

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092716\
 Data File : BF090251.D
 Acq On : 27 Sep 2016 14:37
 Operator : UM/SJ
 Sample : PB93621BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93621BS

Manual Integrations
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 9/28/2016 1:52:20 PM

Quant Time: Sep 27 18:18:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 17:01:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	155962	20.00	ng	-0.01
21) Naphthalene-d8	7.76	136	619288	20.00	ng	-0.01
38) Acenaphthene-d10	9.51	164	362169	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	561188	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	463031	20.00	ng	-0.01
86) Perylene-d12	14.90	264	419314	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.05	112	1016636	106.25	ng	0.02
7) Phenol-d6	6.14	99	1219824	103.23	ng	0.00
23) Nitrobenzene-d5	7.05	82	791480	74.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	343045	110.41	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1325418	71.85	ng	-0.01
78) Terphenyl-d14	12.56	244	1205960	66.12	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.96	88	128670	24.79	ng	# 96
3) Pyridine	2.55	79	299013	26.56	ng	100
4) n-Nitrosodimethylamine	2.50	42	120939	35.99	ng	94
6) Aniline	6.14	93	316820	21.51	ng	# 92
8) 2-Chlorophenol	6.26	128	367291	33.36	ng	81
9) Benzaldehyde	6.01	77	184397	35.81	ng	94
10) Phenol	6.15	94	440808	31.56	ng	# 75
11) bis(2-Chloroethyl)ether	6.23	93	380573	34.94	ng	90
12) 1,3-Dichlorobenzene	6.41	146	390391	33.94	ng	99
13) 1,4-Dichlorobenzene	6.49	146	399246	34.00	ng	99
14) 1,2-Dichlorobenzene	6.64	146	322978m	30.87	ng	
15) Benzyl Alcohol	6.64	79	283909	40.29	ng	91
16) 2,2'-oxybis(1-Chloropropan	6.78	45	418427	32.14	ng	96
17) 2-Methylphenol	6.76	107	324270	37.39	ng	97
18) Hexachloroethane	6.98	117	137128	32.74	ng	95
19) n-Nitroso-di-n-propylamine	6.91	70	265569	38.26	ng	99
20) 3+4-Methylphenols	6.91	107	408775	39.26	ng	92
22) Acetophenone	6.90	105	524233	35.10	ng	98
24) Nitrobenzene	7.06	77	356034	31.98	ng	98
25) Isophorone	7.31	82	734437	32.91	ng	100
26) 2-Nitrophenol	7.38	139	187743	34.25	ng	95
27) 2,4-Dimethylphenol	7.44	122	335966	34.50	ng	96
28) bis(2-Chloroethoxy)methane	7.54	93	463366	34.32	ng	98
29) 2,4-Dichlorophenol	7.63	162	322290	37.73	ng	94
30) 1,2,4-Trichlorobenzene	7.71	180	306656	35.94	ng	96
31) Naphthalene	7.78	128	1037316	35.18	ng	100
32) Benzoic acid	7.60	122	245952	36.79	ng	94
33) 4-Chloroaniline	7.85	127	199097	16.28	ng	# 92
34) Hexachlorobutadiene	7.91	225	153053	34.01	ng	99
35) Caprolactam	8.23	113	121759m	43.07	ng	
36) 4-Chloro-3-methylphenol	8.34	107	350145	36.27	ng	100
37) 2-Methylnaphthalene	8.48	142	711301	38.79	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	244756	29.44	ng	98
40) Hexachlorocyclopentadiene	8.63	237	282935	68.97	ng	100

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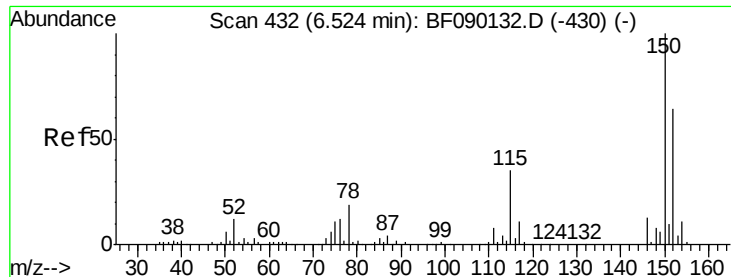
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	206221	34.81	nq	98
43) 2,4,5-Trichlorophenol	8.80	196	212746	34.68	nq #	87
45) 1,1'-Biphenyl	8.94	154	778150	30.03	nq	99
46) 2-Chloronaphthalene	8.96	162	638061	33.38	nq	99
47) 2-Nitroaniline	9.06	65	193176	33.52	nq	86
48) Acenaphthylene	9.37	152	1056803	34.04	nq	100
49) Dimethylphthalate	9.26	163	746553	32.36	nq	99
50) 2,6-Dinitrotoluene	9.31	165	191833	37.31	nq #	75
51) Acenaphthene	9.54	154	638456	34.65	nq	99
52) 3-Nitroaniline	9.47	138	121868	20.22	nq	100
53) 2,4-Dinitrophenol	9.59	184	206591	72.16	nq	99
54) Dibenzofuran	9.71	168	884236	36.46	nq	97
55) 4-Nitrophenol	9.66	139	272499	65.99	nq	83
56) 2,4-Dinitrotoluene	9.71	165	222803	36.65	nq	93
57) Fluorene	10.04	166	692452	37.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	182631	39.77	nq	96
59) Diethylphthalate	9.95	149	784381	35.21	nq	98
60) 4-Chlorophenyl-phenylether	10.06	204	293359	35.20	nq #	79
61) 4-Nitroaniline	10.09	138	209728	34.14	nq	99
62) Azobenzene	10.20	77	841857	36.30	nq	98
64) 4,6-Dinitro-2-methylphenol	10.12	198	122707	34.91	nq	79
65) n-Nitrosodiphenylamine	10.17	169	631320	34.21	nq	99
66) 4-Bromophenyl-phenylether	10.54	248	200473	36.30	nq	93
67) Hexachlorobenzene	10.59	284	216052	33.57	nq	96
68) Atrazine	10.71	200	175017	34.61	nq	96
69) Pentachlorophenol	10.80	266	258412	70.74	nq	99
70) Phenanthrene	11.00	178	1018094	38.79	nq	99
71) Anthracene	11.05	178	1024181	37.21	nq	100
72) Carbazole	11.21	167	986623	33.90	nq	98
73) Di-n-butylphthalate	11.56	149	1308843	38.68	nq	98
74) Fluoranthene	12.17	202	951971	33.79	nq	100
76) Benzidine	12.31	184	397732	25.66	nq	97
77) Pyrene	12.40	202	1115223	35.20	nq	100
79) Butylbenzylphthalate	13.04	149	519948	33.55	nq #	84
80) Benzo(a)anthracene	13.58	228	914121	36.69	nq	99
81) 3,3'-Dichlorobenzidine	13.55	252	248886	24.23	nq	99
82) Chrysene	13.61	228	737433	30.39	nq	99
83) Bis(2-ethylhexyl)phthalate	13.61	149	693903	34.99	nq #	98
84) Di-n-octyl phthalate	14.22	149	1311339	38.38	nq	98
85) Indeno(1,2,3-cd)pyrene	16.06	276	778729	39.69	nq	97
87) Benzo(b)fluoranthene	14.57	252	941568m	40.55	nq	
88) Benzo(k)fluoranthene	14.59	252	671211m	30.80	nq	
89) Benzo(a)pyrene	14.86	252	764826	35.02	nq #	95
90) Dibenzo(a,h)anthracene	16.07	278	645890	37.90	nq	99
91) Benzo(g,h,i)perylene	16.39	276	627463	37.61	nq	98

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



#1

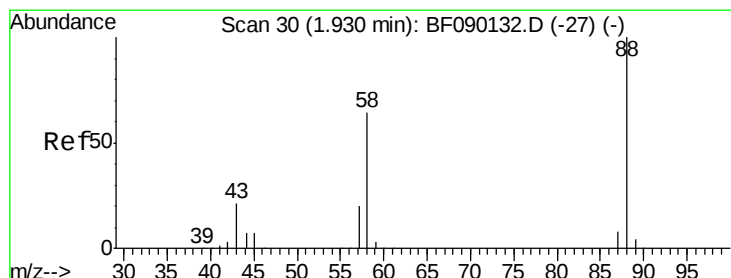
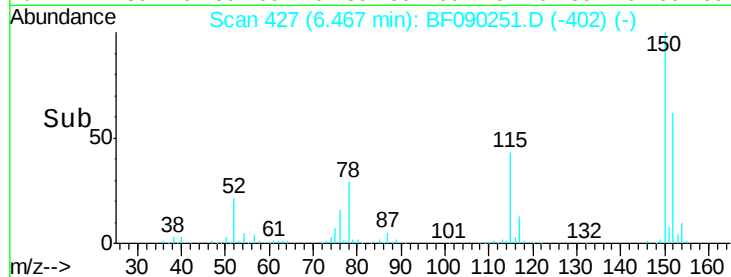
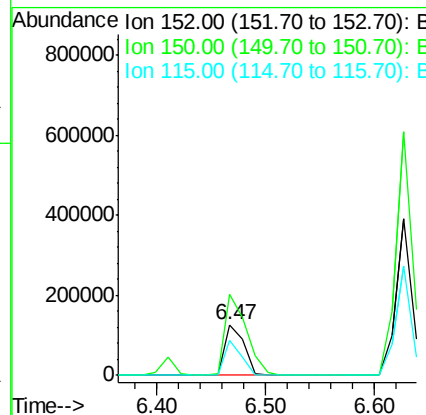
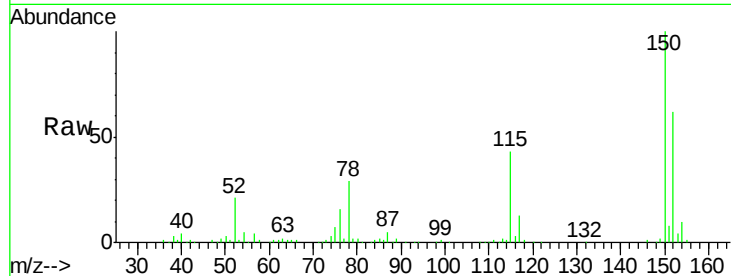
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampleId :
PB93621BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	128.9	193.3
115	69.0	55.5	83.3

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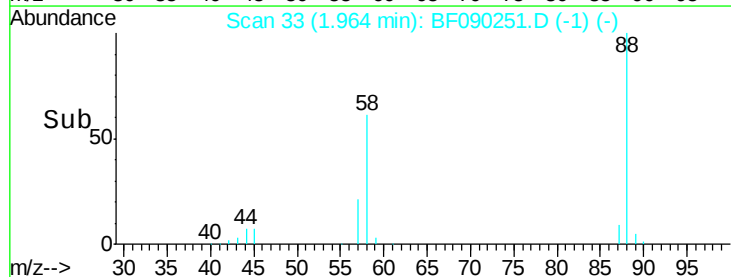
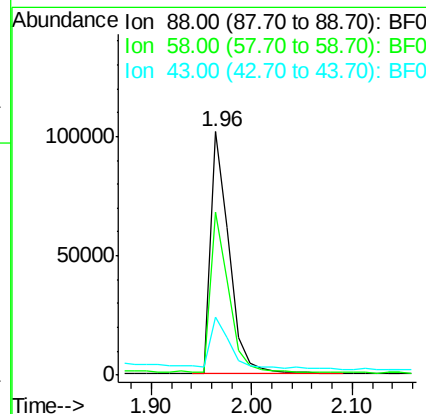
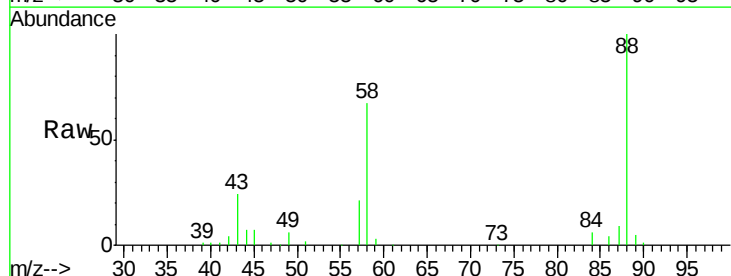
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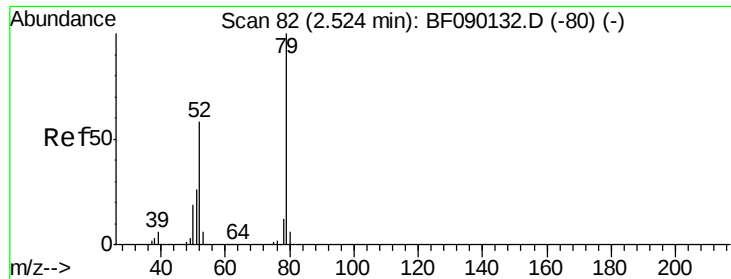


#2

1,4-Dioxane
Concen: 24.79 ng
RT: 1.96 min Scan# 33
Delta R.T. 0.13 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.0	53.4	80.0
43	25.6	16.5	24.7





#3

Pvridine

Concen: 26.56 ng

RT: 2.55 min Scan# 84

Delta R.T. 0.13 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

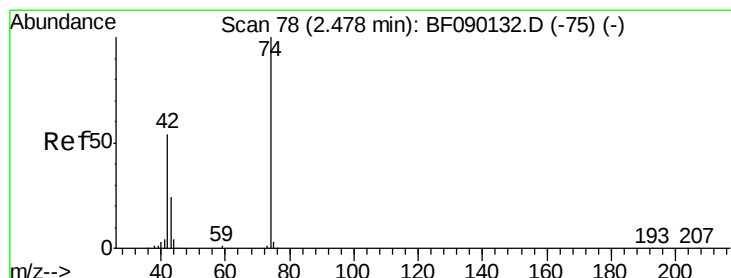
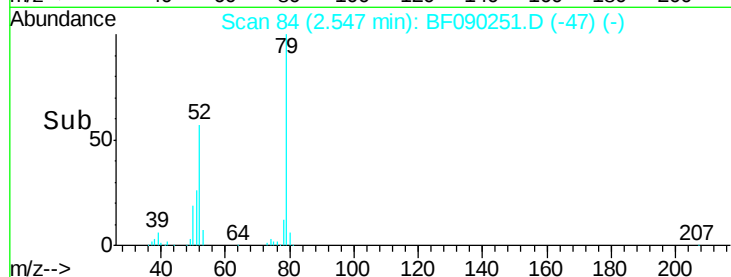
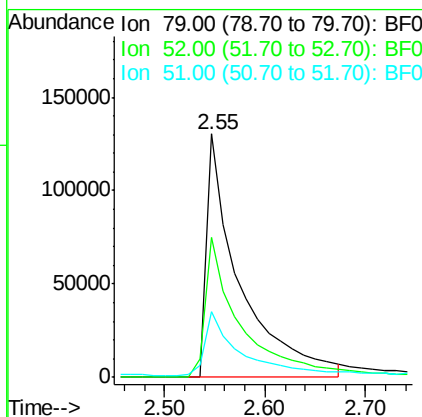
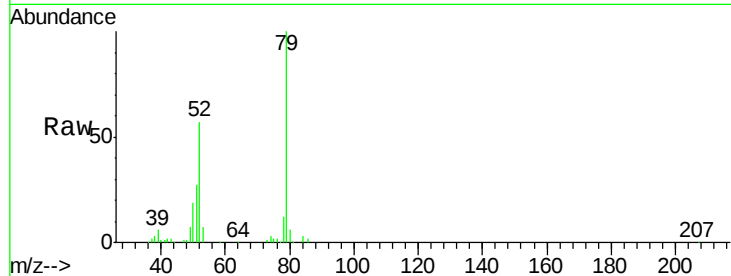
ClientSampleId :

PB93621BS

Tot Ion:	79	Resp:	299013
Ion	Ratio	Lower	Upper
79	100		
52	57.5	45.9	68.9
51	26.7	21.3	31.9

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#4

n-Nitrosodimethylamine

Concen: 35.99 ng

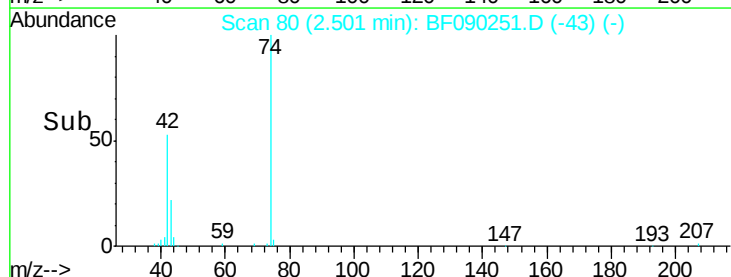
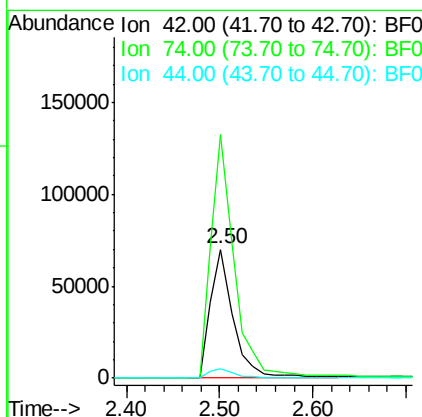
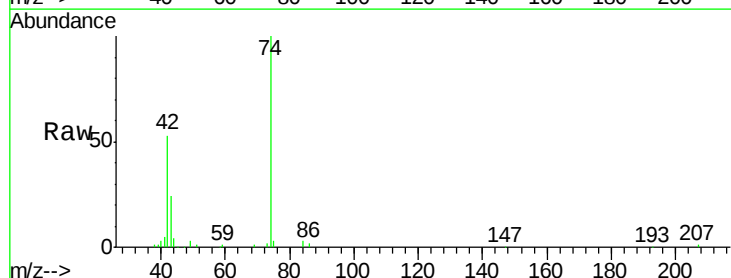
RT: 2.50 min Scan# 80

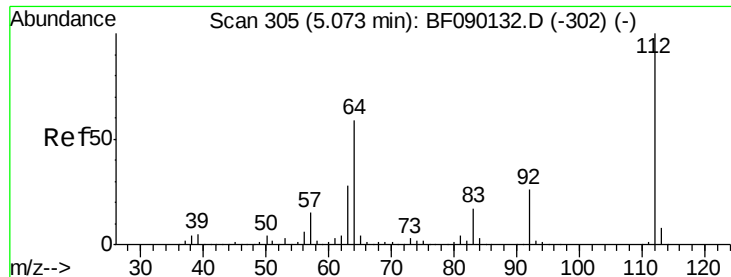
Delta R.T. 0.13 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion:	42	Resp:	120939
Ion	Ratio	Lower	Upper
42	100		
74	189.2	158.7	238.1
44	7.3	6.4	9.6





#5

2-Fluorophenol

Concen: 106.25 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

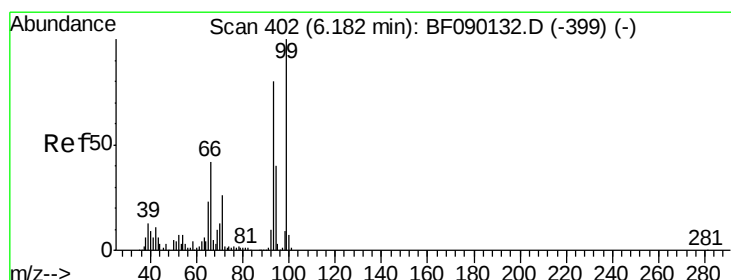
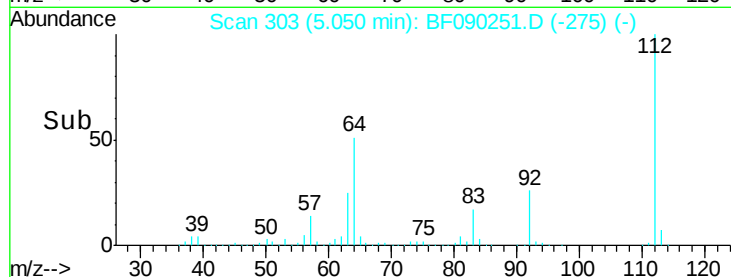
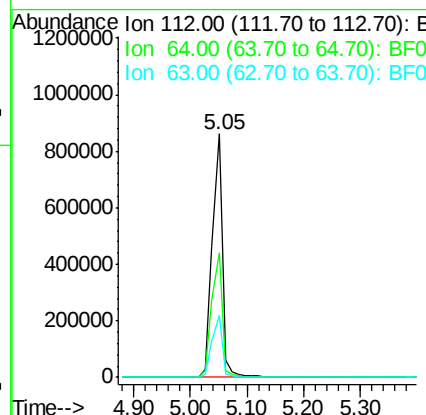
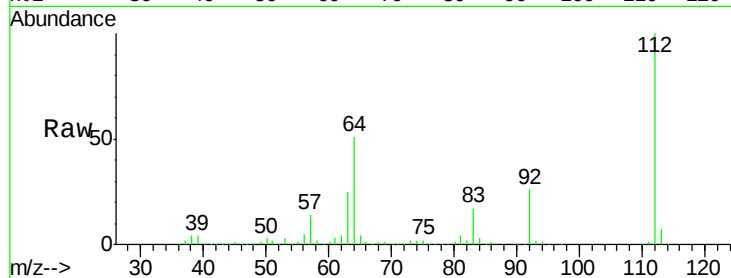
ClientSampled :

PB93621BS

Tot Ion:	112	Resp:	1016636
Ion	Ratio	Lower	Upper
112	100		
64	50.9	39.8	59.6
63	25.4	18.9	28.3

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#6

Aniline

Concen: 21.51 ng

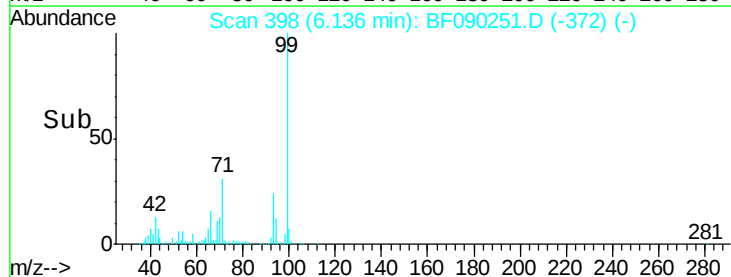
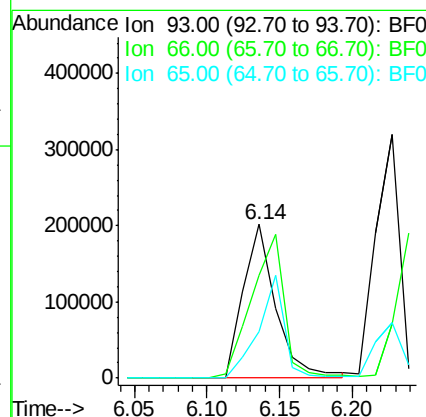
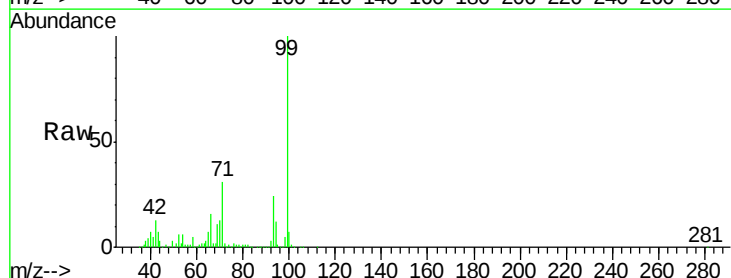
RT: 6.14 min Scan# 398

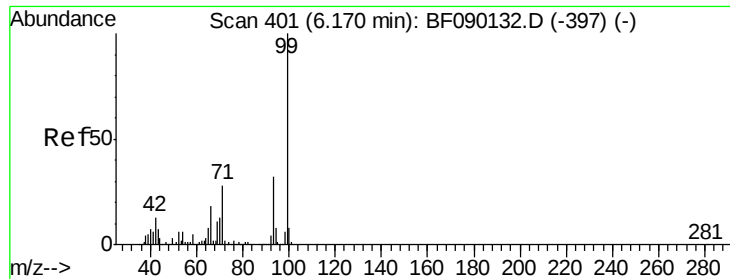
Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion:	93	Resp:	316820
Ion	Ratio	Lower	Upper
93	100		
66	66.4	54.2	81.2
65	30.6	33.8	50.6





#7

Phenol-d6

Concen: 103.23 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

ClientSampled :

PB93621BS

Tot Ion: 99 Resp: 1219824

Ion Ratio Lower Upper

99 100

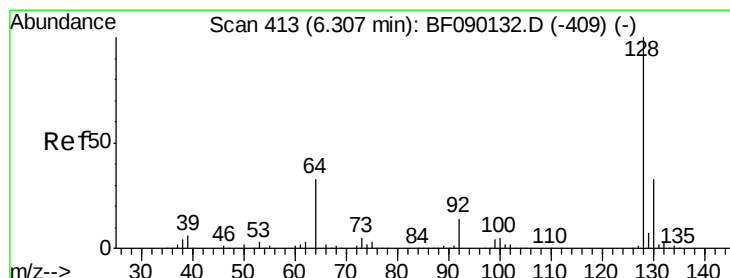
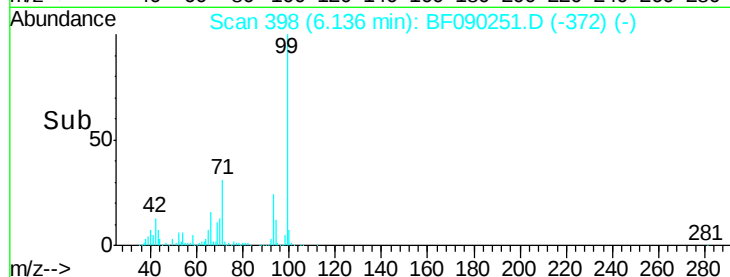
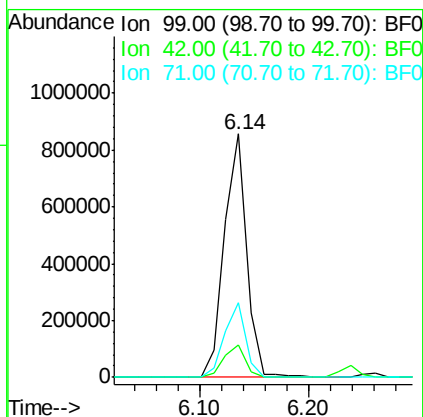
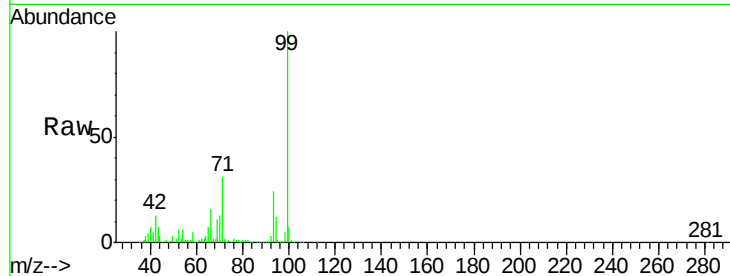
42 13.4 10.6 15.8

71 30.5 23.0 34.6

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#8

2-Chlorophenol

Concen: 33.36 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

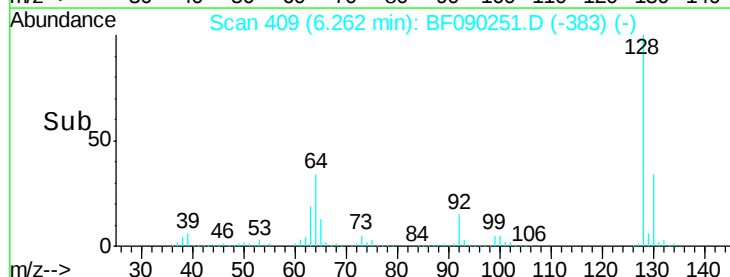
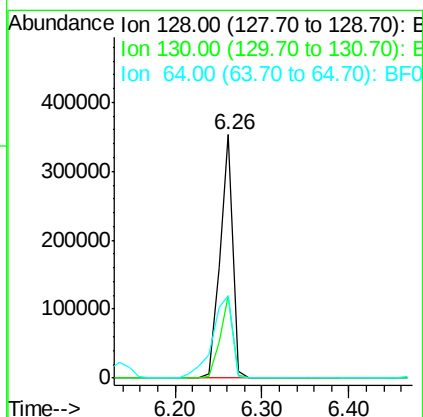
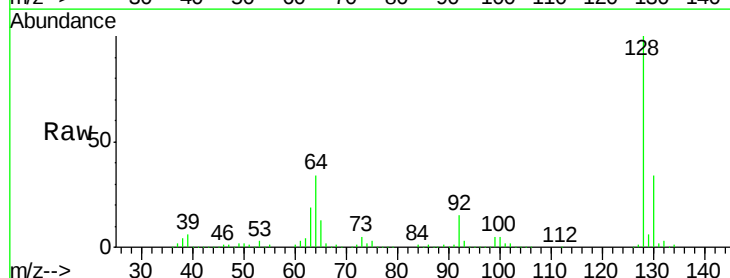
Tgt Ion: 128 Resp: 367291

Ion Ratio Lower Upper

128 100

130 34.0 12.0 52.0

64 33.8 33.6 73.6





#9

Benzaldehyde

Concen: 35.81 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

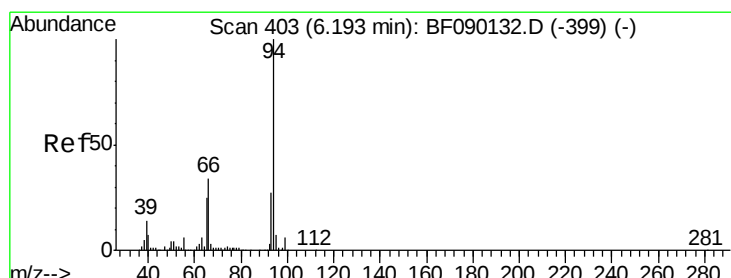
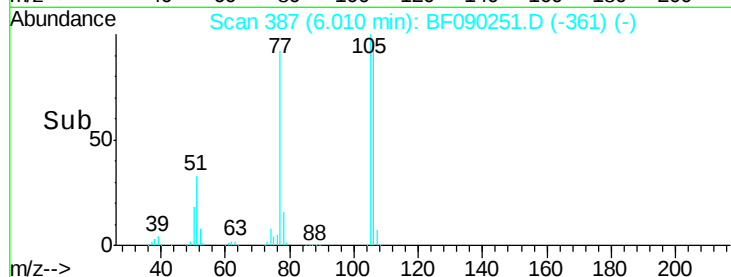
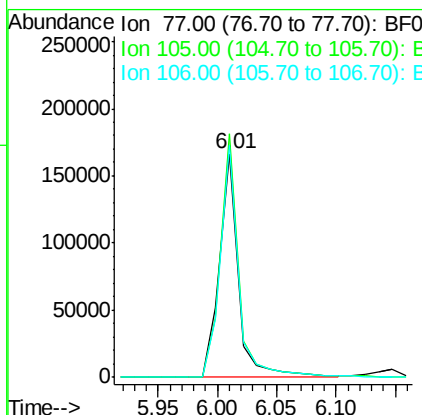
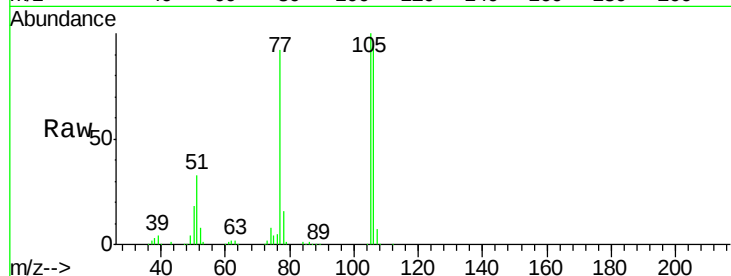
ClientSampleId :

