

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
 Data File : BF084951.D
 Acq On : 9 Feb 2016 14:50
 Operator : SJ/IZ
 Sample : H1377-11MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MS

Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:44:52 PM

Quant Time: Feb 10 03:56:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 03 14:16:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	164305	20.00	ng	-0.05
21) Naphthalene-d8	7.93	136	669531	20.00	ng	-0.05
38) Acenaphthene-d10	9.68	164	316579	20.00	ng	-0.06
63) Phenanthrene-d10	11.15	188	563923	20.00	ng	-0.06
75) Chrysene-d12	13.78	240	404451	20.00	ng	-0.06
86) Perylene-d12	15.14	264	314531	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1494679	141.69	ng	-0.03
7) Phenol-d6	6.30	99	1899377	145.24	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1181993	99.45	ng	-0.06
41) 2,4,6-Tribromophenol	10.46	330	428555	129.78	ng	-0.06
44) 2-Fluorobiphenyl	9.00	172	1581779	83.70	ng	-0.06
78) Terphenyl-d14	12.74	244	1737026	97.32	ng	-0.06

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	147244	31.87	ng	# 73
3) Pyridine	2.82	79	405178	33.66	ng	# 74
4) n-Nitrosodimethylamine	2.77	42	257283	41.32	ng	# 80
6) Aniline	6.30	93	435672	27.23	ng	# 58
8) 2-Chlorophenol	6.43	128	471953	39.53	ng	# 90
9) Benzaldehyde	6.18	77	140696	18.22	ng	# 96
10) Phenol	6.32	94	674305	46.03	ng	# 85
11) bis(2-Chloroethyl)ether	6.38	93	489174	42.82	ng	# 88
12) 1,3-Dichlorobenzene	6.58	146	492615	39.05	ng	# 98
13) 1,4-Dichlorobenzene	6.65	146	475879	37.73	ng	# 97
14) 1,2-Dichlorobenzene	6.81	146	489224	41.65	ng	# 98
15) Benzyl Alcohol	6.80	79	423621	46.91	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	6.93	45	783665	40.78	ng	# 89
17) 2-Methylphenol	6.92	107	407348	43.14	ng	# 88
18) Hexachloroethane	7.15	117	197023	40.57	ng	# 87
19) n-Nitroso-di-n-propylamine	7.07	70	356772	43.52	ng	# 76
20) 3+4-Methylphenols	7.07	107	501123	42.75	ng	# 83
22) Acetophenone	7.06	105	696540	39.47	ng	# 98
24) Nitrobenzene	7.23	77	547286	43.00	ng	# 99
25) Isophorone	7.47	82	935485	40.48	ng	# 99
26) 2-Nitrophenol	7.55	139	277827	44.26	ng	# 94
27) 2,4-Dimethylphenol	7.60	122	408392	37.40	ng	# 96
28) bis(2-Chloroethoxy)methane	7.69	93	573501	41.83	ng	# 99
29) 2,4-Dichlorophenol	7.79	162	383378	41.04	ng	# 96
30) 1,2,4-Trichlorobenzene	7.87	180	436662	41.38	ng	# 96
31) Naphthalene	7.95	128	1398764	41.65	ng	# 99
32) Benzoic acid	7.70	122	65044	9.31	ng	# 96
33) 4-Chloroaniline	8.01	127	263508	18.97	ng	# 89
34) Hexachlorobutadiene	8.06	225	231268	38.01	ng	# 99
35) Caprolactam	8.38	113	127940m	44.43	ng	# 95
36) 4-Chloro-3-methylphenol	8.50	107	480111	45.05	ng	# 97
37) 2-Methylnaphthalene	8.64	142	920654	43.80	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	407891	40.57	ng	# 99
40) Hexachlorocyclopentadiene	8.80	237	328742	75.72	ng	# 98

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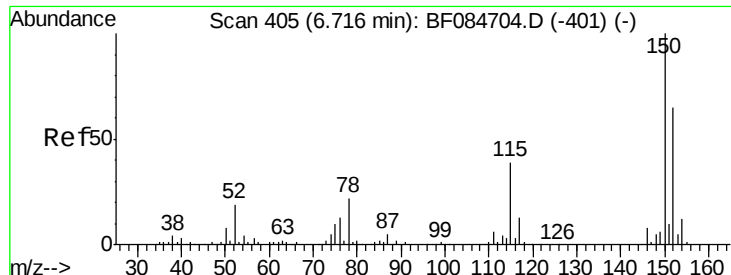
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	270636	41.78	nq	94
43) 2,4,5-Trichlorophenol	8.97	196	274263	41.67	nq	# 86
45) 1,1'-Biphenyl	9.10	154	1194948	42.26	nq	97
46) 2-Chloronaphthalene	9.13	162	877828	42.16	nq	# 88
47) 2-Nitroaniline	9.23	65	315169	47.80	nq	# 83
48) Acenaphthylene	9.54	152	1339101	42.38	nq	99
49) Dimethylphthalate	9.41	163	1189046	49.31	nq	# 90
50) 2,6-Dinitrotoluene	9.47	165	203613	38.66	nq	# 43
51) Acenaphthene	9.71	154	852169	41.45	nq	98
52) 3-Nitroaniline	9.64	138	184288	31.13	nq	# 84
53) 2,4-Dinitrophenol	9.76	184	173139	71.85	nq	90
54) Dibenzofuran	9.88	168	1172066	46.65	nq	96
55) 4-Nitrophenol	9.82	139	273317	62.83	nq	# 79
56) 2,4-Dinitrotoluene	9.88	165	302280	44.99	nq	91
57) Fluorene	10.22	166	908451	43.30	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.01	232	226013	45.11	nq	89
59) Diethylphthalate	10.11	149	932614	39.61	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	368227	41.15	nq	92
61) 4-Nitroaniline	10.26	138	256978	44.55	nq	90
62) Azobenzene	10.37	77	967981	42.76	nq	88
64) 4,6-Dinitro-2-methylphenol	10.28	198	143084	41.11	nq	# 51
65) n-Nitrosodiphenylamine	10.34	169	765180	42.73	nq	99
66) 4-Bromophenyl-phenylether	10.70	248	275096	44.17	nq	# 93
67) Hexachlorobenzene	10.76	284	265572	39.13	nq	# 83
68) Atrazine	10.88	200	283007	50.05	nq	97
69) Pentachlorophenol	10.97	266	233510	73.21	nq	98
70) Phenanthrene	11.17	178	1217823	38.94	nq	97
71) Anthracene	11.23	178	1396133	44.30	nq	99
72) Carbazole	11.39	167	1264404	46.01	nq	98
73) Di-n-butylphthalate	11.72	149	1362327	38.94	nq	# 96
74) Fluoranthene	12.35	202	1237275	39.08	nq	99
76) Benzidine	12.49	184	359218	25.70	nq	97
77) Pyrene	12.58	202	1243276	40.15	nq	98
79) Butylbenzylphthalate	13.21	149	589917	41.99	nq	# 83
80) Benzo(a)anthracene	13.77	228	1096218	43.67	nq	99
81) 3,3'-Dichlorobenzidine	13.73	252	165271	18.59	nq	# 95
82) Chrysene	13.80	228	822237	33.78	nq	100
83) Bis(2-ethylhexyl)phthalate	13.78	149	784458	44.87	nq	# 97
84) Di-n-octyl phthalate	14.39	149	1148685	39.83	nq	# 88
85) Indeno(1,2,3-cd)pyrene	16.40	276	805353	42.03	nq	98
87) Benzo(b)fluoranthene	14.77	252	1021093m	48.32	nq	
88) Benzo(k)fluoranthene	14.80	252	647788m	37.07	nq	
89) Benzo(a)pyrene	15.08	252	750849	41.70	nq	# 97
90) Dibenzo(a,h)anthracene	16.41	278	666670	43.98	nq	# 95
91) Benzo(g,h,i)perylene	16.77	276	687282	45.01	nq	97

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



#1

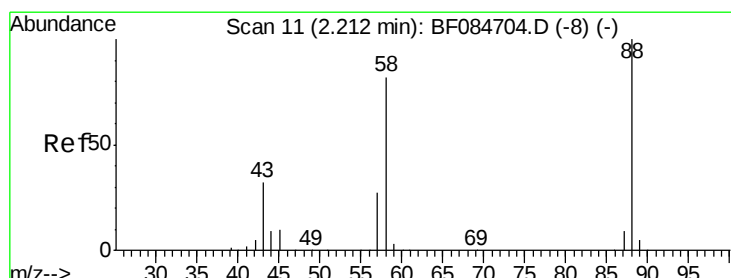
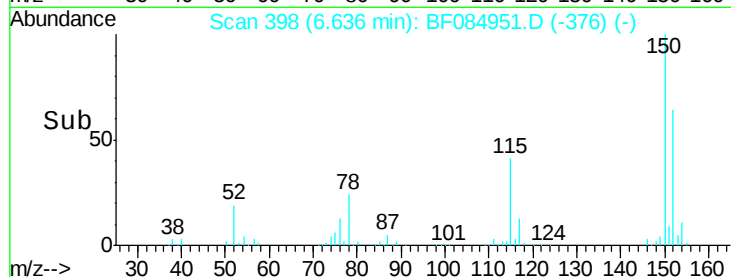
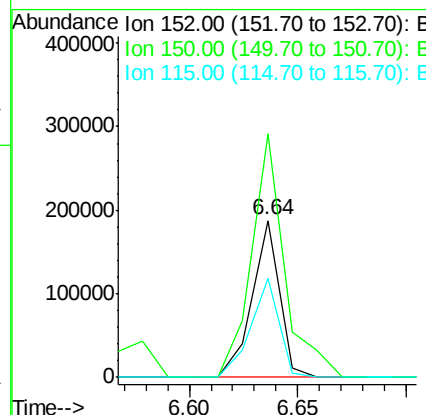
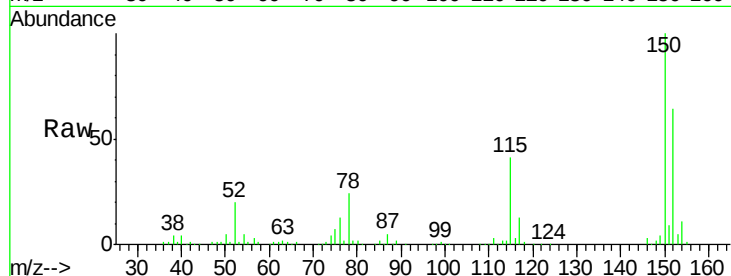
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 398
Delta R.T. -0.05 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	123.0	184.4
115	63.3	51.4	77.2

Manual Integrations
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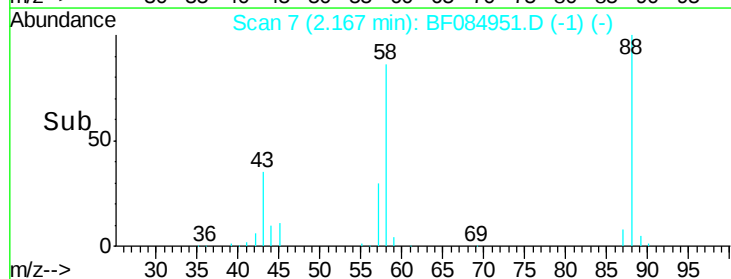
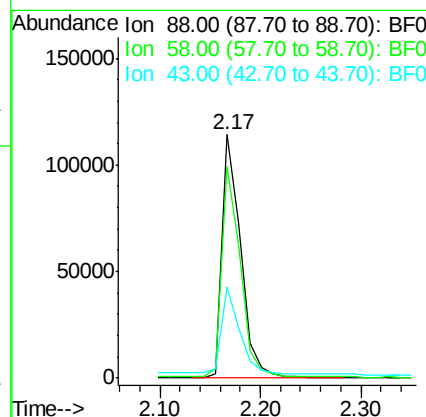
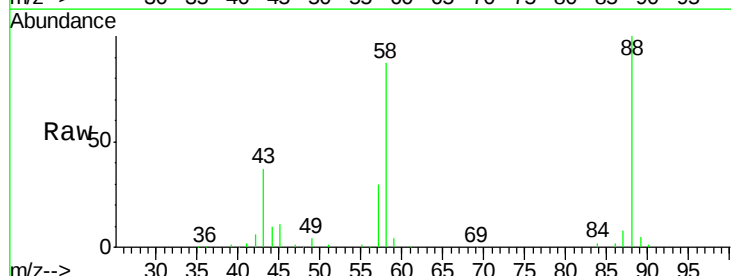
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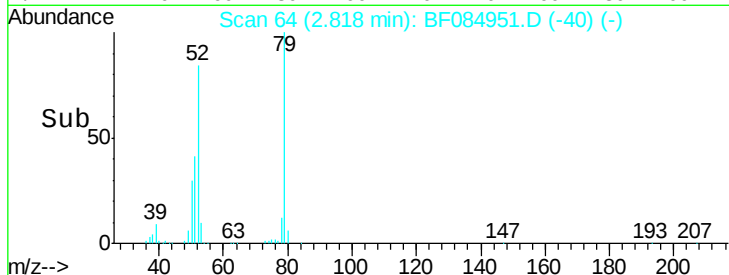
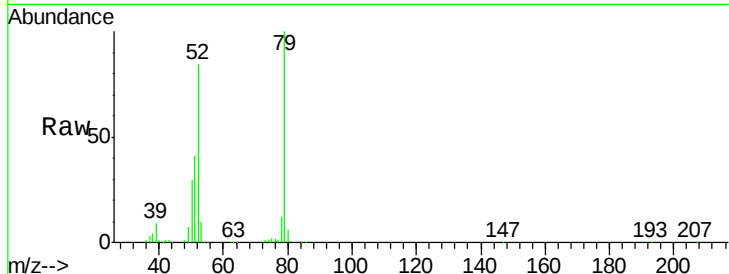
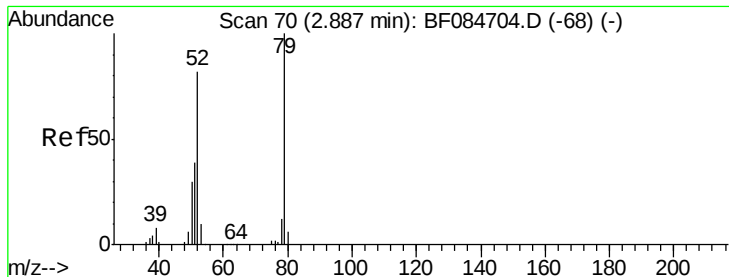


#2

1,4-Dioxane
Concen: 31.87 ng
RT: 2.17 min Scan# 7
Delta R.T. -0.01 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	51.2	76.8#
43	35.2	19.5	29.3#





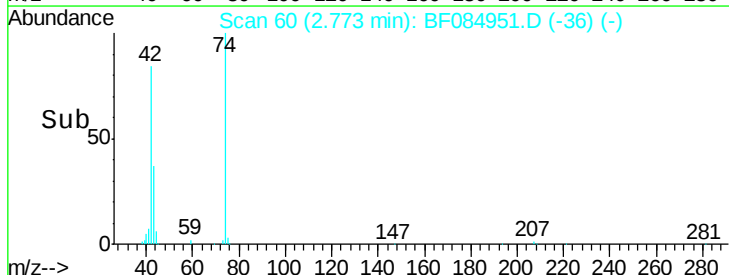
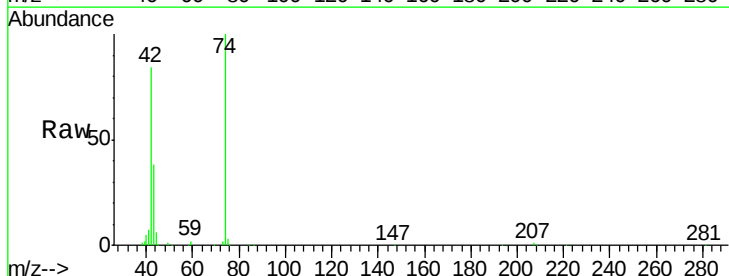
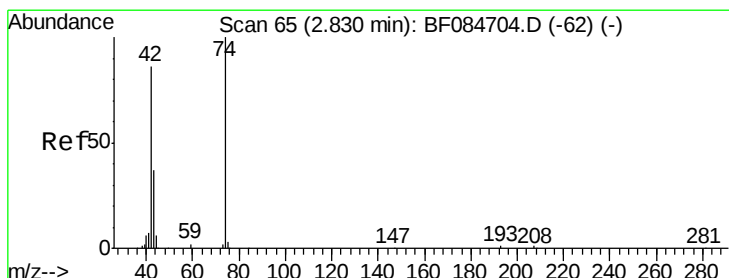
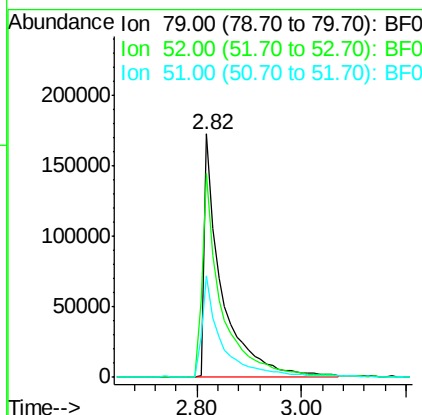
#3
 Pvridine
 Concen: 33.66 ng
 RT: 2.82 min Scan# 64
 Delta R.T. -0.02 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		405178		
52	83.6	49.0	73.4#		
51	41.5	25.2	37.8#		

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MS

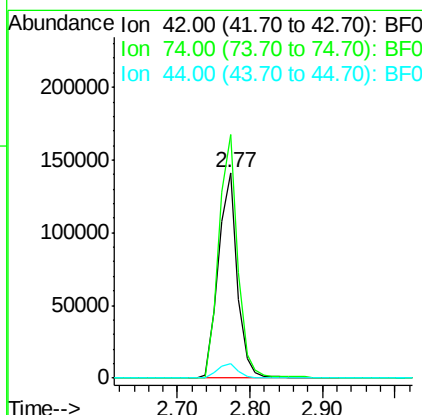
Manual Integrations
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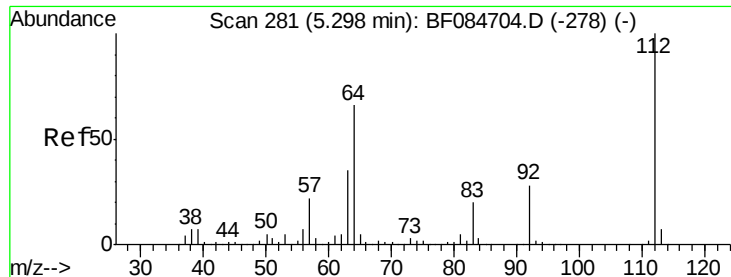
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 2/10/2016 1:44:52 PM



#4
 n-Nitrosodimethylamine
 Concen: 41.32 ng
 RT: 2.77 min Scan# 60
 Delta R.T. -0.02 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		257283		
74	118.5	115.7	173.5		
44	6.8	5.1	7.7		





#5

2-Fluorophenol

Concen: 141.69 ng

RT: 5.24 min Scan# 276

Delta R.T. -0.03 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

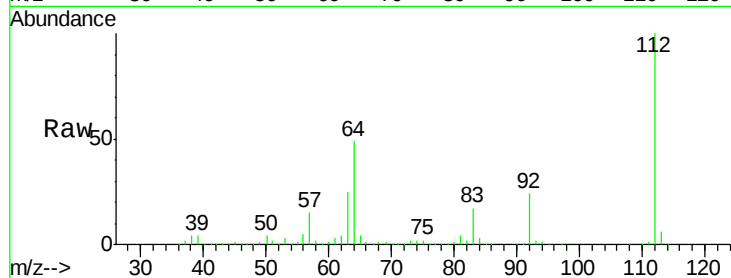
ClientSampleId :

SB03-2-3MS

Tot Ion:	112	Resp:	1494679
Ion Ratio	Lower	Upper	
112	100		
64	48.6	36.6	55.0
63	25.4	19.4	29.0

Manual Integrations
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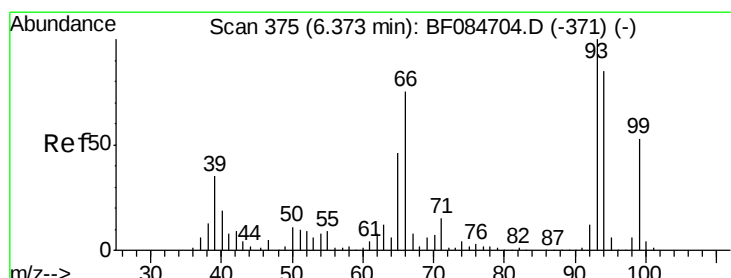
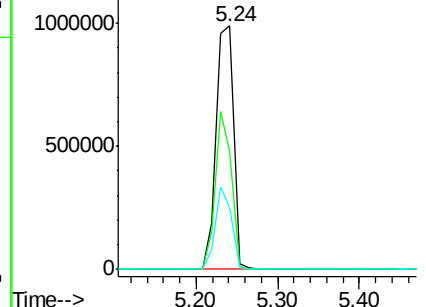
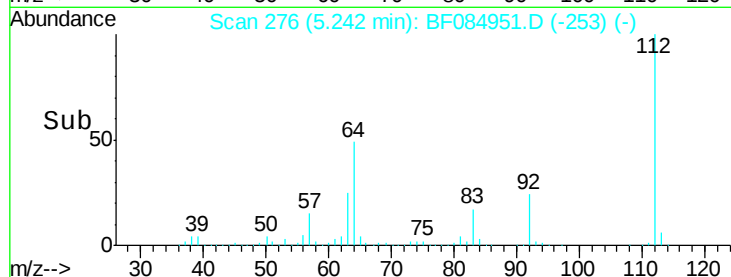
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.23 ng

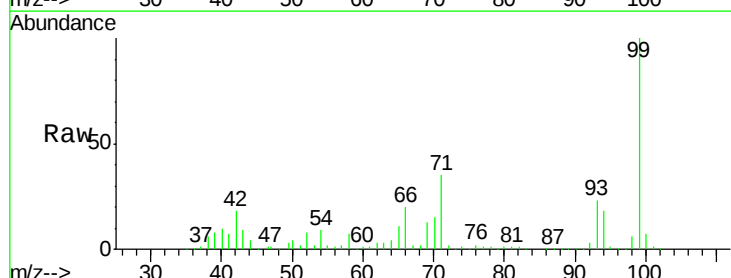
RT: 6.30 min Scan# 369

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

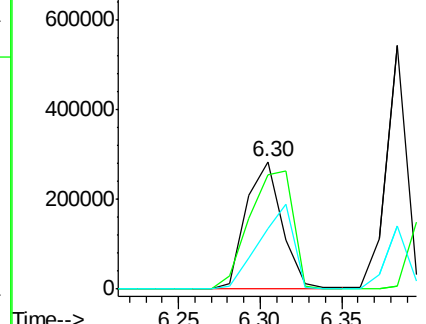
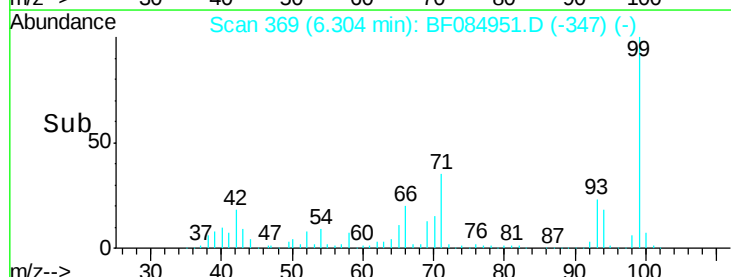
Tgt Ion:	93	Resp:	435672
Ion Ratio	Lower	Upper	
93	100		
66	90.2	44.9	67.3#
65	47.5	23.7	35.5#

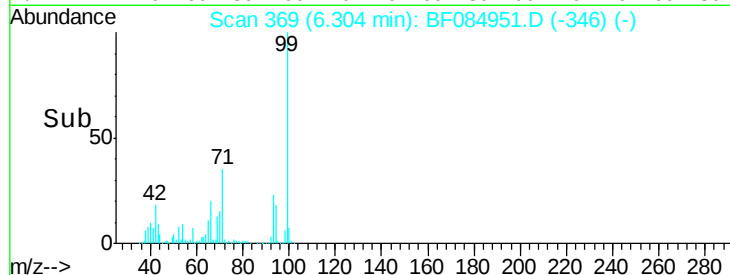
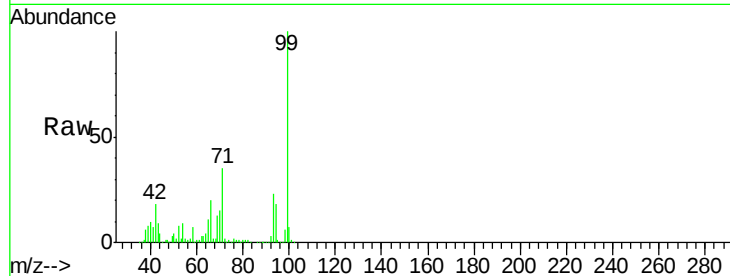
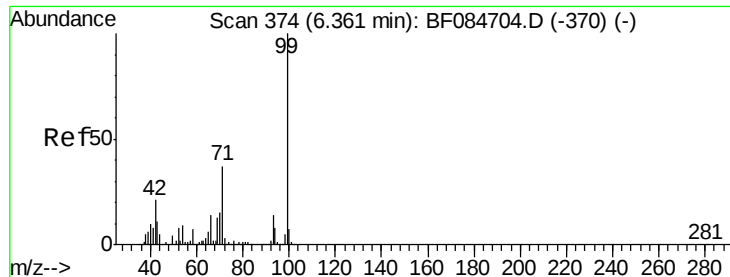


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 145.24 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.03 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tot Ion: 99 Resp: 1899377

Ion Ratio Lower Upper

99 100

42 18.1 12.8 19.2

71 35.4 30.9 46.3

Instrument :

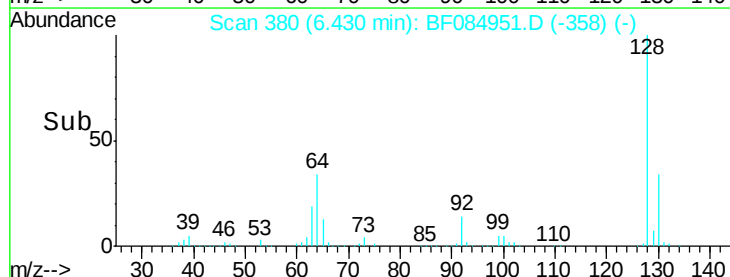
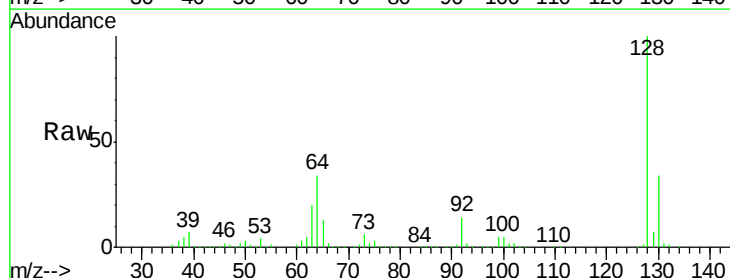
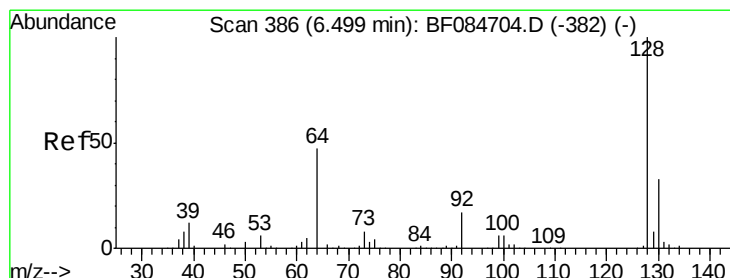
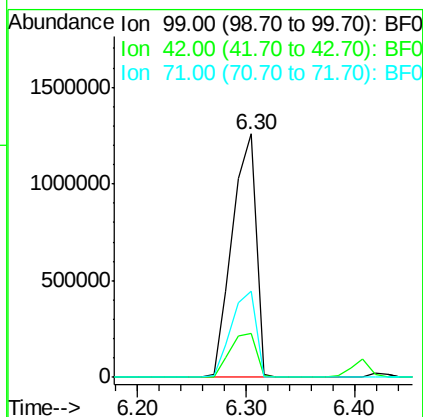
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 39.53 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

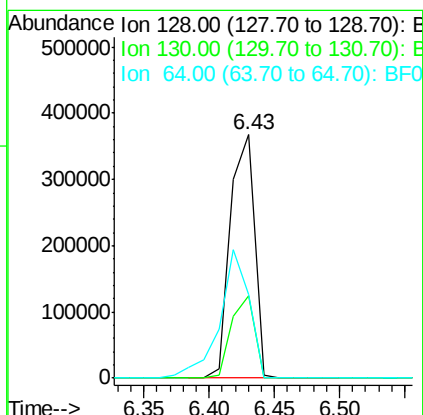
Tgt Ion: 128 Resp: 471953

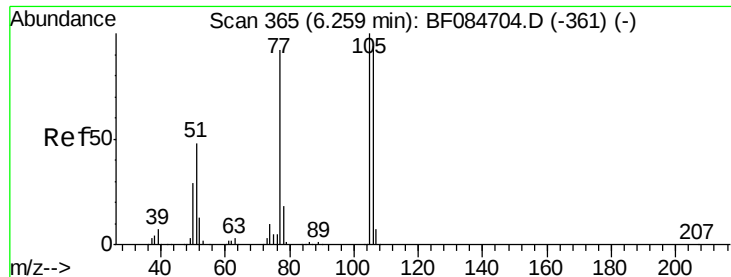
Ion Ratio Lower Upper

128 100

130 33.9 11.6 51.6

64 34.4 23.8 63.8





#9

Benzaldehyde

Concen: 18.22 ng

RT: 6.18 min Scan# 358

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

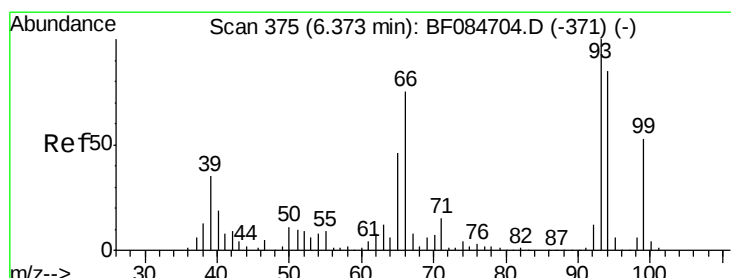
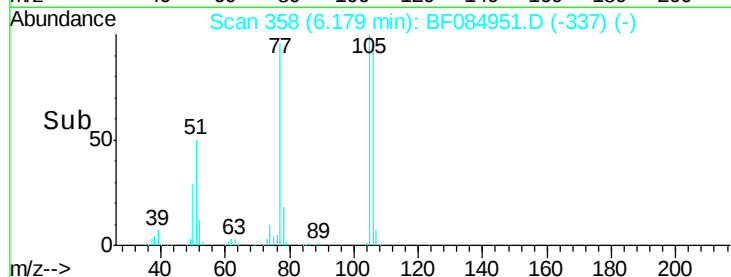
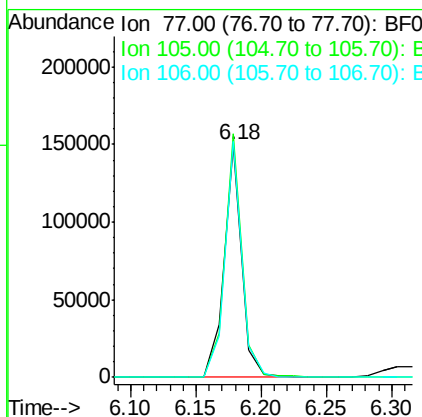
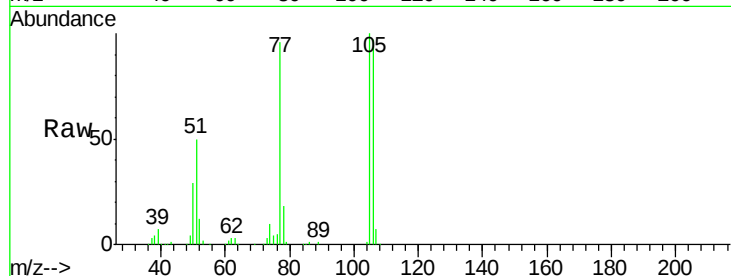
ClientSampleId :

