

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
 Data File : BF090219.D
 Acq On : 26 Sep 2016 14:19
 Operator : UM/SJ
 Sample : PB93609BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93609BS

Manual Integrations
 APPROVED

sohil
 9/27/2016 1:06:52 PM

Quant Time: Sep 27 04:35:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	136841	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	554543	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	294586	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	476318	20.00	ng	0.00
75) Chrysene-d12	13.60	240	367410	20.00	ng	0.00
86) Perylene-d12	14.91	264	317221	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	858447	102.25	ng	0.02
7) Phenol-d6	6.15	99	1179878	113.80	ng	0.01
23) Nitrobenzene-d5	7.05	82	635744	66.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	253614	100.35	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1205110	80.31	ng	-0.01
78) Terphenyl-d14	12.56	244	1030197	71.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.93	88	111930	24.57	ng	96
3) Pyridine	2.51	79	334279m	33.84	ng	
4) n-Nitrosodimethylamine	2.47	42	88823	30.13	ng	96
6) Aniline	6.14	93	293432	22.71	ng	# 75
8) 2-Chlorophenol	6.26	128	319182	33.04	ng	92
9) Benzaldehyde	6.01	77	157313	34.82	ng	95
10) Phenol	6.16	94	368523	30.07	ng	# 59
11) bis(2-Chloroethyl)ether	6.23	93	308030	32.23	ng	97
12) 1,3-Dichlorobenzene	6.41	146	329614	32.66	ng	# 95
13) 1,4-Dichlorobenzene	6.50	146	328759	31.91	ng	95
14) 1,2-Dichlorobenzene	6.65	146	324812m	35.39	ng	
15) Benzyl Alcohol	6.64	79	237960	38.49	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.78	45	366946	32.13	ng	94
17) 2-Methylphenol	6.76	107	267606	35.17	ng	98
18) Hexachloroethane	6.99	117	126709	34.48	ng	# 87
19) n-Nitroso-di-n-propylamine	6.91	70	215746	35.42	ng	97
20) 3+4-Methylphenols	6.92	107	347063	37.99	ng	97
22) Acetophenone	6.90	105	439911	32.90	ng	# 98
24) Nitrobenzene	7.07	77	343277	34.44	ng	# 89
25) Isophorone	7.31	82	628938	31.47	ng	98
26) 2-Nitrophenol	7.39	139	180489	36.77	ng	# 88
27) 2,4-Dimethylphenol	7.45	122	306155	35.11	ng	100
28) bis(2-Chloroethoxy)methane	7.54	93	410884	33.99	ng	99
29) 2,4-Dichlorophenol	7.63	162	257640	33.68	ng	87
30) 1,2,4-Trichlorobenzene	7.71	180	254504	33.31	ng	99
31) Naphthalene	7.79	128	952195	36.06	ng	99
32) Benzoic acid	7.60	122	174807	29.20	ng	# 83
33) 4-Chloroaniline	7.85	127	190827	17.42	ng	96
34) Hexachlorobutadiene	7.92	225	140941	34.97	ng	98
35) Caprolactam	8.23	113	92556m	36.56	ng	
36) 4-Chloro-3-methylphenol	8.35	107	308508	35.69	ng	91
37) 2-Methylnaphthalene	8.48	142	557101	33.93	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	233697	34.56	ng	99
40) Hexachlorocyclopentadiene	8.64	237	241877	72.49	ng	98

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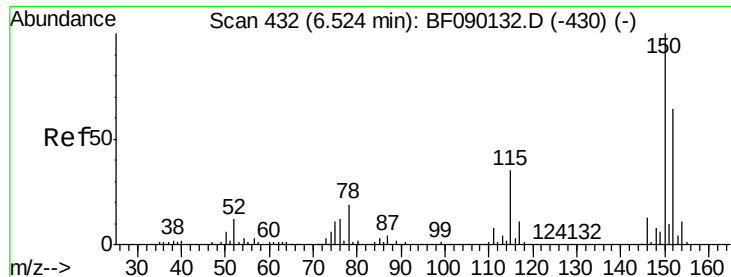
Manual Integrations
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Quant Time: Sep 27 04:35:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	165385	34.32	nq	99
43) 2,4,5-Trichlorophenol	8.81	196	181711	36.42	nq	99
45) 1,1'-Biphenyl	8.95	154	738839	35.06	nq	97
46) 2-Chloronaphthalene	8.96	162	547714	35.23	nq	97
47) 2-Nitroaniline	9.06	65	161496	34.45	nq	# 78
48) Acenaphthylene	9.37	152	828288	32.80	nq	99
49) Dimethylphthalate	9.26	163	631010	33.63	nq	98
50) 2,6-Dinitrotoluene	9.31	165	136618	32.67	nq	94
51) Acenaphthene	9.54	154	492447	32.86	nq	99
52) 3-Nitroaniline	9.47	138	96847	19.75	nq	83
53) 2,4-Dinitrophenol	9.59	184	142265	61.57	nq	# 92
54) Dibenzofuran	9.71	168	725197	36.77	nq	94
55) 4-Nitrophenol	9.67	139	244836	72.89	nq	98
56) 2,4-Dinitrotoluene	9.71	165	167643	33.90	nq	96
57) Fluorene	10.06	166	558267	37.56	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.84	232	139612	37.38	nq	98
59) Diethylphthalate	9.95	149	606929	33.49	nq	100
60) 4-Chlorophenyl-phenylether	10.06	204	236944	34.96	nq	93
61) 4-Nitroaniline	10.09	138	163006	32.62	nq	93
62) Azobenzene	10.22	77	741163	39.29	nq	95
64) 4,6-Dinitro-2-methylphenol	10.12	198	100997	33.85	nq	90
65) n-Nitrosodiphenylamine	10.18	169	575768	36.76	nq	100
66) 4-Bromophenyl-phenylether	10.54	248	157373	33.58	nq	# 74
67) Hexachlorobenzene	10.60	284	187914	34.40	nq	# 82
68) Atrazine	10.72	200	171477	39.95	nq	98
69) Pentachlorophenol	10.80	266	201890	65.11	nq	100
70) Phenanthrene	11.00	178	849908	38.15	nq	99
71) Anthracene	11.05	178	859864	36.80	nq	98
72) Carbazole	11.22	167	852654	34.52	nq	96
73) Di-n-butylphthalate	11.56	149	996980	34.71	nq	99
74) Fluoranthene	12.18	202	913151	38.19	nq	92
76) Benzidine	12.31	184	370906	30.16	nq	97
77) Pyrene	12.40	202	815498	32.44	nq	99
79) Butylbenzylphthalate	13.05	149	466333	37.92	nq	93
80) Benzo(a)anthracene	13.59	228	742134	37.54	nq	99
81) 3,3'-Dichlorobenzidine	13.55	252	184165	22.59	nq	# 97
82) Chrysene	13.62	228	683848	35.52	nq	99
83) Bis(2-ethylhexyl)phthalate	13.61	149	569017	36.16	nq	99
84) Di-n-octyl phthalate	14.22	149	1034982	38.18	nq	99
85) Indeno(1,2,3-cd)pyrene	16.06	276	606052	38.93	nq	97
87) Benzo(b)fluoranthene	14.57	252	607183m	34.57	nq	
88) Benzo(k)fluoranthene	14.59	252	593585m	36.01	nq	
89) Benzo(a)pyrene	14.87	252	577533	34.95	nq	98
90) Dibenzo(a,h)anthracene	16.07	278	512923	39.78	nq	96
91) Benzo(g,h,i)perylene	16.40	276	516426	40.92	nq	96

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



#1

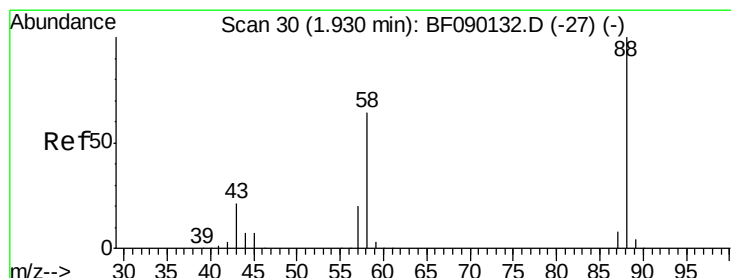
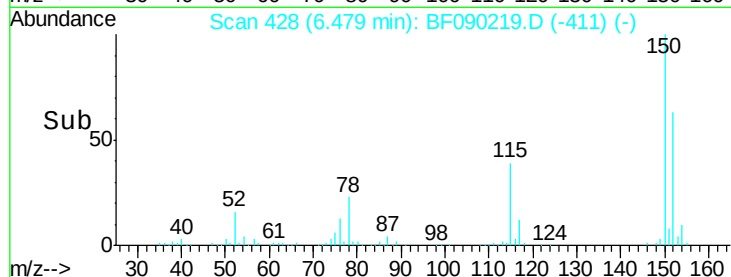
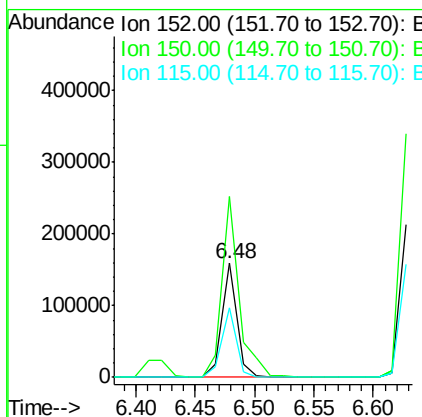
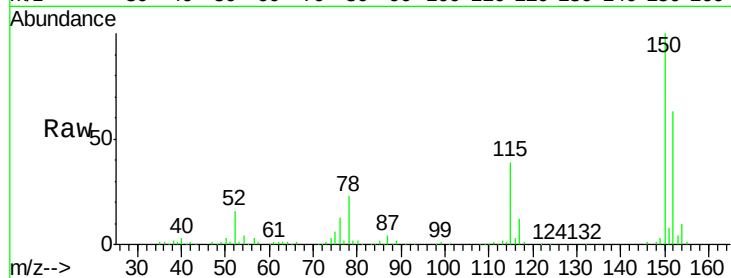
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampled :
PB93609BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	128.9	193.3
115	61.0	55.5	83.3

Manual Integrations
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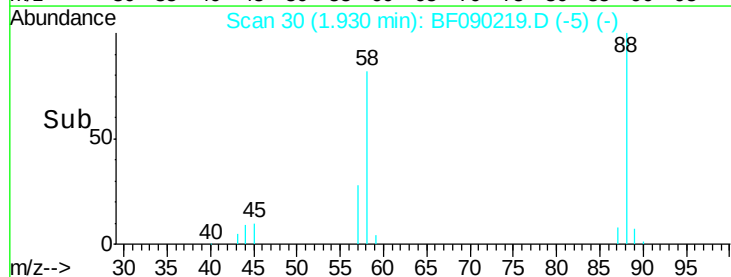
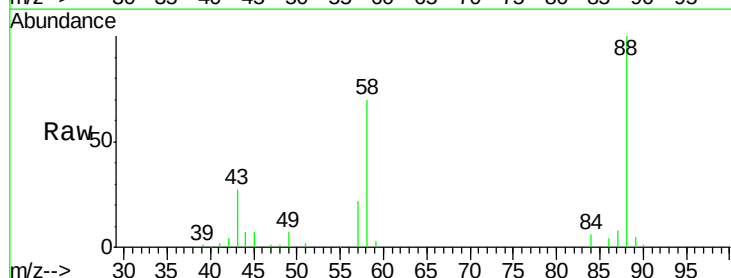
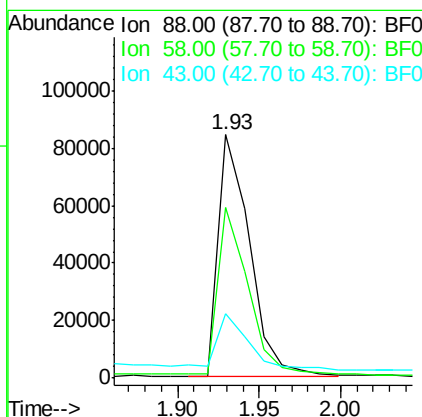
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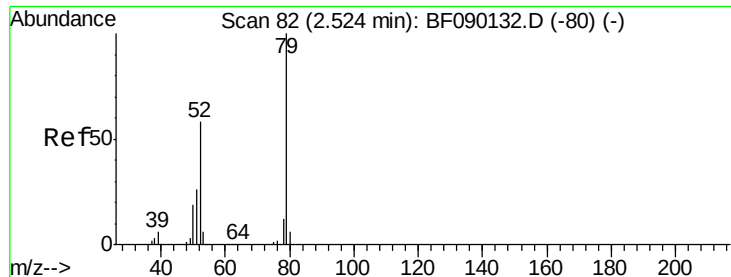


#2

1,4-Dioxane
Concen: 24.57 ng
RT: 1.93 min Scan# 30
Delta R.T. 0.09 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.7	53.4	80.0
43	24.2	16.5	24.7





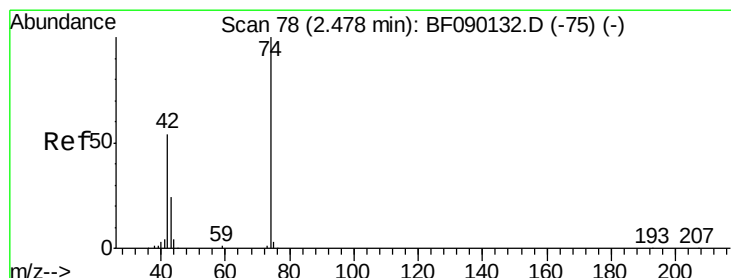
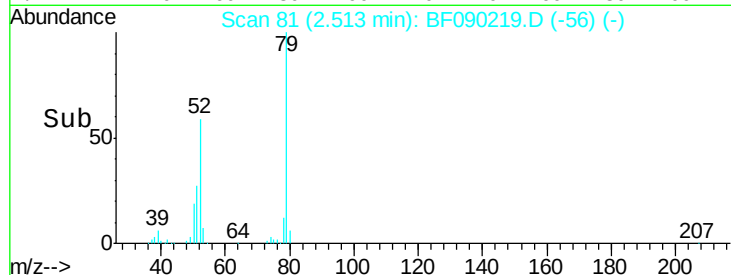
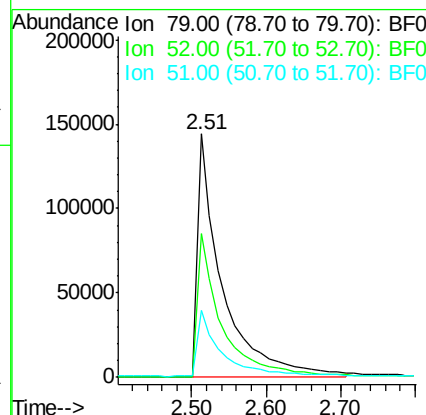
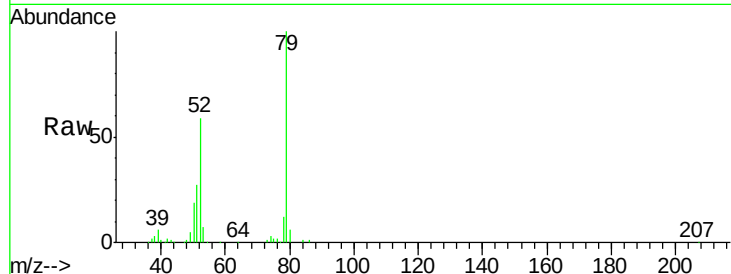
#3
 Pvrindine
 Concen: 33.84 ng/ml
 RT: 2.51 min Scan# 81
 Delta R.T. 0.09 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB93609BS

Tot Ion:	79	Resp:	334279
Ion	Ratio	Lower	Upper
79	100		
52	58.8	45.9	68.9
51	27.4	21.3	31.9

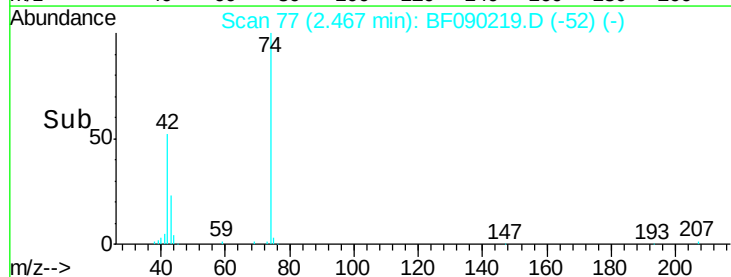
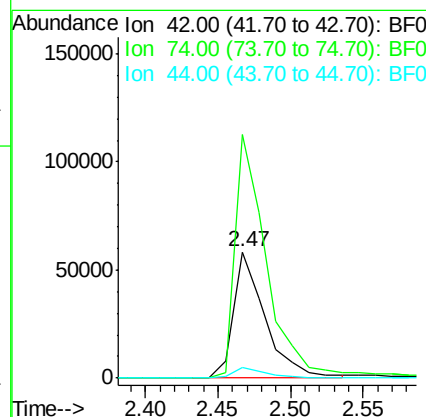
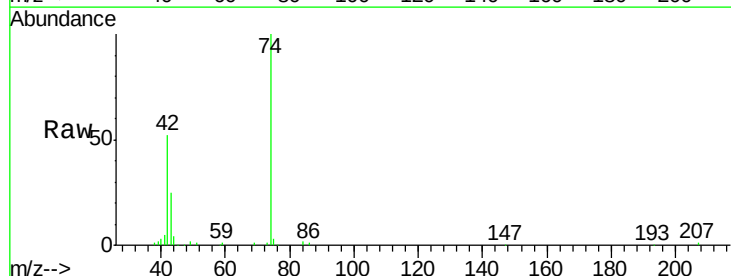
Manual Integrations
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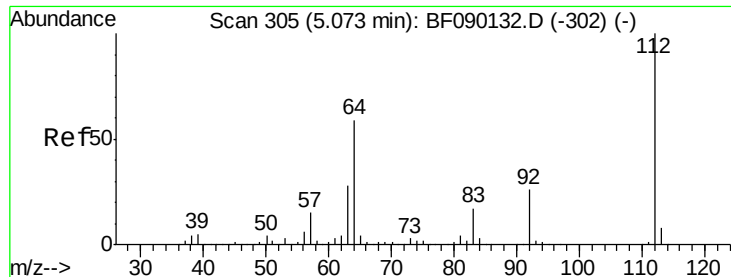
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#4
 n-Nitrosodimethylamine
 Concen: 30.13 ng/ml
 RT: 2.47 min Scan# 77
 Delta R.T. 0.09 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Tgt Ion:	42	Resp:	88823
Ion	Ratio	Lower	Upper
42	100		
74	192.8	158.7	238.1
44	8.0	6.4	9.6





#5

2-Fluorophenol

Concen: 102.25 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

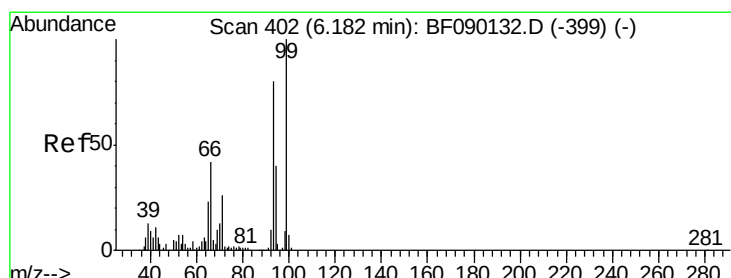
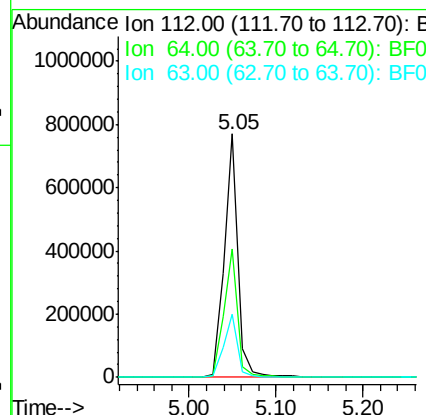
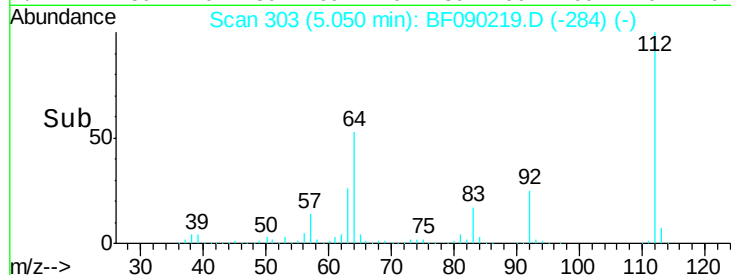
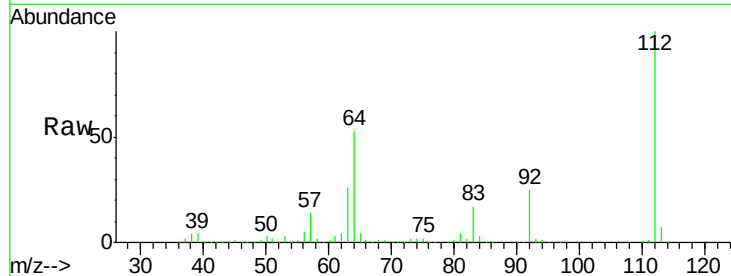
ClientSampled :

PB93609BS

Tot Ion:	112	Resp:	858447
Ion Ratio	Lower	Upper	
112	100		
64	52.9	39.8	59.6
63	25.8	18.9	28.3

Manual Integrations
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#6

Aniline

Concen: 22.71 ng

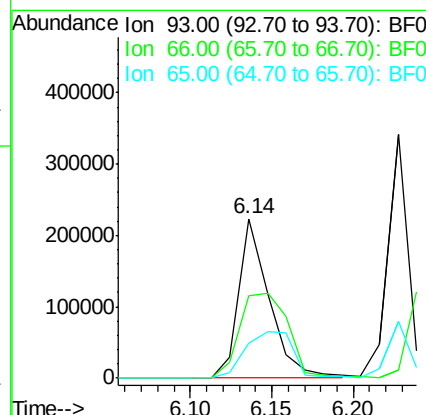
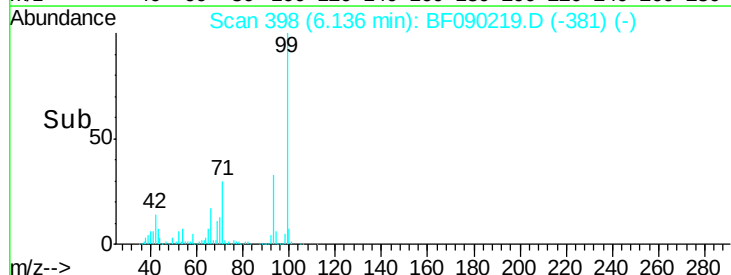
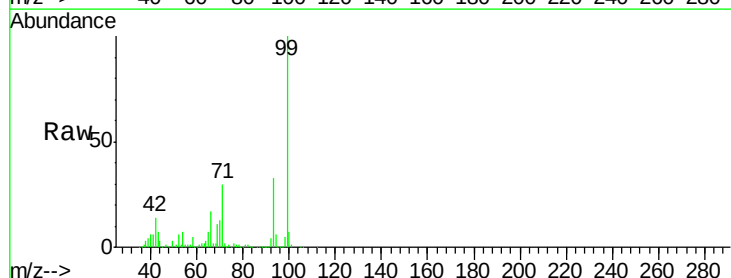
RT: 6.14 min Scan# 398

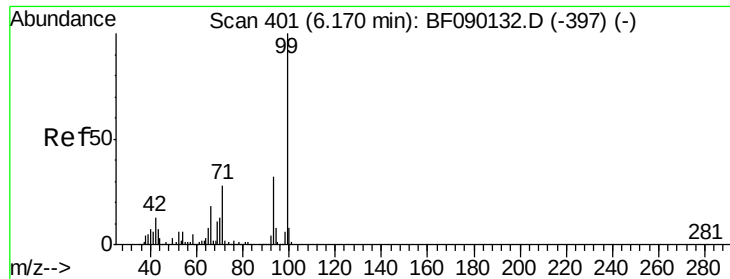
Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion:	93	Resp:	293432
Ion Ratio	Lower	Upper	
93	100		
66	51.4	54.2	81.2#
65	22.1	33.8	50.6#





#7

Phenol-d6

Concen: 113.80 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.01 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

ClientSampled :

PB93609BS

Tot Ion: 99 Resp: 1179878

Ion Ratio Lower Upper

99 100

42 10.8 10.6 15.8

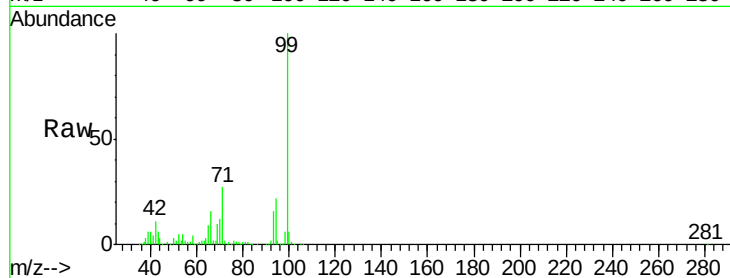
71 26.8 23.0 34.6

Manual Integrations

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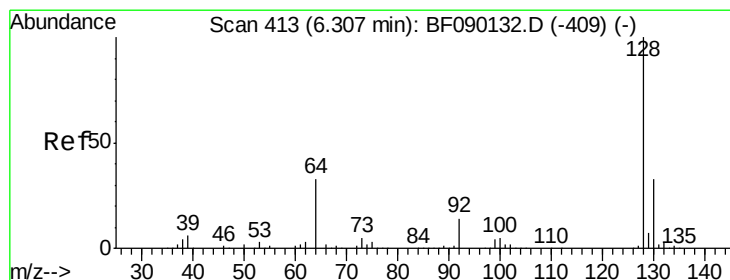
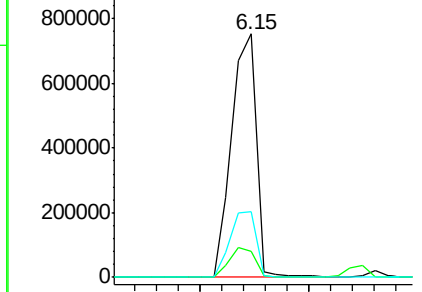
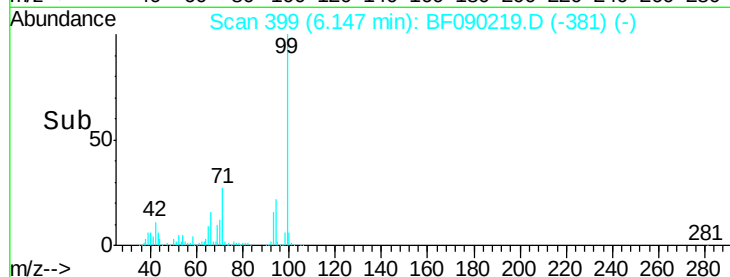
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 33.04 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

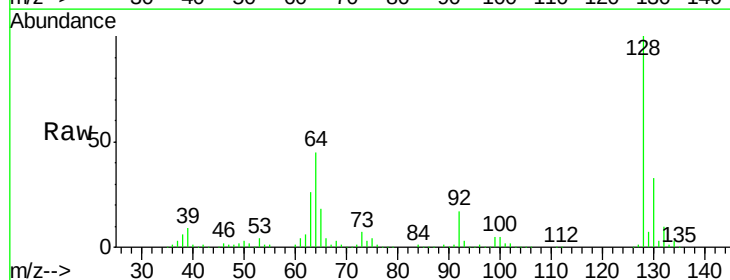
Tgt Ion: 128 Resp: 319182

Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

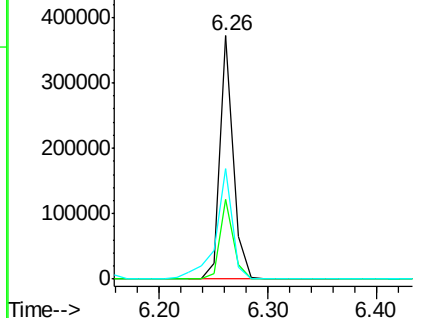
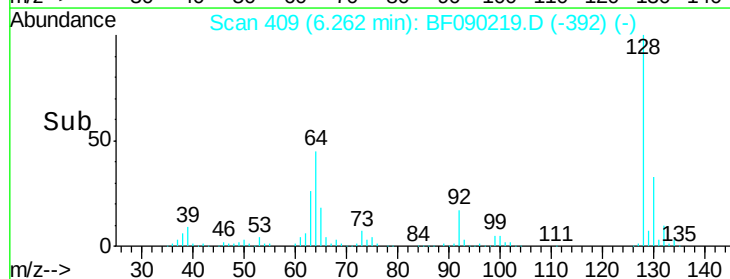
64 45.4 33.6 73.6

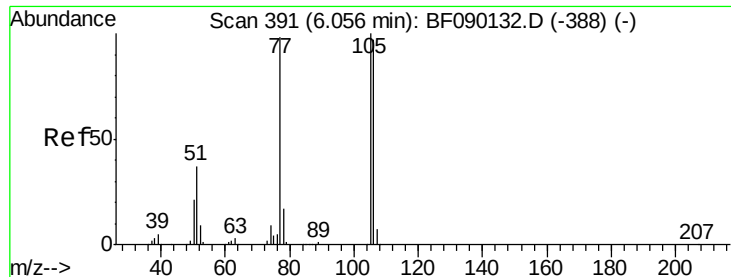


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 34.82 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

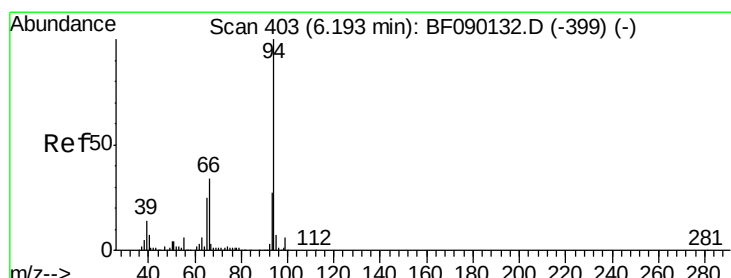
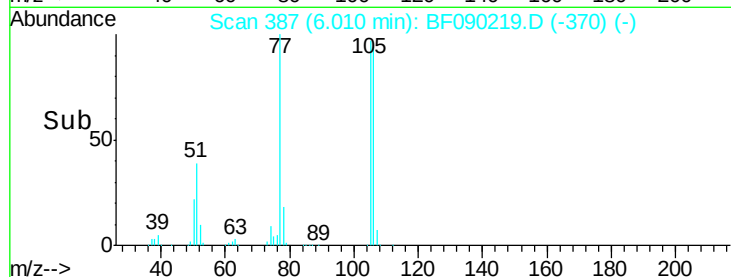
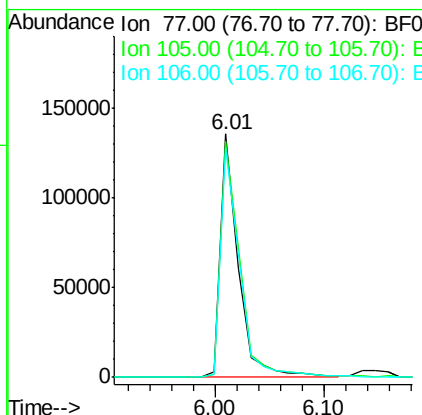
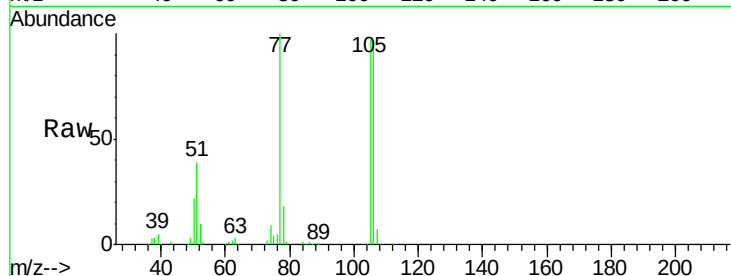
ClientSampleId :

