

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
 Data File : BF090860.D
 Acq On : 27 Oct 2016 00:26
 Operator : UM/SJ
 Sample : PB94264BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

Manual Integrations
 APPROVED

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 10/27/2016 3:44:57 PM

Quant Time: Oct 27 03:23:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 26 16:35:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	150489m	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	614867	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	345365	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	602575	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	514208	20.00	ng	-0.01
86) Perylene-d12	15.36	264	343166	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	128430	14.92	ng	-0.01
7) Phenol-d6	6.42	99	176116m	15.17	ng	-0.02
23) Nitrobenzene-d5	7.34	82	120493	12.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	45610	12.85	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	242692	12.34	ng	-0.02
78) Terphenyl-d14	12.90	244	243408	11.93	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	22998	5.23	ng	# 76
3) Pyridine	3.12	79	42486	3.56	ng	# 69
4) n-Nitrosodimethylamine	3.05	42	11232	3.34	ng	# 80
6) Aniline	6.52	93	60499	4.56	ng	# 62
8) 2-Chlorophenol	6.57	128	56357	5.31	ng	# 98
9) Benzaldehyde	6.43	77	9391	1.57	ng	# 64
10) Phenol	6.43	94	70497	5.51	ng	# 78
11) bis(2-Chloroethyl)ether	6.52	93	60618	5.73	ng	# 83
12) 1,3-Dichlorobenzene	6.73	146	54673m	5.03	ng	
13) 1,4-Dichlorobenzene	6.81	146	61455m	5.38	ng	
14) 1,2-Dichlorobenzene	6.96	146	63068	5.76	ng	94
15) Benzyl Alcohol	6.93	79	30543m	4.00	ng	
16) 2,2'-oxybis(1-Chloropropan	7.07	45	70871	6.73	ng	65
17) 2-Methylphenol	7.05	107	44147m	5.47	ng	
18) Hexachloroethane	7.30	117	24460	5.88	ng	# 85
19) n-Nitroso-di-n-propylamine	7.20	70	41421m	6.17	ng	
20) 3+4-Methylphenols	7.21	107	53290m	5.70	ng	
22) Acetophenone	7.20	105	75426	5.96	ng	# 80
24) Nitrobenzene	7.37	77	56572	5.69	ng	# 66
25) Isophorone	7.61	82	123166	6.46	ng	# 88
26) 2-Nitrophenol	7.69	139	24274	4.56	ng	# 51
27) 2,4-Dimethylphenol	7.73	122	45726	5.31	ng	# 83
28) bis(2-Chloroethoxy)methane	7.82	93	62680	5.78	ng	# 93
29) 2,4-Dichlorophenol	7.94	162	39007	4.89	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	48970	5.31	ng	97
31) Naphthalene	8.10	128	166443	5.79	ng	99
32) Benzoic acid	7.81	122	13853	2.21	ng	# 85
33) 4-Chloroaniline	8.16	127	30353	2.61	ng	# 91
34) Hexachlorobutadiene	8.21	225	26406	4.87	ng	97
35) Caprolactam	8.48	113	11790	4.76	ng	# 80
36) 4-Chloro-3-methylphenol	8.64	107	42732	4.92	ng	89
37) 2-Methylnaphthalene	8.78	142	103807	5.59	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	46849	4.94	ng	99
40) Hexachlorocyclopentadiene	8.94	237	39519	9.07	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	25892	4.23	nq	98
43) 2,4,5-Trichlorophenol	9.12	196	31143	4.94	nq #	93
45) 1,1'-Biphenyl	9.25	154	134583	5.41	nq	96
46) 2-Chloronaphthalene	9.28	162	104816	5.54	nq	95
47) 2-Nitroaniline	9.38	65	27850	5.22	nq #	77
48) Acenaphthylene	9.69	152	170322	5.94	nq	98
49) Dimethylphthalate	9.55	163	129213	5.60	nq #	97
50) 2,6-Dinitrotoluene	9.61	165	22812	4.48	nq #	21
51) Acenaphthene	9.86	154	116052	5.88	nq	90
52) 3-Nitroaniline	9.79	138	20934	3.86	nq #	56
53) 2,4-Dinitrophenol	9.89	184	10891	4.06	nq #	17
54) Dibenzofuran	10.03	168	144070	5.66	nq #	85
55) 4-Nitrophenol	9.96	139	13021	3.94	nq #	33
56) 2,4-Dinitrotoluene	10.02	165	30055	4.75	nq #	79
57) Fluorene	10.37	166	123072	5.90	nq	93
58) 2,3,4,6-Tetrachlorophenol	10.16	232	26262	4.67	nq #	94
59) Diethylphthalate	10.25	149	132876	5.80	nq	95
60) 4-Chlorophenyl-phenylether	10.37	204	51480	5.06	nq	94
61) 4-Nitroaniline	10.41	138	20852	3.88	nq #	48
62) Azobenzene	10.52	77	144432	6.41	nq #	79
64) 4,6-Dinitro-2-methylphenol	10.42	198	11204	2.80	nq #	70
65) n-Nitrosodiphenylamine	10.49	169	94357	5.11	nq	91
66) 4-Bromophenyl-phenylether	10.86	248	28351	4.30	nq	92
67) Hexachlorobenzene	10.92	284	35661	4.57	nq	91
68) Atrazine	11.01	200	27941	4.89	nq	84
69) Pentachlorophenol	11.12	266	29771	7.11	nq	96
70) Phenanthrene	11.33	178	175223	5.71	nq	97
71) Anthracene	11.39	178	171234	5.30	nq	99
72) Carbazole	11.55	167	142901	5.01	nq	96
73) Di-n-butylphthalate	11.88	149	210046	5.71	nq #	98
74) Fluoranthene	12.52	202	176987	5.27	nq	91
76) Benzidine	12.67	184	21582	1.92	nq	95
77) Pyrene	12.75	202	177887	5.47	nq	96
79) Butylbenzylphthalate	13.38	149	77984	5.28	nq	98
80) Benzo(a)anthracene	13.94	228	145882m	5.35	nq	
81) 3,3'-Dichlorobenzidine	13.91	252	33449	3.16	nq #	93
82) Chrysene	13.97	228	156190m	5.66	nq	
83) Bis(2-ethylhexyl)phthalate	13.94	149	125798	6.54	nq #	91
84) Di-n-octyl phthalate	14.55	149	176861	5.48	nq #	93
85) Indeno(1,2,3-cd)pyrene	16.72	276	102515	4.19	nq #	92
87) Benzo(b)fluoranthene	14.96	252	102376m	4.44	nq	
88) Benzo(k)fluoranthene	14.98	252	113900m	6.25	nq	
89) Benzo(a)pyrene	15.30	252	103877	5.24	nq #	91
90) Dibenzo(a,h)anthracene	16.74	278	85423	5.09	nq #	83
91) Benzo(g,h,i)perylene	17.13	276	81183	5.14	nq #	79

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

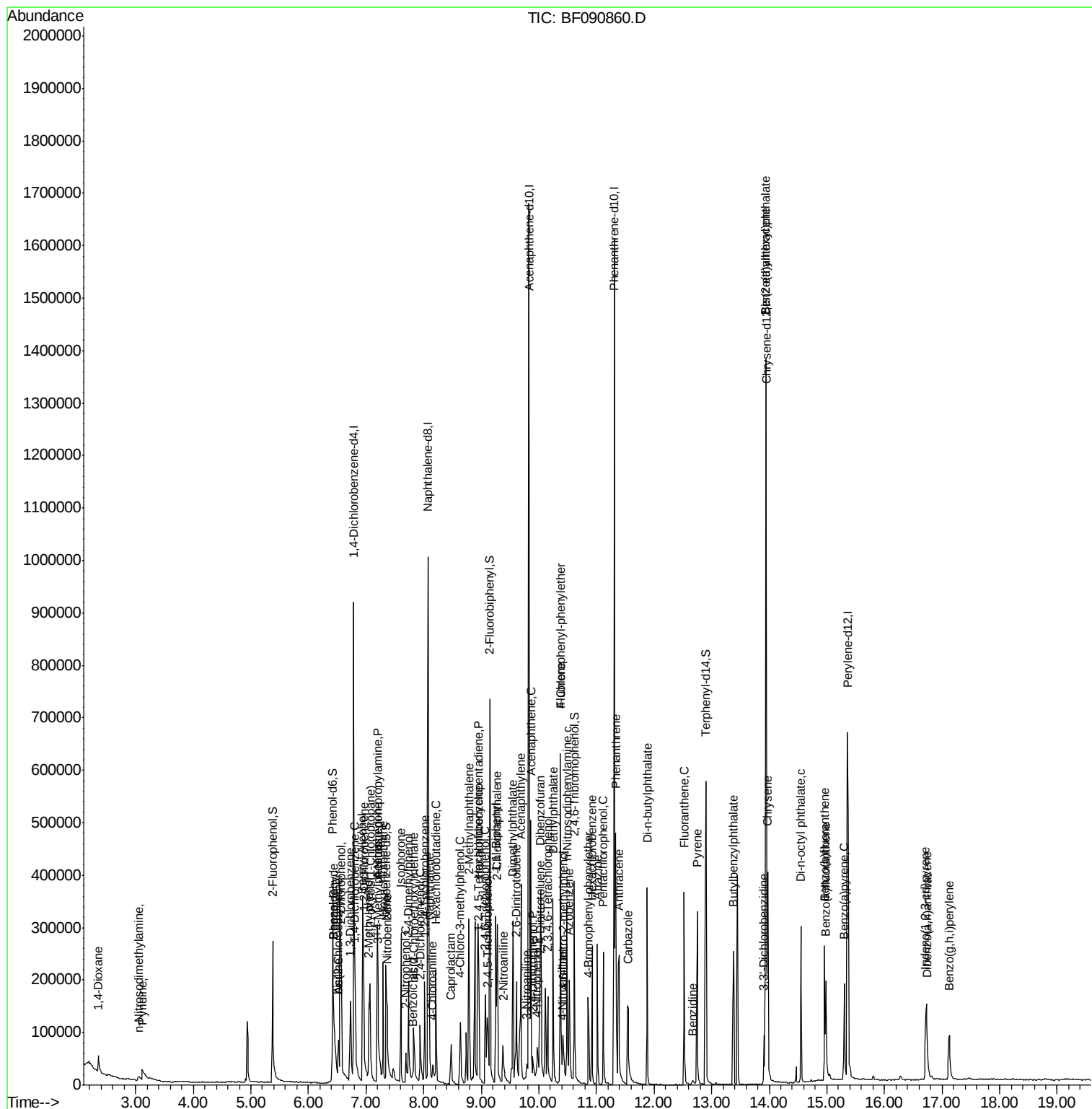
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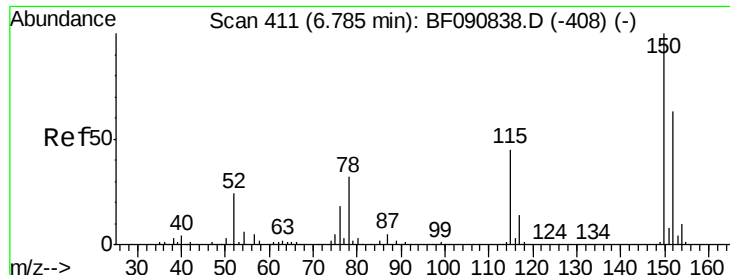
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#1

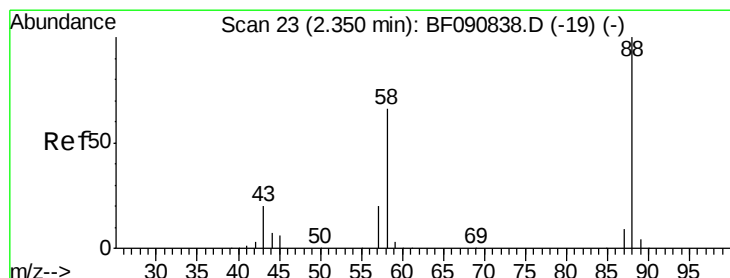
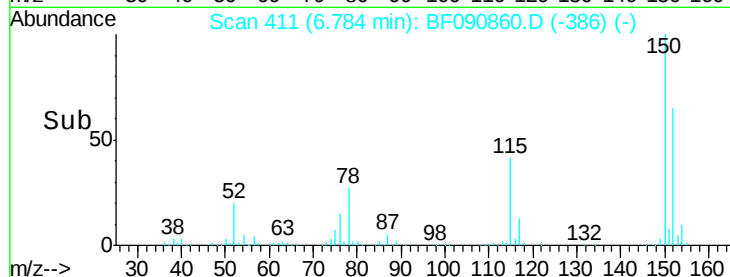
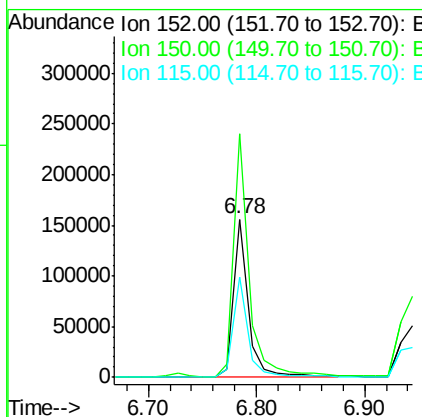
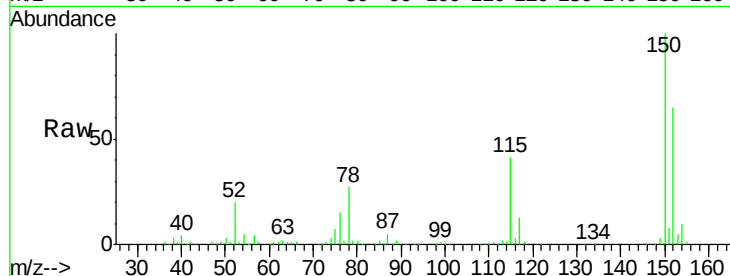
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.7	187.1
115	63.0	39.0	58.4

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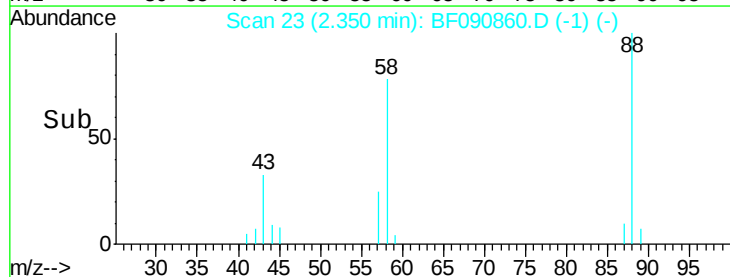
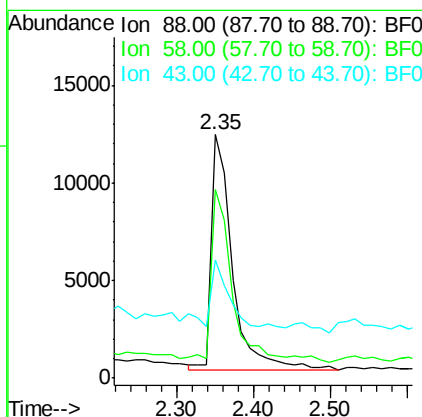
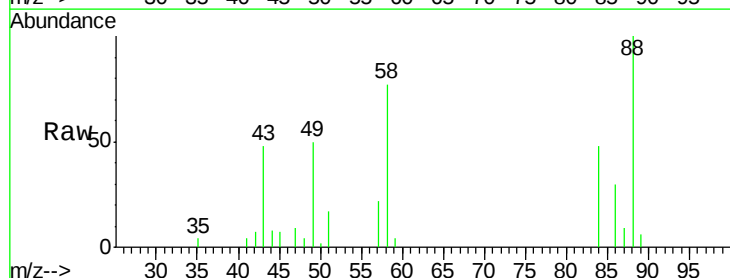
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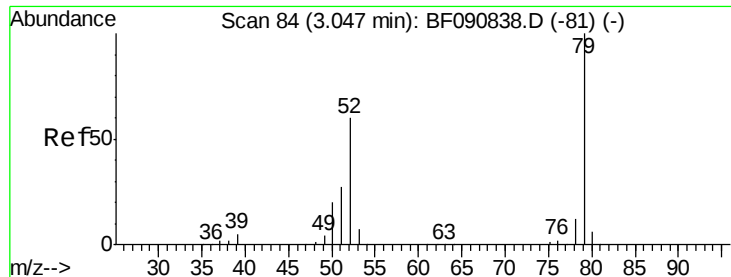


#2

1,4-Dioxane
Concen: 5.23 ng
RT: 2.35 min Scan# 23
Delta R.T. -0.00 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.2	77.7	116.5
43	20.8	26.6	40.0





#3

Pvridine

Concen: 3.56 ng

RT: 3.12 min Scan# 90

Delta R.T. 0.06 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

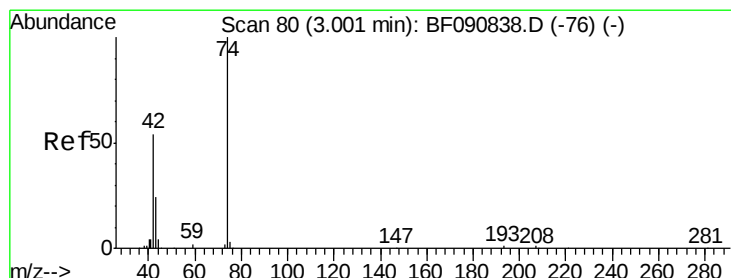
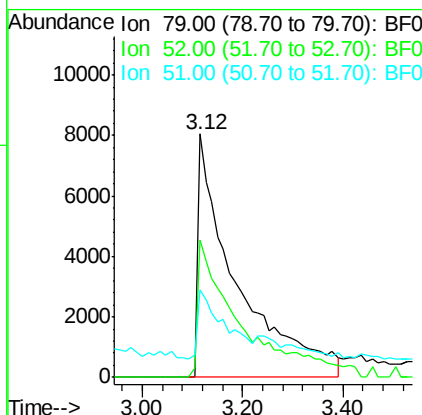
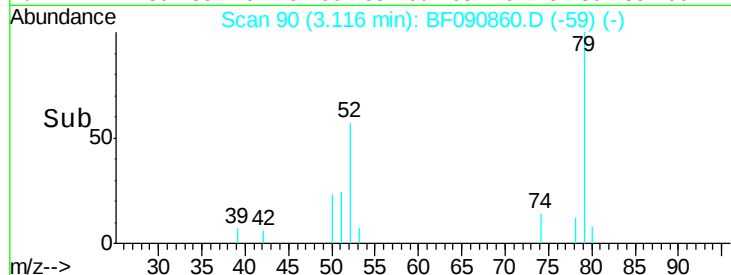
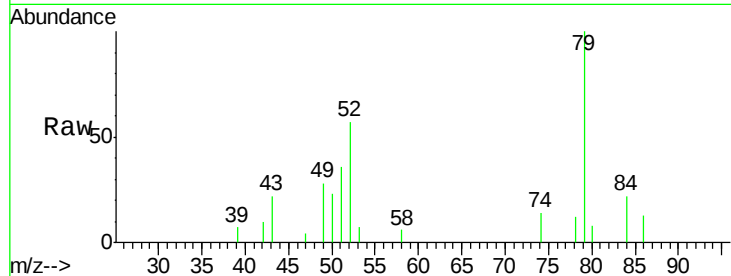
ClientSampleId :

PB94264BS

Tot Ion:	79	Resp:	42486
Ion	Ratio	Lower	Upper
79	100		
52	56.6	76.8	115.2#
51	35.7	32.2	48.4

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#4

n-Nitrosodimethylamine

Concen: 3.34 ng

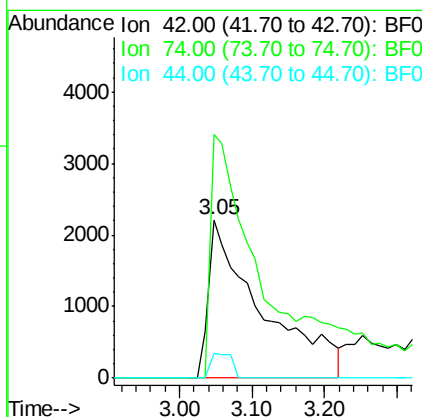
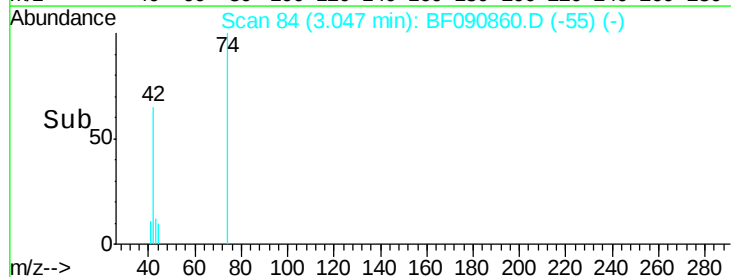
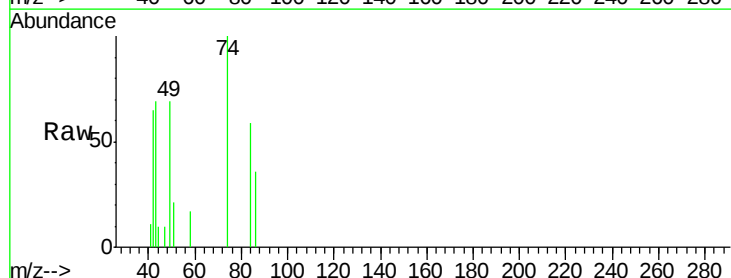
RT: 3.05 min Scan# 84

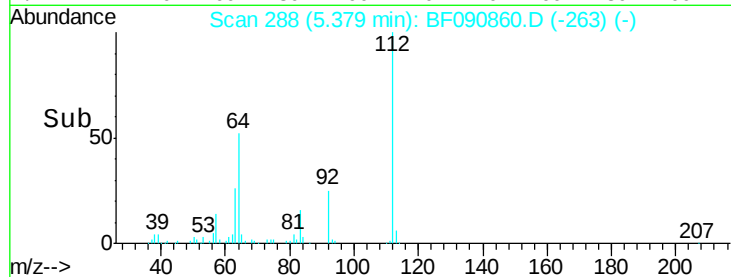
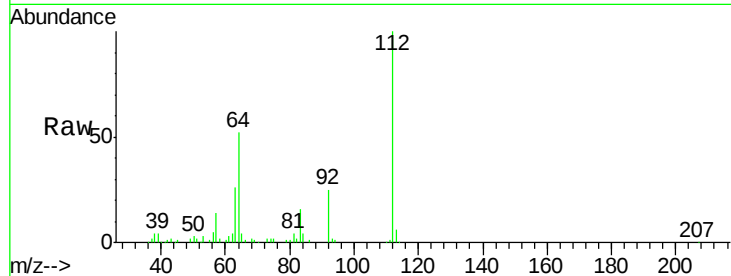
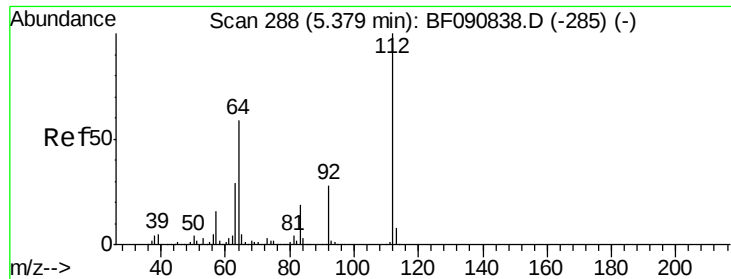
Delta R.T. 0.03 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Tgt Ion:	42	Resp:	11232
Ion	Ratio	Lower	Upper
42	100		
74	154.2	105.0	157.6
44	15.4	6.6	10.0#





#5

2-Fluorophenol

Concen: 14.92 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

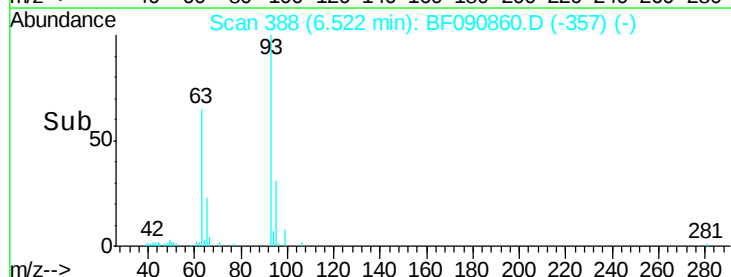
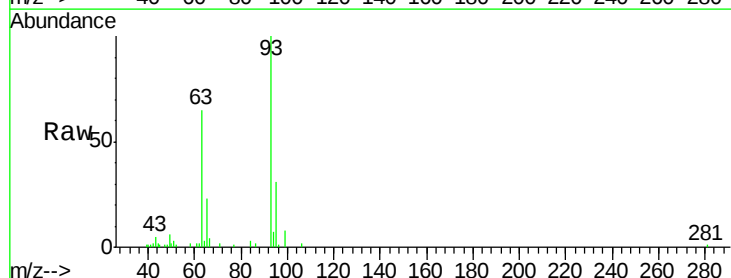
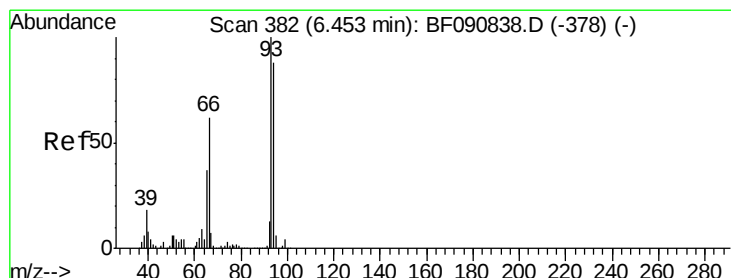
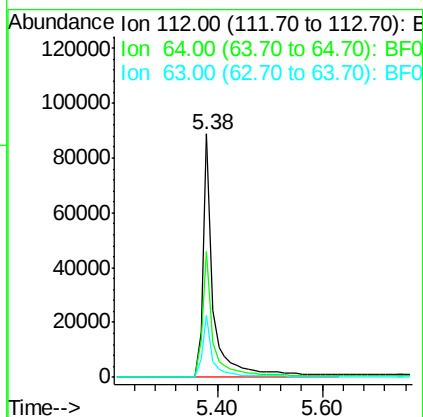
ClientSampleId :

PB94264BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	128430		
64	51.6	39.7	59.5	
63	25.6	17.4	26.0	

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#6

Aniline

Concen: 4.56 ng

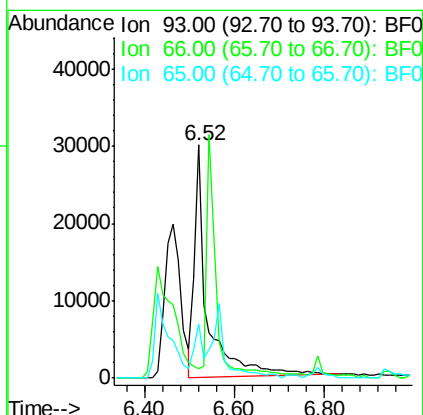
RT: 6.52 min Scan# 388

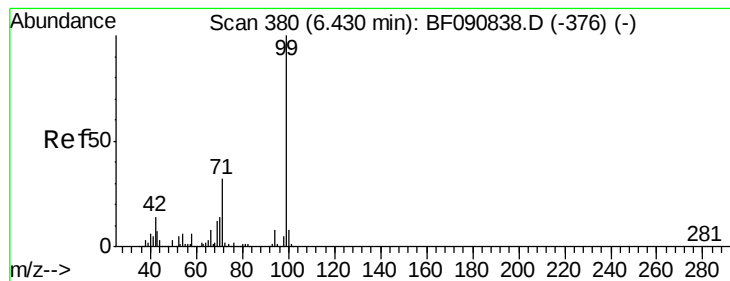
Delta R.T. 0.06 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	60499		
66	4.2	27.2	40.8#	
65	23.4	14.7	22.1#	





#7

Phenol-d6

Concen: 15.17 ng/mL

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

Tot Ion: 99 Resp: 176116

Ion Ratio Lower Upper

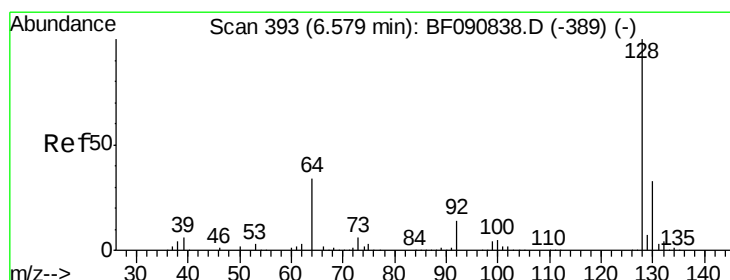
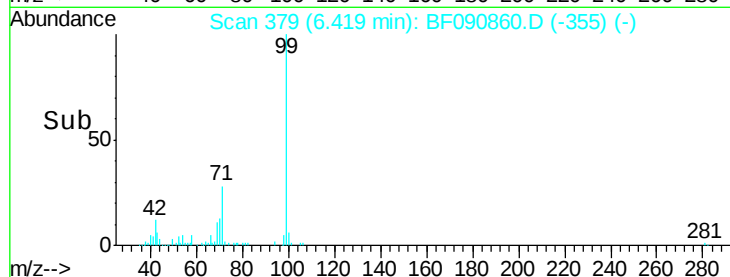
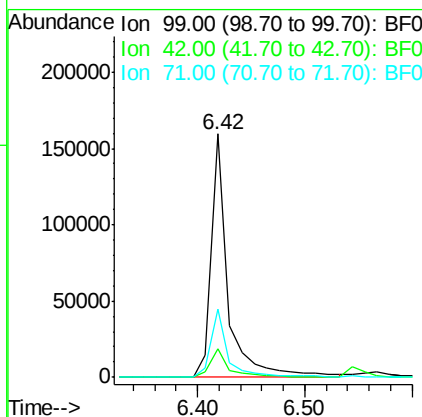
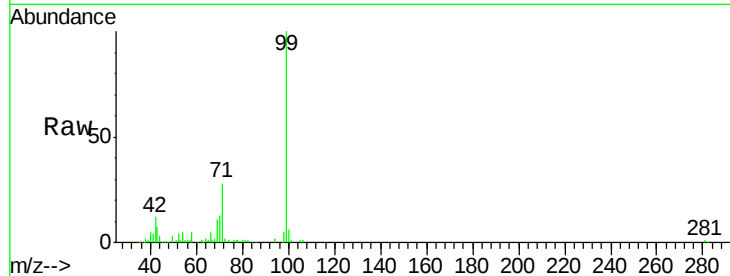
99 100

42 11.7 13.7 20.5#

71 28.0 14.2 21.2#

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#8

2-Chlorophenol

Concen: 5.31 ng/mL

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

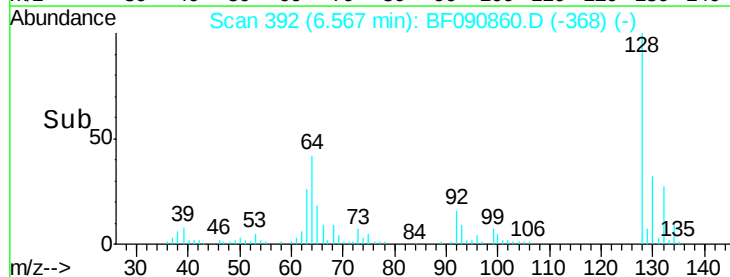
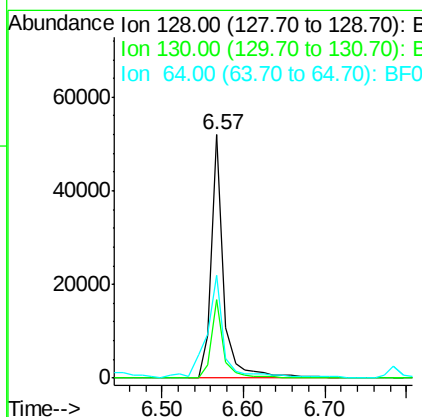
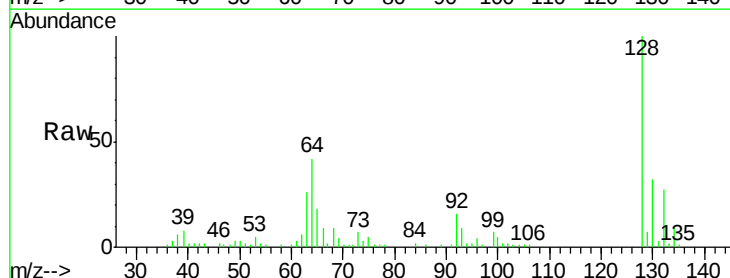
Tgt Ion: 128 Resp: 56357

