

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086335.D
 Acq On : 21 Apr 2016 3:52
 Operator : UM/SJ
 Sample : H2569-10MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2MS

Manual Integrations
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 4/21/2016 7:12:46 PM

Quant Time: Apr 21 05:49:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	223170	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	832264	20.00	ng	-0.02
38) Acenaphthene-d10	9.92	164	312105	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	501238	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	344230	20.00	ng	-0.02
86) Perylene-d12	15.46	264	259926	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1781358	139.27	ng	0.00
7) Phenol-d6	6.51	99	2382975	142.36	ng	-0.01
23) Nitrobenzene-d5	7.44	82	1408965	96.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	358836	147.51	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1848753	125.07	ng	-0.03
78) Terphenyl-d14	12.98	244	1311540	90.69	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	303587	43.81	ng	96
3) Pyridine	3.28	79	921455	51.94	ng	97
4) n-Nitrosodimethylamine	3.23	42	365289	59.76	ng	# 77
6) Aniline	6.53	93	432209	19.19	ng	# 1
8) 2-Chlorophenol	6.66	128	718248	47.27	ng	89
9) Benzaldehyde	6.41	77	221958	18.71	ng	87
10) Phenol	6.53	94	818617	42.67	ng	94
11) bis(2-Chloroethyl)ether	6.61	93	768876	45.89	ng	93
12) 1,3-Dichlorobenzene	6.81	146	763630	45.81	ng	98
13) 1,4-Dichlorobenzene	6.89	146	800086	44.92	ng	99
14) 1,2-Dichlorobenzene	7.05	146	694995	43.98	ng	99
15) Benzyl Alcohol	7.01	79	510627	49.10	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1033890	43.85	ng	88
17) 2-Methylphenol	7.14	107	600756	47.31	ng	99
18) Hexachloroethane	7.38	117	151803	28.59	ng	# 88
19) n-Nitroso-di-n-propylamine	7.29	70	477386	47.08	ng	# 80
20) 3+4-Methylphenols	7.29	107	666157	48.36	ng	# 76
22) Acetophenone	7.29	105	952158	54.46	ng	# 90
24) Nitrobenzene	7.46	77	766560	49.31	ng	99
25) Isophorone	7.70	82	1401469	50.90	ng	99
26) 2-Nitrophenol	7.77	139	241668	34.75	ng	92
27) 2,4-Dimethylphenol	7.81	122	597728	43.83	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	891751	55.38	ng	99
29) 2,4-Dichlorophenol	8.02	162	567715	52.78	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	574328	49.50	ng	97
31) Naphthalene	8.18	128	1892271	47.70	ng	99
32) Benzoic acid	7.89	122	85611	10.56	ng	87
33) 4-Chloroaniline	8.22	127	240658	14.66	ng	99
34) Hexachlorobutadiene	8.29	225	277293	47.42	ng	98
35) Caprolactam	8.60	113	180648	51.87	ng	# 72
36) 4-Chloro-3-methylphenol	8.72	107	568160	46.98	ng	93
37) 2-Methylnaphthalene	8.88	142	1180865	48.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	446884	53.79	ng	# 96
40) Hexachlorocyclopentadiene	9.02	237	34179	18.27	ng	96

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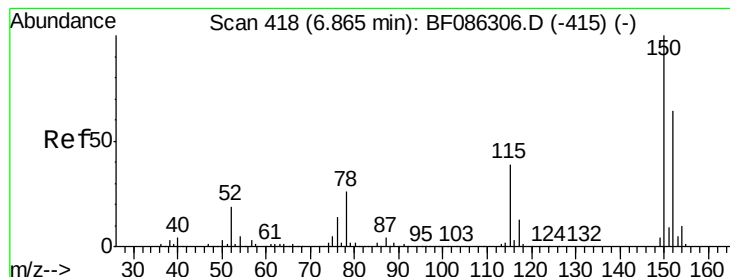
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	301464	52.31	nq	98
43) 2,4,5-Trichlorophenol	9.20	196	327326	52.15	nq #	92
45) 1,1'-Biphenyl	9.33	154	1249086	50.96	nq	99
46) 2-Chloronaphthalene	9.36	162	973032	52.39	nq	99
47) 2-Nitroaniline	9.46	65	398261	63.09	nq #	78
48) Acenaphthylene	9.78	152	1517112	52.31	nq	98
49) Dimethylphthalate	9.63	163	1477868	62.19	nq	99
50) 2,6-Dinitrotoluene	9.70	165	218674	44.72	nq	96
51) Acenaphthene	9.95	154	887720	52.17	nq	98
52) 3-Nitroaniline	9.87	138	340487	54.76	nq	82
53) 2,4-Dinitrophenol	9.97	184	3045	9.37	nq #	1
54) Dibenzofuran	10.12	168	1311036	56.67	nq	99
55) 4-Nitrophenol	10.03	139	336841	87.36	nq	90
56) 2,4-Dinitrotoluene	10.10	165	232122	38.20	nq #	84
57) Fluorene	10.46	166	866072	50.52	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	240447	57.09	nq #	93
59) Diethylphthalate	10.34	149	1225165	52.84	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	413990	52.15	nq	95
61) 4-Nitroaniline	10.48	138	324229	55.70	nq	90
62) Azobenzene	10.61	77	1151692	50.39	nq	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	4271	8.43	nq #	79
65) n-Nitrosodiphenylamine	10.57	169	823132	49.84	nq	99
66) 4-Bromophenyl-phenylether	10.94	248	260037	48.28	nq	94
67) Hexachlorobenzene	11.01	284	253350	46.87	nq #	66
68) Atrazine	11.09	200	190778	37.59	nq	99
69) Pentachlorophenol	11.21	266	274314	96.88	nq	96
70) Phenanthrene	11.42	178	1214925	51.15	nq	98
71) Anthracene	11.47	178	1290591	50.74	nq	99
72) Carbazole	11.63	167	1341800	55.74	nq	97
73) Di-n-butylphthalate	11.96	149	1635700	52.78	nq #	98
74) Fluoranthene	12.60	202	1201310	54.55	nq	99
76) Benzidine	12.73	184	952529	62.68	nq	95
77) Pyrene	12.83	202	1215419	47.60	nq	98
79) Butylbenzylphthalate	13.45	149	644741	47.83	nq #	75
80) Benzo(a)anthracene	14.02	228	878997	48.48	nq	100
81) 3,3'-Dichlorobenzidine	13.99	252	339894	27.10	nq #	98
82) Chrysene	14.05	228	847375	43.23	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	819943	51.94	nq #	97
84) Di-n-octyl phthalate	14.63	149	1519508	53.41	nq	98
85) Indeno(1,2,3-cd)pyrene	16.87	276	723546	35.90	nq	97
87) Benzo(b)fluoranthene	15.05	252	724240m	48.17	nq	
88) Benzo(k)fluoranthene	15.08	252	796704m	62.95	nq	
89) Benzo(a)pyrene	15.40	252	706474	50.99	nq	99
90) Dibenzo(a,h)anthracene	16.89	278	614310	50.79	nq	98
91) Benzo(g,h,i)perylene	17.29	276	589466	50.83	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

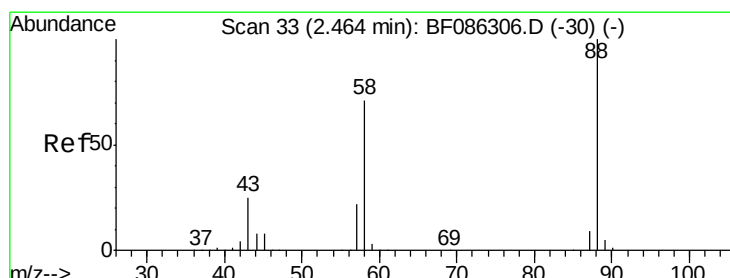
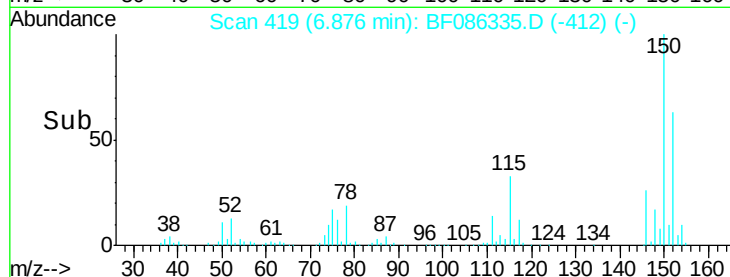
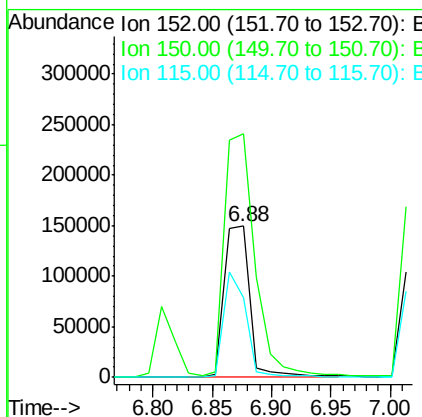
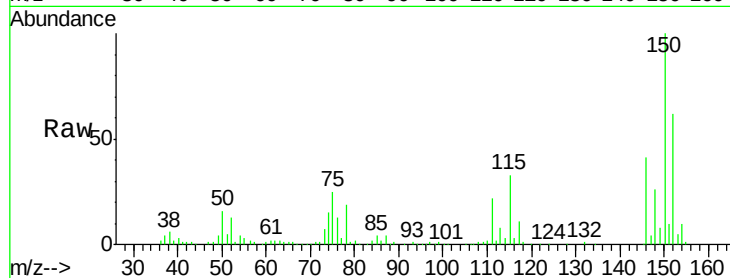
ClientSampleId :

LCF-B2MS

Tot Ion:	152	Resp:	223170
Ion Ratio	Lower	Upper	
152	100		
150	160.9	124.1	186.1
115	52.8	43.9	65.9

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#2

1,4-Dioxane

Concen: 43.81 ng

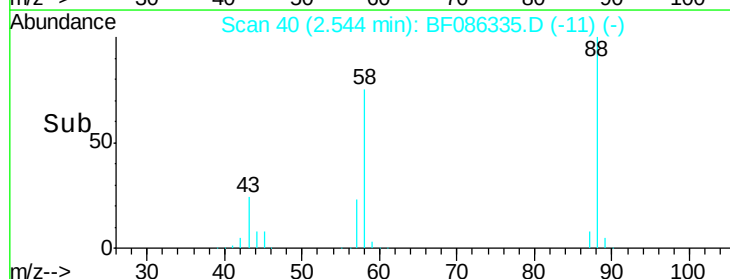
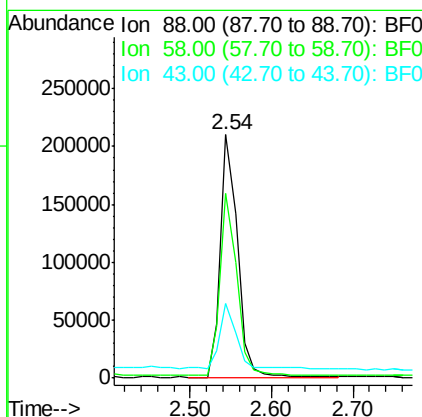
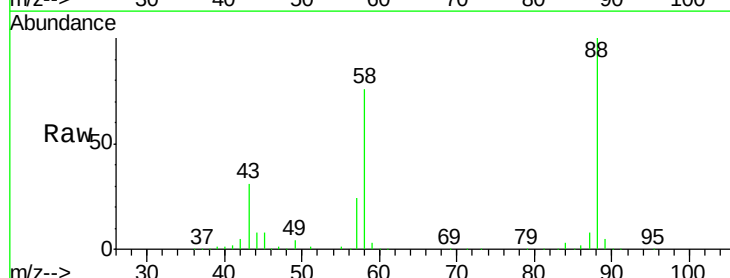
RT: 2.54 min Scan# 40

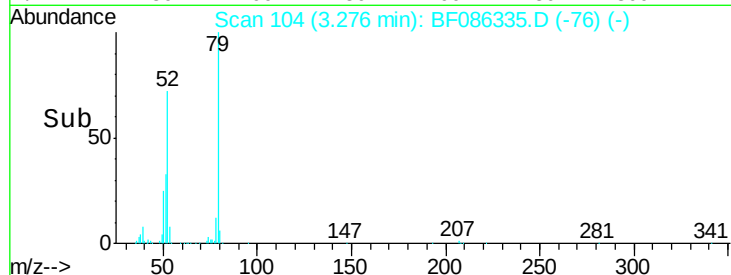
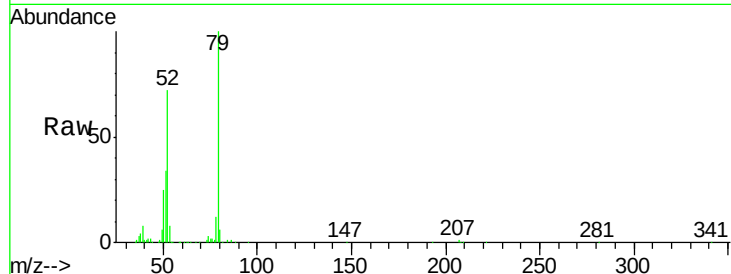
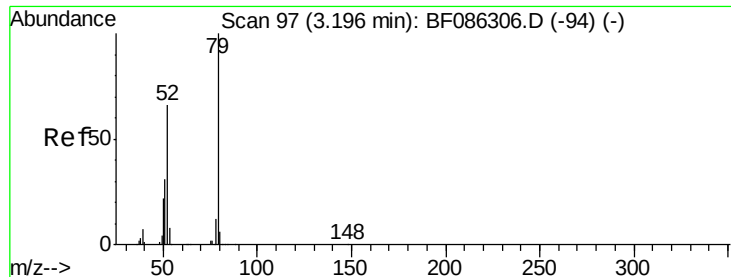
Delta R.T. 0.03 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Tgt Ion:	88	Resp:	303587
Ion Ratio	Lower	Upper	
88	100		
58	74.3	58.4	87.6
43	24.2	23.3	34.9





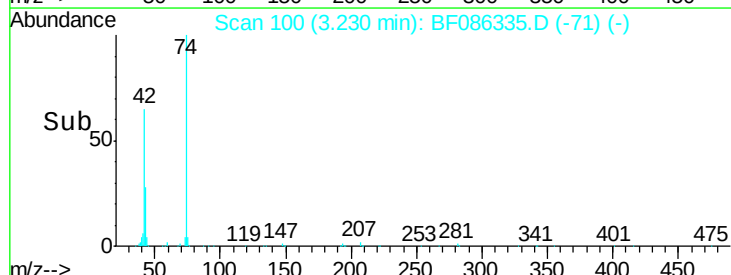
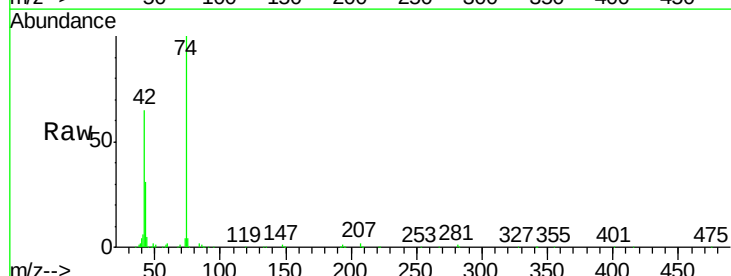
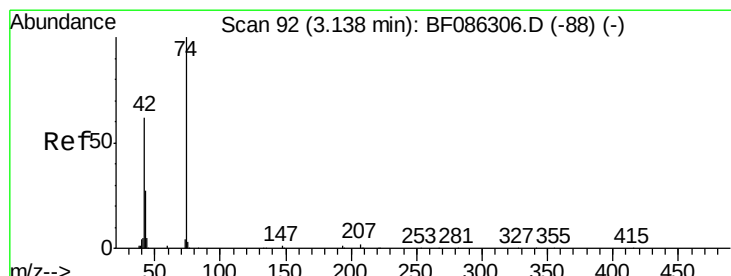
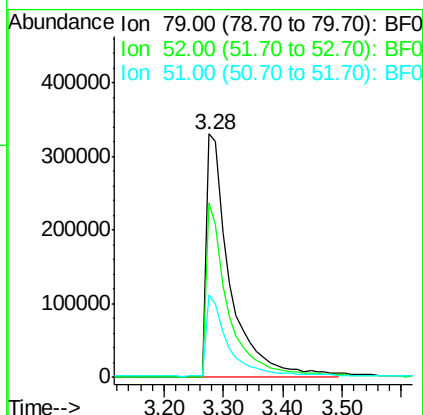
#3
 Pvridine
 Concen: 51.94 ng
 RT: 3.28 min Scan# 104
 Delta R.T. 0.02 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	921455		
52	52	71.7		55.4	83.2
51	51	33.9		28.1	42.1

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2MS

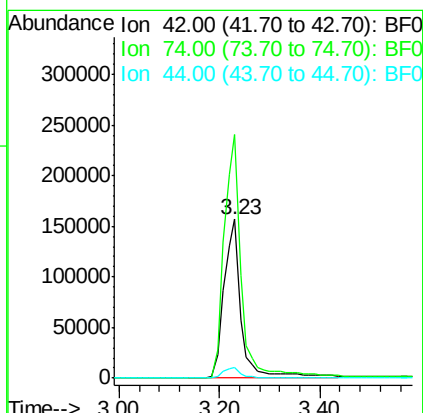
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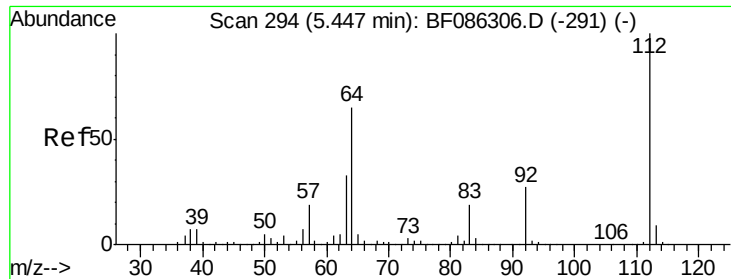
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#4
 n-Nitrosodimethylamine
 Concen: 59.76 ng
 RT: 3.23 min Scan# 100
 Delta R.T. 0.03 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	365289		
74	74	153.6		100.5	150.7#
44	44	7.0		5.4	8.0





#5

2-Fluorophenol

Concen: 139.27 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

LCF-B2MS

Tot Ion: 112 Resp: 1781358

Ion Ratio Lower Upper

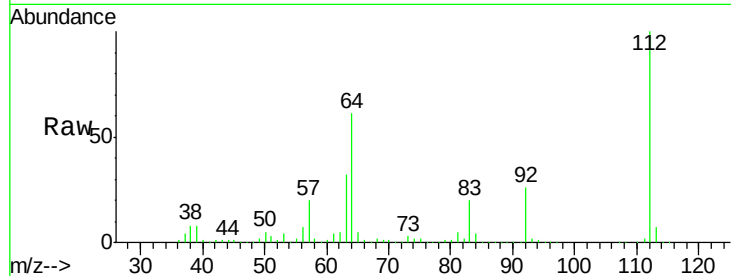
112 100

64 61.5 48.1 72.1

63 32.4 25.5 38.3

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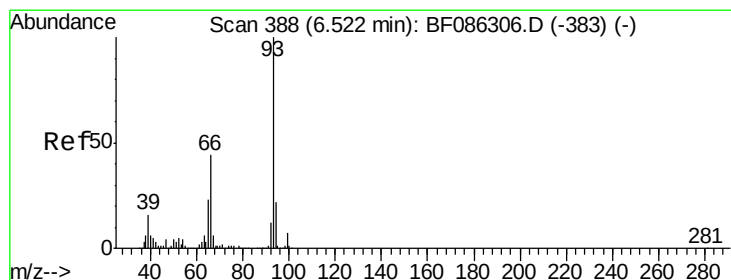
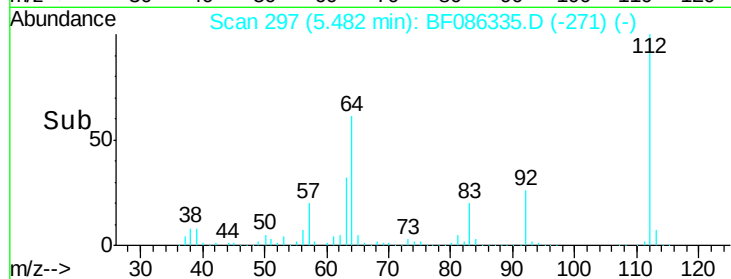
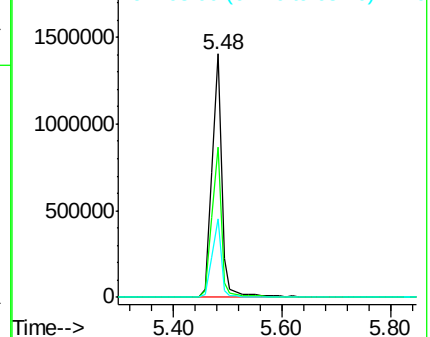
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.19 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

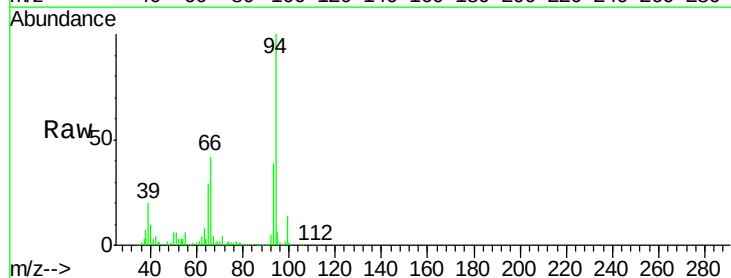
Tgt Ion: 93 Resp: 432209

Ion Ratio Lower Upper

93 100

66 109.3 32.2 48.2#

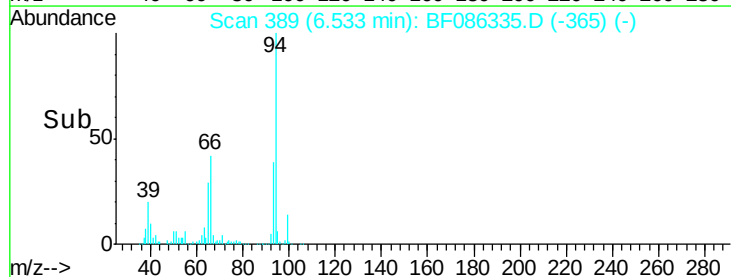
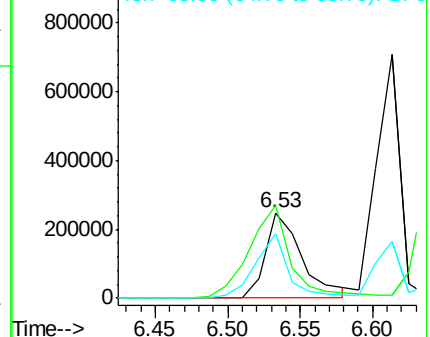
65 75.0 16.4 24.6#

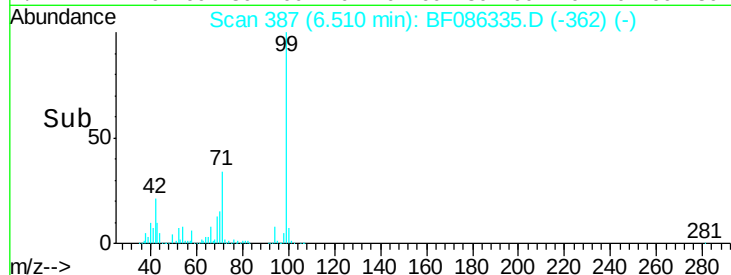
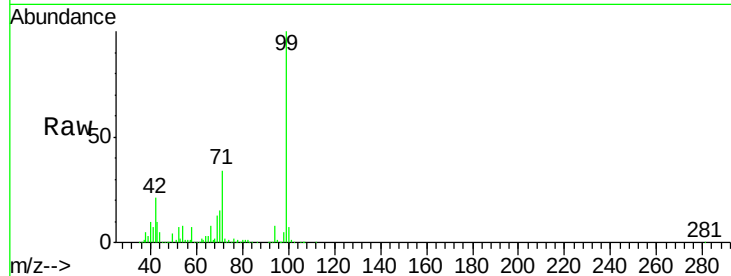
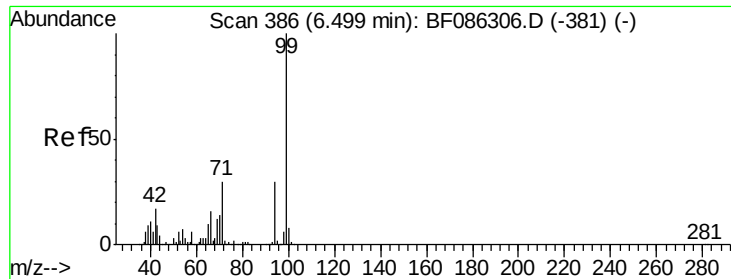


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 142.36 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Tot Ion: 99 Resp: 2382975

Ion Ratio Lower Upper

99 100

42 21.0 15.4 23.2

71 33.9 25.6 38.4

Instrument :

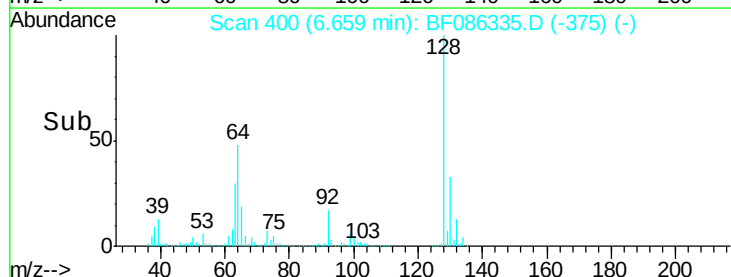
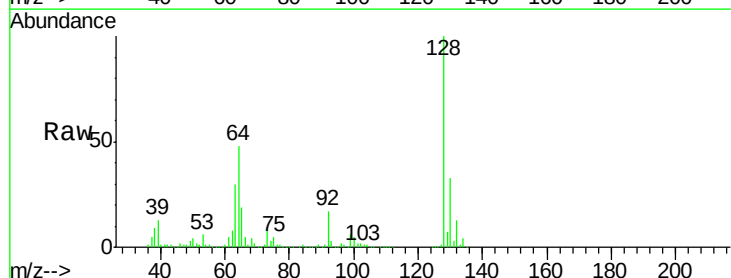
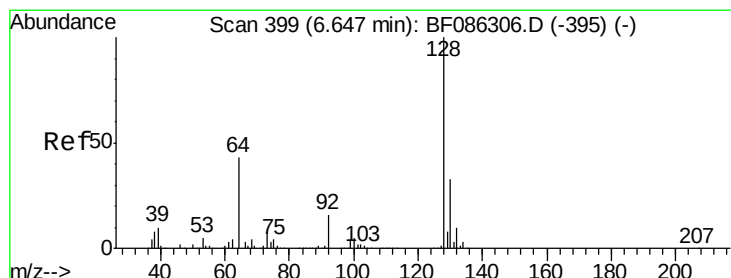
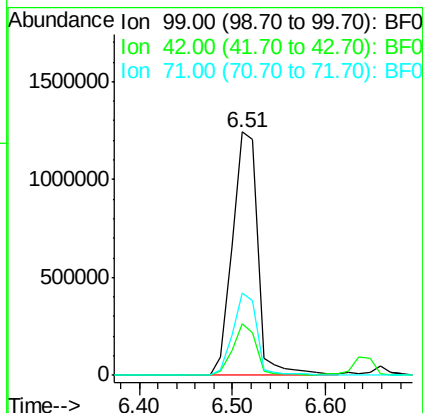
BNA_F

ClientSampleId :

LCF-B2MS

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#8

2-Chlorophenol

Concen: 47.27 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

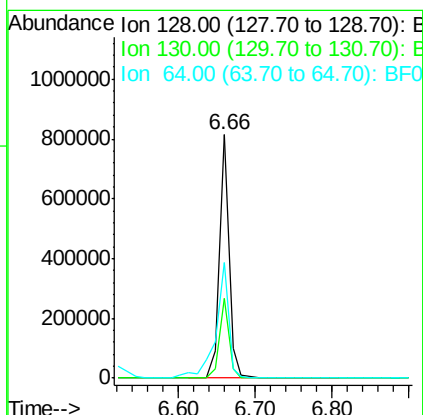
Tgt Ion: 128 Resp: 718248

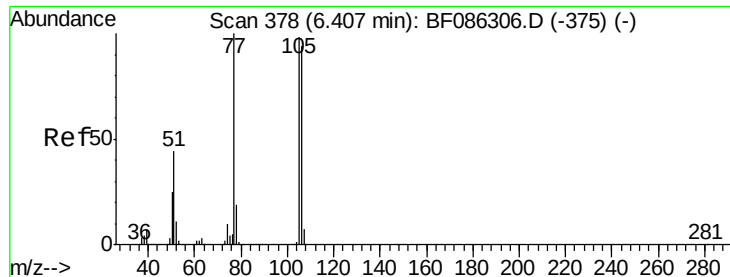
Ion Ratio Lower Upper

128 100

130 32.5 11.8 51.8

64 47.7 39.5 79.5





#9

Benzaldehyde

Concen: 18.71 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

LCF-B2MS

Tot Ion: 77 Resp: 221958

Ion Ratio Lower Upper

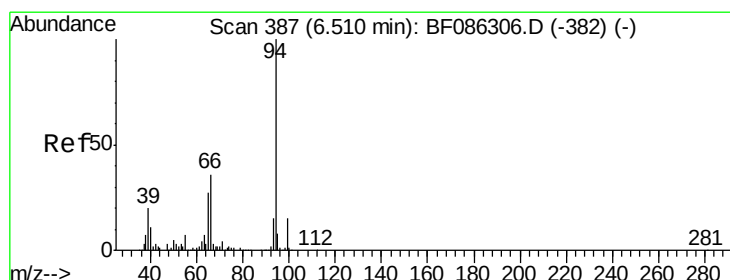
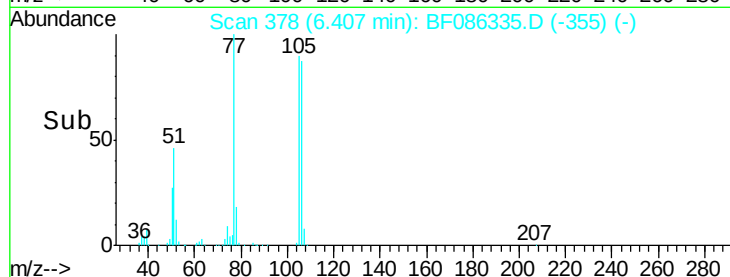
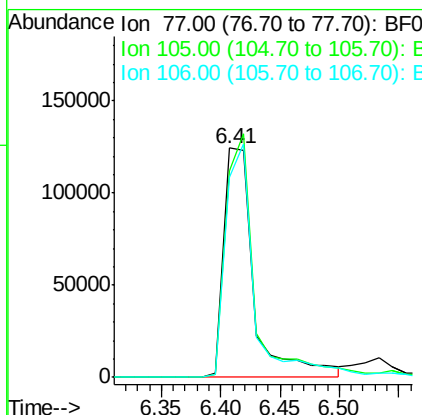
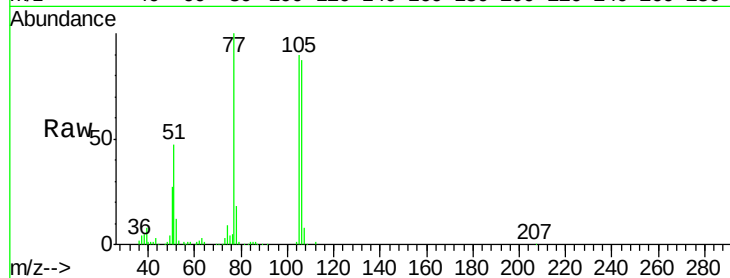
77 100