PB93621BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	109.0	83.0	123.0		
106	103.8	78.5	118.5		

Manual Integrations
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#10

Phenol

Concen: 31.56 ng

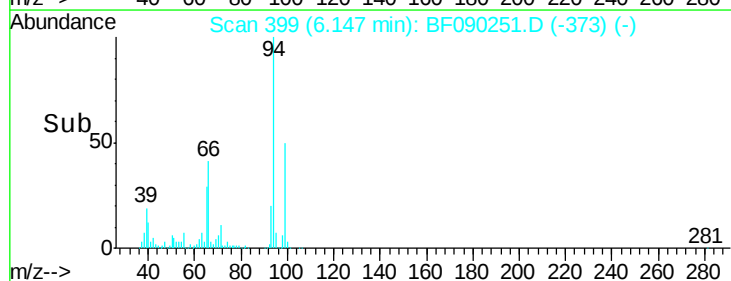
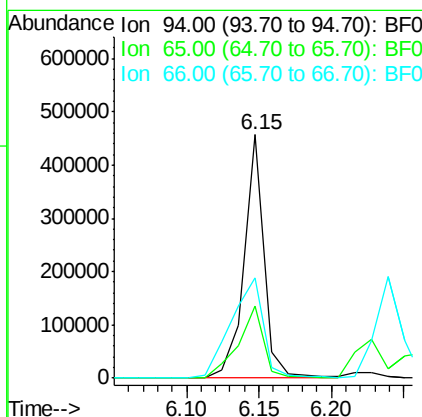
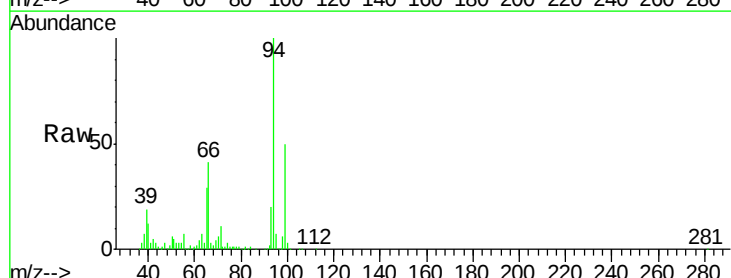
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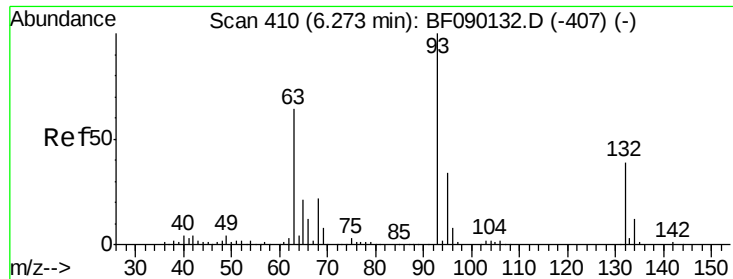
Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.5	20.6	60.6		
66	41.4	45.1	85.1		





#11

bis(2-Chloroethyl)ether

Concen: 34.94 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

ClientSampleId :

PB93621BS

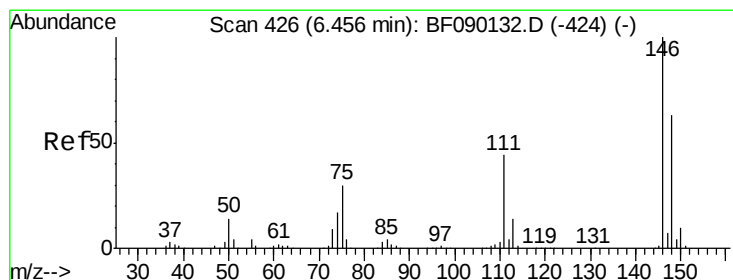
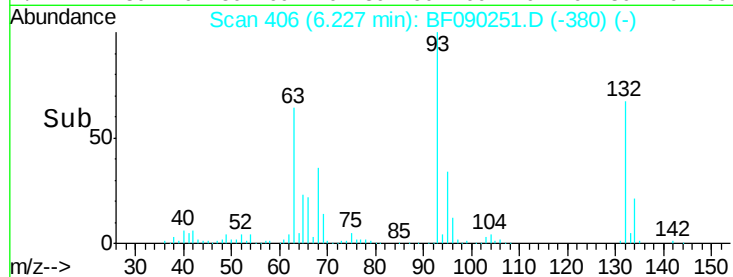
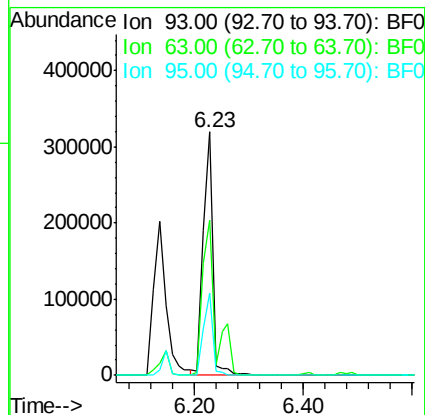
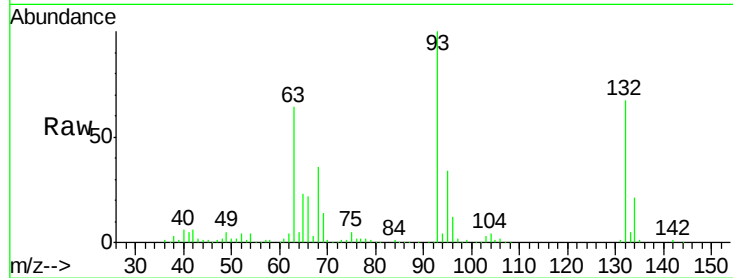
Tot Ion: 93 Resp: 380573

Ion	Ratio	Lower	Upper
93	100		
63	63.8	55.6	95.6
95	33.7	12.6	52.6

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#12

1,3-Dichlorobenzene

Concen: 33.94 ng

RT: 6.41 min Scan# 422

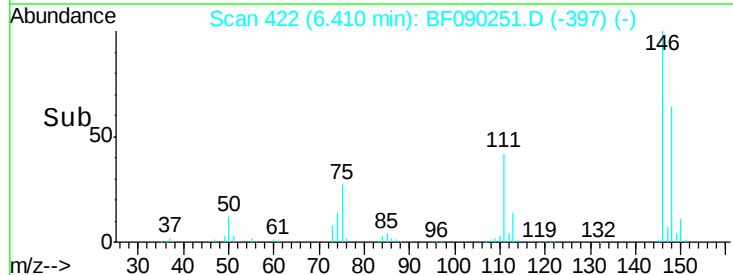
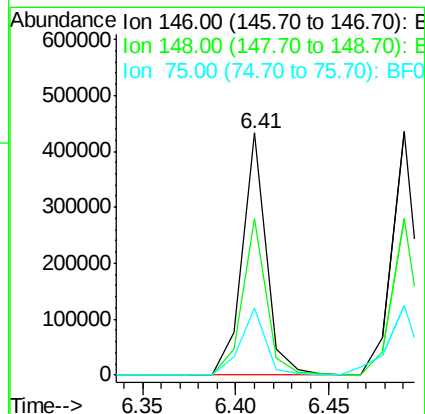
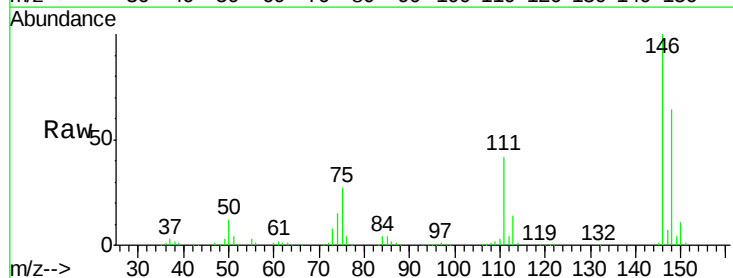
Delta R.T. -0.01 min

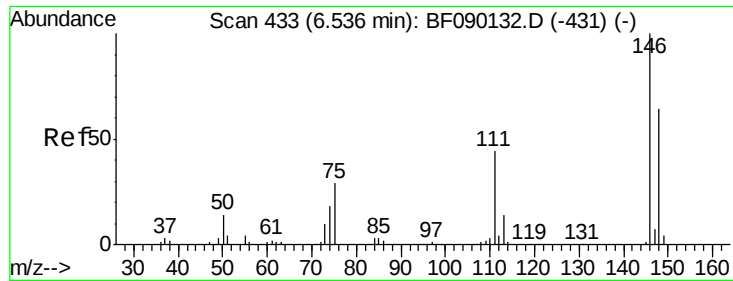
Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion: 146 Resp: 390391

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
75	27.4	22.8	34.2





#13

1,4-Dichlorobenzene

Concen: 34.00 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

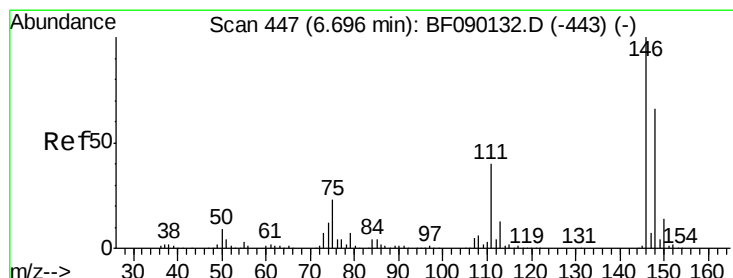
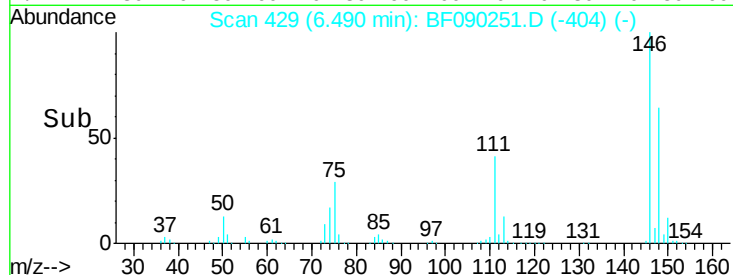
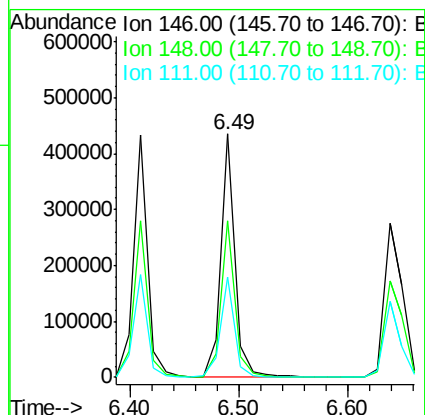
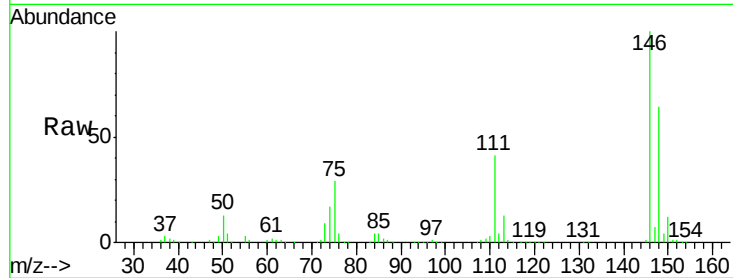
ClientSampled :

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Tot Ion:	146	Resp:	399246
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.0	78.0
111	41.3	33.8	50.6

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#14

1,2-Dichlorobenzene

Concen: 30.87 ng m

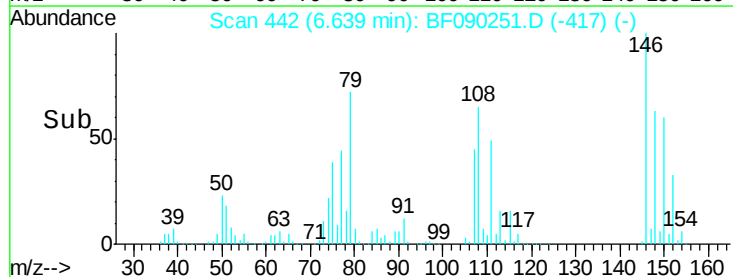
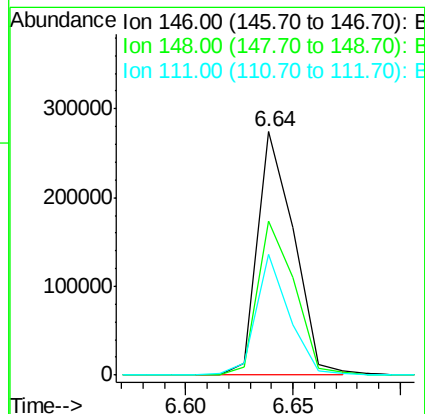
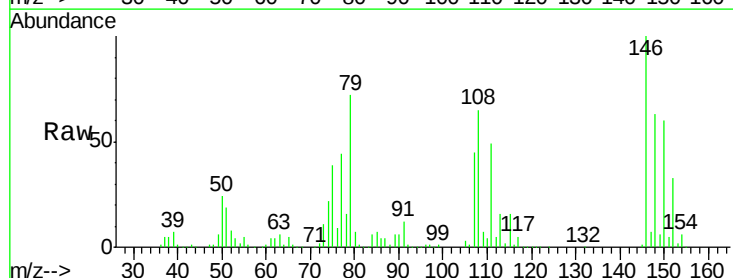
RT: 6.64 min Scan# 442

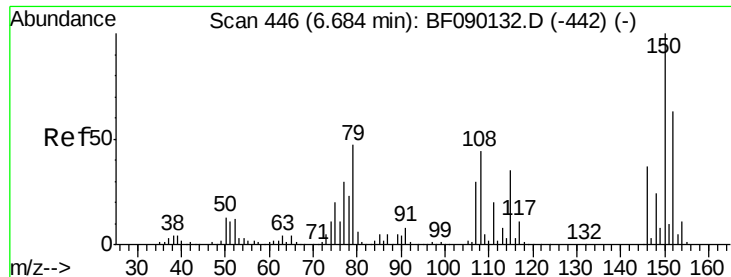
Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion:	146	Resp:	322978
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.6	79.0
111	49.5	28.2	42.2





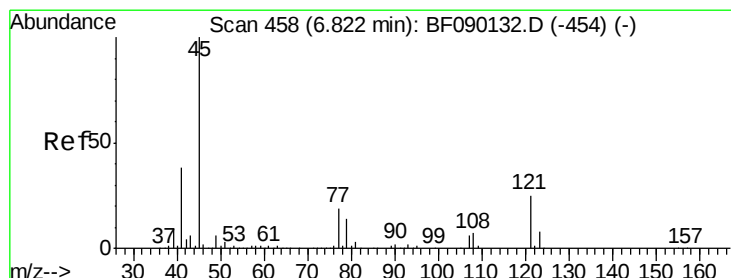
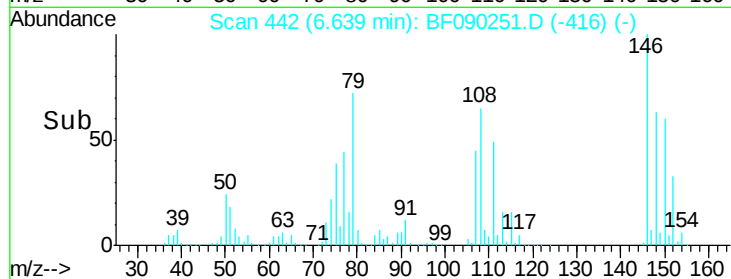
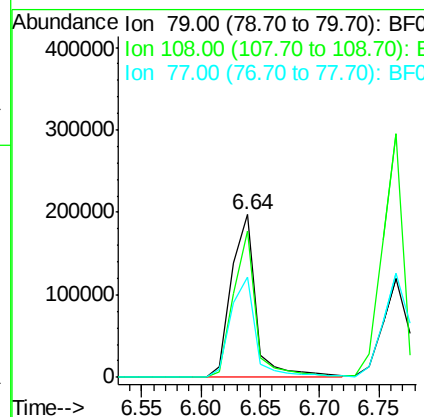
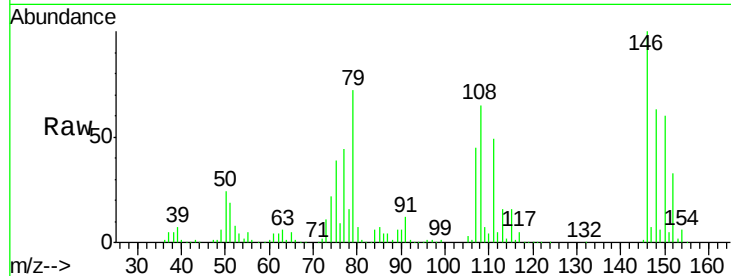
#15
Benzyl Alcohol
Concen: 40.29 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampled :
PB93621BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	283909		
108	89.9	62.2	93.4	
77	61.3	51.4	77.0	

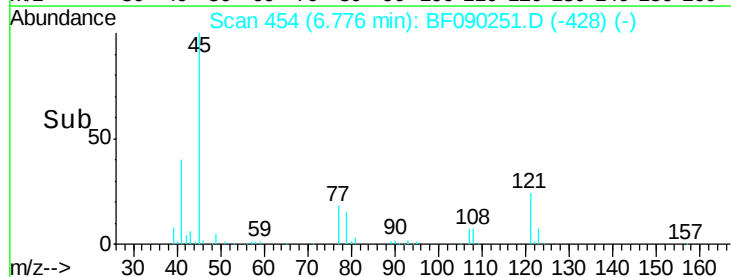
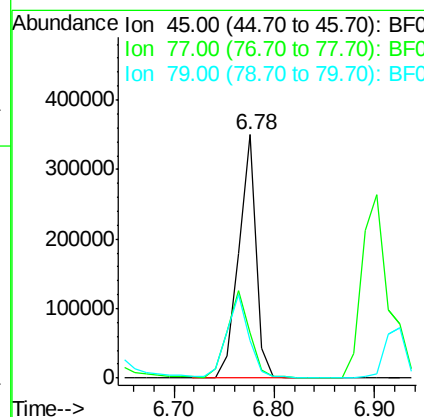
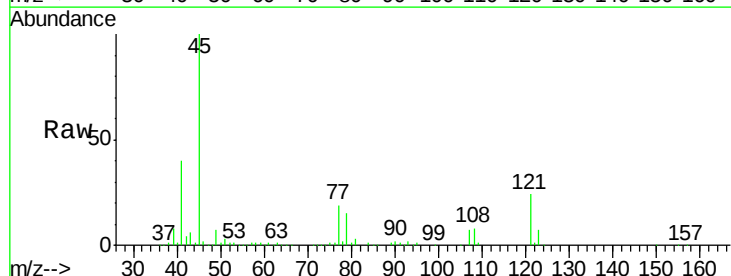
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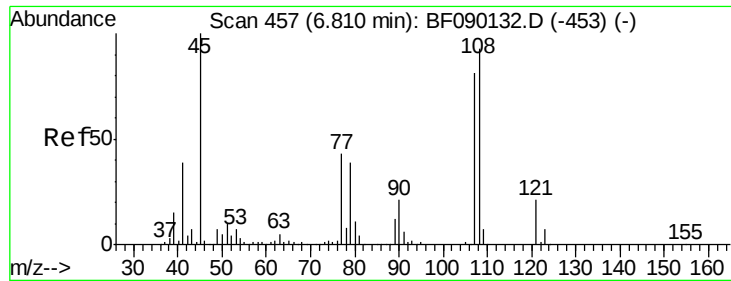
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.14 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	418427		
77	18.6	0.5	40.5	
79	15.3	0.0	37.0	





#17

2-Methylphenol

Concen: 37.39 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

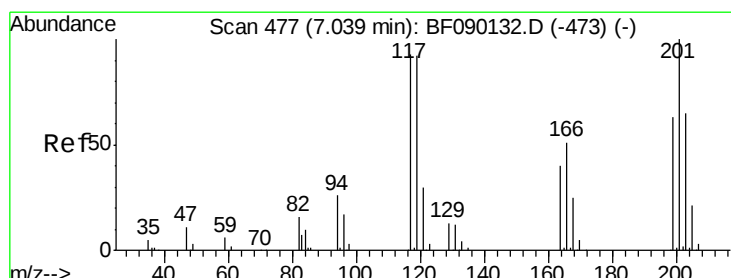
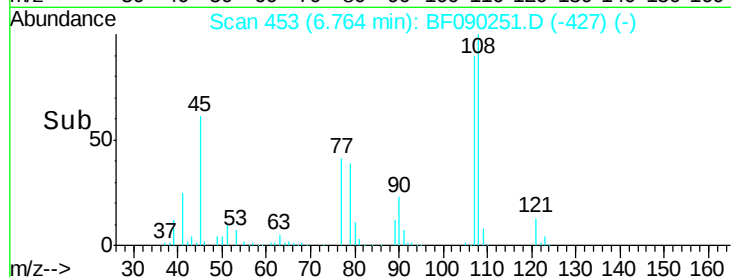
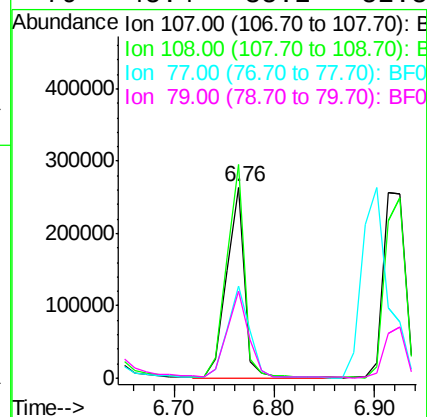
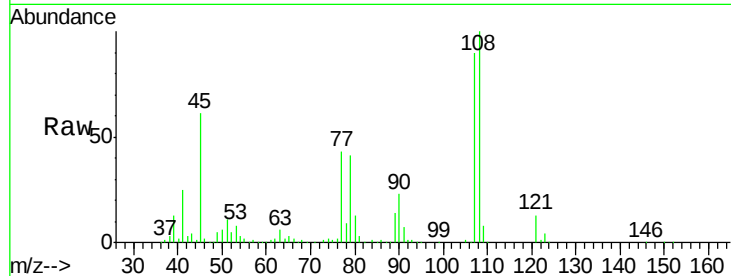
ClientSampleId :

PB93621BS

Tot Ion:	107	Resp:	324270
Ion Ratio	Lower	Upper	
107	100		
108	111.7	92.0	138.0
77	48.0	35.6	53.4
79	45.4	35.2	52.8

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#18

Hexachloroethane

Concen: 32.74 ng

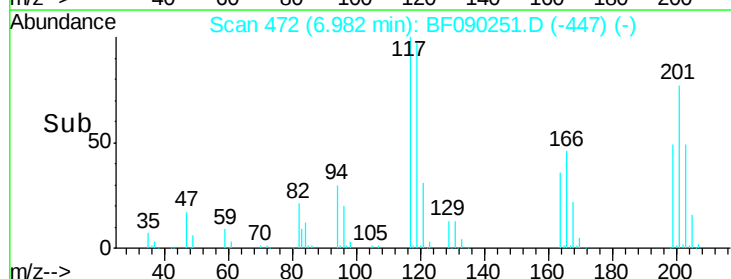
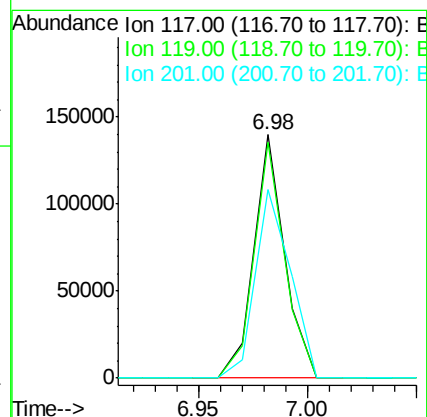
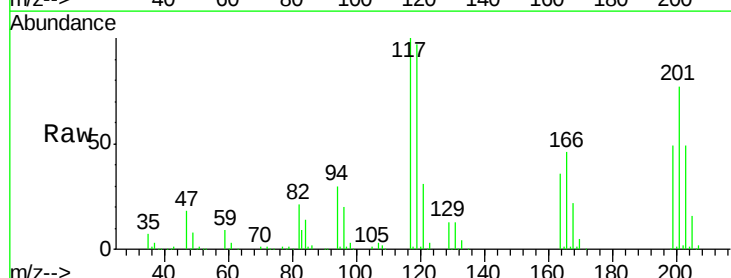
RT: 6.98 min Scan# 472

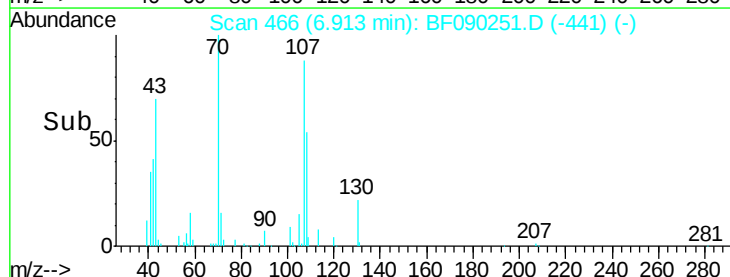
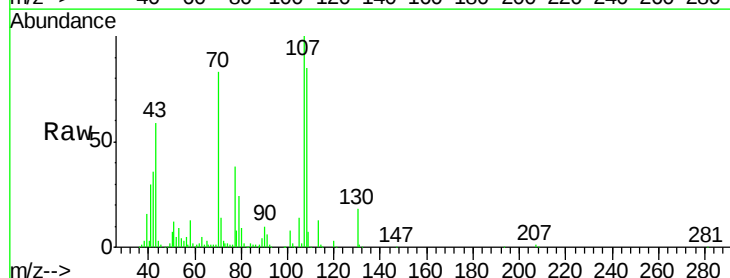
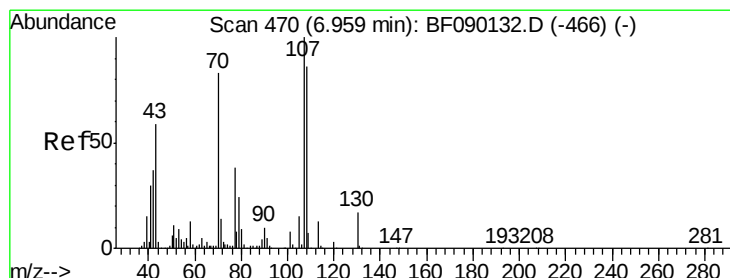
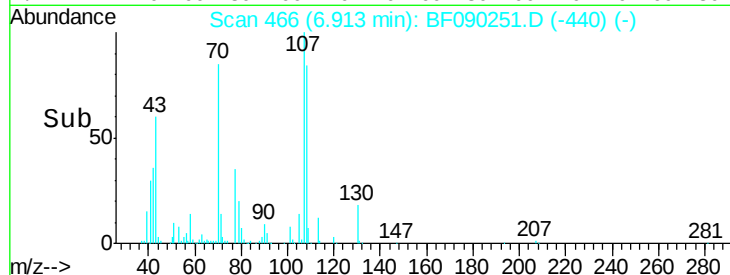
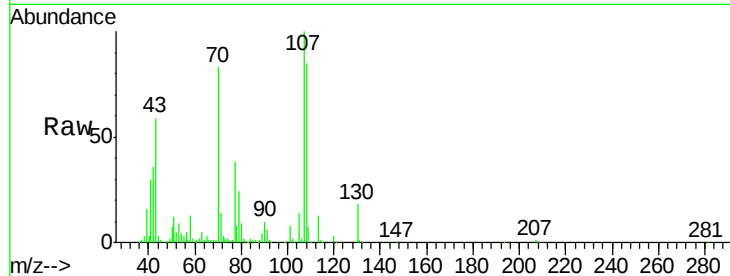
Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

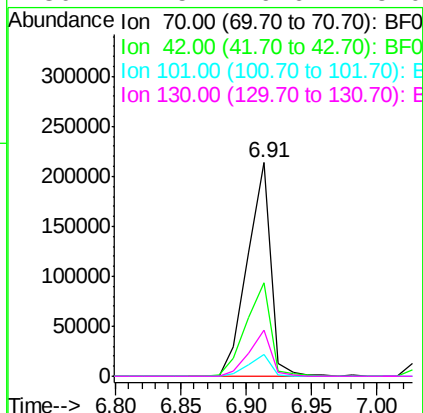
Tgt Ion:	117	Resp:	137128
Ion Ratio	Lower	Upper	
117	100		
119	96.7	76.6	115.0
201	77.4	55.5	83.3





#19
n-Nitroso-di-n-propylamine
Concen: 38.26 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.6	35.1	52.7
101	10.1	7.5	11.3
130	21.5	16.6	25.0



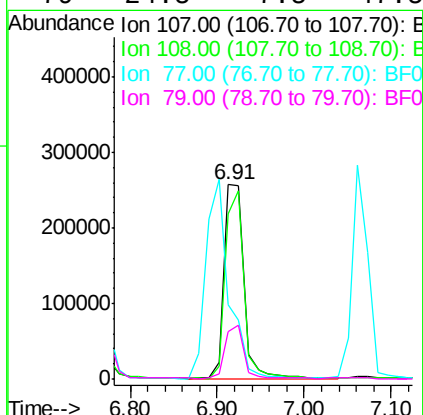
Instrument :
BNA_F
ClientSampleId :
PB93621BS

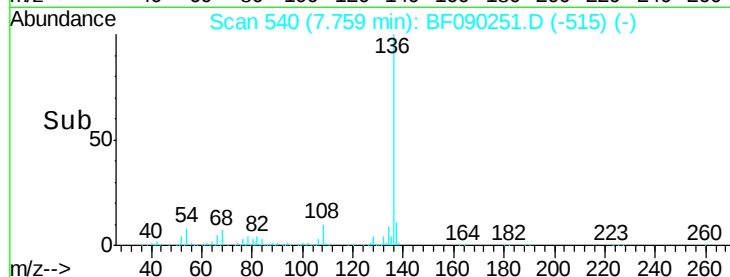
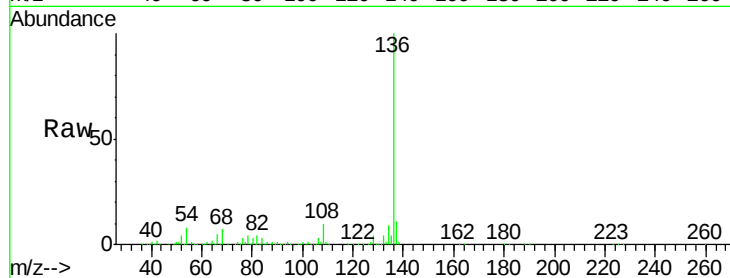
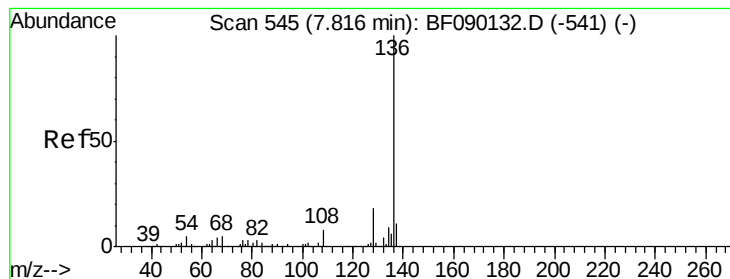
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#20
3+4-Methylphenols
Concen: 39.26 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.8	73.3	113.3
77	38.0	14.1	54.1
79	24.5	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tot Ion	Ratio	Resp	Lower	Upper
136	100	619288		
137	11.4	9.0	13.4	
54	7.7	6.4	9.6	
68	7.3	6.3	9.5	