SB03-2-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	104.7	83.0	123.0		
106	101.2	74.6	114.6		

Manual Integrations
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#10

Phenol

Concen: 46.03 ng

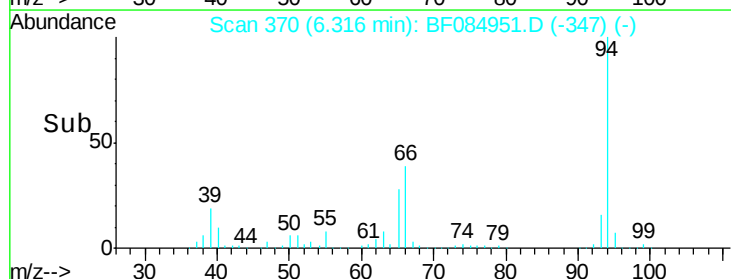
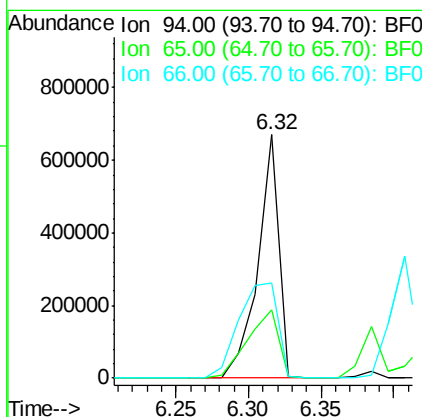
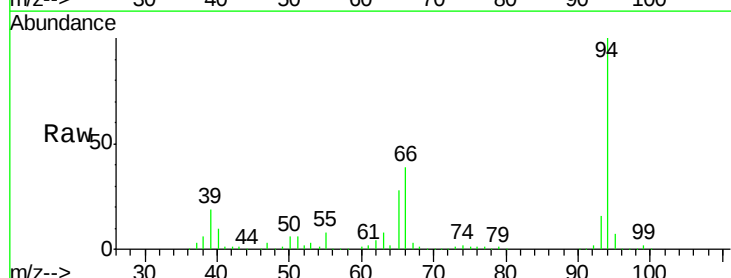
RT: 6.32 min Scan# 370

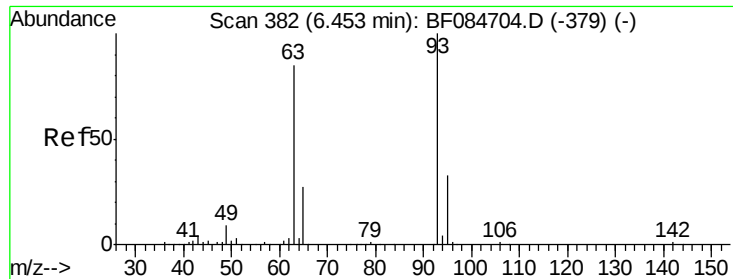
Delta R.T. -0.03 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.1	12.9	52.9		
66	39.3	32.7	72.7		





#11

bis(2-Chloroethyl)ether

Concen: 42.82 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

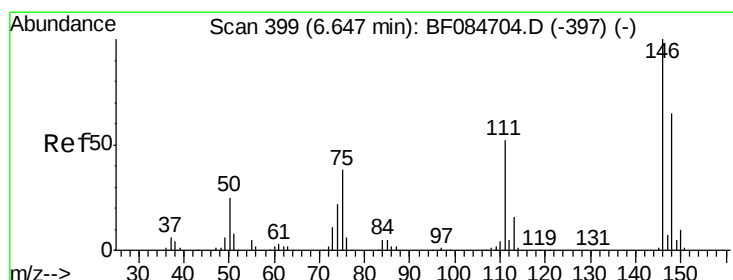
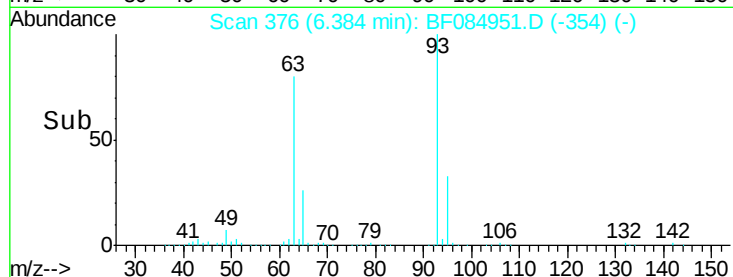
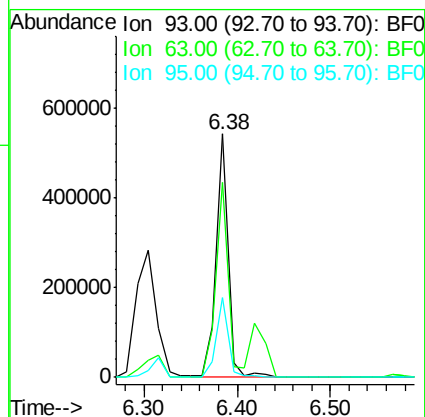
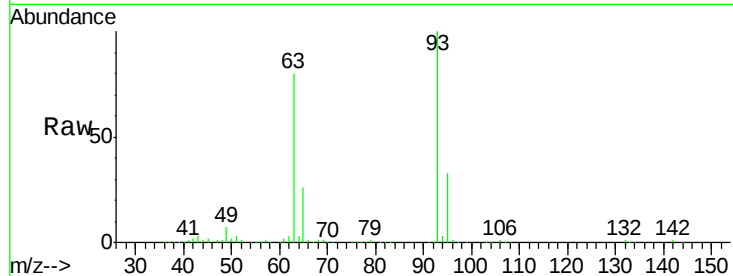
ClientSampleId :

SB03-2-3MS

Tot Ion:	93	Resp:	489174
Ion Ratio	Lower	Upper	
93	100		
63	80.2	45.9	85.9
95	32.7	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 39.05 ng

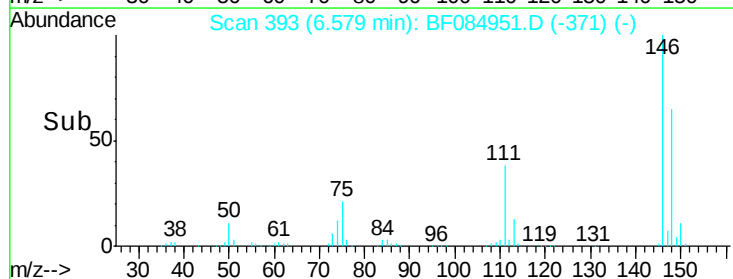
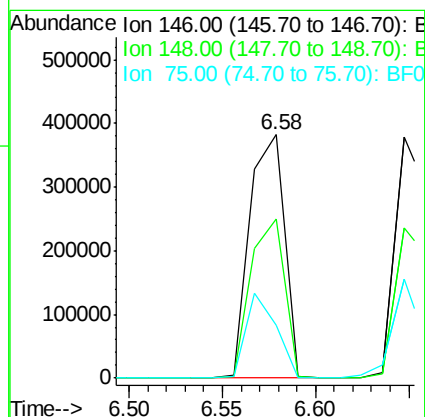
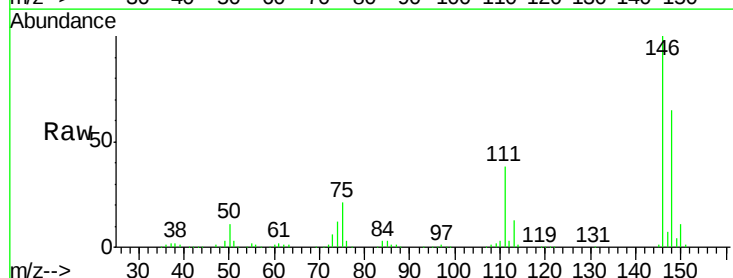
RT: 6.58 min Scan# 393

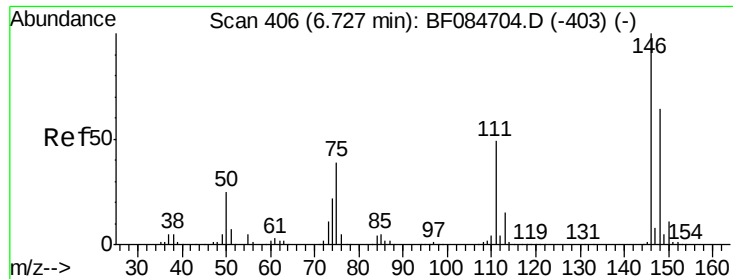
Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion:	146	Resp:	492615
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.9	77.9
75	21.5	20.5	30.7





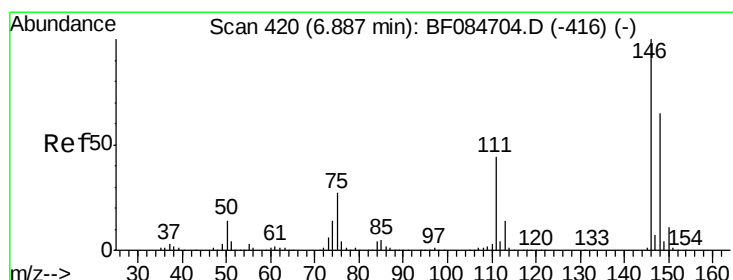
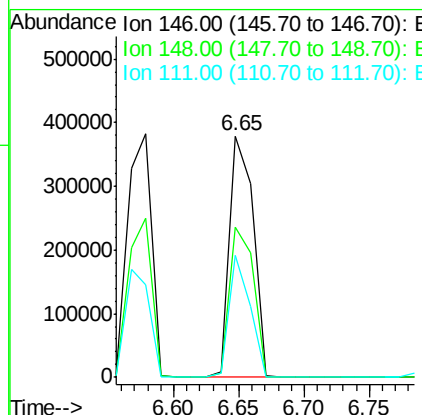
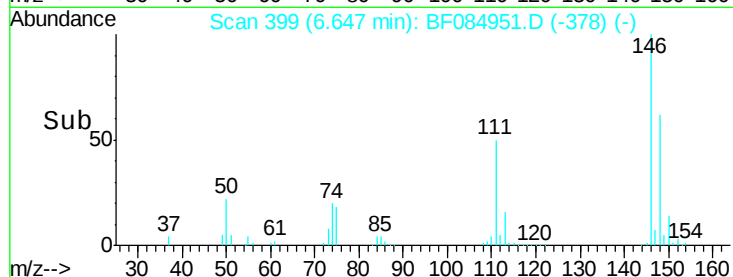
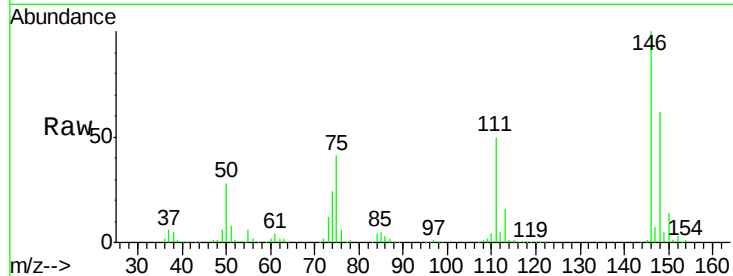
#13
 1,4-Dichlorobenzene
 Concen: 37.73 ng
 RT: 6.65 min Scan# 399
 Delta R.T. -0.06 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Instrument :
 BNA_F
 ClientSampled :
 SB03-2-3MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	51.9	77.9
111	50.4	41.6	62.4

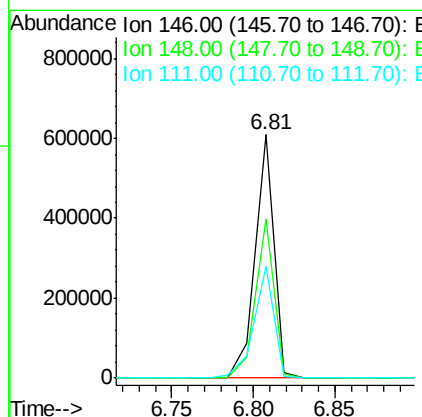
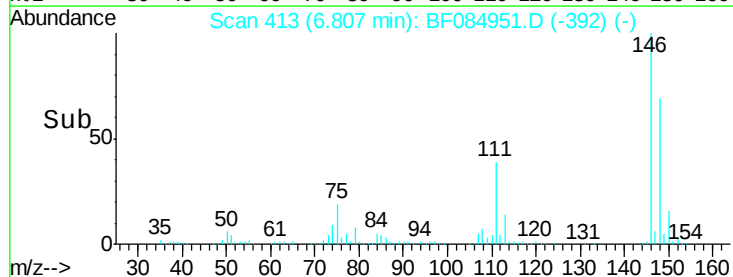
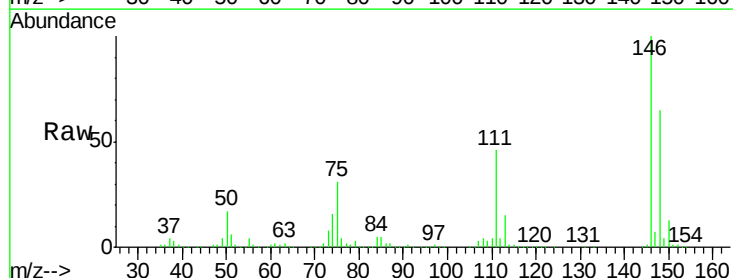
Manual Integrations
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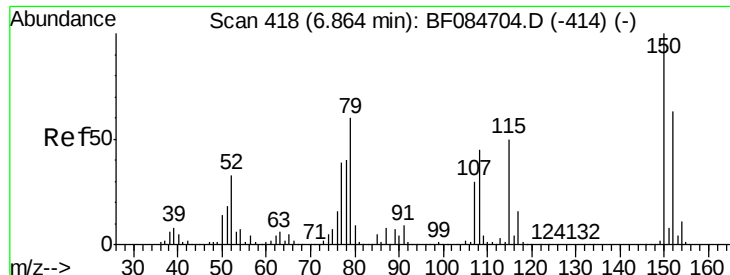
Sohil
 2/10/2016 1:44:52 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.65 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.06 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.6	77.4
111	46.1	38.0	57.0





#15

Benzyl Alcohol

Concen: 46.91 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

ClientSampled :

SB03-2-3MS

Tot Ion: 79 Resp: 423621

Ion Ratio Lower Upper

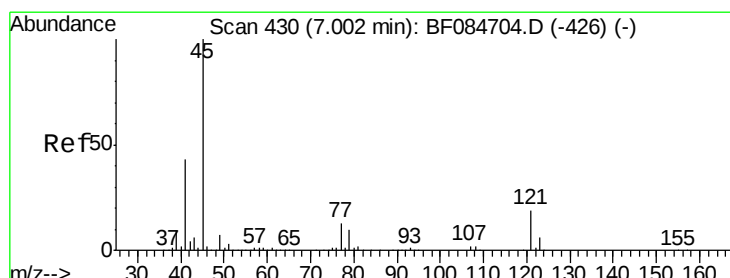
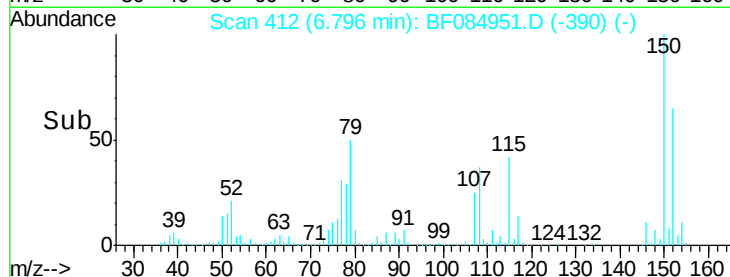
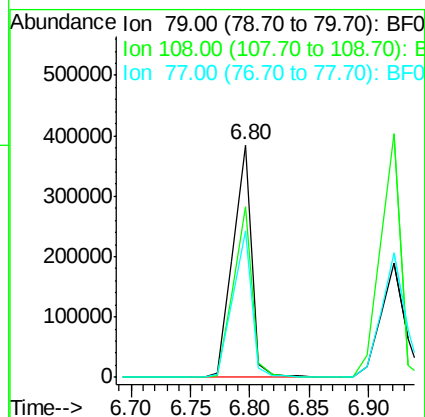
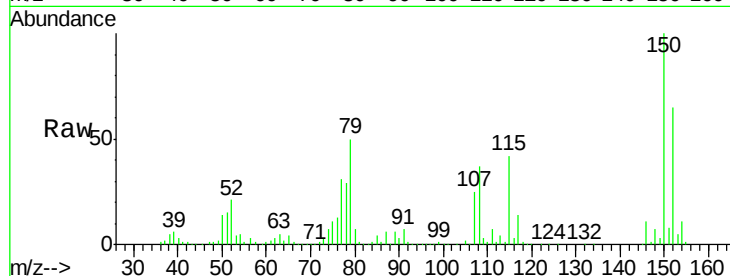
79 100

108 73.3 69.0 103.4

77 62.9 50.0 75.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.78 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

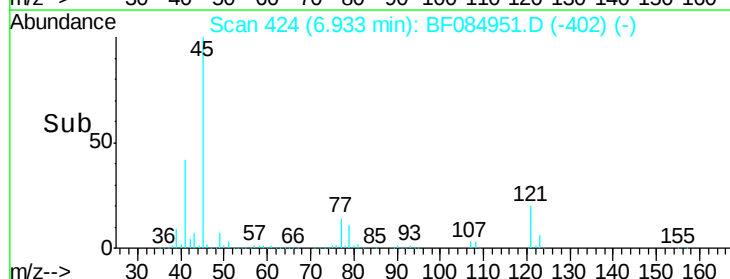
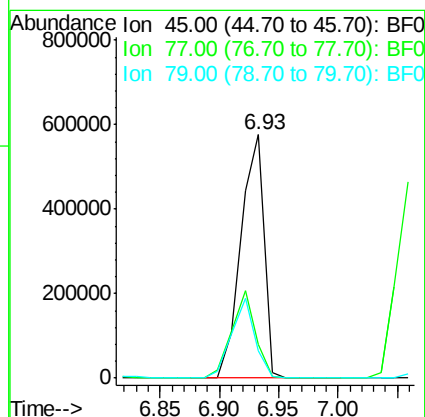
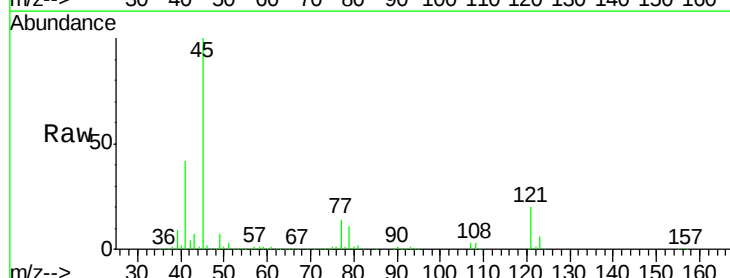
Tgt Ion: 45 Resp: 783665

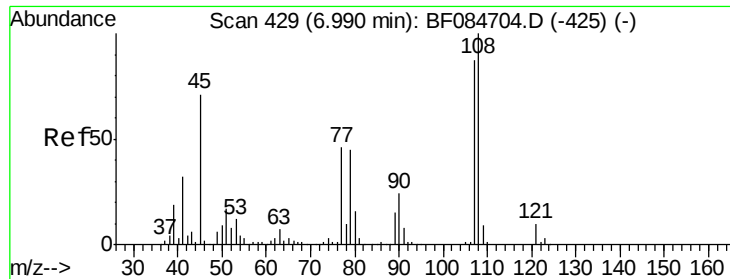
Ion Ratio Lower Upper

45 100

77 13.9 0.0 39.6

79 11.2 0.0 35.0





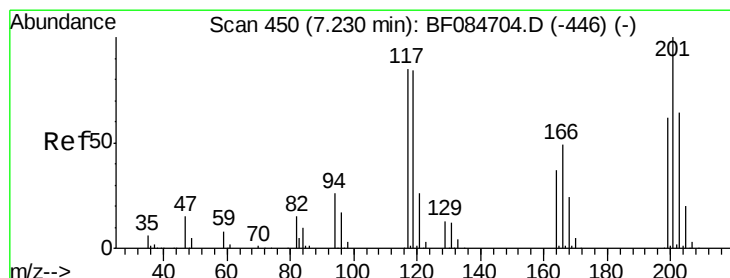
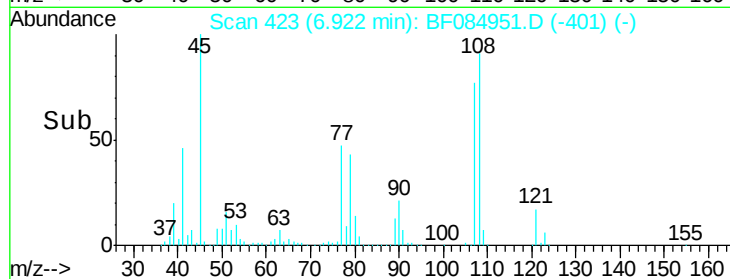
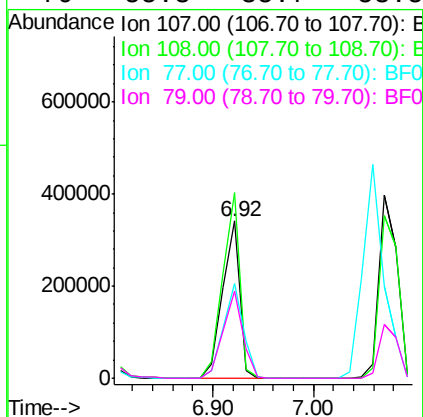
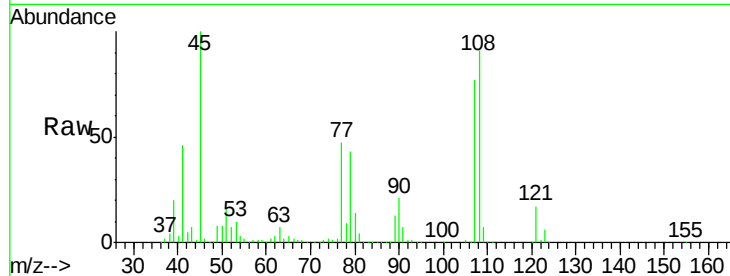
#17
2-Methylphenol
Concen: 43.14 ng
RT: 6.92 min Scan# 423
Delta R.T. -0.05 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	117.9	89.8	134.6		
77	60.4	35.7	53.5#		
79	55.3	35.7	53.5#		

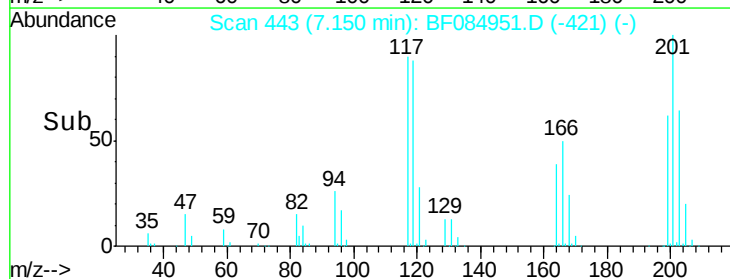
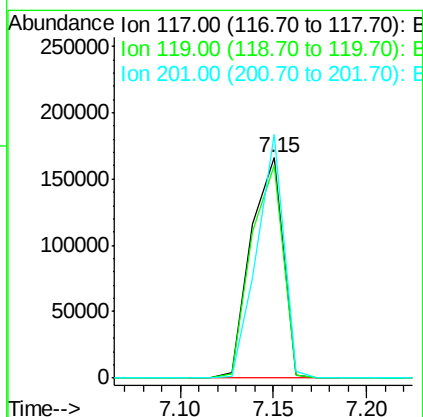
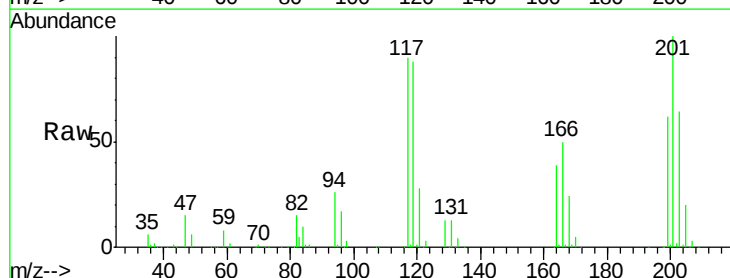
Manual Integrations
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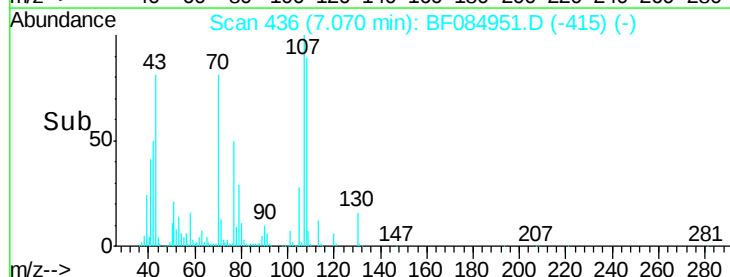
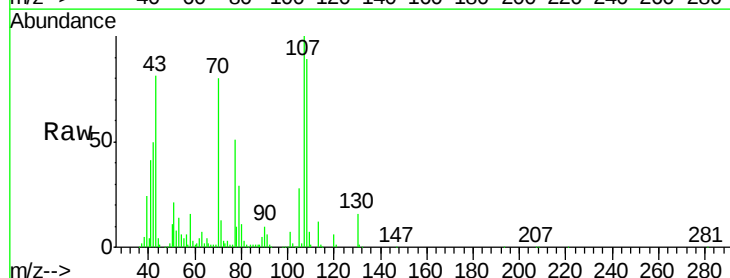
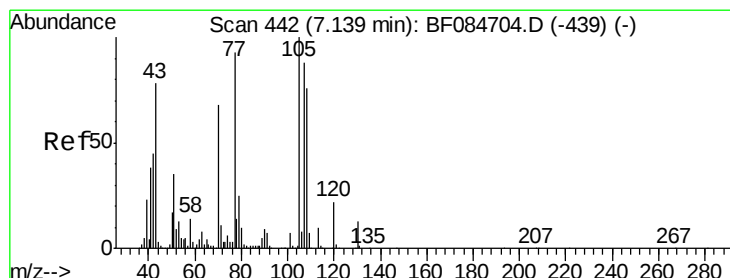
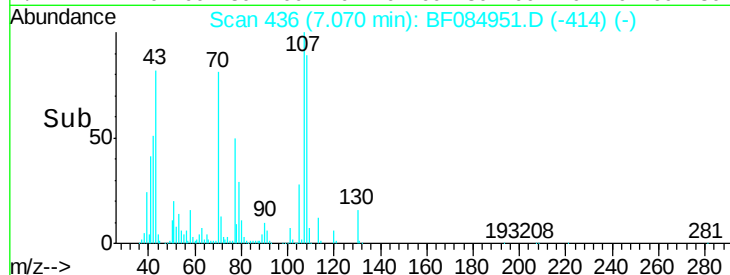
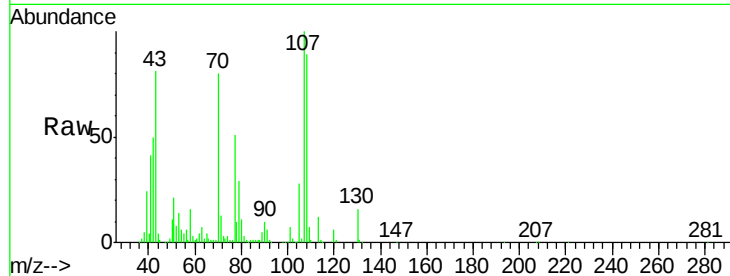
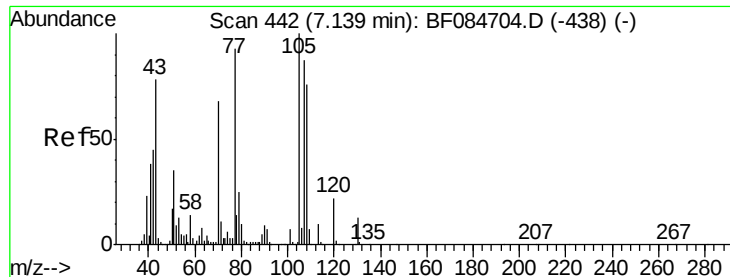
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#18
Hexachloroethane
Concen: 40.57 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	96.9	77.4	116.0		
201	110.7	68.6	103.0#		





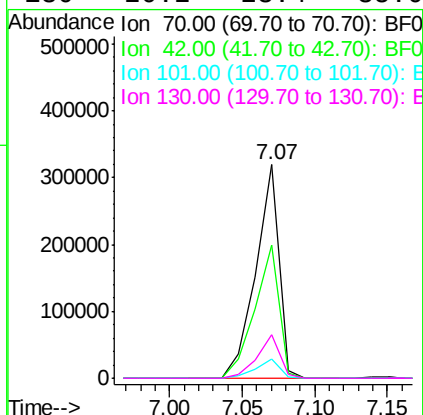
#19
n-Nitroso-di-n-propylamine
Concen: 43.52 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.05 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MS

Tot Ion	Ratio	Resp Lower	Upper
70	100		
42	62.4	33.3	49.9#
101	9.2	9.3	13.9#
130	20.2	23.4	35.0#

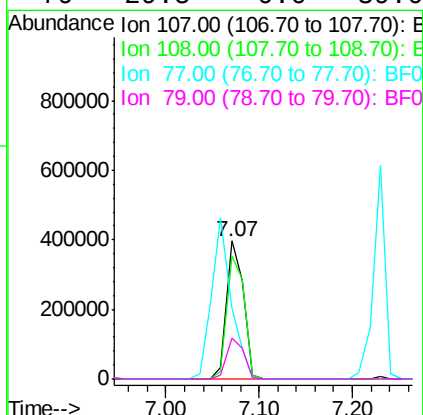
Manual Integrations
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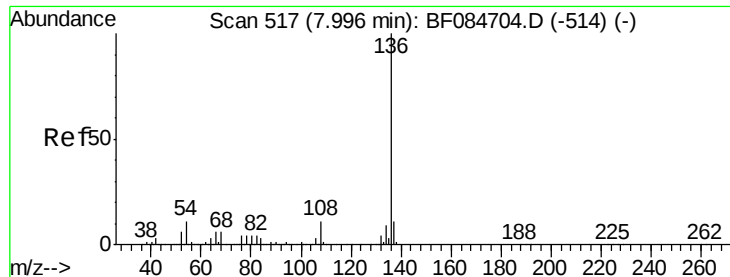
Sohil
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#20
3+4-Methylphenols
Concen: 42.75 ng
RT: 7.07 min Scan# 436
Delta R.T. -0.06 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	89.2	74.6	114.6
77	50.7	0.7	40.7#
79	29.5	0.0	39.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

