

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010716\
 Data File : BF084309.D
 Acq On : 7 Jan 2016 17:01
 Operator : SJ/UM
 Sample : H1028-03MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Manual Integrations
 APPROVED

UMANGI
 1/8/2016 10:42:56 AM

Quant Time: Jan 08 01:06:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	236310	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	963636	20.00	ng	-0.03
38) Acenaphthene-d10	9.92	164	453579	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	805192	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	644022	20.00	ng	-0.03
86) Perylene-d12	15.46	264	518969	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	2179015	149.15	ng	0.00
7) Phenol-d6	6.52	99	2418646	131.81	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1664833	96.15	ng	-0.03
41) 2,4,6-Tribromophenol	10.70	330	586061	127.98	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2597300	102.00	ng	-0.03
78) Terphenyl-d14	12.98	244	2179956	75.56	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	277333	40.07	ng	# 73
3) Pyridine	3.25	79	794935	41.20	ng	# 71
4) n-Nitrosodimethylamine	3.22	42	471618	47.62	ng	# 82
6) Aniline	6.53	93	851263	31.71	ng	# 24
8) 2-Chlorophenol	6.66	128	793012	47.84	ng	# 88
9) Benzaldehyde	6.41	77	232078	19.42	ng	# 89
10) Phenol	6.53	94	933754	44.76	ng	# 77
11) bis(2-Chloroethyl)ether	6.61	93	849326	52.55	ng	# 87
12) 1,3-Dichlorobenzene	6.81	146	776803m	45.43	ng	# 95
13) 1,4-Dichlorobenzene	6.89	146	843935	49.22	ng	# 93
14) 1,2-Dichlorobenzene	7.05	146	741937	45.18	ng	# 91
15) Benzyl Alcohol	7.01	79	739751	47.93	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1312321	44.59	ng	# 93
17) 2-Methylphenol	7.14	107	662954	47.72	ng	# 90
18) Hexachloroethane	7.38	117	321459	46.88	ng	# 80
19) n-Nitroso-di-n-propylamine	7.30	70	603101	48.56	ng	# 50
20) 3+4-Methylphenols	7.29	107	801873	49.11	ng	# 91
22) Acetophenone	7.29	105	1107922	47.81	ng	# 97
24) Nitrobenzene	7.46	77	895581	51.00	ng	# 99
25) Isophorone	7.70	82	1588990	47.98	ng	# 92
26) 2-Nitrophenol	7.78	139	456299	57.09	ng	# 90
27) 2,4-Dimethylphenol	7.82	122	805299	49.78	ng	# 97
28) bis(2-Chloroethoxy)methane	7.92	93	1031039	50.97	ng	# 97
29) 2,4-Dichlorophenol	8.02	162	640928	47.56	ng	# 97
30) 1,2,4-Trichlorobenzene	8.10	180	707807	50.88	ng	# 98
31) Naphthalene	8.18	128	2125952	48.63	ng	# 95
32) Benzoic acid	7.92	122	158603	19.50	ng	# 97
33) 4-Chloroaniline	8.22	127	406483	20.28	ng	# 98
34) Hexachlorobutadiene	8.29	225	387852	48.50	ng	# 93
35) Caprolactam	8.60	113	221271m	48.71	ng	# 95
36) 4-Chloro-3-methylphenol	8.73	107	790635	52.38	ng	# 97
37) 2-Methylnaphthalene	8.86	142	1465533	46.70	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	615707	47.22	ng	# 98
40) Hexachlorocyclopentadiene	9.02	237	701372	89.10	ng	# 98

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 1/8/2016 10:42:56 AM

Quant Time: Jan 08 01:06:29 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	447875	45.91	nq	97
43) 2,4,5-Trichlorophenol	9.20	196	451488	48.28	nq #	86
45) 1,1'-Biphenyl	9.33	154	1638009	45.44	nq	99
46) 2-Chloronaphthalene	9.36	162	1262732	44.59	nq	96
47) 2-Nitroaniline	9.46	65	517862	55.41	nq	93
48) Acenaphthylene	9.78	152	2126028	50.82	nq	97
49) Dimethylphthalate	9.64	163	1754870	54.12	nq #	90
50) 2,6-Dinitrotoluene	9.70	165	325858	45.82	nq #	50
51) Acenaphthene	9.95	154	1557397	55.50	nq	98
52) 3-Nitroaniline	9.87	138	306194	34.75	nq	88
53) 2,4-Dinitrophenol	9.97	184	247965	81.77	nq #	89
54) Dibenzofuran	10.12	168	1917059	53.30	nq	97
55) 4-Nitrophenol	10.04	139	608371	95.10	nq #	79
56) 2,4-Dinitrotoluene	10.10	165	440144	48.90	nq #	81
57) Fluorene	10.46	166	1420366	50.85	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	365479	45.77	nq	94
59) Diethylphthalate	10.34	149	1480219	46.30	nq	99
60) 4-Chlorophenyl-phenylether	10.45	204	658635	57.79	nq	97
61) 4-Nitroaniline	10.49	138	366717	46.68	nq	94
62) Azobenzene	10.61	77	1717866	48.99	nq	91
64) 4,6-Dinitro-2-methylphenol	10.51	198	242072	49.82	nq	95
65) n-Nitrosodiphenylamine	10.58	169	1306441	50.75	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	454147	52.40	nq	97
67) Hexachlorobenzene	11.00	284	429536	44.04	nq #	80
68) Atrazine	11.10	200	418214	49.64	nq	99
69) Pentachlorophenol	11.21	266	440401	87.07	nq	99
70) Phenanthrene	11.42	178	2149509	51.04	nq	97
71) Anthracene	11.47	178	1925669	46.64	nq	97
72) Carbazole	11.63	167	1982832	49.12	nq	98
73) Di-n-butylphthalate	11.96	149	2344138	58.97	nq #	95
74) Fluoranthene	12.60	202	1940879	44.11	nq	99
76) Benzidine	12.73	184	942837	40.83	nq	99
77) Pyrene	12.83	202	1970064	38.98	nq	98
79) Butylbenzylphthalate	13.46	149	1084141	49.57	nq	96
80) Benzo(a)anthracene	14.02	228	1640106	43.37	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	397939	30.15	nq #	96
82) Chrysene	14.05	228	1472838	40.53	nq	97
83) Bis(2-ethylhexyl)phthalate	14.02	149	1315438	47.61	nq #	95
84) Di-n-octyl phthalate	14.63	149	2091461	44.84	nq #	86
85) Indeno(1,2,3-cd)pyrene	16.87	276	1484475	51.54	nq	99
87) Benzo(b)fluoranthene	15.05	252	1482573	43.67	nq #	96
88) Benzo(k)fluoranthene	15.08	252	1529726m	55.10	nq	
89) Benzo(a)pyrene	15.40	252	1416254	49.18	nq	98
90) Dibenzo(a,h)anthracene	16.88	278	1211051	48.88	nq	99
91) Benzo(g,h,i)perylene	17.29	276	1238393	48.26	nq	100

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

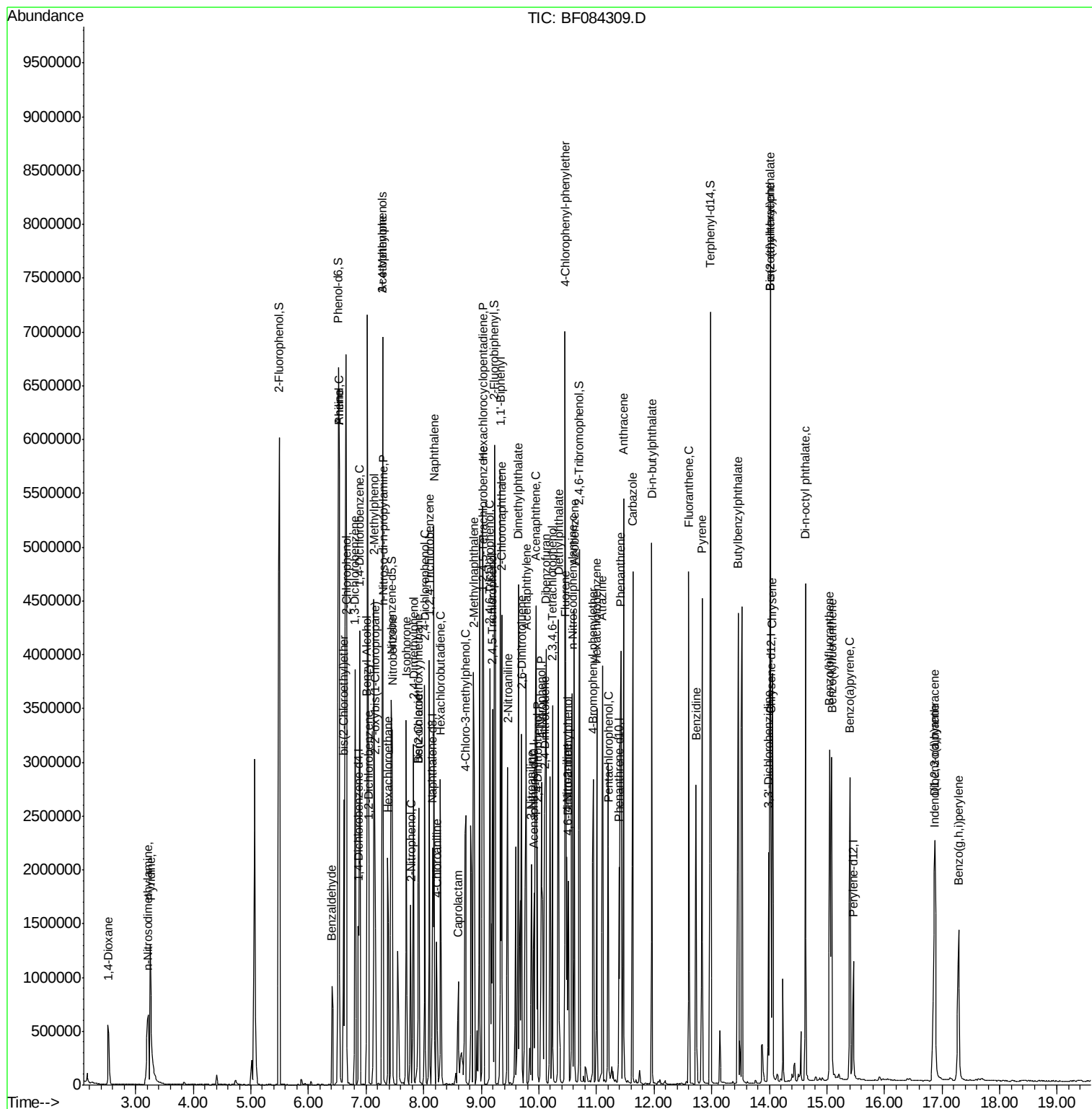
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QLast Update : Mon Jan 04 12:22:40 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

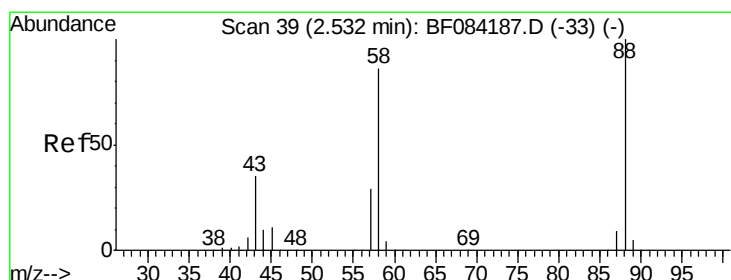
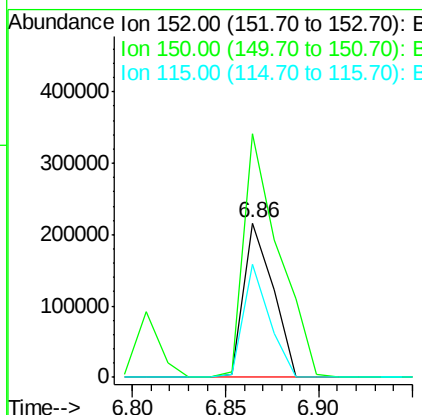
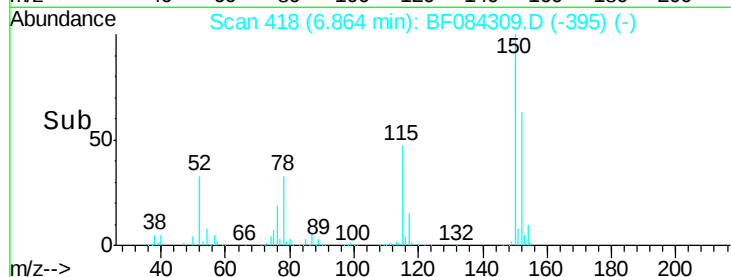
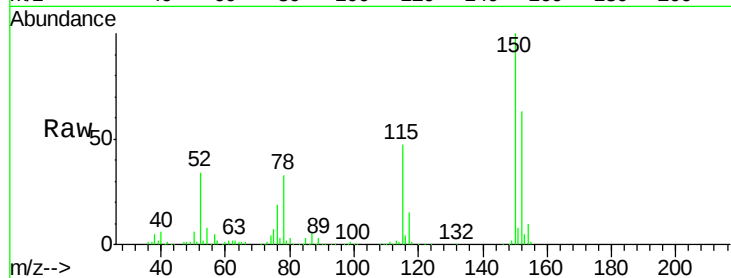
ClientSampleId :

SW002MS

Tot Ion:	152	Resp:	236310
Ion Ratio	Lower	Upper	
152	100		
150	157.5	123.0	184.4
115	73.5	51.4	77.2

Manual Integrations
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1/8/2016 10:42:56 AM



#2

1,4-Dioxane

Concen: 40.07 ng

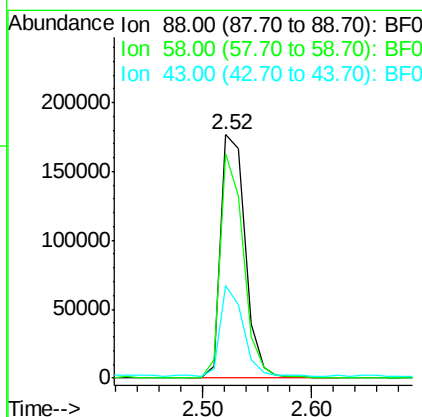
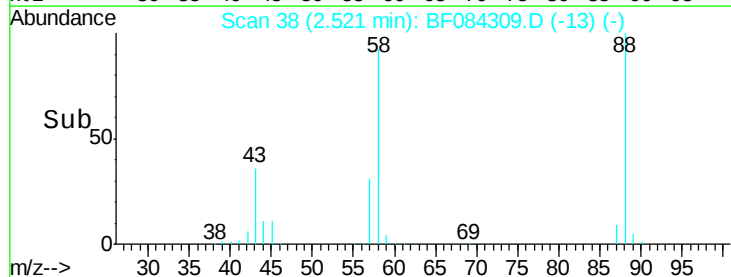
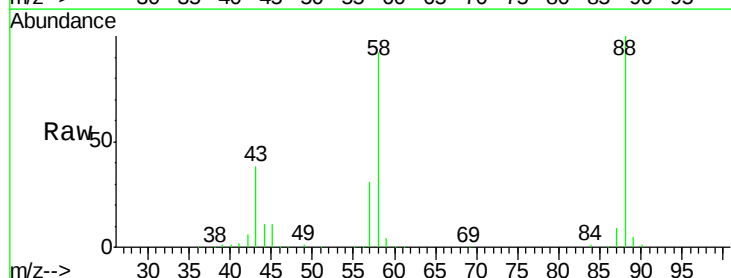
RT: 2.52 min Scan# 38

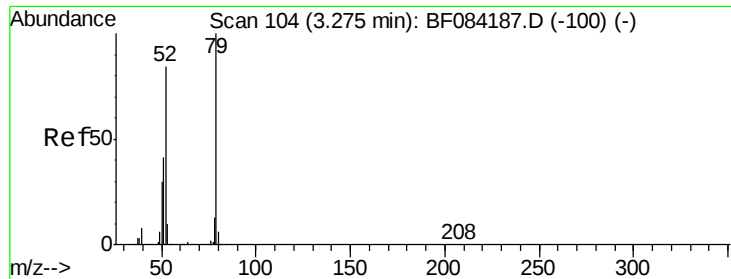
Delta R.T. -0.01 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion:	88	Resp:	277333
Ion Ratio	Lower	Upper	
88	100		
58	86.3	51.2	76.8#
43	35.0	19.5	29.3#





#3

Pvridine

Concen: 41.20 ng

RT: 3.25 min Scan# 102

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

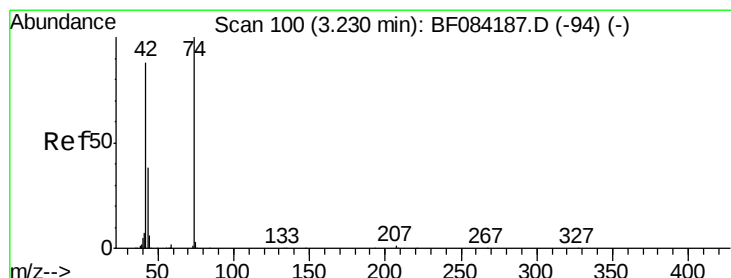
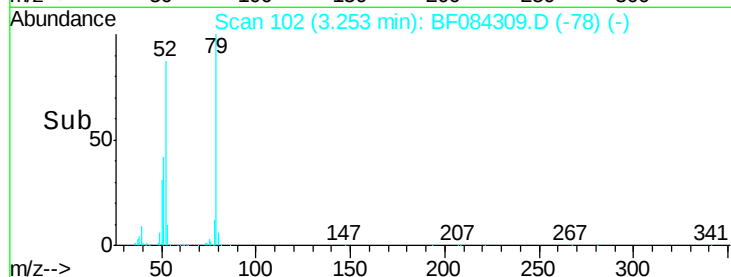
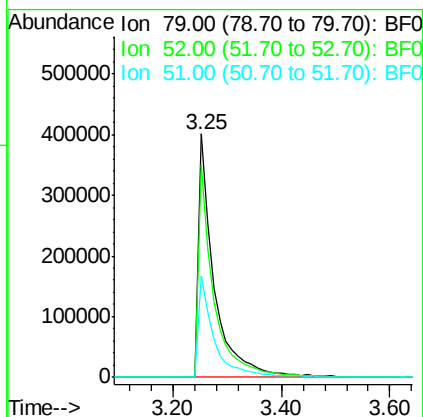
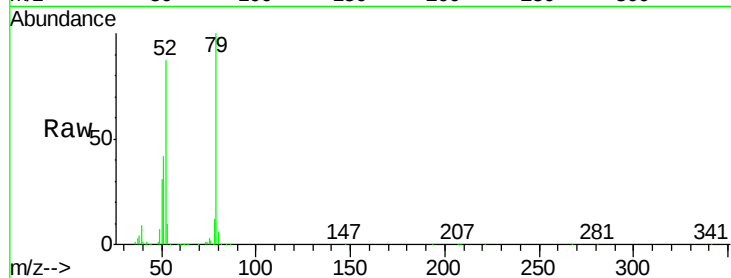
SW002MS

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Tot Ion	Ratio	Lower	Upper
79	100		
52	87.2	49.0	73.4#
51	41.8	25.2	37.8#



#4

n-Nitrosodimethylamine

Concen: 47.62 ng

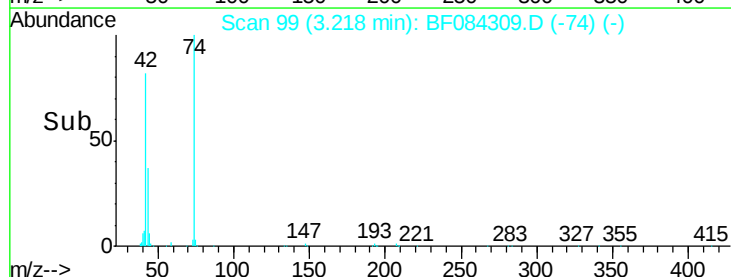
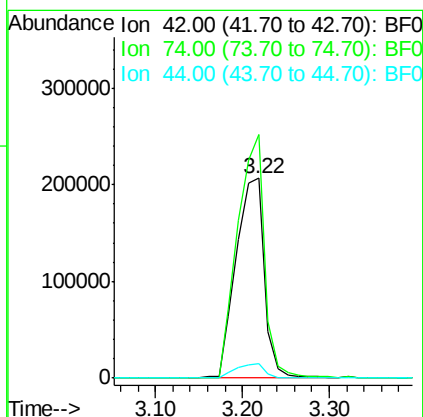
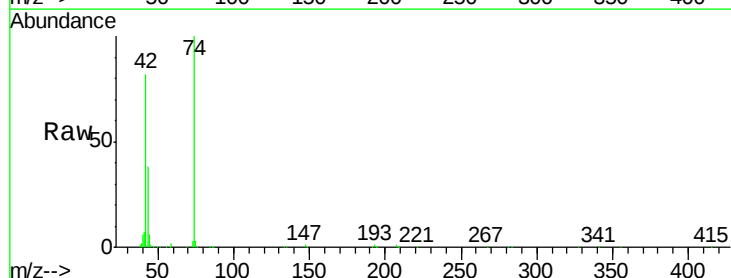
RT: 3.22 min Scan# 99

Delta R.T. -0.01 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.8	115.7	173.5
44	7.5	5.1	7.7





#5

2-Fluorophenol

Concen: 149.15 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

Tot Ion: 112 Resp: 2179015

Ion Ratio Lower Upper

112 100

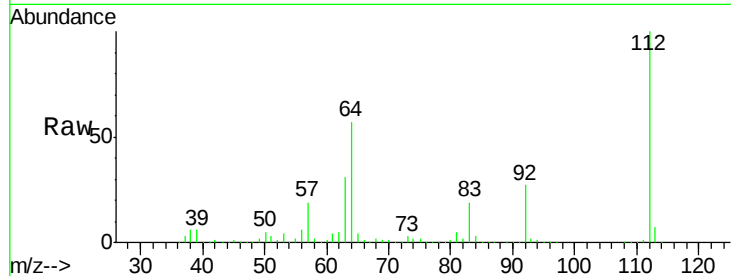
64 57.3 36.6 55.0#

63 30.5 19.4 29.0#

Manual Integrations
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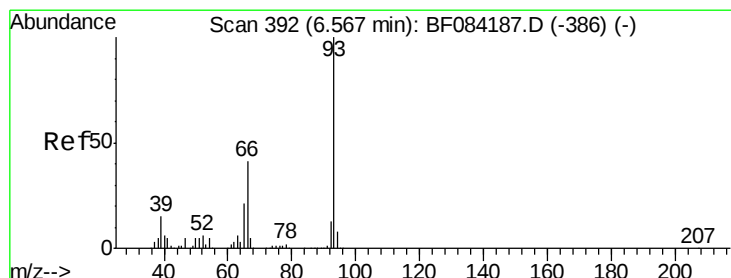
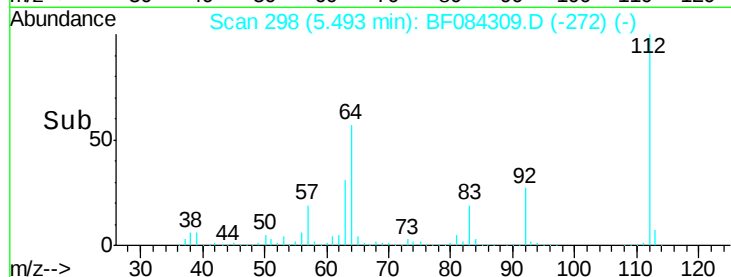
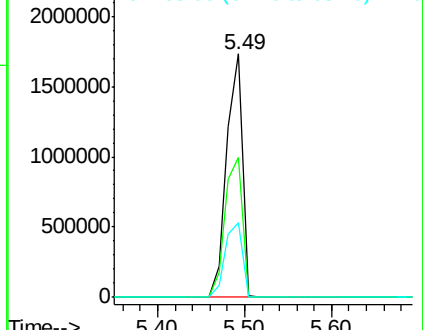
1/8/2016 10:42:56 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 31.71 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

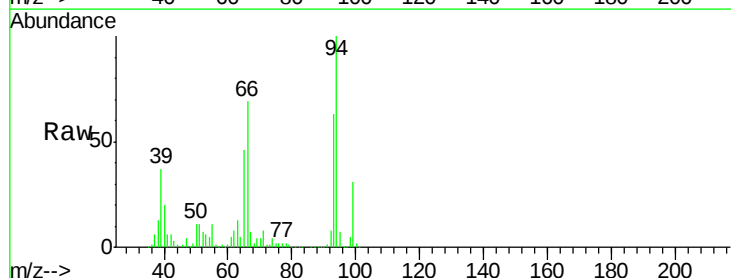
Tgt Ion: 93 Resp: 851263

Ion Ratio Lower Upper

93 100

66 110.1 44.9 67.3#

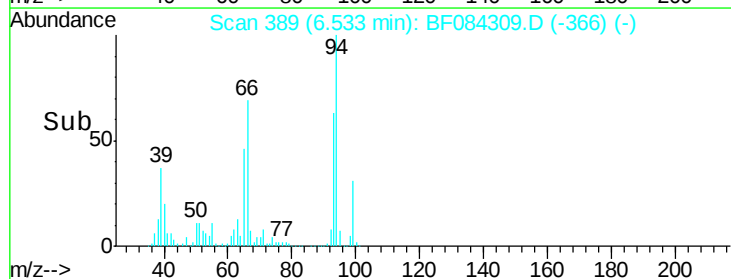
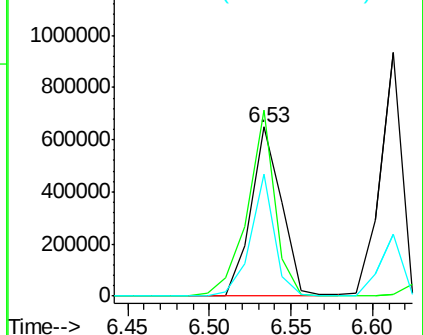
65 72.2 23.7 35.5#

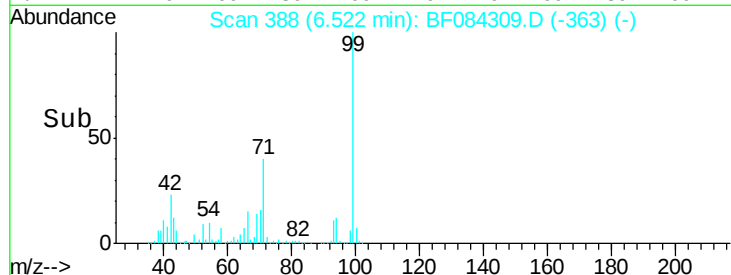
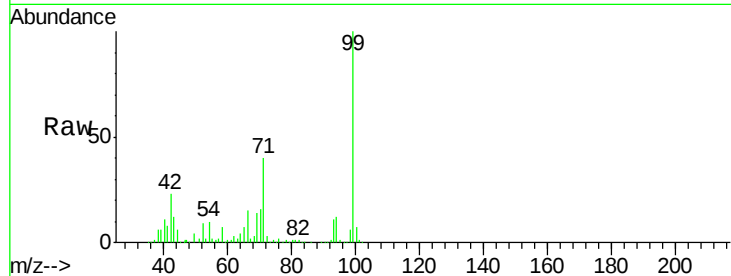


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 131.81 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tot Ion: 99 Resp: 2418646

Ion Ratio Lower Upper

99 100

42 22.8 12.8 19.2#

71 40.1 30.9 46.3

Instrument :

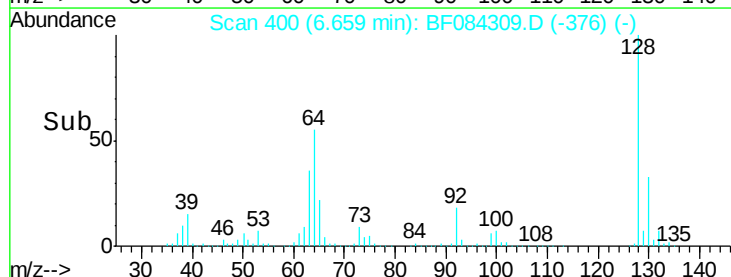
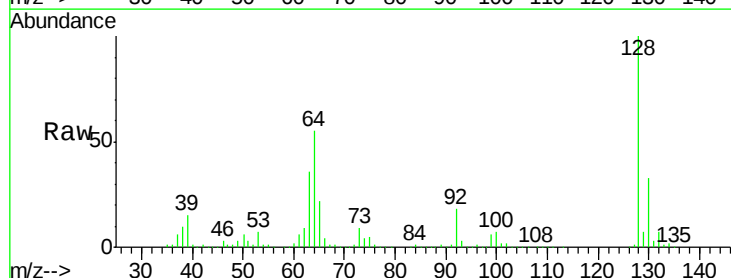
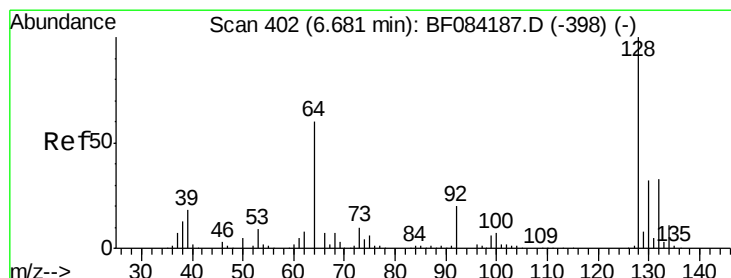
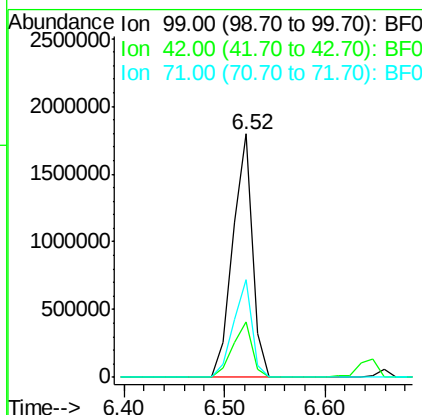
BNA_F

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#8

2-Chlorophenol

Concen: 47.84 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

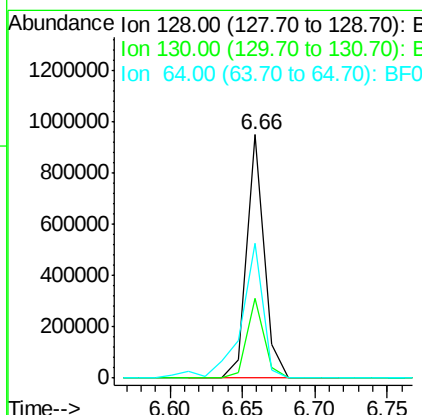
Tgt Ion:128 Resp: 793012

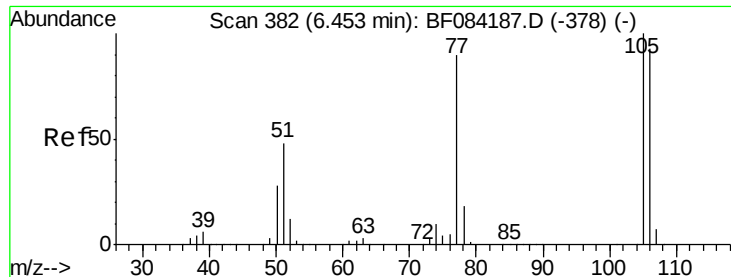
Ion Ratio Lower Upper

128 100

130 33.0 11.6 51.6

64 55.4 23.8 63.8





#9

Benzaldehyde

Concen: 19.42 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.04 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

