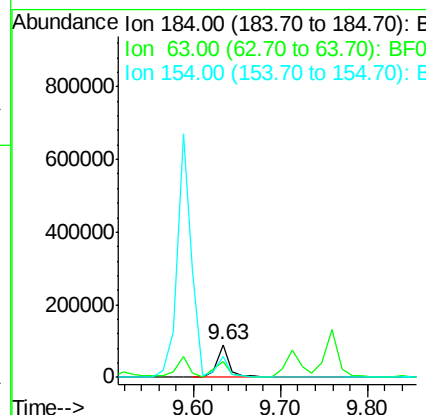
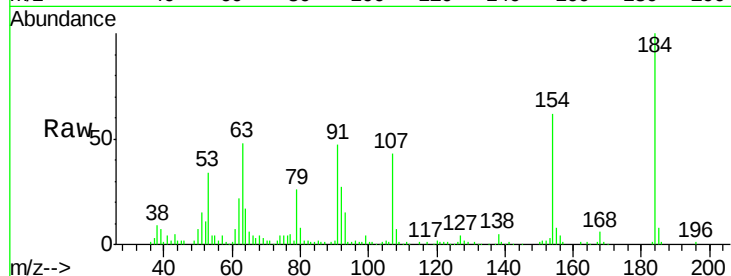
#53
 2,4-Dinitrophenol
 Concen: 35.50 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	96845		
63	48.1		44.6	67.0
154	61.9		49.7	74.5

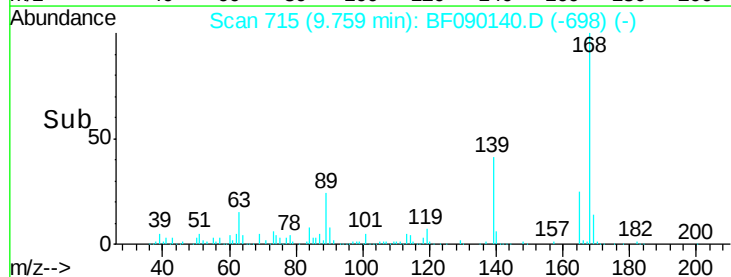
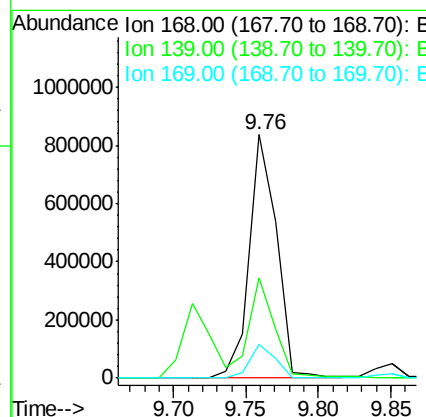
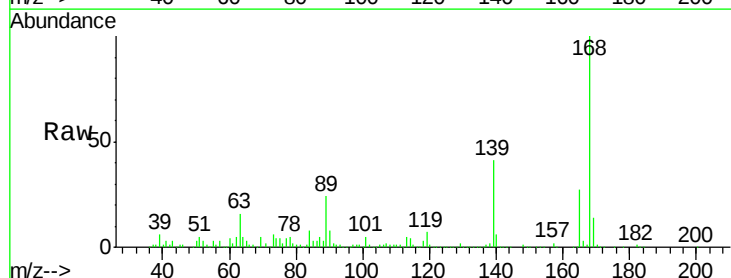
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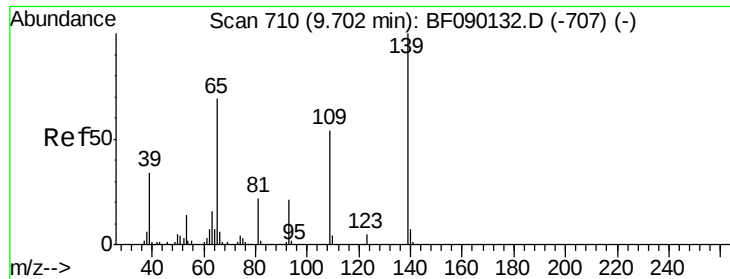
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#54
 Dibenzofuran
 Concen: 45.01 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1091358		
139	41.1		28.8	43.2
169	13.9		10.7	16.1





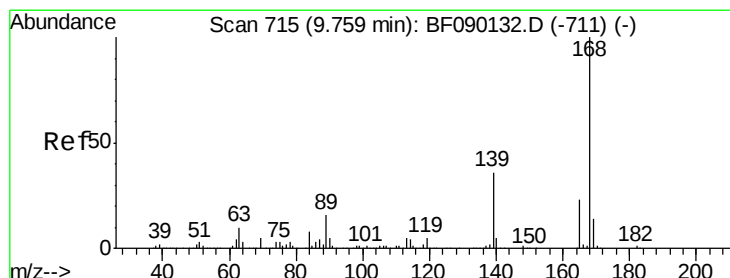
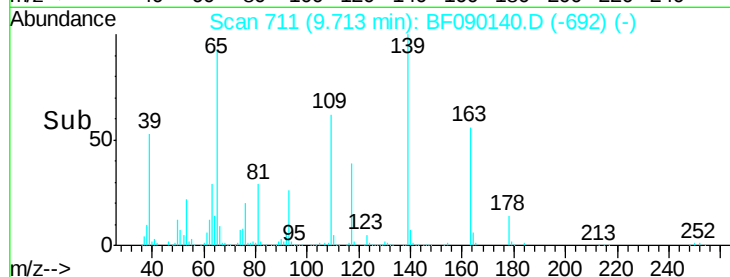
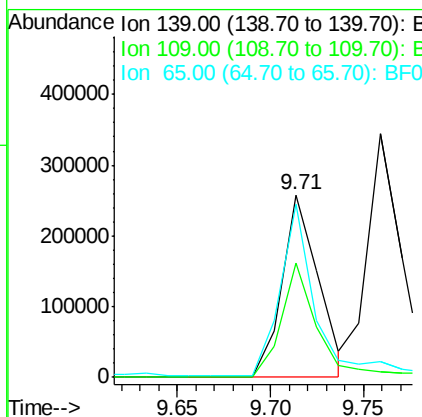
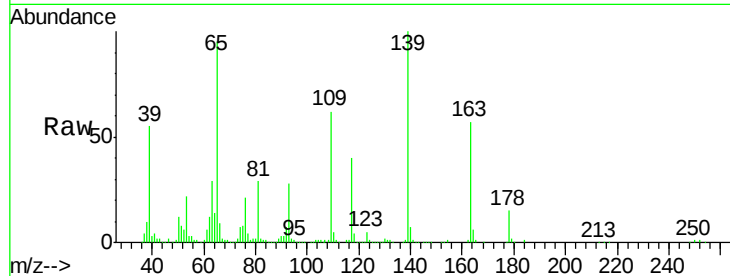
#55
4-Nitrophenol
Concen: 85.09 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	351367		
109	62.5	35.6	75.6	
65	94.8	55.5	95.5	

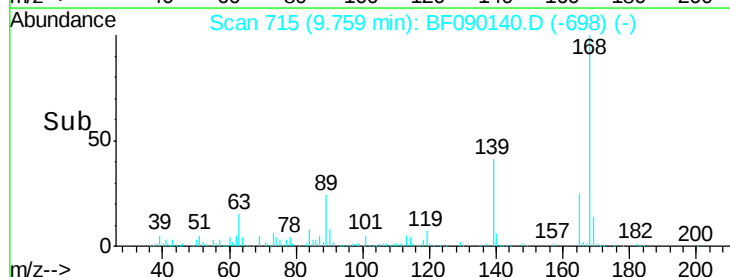
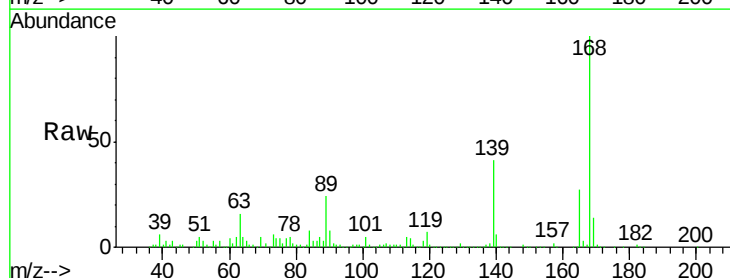
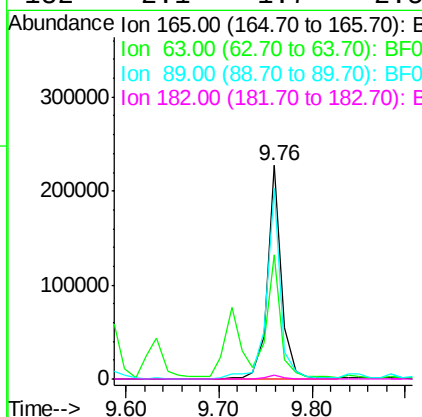
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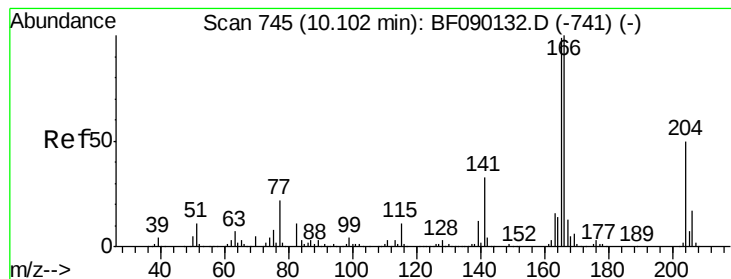
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#56
2,4-Dinitrotoluene
Concen: 39.96 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	242888		
63	58.3	44.4	66.6	
89	89.2	70.1	105.1	
182	2.1	1.7	2.5	





#57

Fluorene

Concen: 42.51 ng

RT: 10.10 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

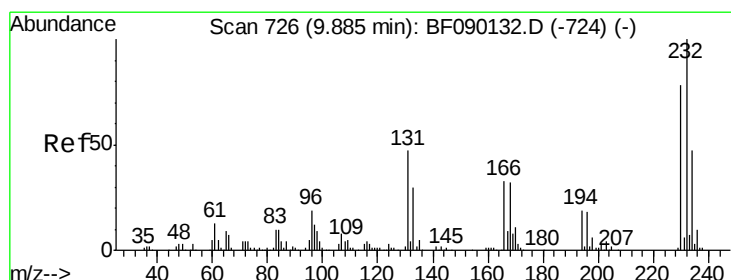
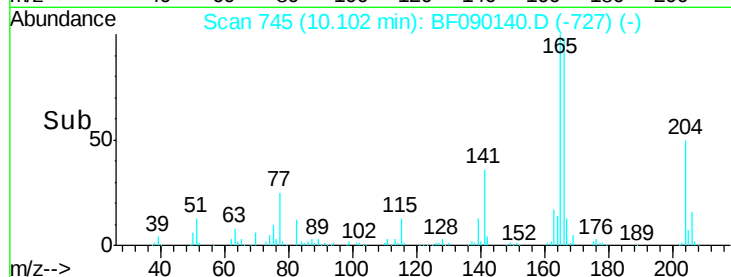
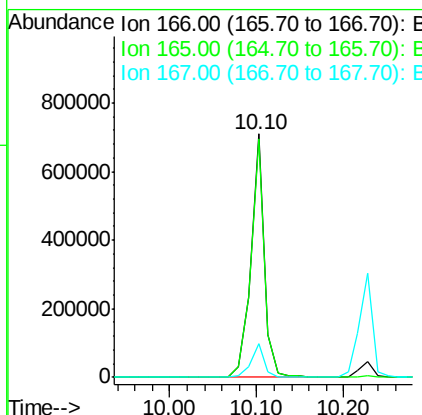
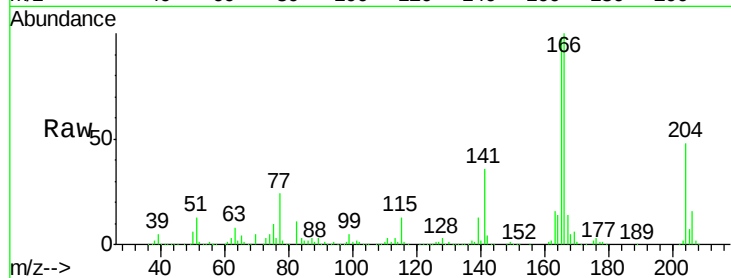
ClientSampleId :

PB93481BS

Tgt Ion:	166	Resp:	776861
Ion Ratio	Lower	Upper	
166	100		
165	97.8	78.5	117.7
167	13.7	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 46.89 ng m

