

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050616\
 Data File : BF086754.D
 Acq On : 7 May 2016 5:39
 Operator : UM/SJ
 Sample : PB90336BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

Manual Integrations
 APPROVED

Sohil
 5/9/2016 7:17:27 PM

Quant Time: May 07 06:05:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 07 03:18:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	183193	40.00	ng	0.00
21) Naphthalene-d8	8.00	136	769072	40.00	ng	0.00
38) Acenaphthene-d10	9.74	164	364564	40.00	ng	0.00
63) Phenanthrene-d10	11.22	188	617292	40.00	ng	-0.01
75) Chrysene-d12	13.85	240	382767	40.00	ng	-0.01
86) Perylene-d12	15.23	264	358033	40.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	1218712	110.13	ng	0.00
7) Phenol-d6	6.37	99	1603415	107.57	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1188962	79.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	410883	115.21	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1750123	78.69	ng	-0.01
78) Terphenyl-d14	12.81	244	1608972	84.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.34	88	182383	31.89	ng	# 73
3) Pyridine	3.05	79	520114	37.09	ng	# 71
4) n-Nitrosodimethylamine	2.97	42	355416	41.78	ng	# 51
6) Aniline	6.38	93	325038	17.67	ng	# 1
8) 2-Chlorophenol	6.50	128	515986	38.86	ng	92
9) Benzaldehyde	6.26	77	61020	8.21	ng	98
10) Phenol	6.38	94	684799	41.99	ng	# 69
11) bis(2-Chloroethyl)ether	6.45	93	505281	36.00	ng	86
12) 1,3-Dichlorobenzene	6.65	146	536874	38.08	ng	99
13) 1,4-Dichlorobenzene	6.73	146	545277	37.40	ng	99
14) 1,2-Dichlorobenzene	6.88	146	501074	39.47	ng	99
15) Benzyl Alcohol	6.86	79	423584	43.92	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1070220	37.29	ng	# 48
17) 2-Methylphenol	6.99	107	432842	40.48	ng	# 82
18) Hexachloroethane	7.22	117	218636	39.72	ng	# 85
19) n-Nitroso-di-n-propylamine	7.14	70	409017	40.16	ng	# 71
20) 3+4-Methylphenols	7.15	107	556381	44.44	ng	# 59
22) Acetophenone	7.13	105	732440	40.87	ng	99
24) Nitrobenzene	7.30	77	605313	39.12	ng	99
25) Isophorone	7.54	82	1085385	38.94	ng	98
26) 2-Nitrophenol	7.62	139	284776	41.25	ng	# 93
27) 2,4-Dimethylphenol	7.66	122	469304	38.71	ng	88
28) bis(2-Chloroethoxy)methane	7.76	93	662024	43.16	ng	98
29) 2,4-Dichlorophenol	7.87	162	430032	41.26	ng	90
30) 1,2,4-Trichlorobenzene	7.94	180	471002	40.51	ng	99
31) Naphthalene	8.02	128	1534487	39.05	ng	99
32) Benzoic acid	7.82	122	294452	59.76	ng	# 81
33) 4-Chloroaniline	8.08	127	135432	8.90	ng	# 94
34) Hexachlorobutadiene	8.13	225	267969	40.59	ng	98
35) Caprolactam	8.48	113	148432m	46.01	ng	
36) 4-Chloro-3-methylphenol	8.58	107	487014	40.96	ng	93
37) 2-Methylnaphthalene	8.70	142	945987m	40.81	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	426119	40.38	ng	98
40) Hexachlorocyclopentadiene	8.85	237	492490	99.63	ng	96