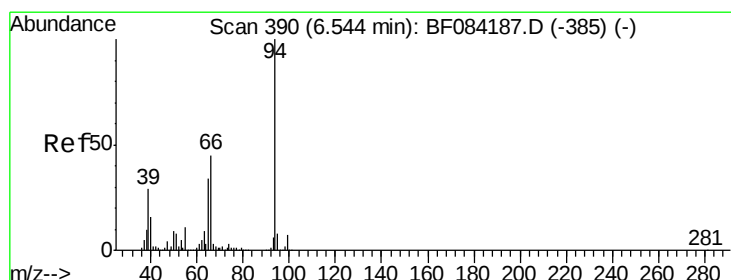
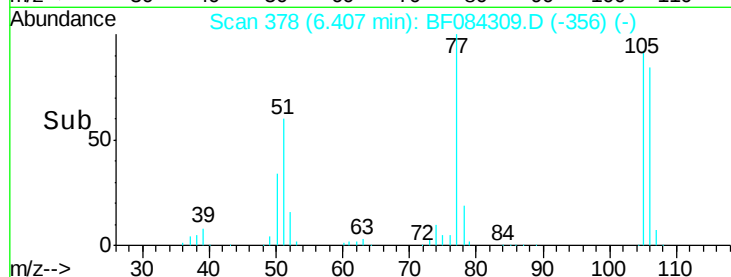
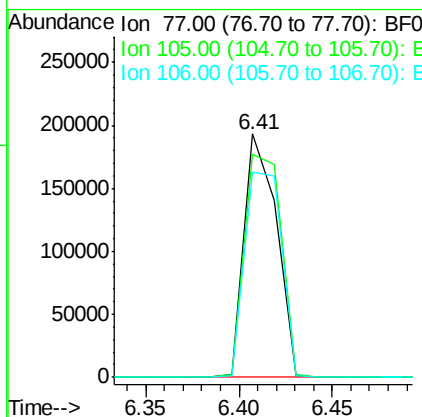
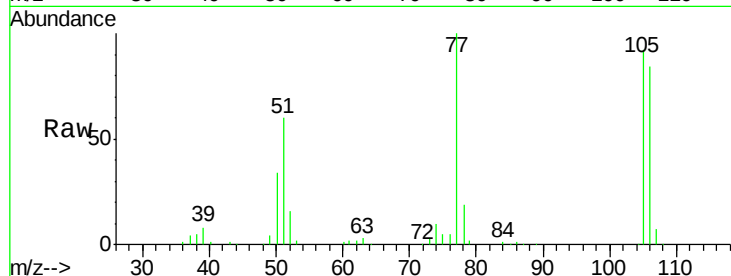
ClientSampled :

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Tot Ion:	77	Resp:	232078
Ion Ratio	Lower	Upper	
77	100		
105	91.9	83.0	123.0
106	84.1	74.6	114.6



#10

Phenol

Concen: 44.76 ng

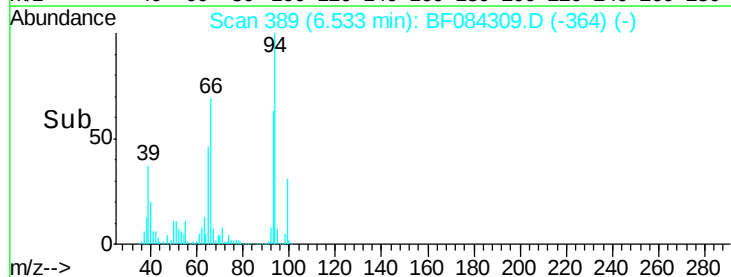
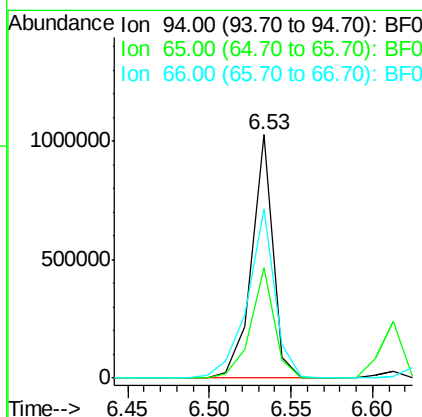
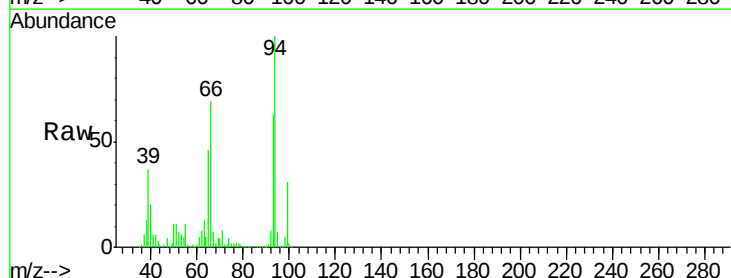
RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion:	94	Resp:	933754
Ion Ratio	Lower	Upper	
94	100		
65	45.5	12.9	52.9
66	69.4	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 52.55 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

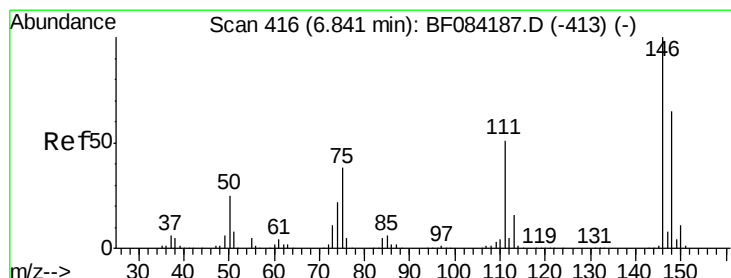
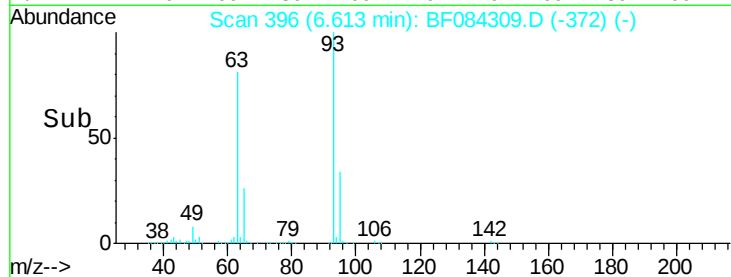
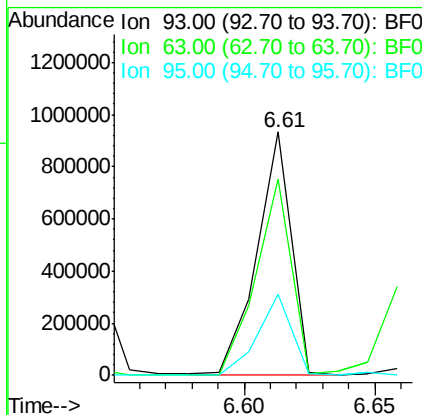
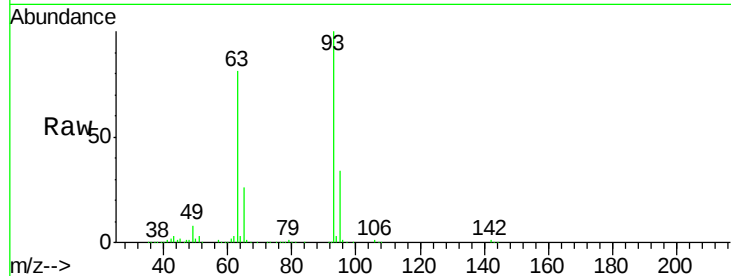
ClientSampleId :

SW002MS

Tot Ion:	93	Resp:	849326
Ion Ratio	Lower	Upper	
93	100		
63	80.7	45.9	85.9
95	33.5	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 45.43 ng m

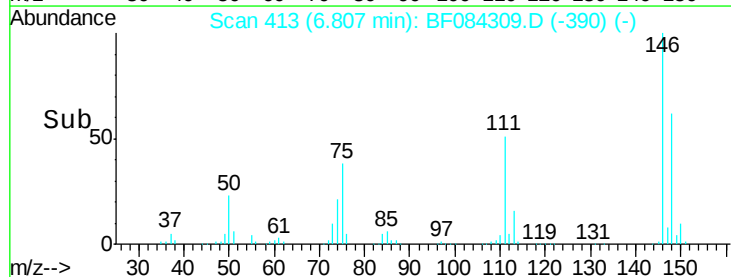
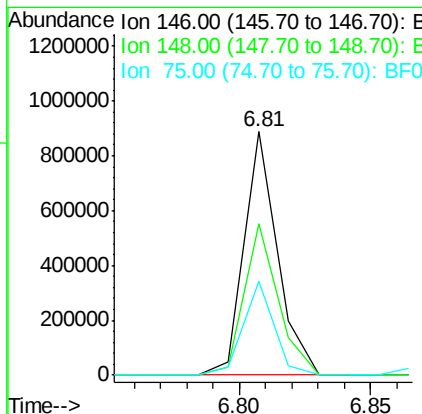
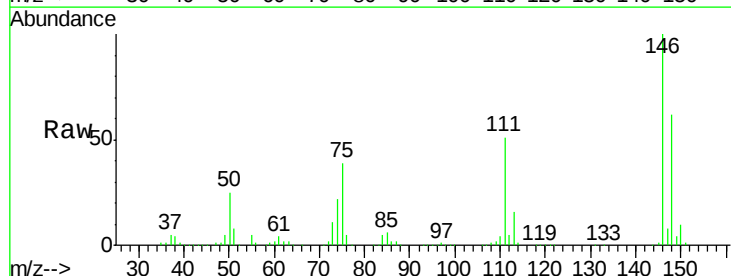
RT: 6.81 min Scan# 413

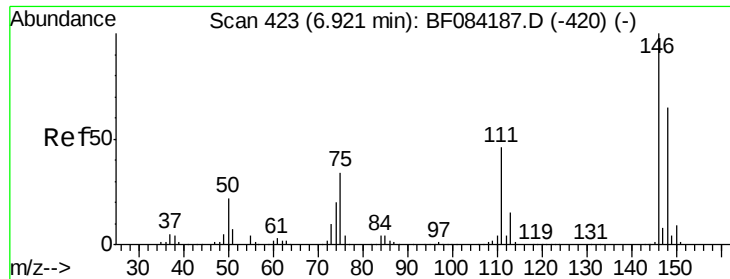
Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion:	146	Resp:	776803
Ion Ratio	Lower	Upper	
146	100		
148	62.4	51.9	77.9
75	38.8	20.5	30.7#





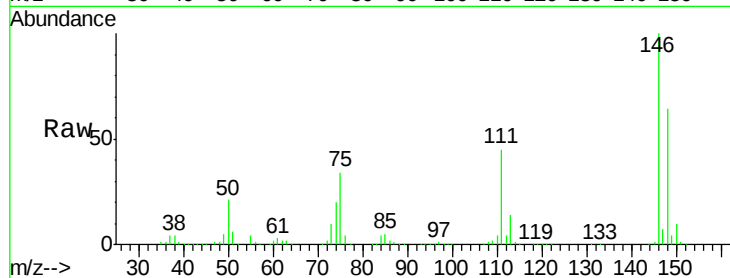
#13
 1,4-Dichlorobenzene
 Concen: 49.22 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

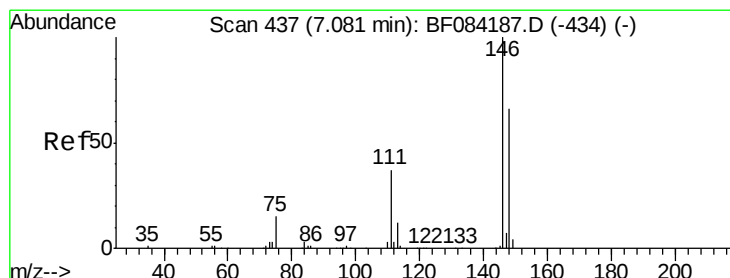
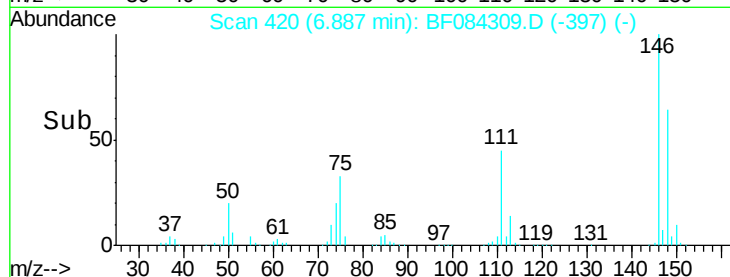
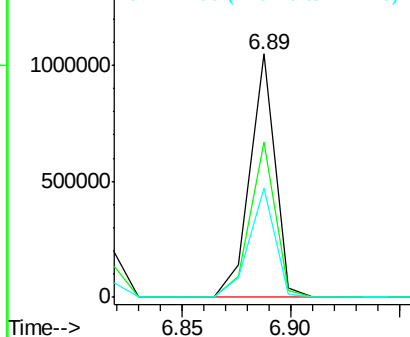
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
111	45.0	41.6	62.4

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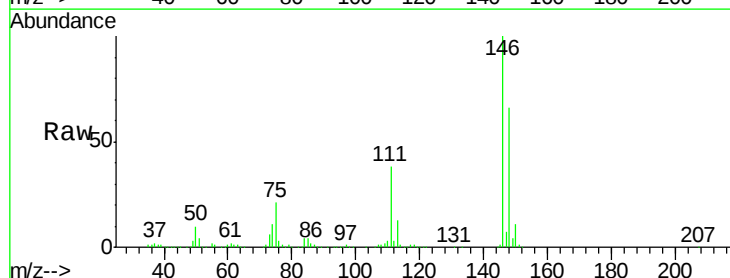


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

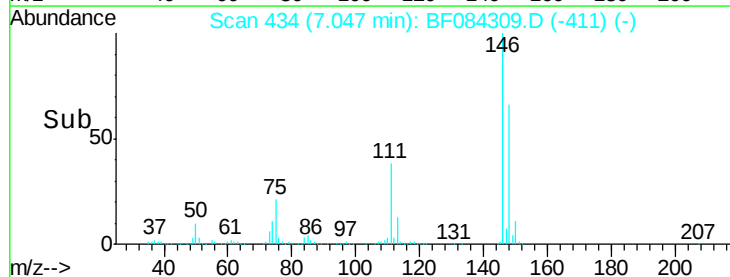
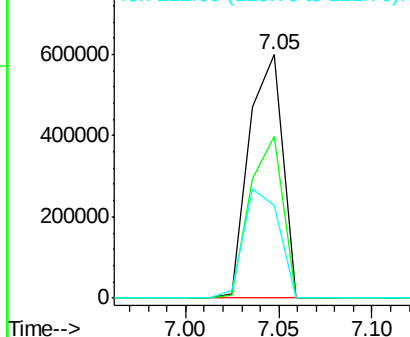


#14
 1,2-Dichlorobenzene
 Concen: 45.18 ng
 RT: 7.05 min Scan# 434
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.6	77.4
111	38.3	38.0	57.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 47.93 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

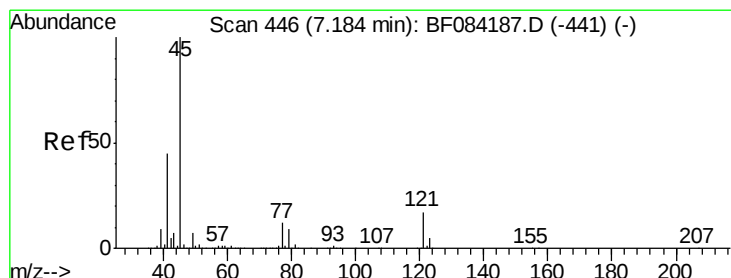
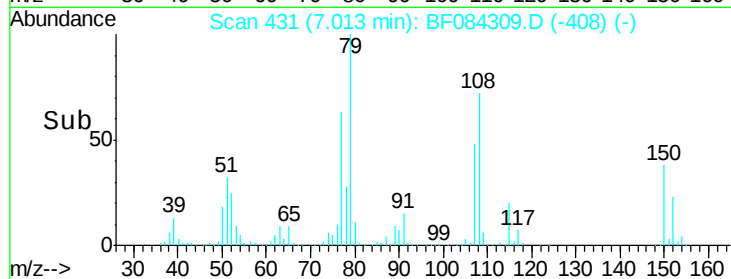
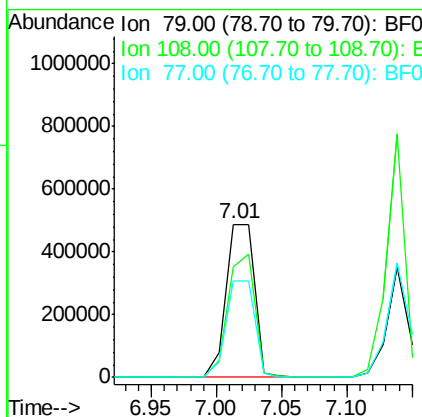
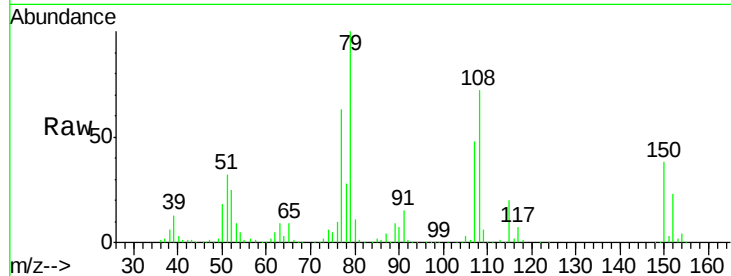
ClientSampleId :

SW002MS

Tot Ion:	79	Resp:	739751
Ion Ratio	Lower	Upper	
79	100		
108	71.8	69.0	103.4
77	62.8	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.59 ng

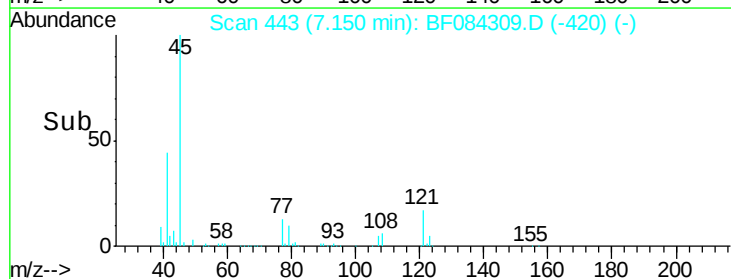
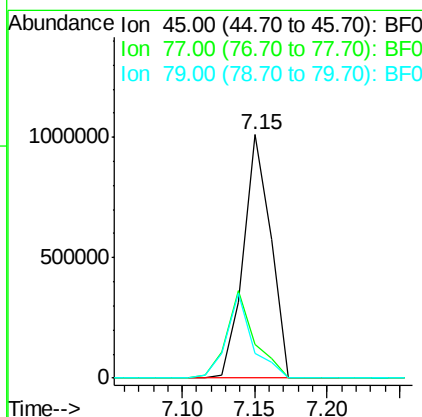
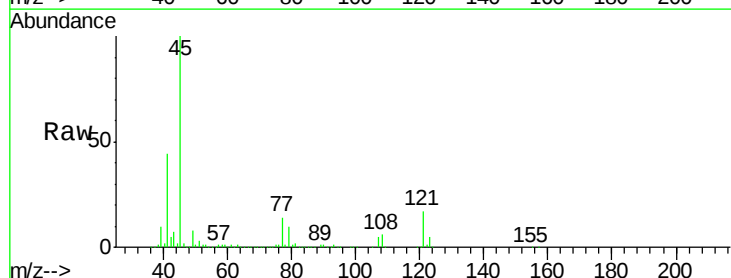
RT: 7.15 min Scan# 443

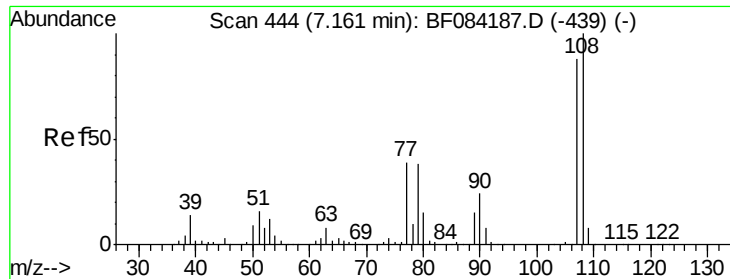
Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion:	45	Resp:	1312321
Ion Ratio	Lower	Upper	
45	100		
77	13.6	0.0	39.6
79	10.4	0.0	35.0





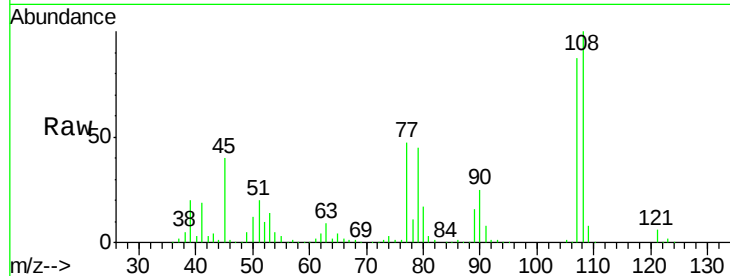
#17
2-Methylphenol
Concen: 47.72 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.02 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tot Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	115.2	89.8	134.6
77	54.2	35.7	53.5#
79	52.3	35.7	53.5

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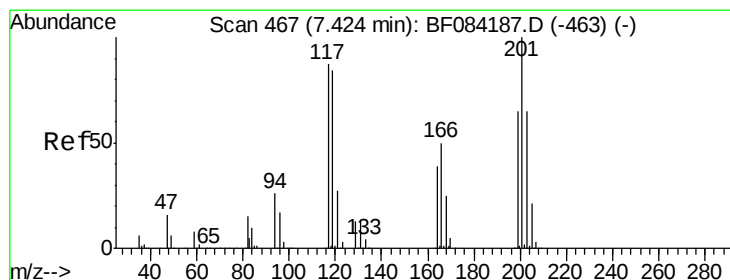
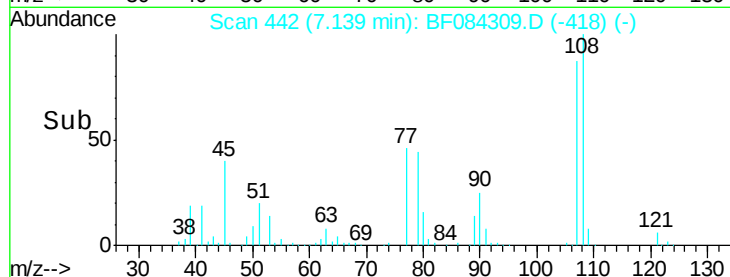
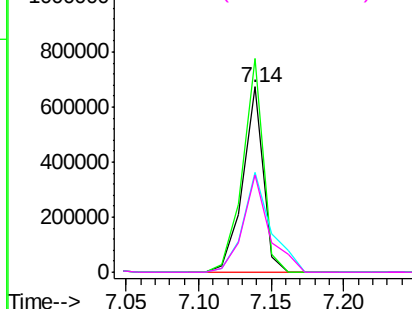
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

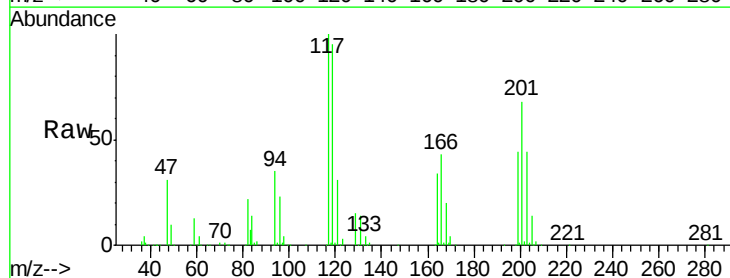
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 46.88 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
119	95.1	77.4	116.0
201	67.7	68.6	103.0#

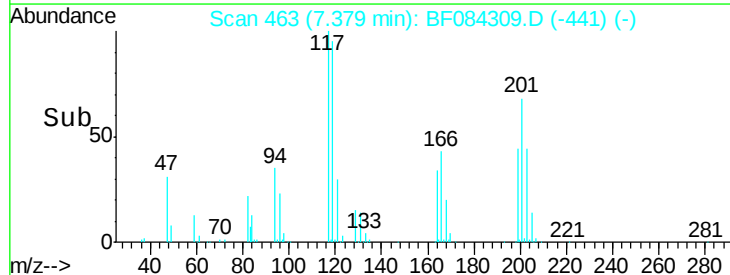
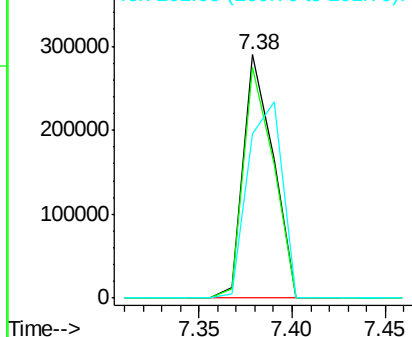


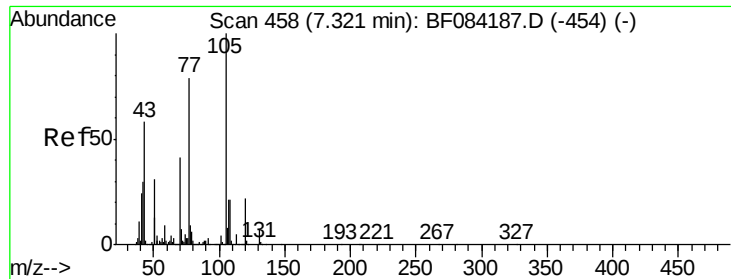
Abundance

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: 48.56 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

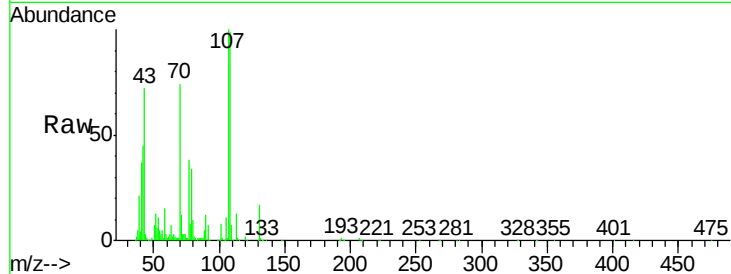
ClientSampleId :

SW002MS

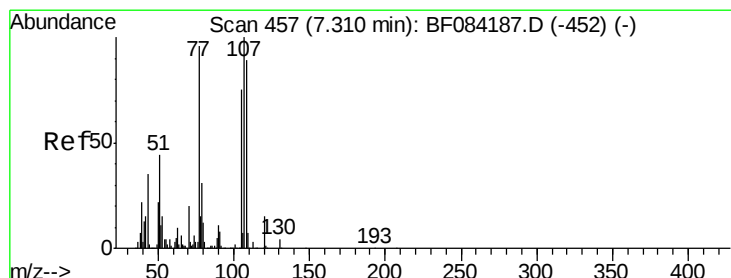
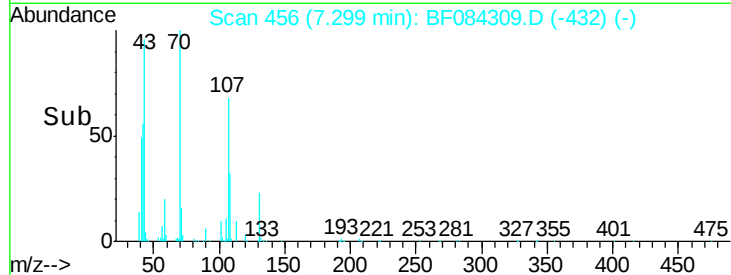
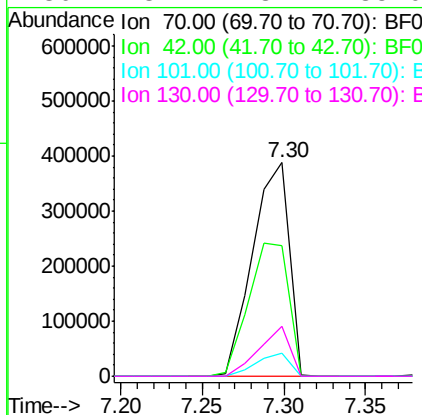
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Tot Ion	Ratio	Lower	Upper
70	100		
42	61.0	33.3	49.9#
101	10.6	9.3	13.9
130	23.2	23.4	35.0#



#20

3+4-Methylphenols

Concen: 49.11 ng

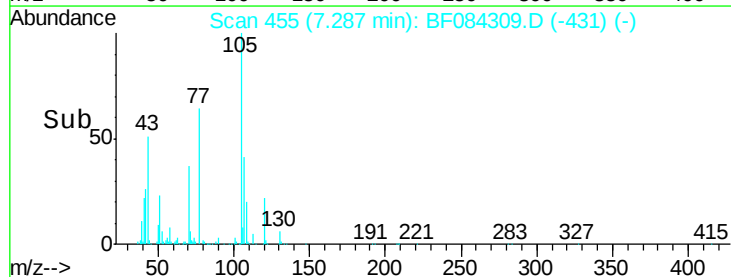
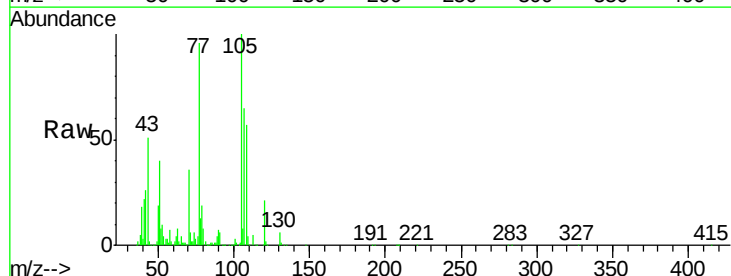
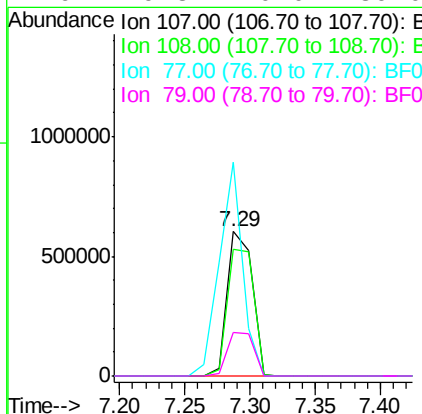
RT: 7.29 min Scan# 455