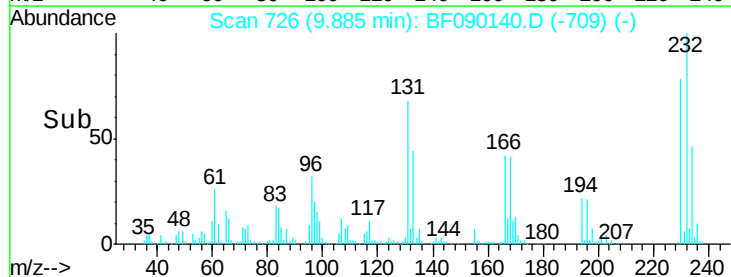
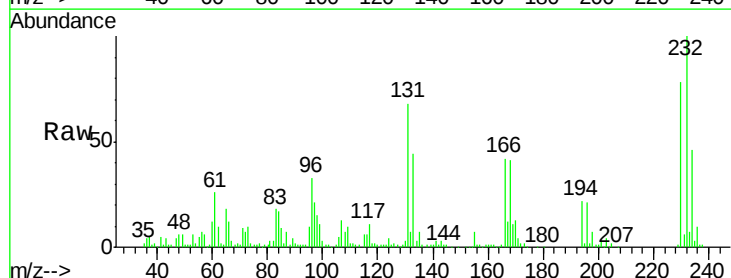
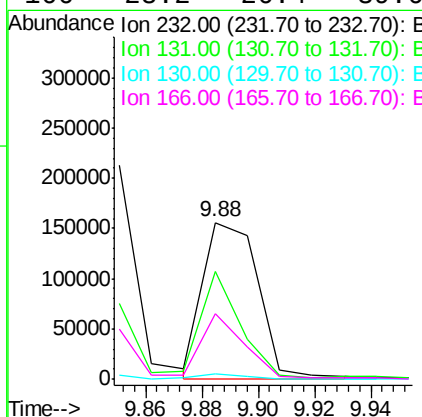
RT: 9.88 min Scan# 726

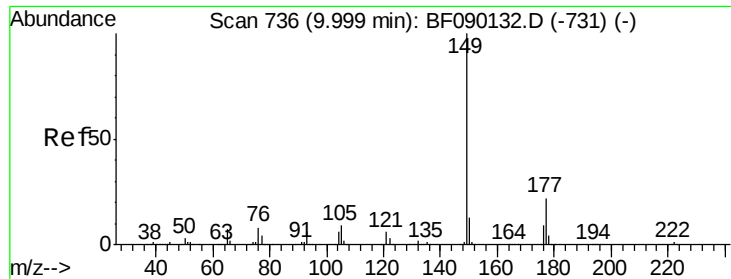
Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Tgt Ion:	232	Resp:	215320
Ion Ratio	Lower	Upper	
232	100		
131	46.1	42.2	63.4
130	2.2	1.9	2.9
166	28.2	26.4	39.6





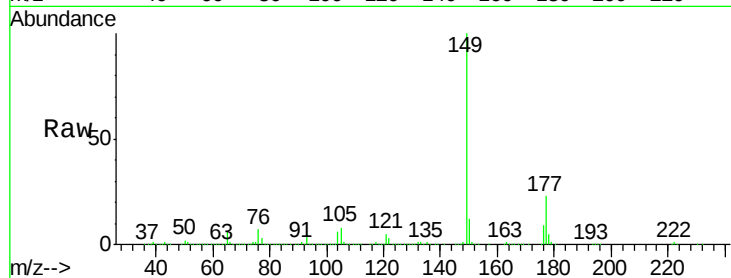
#59
Diethylphthalate
Concen: 52.60 ng
RT: 10.01 min Scan# 737
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampled :
PB93481BS

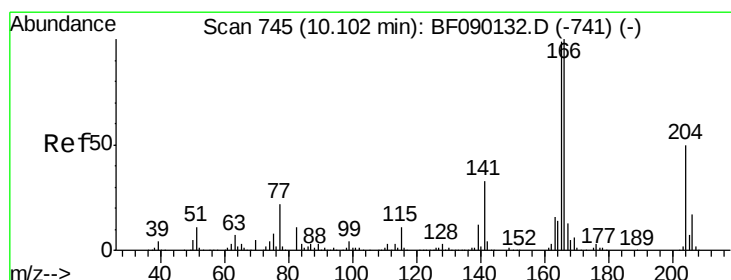
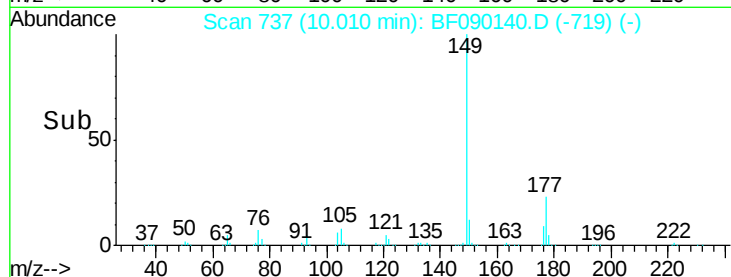
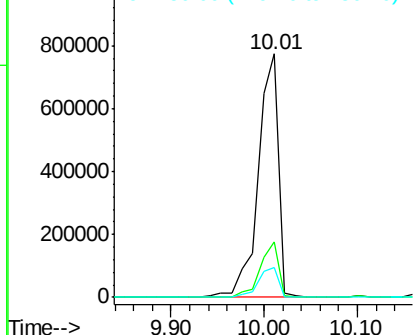
Tgt Ion:149 Resp: 1171655
Ion Ratio Lower Upper
149 100
177 23.0 15.8 23.6
150 12.4 10.4 15.6

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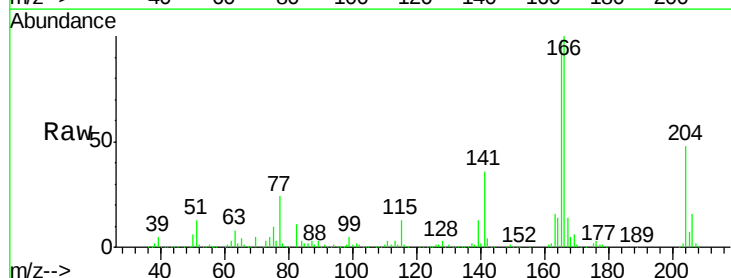


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

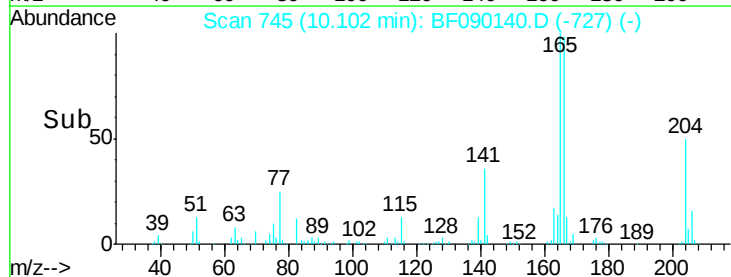
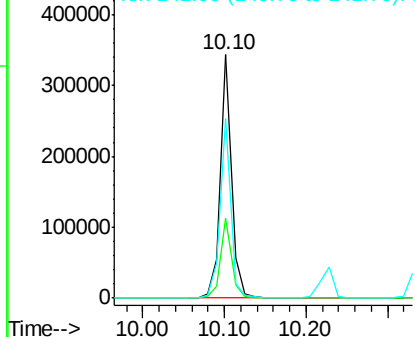


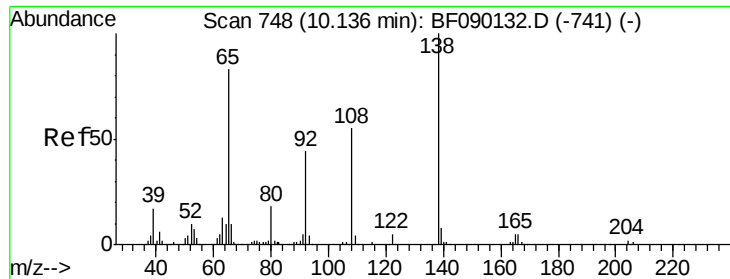
#60
4-Chlorophenyl-phenylether
Concen: 39.15 ng
RT: 10.10 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion:204 Resp: 326226
Ion Ratio Lower Upper
204 100
206 32.8 25.6 38.4
141 73.8 64.4 96.6



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





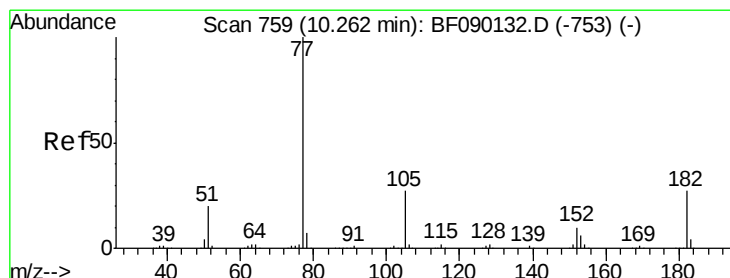
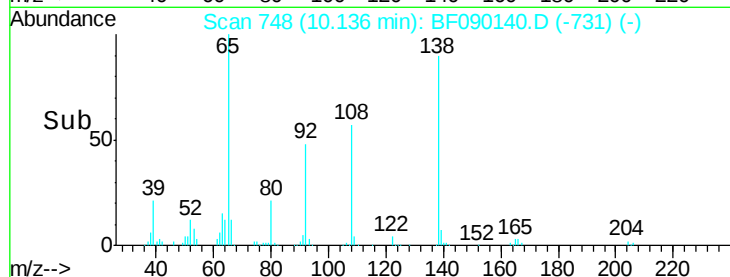
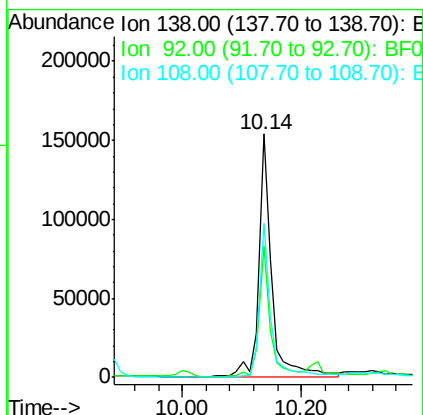
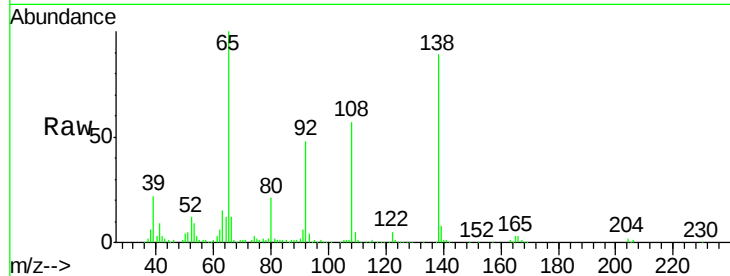
#61
4-Nitroaniline
Concen: 37.07 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.0	23.8	63.8
108	63.4	35.0	75.0

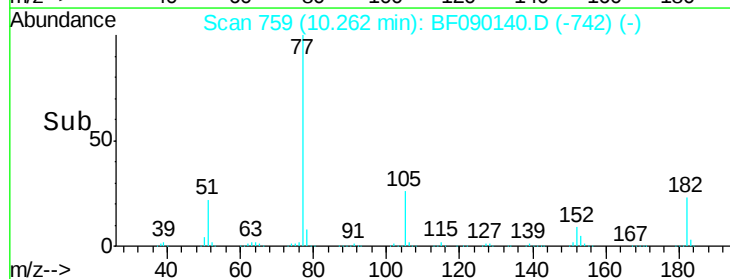
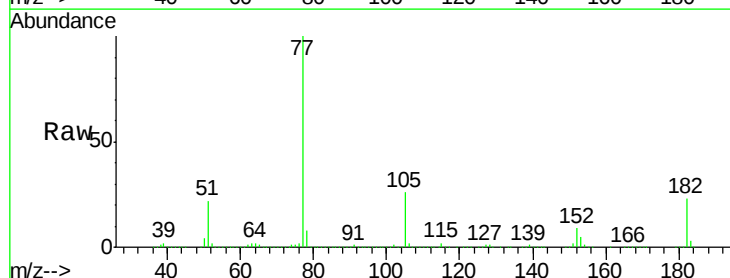
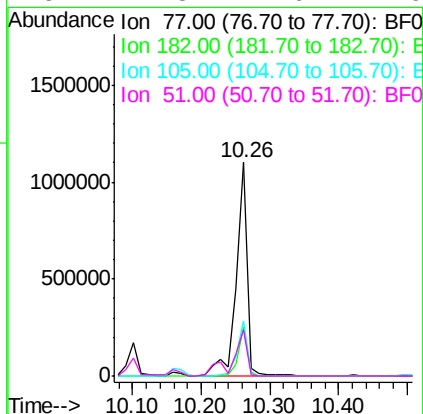
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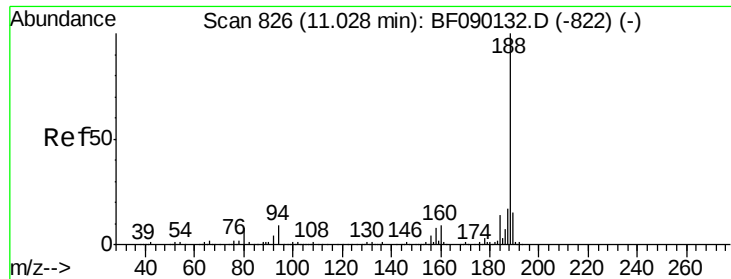
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#62
Azobenzene
Concen: 53.14 ng
RT: 10.26 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.1	0.0	38.4
105	25.7	3.8	43.8
51	21.8	2.6	42.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