PB93609BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	96.8	83.0	123.0		
106	94.1	78.5	118.5		

Manual Integrations
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#10

Phenol

Concen: 30.07 ng

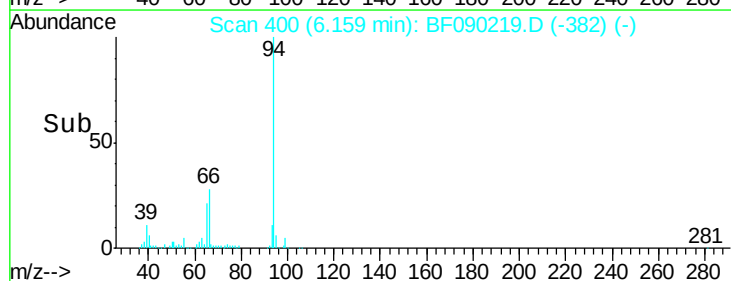
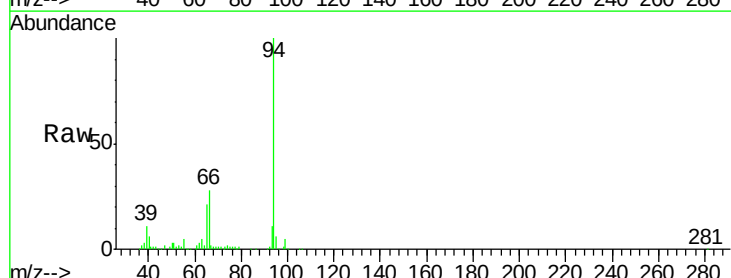
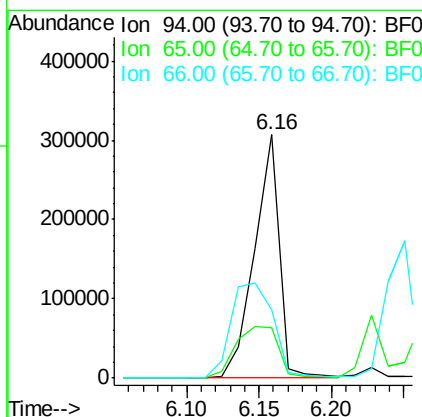
RT: 6.16 min Scan# 400

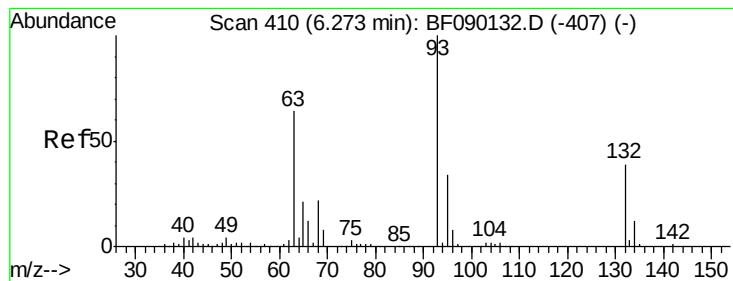
Delta R.T. 0.01 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	20.8	20.6	60.6		
66	28.3	45.1	85.1		





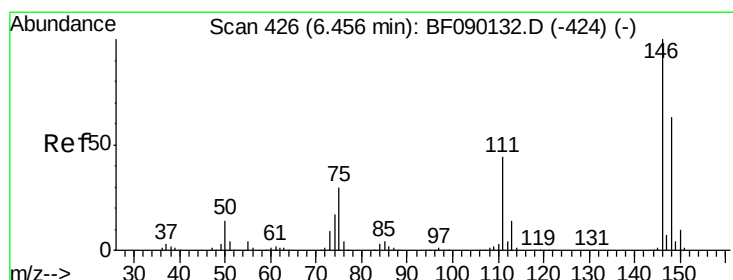
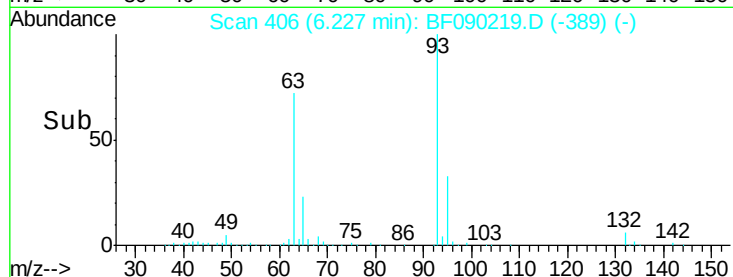
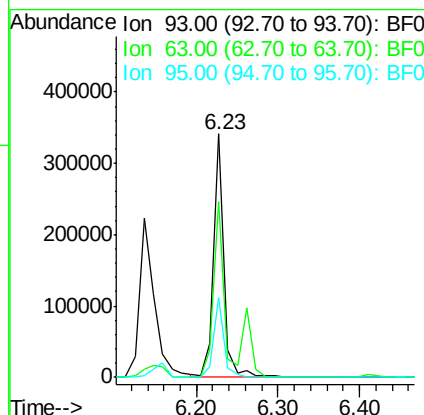
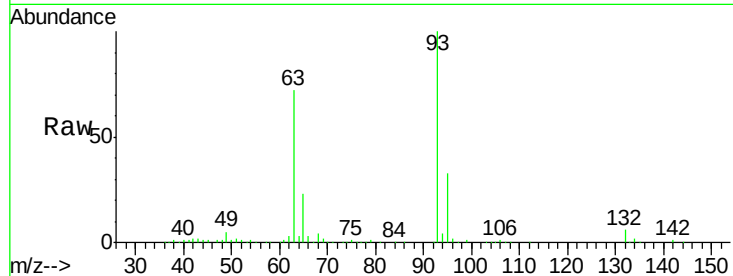
#11
bis(2-Chloroethyl)ether
Concen: 32.23 ng
RT: 6.23 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB93609BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	308030		
63	72.3		55.6	95.6
95	32.9		12.6	52.6

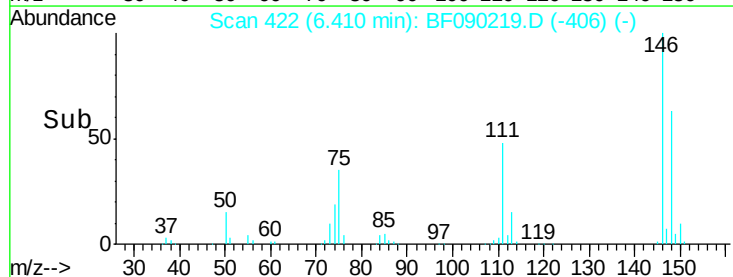
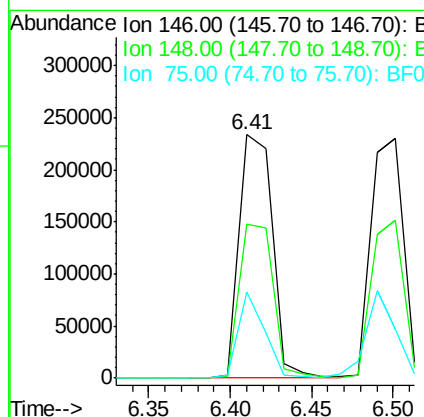
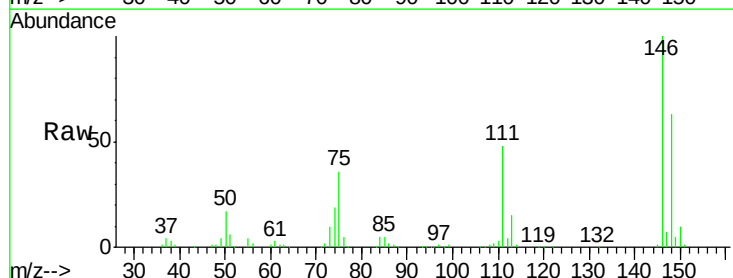
Manual Integrations
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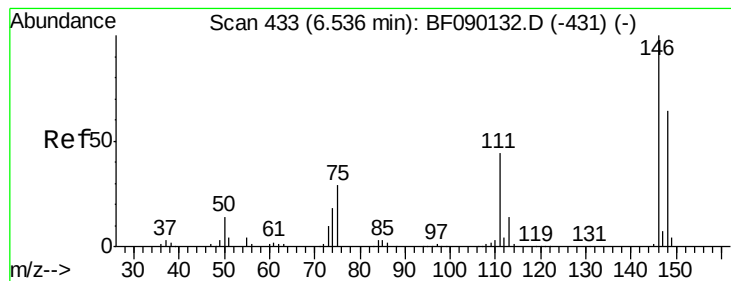
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#12
1,3-Dichlorobenzene
Concen: 32.66 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	329614		
148	63.4		51.9	77.9
75	35.6		22.8	34.2#





#13

1,4-Dichlorobenzene

Concen: 31.91 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

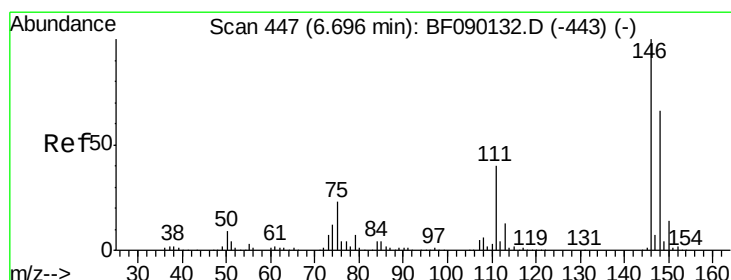
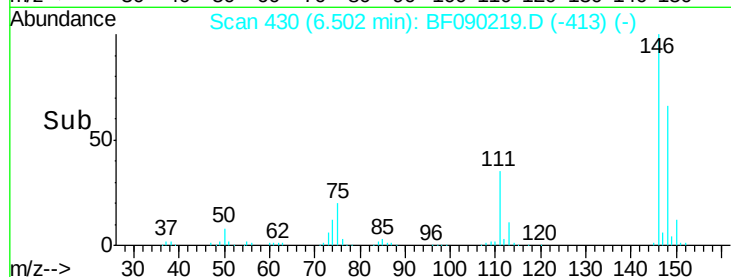
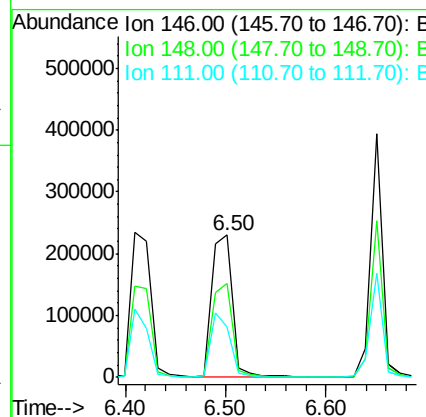
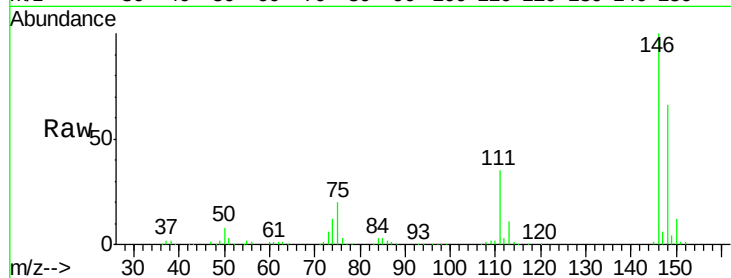
ClientSampled :

PB93609BS

Tot Ion:	146	Resp:	328759
Ion Ratio	Lower	Upper	
146	100		
148	65.8	52.0	78.0
111	35.0	33.8	50.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 35.39 ng m

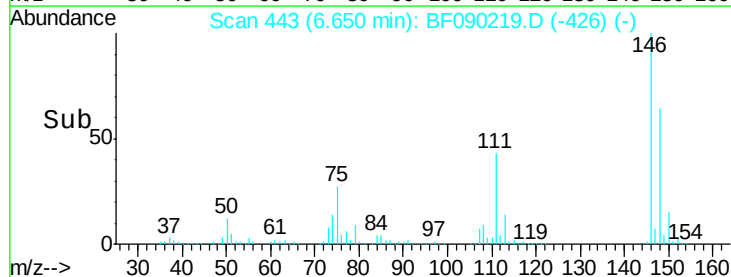
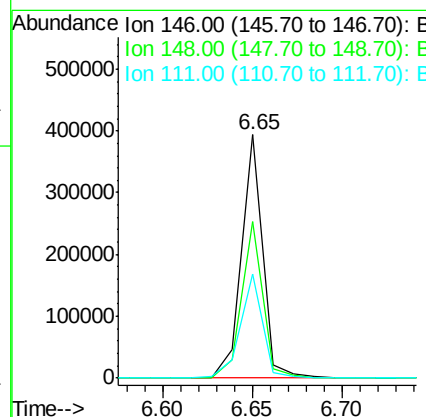
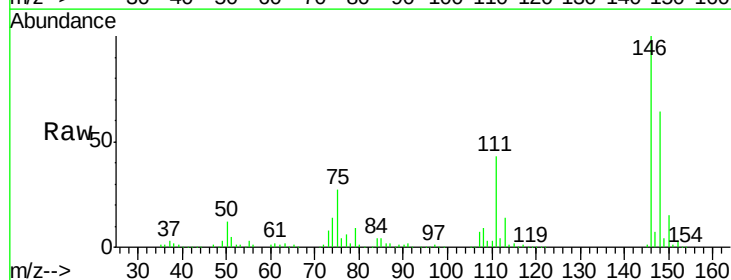
RT: 6.65 min Scan# 443

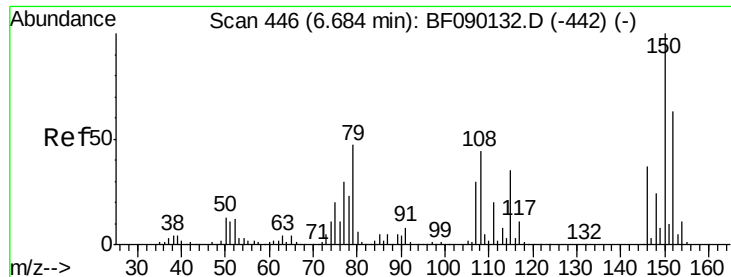
Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion:	146	Resp:	324812
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.6	79.0
111	42.7	28.2	42.2#





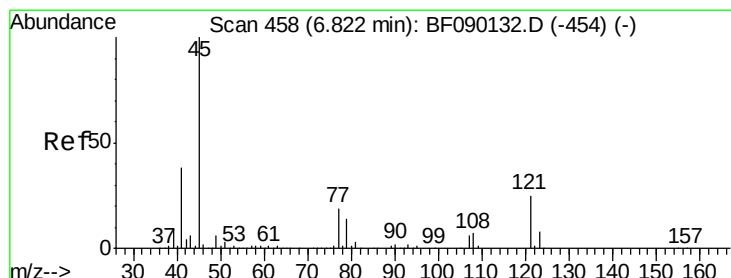
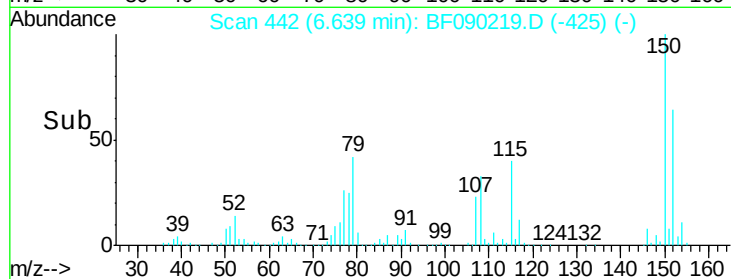
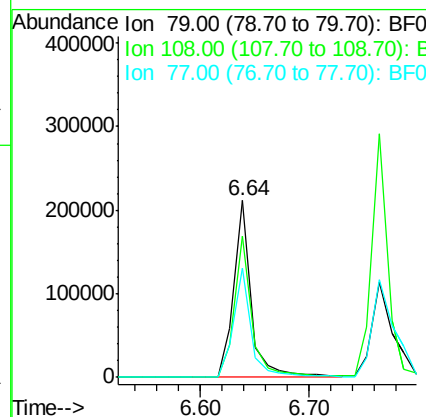
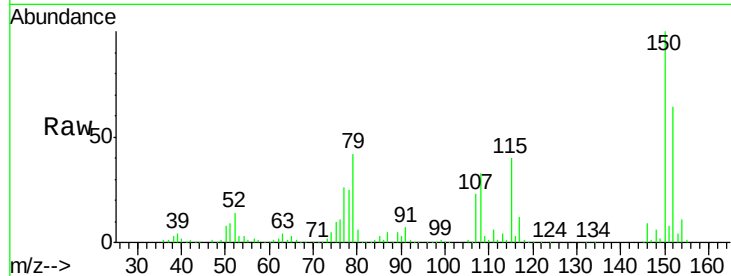
#15
Benzyl Alcohol
Concen: 38.49 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB93609BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	79.5	62.2	93.4	
77	62.0	51.4	77.0	

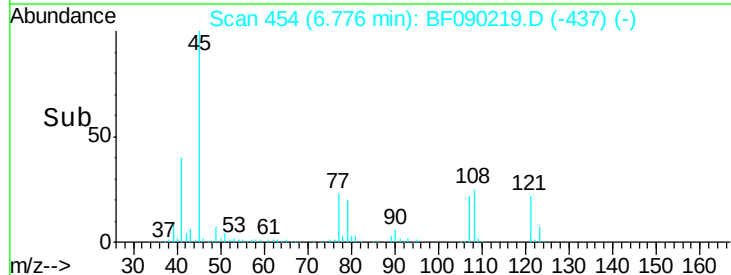
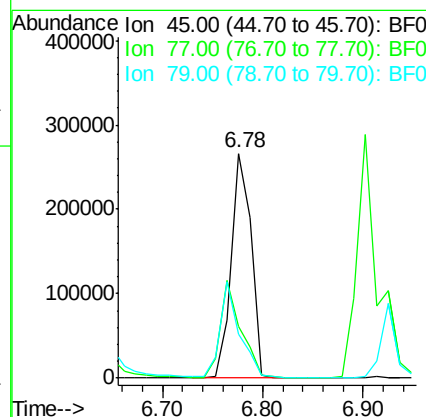
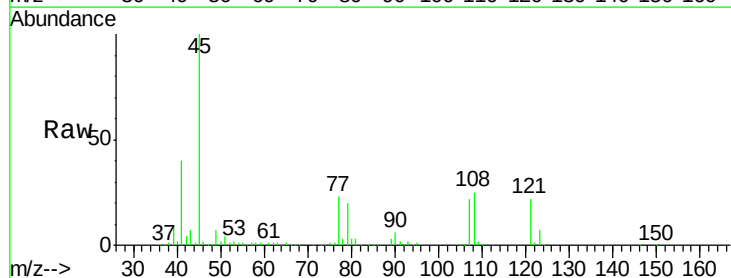
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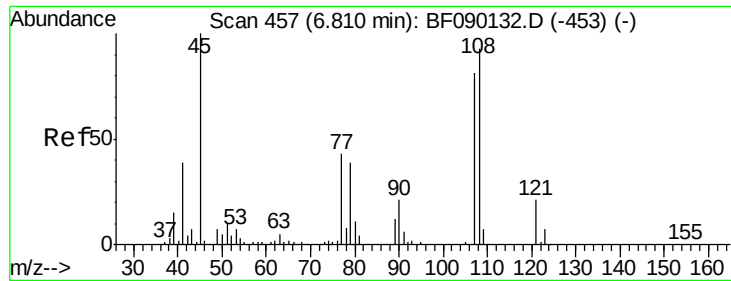
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.13 ng
RT: 6.78 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	23.2	0.5	40.5	
79	19.6	0.0	37.0	





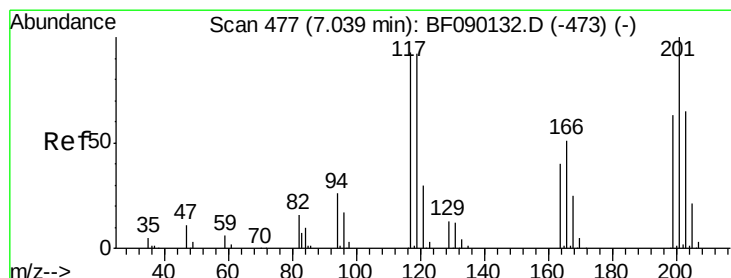
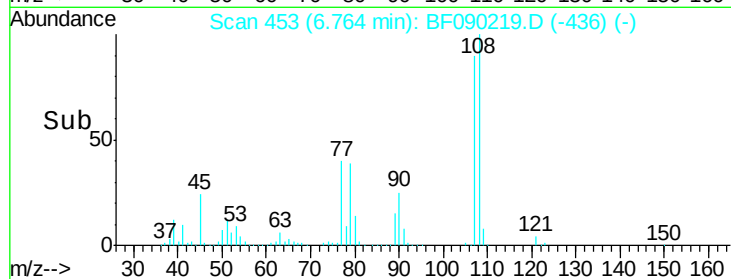
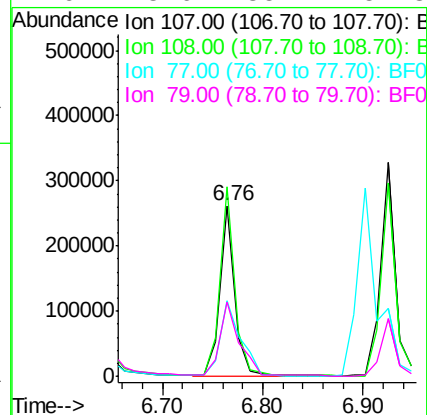
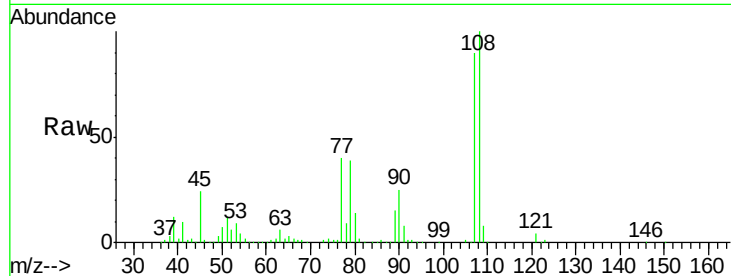
#17
2-Methylphenol
Concen: 35.17 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB93609BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	92.0	138.0	
77	44.5	35.6	53.4	
79	43.6	35.2	52.8	

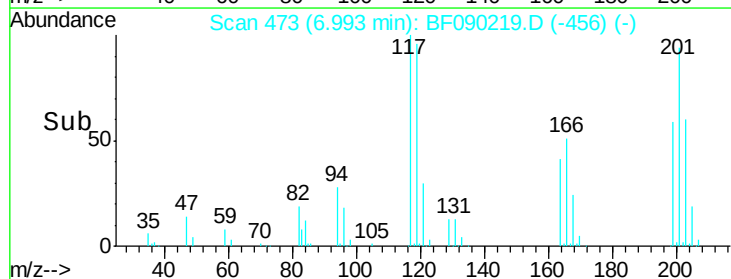
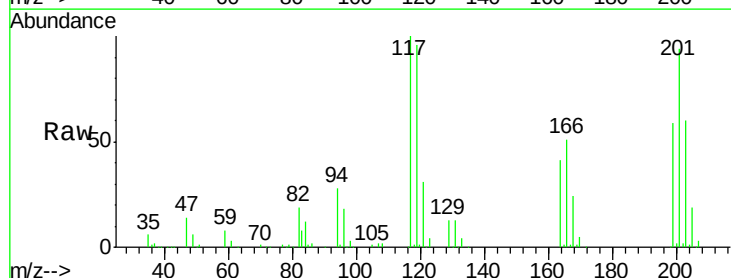
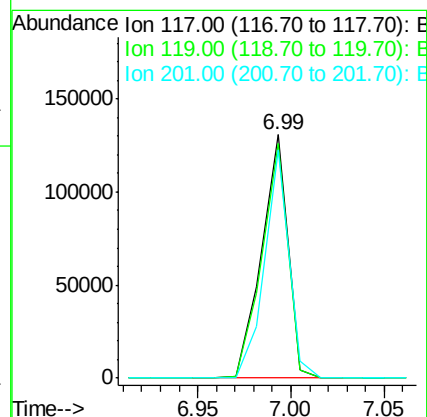
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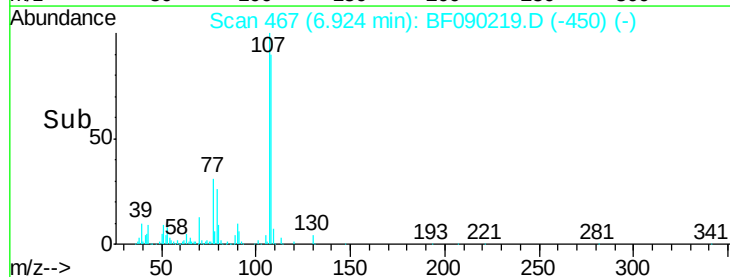
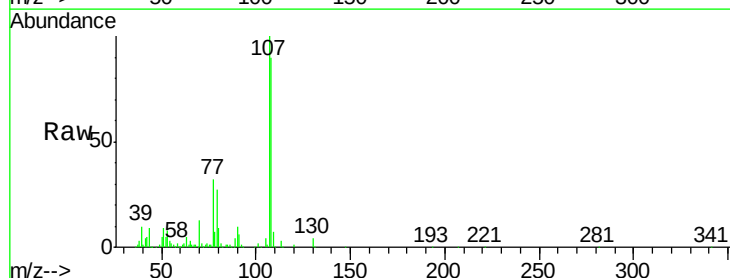
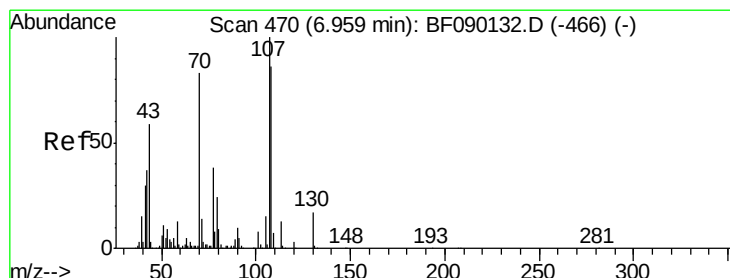
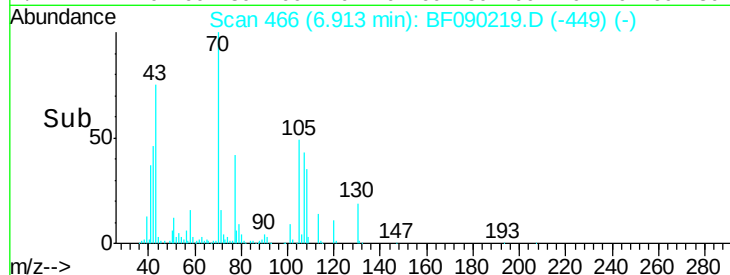
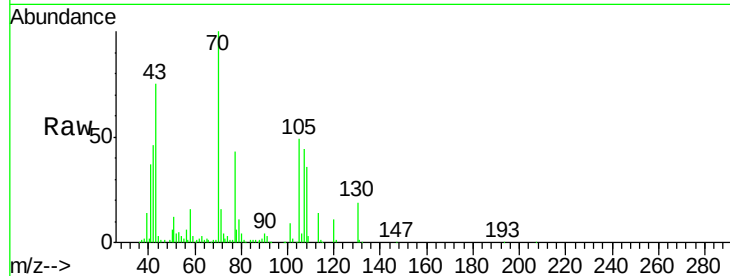
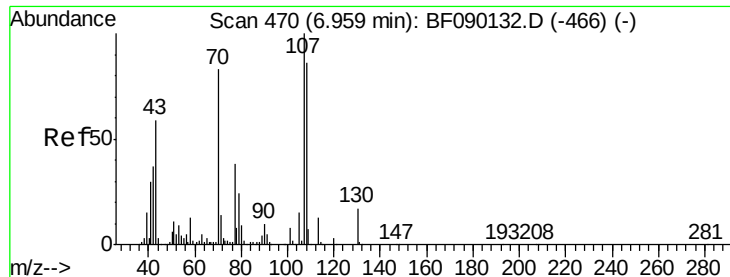
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#18
Hexachloroethane
Concen: 34.48 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	76.6	115.0	
201	93.6	55.5	83.3#	





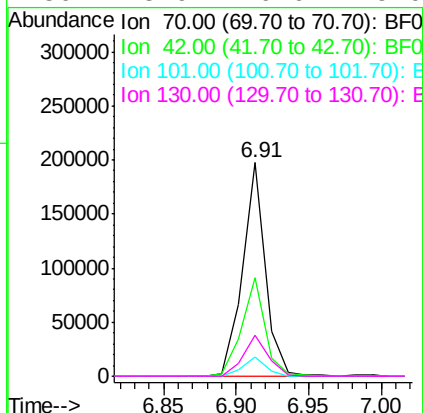
#19
n-Nitroso-di-n-propylamine
Concen: 35.42 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB93609BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.0	35.1	52.7
101	9.2	7.5	11.3
130	18.9	16.6	25.0

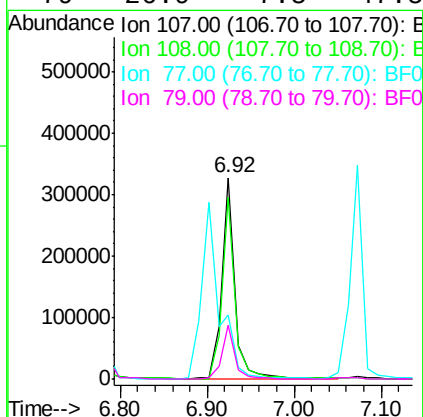
Manual Integrations
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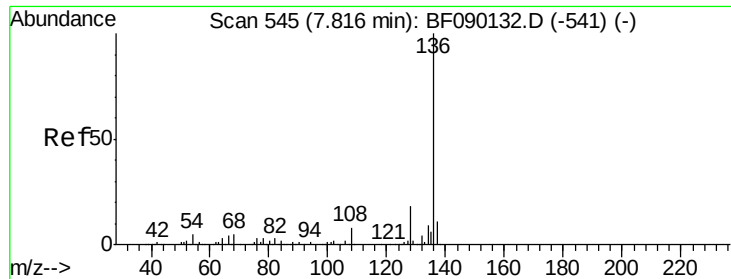
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#20
3+4-Methylphenols
Concen: 37.99 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	73.3	113.3
77	31.7	14.1	54.1
79	26.9	7.5	47.5





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

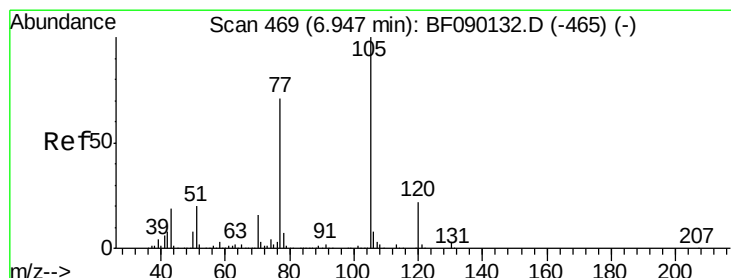
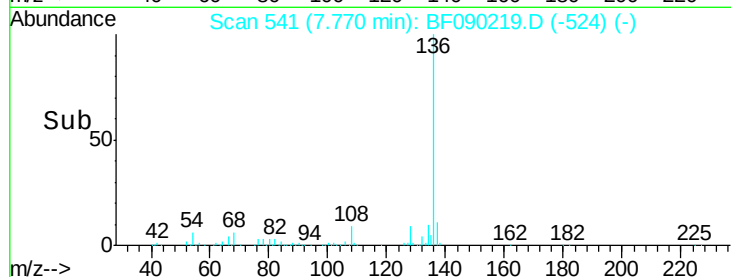
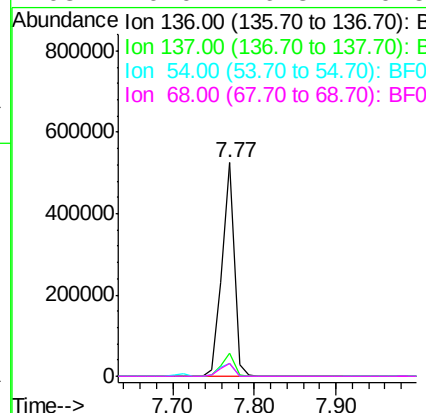
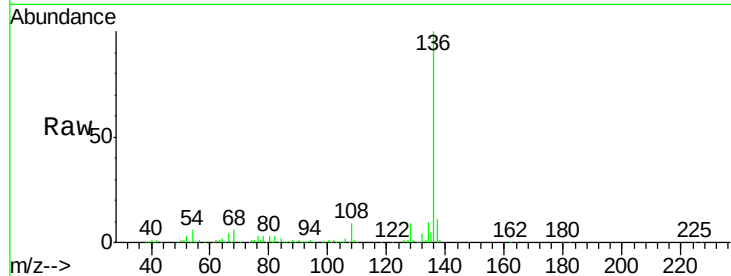
ClientSampleId :