105 90.1 84.6 124.6

106 87.2 78.6 118.6

Manual Integrations
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#10

Phenol

Concen: 42.67 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

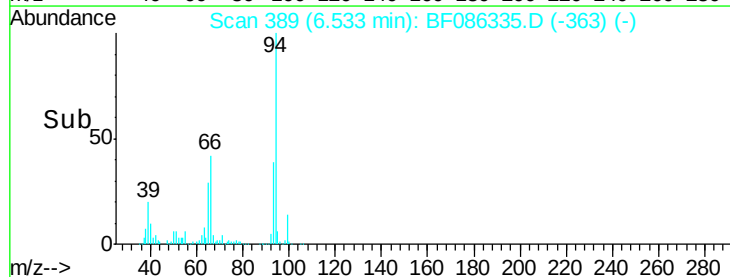
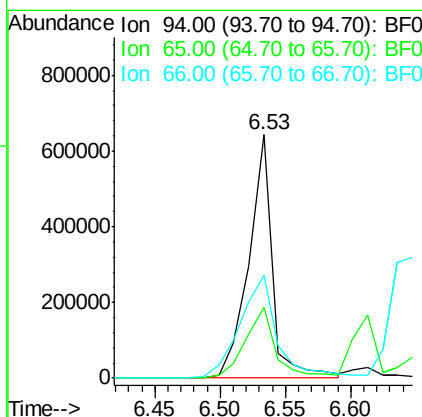
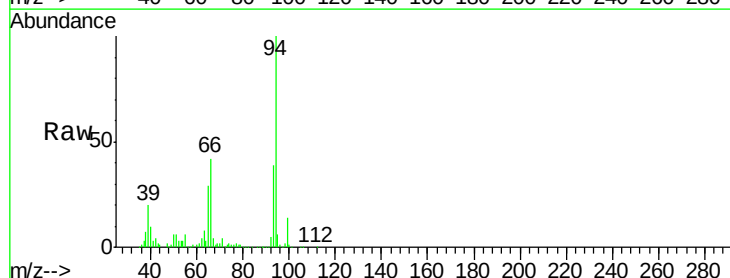
Tgt Ion: 94 Resp: 818617

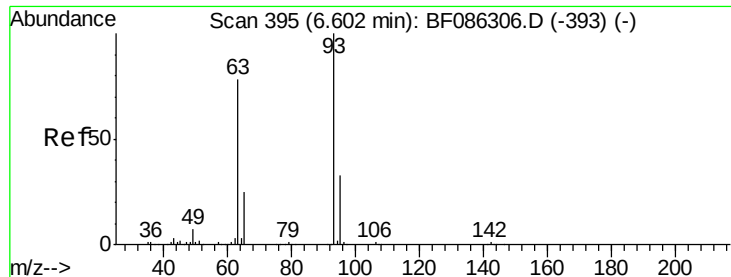
Ion Ratio Lower Upper

94 100

65 28.9 7.9 47.9

66 42.1 16.5 56.5





#11

bis(2-Chloroethyl)ether

Concen: 45.89 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

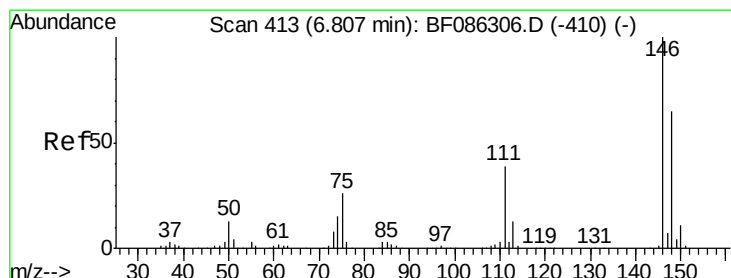
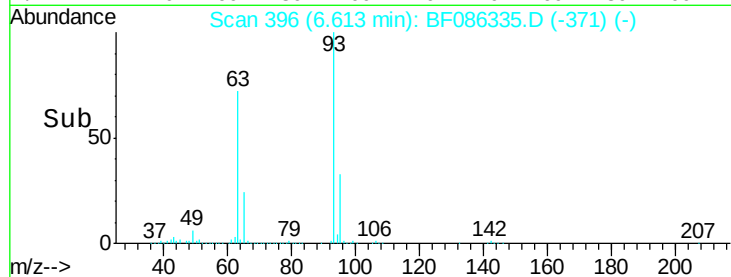
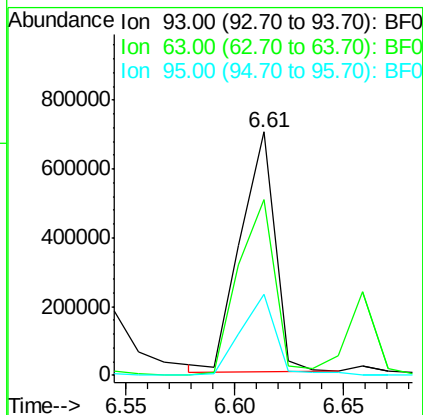
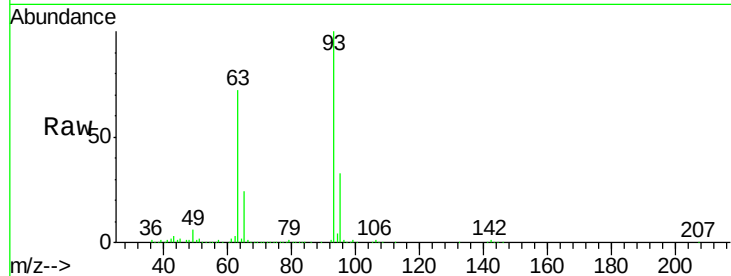
ClientSampleId :

LCF-B2MS

Tot Ion:	93	Resp:	768876
Ion Ratio	Lower	Upper	
93	100		
63	72.3	44.4	84.4
95	33.1	13.1	53.1

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#12

1,3-Dichlorobenzene

Concen: 45.81 ng

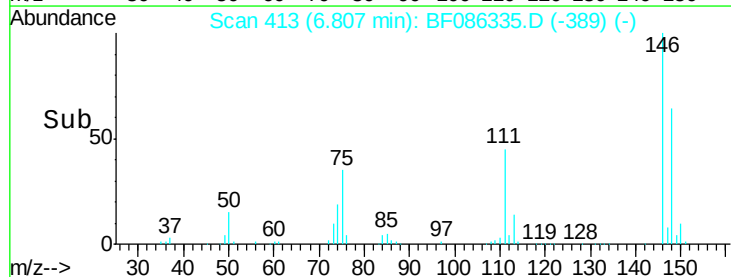
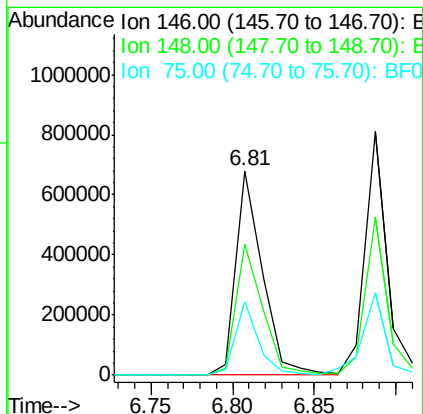
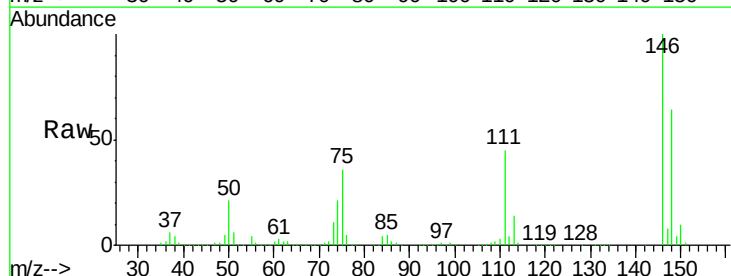
RT: 6.81 min Scan# 413

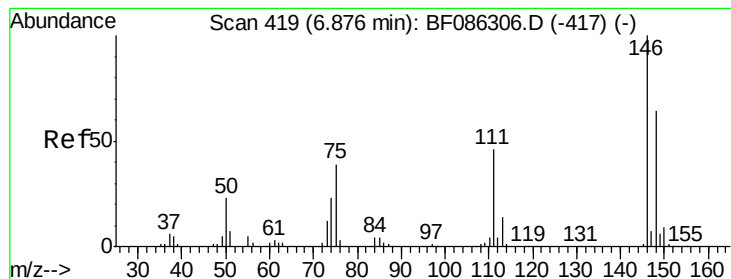
Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Tgt Ion:	146	Resp:	763630
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.0	76.4
75	35.6	29.9	44.9





#13

1,4-Dichlorobenzene

Concen: 44.92 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

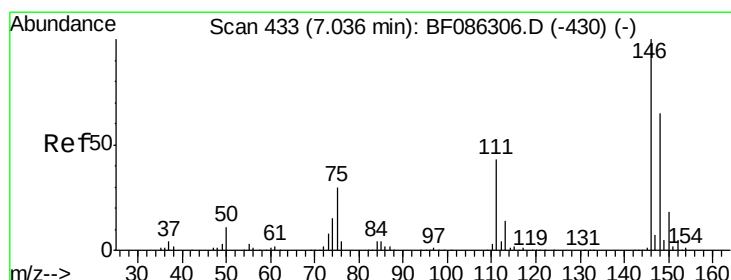
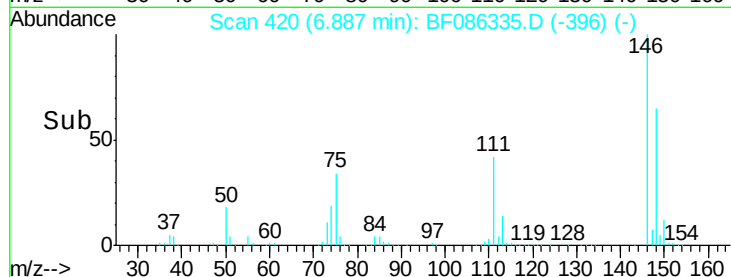
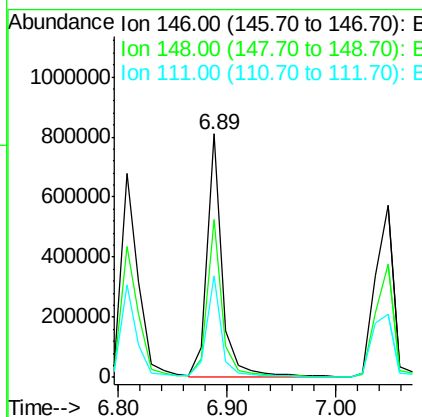
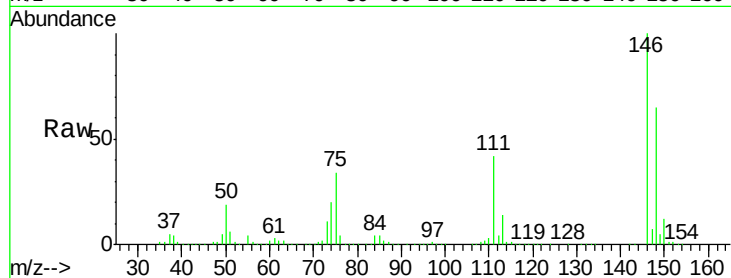
ClientSampleId :

LCF-B2MS

Tot Ion:	146	Resp:	800086
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.8	77.6
111	41.6	34.9	52.3

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 43.98 ng

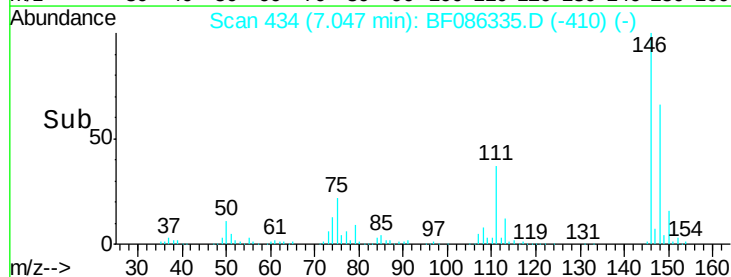
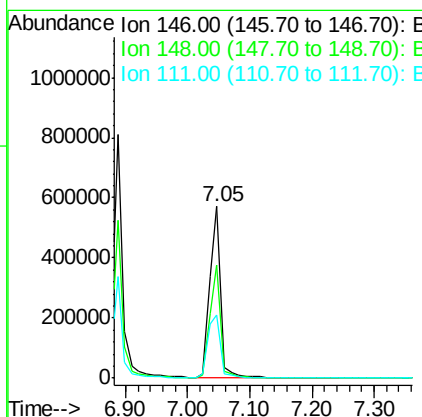
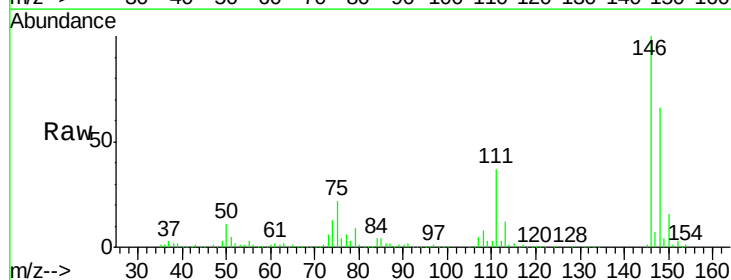
RT: 7.05 min Scan# 434

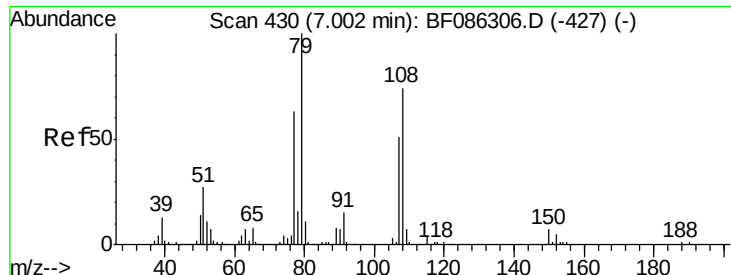
Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Tgt Ion:	146	Resp:	694995
Ion Ratio	Lower	Upper	
146	100		
148	65.6	52.2	78.2
111	36.8	31.0	46.4





#15

Benzyl Alcohol

Concen: 49.10 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

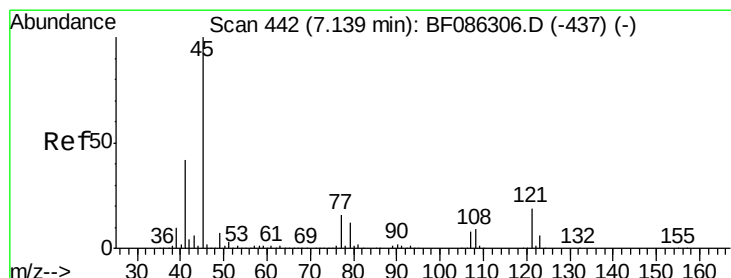
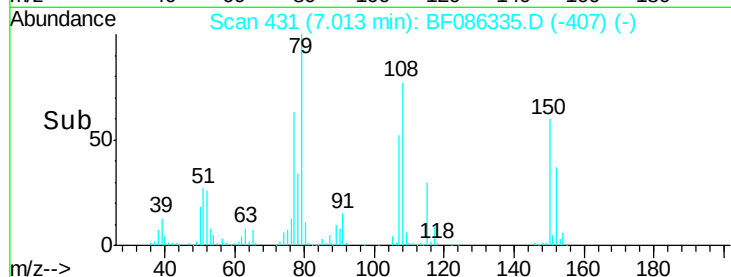
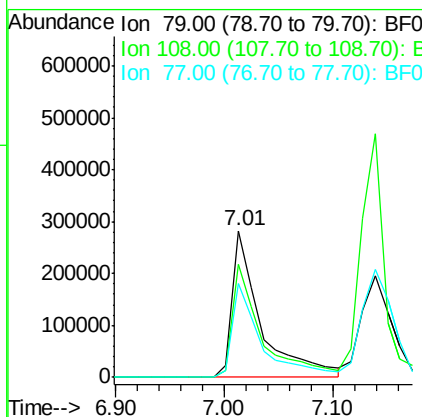
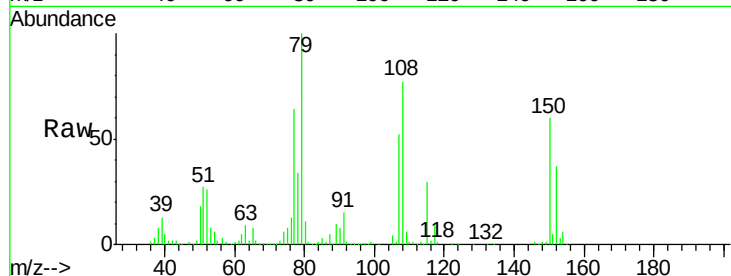
ClientSampleID :

LCF-B2MS

Tot Ion:	79	Resp:	510627
Ion Ratio	Lower	Upper	
79	100		
108	77.1	64.8	97.2
77	63.5	51.9	77.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.85 ng

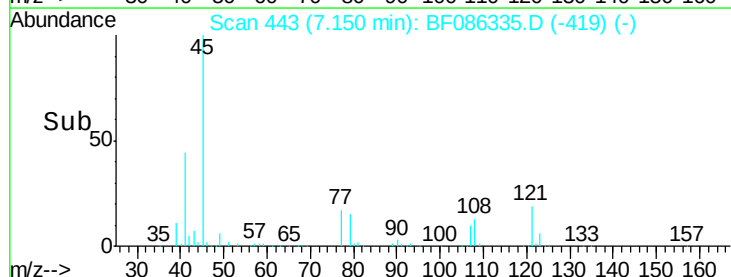
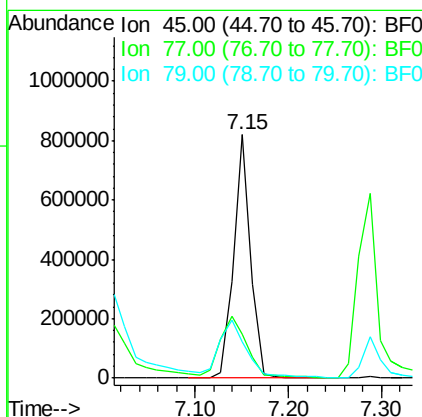
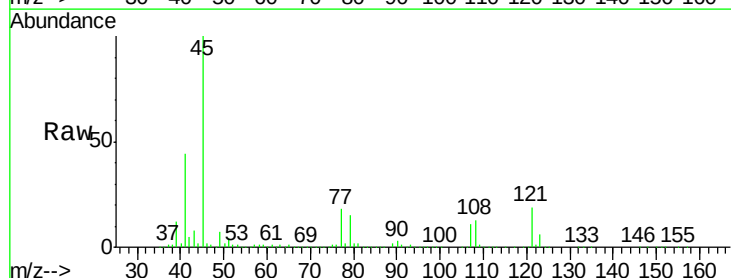
RT: 7.15 min Scan# 443

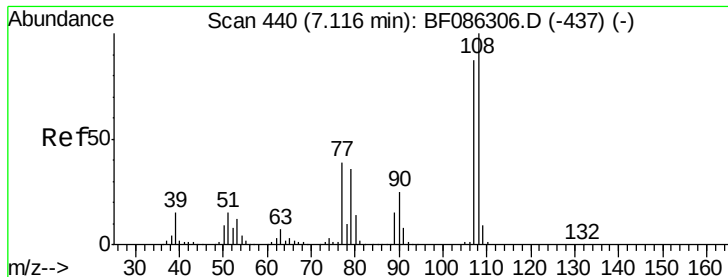
Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Tgt Ion:	45	Resp:	1033890
Ion Ratio	Lower	Upper	
45	100		
77	18.2	0.0	33.7
79	15.1	0.0	30.1





#17

2-Methylphenol

Concen: 47.31 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

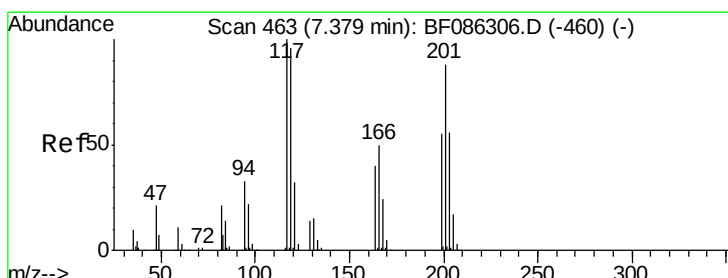
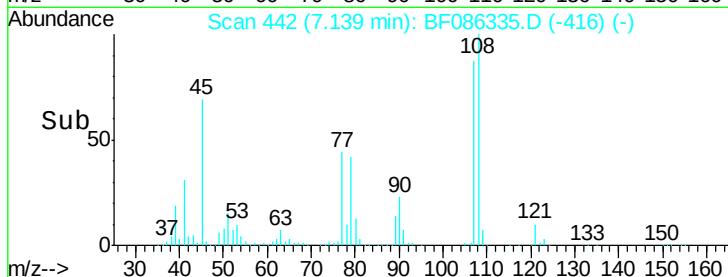
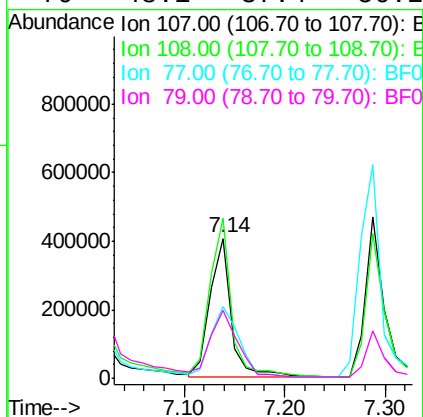
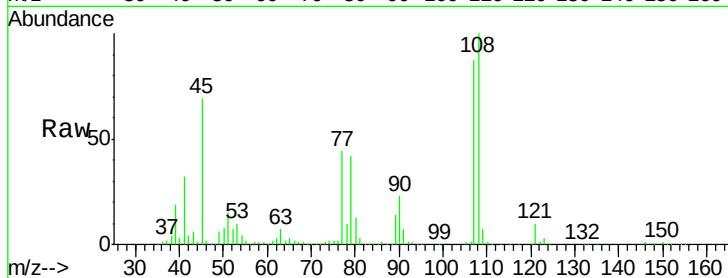
ClientSampled :

LCF-B2MS

Tot Ion:	107	Resp:	600756
Ion Ratio	Lower	Upper	
107	100		
108	114.9	92.7	139.1
77	51.0	39.6	59.4
79	48.1	37.4	56.2

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#18

Hexachloroethane

Concen: 28.59 ng

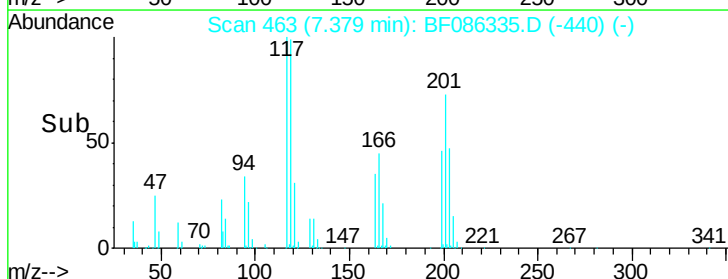
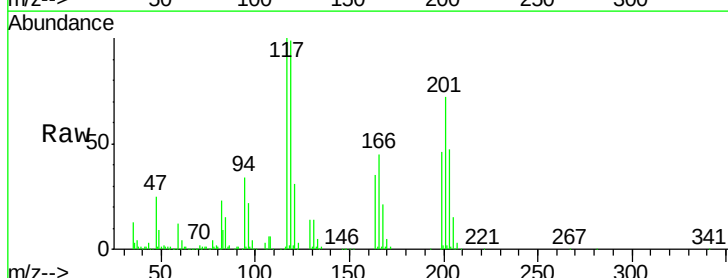
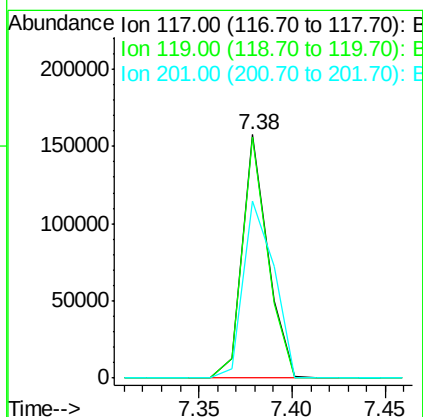
RT: 7.38 min Scan# 463

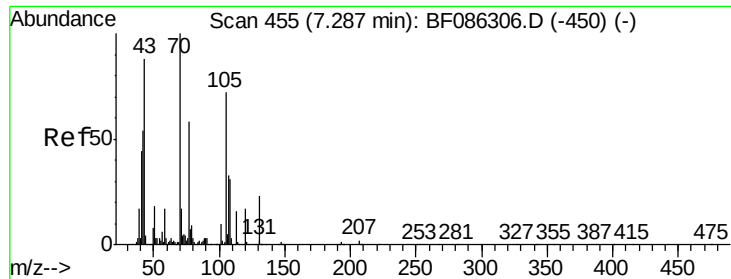
Delta R.T. -0.03 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Tgt Ion:	117	Resp:	151803
Ion Ratio	Lower	Upper	
117	100		
119	99.0	78.2	117.4
201	72.5	75.7	113.5#





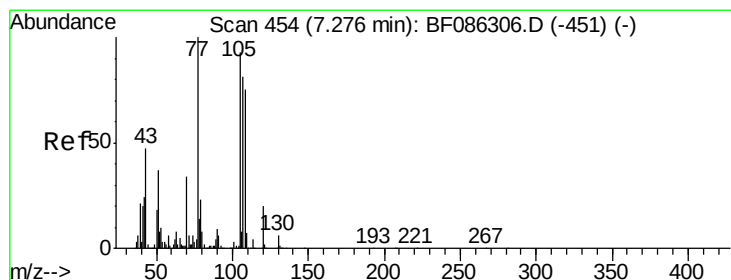
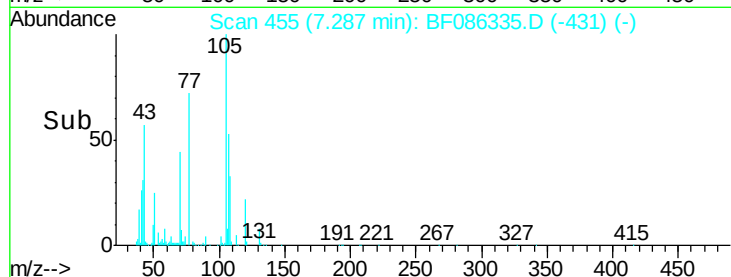
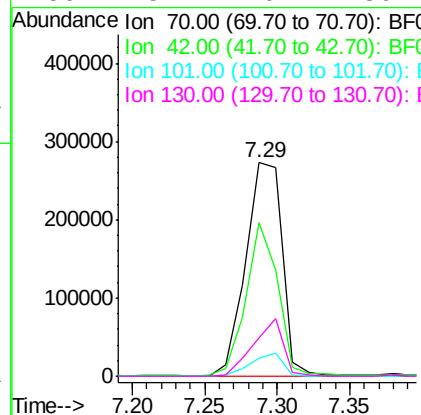
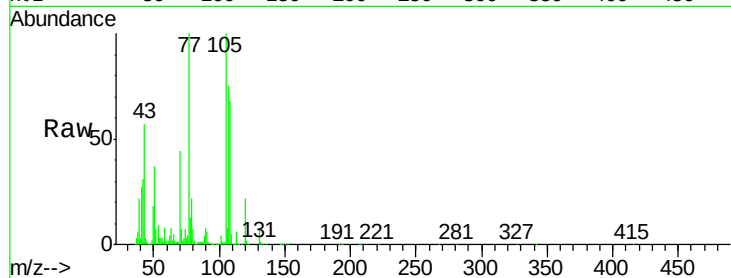
#19
n-Nitroso-di-n-propylamine
Concen: 47.08 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
LCF-B2MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.7	43.0	64.4#
101	8.5	8.1	12.1
130	18.1	20.1	30.1#

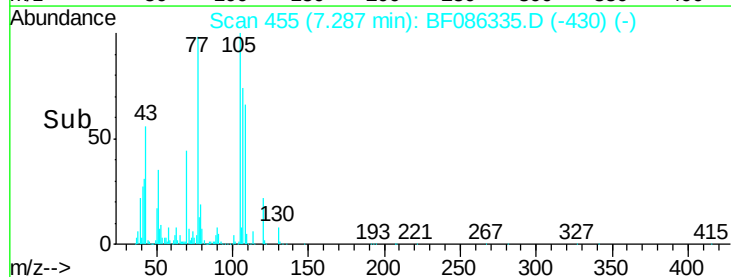
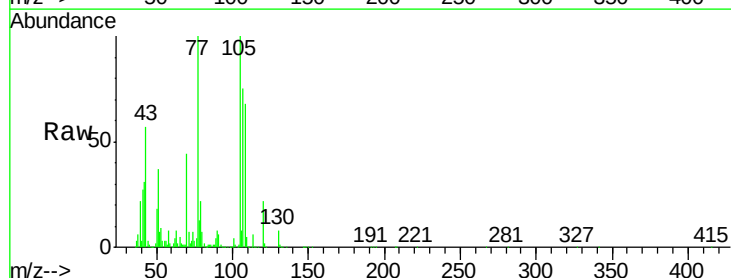
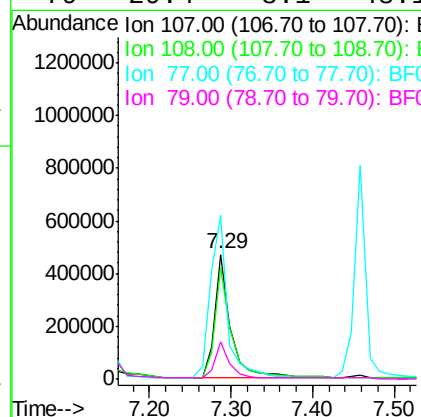
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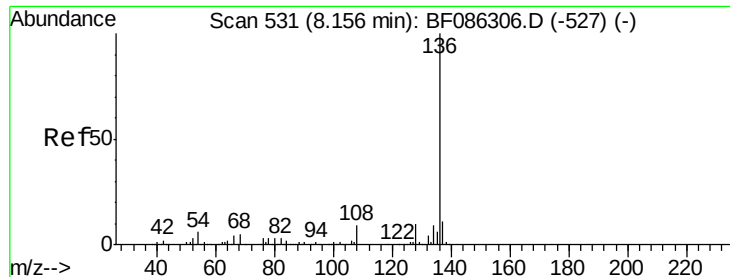
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#20
3+4-Methylphenols
Concen: 48.36 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	69.7	109.7
77	132.1	60.5	100.5#
79	29.4	8.1	48.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