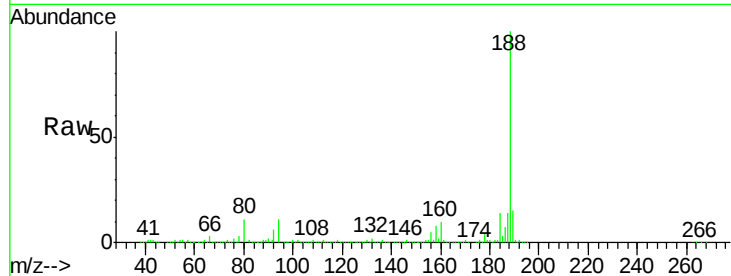
ClientSampleId :

PB93481BS

Tgt Ion:	188	Resp:	581286
Ion Ratio	Lower	Upper	
188	100		
94	10.8	10.5	15.7
80	11.1	11.2	16.8#

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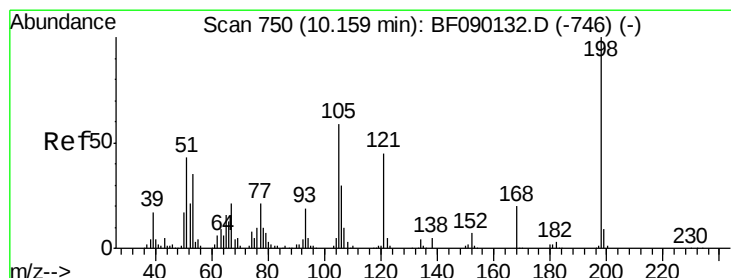
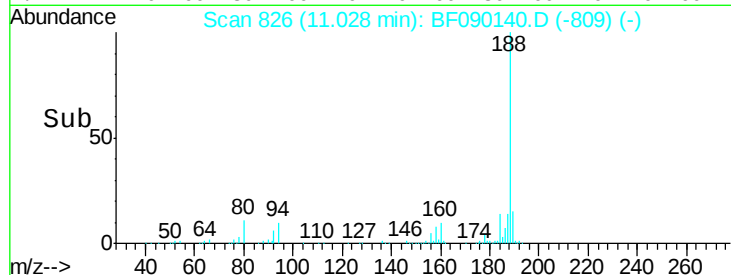
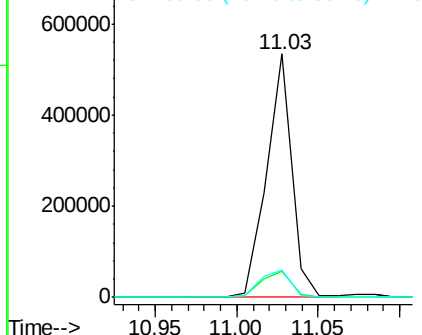
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 26.54 ng

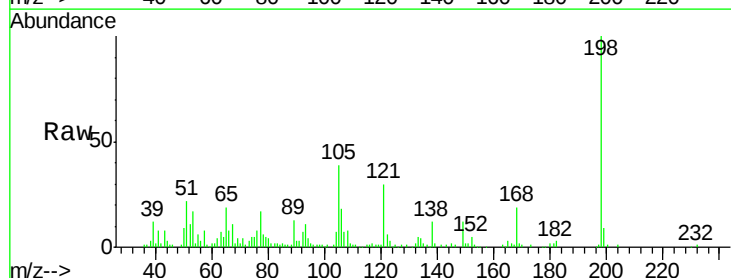
RT: 10.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

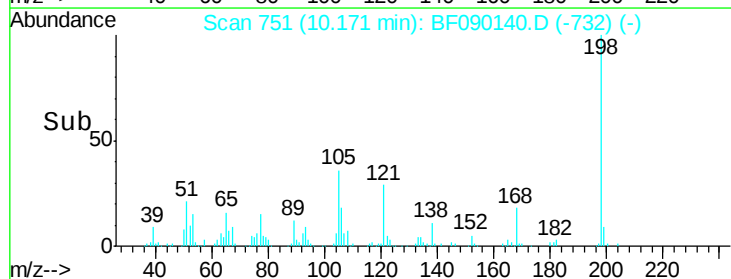
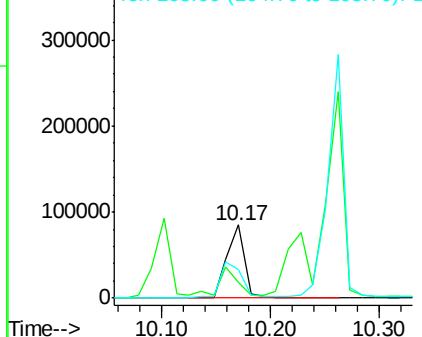
Tgt Ion:	198	Resp:	96628
Ion Ratio	Lower	Upper	
198	100		
51	22.2	5.5	45.5
105	38.5	21.8	61.8

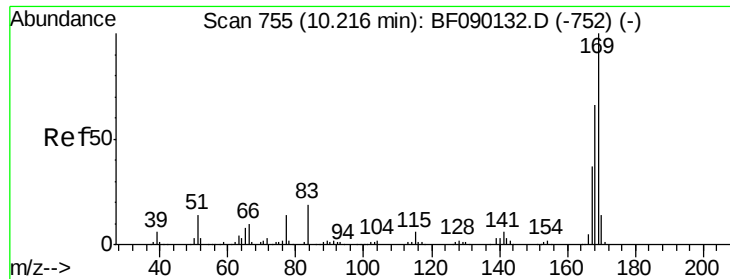


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 44.88 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

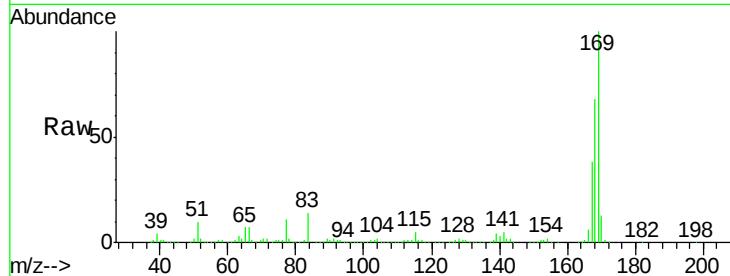
ClientSampled :

PB93481BS

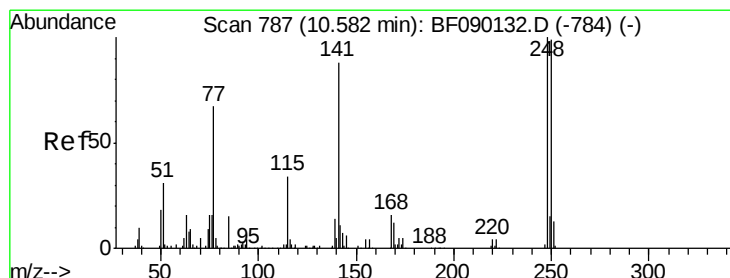
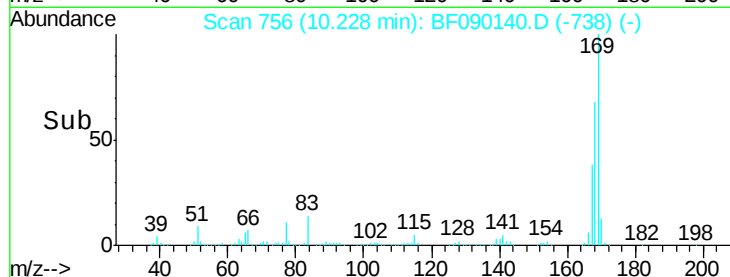
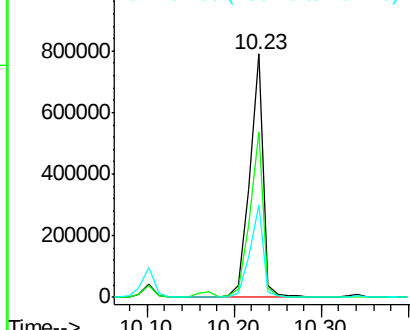
Tgt Ion:	169	Resp:	857858
Ion Ratio	Lower	Upper	
169	100		
168	68.0	54.2	81.4
167	38.2	30.3	45.5

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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: 43.54 ng

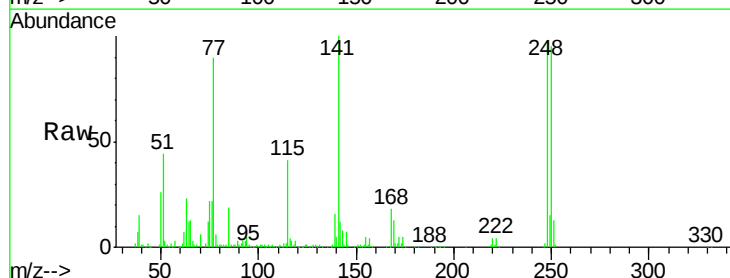
RT: 10.58 min Scan# 787

Delta R.T. -0.00 min

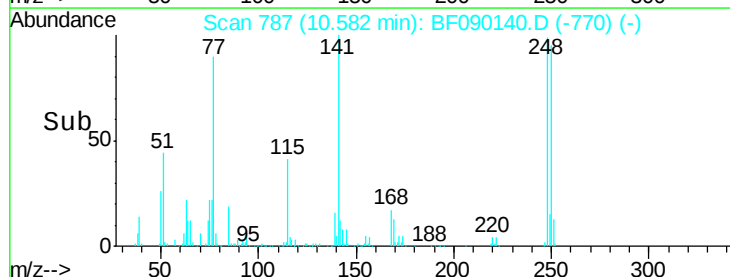
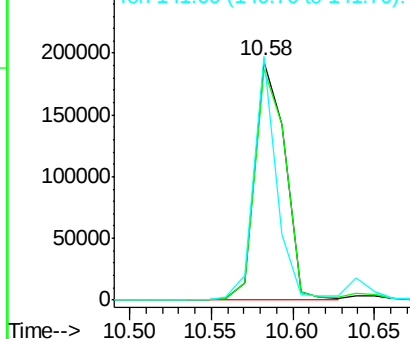
Lab File: BF090140.D

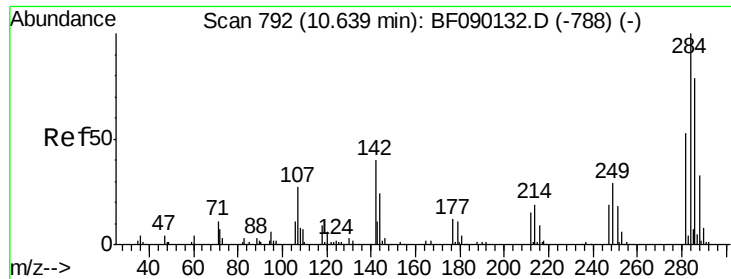
Acq: 20 Sep 2016 18:07

Tgt Ion:	248	Resp:	249057
Ion Ratio	Lower	Upper	
248	100		
250	96.3	79.4	119.2
141	101.9	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





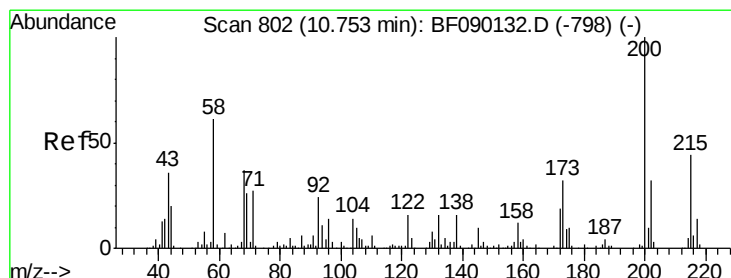
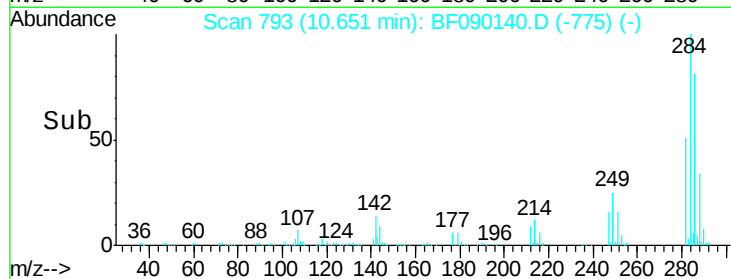
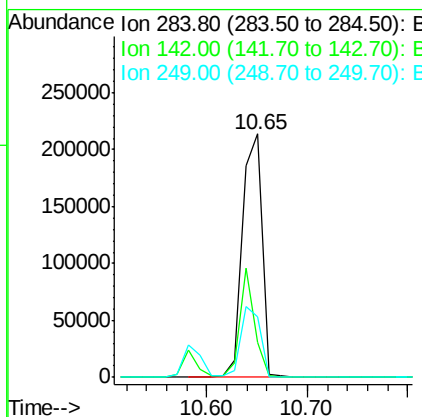
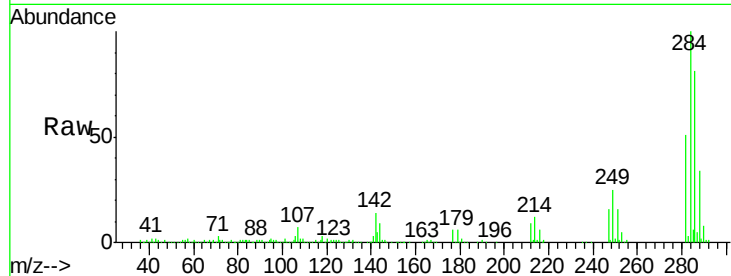
#67
Hexachlorobenzene
Concen: 43.53 ng
RT: 10.65 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampled :
PB93481BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	290197		
142	14.3	24.0	36.0#	
249	24.8	23.8	35.6	