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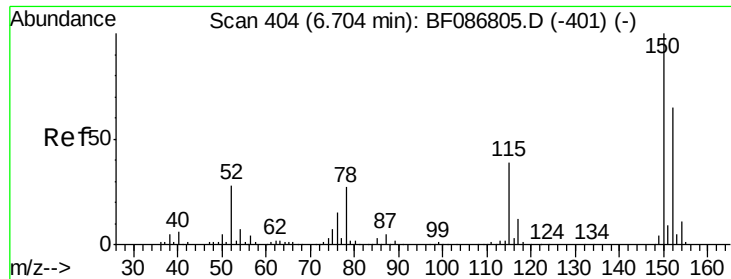
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	285726	42.58	ng	96
43) 2,4,5-Trichlorophenol	9.05	196	304478	43.43	ng	96
45) 1,1'-Biphenyl	9.17	154	1237557	41.52	ng	97
46) 2-Chloronaphthalene	9.20	162	924561	40.20	ng	96
47) 2-Nitroaniline	9.30	65	301790	36.91	ng	# 73
48) Acenaphthylene	9.61	152	1339462	39.23	ng	99
49) Dimethylphthalate	9.48	163	1031926	37.97	ng	99
50) 2,6-Dinitrotoluene	9.55	165	236634	40.57	ng	# 65
51) Acenaphthene	9.78	154	868048	38.54	ng	99
52) 3-Nitroaniline	9.71	138	101984	15.38	ng	# 73
53) 2,4-Dinitrophenol	9.82	184	210062	84.54	ng	93
54) Dibenzofuran	9.95	168	1119200	40.09	ng	94
55) 4-Nitrophenol	9.90	139	285634	73.89	ng	# 60
56) 2,4-Dinitrotoluene	9.95	165	291754	40.37	ng	# 82
57) Fluorene	10.29	166	947012	41.86	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	246919	47.96	ng	97
59) Diethylphthalate	10.18	149	951085	36.97	ng	99
60) 4-Chlorophenyl-phenylether	10.28	204	401756	37.35	ng	95
61) 4-Nitroaniline	10.34	138	235926	37.03	ng	# 80
62) Azobenzene	10.44	77	1149746	40.34	ng	84
64) 4,6-Dinitro-2-methylphenol	10.35	198	143169	46.45	ng	# 21
65) n-Nitrosodiphenylamine	10.41	169	773676	39.47	ng	99
66) 4-Bromophenyl-phenylether	10.77	248	265292	43.25	ng	97
67) Hexachlorobenzene	10.83	284	294792	39.41	ng	# 63
68) Atrazine	10.94	200	240994	40.12	ng	96
69) Pentachlorophenol	11.04	266	300602	82.60	ng	98
70) Phenanthrene	11.25	178	1402476	42.30	ng	100
71) Anthracene	11.30	178	1317124	37.93	ng	100
72) Carbazole	11.46	167	1147878	38.07	ng	98
73) Di-n-butylphthalate	11.79	149	1422398	39.74	ng	# 98
74) Fluoranthene	12.43	202	1358782	40.89	ng	96
76) Benzidine	12.57	184	360697	36.41	ng	96
77) Pyrene	12.66	202	1425722	46.72	ng	100
79) Butylbenzylphthalate	13.29	149	646489	50.58	ng	91
80) Benzo(a)anthracene	13.84	228	975851	45.08	ng	99
81) 3,3'-Dichlorobenzidine	13.81	252	155450	11.43	ng	# 97
82) Chrysene	13.88	228	1080481	46.78	ng	99
83) Bis(2-ethylhexyl)phthalate	13.85	149	773321	52.28	ng	# 99
84) Di-n-octyl phthalate	14.45	149	1373701	63.12	ng	# 86
85) Indeno(1,2,3-cd)pyrene	16.53	276	871885	44.00	ng	96
87) Benzo(b)fluoranthene	14.85	252	1086096m	50.48	ng	
88) Benzo(k)fluoranthene	14.88	252	751737m	37.09	ng	
89) Benzo(a)pyrene	15.17	252	838282	42.30	ng	97
90) Dibenzo(a,h)anthracene	16.55	278	740991	38.93	ng	# 95
91) Benzo(g,h,i)perylene	16.92	276	717627	35.91	ng	# 91