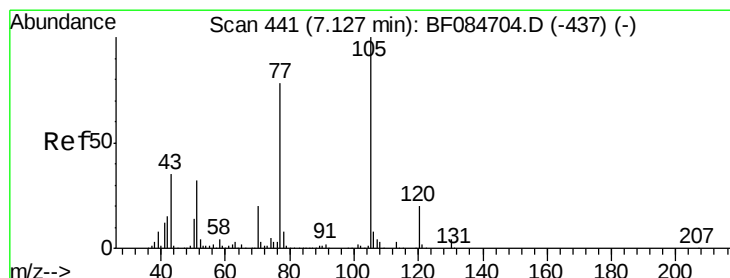
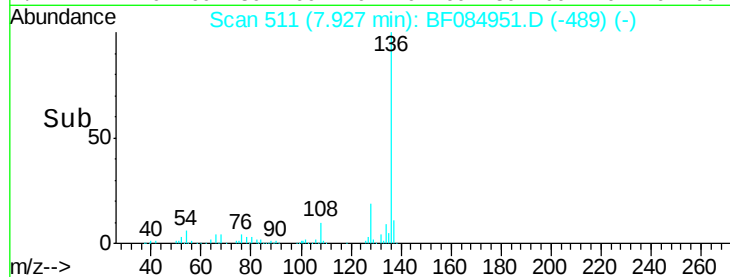
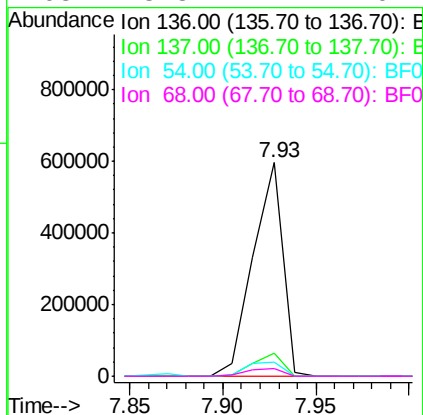
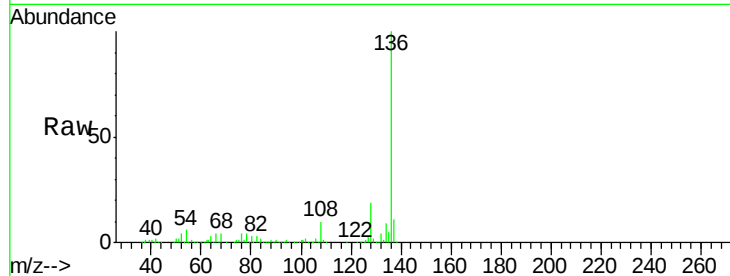
ClientSampleId :

SB03-2-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		669531		
137	10.9		8.7	13.1	
54	6.4		5.8	8.8	
68	3.8		4.2	6.2	

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#22

Acetophenone

Concen: 39.47 ng

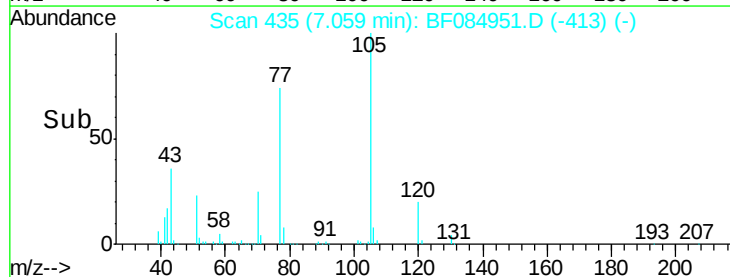
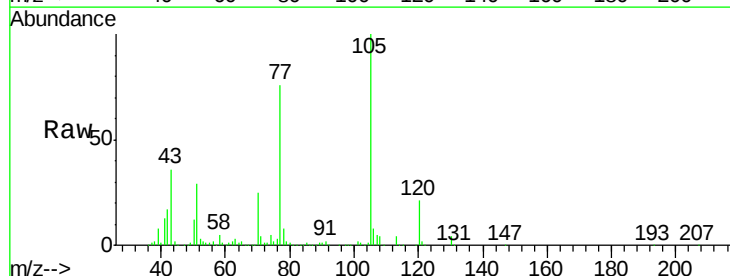
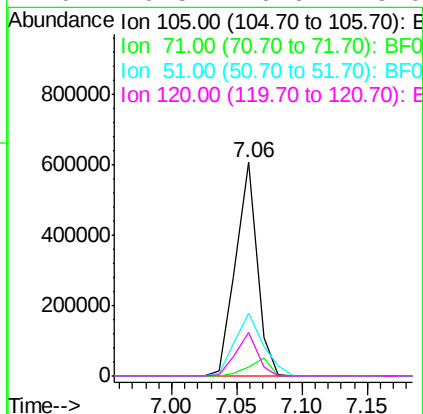
RT: 7.06 min Scan# 435

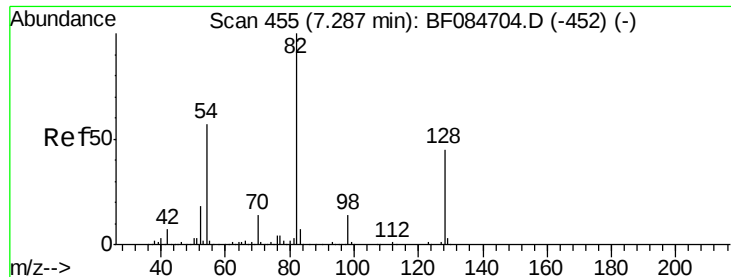
Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		696540		
71	4.0		3.7	5.5	
51	29.4		25.1	37.7	
120	20.5		16.6	25.0	





#23

Nitrobenzene-d5

Concen: 99.45 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MS

Tot Ion: 82 Resp: 1181993

Ion Ratio Lower Upper

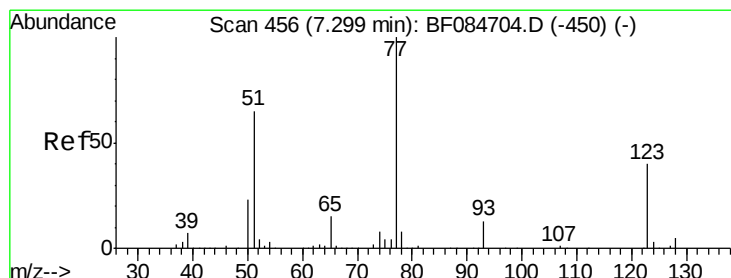
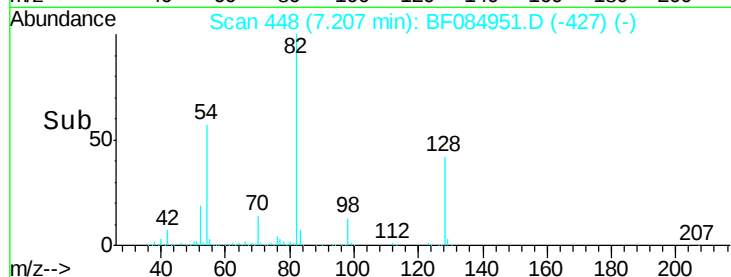
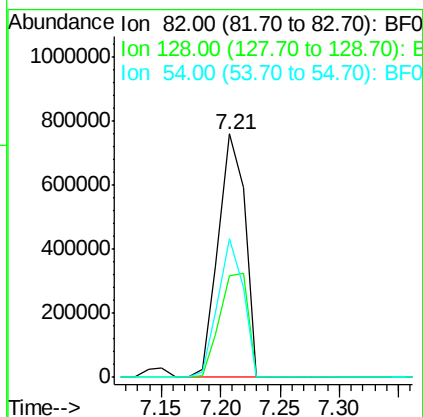
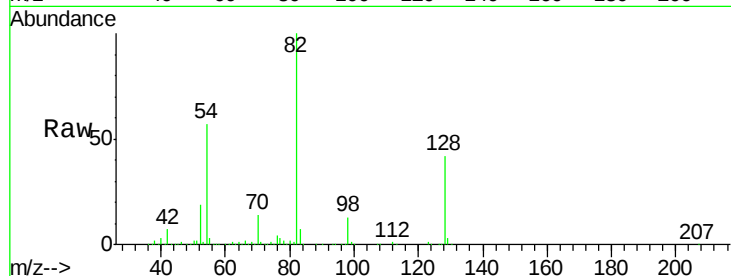
82 100

128 41.9 34.6 51.8

54 56.8 38.4 57.6

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#24

Nitrobenzene

Concen: 43.00 ng

RT: 7.23 min Scan# 450

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

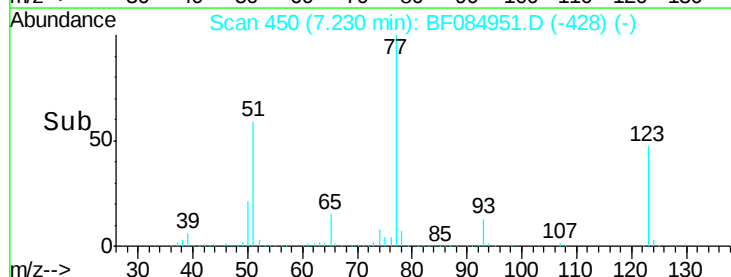
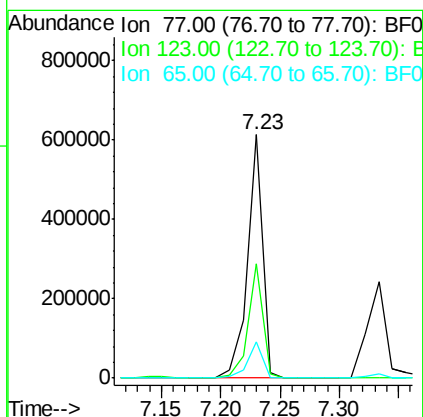
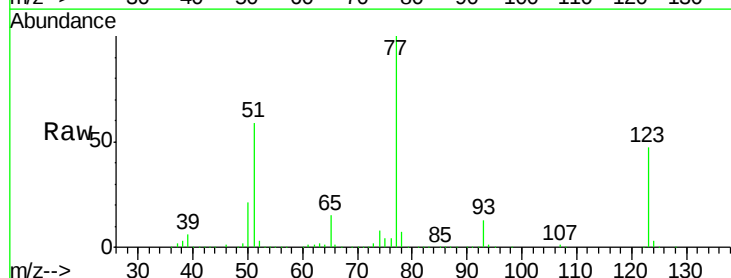
Tgt Ion: 77 Resp: 547286

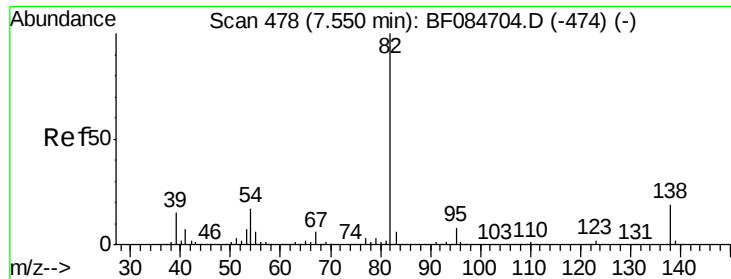
Ion Ratio Lower Upper

77 100

123 47.0 37.4 56.2

65 14.8 10.9 16.3





#25

Isophorone

Concen: 40.48 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

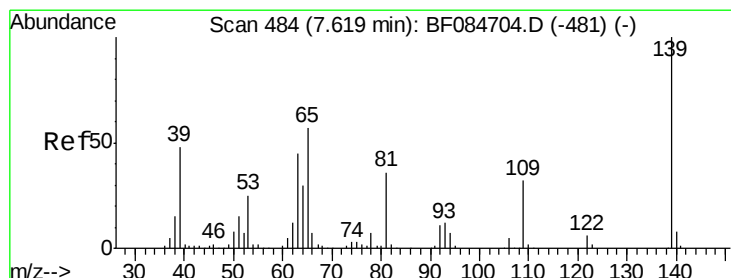
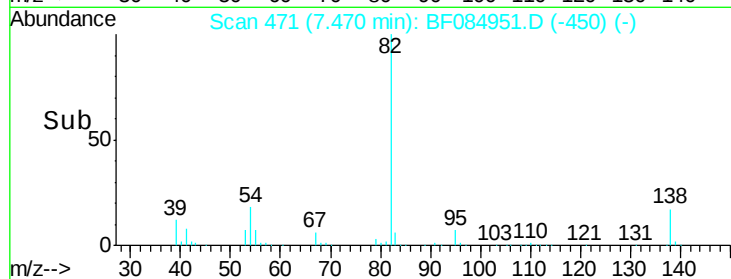
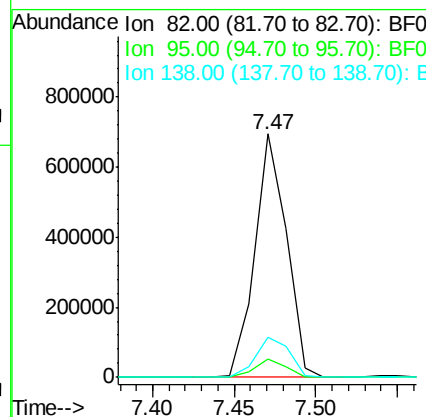
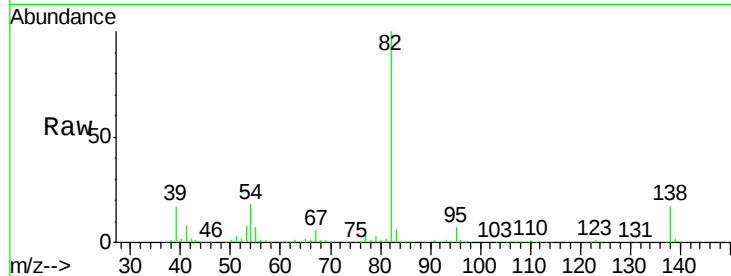
ClientSampleId :

SB03-2-3MS

Tot Ion:	82	Resp:	935485
Ion Ratio		Lower	Upper
82	100		
95	7.5	6.6	10.0
138	16.6	13.6	20.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 44.26 ng

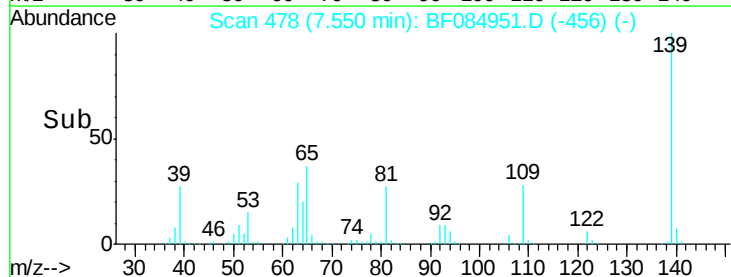
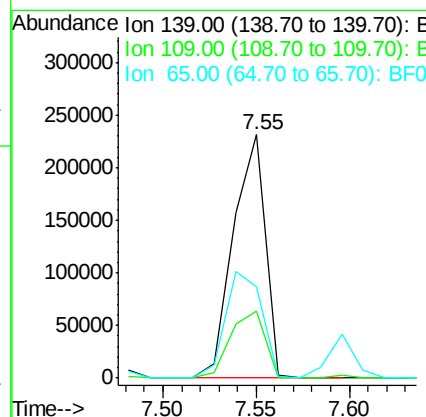
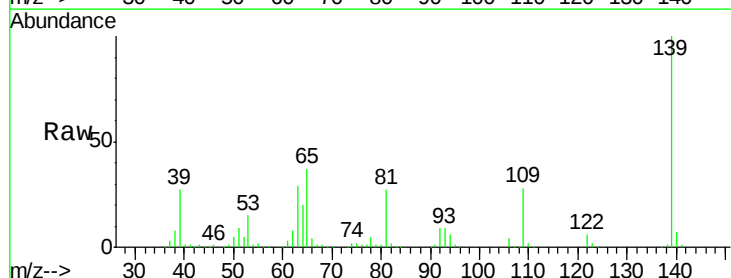
RT: 7.55 min Scan# 478

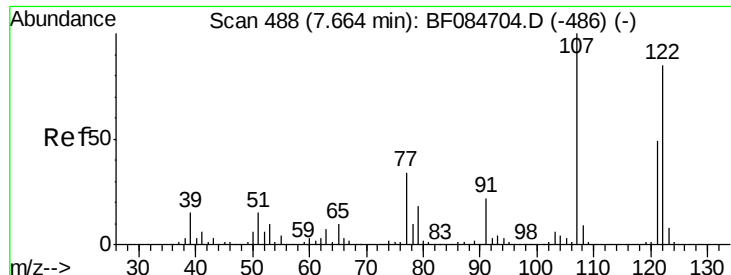
Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion:	139	Resp:	277827
Ion Ratio		Lower	Upper
139	100		
109	27.6	25.4	38.2
65	37.3	32.3	48.5





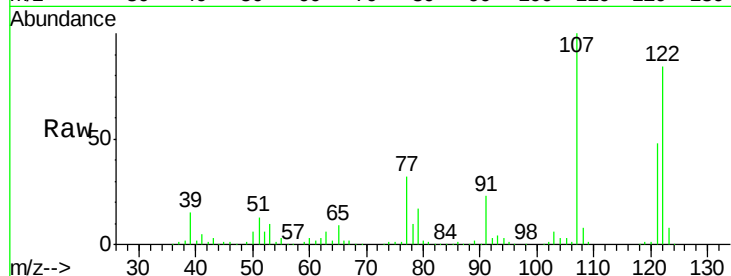
#27
 2,4-Dimethylphenol
 Concen: 37.40 ng
 RT: 7.60 min Scan# 482
 Delta R.T. -0.06 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	408392		
107	119.0		99.1	148.7
121	57.6		47.9	71.9

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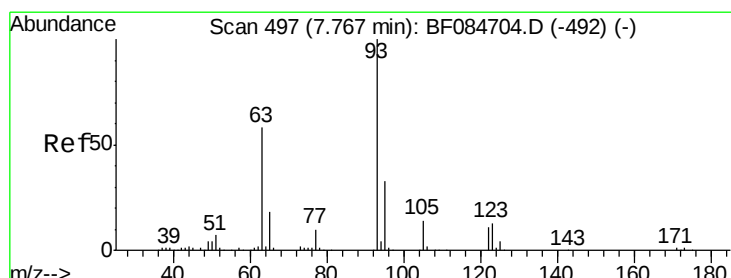
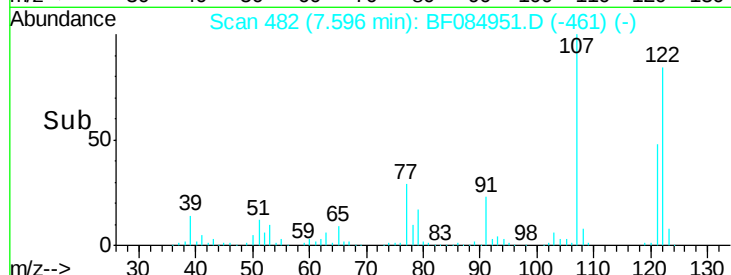
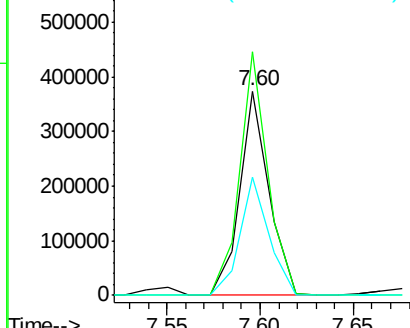


Abundance

Ion 122.00 (121.70 to 122.70): E

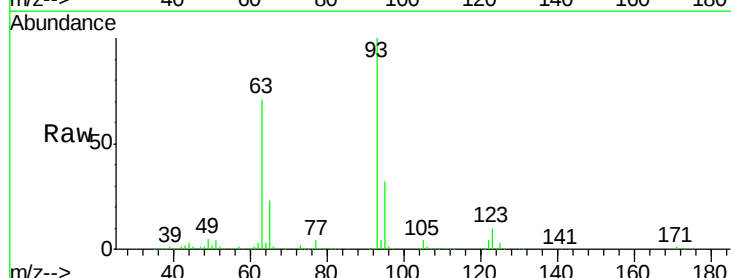
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.83 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.06 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	573501		
95	32.4		25.8	38.6
123	10.1		8.6	12.8

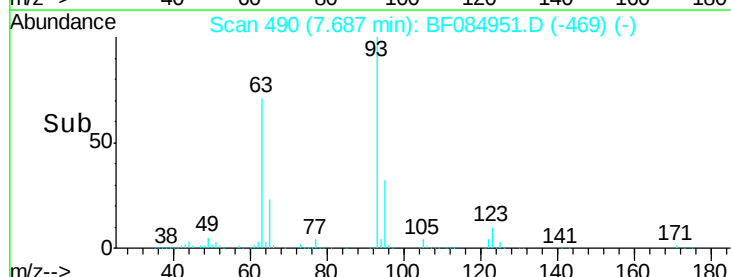
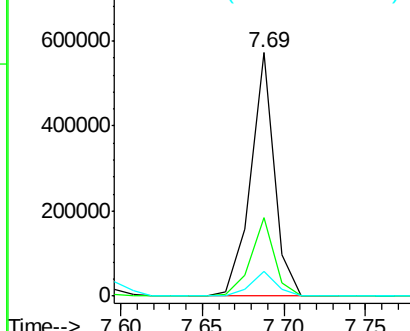


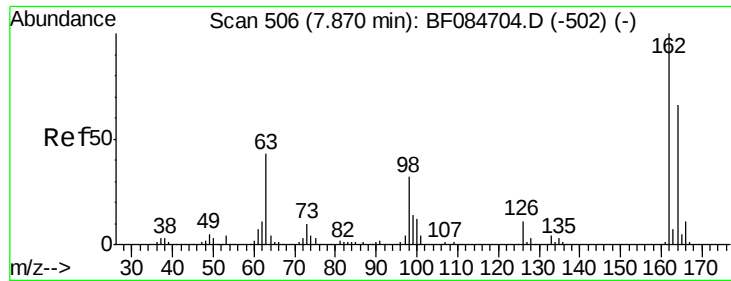
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





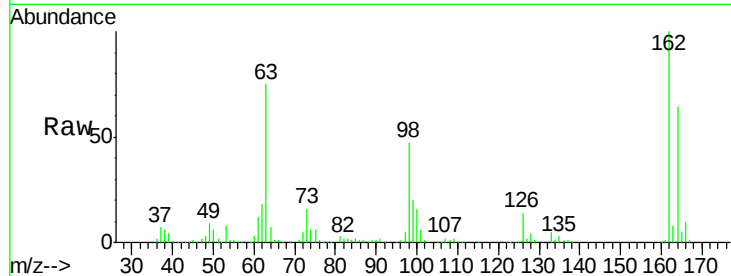
#29
 2,4-Dichlorophenol
 Concen: 41.04 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.06 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Instrument :
 BNA_F
 ClientSampleID :
 SB03-2-3MS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.2	44.1	84.1
98	46.5	20.2	60.2

Manual Integrations
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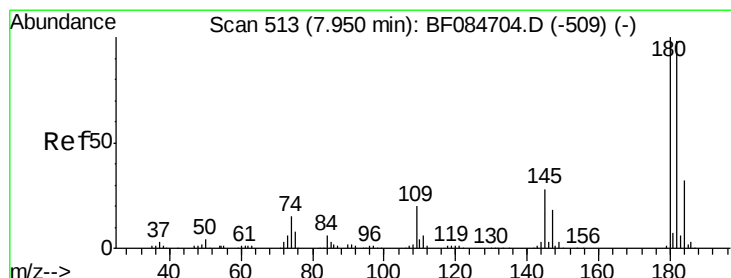
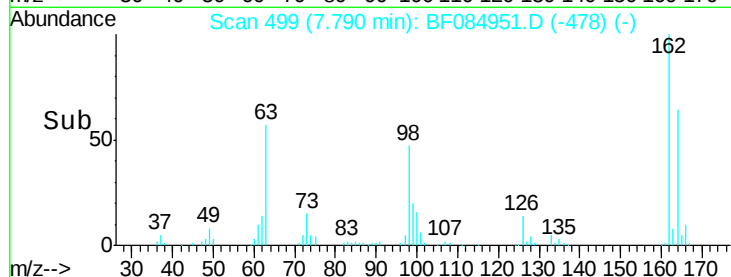
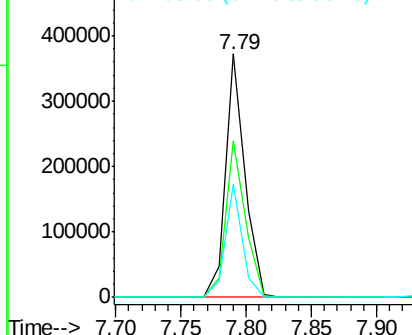


Abundance

Ion 162.00 (161.70 to 162.70): E

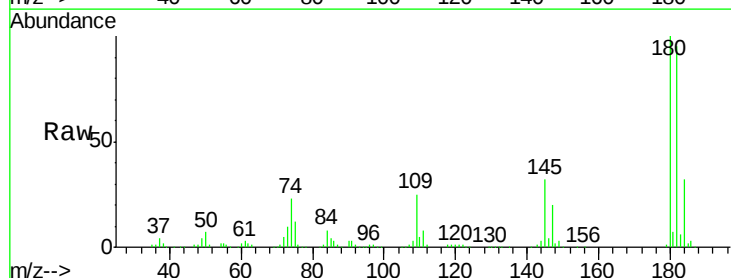
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.38 ng
 RT: 7.87 min Scan# 506
 Delta R.T. -0.05 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.8	76.4	114.6
145	31.6	31.6	47.4

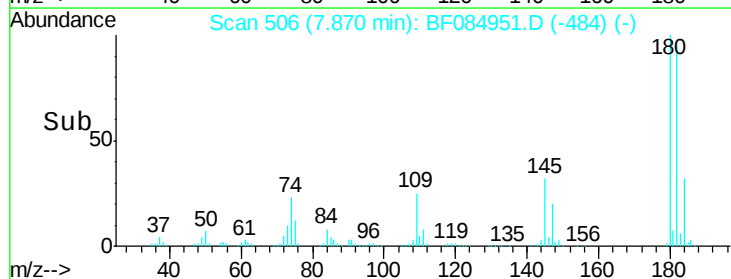
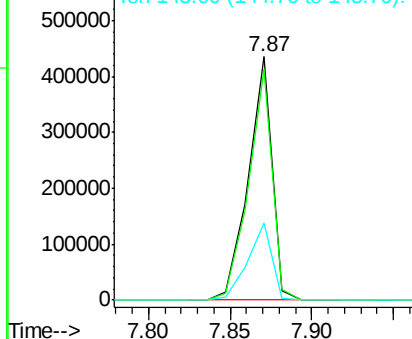


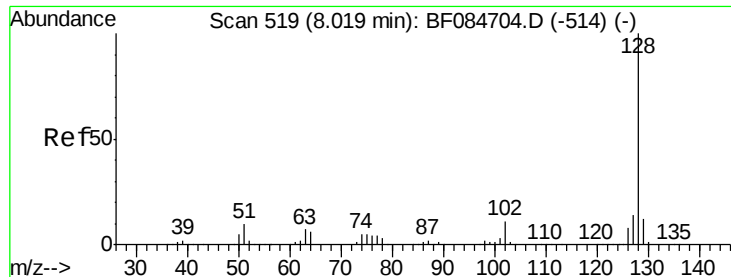
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





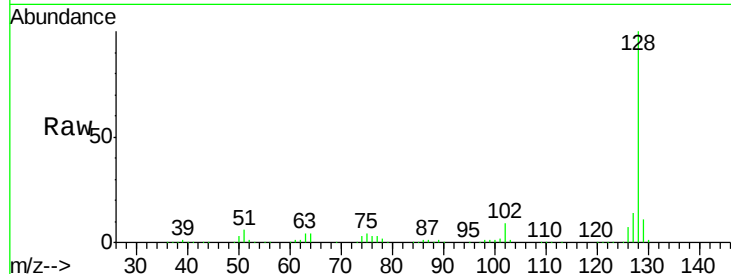
#31
Naphthalene
Concen: 41.65 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.05 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MS

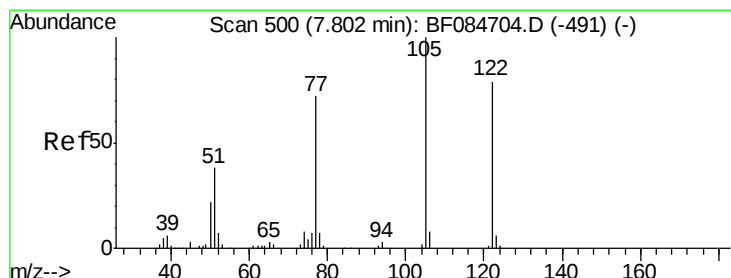
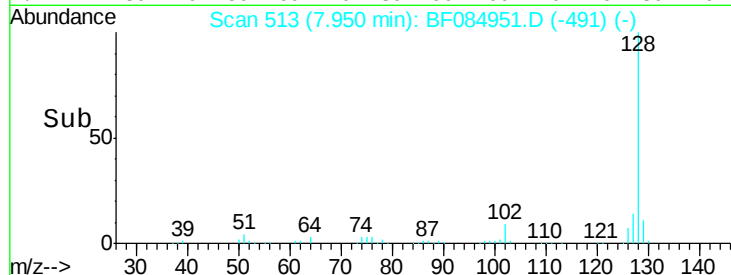
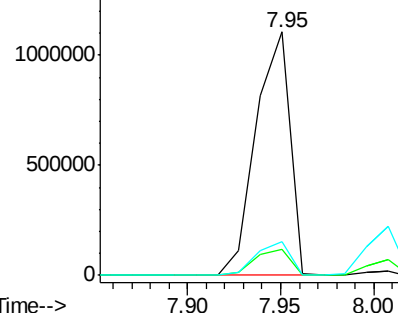
Tot Ion:128 Resp: 1398764
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.7 11.1 16.7

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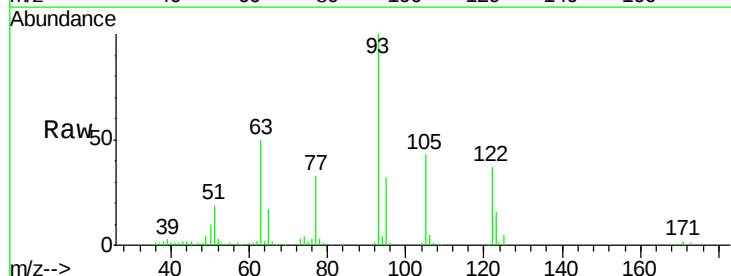


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

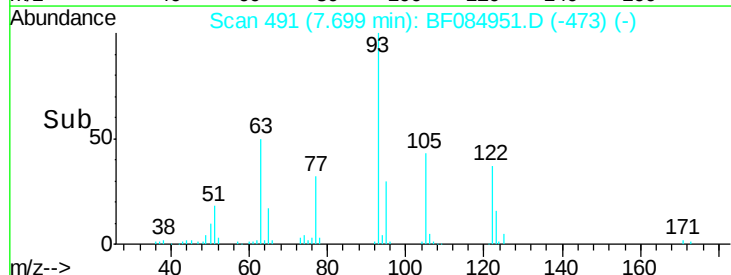
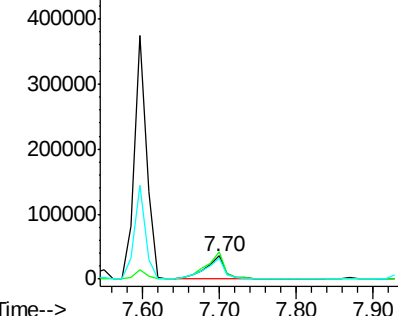


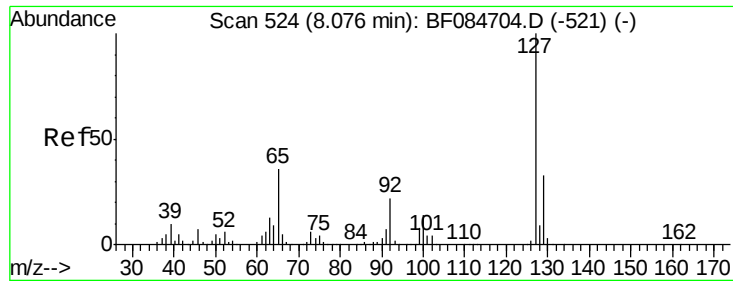
#32
Benzoic acid
Concen: 9.31 ng
RT: 7.70 min Scan# 491
Delta R.T. -0.09 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Tgt Ion:122 Resp: 65044
Ion Ratio Lower Upper
122 100
105 118.2 100.3 140.3
77 89.8 63.5 103.5