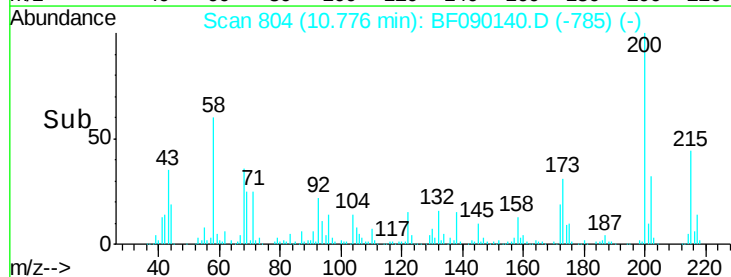
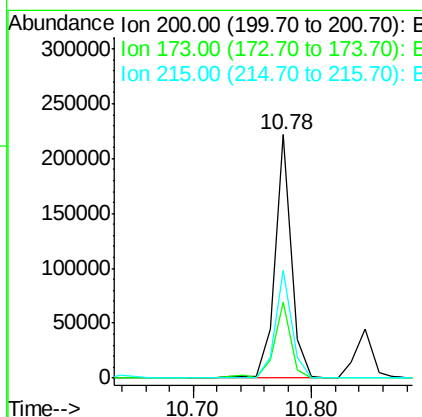
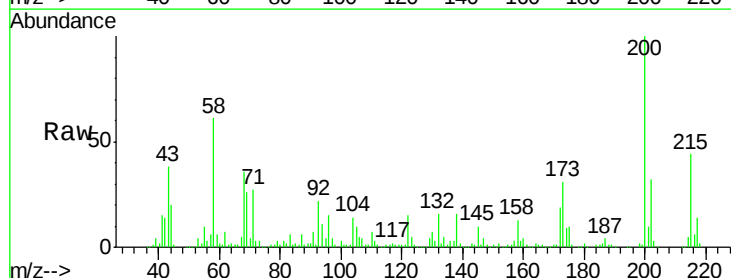
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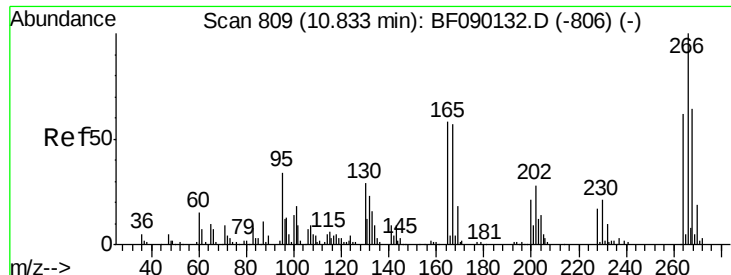
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#68
Atrazine
Concen: 40.76 ng
RT: 10.78 min Scan# 804
Delta R.T. 0.02 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	213474		
173	31.1	9.3	49.3	
215	44.5	26.1	66.1	





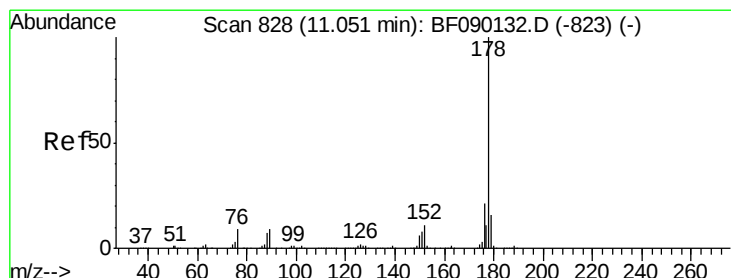
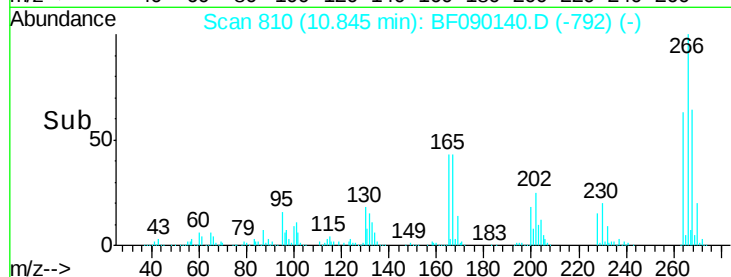
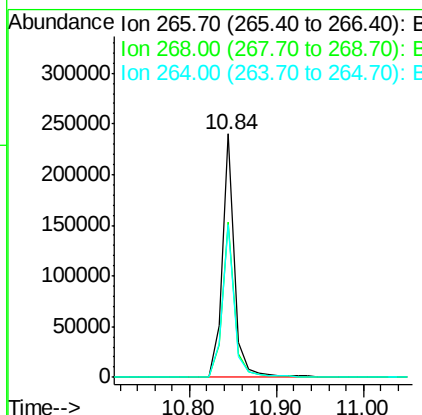
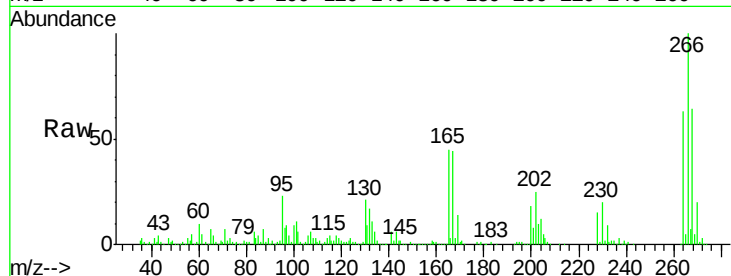
#69
 Pentachlorophenol
 Concen: 63.63 ng
 RT: 10.84 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	240769		
268	64.0	52.1	78.1	
264	62.7	50.3	75.5	

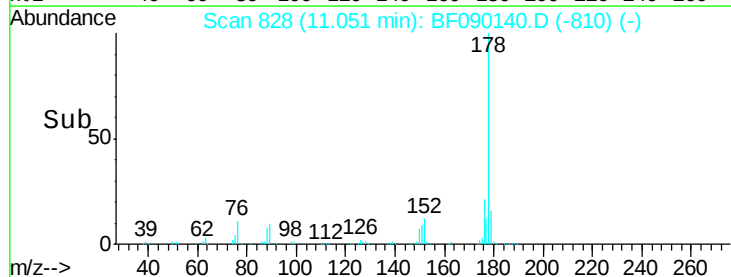
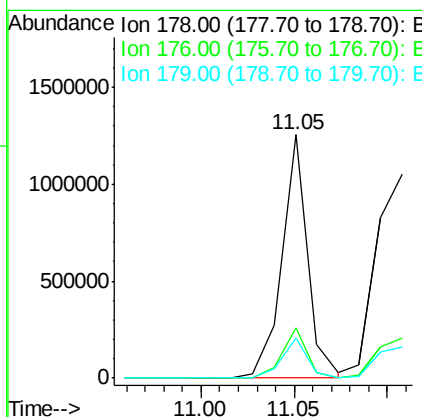
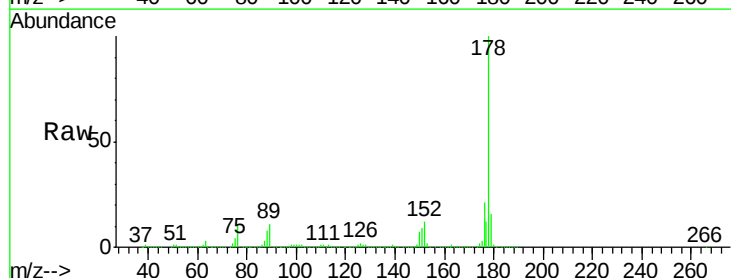
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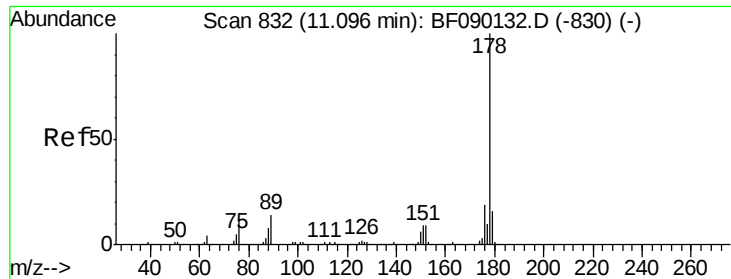
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#70
 Phenanthrene
 Concen: 44.21 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1201893		
176	20.7	15.9	23.9	
179	16.2	12.9	19.3	





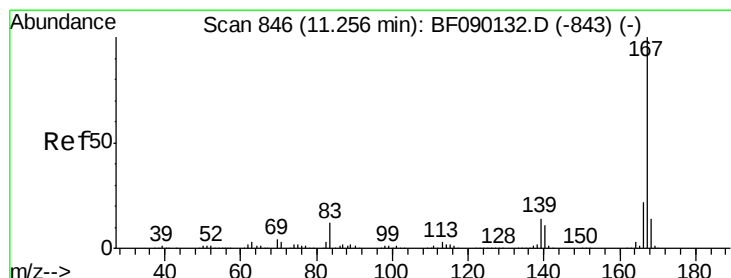
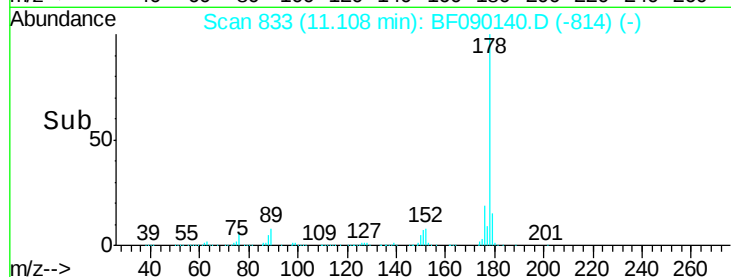
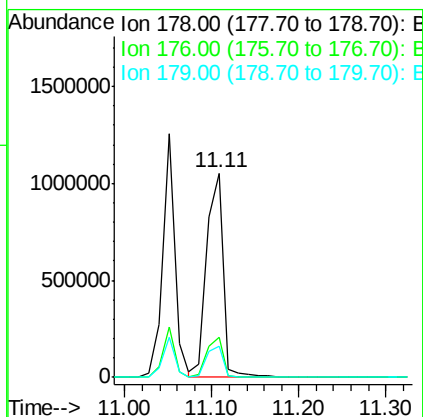
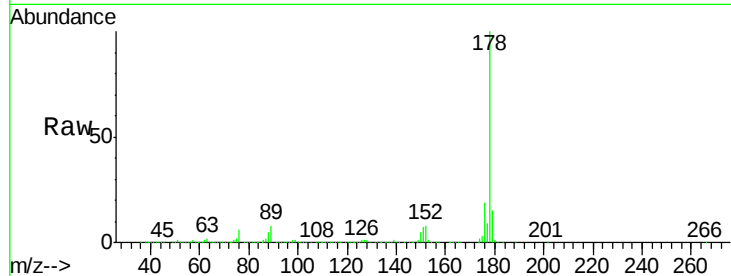
#71
 Anthracene
 Concen: 49.18 ng
 RT: 11.11 min Scan# 833
 Delta R.T. 0.01 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion:178 Resp: 1402130
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.6
 179 15.4 12.6 19.0