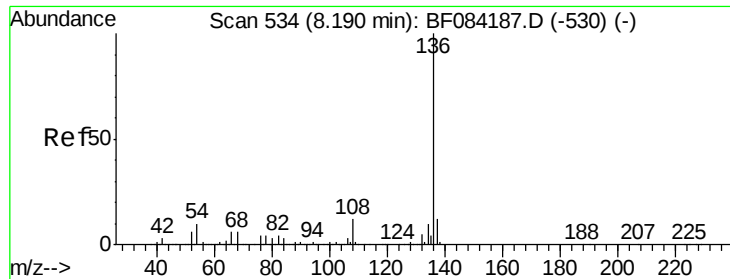
Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	74.6	114.6
77	147.9	0.7	40.7#
79	29.8	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

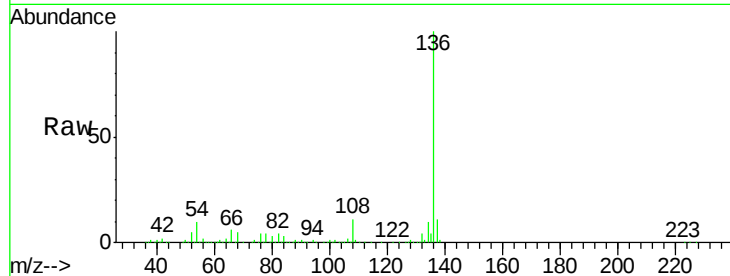
ClientSampleId :

SW002MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		963636		
137	11.4		8.7	13.1	
54	10.1		5.8	8.8#	
68	5.4		4.2	6.2	

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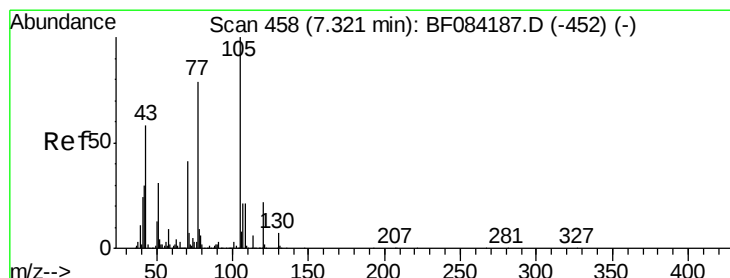
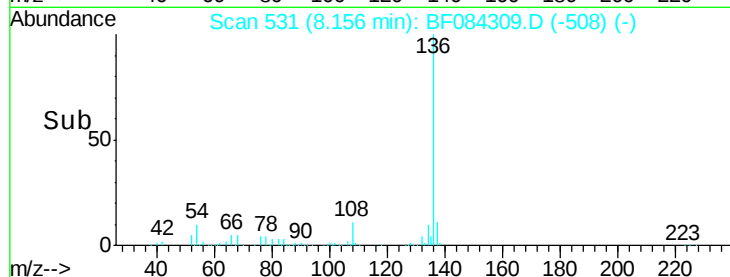
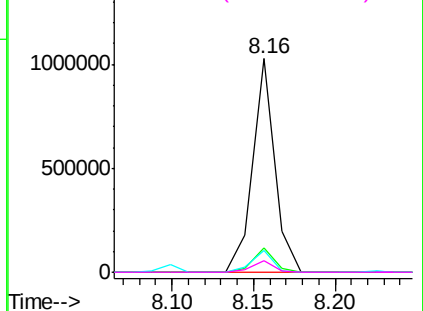
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.81 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1107922		
71	6.3		3.7	5.5#	
51	39.6		25.1	37.7#	
120	21.3		16.6	25.0	

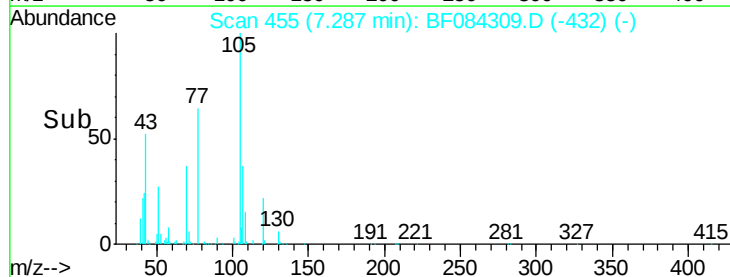
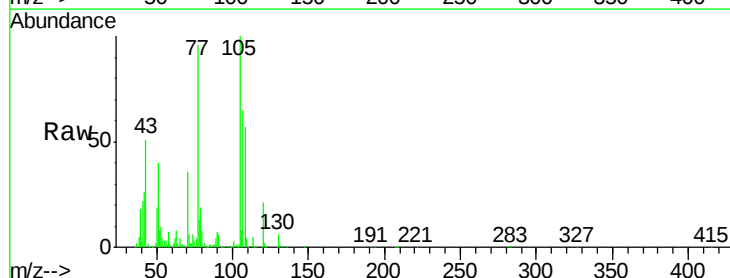
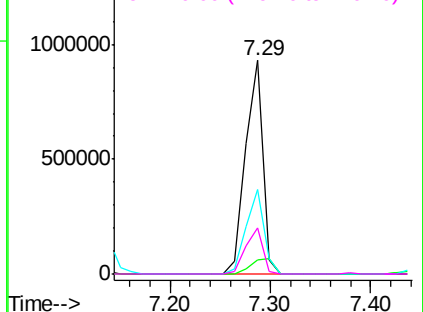
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





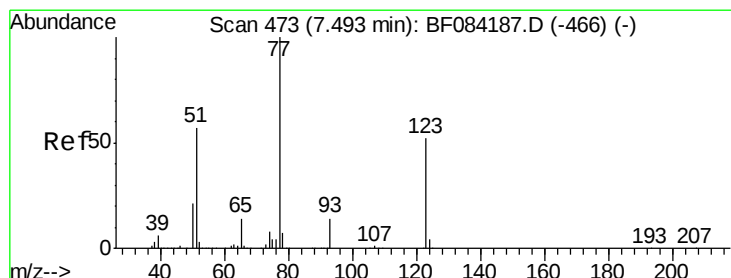
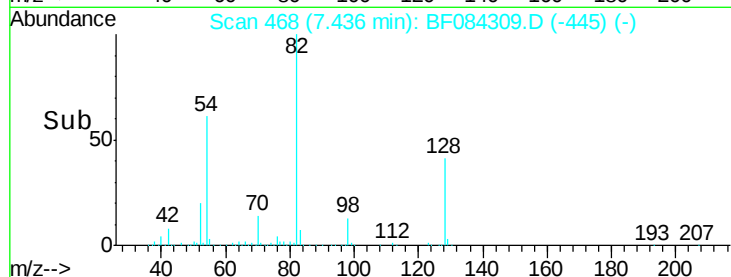
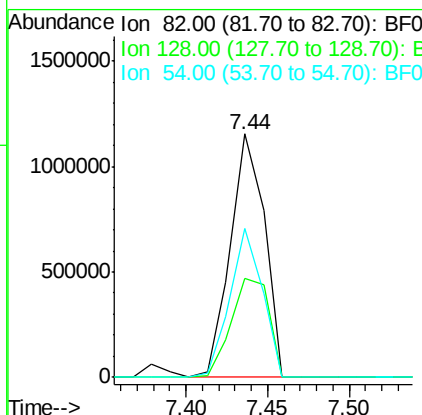
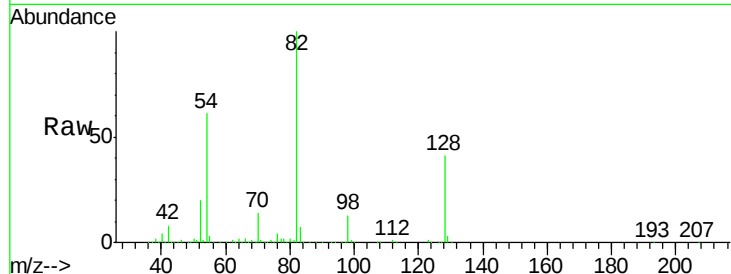
#23
 Nitrobenzene-d5
 Concen: 96.15 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	51.8
54	61.0	38.4	57.6

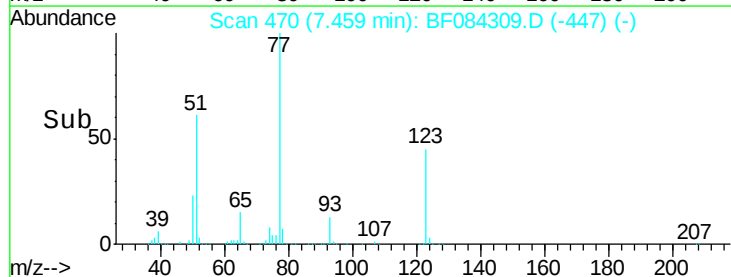
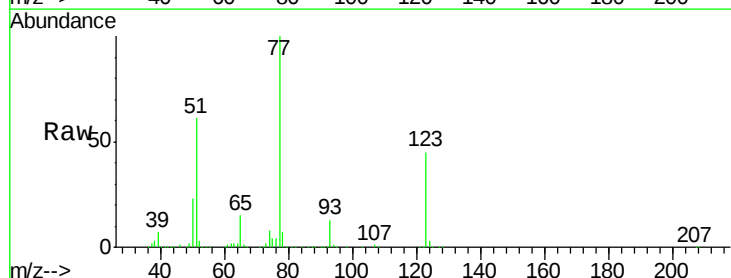
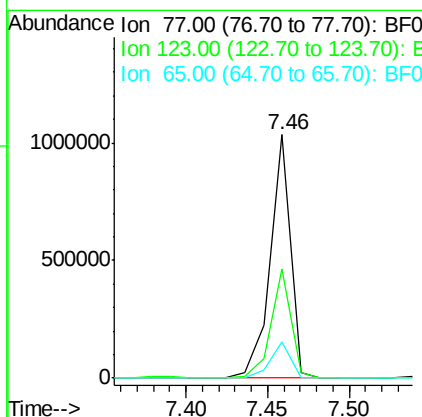
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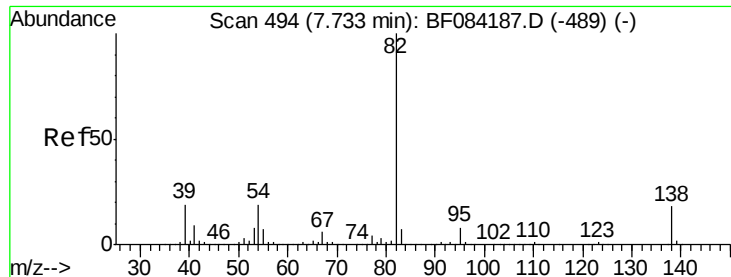
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#24
 Nitrobenzene
 Concen: 51.00 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	37.4	56.2
65	14.9	10.9	16.3





#25

Isophorone

Concen: 47.98 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

Tot Ion: 82 Resp: 1588990

Ion Ratio Lower Upper

82 100

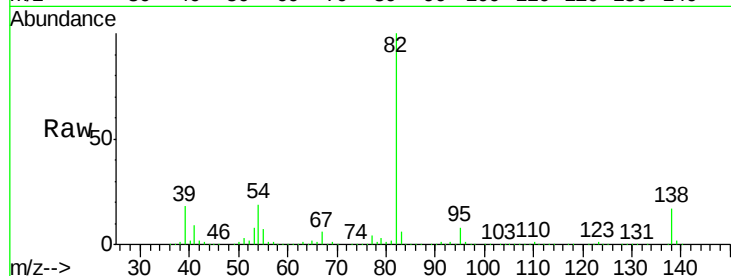
95 8.1 6.6 10.0

138 17.2 13.6 20.4

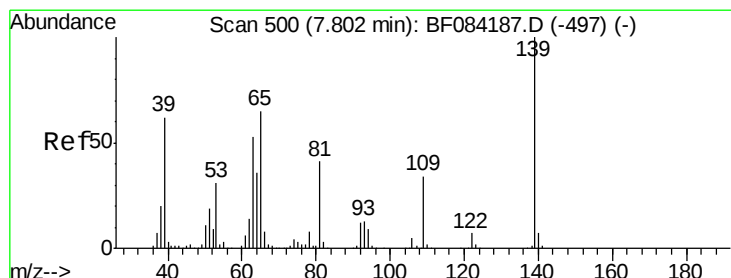
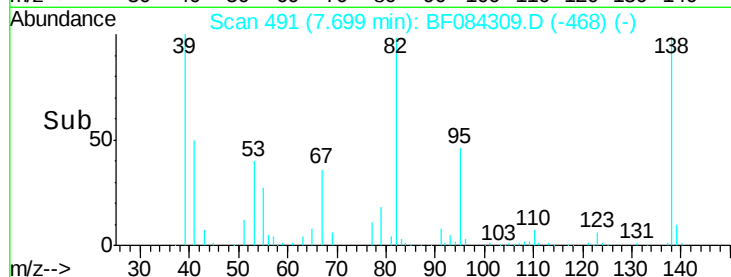
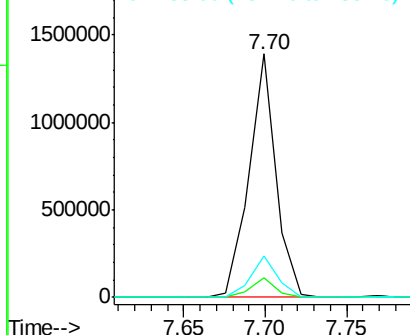
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 57.09 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

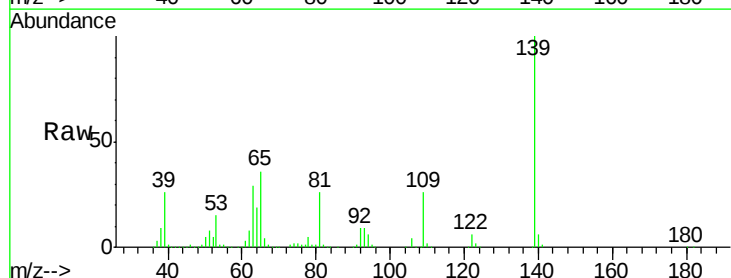
Tgt Ion: 139 Resp: 456299

Ion Ratio Lower Upper

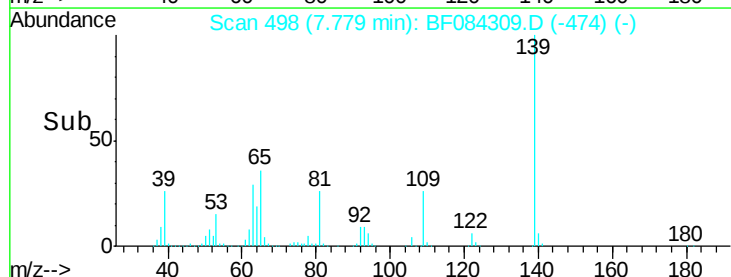
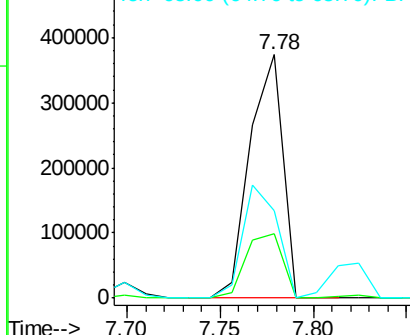
139 100

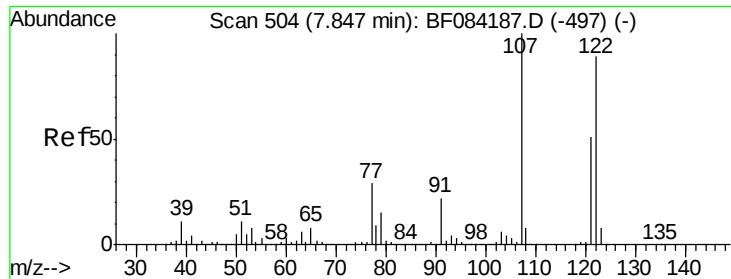
109 26.4 25.4 38.2

65 35.9 32.3 48.5



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: 49.78 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

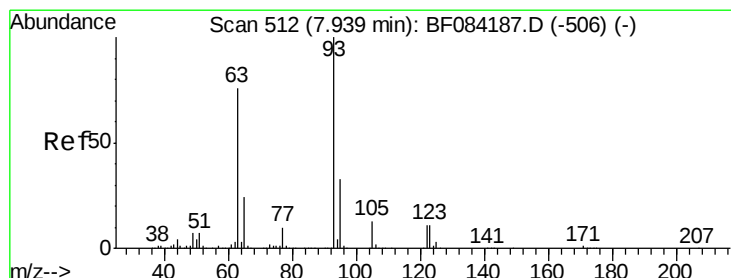
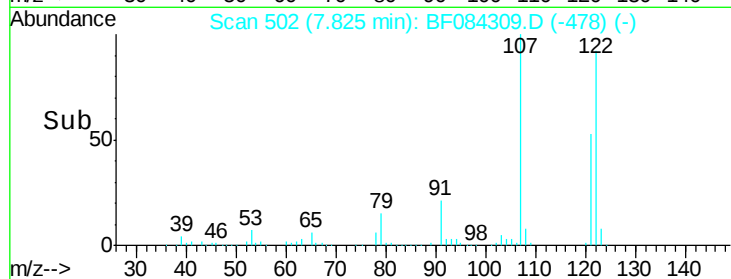
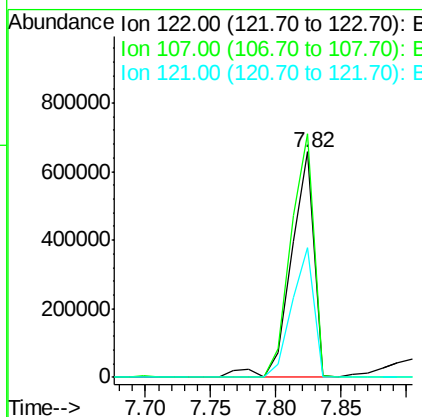
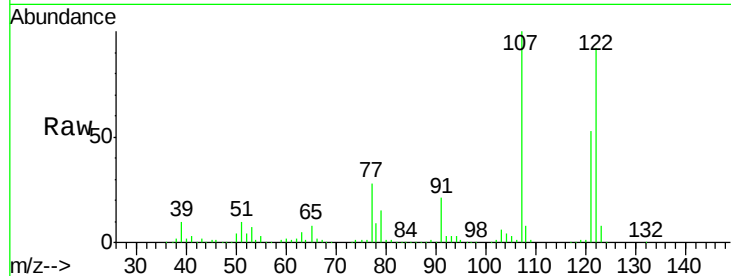
ClientSampleId :

SW002MS

Tot Ion:	122	Resp:	805299
Ion Ratio	Lower	Upper	
122	100		
107	108.2	99.1	148.7
121	57.7	47.9	71.9

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#28

bis(2-Chloroethoxy)methane

Concen: 50.97 ng

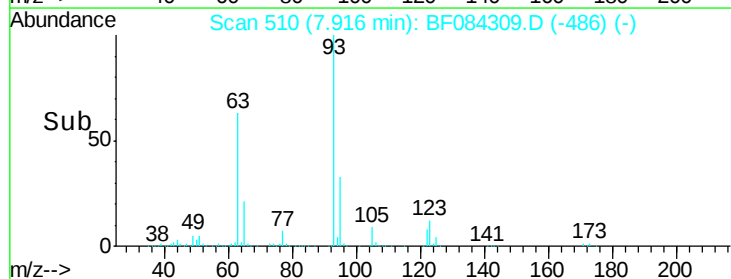
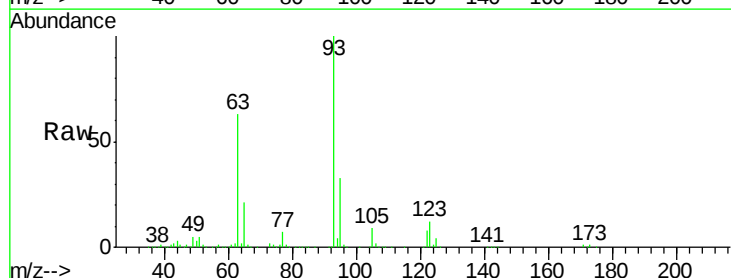
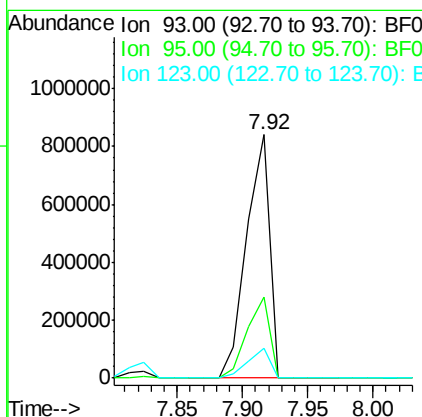
RT: 7.92 min Scan# 510

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion:	93	Resp:	1031039
Ion Ratio	Lower	Upper	
93	100		
95	33.4	25.8	38.6
123	12.5	8.6	12.8





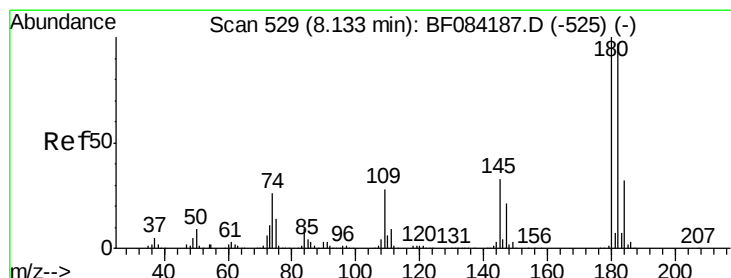
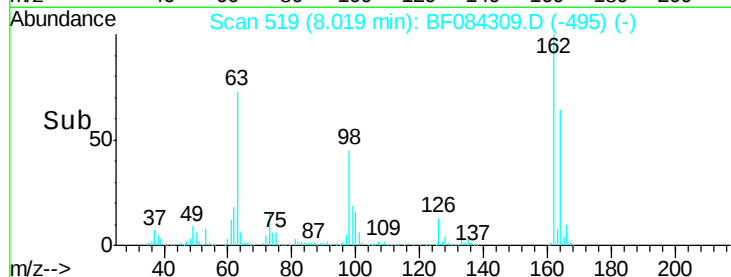
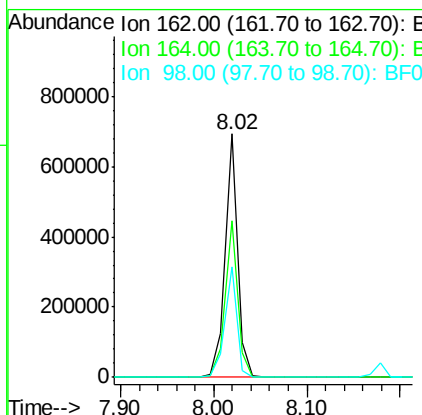
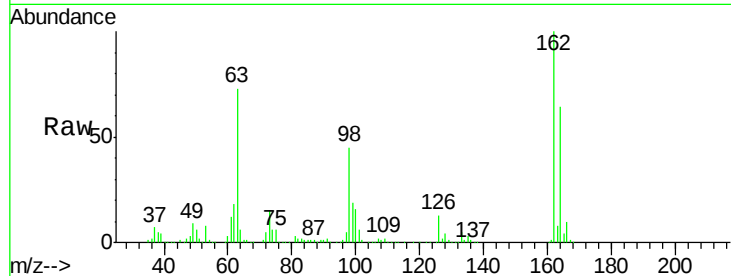
#29
2,4-Dichlorophenol
Concen: 47.56 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	640928		
164	64.1		44.1	84.1
98	45.2		20.2	60.2

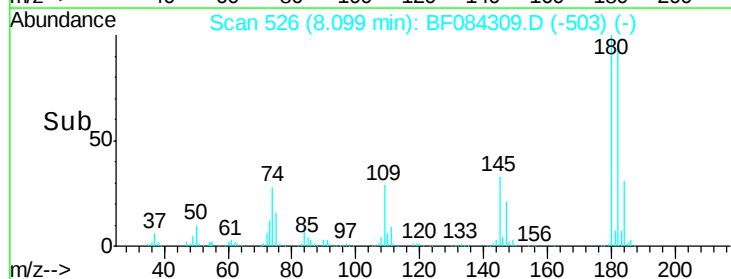
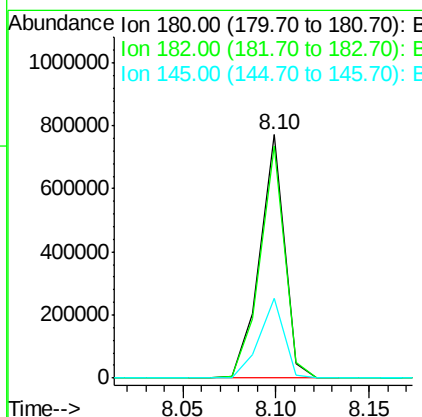
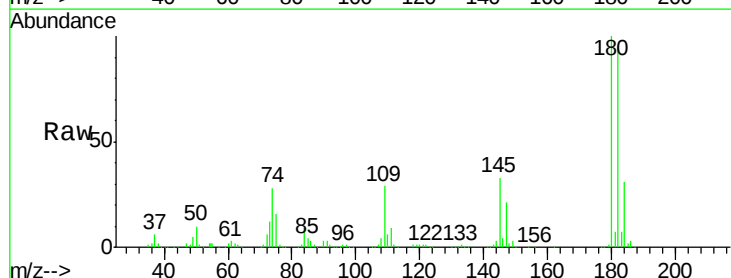
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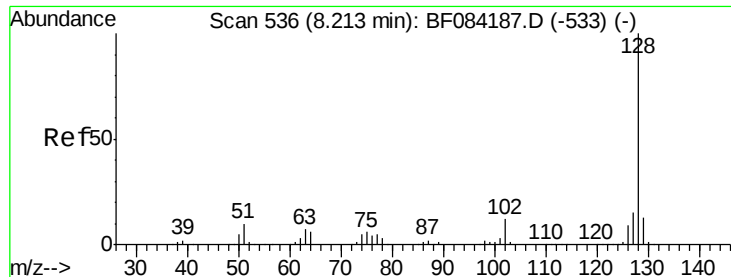
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#30
1,2,4-Trichlorobenzene
Concen: 50.88 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	707807		
182	95.4		76.4	114.6
145	32.7		31.6	47.4





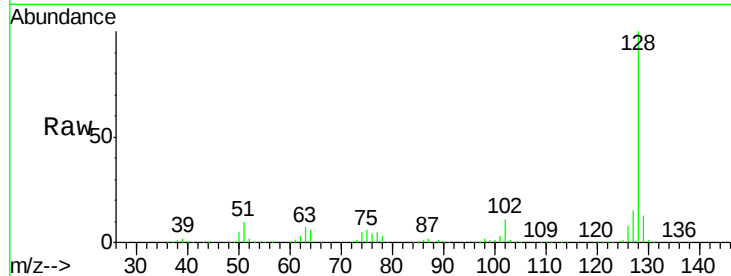
#31
Naphthalene
Concen: 48.63 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

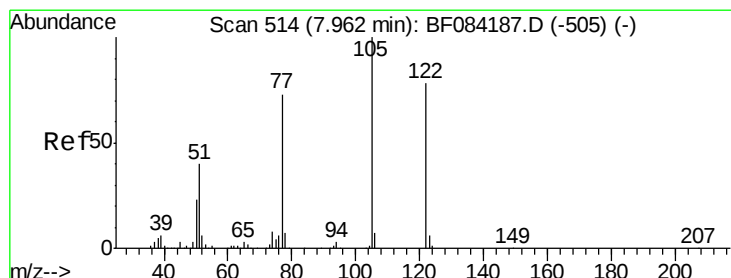
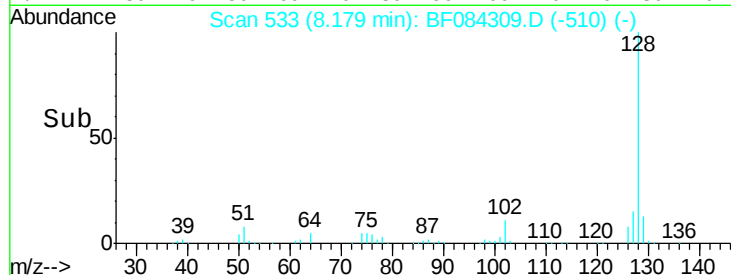
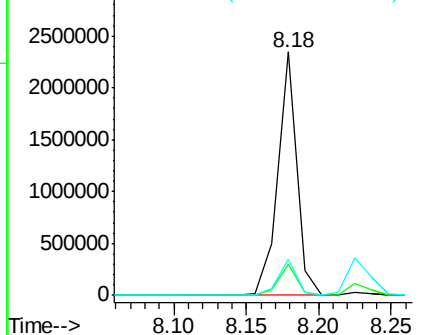
Tot Ion:128 Resp: 2125952
Ion Ratio Lower Upper
128 100
129 12.5 9.1 13.7
127 14.7 11.1 16.7

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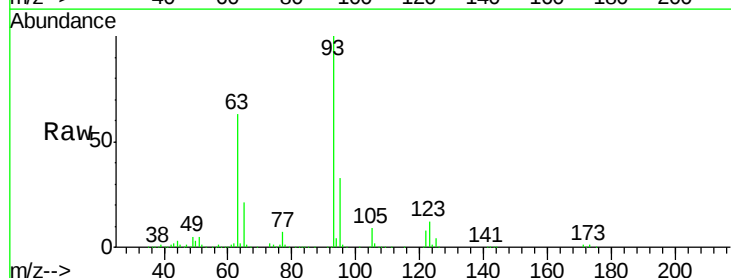


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

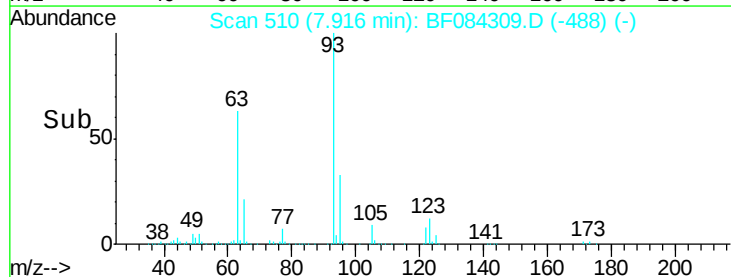
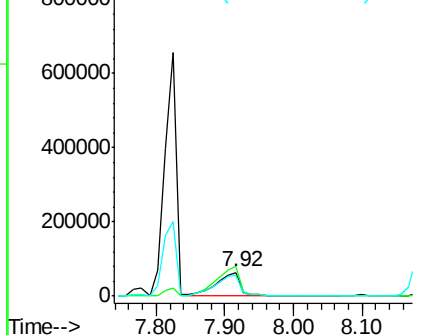


#32
Benzoic acid
Concen: 19.50 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.04 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion:122 Resp: 158603
Ion Ratio Lower Upper
122 100
105 124.7 100.3 140.3
77 90.0 63.5 103.5