Instrument :

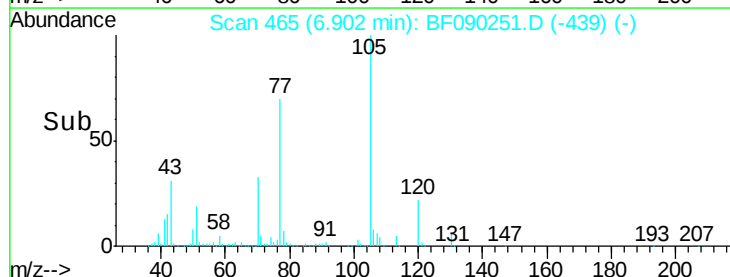
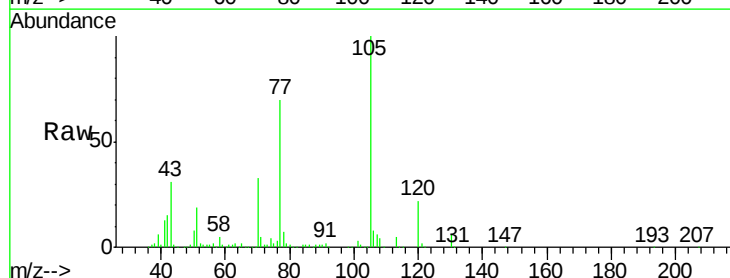
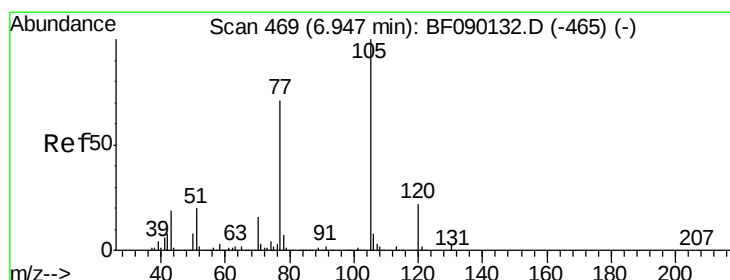
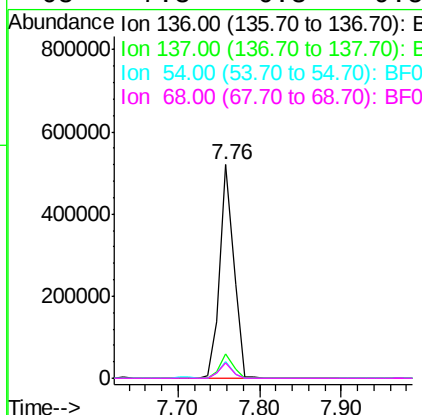
BNA_F

ClientSampleId :

PB93621BS

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#22

Acetophenone

Concen: 35.10 ng

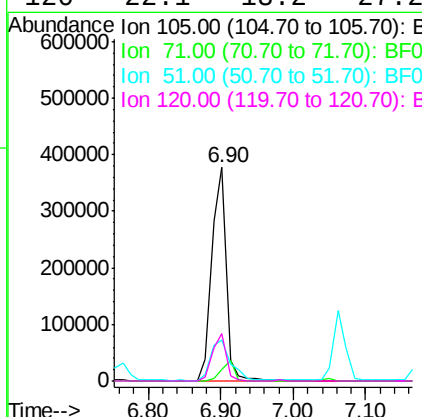
RT: 6.90 min Scan# 465

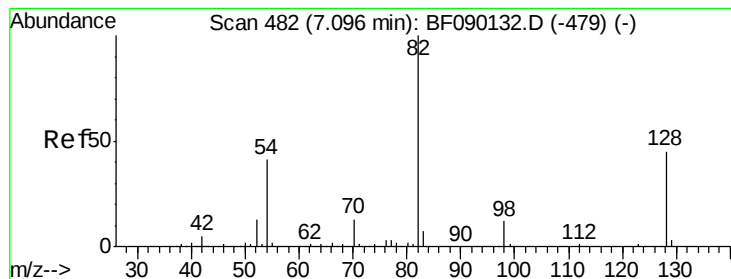
Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	524233		
71	5.4	4.1	6.1	
51	19.3	16.2	24.2	
120	22.1	18.2	27.2	





#23

Nitrobenzene-d5

Concen: 74.09 ng

RT: 7.05 min Scan# 478

Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

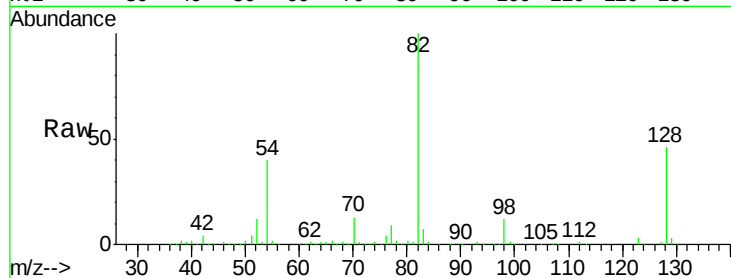
ClientSampleId :

PB93621BS

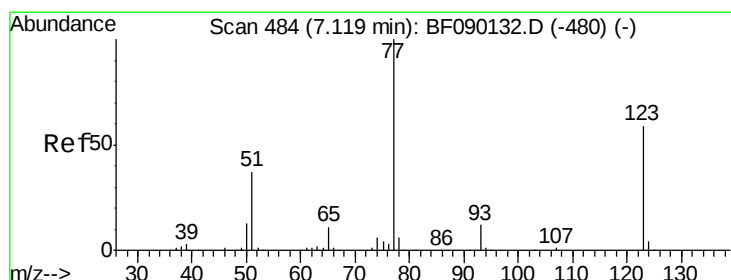
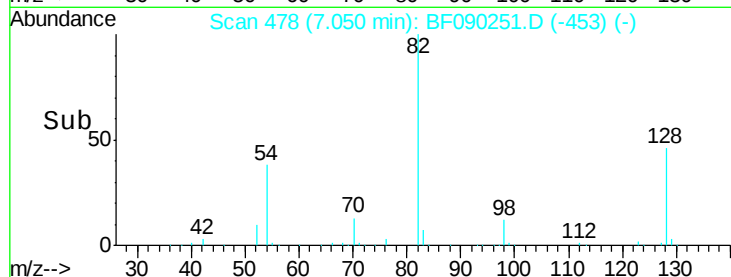
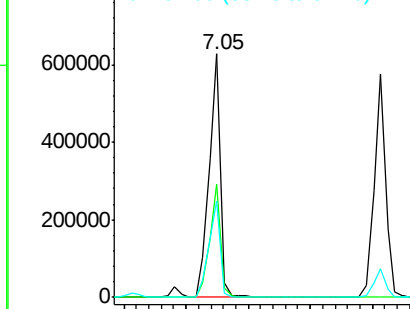
Tot Ion:	82	Resp:	791480
Ion Ratio	Lower	Upper	
82	100		
128	46.4	37.5	56.3
54	39.7	31.9	47.9

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



#24

Nitrobenzene

Concen: 31.98 ng

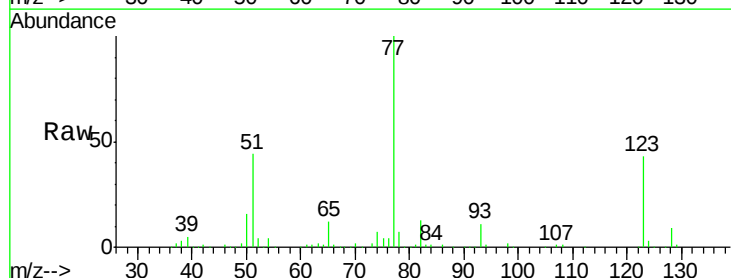
RT: 7.06 min Scan# 479

Delta R.T. -0.01 min

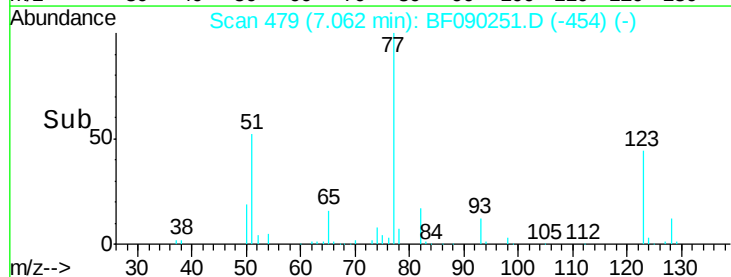
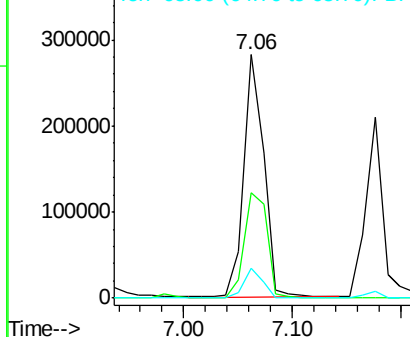
Lab File: BF090251.D

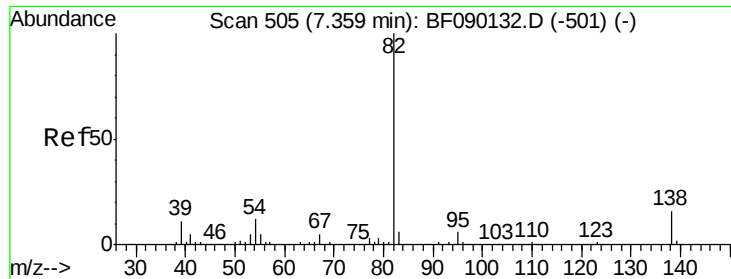
Acq: 27 Sep 2016 14:37

Tgt Ion:	77	Resp:	356034
Ion Ratio	Lower	Upper	
77	100		
123	43.4	33.4	50.2
65	12.4	10.1	15.1



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





#25

Isophorone

Concen: 32.91 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

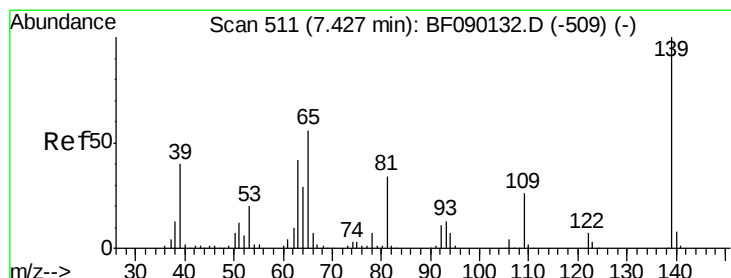
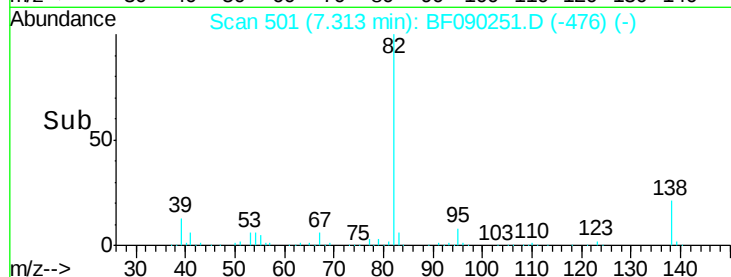
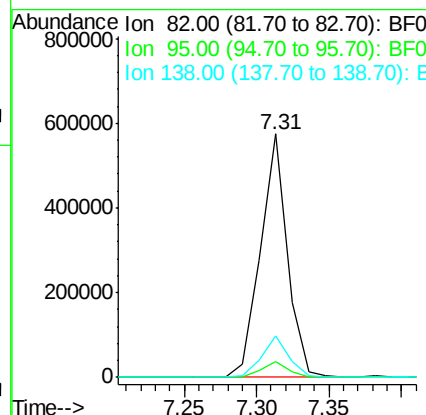
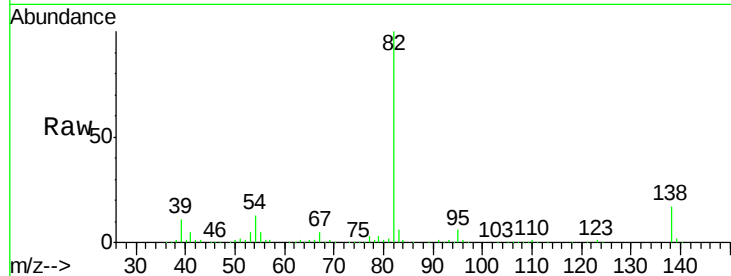
ClientSampleId :

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Tot Ion:	82	Resp:	734437
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.1	7.7
138	17.1	13.5	20.3

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#26

2-Nitrophenol

Concen: 34.25 ng

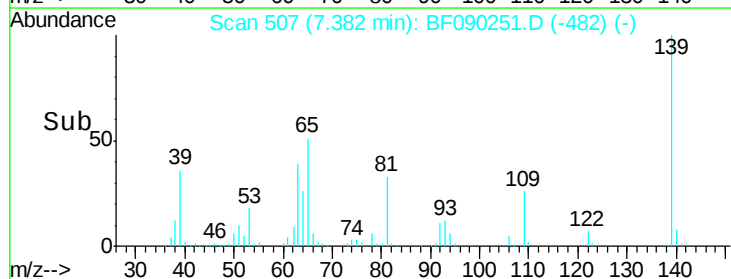
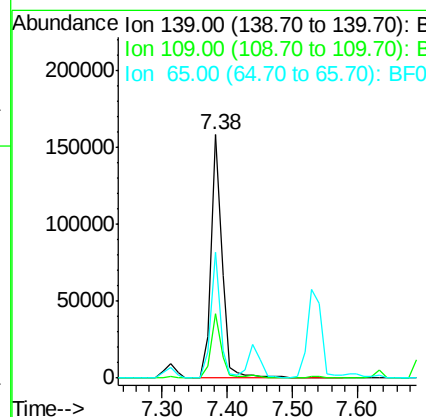
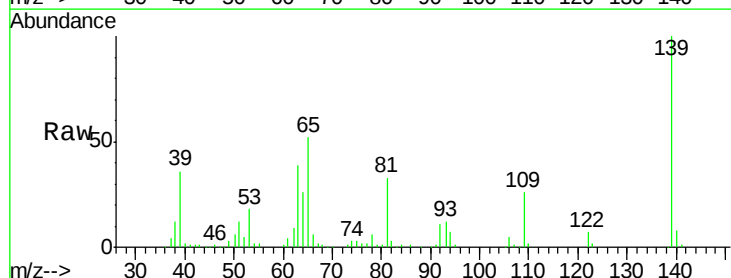
RT: 7.38 min Scan# 507

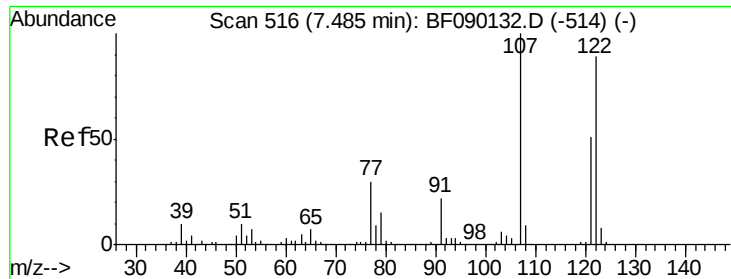
Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion:	139	Resp:	187743
Ion Ratio	Lower	Upper	
139	100		
109	26.5	20.5	30.7
65	51.6	37.9	56.9





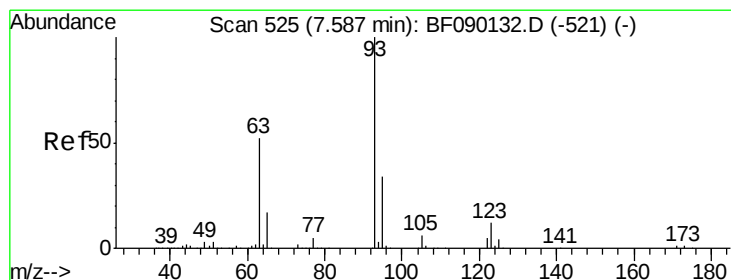
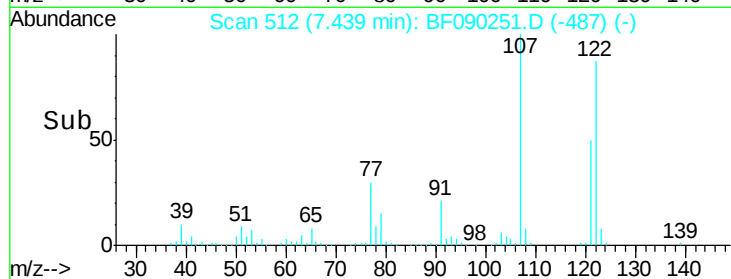
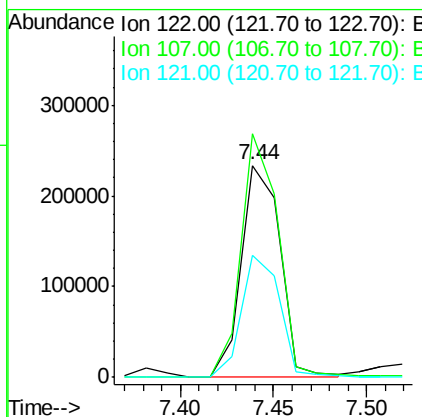
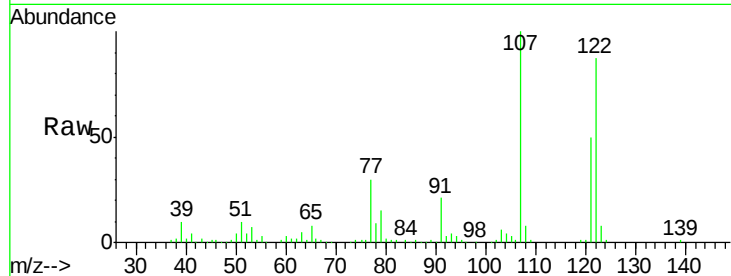
#27
 2,4-Dimethylphenol
 Concen: 34.50 ng
 RT: 7.44 min Scan# 512
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB93621BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	335966		
107	115.0		87.8	131.6
121	57.9		45.7	68.5

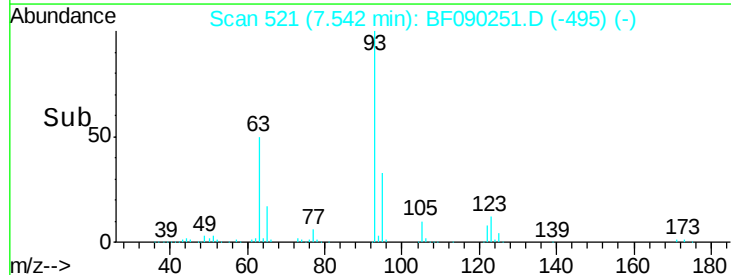
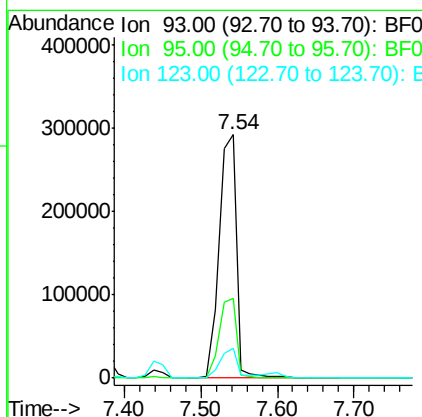
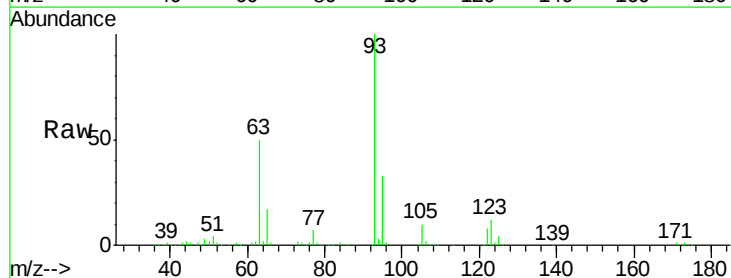
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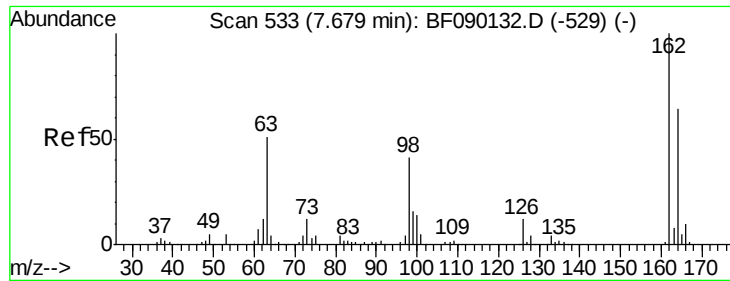
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#28
 bis(2-Chloroethoxy)methane
 Concen: 34.32 ng
 RT: 7.54 min Scan# 521
 Delta R.T. -0.00 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	463366		
95	33.0		26.8	40.2
123	12.4		8.5	12.7





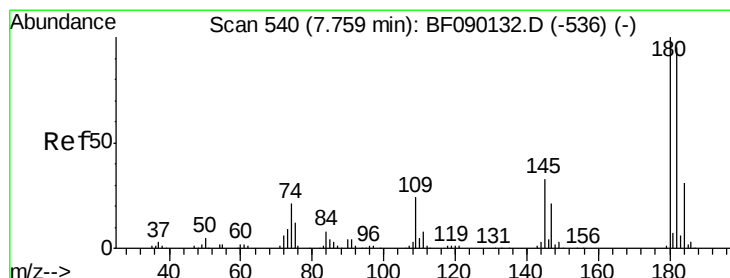
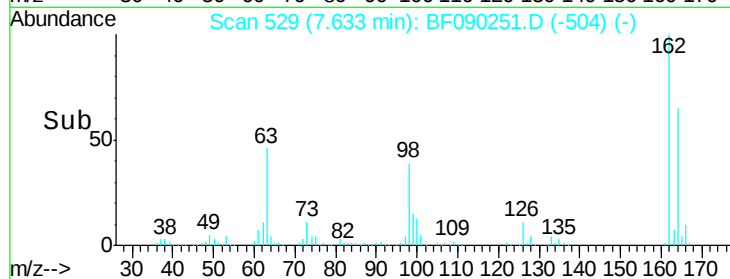
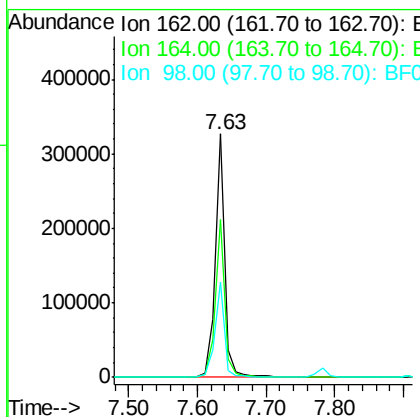
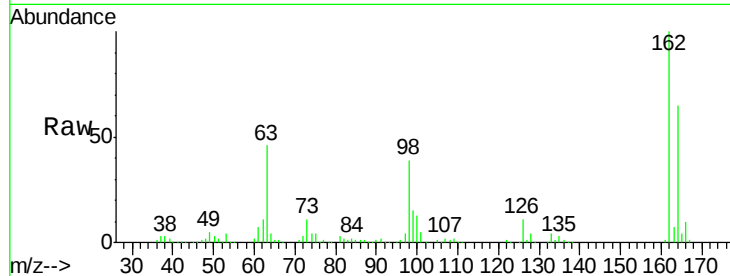
#29
 2,4-Dichlorophenol
 Concen: 37.73 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB93621BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	322290		
164	64.9	46.2	86.2	
98	38.9	10.4	50.4	

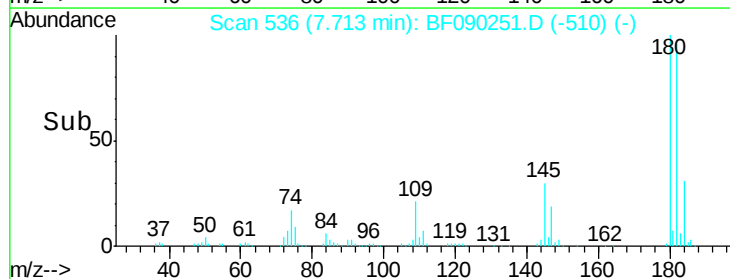
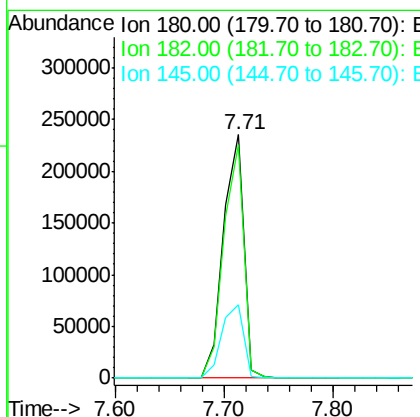
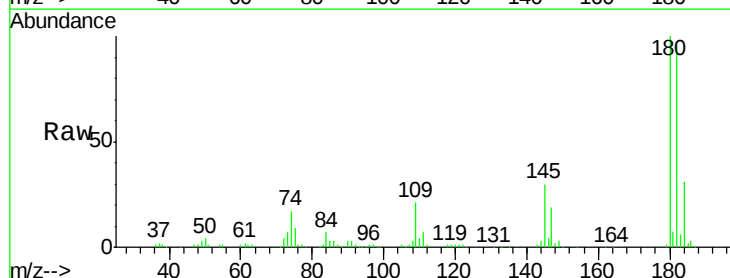
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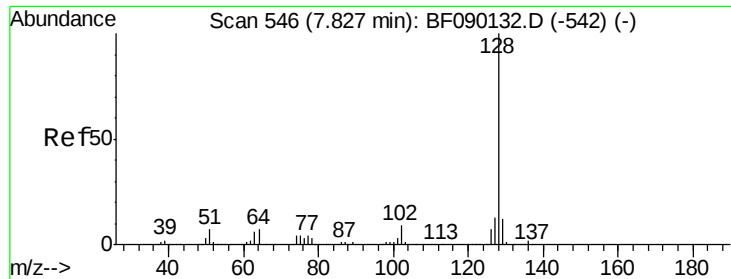
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.94 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	306656		
182	96.1	75.0	112.6	
145	30.0	28.6	42.8	





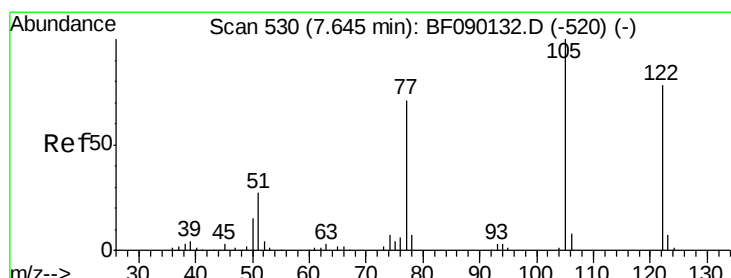
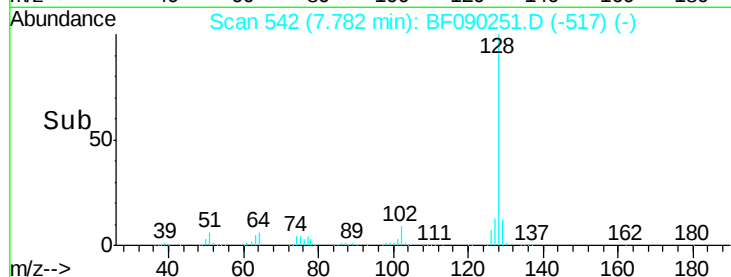
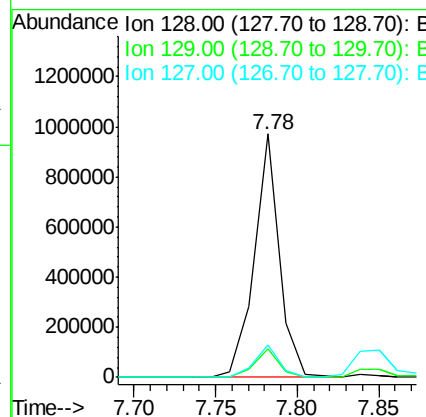
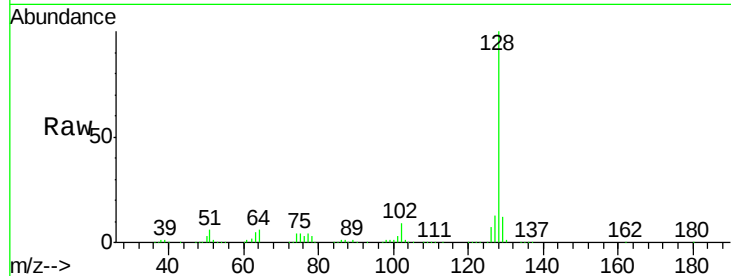
#31
Naphthalene
Concen: 35.18 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampleId :
PB93621BS

Tot Ion:128 Resp: 1037316
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.2 10.8 16.2

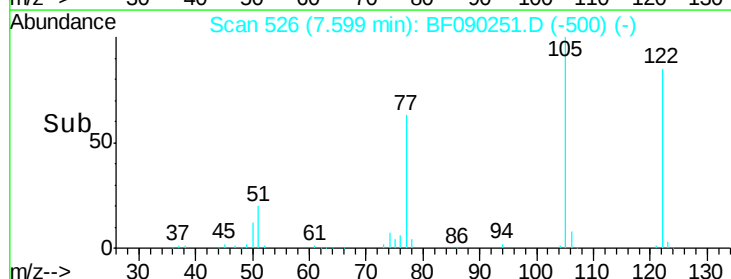
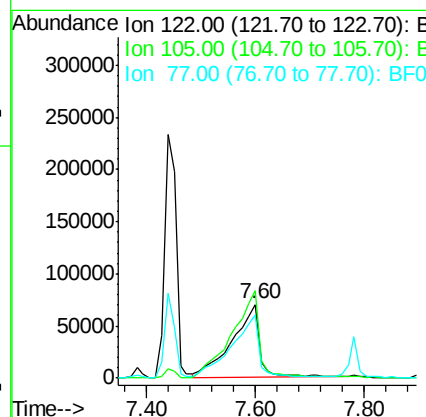
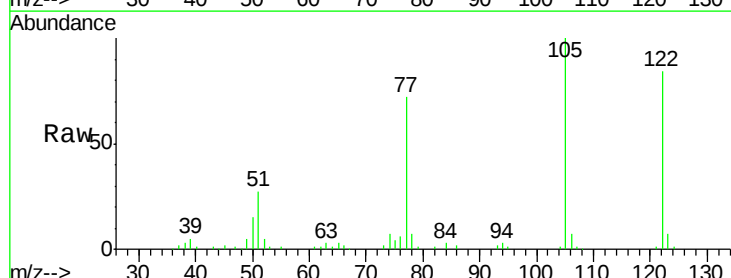
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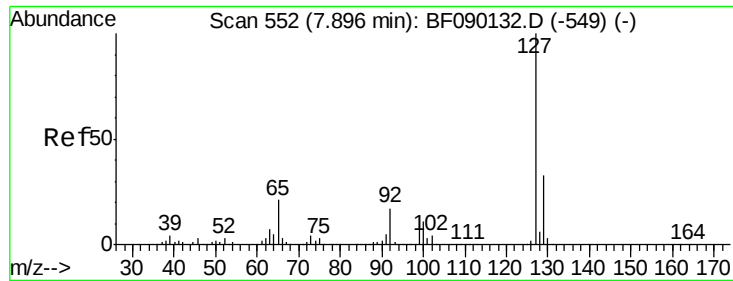
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#32
Benzoic acid
Concen: 36.79 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion:122 Resp: 245952
Ion Ratio Lower Upper
122 100
105 118.4 105.0 145.0
77 85.4 70.4 110.4