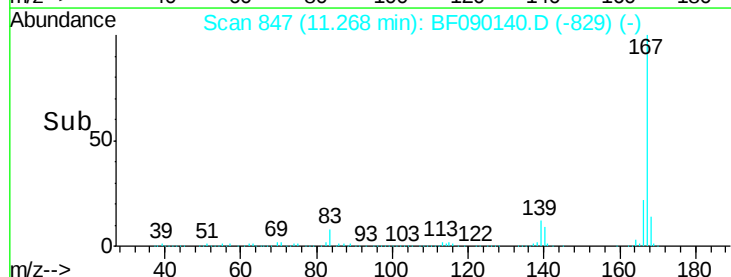
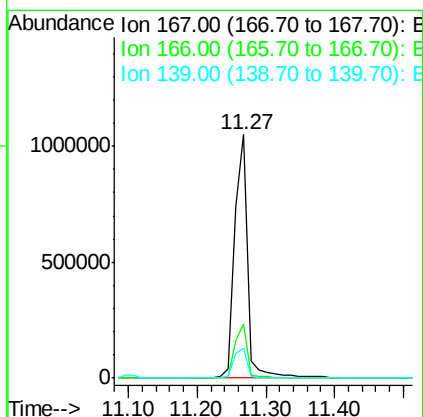
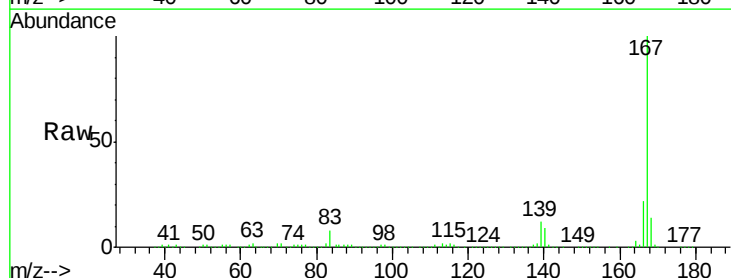
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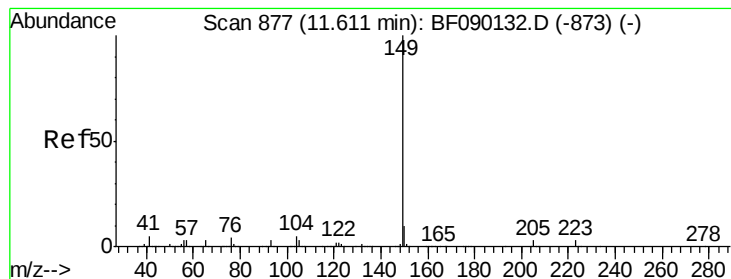
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#72
 Carbazole
 Concen: 46.20 ng
 RT: 11.27 min Scan# 847
 Delta R.T. 0.01 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion:167 Resp: 1392471
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.0 27.0
 139 12.2 10.4 15.6





#73

Di-n-butylphthalate

Concen: 32.67 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

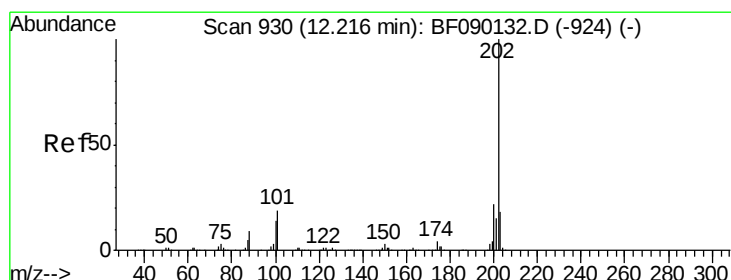
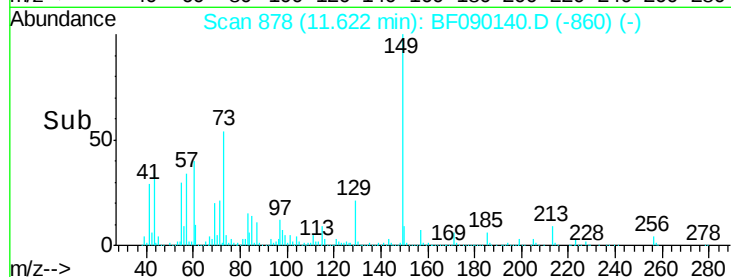
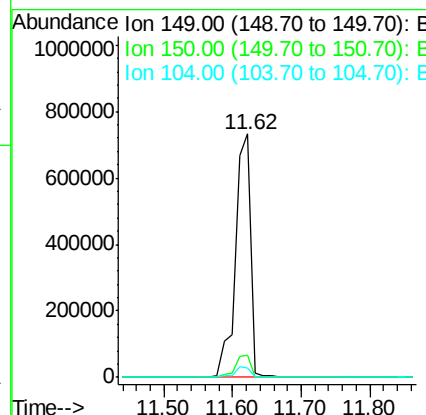
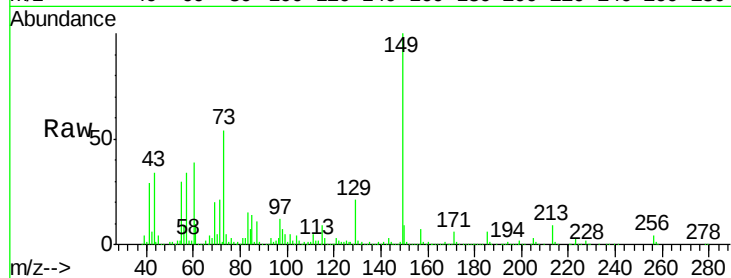
ClientSampleId :

PB93481BS

Tgt Ion:	149	Resp:	1145137
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.8
104	4.1	3.9	5.9

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#74

Fluoranthene

Concen: 45.21 ng

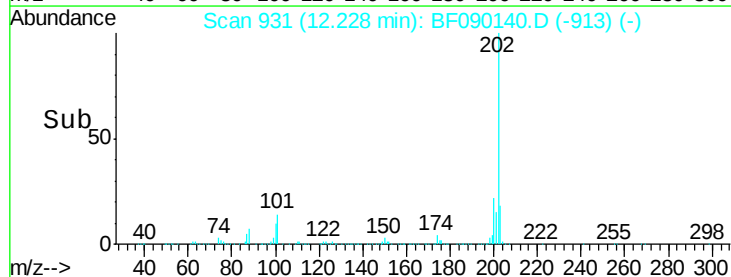
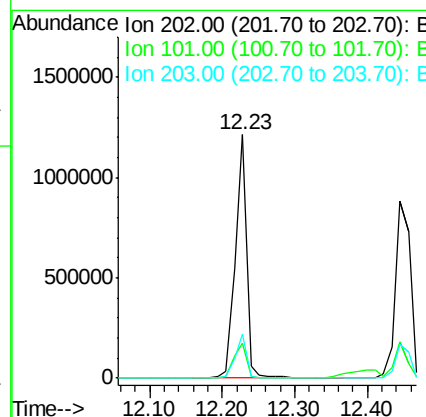
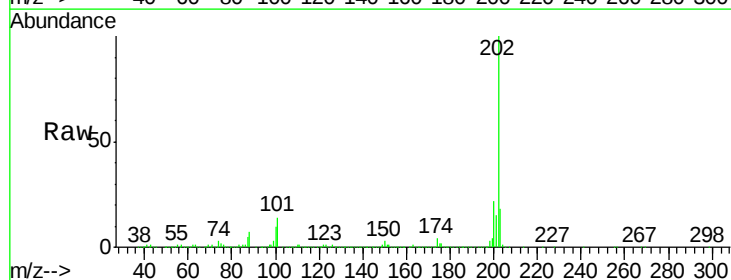
RT: 12.23 min Scan# 931

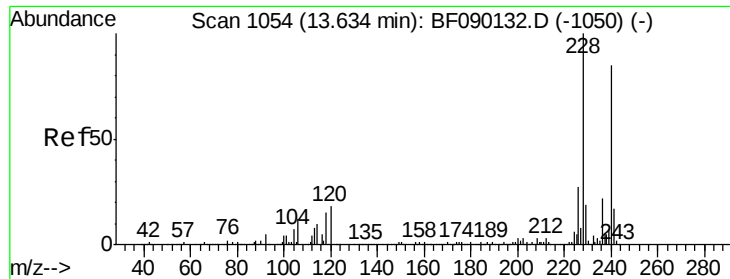
Delta R.T. 0.01 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Tgt Ion:	202	Resp:	1319316
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	36.1
203	17.9	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.63 min Scan# 1054

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

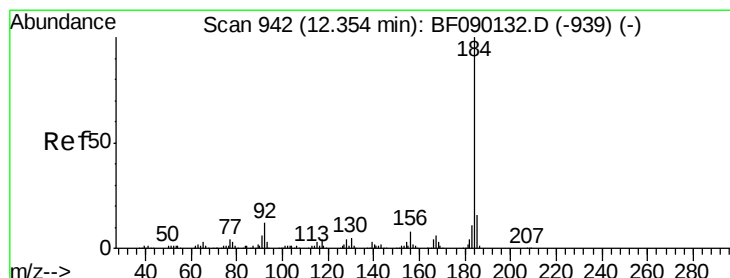
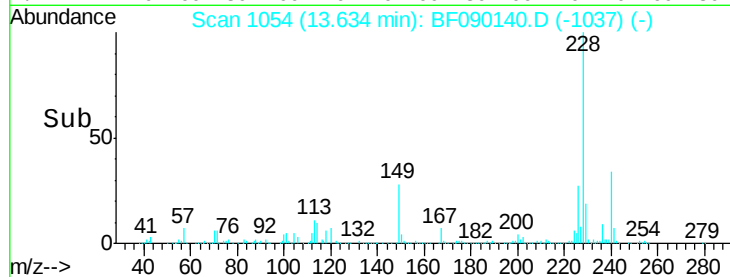
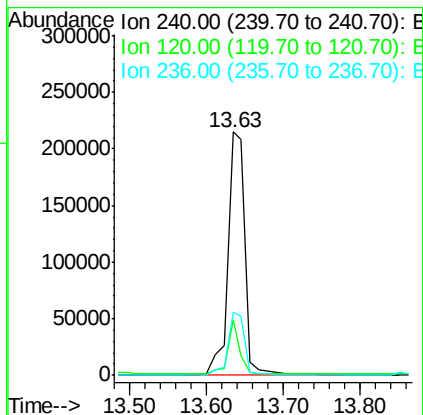
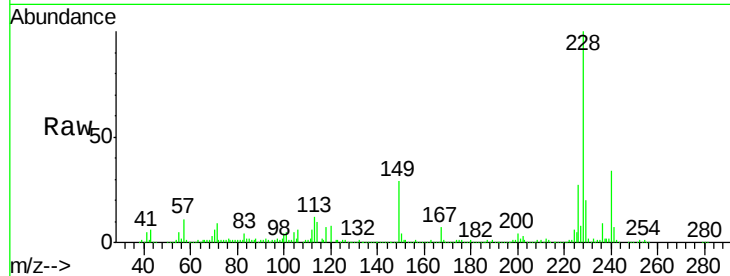
ClientSampled :

PB93481BS

Tgt Ion:	240	Resp:	344226
Ion Ratio	Lower	Upper	
240	100		
120	23.0	10.6	16.0#
236	25.9	21.6	32.4

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#76

Benzidine

Concen: 2.08 ng

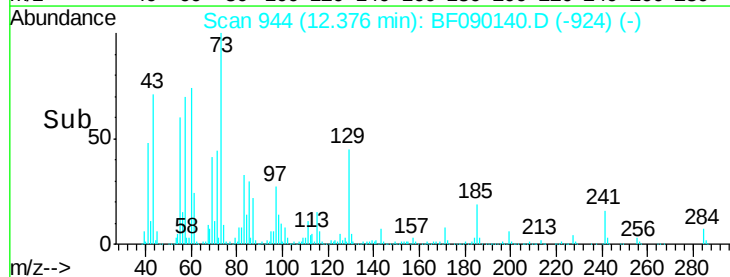
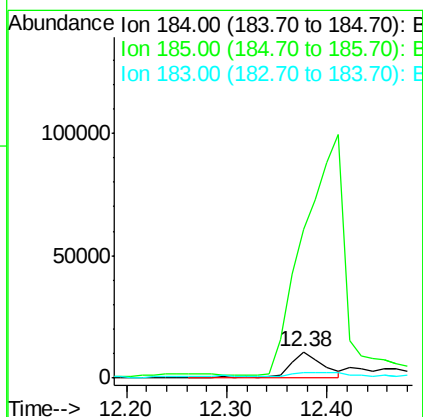
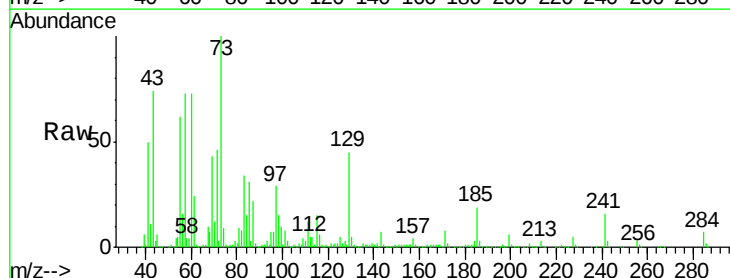
RT: 12.38 min Scan# 944

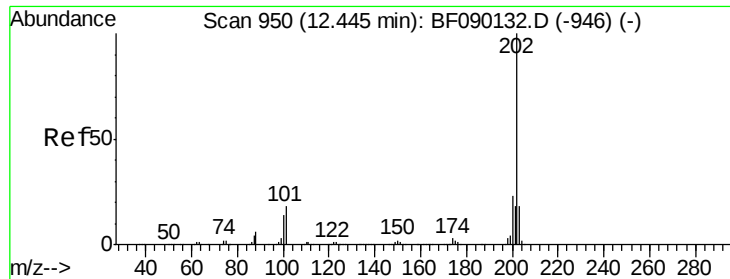
Delta R.T. 0.02 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Tgt Ion:	184	Resp:	23991
Ion Ratio	Lower	Upper	
184	100		
185	571.1	13.2	19.8#
183	21.7	9.2	13.8#