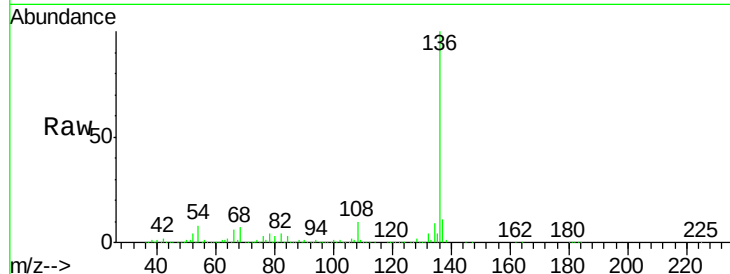
ClientSampleId :

LCF-B2MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	832264		
137	11.4		9.1	13.7
54	8.4		7.3	10.9
68	6.9		5.7	8.5

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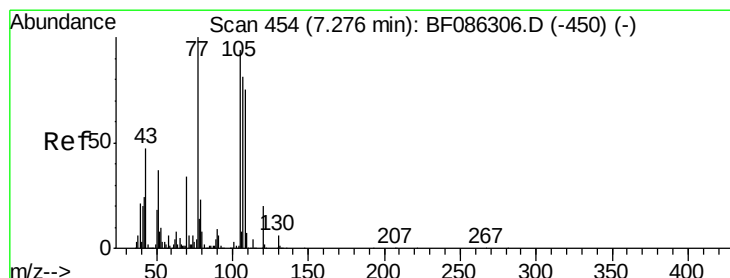
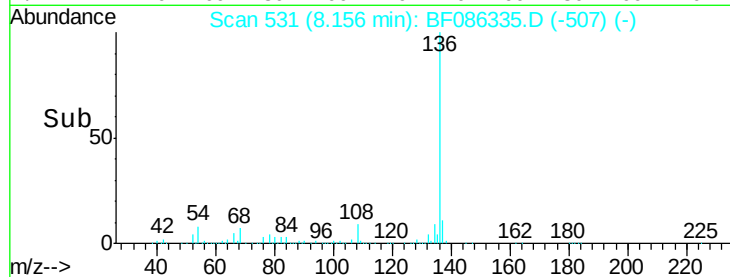
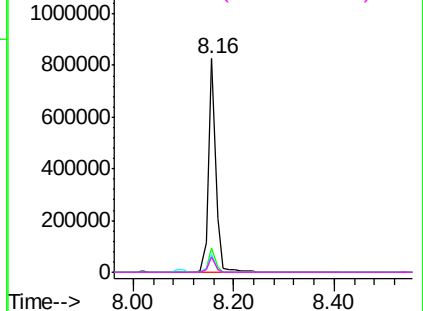
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 54.46 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	952158		
71	7.4		4.0	6.0#
51	36.7		22.0	33.0#
120	21.8		17.5	26.3

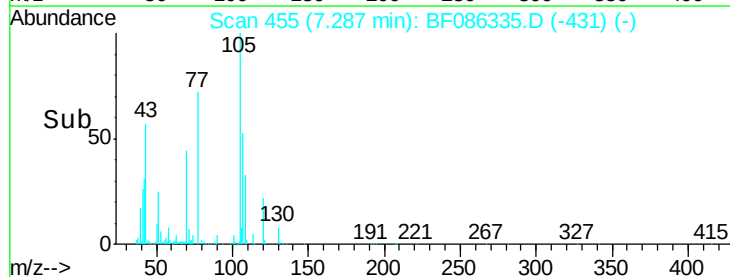
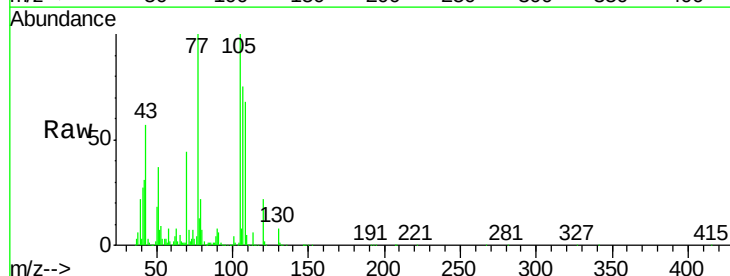
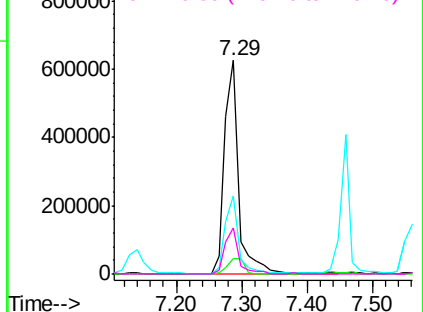
Abundance

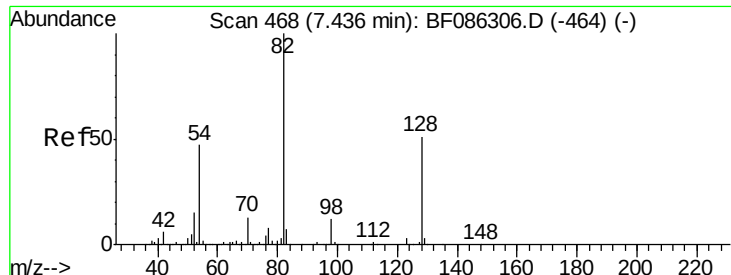
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





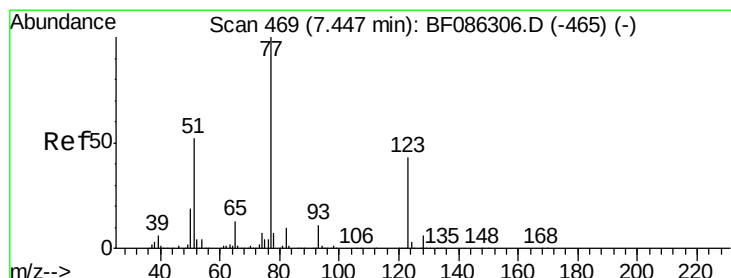
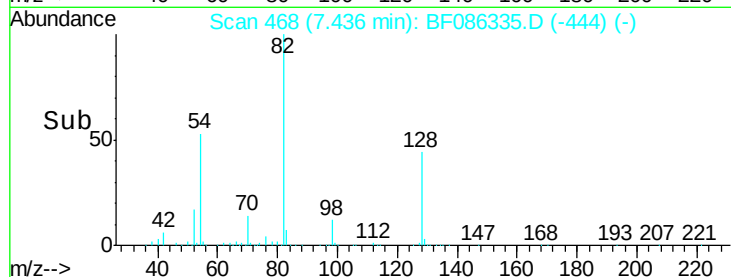
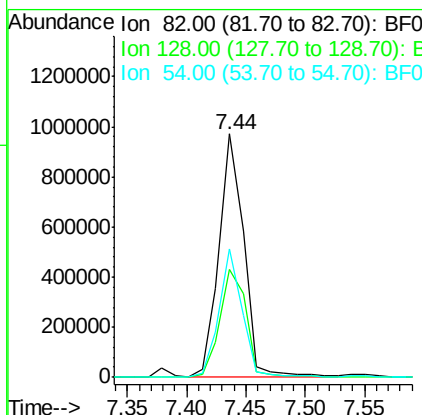
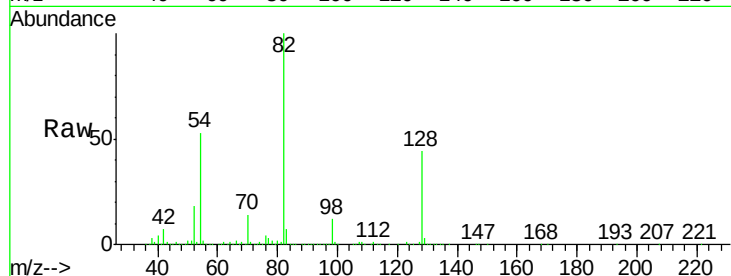
#23
 Nitrobenzene-d5
 Concen: 96.96 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2MS

Tot Ion: 82 Resp: 1408965
 Ion Ratio Lower Upper
 82 100
 128 44.3 35.4 53.2
 54 52.8 43.4 65.0

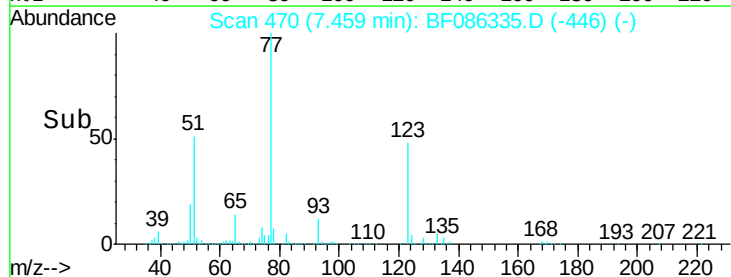
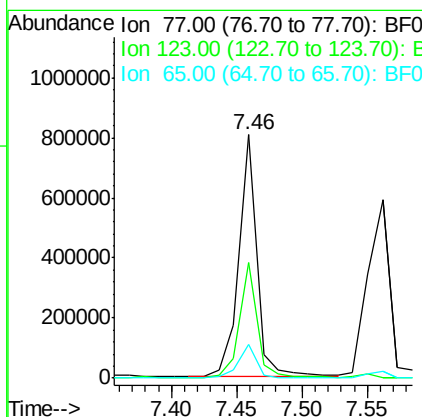
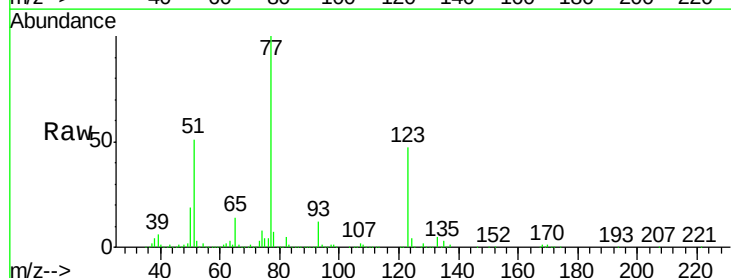
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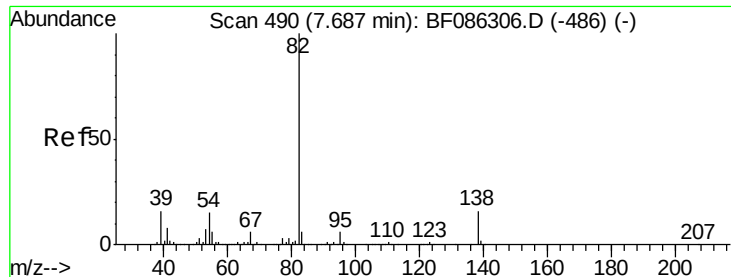
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#24
 Nitrobenzene
 Concen: 49.31 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Tgt Ion: 77 Resp: 766560
 Ion Ratio Lower Upper
 77 100
 123 47.3 38.3 57.5
 65 13.6 11.3 16.9





#25

Isophorone

Concen: 50.90 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

LCF-B2MS

Tot Ion: 82 Resp: 1401469

Ion Ratio Lower Upper

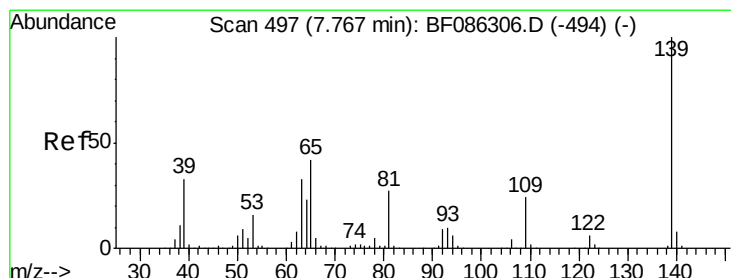
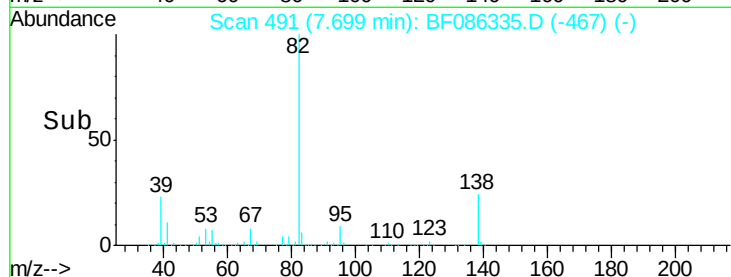
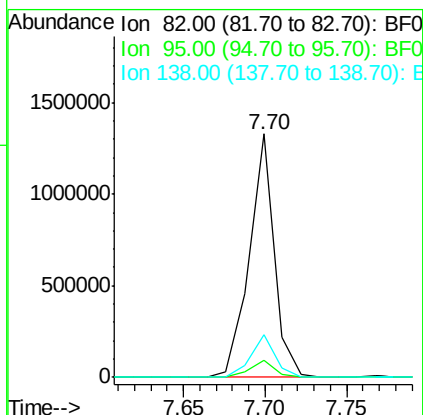
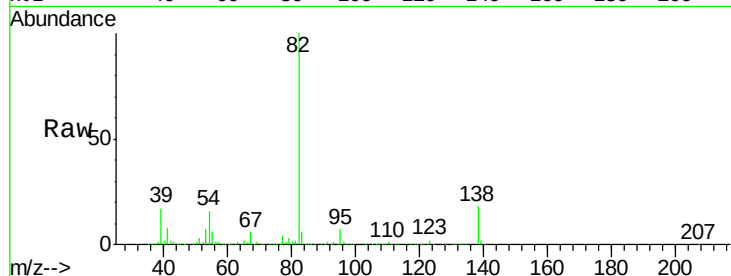
82 100

95 6.8 5.4 8.2

138 17.5 13.4 20.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.75 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

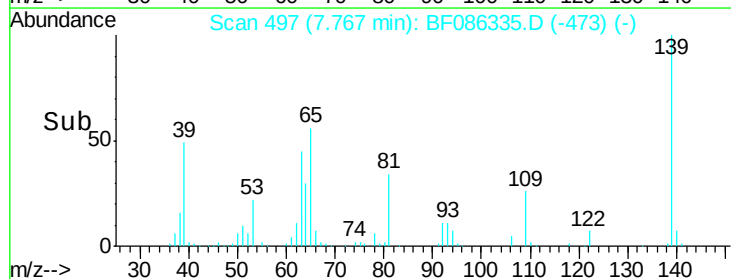
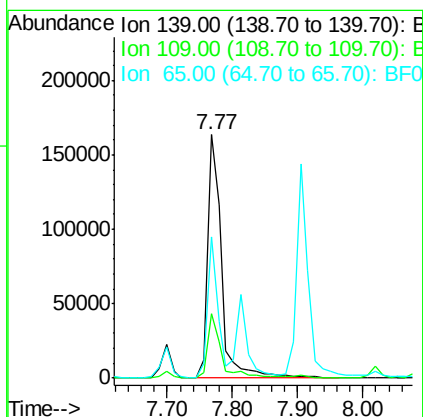
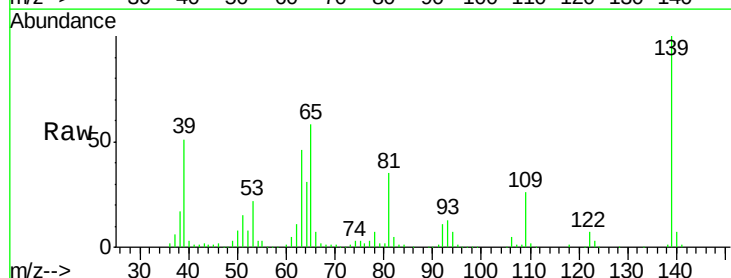
Tgt Ion: 139 Resp: 241668

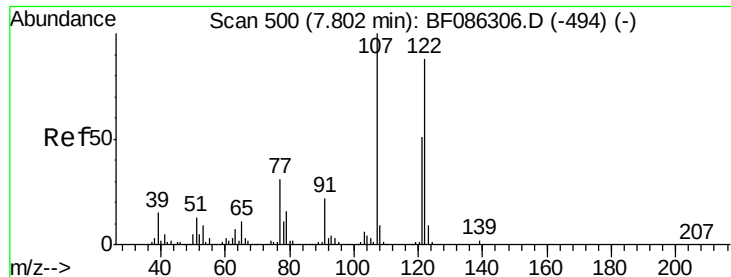
Ion Ratio Lower Upper

139 100

109 26.3 25.8 38.8

65 57.8 50.2 75.2





#27

2,4-Dimethylphenol

Concen: 43.83 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

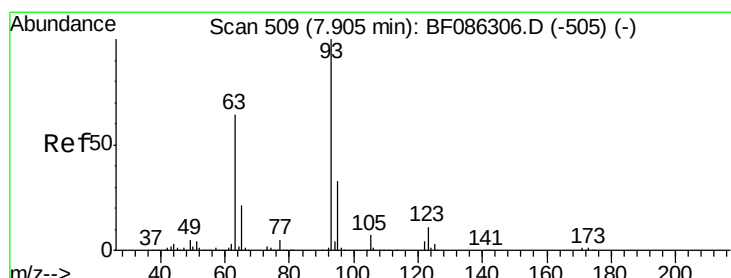
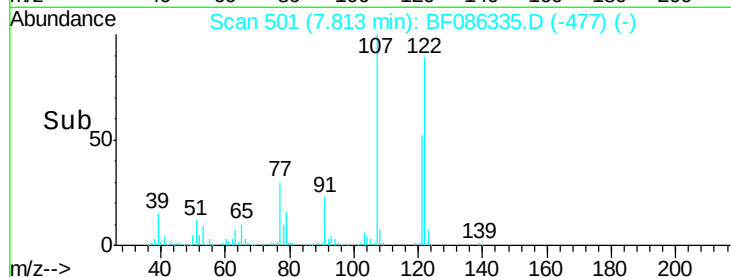
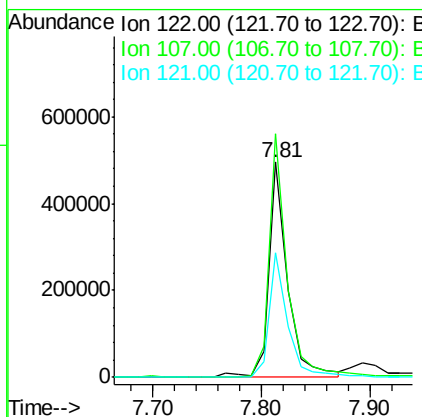
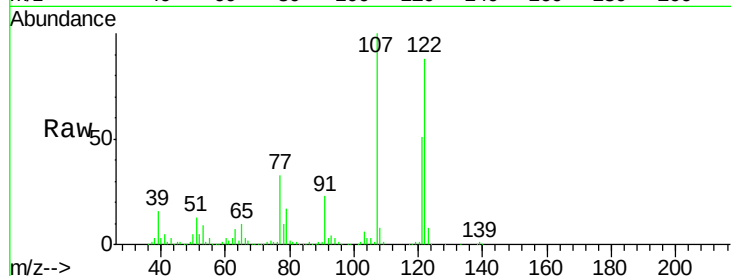
ClientSampleId :

LCF-B2MS

Tot Ion:	122	Resp:	597728
Ion Ratio	Lower	Upper	
122	100		
107	113.2	85.8	128.6
121	58.2	47.1	70.7

Manual Integrations
APPROVED

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#28

bis(2-Chloroethoxy)methane

Concen: 55.38 ng

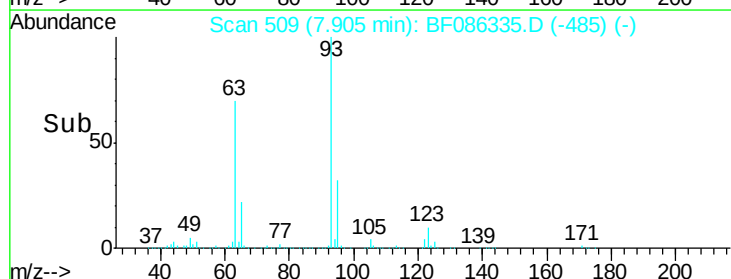
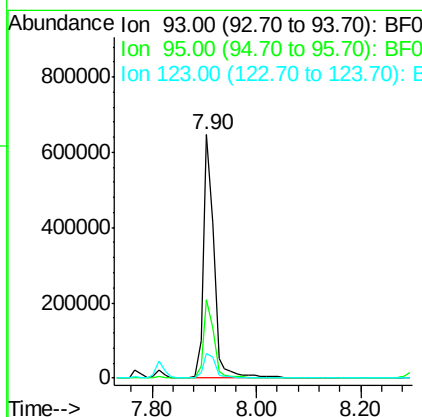
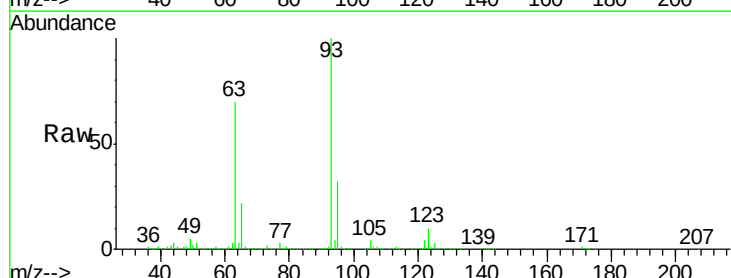
RT: 7.90 min Scan# 509

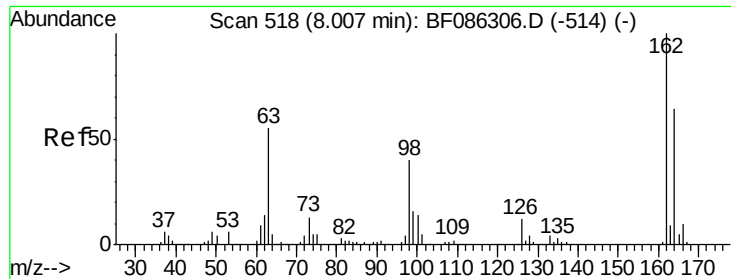
Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Tgt Ion:	93	Resp:	891751
Ion Ratio	Lower	Upper	
93	100		
95	32.1	25.8	38.8
123	10.3	8.9	13.3





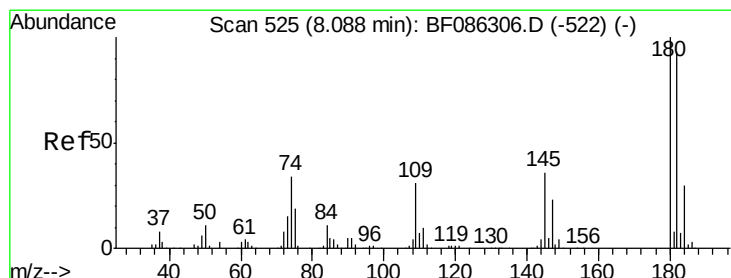
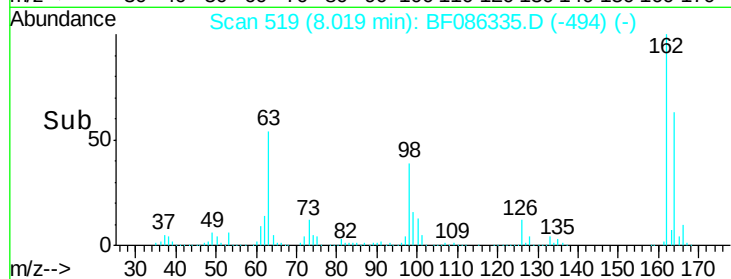
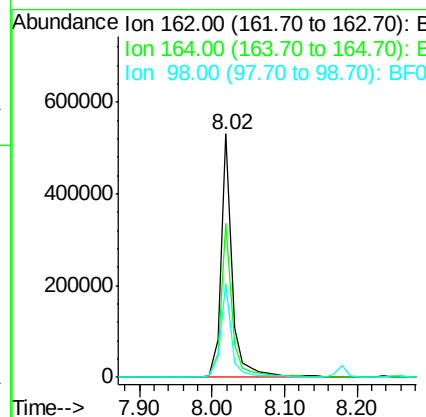
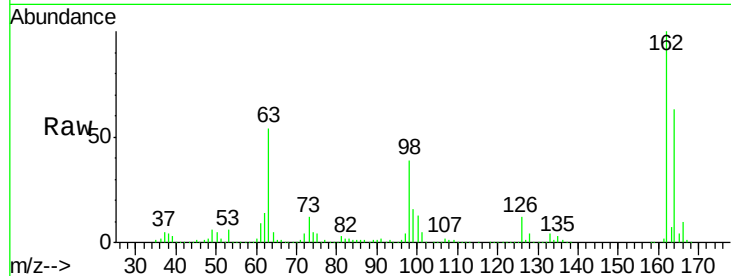
#29
2,4-Dichlorophenol
Concen: 52.78 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.01 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
LCF-B2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		567715		
164	63.2	43.3	83.3		
98	38.6	22.9	62.9		

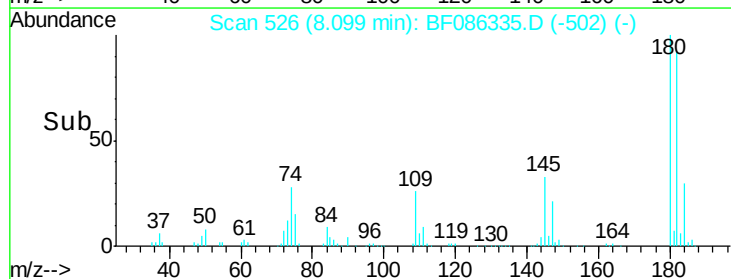
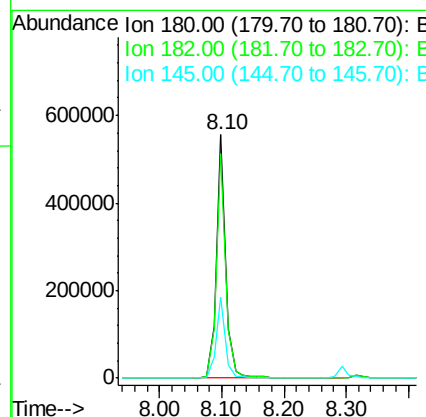
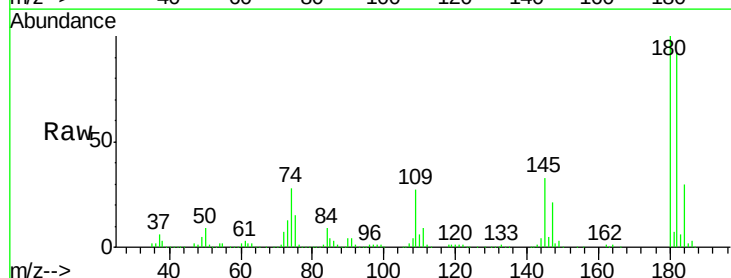
Manual Integrations
APPROVED

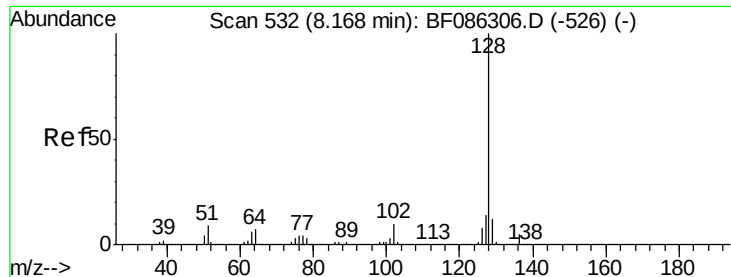
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#30
1,2,4-Trichlorobenzene
Concen: 49.50 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		574328		
182	92.0	76.3	114.5		
145	33.4	27.4	41.2		





#31

Naphthalene

Concen: 47.70 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

ClientSampled :

LCF-B2MS

Tot Ion:128 Resp: 1892271

Ion Ratio Lower Upper

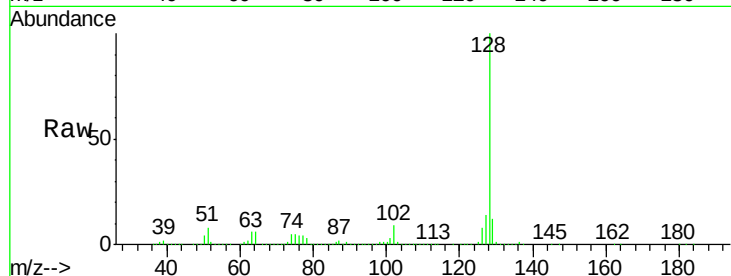
128 100

129 11.7 9.6 14.4

127 13.8 11.4 17.2

Manual Integrations
APPROVED

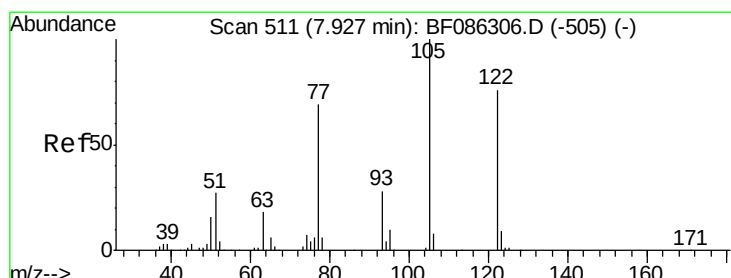
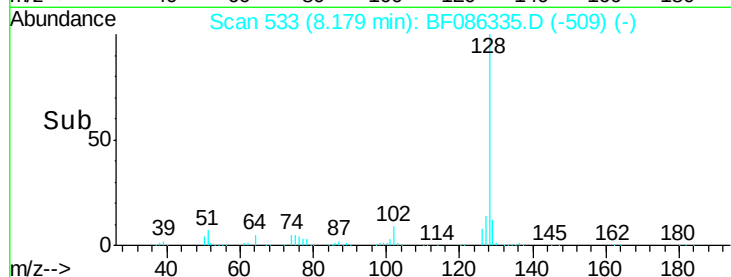
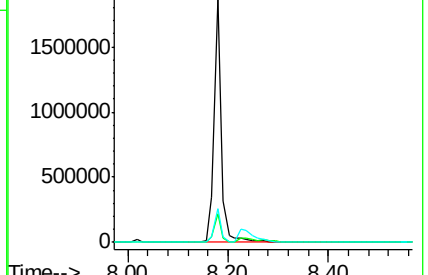
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 10.56 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.05 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

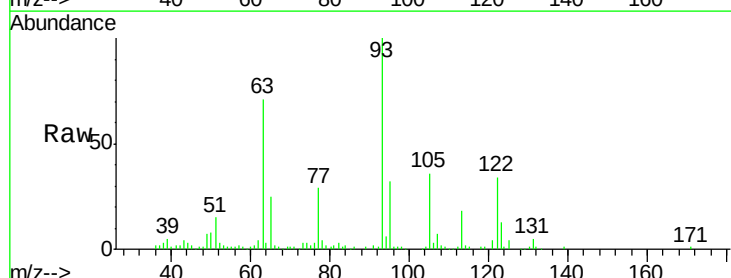
Tgt Ion:122 Resp: 85611

Ion Ratio Lower Upper

122 100

105 105.2 103.7 143.7

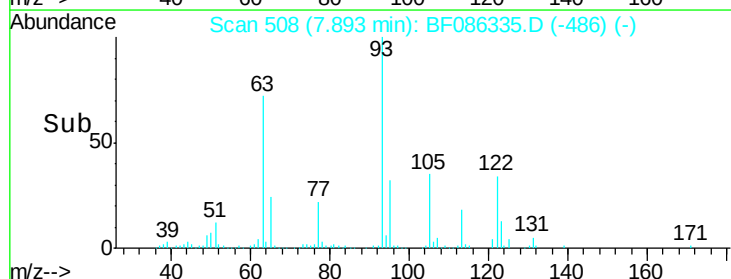
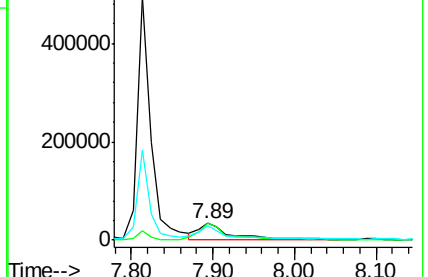
77 86.5 74.9 114.9