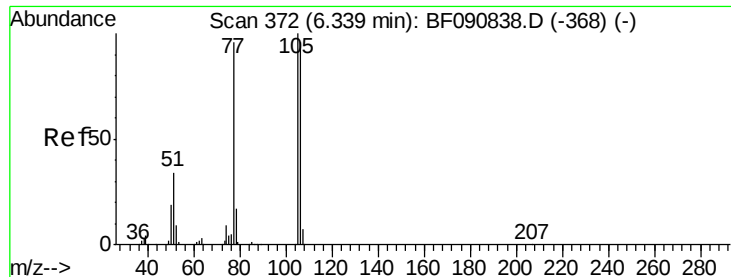
Ion Ratio Lower Upper

128 100

130 32.1 12.2 52.2

64 42.1 20.5 60.5





#9

Benzaldehyde

Concen: 1.57 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.09 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

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BNA_F

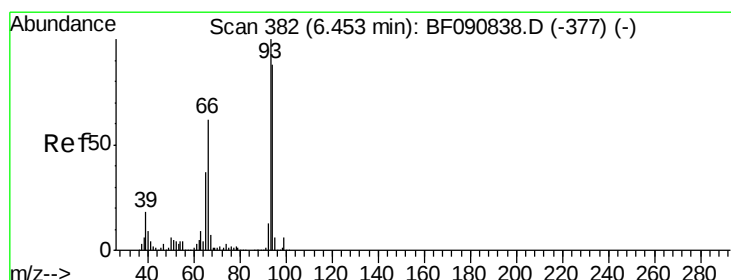
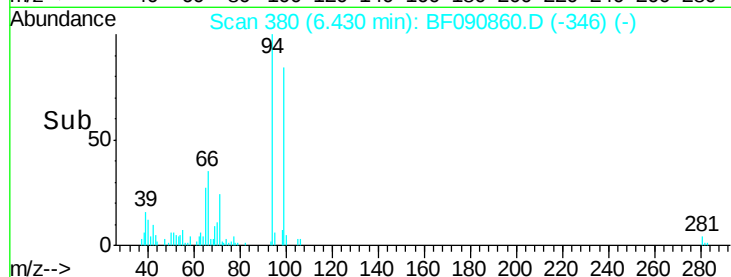
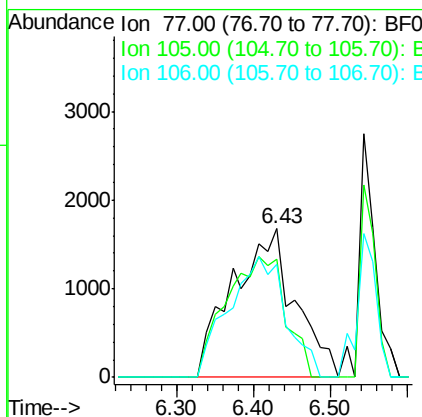
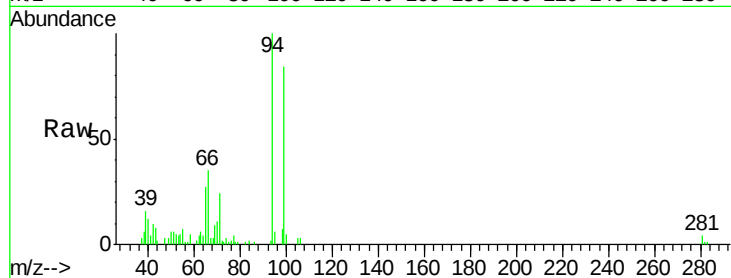
ClientSampleId :

PB94264BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	80.0	91.6	131.6#
106	76.4	102.6	142.6#

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#10

Phenol

Concen: 5.51 ng

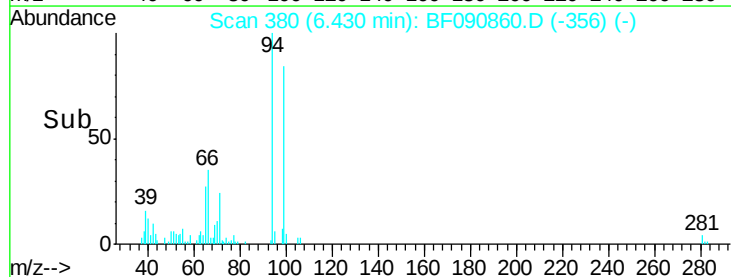
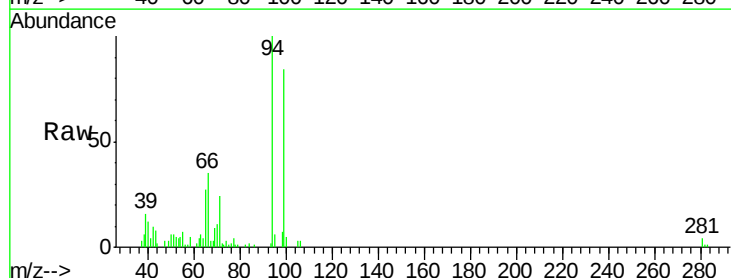
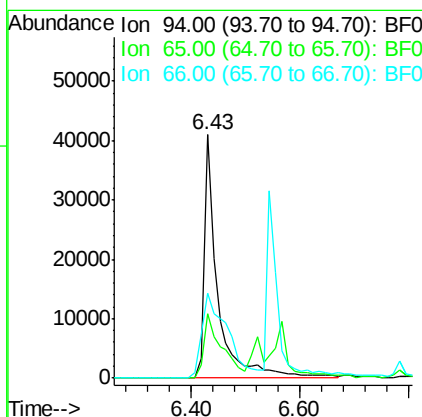
RT: 6.43 min Scan# 380

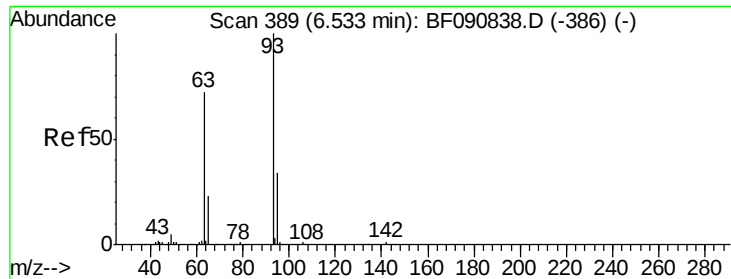
Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.6	0.7	40.7
66	35.1	0.8	40.8





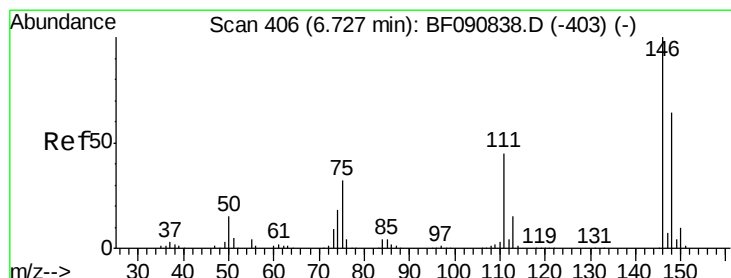
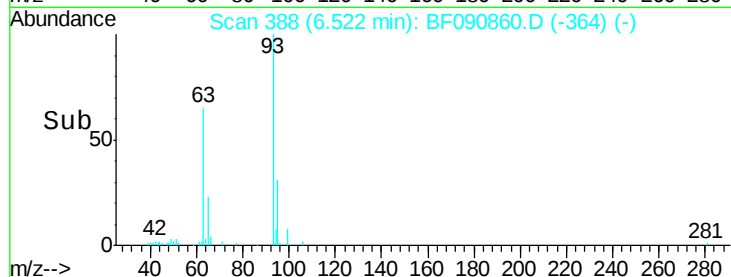
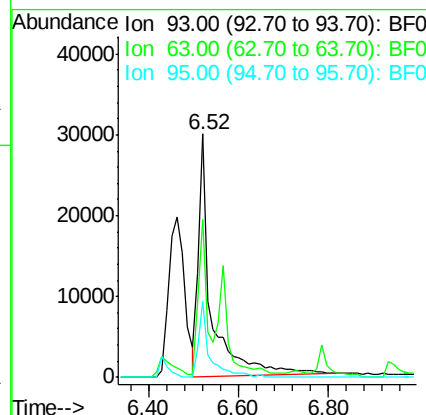
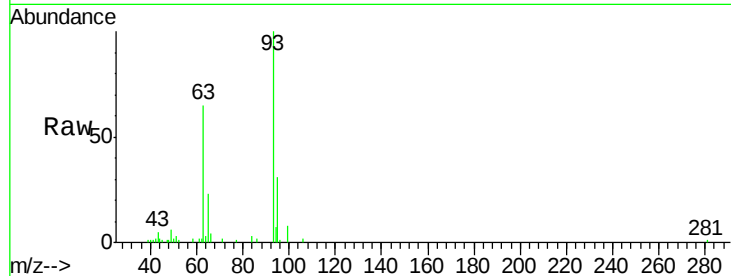
#11
bis(2-Chloroethyl)ether
Concen: 5.73 ng
RT: 6.52 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.9	65.6	105.6#
95	31.4	13.6	53.6

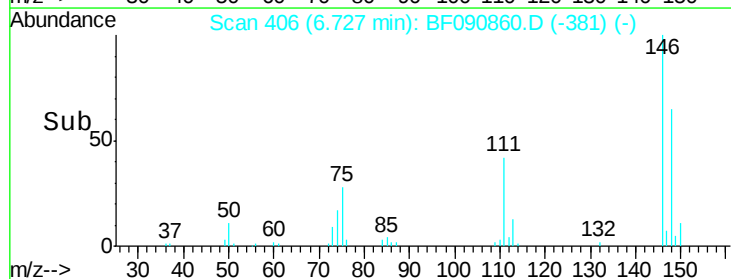
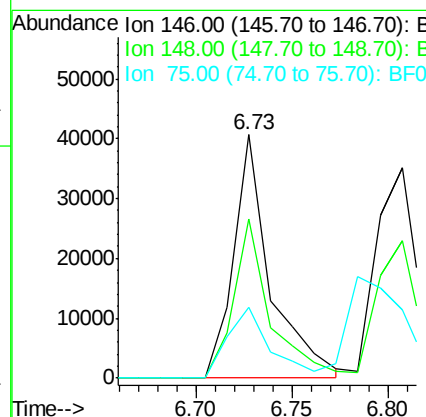
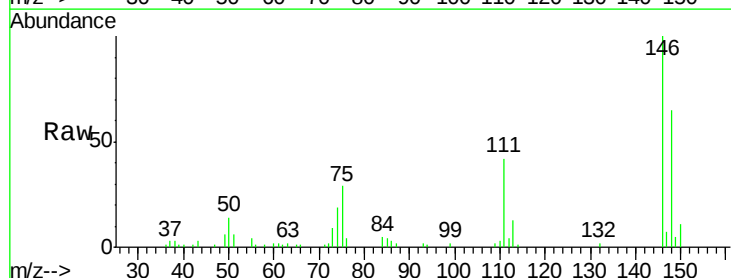
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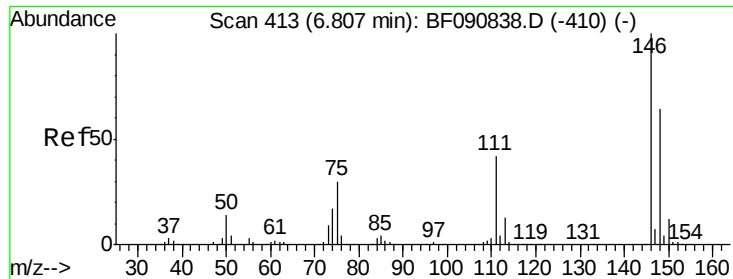
sohil
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#12
1,3-Dichlorobenzene
Concen: 5.03 ng m
RT: 6.73 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.0	76.4
75	29.0	15.0	22.6#





#13

1,4-Dichlorobenzene

Concen: 5.38 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

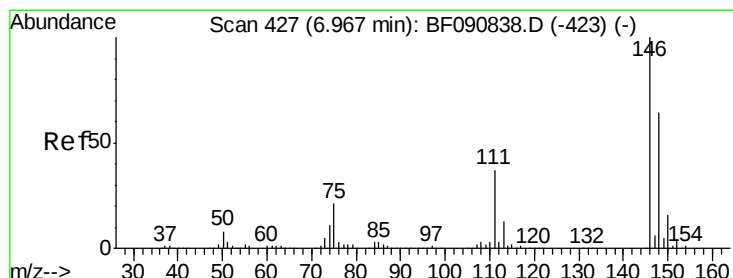
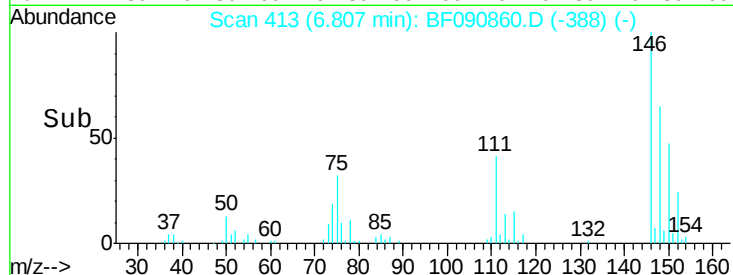
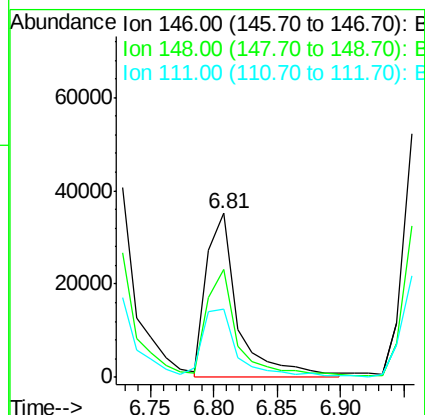
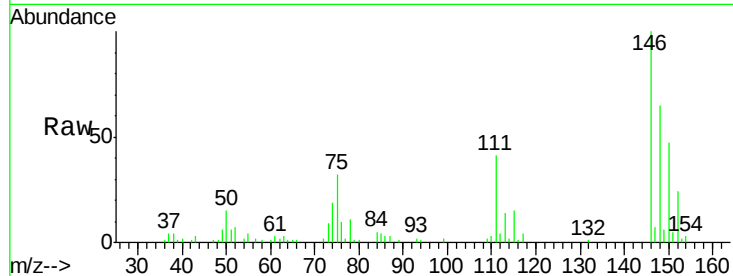
ClientSampleID :

PB94264BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.8	77.6
111	41.3	24.9	37.3

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#14

1,2-Dichlorobenzene

Concen: 5.76 ng

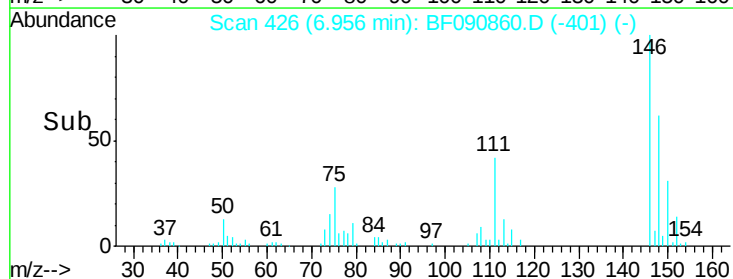
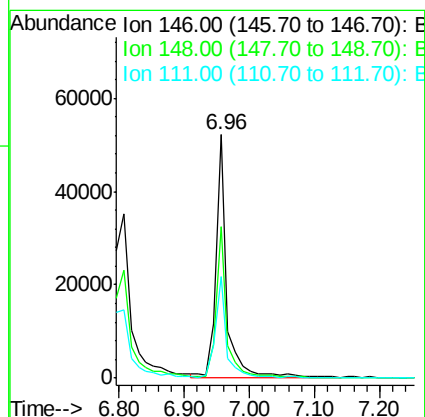
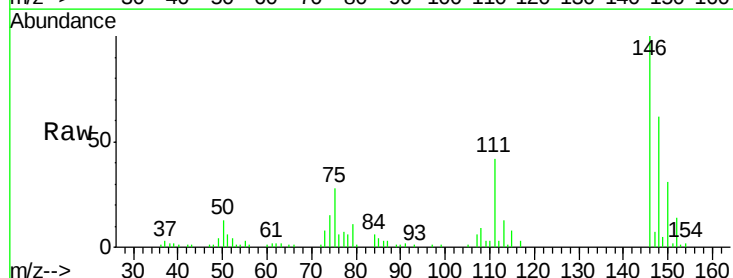
RT: 6.96 min Scan# 426

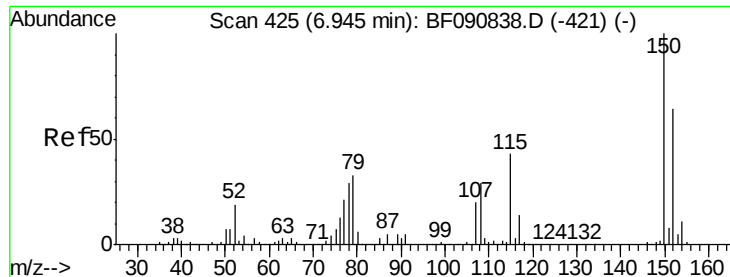
Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.7	79.1
111	41.5	28.8	43.2





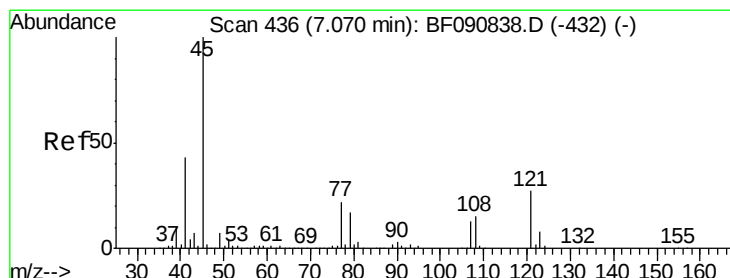
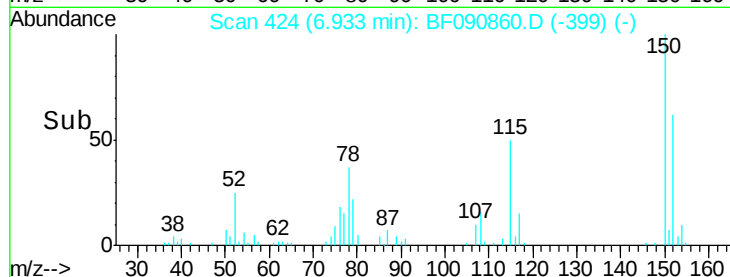
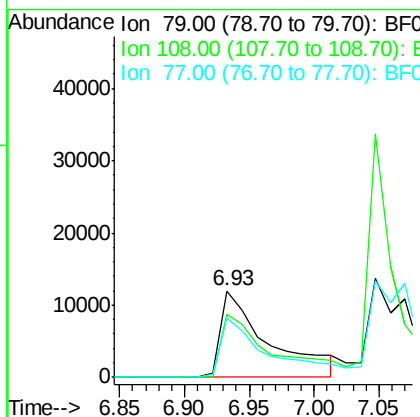
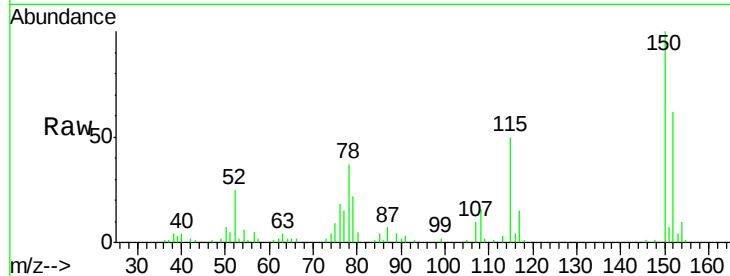
#15
Benzyl Alcohol
Concen: 4.00 ng/ml
RT: 6.93 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleID :
PB94264BS

Tot Ion: 79 Resp: 30543
Ion Ratio Lower Upper
79 100
108 72.3 88.6 132.8#
77 68.3 47.0 70.4

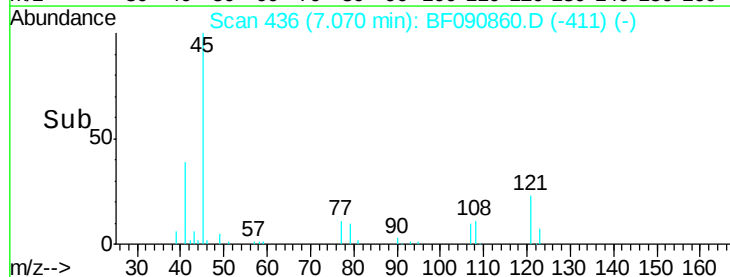
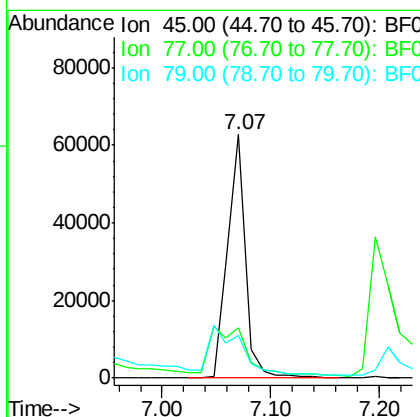
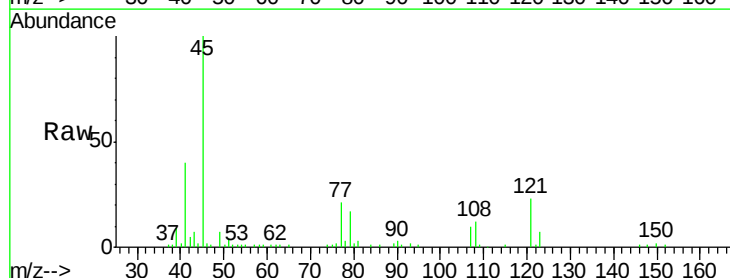
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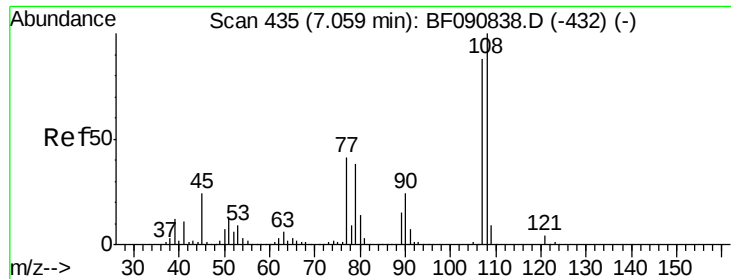
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#16
2,2'-oxybis(1-chloropropane)
Concen: 6.73 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion: 45 Resp: 70871
Ion Ratio Lower Upper
45 100
77 20.7 0.0 28.1
79 17.4 0.0 26.0





#17

2-Methylphenol

Concen: 5.47 ng/ml

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleID :

PB94264BS

Tot Ion:107 Resp: 44147

Ion Ratio Lower Upper

107 100

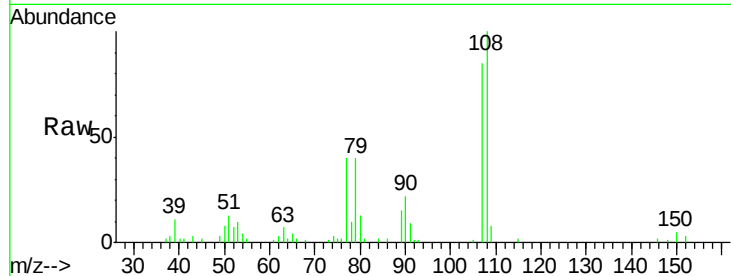
108 118.0 96.6 145.0

77 46.9 23.3 34.9#

79 47.7 22.0 33.0#

Manual Integrations
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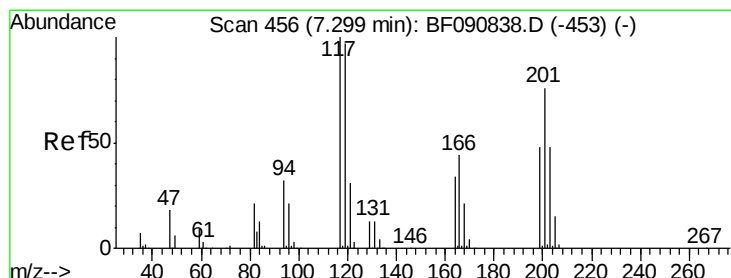
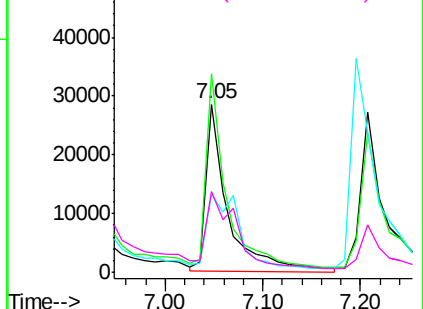
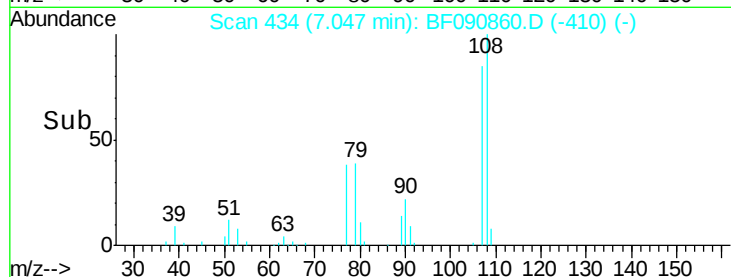


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 5.88 ng/ml

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

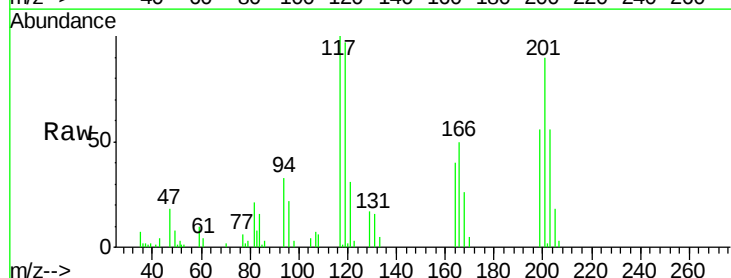
Tgt Ion:117 Resp: 24460

Ion Ratio Lower Upper

117 100

119 96.5 83.8 125.6

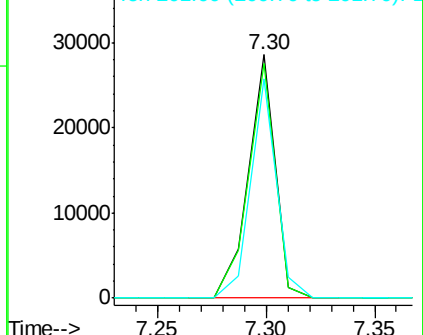
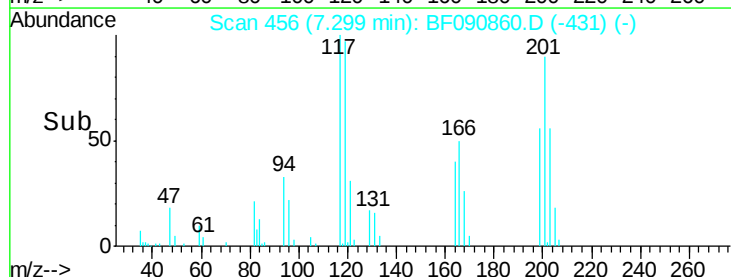
201 90.2 55.1 82.7#

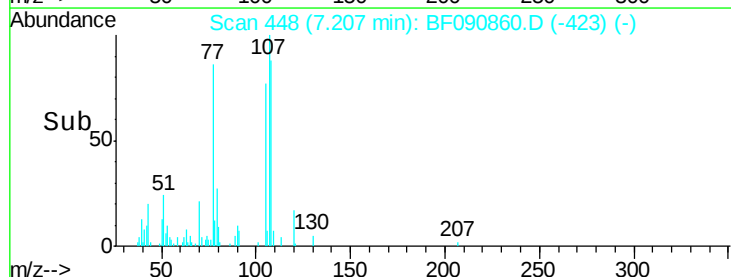
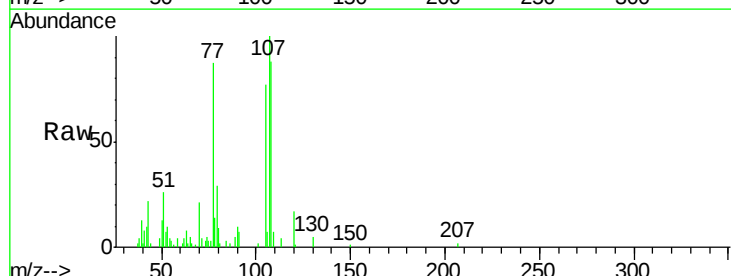
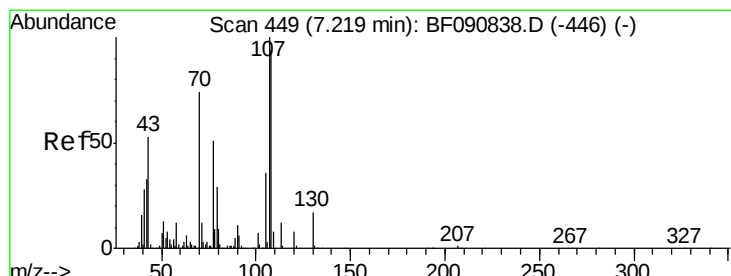
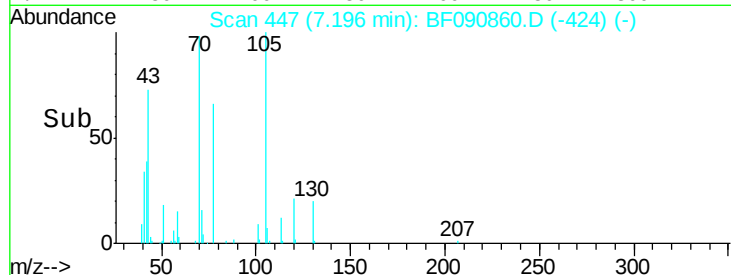
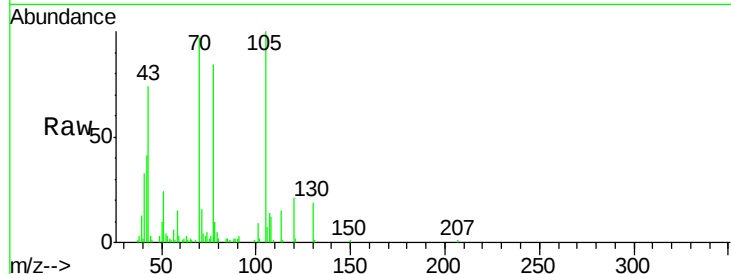
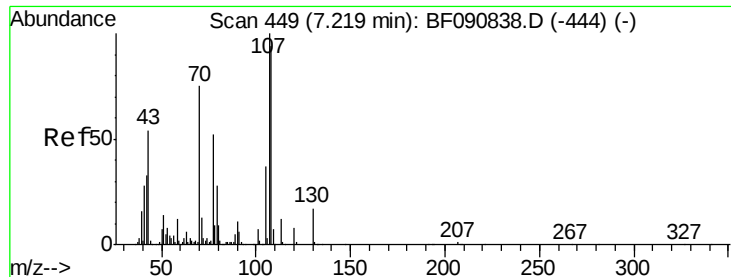