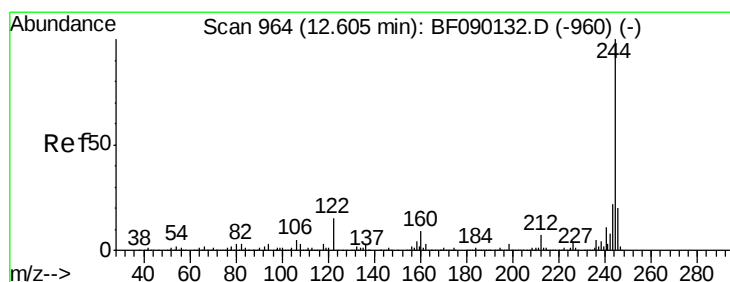
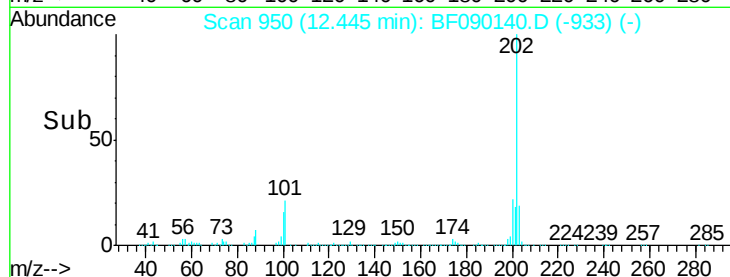
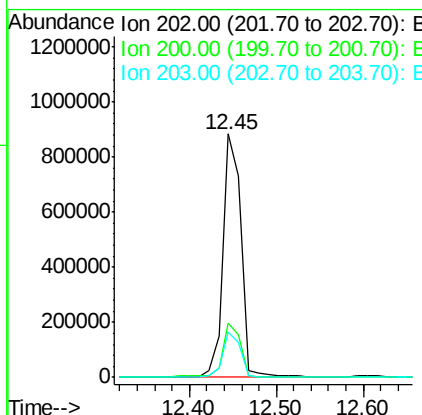
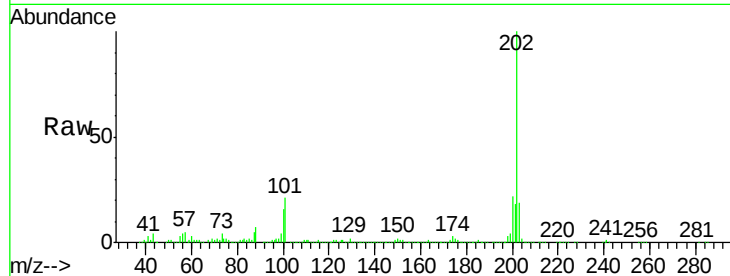
#77
 Pyrene
 Concen: 53.97 ng
 RT: 12.45 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampled :
 PB93481BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.9	26.9
203	18.7	14.2	21.4

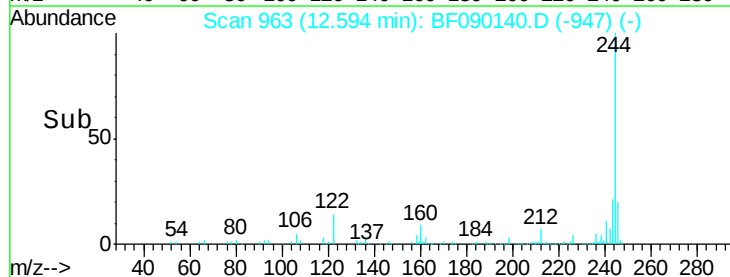
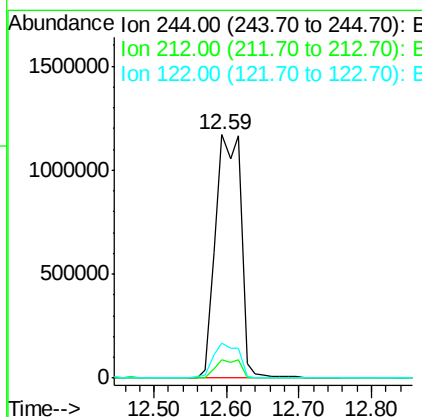
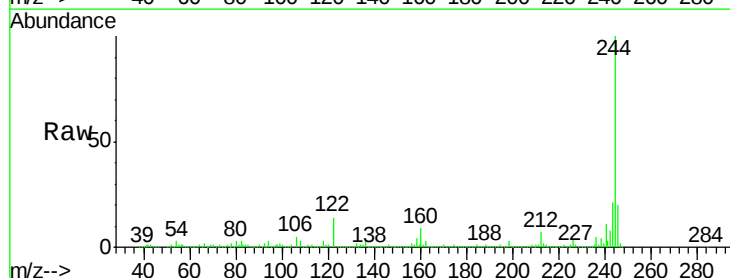
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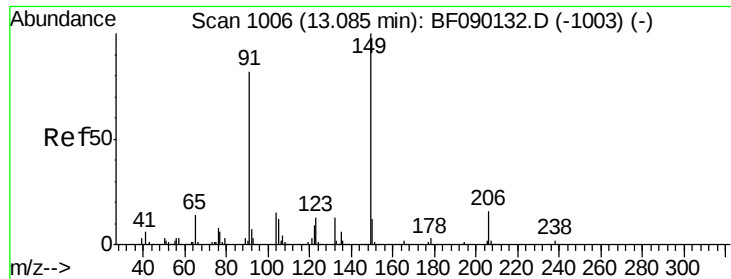
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#78
 Terphenyl-d14
 Concen: 212.24 ng
 RT: 12.59 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	14.3	9.4	14.0#





#79

Butylbenzylphthalate

Concen: 62.60 ng

RT: 13.09 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

Tgt Ion:149 Resp: 721298
Ion Ratio Lower Upper

149 100

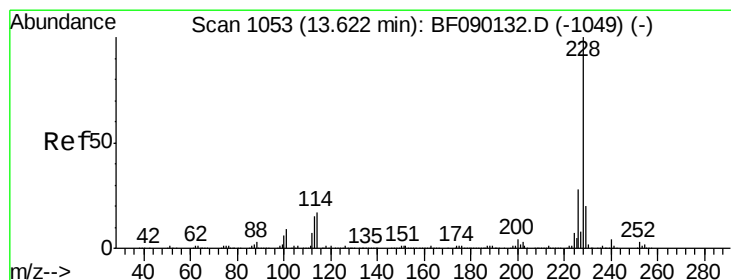
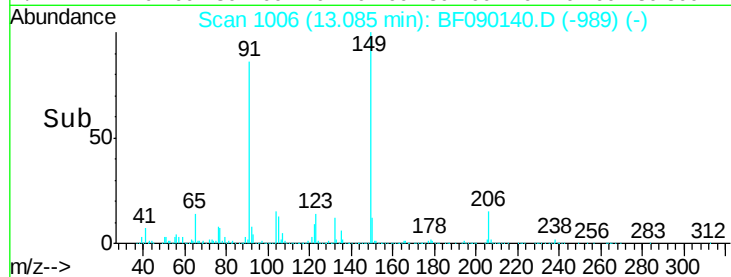
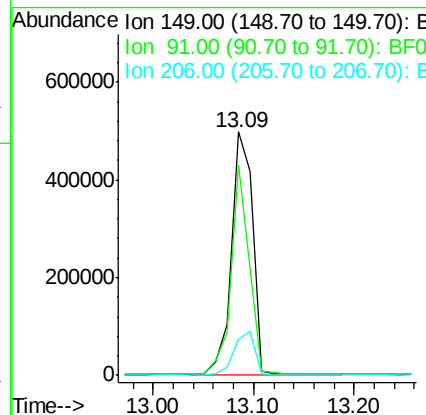
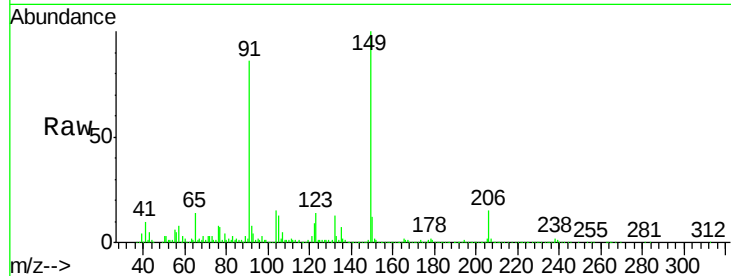
91 86.5 49.8 74.6#

206 14.7 16.3 24.5#

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#80

Benzo(a)anthracene

Concen: 52.99 ng

RT: 13.63 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF090140.D

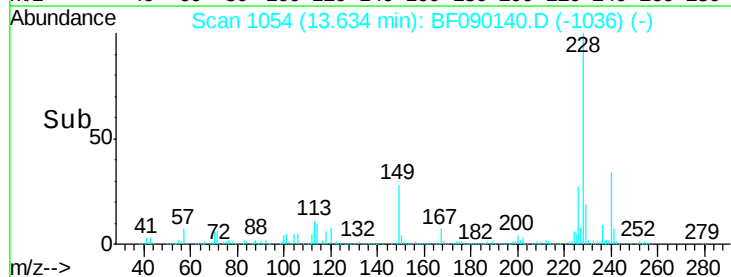
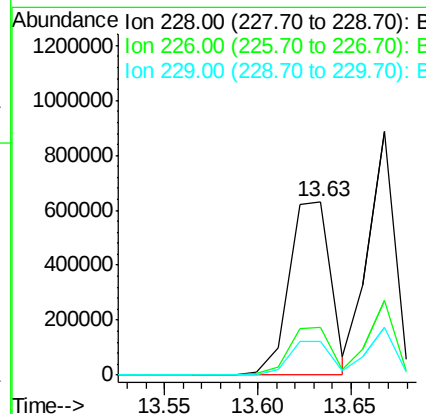
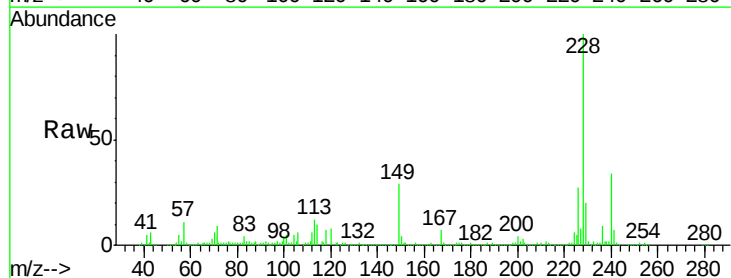
Acq: 20 Sep 2016 18:07

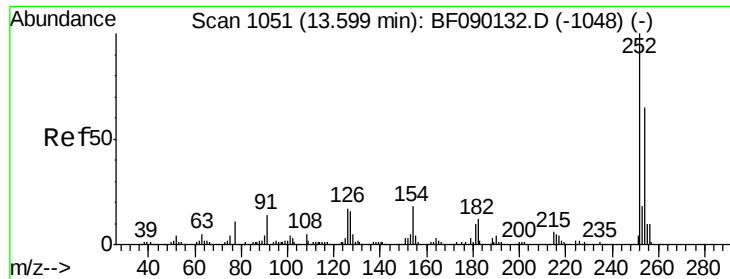
Tgt Ion:228 Resp: 981385
Ion Ratio Lower Upper

228 100

226 27.3 22.0 33.0

229 19.5 16.2 24.2





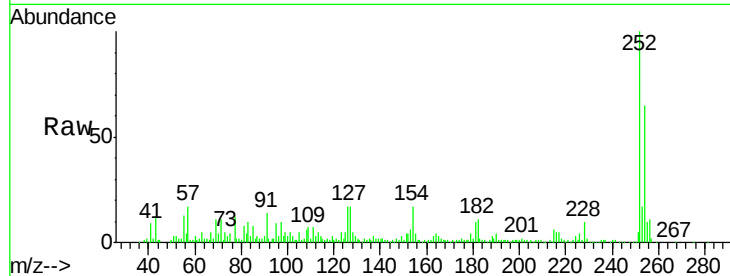
#81
 3,3'-Dichlorobenzidine
 Concen: 20.84 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