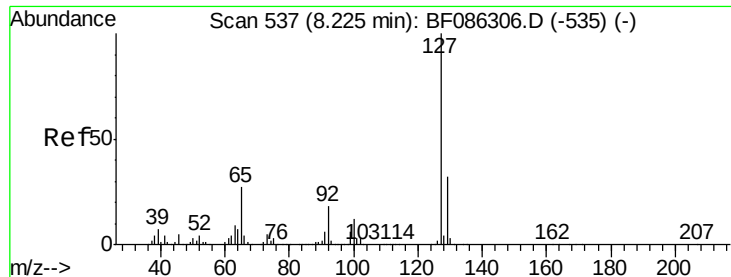


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





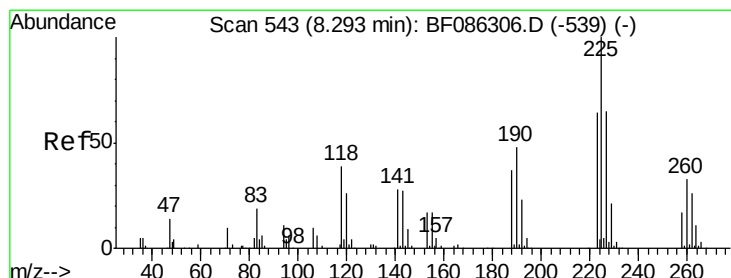
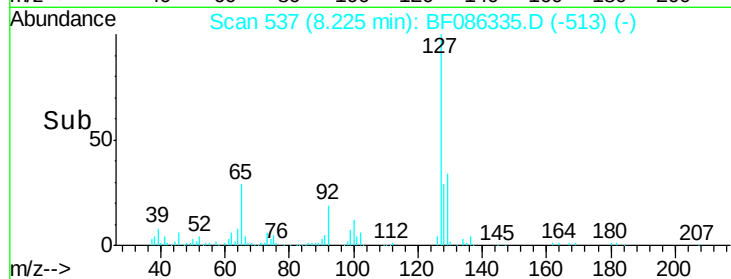
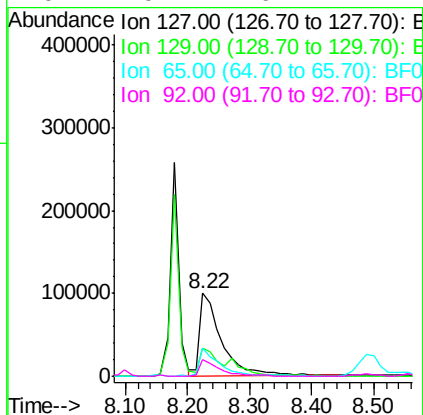
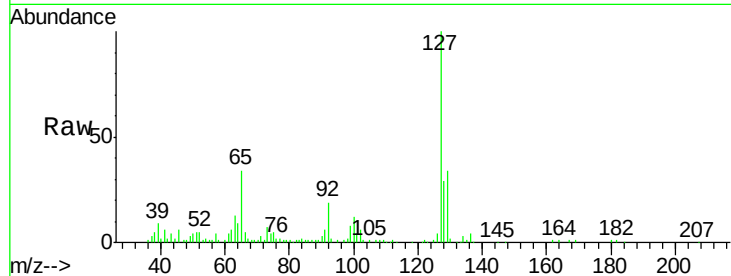
#33
4-Chloroaniline
Concen: 14.66 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
LCF-B2MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.7	26.8	40.2		
65	33.7	27.1	40.7		
92	19.4	16.2	24.2		

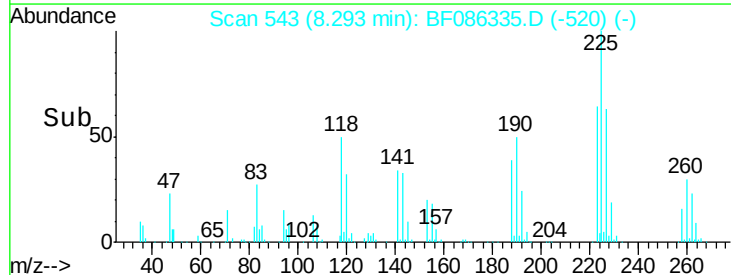
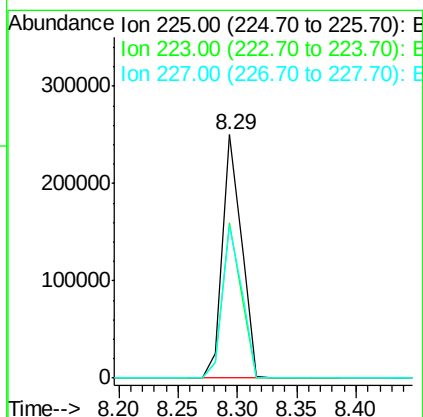
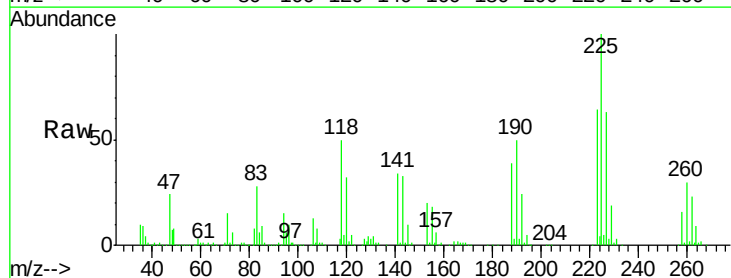
Manual Integrations
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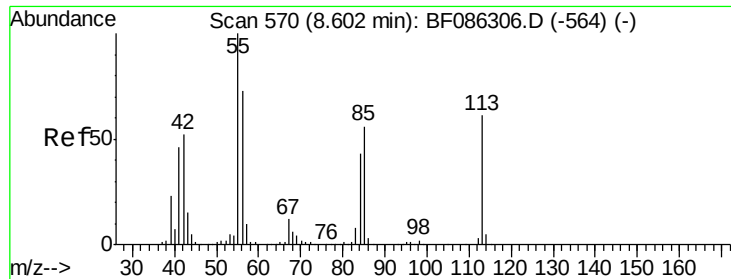
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#34
Hexachlorobutadiene
Concen: 47.42 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.9	49.4	74.0		
227	62.6	51.1	76.7		





#35

Caprolactam

Concen: 51.87 ng

RT: 8.60 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

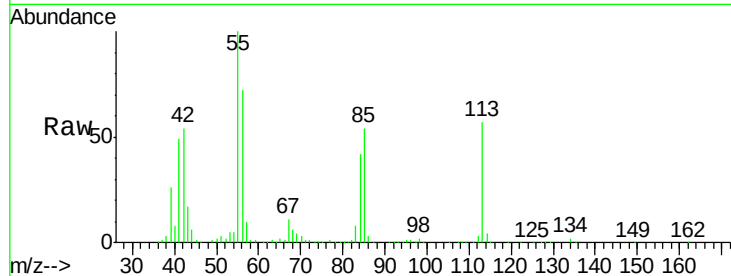
ClientSampled :

LCF-B2MS

Tot Ion:	113	Resp:	180648
Ion Ratio	Lower	Upper	
113	100		
55	174.5	117.5	157.5#
56	126.1	82.5	122.5#

Manual Integrations
APPROVED

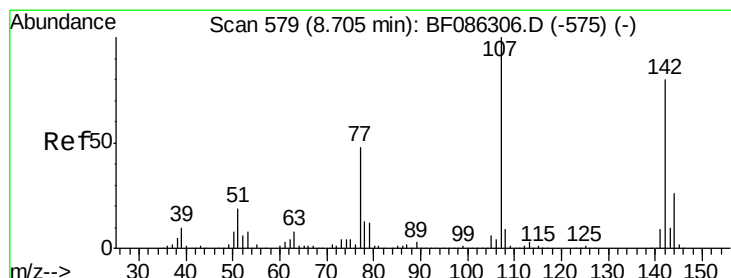
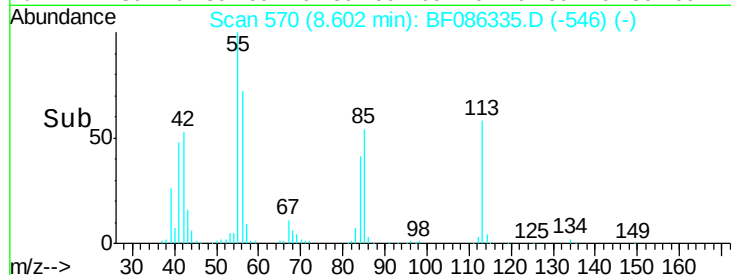
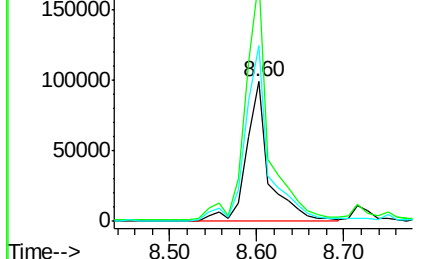
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.98 ng

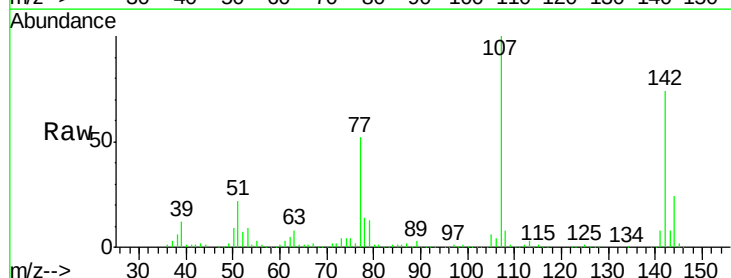
RT: 8.72 min Scan# 580

Delta R.T. -0.01 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

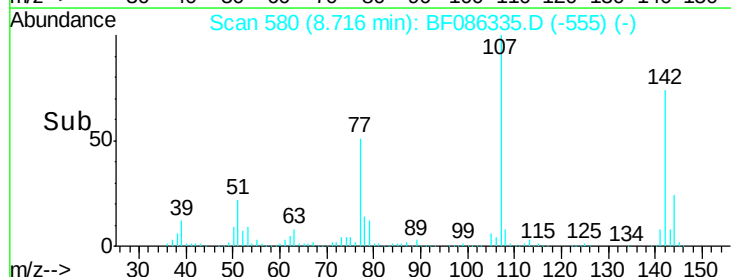
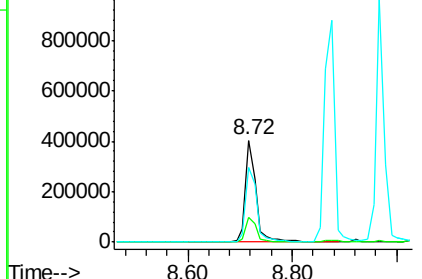
Tgt Ion:	107	Resp:	568160
Ion Ratio	Lower	Upper	
107	100		
144	23.8	20.7	31.1
142	73.6	64.5	96.7

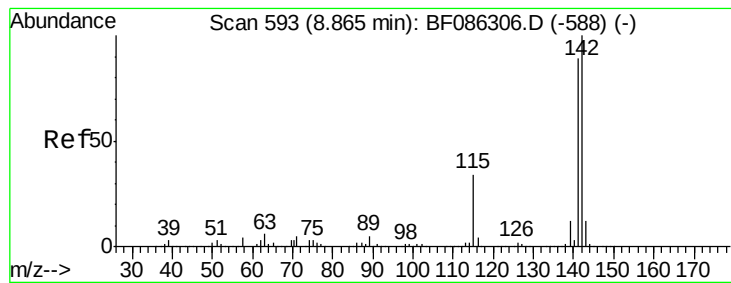


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





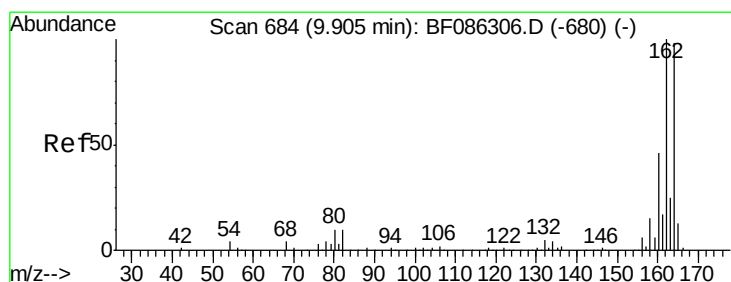
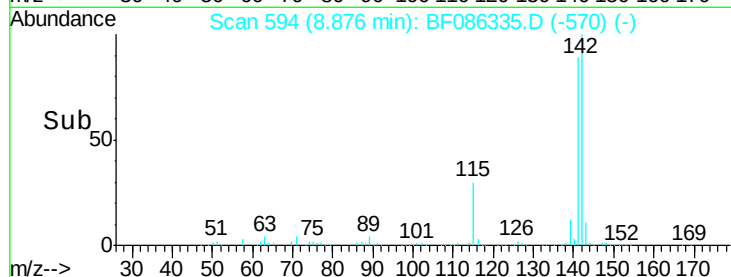
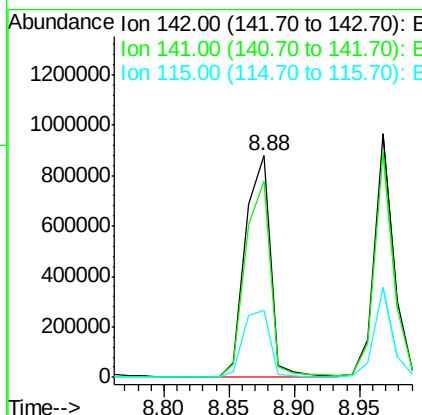
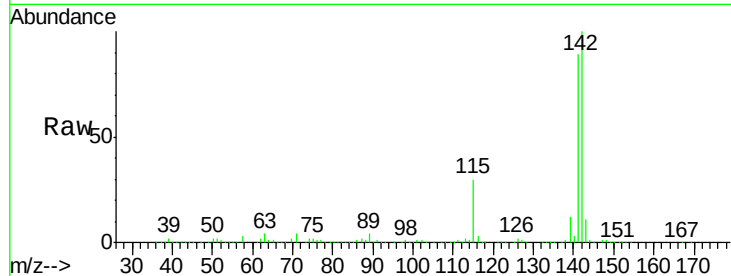
#37
2-Methylnaphthalene
Concen: 48.20 ng
RT: 8.88 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
LCF-B2MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.1	106.7
115	30.1	25.1	37.7

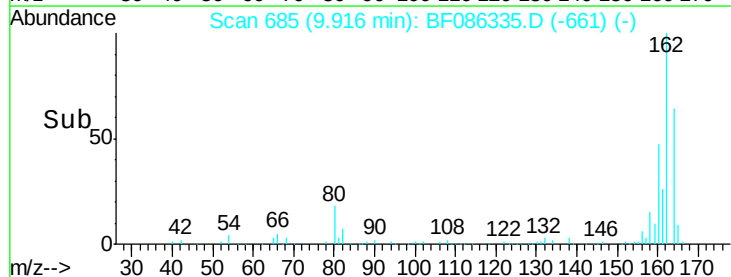
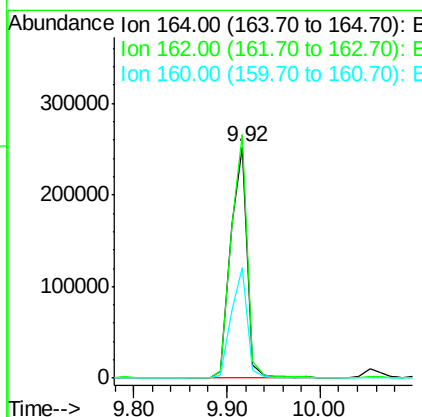
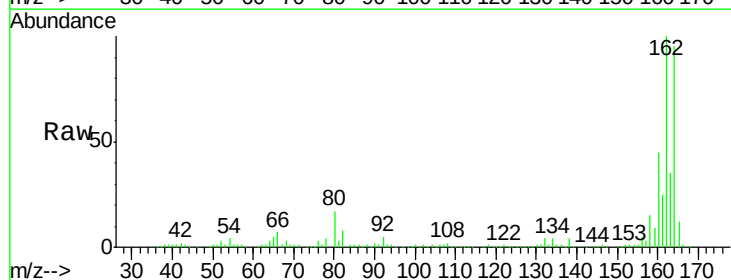
Manual Integrations
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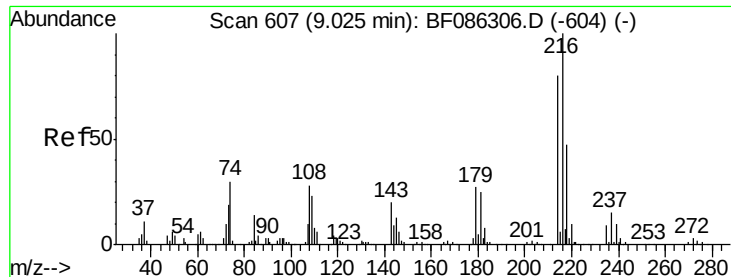
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.3	82.8	124.2
160	47.7	38.9	58.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.79 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

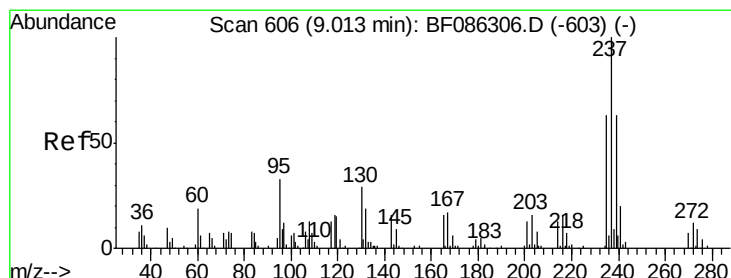
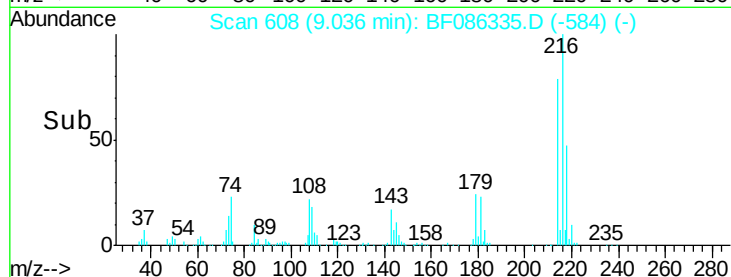
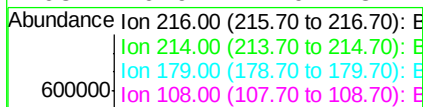
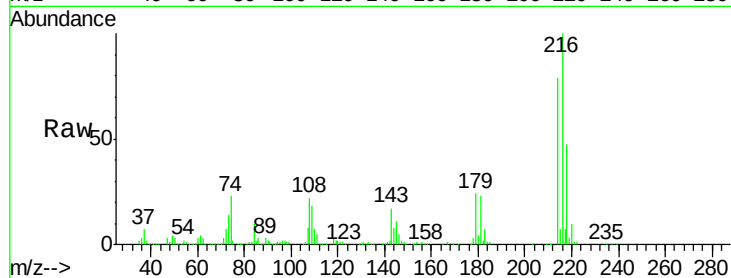
ClientSampleId :

LCF-B2MS

Tot Ion:	216	Resp:	446884
Ion Ratio		Lower	Upper
216	100		
214	78.7	64.9	97.3
179	23.3	19.8	29.6
108	20.9	21.0	31.4

Manual Integrations
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#40

Hexachlorocyclopentadiene

Concen: 18.27 ng

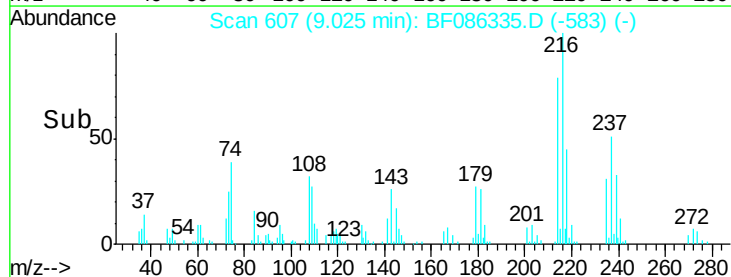
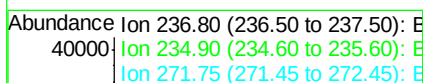
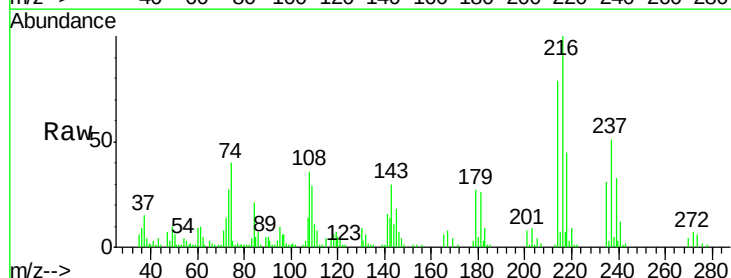
RT: 9.02 min Scan# 607

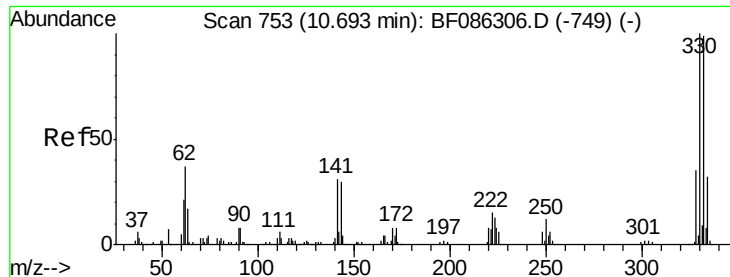
Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Tgt Ion:	237	Resp:	34179
Ion Ratio		Lower	Upper
237	100		
235	60.3	44.0	84.0
272	13.2	0.0	32.4





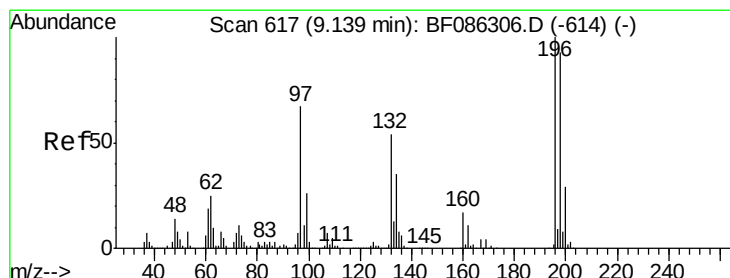
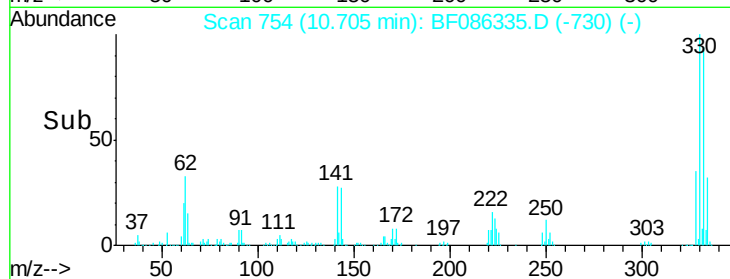
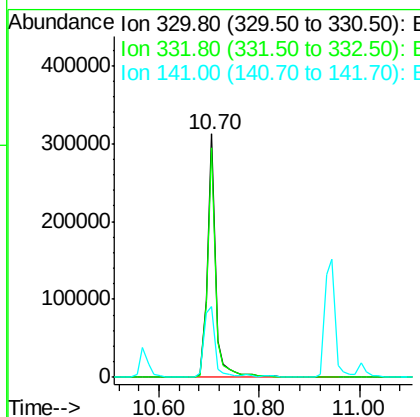
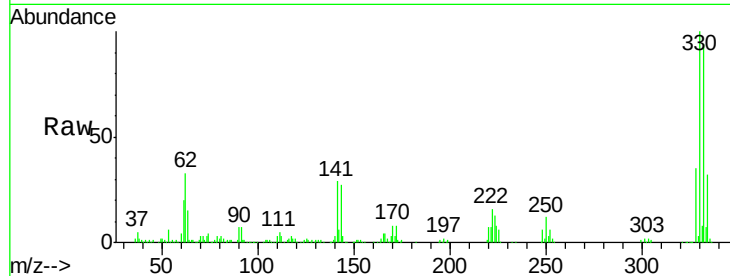
#41
 2,4,6-Tribromophenol
 Concen: 147.51 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.02 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2MS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	358836		
332	95.2	78.7	118.1	
141	38.1	28.6	42.8	

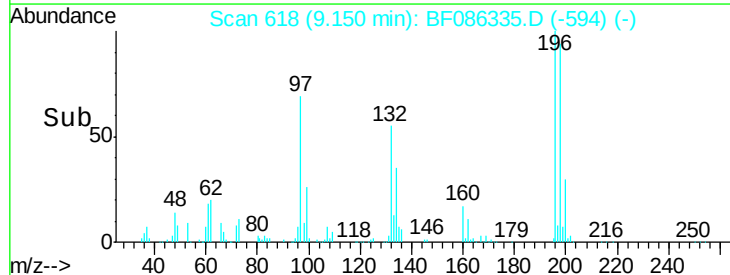
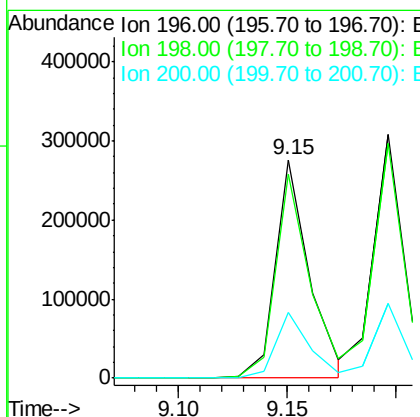
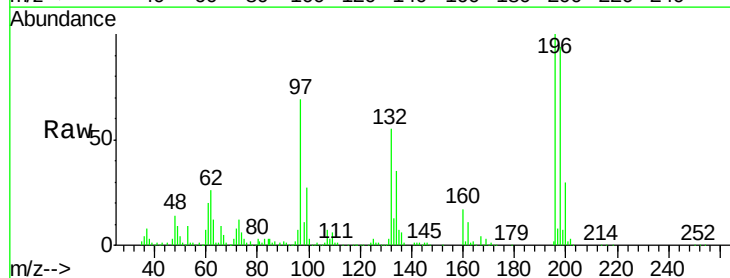
Manual Integrations
 APPROVED

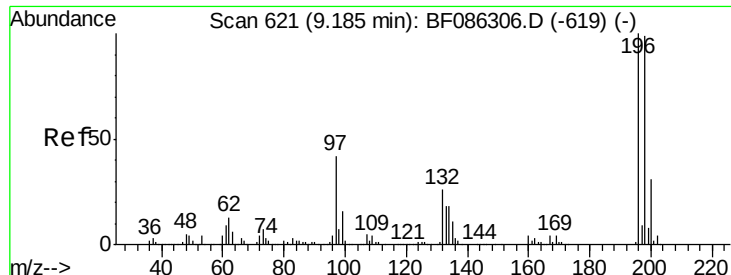
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#42
 2,4,6-Trichlorophenol
 Concen: 52.31 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	301464		
198	93.6	76.6	115.0	
200	29.9	25.3	37.9	





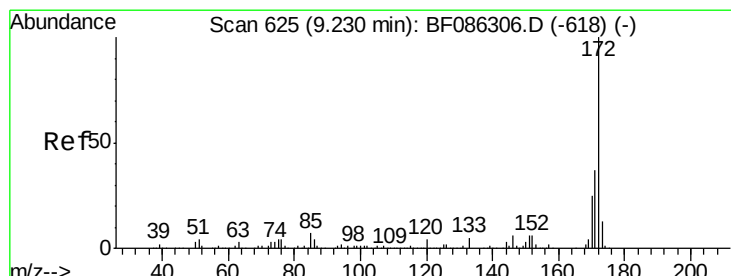
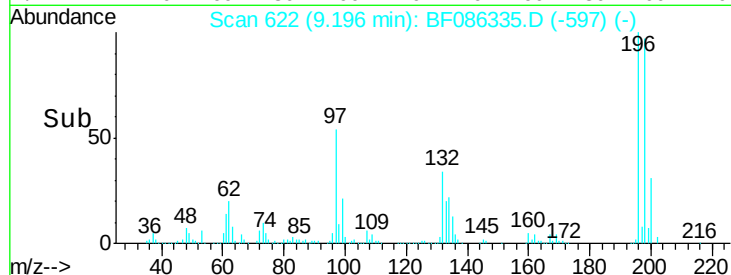
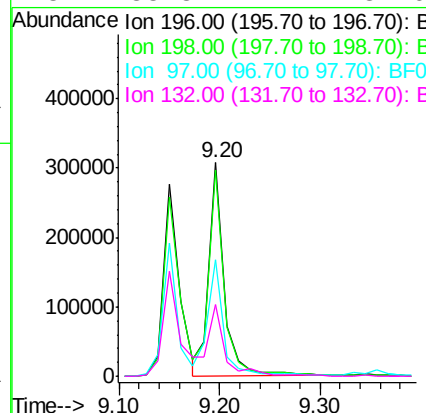
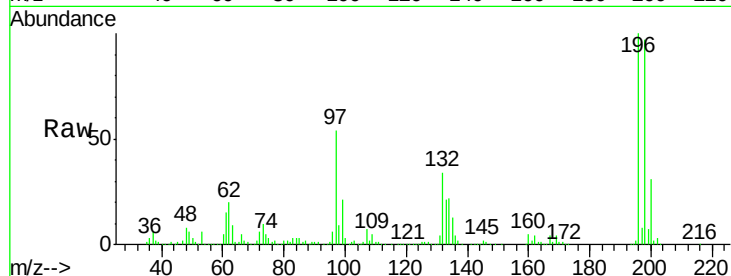
#43
 2,4,5-Trichlorophenol
 Concen: 52.15 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	327326		
198	96.6	77.7	116.5	
97	54.5	32.6	48.8	
132	33.8	21.4	32.0	