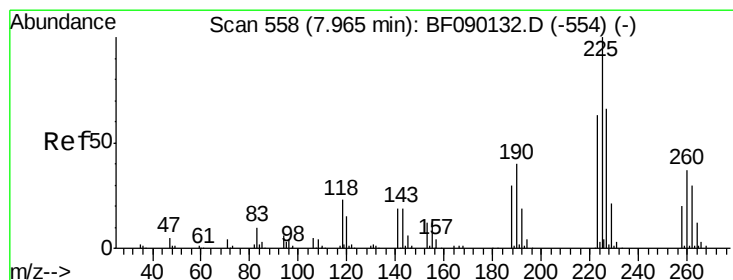
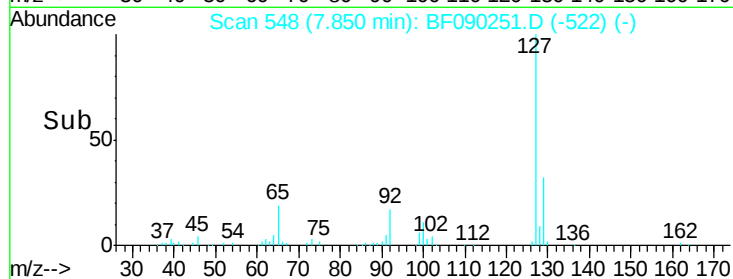
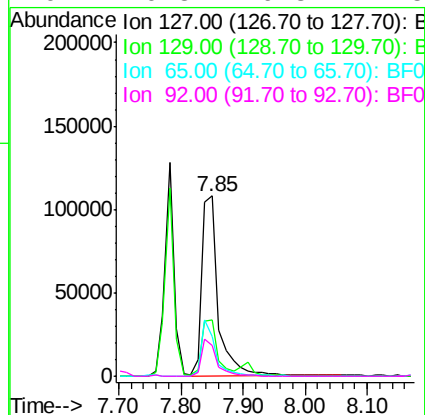
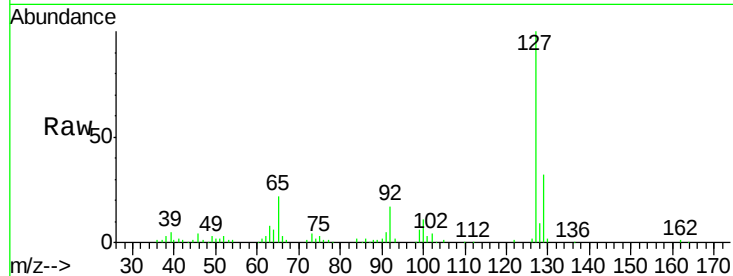
#33
4-Chloroaniline
Concen: 16.28 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampleId :
PB93621BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	25.8	38.6		
65	21.8	24.1	36.1		
92	16.8	16.3	24.5		

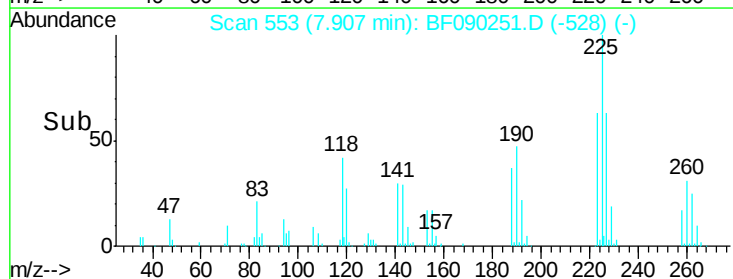
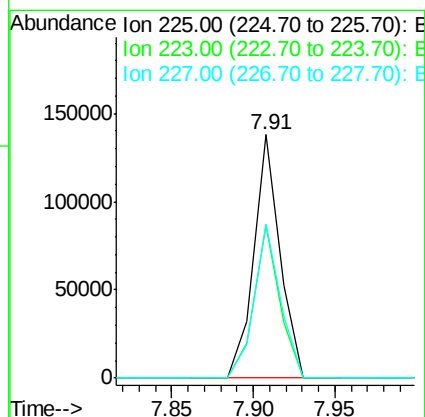
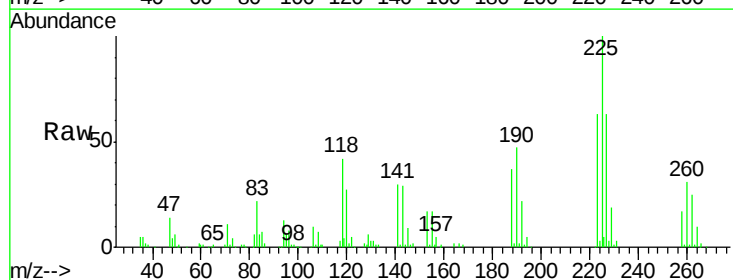
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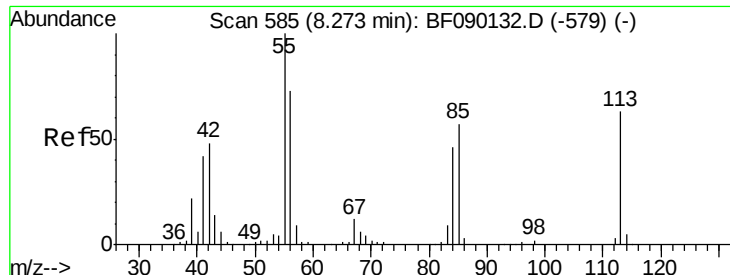
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#34
Hexachlorobutadiene
Concen: 34.01 ng
RT: 7.91 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	51.3	76.9		
227	63.3	51.4	77.0		





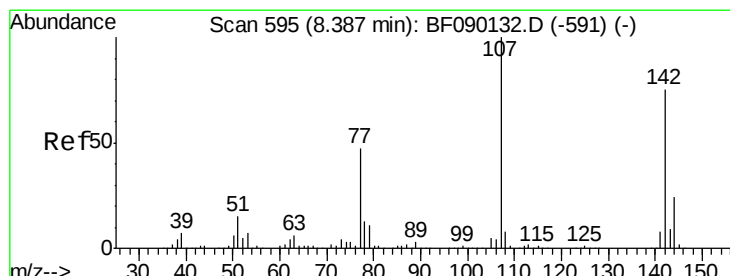
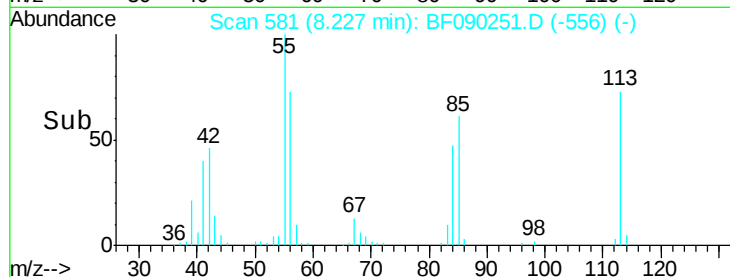
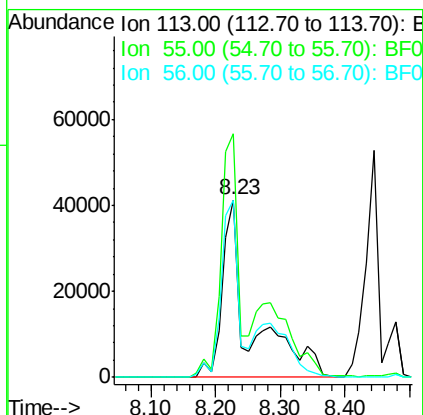
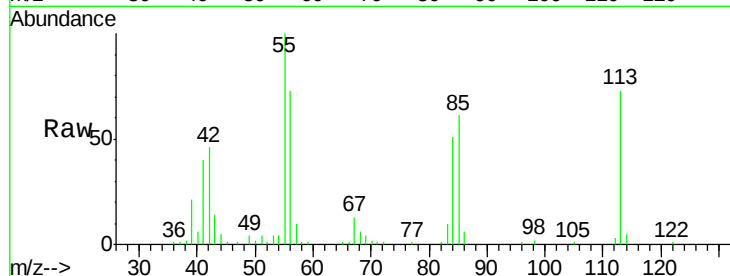
#35
 Caprolactam
 Concen: 43.07 ng/ml
 RT: 8.23 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB93621BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	137.1	134.5	174.5
56	99.8	93.7	133.7

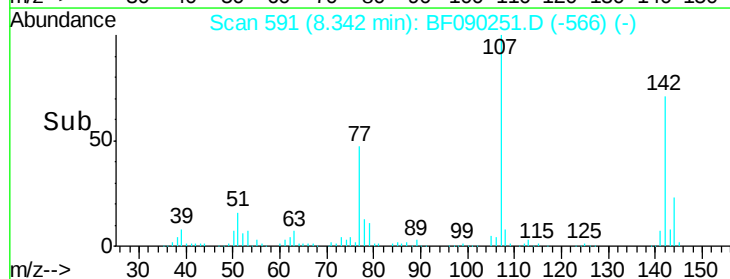
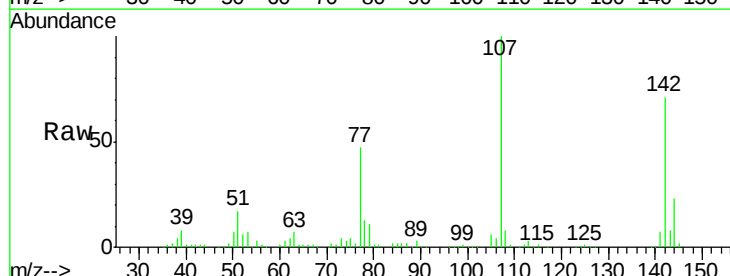
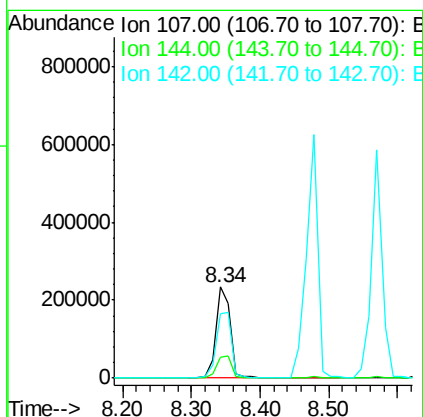
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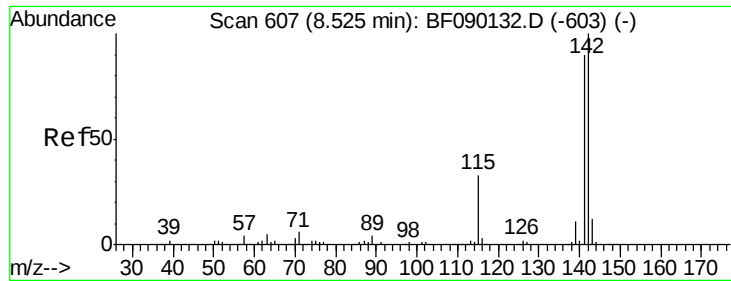
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#36
 4-Chloro-3-methylphenol
 Concen: 36.27 ng/ml
 RT: 8.34 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.3	18.6	27.8
142	71.2	57.0	85.6





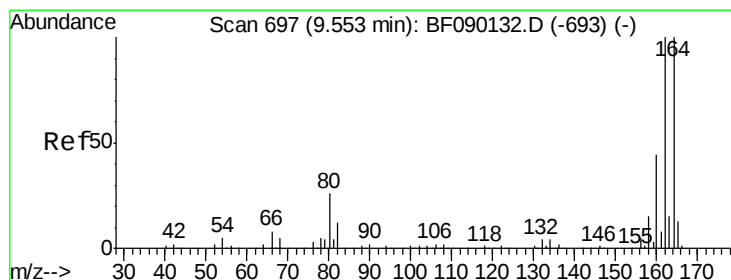
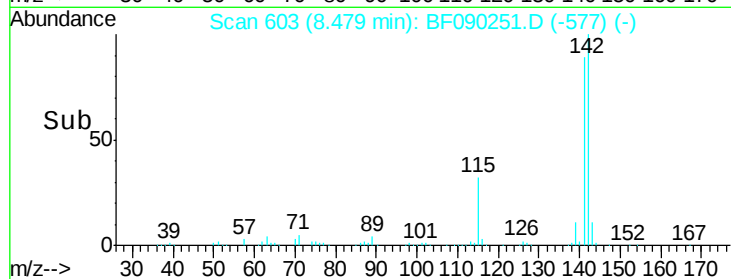
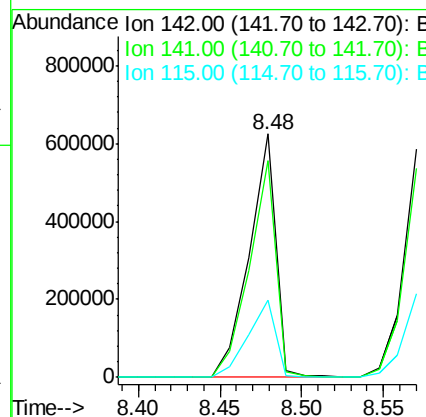
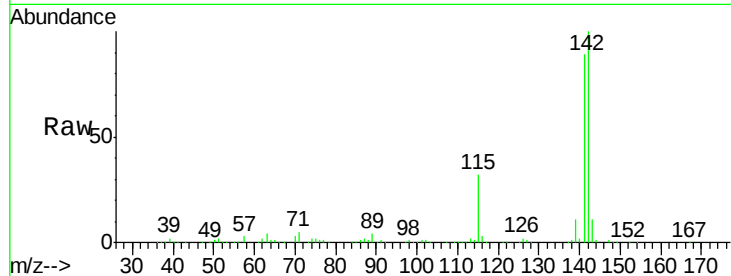
#37
2-Methylnaphthalene
Concen: 38.79 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampleId :
PB93621BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	31.7	28.3	42.5

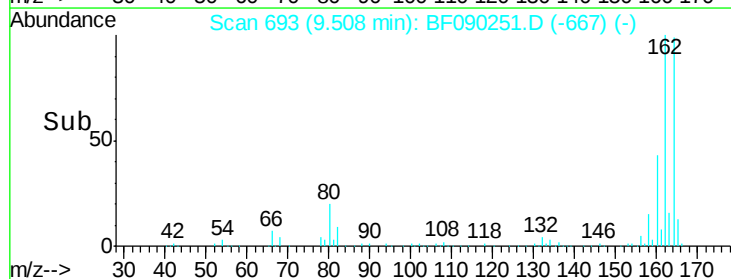
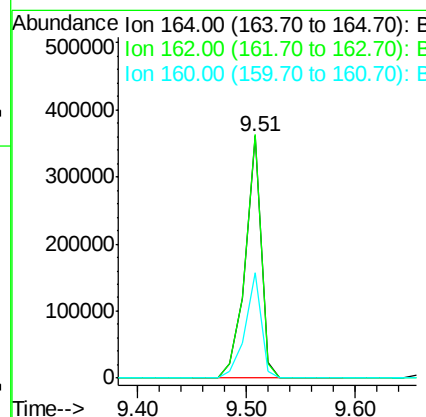
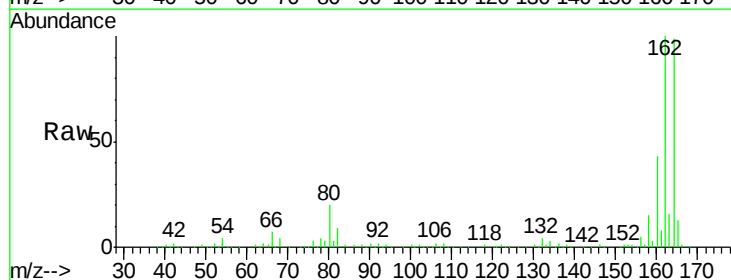
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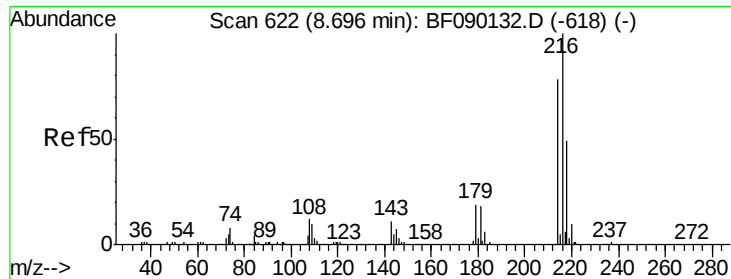
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.4	122.2
160	43.4	36.6	54.8





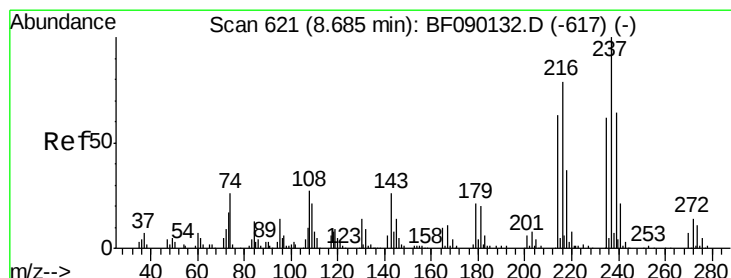
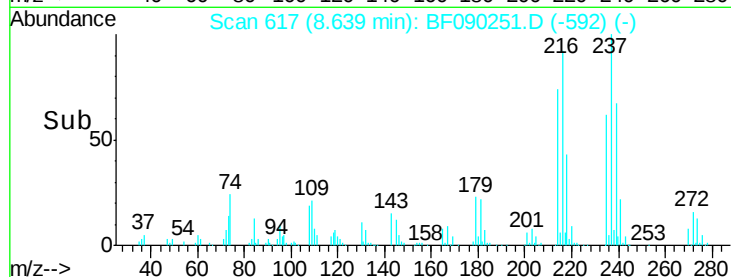
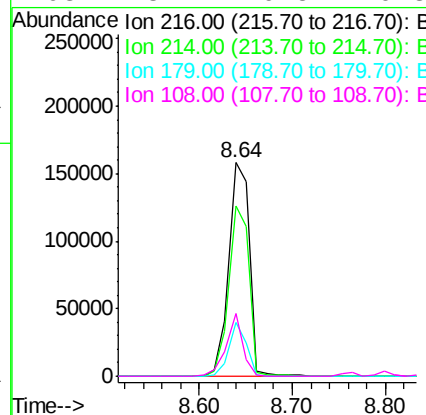
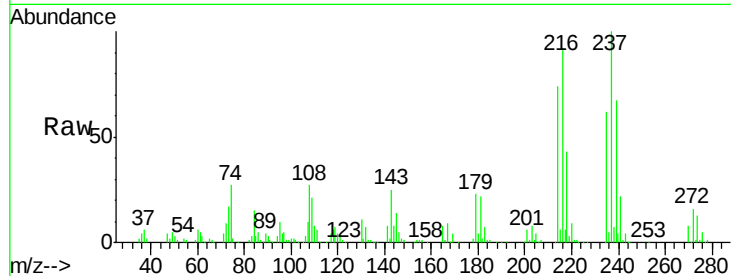
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 29.44 ng
 RT: 8.64 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Instrument :
 BNA_F
 ClientSampled :
 PB93621BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	244756		
214	78.6	63.7	95.5	
179	21.4	18.5	27.7	
108	23.4	19.5	29.3	

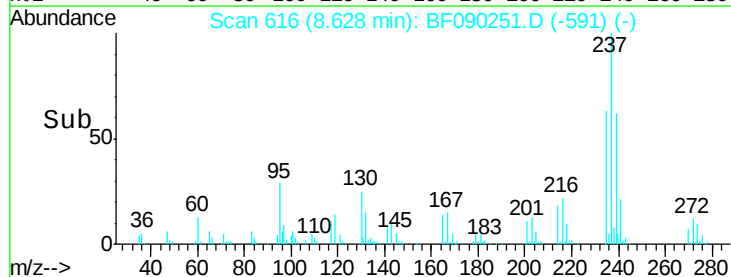
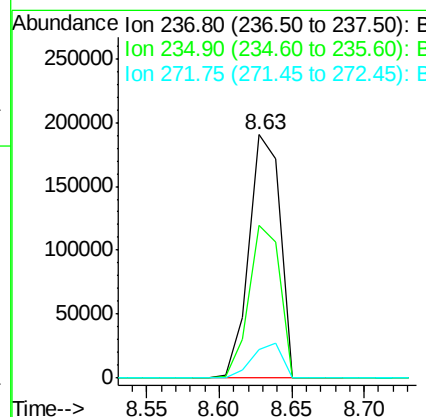
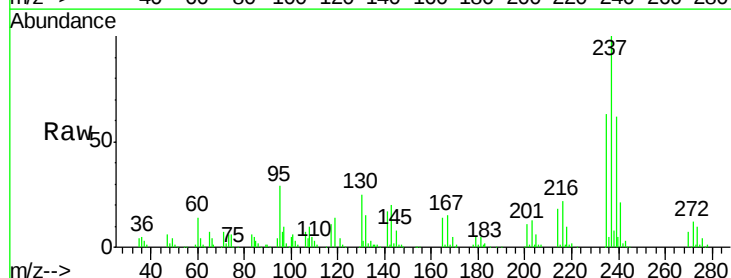
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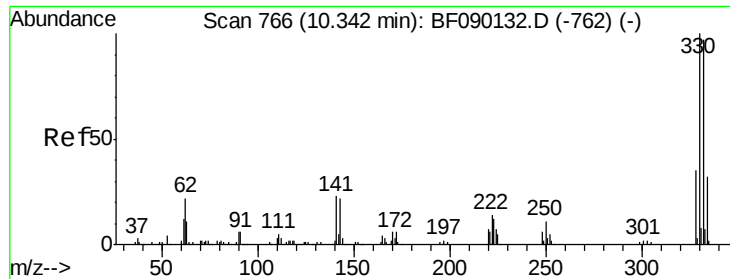
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#40
 Hexachlorocyclopentadiene
 Concen: 68.97 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	282935		
235	62.8	42.5	82.5	
272	11.8	0.0	32.0	





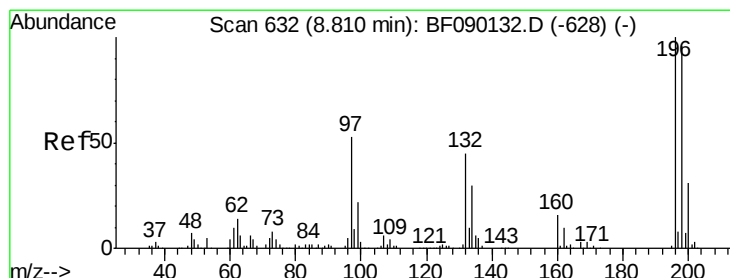
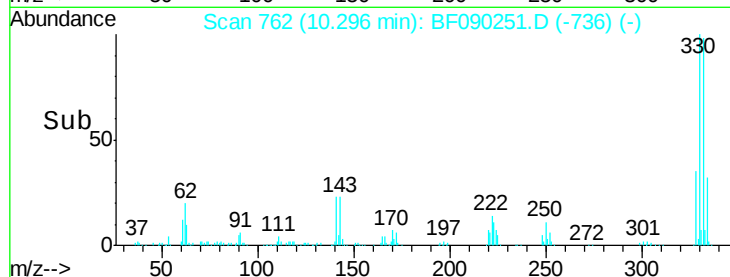
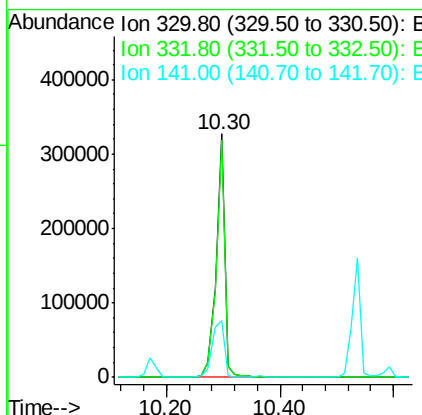
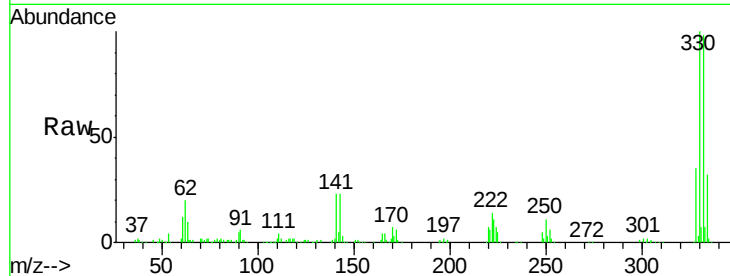
#41
 2,4,6-Tribromophenol
 Concen: 110.41 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB93621BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	343045		
332	97.4	78.1	117.1	
141	32.7	23.9	35.9	

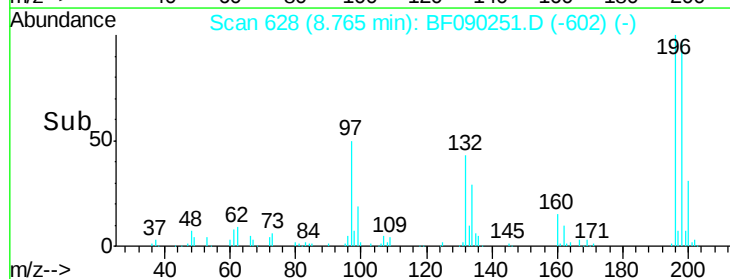
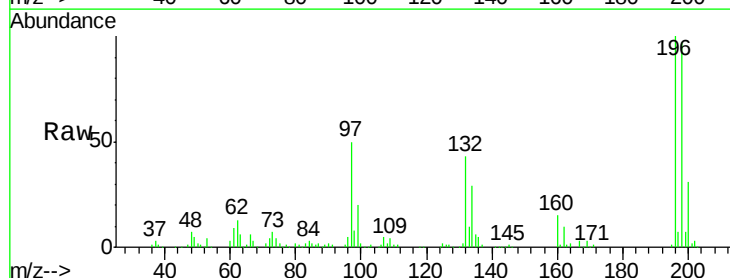
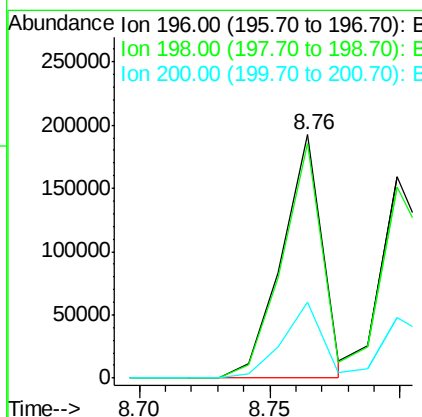
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#42
 2,4,6-Trichlorophenol
 Concen: 34.81 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	206221		
198	96.6	76.3	114.5	
200	31.4	24.1	36.1	





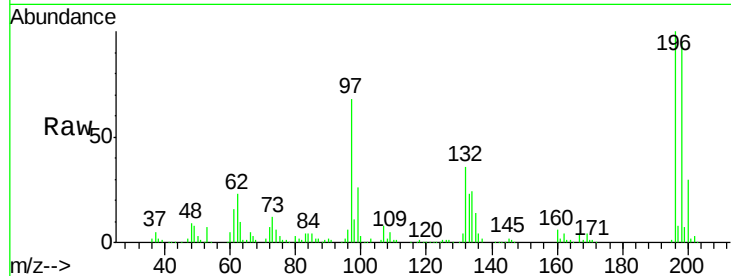
#43
 2,4,5-Trichlorophenol
 Concen: 34.68 ng
 RT: 8.80 min Scan# 631
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Instrument :
 BNA_F
 ClientSampleID :
 PB93621BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	212746		
198	95.3	76.6	114.8	
97	68.3	34.4	51.6	
132	36.3	22.2	33.2	

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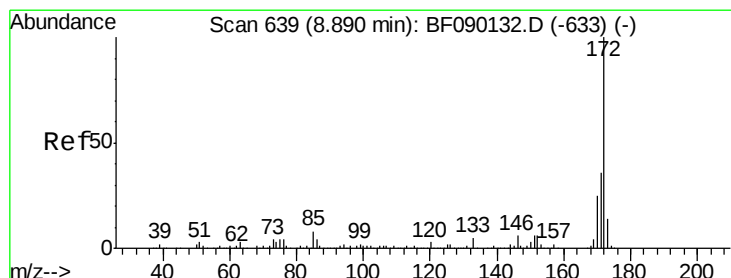
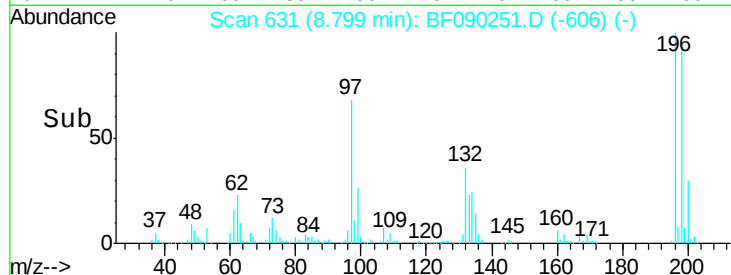
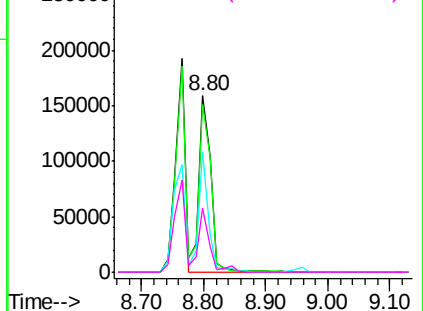
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 71.85 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

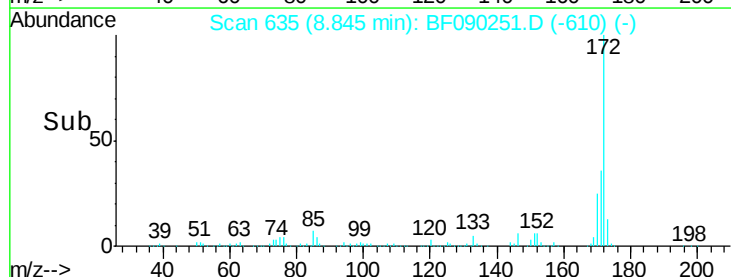
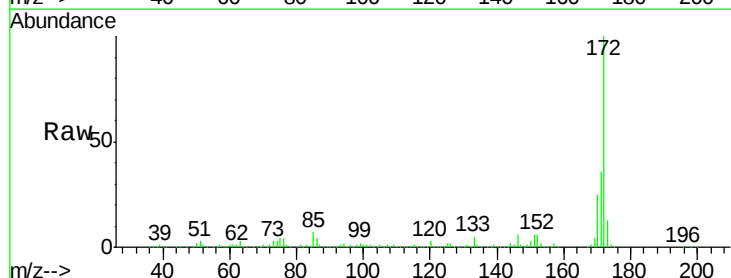
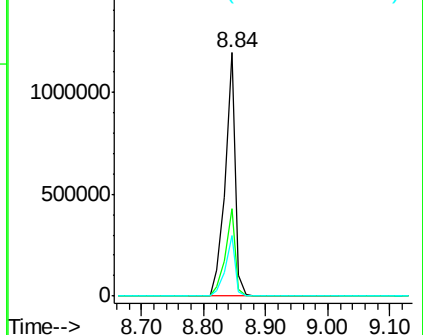
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1325418		
171	35.7	29.2	43.8	
170	24.6	19.8	29.8	