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





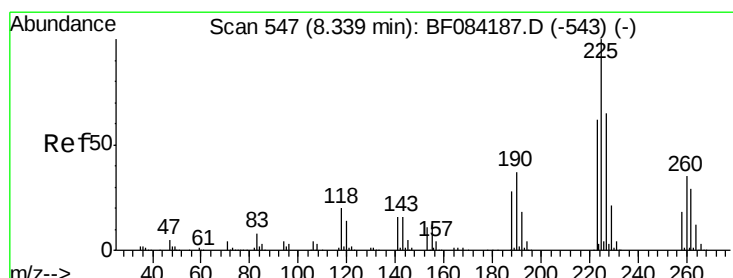
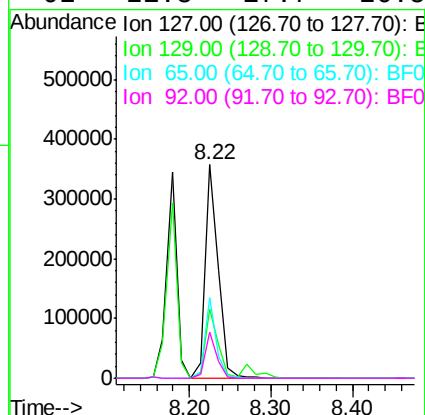
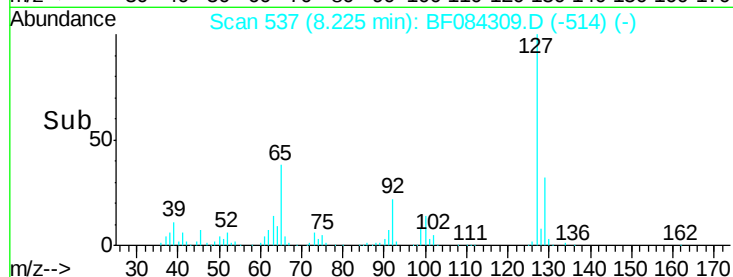
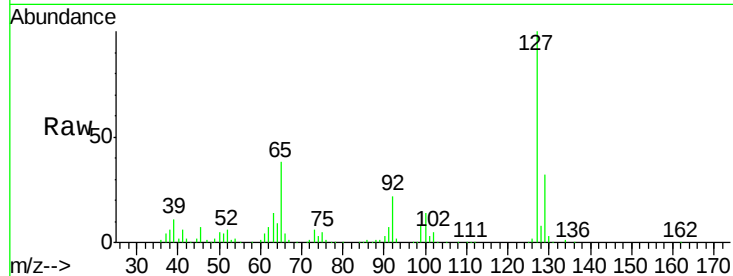
#33
4-Chloroaniline
Concen: 20.28 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.5	39.7		
65	37.9	27.2	40.8		
92	21.8	17.7	26.5		

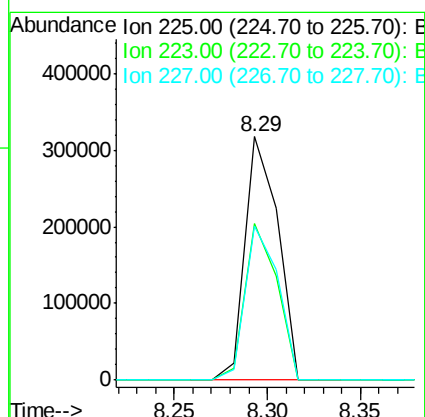
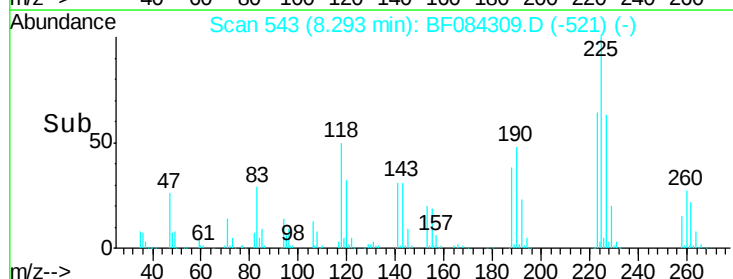
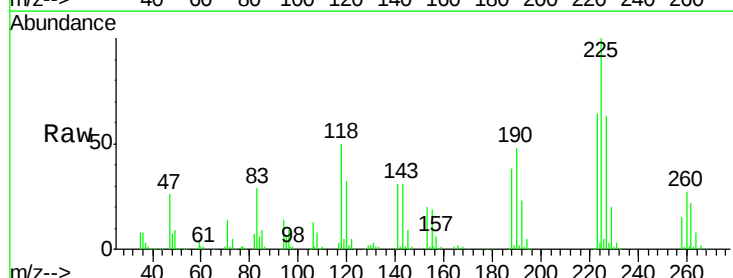
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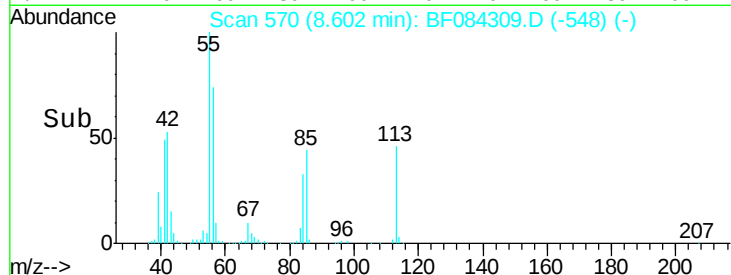
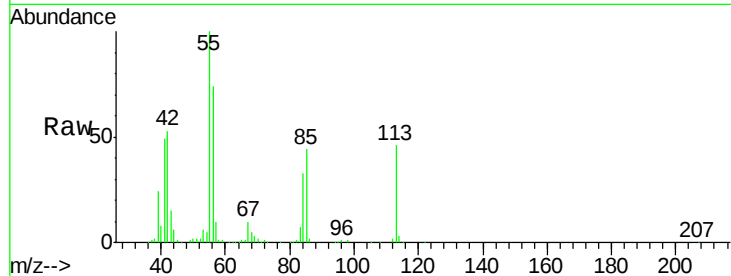
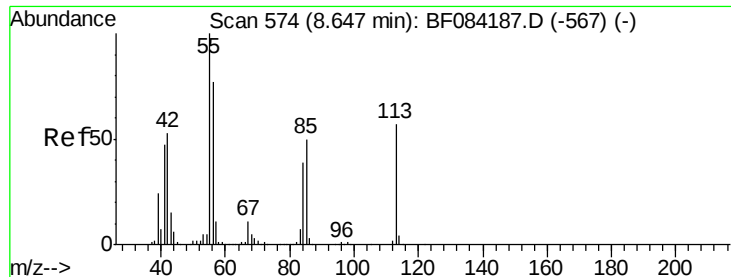
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#34
Hexachlorobutadiene
Concen: 48.50 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.05 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.2	49.4	74.0		
227	63.3	50.8	76.2		





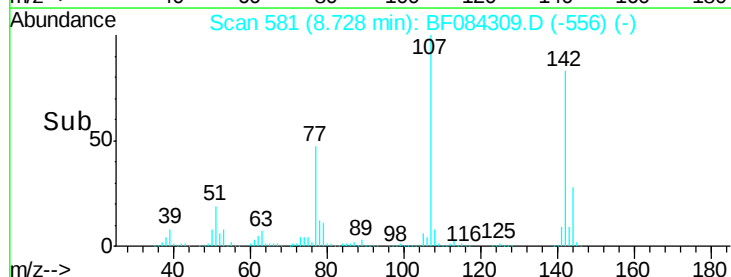
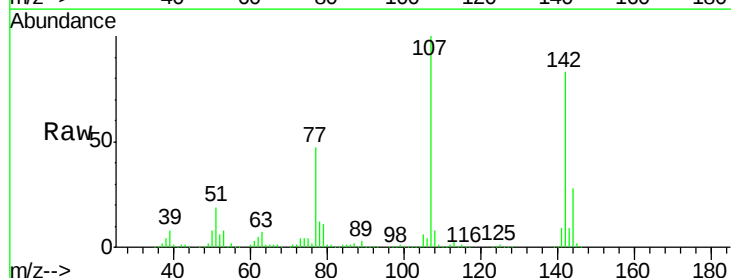
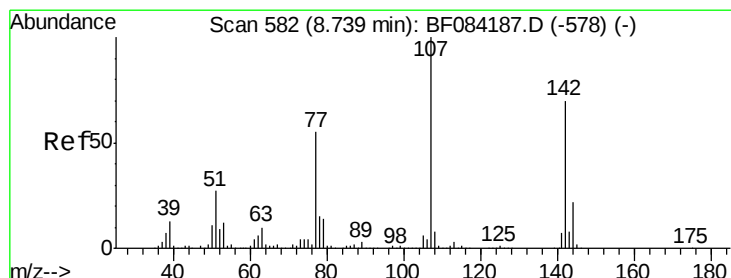
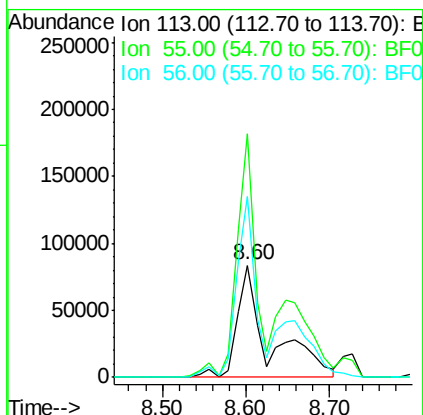
#35
Caprolactam
Concen: 48.71 ng/ml
RT: 8.60 min Scan# 570
Delta R.T. -0.05 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tot Ion	Ratio	Lower	Upper
113	100		
55	217.4	116.9	156.9#
56	161.1	93.8	133.8#

Instrument :
BNA_F
ClientSampleId :
SW002MS

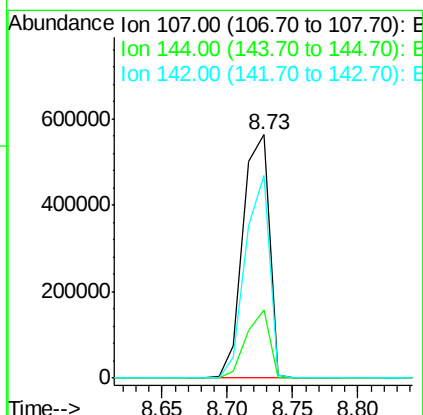
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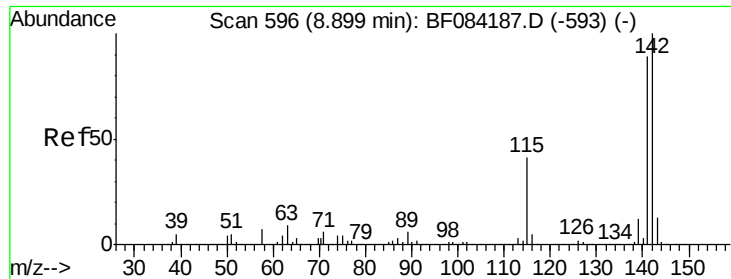
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#36
4-Chloro-3-methylphenol
Concen: 52.38 ng
RT: 8.73 min Scan# 581
Delta R.T. -0.01 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.0	19.7	29.5
142	83.2	61.8	92.6





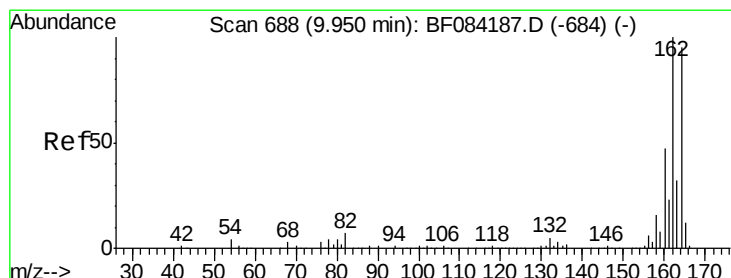
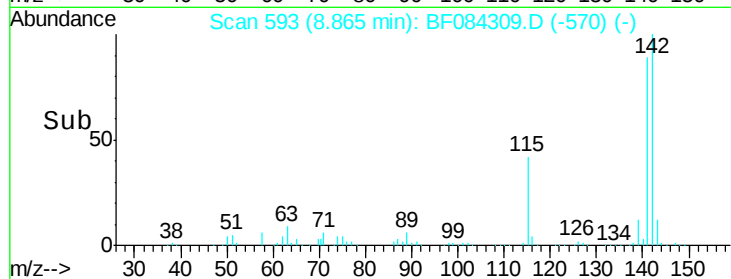
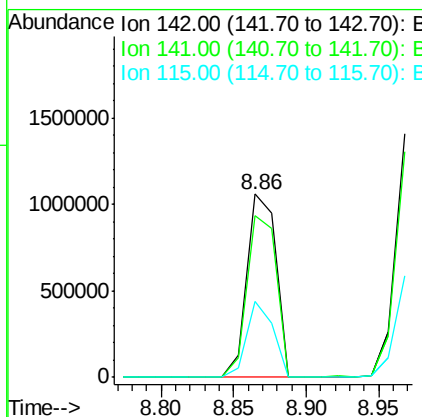
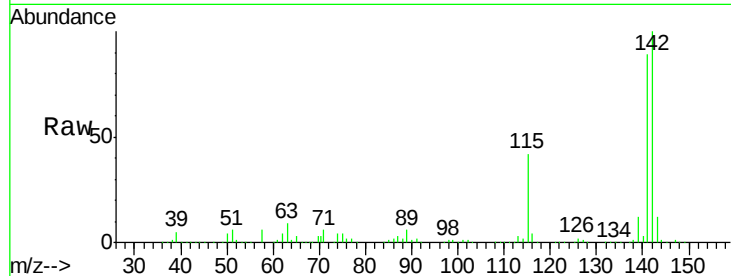
#37
2-Methylnaphthalene
Concen: 46.70 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tot Ion:142 Resp: 1465533
Ion Ratio Lower Upper
142 100
141 88.8 72.4 108.6
115 41.6 27.9 41.9

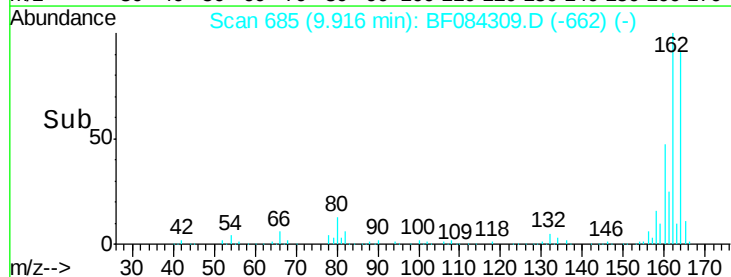
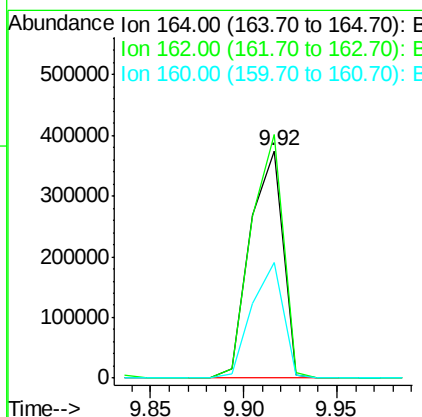
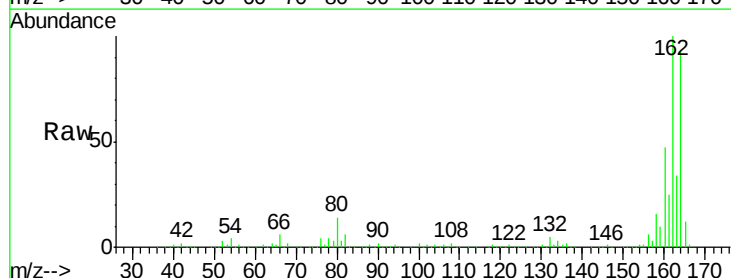
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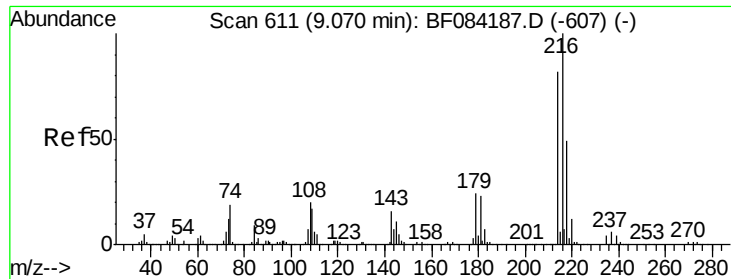
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion:164 Resp: 453579
Ion Ratio Lower Upper
164 100
162 107.2 85.1 127.7
160 50.7 37.5 56.3





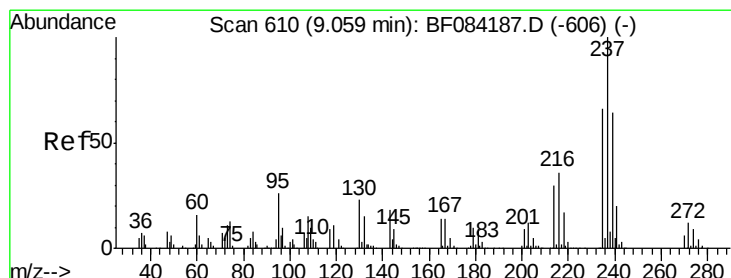
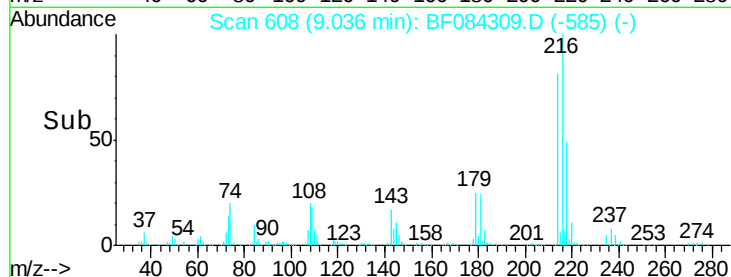
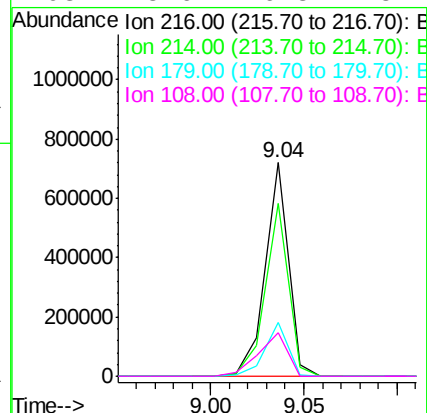
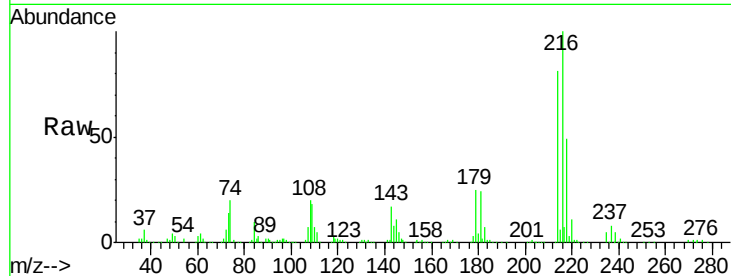
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.22 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		615707		
214	80.7	64.2	96.2		
179	24.9	18.7	28.1		
108	25.6	16.8	25.2#		

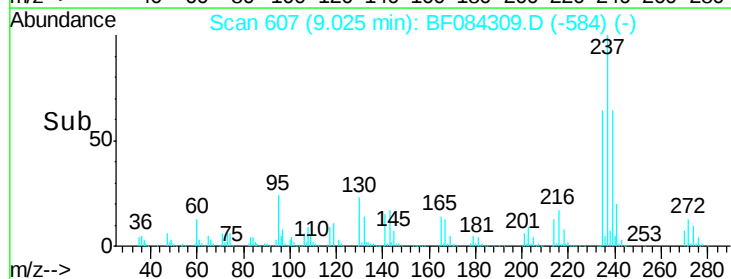
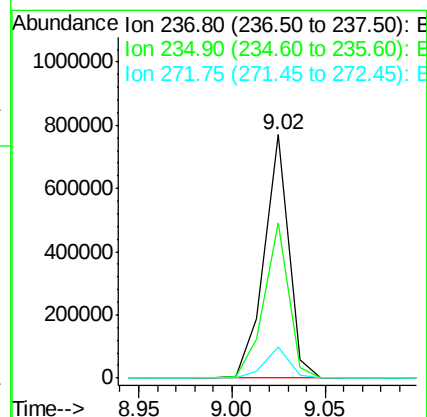
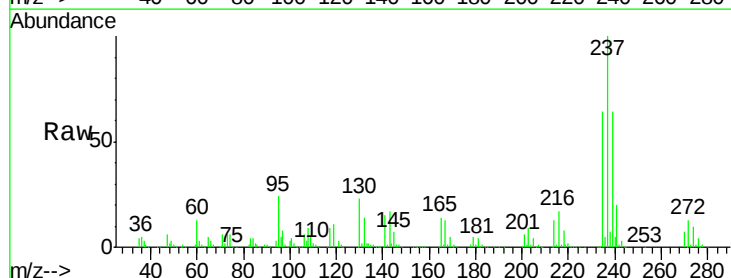
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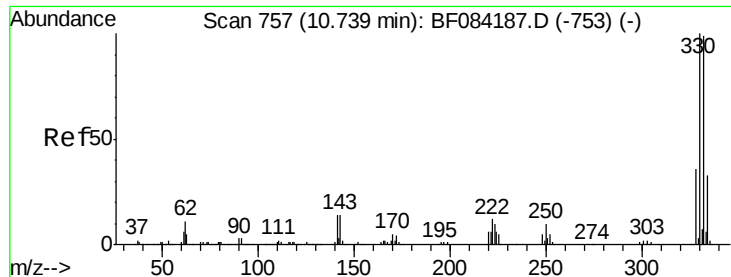
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#40
 Hexachlorocyclopentadiene
 Concen: 89.10 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		701372		
235	63.9	43.1	83.1		
272	12.6	0.0	35.1		





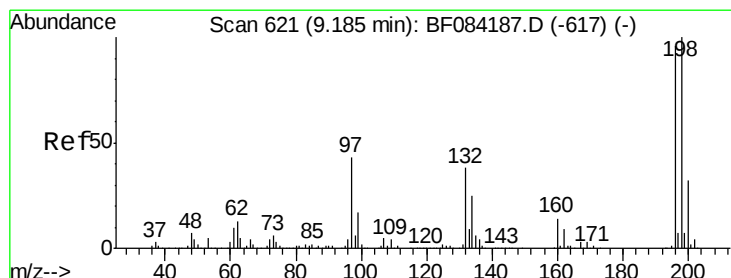
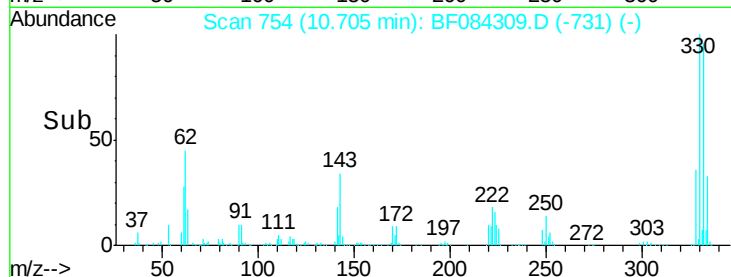
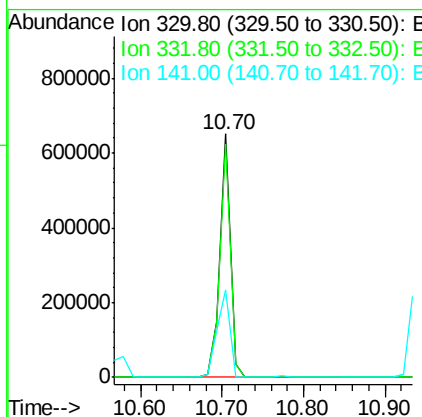
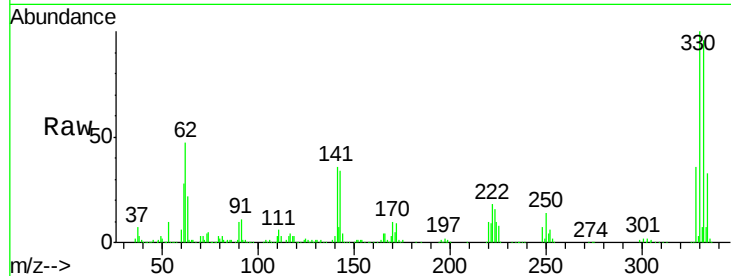
#41
 2,4,6-Tribromophenol
 Concen: 127.98 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.3	76.6	114.8	
141	43.6	27.8	41.6	

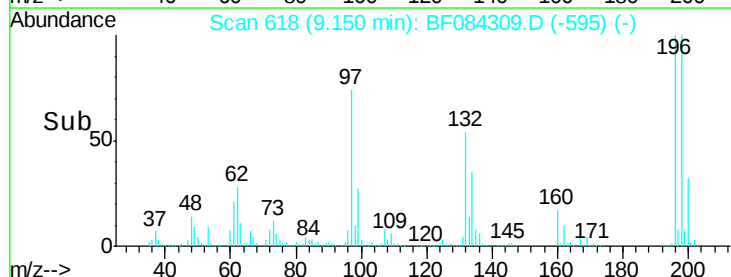
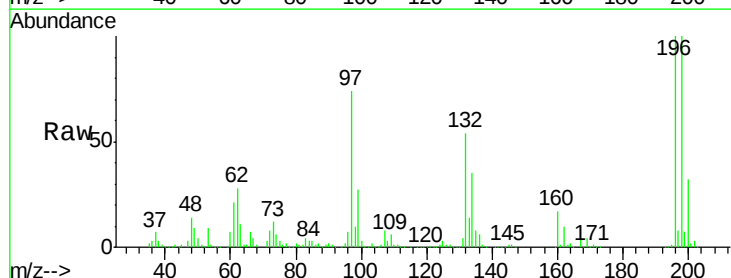
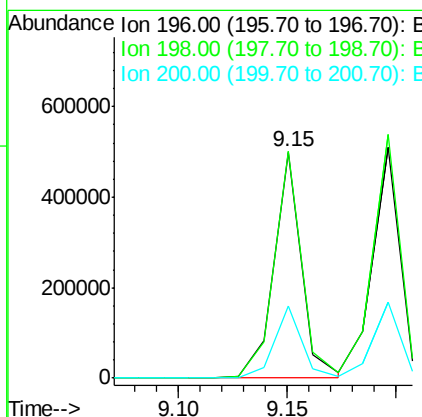
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#42
 2,4,6-Trichlorophenol
 Concen: 45.91 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

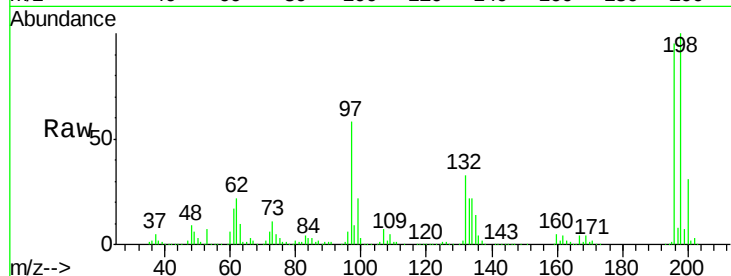
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	100.4	77.7	116.5	
200	31.6	24.6	37.0	





#43
 2,4,5-Trichlorophenol
 Concen: 48.28 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

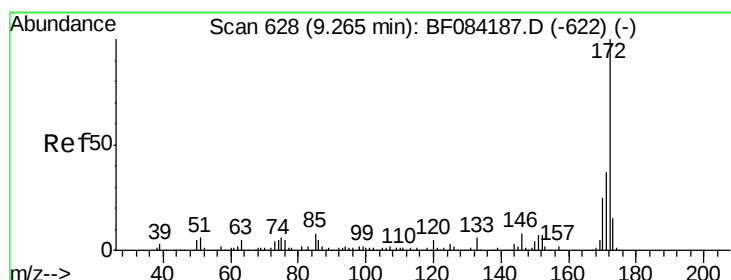
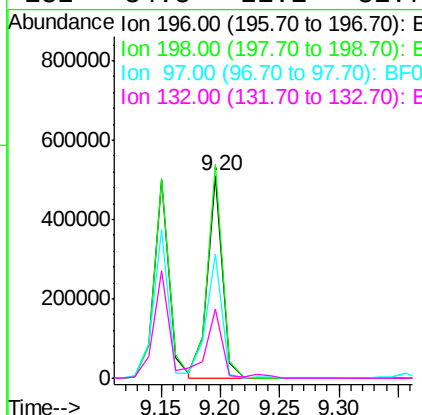
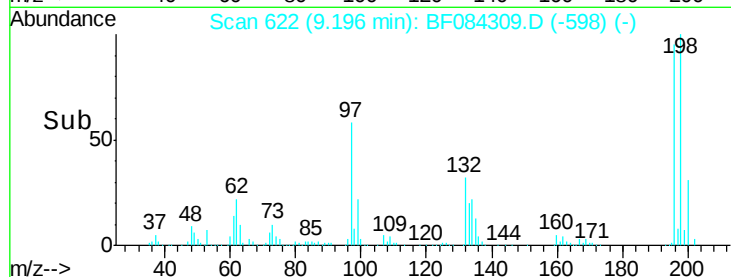
Instrument :
 BNA_F
 ClientSampleID :
 SW002MS



Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	105.4	79.0	118.6	
97	61.4	33.0	49.6	
132	34.3	21.1	31.7	

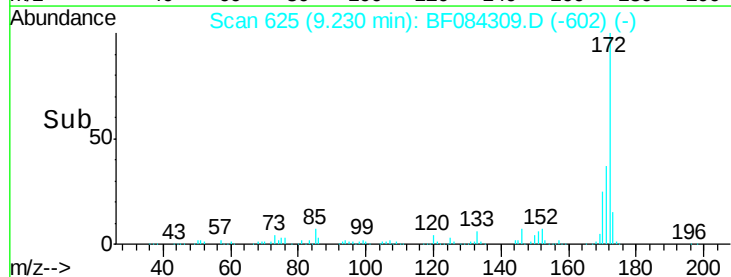
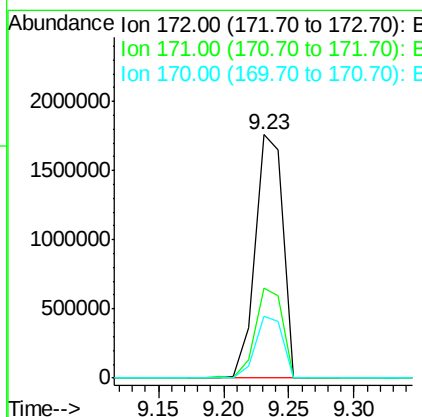
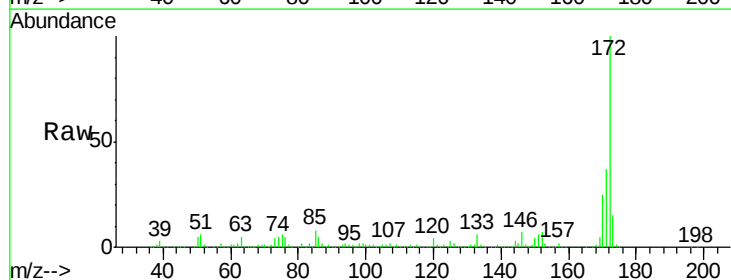
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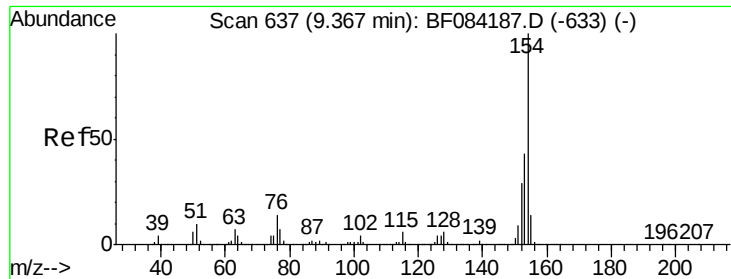
UMANGI
 1/8/2016 10:42:56 AM