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





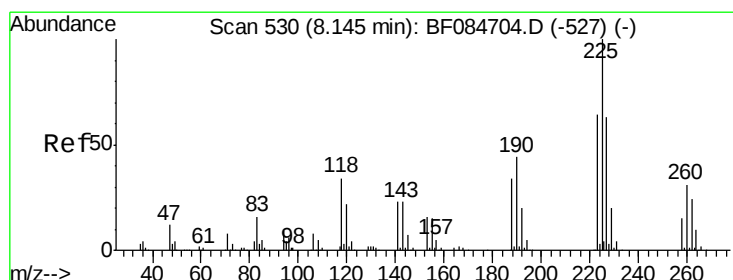
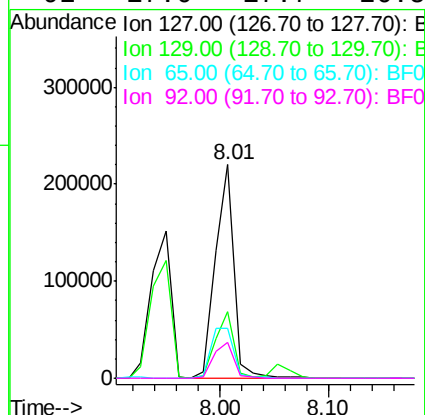
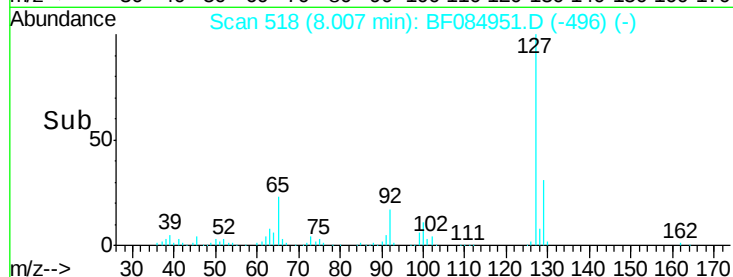
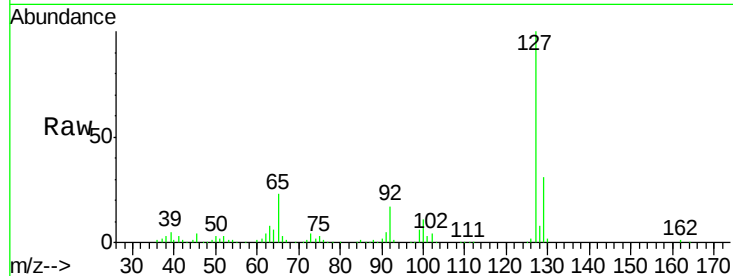
#33
4-Chloroaniline
Concen: 18.97 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.05 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	26.5	39.7		
65	23.2	27.2	40.8		
92	17.0	17.7	26.5		

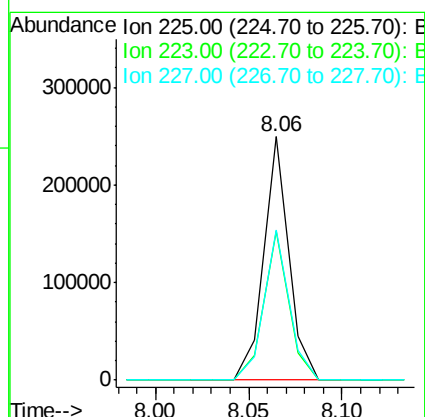
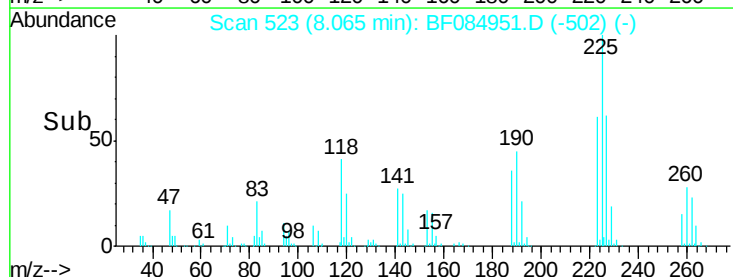
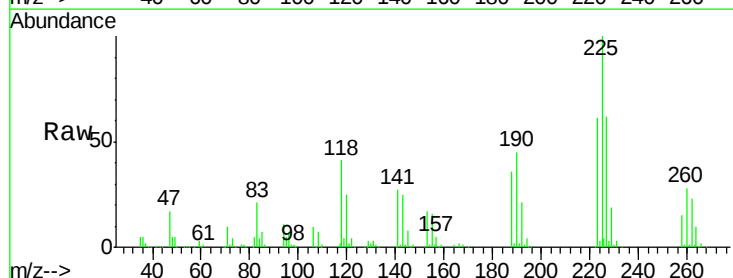
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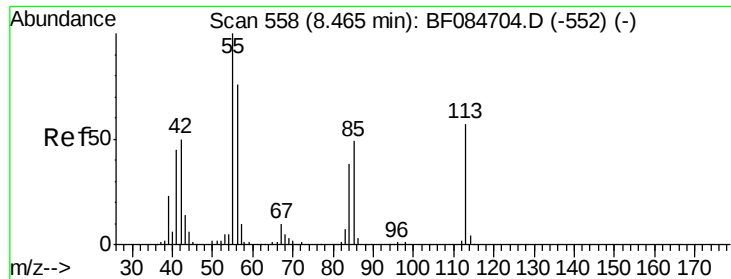
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#34
Hexachlorobutadiene
Concen: 38.01 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.06 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.4	49.4	74.0		
227	61.6	50.8	76.2		





#35

Caprolactam

Concen: 44.43 ng/ml

RT: 8.38 min Scan# 551

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

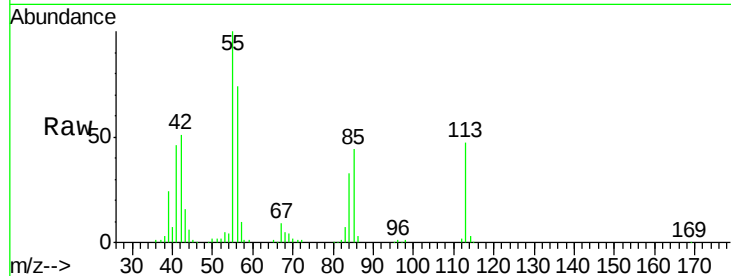
ClientSampled :

SB03-2-3MS

Tot Ion:	113	Resp:	127940
Ion Ratio	Lower	Upper	
113	100		
55	210.6	116.9	156.9#
56	156.8	93.8	133.8#

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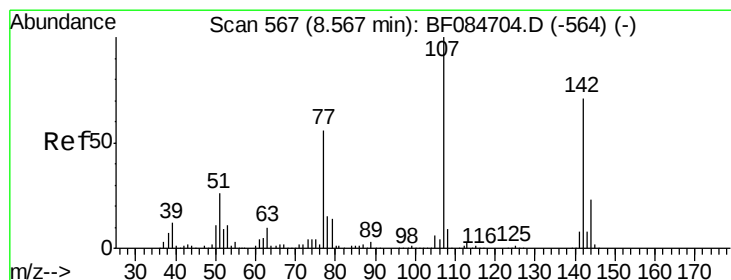
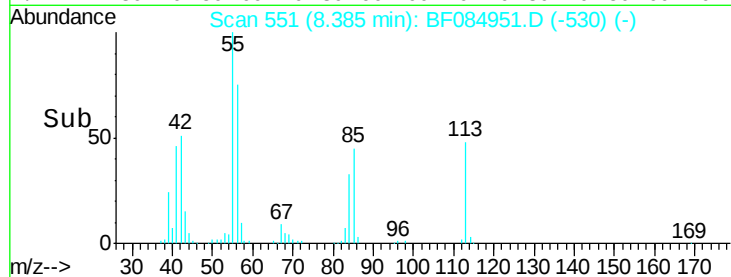
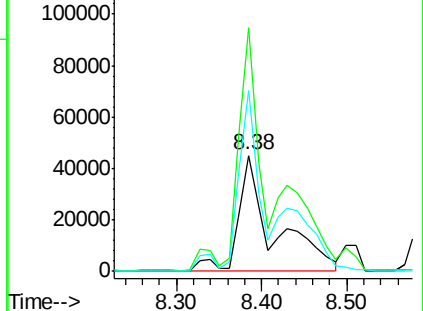
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.05 ng/ml

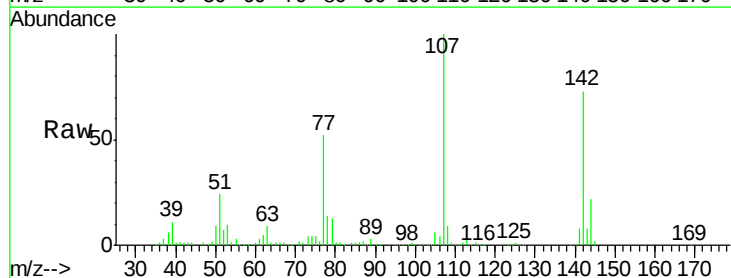
RT: 8.50 min Scan# 561

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

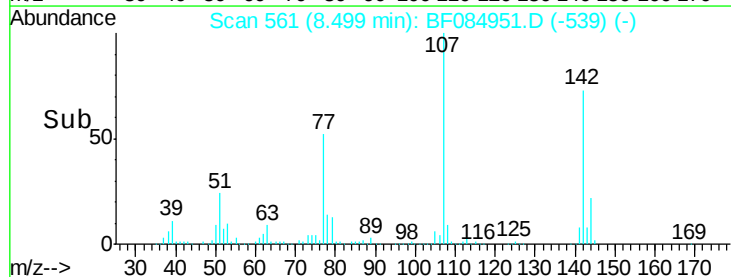
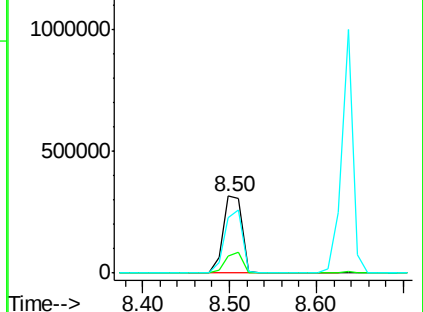
Tgt Ion:	107	Resp:	480111
Ion Ratio	Lower	Upper	
107	100		
144	22.5	19.7	29.5
142	72.6	61.8	92.6

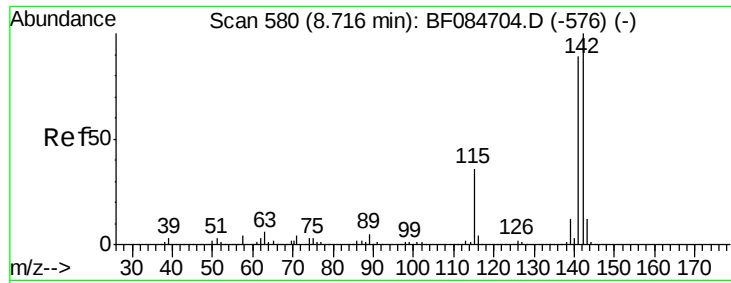


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





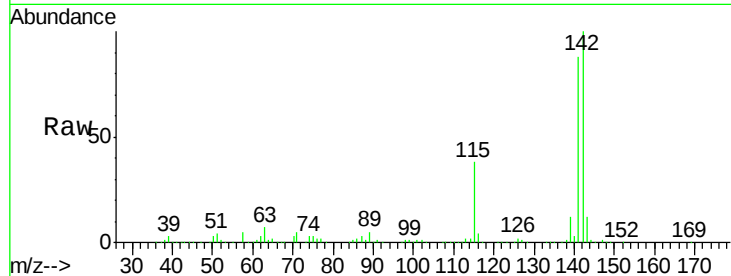
#37
2-Methylnaphthalene
Concen: 43.80 ng
RT: 8.64 min Scan# 573
Delta R.T. -0.06 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MS

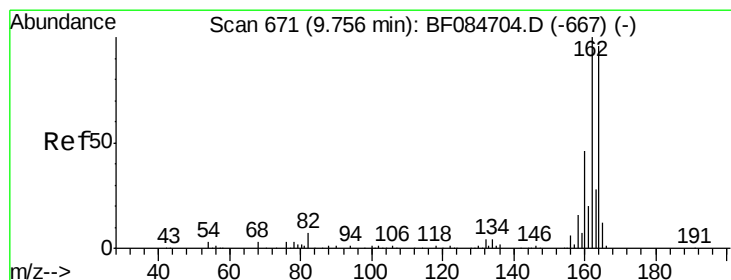
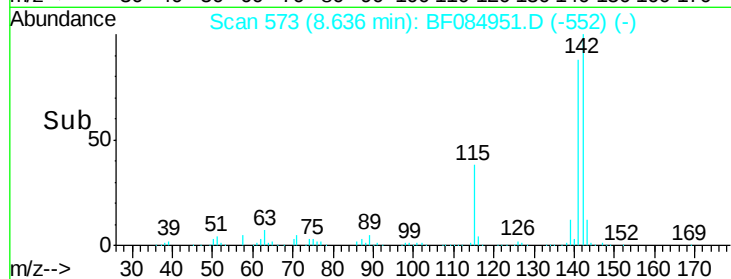
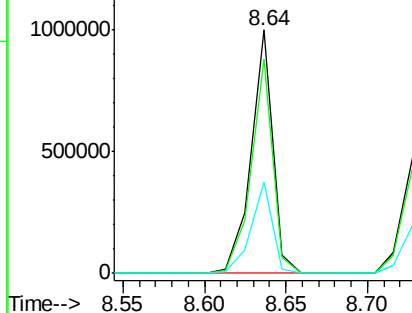
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.4	108.6
115	37.7	27.9	41.9

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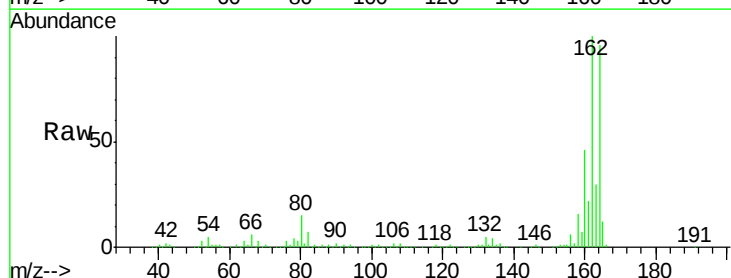


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

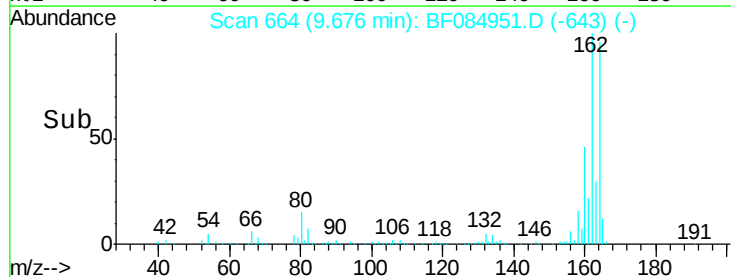
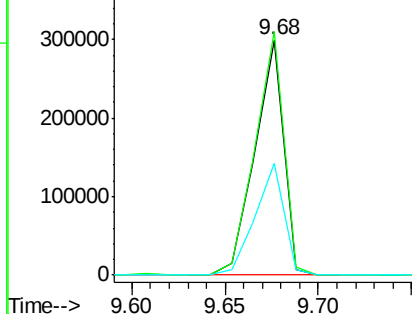


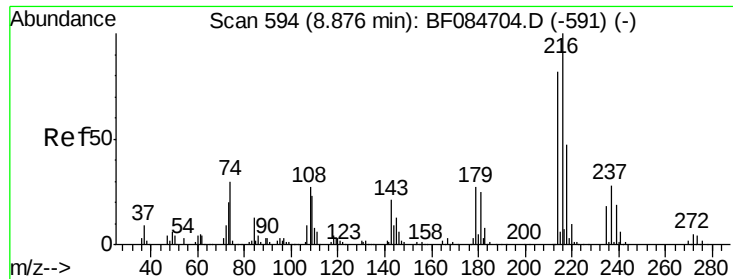
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.06 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	85.1	127.7
160	47.5	37.5	56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





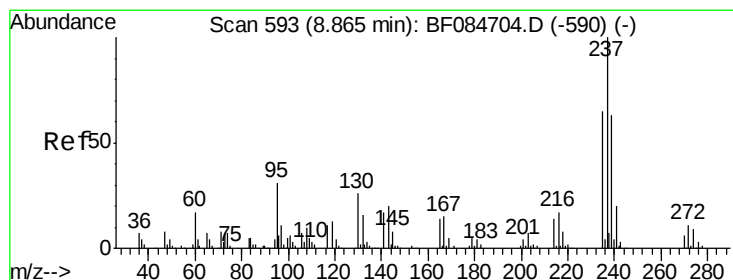
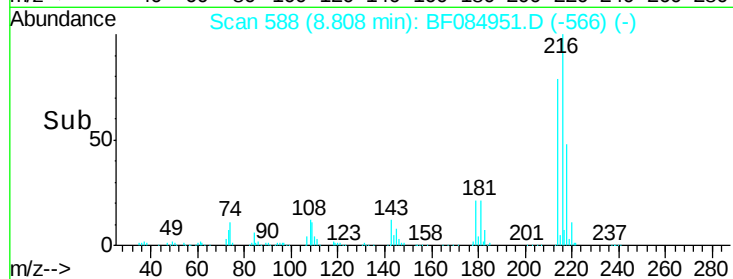
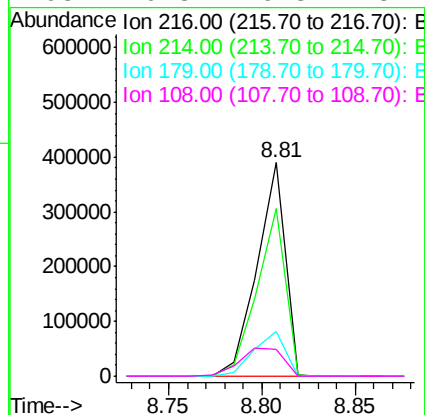
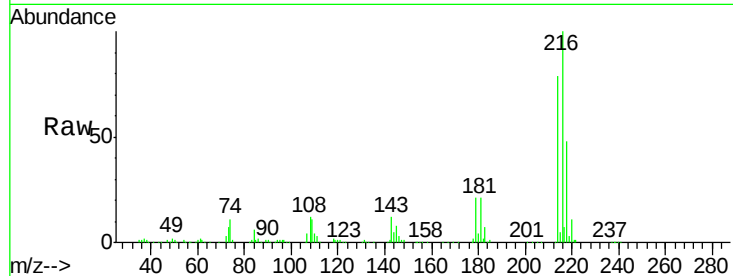
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.57 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.05 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MS

Tot Ion:	216	Resp:	407891
Ion Ratio	Lower	Upper	
216	100		
214	79.1	64.2	96.2
179	23.4	18.7	28.1
108	20.3	16.8	25.2

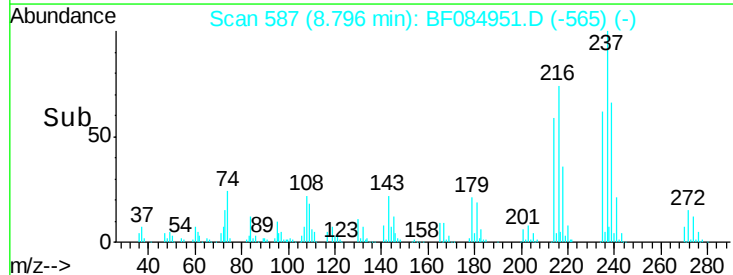
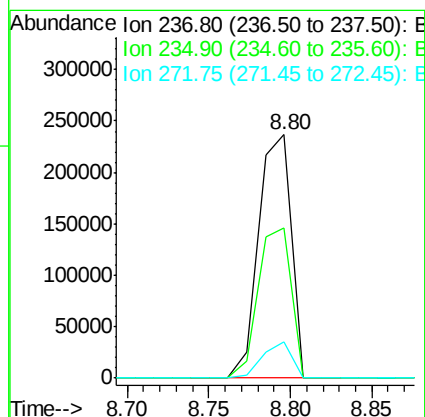
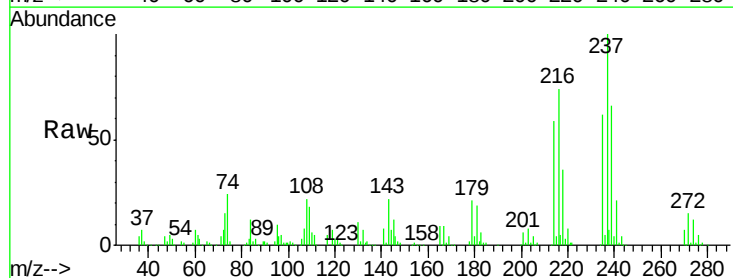
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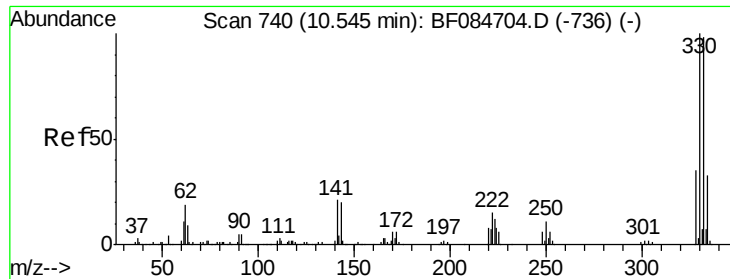
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#40
 Hexachlorocyclopentadiene
 Concen: 75.72 ng
 RT: 8.80 min Scan# 587
 Delta R.T. -0.05 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Tgt Ion:	237	Resp:	328742
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.1	83.1
272	15.0	0.0	35.1





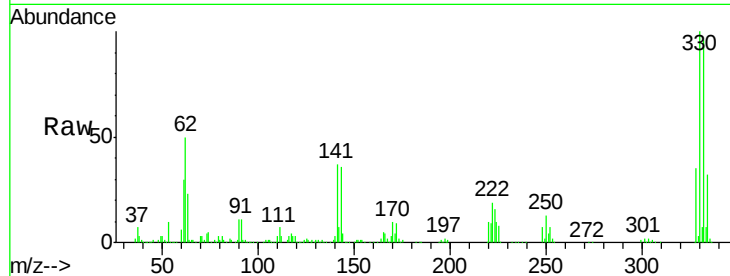
#41
 2,4,6-Tribromophenol
 Concen: 129.78 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.06 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MS

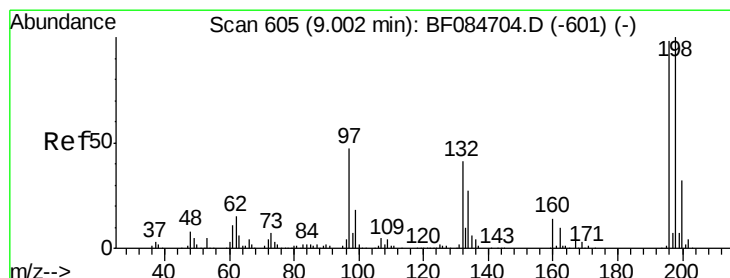
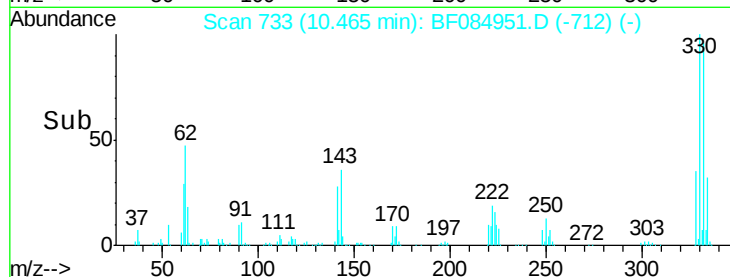
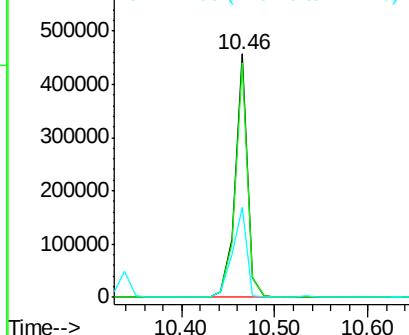
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	76.6	114.8	
141	42.1	27.8	41.6	

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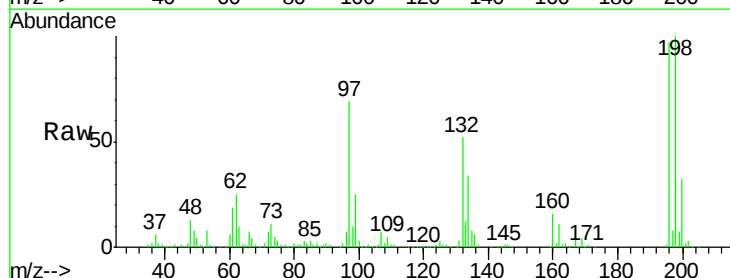


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

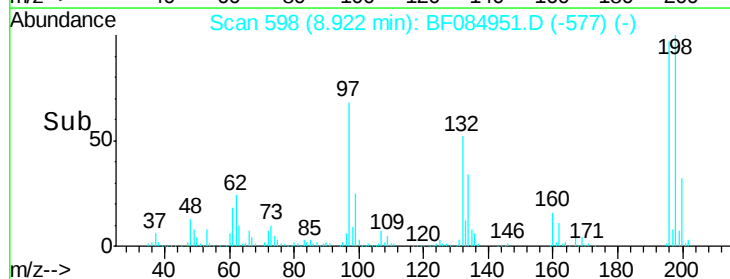
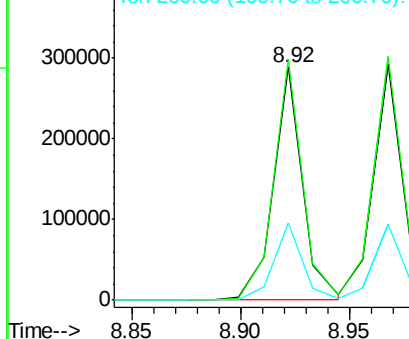


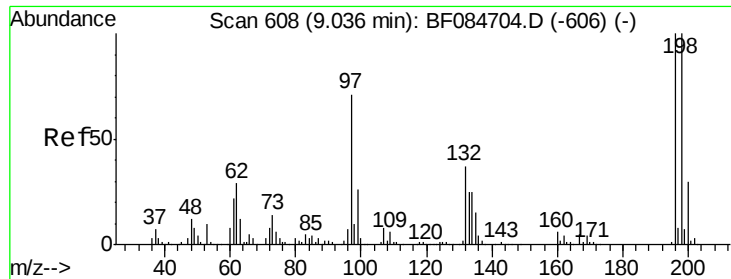
#42
 2,4,6-Trichlorophenol
 Concen: 41.78 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.06 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	103.6	77.7	116.5	
200	33.4	24.6	37.0	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





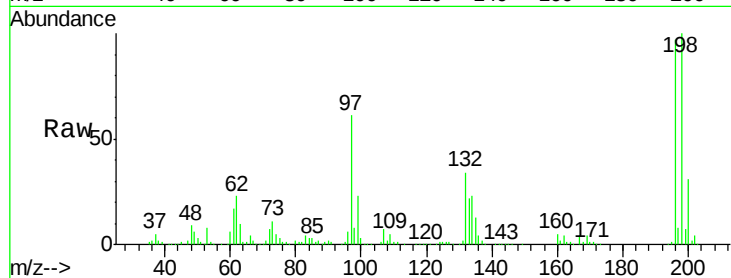
#43
 2,4,5-Trichlorophenol
 Concen: 41.67 ng
 RT: 8.97 min Scan# 602
 Delta R.T. -0.05 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Instrument :
 BNA_F
 ClientSampleID :
 SB03-2-3MS

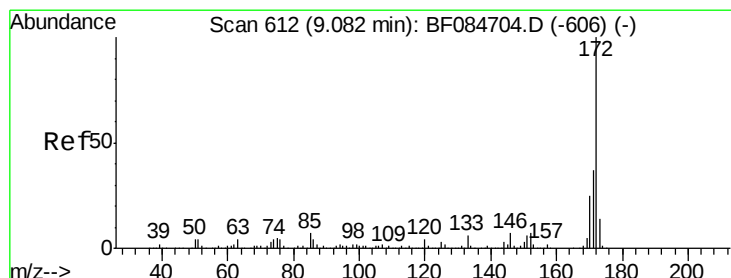
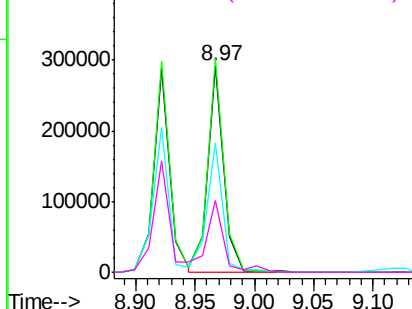
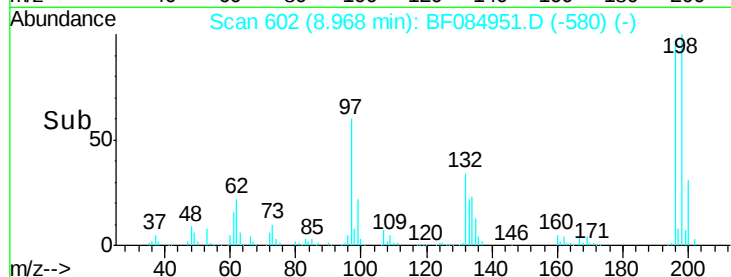
Tot Ion	Ratio	Resp	Lower	Upper
196	100	274263		
198	103.4	79.0	118.6	
97	62.6	33.0	49.6	#
132	34.9	21.1	31.7	#

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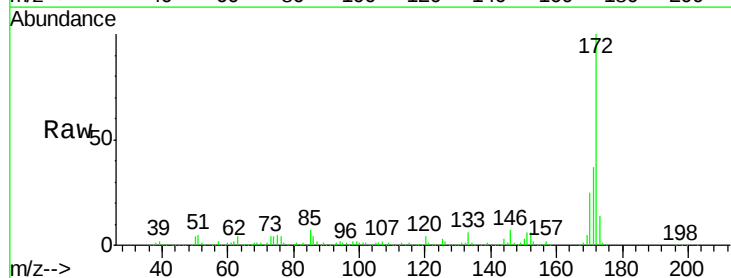


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

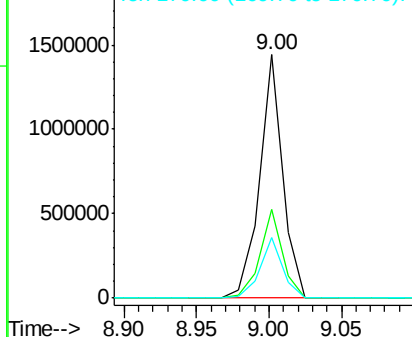
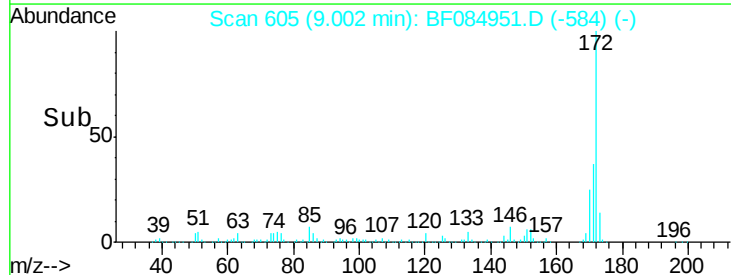