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





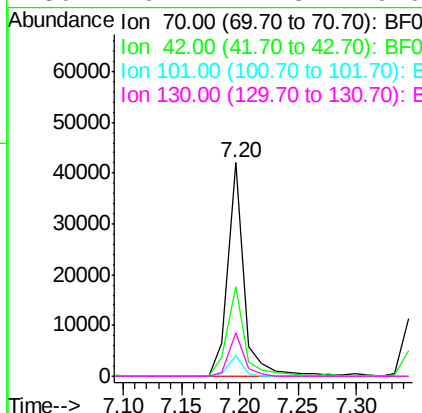
#19
n-Nitroso-di-n-propylamine
Concen: 6.17 ng/ml
RT: 7.20 min Scan# 447
Delta R.T. -0.03 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	42.0	63.8	95.6#
101	9.4	9.2	13.8
130	20.2	27.3	40.9#

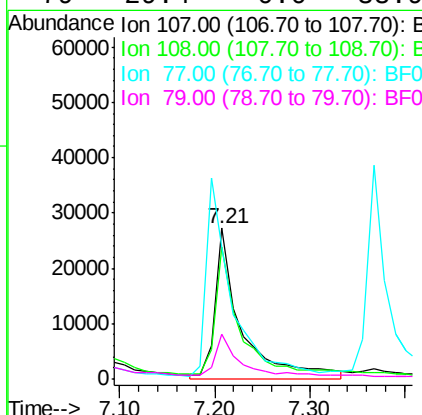
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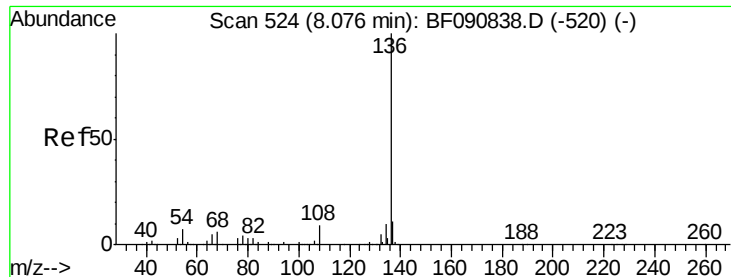
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#20
3+4-Methylphenols
Concen: 5.70 ng/ml
RT: 7.21 min Scan# 448
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	74.6	114.6
77	87.3	0.7	40.7#
79	29.4	0.0	38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.08 min Scan# 524

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

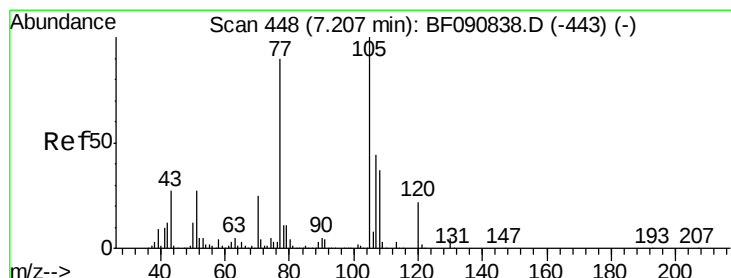
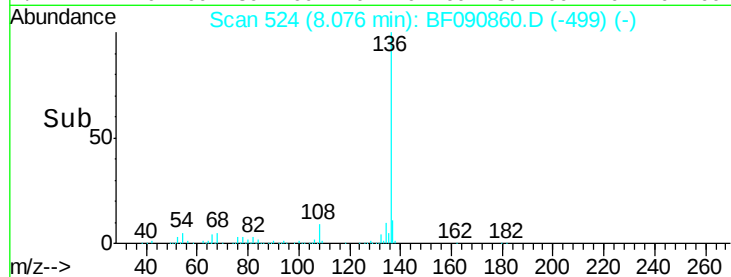
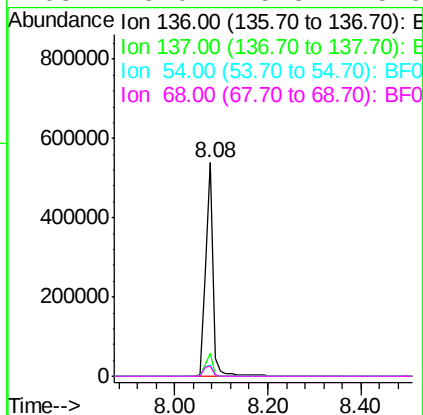
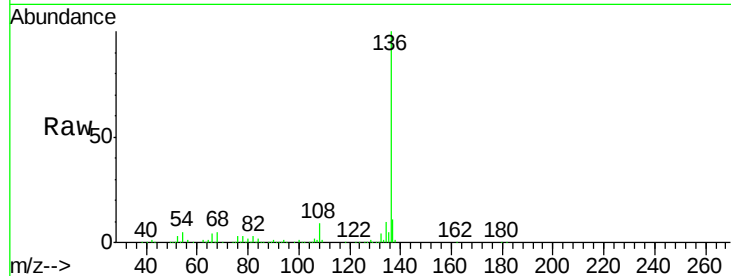
ClientSampleId :

PB94264BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		614867		
137	11.1		9.0	13.6	
54	5.2		8.2	12.2	
68	5.0		5.8	8.6	

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#22

Acetophenone

Concen: 5.96 ng

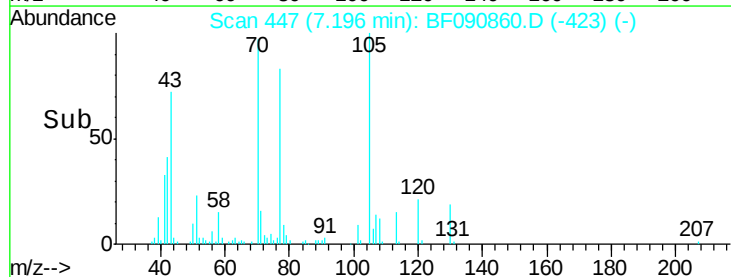
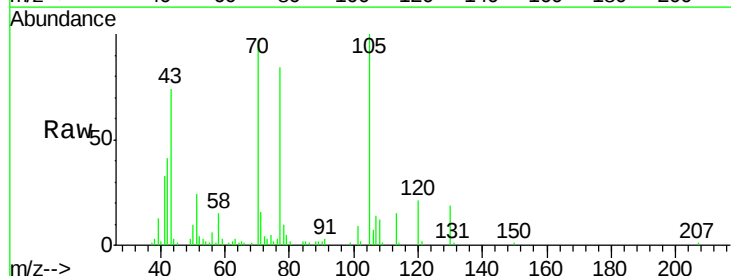
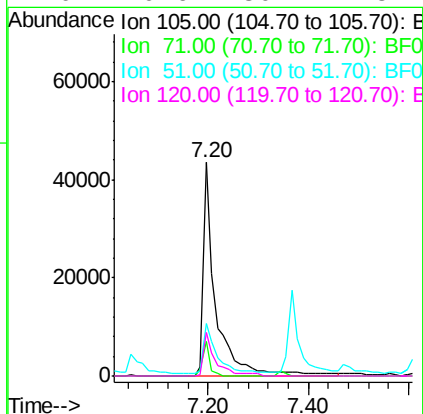
RT: 7.20 min Scan# 447

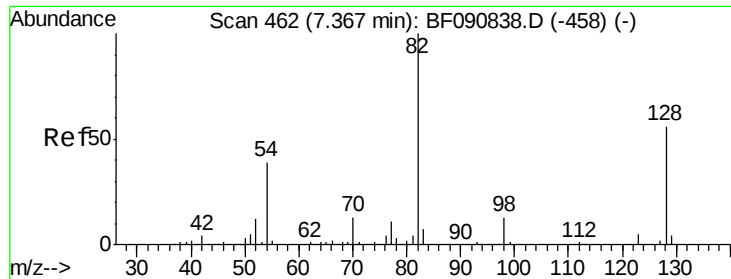
Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		75426		
71	16.0		4.7	7.1	
51	24.5		22.0	33.0	
120	20.6		30.1	45.1	





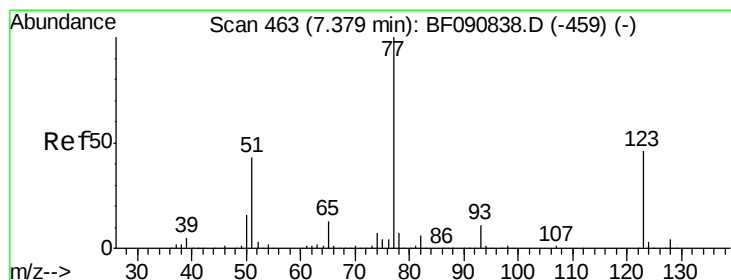
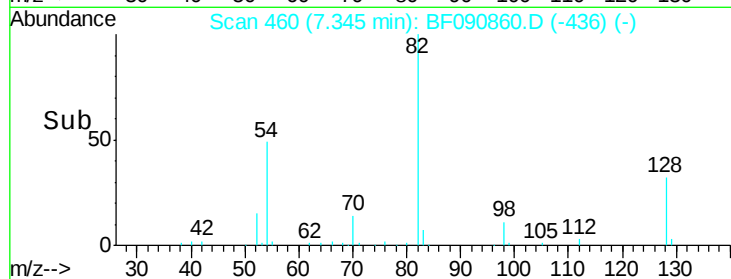
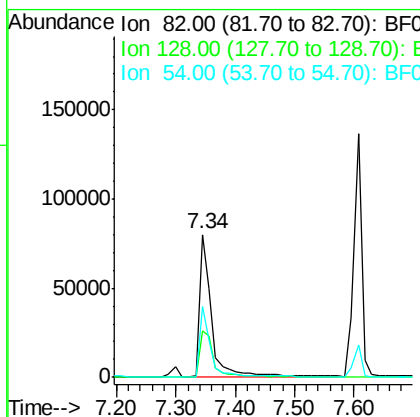
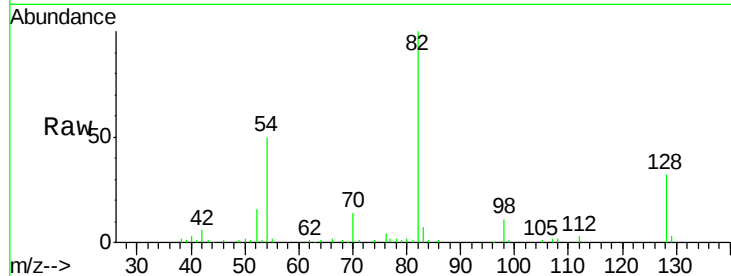
#23
 Nitrobenzene-d5
 Concen: 12.83 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	32.4	51.0	76.6#	
54	49.7	47.5	71.3	

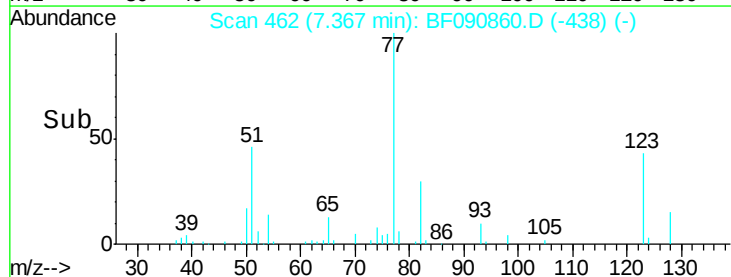
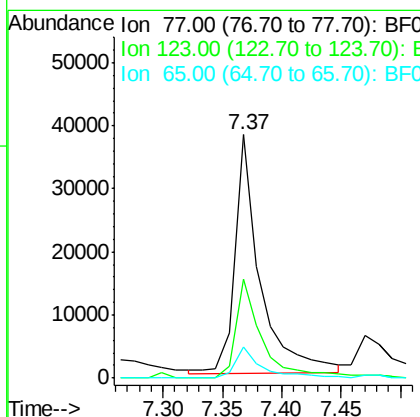
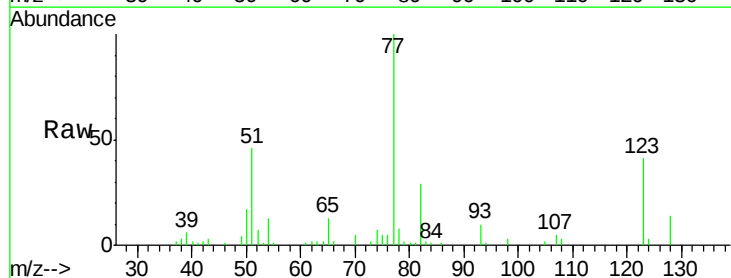
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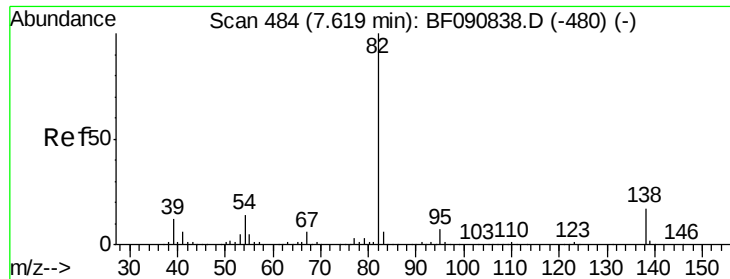
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#24
 Nitrobenzene
 Concen: 5.69 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	40.9	59.8	89.8#	
65	12.6	10.2	15.4	





#25

Isophorone

Concen: 6.46 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

Tot Ion: 82 Resp: 123166

Ion Ratio Lower Upper

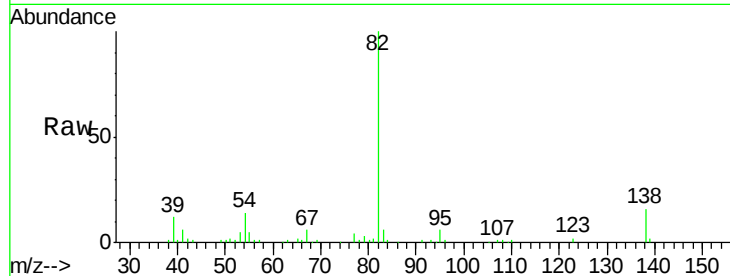
82 100

95 6.3 4.0 6.0#

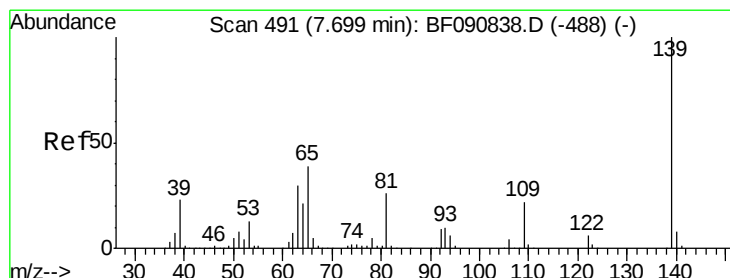
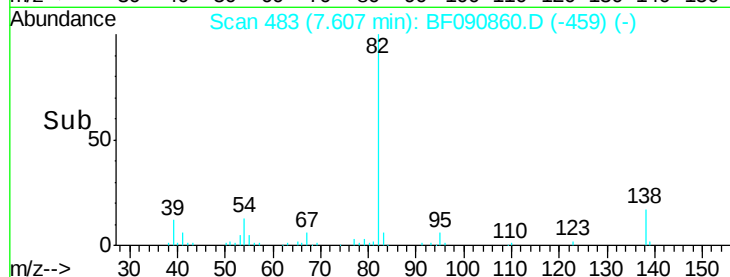
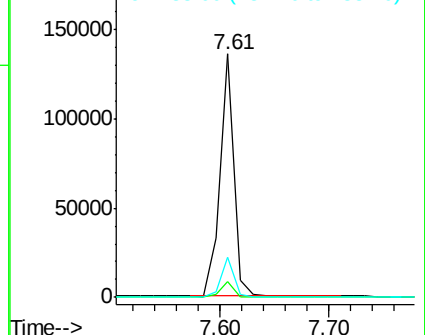
138 16.5 18.3 27.5#

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 4.56 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

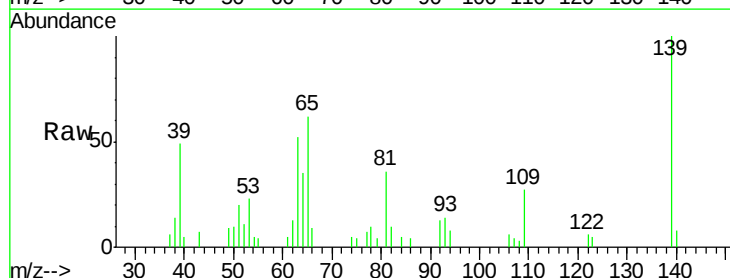
Tgt Ion: 139 Resp: 24274

Ion Ratio Lower Upper

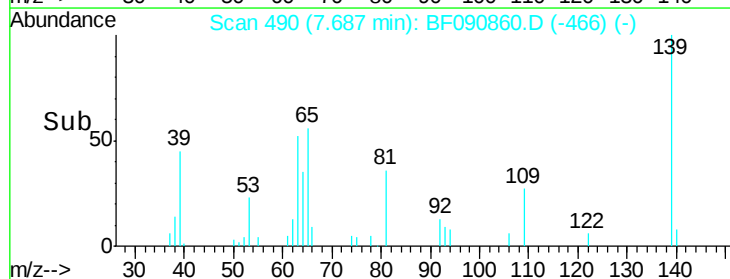
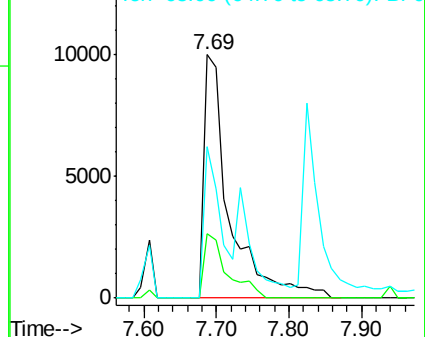
139 100

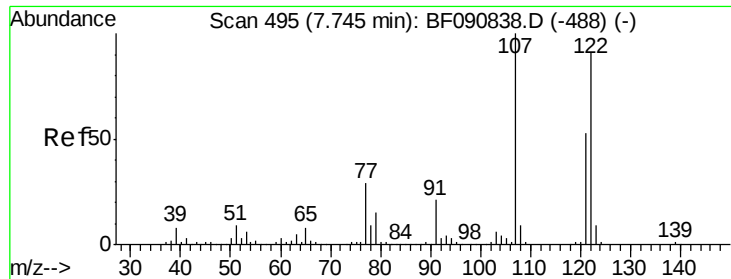
109 26.6 11.0 16.4#

65 62.2 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 5.31 ng

RT: 7.73 min Scan# 494

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

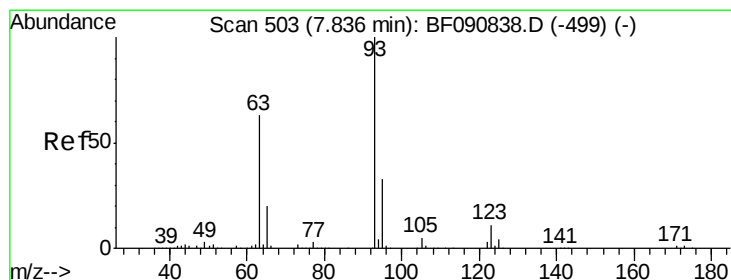
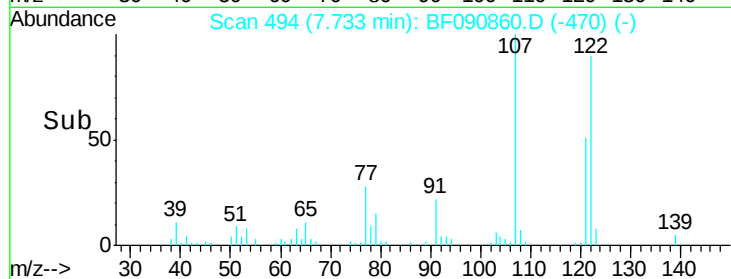
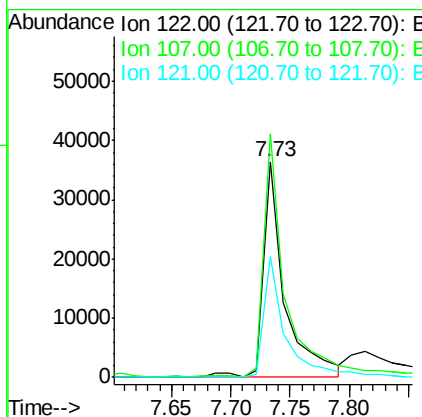
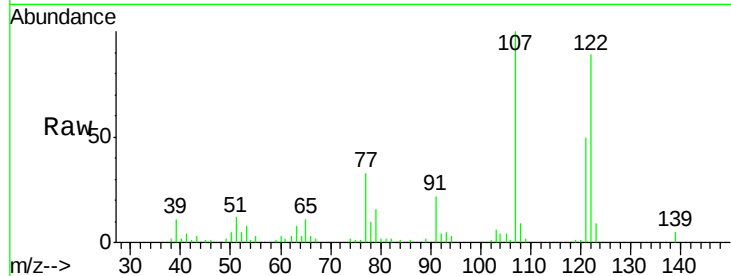
ClientSampled :

PB94264BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.8	71.8	107.6#
121	56.1	42.3	63.5

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#28

bis(2-Chloroethoxy)methane

Concen: 5.78 ng

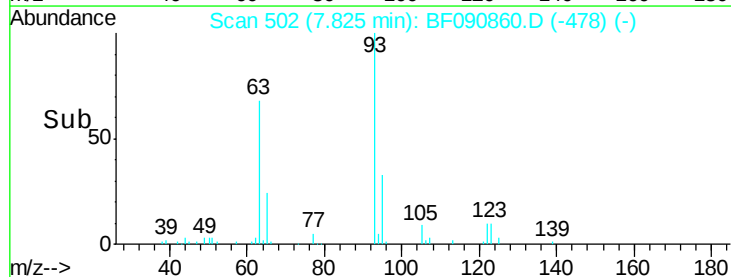
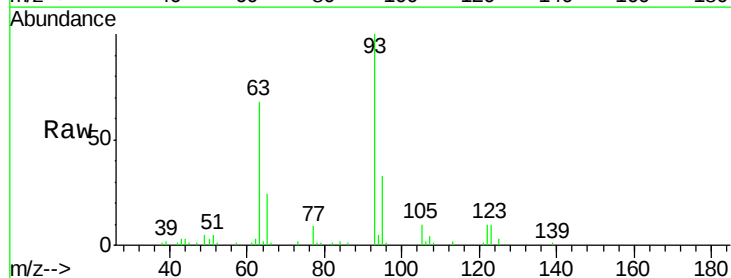
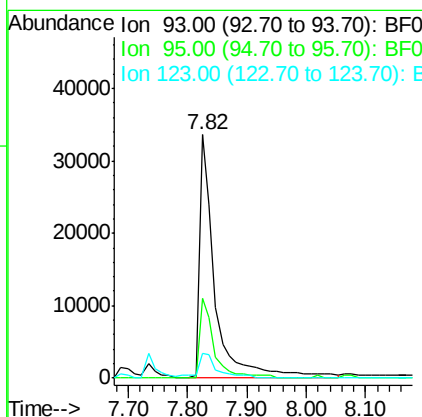
RT: 7.82 min Scan# 502

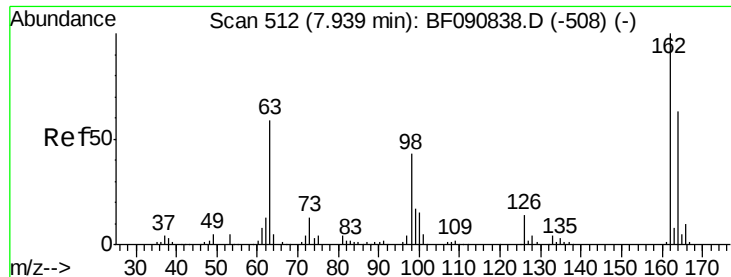
Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	27.5	41.3
123	10.0	13.7	20.5#





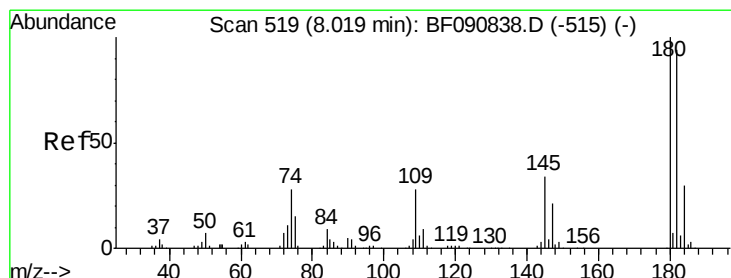
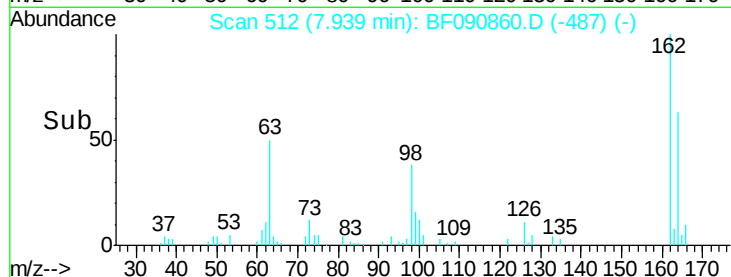
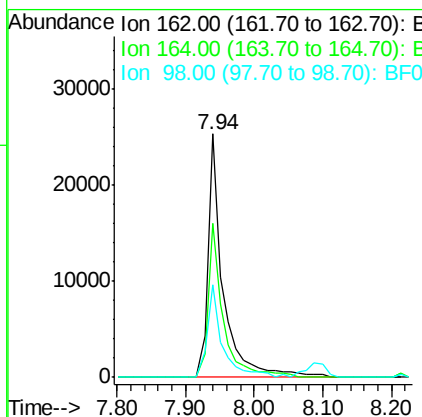
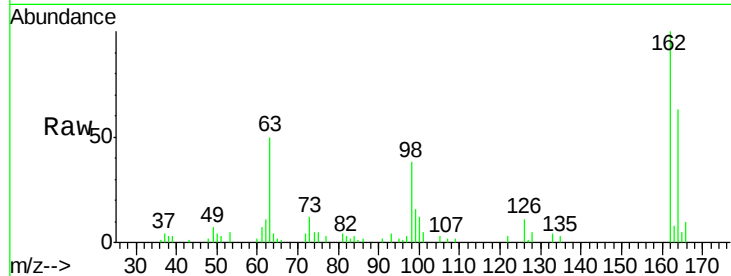
#29
2,4-Dichlorophenol
Concen: 4.89 ng
RT: 7.94 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.9	84.9
98	38.1	13.0	53.0

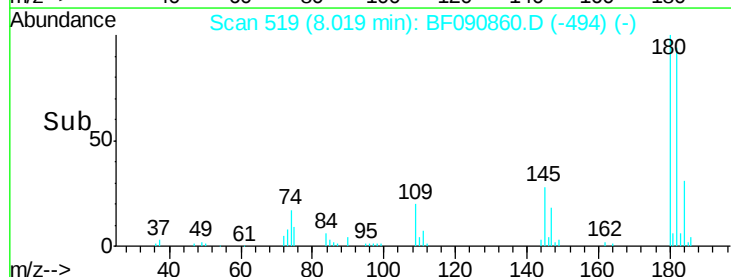
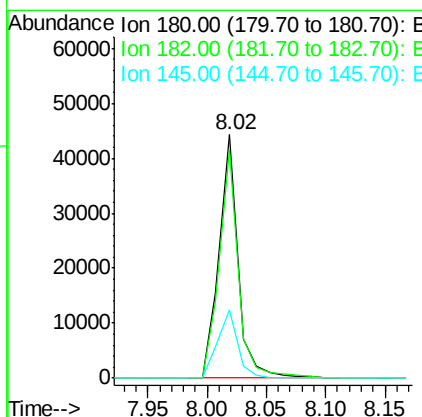
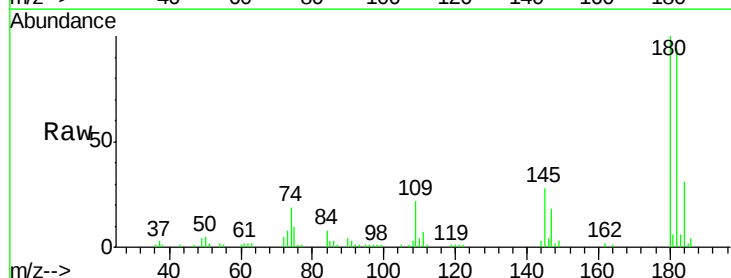
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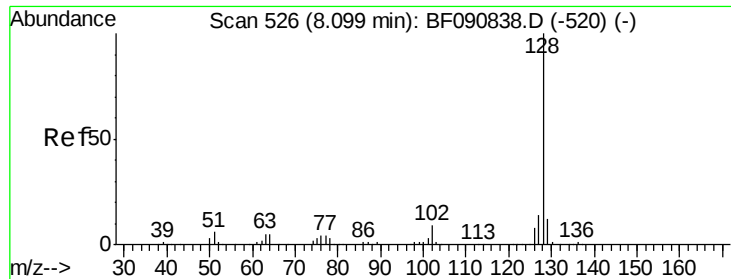
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#30
1,2,4-Trichlorobenzene
Concen: 5.31 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.1	115.7
145	28.2	23.3	34.9





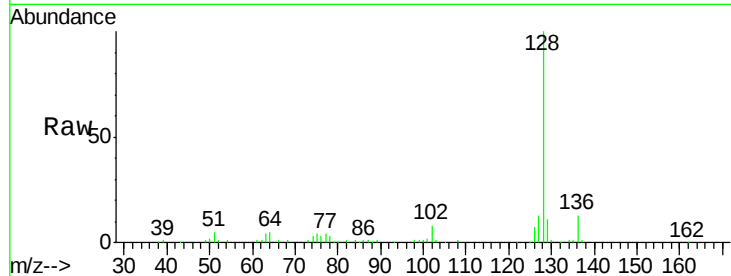
#31
Naphthalene
Concen: 5.79 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	166443		
129	10.6		8.4	12.6
127	12.8		9.9	14.9

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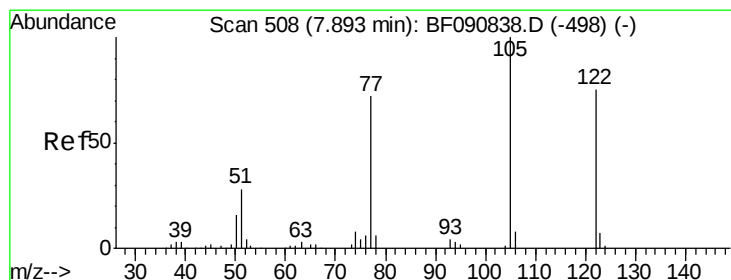
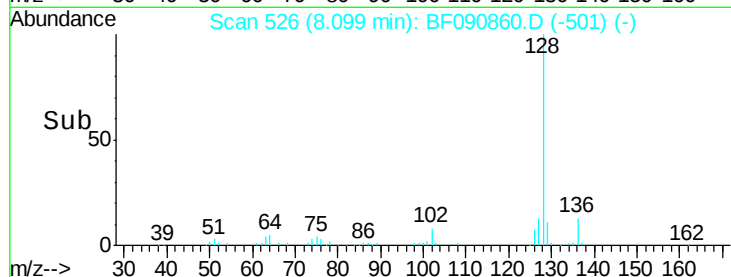
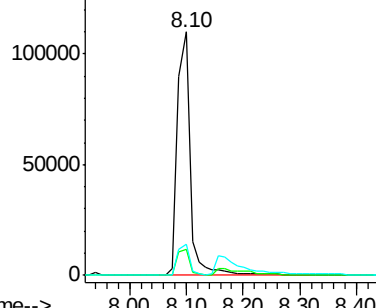