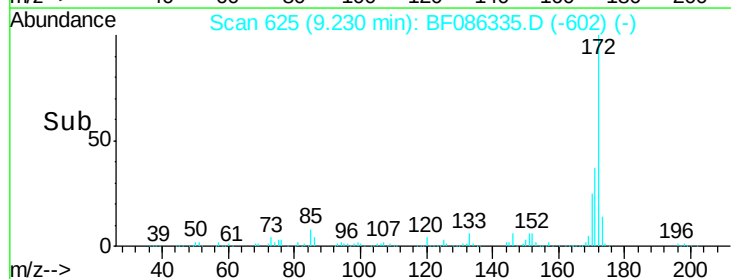
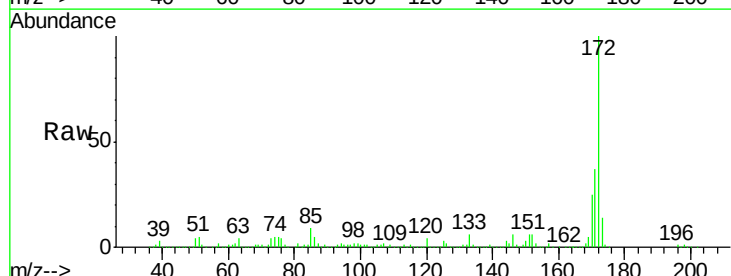
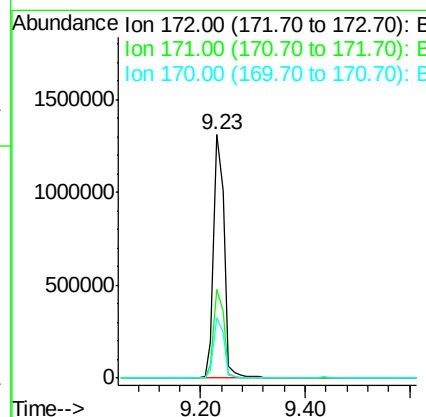
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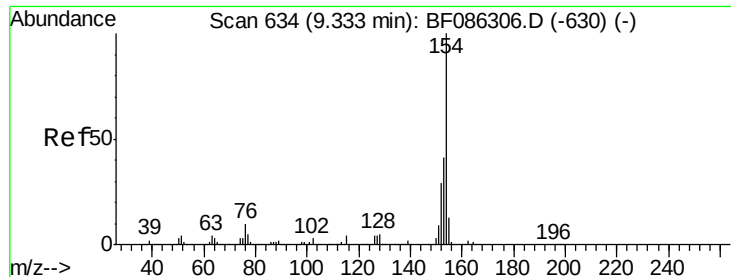
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#44
 2-Fluorobiphenyl
 Concen: 125.07 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1848753		
171	36.6	29.1	43.7	
170	25.1	19.9	29.9	





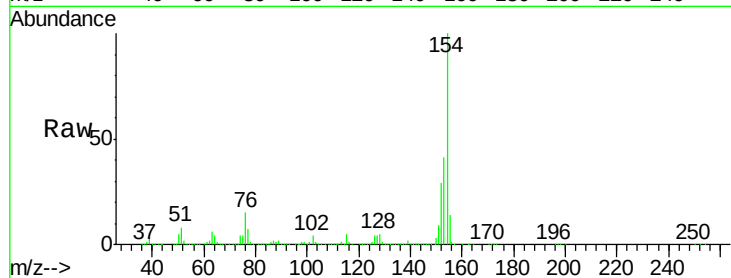
#45
 1,1'-Biphenyl
 Concen: 50.96 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2MS

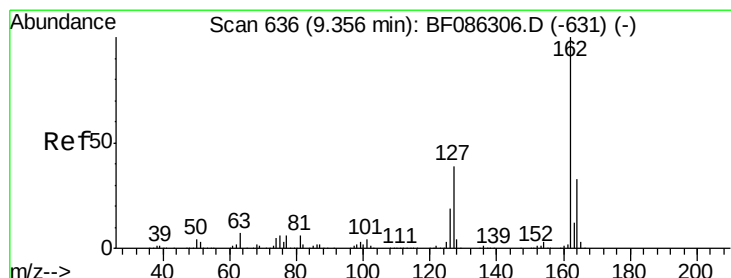
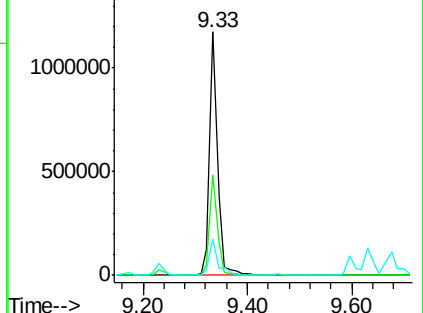
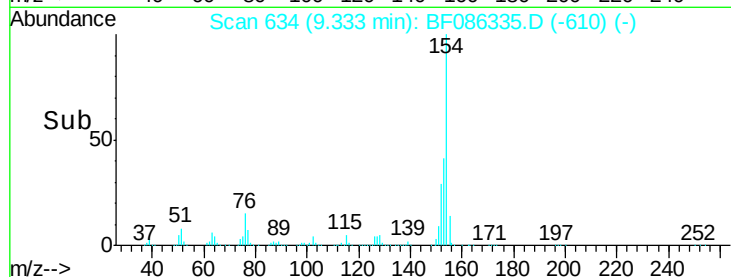
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.3	61.3
76	15.0	0.0	36.4

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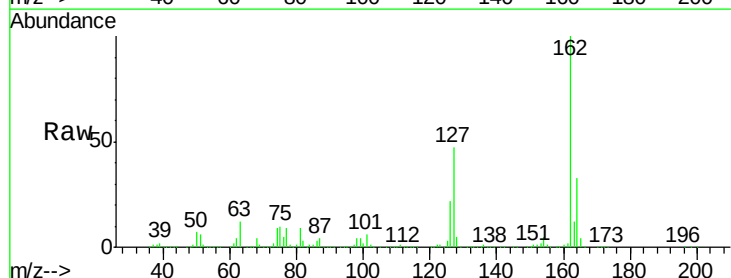


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

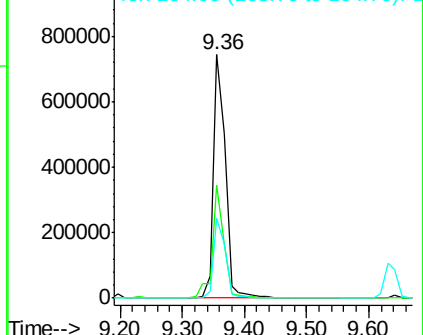
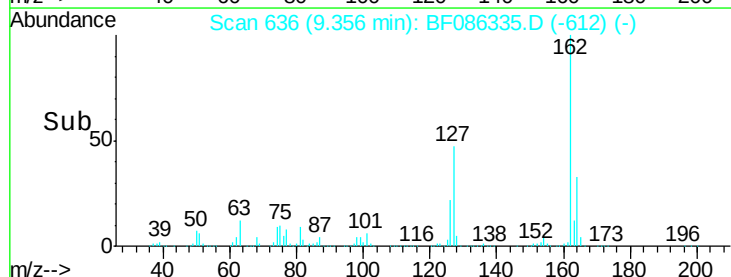


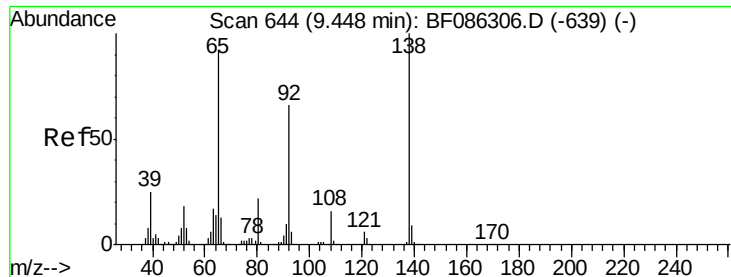
#46
 2-Chloronaphthalene
 Concen: 52.39 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
162	100		
127	46.5	36.7	55.1
164	32.9	26.4	39.6



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





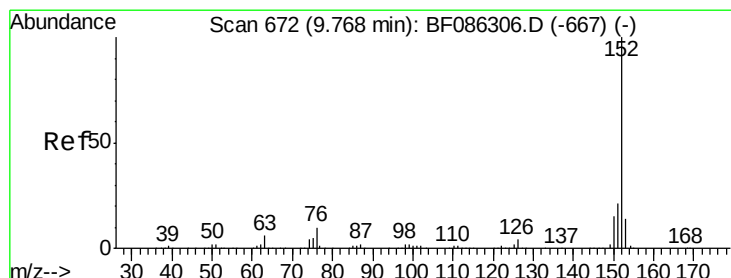
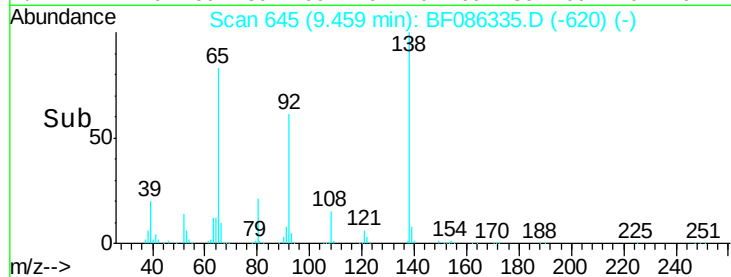
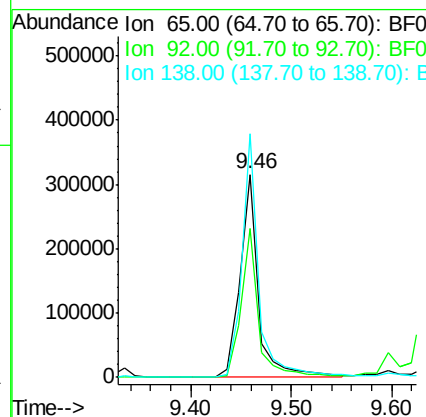
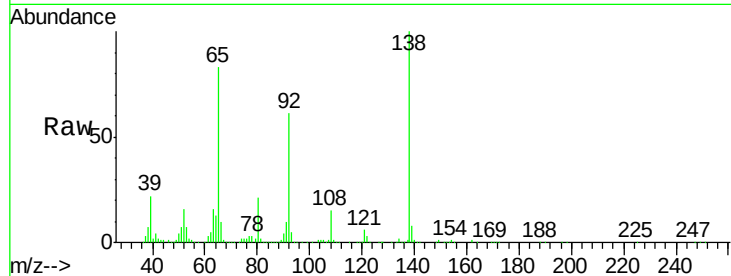
#47
2-Nitroaniline
Concen: 63.09 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
LCF-B2MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.0	51.9	77.9
138	119.8	72.6	108.8

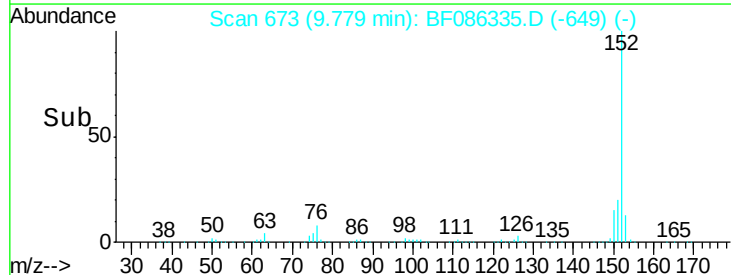
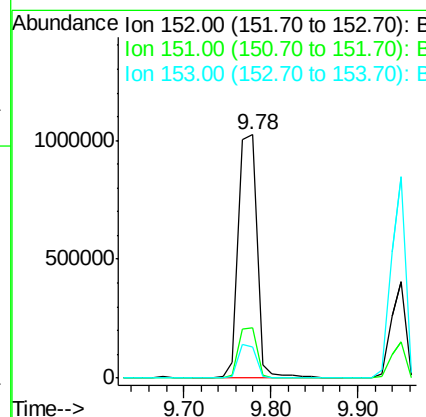
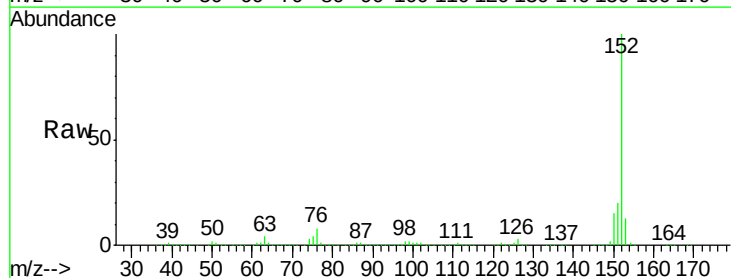
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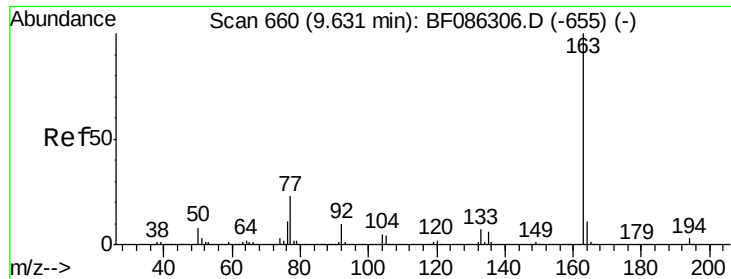
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#48
Acenaphthylene
Concen: 52.31 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.2	25.8
153	13.0	10.7	16.1





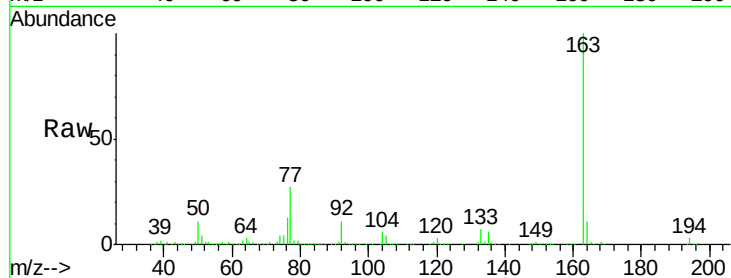
#49
Dimethylphthalate
Concen: 62.19 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
LCF-B2MS

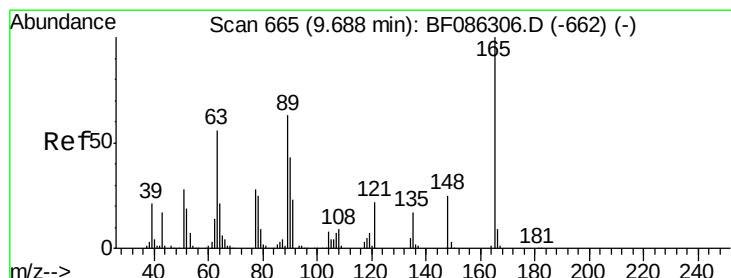
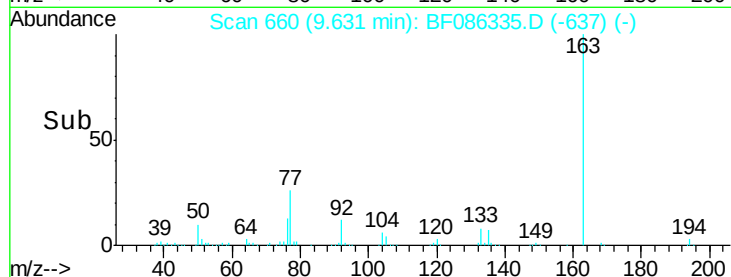
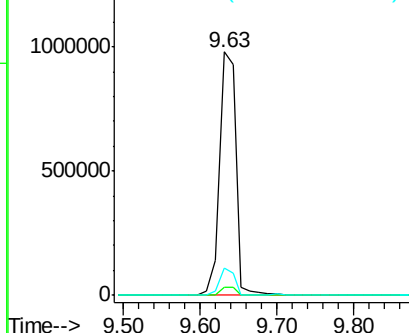
Tot Ion:163 Resp: 1477868
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 11.1 8.4 12.6

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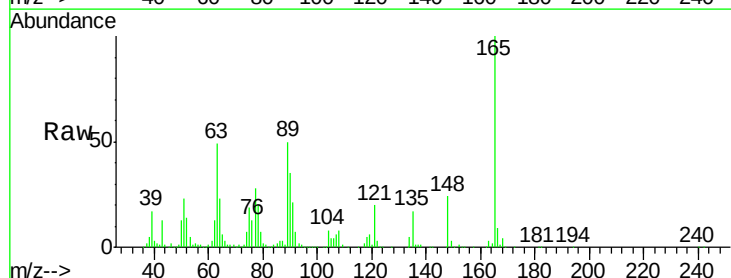


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

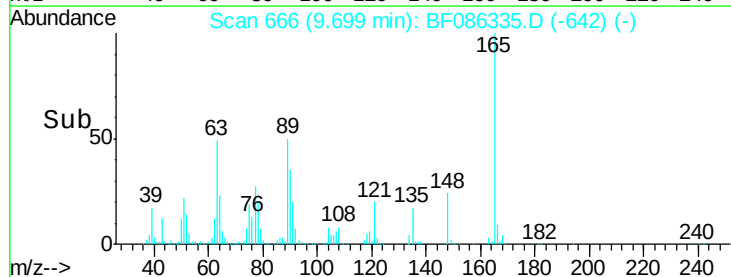
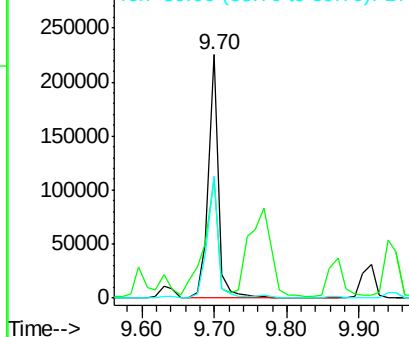


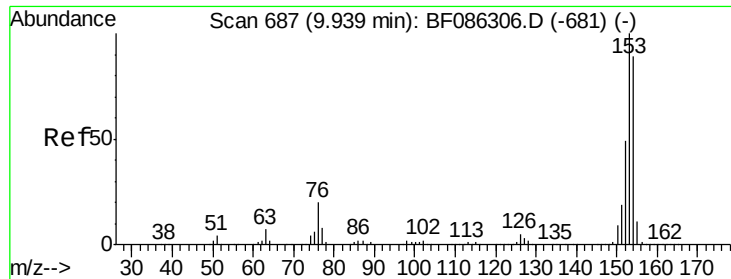
#50
2,6-Dinitrotoluene
Concen: 44.72 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Tgt Ion:165 Resp: 218674
Ion Ratio Lower Upper
165 100
63 49.1 35.1 52.7
89 50.3 39.8 59.6



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: 52.17 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

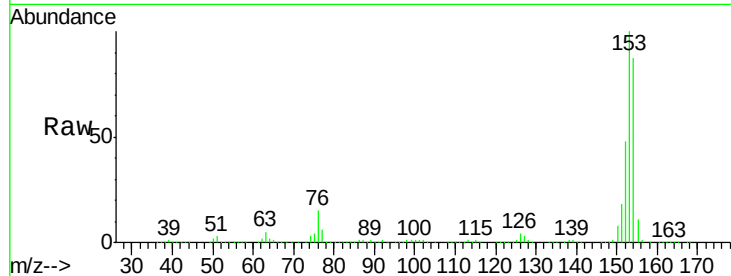
ClientSampled :

LCF-B2MS

Tot Ion:	154	Resp:	887720
Ion Ratio	Lower	Upper	
154	100		
153	115.6	90.0	135.0
152	55.7	44.3	66.5

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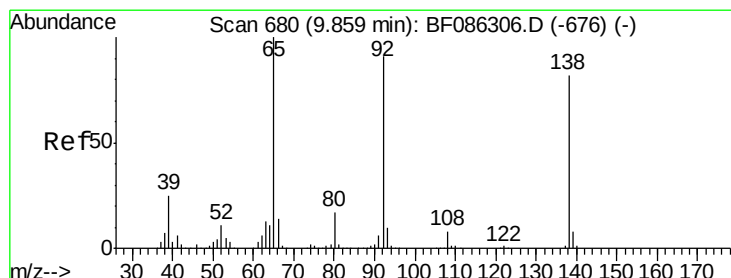
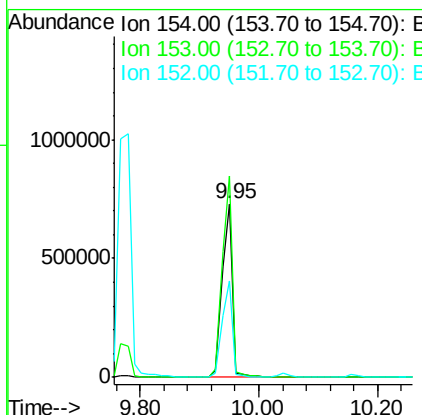
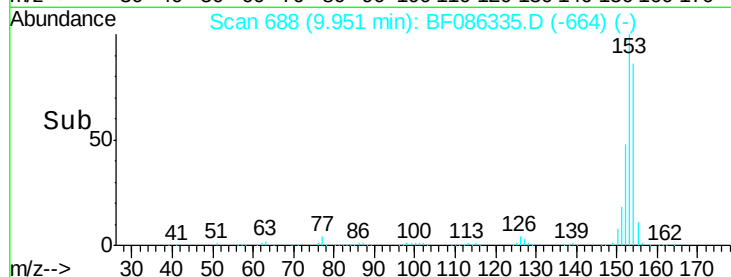
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 54.76 ng

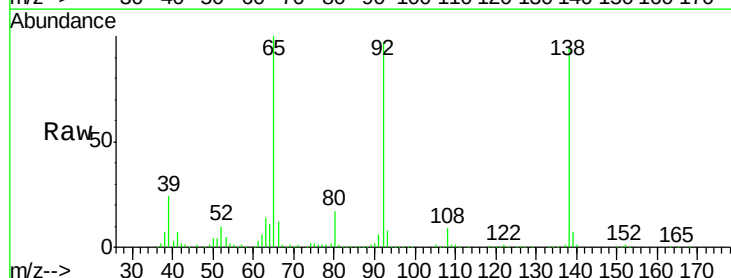
RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

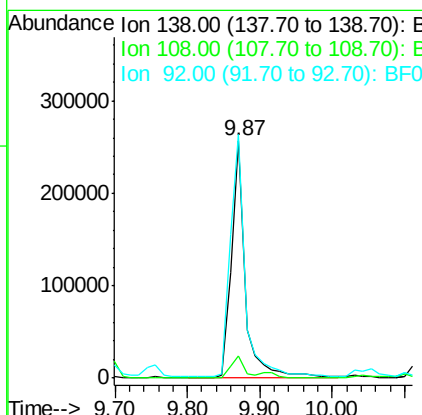
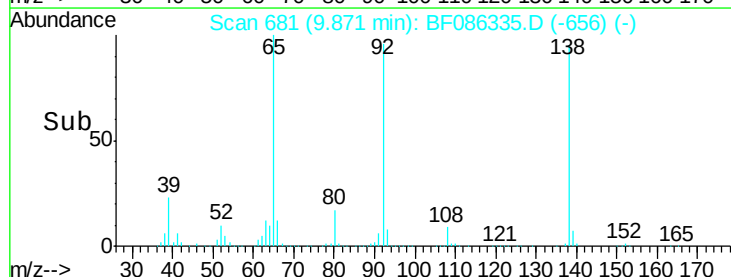
Tgt Ion:	138	Resp:	340487
Ion Ratio	Lower	Upper	
138	100		
108	9.5	9.0	13.4
92	102.5	99.3	148.9

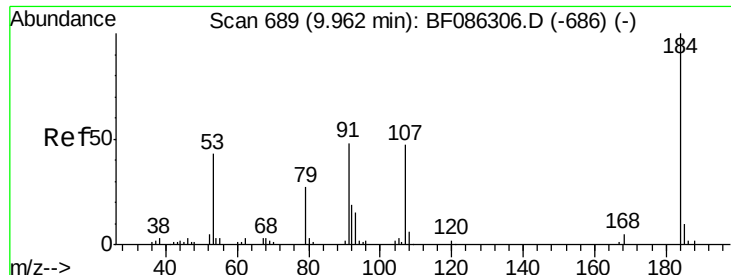


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





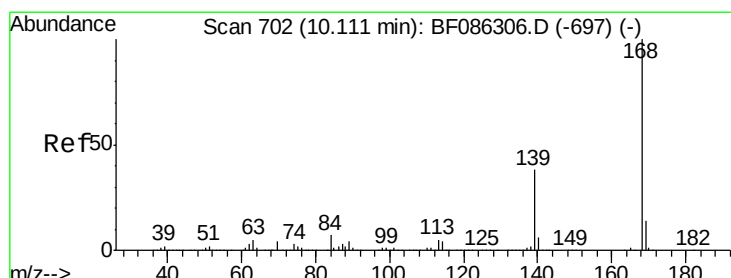
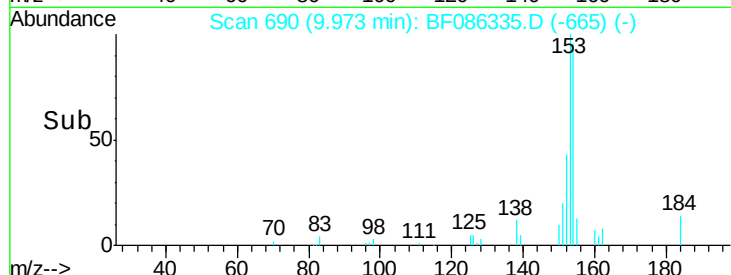
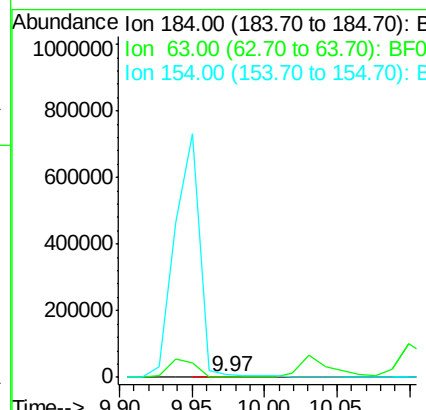
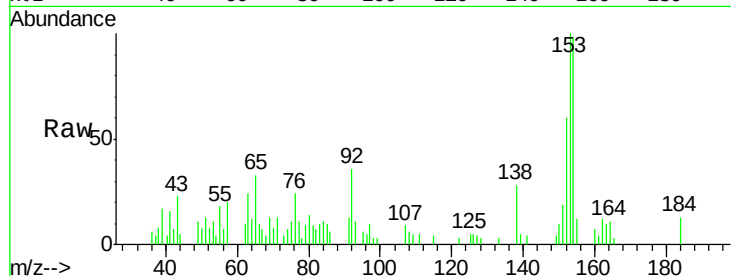
#53
 2,4-Dinitrophenol
 Concen: 9.37 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	179.3	64.7	97.1#	
154	724.1	59.4	89.2#	

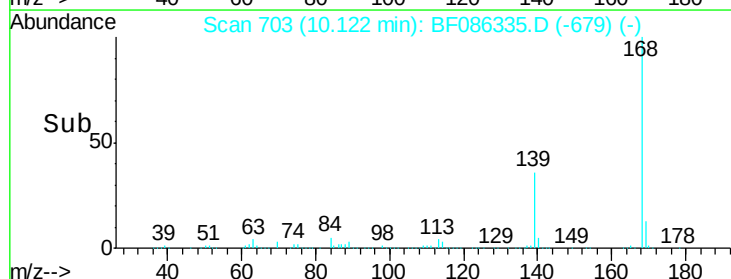
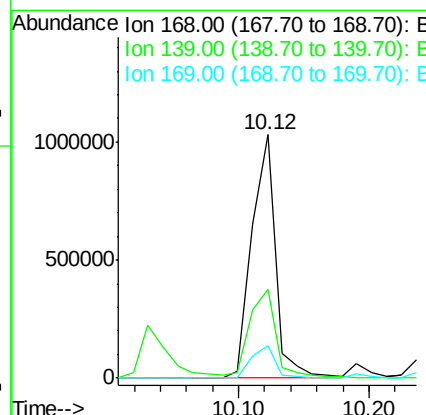
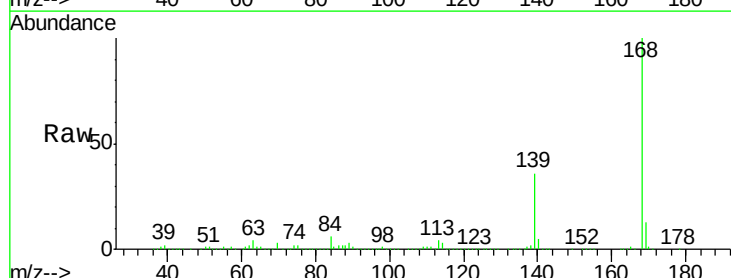
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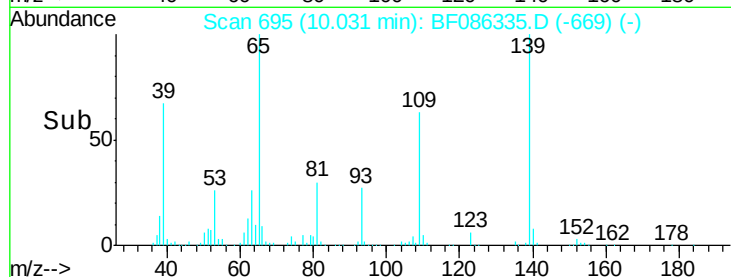
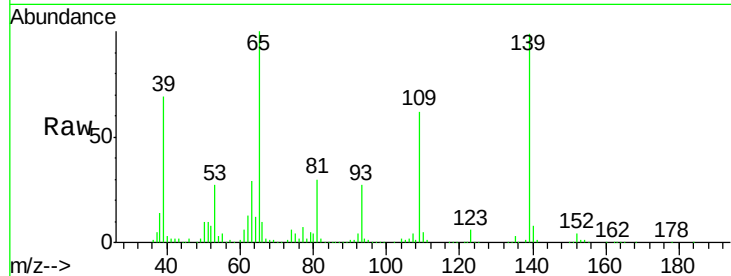
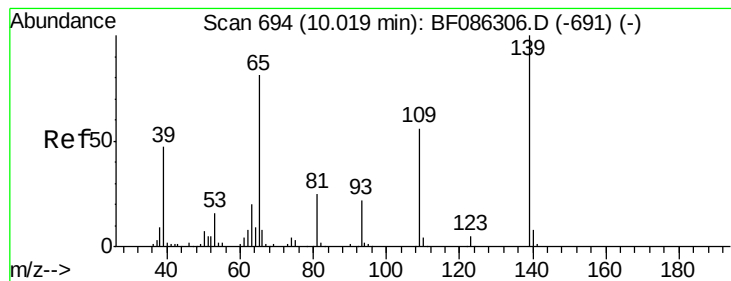
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#54
 Dibenzofuran
 Concen: 56.67 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	36.3	29.5	44.3	
169	13.2	10.6	16.0	





#55

4-Nitrophenol

Concen: 87.36 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Tot Ion:	139	Resp:	336841
Ion Ratio	Lower	Upper	
139	100		
109	62.7	55.0	95.0
65	100.5	87.3	127.3

Instrument :

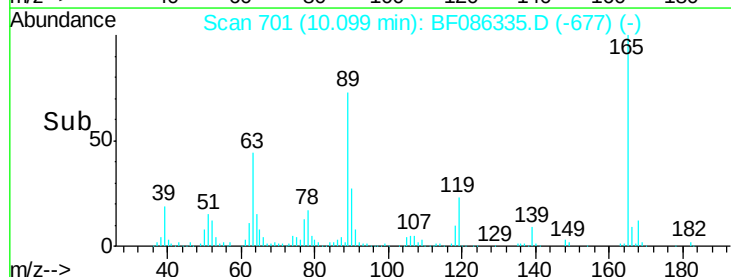
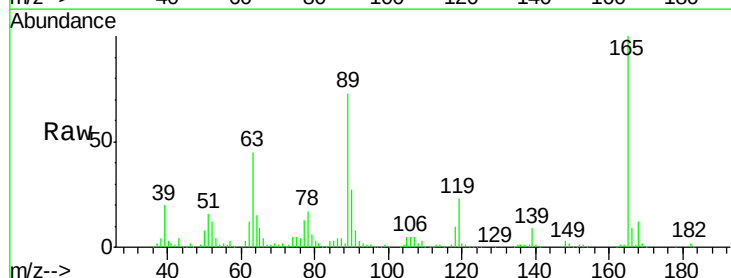
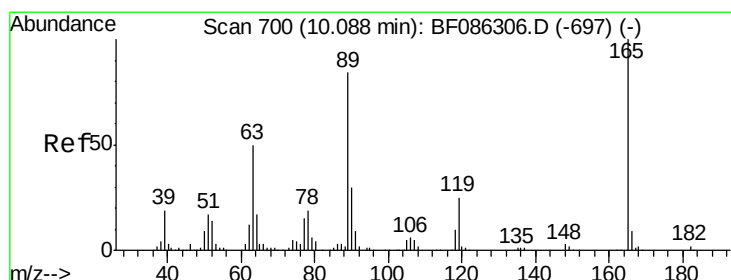
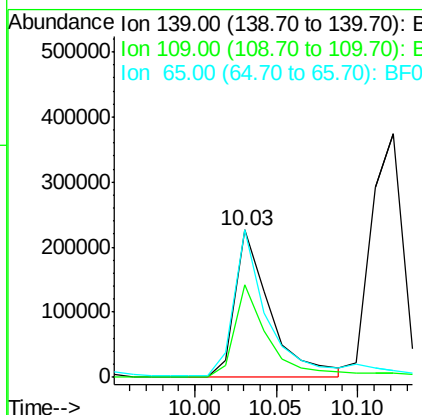
BNA_F