#44
 2-Fluorobiphenyl
 Concen: 102.00 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.1	28.9	43.3	
170	25.4	18.6	27.8	





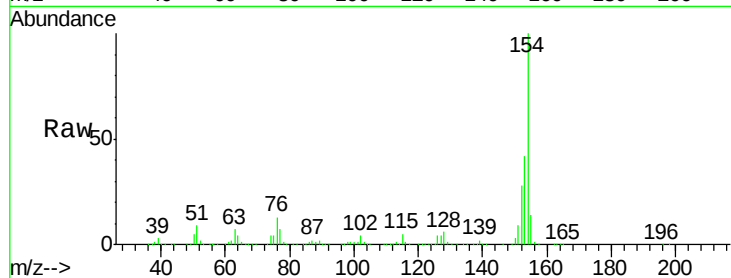
#45
 1,1'-Biphenyl
 Concen: 45.44 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleID :
 SW002MS

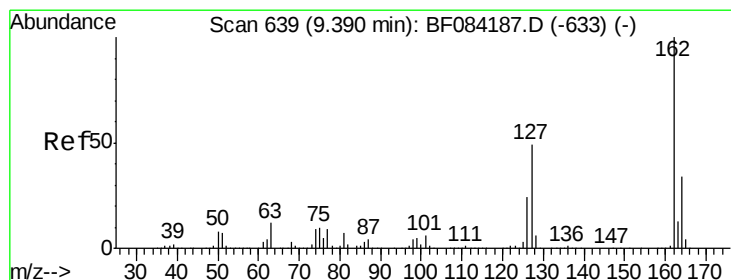
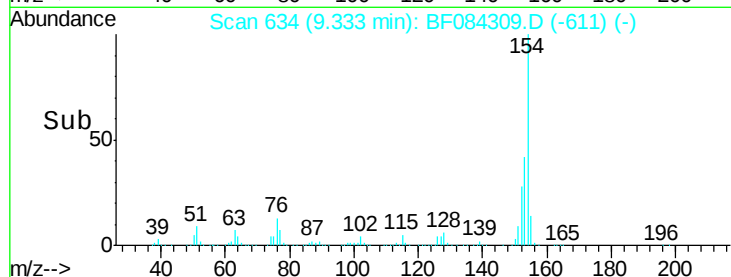
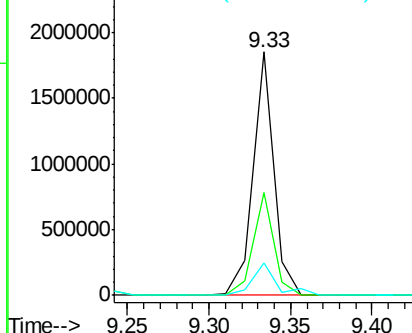
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.6	61.6
76	13.3	0.0	32.7

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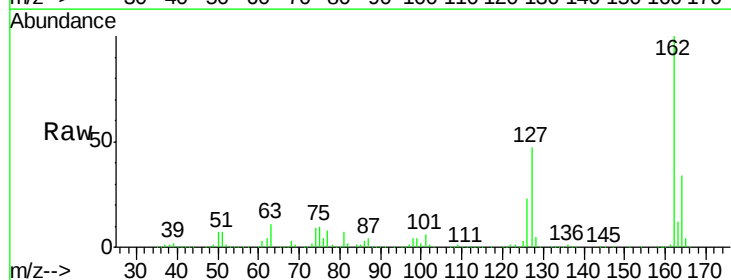


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

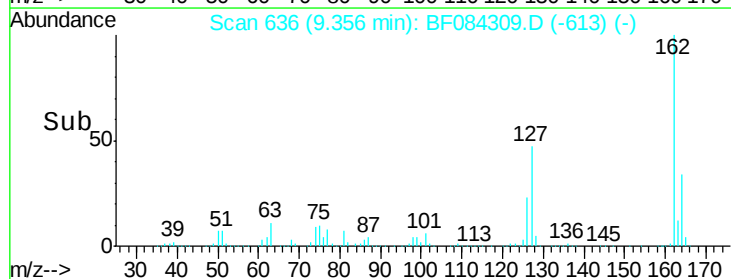
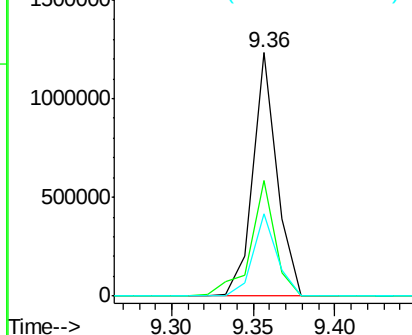


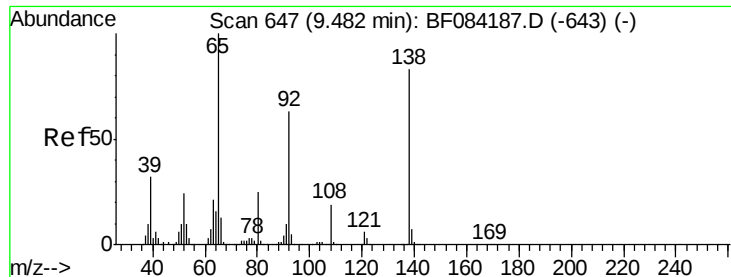
#46
 2-Chloronaphthalene
 Concen: 44.59 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.4	40.2	60.4
164	33.8	25.7	38.5



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





#47

2-Nitroaniline

Concen: 55.41 ng

RT: 9.46 min Scan# 645

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

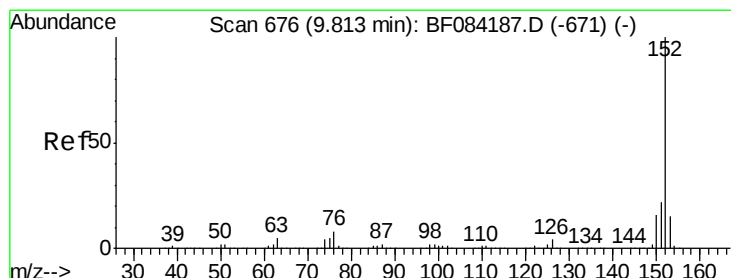
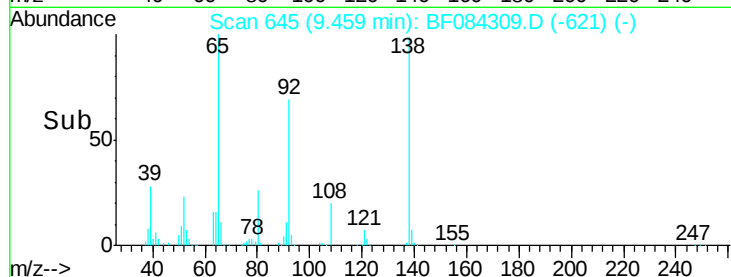
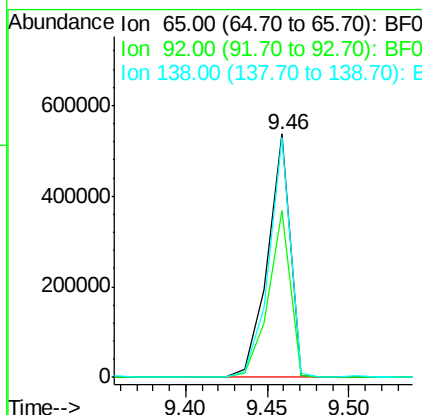
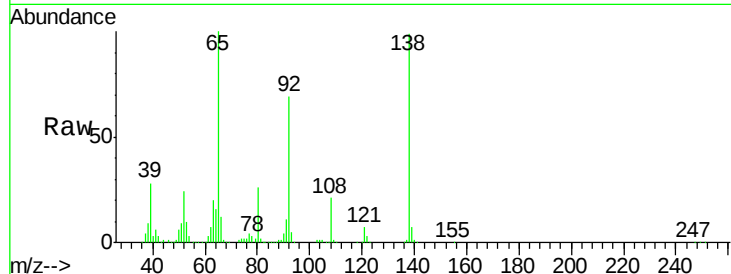
ClientSampleId :

SW002MS

Tot Ion:	65	Resp:	517862
Ion Ratio	Lower	Upper	
65	100		
92	68.5	53.4	80.2
138	98.6	71.1	106.7

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#48

Acenaphthylene

Concen: 50.82 ng

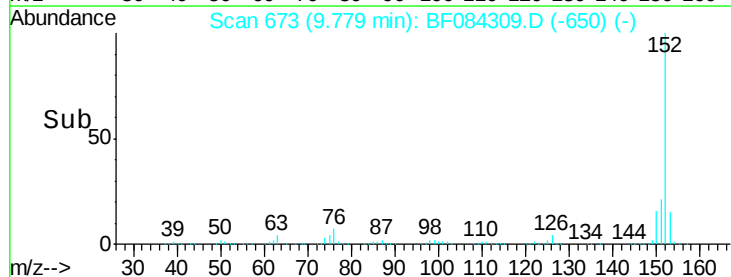
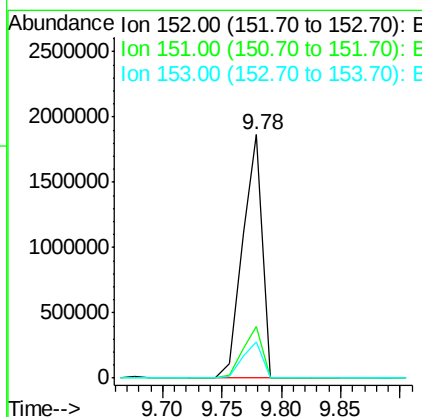
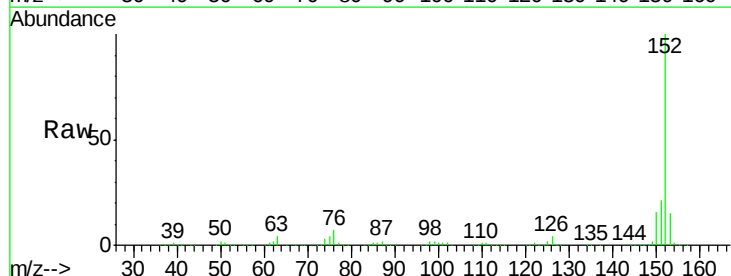
RT: 9.78 min Scan# 673

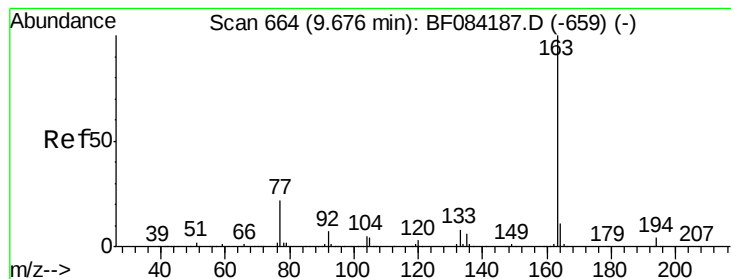
Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion:	152	Resp:	2126028
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.3	24.5
153	14.6	10.4	15.6





#49

Dimethylphthalate

Concen: 54.12 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleID :

SW002MS

Tot Ion:163 Resp: 1754870

Ion Ratio Lower Upper

163 100

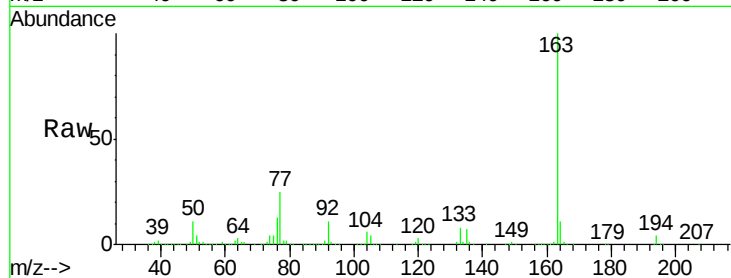
194 3.5 8.0 12.0#

164 11.1 8.0 12.0

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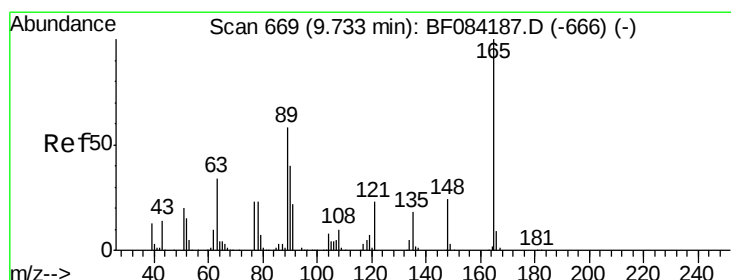
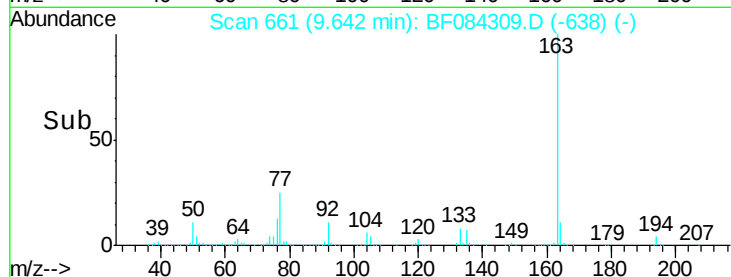
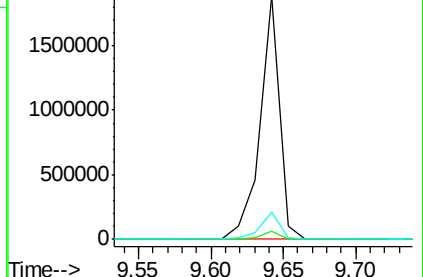
1/8/2016 10:42:56 AM



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: 45.82 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

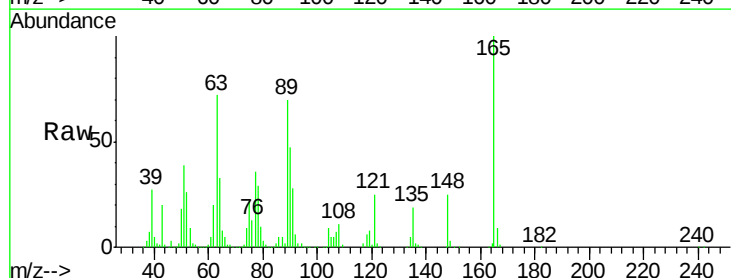
Tgt Ion:165 Resp: 325858

Ion Ratio Lower Upper

165 100

63 72.1 28.8 43.2#

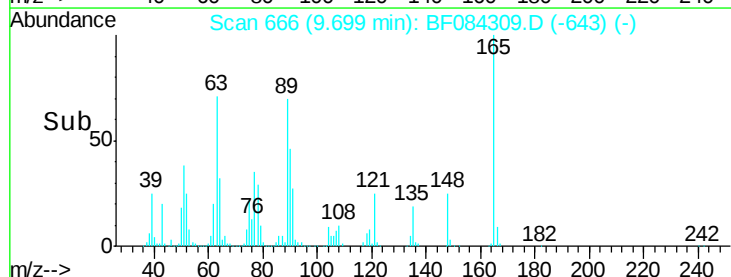
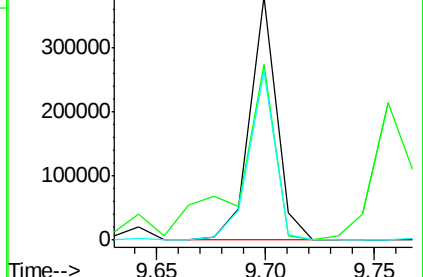
89 69.7 35.1 52.7#

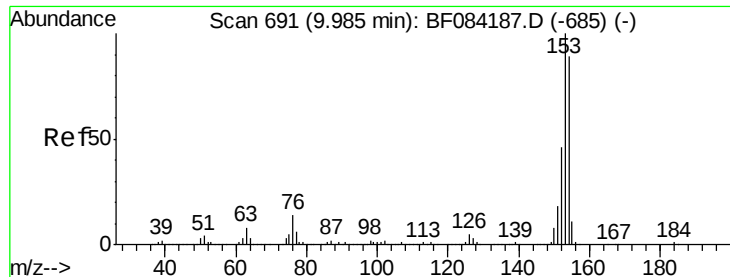


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 55.50 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampled :

SW002MS

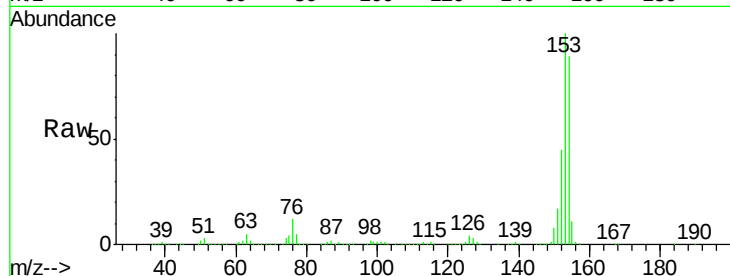
Tot Ion:154 Resp: 1557397

Ion	Ratio	Lower	Upper
154	100		
153	112.4	91.5	137.3
152	51.0	43.0	64.6

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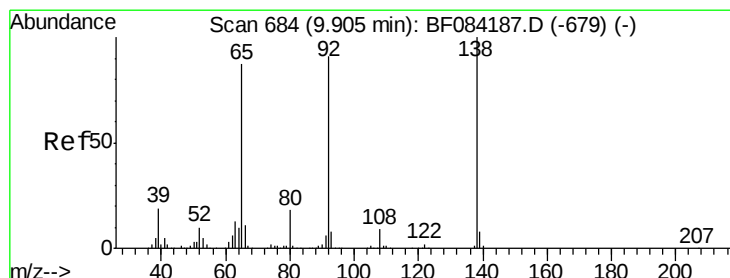
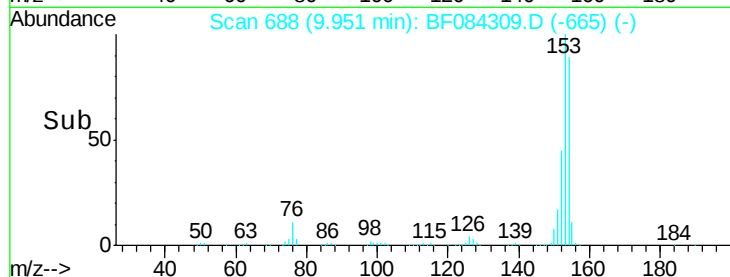
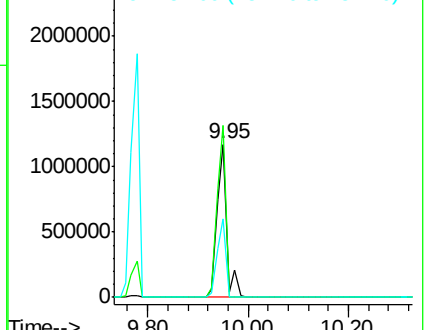


Abundance

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: 34.75 ng

RT: 9.87 min Scan# 681

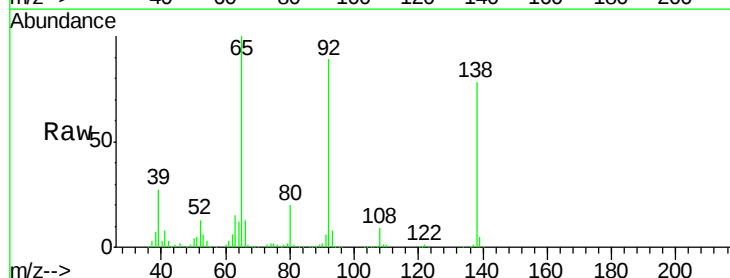
Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion:138 Resp: 306194

Ion	Ratio	Lower	Upper
138	100		
108	11.3	10.5	15.7
92	114.8	103.9	155.9

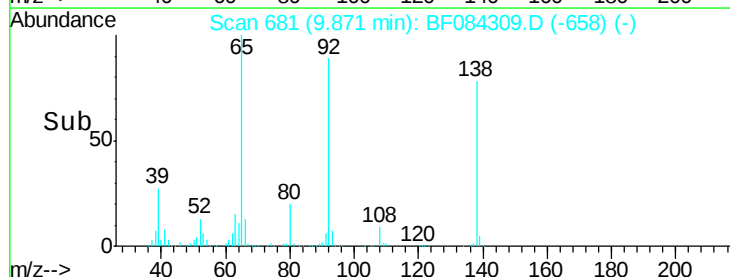
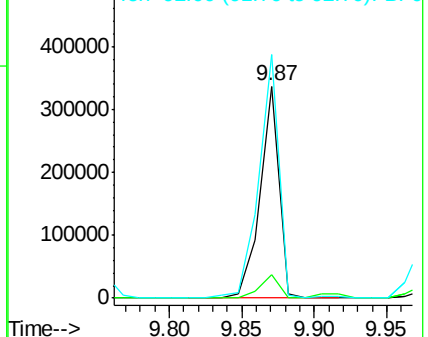


Abundance

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





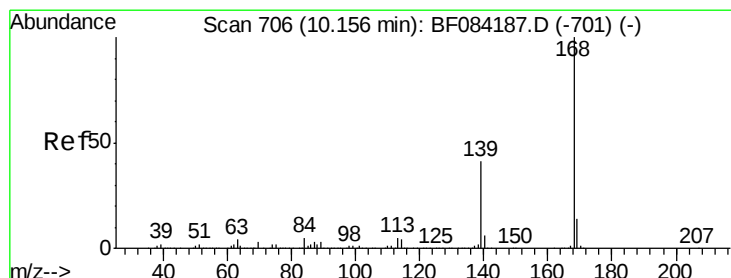
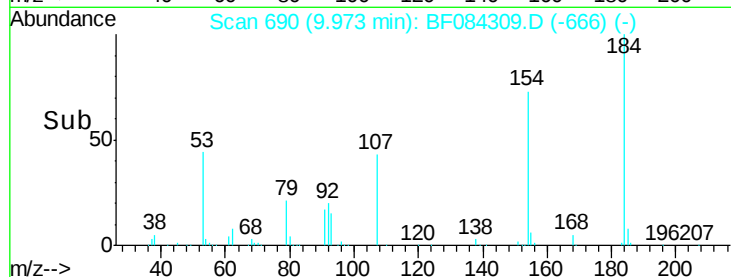
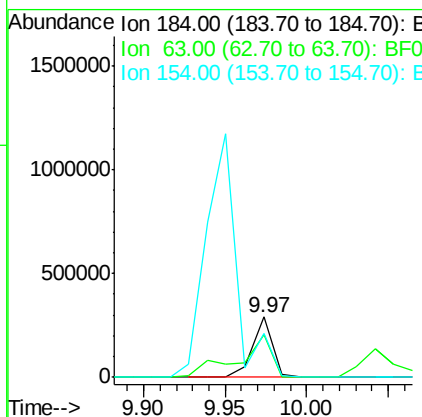
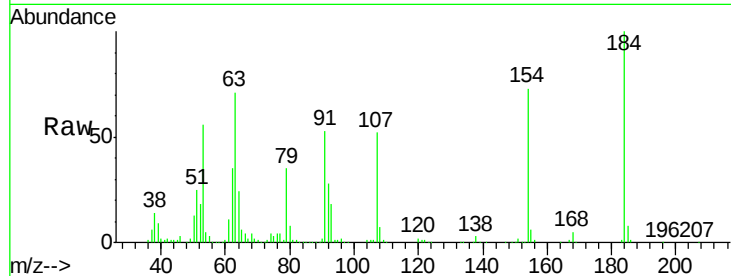
#53
2,4-Dinitrophenol
Concen: 81.77 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.02 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	247965		
63	70.8	43.1	64.7#	
154	73.5	60.5	90.7	

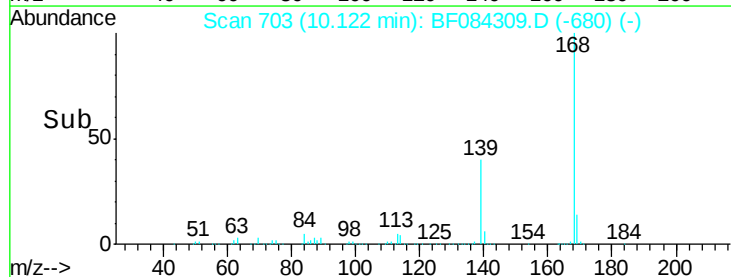
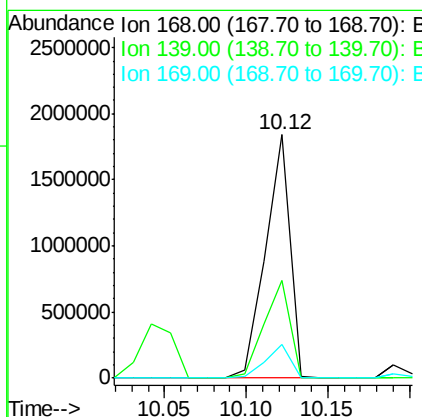
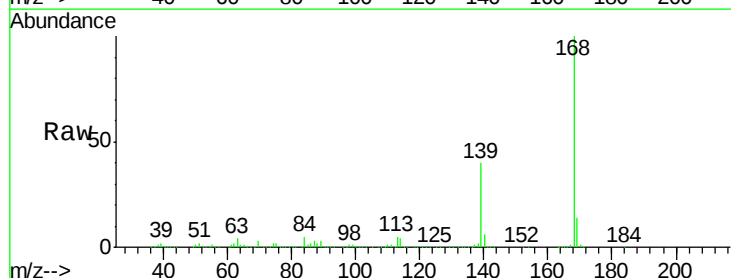
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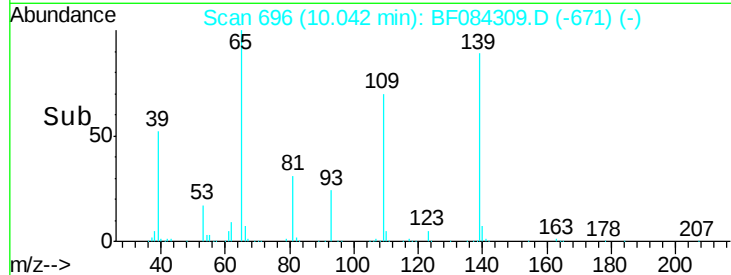
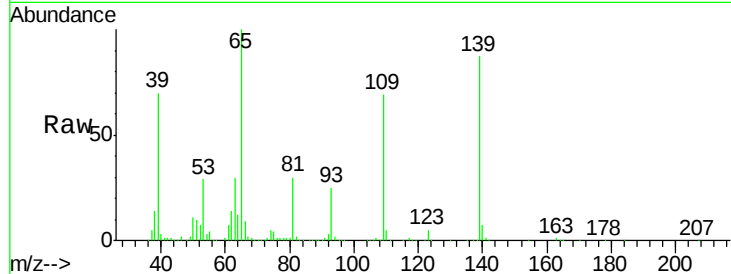
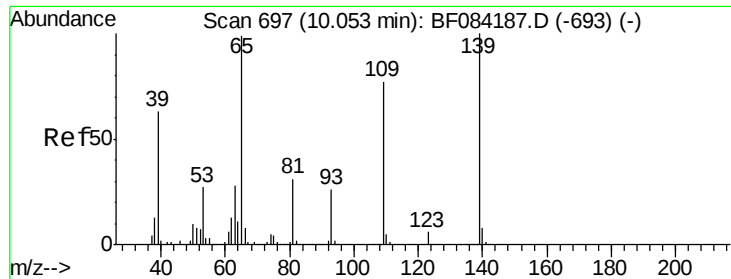
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#54
Dibenzofuran
Concen: 53.30 ng
RT: 10.12 min Scan# 703
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1917059		
139	40.3	30.5	45.7	
169	13.9	10.4	15.6	





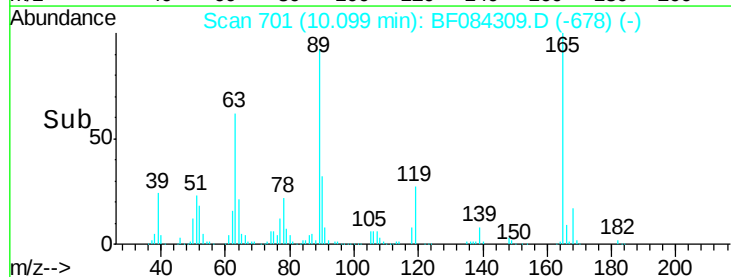
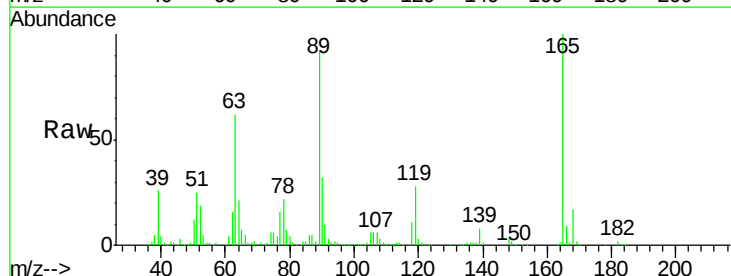
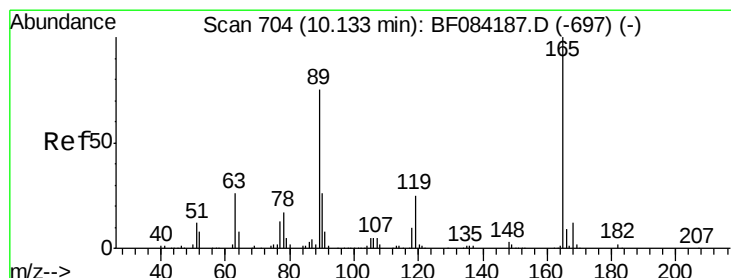
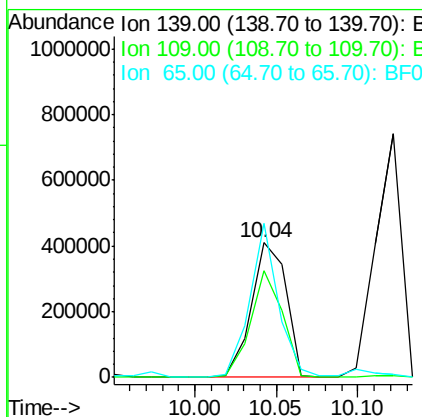
#55
4-Nitrophenol
Concen: 95.10 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampled :
SW002MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	608371		
109	79.1	58.5	98.5	
65	114.4	57.6	97.6	