Abundance

Ion 128.00 (127.70 to 128.70): E

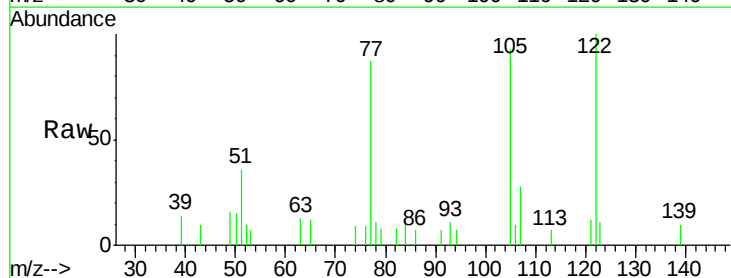
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 2.21 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.09 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	13853		
105	92.9		76.1	116.1
77	86.9		40.5	80.5#

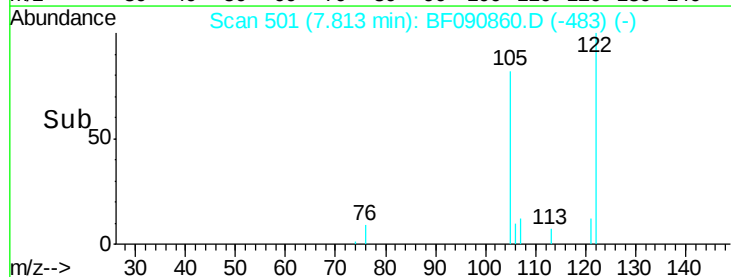
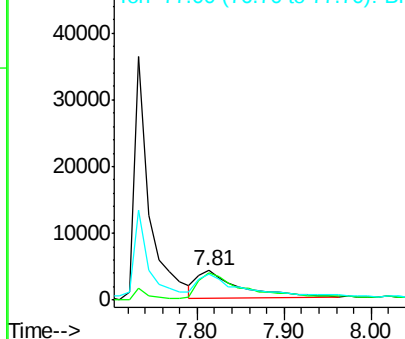


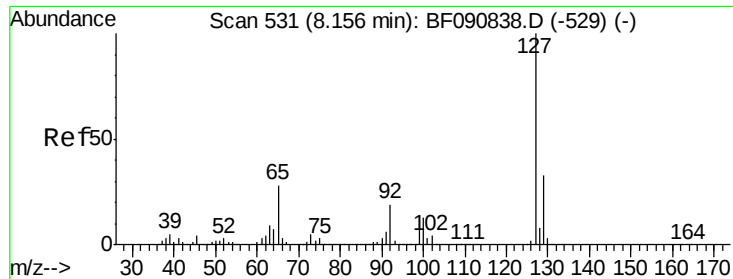
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





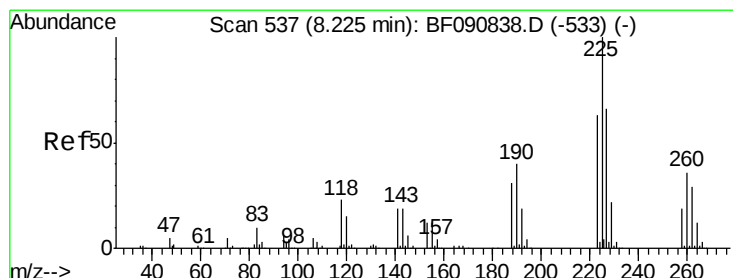
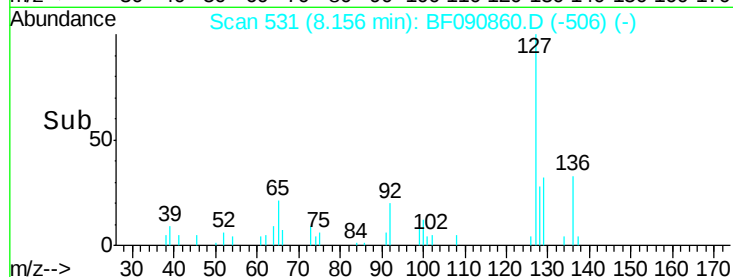
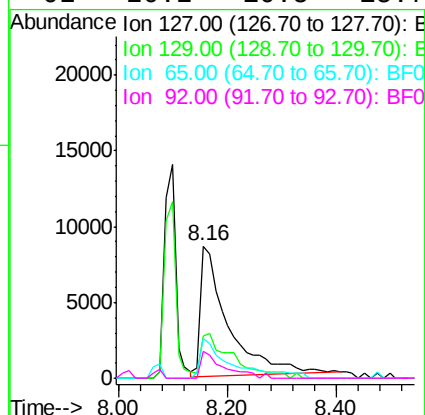
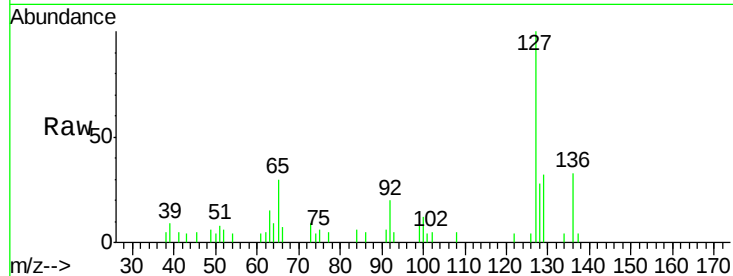
#33
4-Chloroaniline
Concen: 2.61 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	29.9	17.9	26.9
92	20.2	10.5	15.7

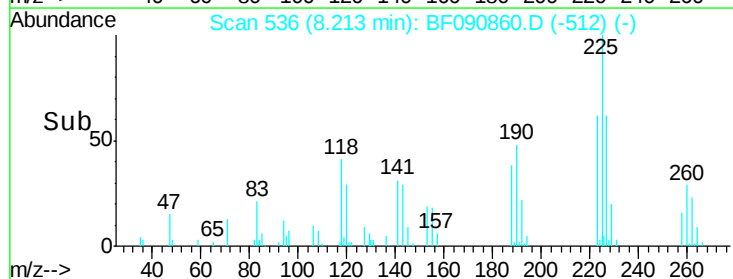
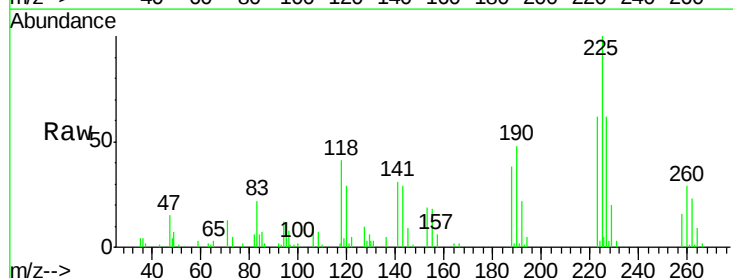
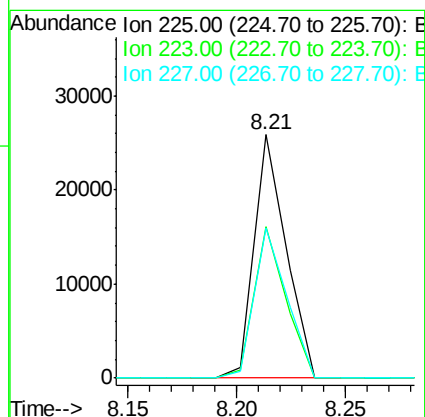
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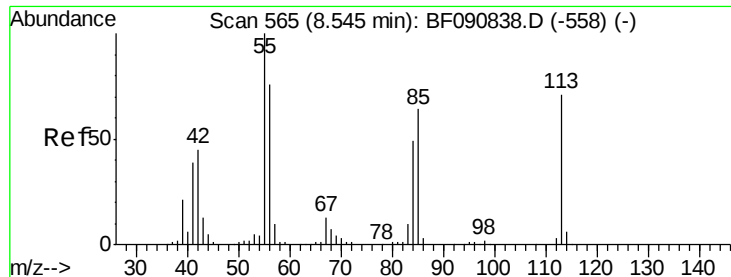
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#34
Hexachlorobutadiene
Concen: 4.87 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.2	75.2
227	61.5	52.2	78.2





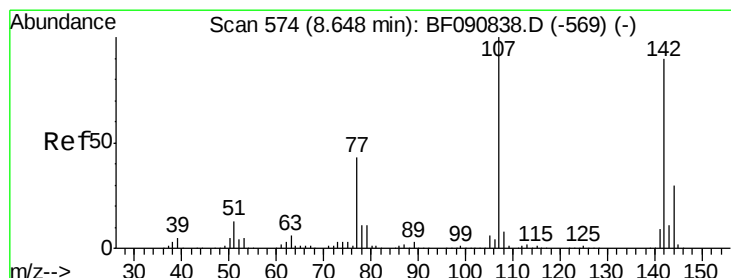
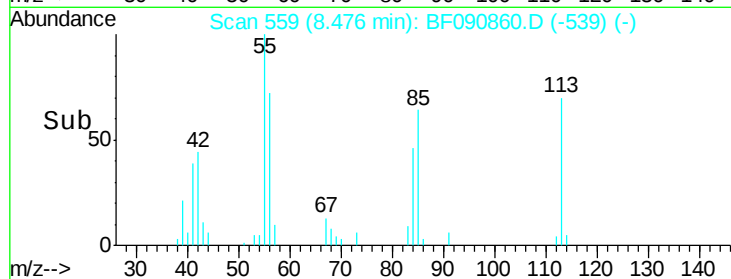
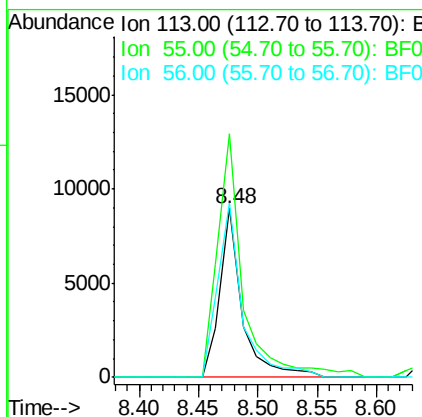
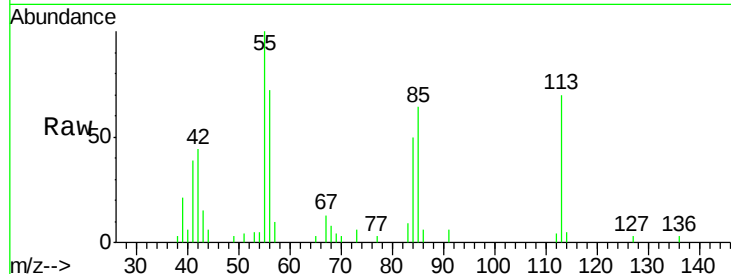
#35
Caprolactam
Concen: 4.76 ng
RT: 8.48 min Scan# 559
Delta R.T. -0.07 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	143.8	152.4	192.4#
56	103.3	104.6	144.6#

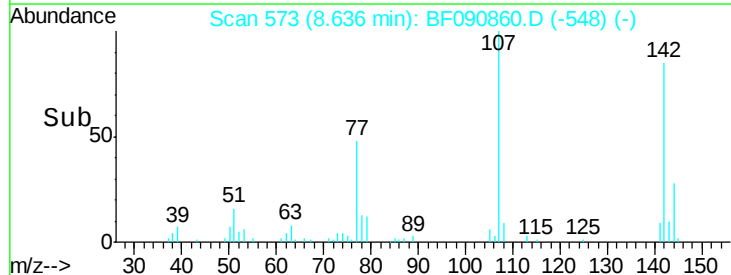
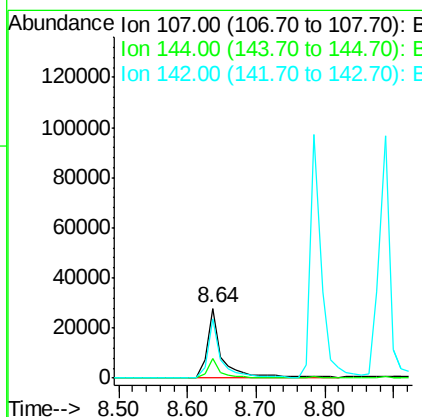
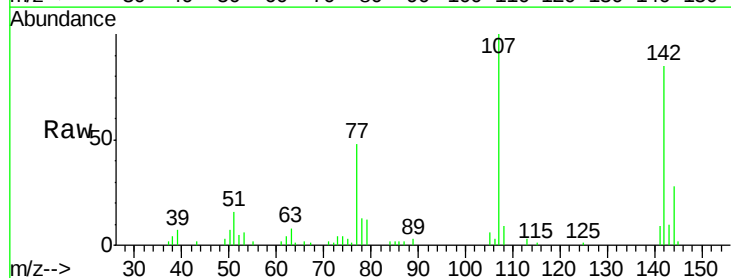
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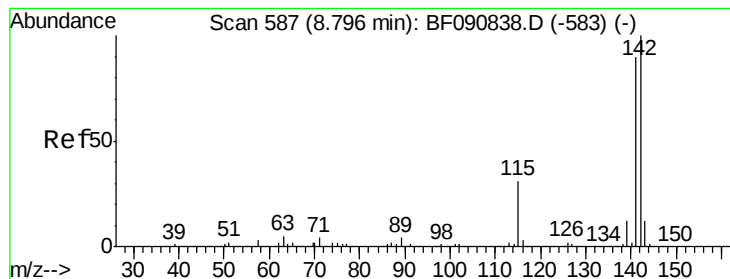
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#36
4-Chloro-3-methylphenol
Concen: 4.92 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	25.4	38.0
142	84.9	77.3	115.9





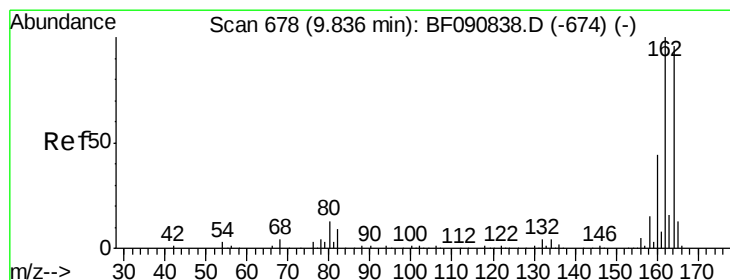
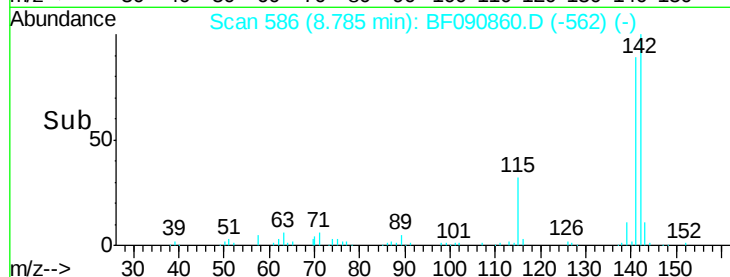
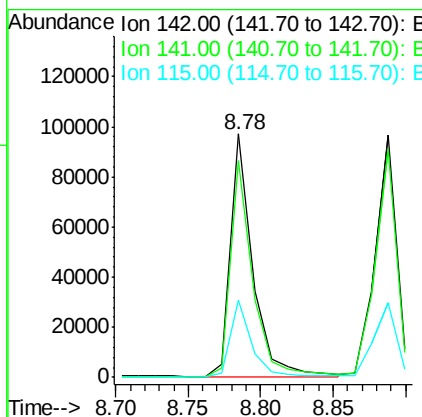
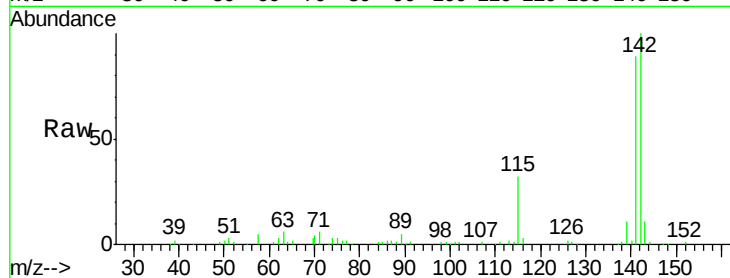
#37
2-Methylnaphthalene
Concen: 5.59 ng
RT: 8.78 min Scan# 586
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	67.5	101.3
115	31.6	18.2	27.2

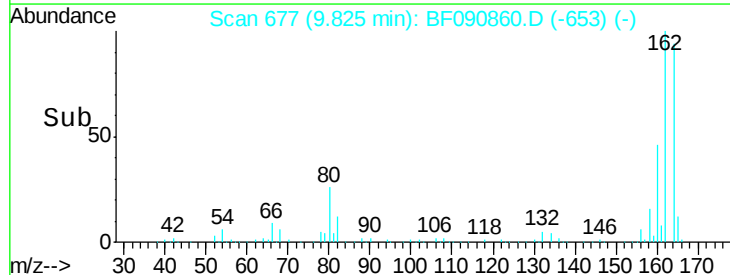
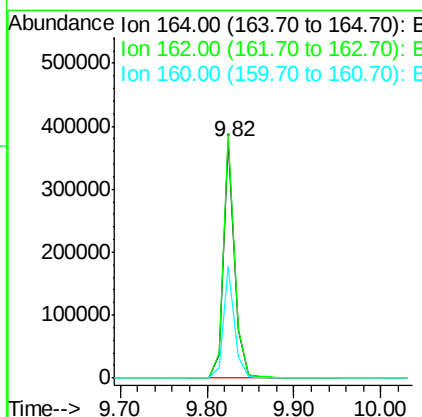
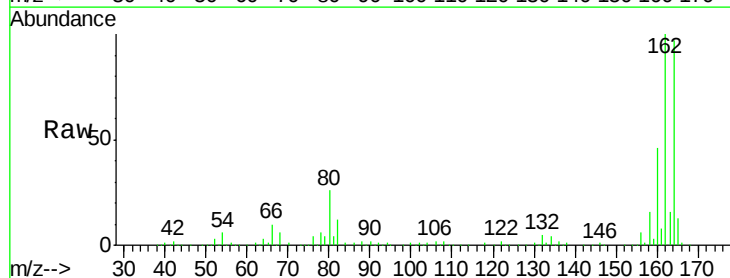
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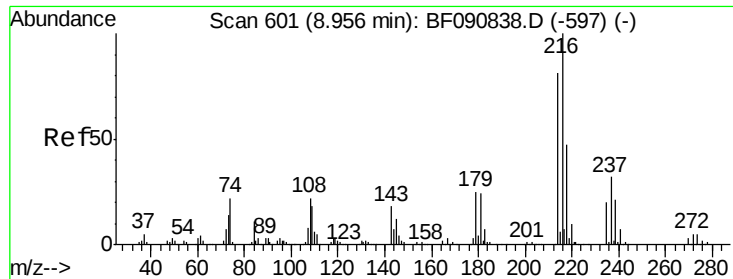
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	75.2	112.8
160	47.3	31.5	47.3





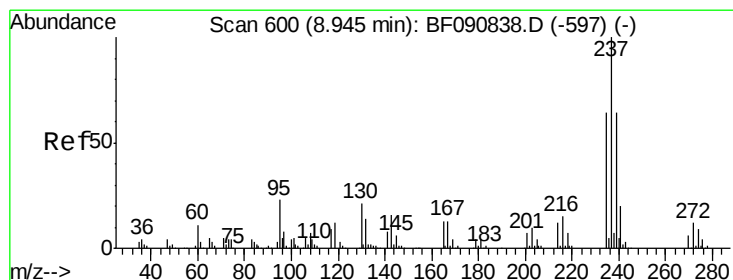
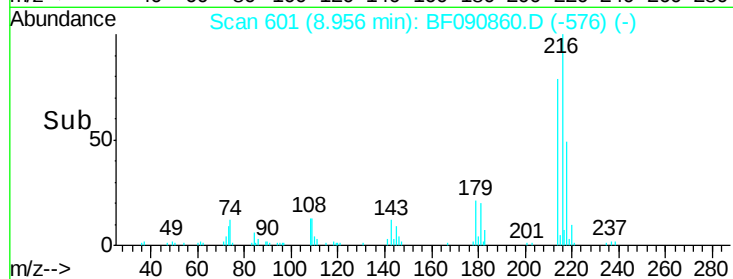
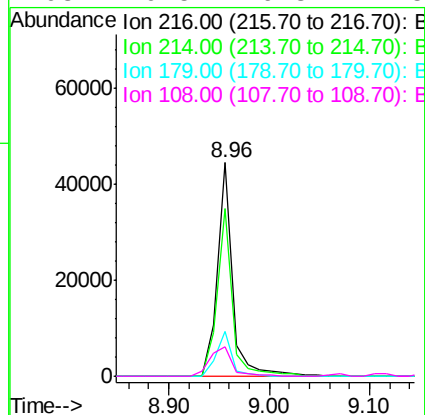
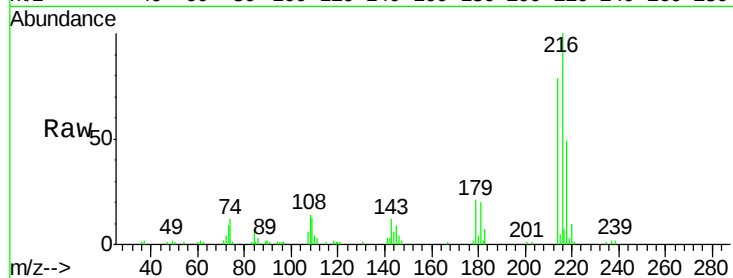
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.94 ng
 RT: 8.96 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

Manual Integrations
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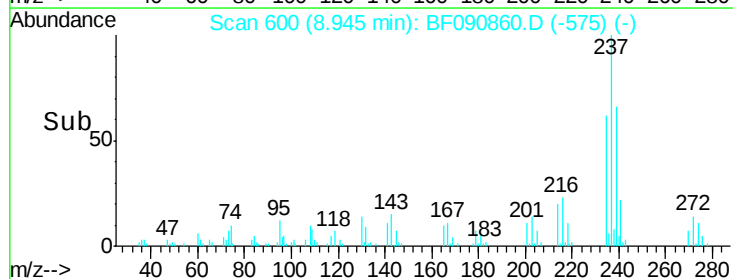
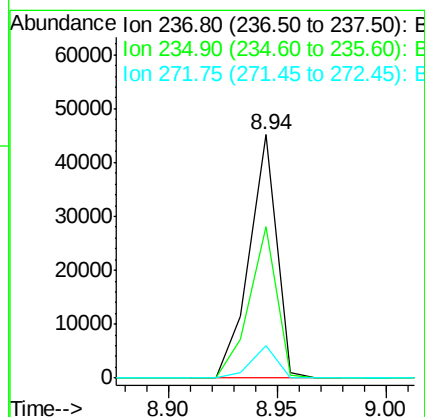
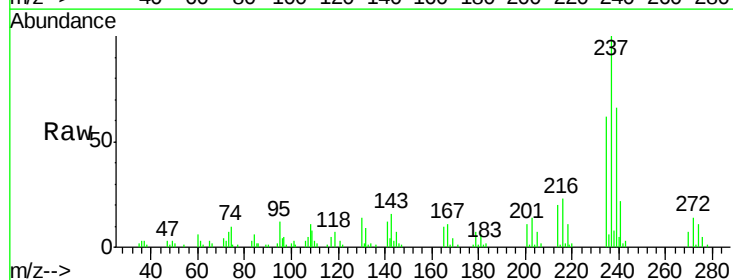
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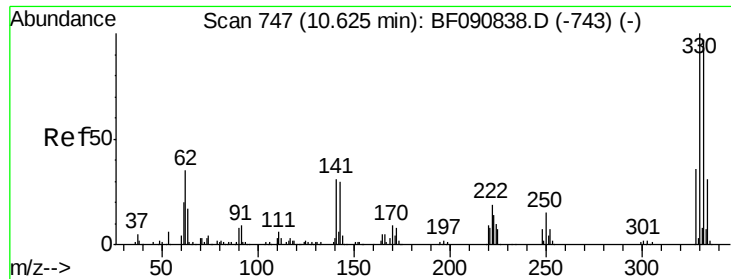
Tot Ion:	216	Resp:	46849
Ion Ratio	Lower	Upper	
216	100		
214	78.0	63.5	95.3
179	21.0	16.6	24.8
108	20.5	16.3	24.5



#40
 Hexachlorocyclopentadiene
 Concen: 9.07 ng
 RT: 8.94 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion:	237	Resp:	39519
Ion Ratio	Lower	Upper	
237	100		
235	62.0	42.0	82.0
272	13.6	0.0	36.1





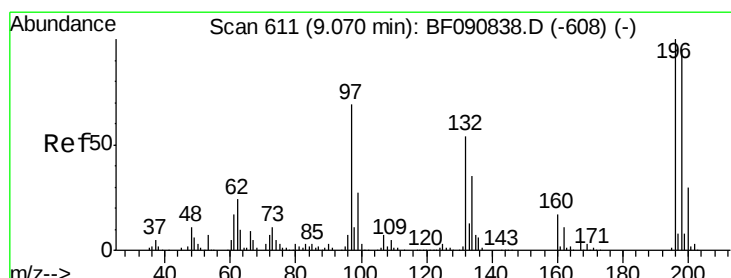
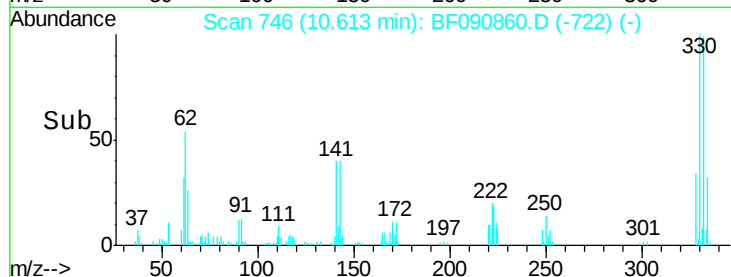
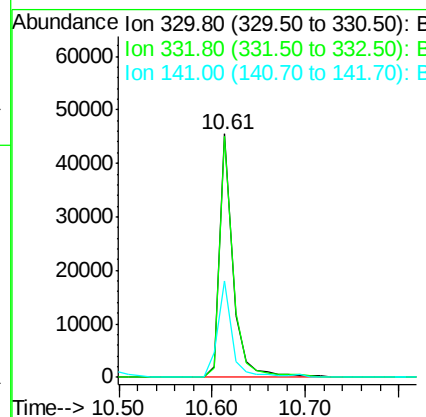
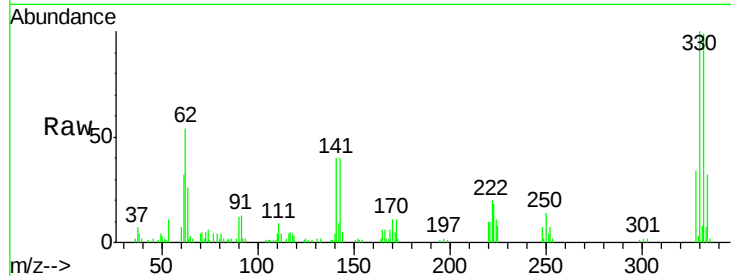
#41
 2,4,6-Tribromophenol
 Concen: 12.85 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	76.6	114.8
141	43.4	29.7	44.5

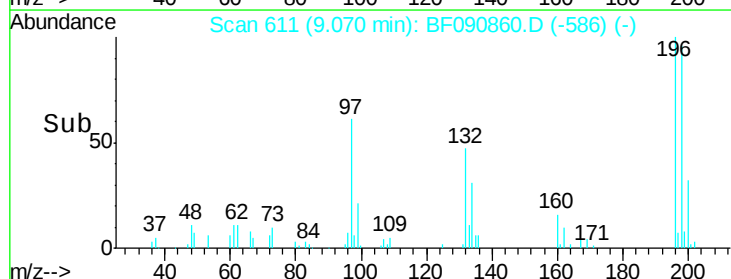
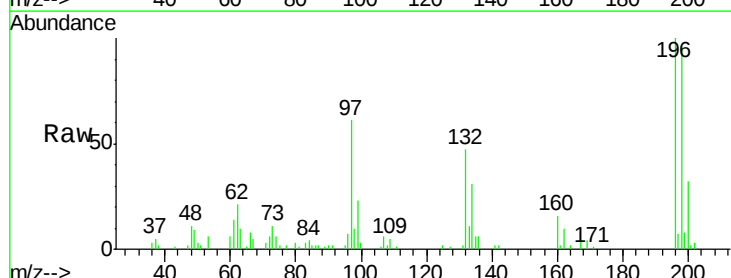
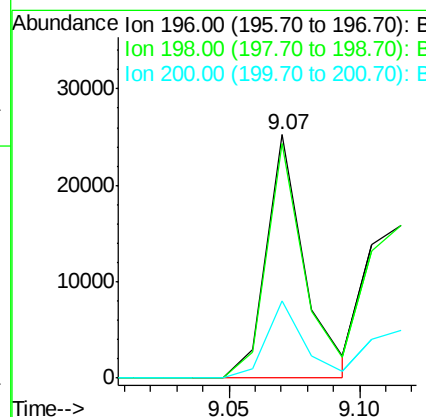
Manual Integrations
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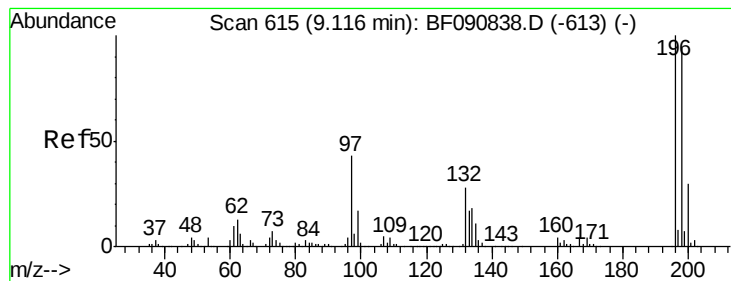
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#42
 2,4,6-Trichlorophenol
 Concen: 4.23 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	75.7	113.5
200	31.5	23.9	35.9





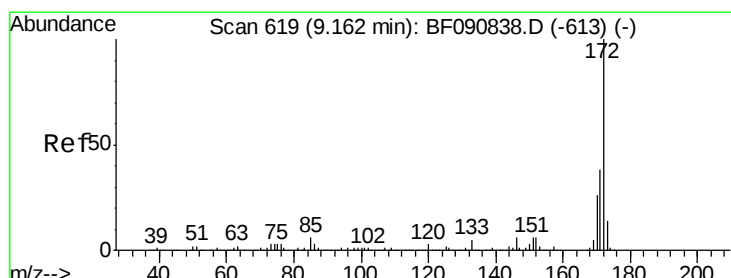
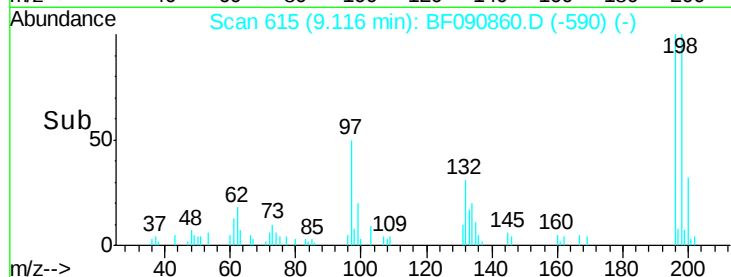
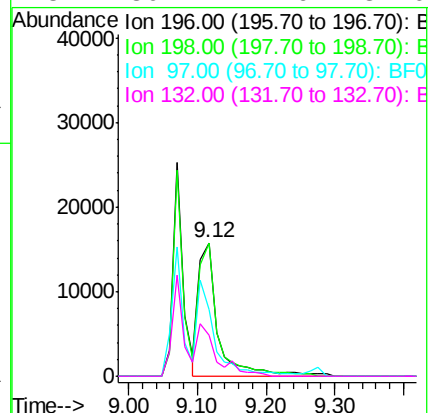
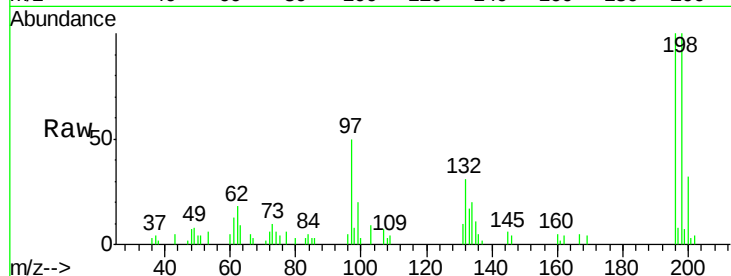
#43
 2,4,5-Trichlorophenol
 Concen: 4.94 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