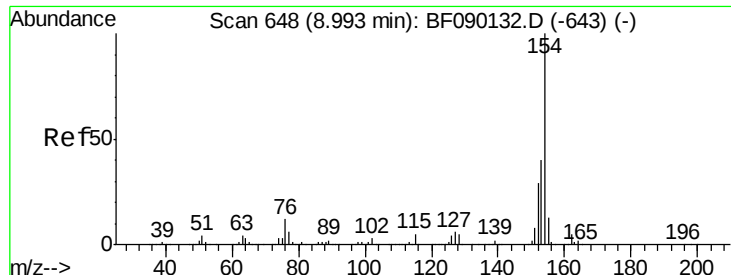
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





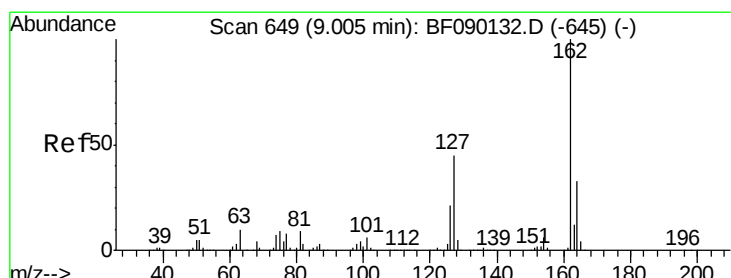
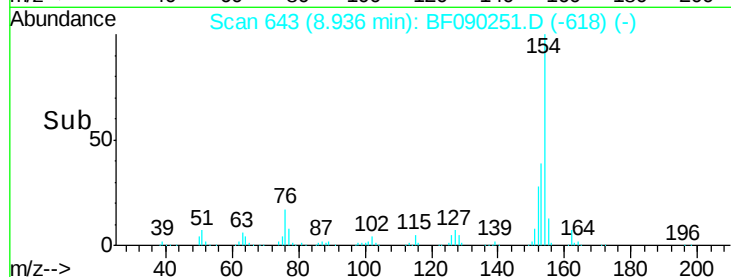
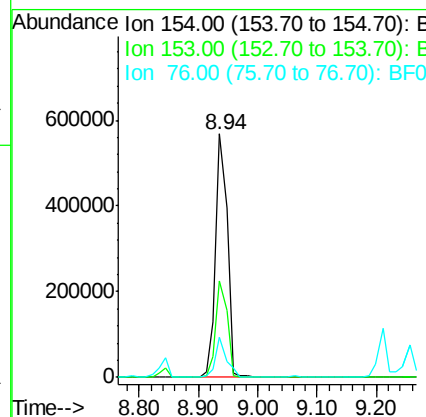
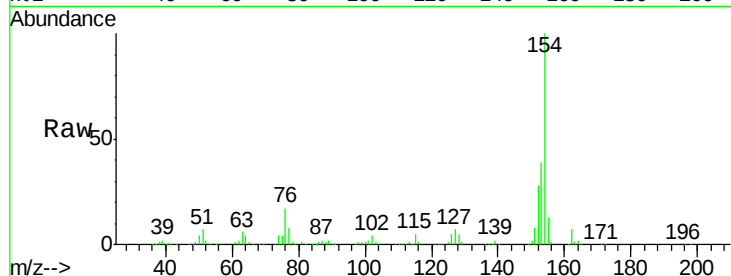
#45
 1,1'-Biphenyl
 Concen: 30.03 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB93621BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.4	20.6	60.6	
76	16.7	0.0	36.7	

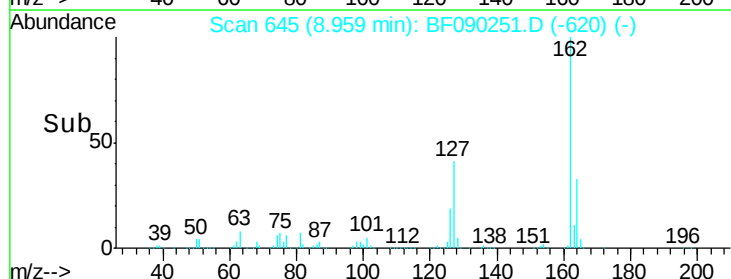
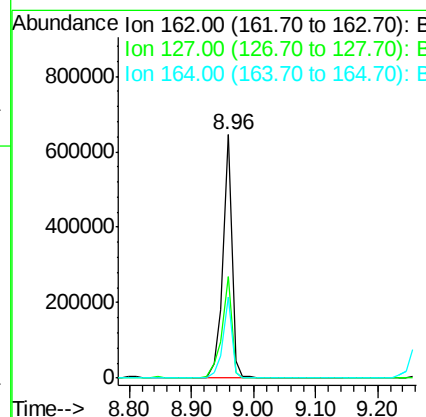
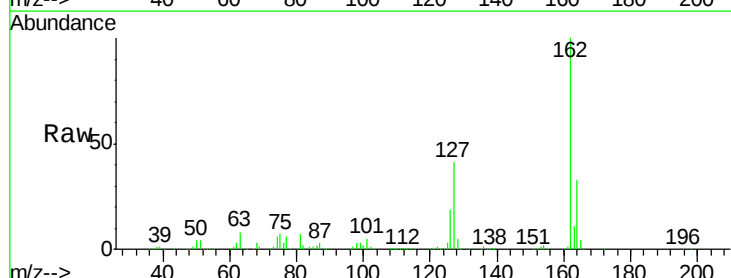
Manual Integrations
 APPROVED

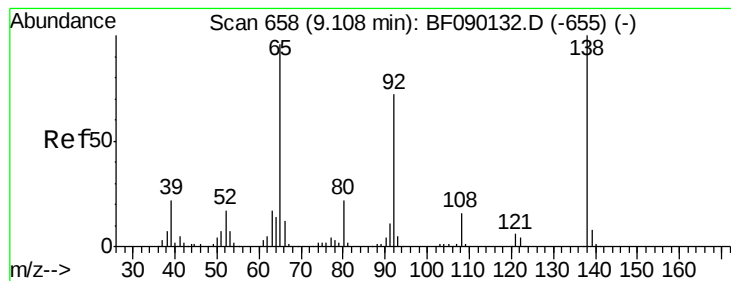
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#46
 2-Chloronaphthalene
 Concen: 33.38 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.5	34.0	51.0	
164	33.3	26.8	40.2	





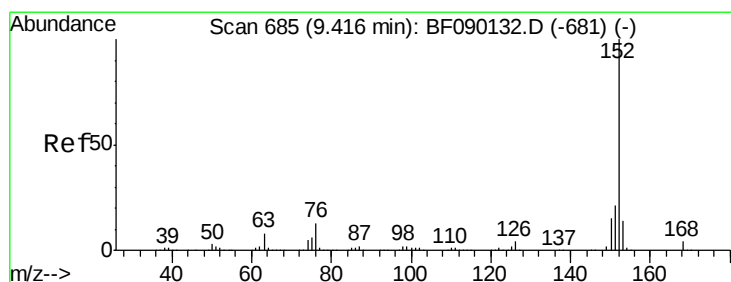
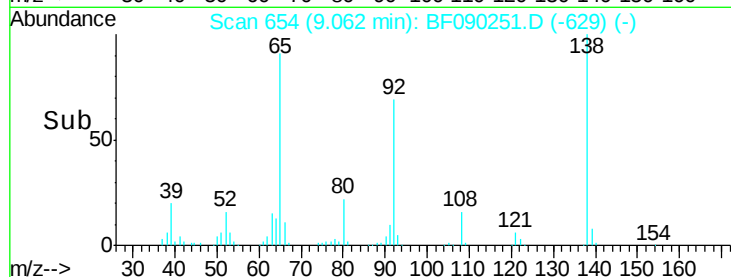
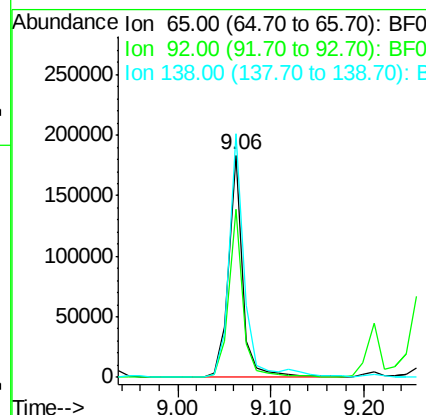
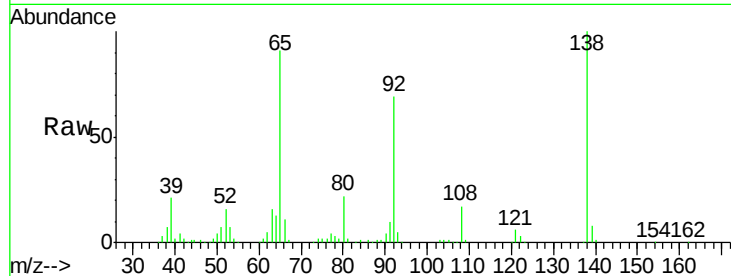
#47
2-Nitroaniline
Concen: 33.52 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampled :
PB93621BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	75.9	66.1	99.1
138	109.6	104.1	156.1

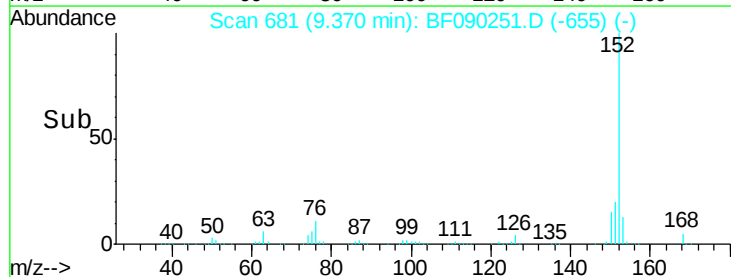
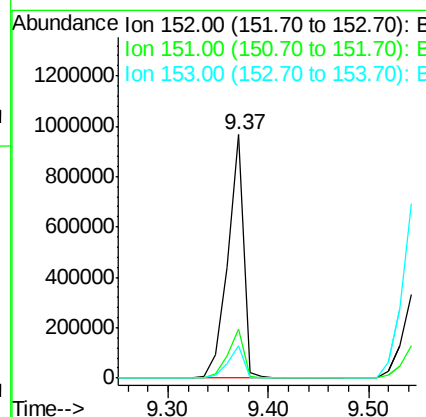
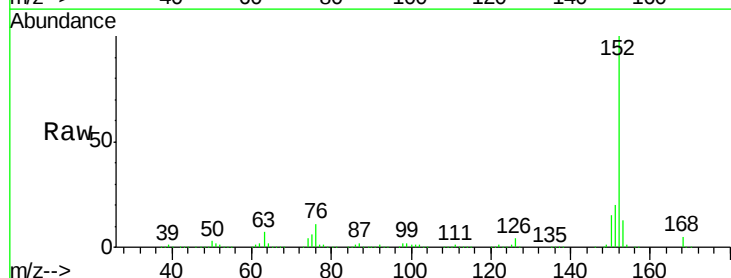
Manual Integrations
APPROVED

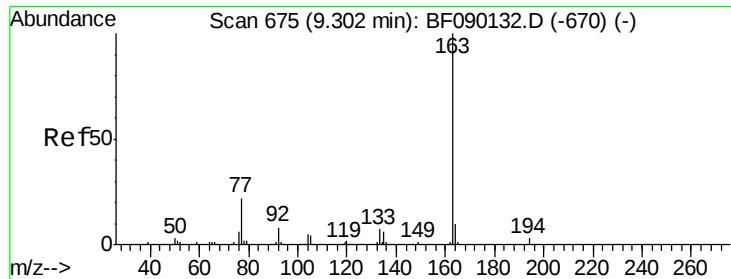
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#48
Acenaphthylene
Concen: 34.04 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.5	24.7
153	13.2	10.6	15.8





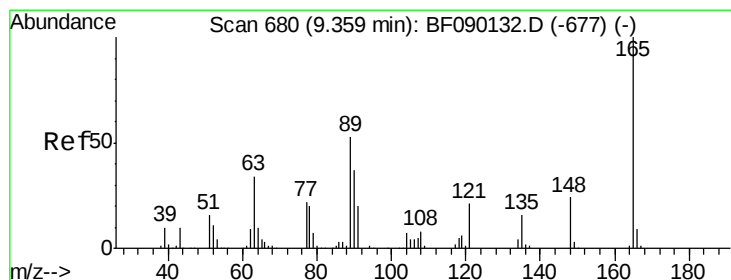
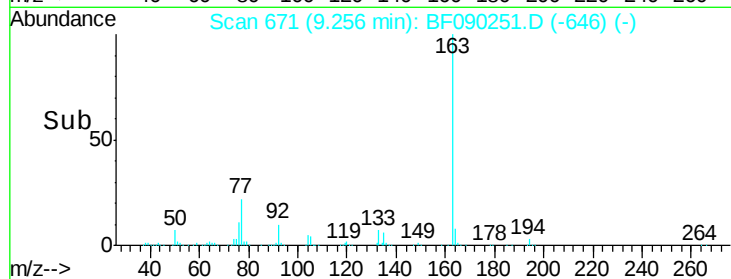
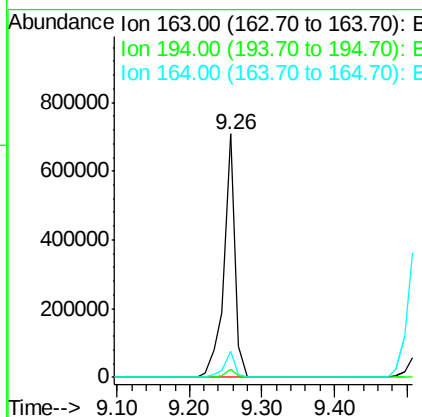
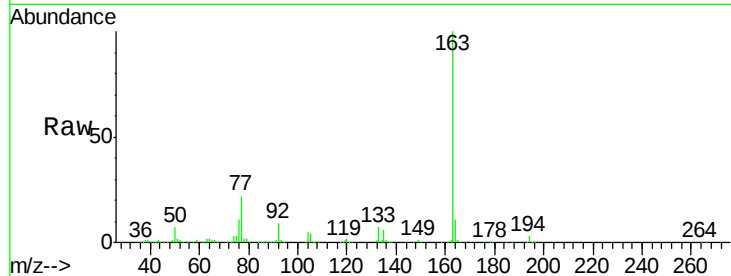
#49
Dimethylphthalate
Concen: 32.36 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampleId :
PB93621BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	746553		
194	3.2		2.8	4.2
164	10.6		8.1	12.1

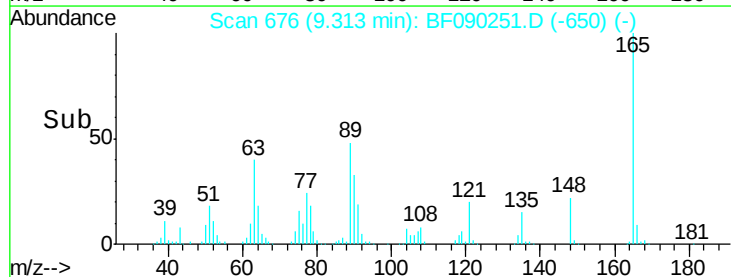
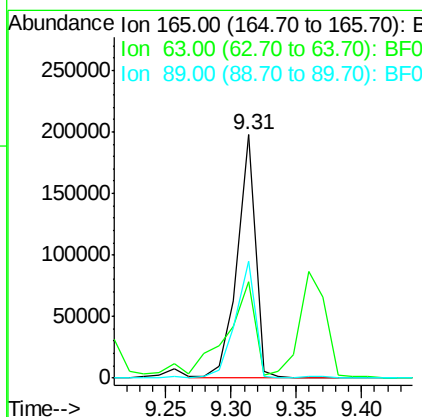
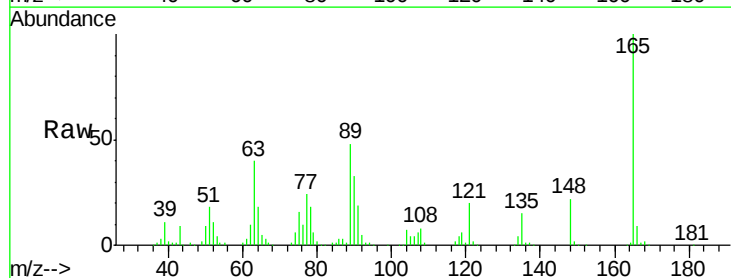
Manual Integrations
APPROVED

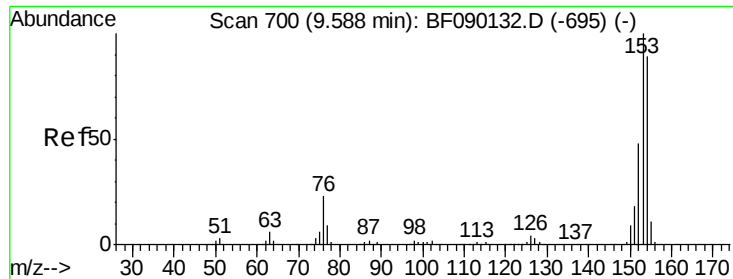
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#50
2,6-Dinitrotoluene
Concen: 37.31 ng
RT: 9.31 min Scan# 676
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	191833		
63	39.7		49.9	74.9#
89	47.9		51.0	76.4#





#51

Acenaphthene

Concen: 34.65 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

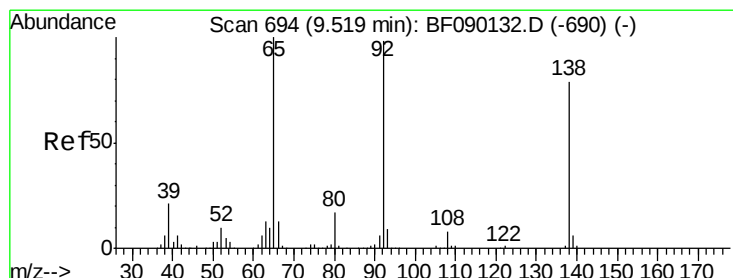
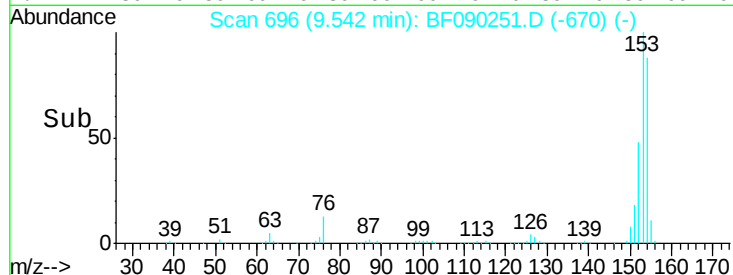
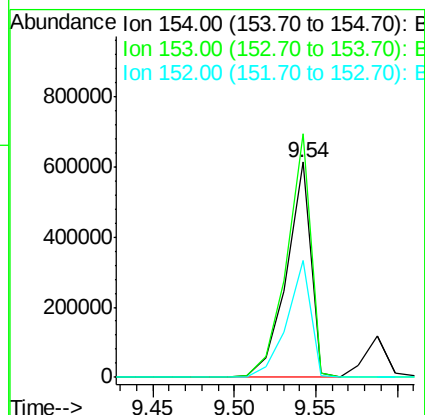
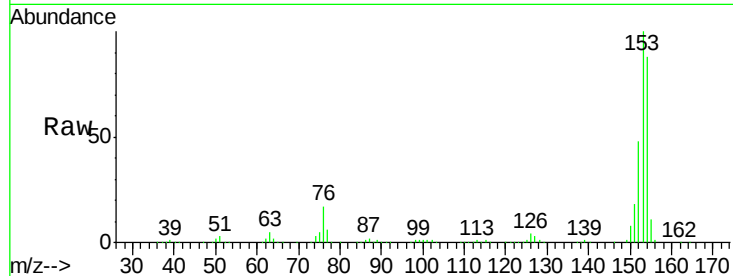
ClientSampleId :

PB93621BS

Tot Ion:	154	Resp:	638456
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.8	136.2
152	54.2	44.2	66.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 20.22 ng

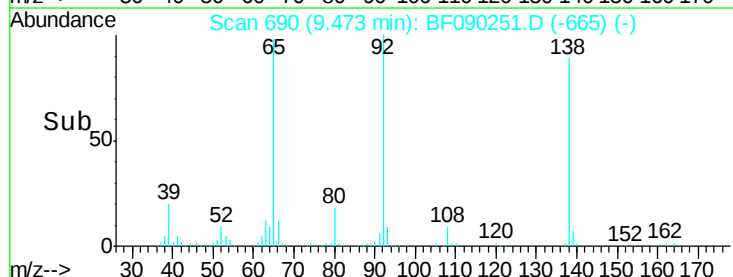
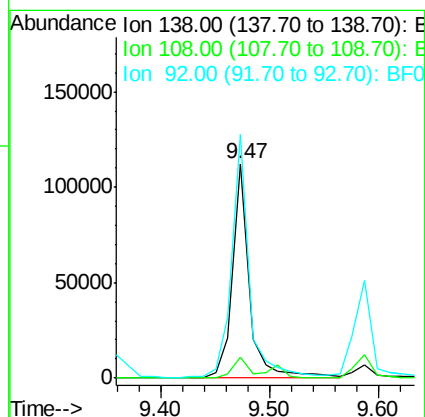
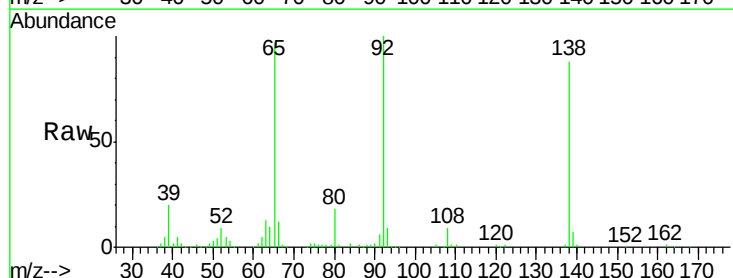
RT: 9.47 min Scan# 690

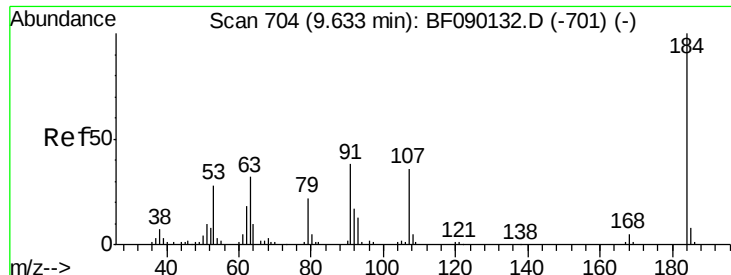
Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion:	138	Resp:	121868
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.8	11.6
92	113.5	90.7	136.1





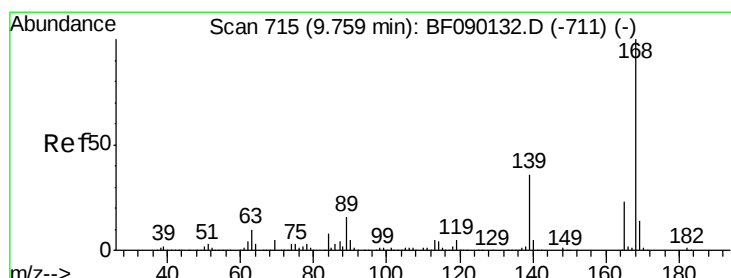
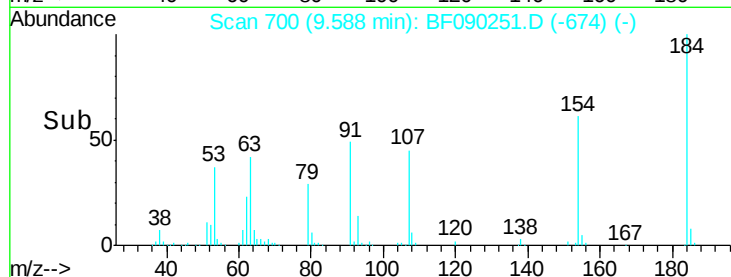
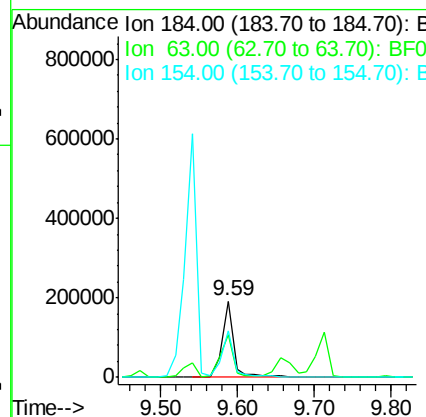
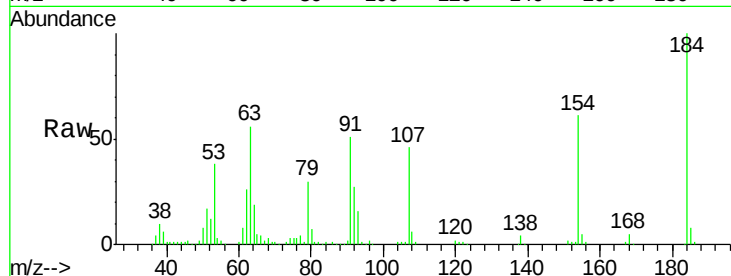
#53
2,4-Dinitrophenol
Concen: 72.16 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampled :
PB93621BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	206591		
63	55.7	44.6	67.0	
154	60.9	49.7	74.5	

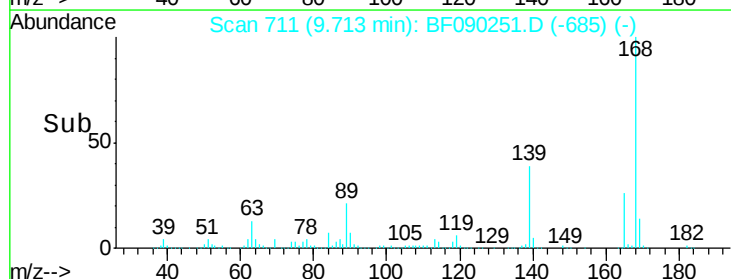
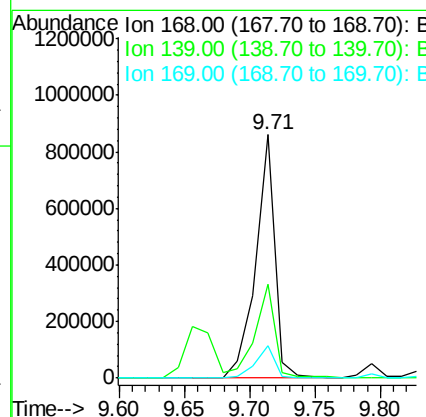
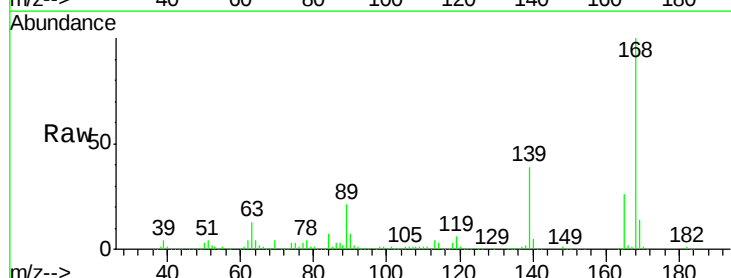
Manual Integrations
APPROVED

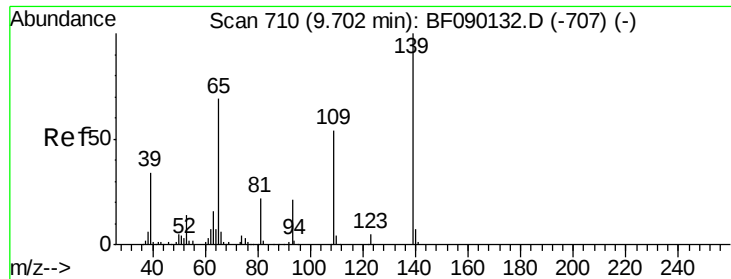
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#54
Dibenzofuran
Concen: 36.46 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	884236		
139	38.5	28.8	43.2	
169	13.5	10.7	16.1	





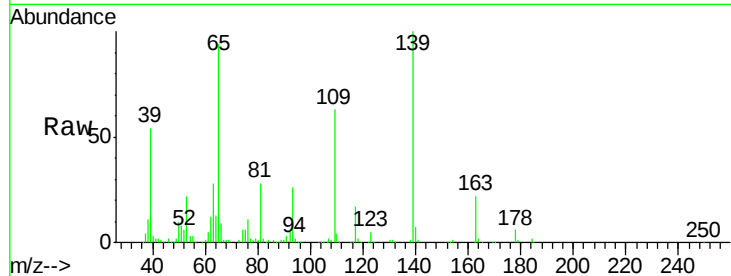
#55
4-Nitrophenol
Concen: 65.99 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampled :
PB93621BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	272499		
109	63.5	35.6	75.6	
65	94.5	55.5	95.5	

Manual Integrations
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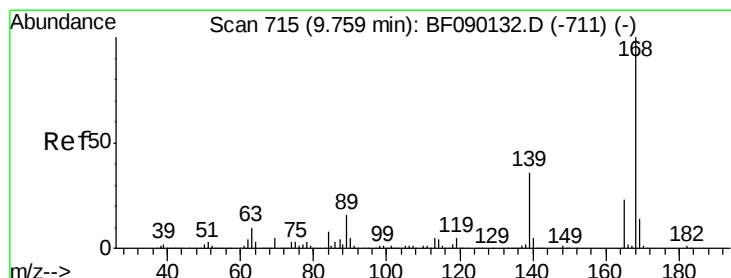
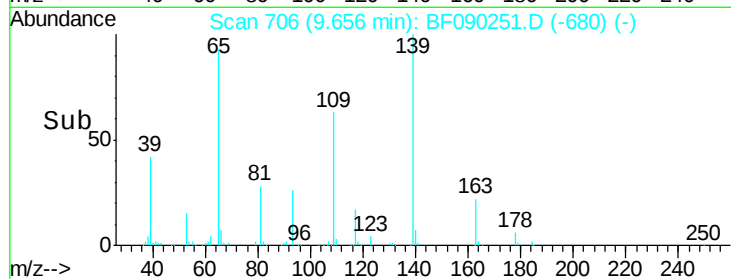
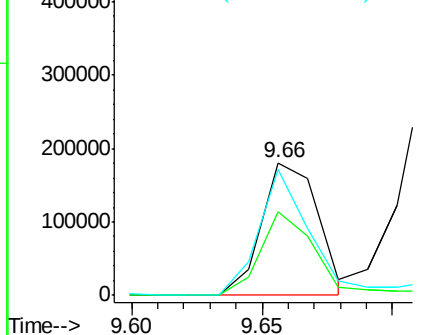


Abundance

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



#56
2,4-Dinitrotoluene
Concen: 36.65 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	222803		
63	50.6	44.4	66.6	
89	80.9	70.1	105.1	
182	2.0	1.7	2.5	