PB93609BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	554543		
137	10.8	9.0	13.4	
54	6.0	6.4	9.6	
68	6.0	6.3	9.5	

Manual Integrations
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#22

Acetophenone

Concen: 32.90 ng

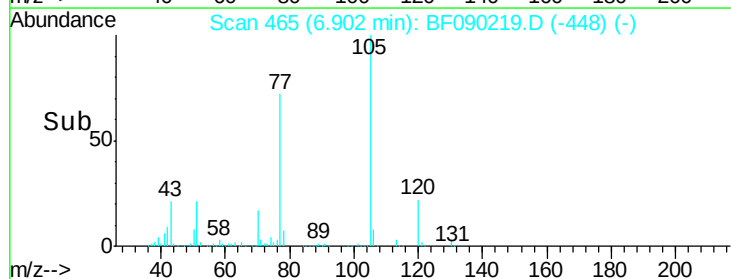
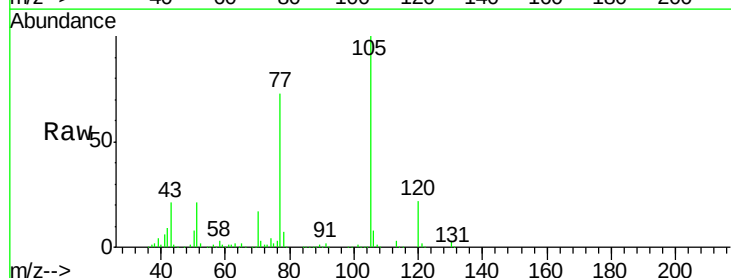
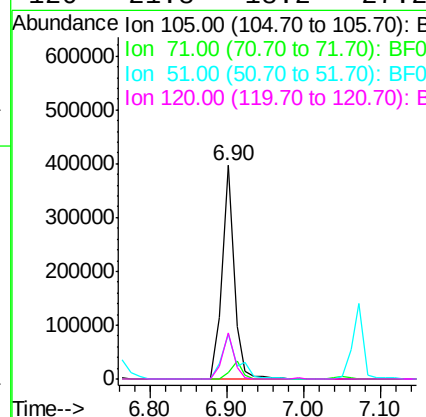
RT: 6.90 min Scan# 465

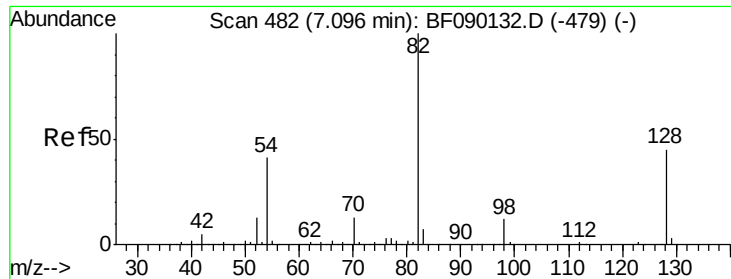
Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	439911		
71	3.0	4.1	6.1	
51	20.8	16.2	24.2	
120	21.8	18.2	27.2	





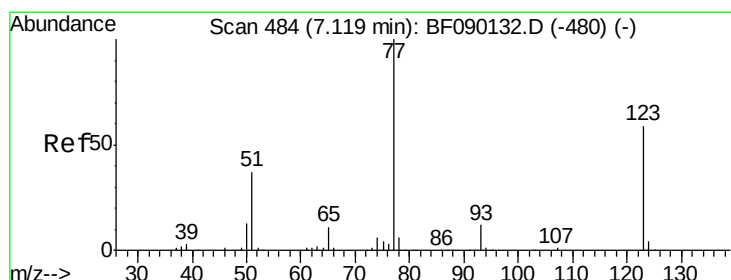
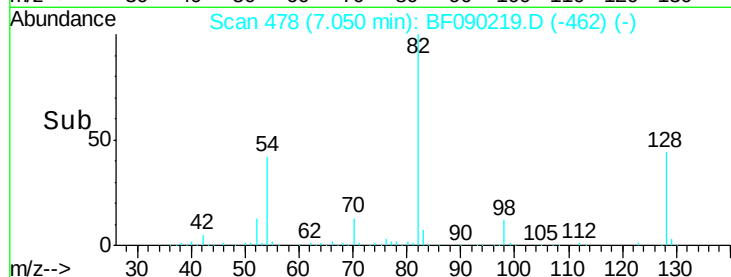
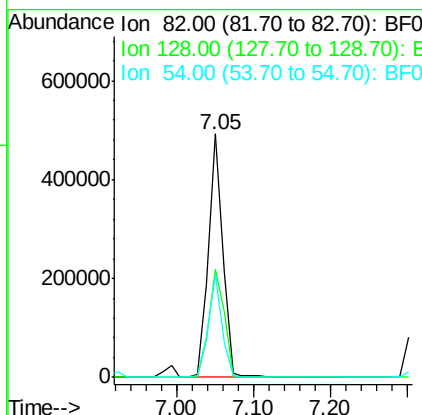
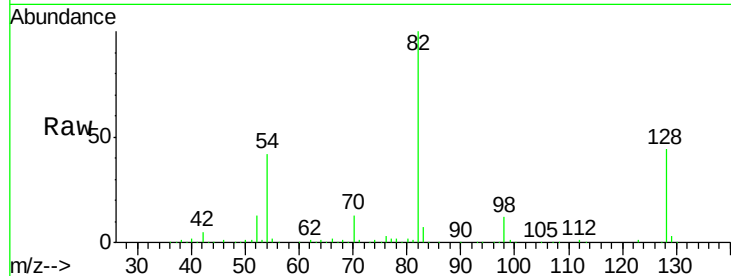
#23
 Nitrobenzene-d5
 Concen: 66.46 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB93609BS

Tot Ion	82	Resp	635744
Ion Ratio	100	Lower	Upper
128	44.4	37.5	56.3
54	42.2	31.9	47.9

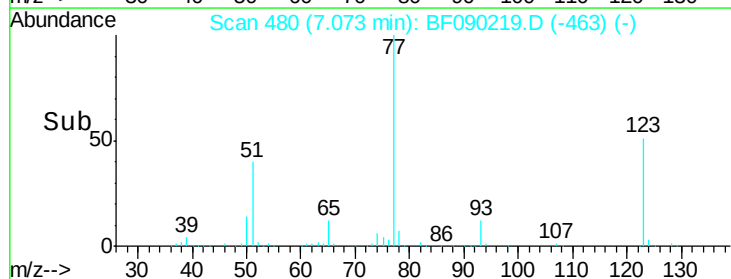
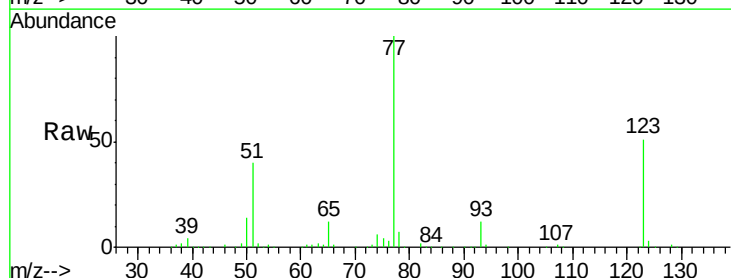
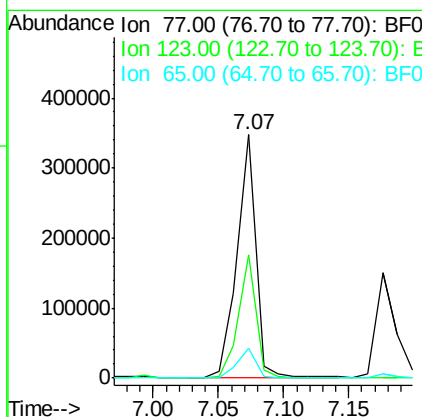
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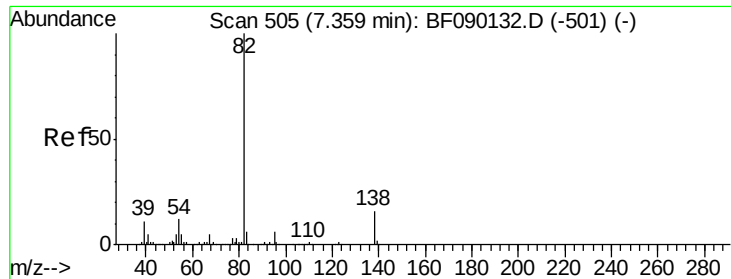
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#24
 Nitrobenzene
 Concen: 34.44 ng
 RT: 7.07 min Scan# 480
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Tgt Ion	77	Resp	343277
Ion Ratio	100	Lower	Upper
123	50.7	33.4	50.2#
65	12.1	10.1	15.1





#25

Isophorone

Concen: 31.47 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

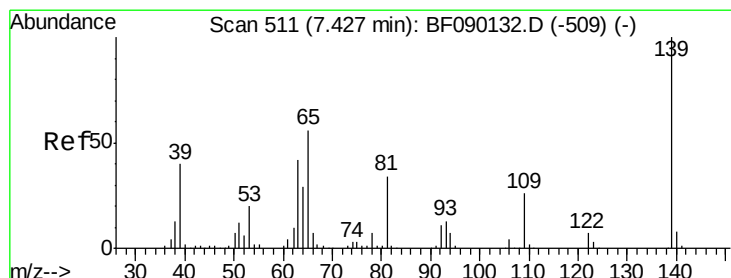
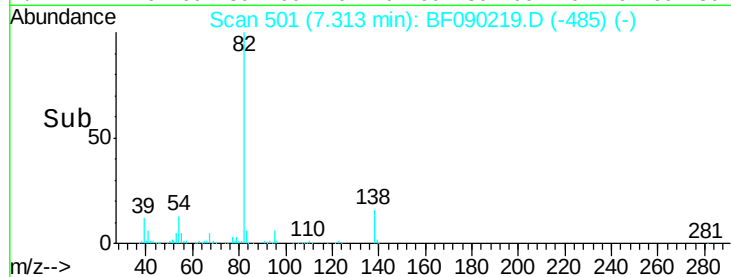
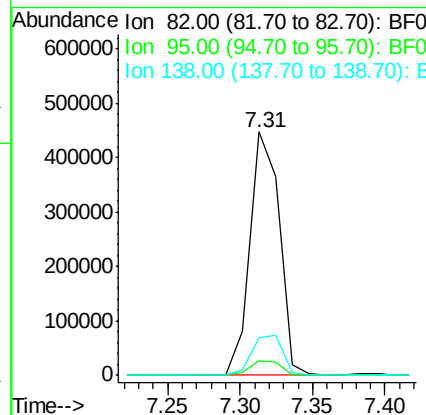
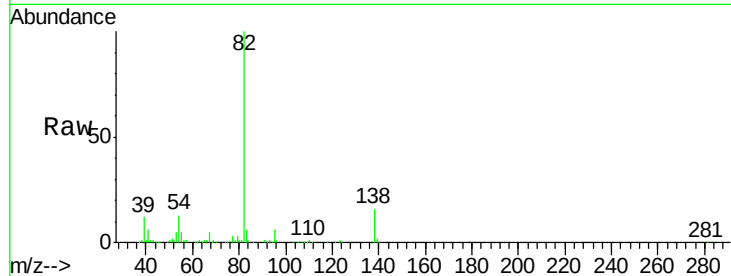
ClientSampleId :

PB93609BS

Tot Ion:	82	Resp:	628938
Ion Ratio	Lower	Upper	
82	100		
95	6.1	5.1	7.7
138	15.6	13.5	20.3

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#26

2-Nitrophenol

Concen: 36.77 ng

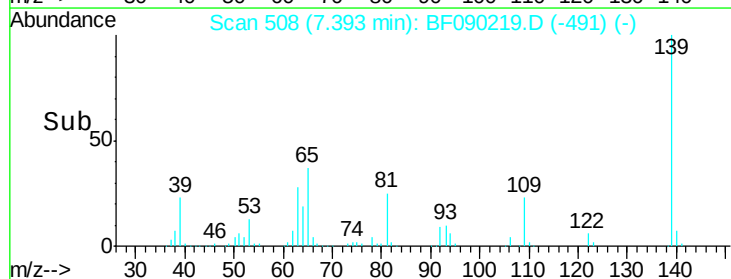
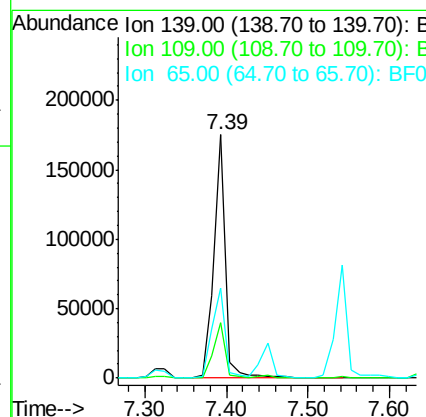
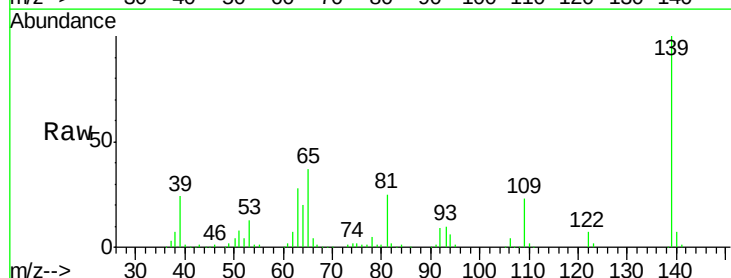
RT: 7.39 min Scan# 508

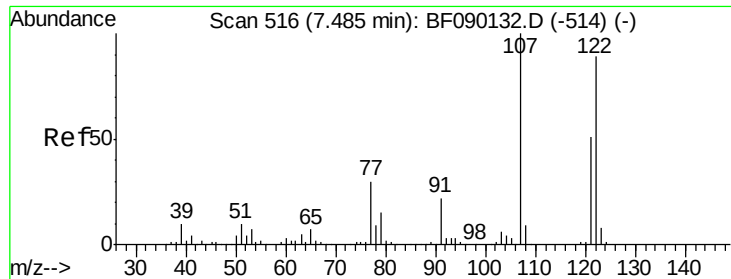
Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion:	139	Resp:	180489
Ion Ratio	Lower	Upper	
139	100		
109	22.6	20.5	30.7
65	37.0	37.9	56.9#





#27

2,4-Dimethylphenol

Concen: 35.11 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

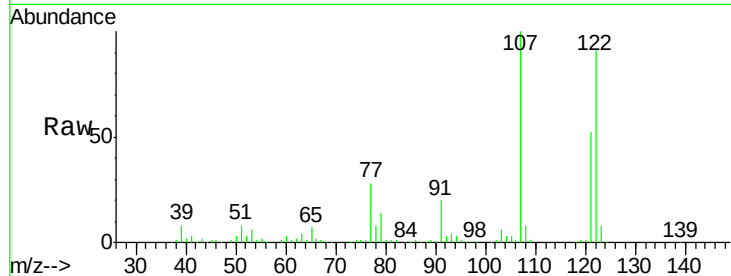
ClientSampled :

PB93609BS

Tot Ion:	122	Resp:	306155
Ion Ratio	Lower	Upper	
122	100		
107	110.0	87.8	131.6
121	57.0	45.7	68.5

Manual Integrations
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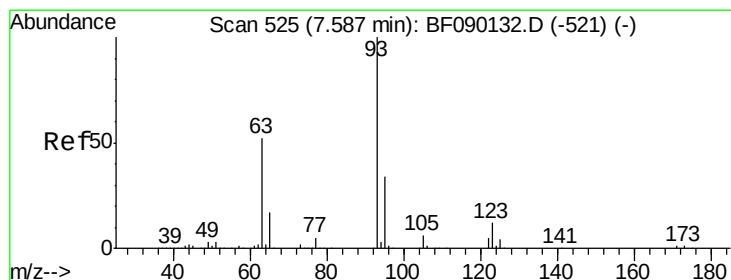
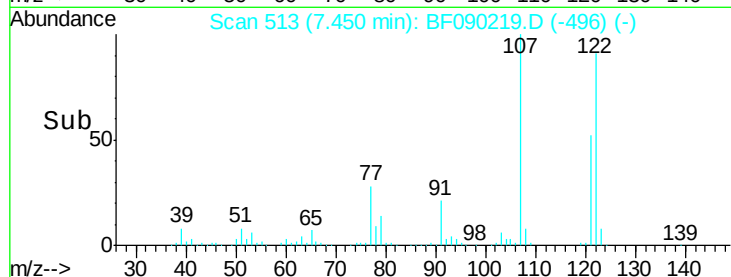
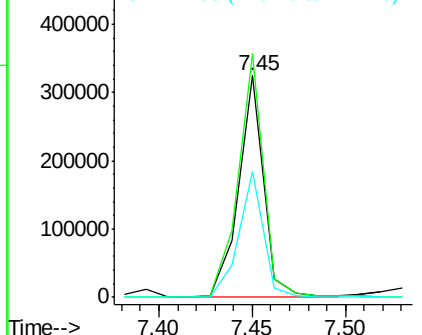
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 33.99 ng

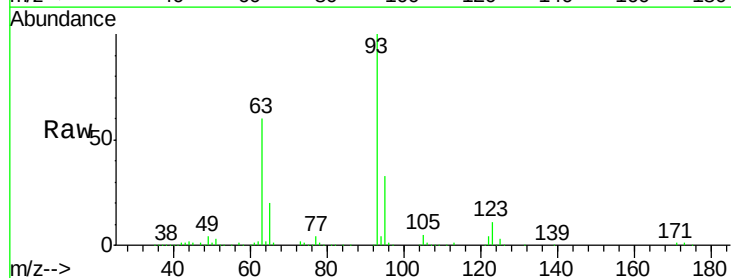
RT: 7.54 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

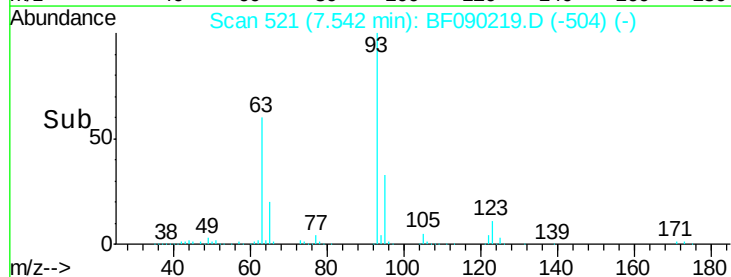
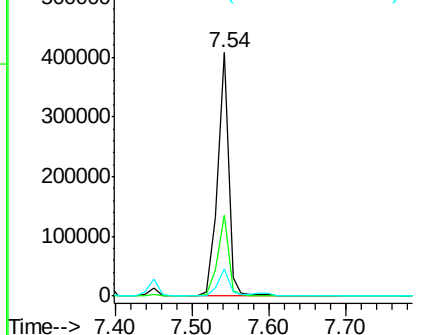
Tgt Ion:	93	Resp:	410884
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.8	40.2
123	11.0	8.5	12.7

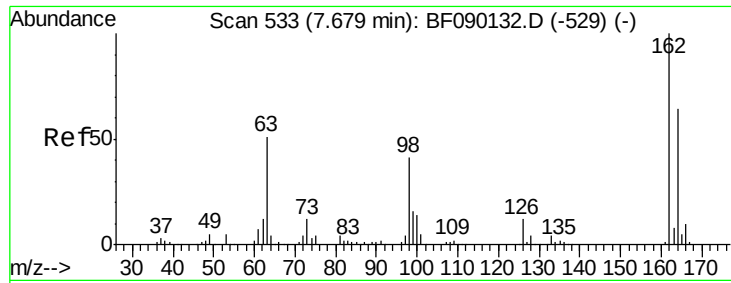


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





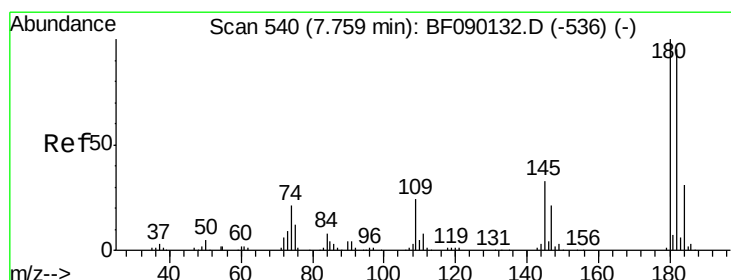
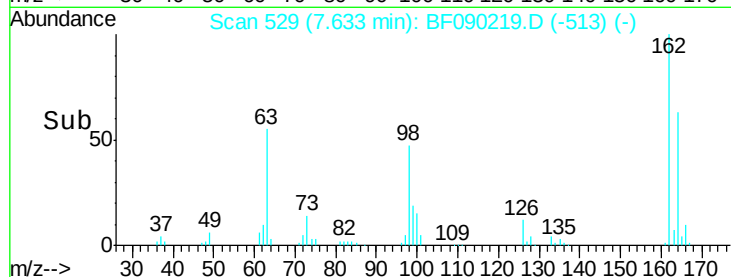
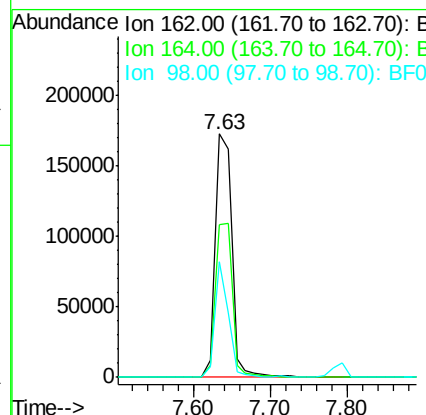
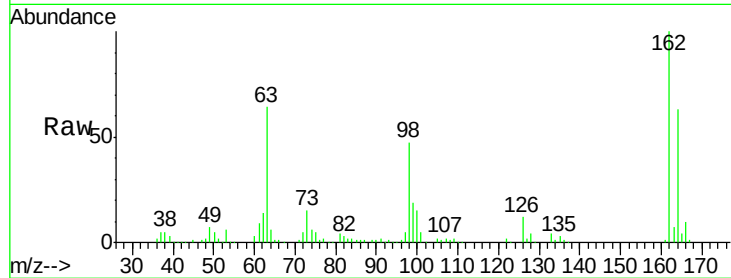
#29
2,4-Dichlorophenol
Concen: 33.68 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB93609BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	257640		
164	62.7	46.2	86.2	
98	47.4	10.4	50.4	

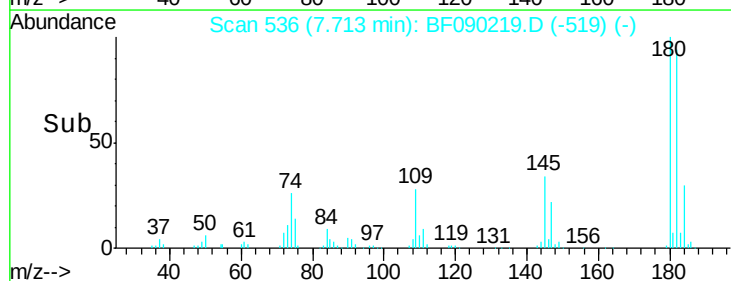
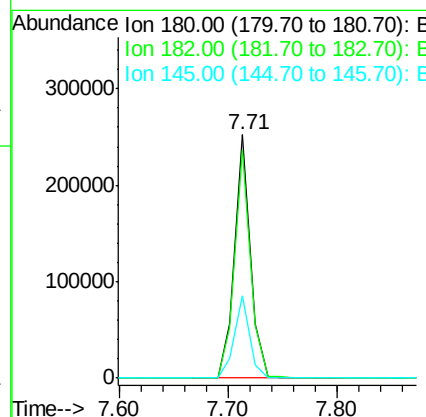
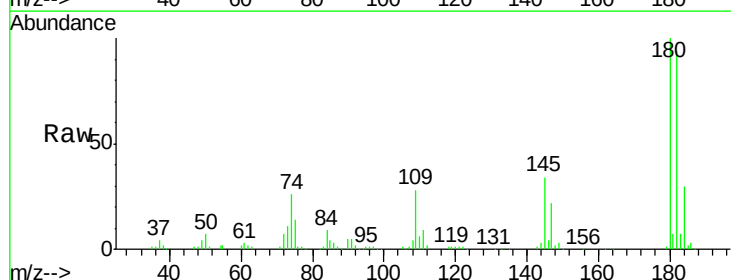
Manual Integrations
APPROVED

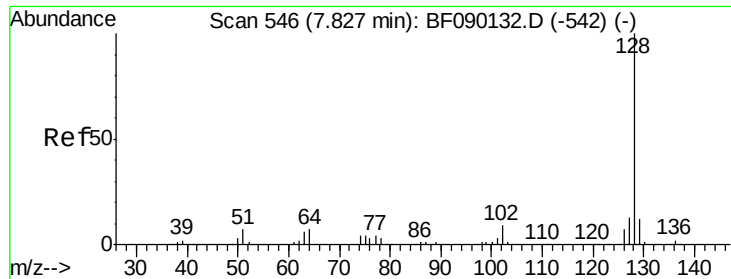
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#30
1,2,4-Trichlorobenzene
Concen: 33.31 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	254504		
182	94.0	75.0	112.6	
145	33.7	28.6	42.8	





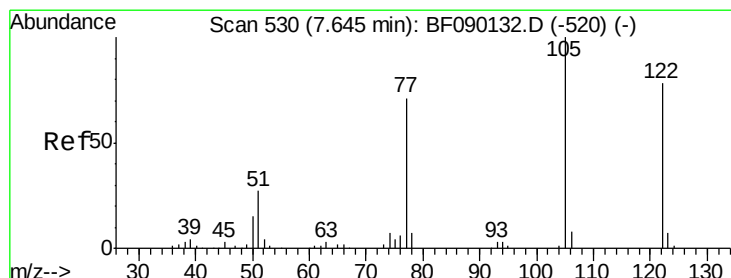
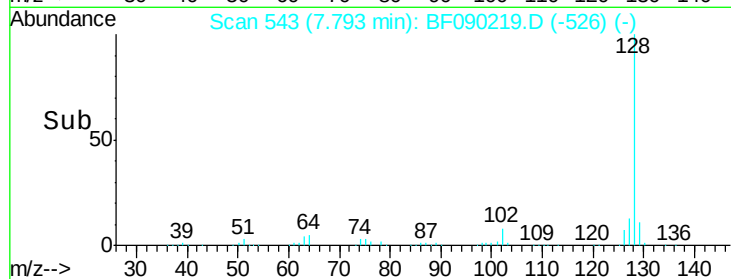
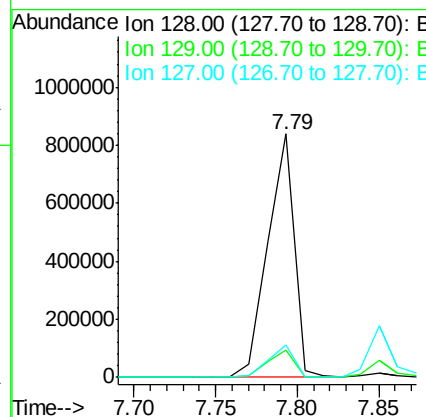
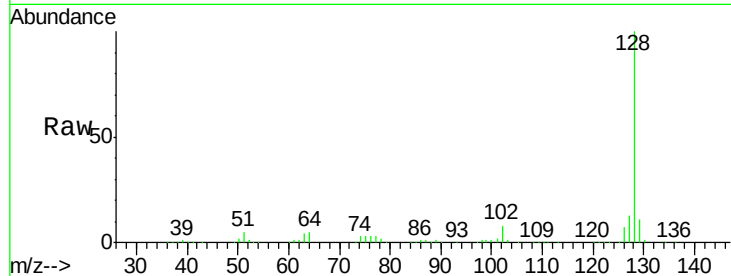
#31
Naphthalene
Concen: 36.06 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampled :
PB93609BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	952195		
129	11.1		9.3	13.9
127	13.2		10.8	16.2

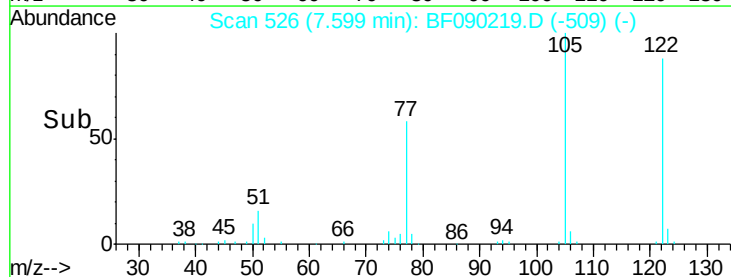
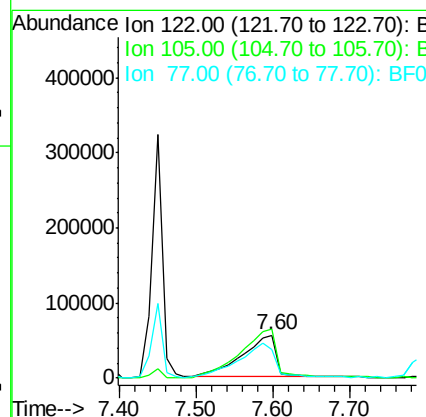
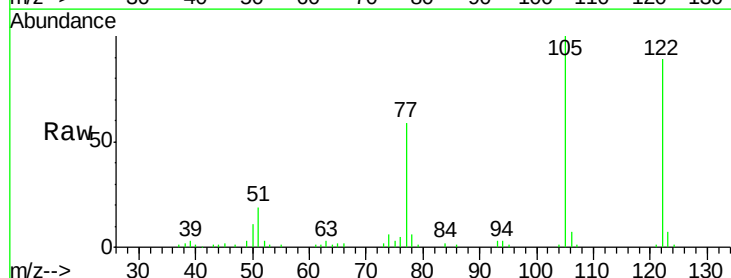
Manual Integrations
APPROVED

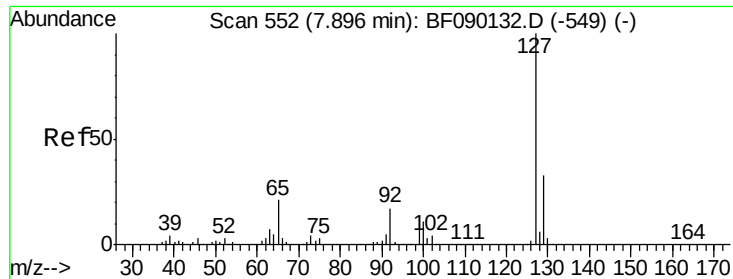
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#32
Benzoic acid
Concen: 29.20 ng
RT: 7.60 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	174807		
105	112.4		105.0	145.0
77	66.6		70.4	110.4#