Tot Ion:	196	Resp:	31143
Ion Ratio	Lower	Upper	
196	100		
198	100.1	75.4	113.0
97	50.2	33.3	49.9
132	30.7	24.6	37.0

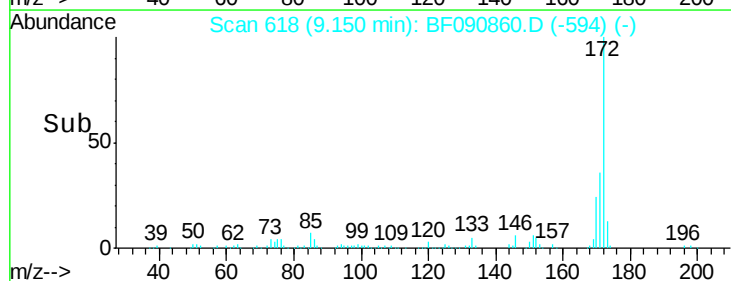
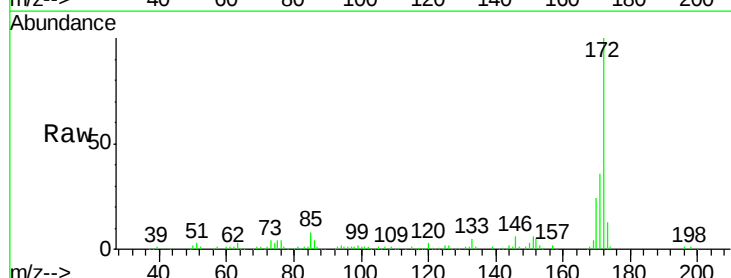
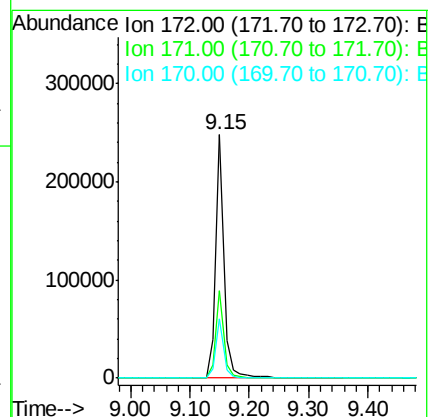
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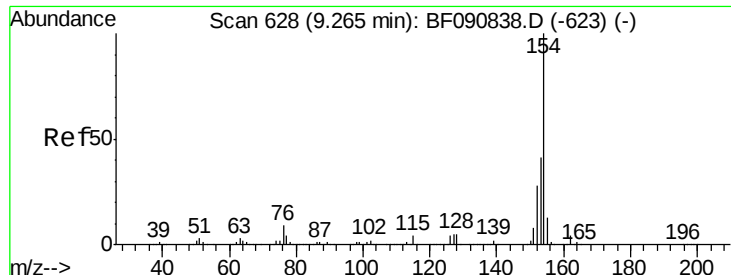
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#44
 2-Fluorobiphenyl
 Concen: 12.34 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion:	172	Resp:	242692
Ion Ratio	Lower	Upper	
172	100		
171	35.9	26.1	39.1
170	24.2	17.4	26.2





#45

1,1'-Biphenyl

Concen: 5.41 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

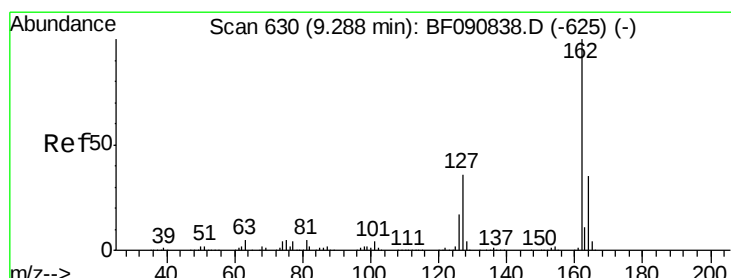
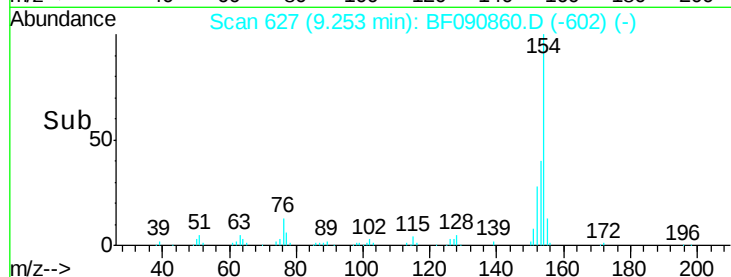
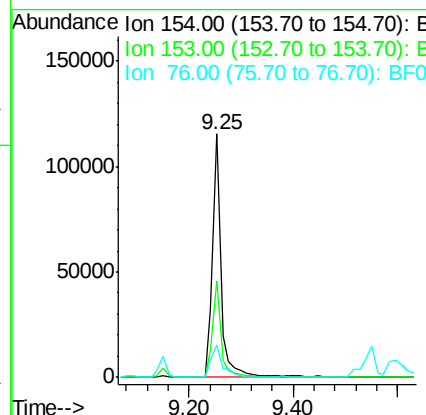
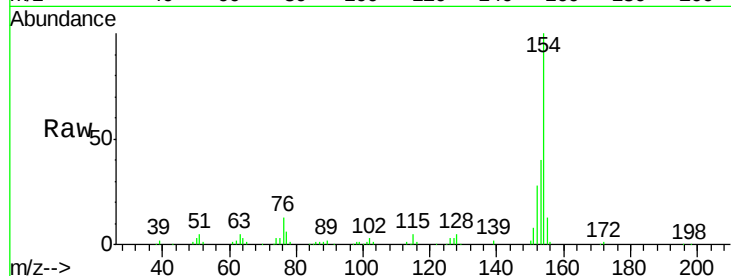
ClientSampled :

PB94264BS

Tot Ion:	154	Resp:	134583
Ion Ratio	Lower	Upper	
154	100		
153	39.8	17.1	57.1
76	13.3	0.0	31.6

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#46

2-Chloronaphthalene

Concen: 5.54 ng

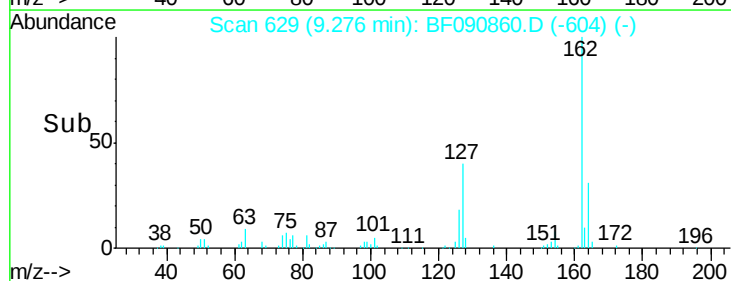
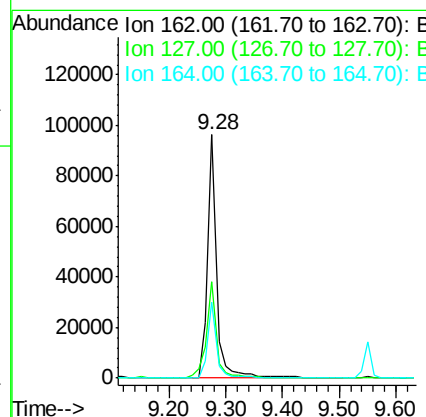
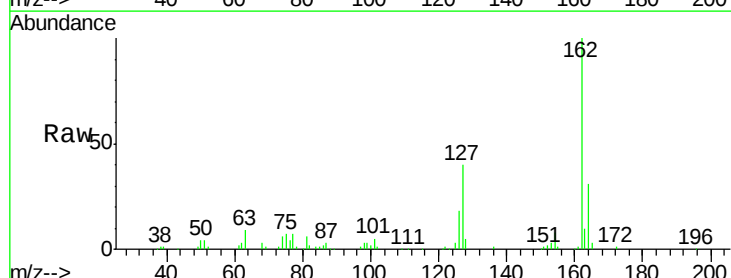
RT: 9.28 min Scan# 629

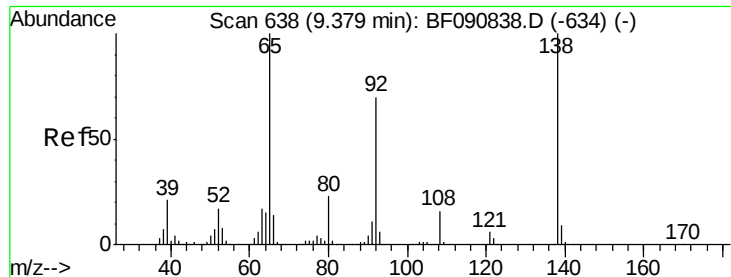
Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Tgt Ion:	162	Resp:	104816
Ion Ratio	Lower	Upper	
162	100		
127	39.5	27.6	41.4
164	31.0	25.4	38.2





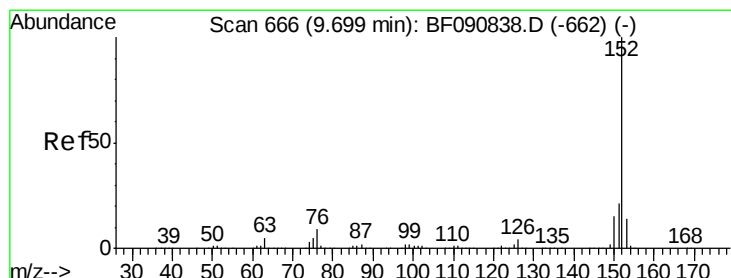
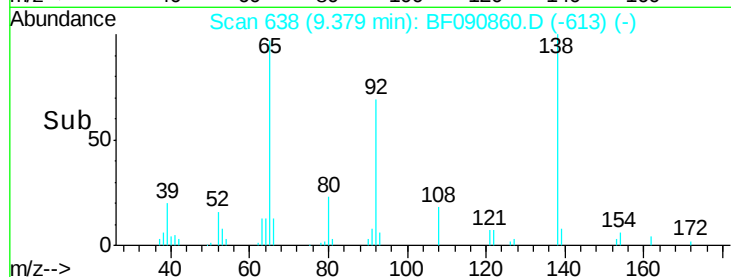
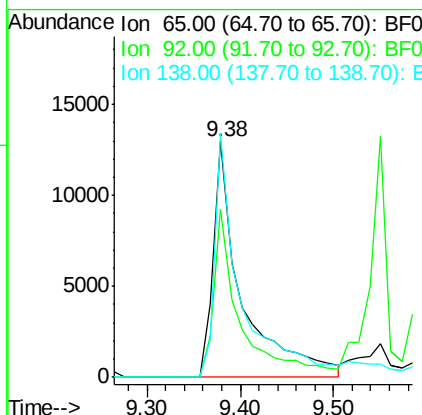
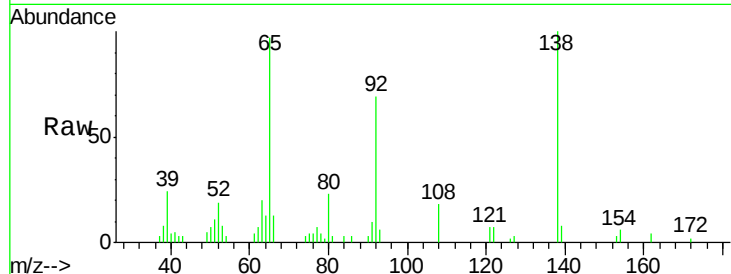
#47
2-Nitroaniline
Concen: 5.22 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.3	55.4	83.0
138	103.3	115.5	173.3#

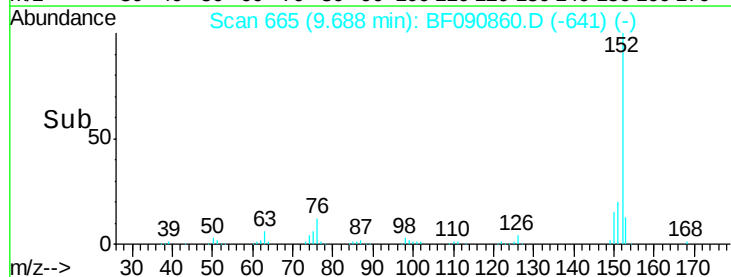
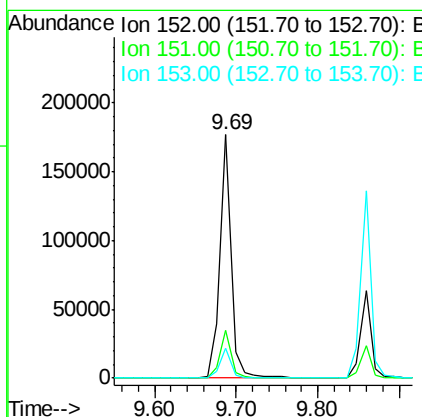
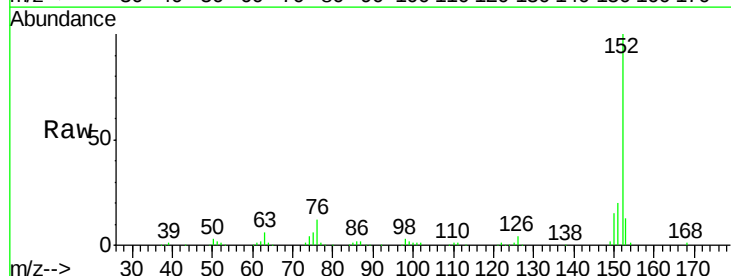
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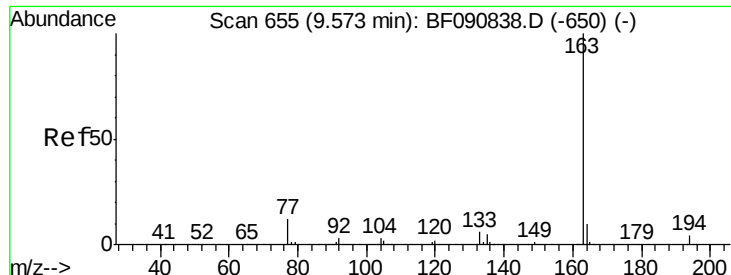
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#48
Acenaphthylene
Concen: 5.94 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	14.6	22.0
153	12.5	10.3	15.5





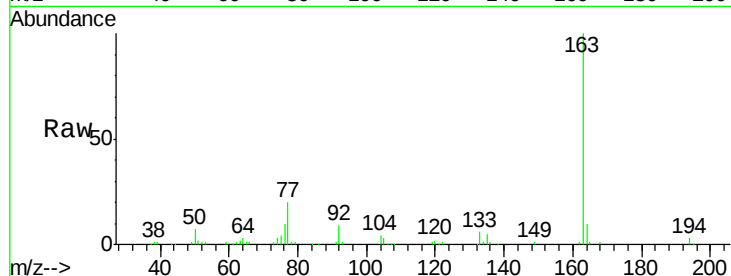
#49
Dimethylphthalate
Concen: 5.60 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

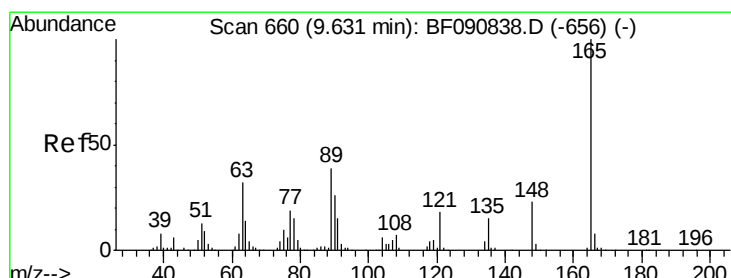
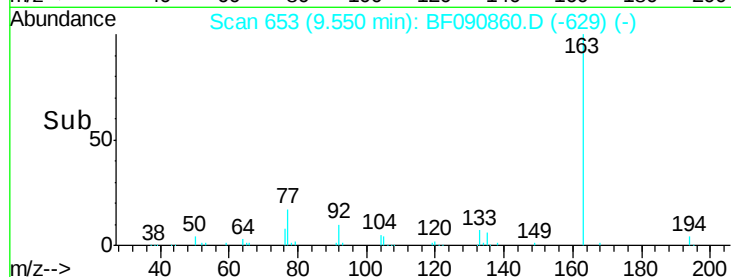
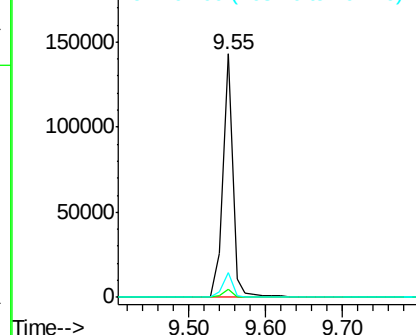
Tot Ion	Ratio	Resp	Lower	Upper
163	100	129213		
194	3.3		4.4	6.6#
164	10.0		8.3	12.5

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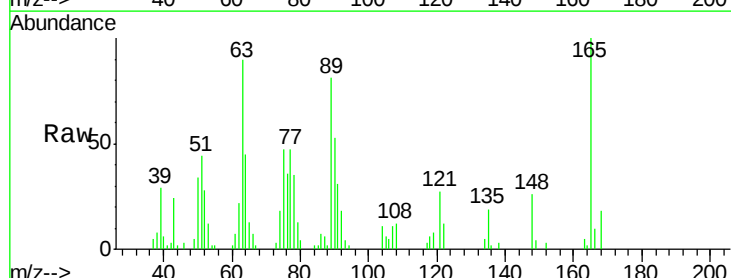


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

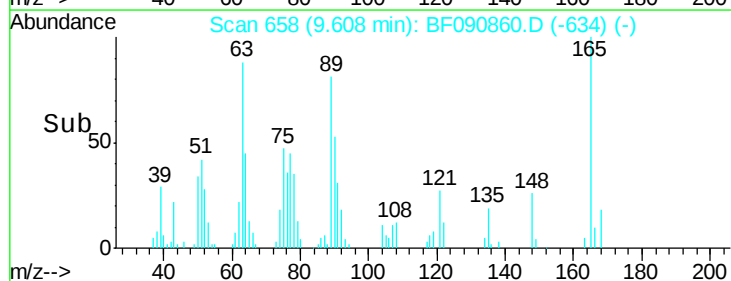
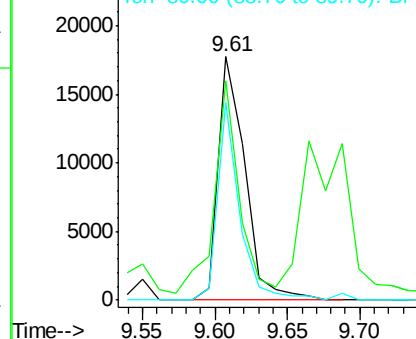


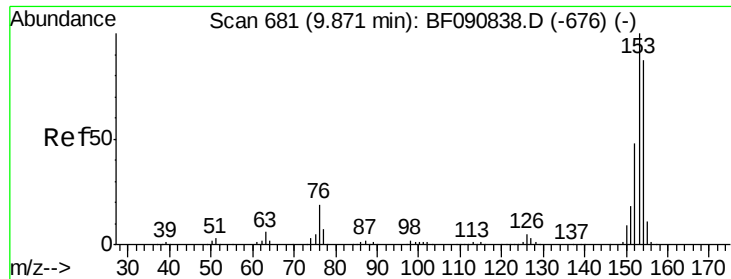
#50
2,6-Dinitrotoluene
Concen: 4.48 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	22812		
63	90.3		32.3	48.5#
89	80.9		28.6	43.0#



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





#51

Acenaphthene

Concen: 5.88 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

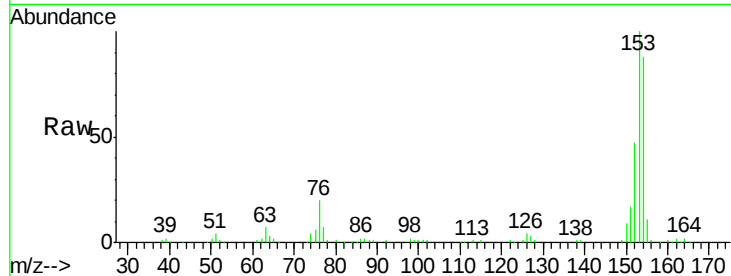
ClientSampleId :

PB94264BS

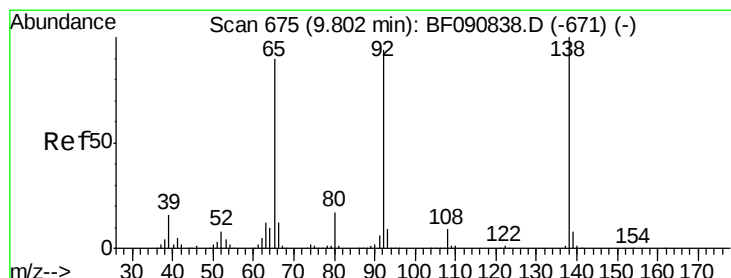
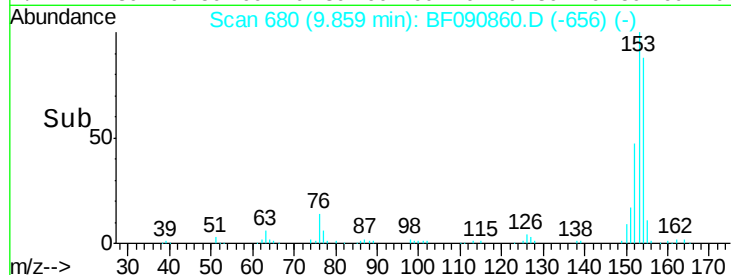
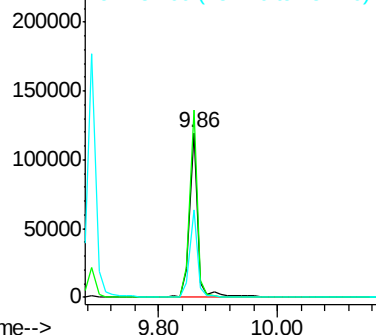
Tot Ion:	154	Resp:	116052
Ion Ratio	Lower	Upper	
154	100		
153	113.6	82.1	123.1
152	53.5	37.9	56.9

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



#52

3-Nitroaniline

Concen: 3.86 ng

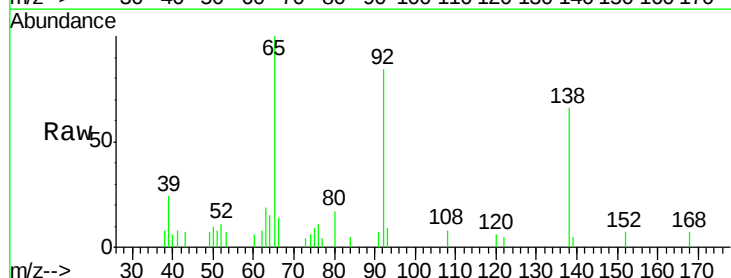
RT: 9.79 min Scan# 674

Delta R.T. -0.01 min

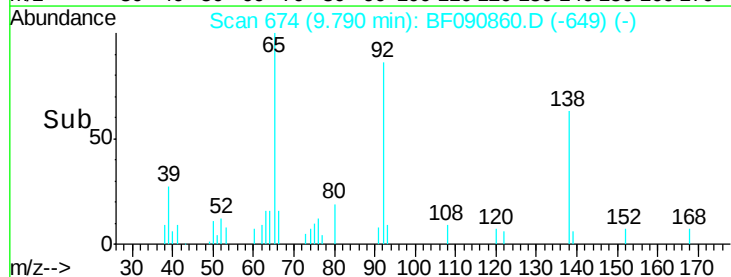
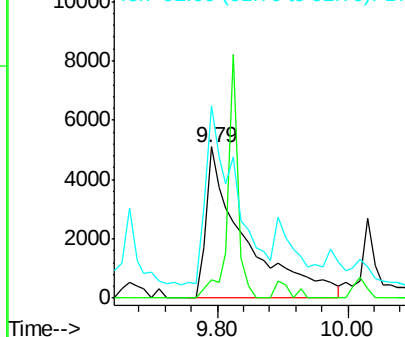
Lab File: BF090860.D

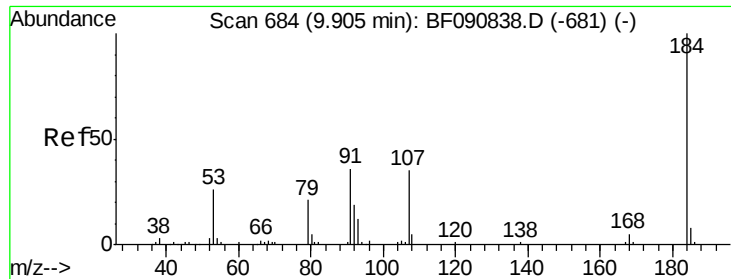
Acq: 27 Oct 2016 00:26

Tgt Ion:	138	Resp:	20934
Ion Ratio	Lower	Upper	
138	100		
108	11.8	5.7	8.5#
92	127.1	67.7	101.5#



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





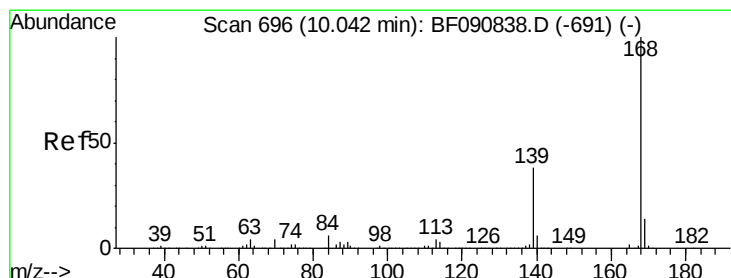
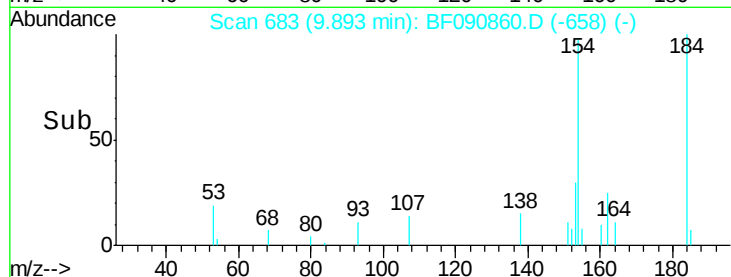
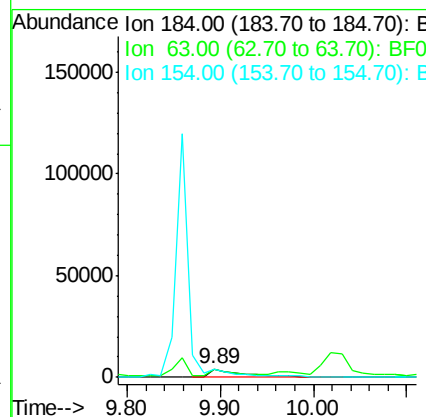
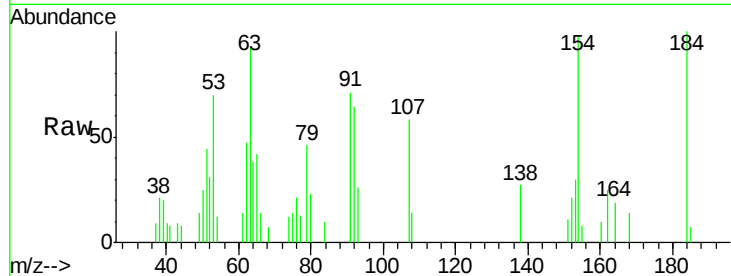
#53
2,4-Dinitrophenol
Concen: 4.06 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	10891		
63	91.8	35.4	53.2#	
154	98.2	32.2	48.4#	

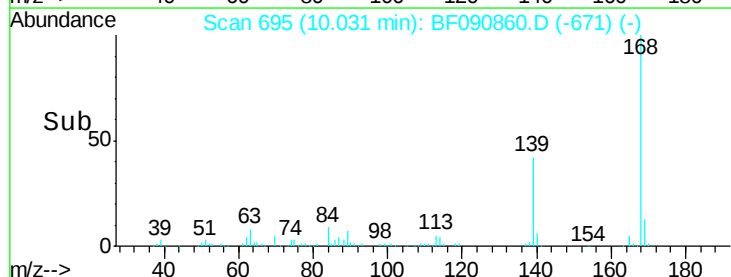
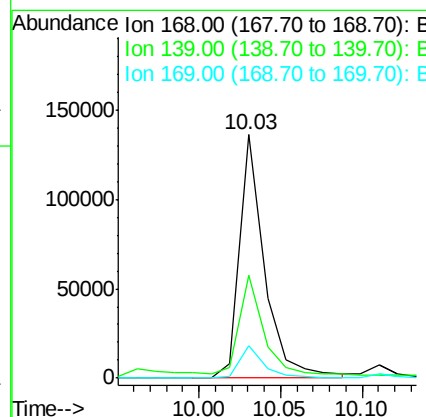
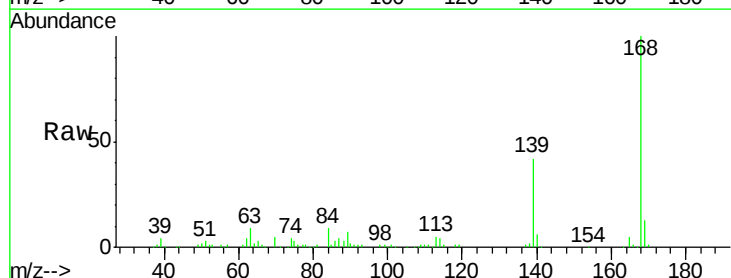
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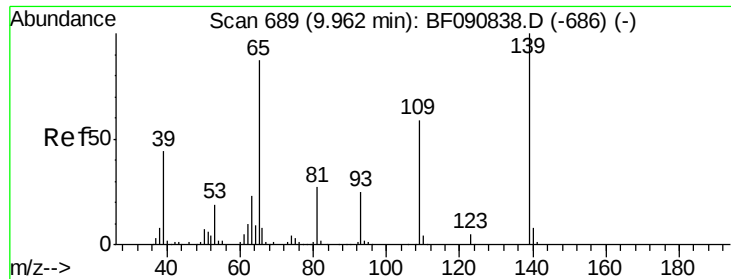
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#54
Dibenzofuran
Concen: 5.66 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	144070		
139	42.2	24.2	36.2#	
169	13.1	10.6	15.8	





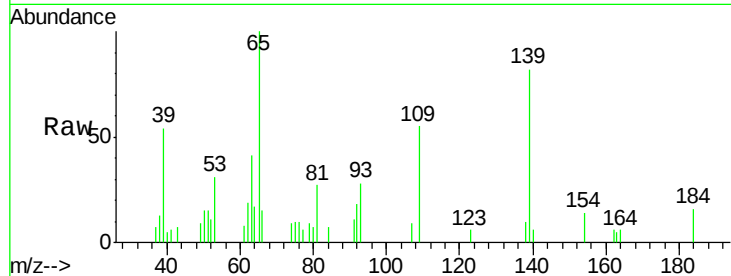
#55
4-Nitrophenol
Concen: 3.94 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.6	12.7	52.7#	
65	121.4	45.9	85.9#	