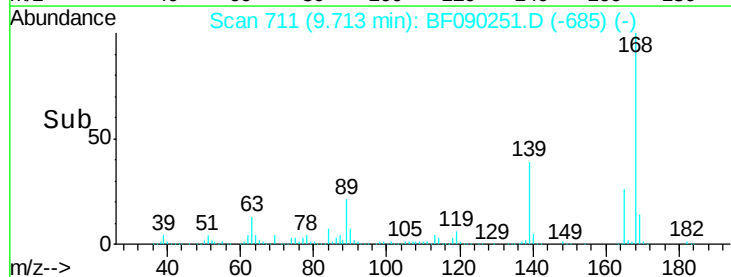
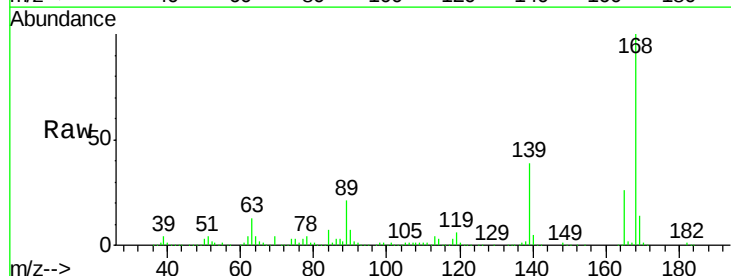
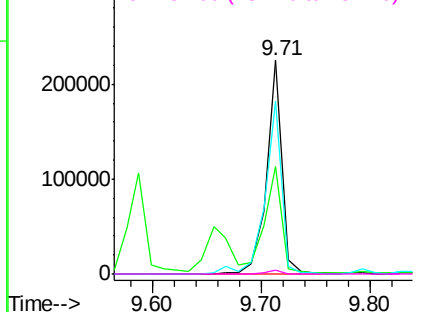
Abundance

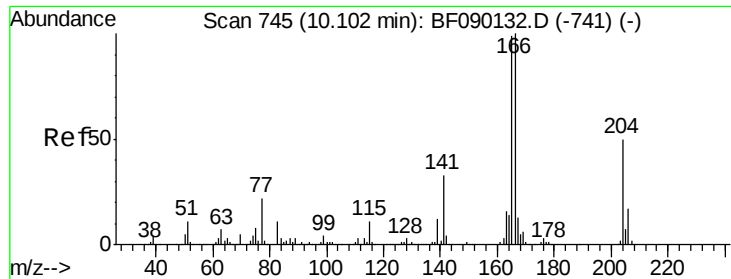
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 37.89 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

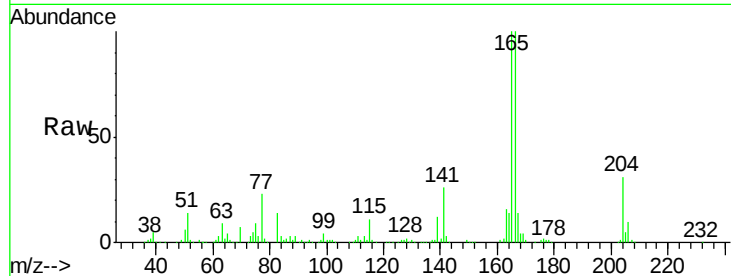
ClientSampleId :

PB93621BS

Tot Ion:	166	Resp:	692452
Ion Ratio	Lower	Upper	
166	100		
165	99.7	78.5	117.7
167	14.0	11.2	16.8

Manual Integrations
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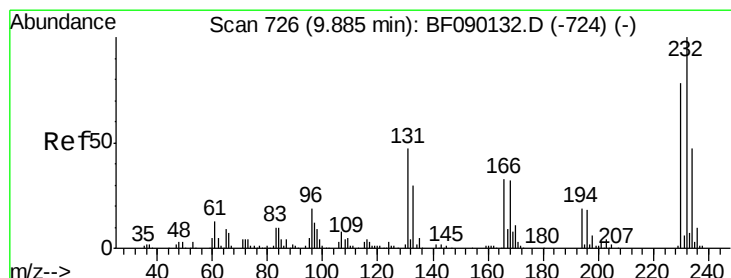
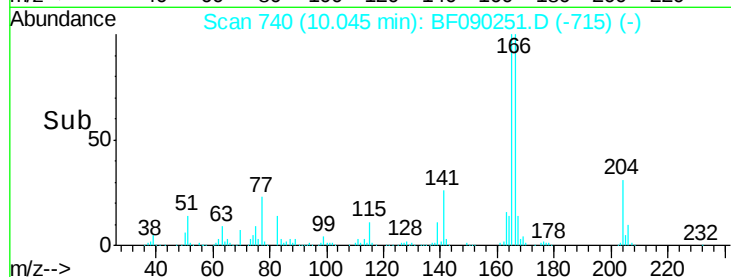
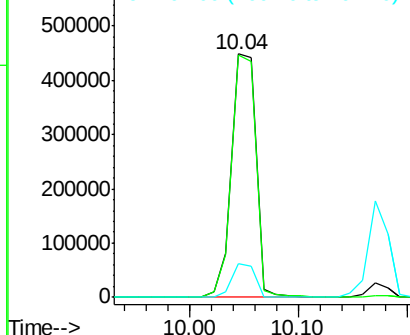


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.77 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion:	232	Resp:	182631
Ion Ratio	Lower	Upper	
232	100		
131	48.7	42.2	63.4
130	2.1	1.9	2.9
166	32.3	26.4	39.6

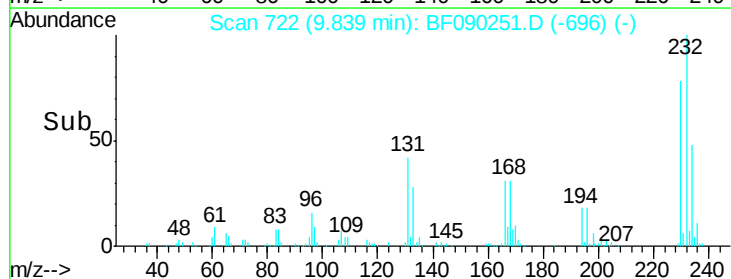
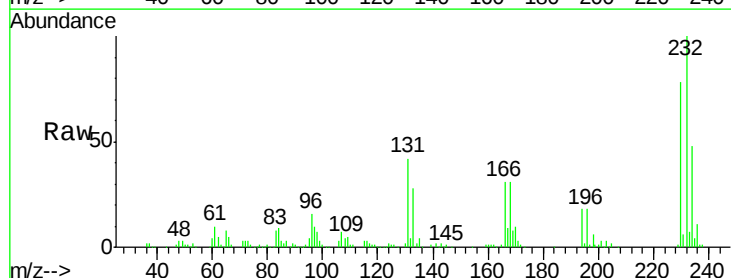
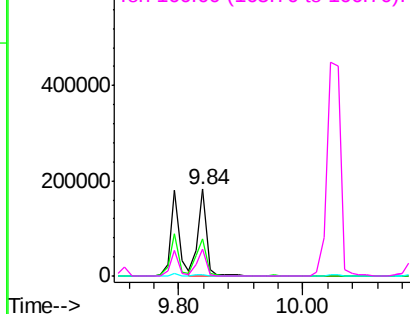
Abundance

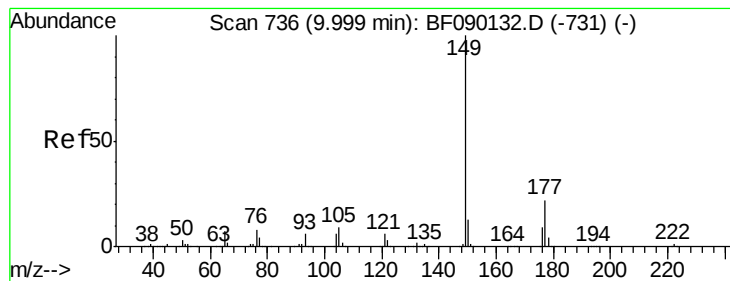
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 35.21 ng

RT: 9.95 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

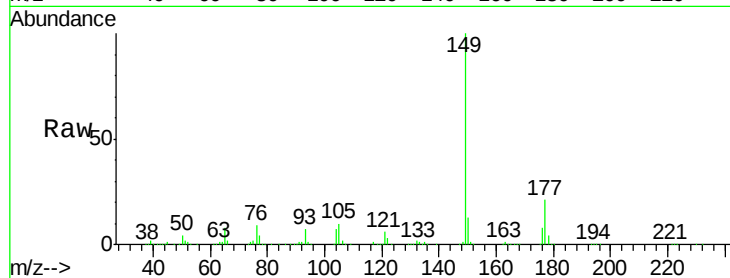
ClientSampled :

PB93621BS

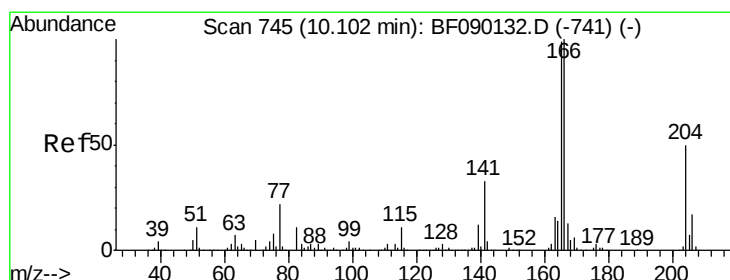
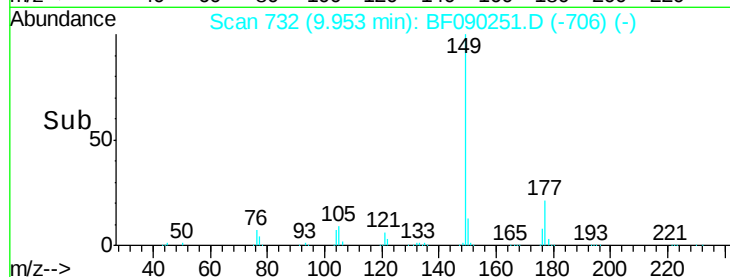
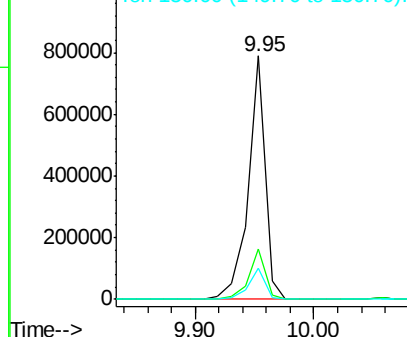
Tot Ion:	149	Resp:	784381
Ion Ratio	Lower	Upper	
149	100		
177	20.7	15.8	23.6
150	12.7	10.4	15.6

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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: 35.20 ng

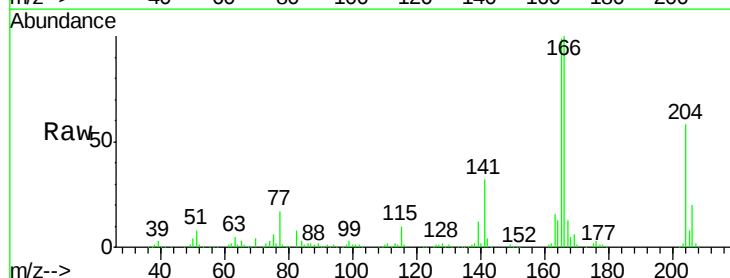
RT: 10.06 min Scan# 741

Delta R.T. -0.00 min

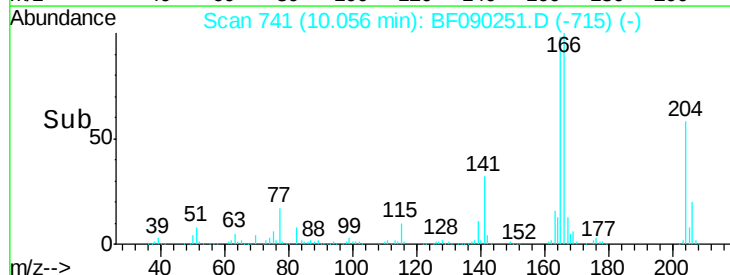
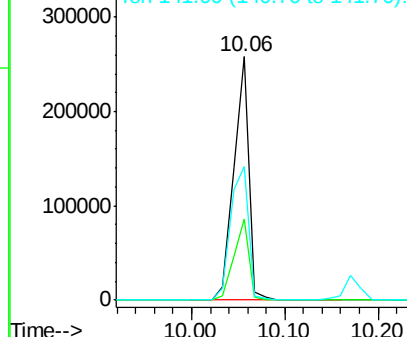
Lab File: BF090251.D

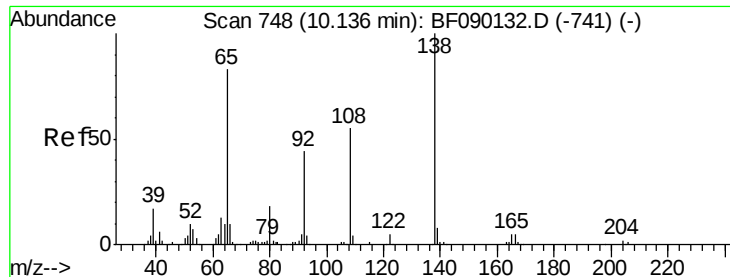
Acq: 27 Sep 2016 14:37

Tgt Ion:	204	Resp:	293359
Ion Ratio	Lower	Upper	
204	100		
206	33.5	25.6	38.4
141	55.0	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: 34.14 ng

RT: 10.09 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

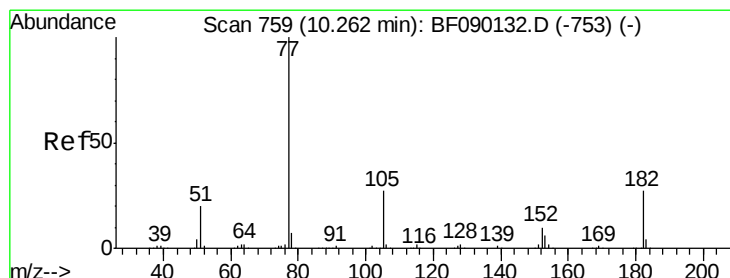
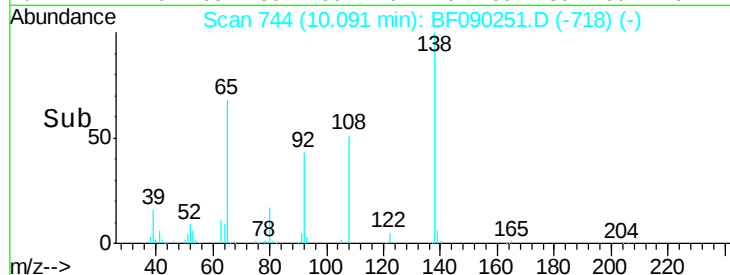
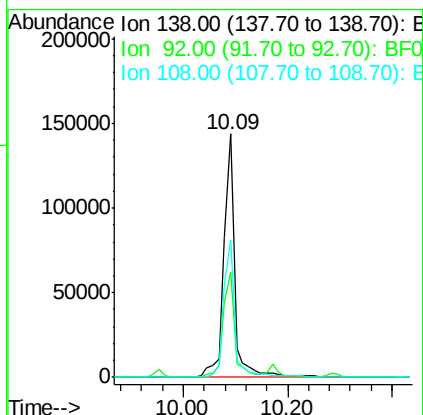
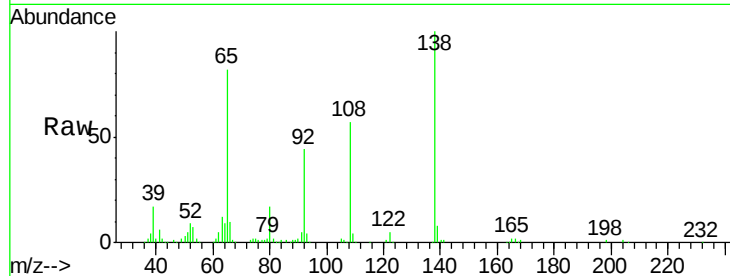
ClientSampled :

PB93621BS

Tot Ion:	138	Resp:	209728
Ion Ratio	Lower	Upper	
138	100		
92	43.5	23.8	63.8
108	56.7	35.0	75.0

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#62

Azobenzene

Concen: 36.30 ng

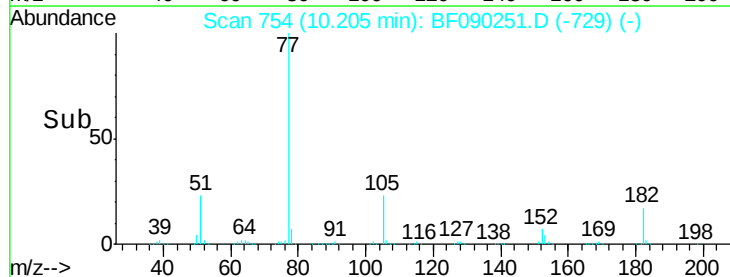
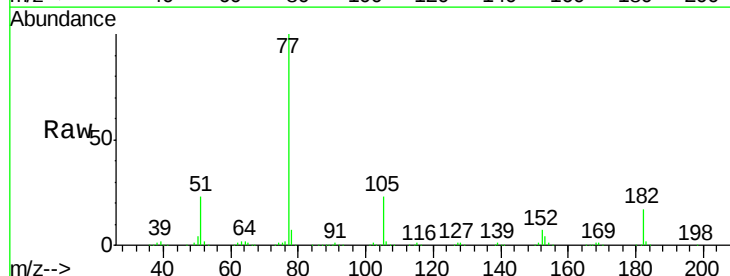
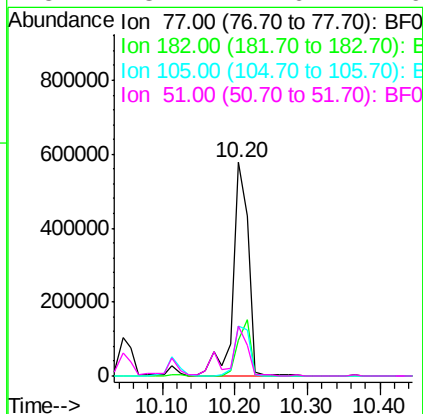
RT: 10.20 min Scan# 754

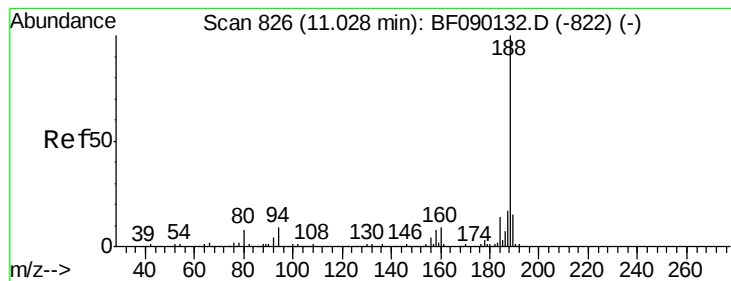
Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion:	77	Resp:	841857
Ion Ratio	Lower	Upper	
77	100		
182	17.0	0.0	38.4
105	23.3	3.8	43.8
51	23.1	2.6	42.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.97 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

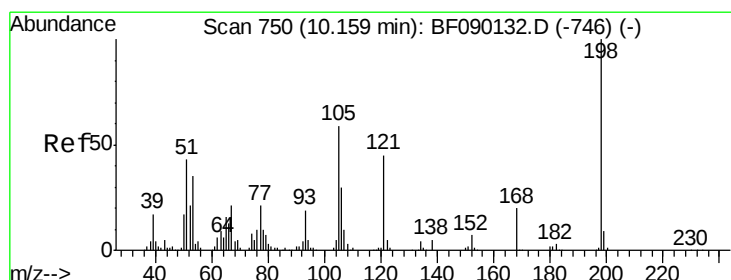
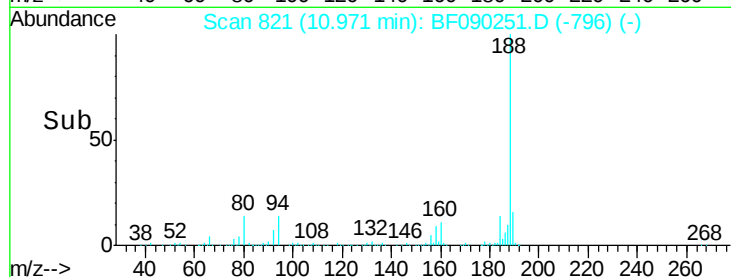
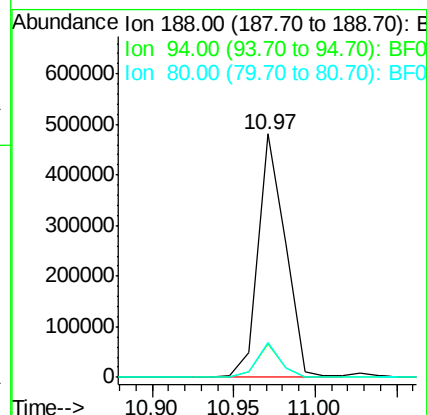
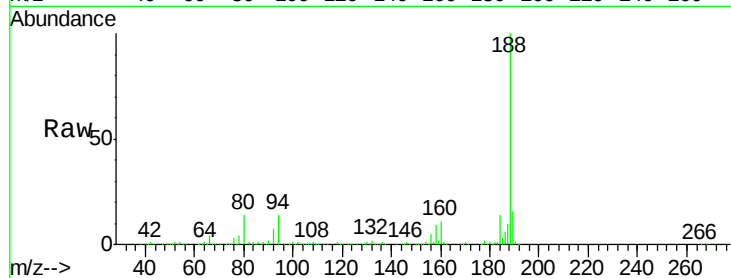
ClientSampleId :

PB93621BS

Tot Ion:188	Resp: 561188
Ion Ratio	Lower Upper
188 100	
94 13.6	10.5 15.7
80 14.3	11.2 16.8

Manual Integrations
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#64

4,6-Dinitro-2-methylphenol

Concen: 34.91 ng

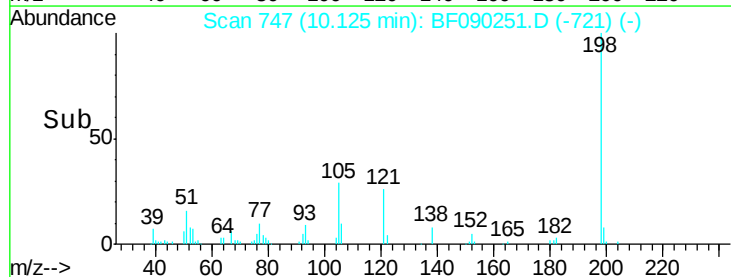
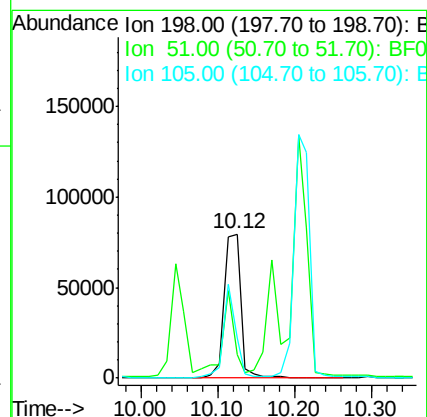
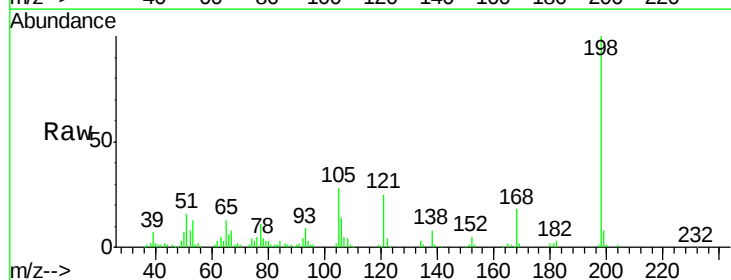
RT: 10.12 min Scan# 747

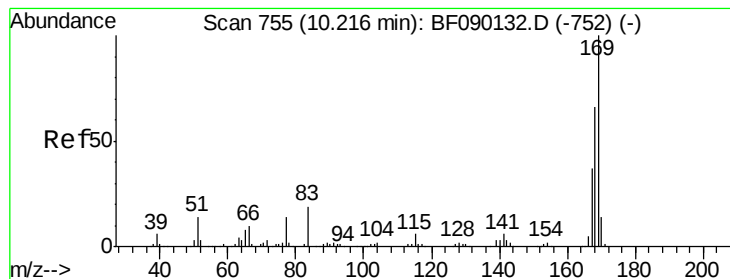
Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion:198	Resp: 122707
Ion Ratio	Lower Upper
198 100	
51 16.3	5.5 45.5
105 27.9	21.8 61.8





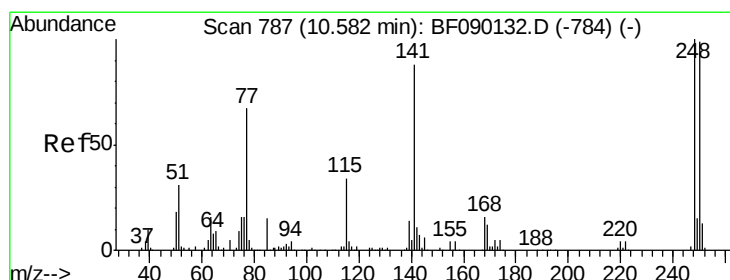
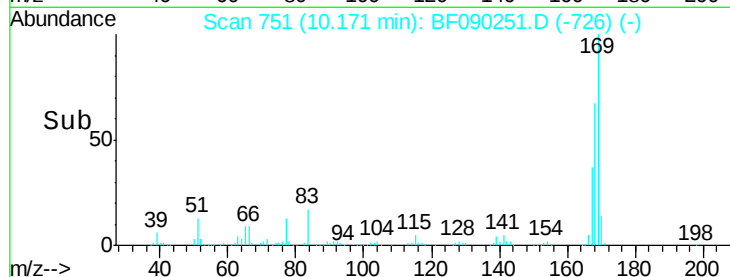
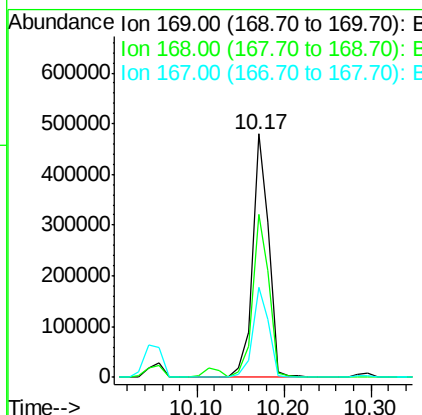
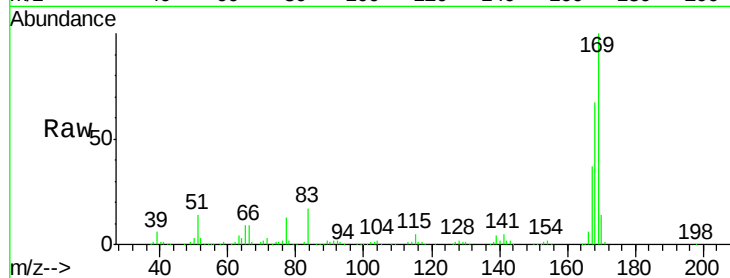
#65
n-Nitrosodiphenylamine
Concen: 34.21 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampleId :
PB93621BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	631320		
168	67.1	54.2	81.4	
167	37.1	30.3	45.5	

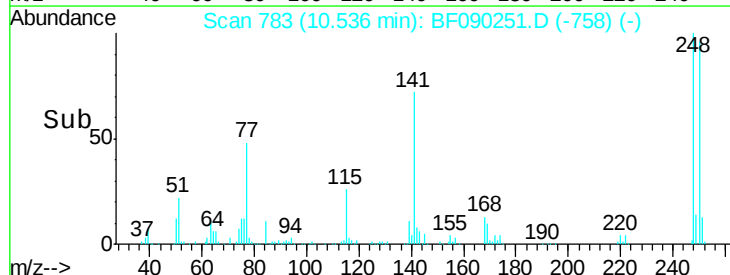
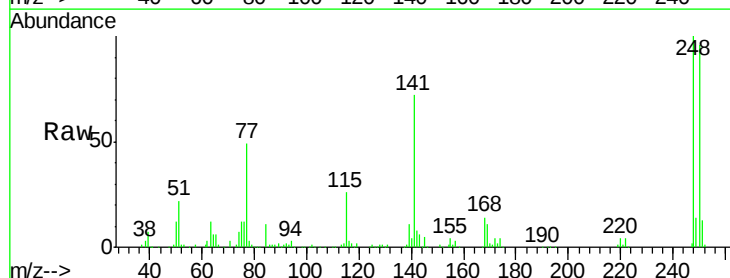
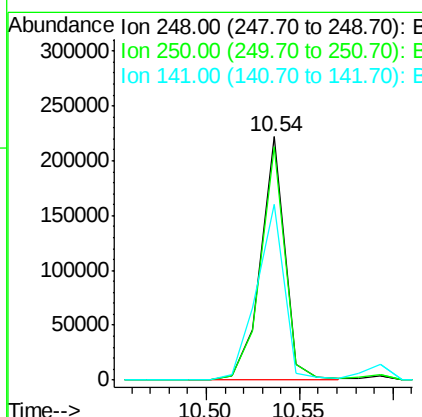
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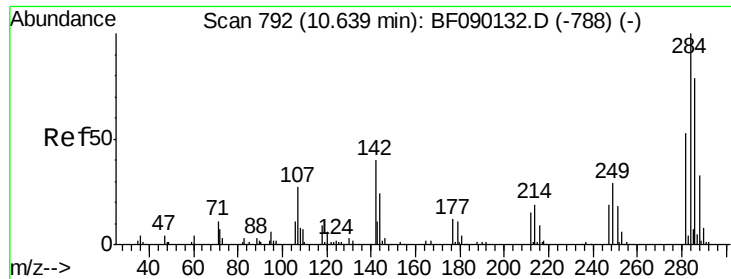
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#66
4-Bromophenyl-phenylether
Concen: 36.30 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	200473		
250	95.9	79.4	119.2	
141	72.0	49.3	73.9	





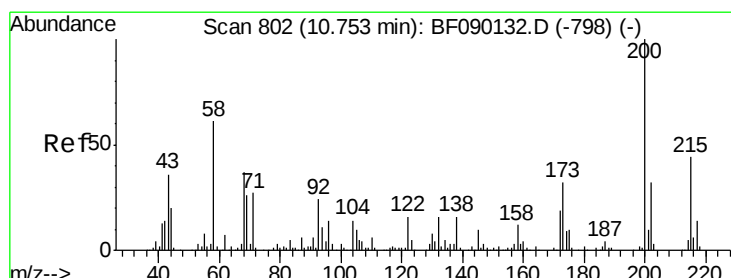
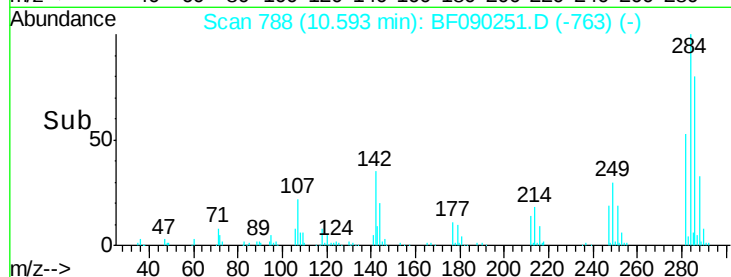
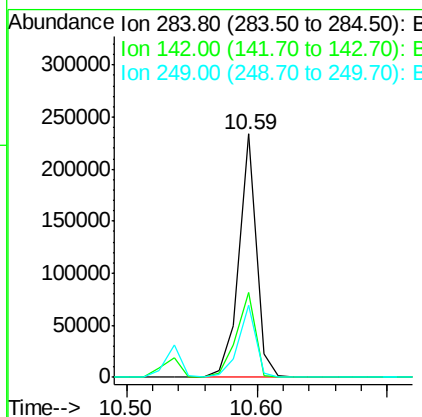
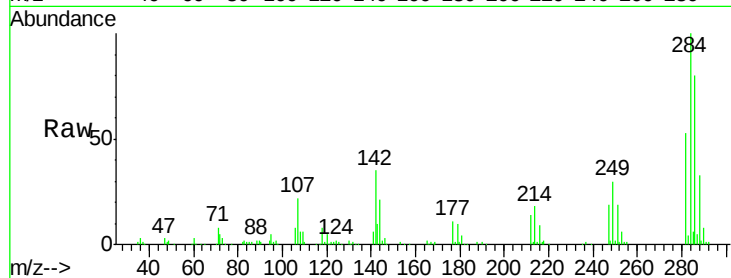
#67
Hexachlorobenzene
Concen: 33.57 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampleId :
PB93621BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	216052		
142	34.7		24.0	36.0
249	29.6		23.8	35.6