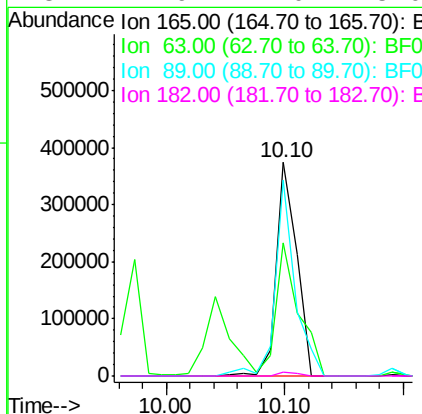
Manual Integrations
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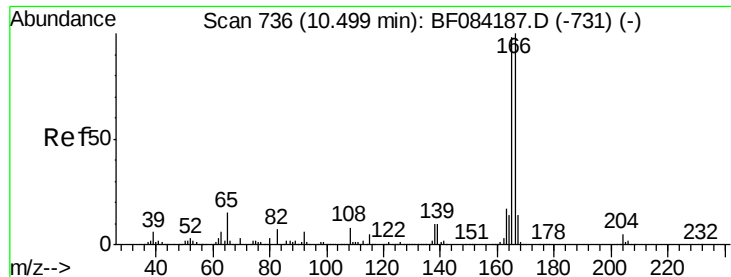
UMANGI
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#56
2,4-Dinitrotoluene
Concen: 48.90 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	440144		
63	62.2	36.7	55.1	
89	91.9	61.9	92.9	
182	1.9	2.0	3.0	





#57

Fluorene

Concen: 50.85 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

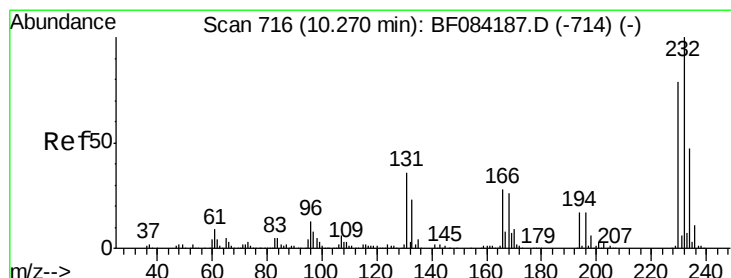
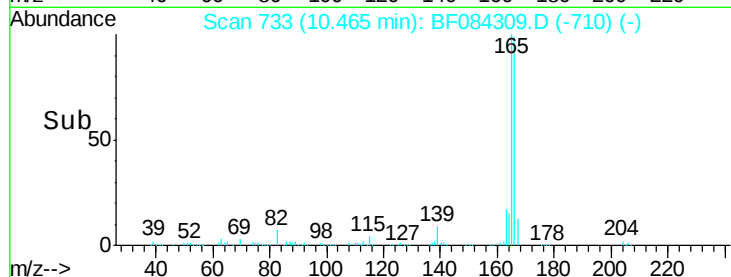
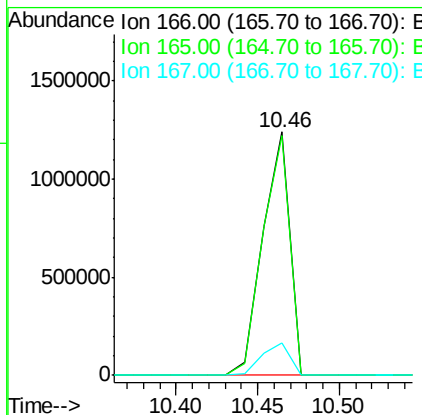
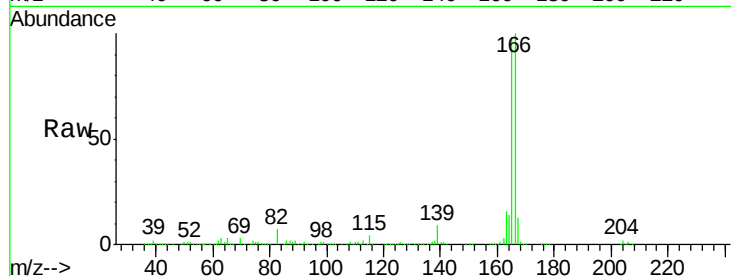
SW002MS

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Tot Ion:	166	Resp:	1420366
Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.1	118.7
167	13.2	10.4	15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.77 ng

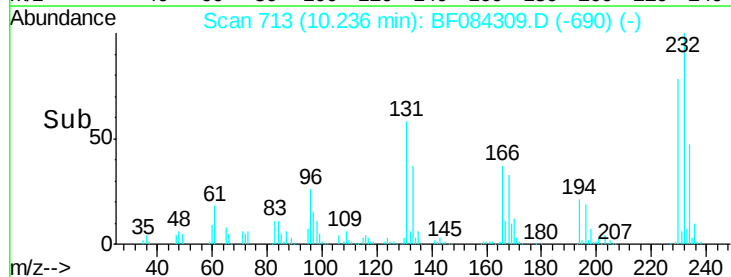
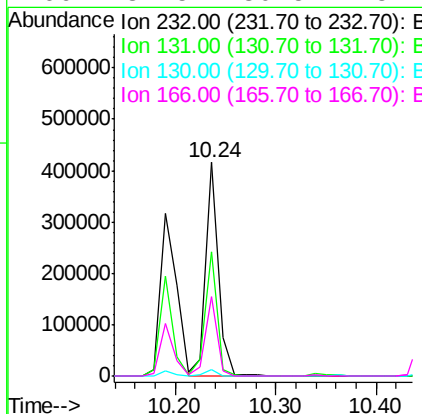
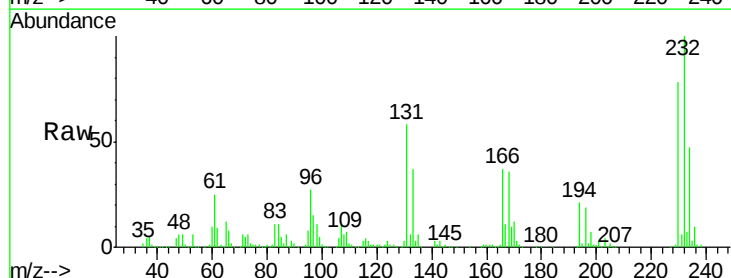
RT: 10.24 min Scan# 713

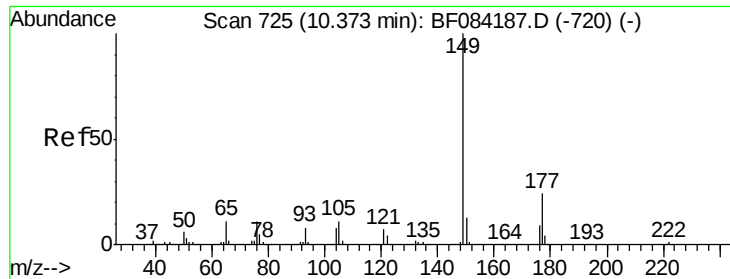
Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion:	232	Resp:	365479
Ion	Ratio	Lower	Upper
232	100		
131	53.9	47.0	70.6
130	2.9	2.0	3.0
166	34.5	30.5	45.7





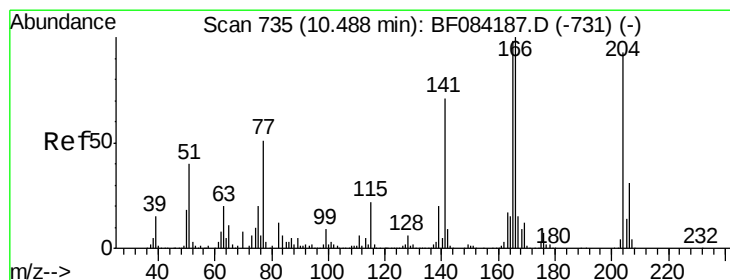
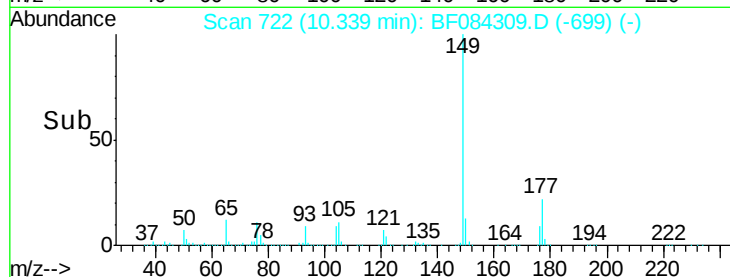
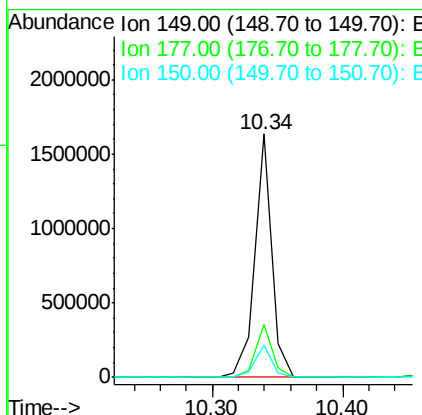
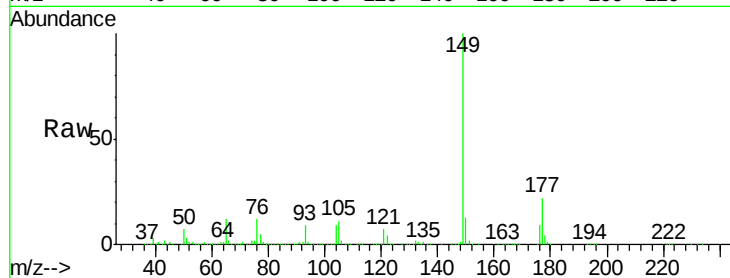
#59
Diethylphthalate
Concen: 46.30 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tot Ion:149 Resp: 1480219
Ion Ratio Lower Upper
149 100
177 21.8 17.3 25.9
150 13.3 9.8 14.8

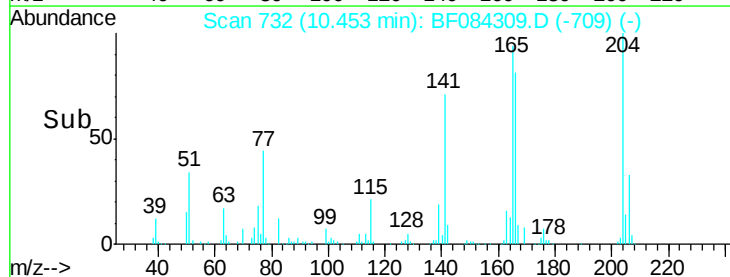
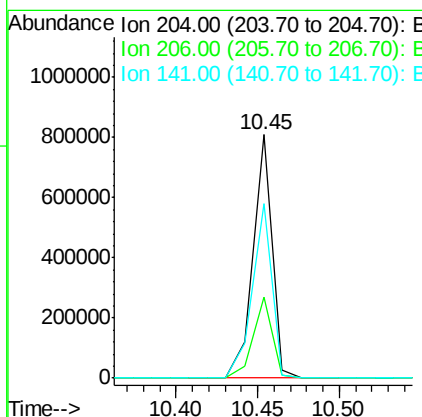
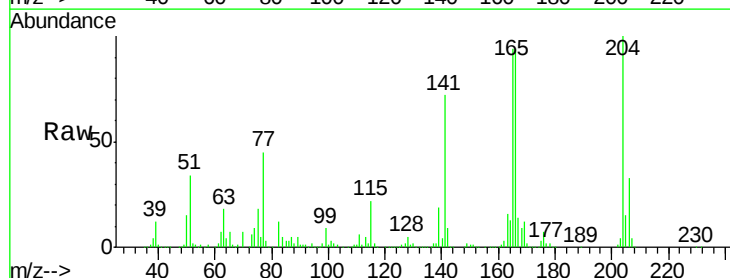
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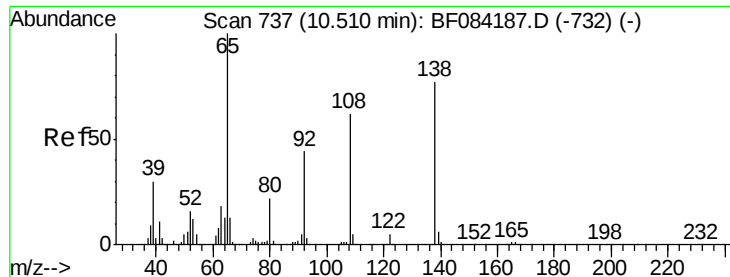
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#60
4-Chlorophenyl-phenylether
Concen: 57.79 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion:204 Resp: 658635
Ion Ratio Lower Upper
204 100
206 33.1 25.7 38.5
141 71.5 55.1 82.7





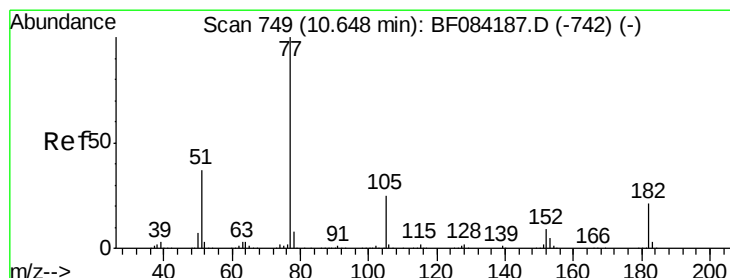
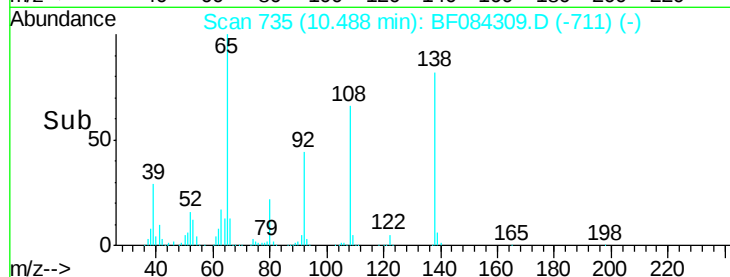
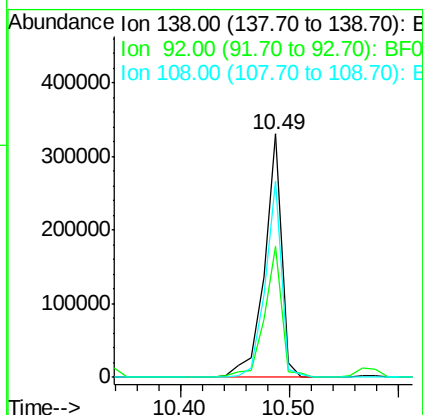
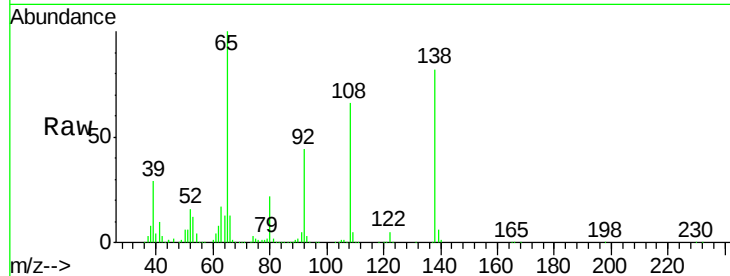
#61
4-Nitroaniline
Concen: 46.68 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.7	32.6	72.6
108	80.7	68.6	108.6

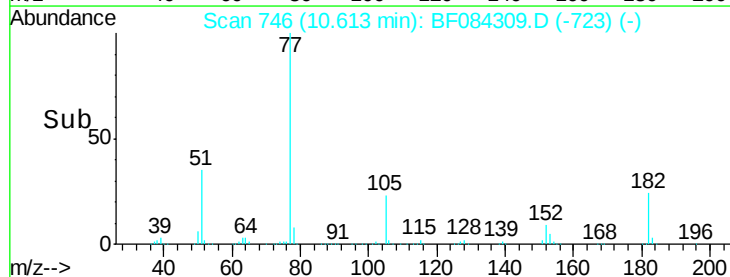
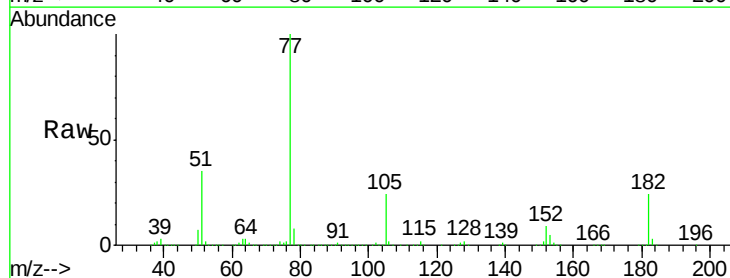
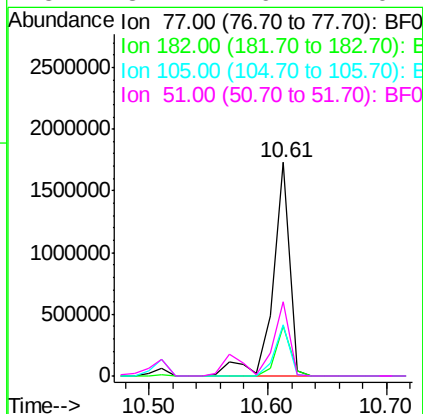
Manual Integrations
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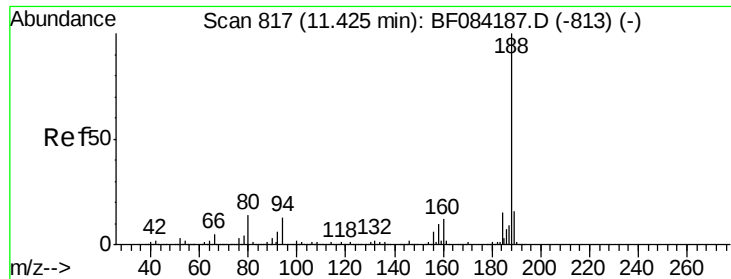
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#62
Azobenzene
Concen: 48.99 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.5	8.3	48.3
105	24.2	4.6	44.6
51	34.7	6.2	46.2





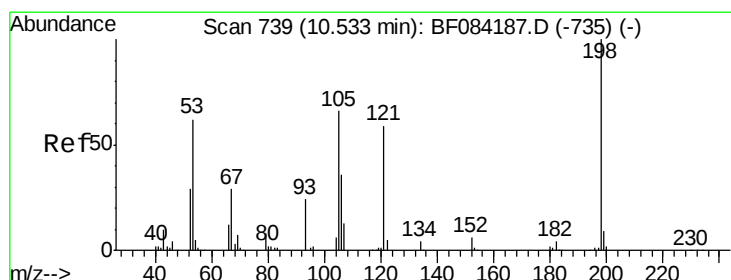
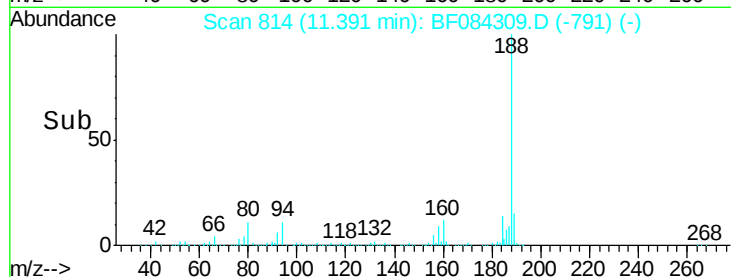
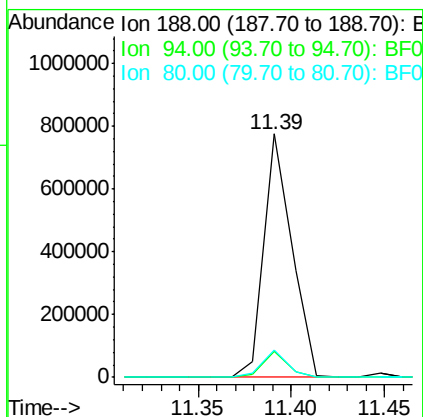
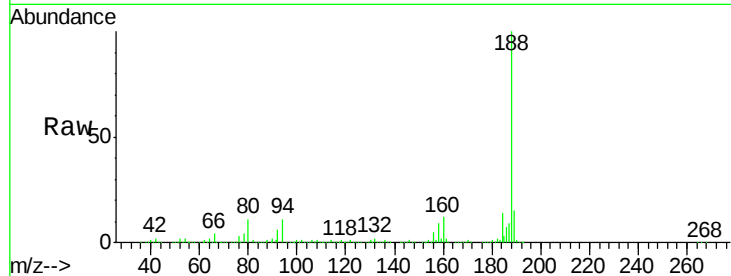
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampled :
SW002MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	805192		
94	10.8		9.0	13.4
80	11.4		9.6	14.4

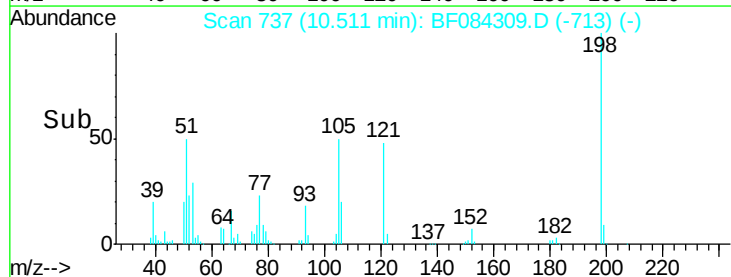
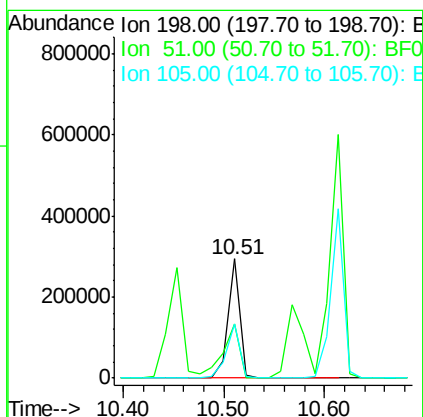
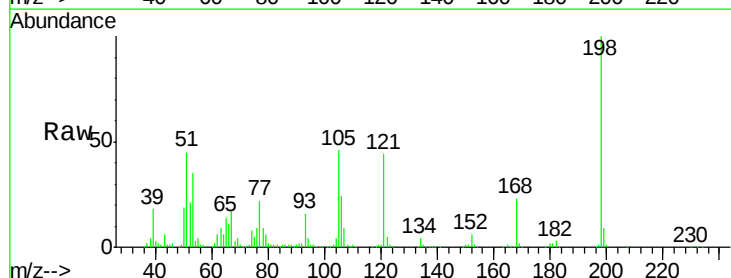
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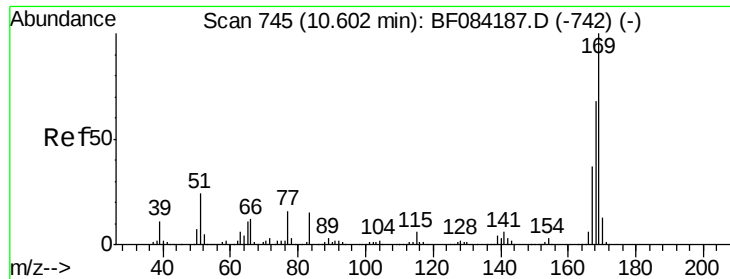
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#64
4,6-Dinitro-2-methylphenol
Concen: 49.82 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	242072		
51	45.4		18.9	58.9
105	45.9		26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 50.75 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.02 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

Tot Ion:169 Resp: 1306441

Ion Ratio Lower Upper

169 100

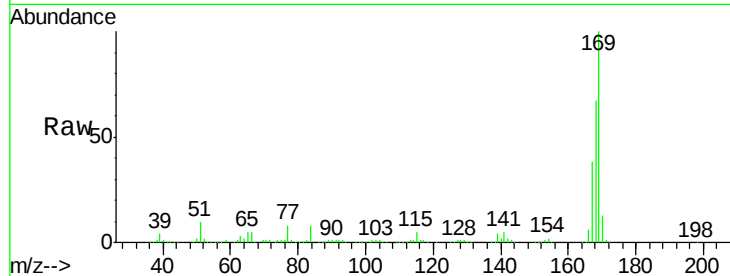
168 67.1 55.1 82.7

167 37.6 30.0 45.0

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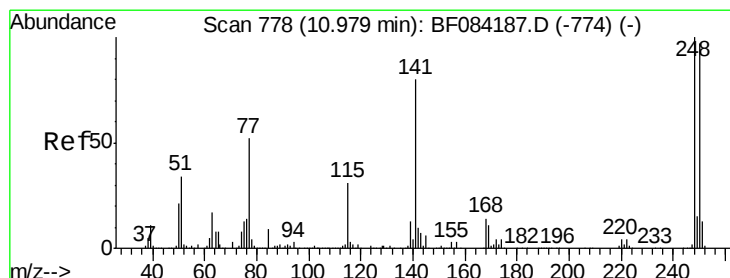
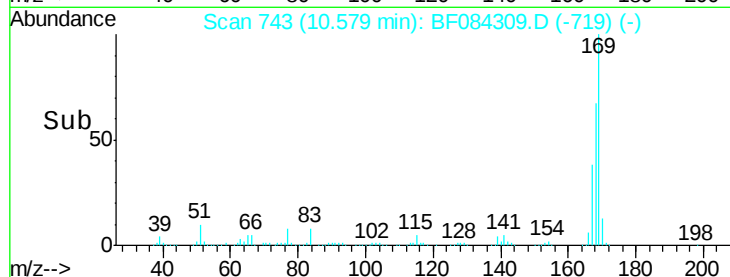
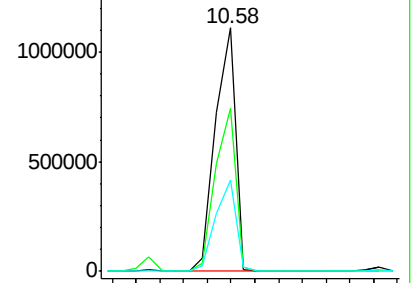
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Abundance Ion 169.00 (168.70 to 169.70): E

1500000 Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 52.40 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

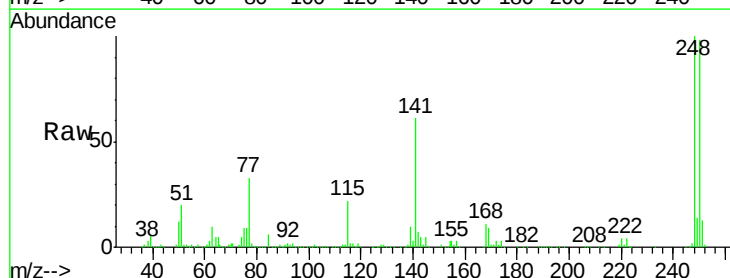
Tgt Ion:248 Resp: 454147

Ion Ratio Lower Upper

248 100

250 97.7 78.4 117.6

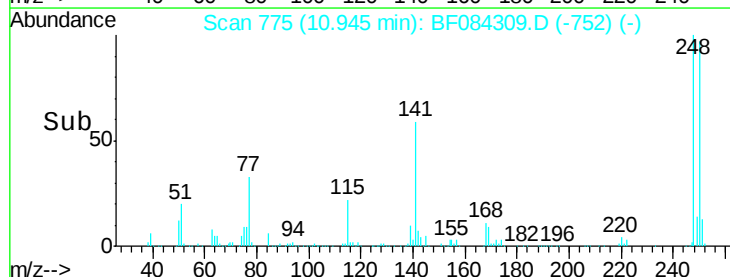
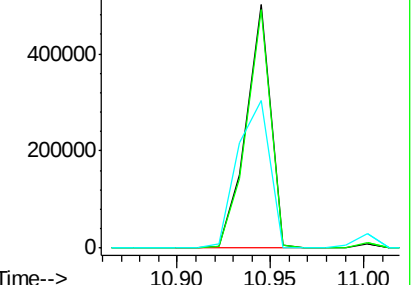
141 60.7 44.0 66.0

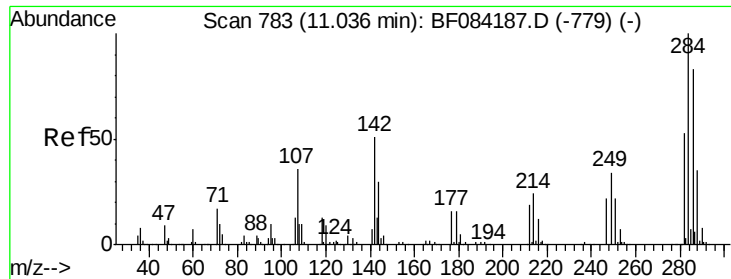


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





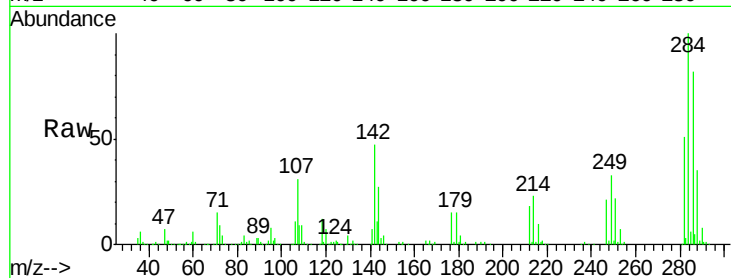
#67
Hexachlorobenzene
Concen: 44.04 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

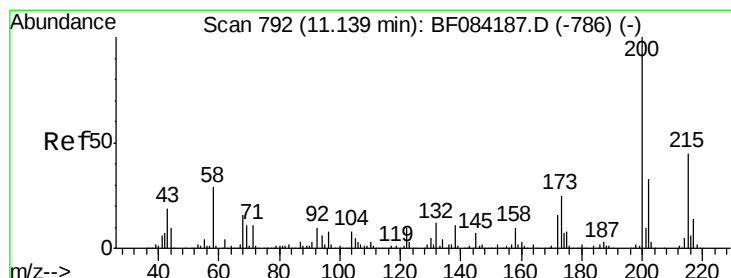
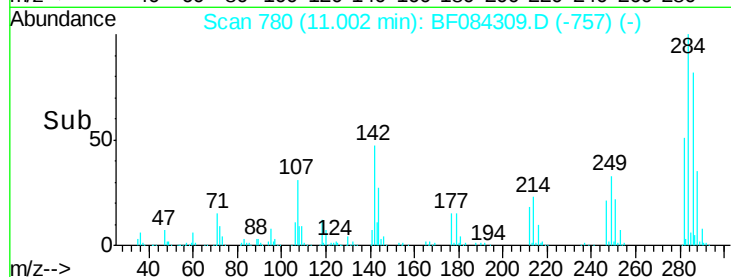
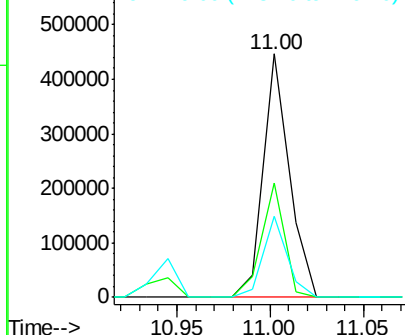
Tot Ion	Ratio	Resp	Lower	Upper
284	100	429536		
142	47.1	22.2	33.4#	
249	33.1	24.6	37.0	