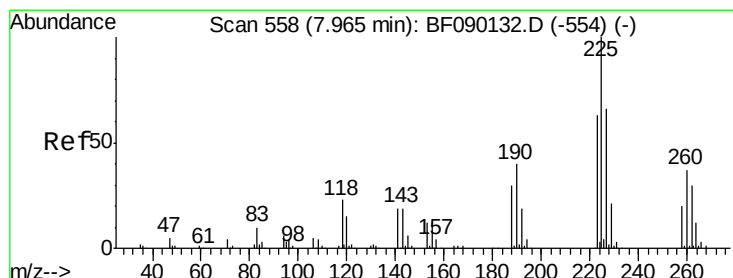
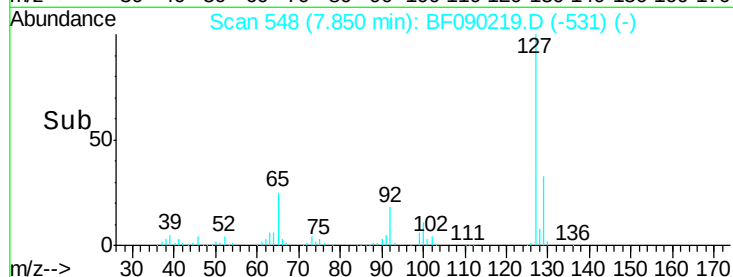
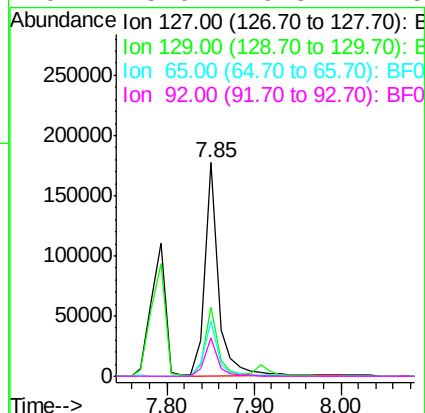
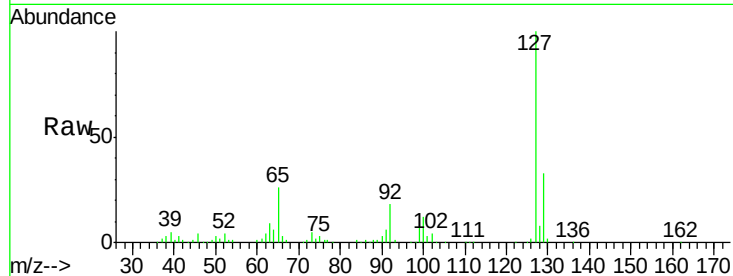
#33
4-Chloroaniline
Concen: 17.42 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampled :
PB93609BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.5	25.8	38.6		
65	25.7	24.1	36.1		
92	18.0	16.3	24.5		

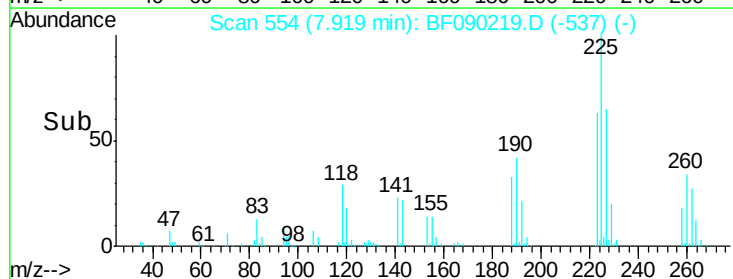
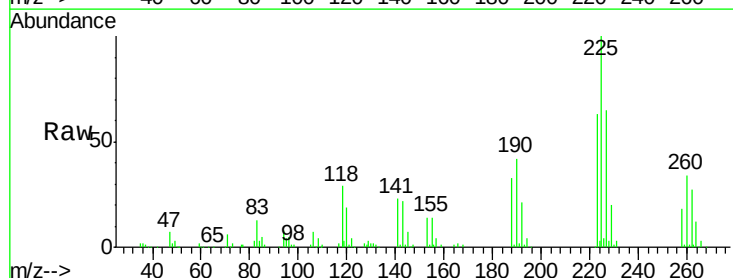
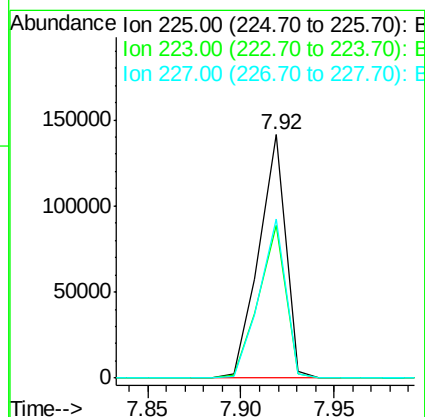
Manual Integrations
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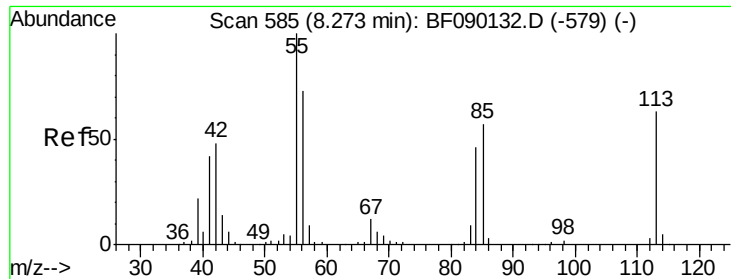
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#34
Hexachlorobutadiene
Concen: 34.97 ng
RT: 7.92 min Scan# 554
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	51.3	76.9		
227	65.3	51.4	77.0		





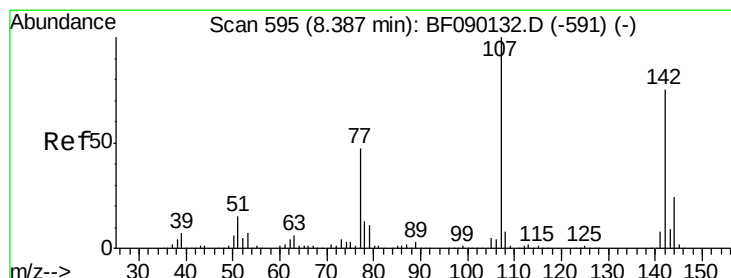
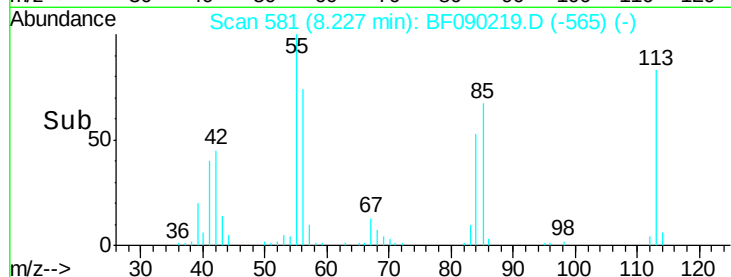
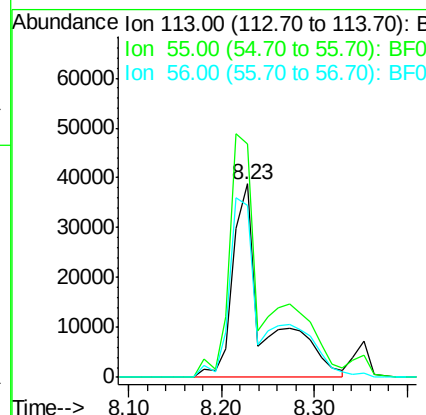
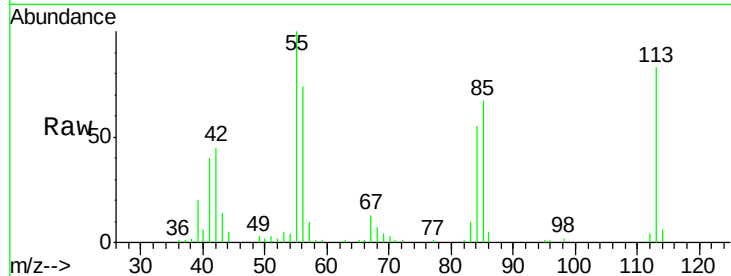
#35
Caprolactam
Concen: 36.56 ng/ml
RT: 8.23 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB93609BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	120.6	134.5	174.5#
56	88.9	93.7	133.7#

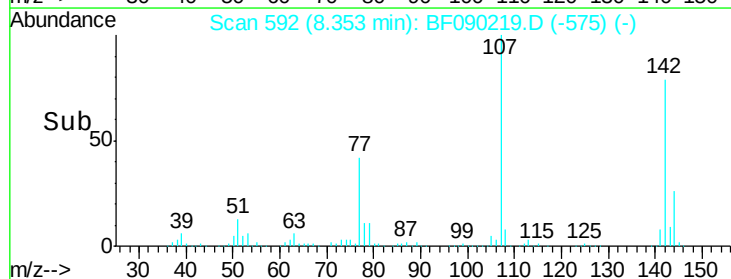
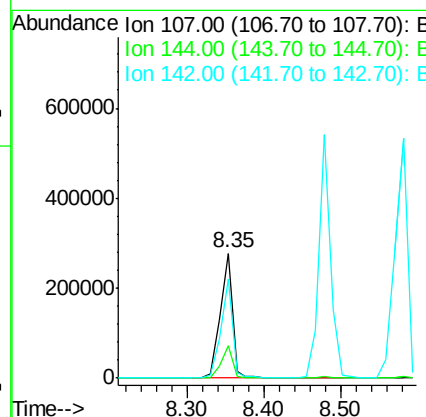
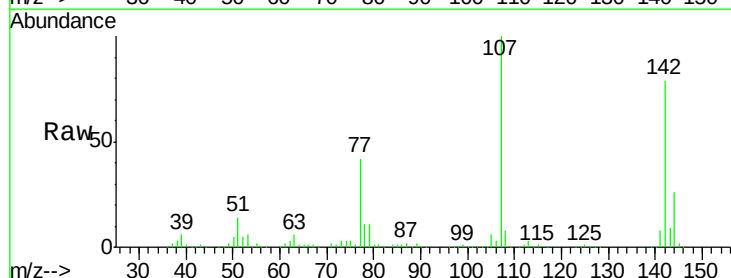
Manual Integrations
APPROVED

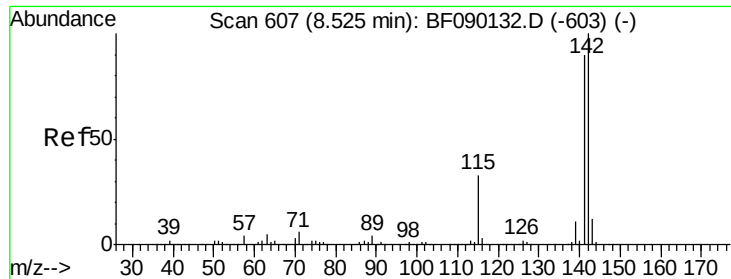
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#36
4-Chloro-3-methylphenol
Concen: 35.69 ng/ml
RT: 8.35 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	18.6	27.8
142	79.5	57.0	85.6





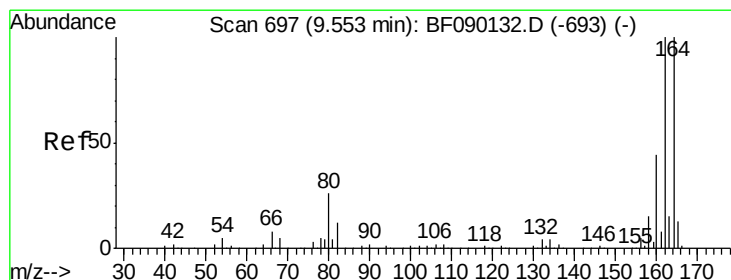
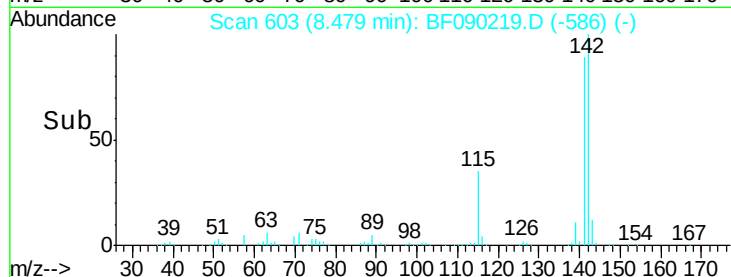
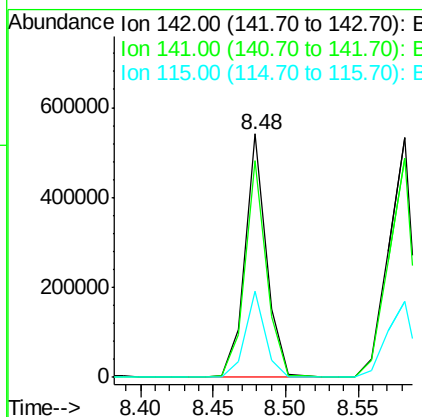
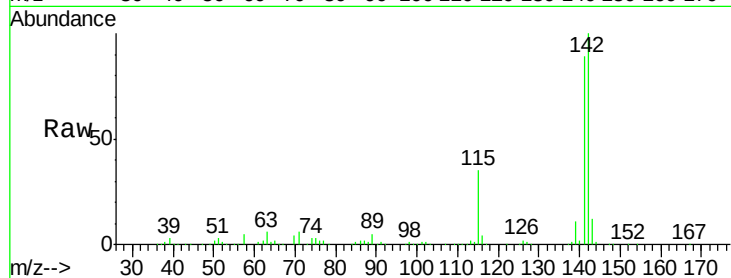
#37
2-Methylnaphthalene
Concen: 33.93 ng
RT: 8.48 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB93609BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.2
115	35.2	28.3	42.5

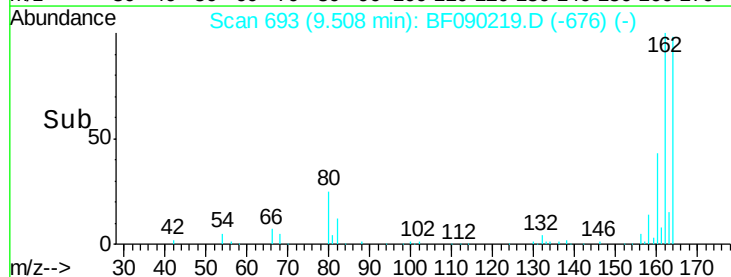
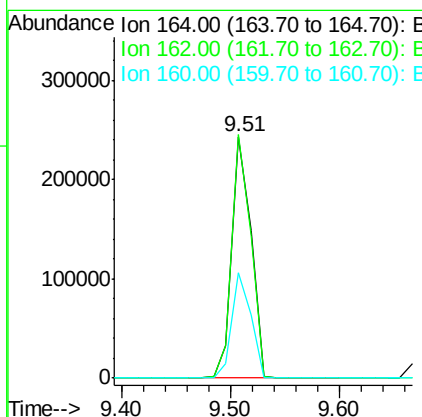
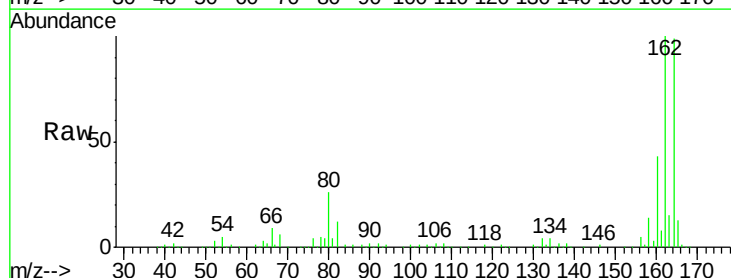
Manual Integrations
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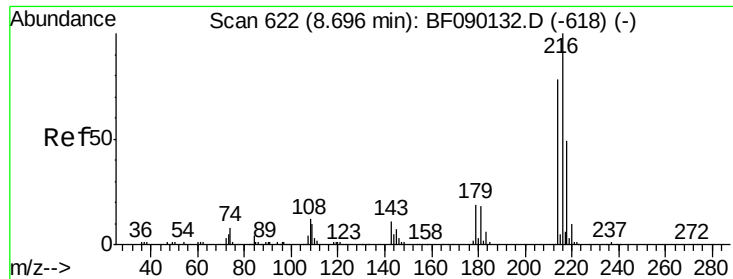
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.4	122.2
160	43.7	36.6	54.8





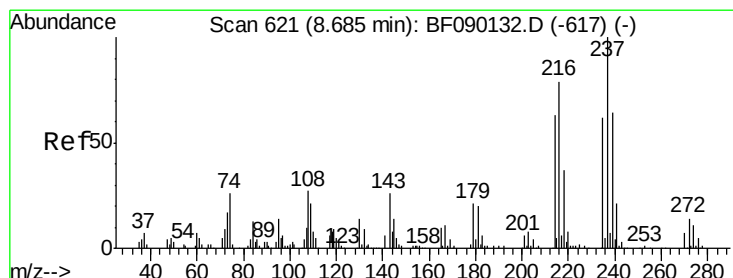
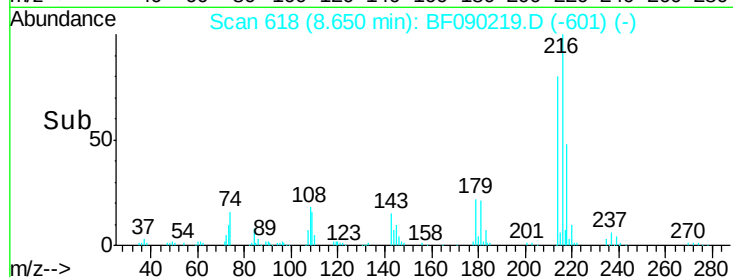
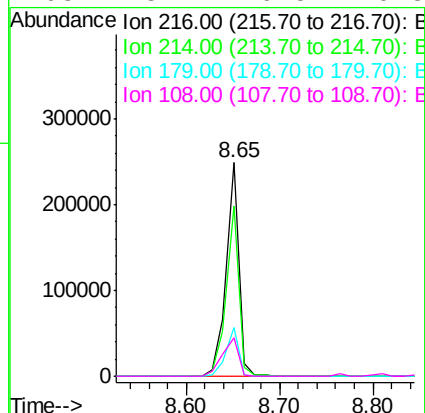
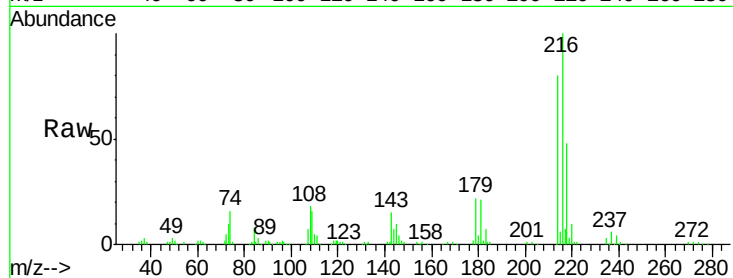
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.56 ng
 RT: 8.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Instrument :
 BNA_F
 ClientSampled :
 PB93609BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		233697		
214	79.5	63.7	95.5		
179	22.5	18.5	27.7		
108	23.4	19.5	29.3		

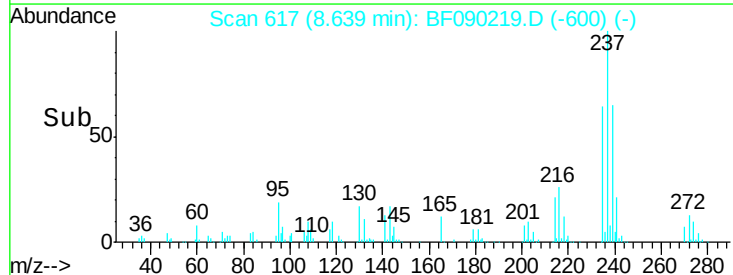
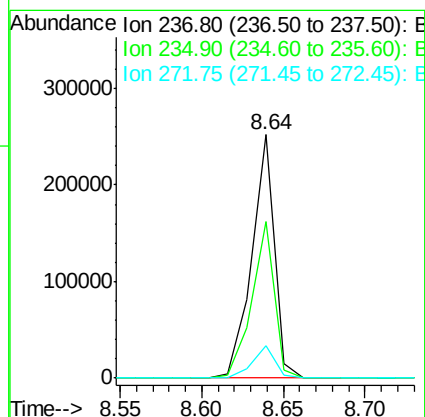
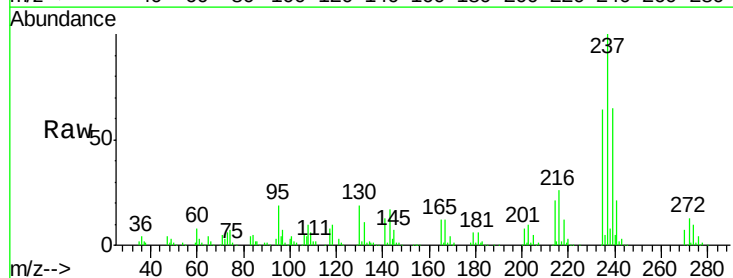
Manual Integrations
 APPROVED

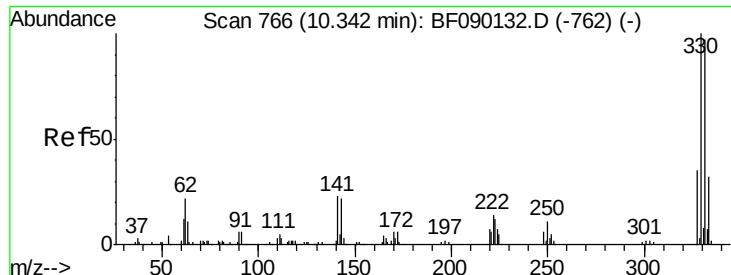
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#40
 Hexachlorocyclopentadiene
 Concen: 72.49 ng
 RT: 8.64 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		241877		
235	64.2	42.5	82.5		
272	13.1	0.0	32.0		





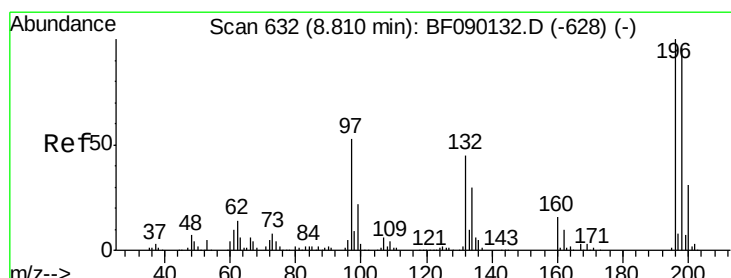
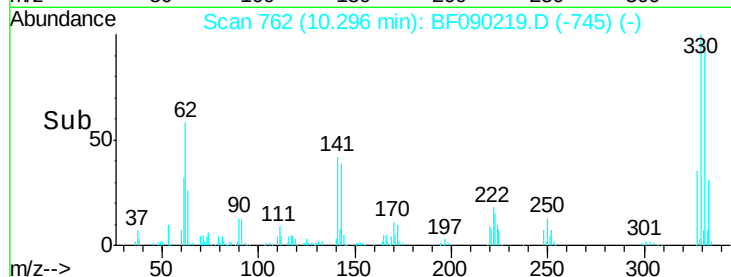
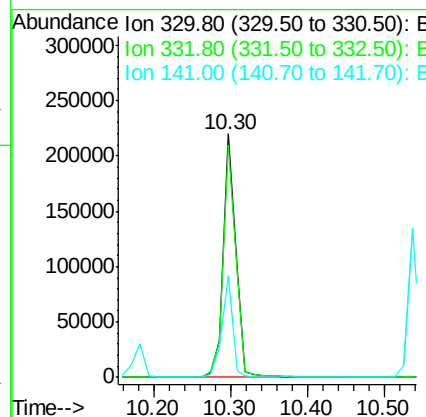
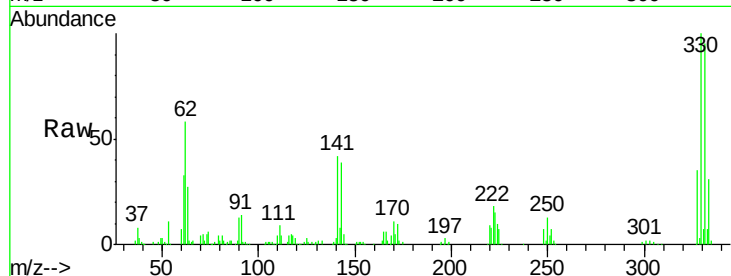
#41
 2,4,6-Tribromophenol
 Concen: 100.35 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Instrument :
 BNA_F
 ClientSampled :
 PB93609BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	253614		
332	95.8		78.1	117.1
141	35.4		23.9	35.9

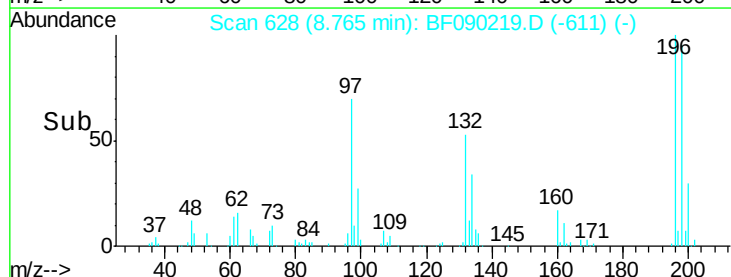
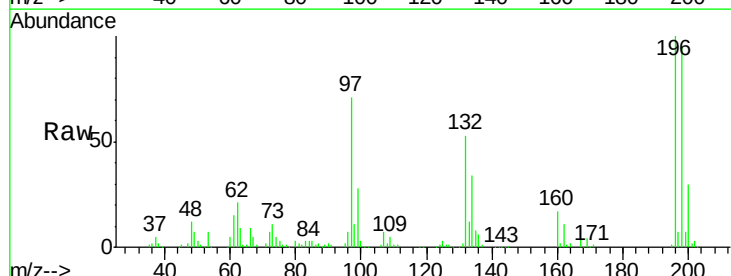
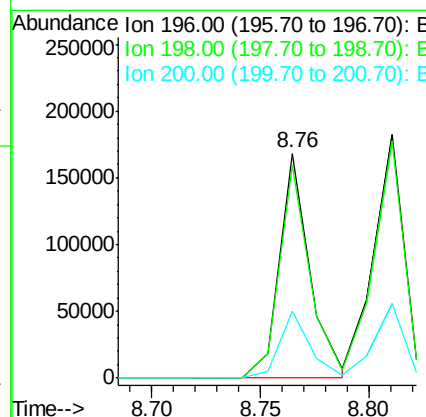
Manual Integrations
 APPROVED

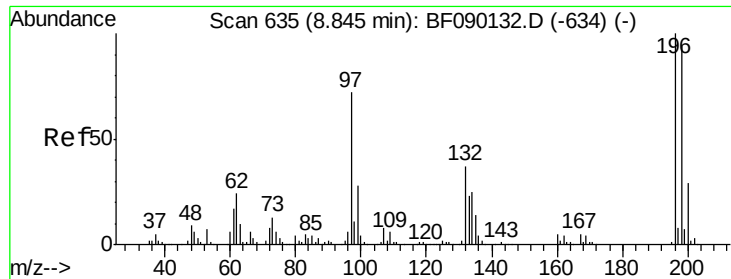
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#42
 2,4,6-Trichlorophenol
 Concen: 34.32 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	165385		
198	94.8		76.3	114.5
200	29.8		24.1	36.1





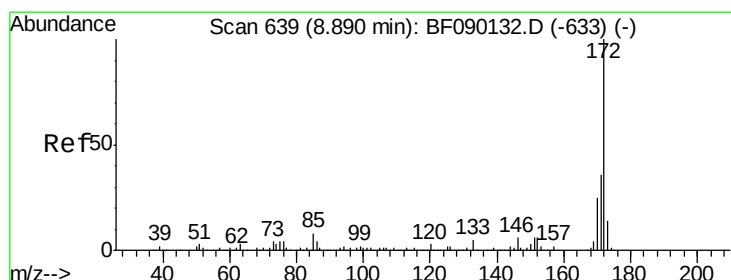
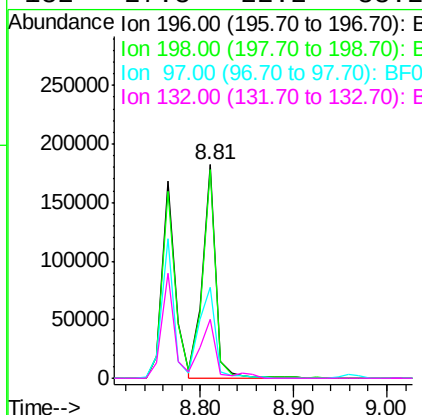
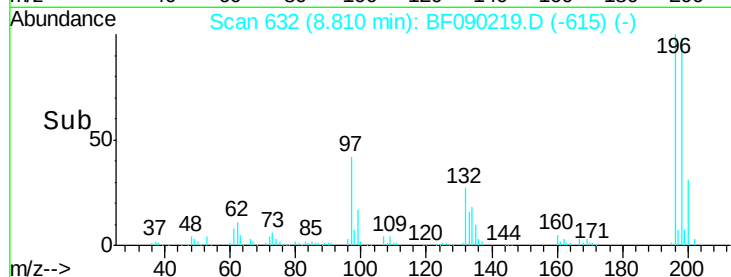
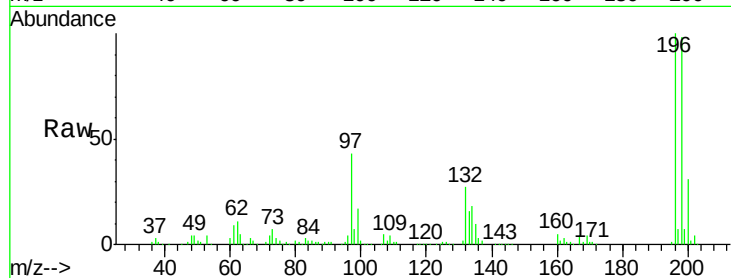
#43
 2,4,5-Trichlorophenol
 Concen: 36.42 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Instrument :
 BNA_F
 ClientSampled :
 PB93609BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		181711		
198	97.5	76.6	114.8		
97	42.8	34.4	51.6		
132	27.3	22.2	33.2		

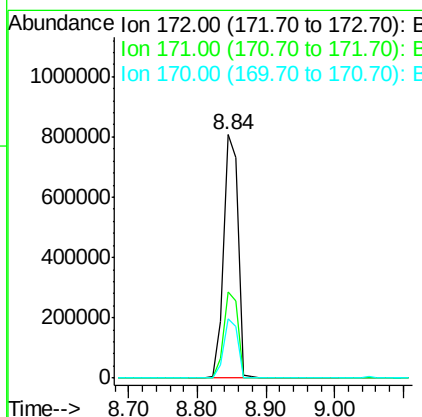
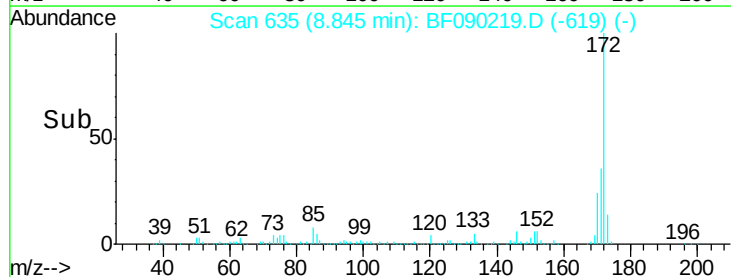
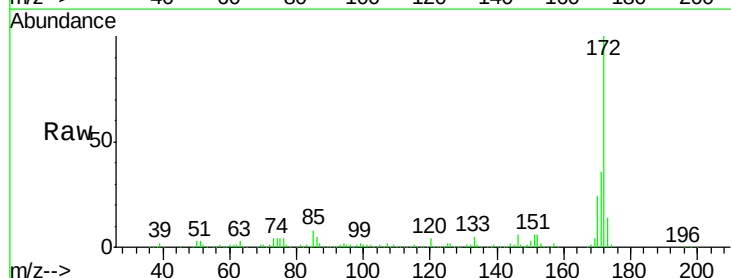
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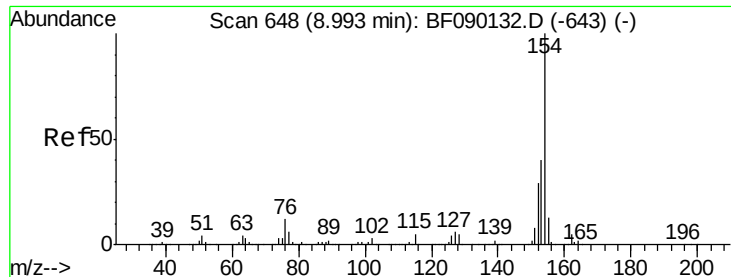
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#44
 2-Fluorobiphenyl
 Concen: 80.31 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1205110		
171	35.5	29.2	43.8		
170	24.3	19.8	29.8		