ClientSampleId :

LCF-B2MS

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#56

2,4-Dinitrotoluene

Concen: 38.20 ng

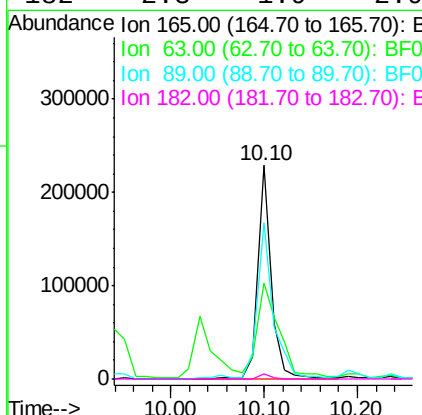
RT: 10.10 min Scan# 701

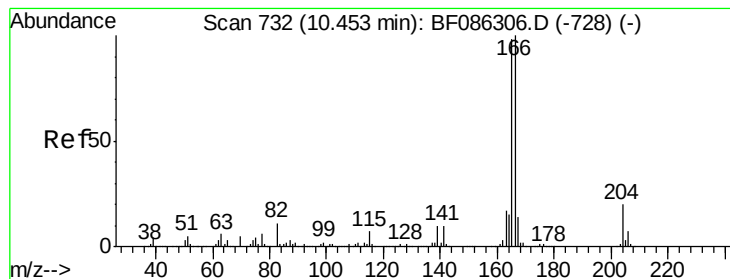
Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Tgt Ion:	165	Resp:	232122
Ion Ratio	Lower	Upper	
165	100		
63	44.7	26.6	40.0#
89	73.1	49.5	74.3
182	2.3	1.9	2.9





#57

Fluorene

Concen: 50.52 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

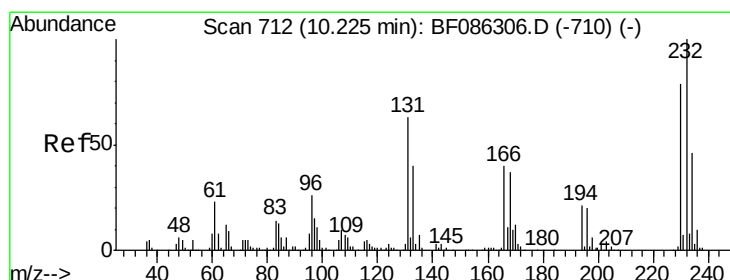
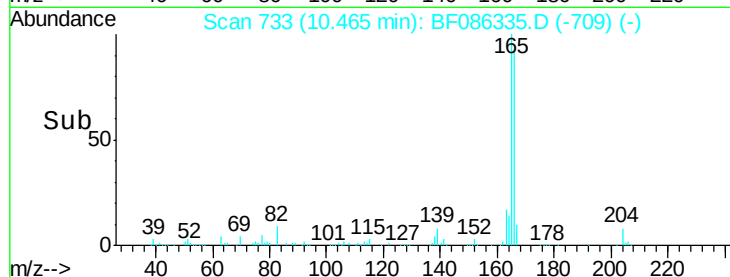
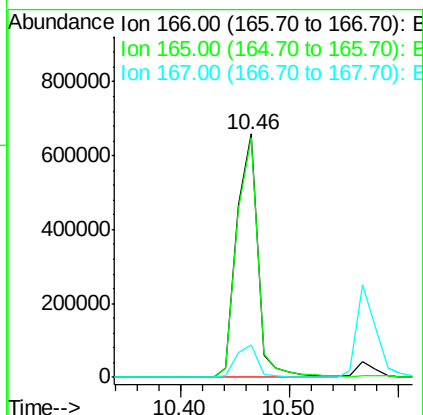
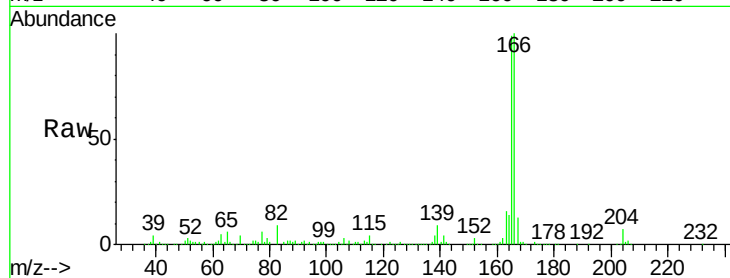
ClientSampleId :

LCF-B2MS

Tot Ion:	166	Resp:	866072
Ion Ratio		Lower	Upper
166	100		
165	98.7	78.6	117.8
167	13.1	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 57.09 ng

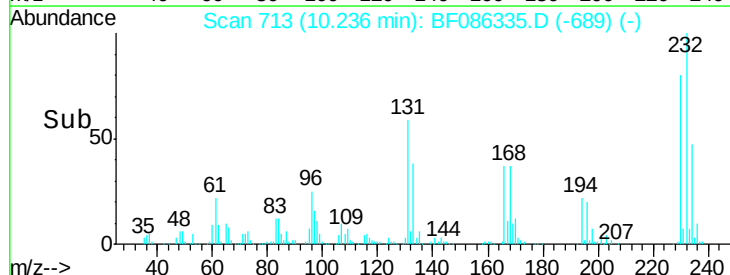
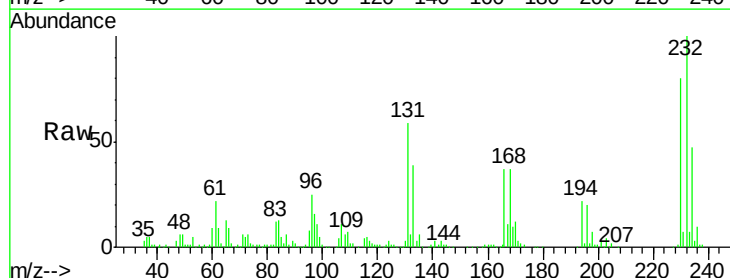
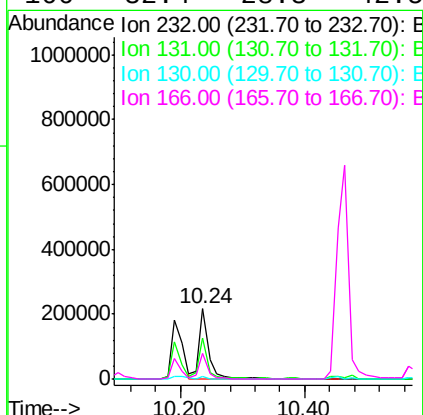
RT: 10.24 min Scan# 713

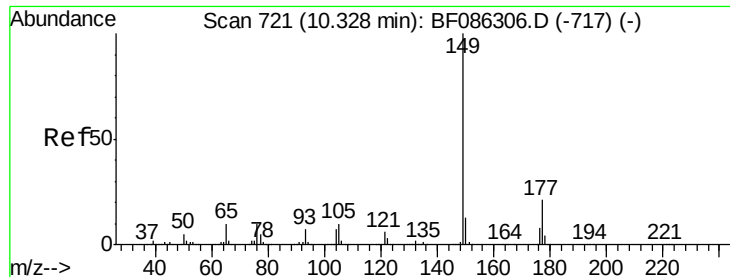
Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Tgt Ion:	232	Resp:	240447
Ion Ratio		Lower	Upper
232	100		
131	52.4	46.6	70.0
130	0.0	2.5	3.7#
166	32.4	28.3	42.5





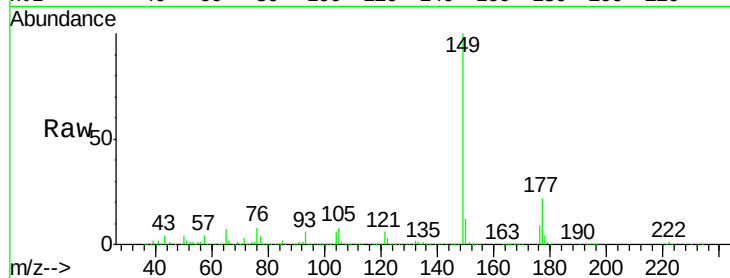
#59
Diethylphthalate
Concen: 52.84 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Instrument :
BNA_F
ClientSampled :
LCF-B2MS

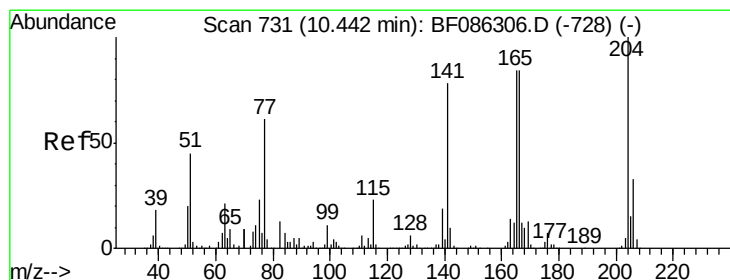
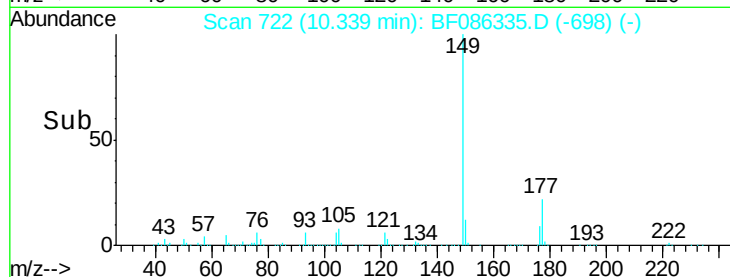
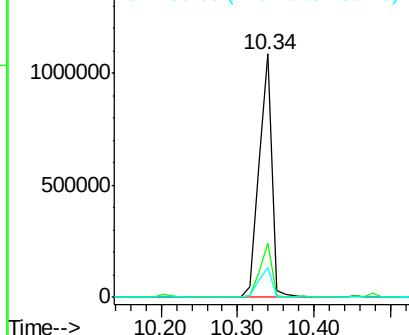
Tot Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.0	25.6
150	12.4	10.2	15.4

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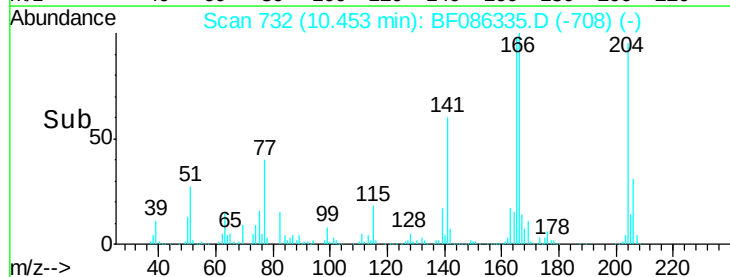
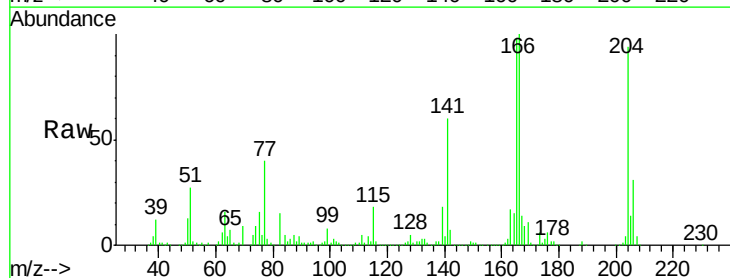
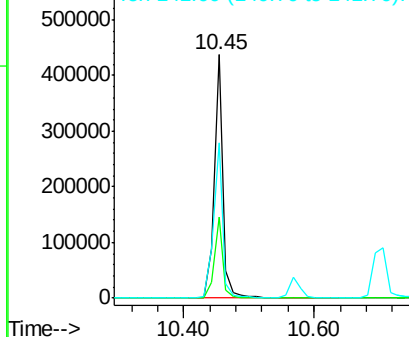
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

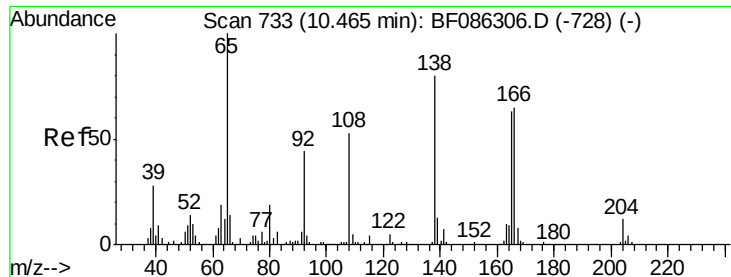


#60
4-Chlorophenyl-phenylether
Concen: 52.15 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	63.8	55.4	83.0

Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 55.70 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

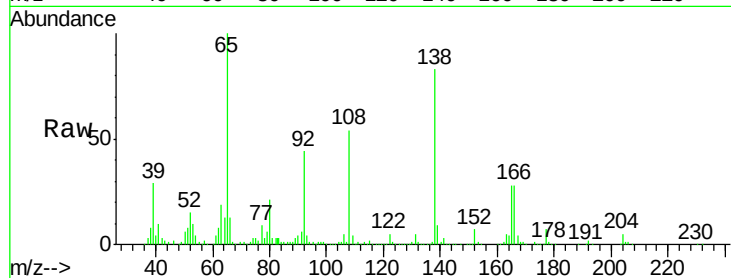
ClientSampled :

LCF-B2MS

Tot Ion:	138	Resp:	324229
Ion Ratio	Lower	Upper	
138	100		
92	53.1	31.9	71.9
108	65.6	58.7	98.7

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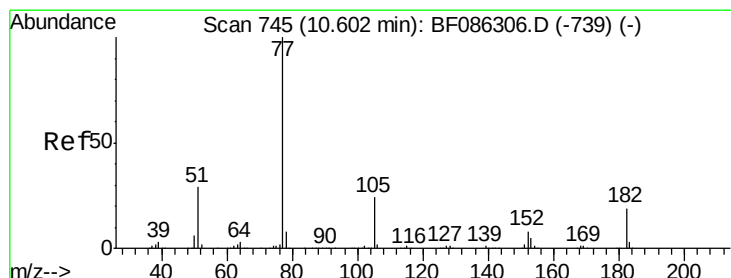
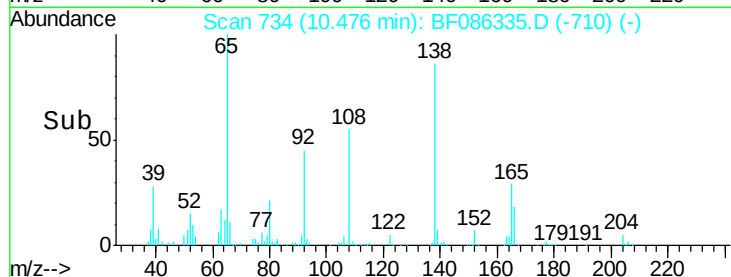
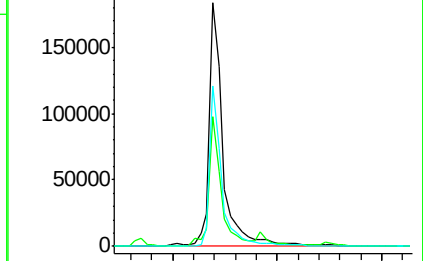
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.39 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

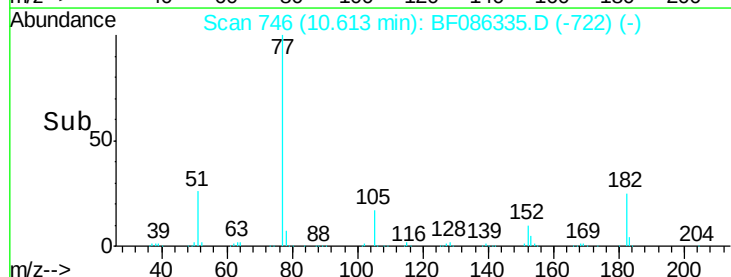
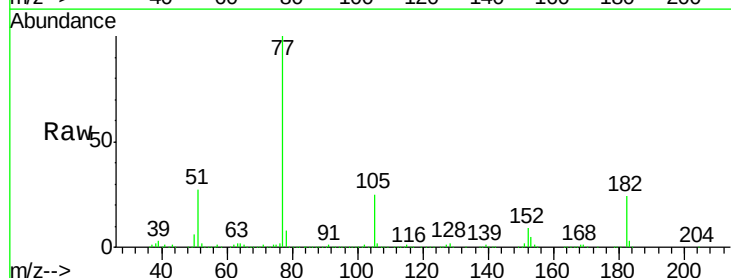
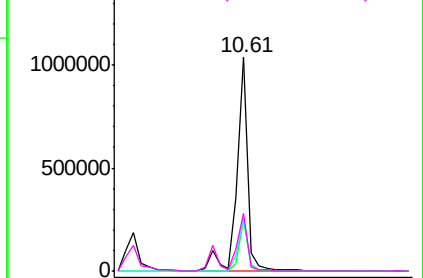
Tgt Ion:	77	Resp:	1151692
Ion Ratio	Lower	Upper	
77	100		
182	24.1	2.3	42.3
105	24.8	3.4	43.4
51	27.1	11.7	51.7

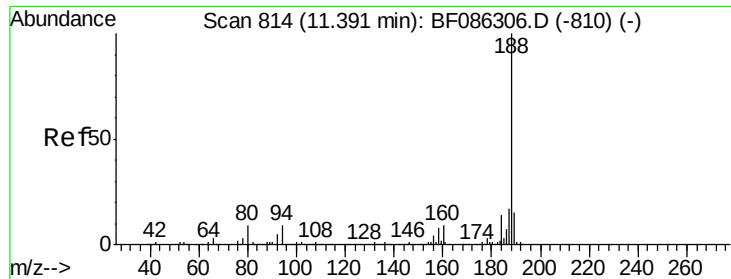
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

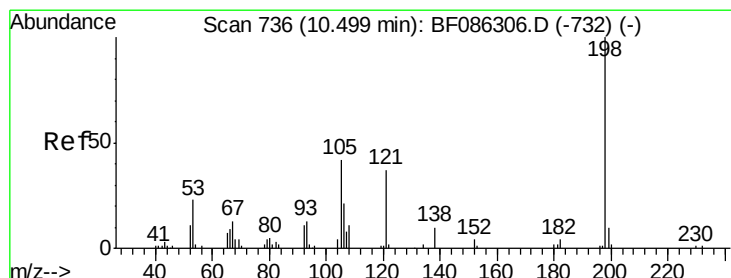
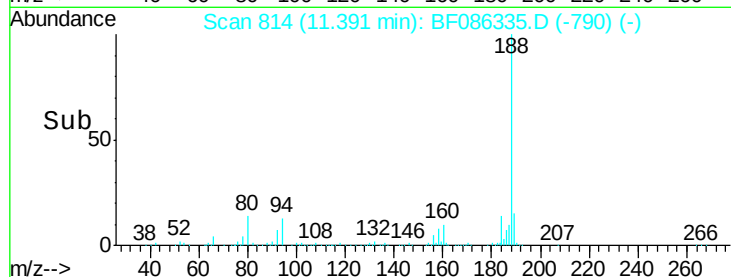
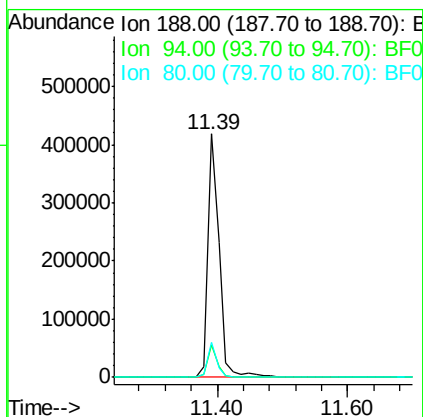
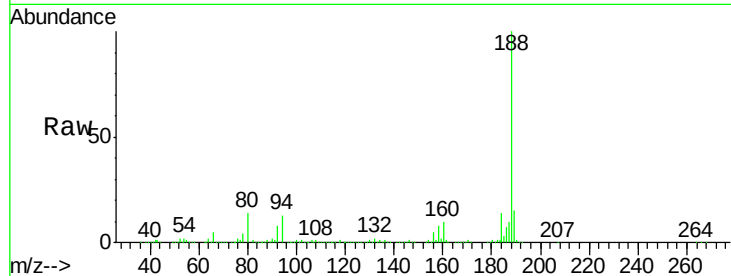
ClientSampled :

LCF-B2MS

Tot Ion:	188	Resp:	501238
Ion Ratio	Lower	Upper	
188	100		
94	13.1	9.8	14.8
80	14.2	10.5	15.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 8.43 ng

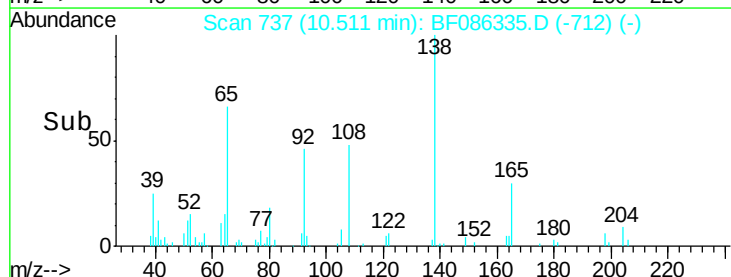
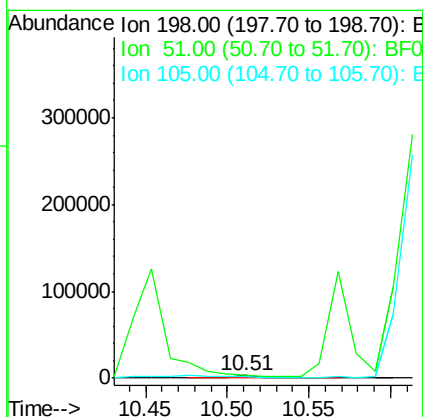
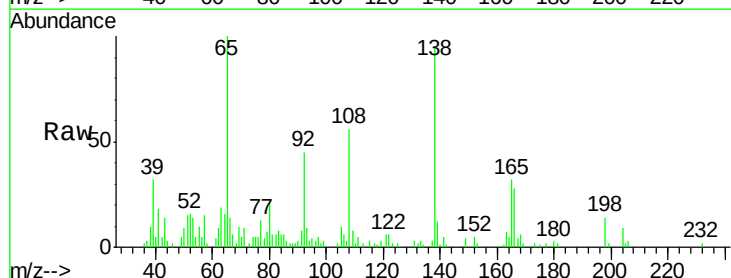
RT: 10.51 min Scan# 737

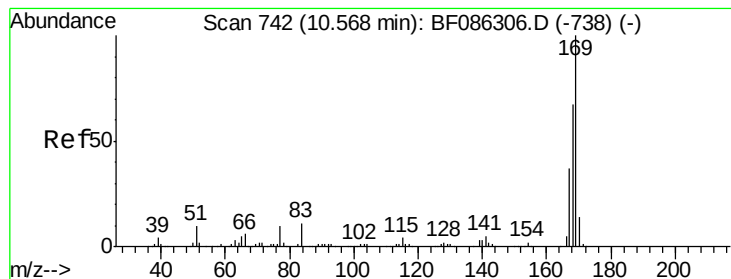
Delta R.T. -0.01 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Tgt Ion:	198	Resp:	4271
Ion Ratio	Lower	Upper	
198	100		
51	110.3	56.5	96.5#
105	69.2	48.0	88.0





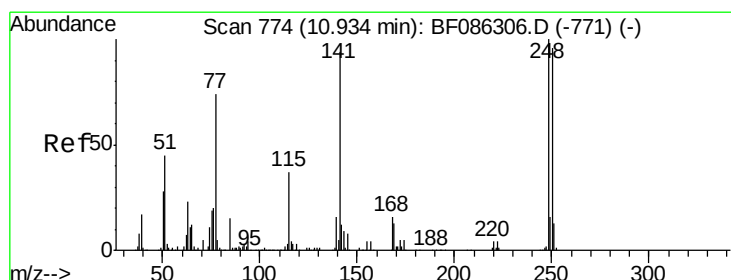
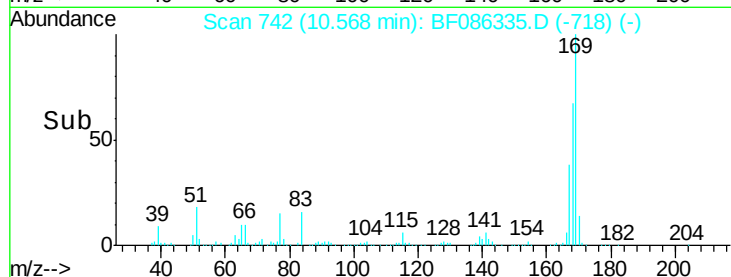
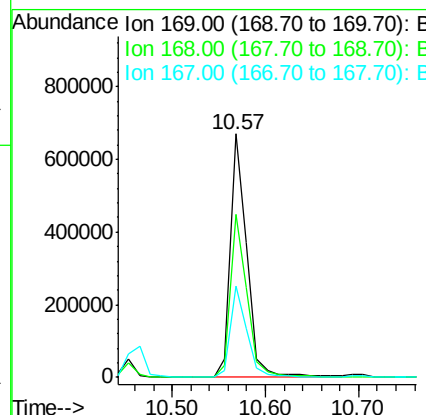
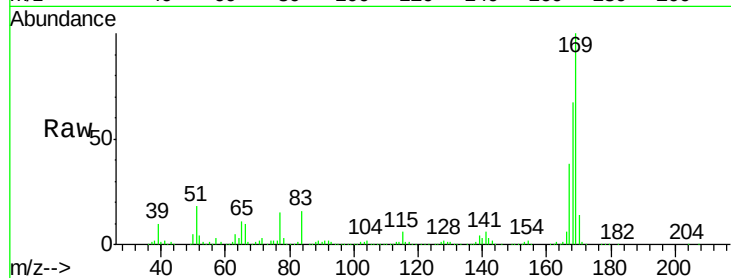
#65
 n-Nitrosodiphenylamine
 Concen: 49.84 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.02 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	823132		
168	67.0		54.3	81.5
167	37.6		30.2	45.2

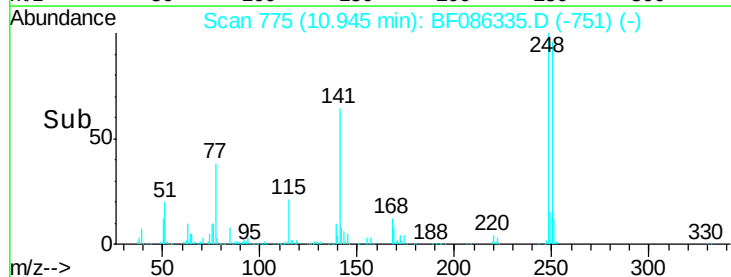
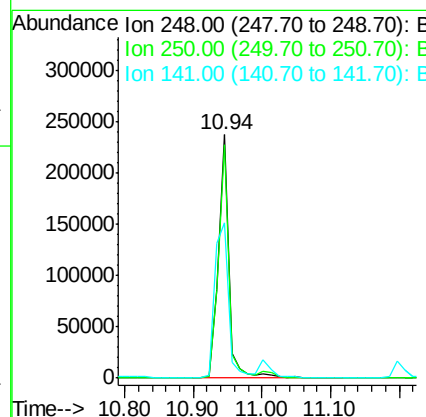
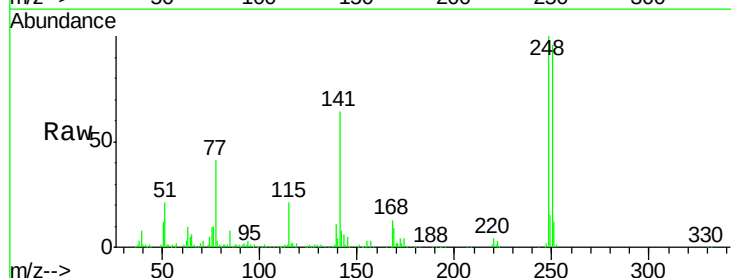
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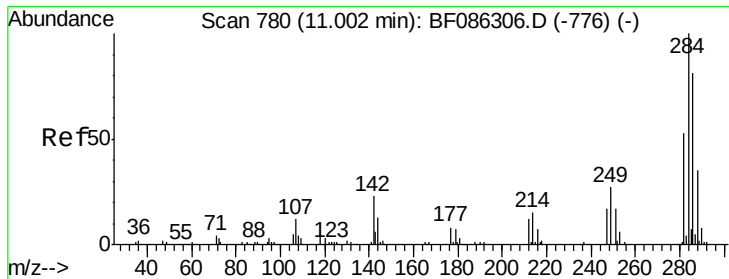
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#66
 4-Bromophenyl-phenylether
 Concen: 48.28 ng
 RT: 10.94 min Scan# 775
 Delta R.T. -0.02 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	260037		
250	96.1		78.6	118.0
141	63.8		57.9	86.9





#67

Hexachlorobenzene

Concen: 46.87 ng

RT: 11.01 min Scan# 781

Delta R.T. -0.01 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

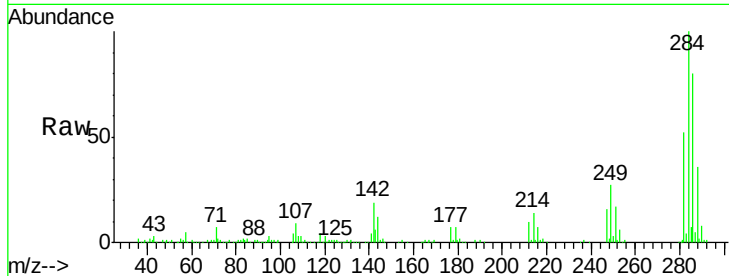
ClientSampleId :