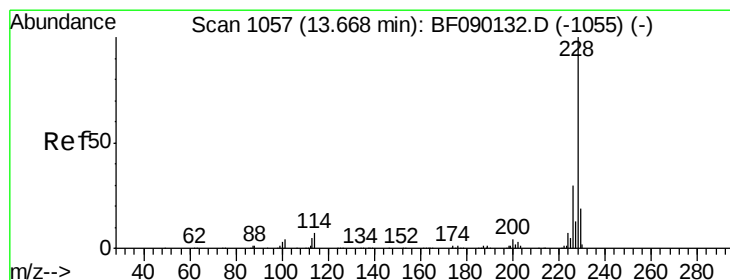
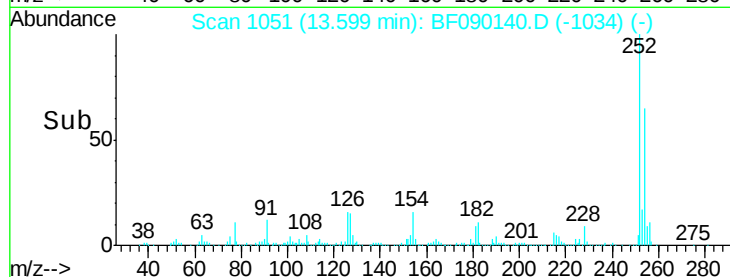
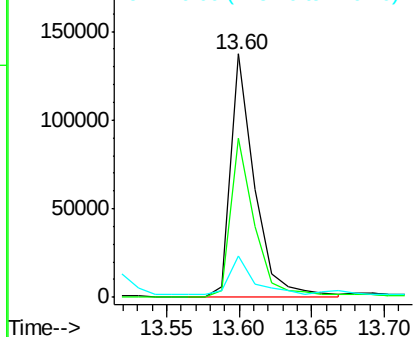
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	159173		
254	65.4	50.7	76.1	
126	17.0	9.2	13.8	

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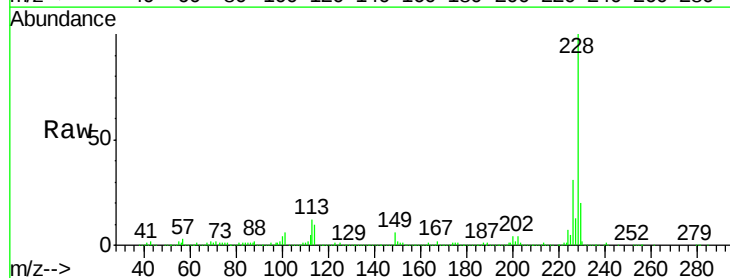


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

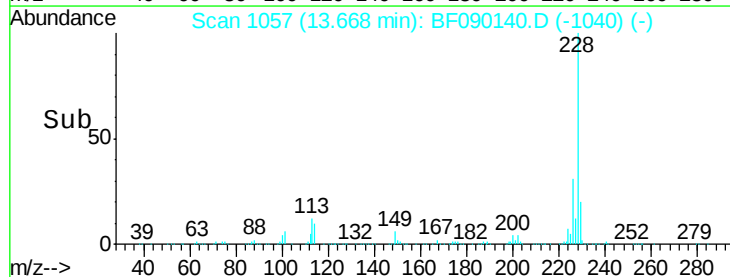
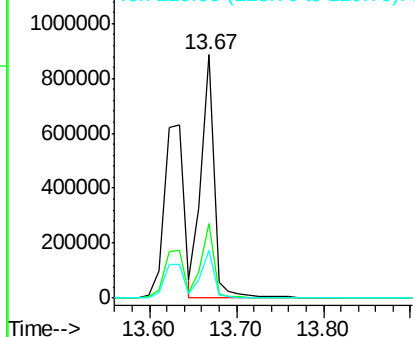


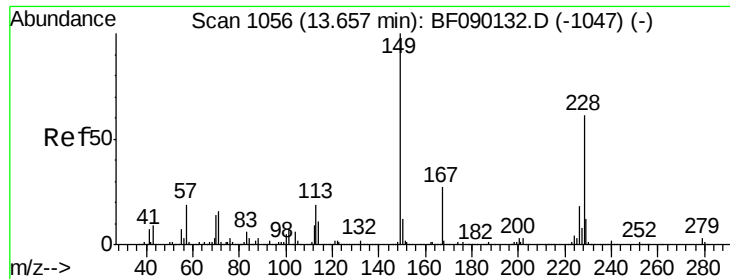
#82
 Chrysene
 Concen: 50.74 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	915359		
226	30.5	24.6	37.0	
229	19.6	16.2	24.4	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





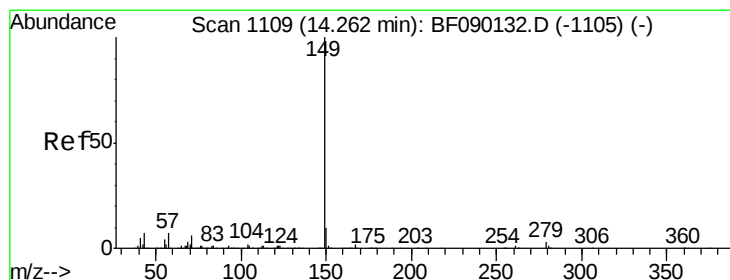
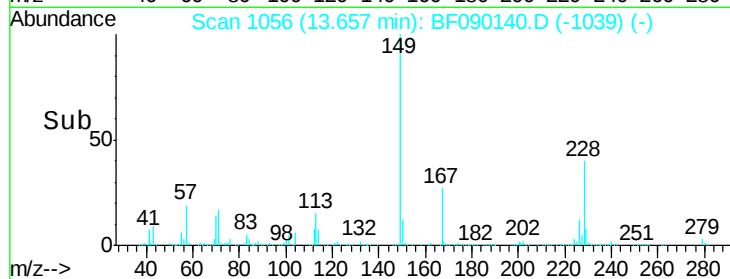
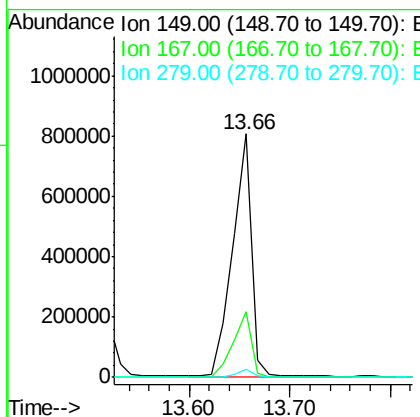
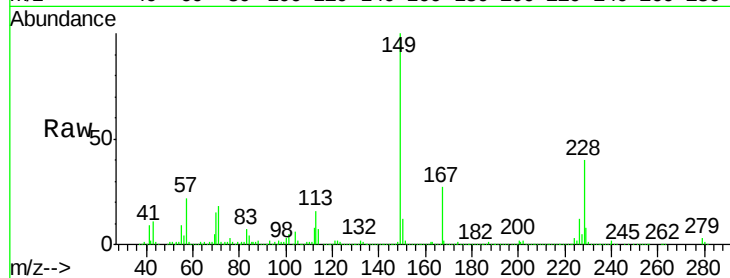
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 71.28 ng
 RT: 13.66 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampled :
 PB93481BS

Tgt Ion:149 Resp: 1050954
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.2 31.8
 279 3.2 2.2 3.2

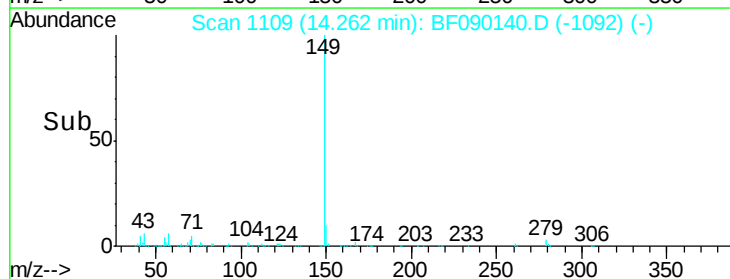
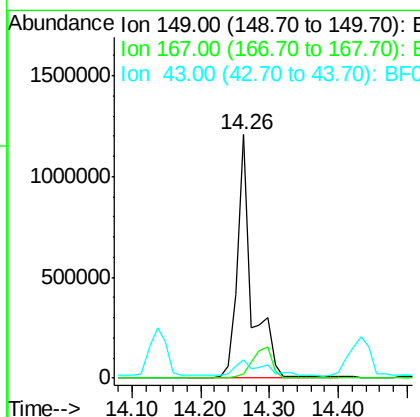
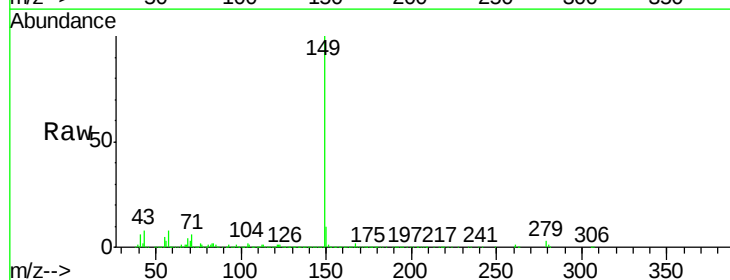
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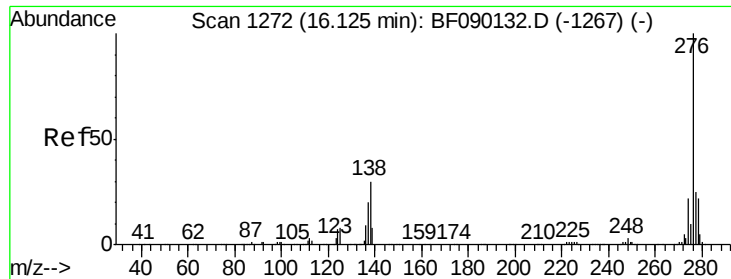
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#84
 Di-n-octyl phthalate
 Concen: 69.92 ng
 RT: 14.26 min Scan# 1109
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion:149 Resp: 1775992
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 12.0 6.8 10.2#





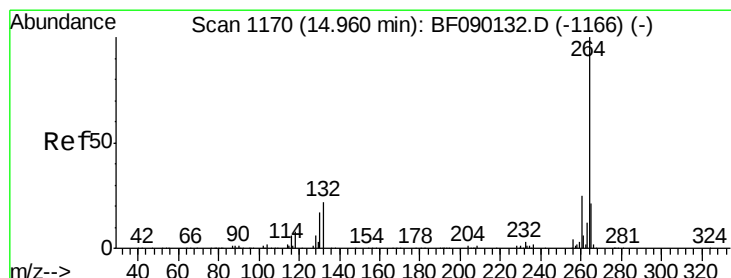
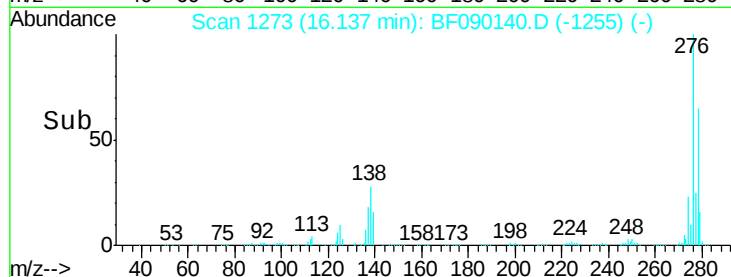
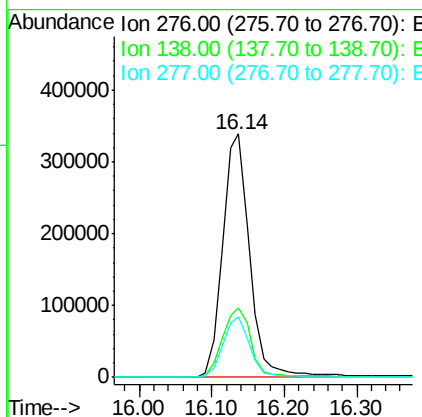
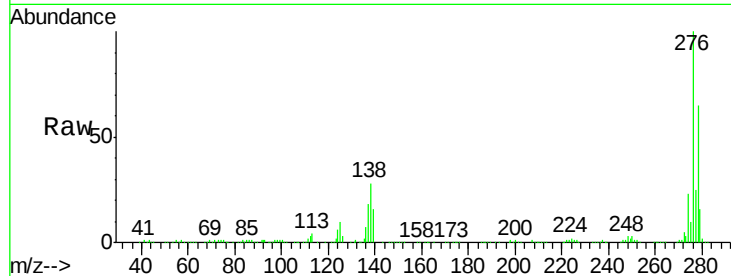
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.85 ng
 RT: 16.14 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	872966		
138	30.6		25.9	38.9
277	24.9		19.9	29.9