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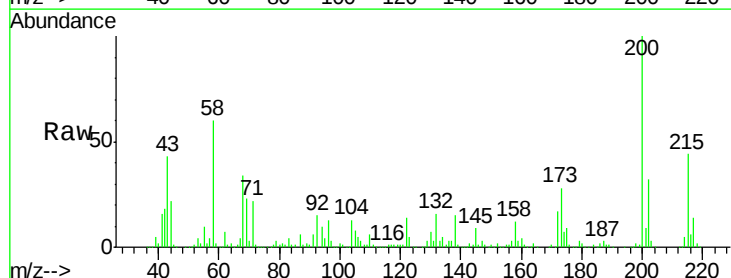


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

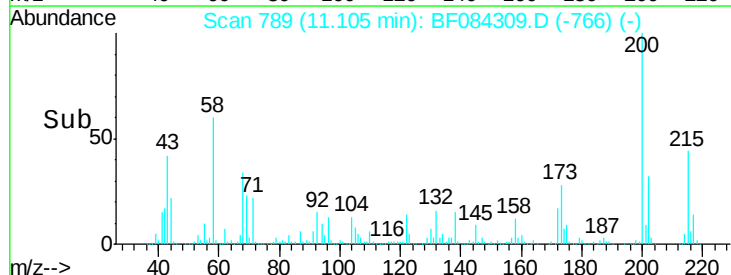
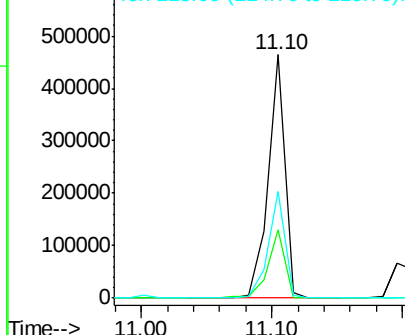


#68
Atrazine
Concen: 49.64 ng
RT: 11.10 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	418214		
173	27.8	9.5	49.5	
215	44.0	23.8	63.8	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





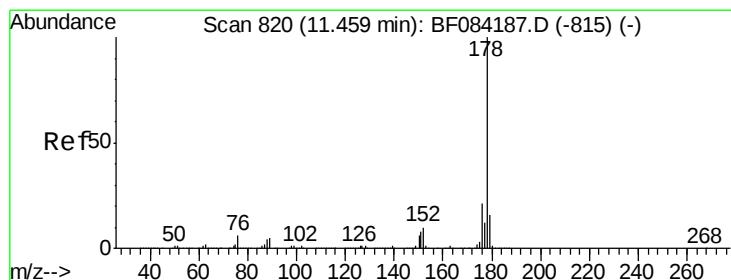
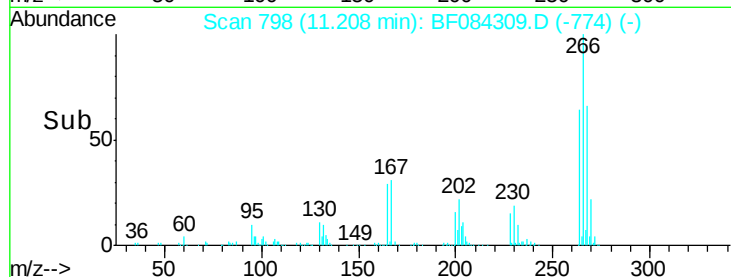
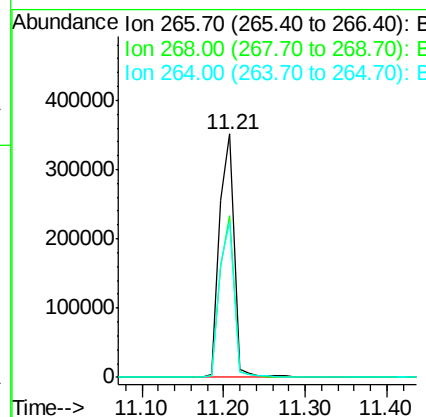
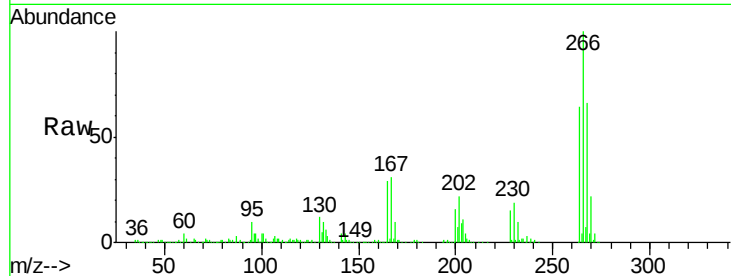
#69
 Pentachlorophenol
 Concen: 87.07 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	440401		
268	66.4	52.4	78.6	
264	63.8	50.2	75.2	

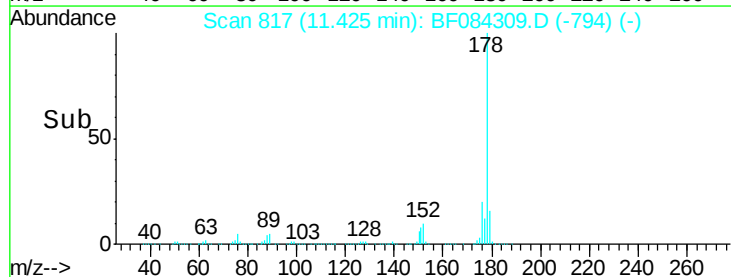
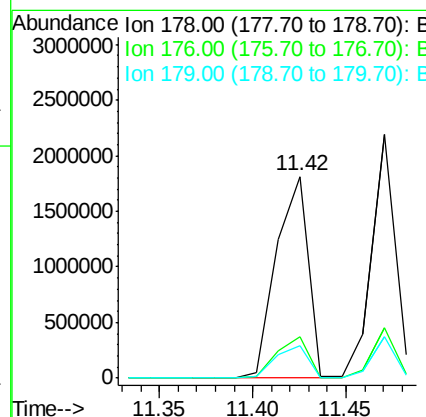
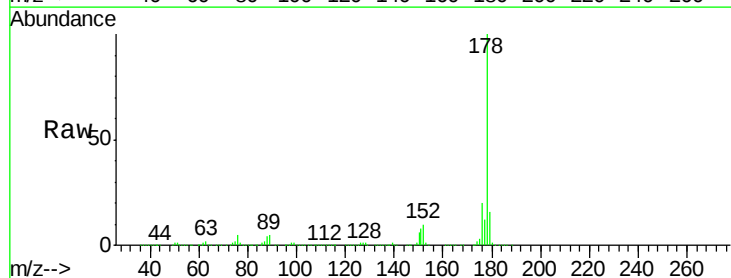
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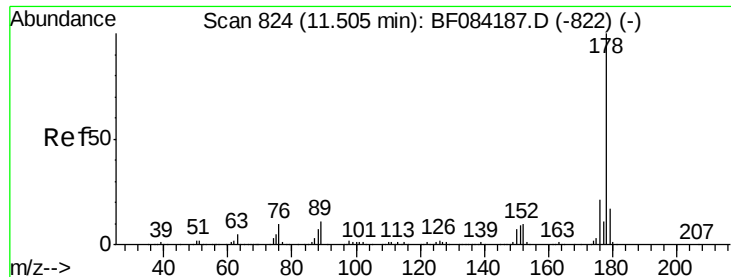
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#70
 Phenanthrene
 Concen: 51.04 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	2149509		
176	20.5	15.3	22.9	
179	16.0	12.0	18.0	





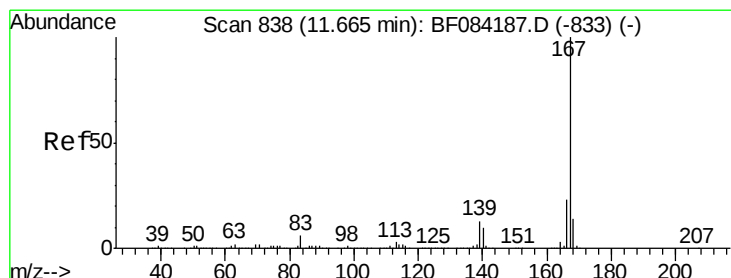
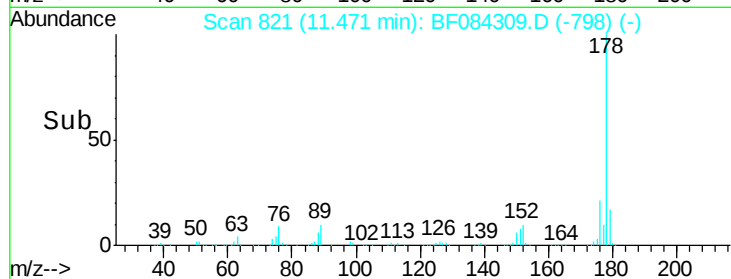
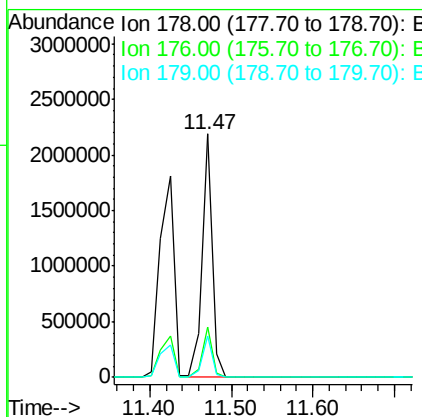
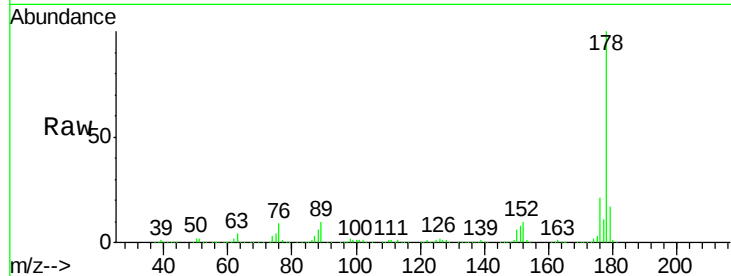
#71
 Anthracene
 Concen: 46.64 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Tot Ion:178 Resp: 1925669
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.4 23.0
 179 16.8 12.5 18.7

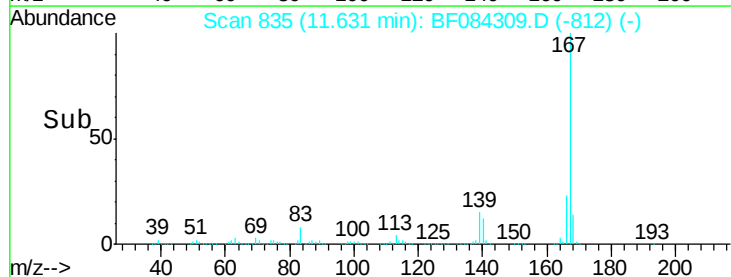
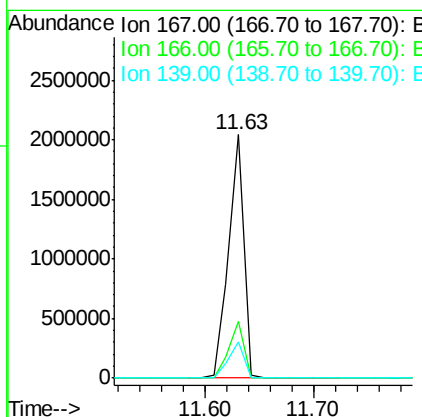
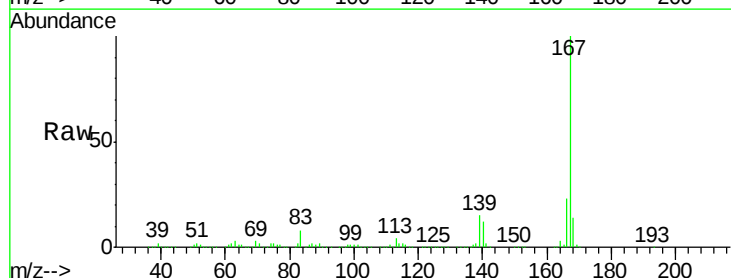
Manual Integrations
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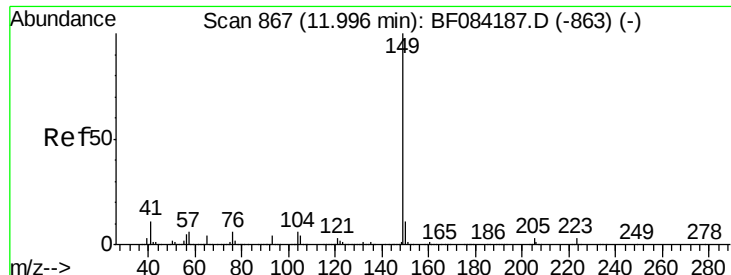
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#72
 Carbazole
 Concen: 49.12 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion:167 Resp: 1982832
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.6 26.4
 139 15.1 11.8 17.8





#73

Di-n-butylphthalate

Concen: 58.97 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

Tot Ion:149 Resp: 2344138

Ion Ratio Lower Upper

149 100

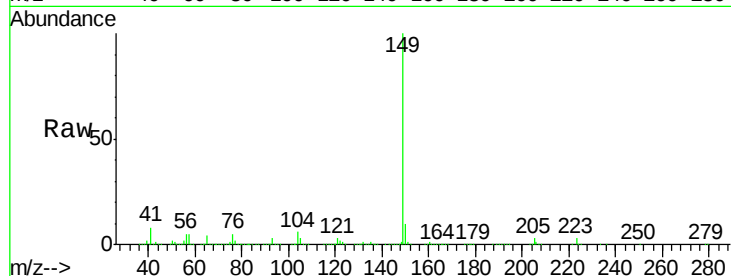
150 10.4 7.1 10.7

104 5.9 3.2 4.8#

Manual Integrations
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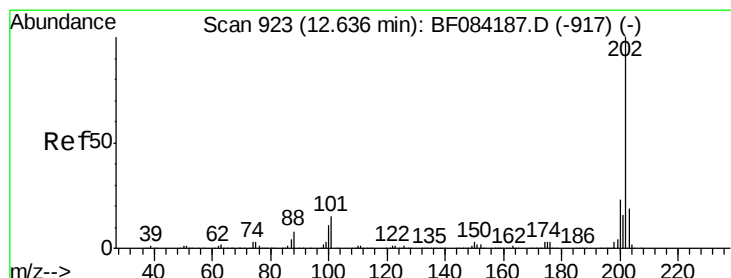
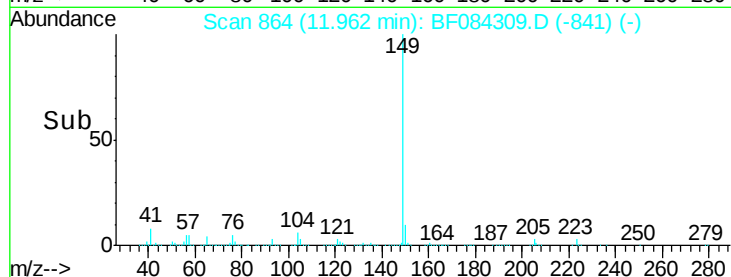
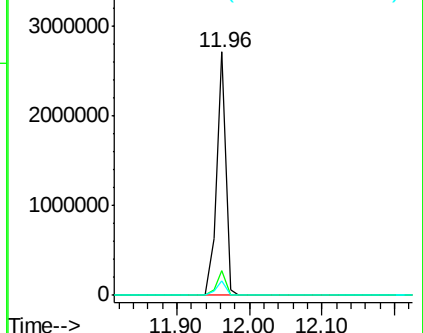
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.11 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

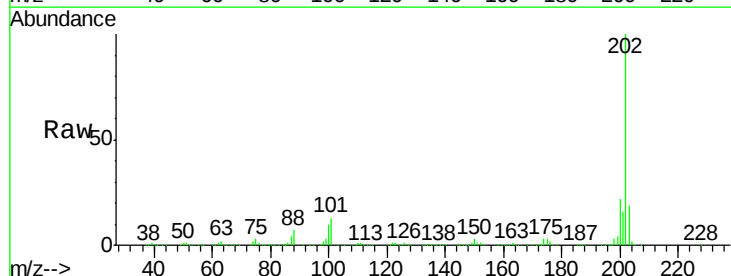
Tgt Ion:202 Resp: 1940879

Ion Ratio Lower Upper

202 100

101 13.1 0.0 32.8

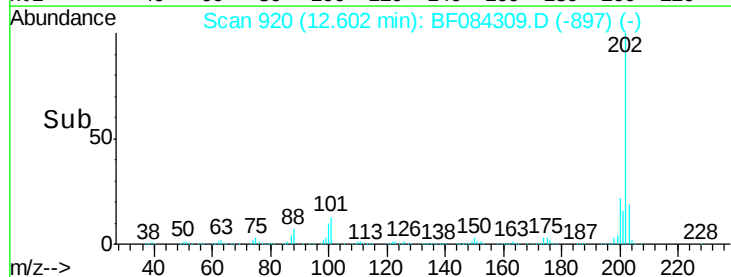
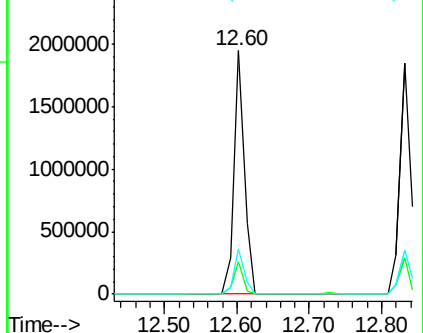
203 18.7 0.0 37.9

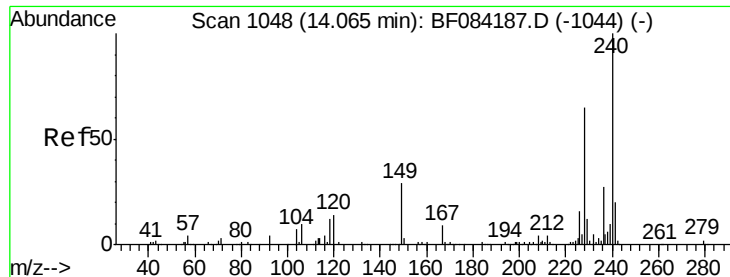


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

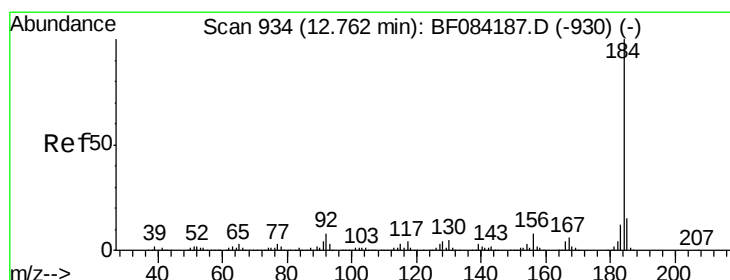
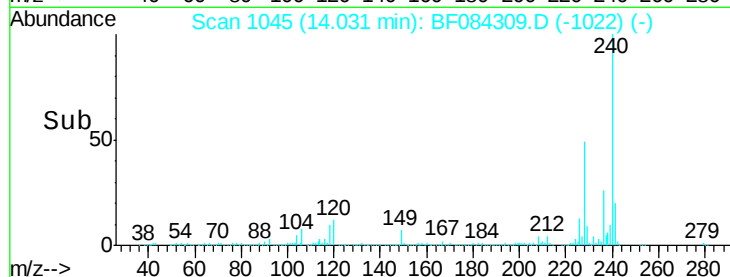
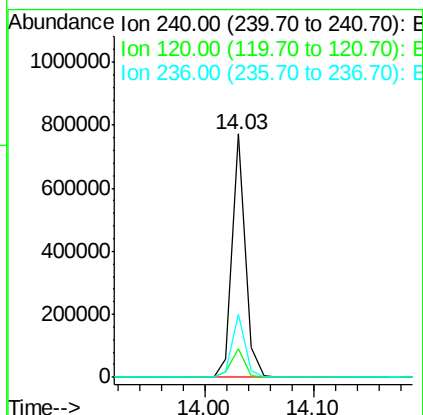
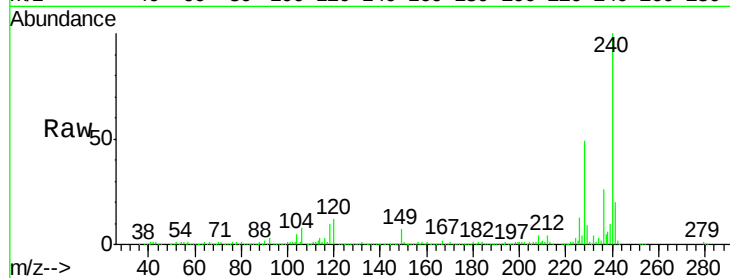
ClientSampleId :

SW002MS

Tot Ion:	240	Resp:	644022
Ion Ratio	Lower	Upper	
240	100		
120	11.9	9.5	14.3
236	26.1	20.6	31.0

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#76

Benzidine

Concen: 40.83 ng

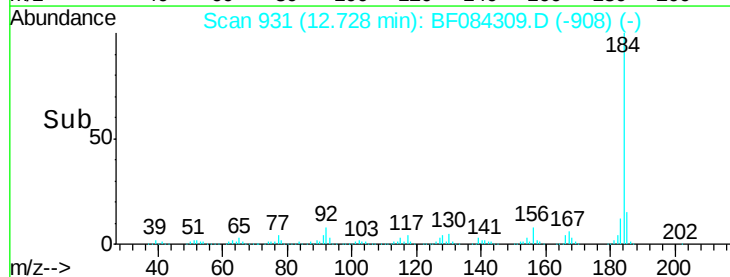
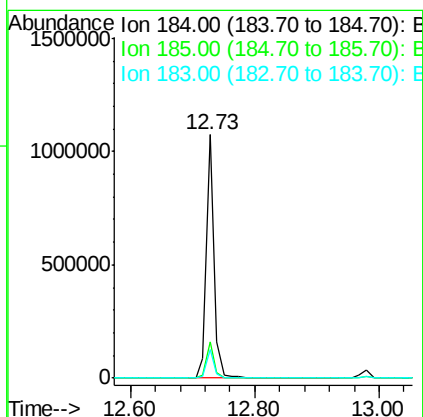
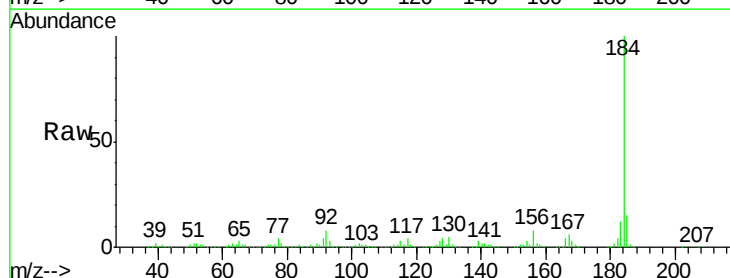
RT: 12.73 min Scan# 931

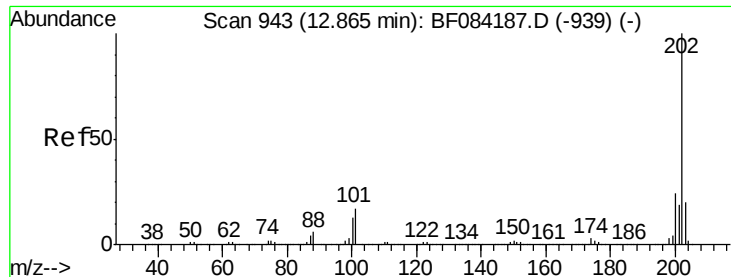
Delta R.T. -0.03 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Tgt Ion:	184	Resp:	942837
Ion Ratio	Lower	Upper	
184	100		
185	14.7	12.2	18.2
183	11.7	9.8	14.8





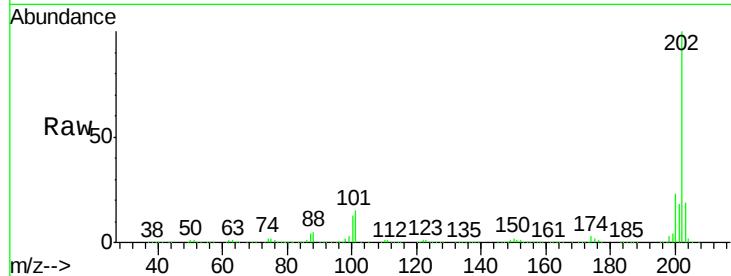
#77
Pvrene
Concen: 38.98 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.2	25.8
203	18.8	14.3	21.5

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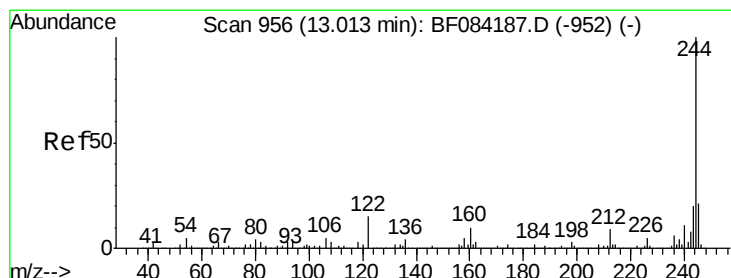
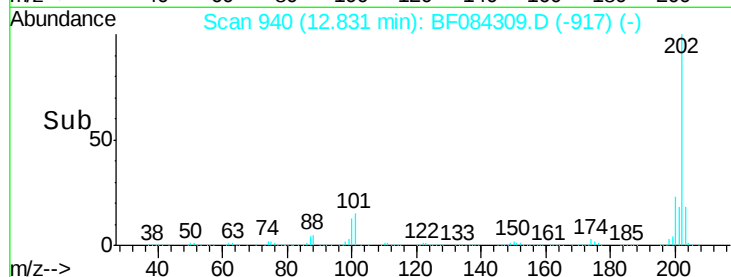
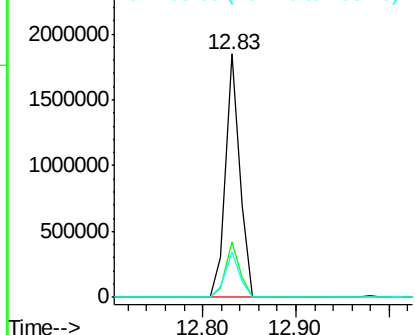


Abundance

Ion 202.00 (201.70 to 202.70): E

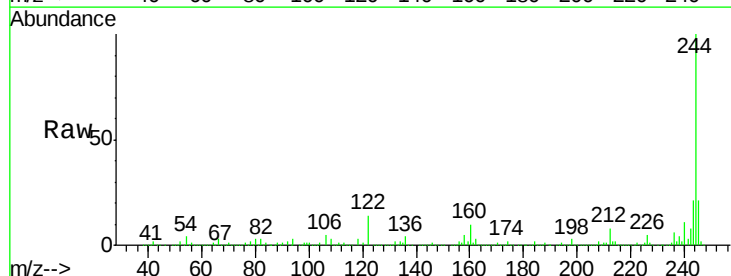
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 75.56 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.7	8.5
122	14.1	7.4	11.0

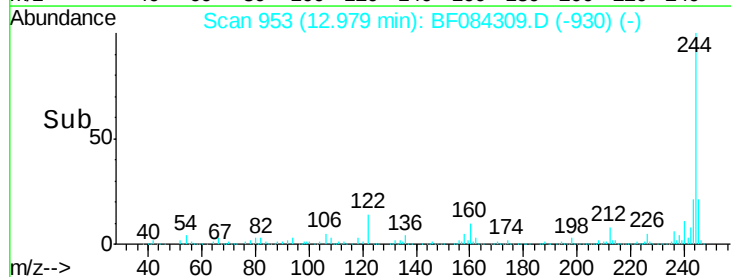
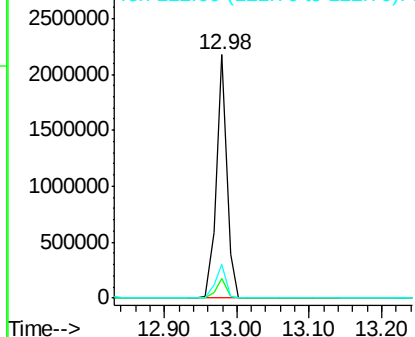


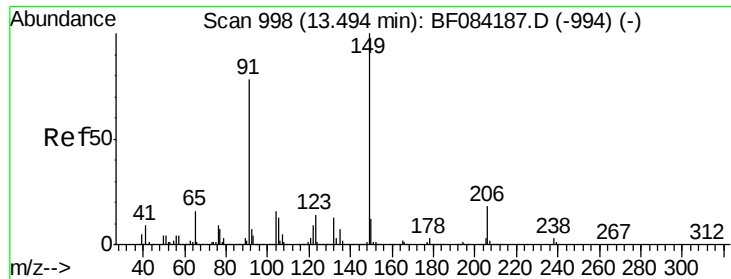
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