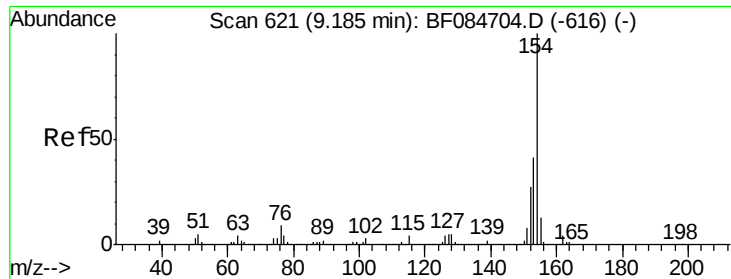
#44
 2-Fluorobiphenyl
 Concen: 83.70 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.06 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1581779		
171	36.6	28.9	43.3	
170	24.9	18.6	27.8	



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





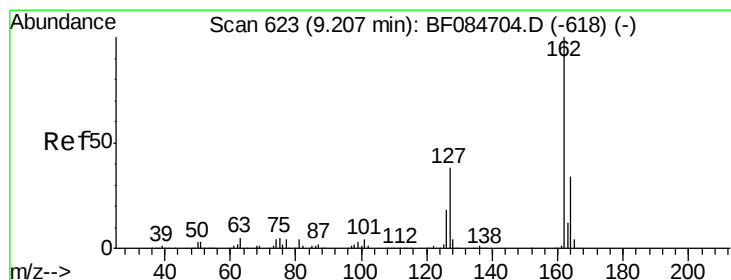
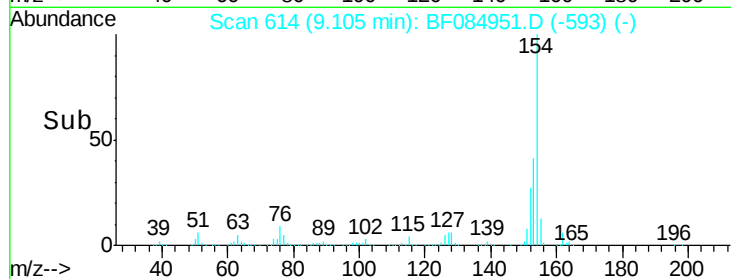
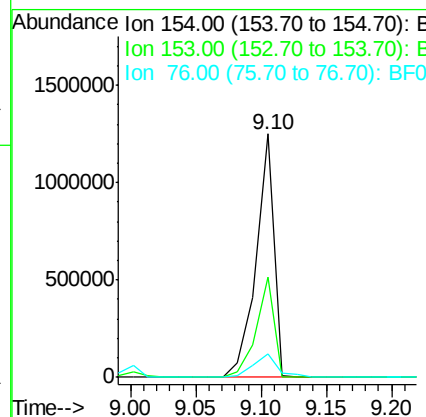
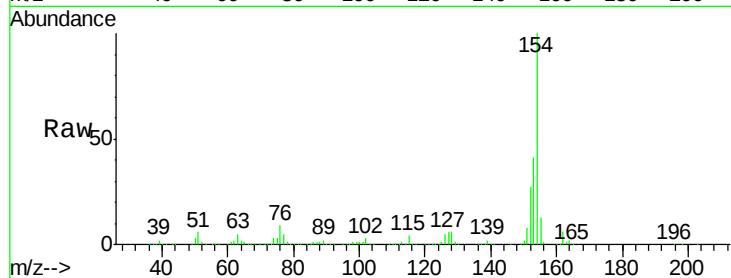
#45
 1,1'-Biphenyl
 Concen: 42.26 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.06 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.6	61.6
76	9.5	0.0	32.7

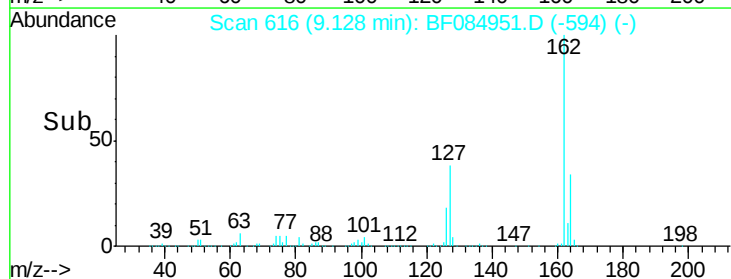
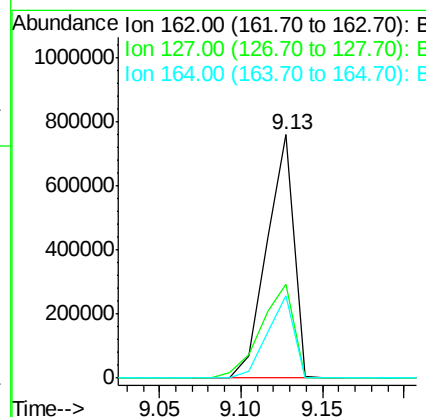
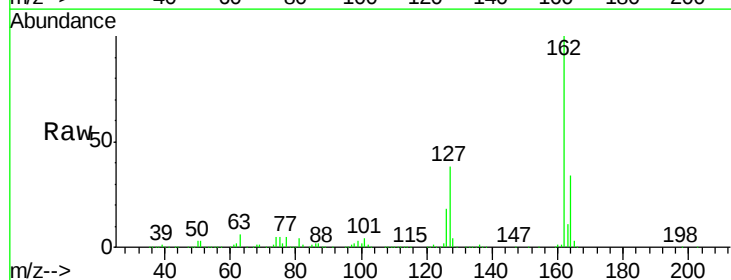
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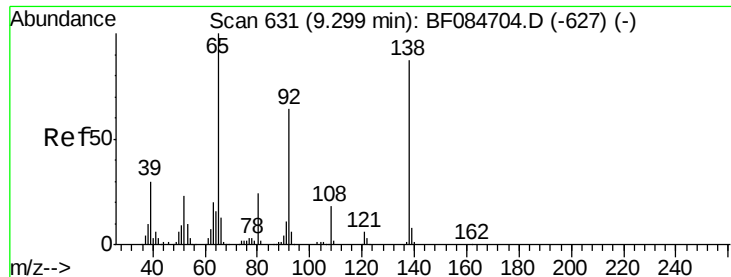
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#46
 2-Chloronaphthalene
 Concen: 42.16 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

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





#47

2-Nitroaniline

Concen: 47.80 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

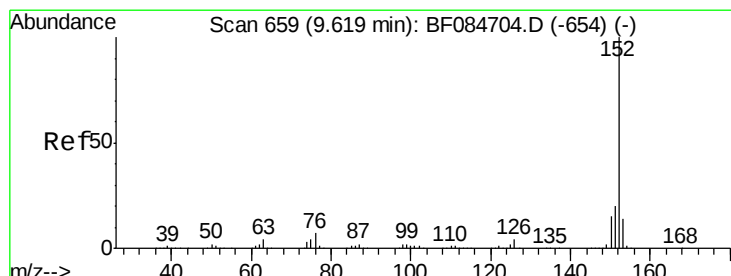
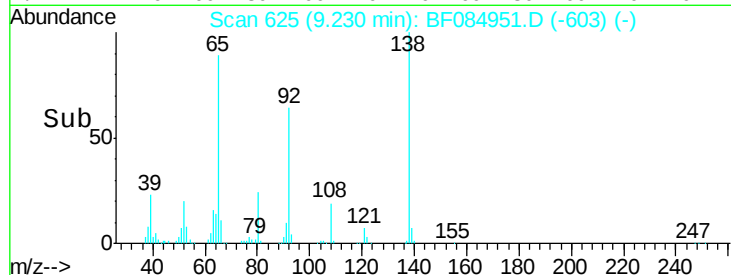
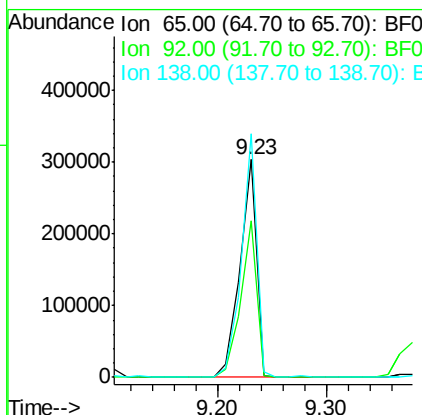
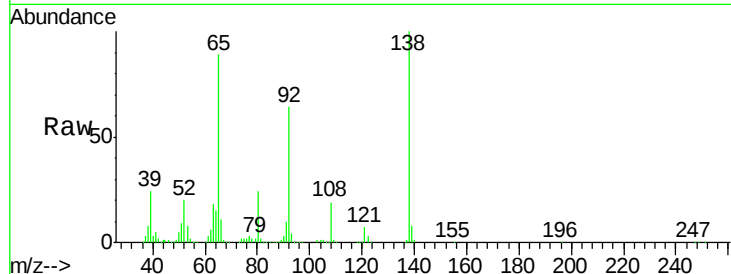
ClientSampleId :

SB03-2-3MS

Tot Ion:	65	Resp:	315169
Ion Ratio	Lower	Upper	
65	100		
92	71.7	53.4	80.2
138	111.9	71.1	106.7

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#48

Acenaphthylene

Concen: 42.38 ng

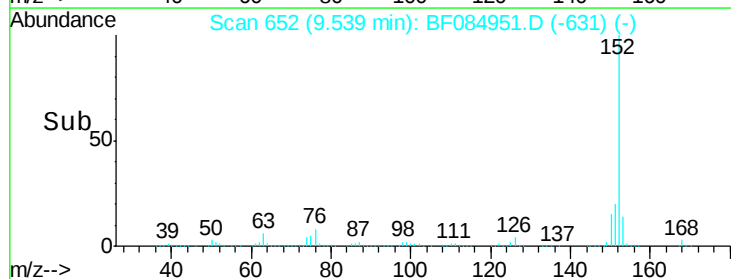
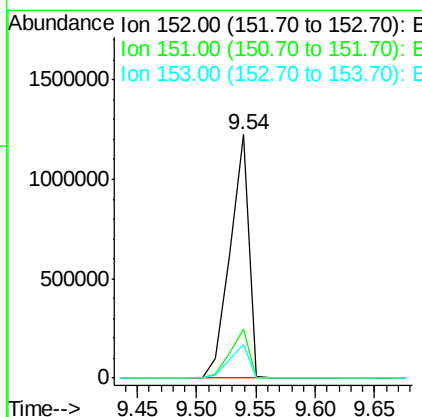
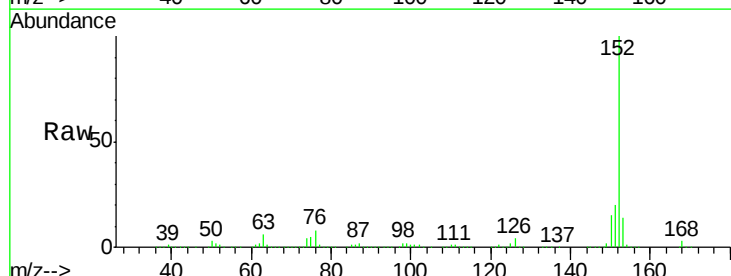
RT: 9.54 min Scan# 652

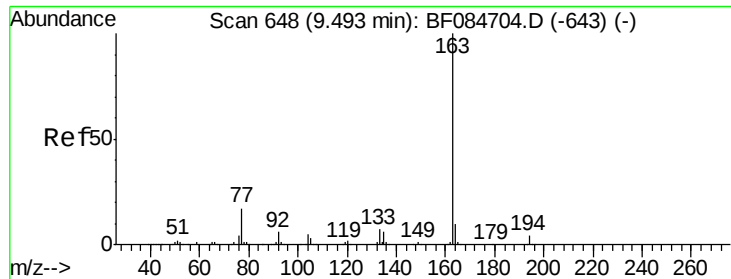
Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion:	152	Resp:	1339101
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.3	24.5
153	13.8	10.4	15.6





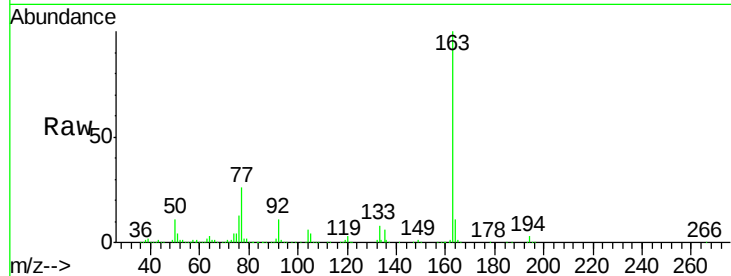
#49
Dimethylphthalate
Concen: 49.31 ng
RT: 9.41 min Scan# 641
Delta R.T. -0.06 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MS

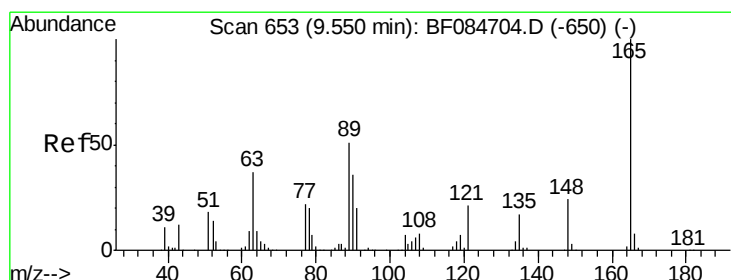
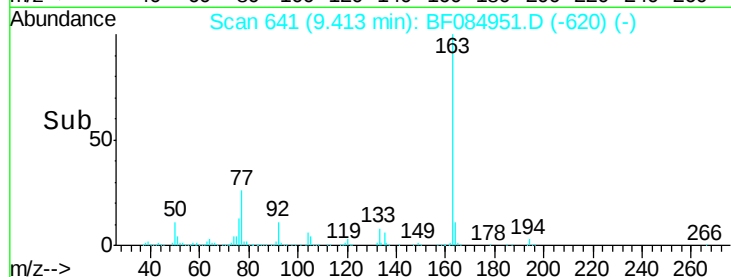
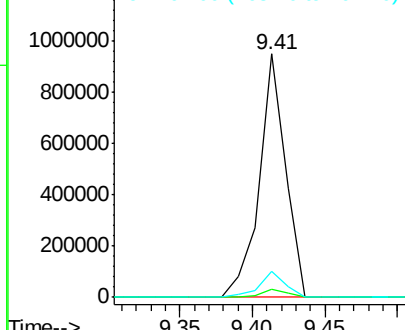
Tot Ion:163 Resp: 1189046
Ion Ratio Lower Upper
163 100
194 3.2 8.0 12.0#
164 10.8 8.0 12.0

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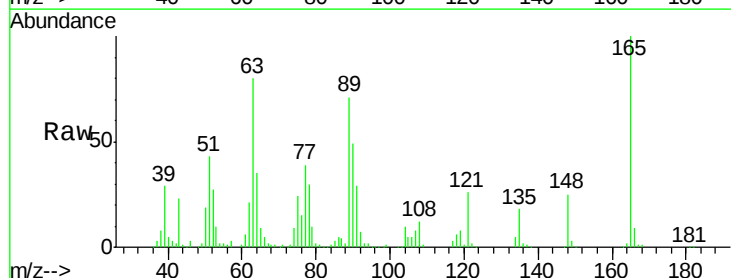


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

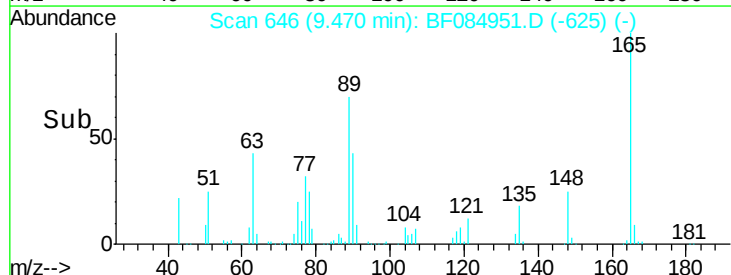
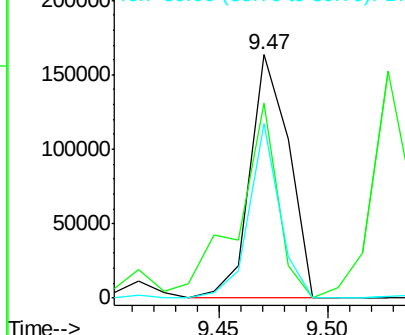


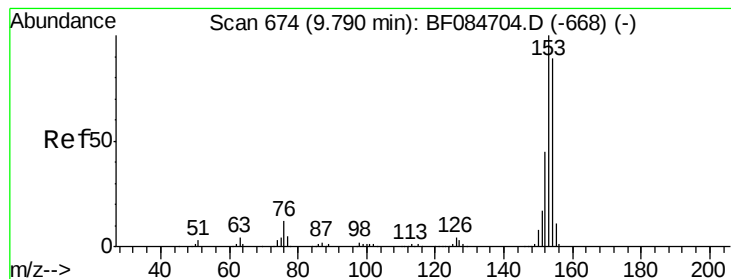
#50
2,6-Dinitrotoluene
Concen: 38.66 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.06 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Tgt Ion:165 Resp: 203613
Ion Ratio Lower Upper
165 100
63 79.8 28.8 43.2#
89 71.4 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: 41.45 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

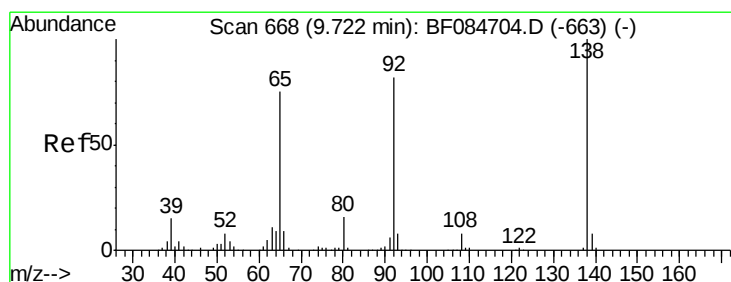
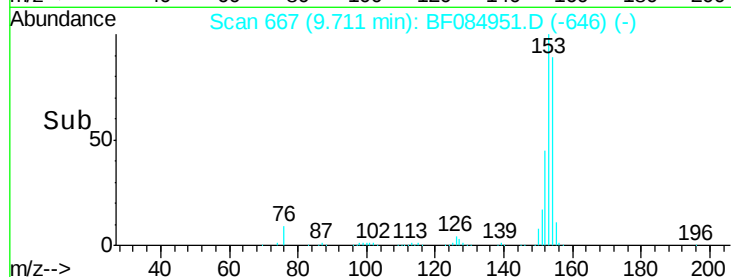
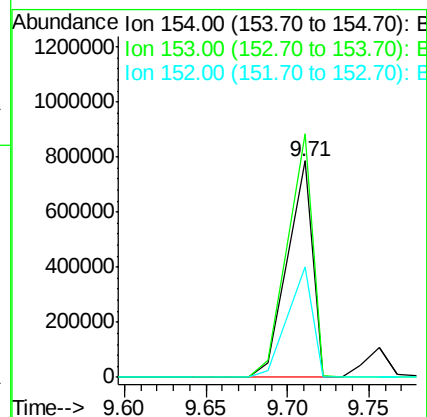
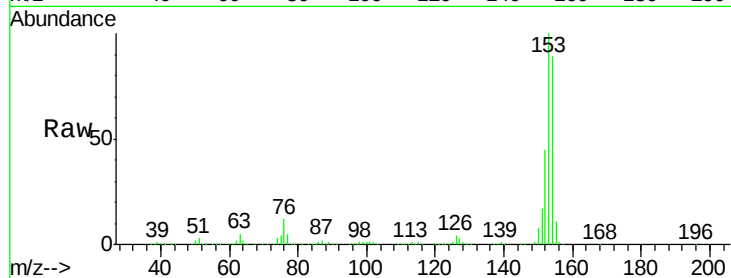
ClientSampleID :

SB03-2-3MS

Tot Ion:	154	Resp:	852169
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.5	137.3
152	51.1	43.0	64.6

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#52

3-Nitroaniline

Concen: 31.13 ng

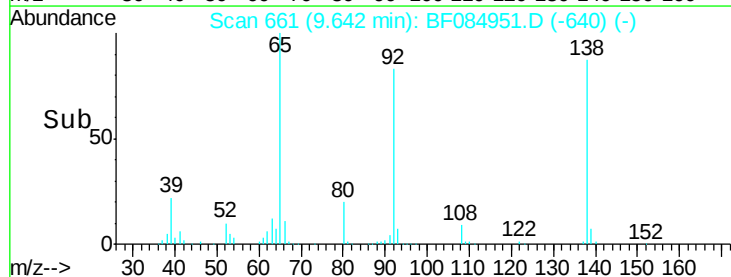
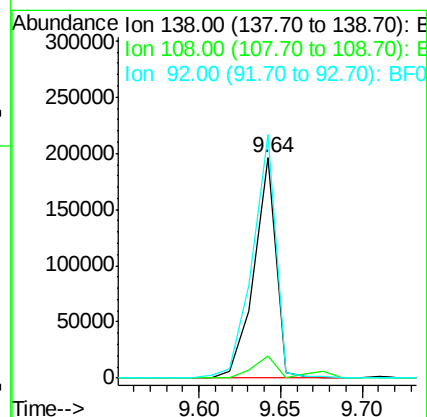
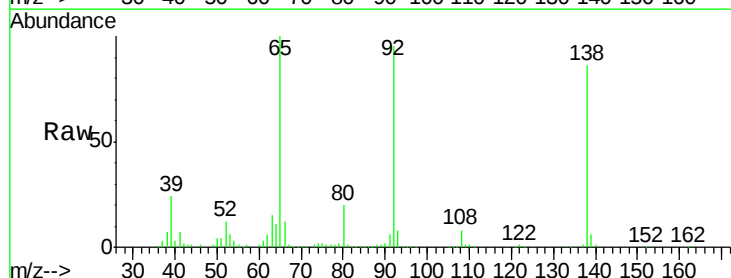
RT: 9.64 min Scan# 661

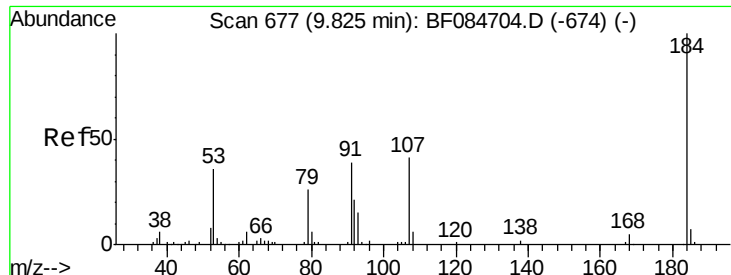
Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion:	138	Resp:	184288
Ion Ratio	Lower	Upper	
138	100		
108	9.9	10.5	15.7#
92	110.6	103.9	155.9





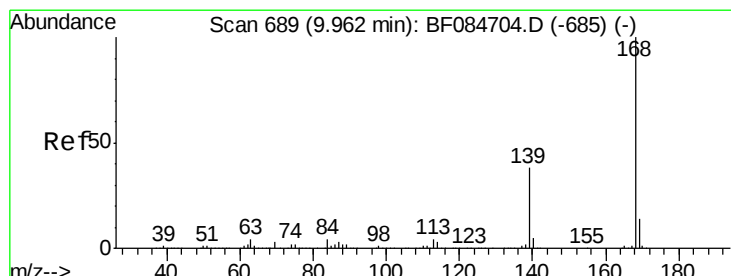
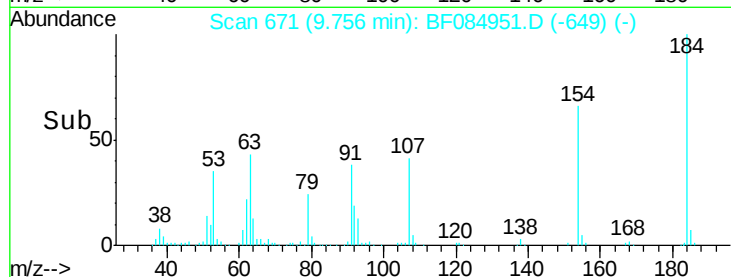
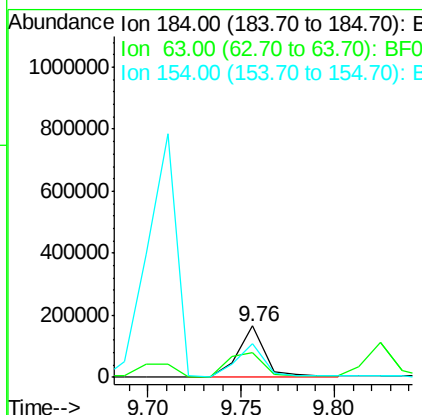
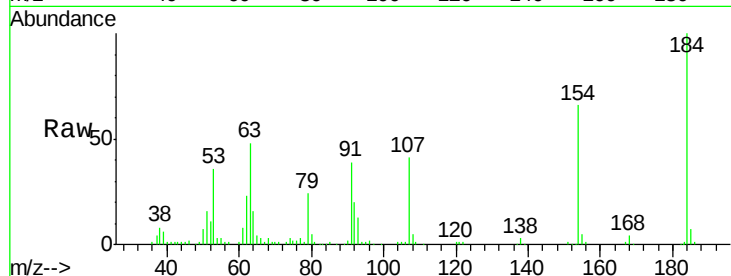
#53
2,4-Dinitrophenol
Concen: 71.85 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.05 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	173139		
63	47.7	43.1	64.7	
154	66.2	60.5	90.7	

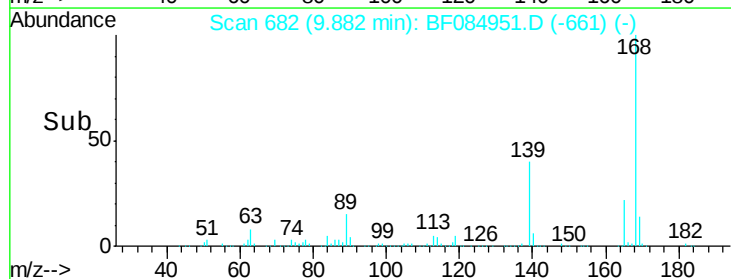
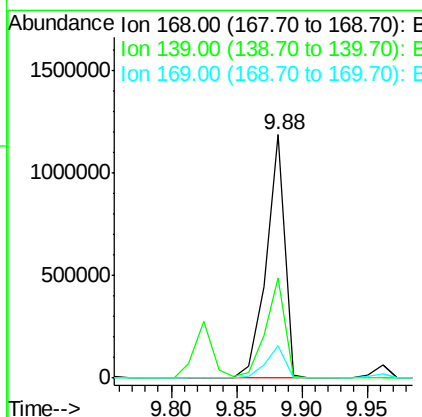
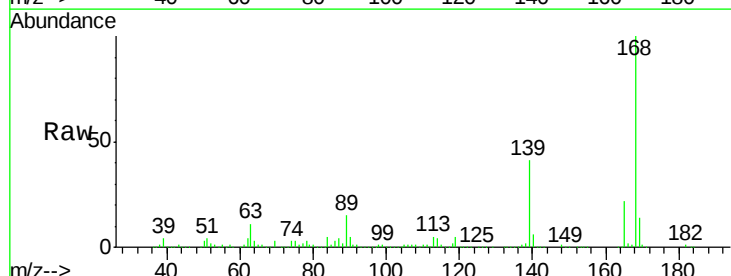
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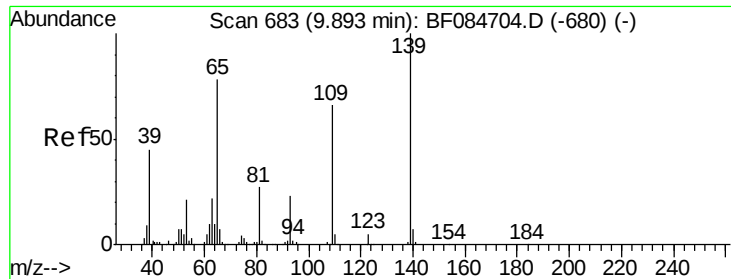
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#54
Dibenzofuran
Concen: 46.65 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.06 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1172066		
139	40.9	30.5	45.7	
169	13.5	10.4	15.6	





#55

4-Nitrophenol

Concen: 62.83 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

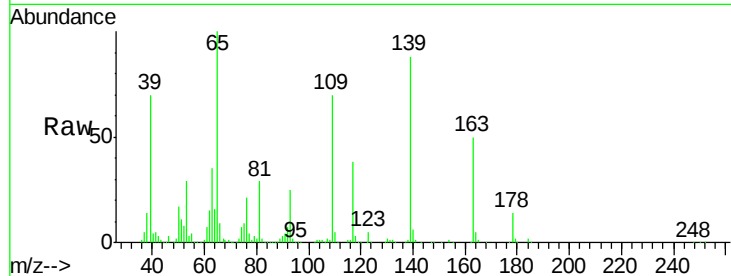
ClientSampleId :

SB03-2-3MS

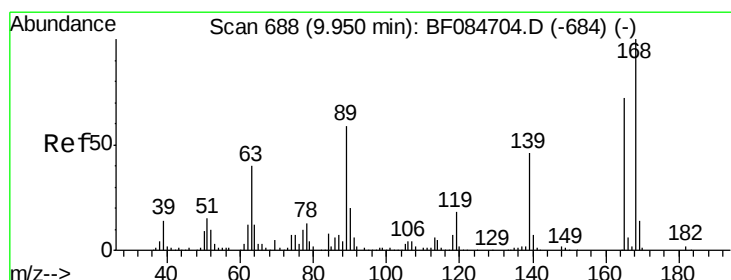
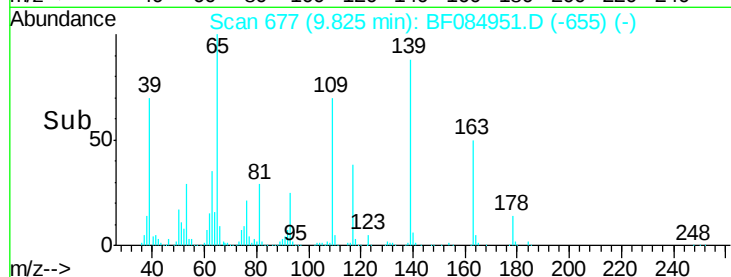
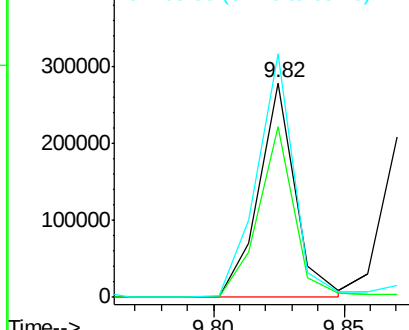
Tot Ion:	139	Resp:	273317
Ion Ratio	Lower	Upper	
139	100		
109	79.4	58.5	98.5
65	113.4	57.6	97.6#

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



#56

2,4-Dinitrotoluene

Concen: 44.99 ng

RT: 9.88 min Scan# 682

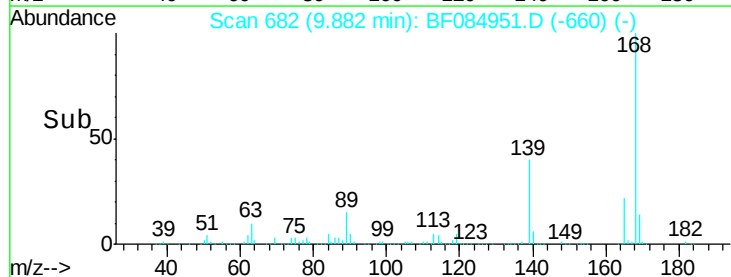
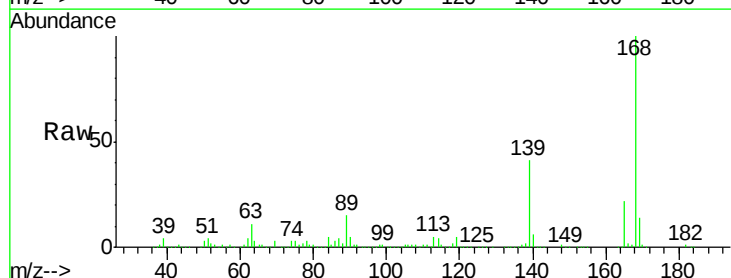
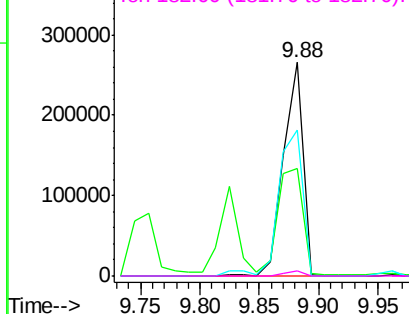
Delta R.T. -0.05 min