#45

1,1'-Biphenyl

Concen: 35.06 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

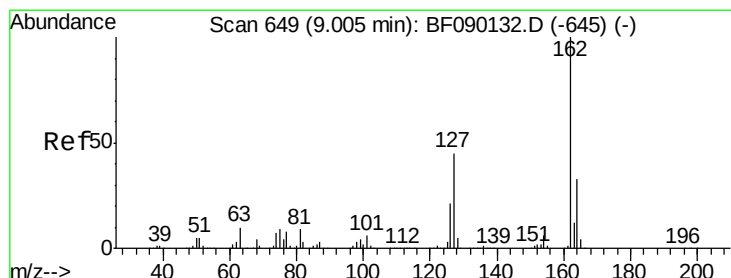
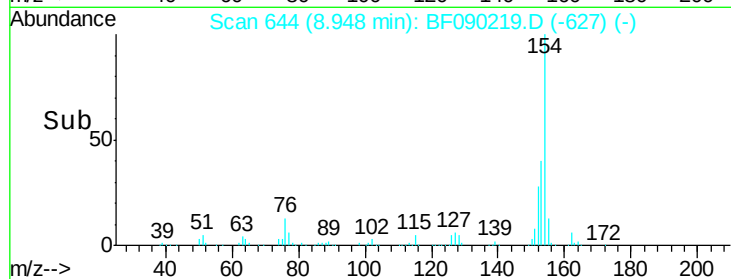
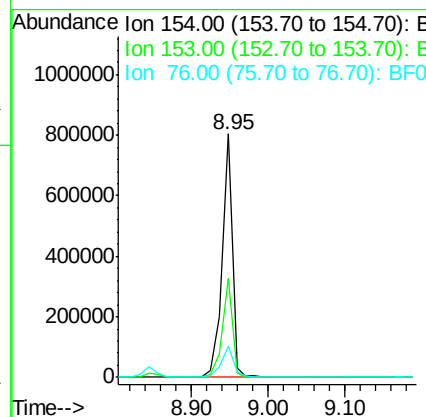
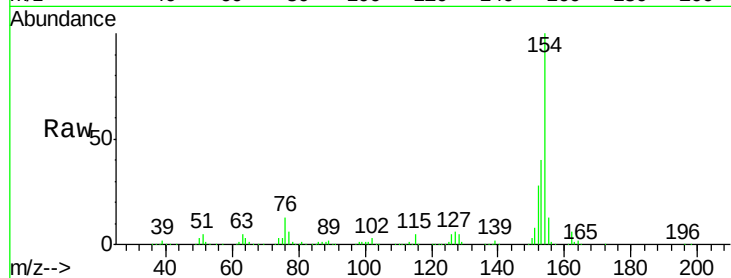
ClientSampled :

PB93609BS

Tot Ion:	154	Resp:	738839
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.6	60.6
76	12.9	0.0	36.7

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#46

2-Chloronaphthalene

Concen: 35.23 ng

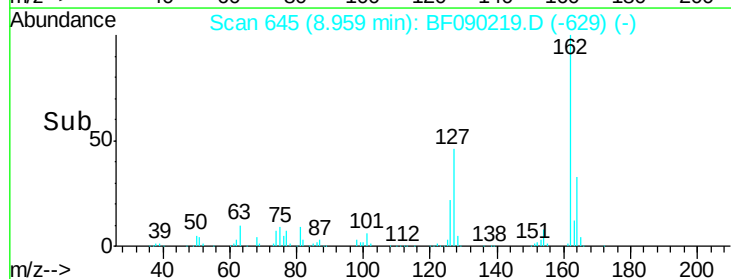
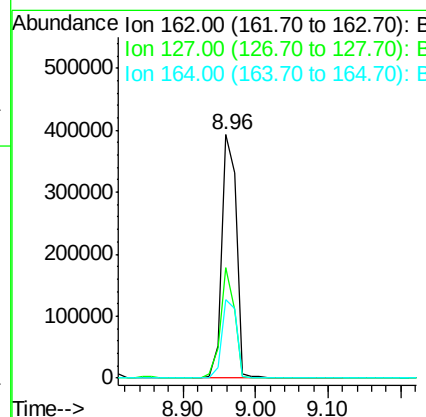
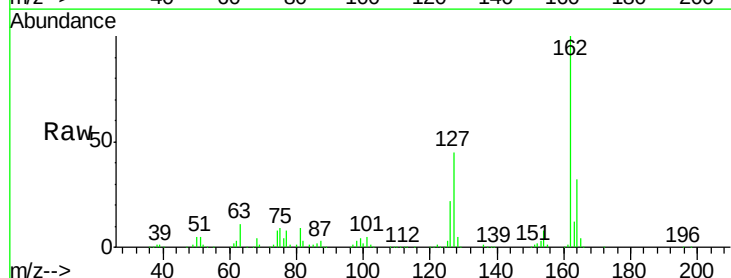
RT: 8.96 min Scan# 645

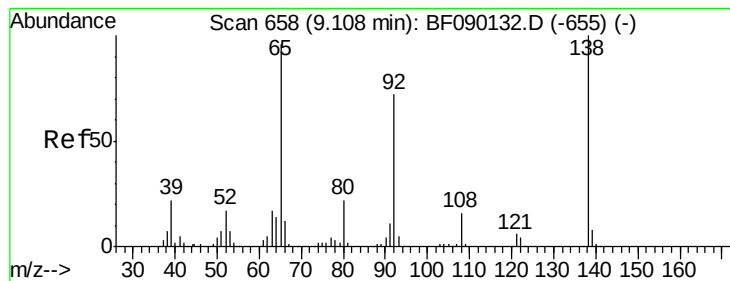
Delta R.T. -0.01 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion:	162	Resp:	547714
Ion Ratio	Lower	Upper	
162	100		
127	45.4	34.0	51.0
164	32.5	26.8	40.2





#47

2-Nitroaniline

Concen: 34.45 ng

RT: 9.06 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

ClientSampleId :

PB93609BS

Tot Ion: 65 Resp: 161496

Ion Ratio Lower Upper

65 100

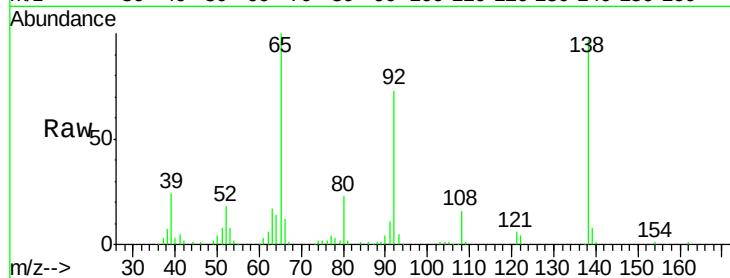
92 72.5 66.1 99.1

138 96.9 104.1 156.1#

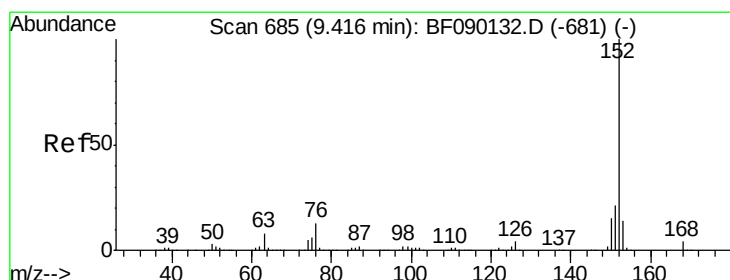
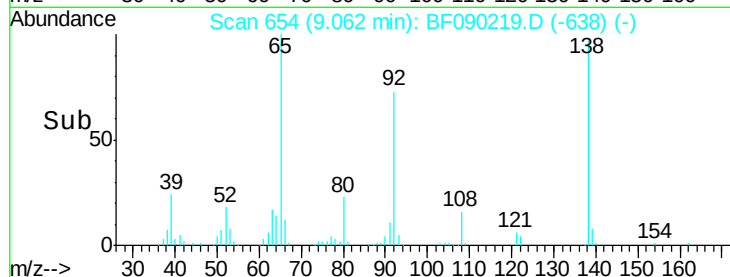
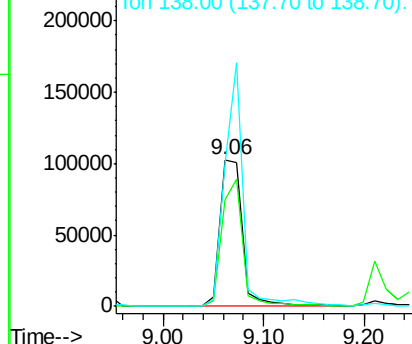
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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 32.80 ng

RT: 9.37 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

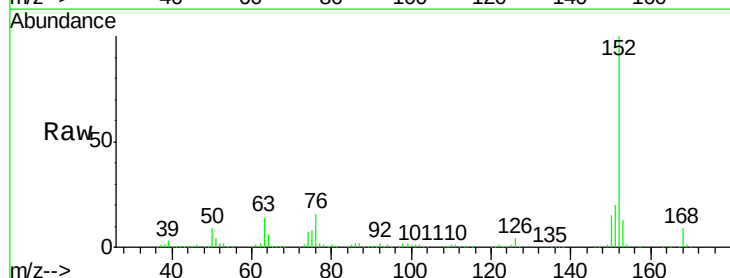
Tgt Ion: 152 Resp: 828288

Ion Ratio Lower Upper

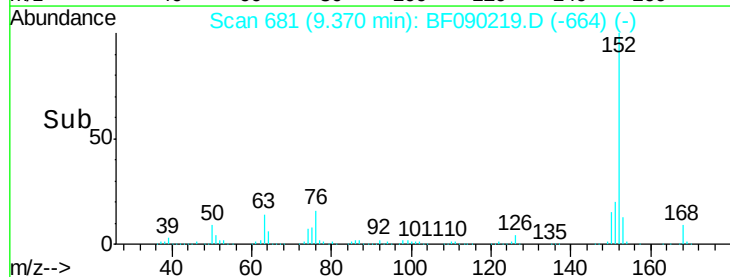
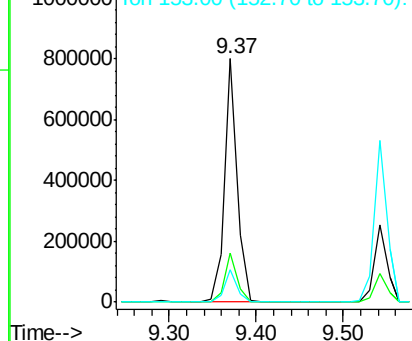
152 100

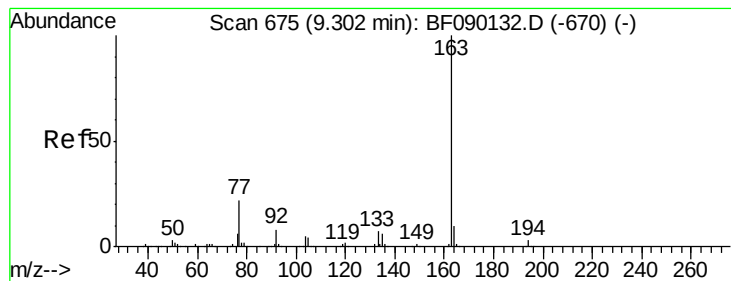
151 19.9 16.5 24.7

153 13.4 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 33.63 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

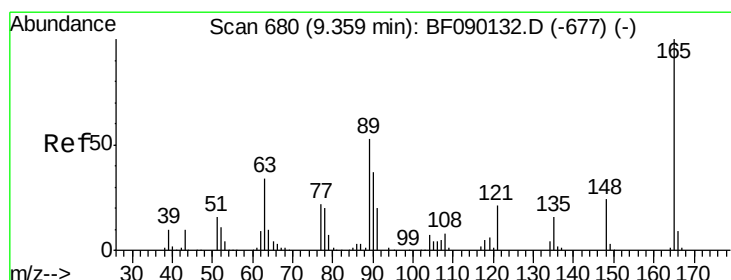
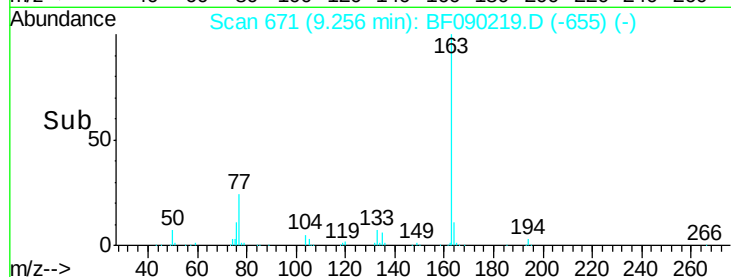
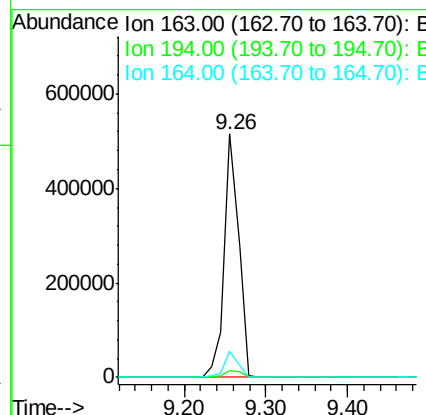
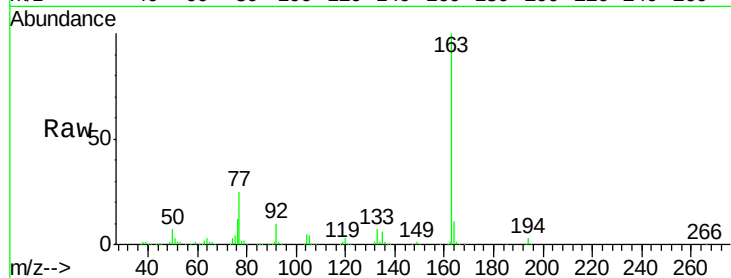
ClientSampleId :

PB93609BS

Tot Ion:	163	Resp:	631010
Ion Ratio	Lower	Upper	
163	100		
194	2.9	2.8	4.2
164	10.7	8.1	12.1

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#50

2,6-Dinitrotoluene

Concen: 32.67 ng

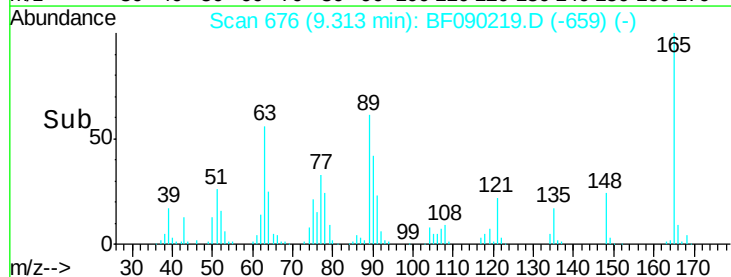
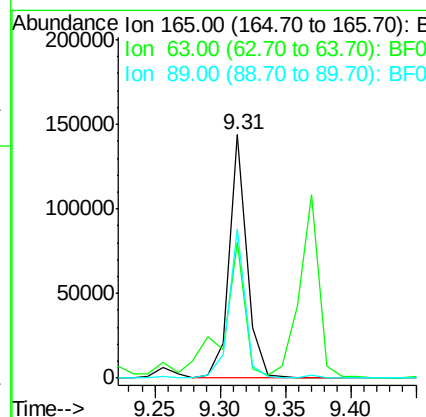
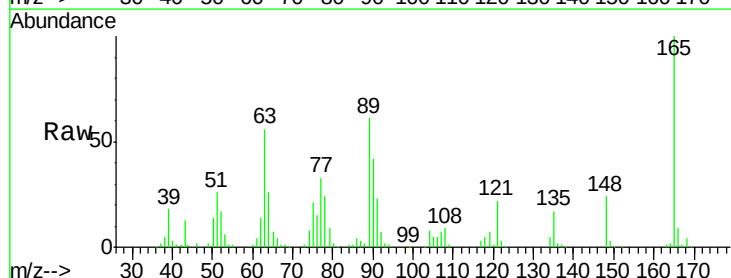
RT: 9.31 min Scan# 676

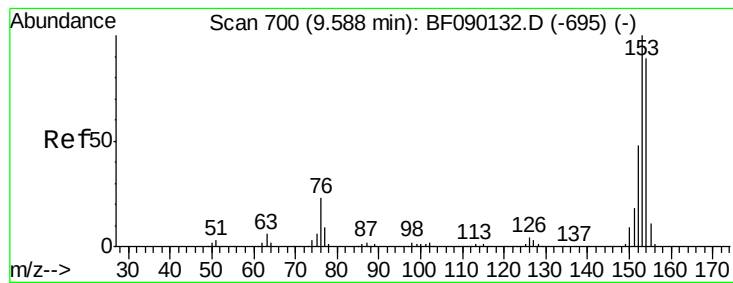
Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion:	165	Resp:	136618
Ion Ratio	Lower	Upper	
165	100		
63	55.9	49.9	74.9
89	61.4	51.0	76.4





#51

Acenaphthene

Concen: 32.86 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

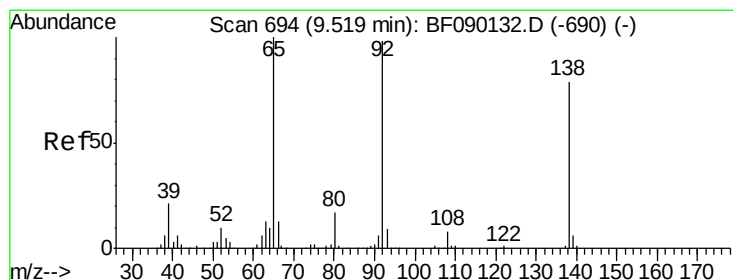
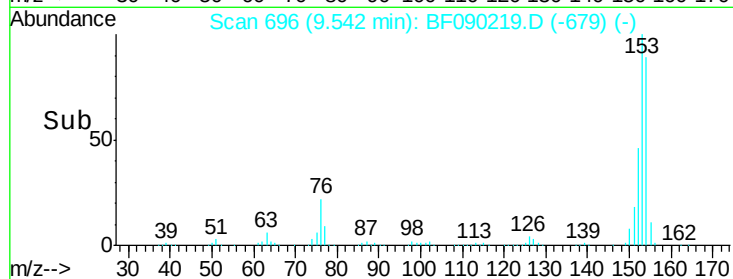
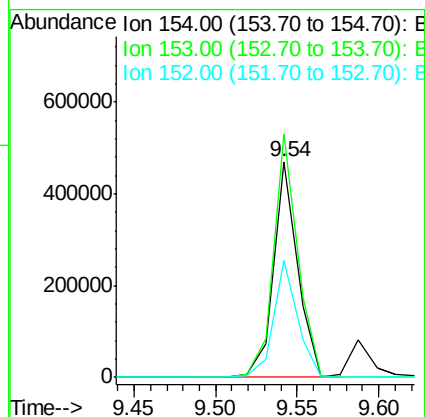
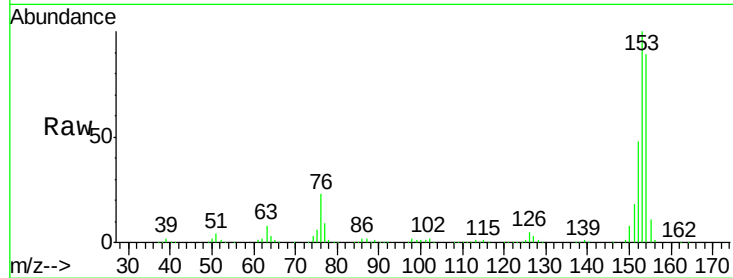
ClientSampleId :

PB93609BS

Tot Ion:	154	Resp:	492447
Ion Ratio	Lower	Upper	
154	100		
153	112.7	90.8	136.2
152	53.9	44.2	66.4

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#52

3-Nitroaniline

Concen: 19.75 ng

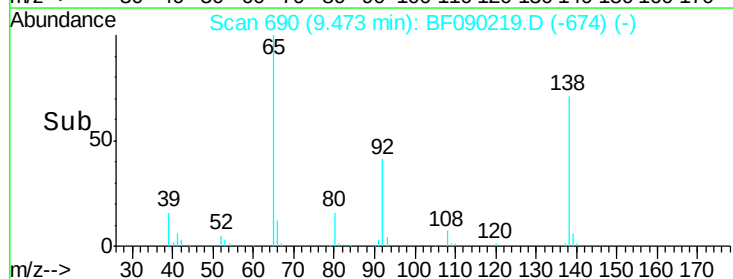
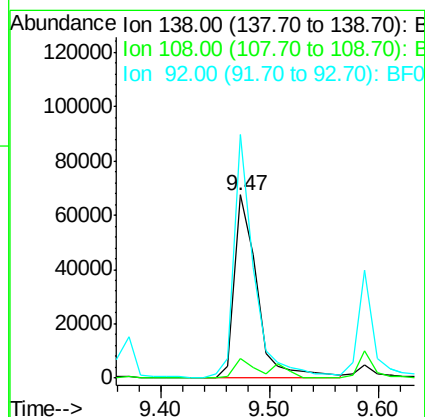
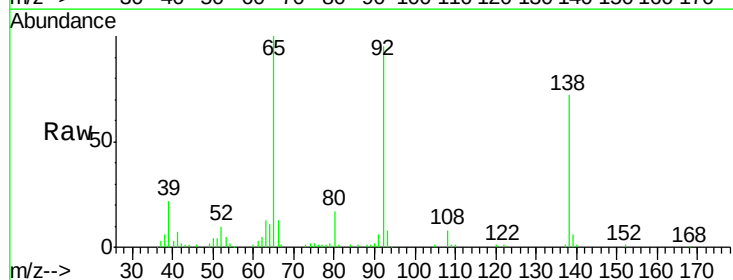
RT: 9.47 min Scan# 690

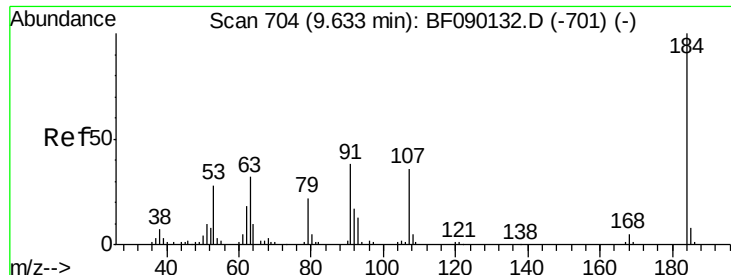
Delta R.T. -0.01 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion:	138	Resp:	96847
Ion Ratio	Lower	Upper	
138	100		
108	10.6	7.8	11.6
92	133.1	90.7	136.1





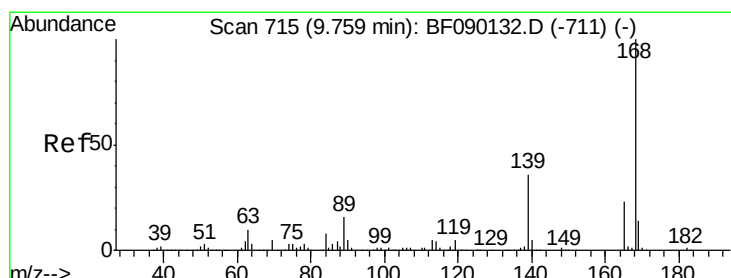
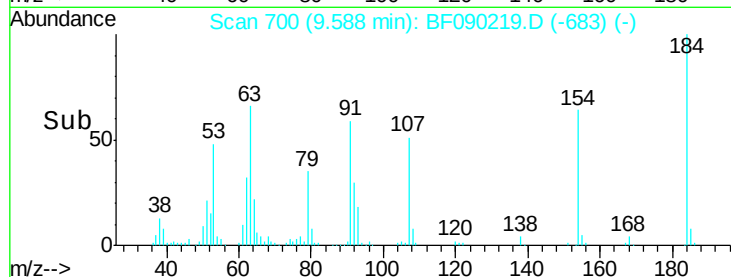
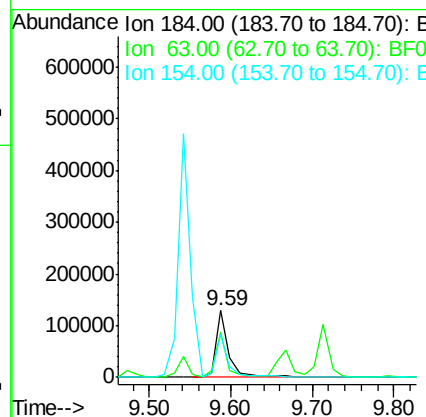
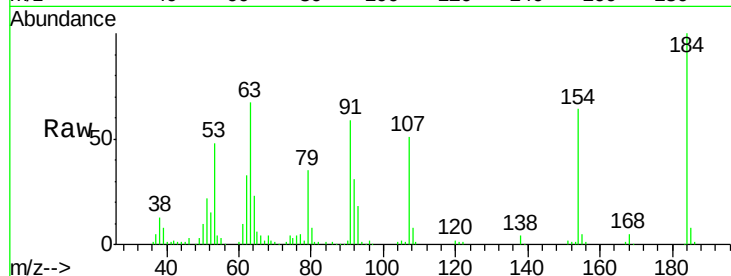
#53
 2,4-Dinitrophenol
 Concen: 61.57 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Instrument :
 BNA_F
 ClientSampleID :
 PB93609BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	142265		
63	67.3	44.6	67.0#	
154	63.5	49.7	74.5	

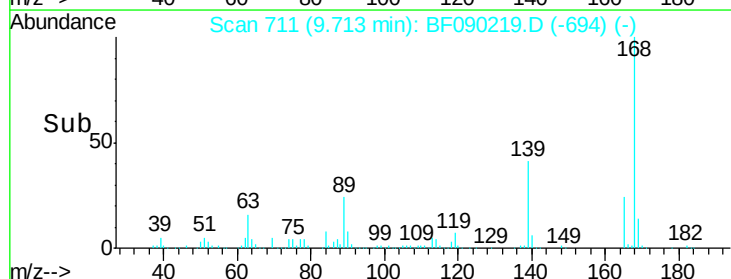
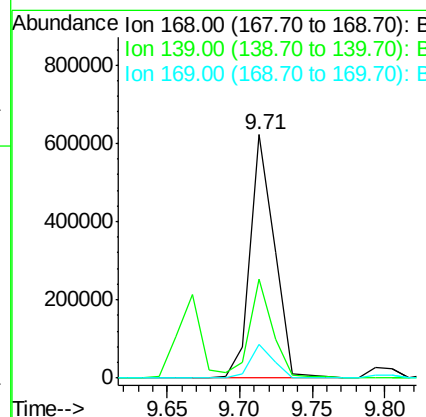
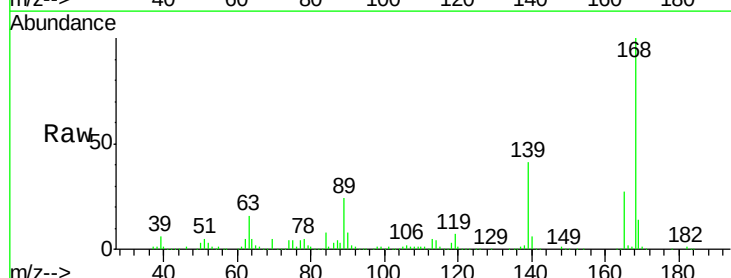
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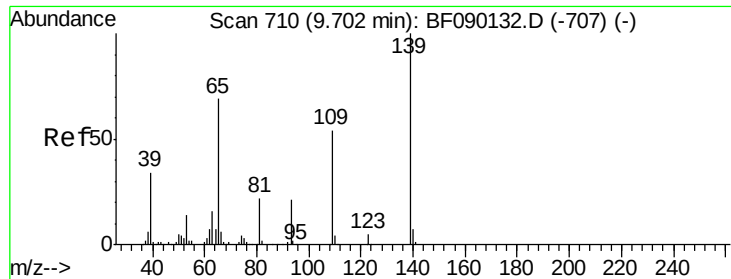
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#54
 Dibenzofuran
 Concen: 36.77 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	725197		
139	40.5	28.8	43.2	
169	13.9	10.7	16.1	





#55

4-Nitrophenol

Concen: 72.89 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

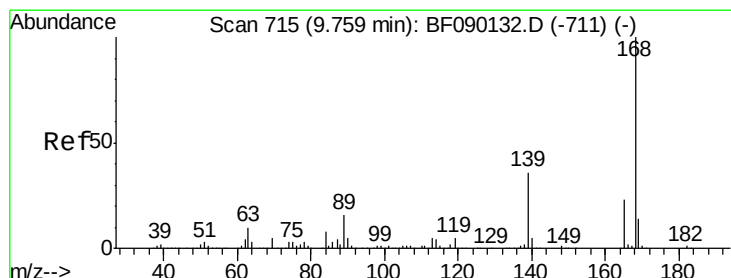
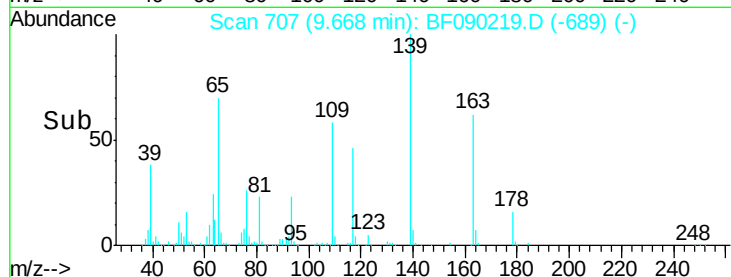
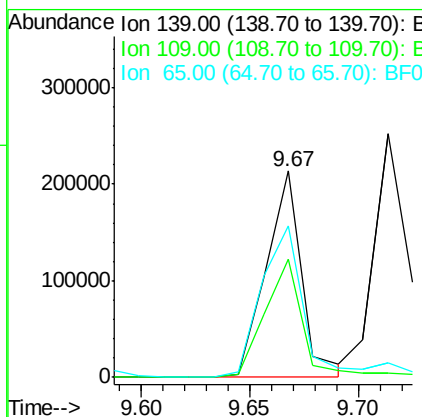
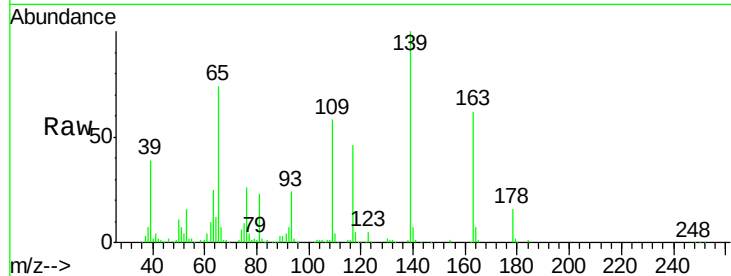
ClientSampled :

PB93609BS

Tot Ion:	139	Resp:	244836
Ion Ratio	Lower	Upper	
139	100		
109	57.5	35.6	75.6
65	73.7	55.5	95.5