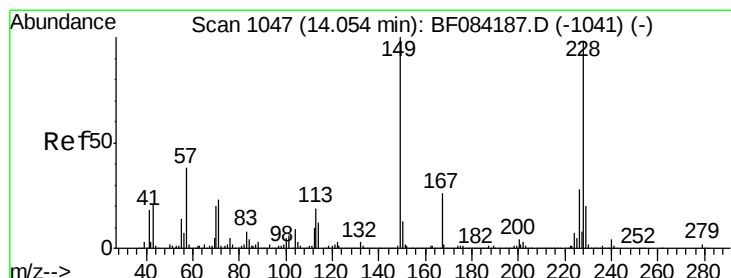
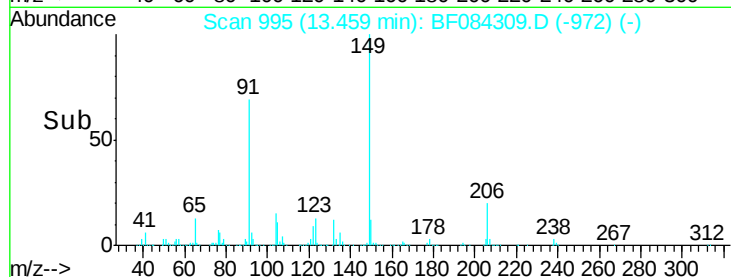
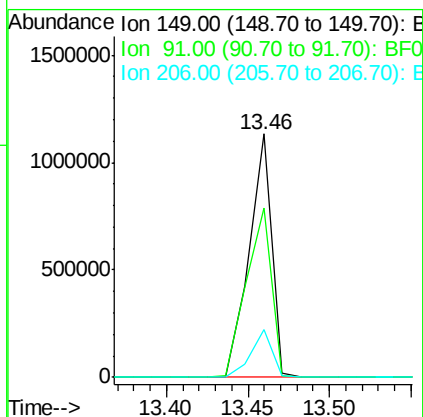
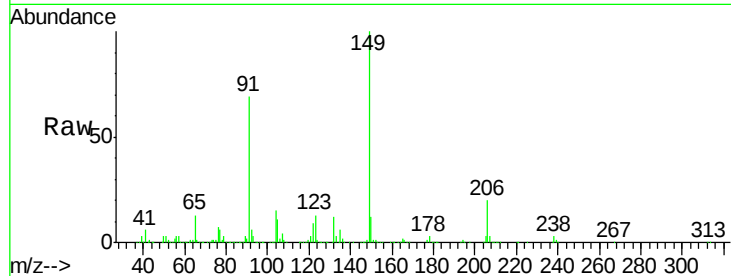
#79
Butylbenzylphthalate
Concen: 49.57 ng
RT: 13.46 min Scan# 995
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tot Ion	Ion	Ratio	Lower	Upper
149	100			
91	69.5	57.6	86.4	
206	19.5	13.2	19.8	

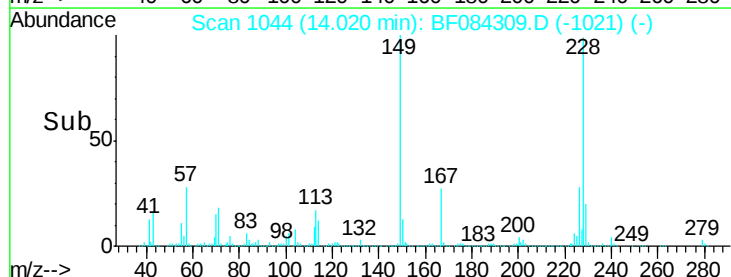
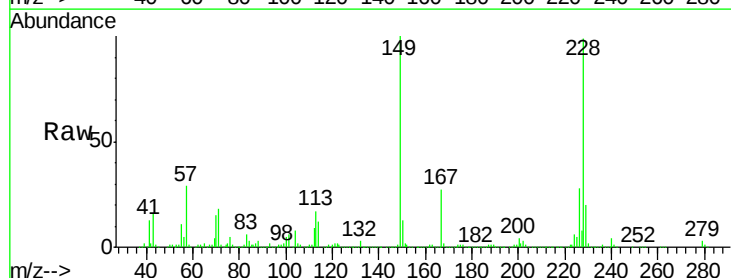
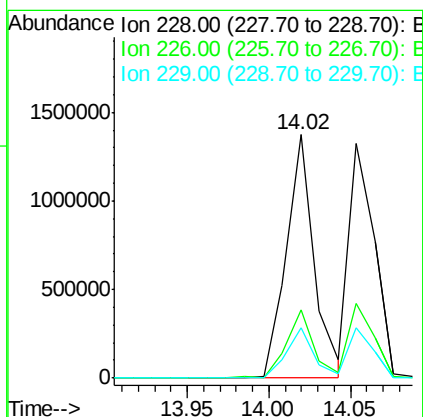
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#80
Benzo(a)anthracene
Concen: 43.37 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion	Ion	Ratio	Lower	Upper
228	100			
226	28.0	21.8	32.6	
229	20.5	15.8	23.8	





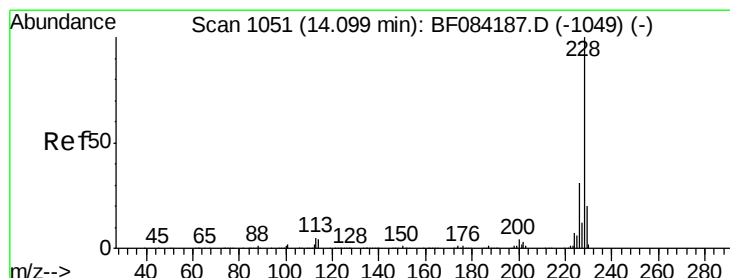
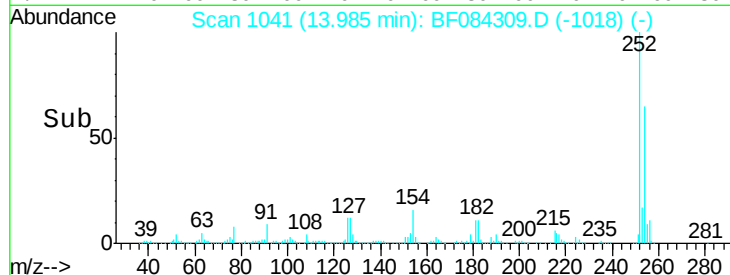
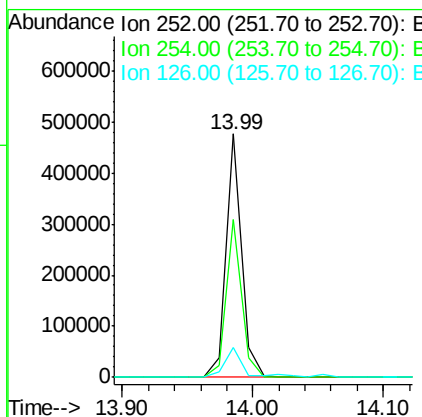
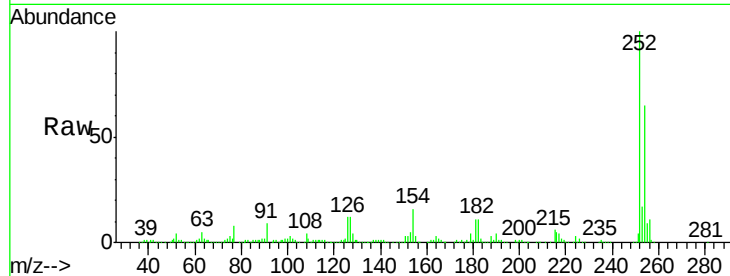
#81
 3,3'-Dichlorobenzidine
 Concen: 30.15 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.9	53.5	80.3
126	12.5	4.9	7.3

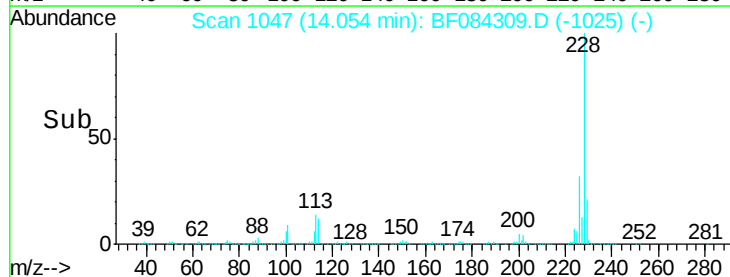
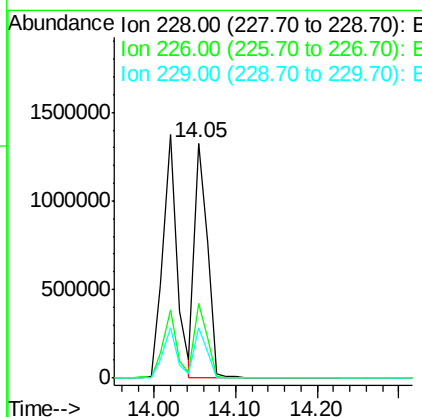
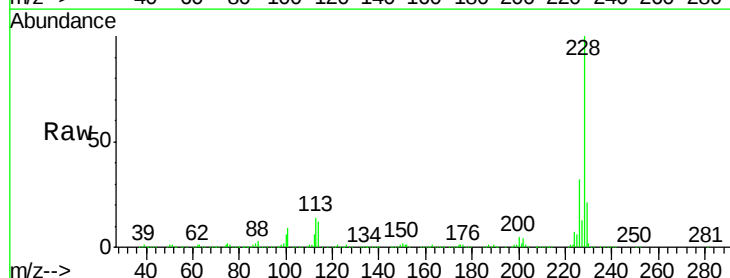
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#82
 Chrysene
 Concen: 40.53 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.05 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.8	24.3	36.5
229	21.3	16.1	24.1





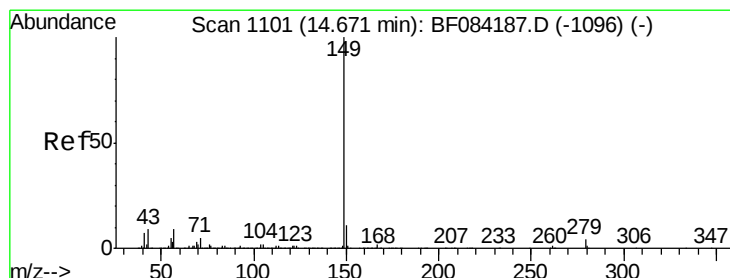
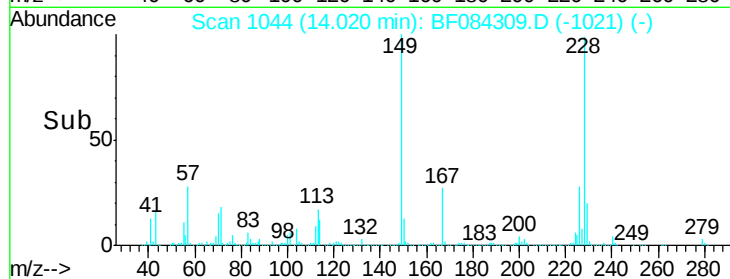
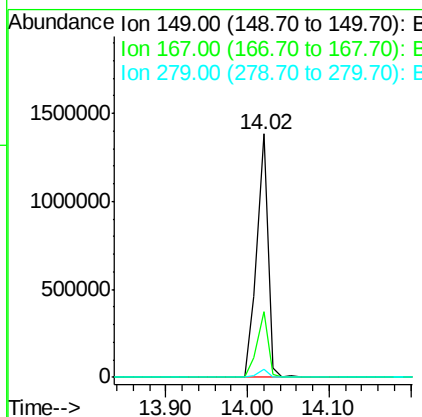
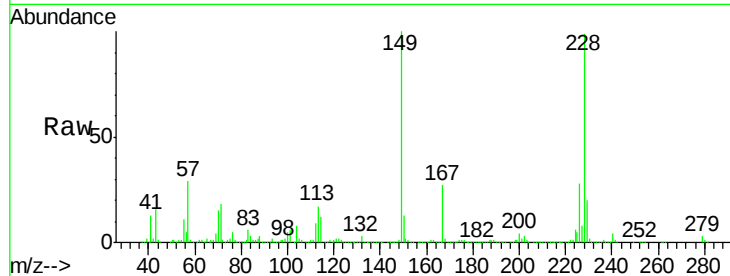
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.61 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.03 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Tot Ion:149 Resp: 1315438
 Ion Ratio Lower Upper
 149 100
 167 26.9 19.7 29.5
 279 3.4 1.8 2.6#

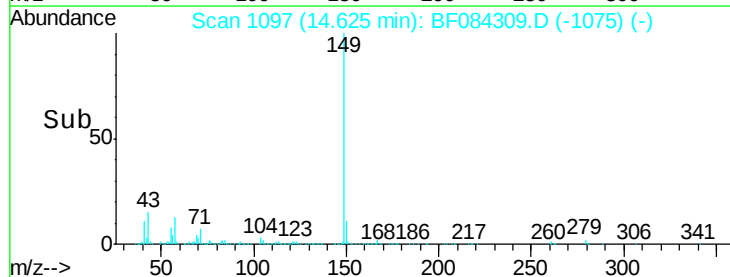
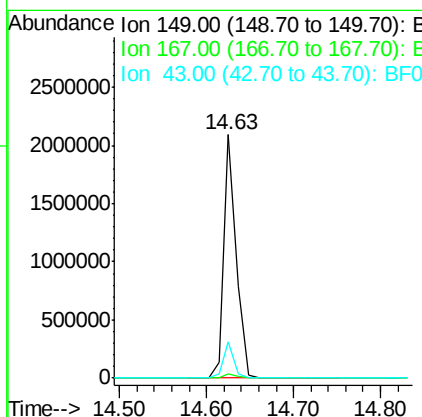
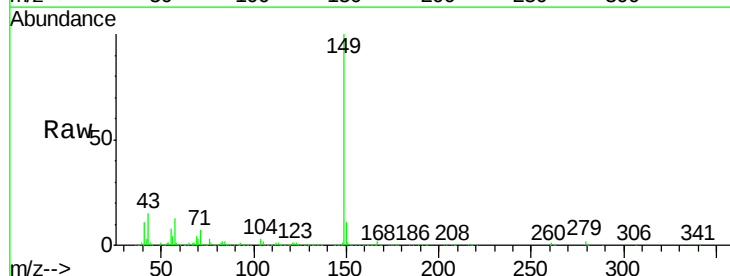
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#84
 Di-n-octyl phthalate
 Concen: 44.84 ng
 RT: 14.63 min Scan# 1097
 Delta R.T. -0.05 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Tgt Ion:149 Resp: 2091461
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.8 5.6 8.4#





#85

Indeno(1,2,3-cd)pyrene

Concen: 51.54 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.06 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

Instrument :

BNA_F

ClientSampleId :

SW002MS

Tot Ion:276 Resp: 1484475

Ion Ratio Lower Upper

276 100

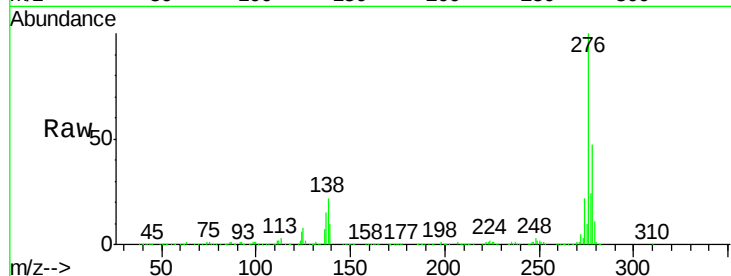
138 25.1 20.6 30.8

277 25.0 20.1 30.1

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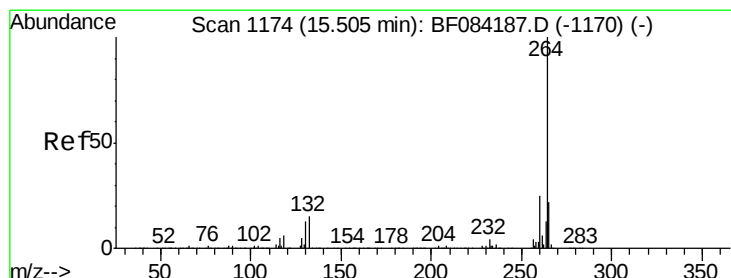
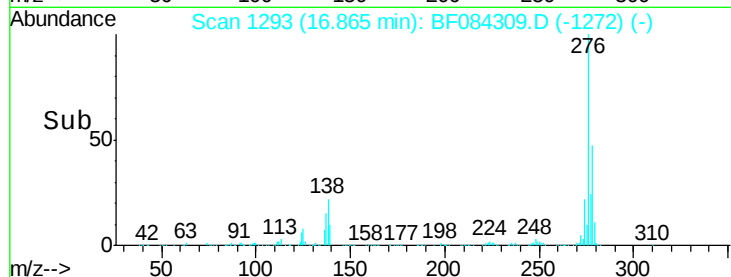
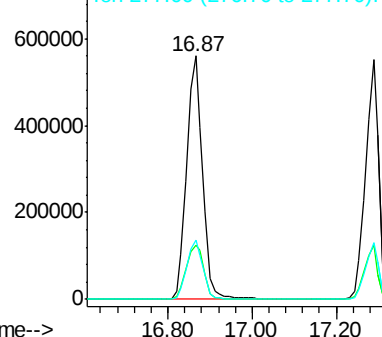
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.46 min Scan# 1170

Delta R.T. -0.05 min

Lab File: BF084309.D

Acq: 7 Jan 2016 17:01

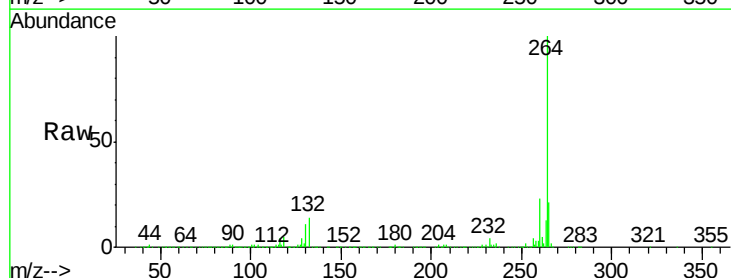
Tgt Ion:264 Resp: 518969

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.2

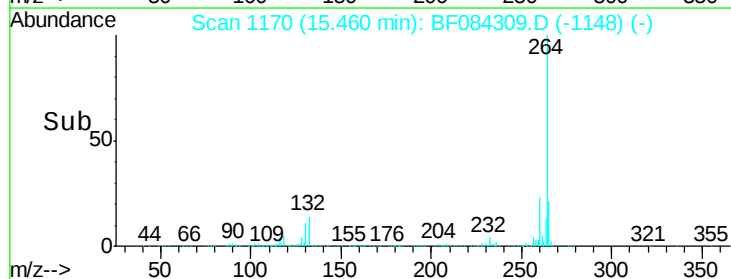
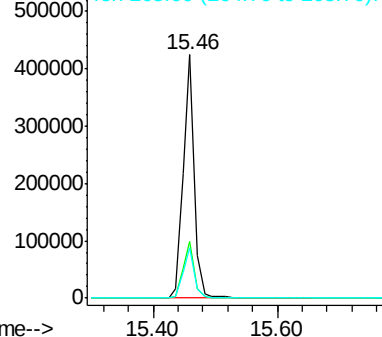
265 20.9 17.8 26.6

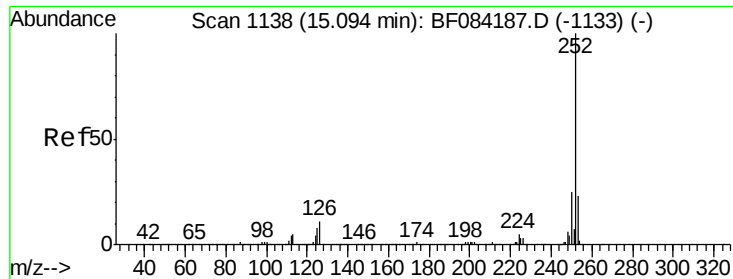


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





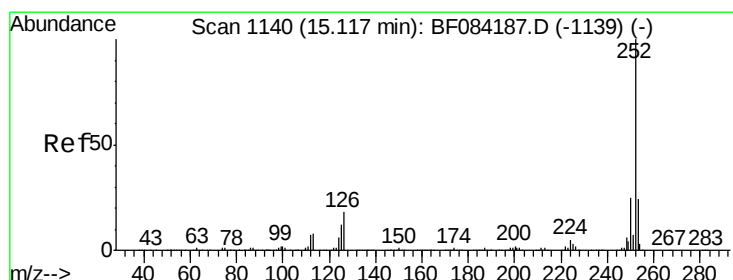
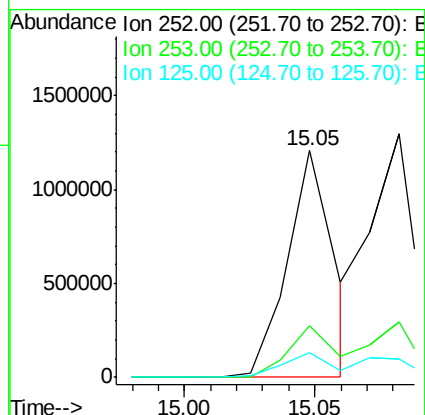
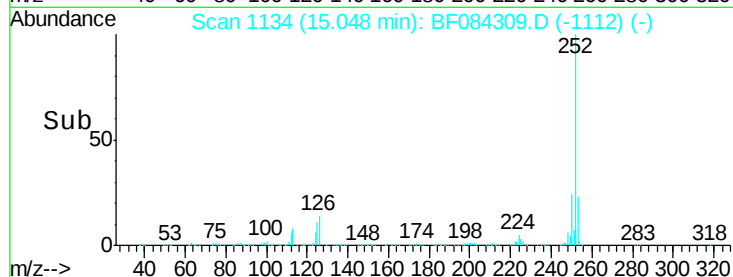
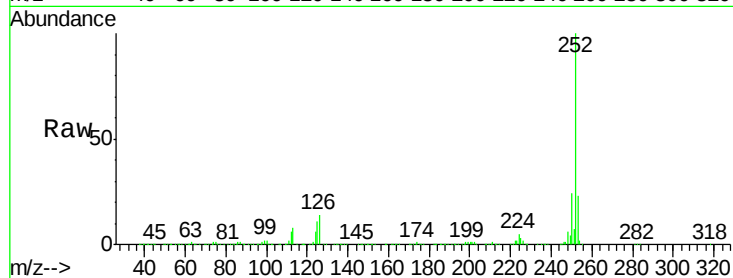
#87
Benzo(b)fluoranthene
Concen: 43.67 ng
RT: 15.05 min Scan# 1134
Delta R.T. -0.05 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tot Ion:252 Resp: 1482573
Ion Ratio Lower Upper
252 100
253 22.6 17.3 25.9
125 10.7 6.5 9.7#

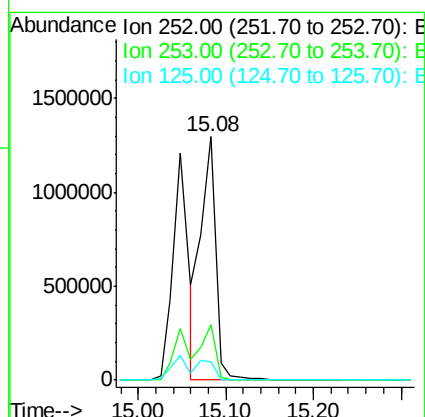
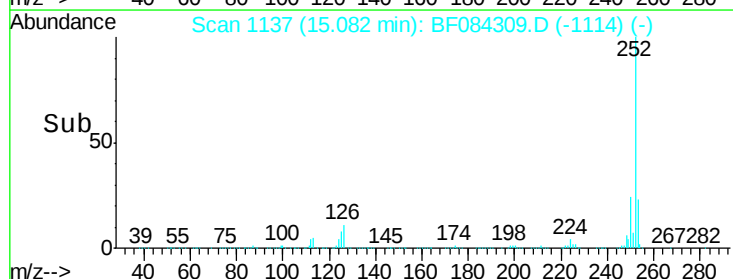
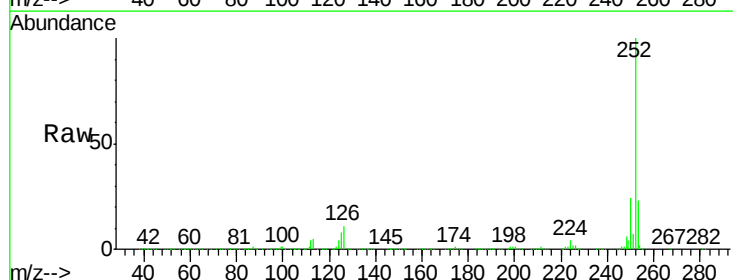
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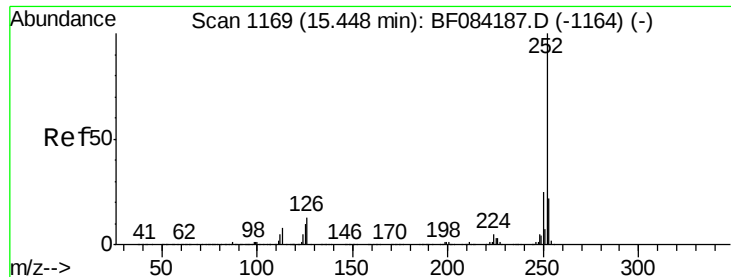
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#88
Benzo(k)fluoranthene
Concen: 55.10 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion:252 Resp: 1529726
Ion Ratio Lower Upper
252 100
253 22.6 18.1 27.1
125 7.7 9.0 13.6#





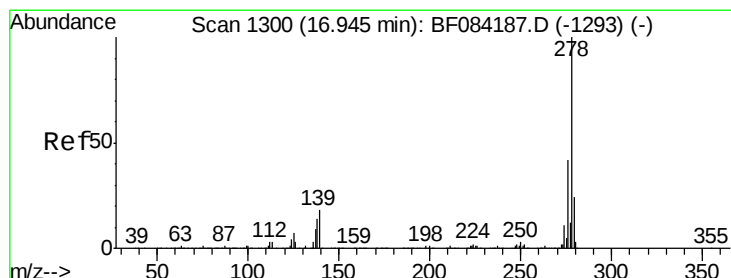
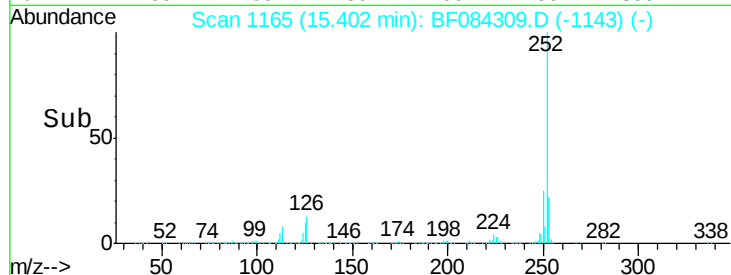
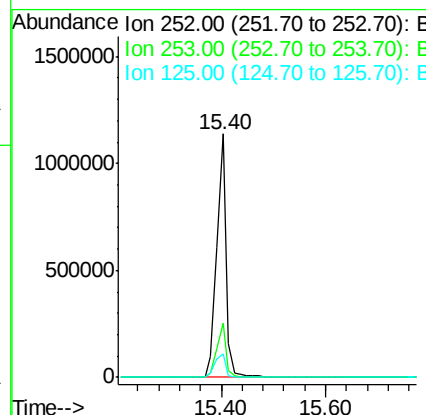
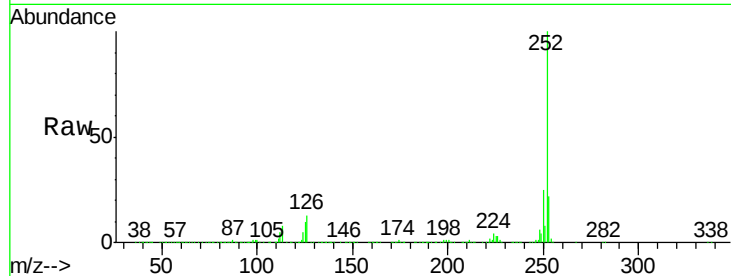
#89
Benzo(a)pyrene
Concen: 49.18 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Instrument :
BNA_F
ClientSampleId :
SW002MS

Tot Ion:252 Resp: 1416254
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 9.6 7.0 10.4

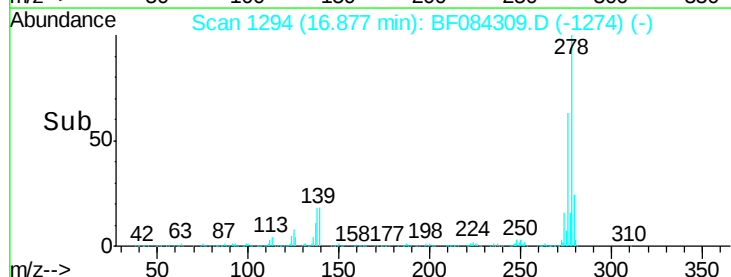
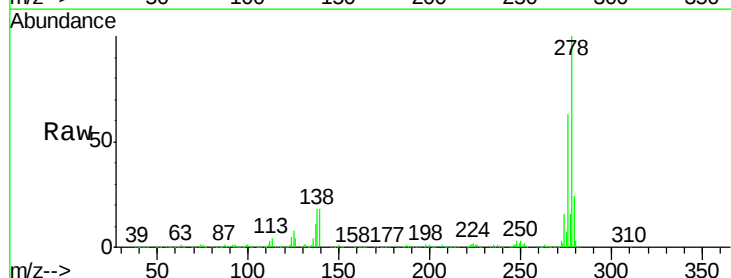
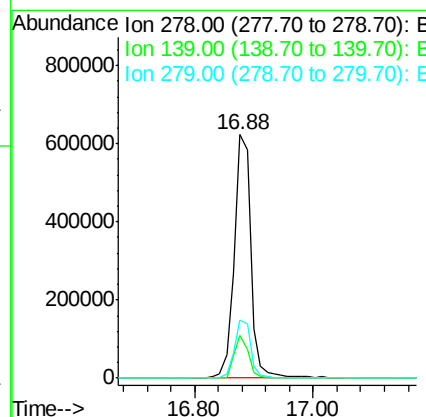
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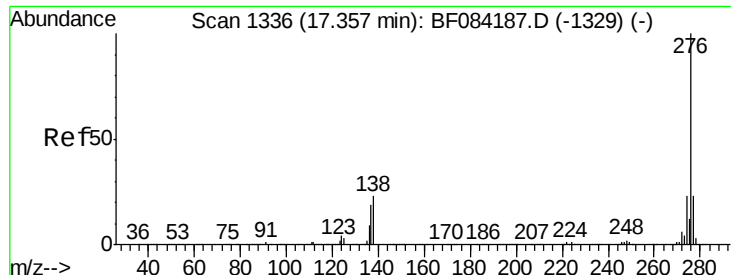
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#90
Dibenzo(a,h)anthracene
Concen: 48.88 ng
RT: 16.88 min Scan# 1294
Delta R.T. -0.07 min
Lab File: BF084309.D
Acq: 7 Jan 2016 17:01

Tgt Ion:278 Resp: 1211051
Ion Ratio Lower Upper
278 100
139 17.6 15.0 22.4
279 24.0 18.9 28.3





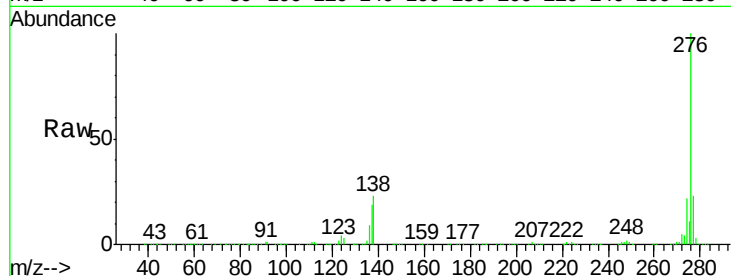
#91
 Benzo(a,h,i)perylene
 Concen: 48.26 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. -0.07 min
 Lab File: BF084309.D
 Acq: 7 Jan 2016 17:01

Instrument :
 BNA_F
 ClientSampleId :
 SW002MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.8	28.2
138	22.6	17.8	26.6

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