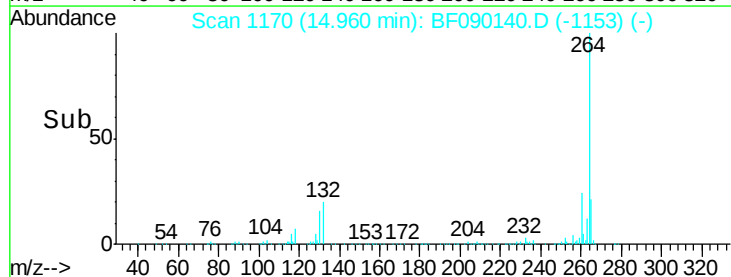
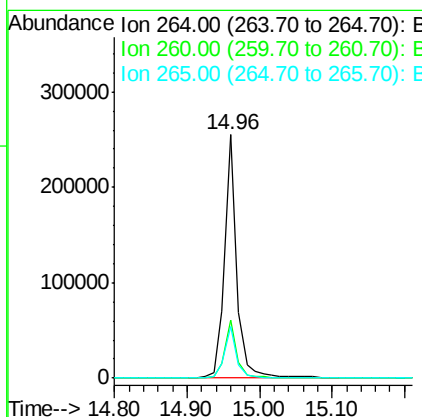
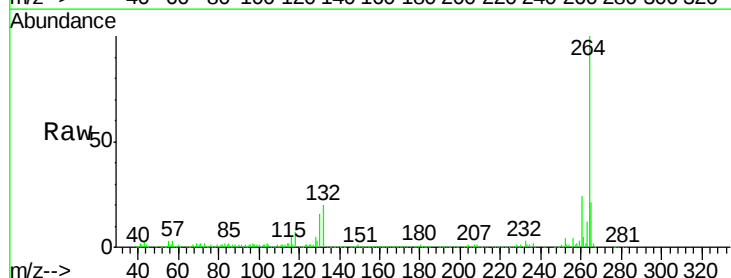
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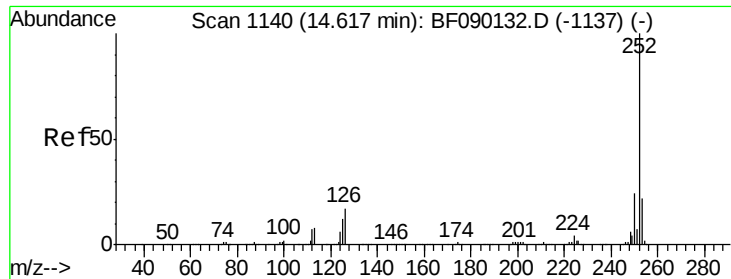
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	301753		
260	23.7		19.5	29.3
265	21.2		17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 46.56 ng m

RT: 14.62 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF090140.D

Acq: 20 Sep 2016 18:07

Instrument :

BNA_F

ClientSampleId :

PB93481BS

Tgt Ion:252 Resp: 777928
Ion Ratio Lower Upper

252 100

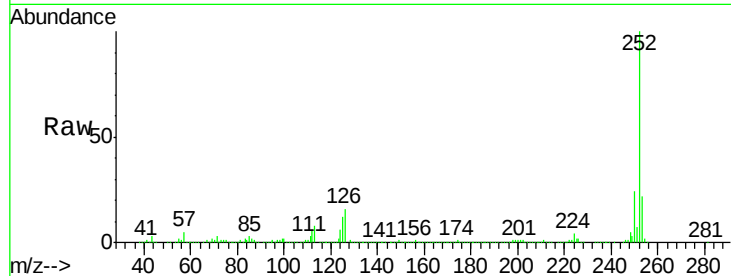
253 22.0 17.9 26.9

125 11.6 12.7 19.1#

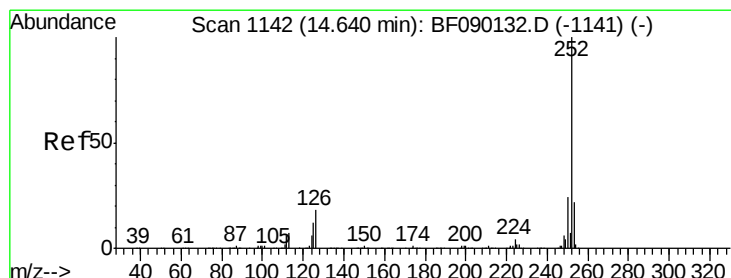
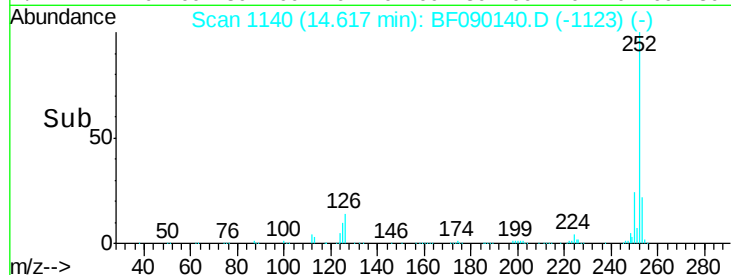
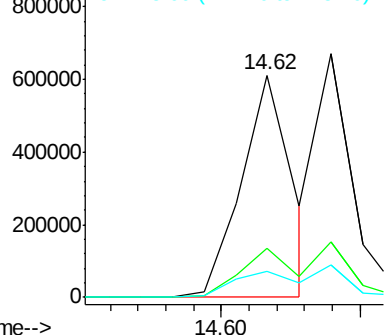
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.51 ng m

RT: 14.64 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BF090140.D

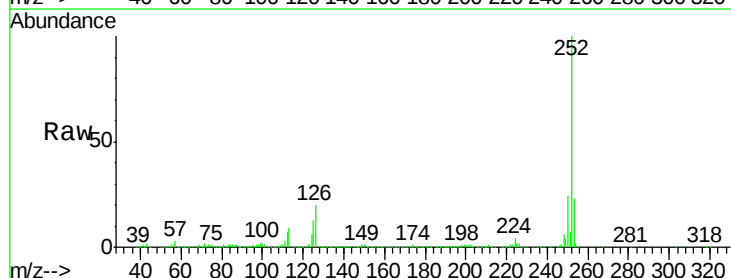
Acq: 20 Sep 2016 18:07

Tgt Ion:252 Resp: 619645
Ion Ratio Lower Upper

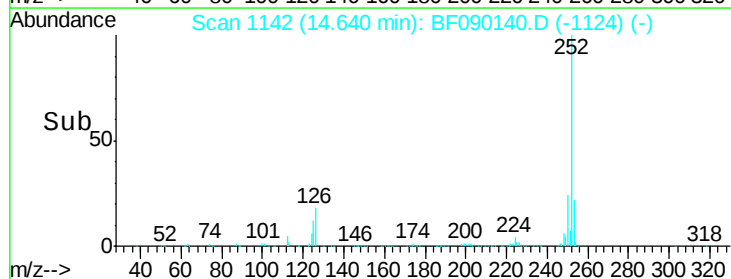
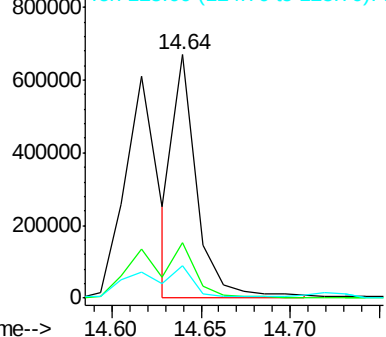
252 100

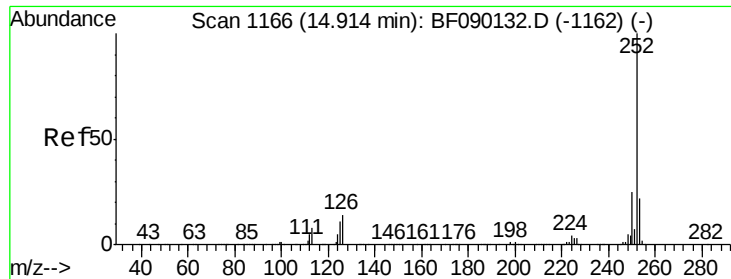
253 22.6 17.8 26.8

125 13.4 7.8 11.6#



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





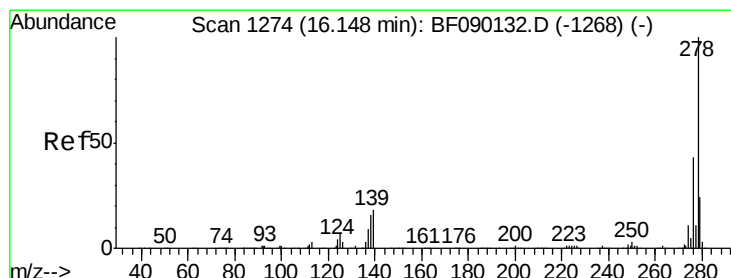
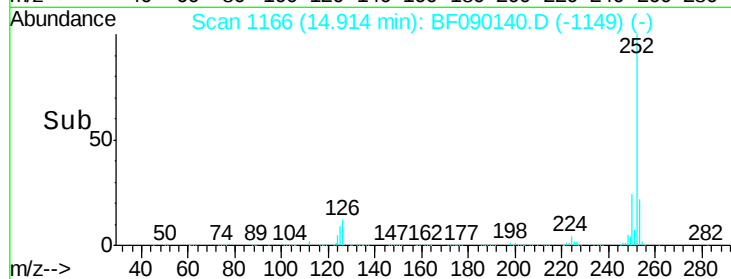
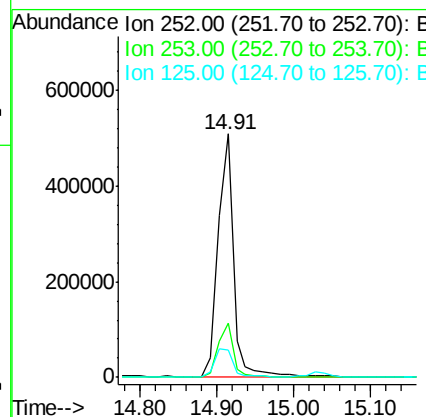
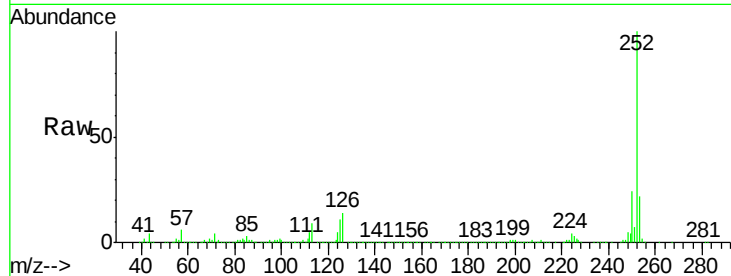
#89
Benzo(a)pyrene
Concen: 44.85 ng
RT: 14.91 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Instrument :
BNA_F
ClientSampleId :
PB93481BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	11.3	7.7	11.5

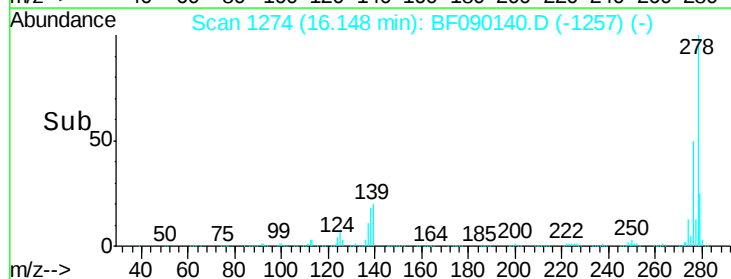
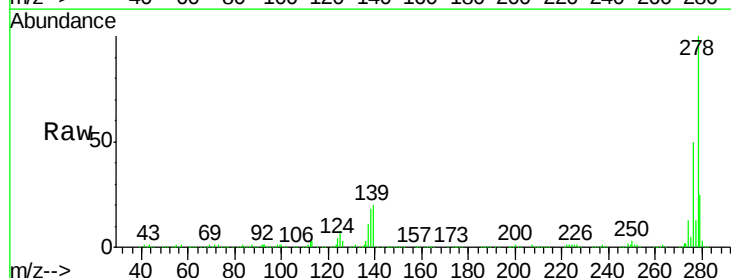
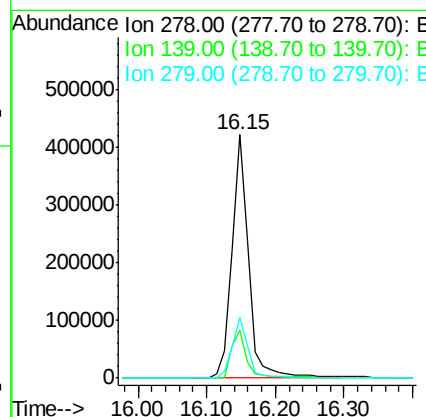
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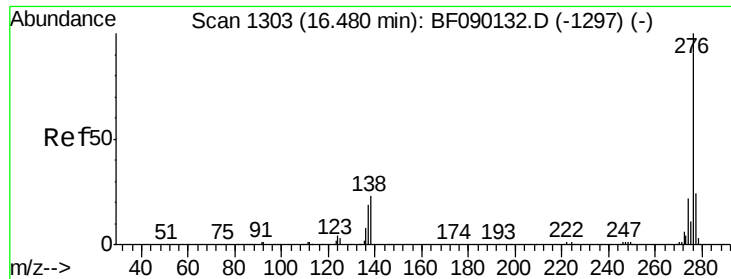
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#90
Dibenzo(a,h)anthracene
Concen: 59.42 ng
RT: 16.15 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BF090140.D
Acq: 20 Sep 2016 18:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.6	14.6	21.8
279	24.9	18.8	28.2





#91
 Benzo(g,h,i)perylene
 Concen: 64.14 ng
 RT: 16.48 min Scan# 1303
 Delta R.T. -0.00 min
 Lab File: BF090140.D
 Acq: 20 Sep 2016 18:07

Instrument :
 BNA_F
 ClientSampleId :
 PB93481BS

Tgt Ion:	276	Resp:	769972
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.9	28.3
138	27.2	23.3	34.9

Manual Integrations
 APPROVED

sohil
 9/21/2016 4:16:46 PM