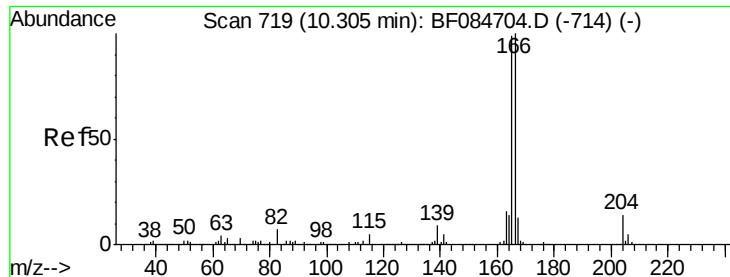
Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion:	165	Resp:	302280
Ion Ratio	Lower	Upper	
165	100		
63	50.4	36.7	55.1
89	68.2	61.9	92.9
182	2.3	2.0	3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.30 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

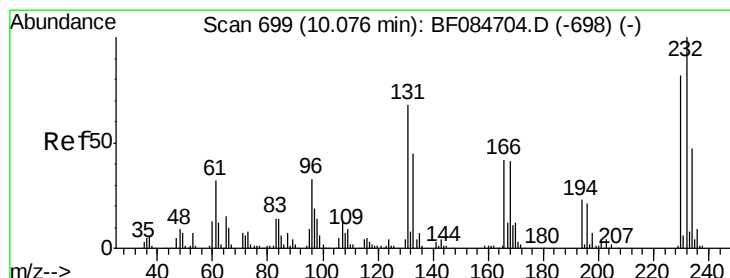
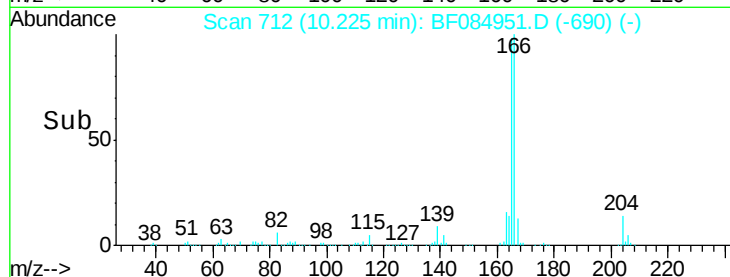
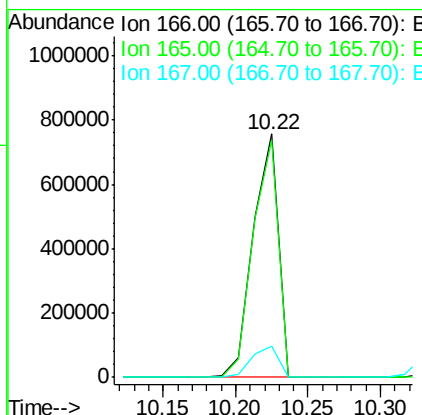
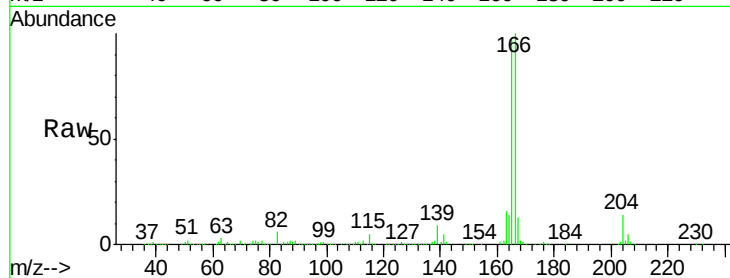
ClientSampled :

SB03-2-3MS

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Tot Ion:	166	Resp:	908451
Ion Ratio	Lower	Upper	
166	100		
165	97.2	79.1	118.7
167	13.0	10.4	15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.11 ng

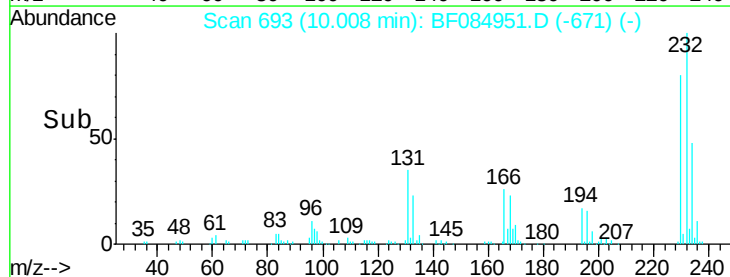
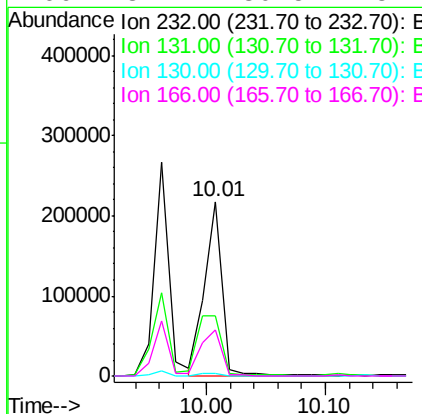
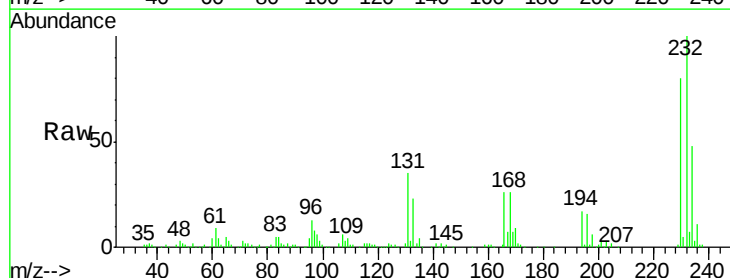
RT: 10.01 min Scan# 693

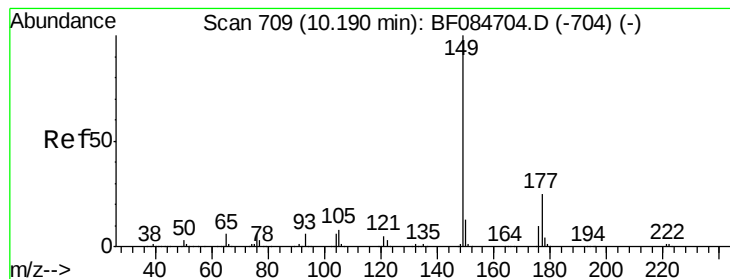
Delta R.T. -0.05 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion:	232	Resp:	226013
Ion Ratio	Lower	Upper	
232	100		
131	50.1	47.0	70.6
130	2.3	2.0	3.0
166	31.1	30.5	45.7





#59

Diethylphthalate

Concen: 39.61 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

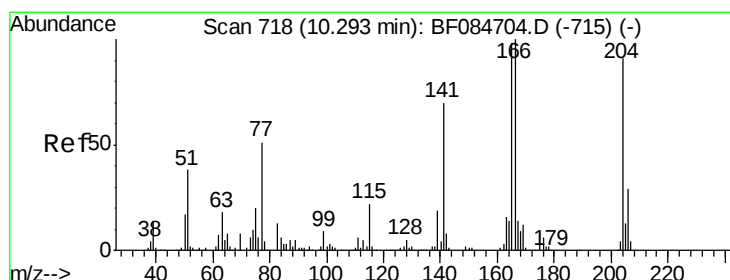
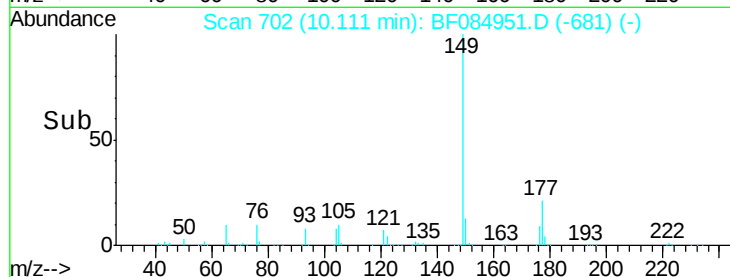
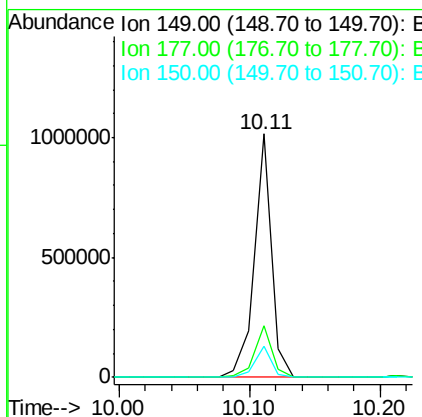
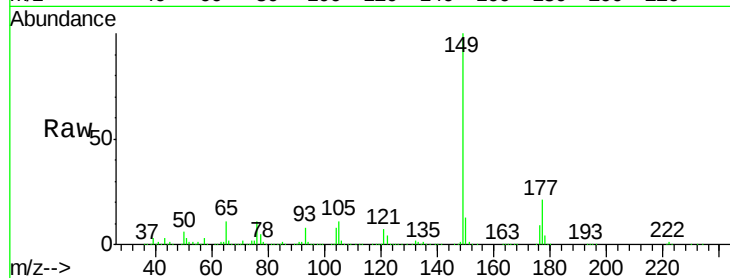
ClientSampled :

SB03-2-3MS

Tot Ion:	149	Resp:	932614
Ion Ratio	Lower	Upper	
149	100		
177	21.3	17.3	25.9
150	12.8	9.8	14.8

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#60

4-Chlorophenyl-phenylether

Concen: 41.15 ng

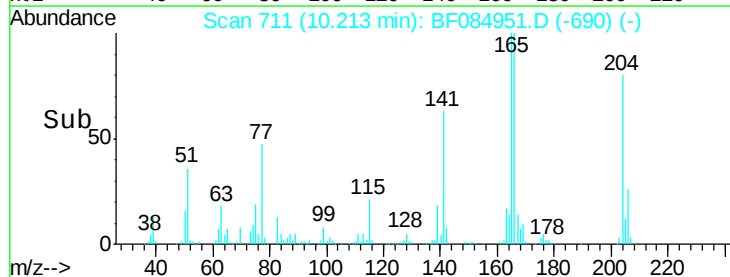
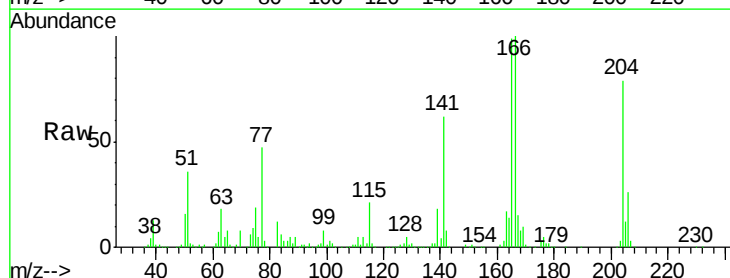
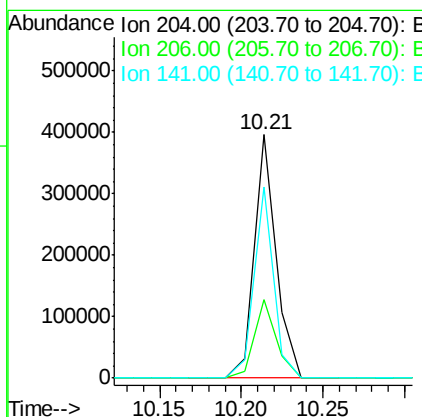
RT: 10.21 min Scan# 711

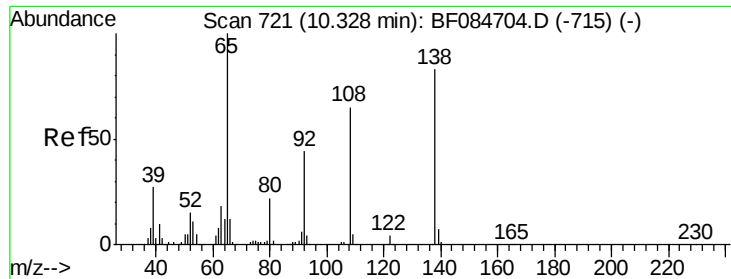
Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion:	204	Resp:	368227
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.7	38.5
141	78.7	55.1	82.7





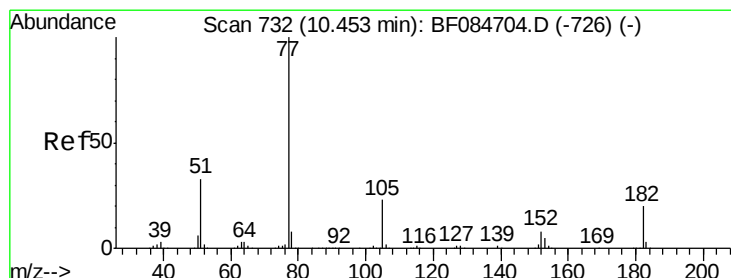
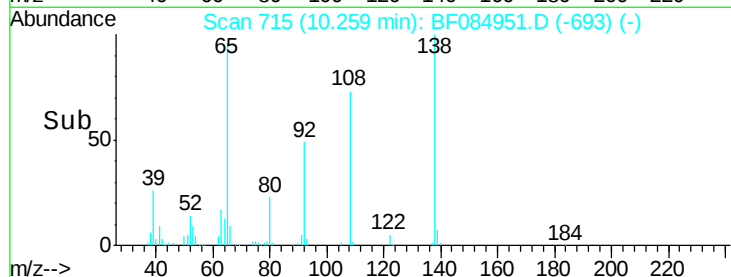
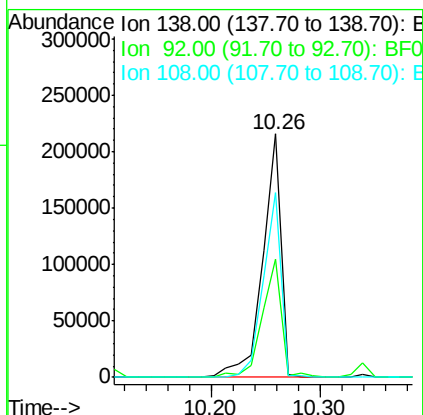
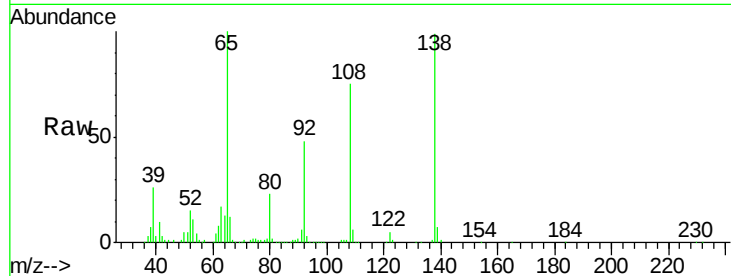
#61
4-Nitroaniline
Concen: 44.55 ng
RT: 10.26 min Scan# 715
Delta R.T. -0.05 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.7	32.6	72.6
108	76.1	68.6	108.6

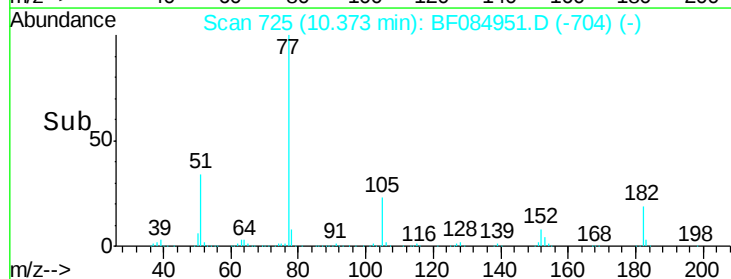
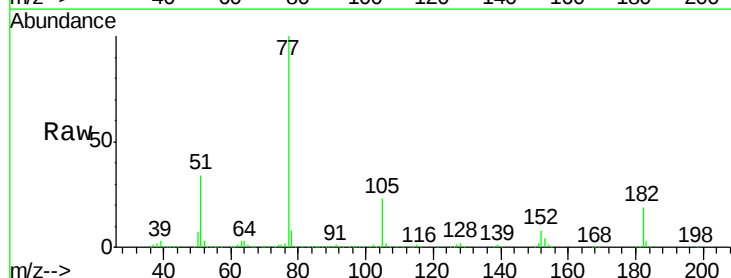
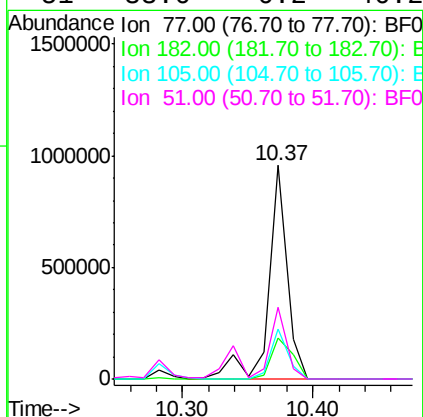
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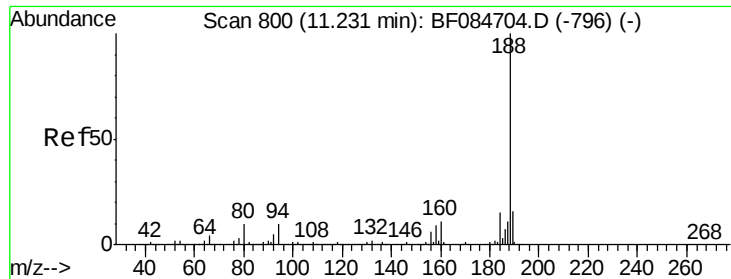
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#62
Azobenzene
Concen: 42.76 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.06 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.5	8.3	48.3
105	23.2	4.6	44.6
51	33.6	6.2	46.2





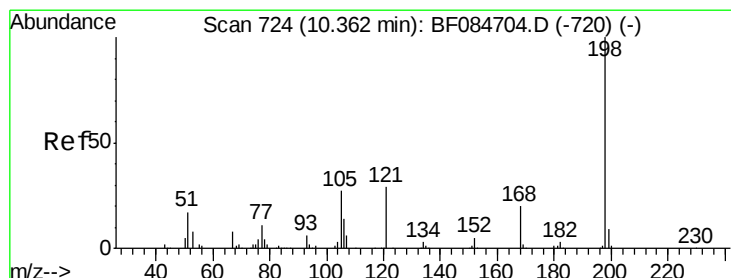
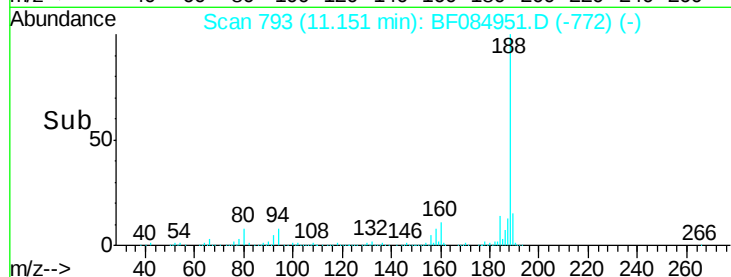
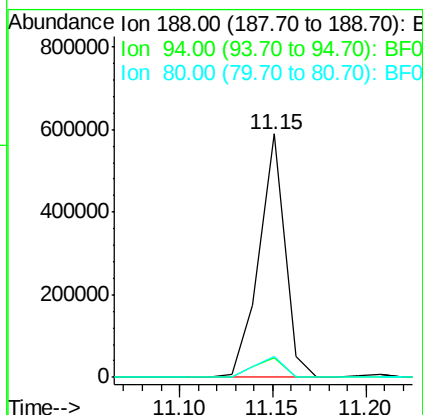
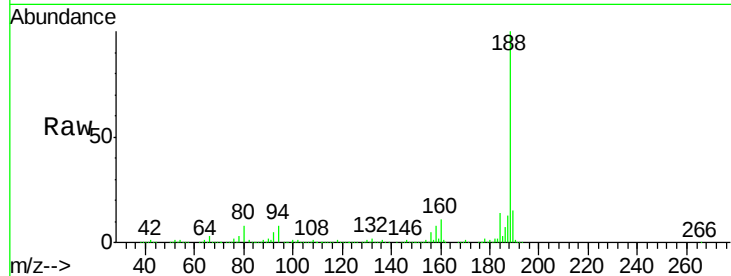
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 793
Delta R.T. -0.06 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.4	9.6	14.4#

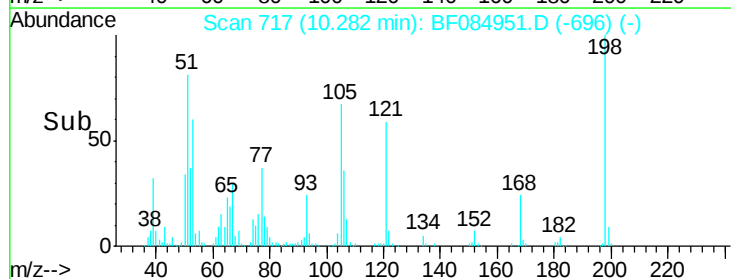
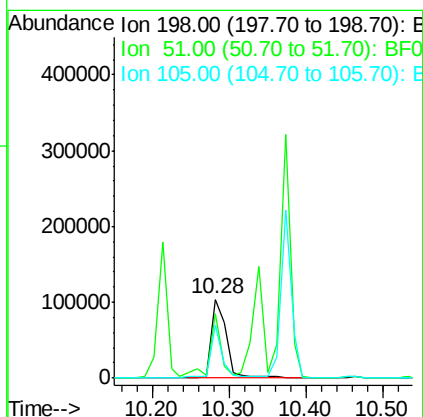
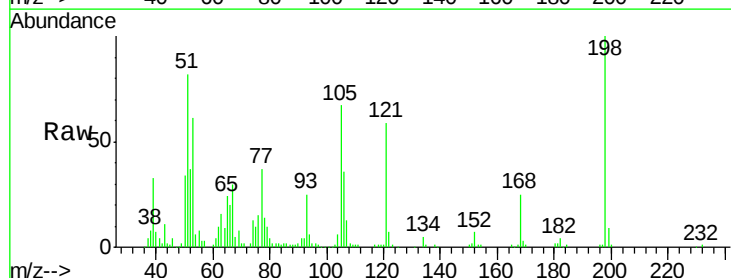
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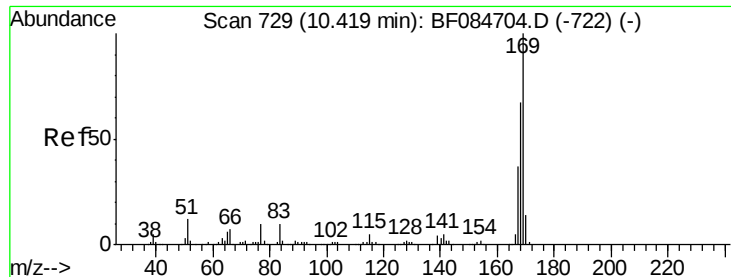
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.11 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.06 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	81.5	18.9	58.9#
105	67.0	26.4	66.4#





#65

n-Nitrosodiphenylamine

Concen: 42.73 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

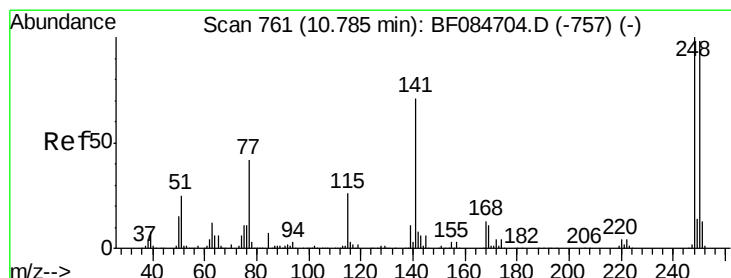
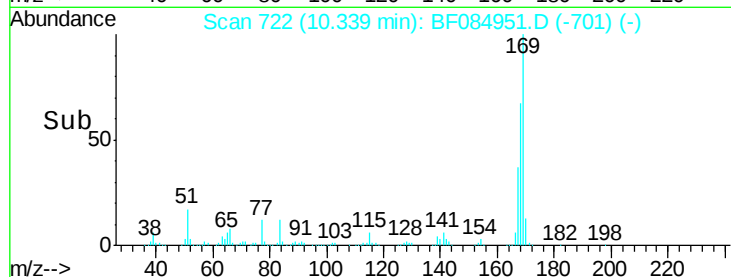
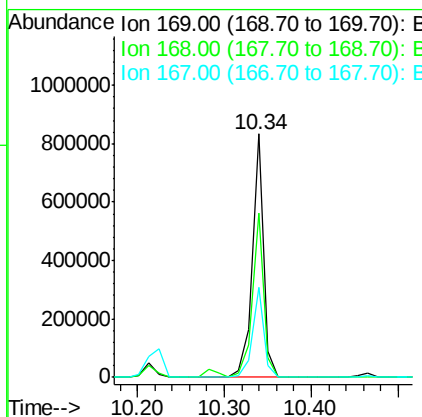
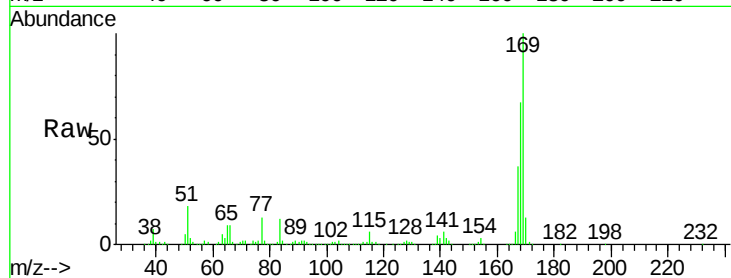
ClientSampled :

SB03-2-3MS

Tot Ion:	169	Resp:	765180
Ion Ratio	Lower	Upper	
169	100		
168	67.3	55.1	82.7
167	37.1	30.0	45.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 44.17 ng

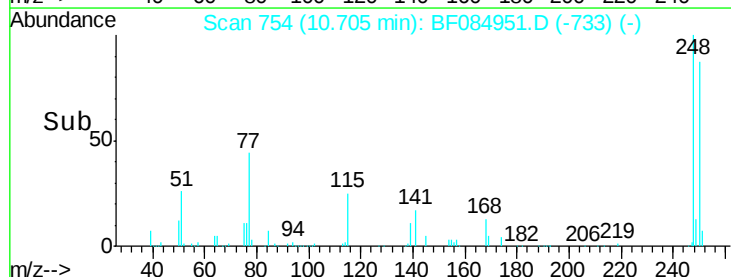
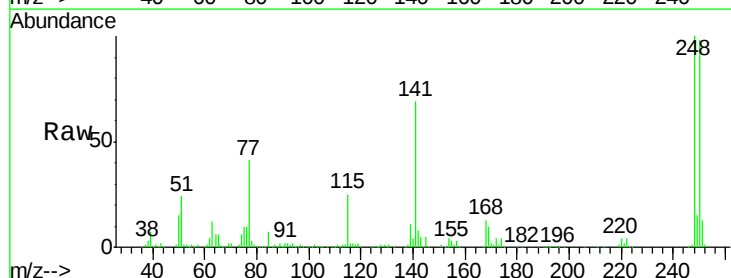
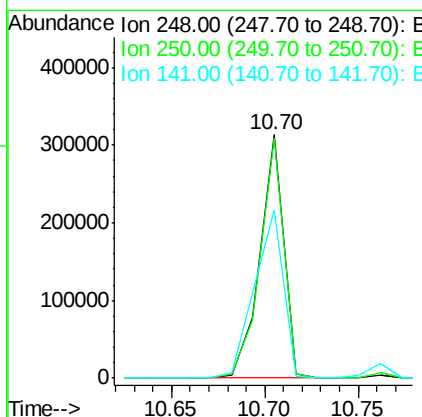
RT: 10.70 min Scan# 754

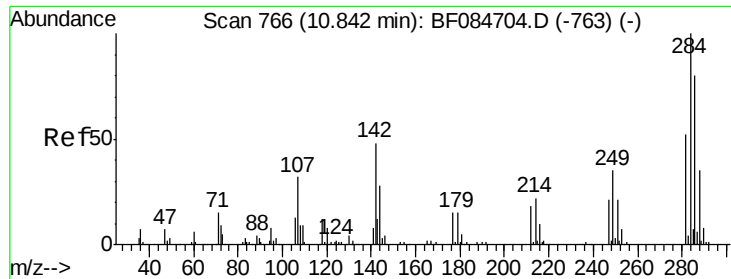
Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion:	248	Resp:	275096
Ion Ratio	Lower	Upper	
248	100		
250	98.3	78.4	117.6
141	69.2	44.0	66.0#





#67

Hexachlorobenzene

Concen: 39.13 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

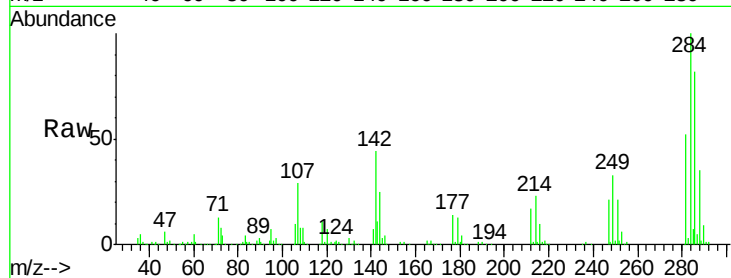
ClientSampleId :

SB03-2-3MS

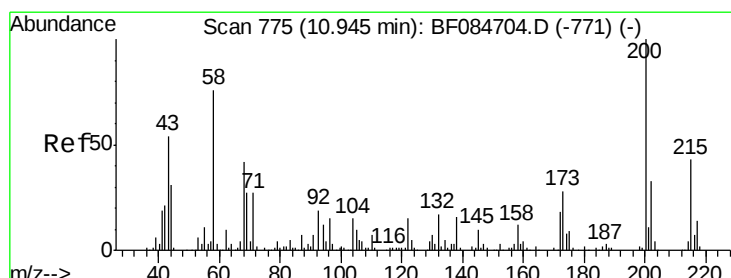
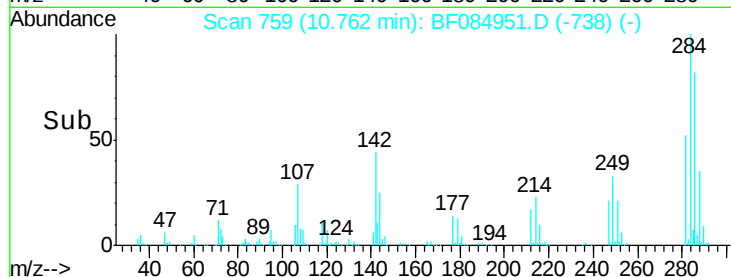
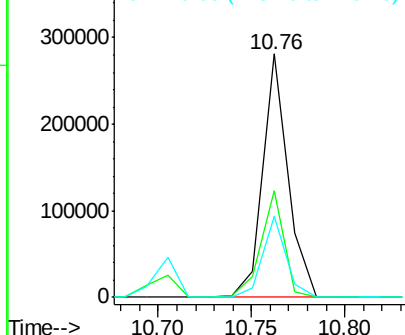
Tot Ion:	284	Resp:	265572
Ion Ratio		Lower	Upper
284	100		
142	43.7	22.2	33.4#
249	33.4	24.6	37.0

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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: 50.05 ng