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#56

2,4-Dinitrotoluene

Concen: 33.90 ng

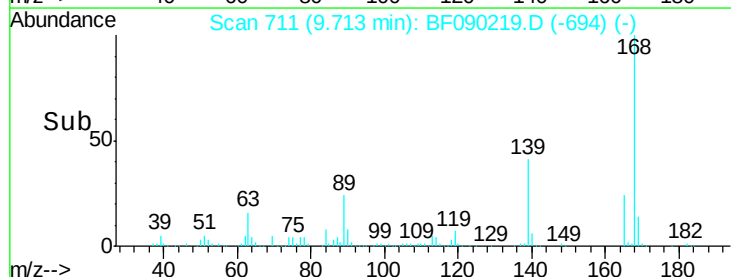
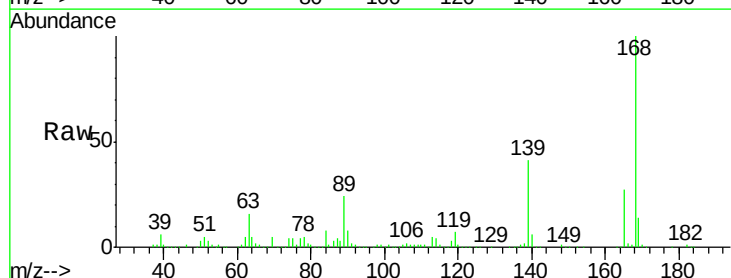
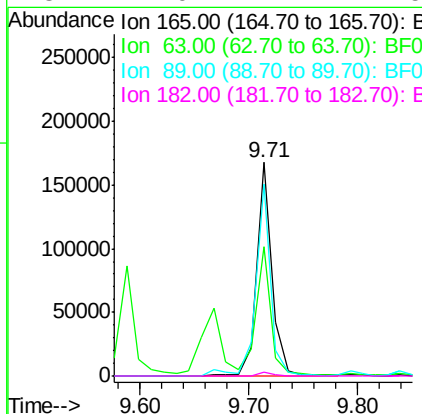
RT: 9.71 min Scan# 711

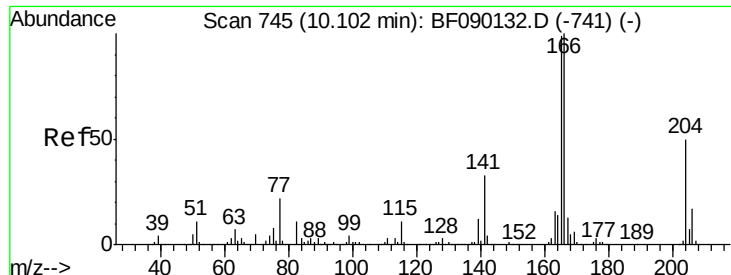
Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion:	165	Resp:	167643
Ion Ratio	Lower	Upper	
165	100		
63	60.4	44.4	66.6
89	90.0	70.1	105.1
182	2.0	1.7	2.5





#57

Fluorene

Concen: 37.56 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

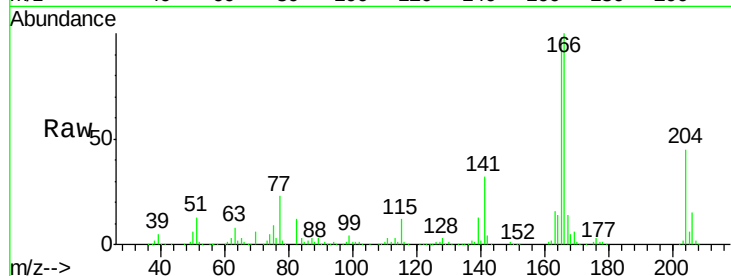
ClientSampleId :

PB93609BS

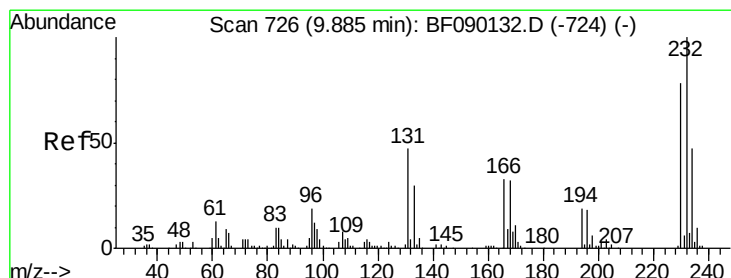
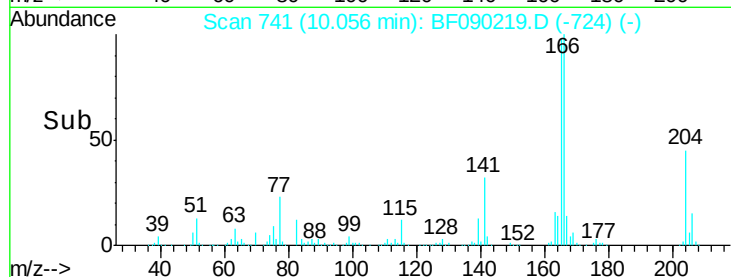
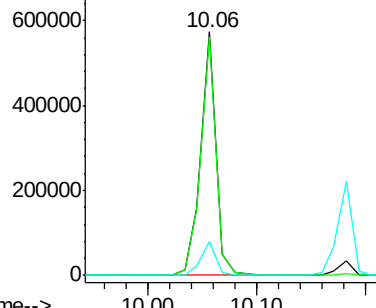
Tot Ion:	166	Resp:	558267
Ion Ratio		Lower	Upper
166	100		
165	97.8	78.5	117.7
167	14.0	11.2	16.8

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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: 37.38 ng

RT: 9.84 min Scan# 722

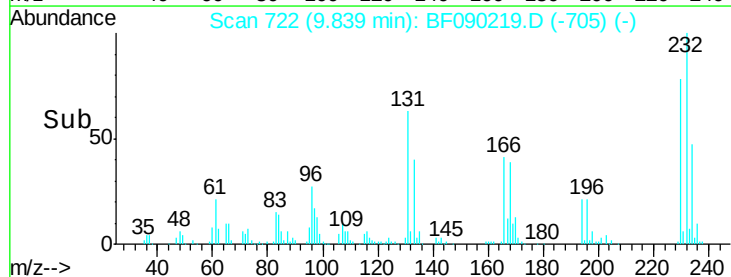
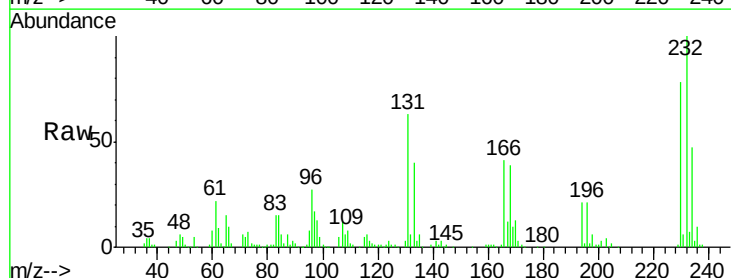
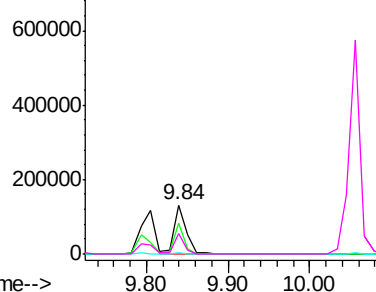
Delta R.T. -0.00 min

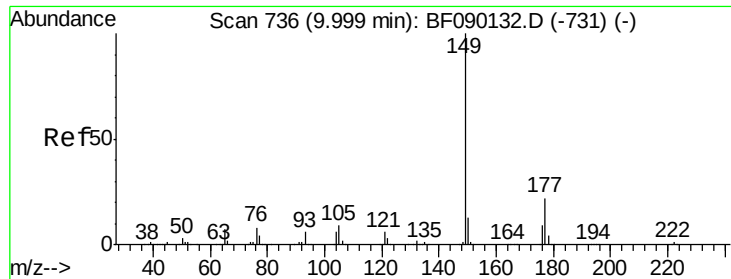
Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion:	232	Resp:	139612
Ion Ratio		Lower	Upper
232	100		
131	53.1	42.2	63.4
130	2.5	1.9	2.9
166	35.7	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





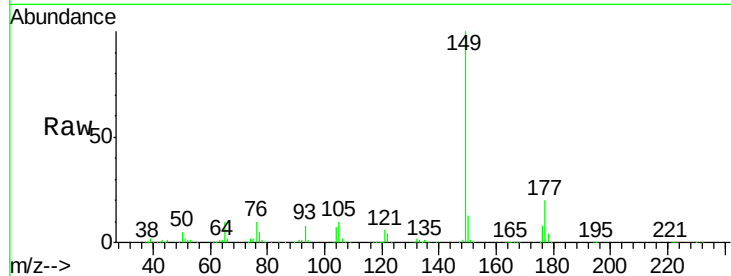
#59
Diethylphthalate
Concen: 33.49 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB93609BS

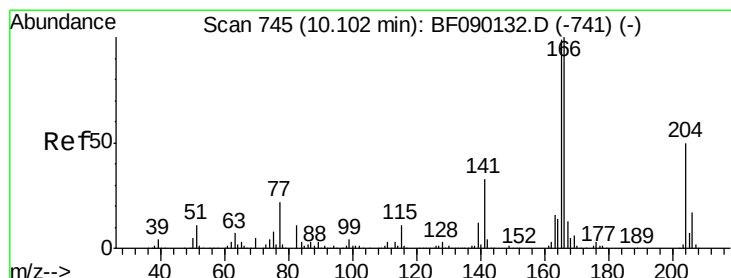
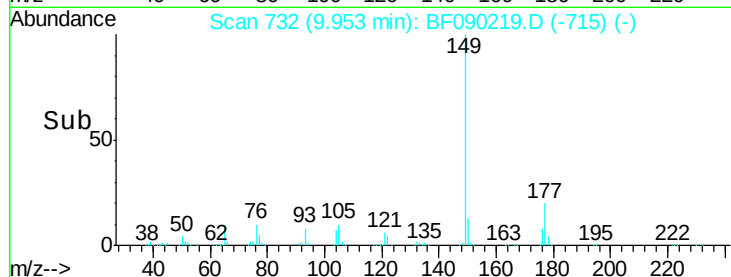
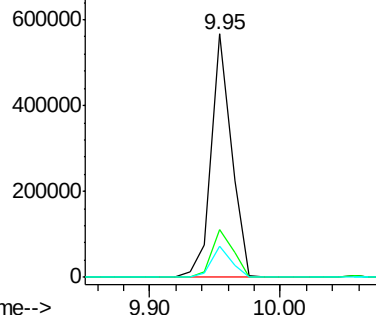
Tot Ion	Ratio	Resp	Lower	Upper
149	100	606929		
177	19.5		15.8	23.6
150	12.9		10.4	15.6

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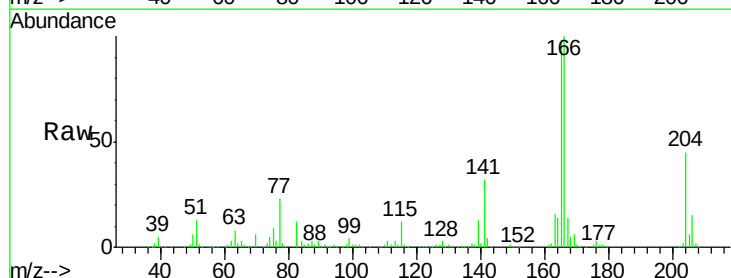


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

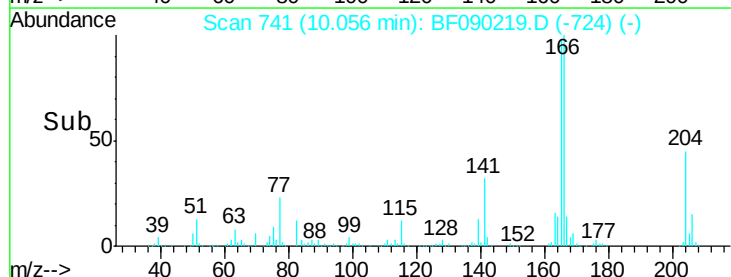
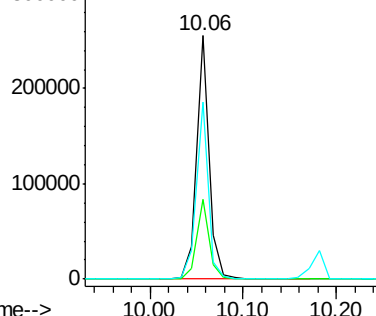


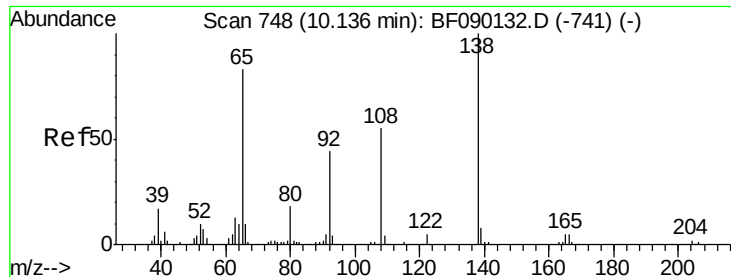
#60
4-Chlorophenyl-phenylether
Concen: 34.96 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	236944		
206	32.7		25.6	38.4
141	72.5		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





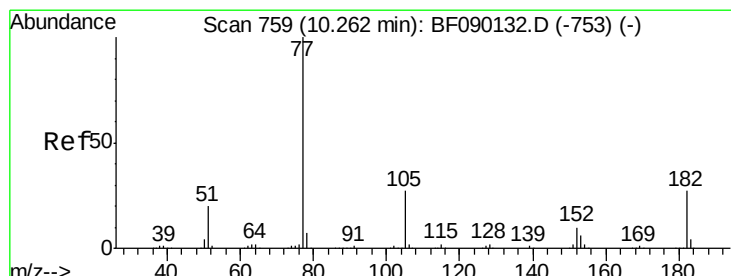
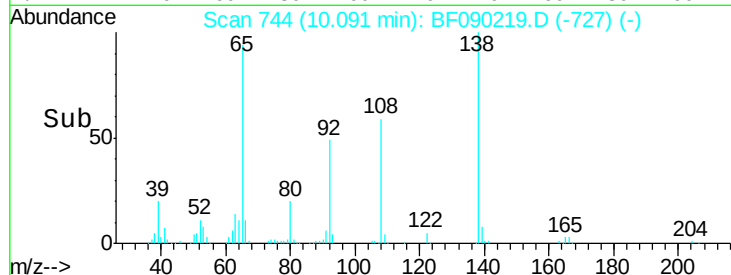
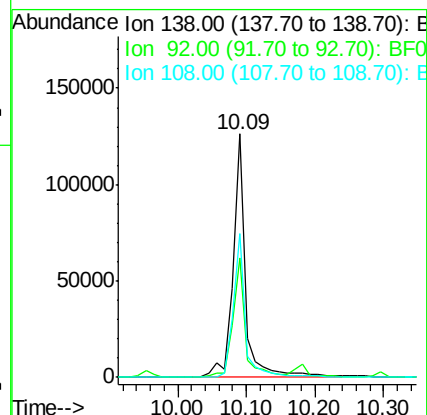
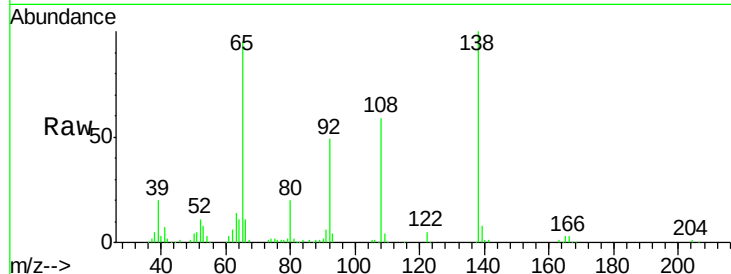
#61
4-Nitroaniline
Concen: 32.62 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampled :
PB93609BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.0	23.8	63.8
108	59.2	35.0	75.0

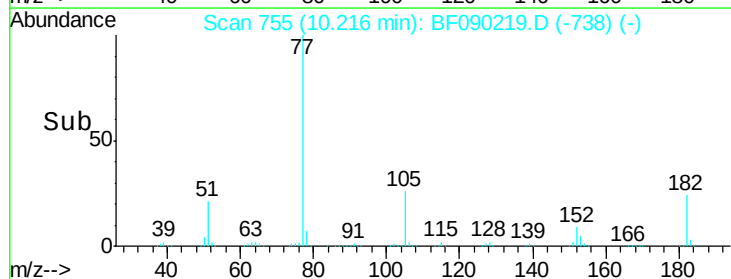
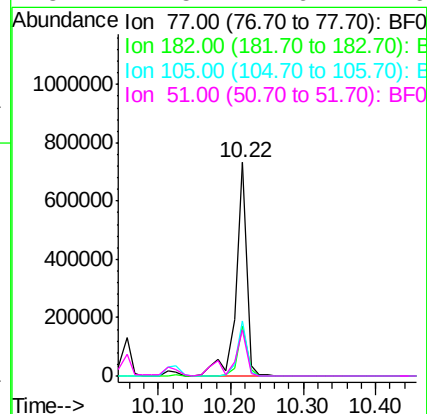
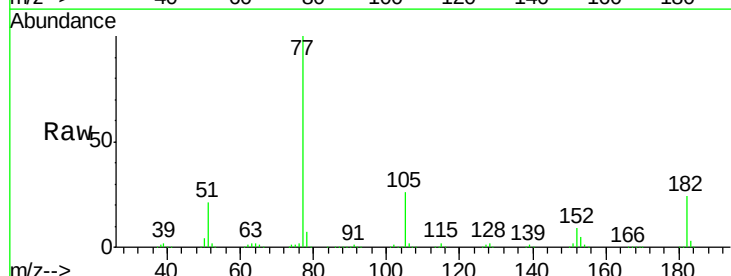
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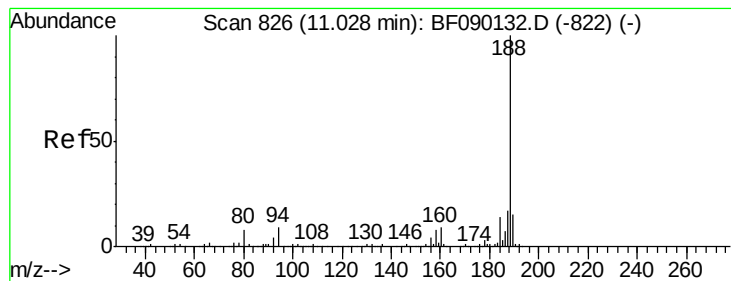
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#62
Azobenzene
Concen: 39.29 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	0.0	38.4
105	25.6	3.8	43.8
51	21.5	2.6	42.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.98 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

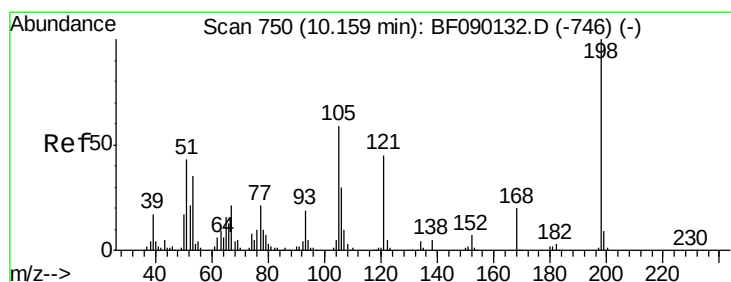
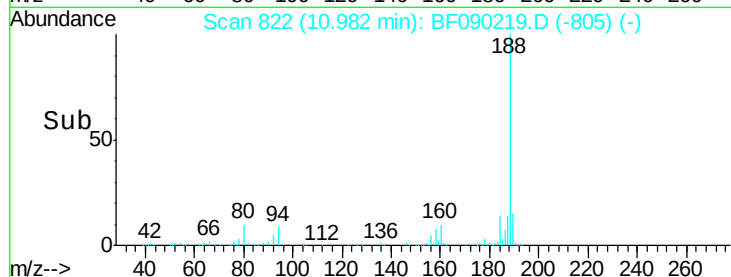
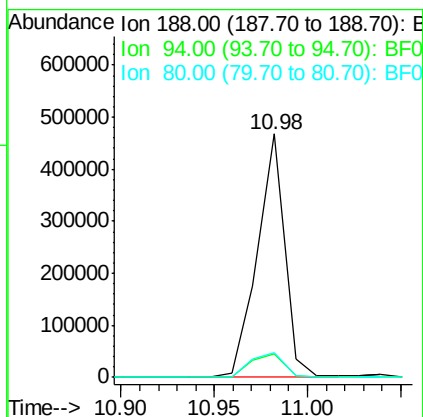
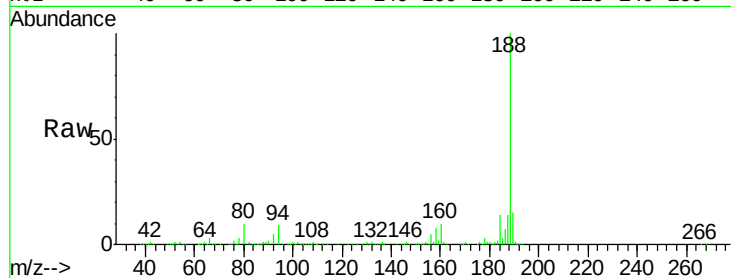
ClientSampleId :

PB93609BS

Tot Ion:	188	Resp:	476318
Ion Ratio	Lower	Upper	
188	100		
94	9.4	10.5	15.7#
80	9.9	11.2	16.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 33.85 ng

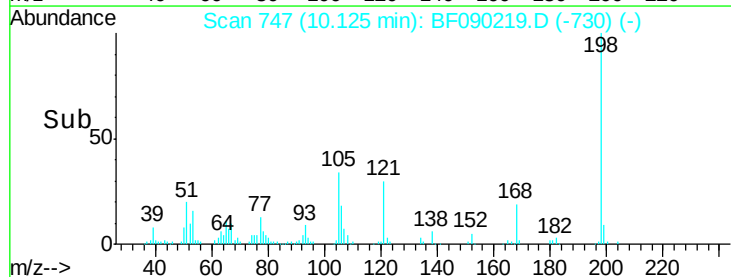
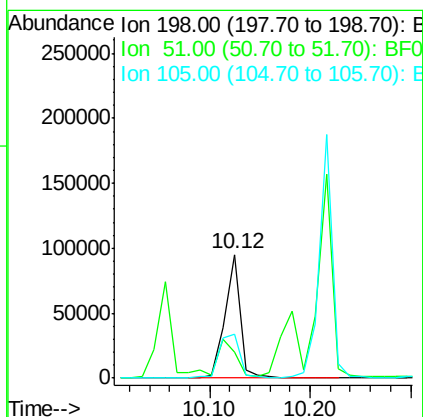
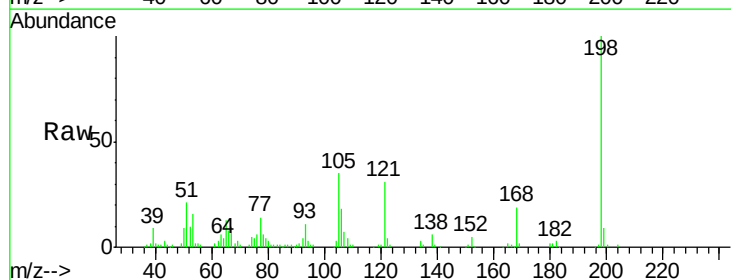
RT: 10.12 min Scan# 747

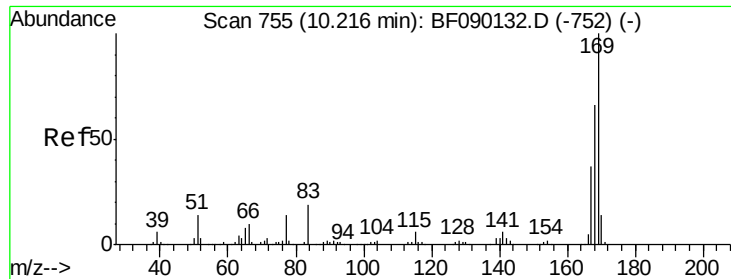
Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion:	198	Resp:	100997
Ion Ratio	Lower	Upper	
198	100		
51	21.0	5.5	45.5
105	35.4	21.8	61.8





#65

n-Nitrosodiphenylamine

Concen: 36.76 ng

RT: 10.18 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

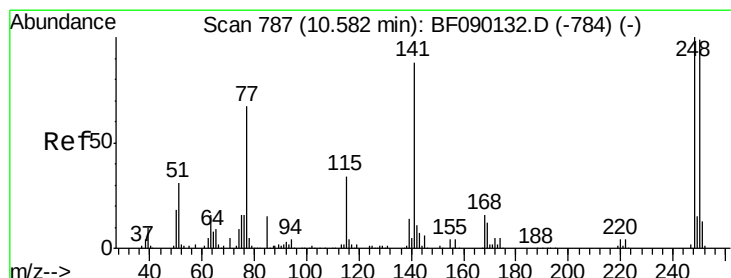
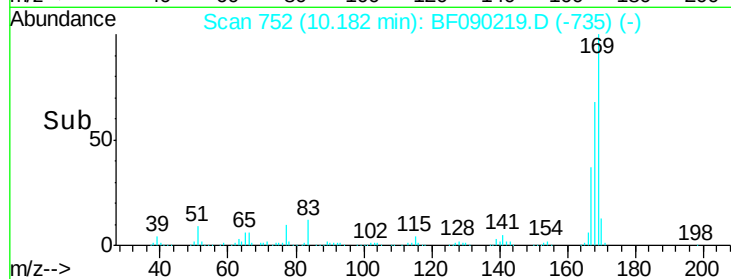
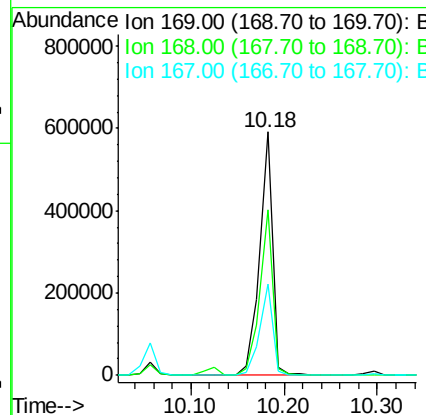
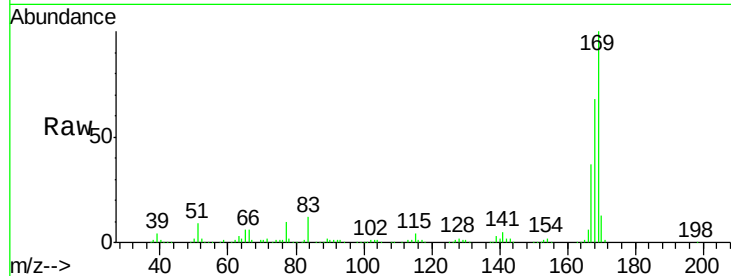
ClientSampleId :

PB93609BS

Tot Ion:	169	Resp:	575768
Ion Ratio	Lower	Upper	
169	100		
168	67.8	54.2	81.4
167	37.3	30.3	45.5

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#66

4-Bromophenyl-phenylether

Concen: 33.58 ng

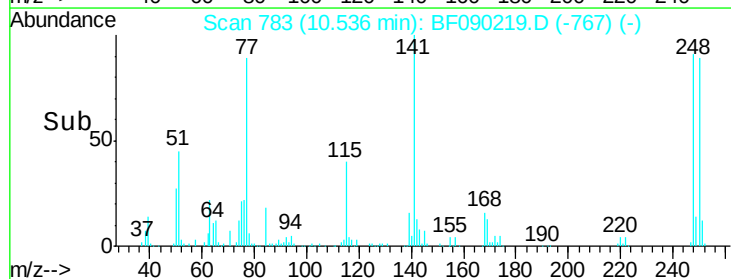
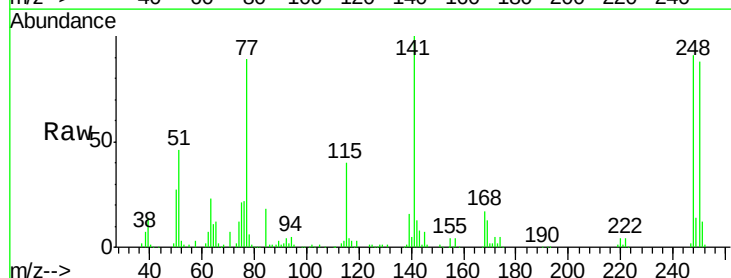
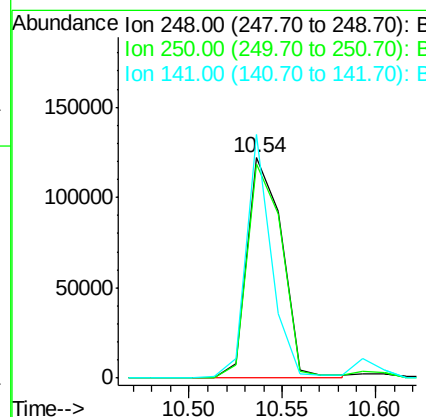
RT: 10.54 min Scan# 783

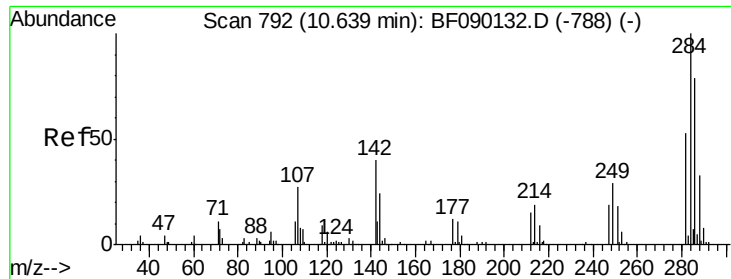
Delta R.T. -0.01 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion:	248	Resp:	157373
Ion Ratio	Lower	Upper	
248	100		
250	97.4	79.4	119.2
141	110.5	49.3	73.9#





#67

Hexachlorobenzene

Concen: 34.40 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

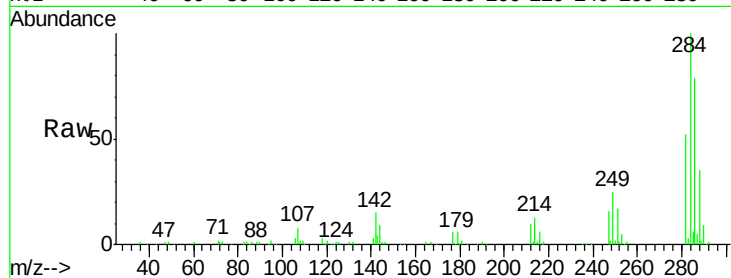
ClientSampleId :

PB93609BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	187914		
142	15.2	24.0	36.0#	
249	25.3	23.8	35.6	

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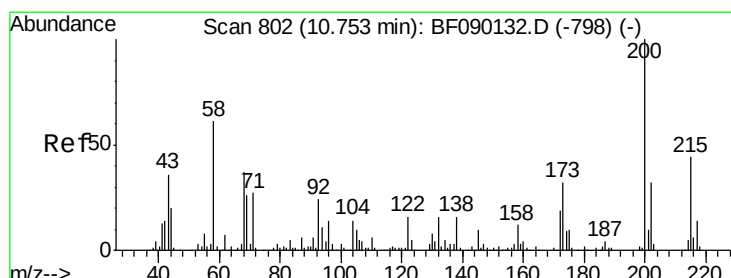
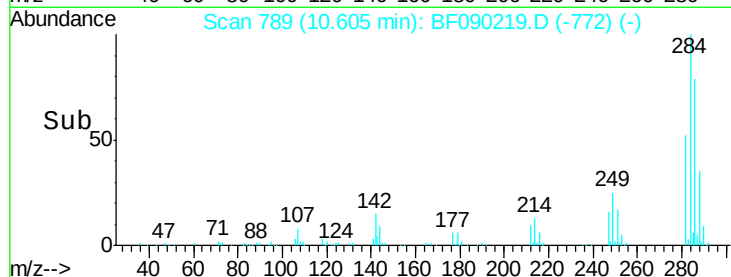
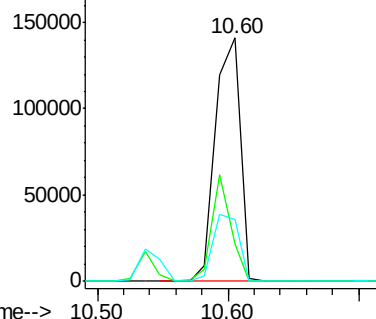
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.95 ng