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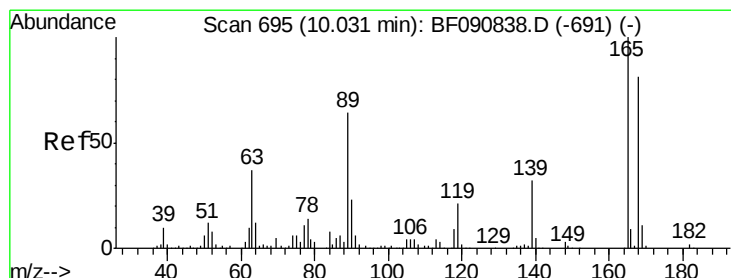
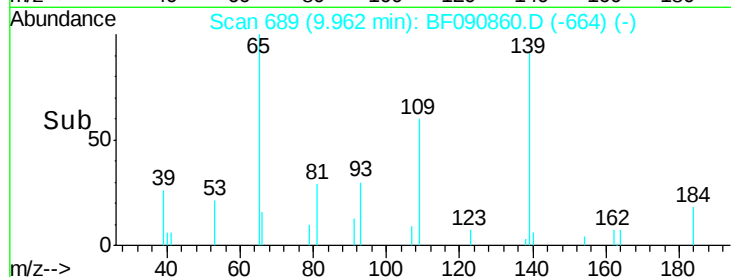
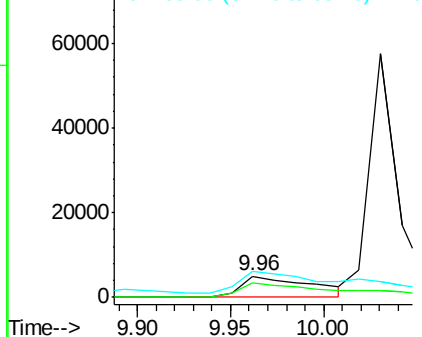


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56
2,4-Dinitrotoluene
Concen: 4.75 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.1	29.8	44.6#	
89	71.7	44.5	66.7#	
182	2.2	3.0	4.4#	

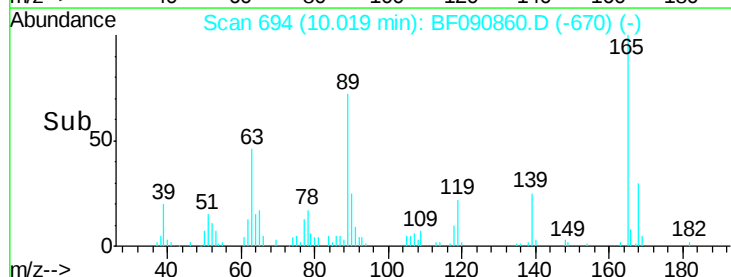
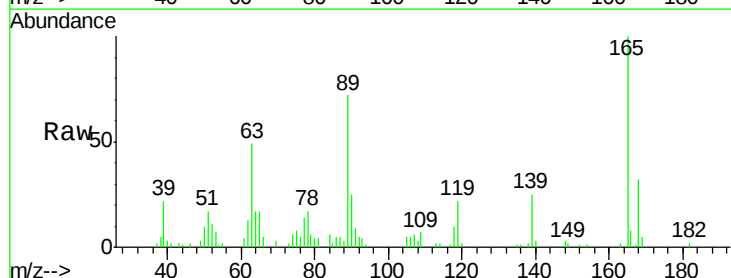
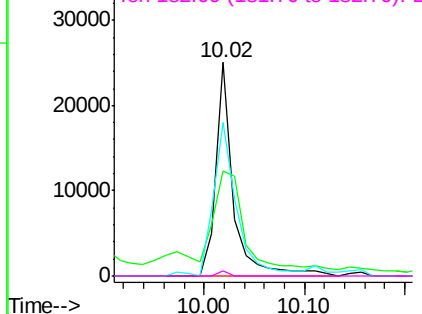
Abundance

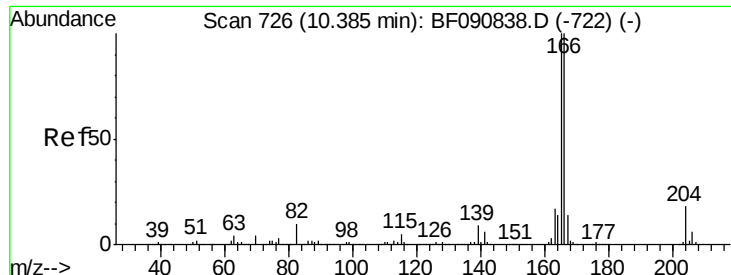
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





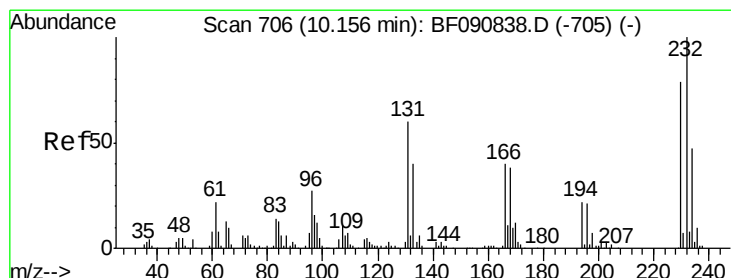
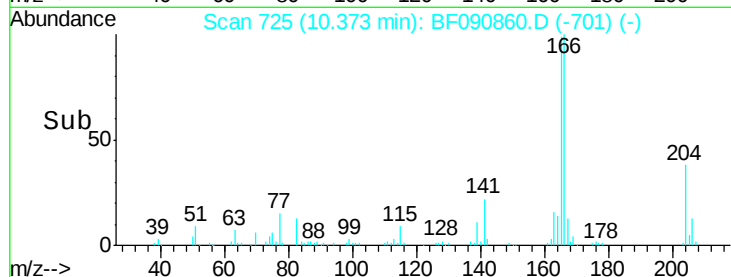
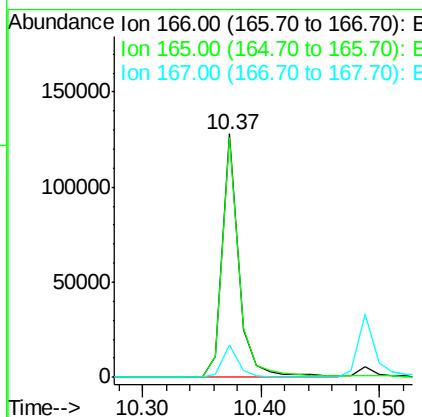
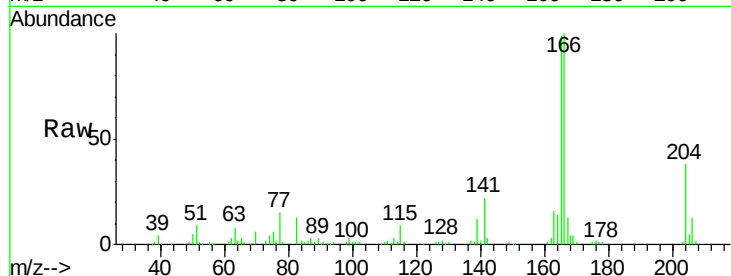
#57
Fluorene
 Concen: 5.90 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	123072		
165	98.7	72.6	109.0	
167	13.2	10.6	16.0	

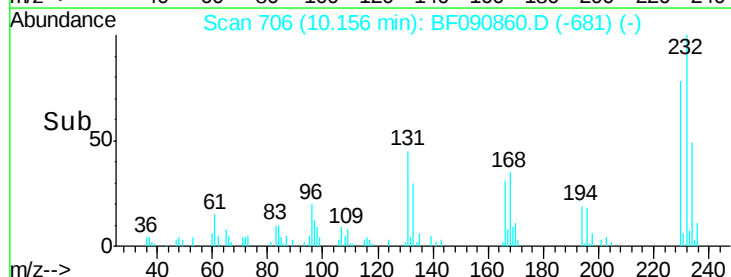
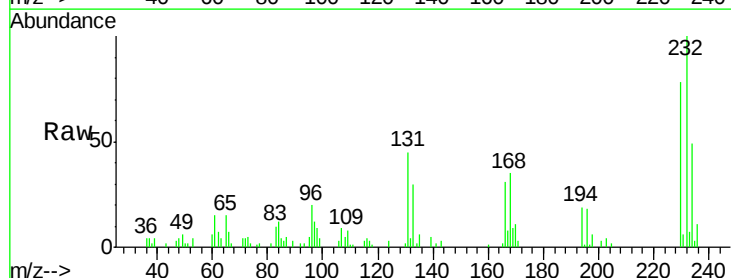
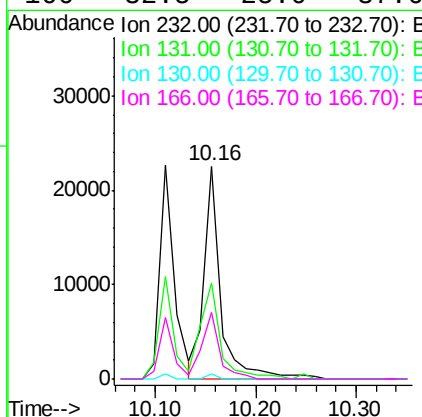
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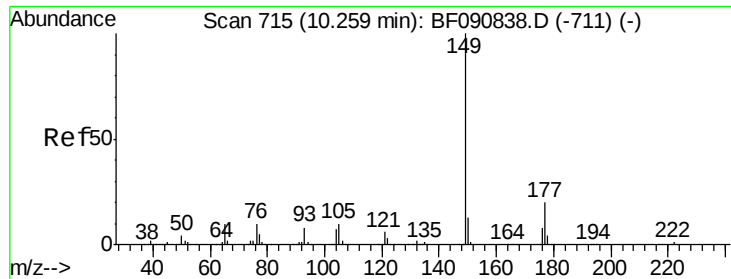
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 4.67 ng
 RT: 10.16 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	26262		
131	54.0	38.5	57.7	
130	1.4	1.8	2.6	
166	32.5	25.0	37.6	





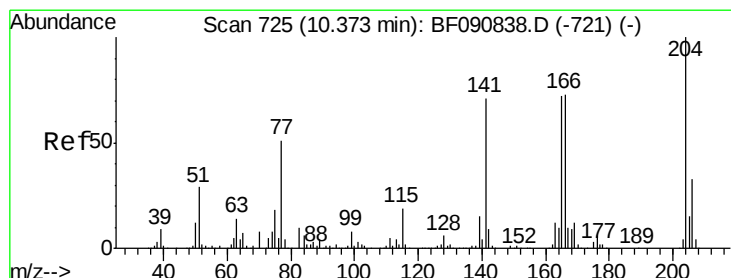
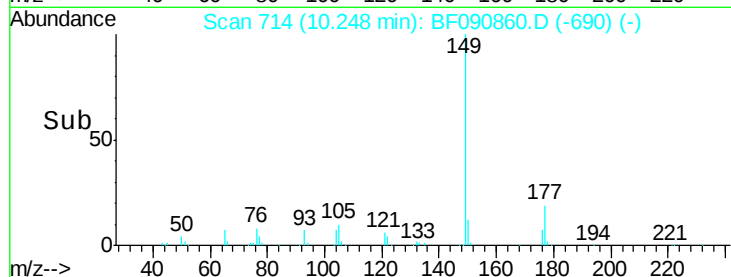
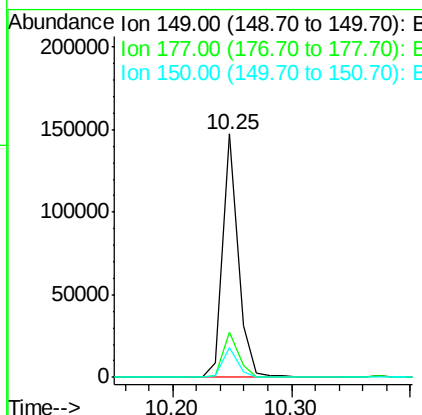
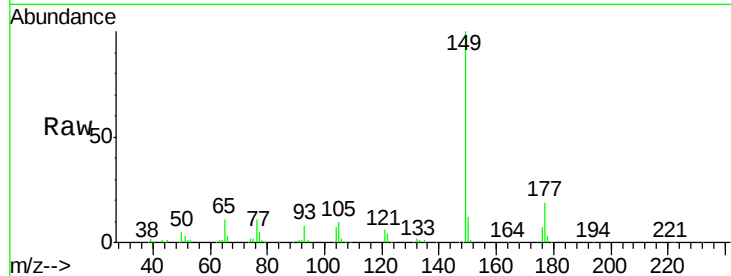
#59
Diethylphthalate
Concen: 5.80 ng
RT: 10.25 min Scan# 714
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	132876		
177	18.7		17.5	26.3
150	12.0		9.4	14.2

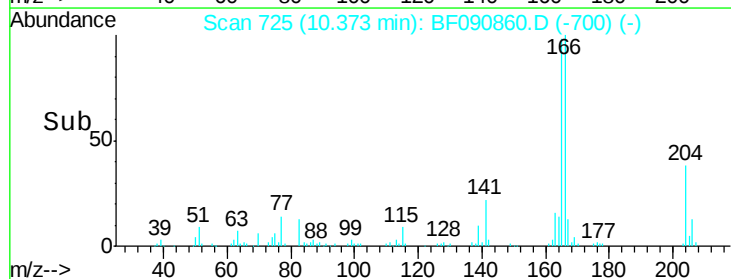
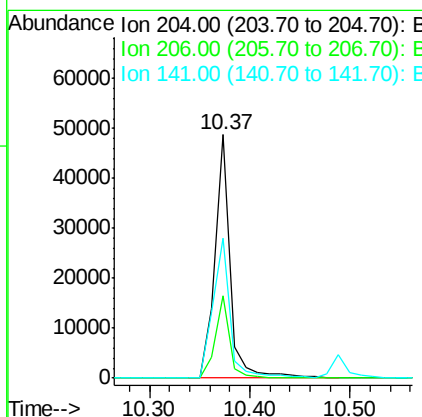
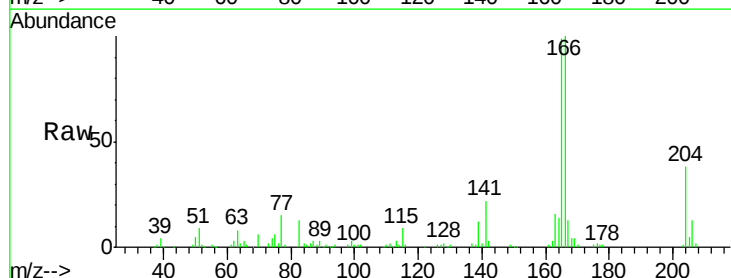
Manual Integrations
APPROVED

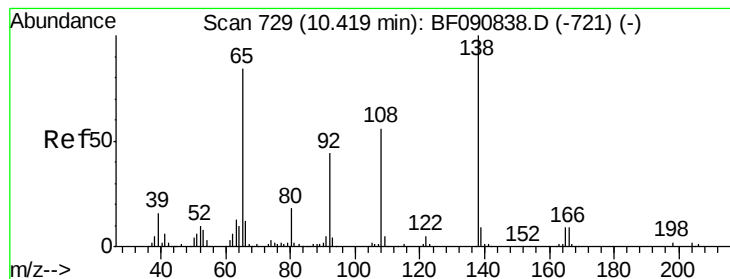
sohil
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#60
4-Chlorophenyl-phenylether
Concen: 5.06 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	51480		
206	33.8		24.8	37.2
141	57.4		42.2	63.4





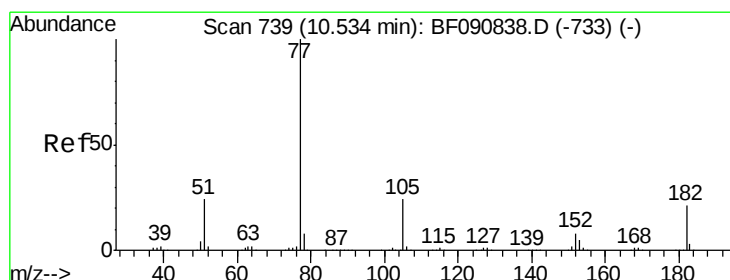
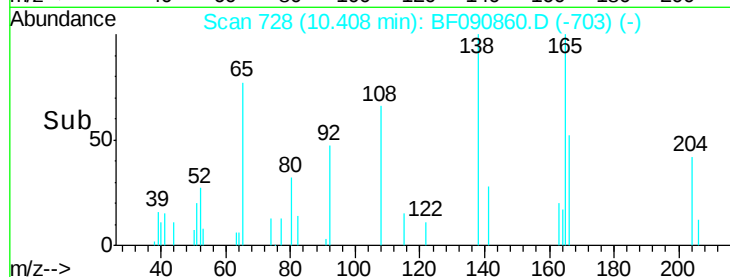
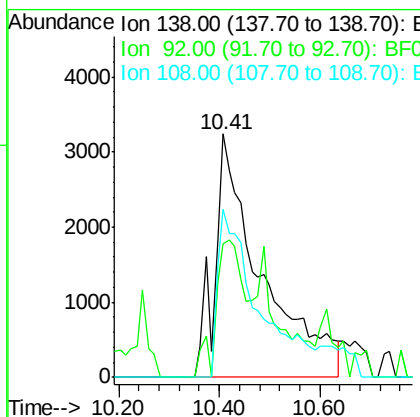
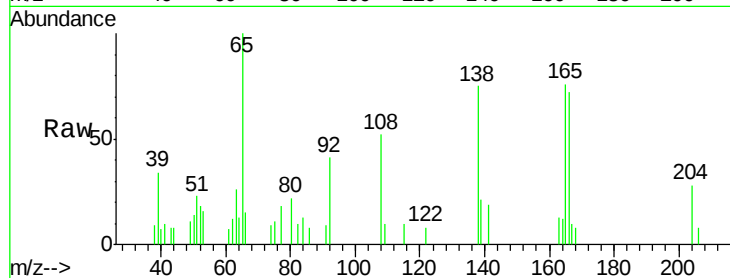
#61
4-Nitroaniline
Concen: 3.88 ng
RT: 10.41 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	54.7	12.6	52.6#
108	69.0	12.4	52.4#

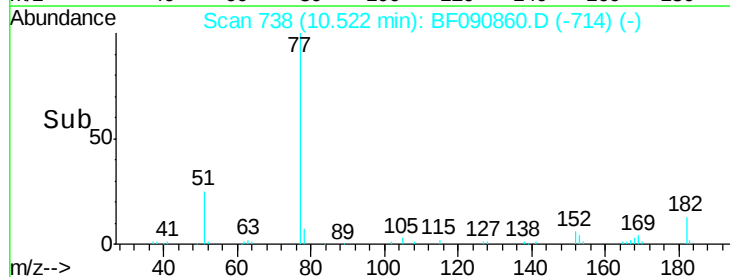
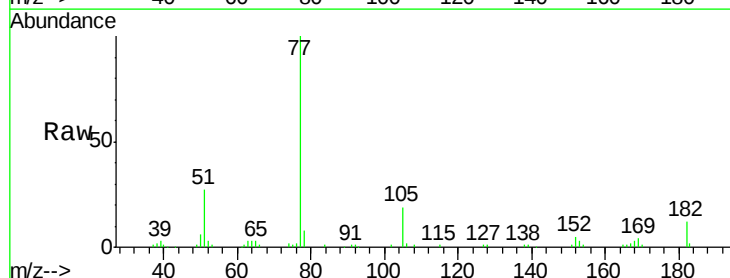
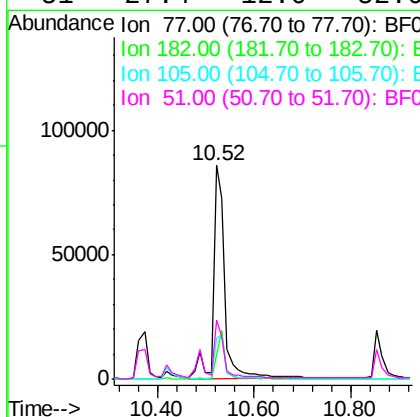
Manual Integrations
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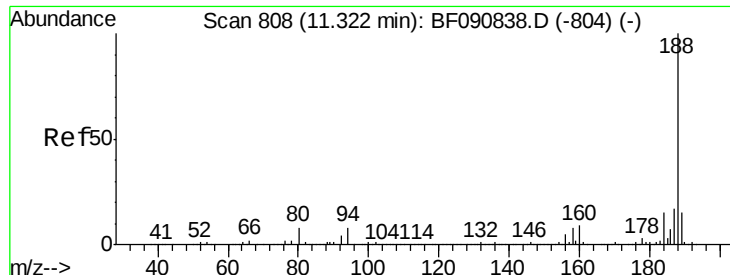
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#62
Azobenzene
Concen: 6.41 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	11.5	15.1	55.1#
105	19.3	3.4	43.4
51	27.4	12.0	52.0





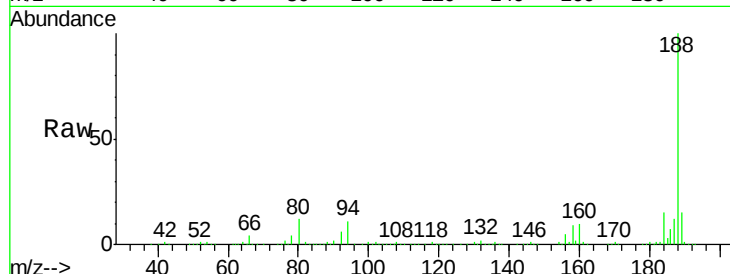
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	11.1	16.7#
80	12.1	11.0	16.4

Manual Integrations
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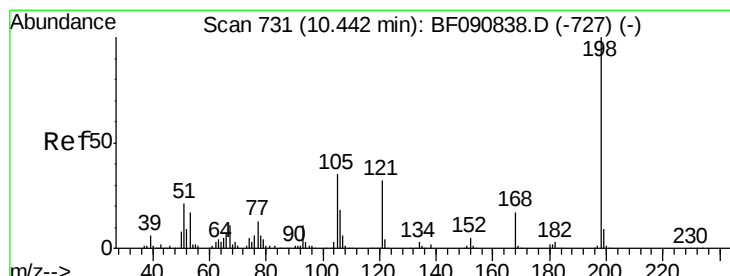
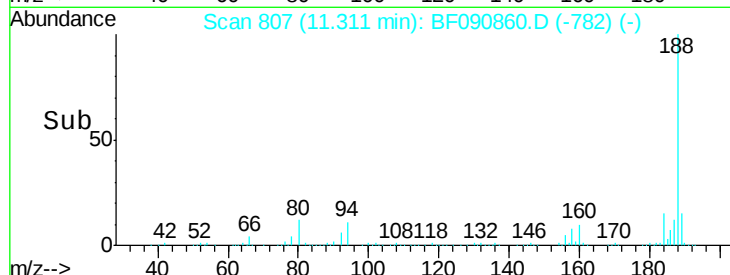
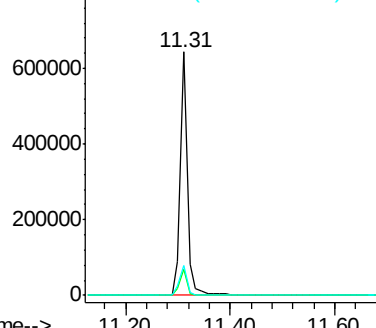
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



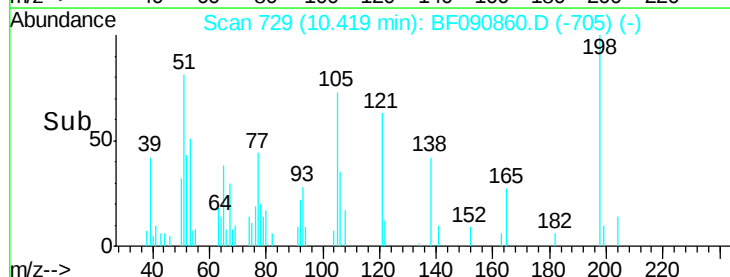
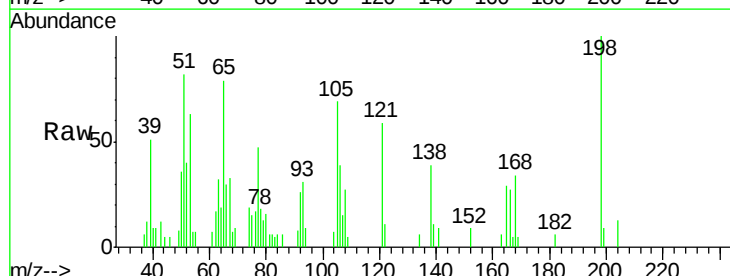
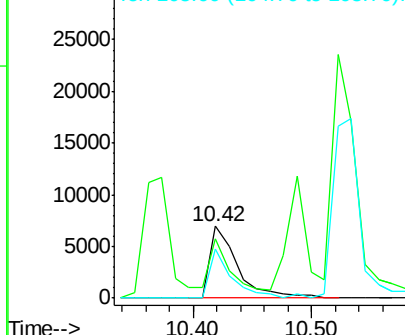
#64
4,6-Dinitro-2-methylphenol
Concen: 2.80 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

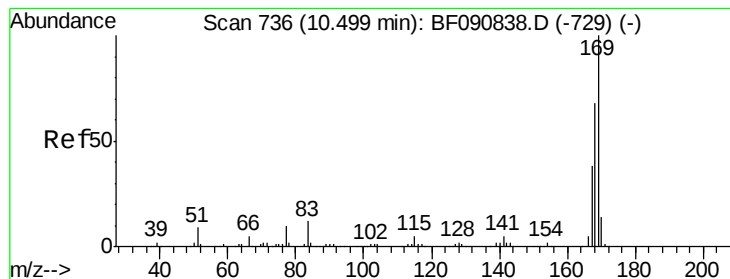
Tgt Ion	Ratio	Lower	Upper
198	100		
51	82.0	39.6	79.6#
105	68.8	28.5	68.5#

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





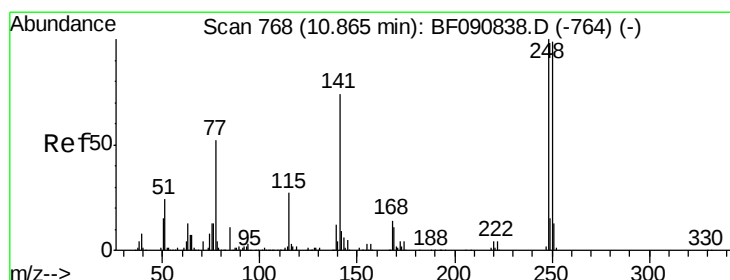
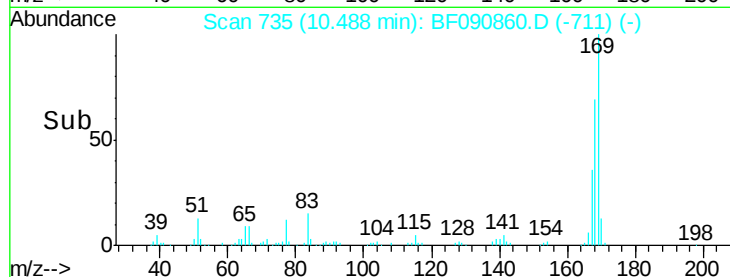
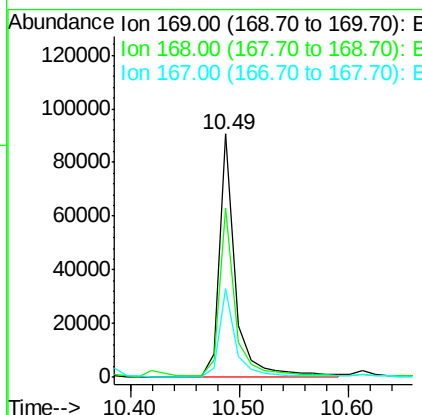
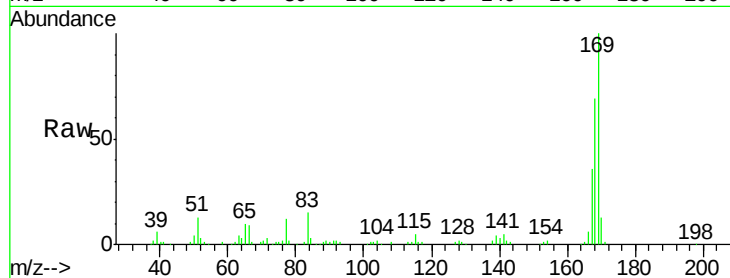
#65
n-Nitrosodiphenylamine
Concen: 5.11 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.3	48.9	73.3
167	36.5	26.2	39.4

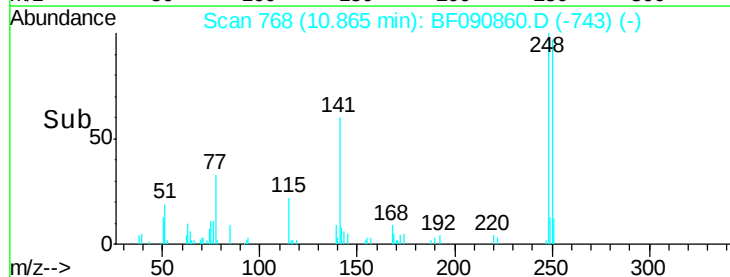
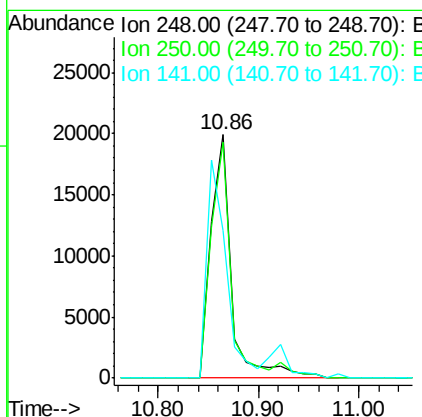
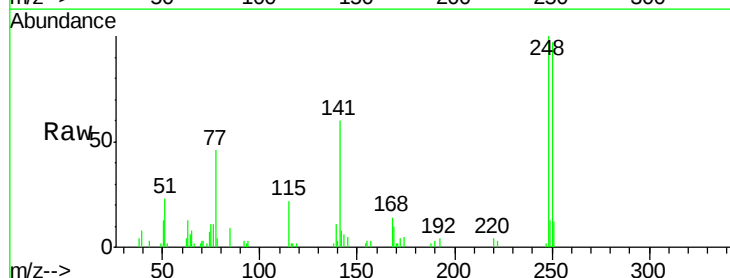
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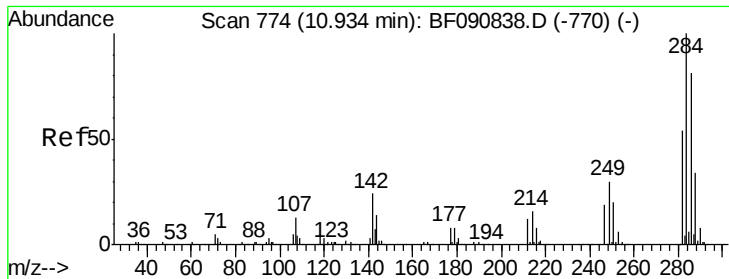
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#66
4-Bromophenyl-phenylether
Concen: 4.30 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	78.5	117.7
141	60.4	59.0	88.6