LCF-B2MS

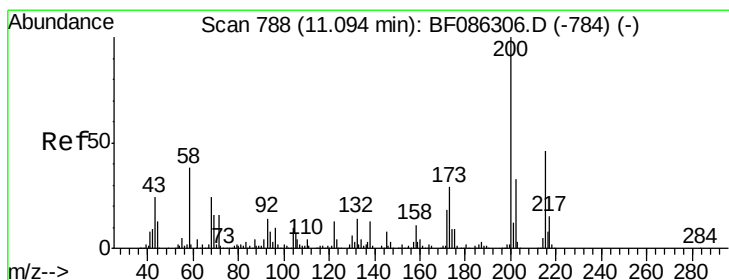
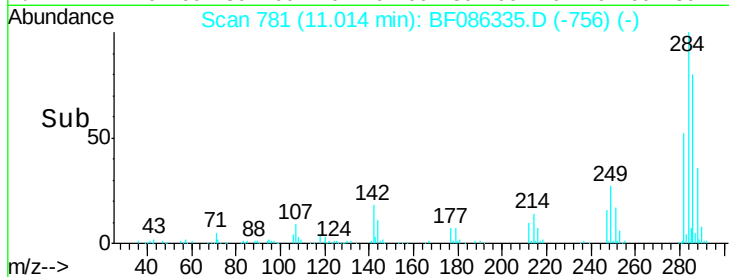
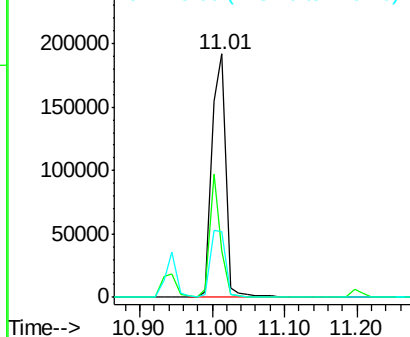
Tot Ion:	284	Resp:	253350
Ion Ratio	Lower	Upper	
284	100		
142	19.0	42.6	64.0#
249	27.2	25.9	38.9

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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: 37.59 ng

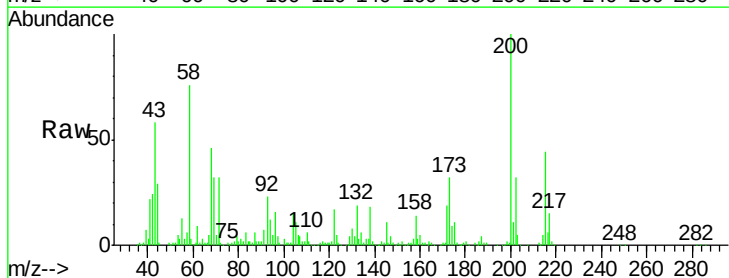
RT: 11.09 min Scan# 788

Delta R.T. -0.02 min

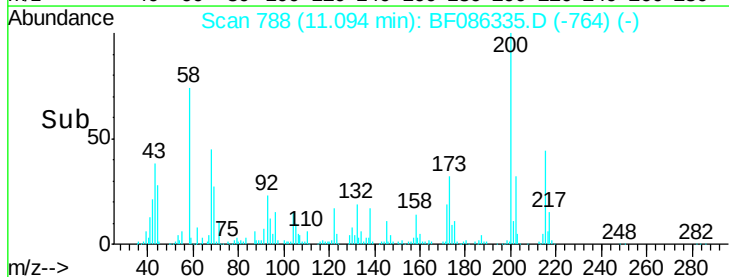
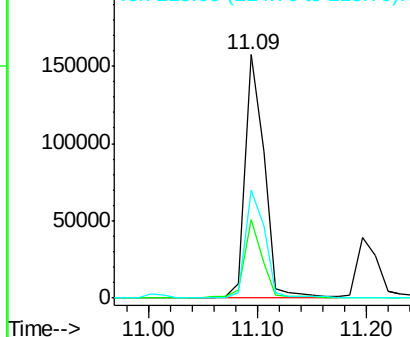
Lab File: BF086335.D

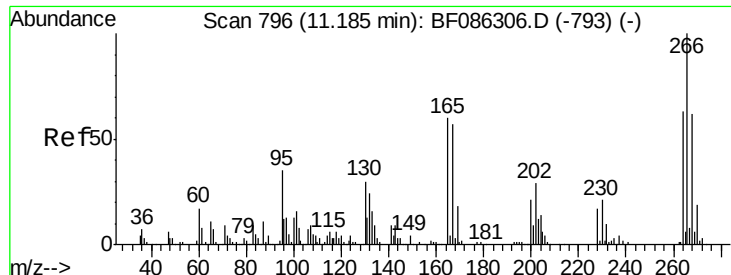
Acq: 21 Apr 2016 3:52

Tgt Ion:	200	Resp:	190778
Ion Ratio	Lower	Upper	
200	100		
173	32.1	11.2	51.2
215	44.2	24.0	64.0



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





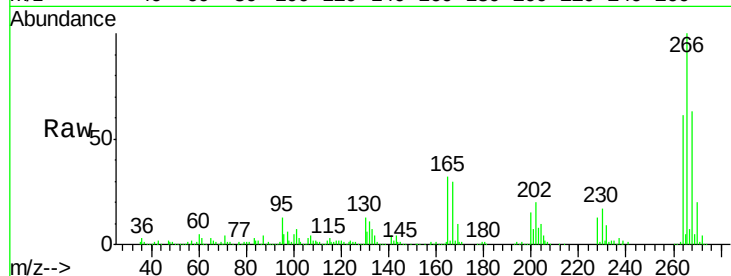
#69
 Pentachlorophenol
 Concen: 96.88 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2MS

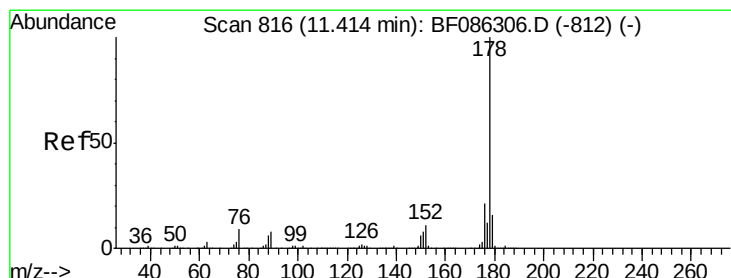
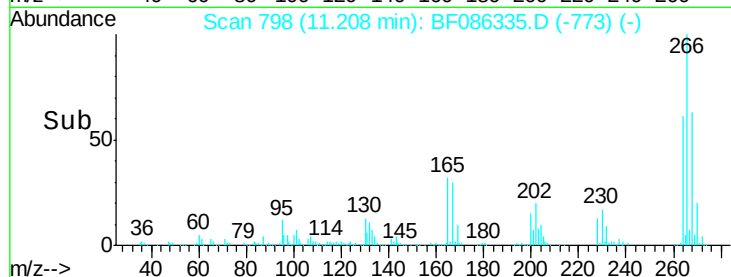
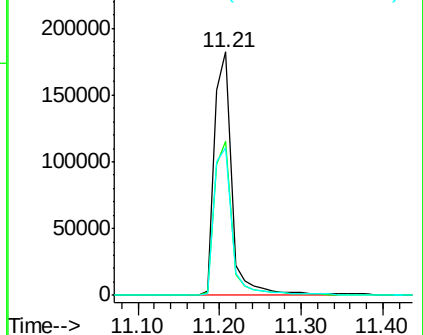
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	53.0	79.4
264	60.5	51.3	76.9

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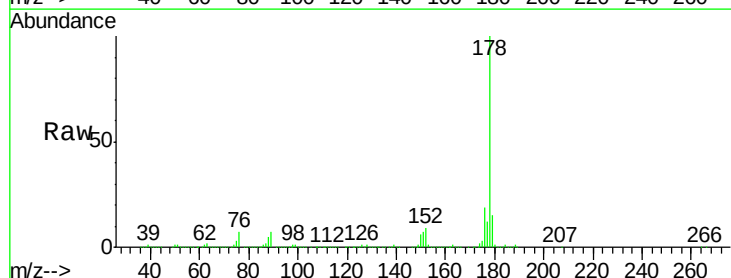


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

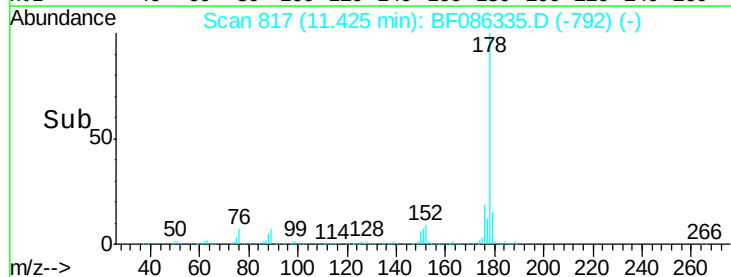
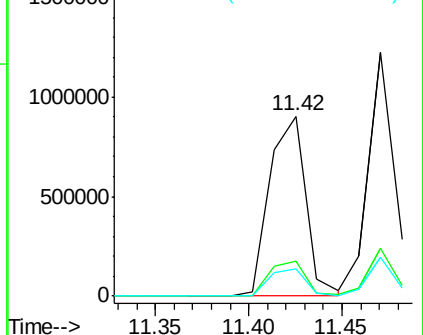


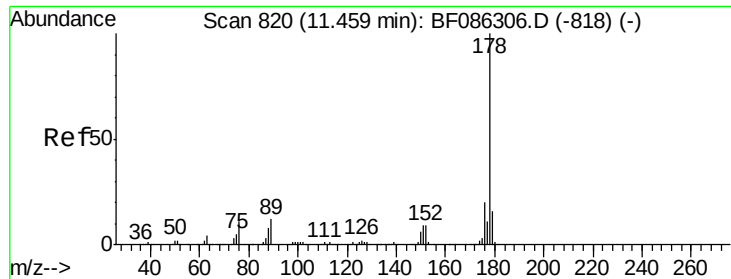
#70
 Phenanthrene
 Concen: 51.15 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.3	24.5
179	15.0	13.0	19.6



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





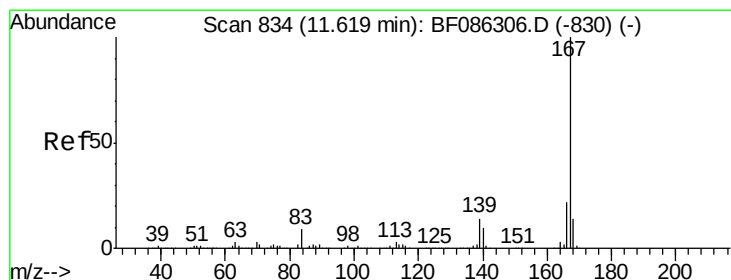
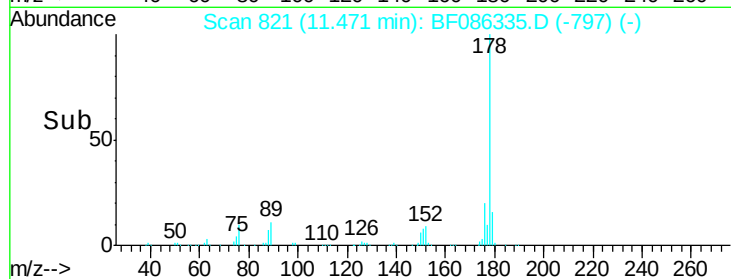
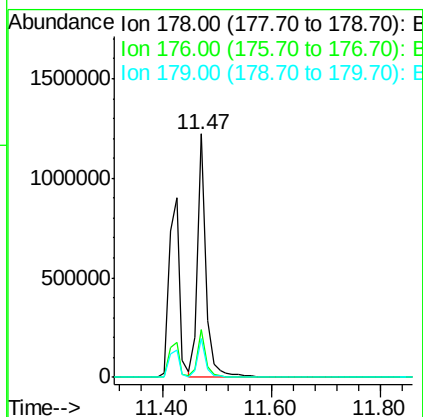
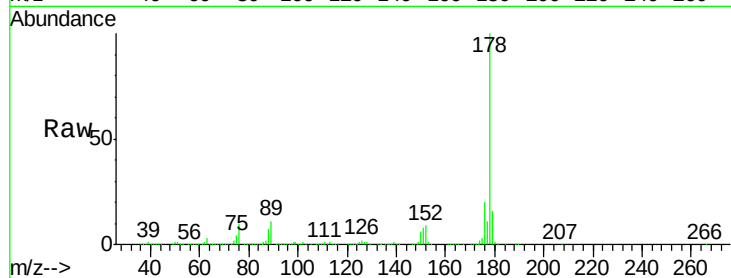
#71
 Anthracene
 Concen: 50.74 ng
 RT: 11.47 min Scan# 821
 Delta R.T. -0.02 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.9	13.2	19.8

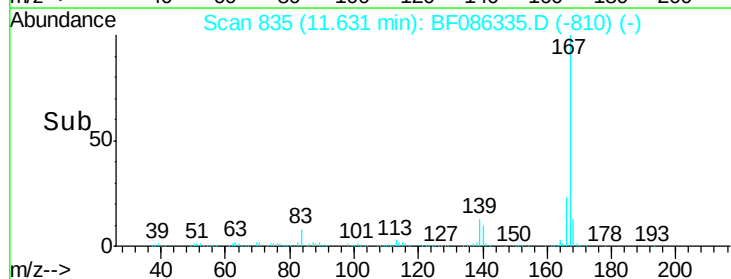
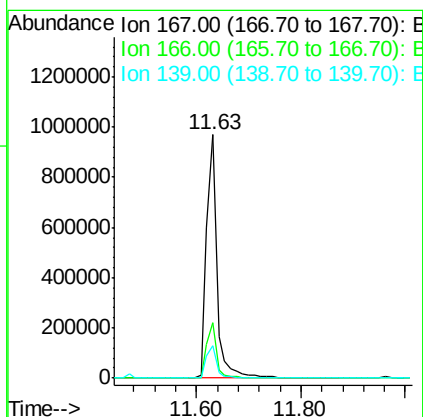
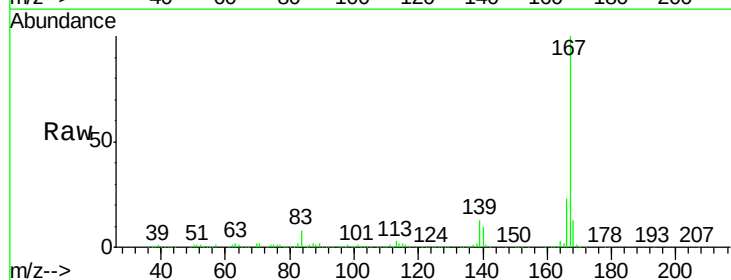
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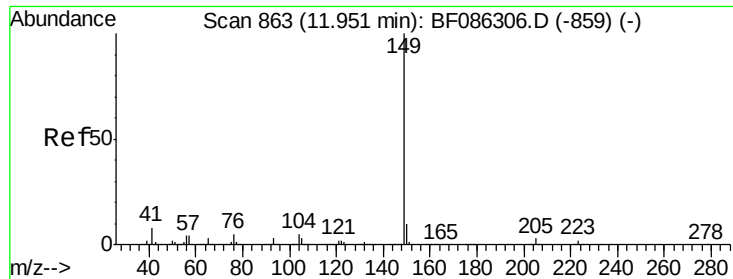
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#72
 Carbazole
 Concen: 55.74 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.3	27.5
139	13.3	12.3	18.5





#73

Di-n-butylphthalate

Concen: 52.78 ng

RT: 11.96 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

LCF-B2MS

Tot Ion:149 Resp: 1635700

Ion Ratio Lower Upper

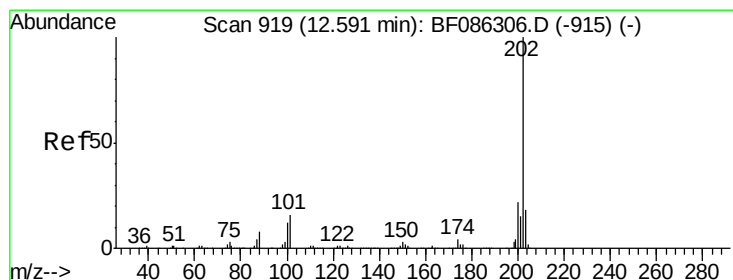
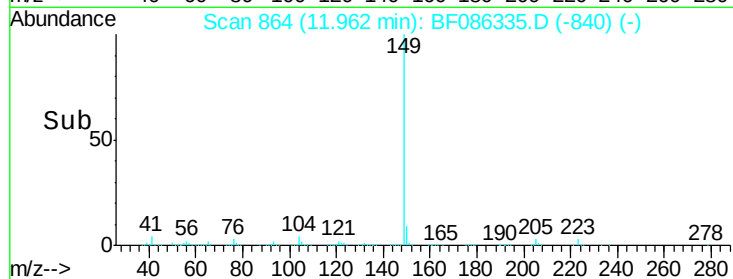
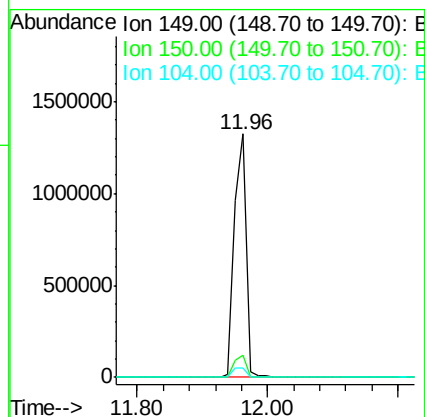
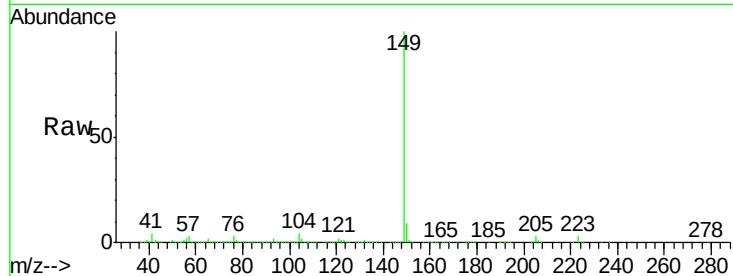
149 100

150 9.3 7.8 11.8

104 3.8 4.1 6.1#

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#74

Fluoranthene

Concen: 54.55 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

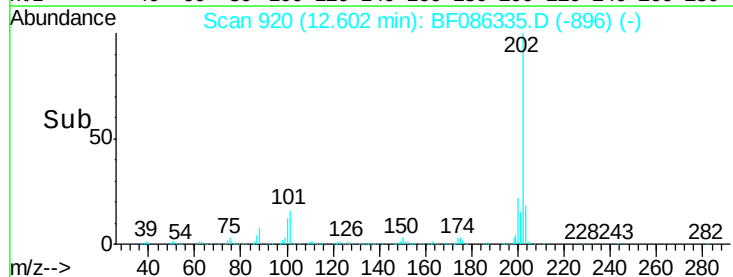
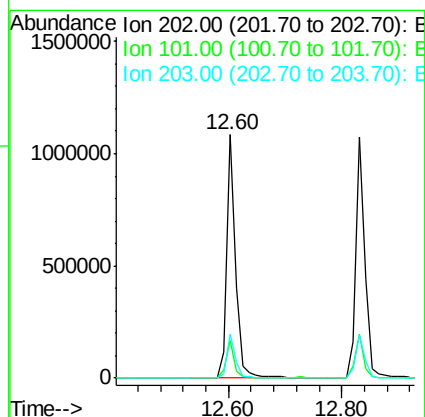
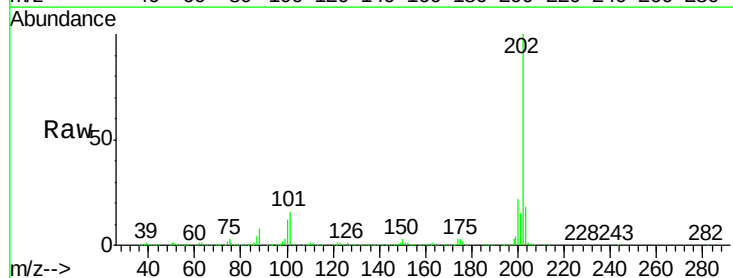
Tgt Ion:202 Resp: 1201310

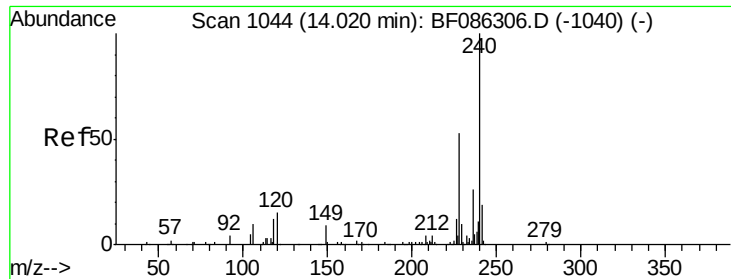
Ion Ratio Lower Upper

202 100

101 15.6 0.0 35.2

203 18.0 0.0 38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

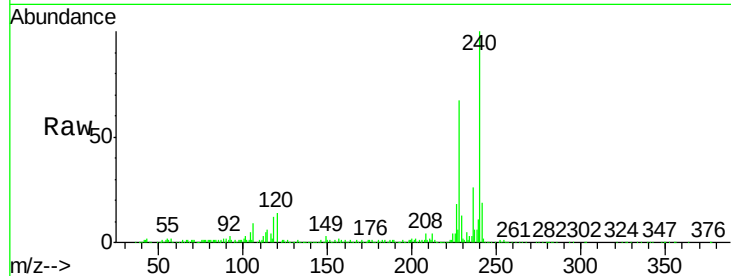
ClientSampled :

LCF-B2MS

Tot Ion:	240	Resp:	344230
Ion Ratio		Lower	Upper
240	100		
120	14.0	9.3	13.9#
236	26.2	21.1	31.7

Manual Integrations
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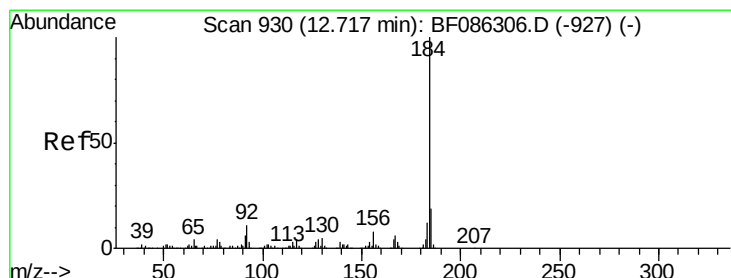
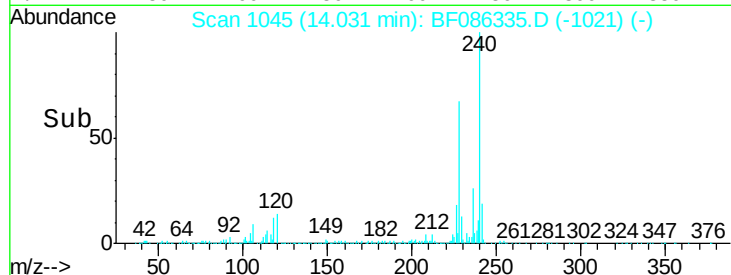
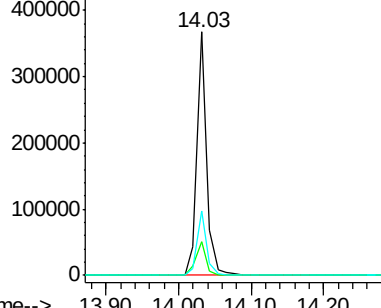
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 62.68 ng

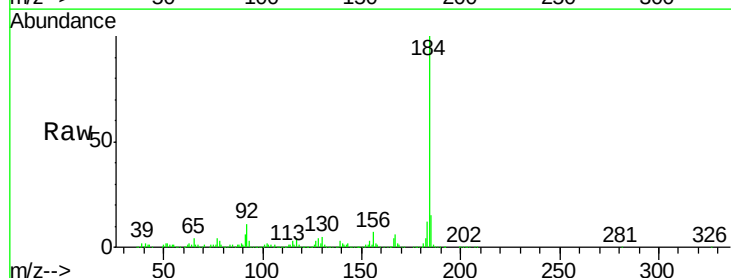
RT: 12.73 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

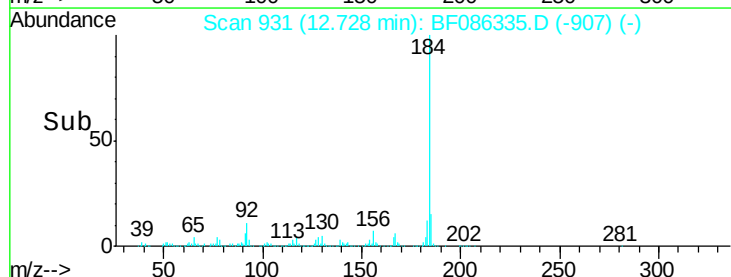
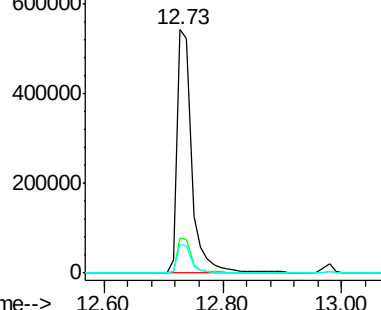
Tgt Ion:	184	Resp:	952529
Ion Ratio		Lower	Upper
184	100		
185	14.6	14.2	21.2
183	11.9	9.8	14.6

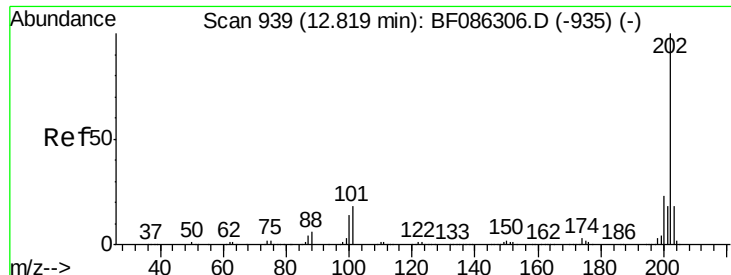


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





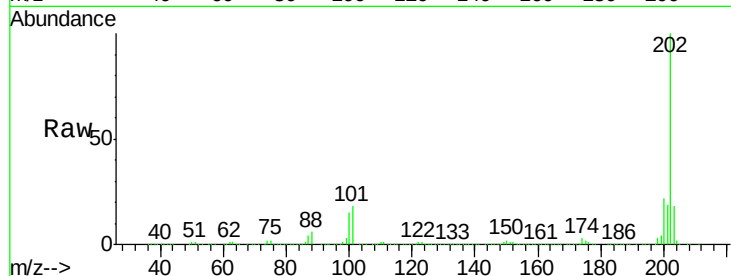
#77
Pvrene
Concen: 47.60 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
LCF-B2MS

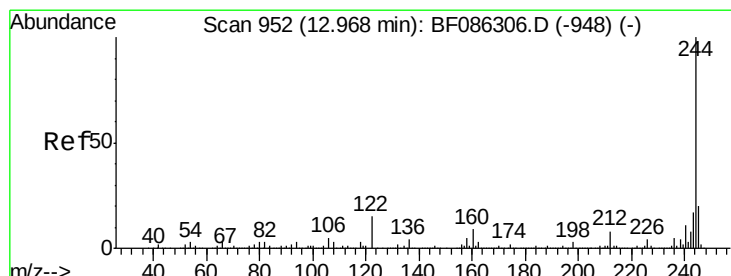
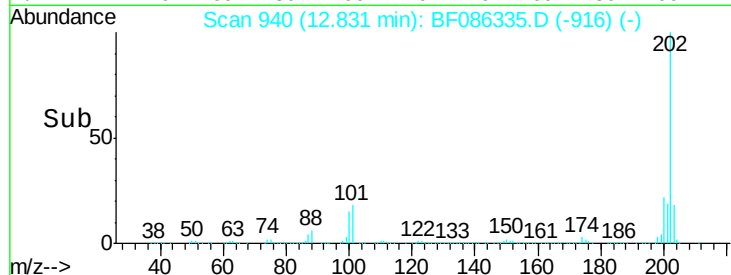
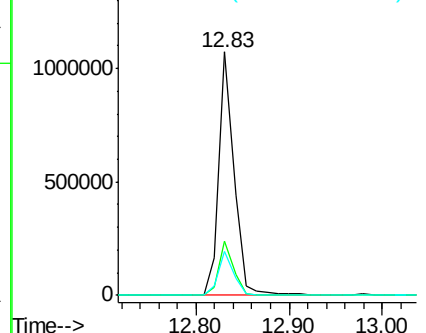
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.3	27.5
203	17.9	14.9	22.3

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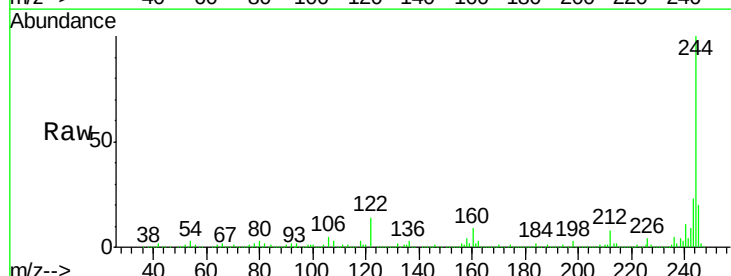


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

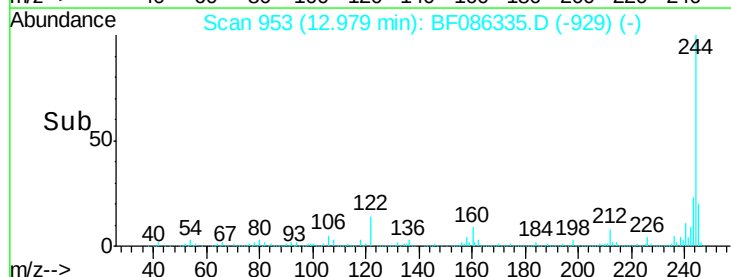
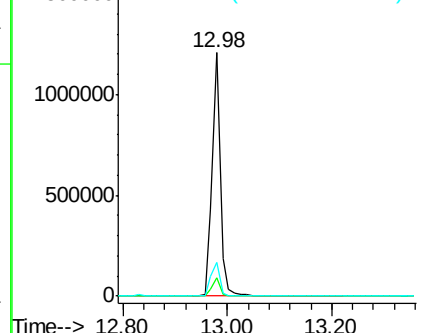


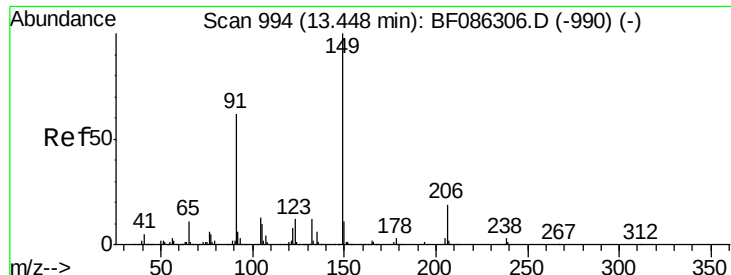
#78
Terphenyl-d14
Concen: 90.69 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	13.8	11.7	17.5



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





#79

Butylbenzylphthalate

Concen: 47.83 ng

RT: 13.45 min Scan# 994

Delta R.T. -0.03 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

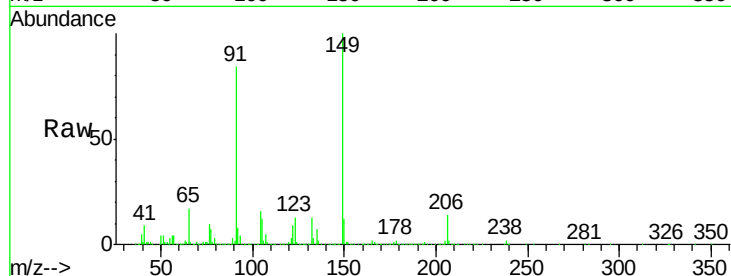
ClientSampleId :

LCF-B2MS

Tot Ion:	149	Resp:	644741
Ion Ratio	Lower	Upper	
149	100		
91	83.8	48.7	73.1#
206	14.5	15.7	23.5#