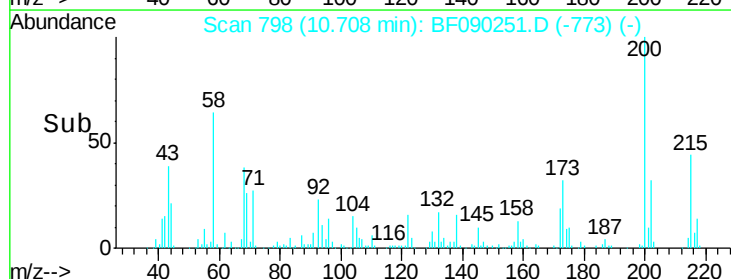
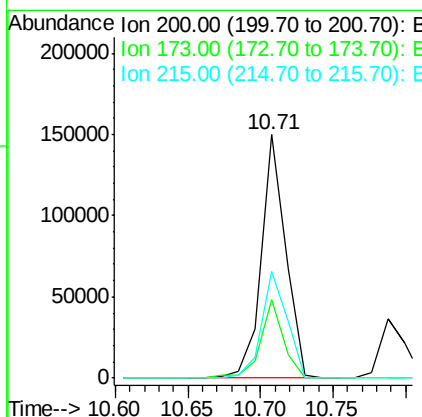
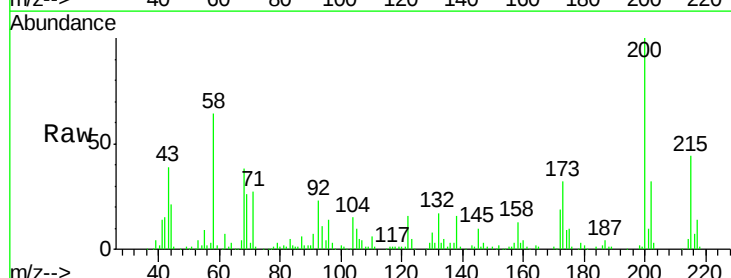
Manual Integrations
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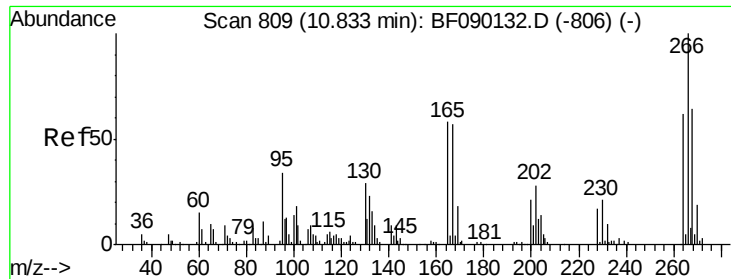
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#68
Atrazine
Concen: 34.61 ng
RT: 10.71 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	175017		
173	32.4		9.3	49.3
215	44.0		26.1	66.1





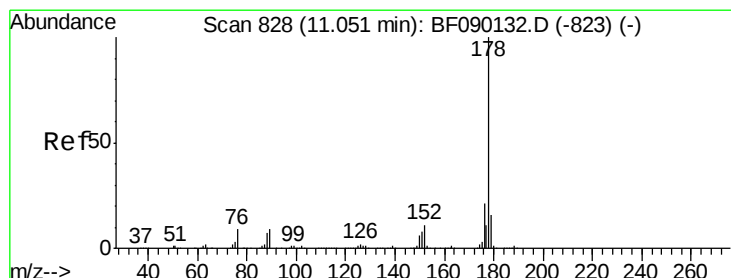
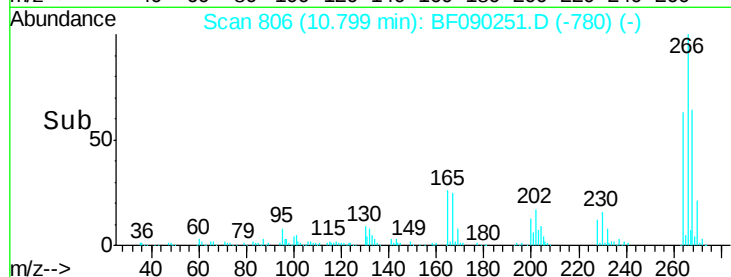
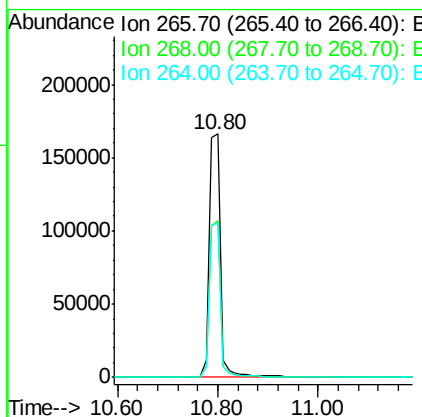
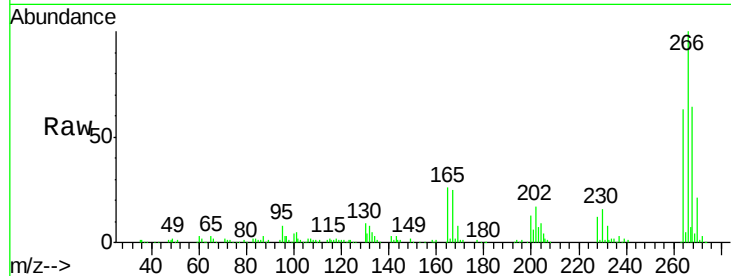
#69
 Pentachlorophenol
 Concen: 70.74 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB93621BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.1	78.1
264	63.0	50.3	75.5

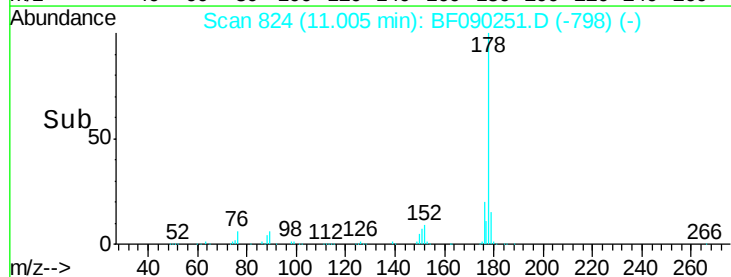
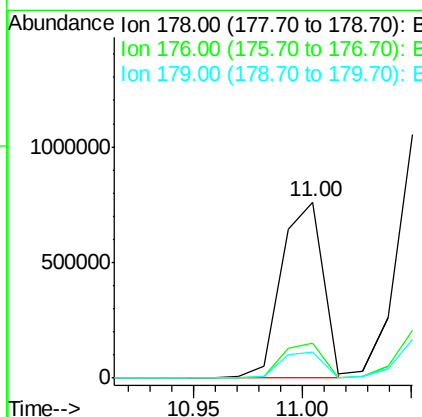
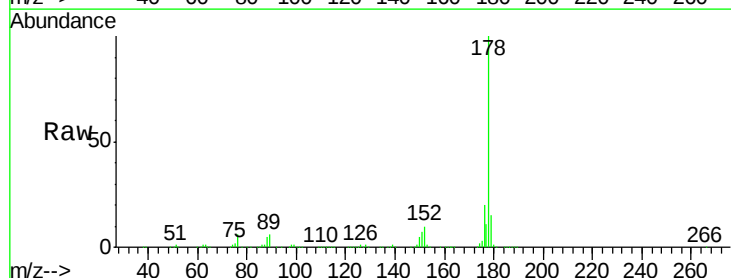
Manual Integrations
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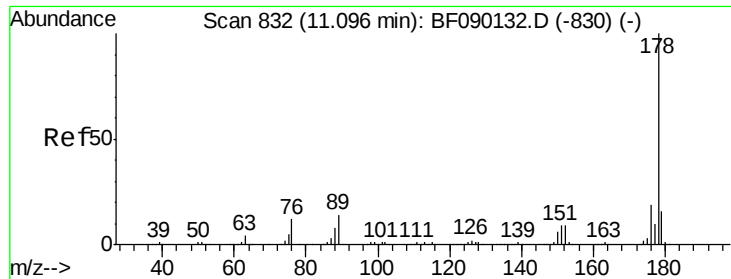
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#70
 Phenanthrene
 Concen: 38.79 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.1	12.9	19.3





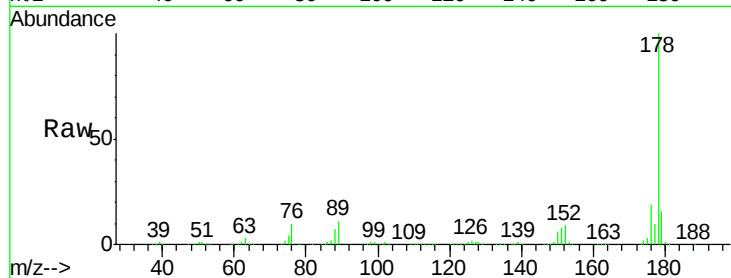
#71
 Anthracene
 Concen: 37.21 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Instrument :
 BNA_F
 ClientSampled :
 PB93621BS

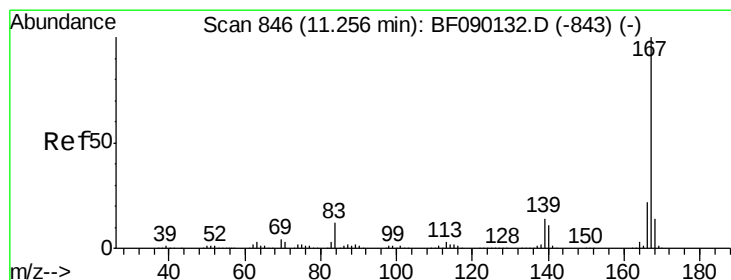
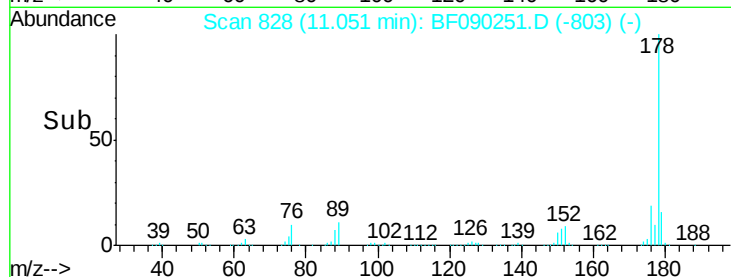
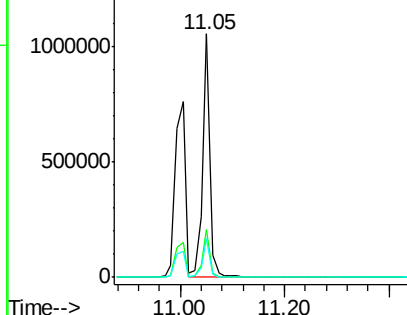
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.8	12.6	19.0

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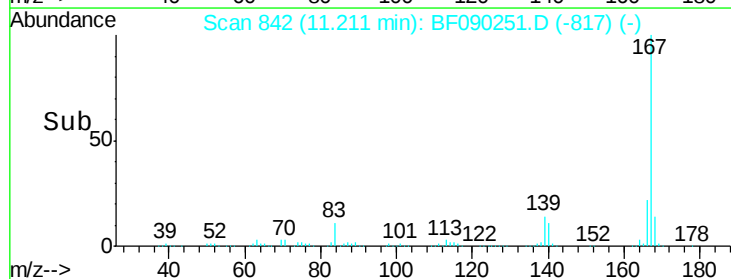
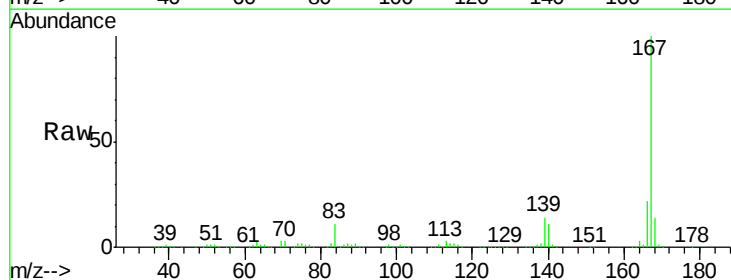
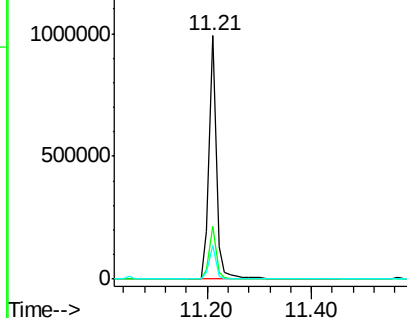
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

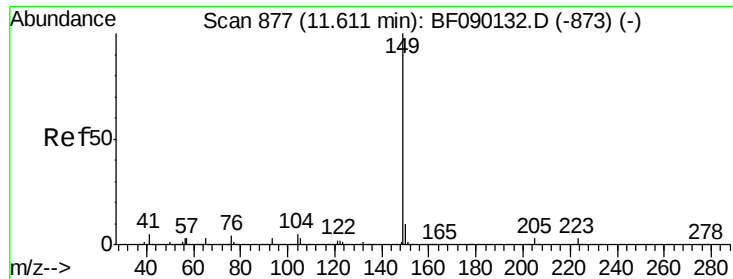


#72
 Carbazole
 Concen: 33.90 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.0	27.0
139	13.9	10.4	15.6

Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.68 ng

RT: 11.56 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

ClientSampleId :

PB93621BS

Tot Ion:149 Resp: 1308843

Ion Ratio Lower Upper

149 100

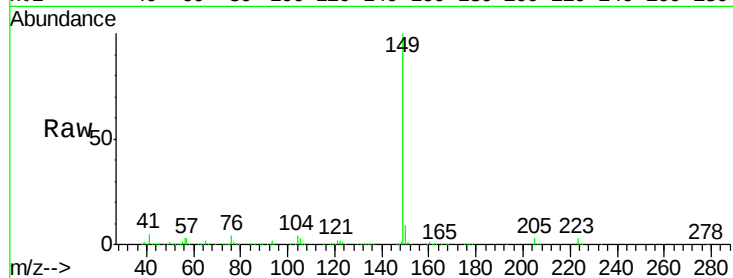
150 9.2 7.8 11.8

104 4.3 3.9 5.9

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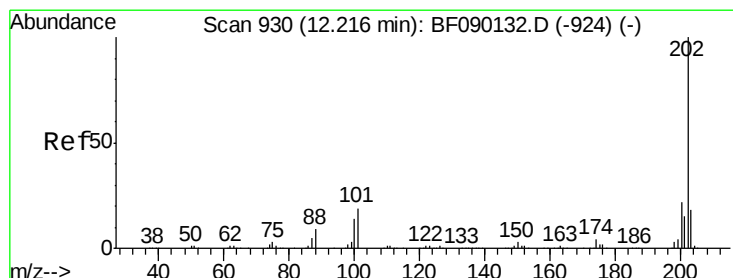
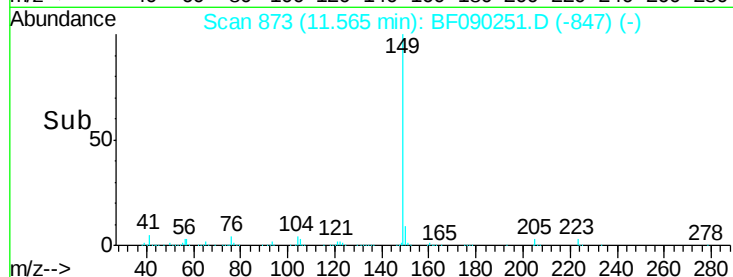
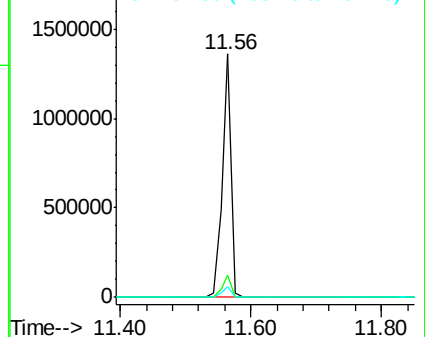
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.79 ng

RT: 12.17 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

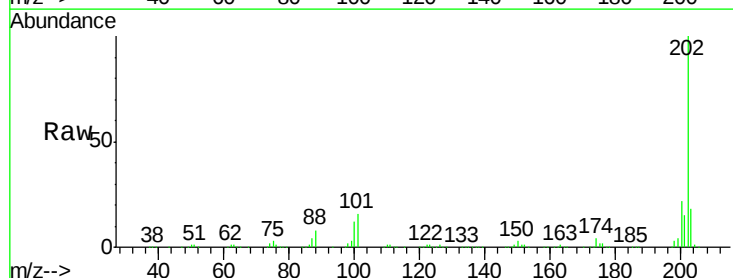
Tgt Ion:202 Resp: 951971

Ion Ratio Lower Upper

202 100

101 16.2 0.0 36.1

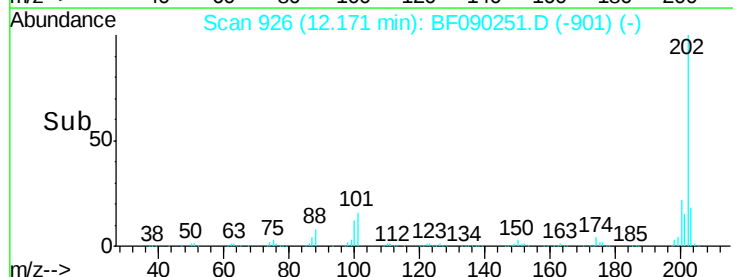
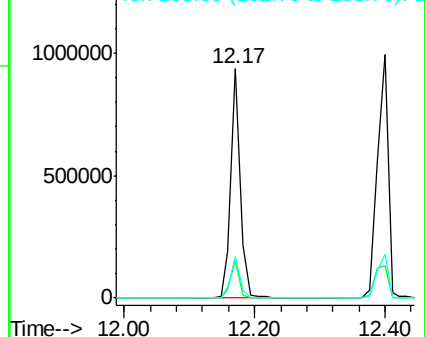
203 18.3 0.0 38.2

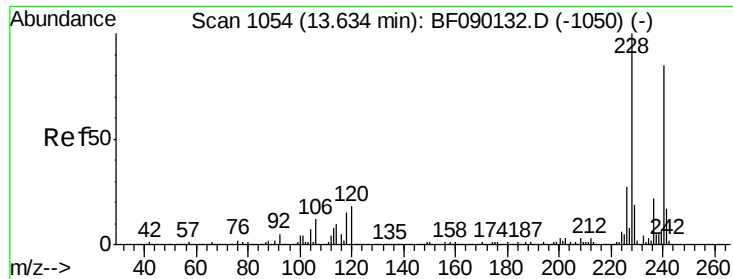


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.59 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

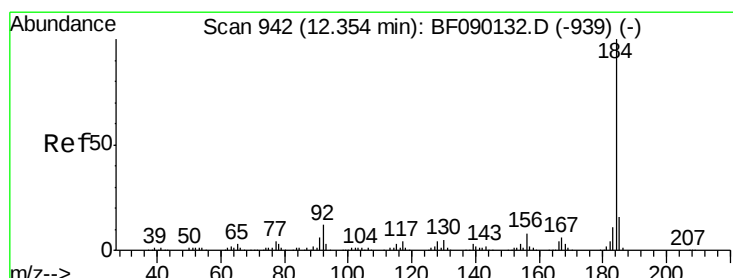
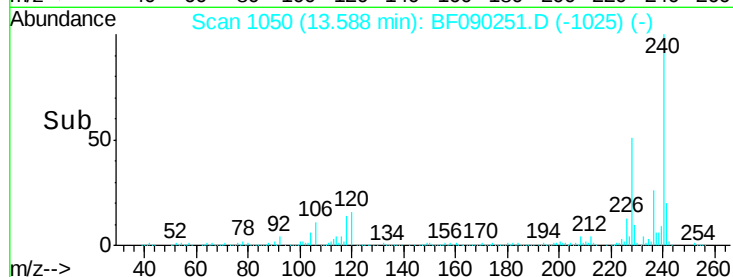
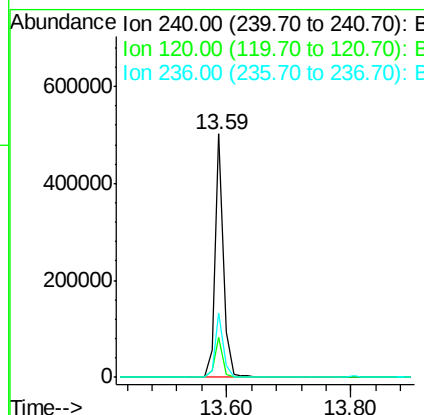
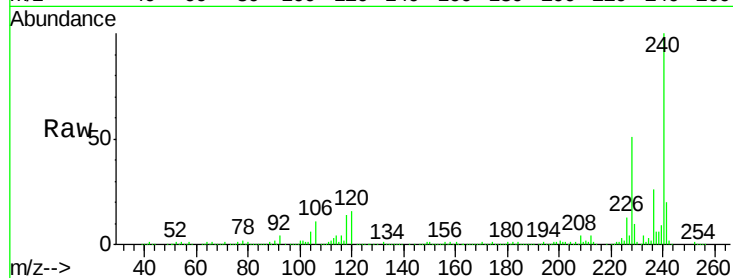
ClientSampleId :

PB93621BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.3	10.6	16.0
236	26.3	21.6	32.4

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#76

Benzidine

Concen: 25.66 ng

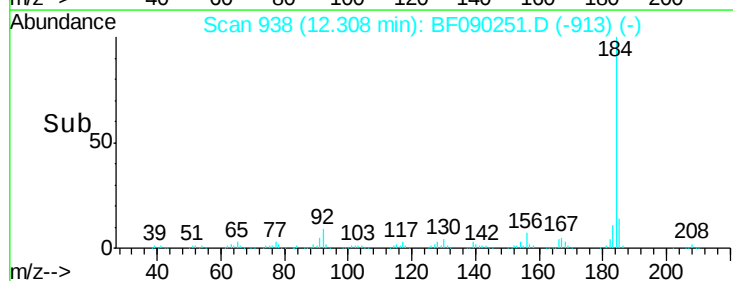
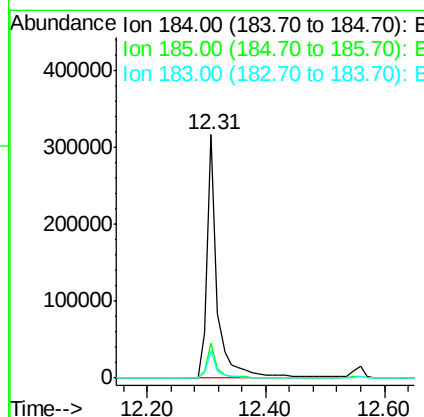
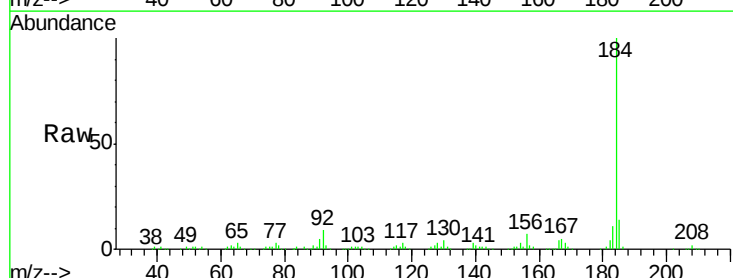
RT: 12.31 min Scan# 938

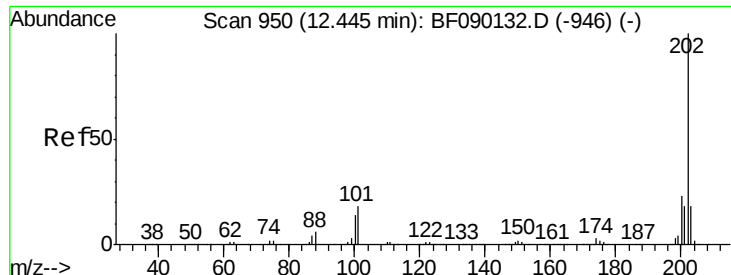
Delta R.T. -0.01 min

Lab File: BF090251.D

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Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.2	19.8
183	11.4	9.2	13.8





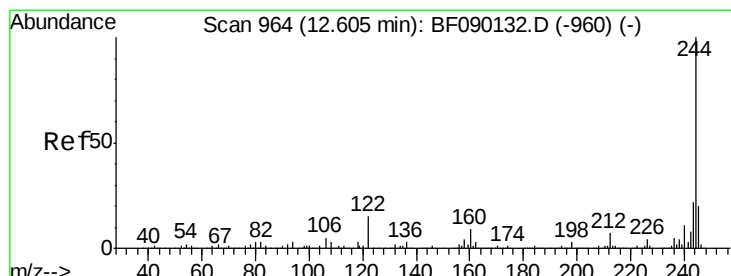
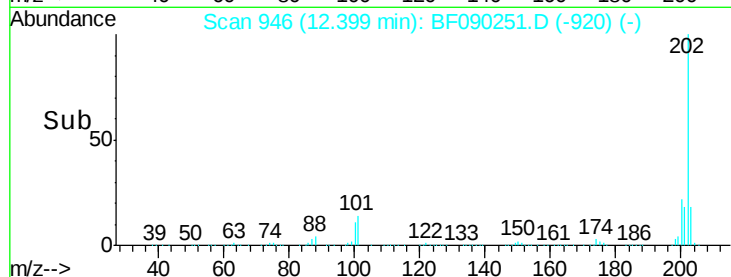
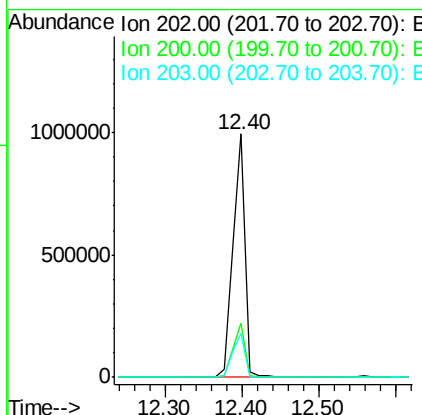
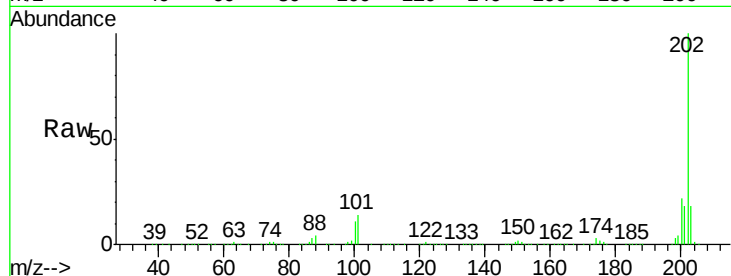
#77
Pvrene
Concen: 35.20 ng
RT: 12.40 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampleId :
PB93621BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.9	26.9
203	17.8	14.2	21.4

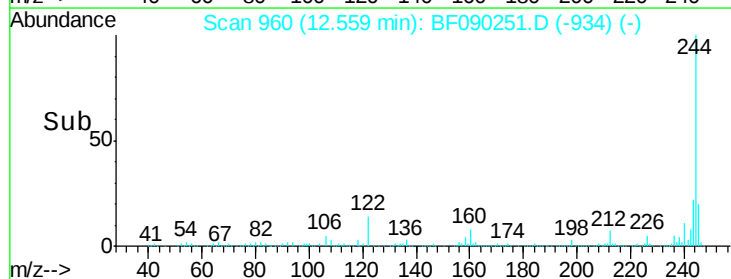
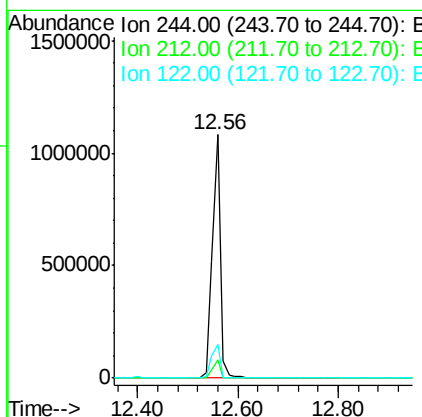
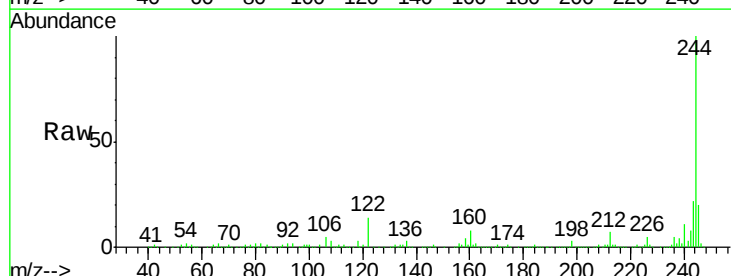
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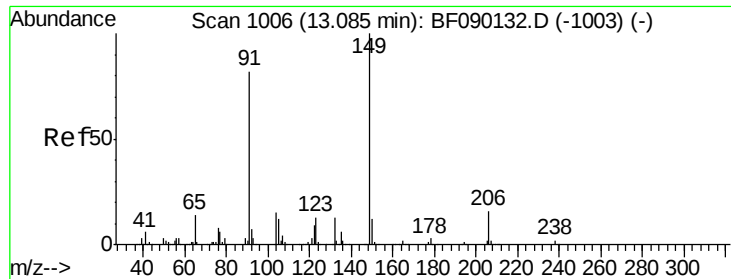
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#78
Terphenyl-d14
Concen: 66.12 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.7	9.4	14.0