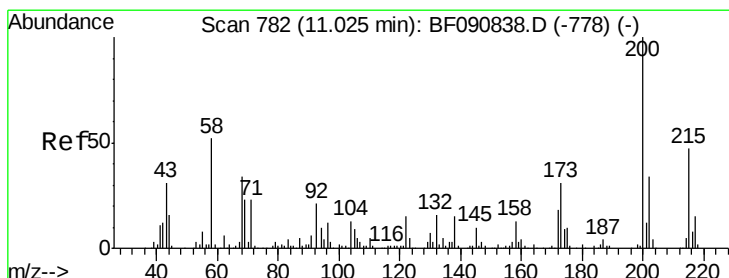
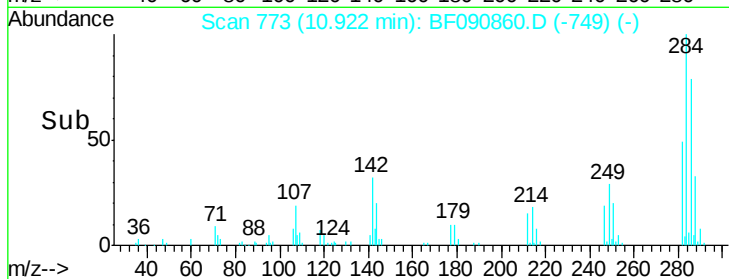
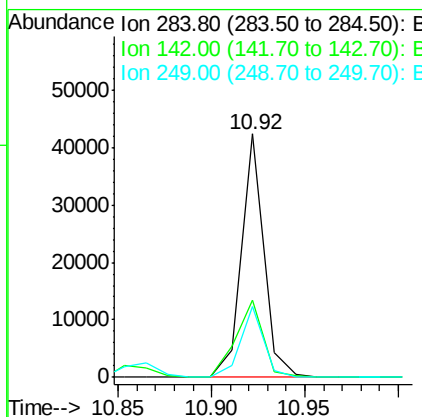
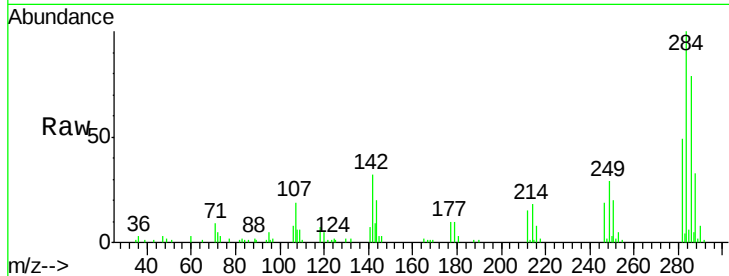
#67
Hexachlorobenzene
Concen: 4.57 ng
RT: 10.92 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	35661		
142	31.7		29.5	44.3
249	29.0		19.5	29.3

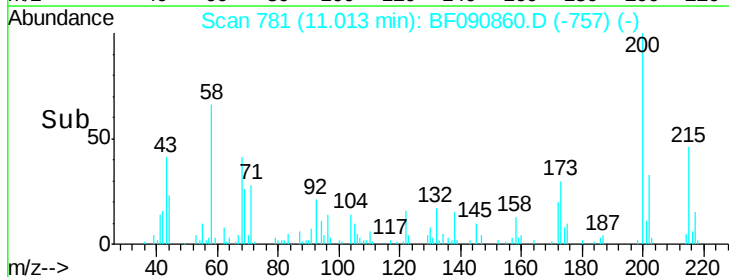
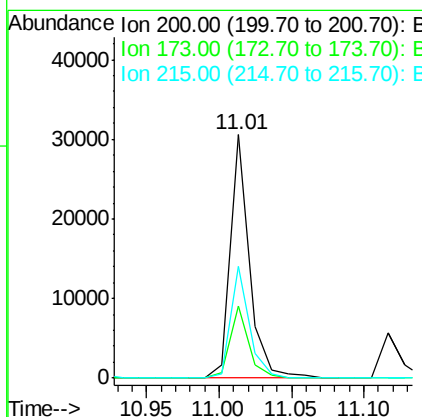
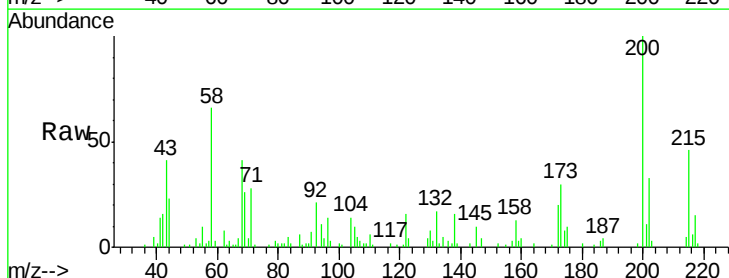
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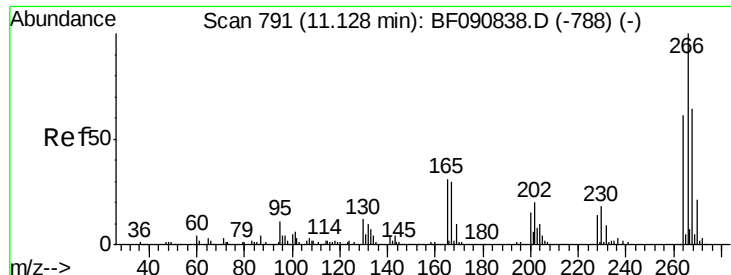
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#68
Atrazine
Concen: 4.89 ng
RT: 11.01 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	27941		
173	29.6		13.2	53.2
215	45.8		41.8	81.8





#69

Pentachlorophenol

Concen: 7.11 ng

RT: 11.12 min Scan# 790

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

Tot Ion:266 Resp: 29771

Ion Ratio Lower Upper

266 100

268 65.4 49.8 74.6

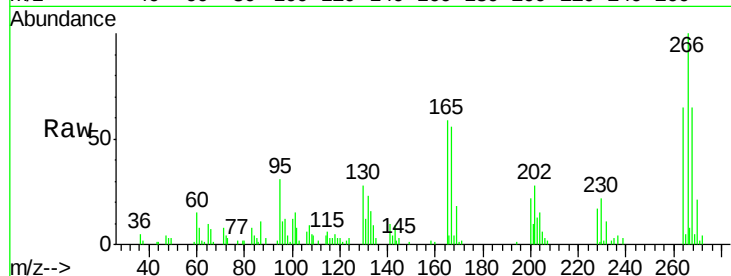
264 65.1 50.2 75.2

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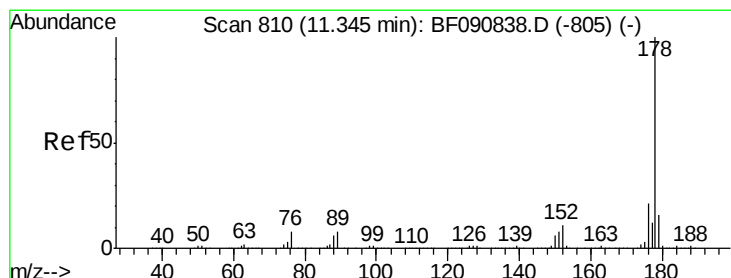
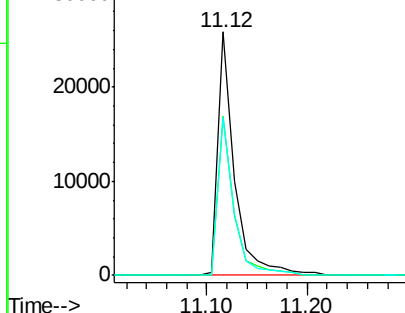
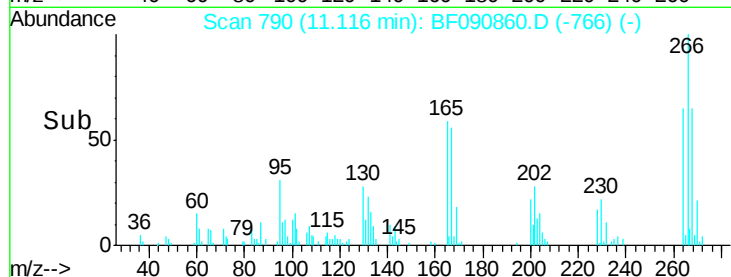
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Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 5.71 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.02 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

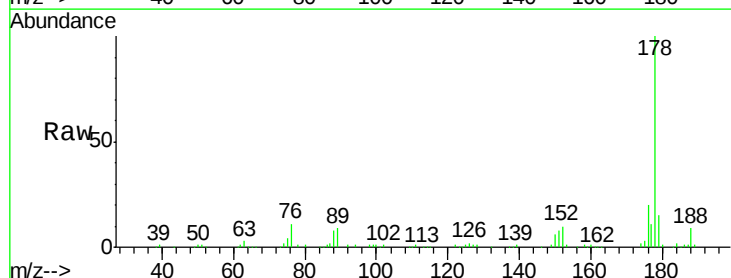
Tgt Ion:178 Resp: 175223

Ion Ratio Lower Upper

178 100

176 19.6 13.8 20.8

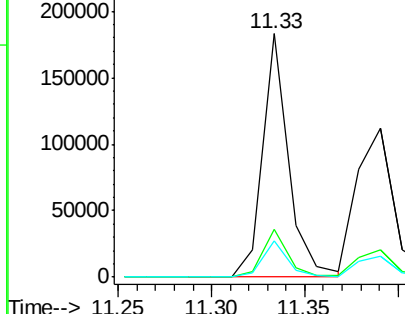
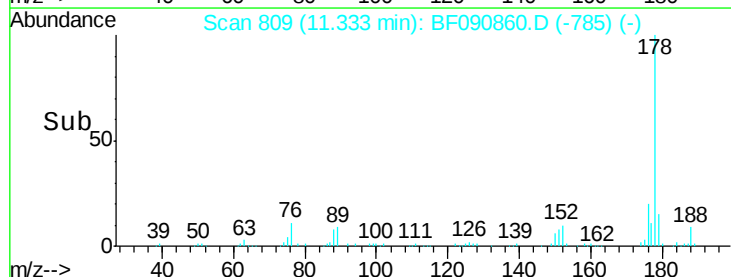
179 15.0 12.2 18.2

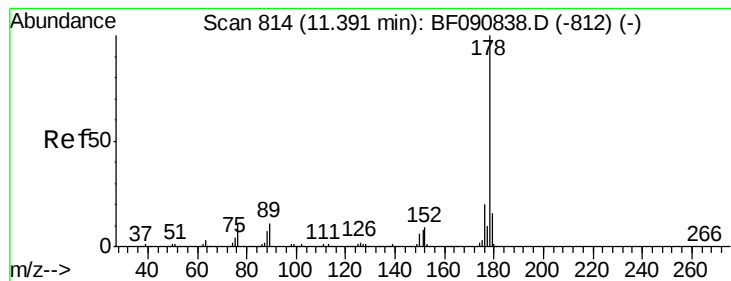


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 5.30 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

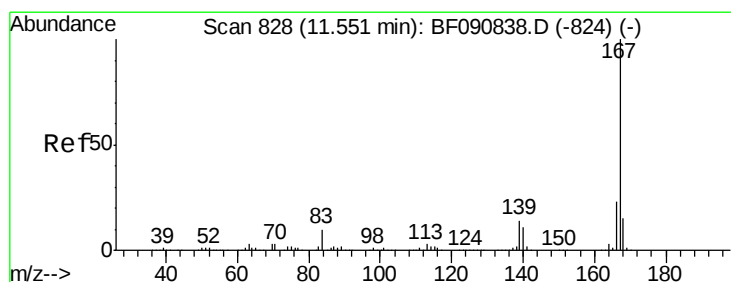
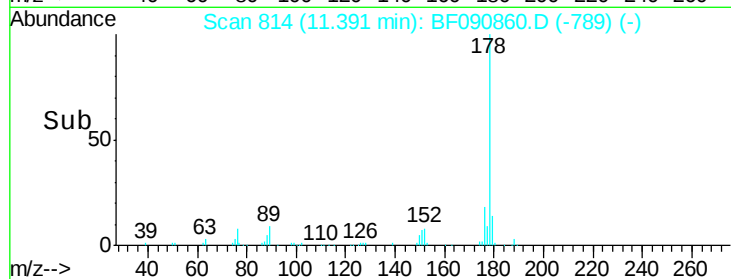
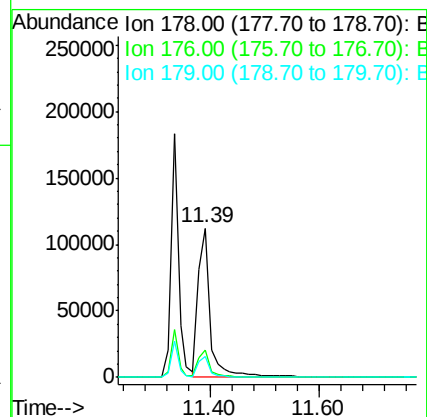
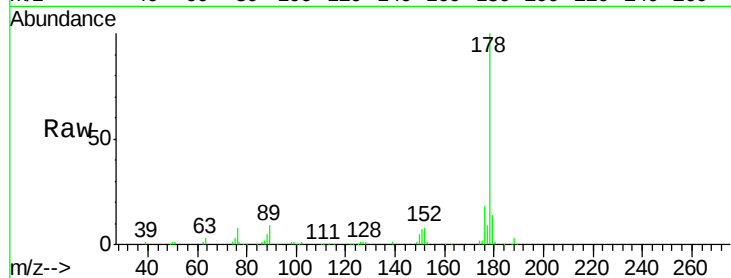
ClientSampled :

PB94264BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.1	21.1
179	14.4	12.2	18.2

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#72

Carbazole

Concen: 5.01 ng

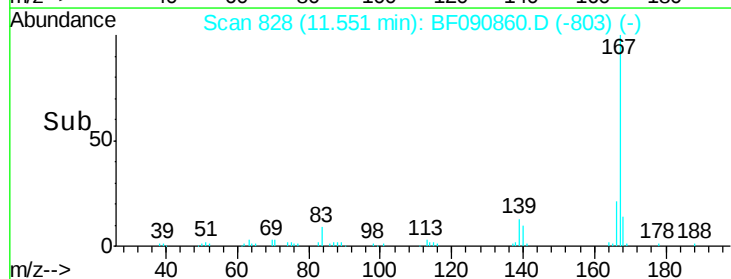
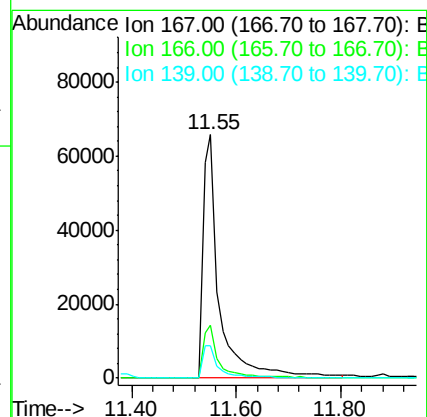
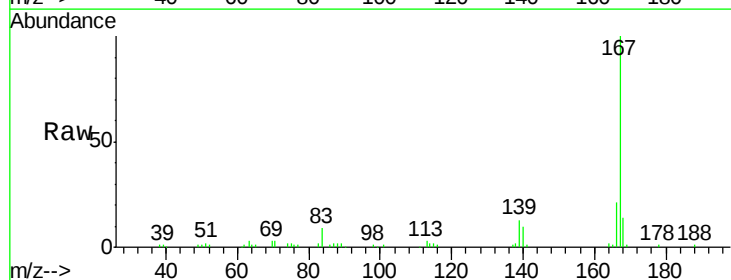
RT: 11.55 min Scan# 828

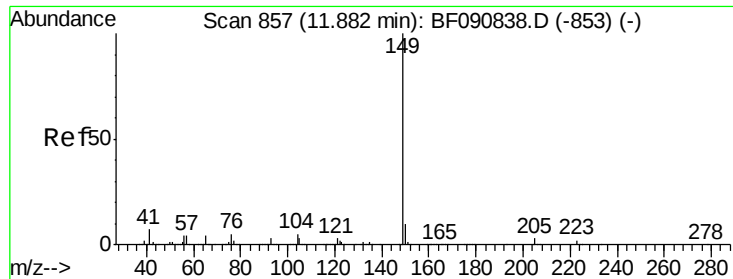
Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	15.7	23.5
139	13.2	9.5	14.3





#73

Di-n-butylphthalate

Concen: 5.71 ng

RT: 11.88 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

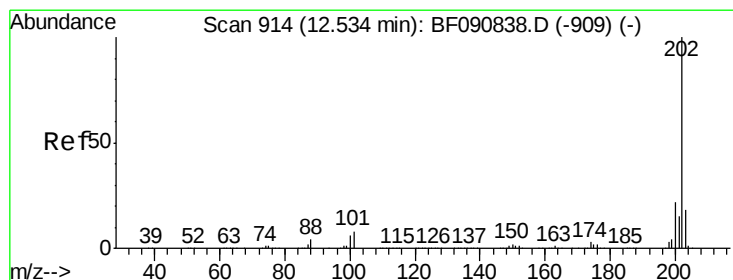
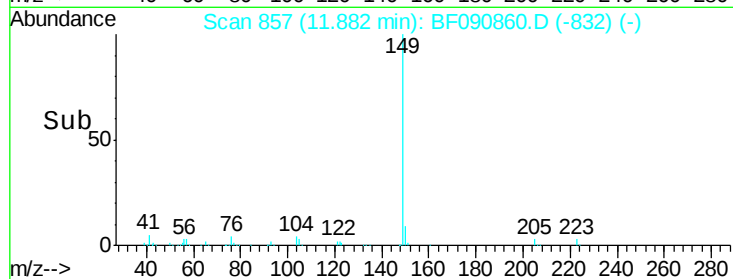
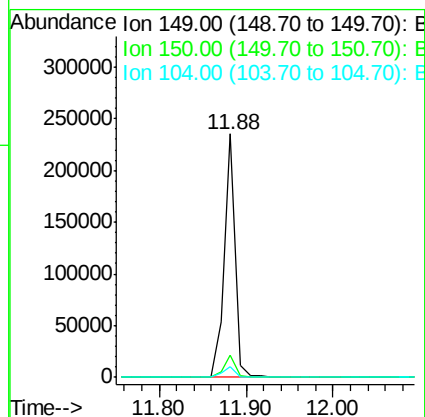
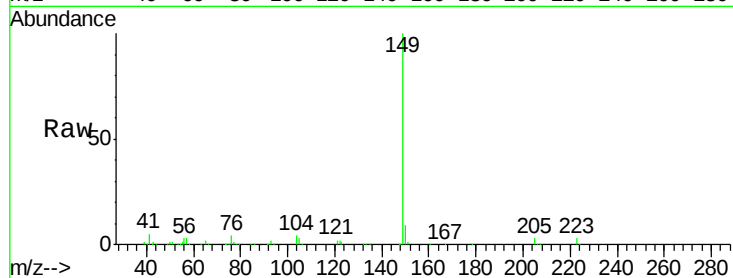
ClientSampleId :

PB94264BS

Tot Ion:	149	Resp:	210046
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.4	11.2
104	4.3	2.4	3.6

Manual Integrations
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#74

Fluoranthene

Concen: 5.27 ng

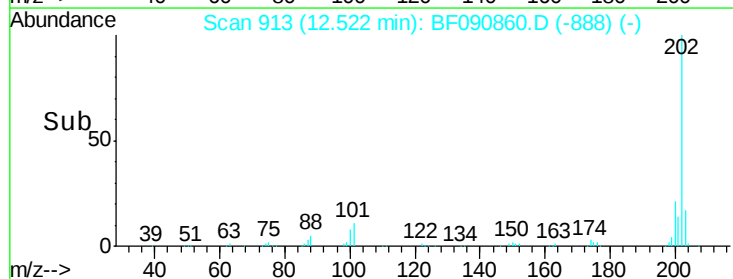
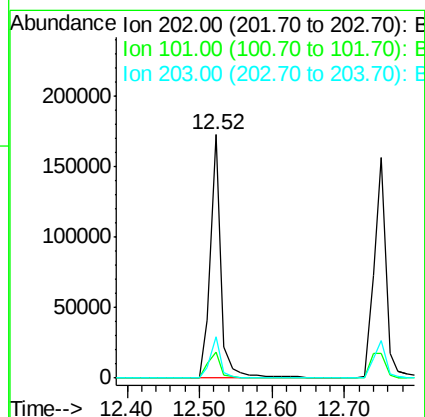
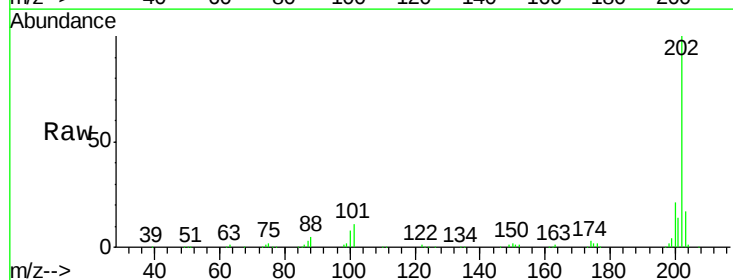
RT: 12.52 min Scan# 913

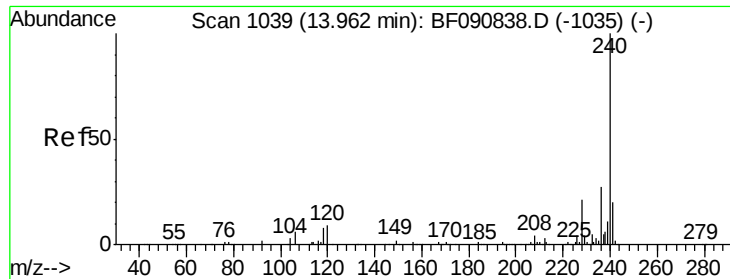
Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Tgt Ion:	202	Resp:	176987
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	38.3
203	17.2	0.0	37.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

ClientSampleId :

PB94264BS

Tot Ion:240 Resp: 514208

Ion Ratio Lower Upper

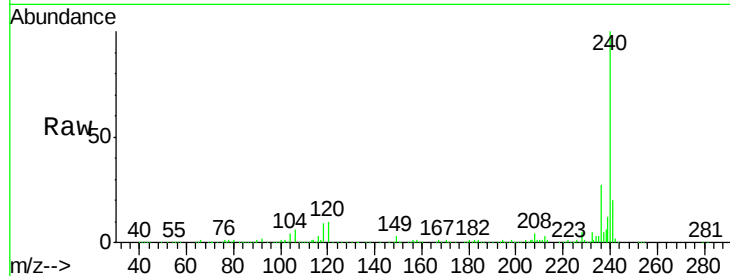
240 100

120 9.7 16.2 24.2#

236 26.6 18.4 27.6

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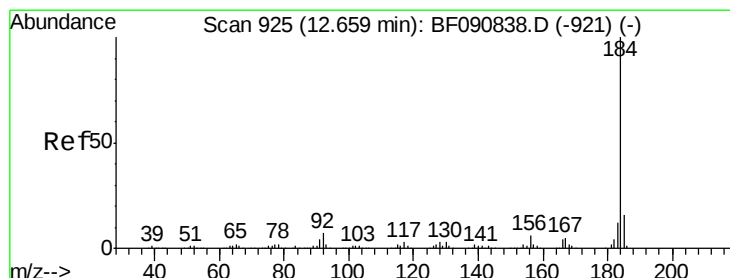
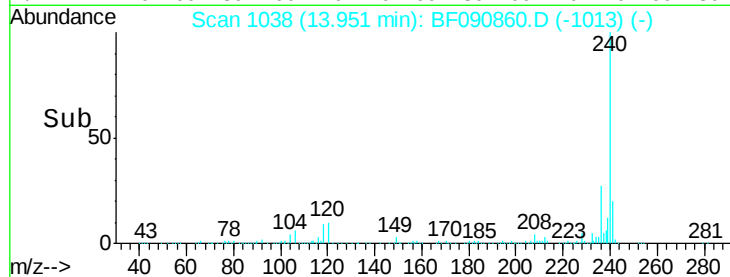
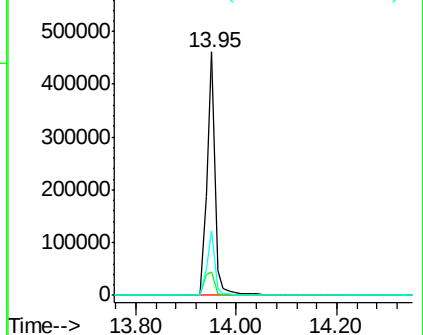
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.92 ng

RT: 12.67 min Scan# 926

Delta R.T. -0.00 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

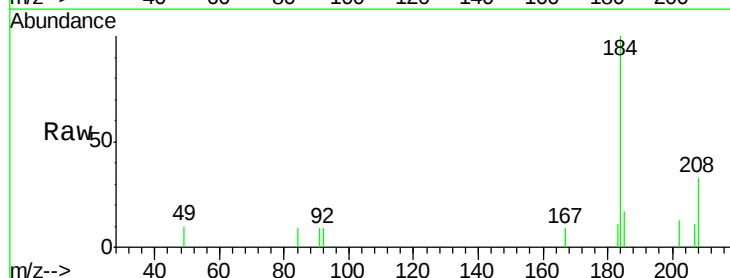
Tgt Ion:184 Resp: 21582

Ion Ratio Lower Upper

184 100

185 16.8 11.8 17.6

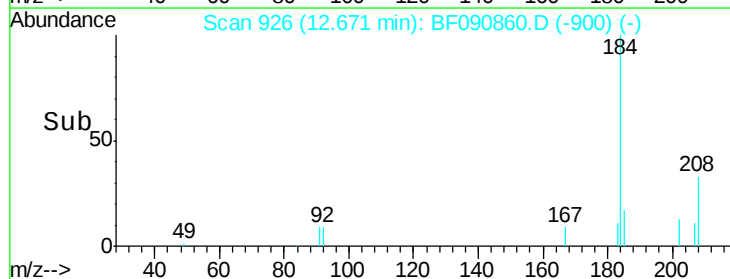
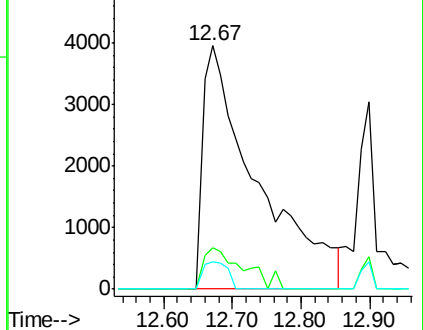
183 11.2 7.6 11.4

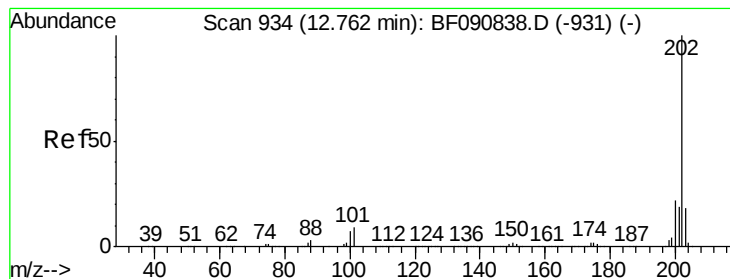


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 5.47 ng

RT: 12.75 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF090860.D

Acq: 27 Oct 2016 00:26

Instrument :

BNA_F

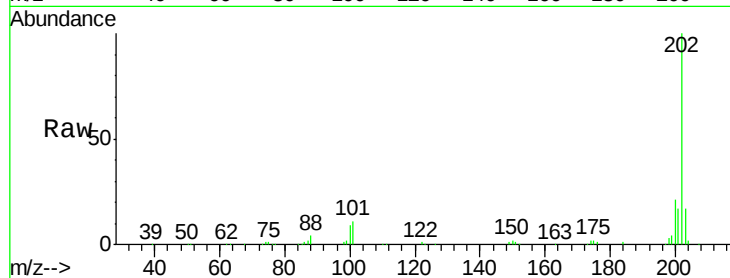
ClientSampleId :

PB94264BS

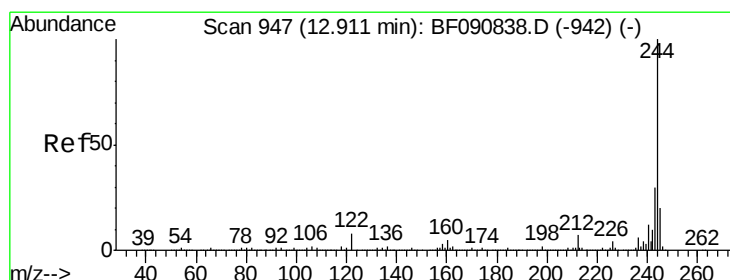
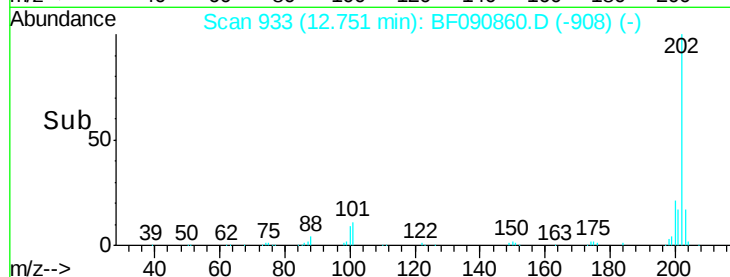
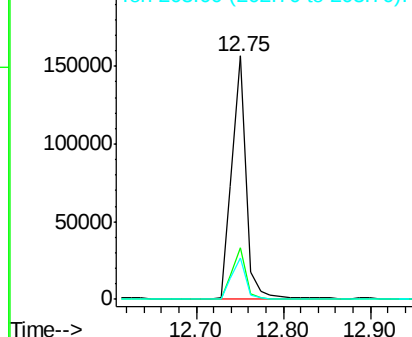
Tot Ion:	202	Resp:	177887
Ion Ratio	Lower	Upper	
202	100		
200	21.1	15.0	22.4
203	16.8	14.1	21.1

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



#78

Terphenyl-d14

Concen: 11.93 ng

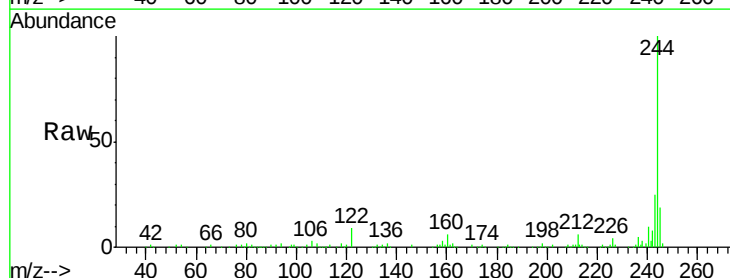
RT: 12.90 min Scan# 946

Delta R.T. -0.02 min

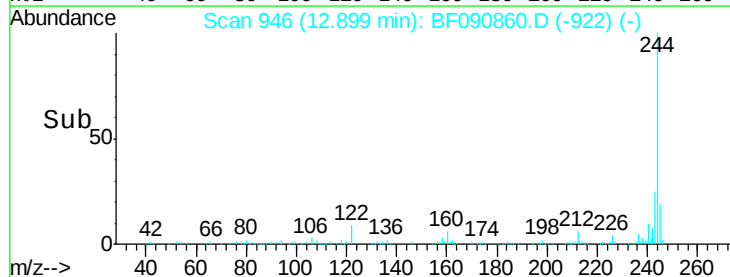
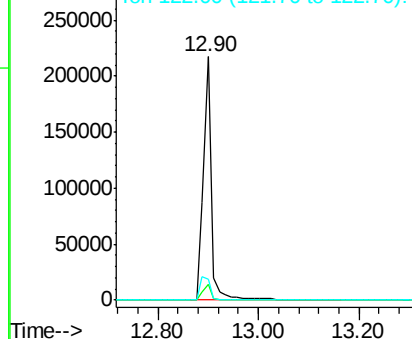
Lab File: BF090860.D

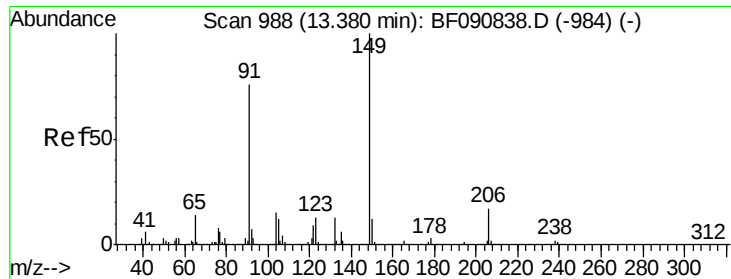
Acq: 27 Oct 2016 00:26

Tgt Ion:	244	Resp:	243408
Ion Ratio	Lower	Upper	
244	100		
212	6.3	4.3	6.5
122	8.7	17.4	26.2#