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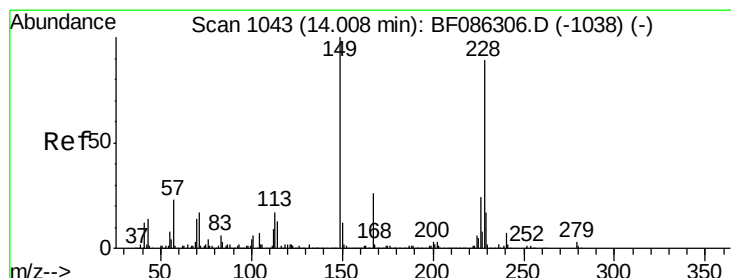
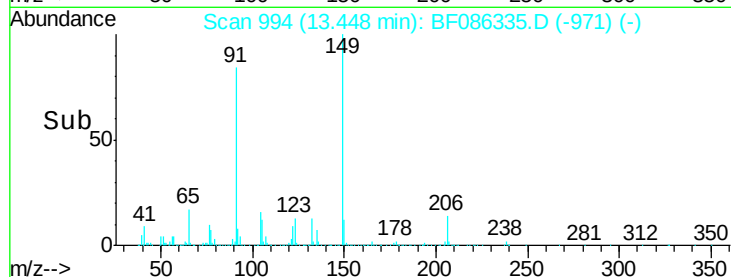
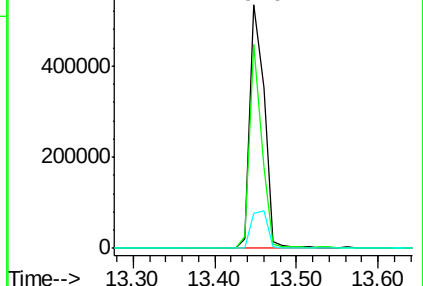
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.48 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.02 min

Lab File: BF086335.D

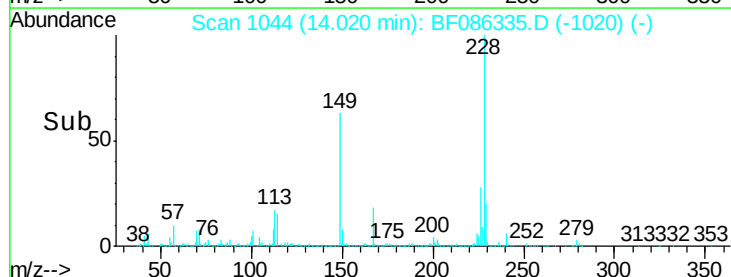
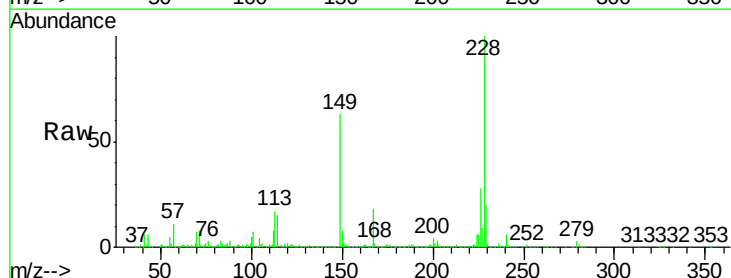
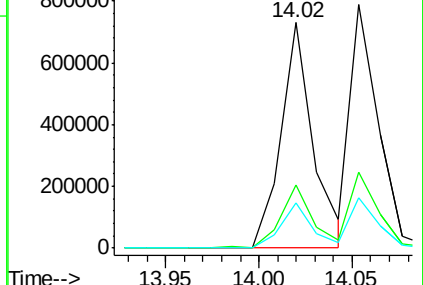
Acq: 21 Apr 2016 3:52

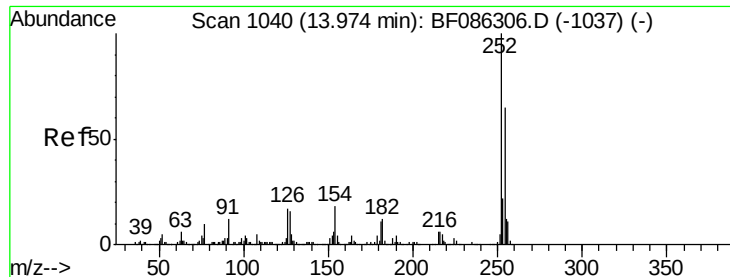
Tgt Ion:	228	Resp:	878997
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.5	33.7
229	20.0	16.2	24.2

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





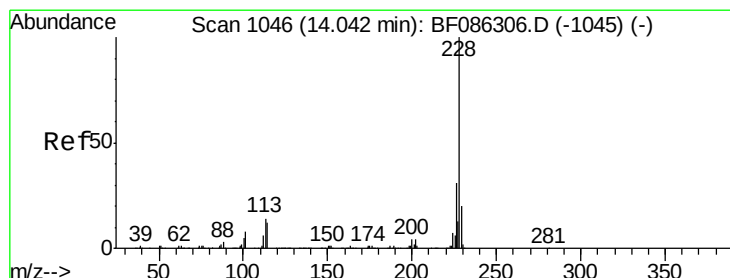
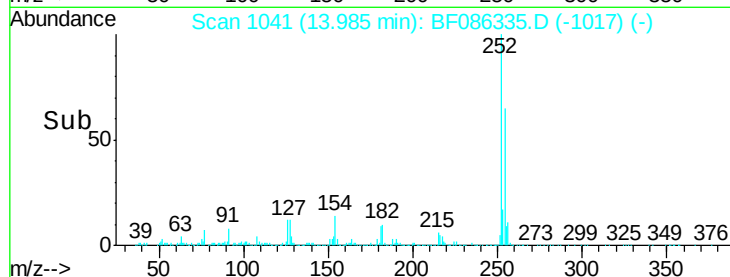
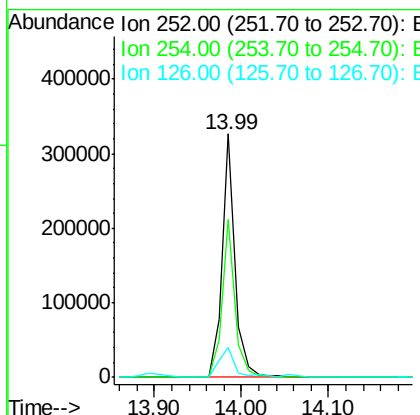
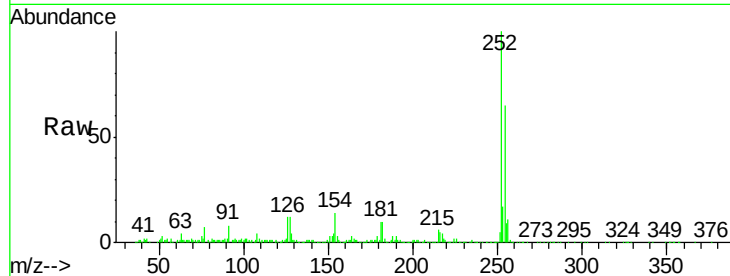
#81
 3,3'-Dichlorobenzidine
 Concen: 27.10 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.02 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	339894		
254	64.6	52.1	78.1	
126	12.4	13.2	19.8	

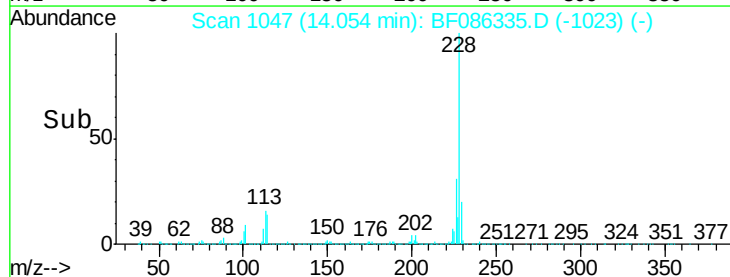
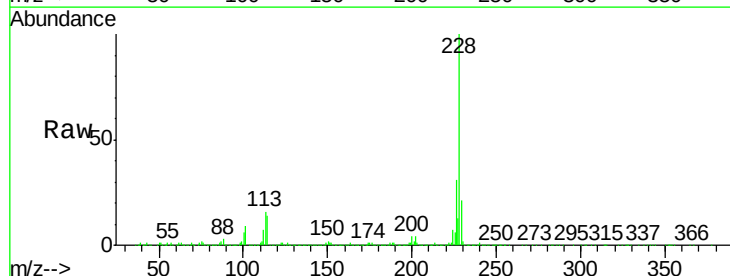
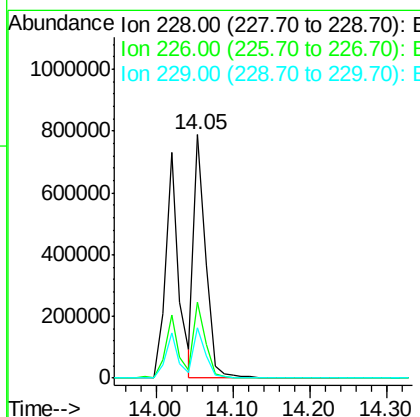
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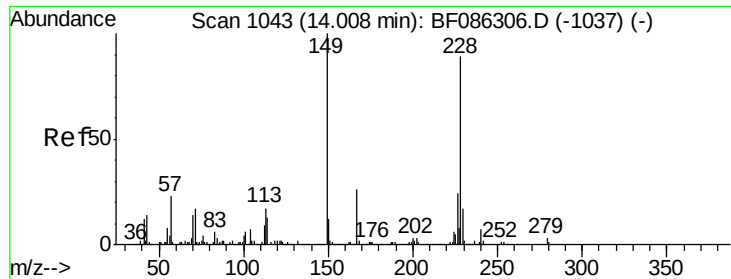
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#82
 Chrysene
 Concen: 43.23 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	847375		
226	31.1	25.4	38.2	
229	20.5	16.5	24.7	





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.94 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

Instrument :

BNA_F

ClientSampleId :

LCF-B2MS

Tot Ion:149 Resp: 819943

Ion Ratio Lower Upper

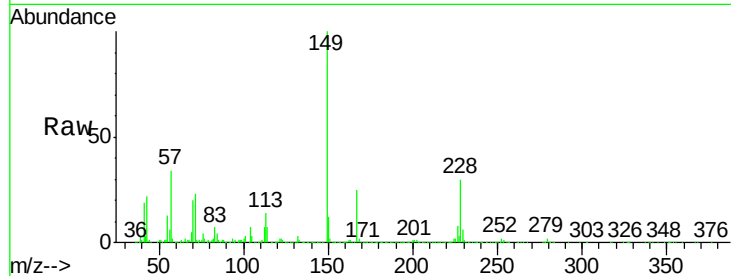
149 100

167 24.7 21.0 31.4

279 1.8 2.4 3.6#

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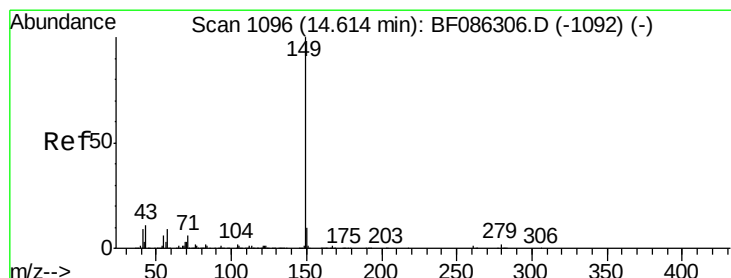
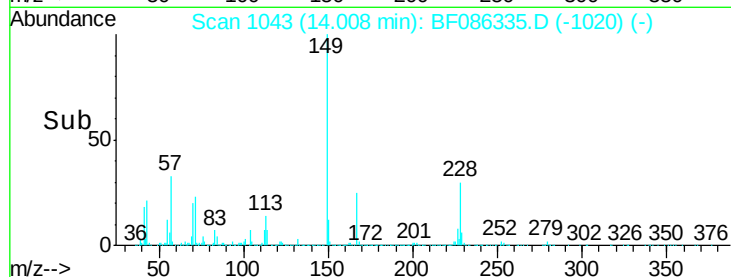
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.41 ng

RT: 14.63 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF086335.D

Acq: 21 Apr 2016 3:52

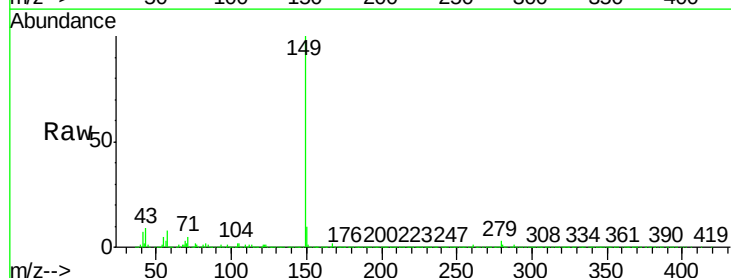
Tgt Ion:149 Resp: 1519508

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

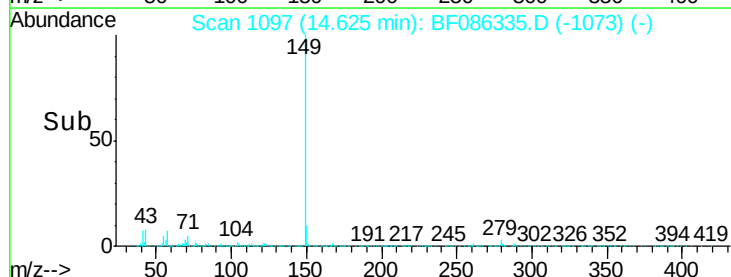
43 10.6 9.1 13.7

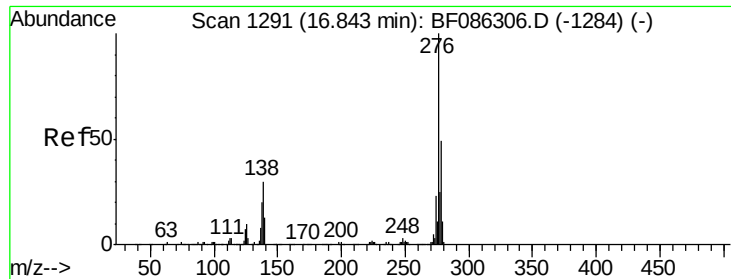


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





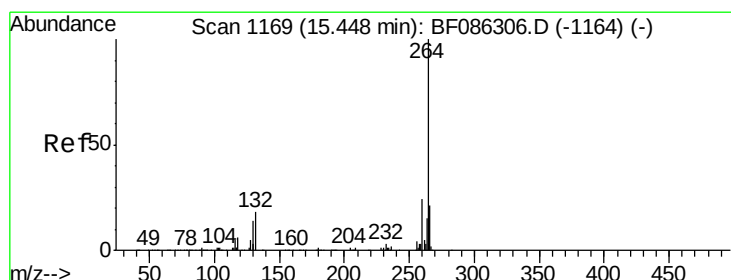
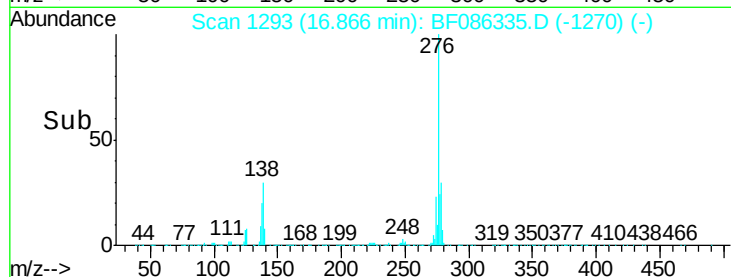
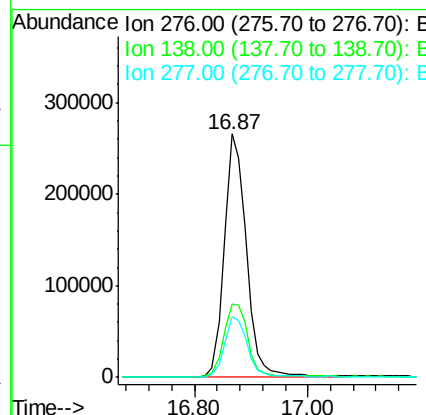
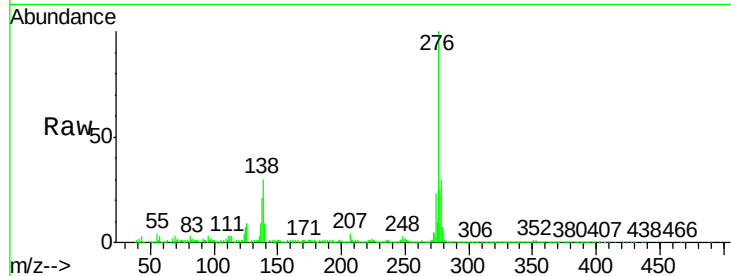
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.90 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
LCF-B2MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.7	23.8	35.6
277	25.3	20.2	30.2

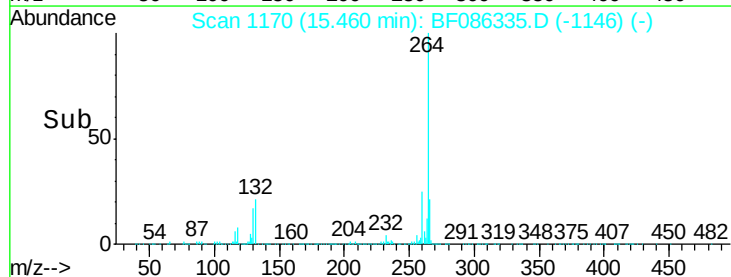
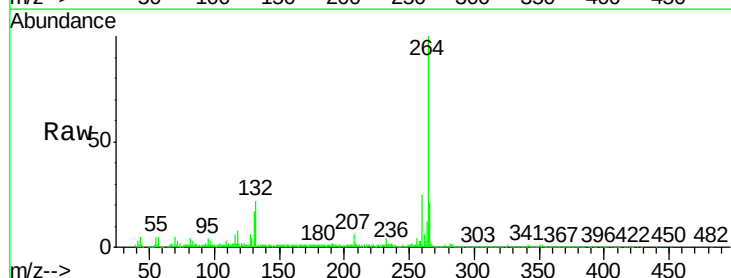
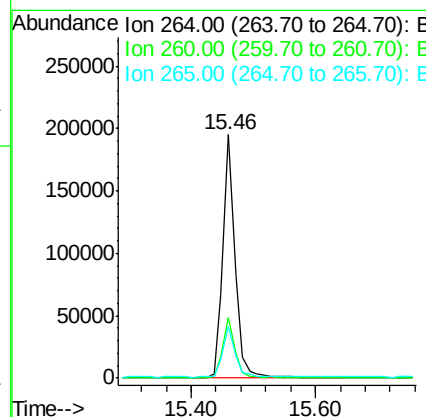
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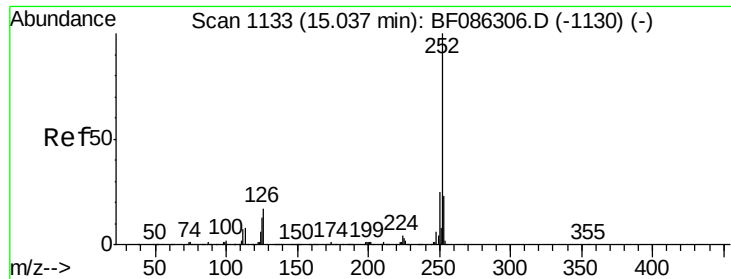
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	21.4	17.4	26.0





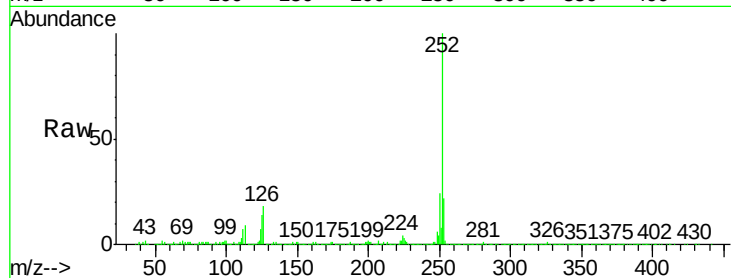
#87
Benzo(b)fluoranthene
Concen: 48.17 ng m
RT: 15.05 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
LCF-B2MS

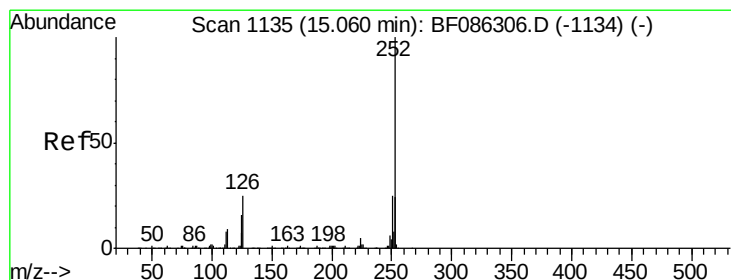
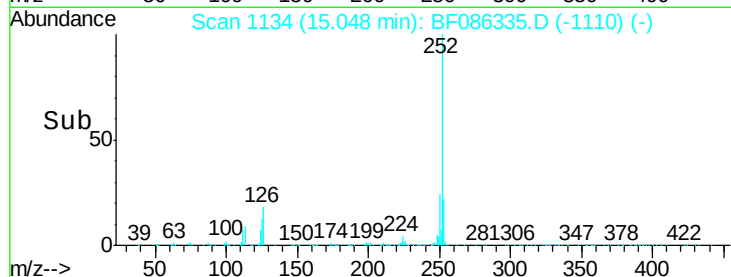
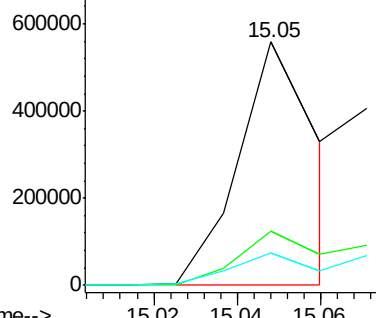
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	13.6	10.3	15.5

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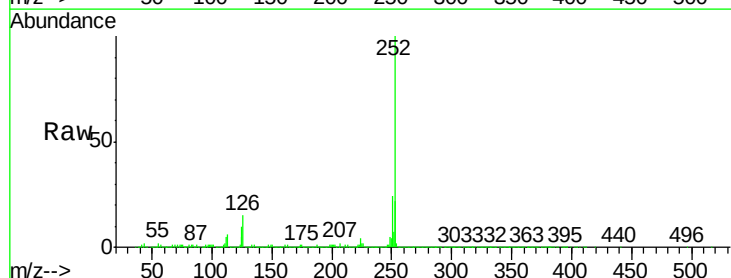


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

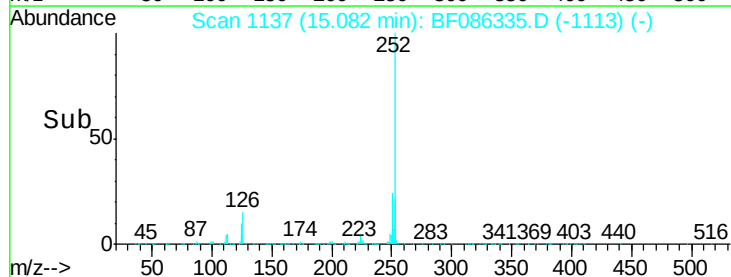
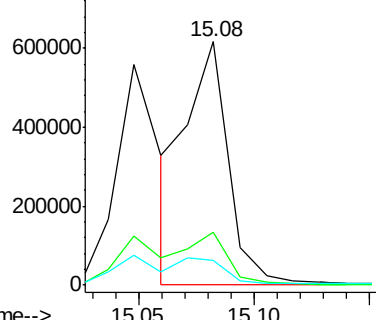


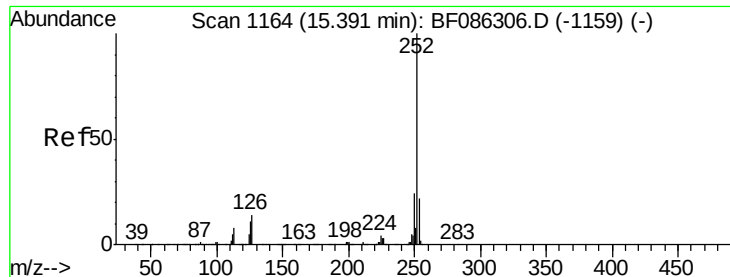
#88
Benzo(k)fluoranthene
Concen: 62.95 ng m
RT: 15.08 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	10.4	7.8	11.6



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





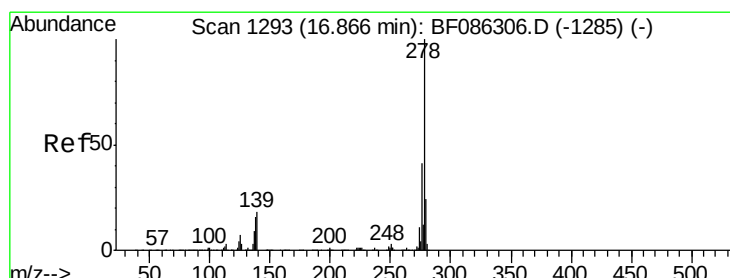
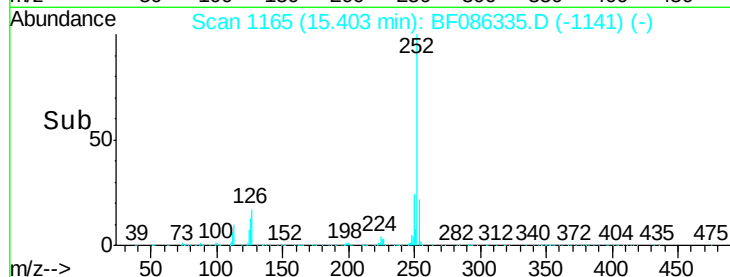
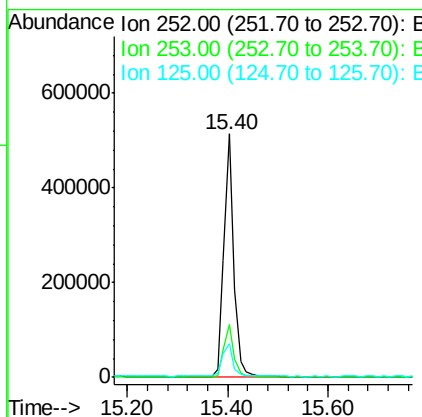
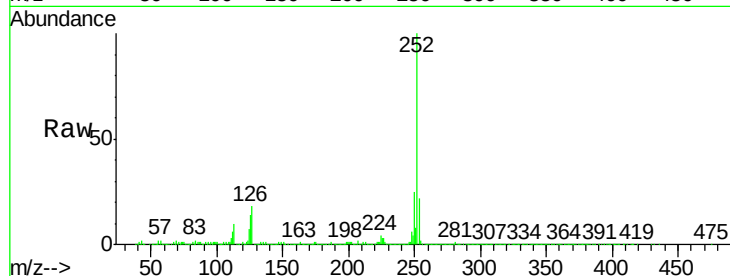
#89
Benzo(a)pyrene
Concen: 50.99 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Instrument :
BNA_F
ClientSampleId :
LCF-B2MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	13.8	11.2	16.8

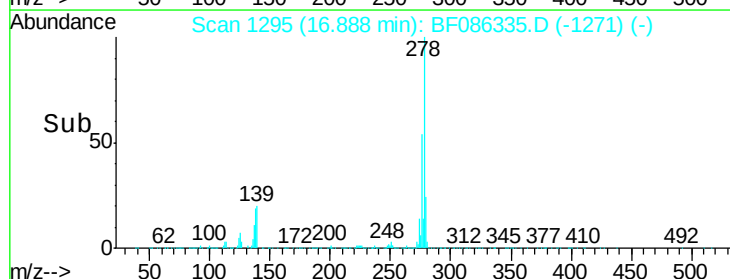
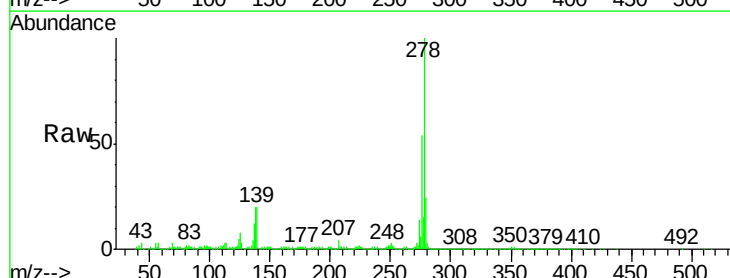
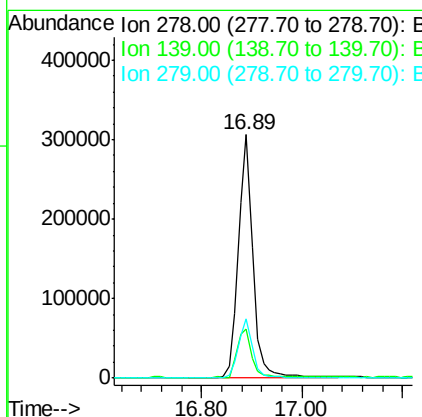
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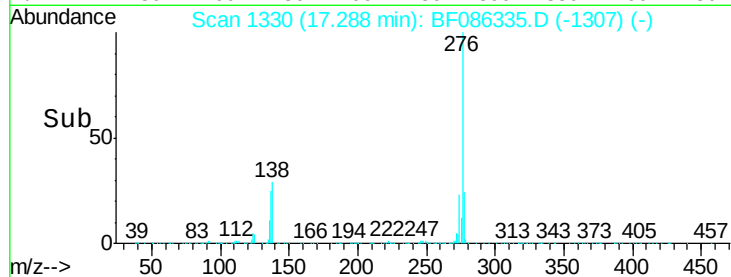
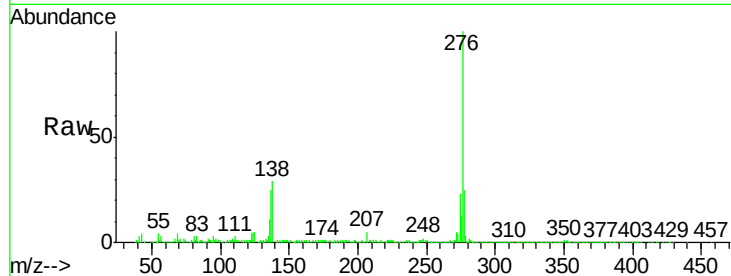
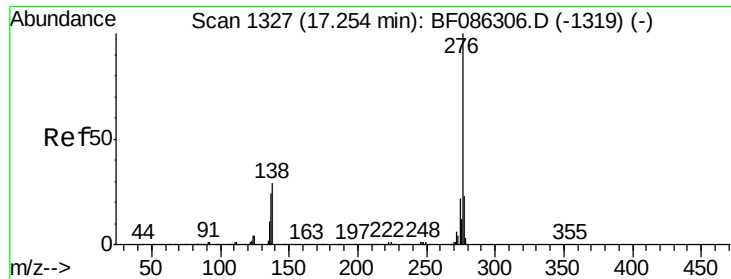
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#90
Dibenzo(a,h)anthracene
Concen: 50.79 ng
RT: 16.89 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF086335.D
Acq: 21 Apr 2016 3:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	15.3	22.9
279	24.3	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 50.83 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. -0.03 min
 Lab File: BF086335.D
 Acq: 21 Apr 2016 3:52

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.6	19.0	28.6
138	29.2	19.6	29.4

Manual Integrations
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