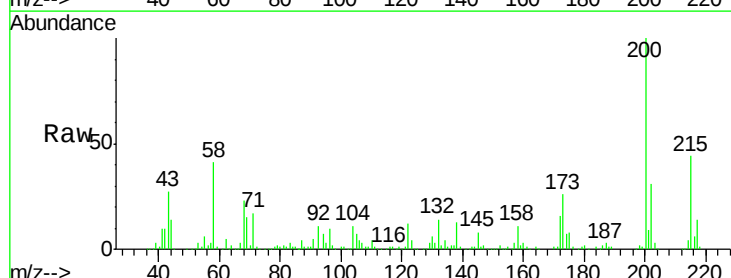
RT: 10.88 min Scan# 769

Delta R.T. -0.05 min

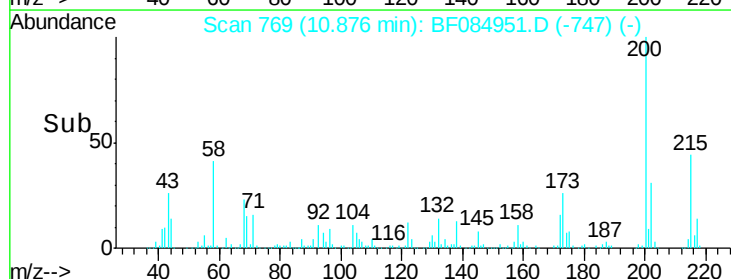
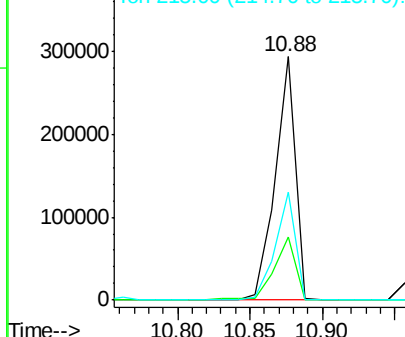
Lab File: BF084951.D

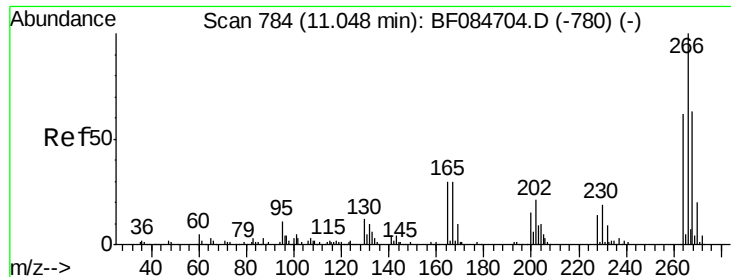
Acq: 9 Feb 2016 14:50

Tgt Ion:	200	Resp:	283007
Ion Ratio		Lower	Upper
200	100		
173	25.7	9.5	49.5
215	44.1	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





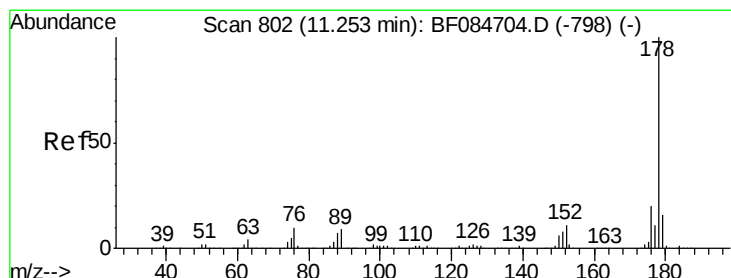
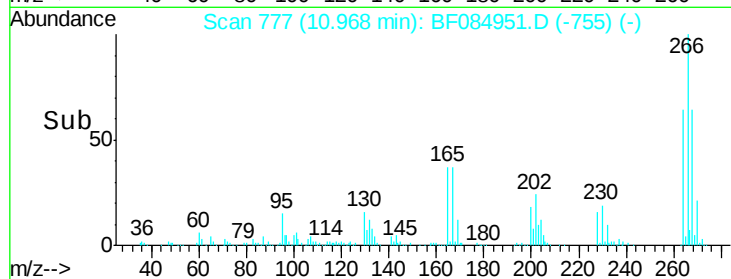
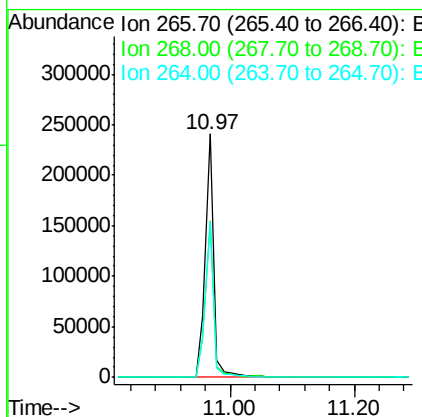
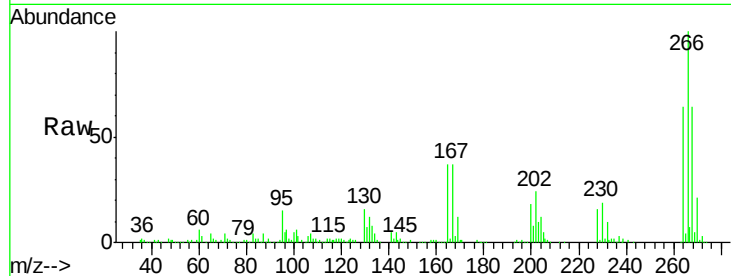
#69
 Pentachlorophenol
 Concen: 73.21 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.05 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	233510		
268	64.5	52.4	78.6	
264	64.0	50.2	75.2	

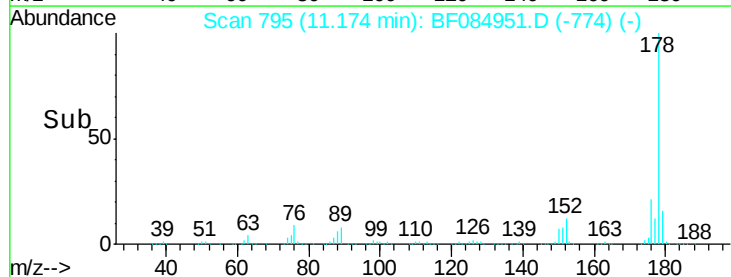
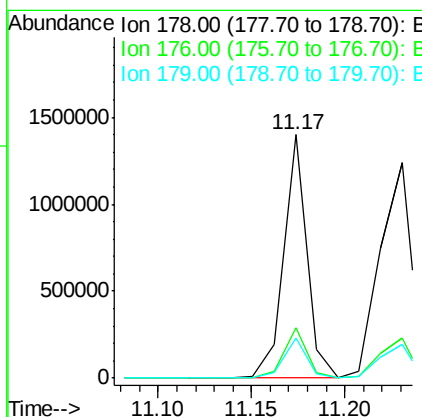
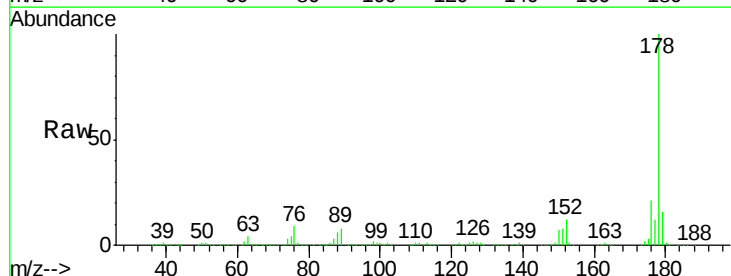
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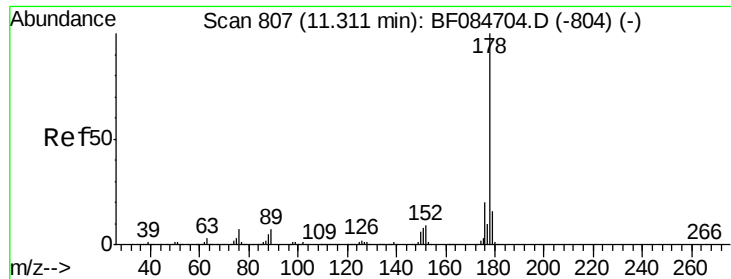
Sohil
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#70
 Phenanthrene
 Concen: 38.94 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.06 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1217823		
176	20.6	15.3	22.9	
179	16.4	12.0	18.0	





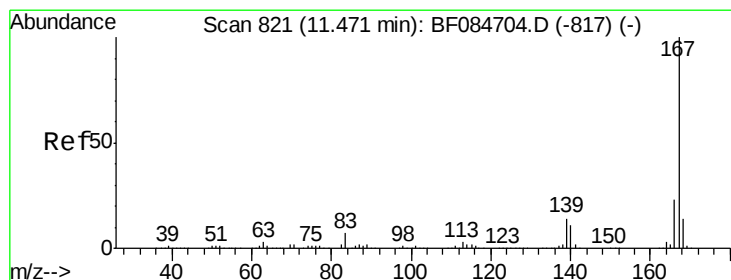
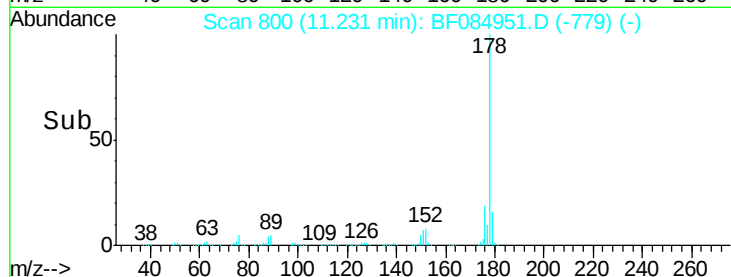
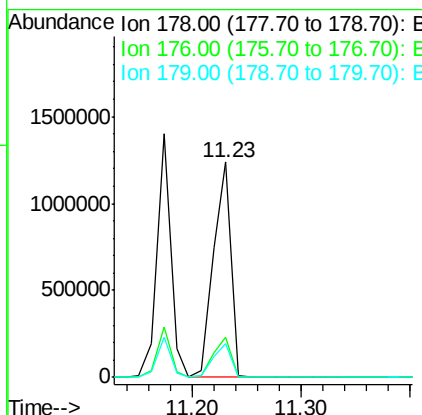
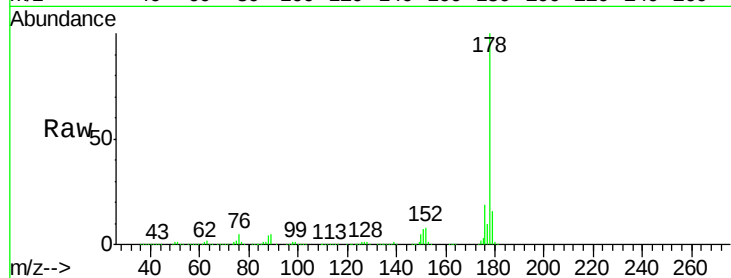
#71
 Anthracene
 Concen: 44.30 ng
 RT: 11.23 min Scan# 800
 Delta R.T. -0.06 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MS

Tot Ion:178 Resp: 1396133
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.4 23.0
 179 15.7 12.5 18.7

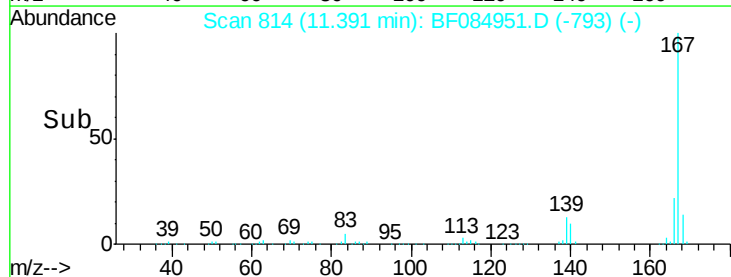
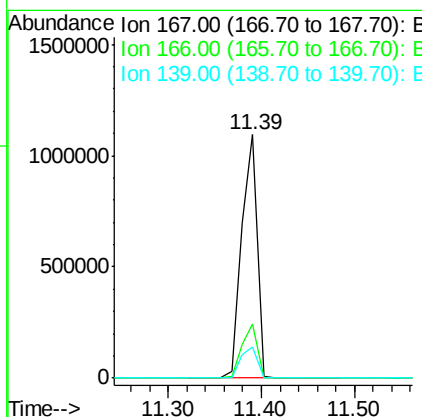
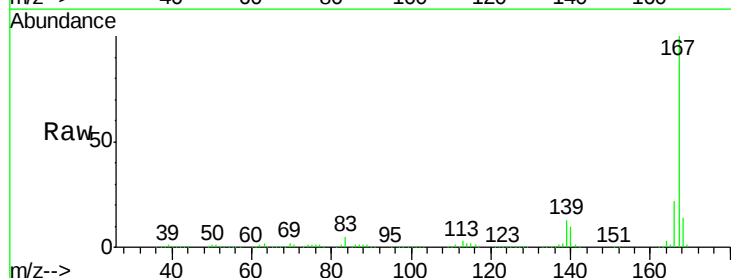
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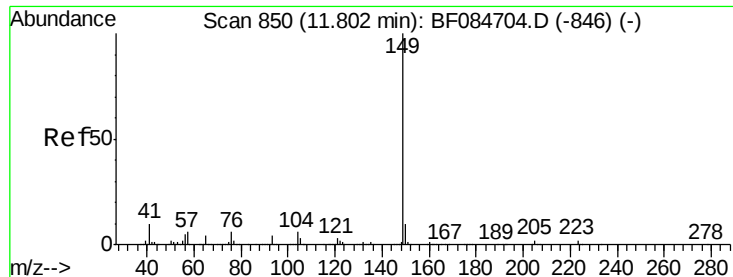
Sohil
 2/10/2016 1:44:52 PM



#72
 Carbazole
 Concen: 46.01 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.06 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Tgt Ion:167 Resp: 1264404
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 12.8 11.8 17.8





#73

Di-n-butylphthalate

Concen: 38.94 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

ClientSampleId :

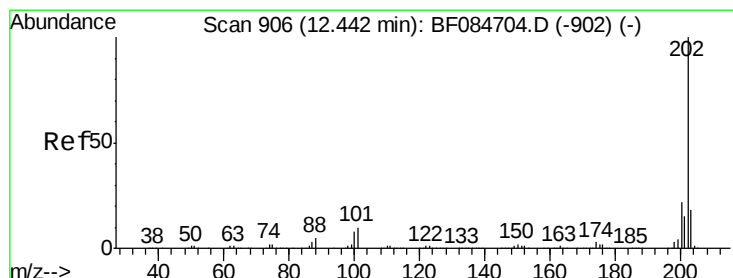
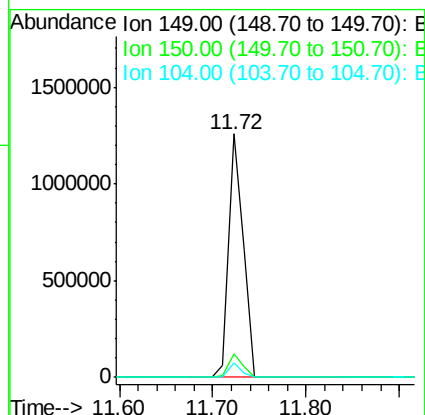
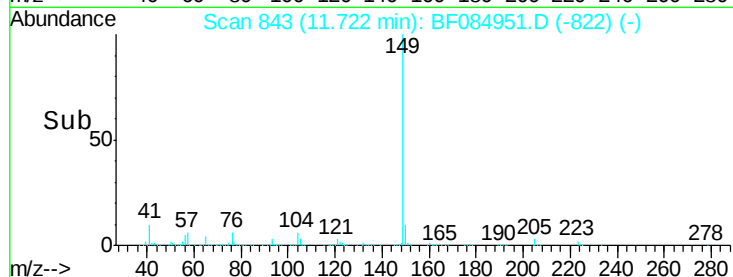
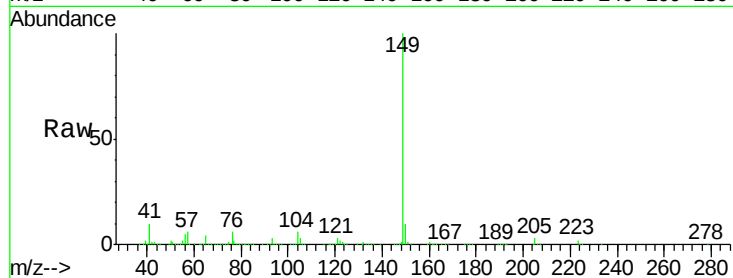
SB03-2-3MS

Tot Ion:149 Resp: 1362327

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.1	10.7
104	5.9	3.2	4.8

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#74

Fluoranthene

Concen: 39.08 ng

RT: 12.35 min Scan# 898

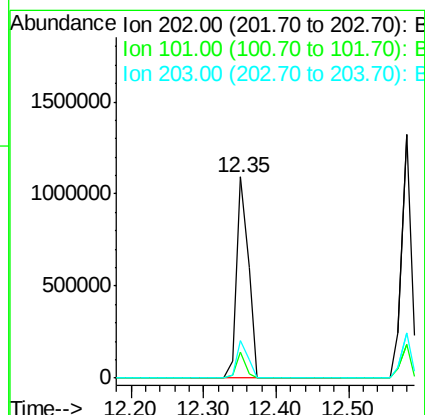
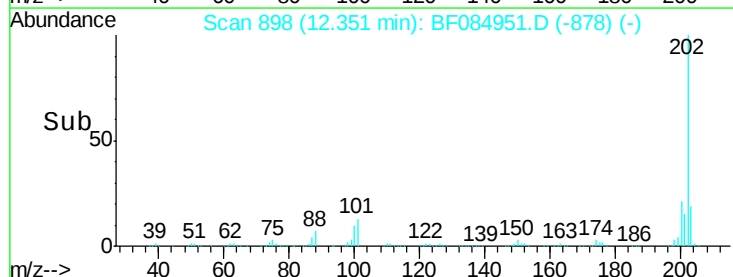
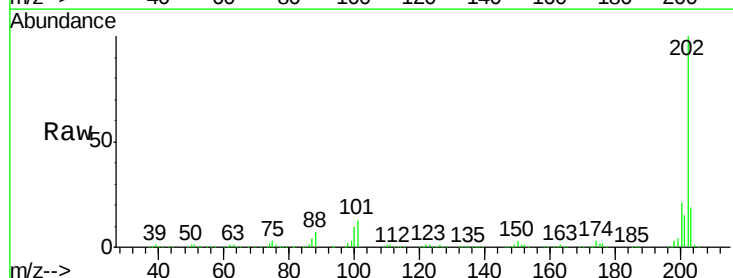
Delta R.T. -0.07 min

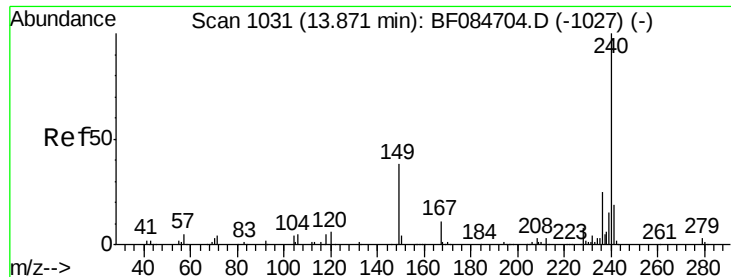
Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion:202 Resp: 1237275

Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	32.8
203	18.6	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

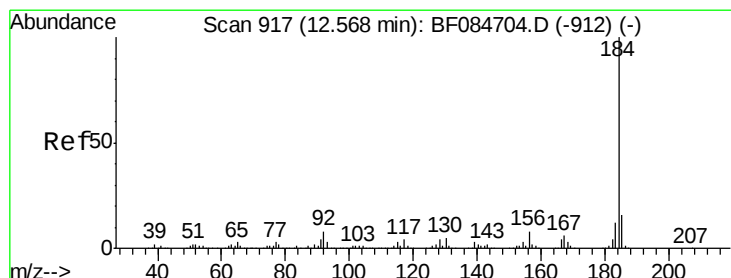
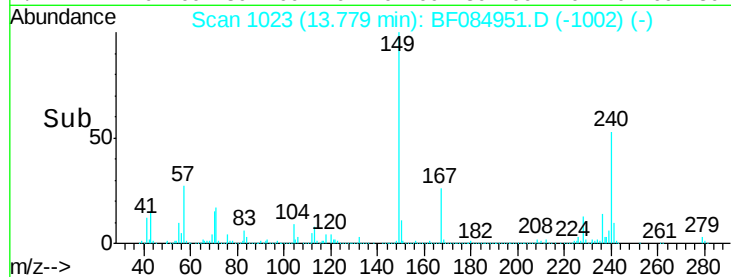
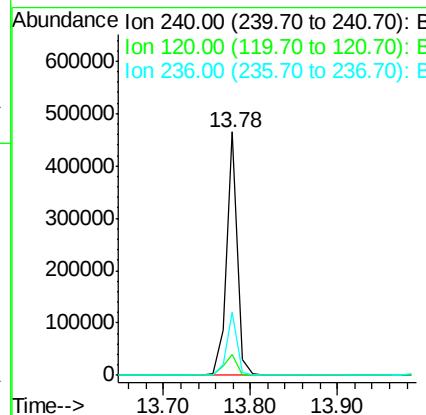
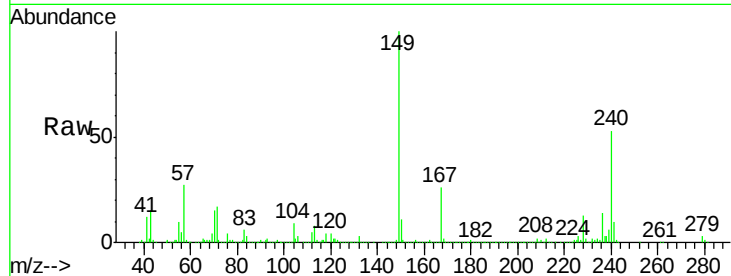
ClientSampleId :

SB03-2-3MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	25.8	20.6	31.0

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#76

Benzidine

Concen: 25.70 ng

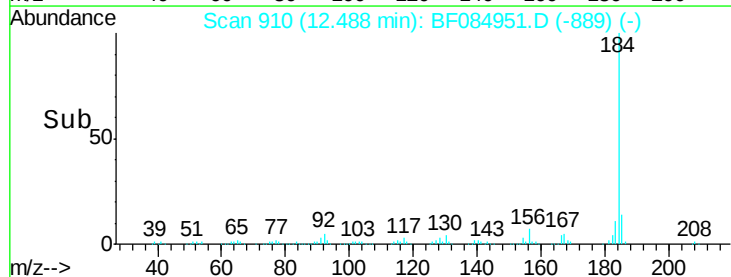
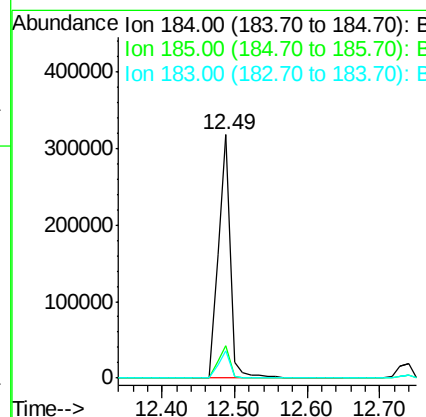
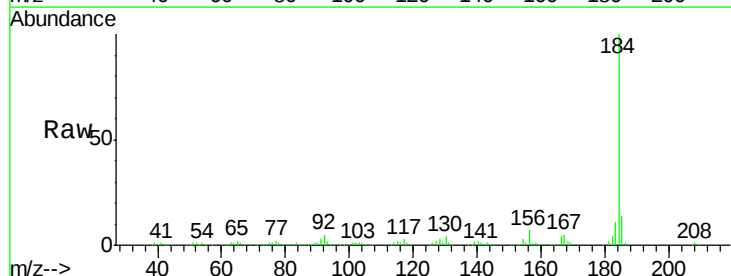
RT: 12.49 min Scan# 910

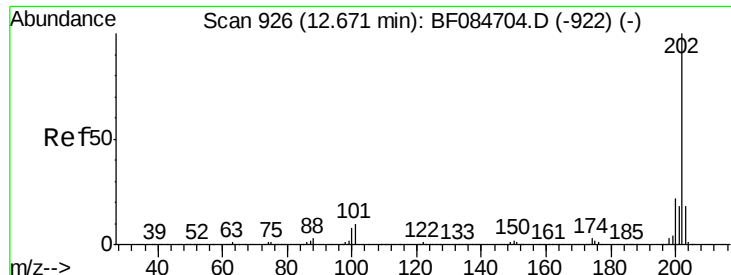
Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.2	18.2
183	11.3	9.8	14.8





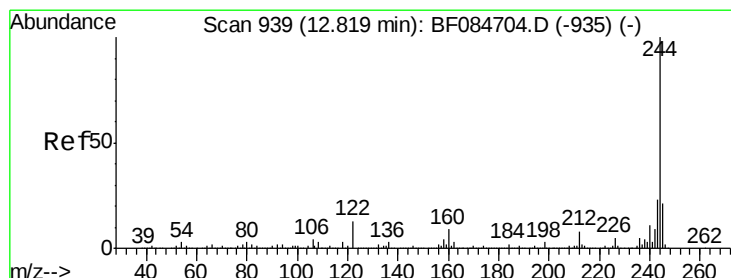
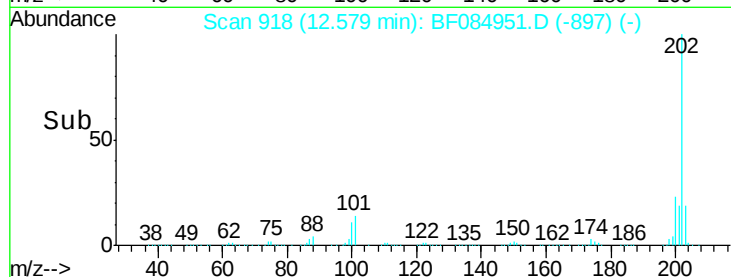
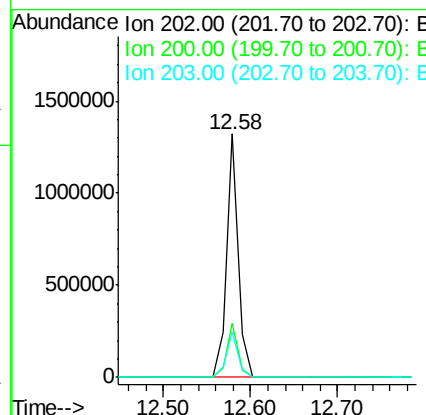
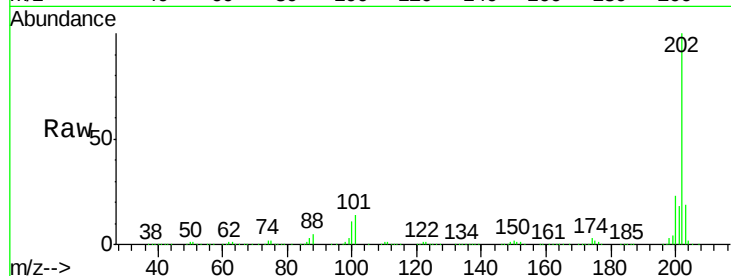
#77
Pvrene
Concen: 40.15 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.06 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.2	25.8
203	18.7	14.3	21.5

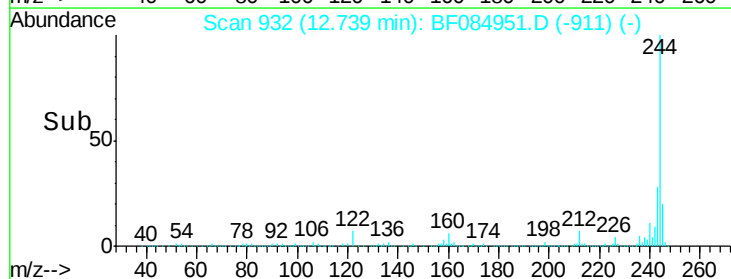
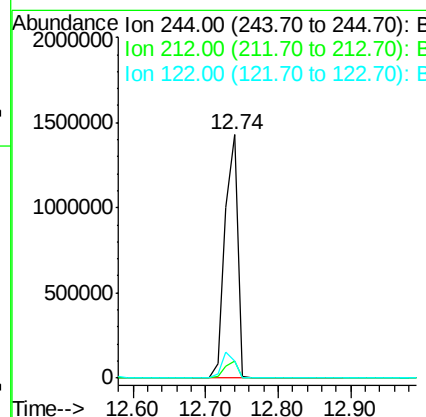
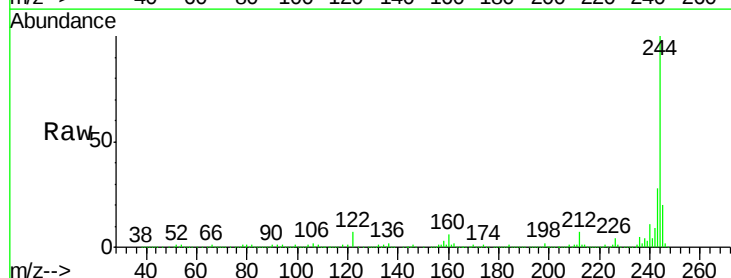
Manual Integrations
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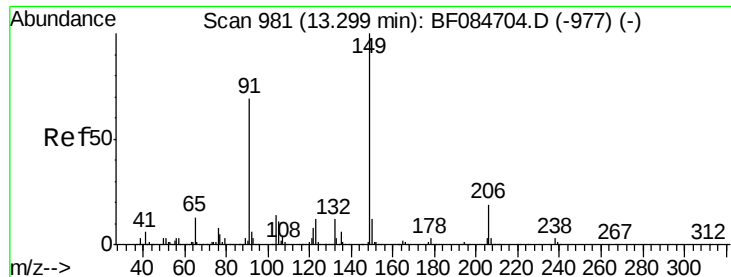
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#78
Terphenyl-d14
Concen: 97.32 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.06 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	6.8	7.4	11.0#





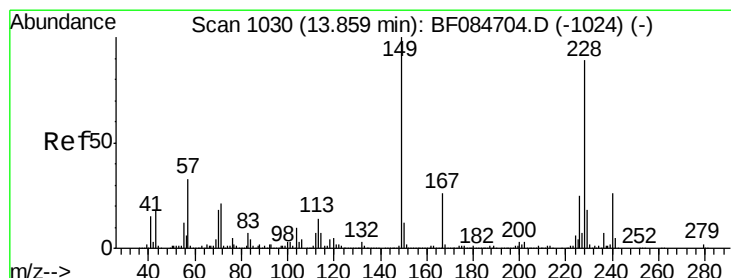
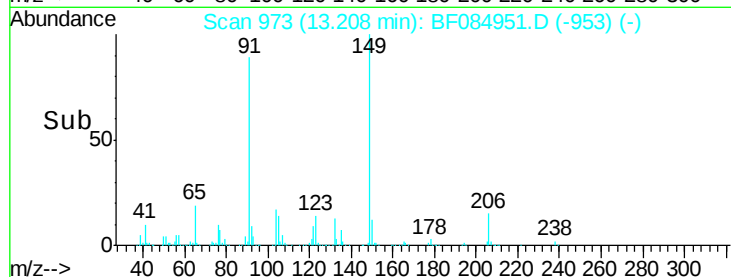
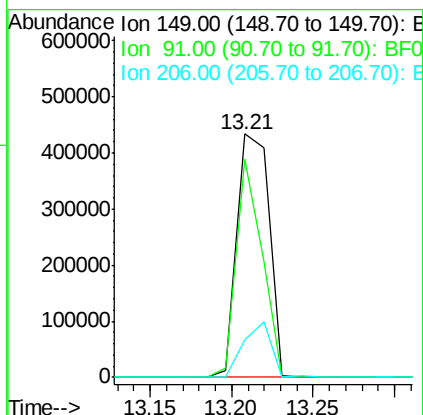
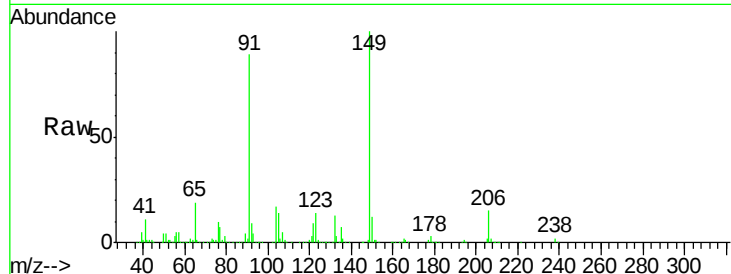
#79
Butylbenzylphthalate
Concen: 41.99 ng
RT: 13.21 min Scan# 973
Delta R.T. -0.07 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	89.4	57.6	86.4#
206	15.4	13.2	19.8