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





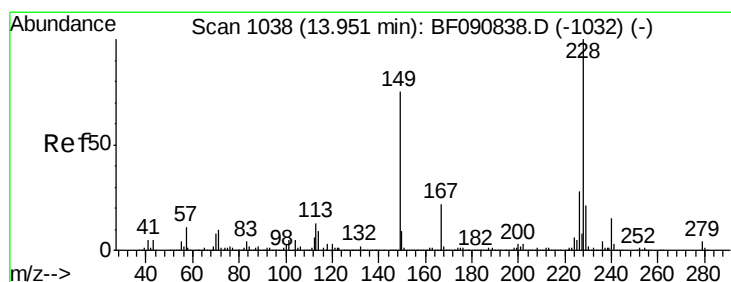
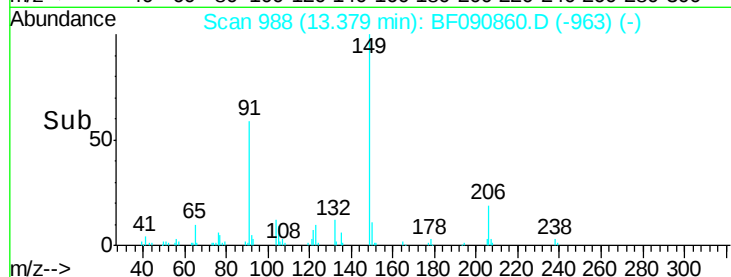
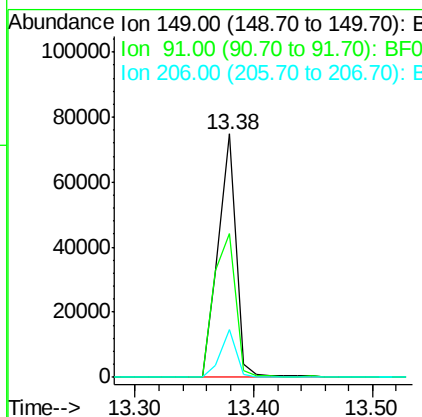
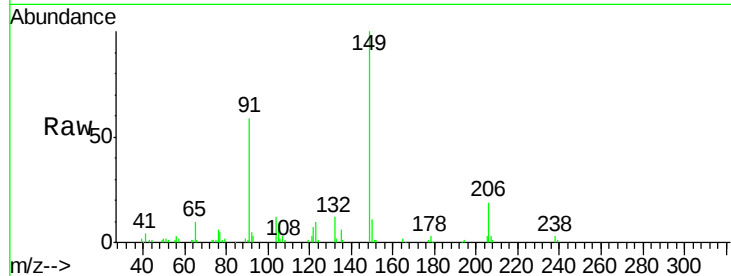
#79
Butylbenzylphthalate
Concen: 5.28 ng
RT: 13.38 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleID :
PB94264BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	59.0	48.6	72.8
206	19.5	14.9	22.3

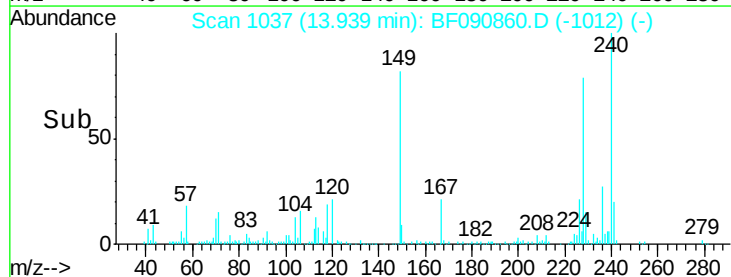
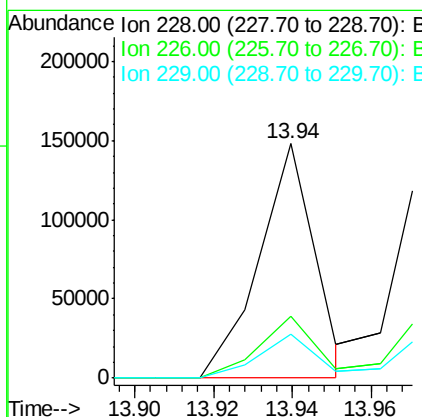
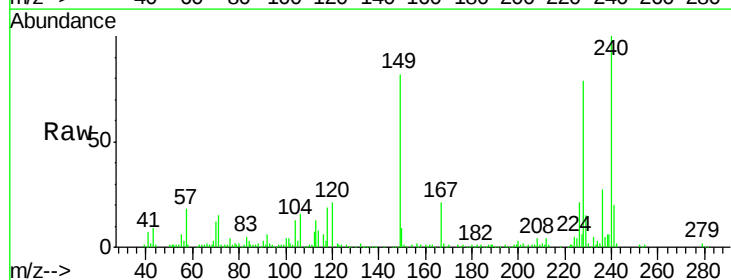
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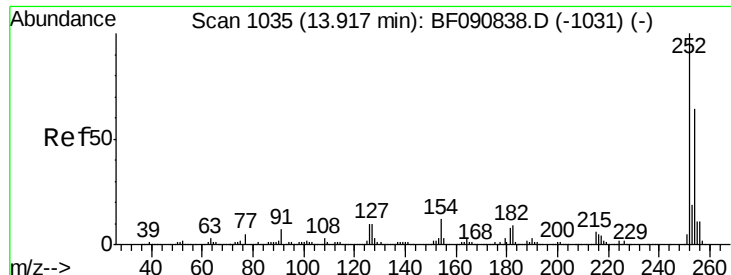
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#80
Benzo(a)anthracene
Concen: 5.35 ng m
RT: 13.94 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	20.0	30.0
229	18.7	15.4	23.2





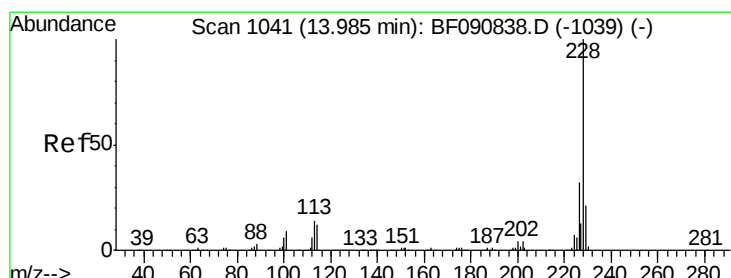
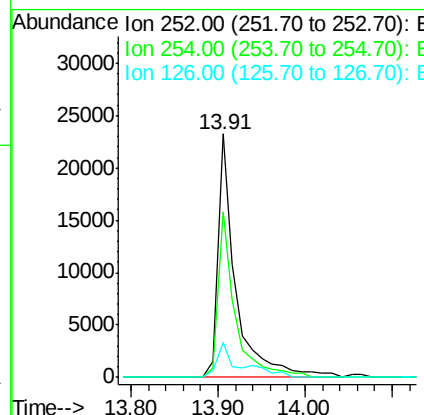
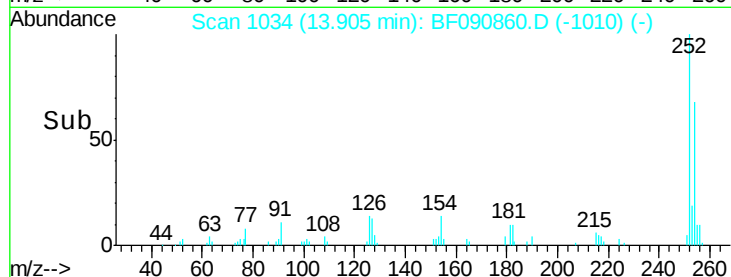
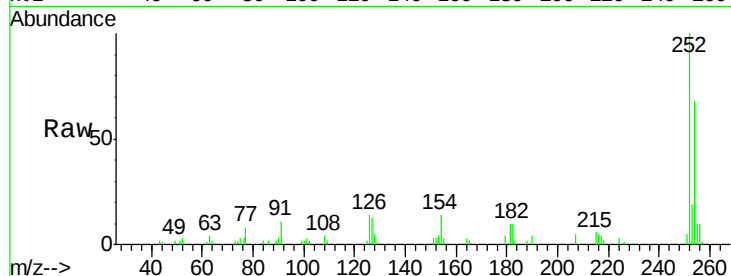
#81
 3,3'-Dichlorobenzidine
 Concen: 3.16 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.9	51.4	77.2
126	14.2	16.4	24.6

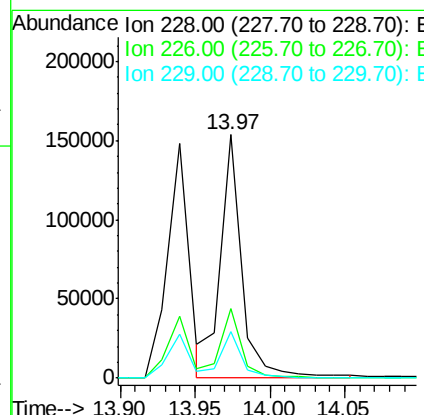
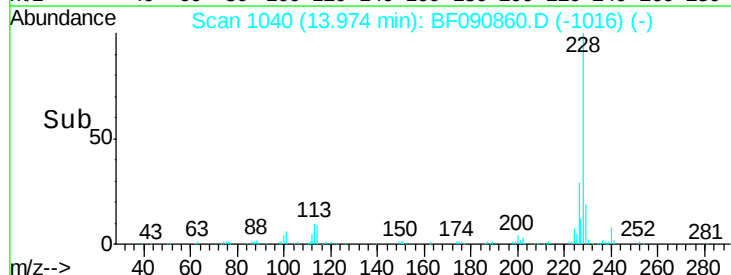
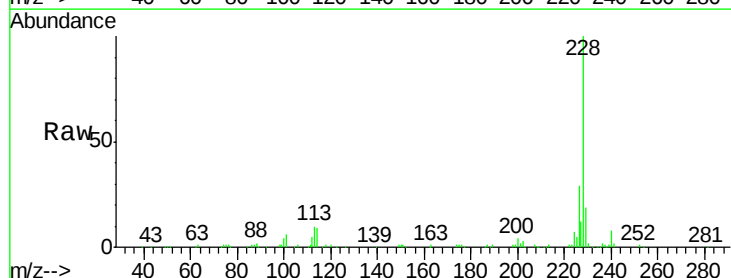
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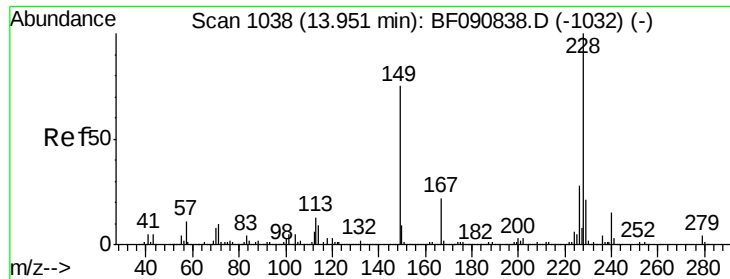
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#82
 Chrysene
 Concen: 5.66 ng m
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.0	31.4
229	19.2	15.6	23.4





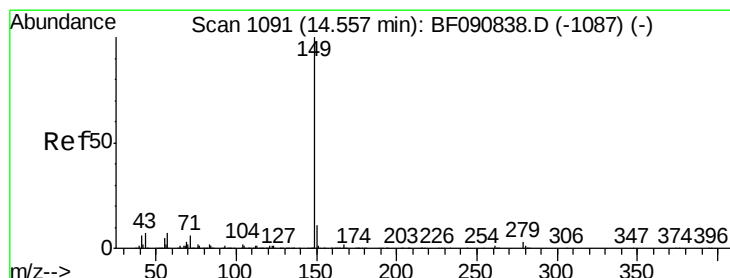
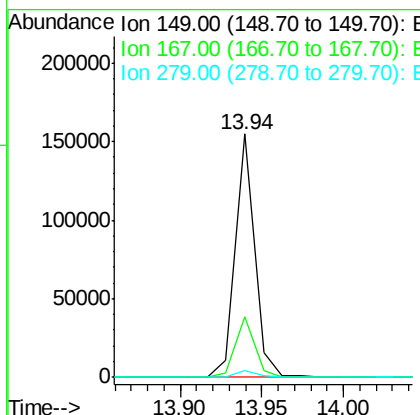
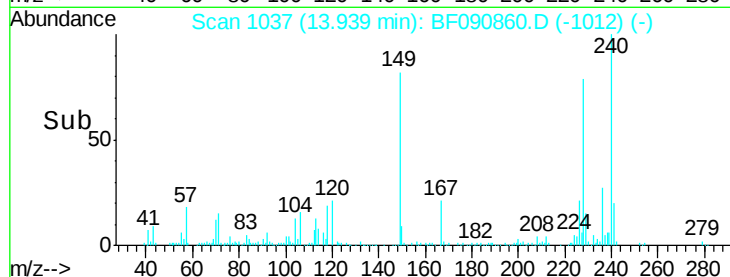
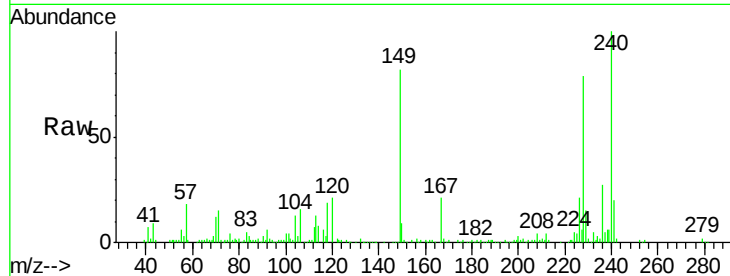
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 6.54 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	125798		
167	24.9		24.2	36.2
279	2.6		3.8	5.6#

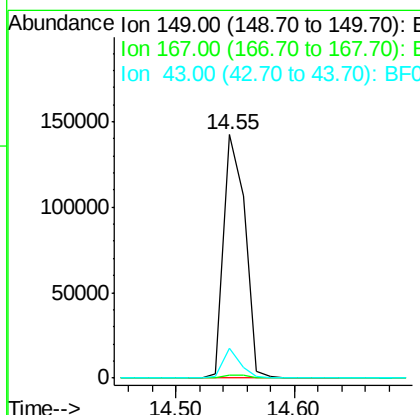
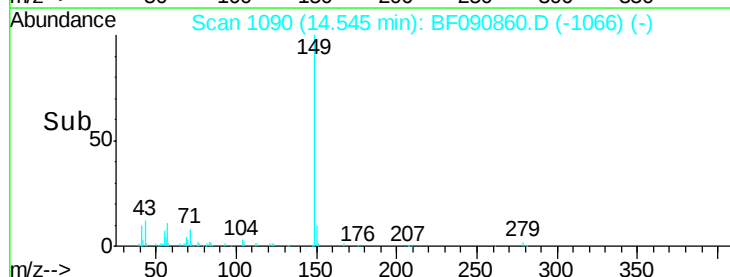
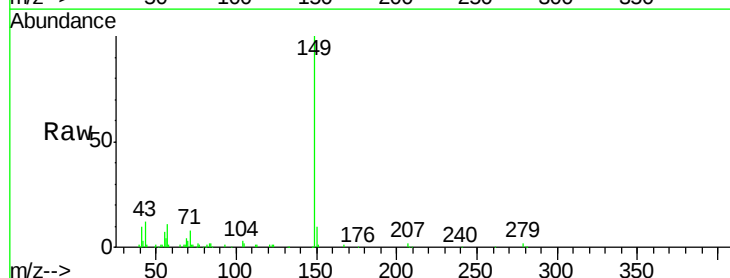
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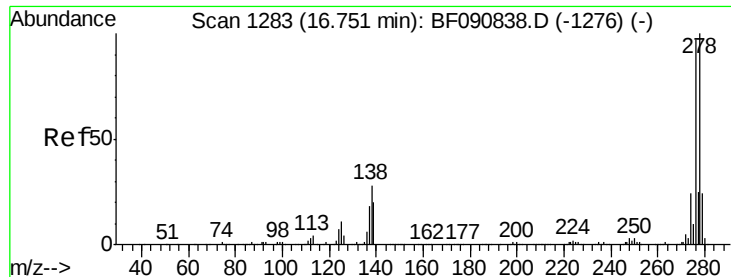
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#84
 Di-n-octyl phthalate
 Concen: 5.48 ng
 RT: 14.55 min Scan# 1090
 Delta R.T. -0.02 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	176861		
167	1.4		1.0	1.6
43	9.8		10.2	15.2#





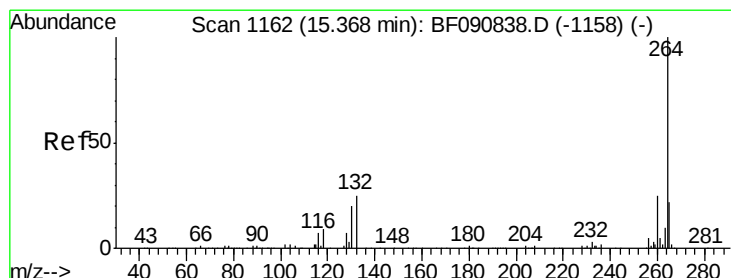
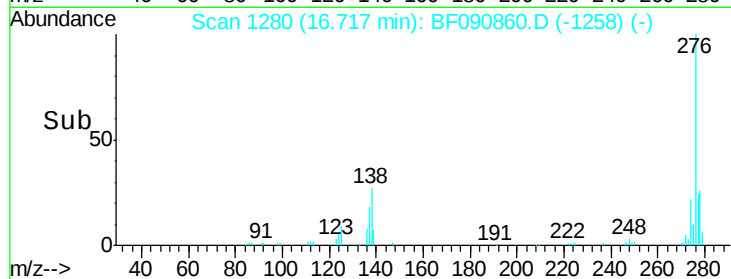
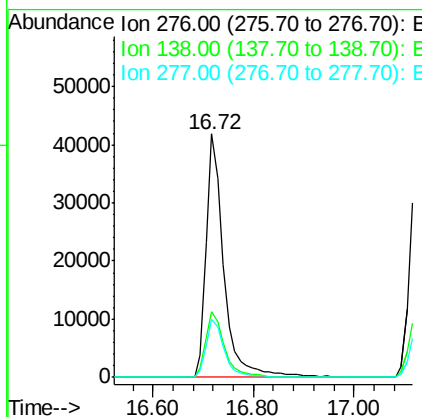
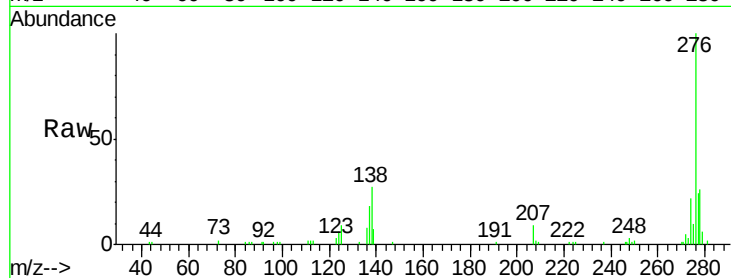
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.19 ng
RT: 16.72 min Scan# 1280
Delta R.T. -0.05 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.8	25.7	38.5
277	24.4	15.6	23.4

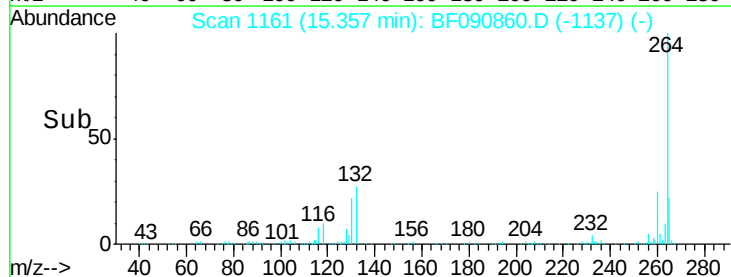
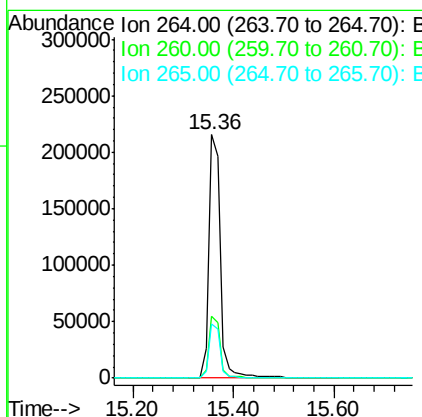
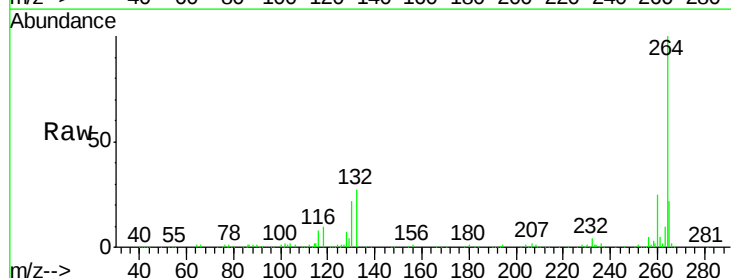
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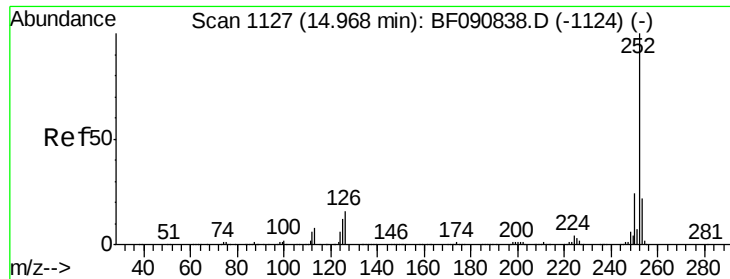
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	16.7	25.1
265	22.3	17.2	25.8





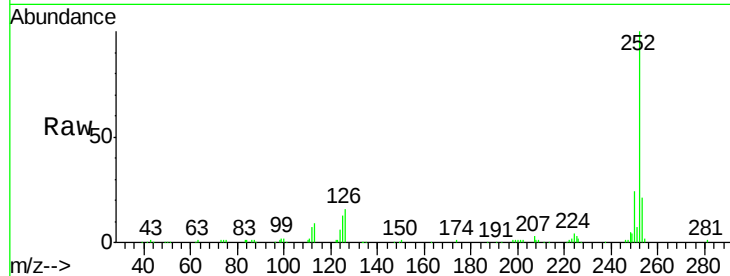
#87
Benzo(b)fluoranthene
Concen: 4.44 ng m
RT: 14.96 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

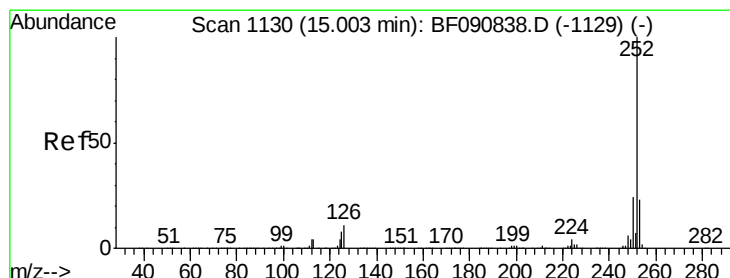
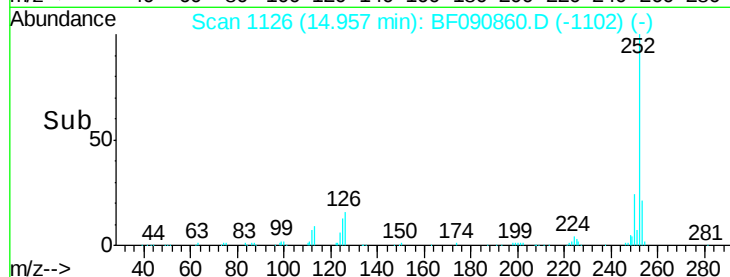
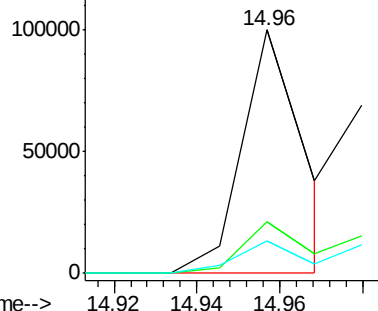
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	13.2	17.1	25.7

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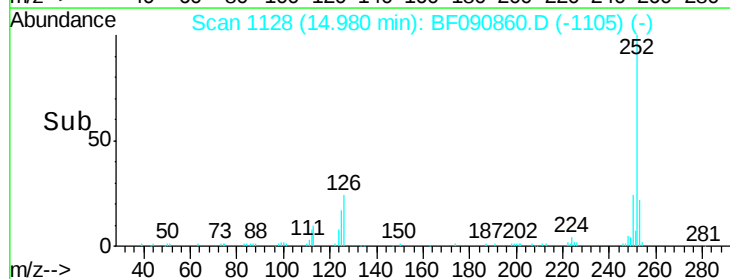
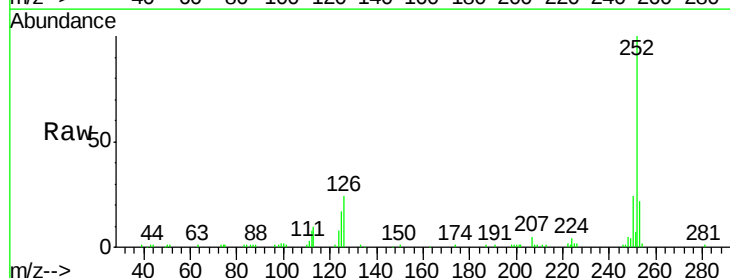
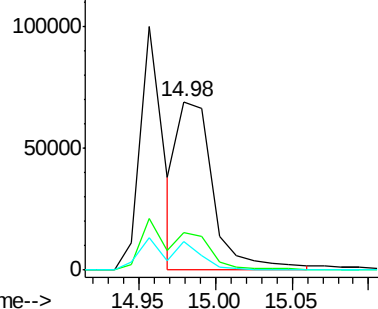
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

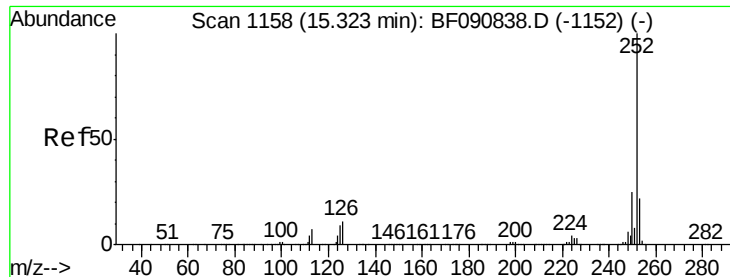


#88
Benzo(k)fluoranthene
Concen: 6.25 ng m
RT: 14.98 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.4
125	16.6	16.0	24.0

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





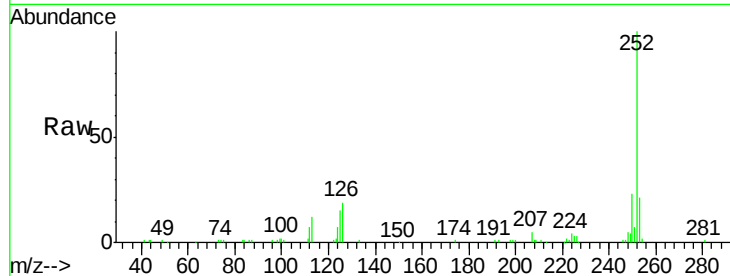
#89
Benzo(a)pyrene
Concen: 5.24 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Instrument :
BNA_F
ClientSampleId :
PB94264BS

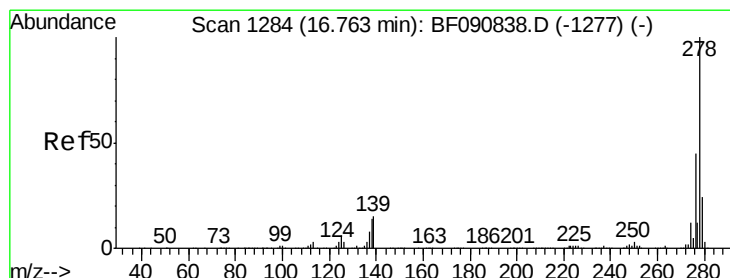
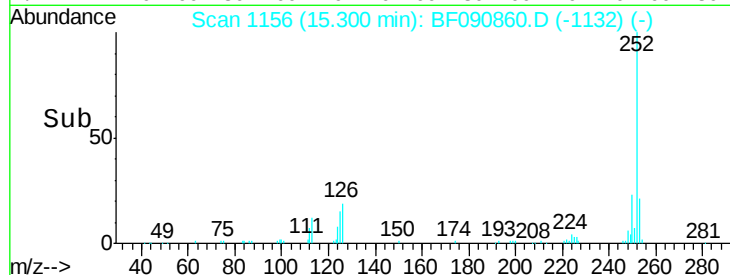
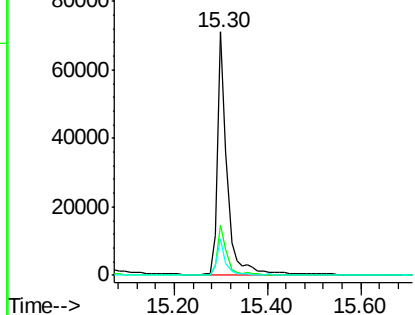
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.2	25.8
125	15.0	18.0	27.0

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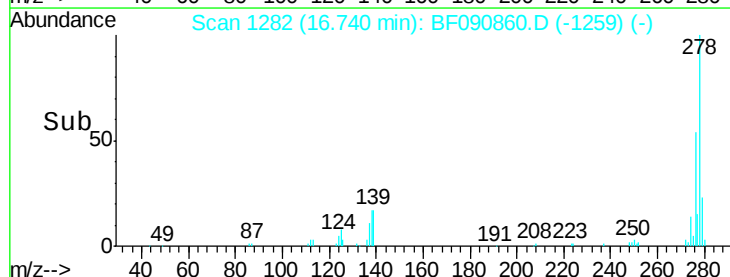
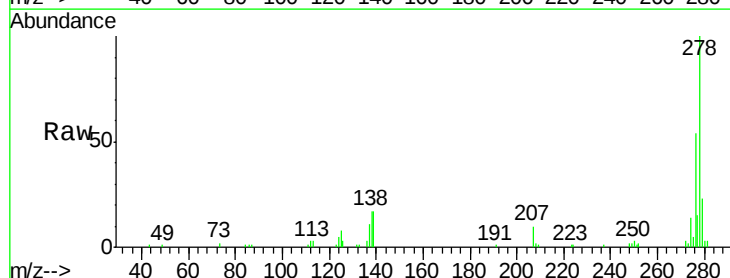
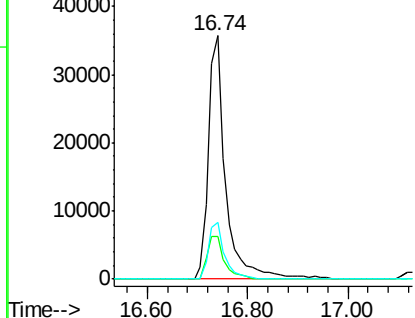
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

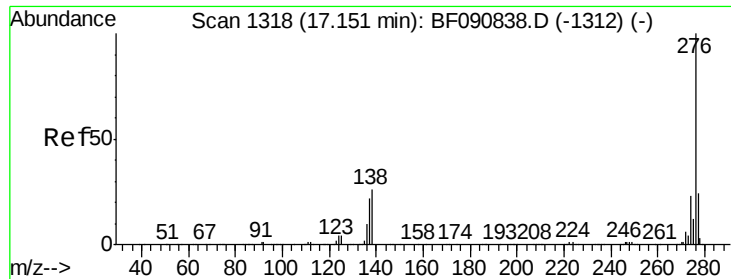


#90
Dibenzo(a,h)anthracene
Concen: 5.09 ng
RT: 16.74 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BF090860.D
Acq: 27 Oct 2016 00:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	26.3	39.5
279	23.4	18.2	27.4

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





#91
 Benzo(a,h,i)perylene
 Concen: 5.14 ng
 RT: 17.13 min Scan# 1316
 Delta R.T. -0.03 min
 Lab File: BF090860.D
 Acq: 27 Oct 2016 00:26

Instrument :
 BNA_F
 ClientSampleId :
 PB94264BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.8	26.6
138	24.2	34.6	51.8#

Manual Integrations
 APPROVED

sohil
 10/27/2016 3:44:57 PM