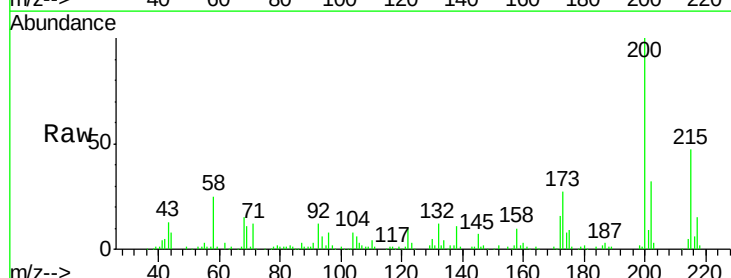
RT: 10.72 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

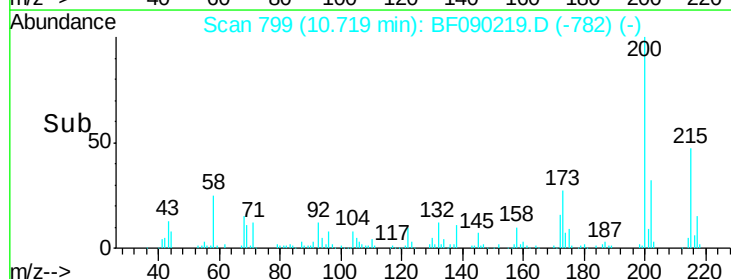
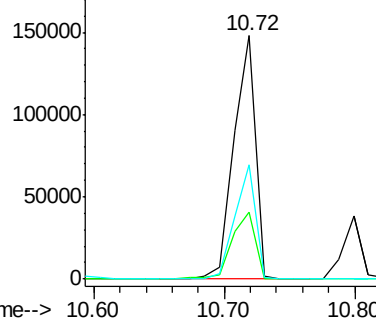
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	171477		
173	27.4	9.3	49.3	
215	47.2	26.1	66.1	

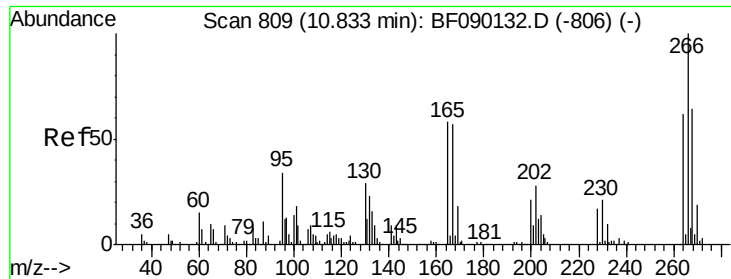


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





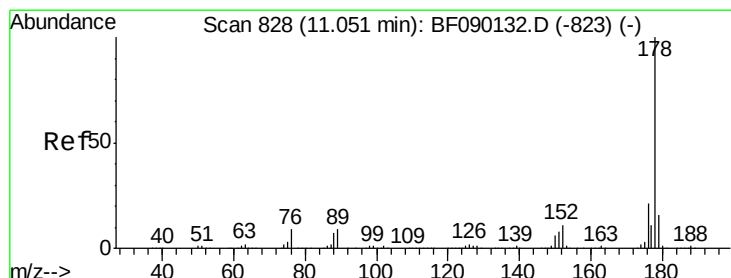
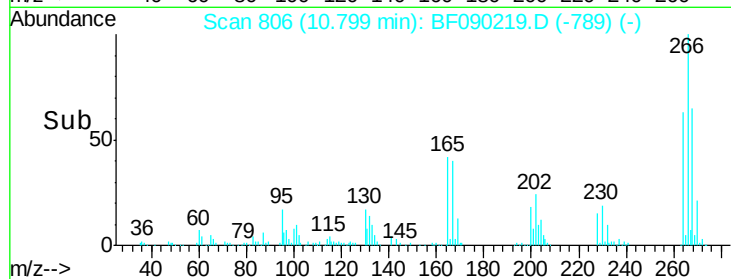
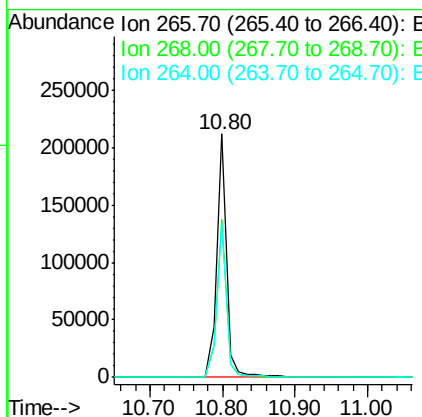
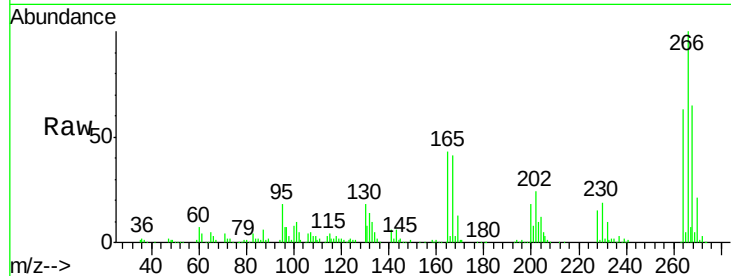
#69
 Pentachlorophenol
 Concen: 65.11 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Instrument :
 BNA_F
 ClientSampled :
 PB93609BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.7	52.1	78.1
264	63.1	50.3	75.5

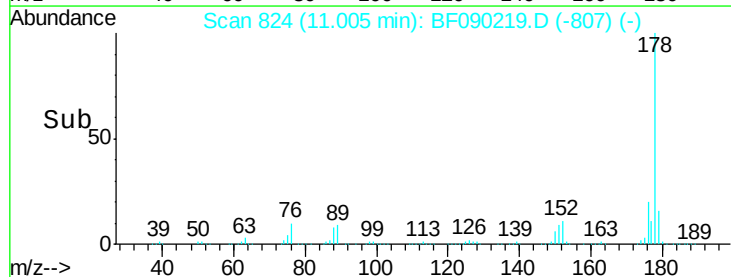
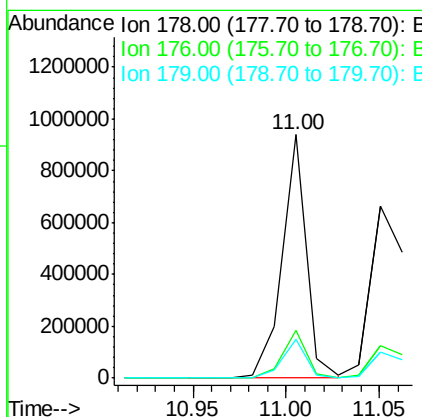
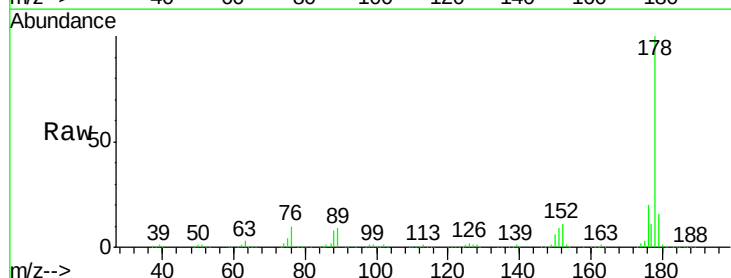
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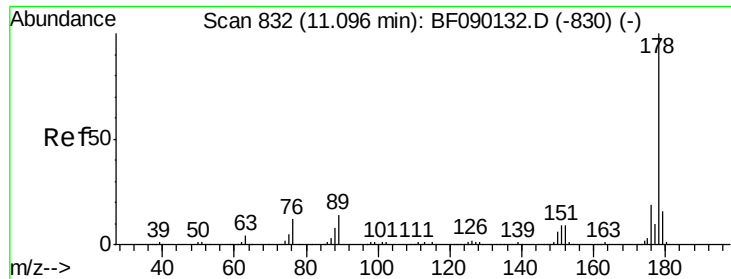
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#70
 Phenanthrene
 Concen: 38.15 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	15.8	12.9	19.3





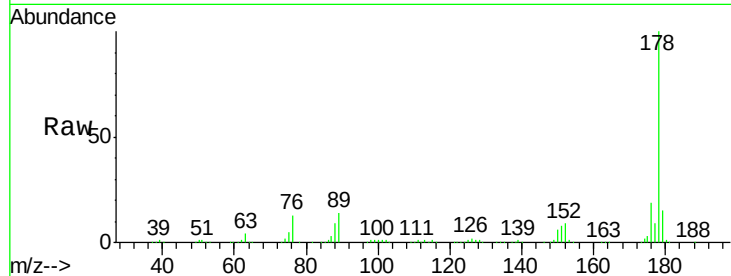
#71
 Anthracene
 Concen: 36.80 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB93609BS

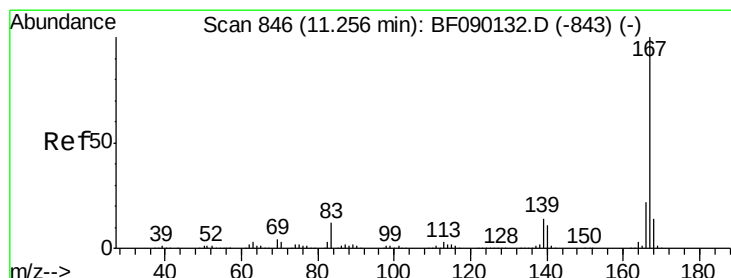
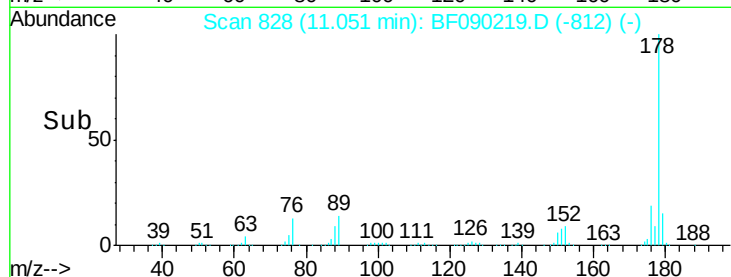
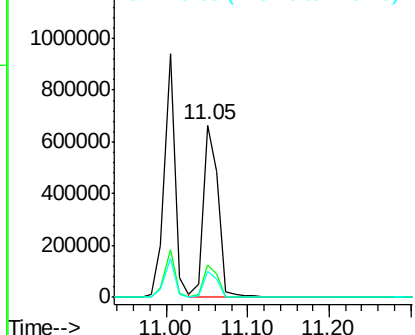
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.6
179	15.5	12.6	19.0

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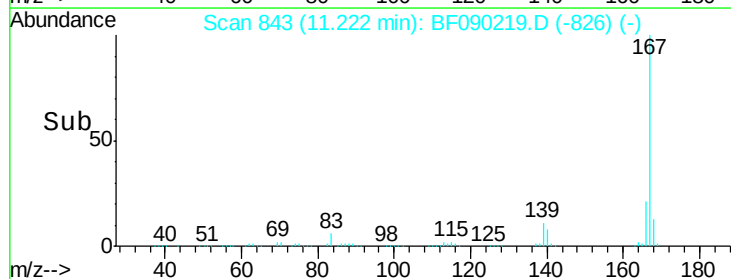
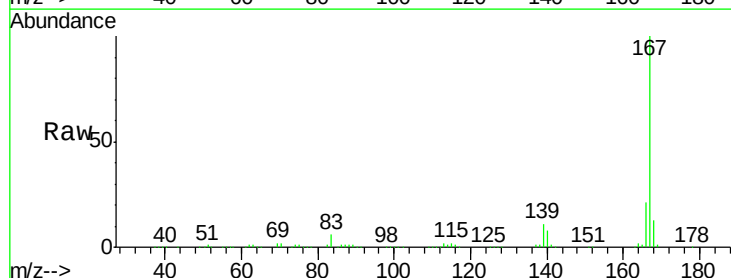
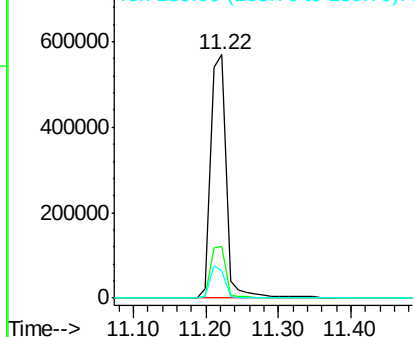
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

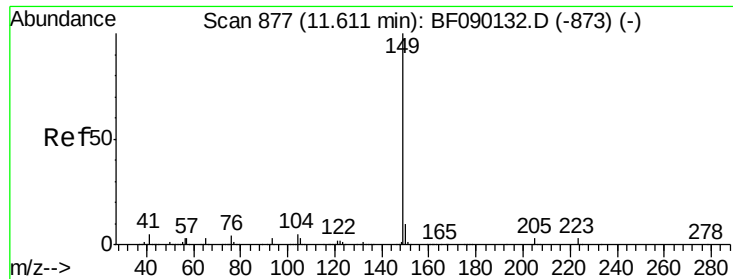


#72
 Carbazole
 Concen: 34.52 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	18.0	27.0
139	11.0	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: 34.71 ng

RT: 11.56 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

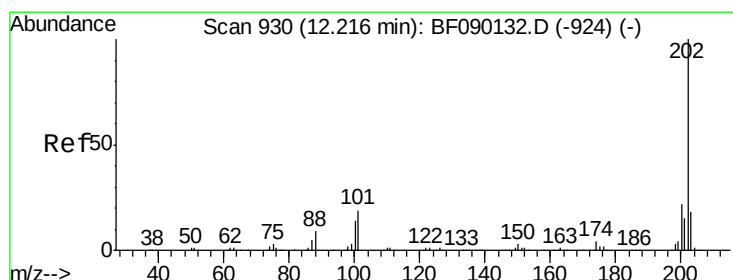
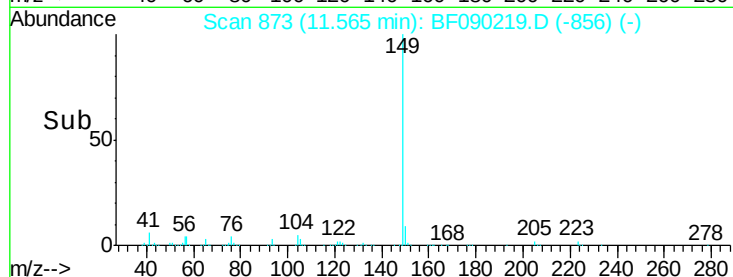
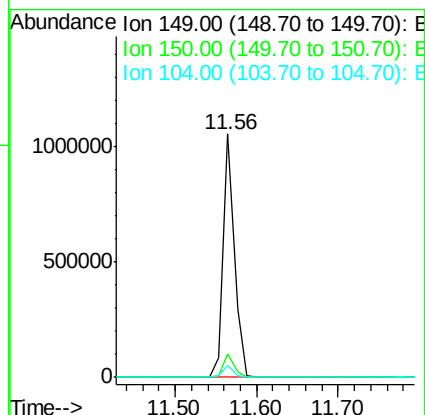
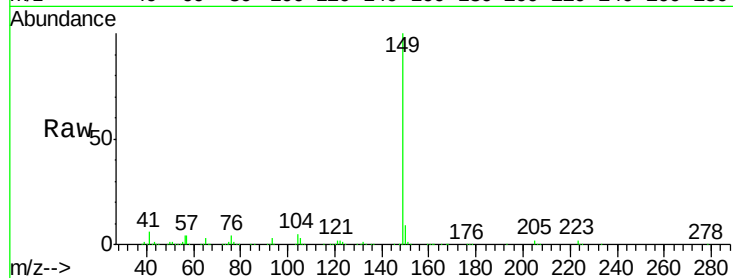
ClientSampled :

PB93609BS

Tot Ion:	149	Resp:	996980
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.8
104	4.8	3.9	5.9

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#74

Fluoranthene

Concen: 38.19 ng

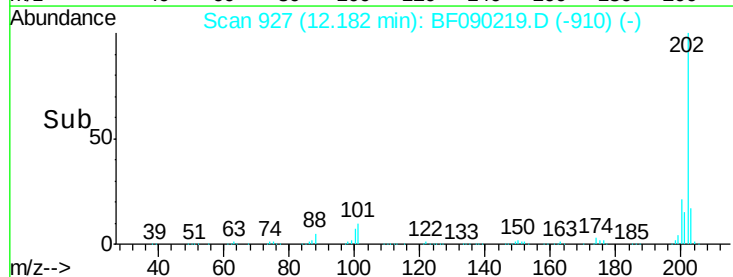
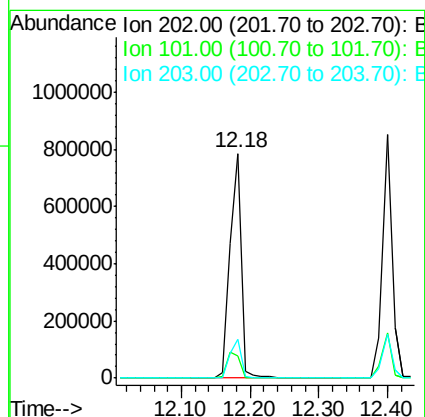
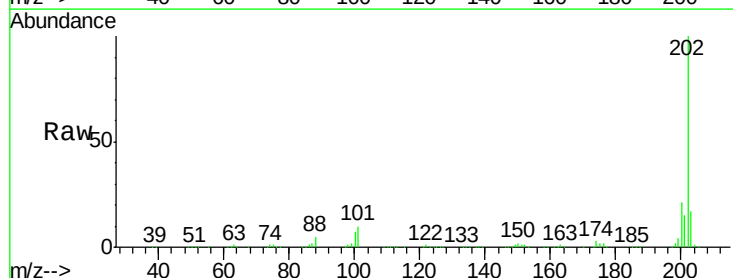
RT: 12.18 min Scan# 927

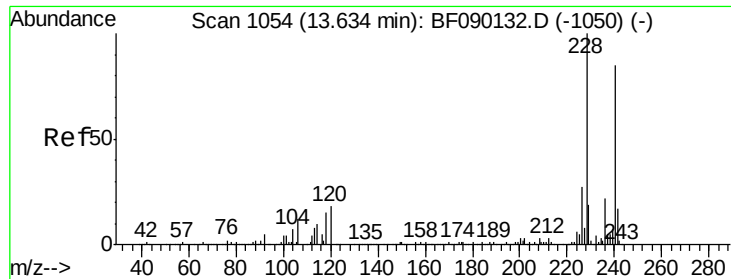
Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion:	202	Resp:	913151
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	36.1
203	17.4	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

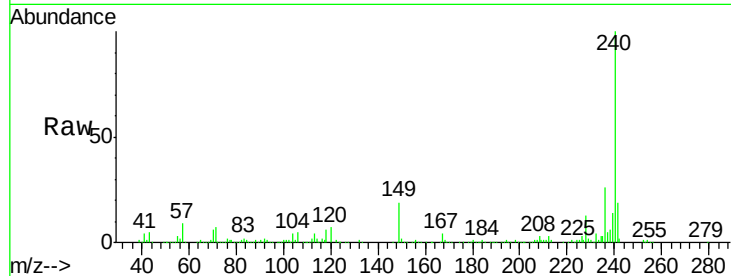
ClientSampleId :

PB93609BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	367410		
120	7.4	10.6	16.0	
236	25.6	21.6	32.4	

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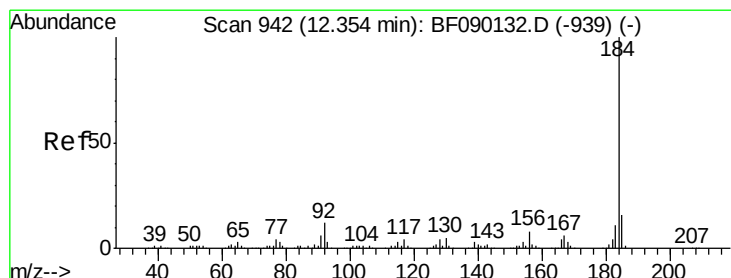
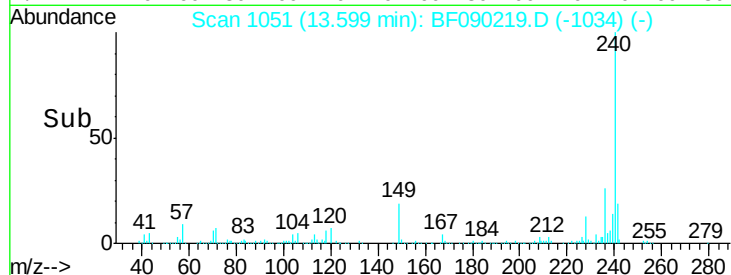
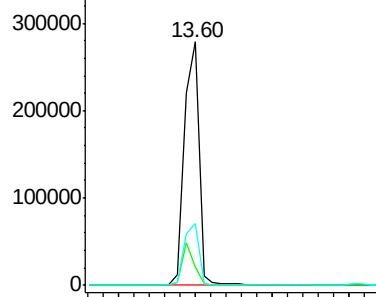
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.16 ng

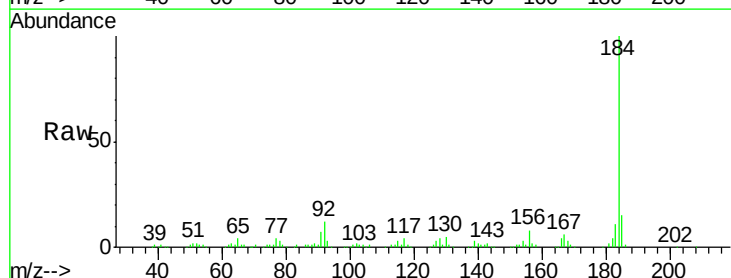
RT: 12.31 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

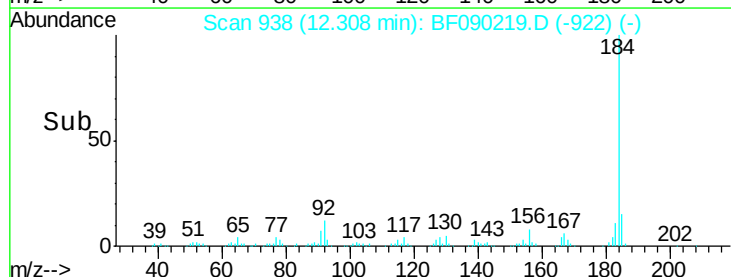
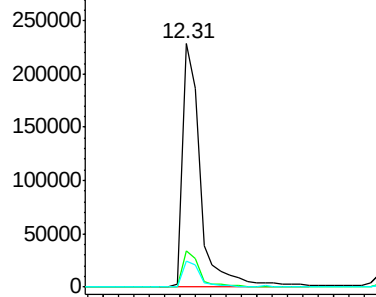
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	370906		
185	14.8	13.2	19.8	
183	10.9	9.2	13.8	

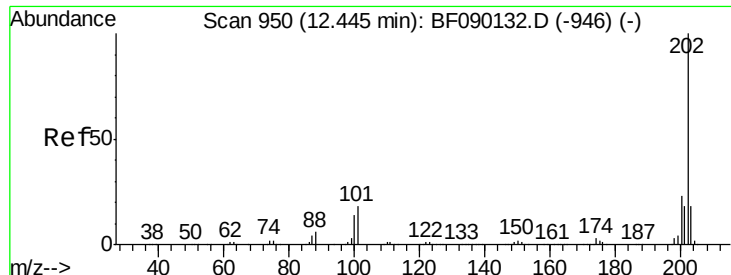


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





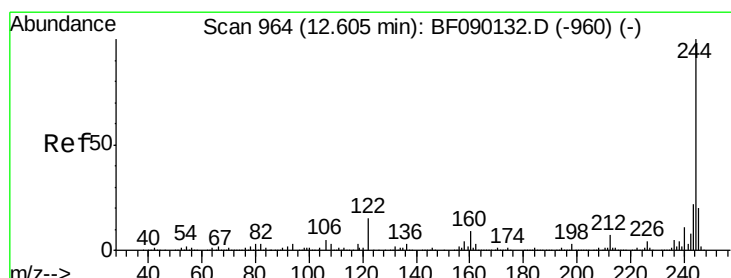
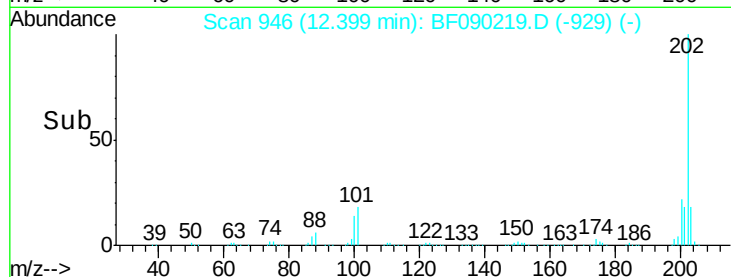
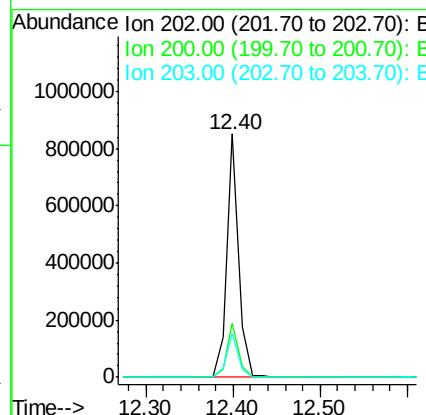
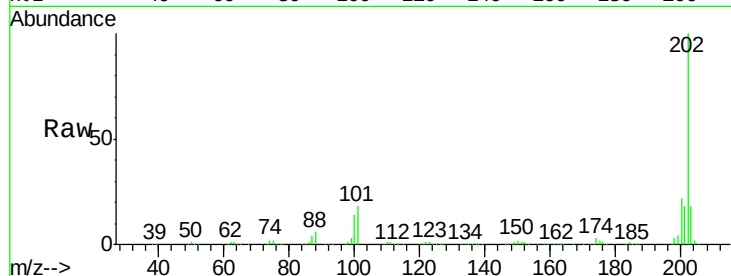
#77
Pvrene
Concen: 32.44 ng
RT: 12.40 min Scan# 946
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampled :
PB93609BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.9	26.9
203	18.1	14.2	21.4

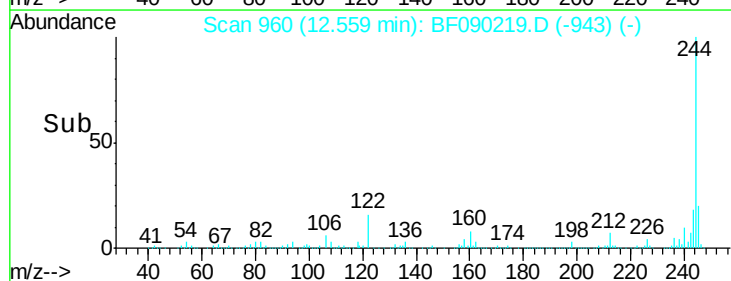
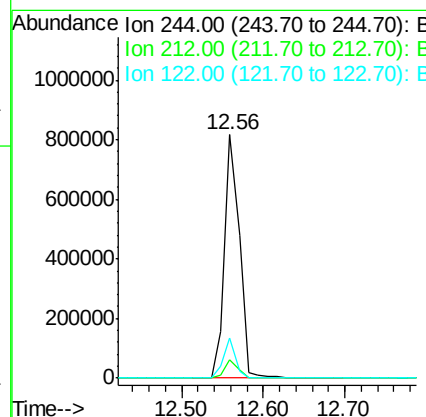
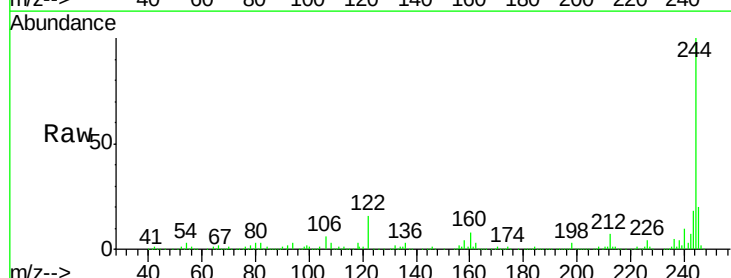
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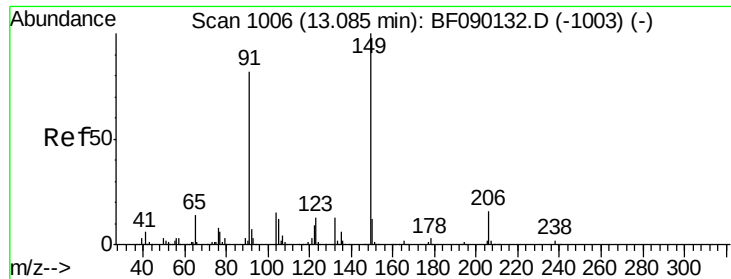
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#78
Terphenyl-d14
Concen: 71.19 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	16.4	9.4	14.0





#79

Butylbenzylphthalate

Concen: 37.92 ng

RT: 13.05 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

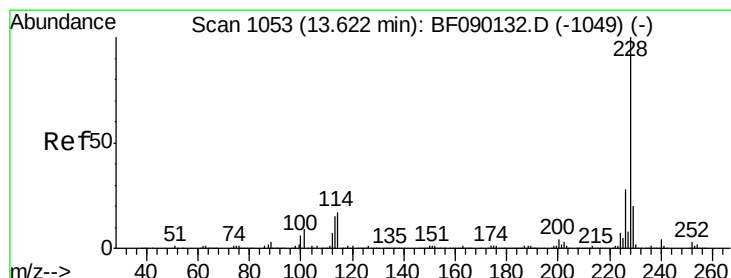
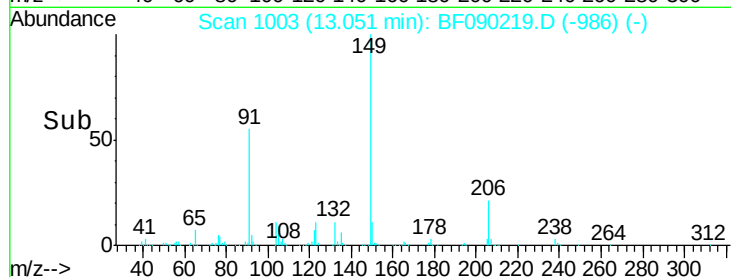
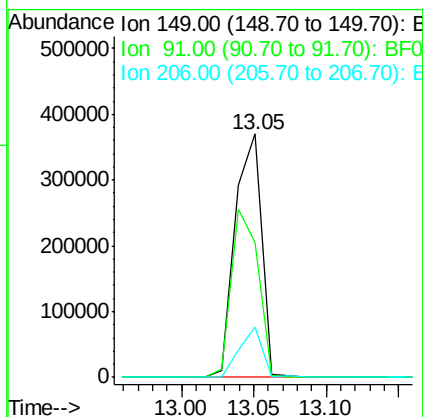
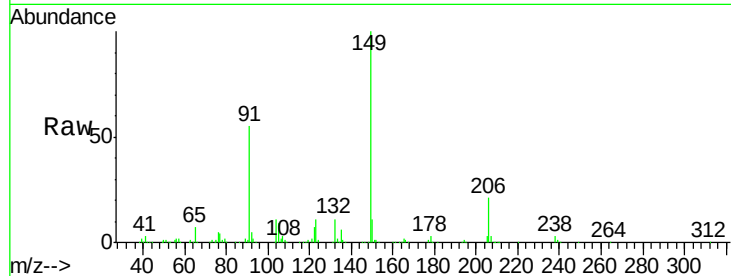
ClientSampled :