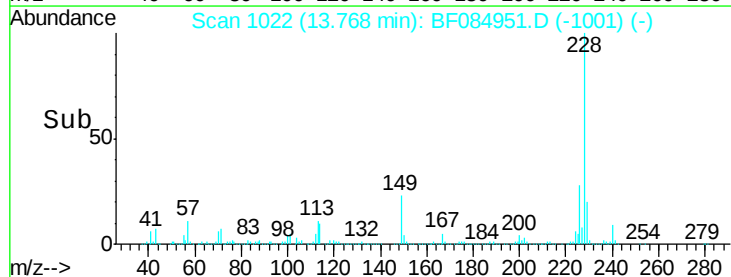
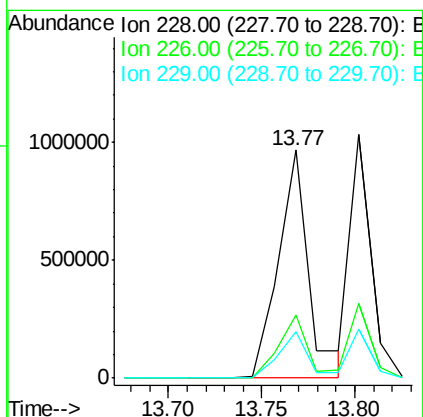
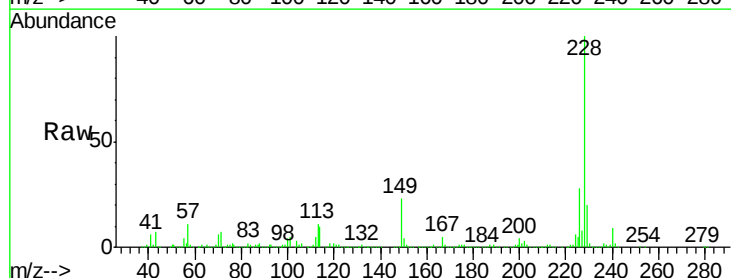
Manual Integrations
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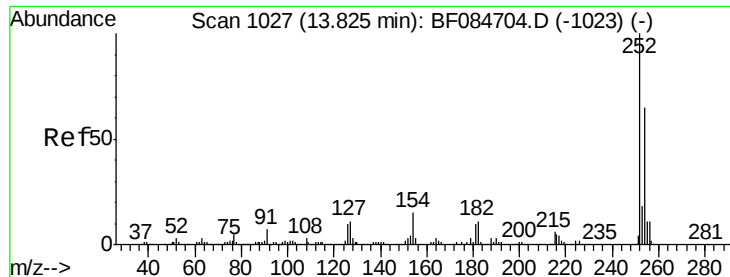
Sohil
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#80
Benzo(a)anthracene
Concen: 43.67 ng
RT: 13.77 min Scan# 1022
Delta R.T. -0.06 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.8	32.6
229	20.4	15.8	23.8





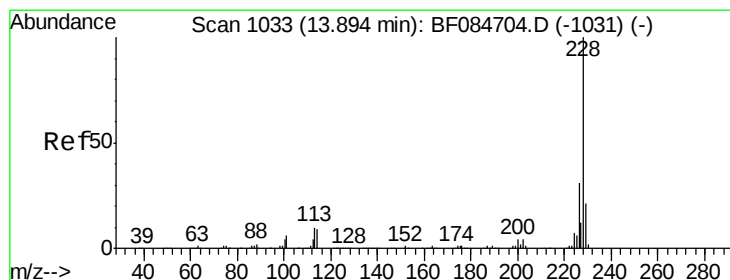
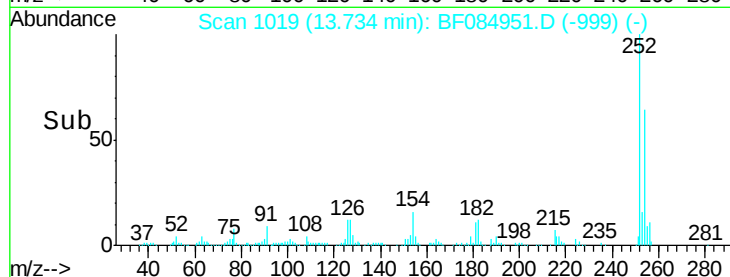
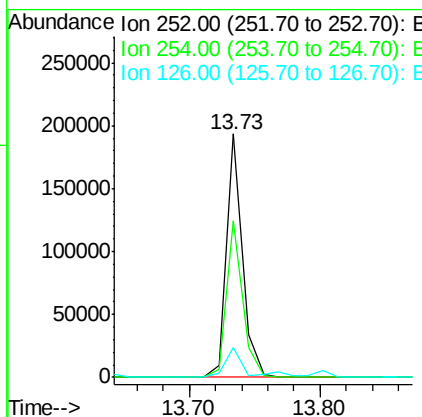
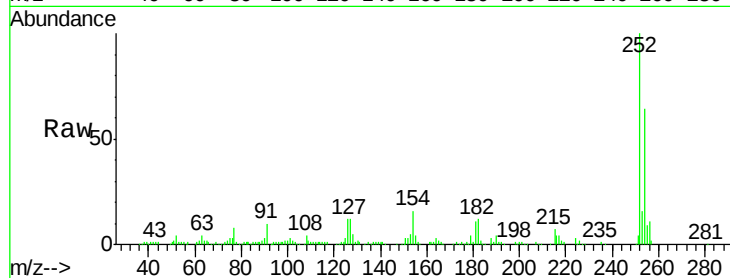
#81
 3,3'-Dichlorobenzidine
 Concen: 18.59 ng
 RT: 13.73 min Scan# 1019
 Delta R.T. -0.07 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	53.5	80.3
126	12.5	4.9	7.3

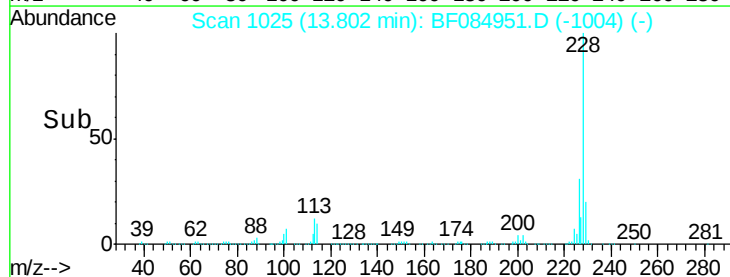
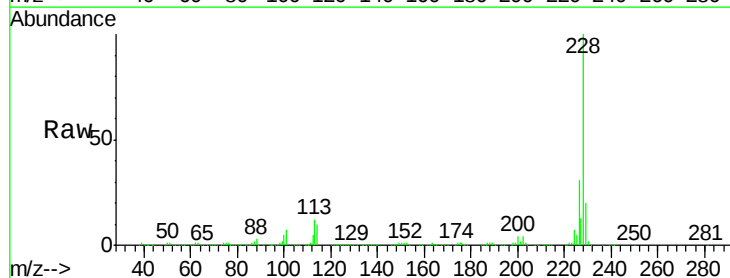
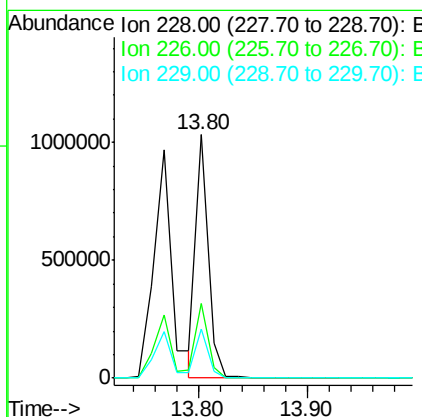
Manual Integrations
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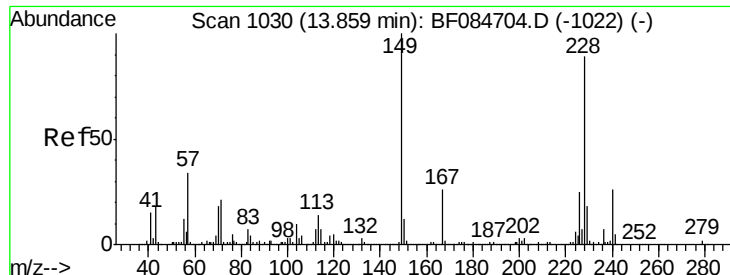
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#82
 Chrysene
 Concen: 33.78 ng
 RT: 13.80 min Scan# 1025
 Delta R.T. -0.06 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	24.3	36.5
229	20.3	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.87 ng

RT: 13.78 min Scan# 1023

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

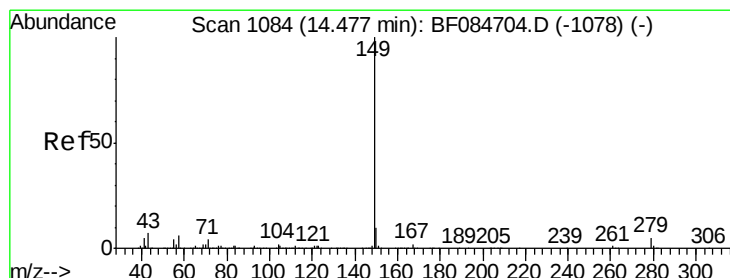
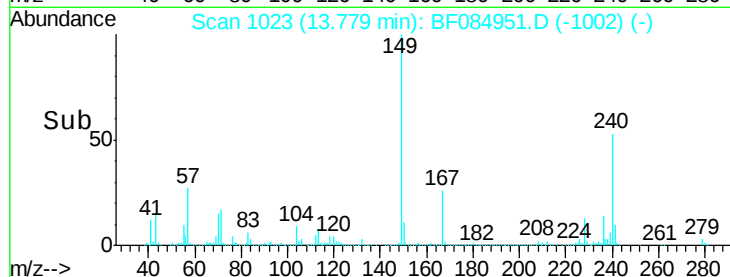
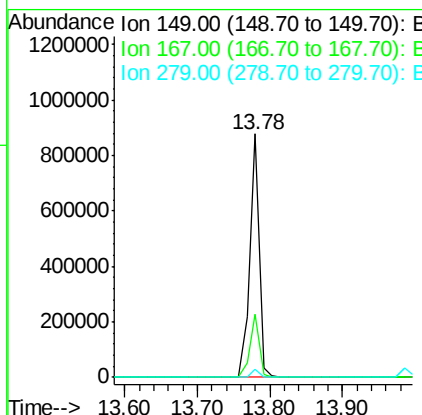
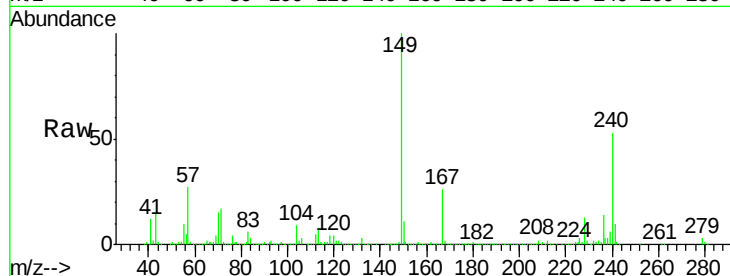
ClientSampleId :

SB03-2-3MS

Tot Ion:	149	Resp:	784458
Ion Ratio	Lower	Upper	
149	100		
167	26.2	19.7	29.5
279	3.1	1.8	2.6#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 39.83 ng

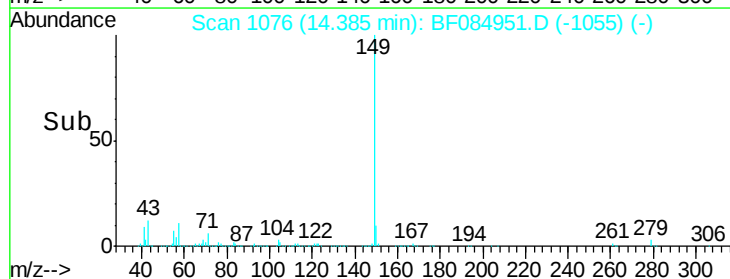
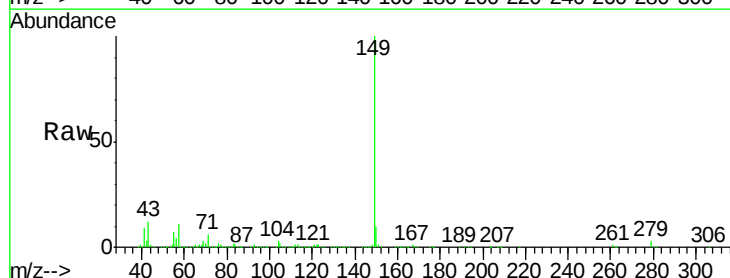
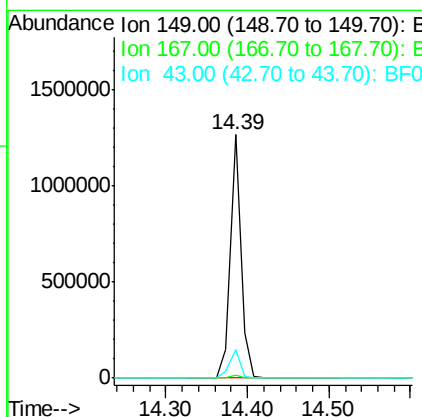
RT: 14.39 min Scan# 1076

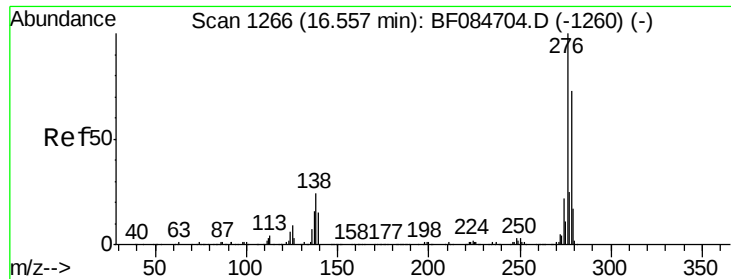
Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Tgt Ion:	149	Resp:	1148685
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	11.9	5.6	8.4#





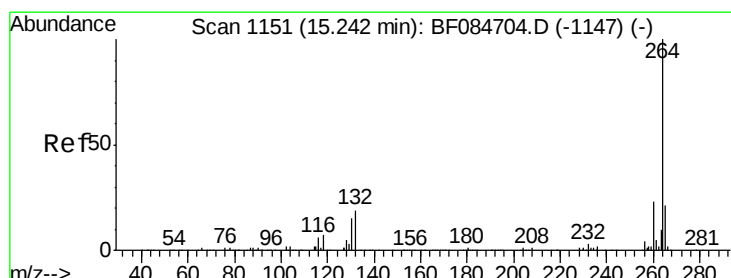
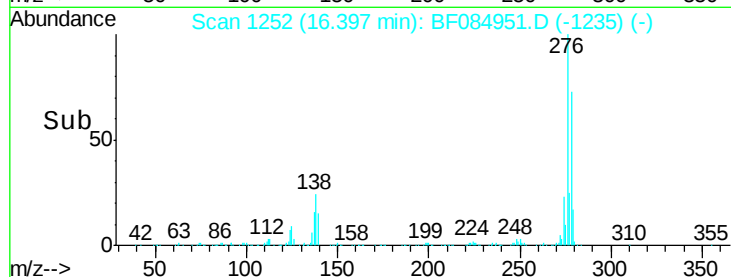
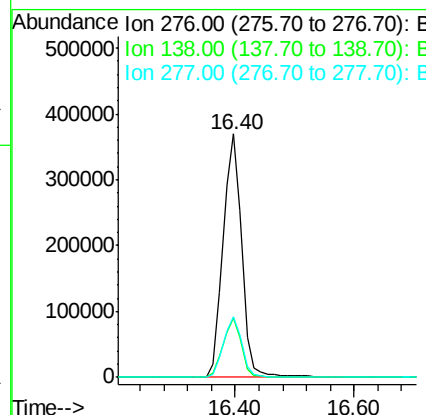
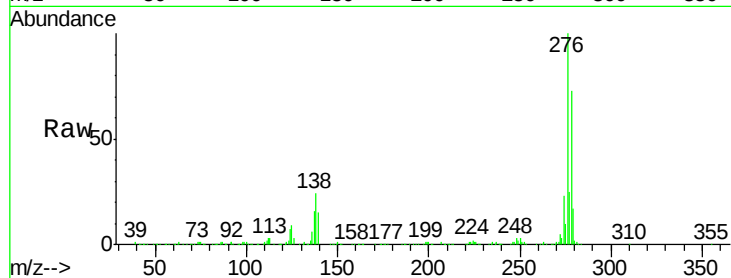
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.03 ng
 RT: 16.40 min Scan# 1252
 Delta R.T. -0.10 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.6	30.8
277	24.5	20.1	30.1

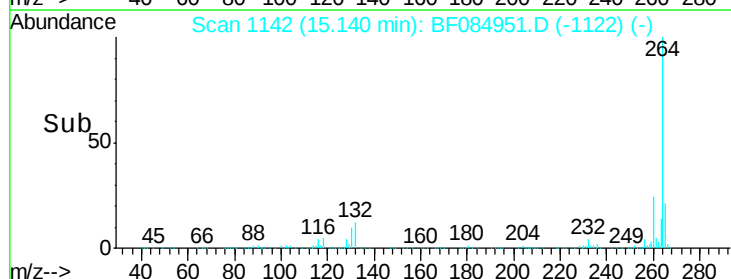
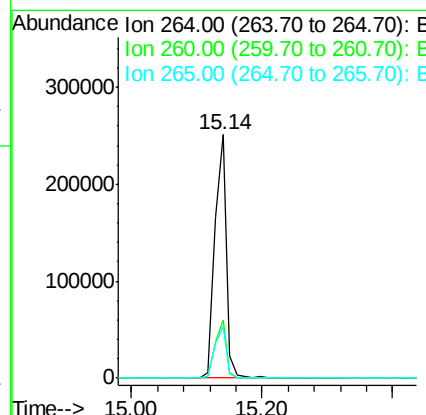
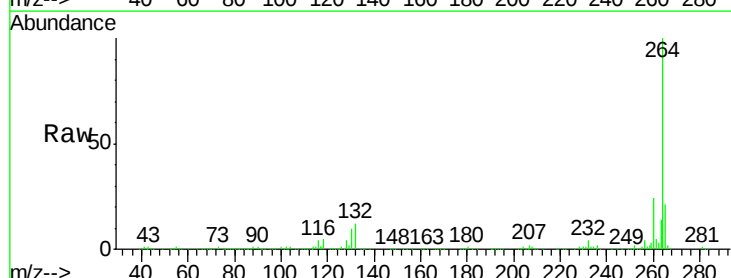
Manual Integrations
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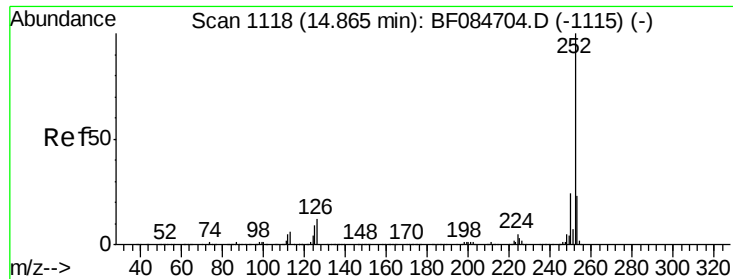
Sohil
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1142
 Delta R.T. -0.07 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.4	29.2
265	21.0	17.8	26.6





#87

Benzo(b)fluoranthene

Concen: 48.32 ng m

RT: 14.77 min Scan# 1110

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

Instrument :

BNA_F

ClientSampleId :

SB03-2-3MS

Tot Ion:252 Resp: 1021093

Ion Ratio Lower Upper

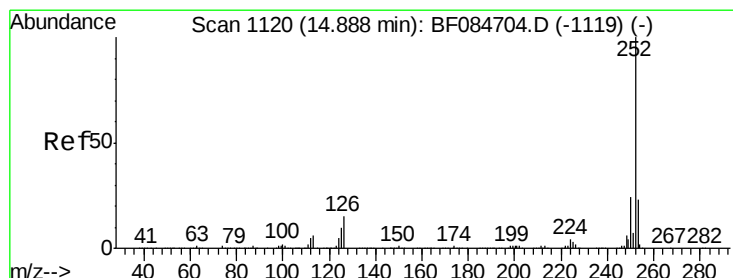
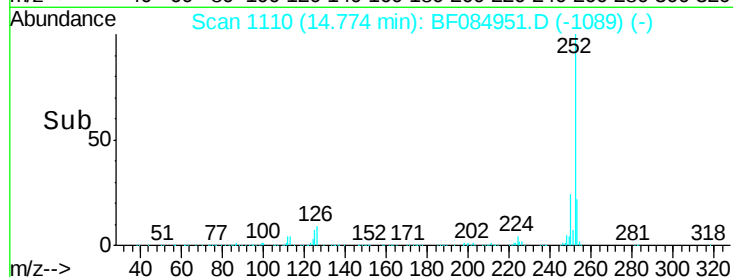
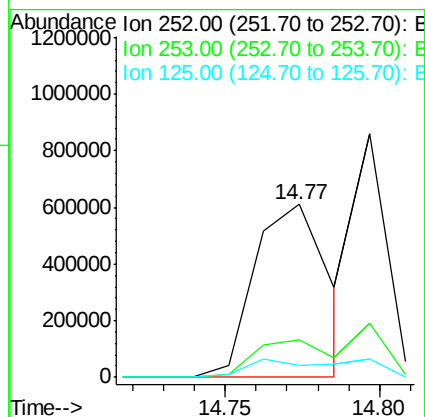
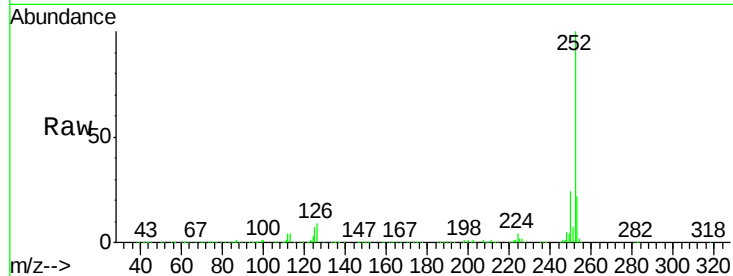
252 100

253 21.8 17.3 25.9

125 6.8 6.5 9.7

Manual Integrations
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2/10/2016 1:44:52 PM



#88

Benzo(k)fluoranthene

Concen: 37.07 ng m

RT: 14.80 min Scan# 1112

Delta R.T. -0.06 min

Lab File: BF084951.D

Acq: 9 Feb 2016 14:50

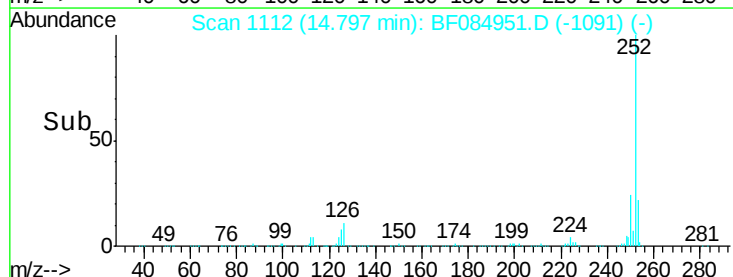
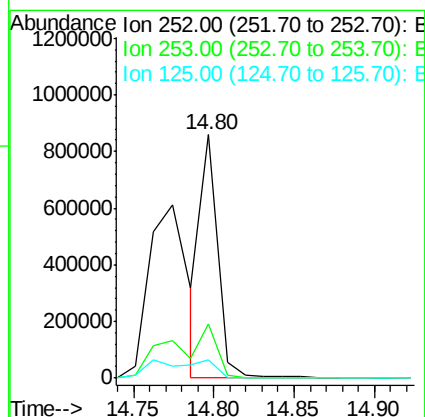
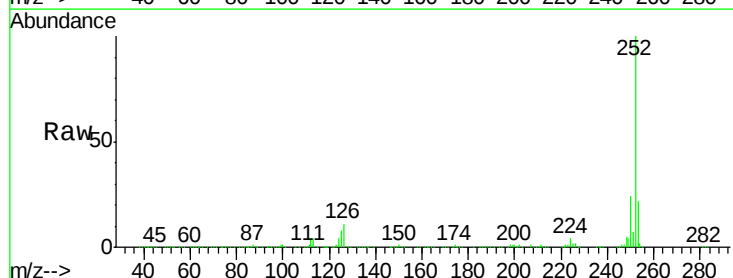
Tgt Ion:252 Resp: 647788

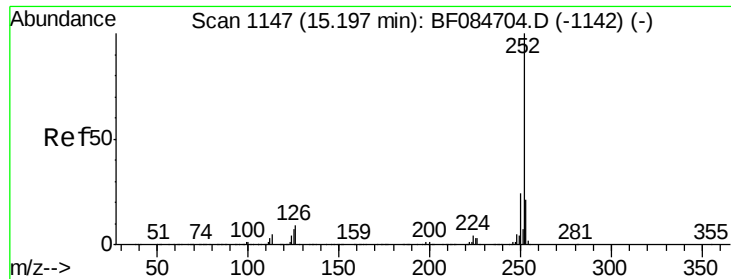
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 7.8 9.0 13.6#





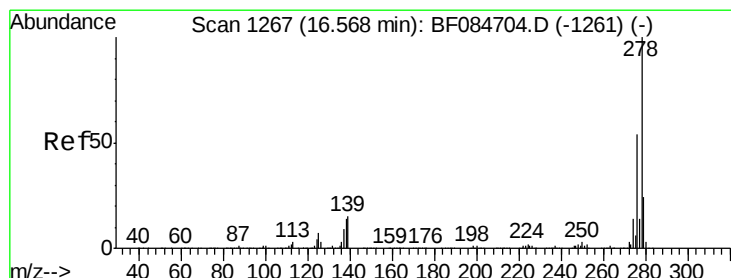
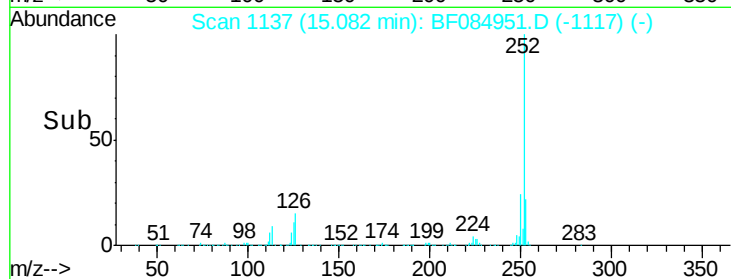
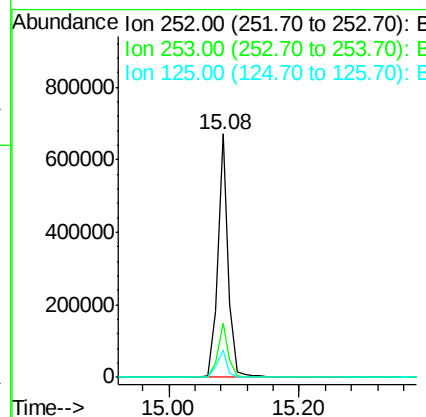
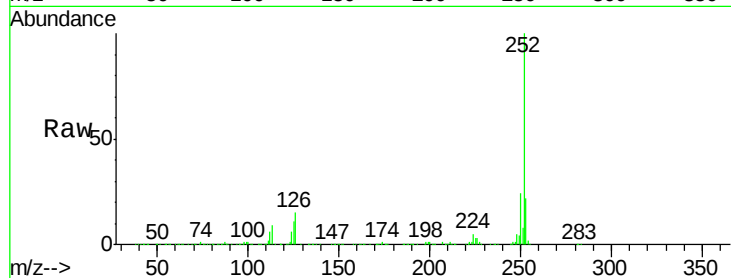
#89
Benzo(a)pyrene
Concen: 41.70 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.07 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Instrument :
BNA_F
ClientSampleId :
SB03-2-3MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	11.0	7.0	10.4

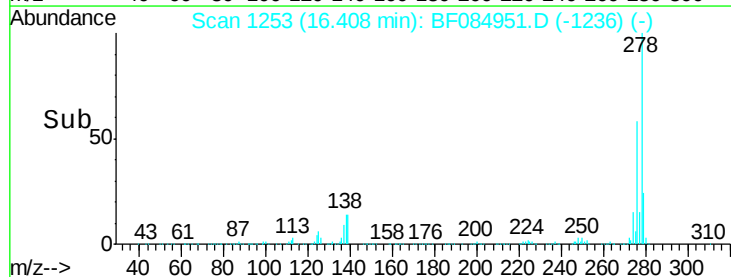
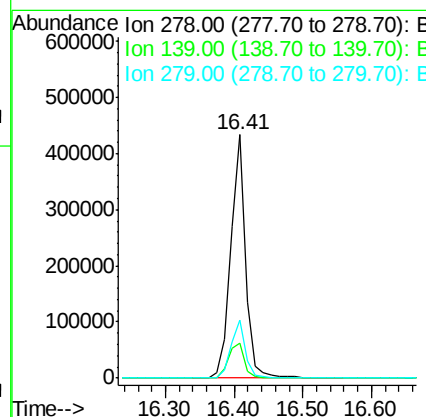
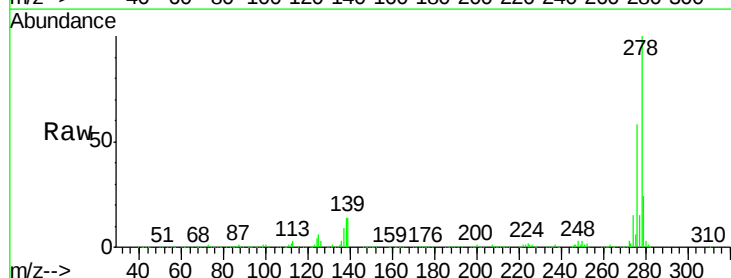
Manual Integrations
APPROVED

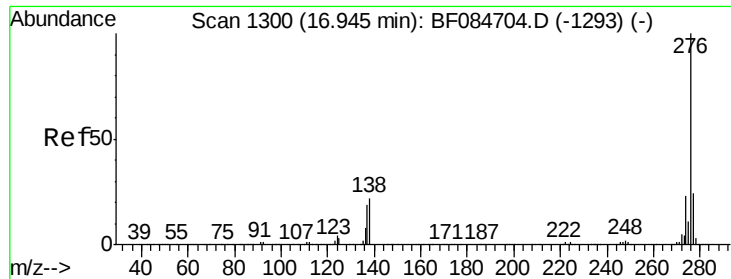
Sohil
2/10/2016 1:44:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.98 ng
RT: 16.41 min Scan# 1253
Delta R.T. -0.10 min
Lab File: BF084951.D
Acq: 9 Feb 2016 14:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.2	15.0	22.4
279	23.7	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 45.01 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. -0.11 min
 Lab File: BF084951.D
 Acq: 9 Feb 2016 14:50

Instrument :
 BNA_F
 ClientSampleId :
 SB03-2-3MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.7	18.8	28.2
138	19.8	17.8	26.6

Manual Integrations
 APPROVED

Sohil
 2/10/2016 1:44:52 PM