#79

Butylbenzylphthalate

Concen: 33.55 ng

RT: 13.04 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

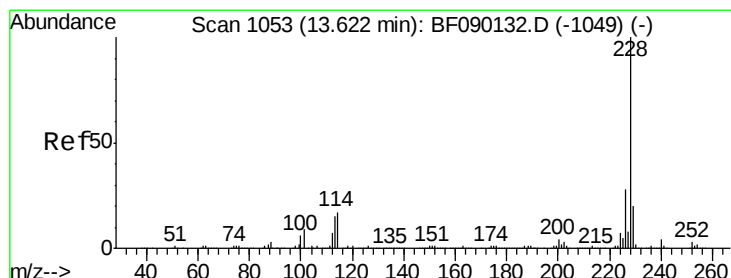
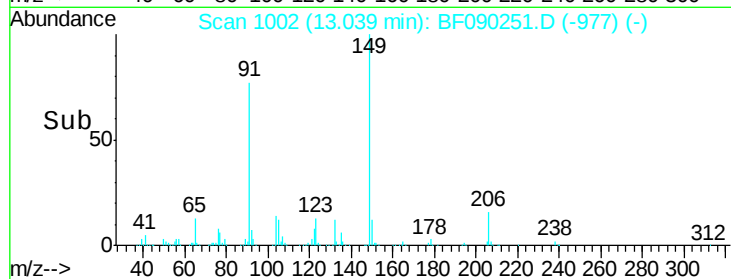
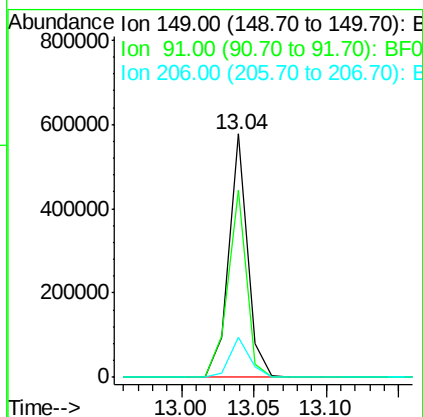
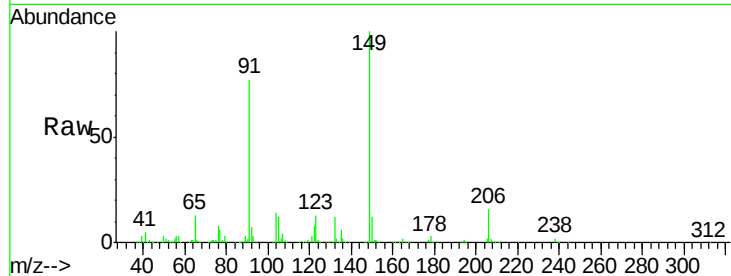
ClientSampleId :

PB93621BS

Tot Ion:	149	Resp:	519948
Ion Ratio	Lower	Upper	
149	100		
91	76.7	49.8	74.6#
206	16.3	16.3	24.5#

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#80

Benzo(a)anthracene

Concen: 36.69 ng

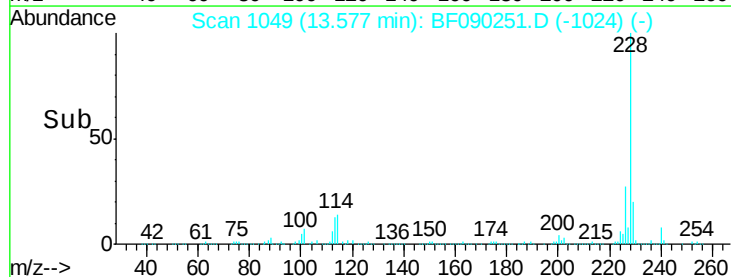
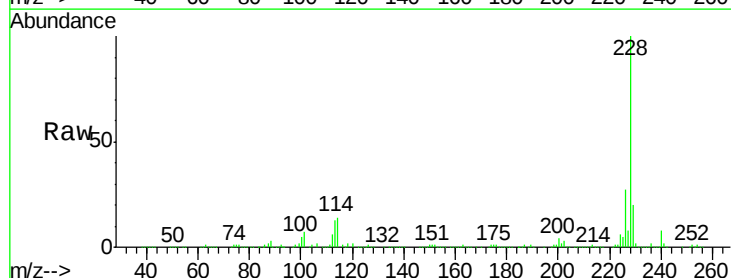
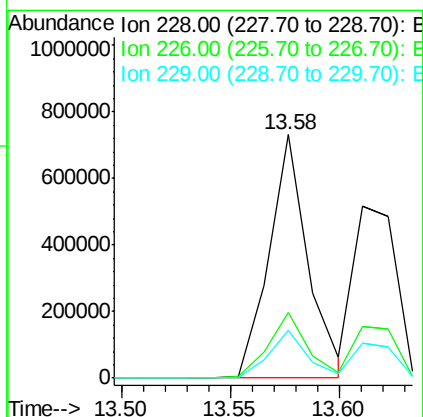
RT: 13.58 min Scan# 1049

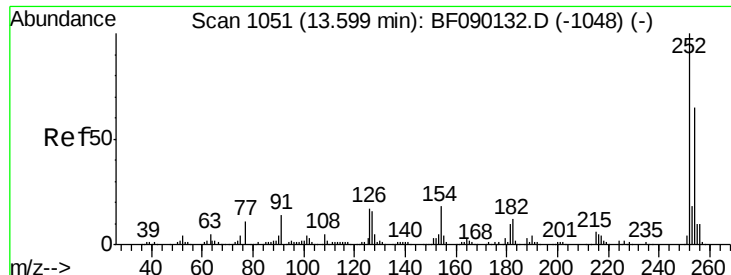
Delta R.T. -0.01 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion:	228	Resp:	914121
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.0	33.0
229	19.7	16.2	24.2





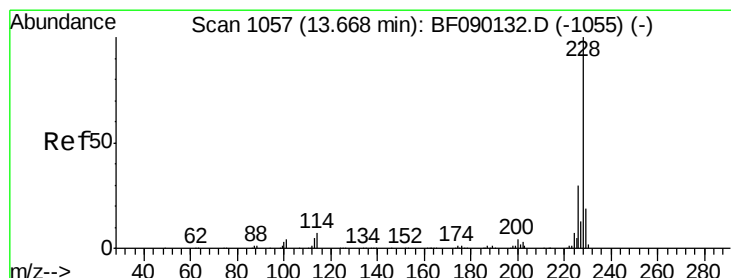
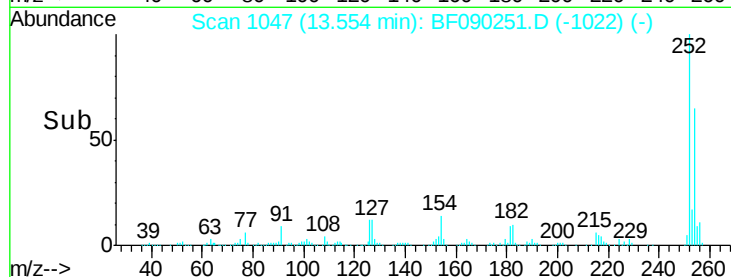
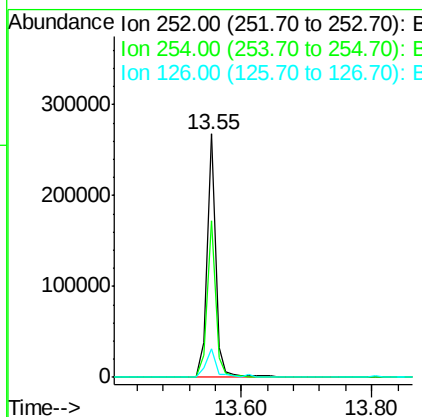
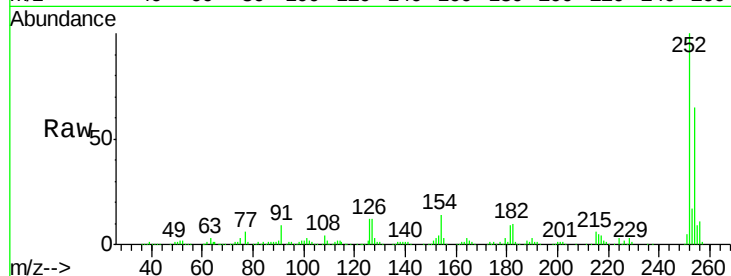
#81
 3,3'-Dichlorobenzidine
 Concen: 24.23 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB93621BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	248886		
254	64.5		50.7	76.1
126	11.8		9.2	13.8

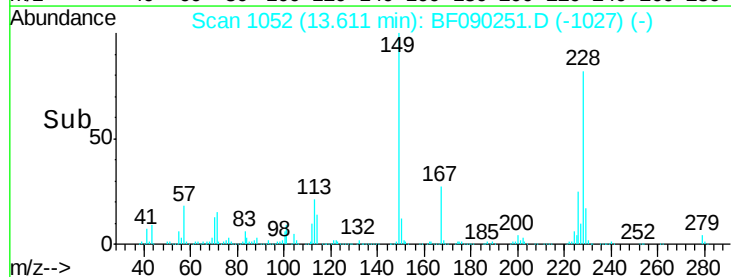
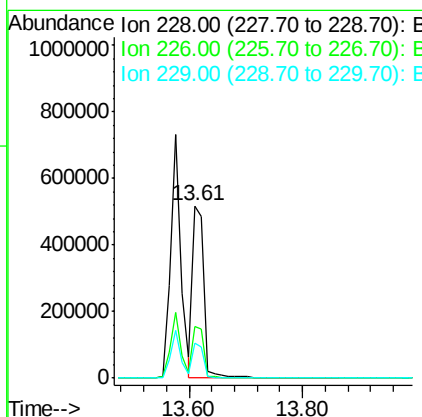
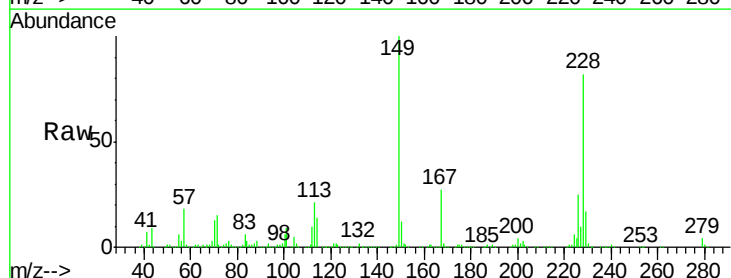
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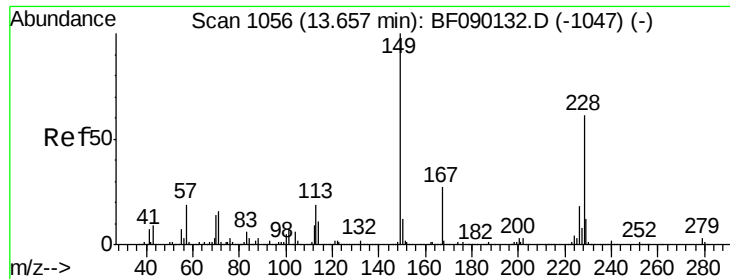
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#82
 Chrysene
 Concen: 30.39 ng
 RT: 13.61 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	737433		
226	30.1		24.6	37.0
229	20.1		16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.99 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

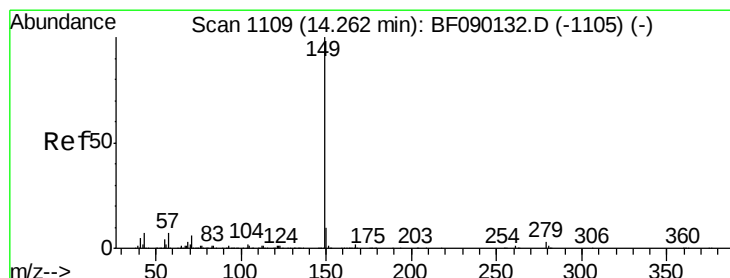
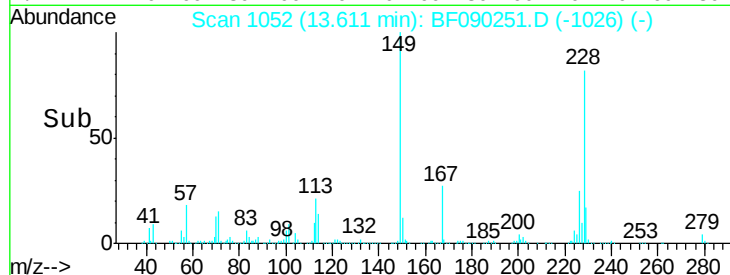
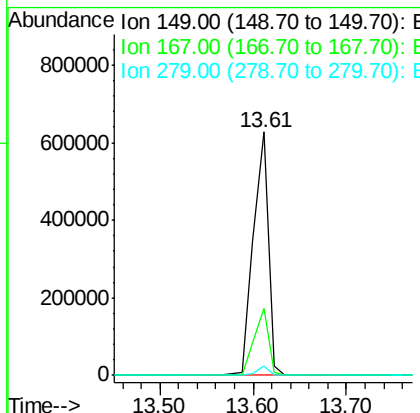
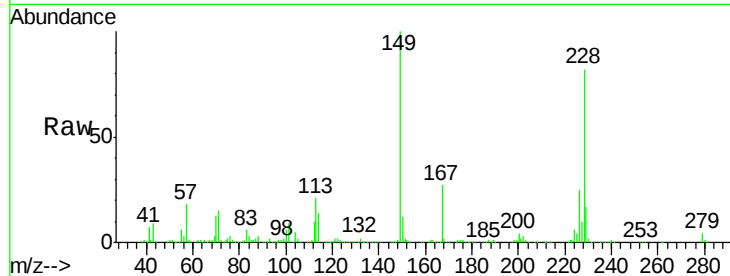
ClientSampleId :

PB93621BS

Tot Ion:	149	Resp:	693903
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.2	31.8
279	3.8	2.2	3.2#

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#84

Di-n-octyl phthalate

Concen: 38.38 ng

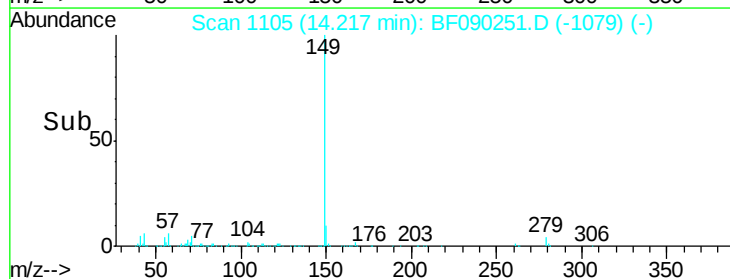
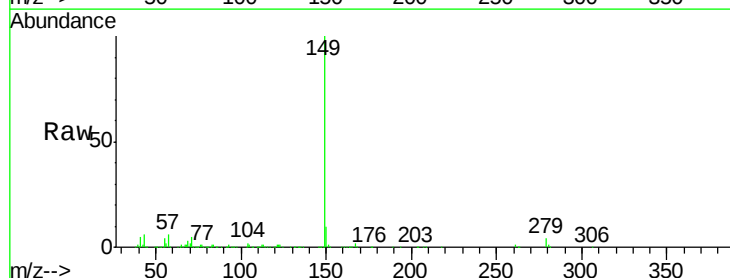
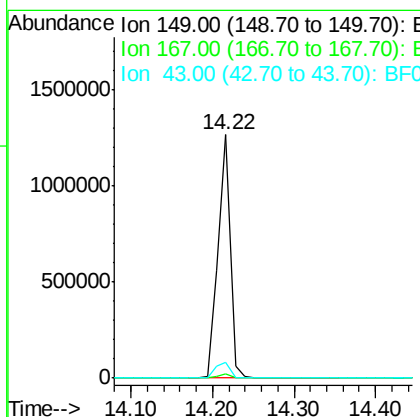
RT: 14.22 min Scan# 1105

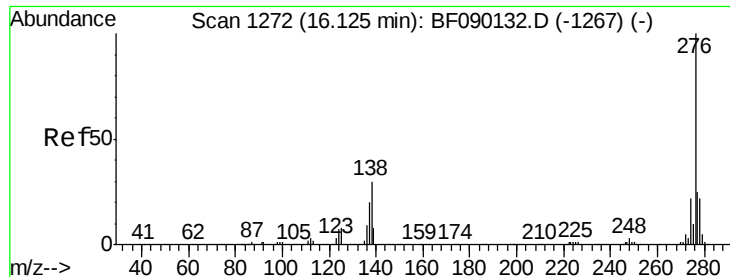
Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion:	149	Resp:	1311339
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.7	6.8	10.2





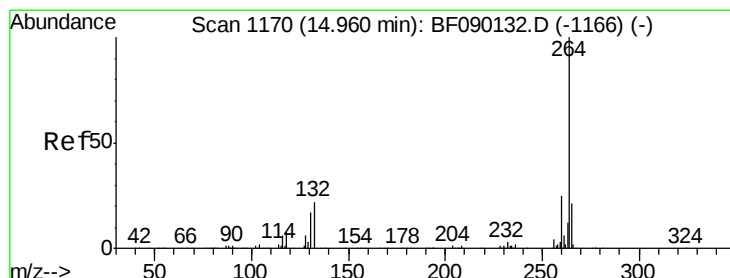
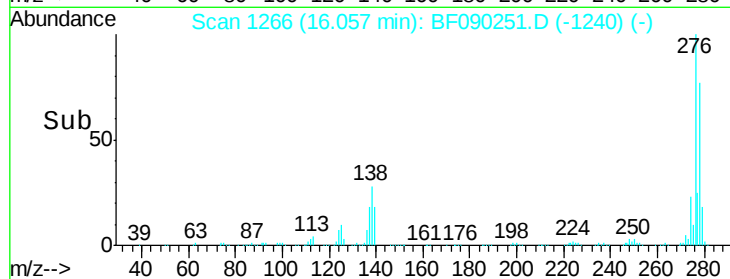
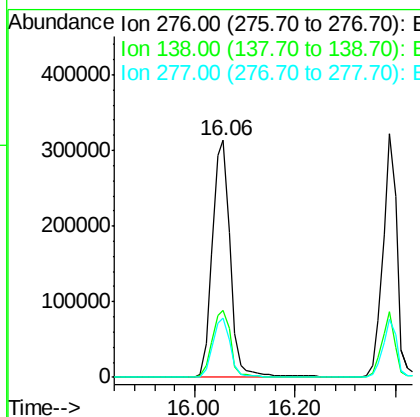
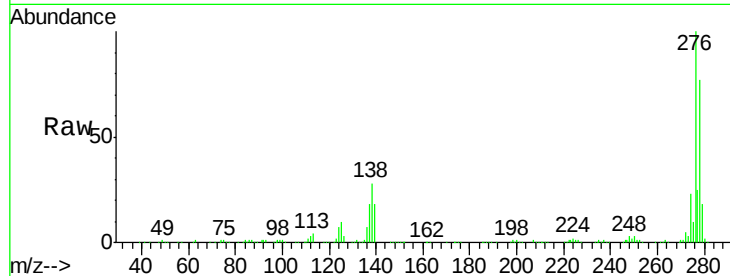
#85
Indeno(1,2,3-cd)pyrene
Concen: 39.69 ng
RT: 16.06 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampleId :
PB93621BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.9	38.9
277	24.8	19.9	29.9

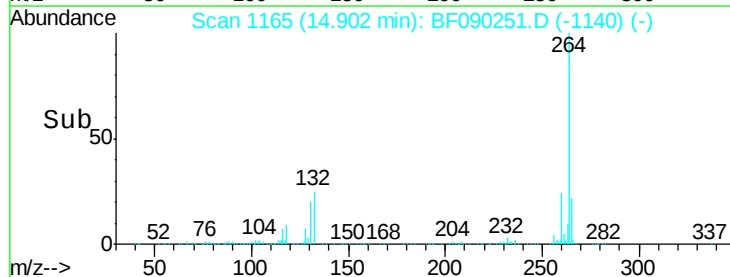
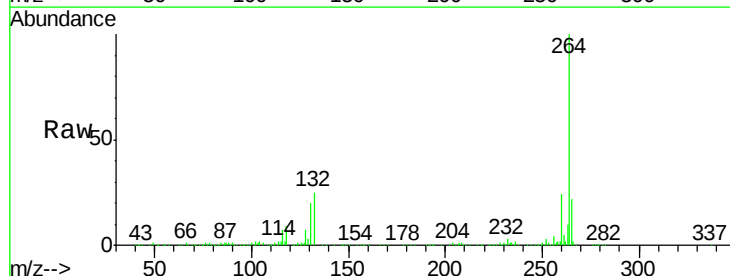
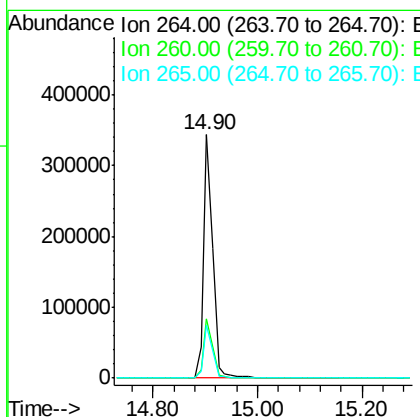
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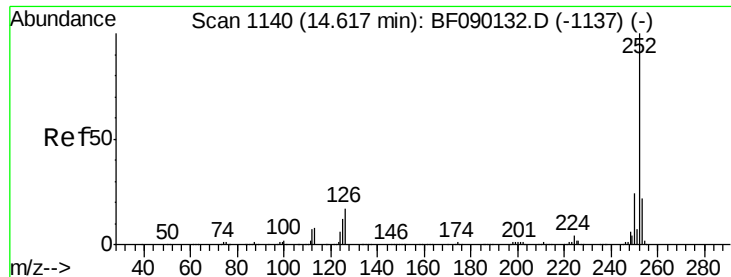
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#86
Perylene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.6	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 40.55 ng m

RT: 14.57 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Instrument :

BNA_F

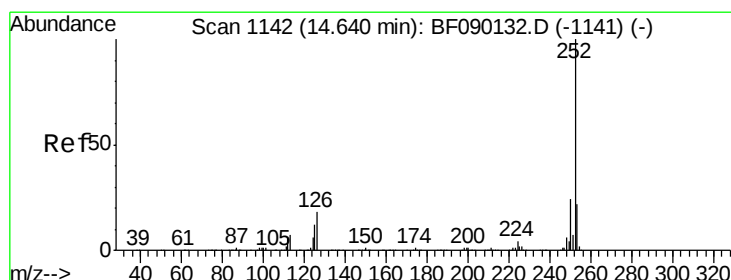
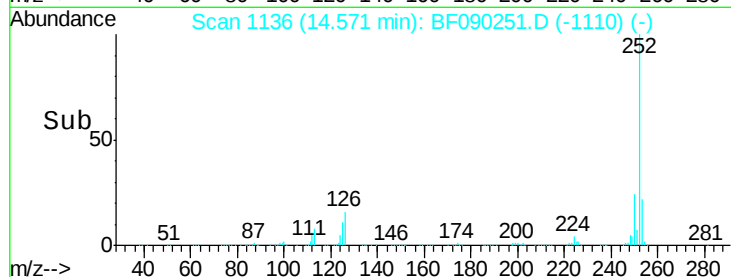
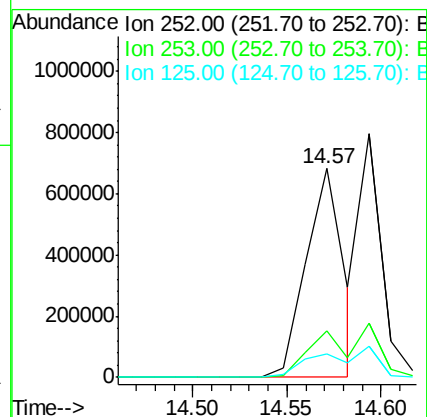
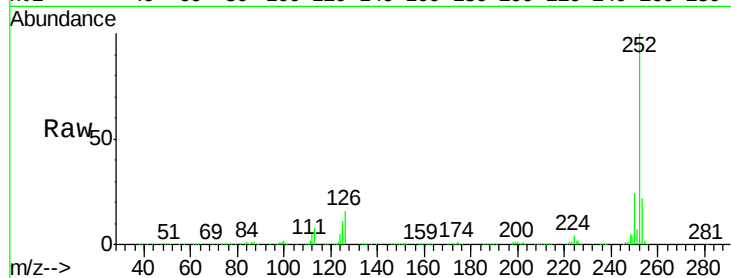
ClientSampled :

PB93621BS

Tot Ion:	252	Resp:	941568
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	11.1	12.7	19.1#

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#88

Benzo(k)fluoranthene

Concen: 30.80 ng m

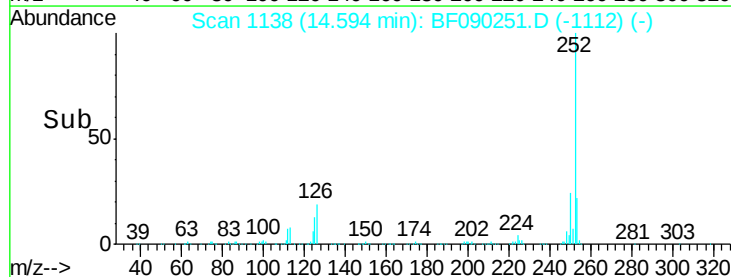
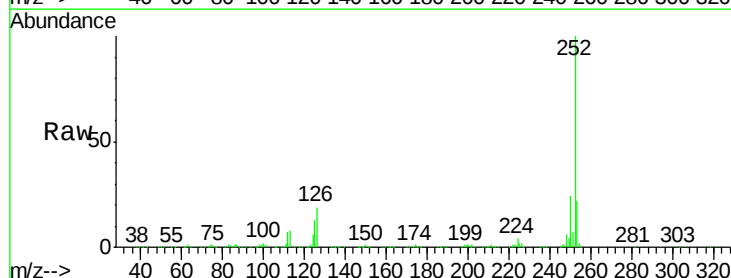
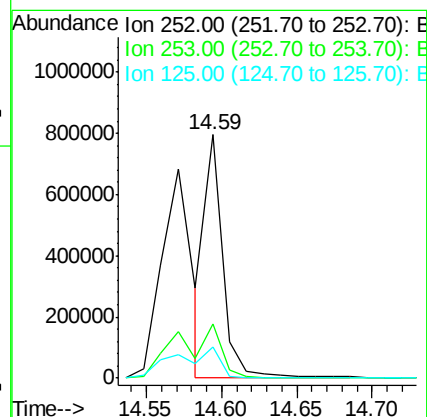
RT: 14.59 min Scan# 1138

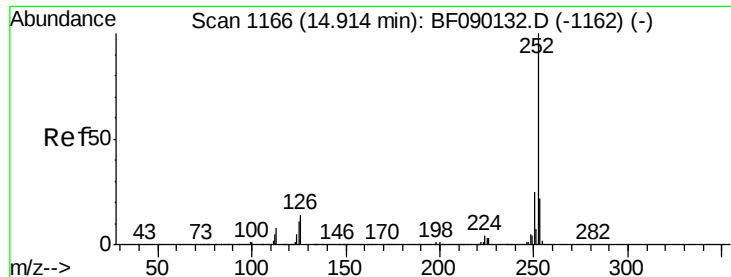
Delta R.T. -0.00 min

Lab File: BF090251.D

Acq: 27 Sep 2016 14:37

Tgt Ion:	252	Resp:	671211
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.8
125	12.6	7.8	11.6#





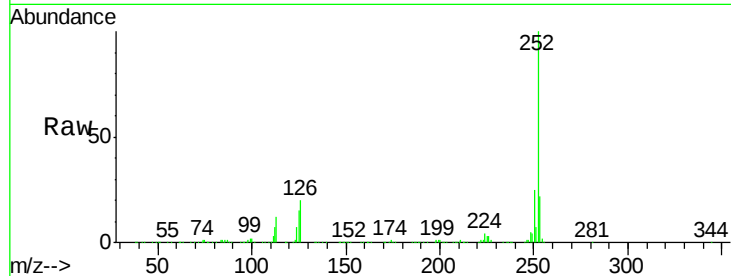
#89
Benzo(a)pyrene
Concen: 35.02 ng
RT: 14.86 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Instrument :
BNA_F
ClientSampleId :
PB93621BS

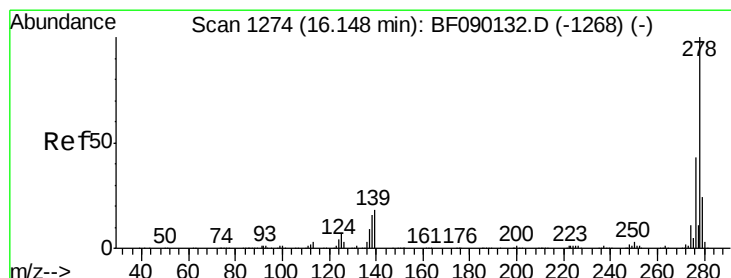
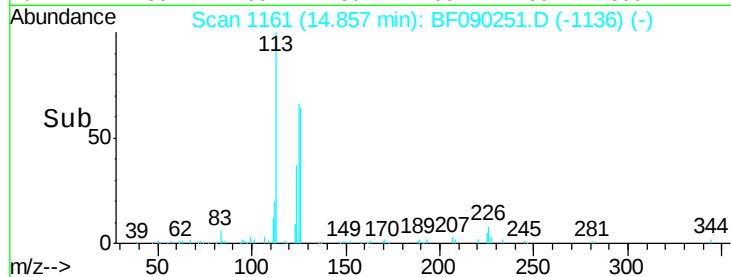
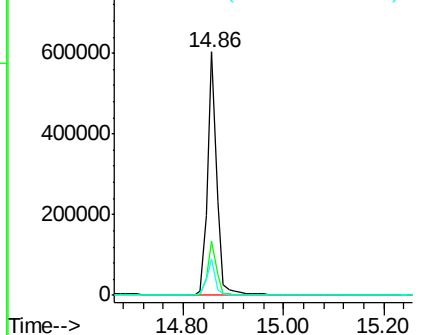
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	14.8	7.7	11.5

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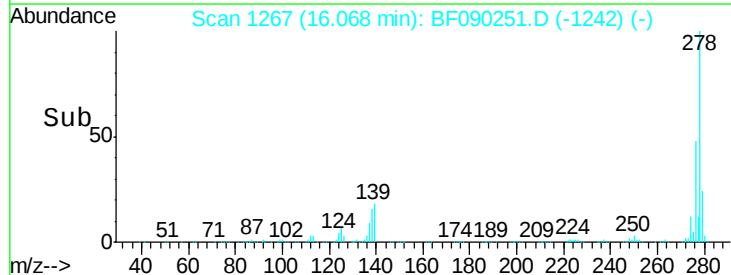
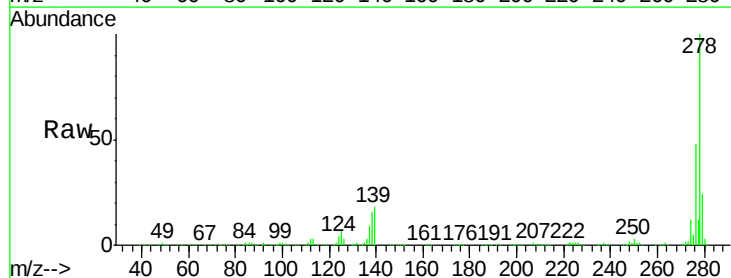
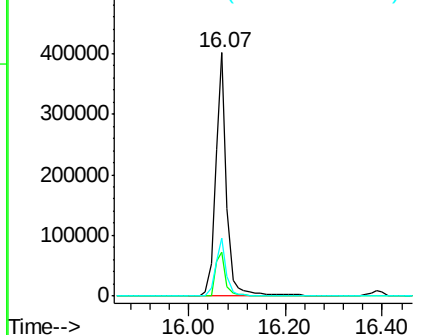
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

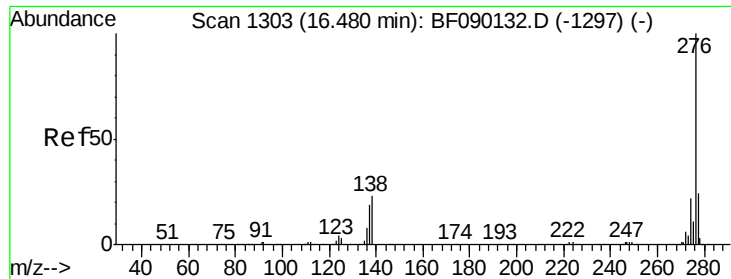


#90
Dibenzo(a,h)anthracene
Concen: 37.90 ng
RT: 16.07 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF090251.D
Acq: 27 Sep 2016 14:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.6	21.8
279	24.1	18.8	28.2

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 37.61 ng
 RT: 16.39 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF090251.D
 Acq: 27 Sep 2016 14:37

Instrument :
 BNA_F
 ClientSampleId :
 PB93621BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	26.8	23.3	34.9

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