PB93609BS

Tot Ion:	149	Resp:	466333
Ion Ratio	Lower	Upper	
149	100		
91	55.3	49.8	74.6
206	20.9	16.3	24.5

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#80

Benzo(a)anthracene

Concen: 37.54 ng

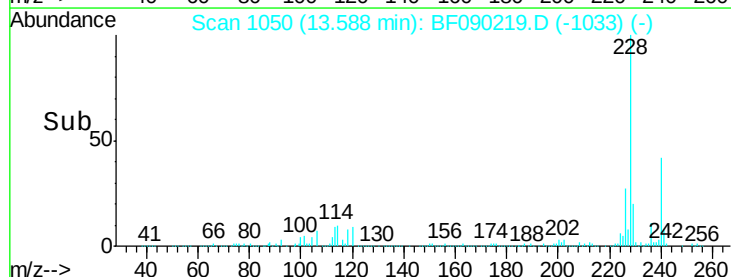
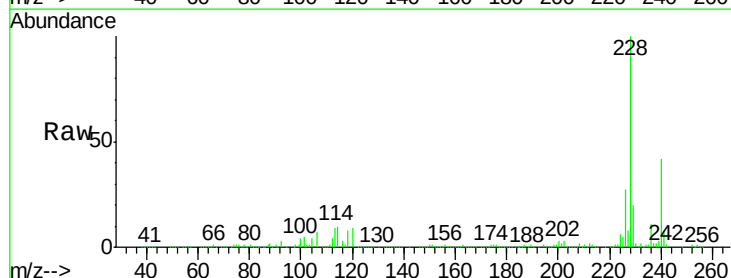
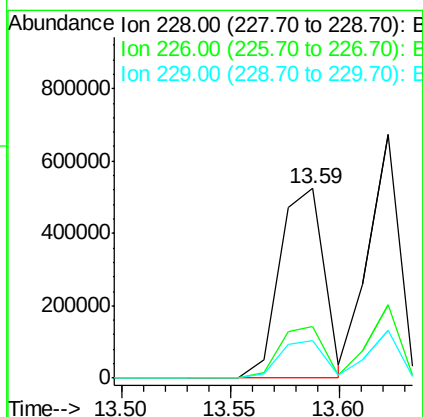
RT: 13.59 min Scan# 1050

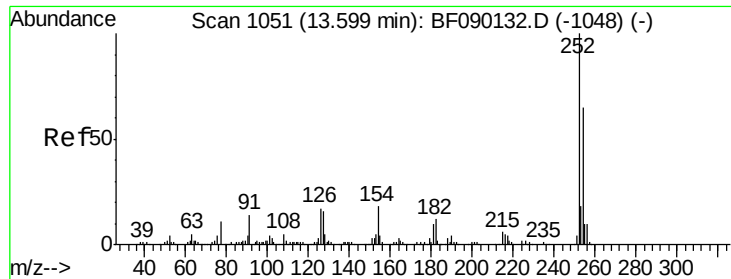
Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion:	228	Resp:	742134
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.0	33.0
229	19.8	16.2	24.2





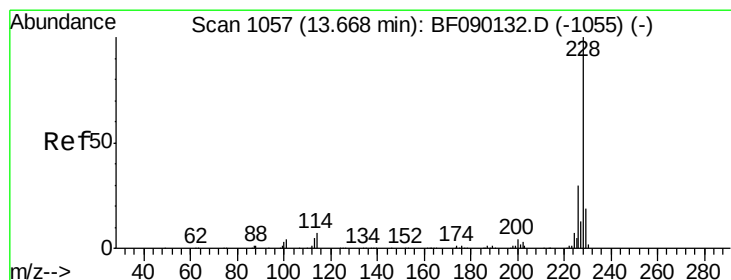
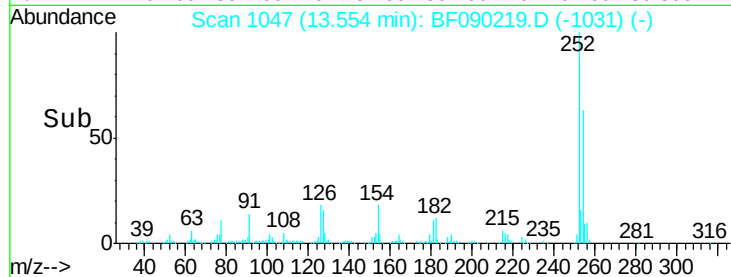
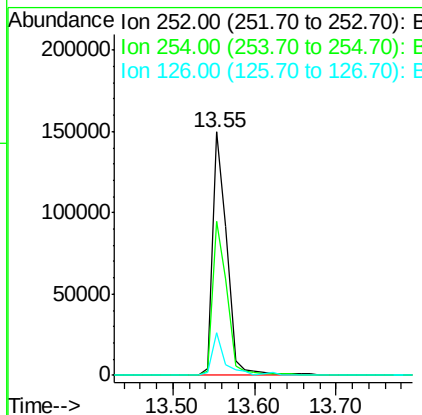
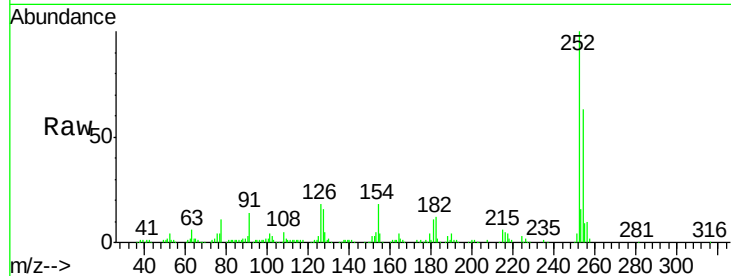
#81
 3,3'-Dichlorobenzidine
 Concen: 22.59 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB93609BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	184165		
254	63.2	50.7	76.1	
126	17.6	9.2	13.8	

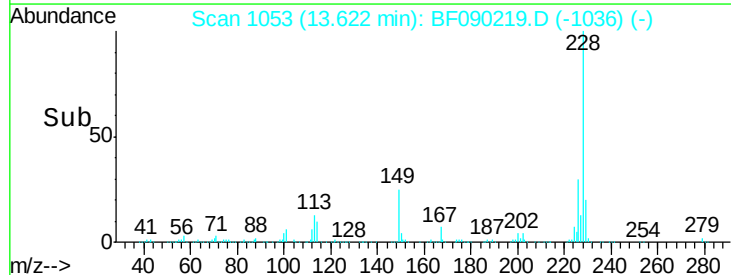
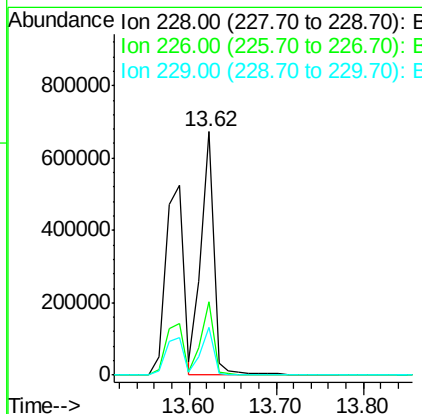
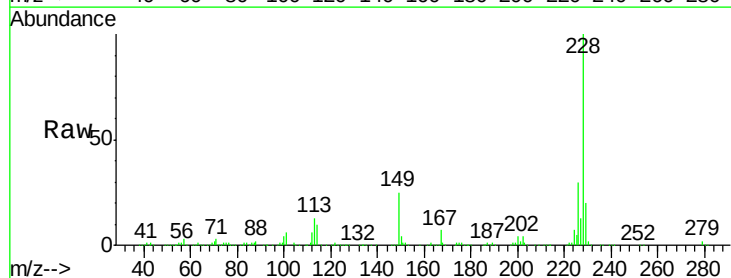
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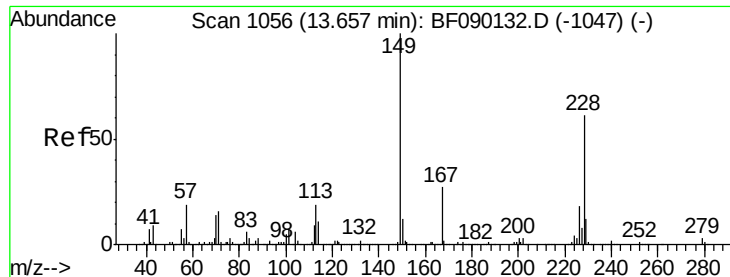
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#82
 Chrysene
 Concen: 35.52 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	683848		
226	30.4	24.6	37.0	
229	19.8	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.16 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Instrument :

BNA_F

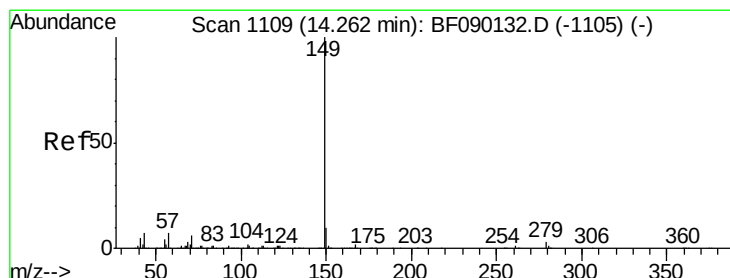
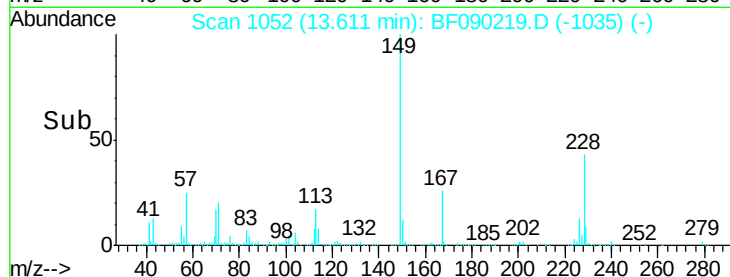
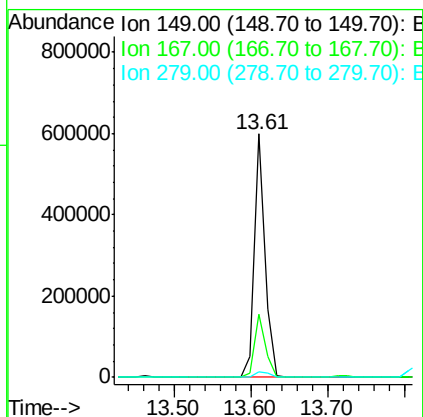
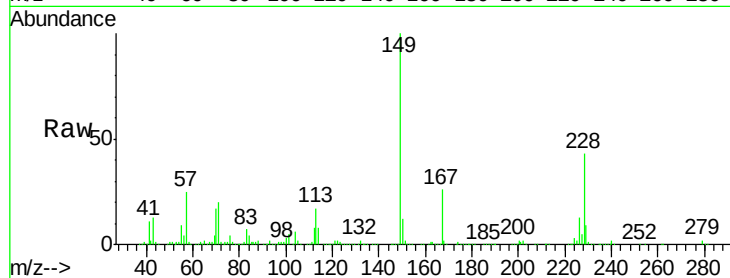
ClientSampleId :

PB93609BS

Tot Ion:	149	Resp:	569017
Ion Ratio		Lower	Upper
149	100		
167	25.9	21.2	31.8
279	2.3	2.2	3.2

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#84

Di-n-octyl phthalate

Concen: 38.18 ng

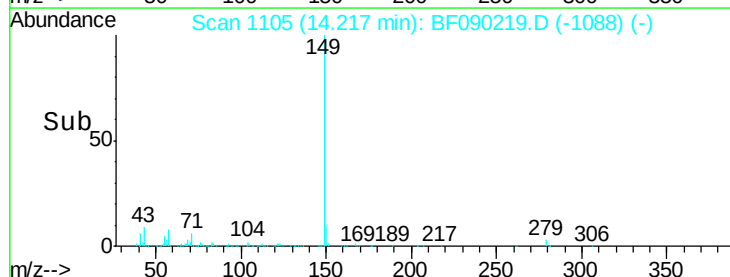
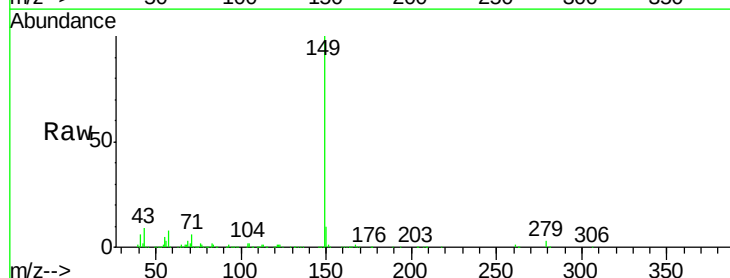
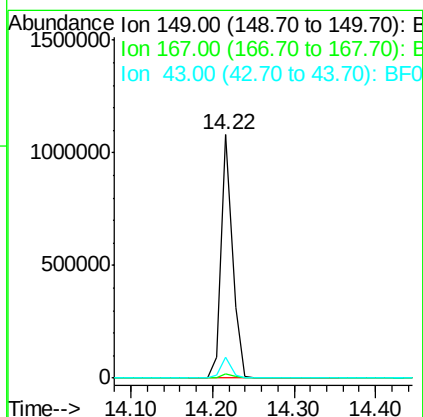
RT: 14.22 min Scan# 1105

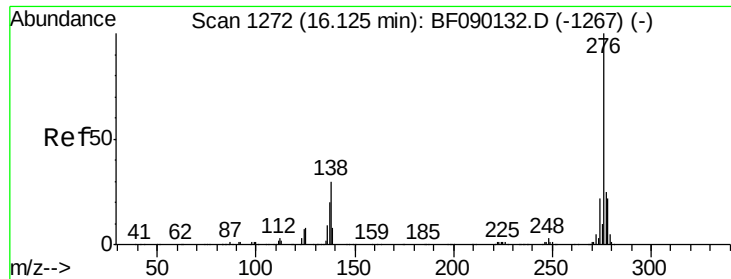
Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tgt Ion:	149	Resp:	1034982
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.0	6.8	10.2





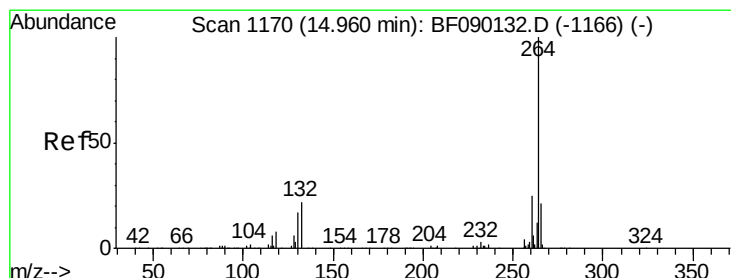
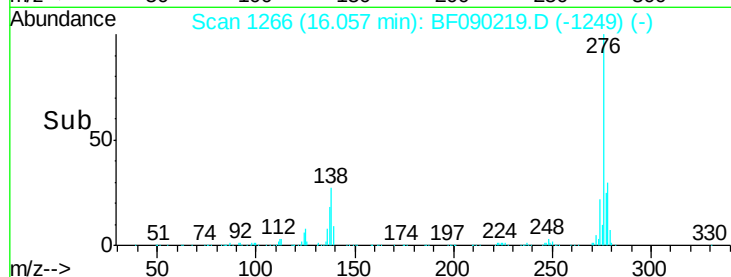
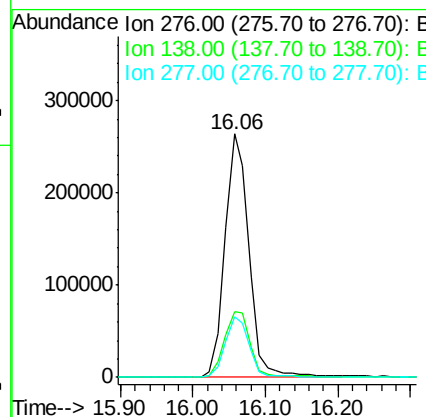
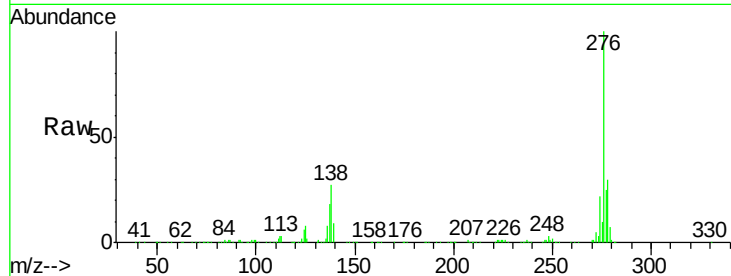
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.93 ng
 RT: 16.06 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Instrument :
 BNA_F
 ClientSampleId :
 PB93609BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	25.9	38.9
277	25.3	19.9	29.9

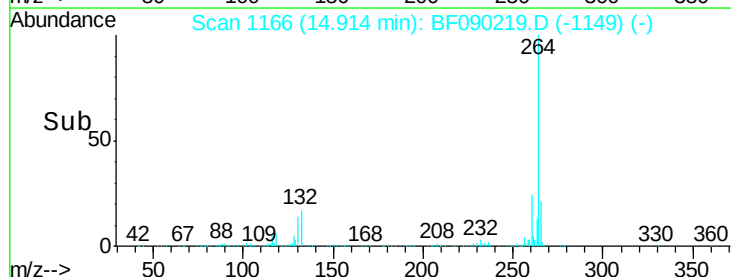
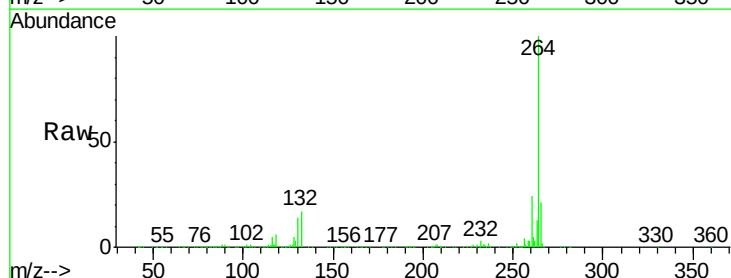
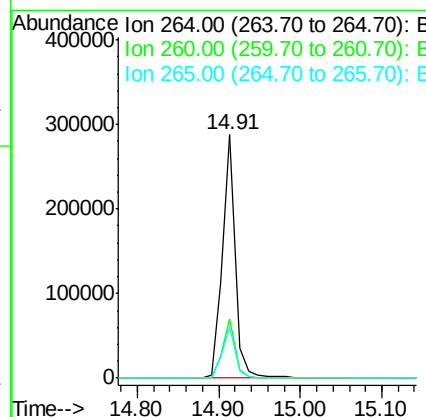
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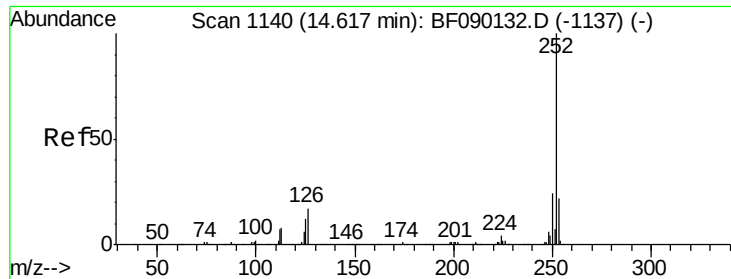
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1166
 Delta R.T. -0.00 min
 Lab File: BF090219.D
 Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.3	17.0	25.4





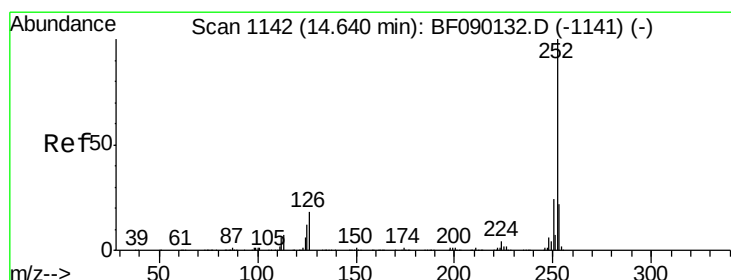
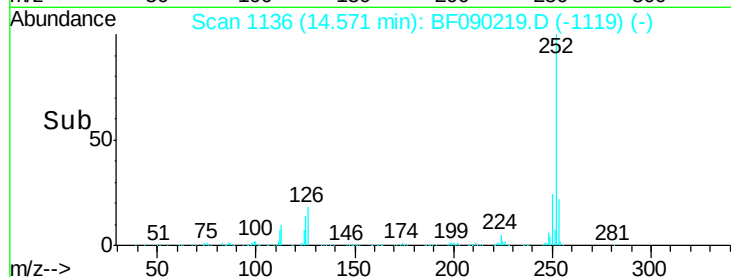
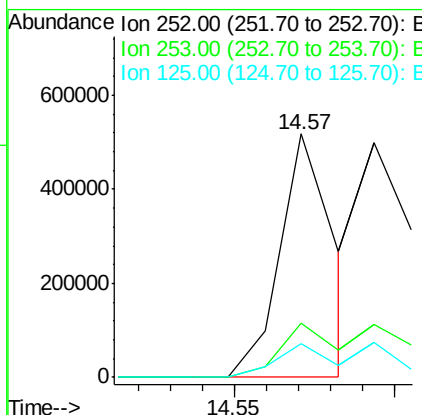
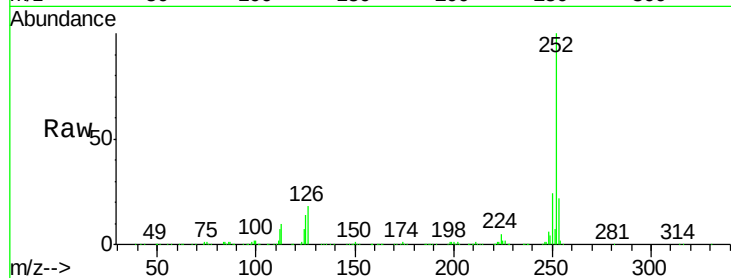
#87
Benzo(b)fluoranthene
Concen: 34.57 ng m
RT: 14.57 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB93609BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.6	12.7	19.1

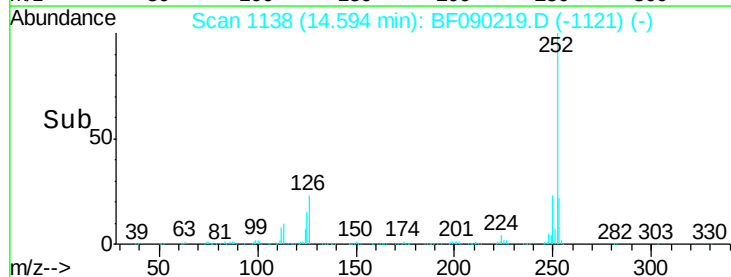
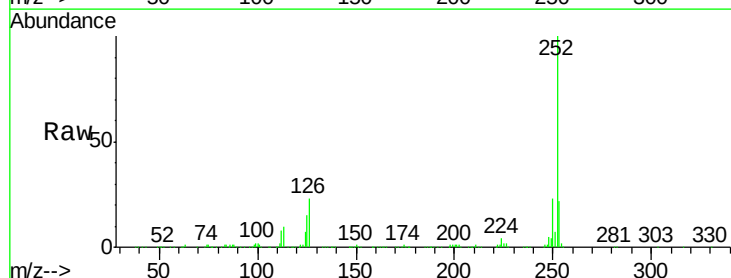
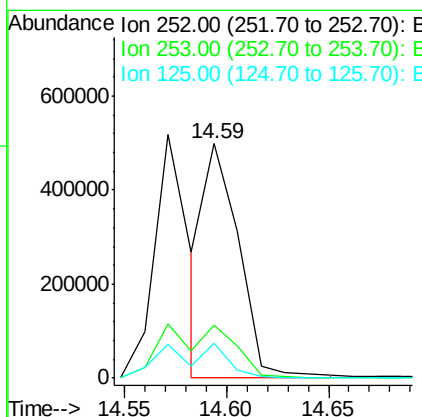
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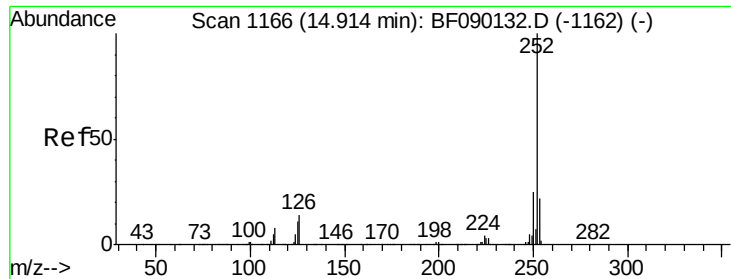
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#88
Benzo(k)fluoranthene
Concen: 36.01 ng m
RT: 14.59 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	14.9	7.8	11.6#





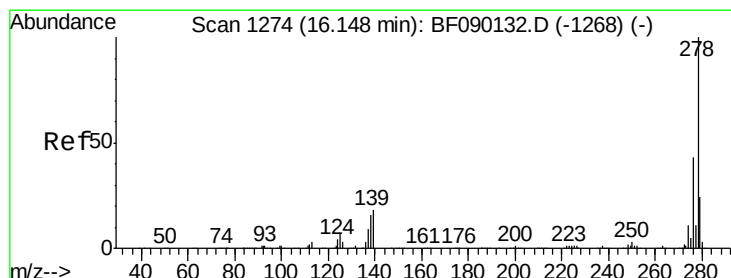
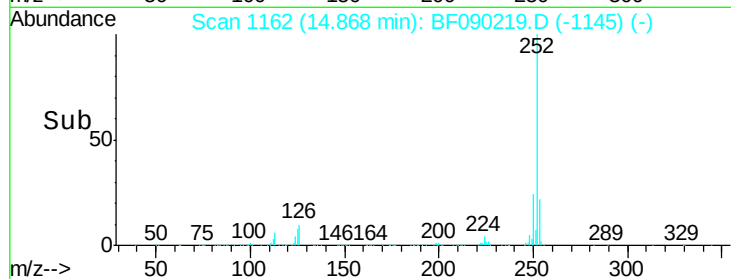
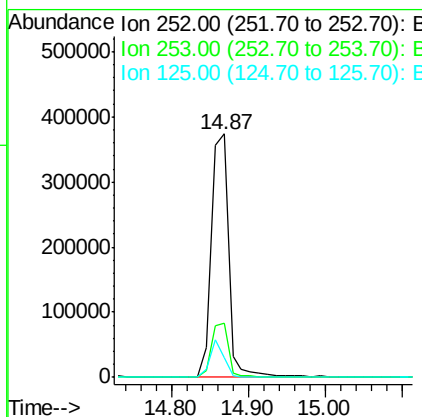
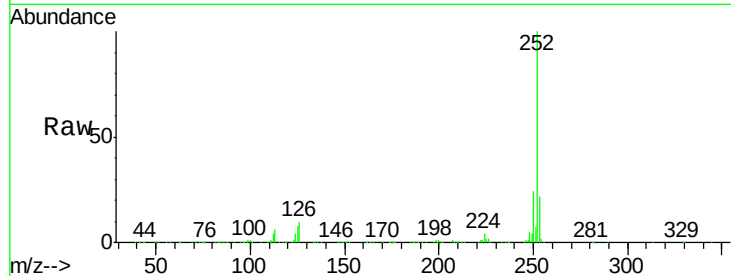
#89
Benzo(a)pyrene
Concen: 34.95 ng
RT: 14.87 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Instrument :
BNA_F
ClientSampleId :
PB93609BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	7.9	7.7	11.5

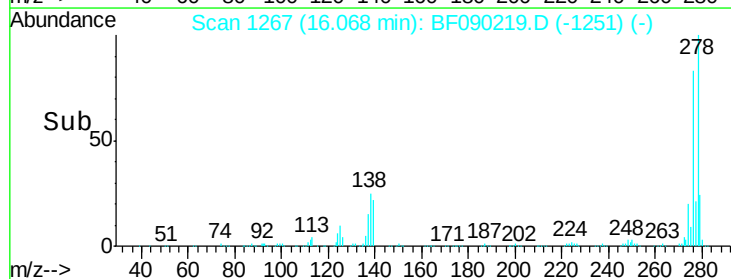
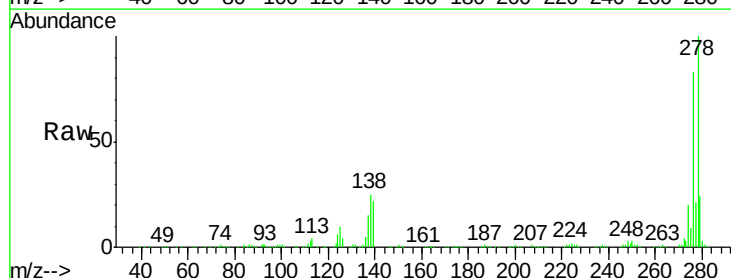
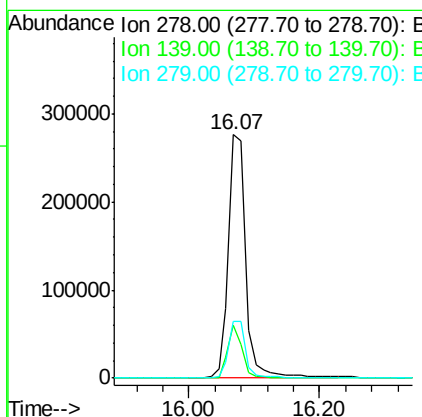
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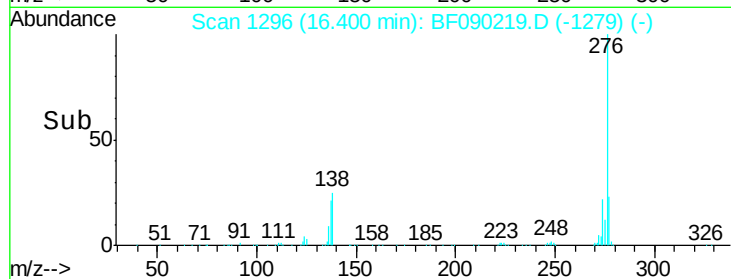
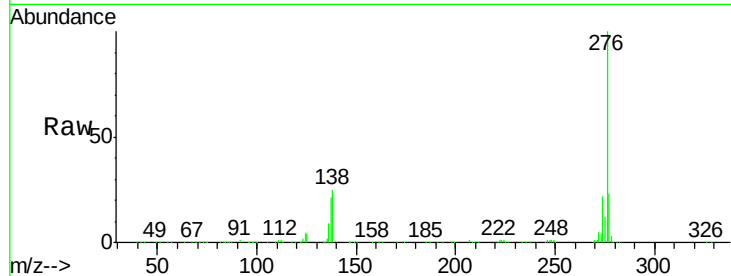
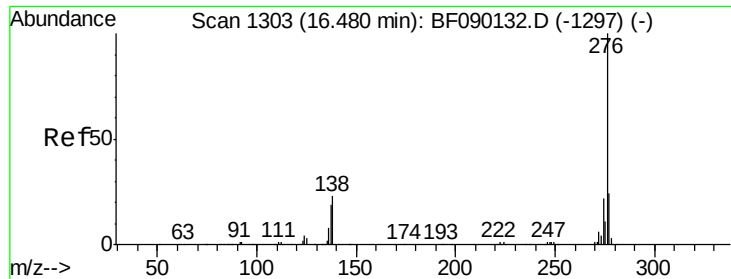
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#90
Dibenzo(a,h)anthracene
Concen: 39.78 ng
RT: 16.07 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF090219.D
Acq: 26 Sep 2016 14:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.8	14.6	21.8
279	23.5	18.8	28.2





#91

Benzo(a,h,i)perylene

Concen: 40.92 ng

RT: 16.40 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF090219.D

Acq: 26 Sep 2016 14:19

Tot Ion:	276	Resp:	516426
Ion Ratio		Lower	Upper
276	100		
277	23.2	18.9	28.3
138	25.3	23.3	34.9

Instrument :

BNA_F

ClientSampleId :

PB93609BS

Manual Integrations
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