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



#1

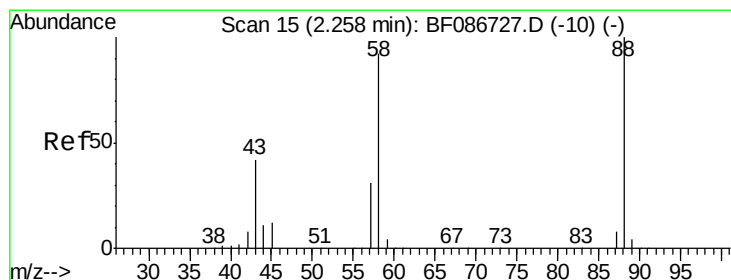
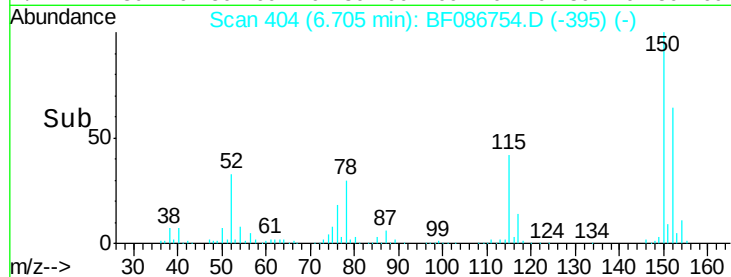
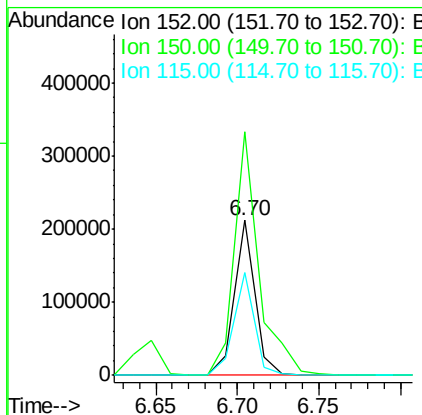
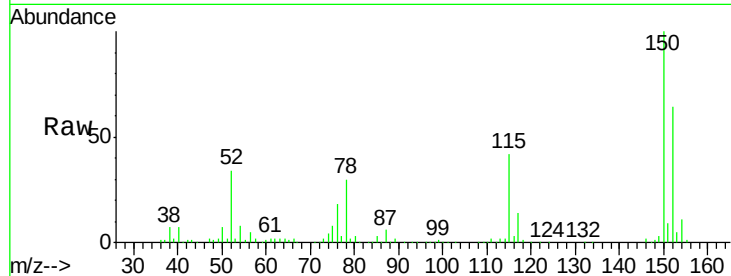
1,4-Dichlorobenzene-d4
Concen: 40.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Instrument :
BNA_F
ClientSampleId :
PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	183193		
150	157.2	125.8	188.6	
115	66.1	51.5	77.3	

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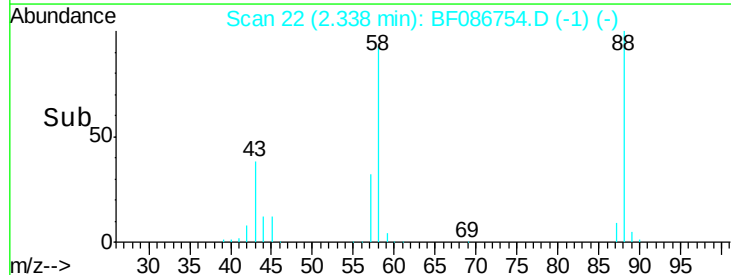
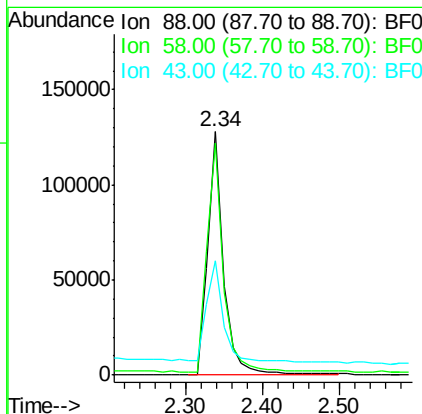
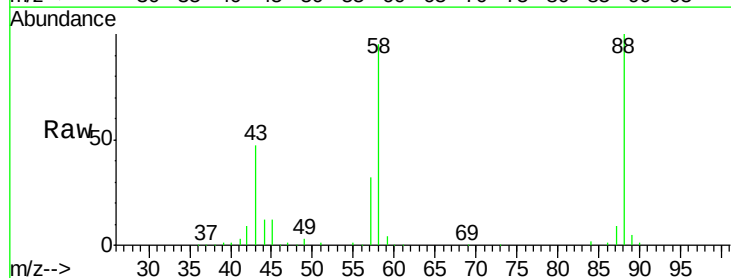
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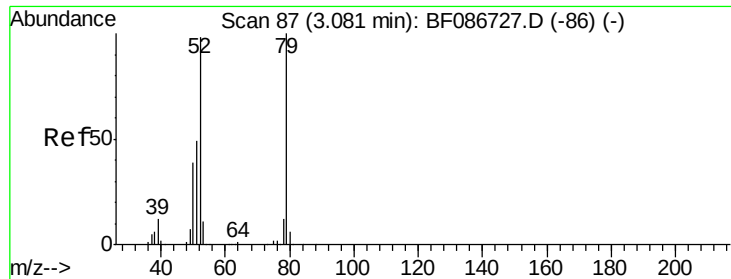


#2

1,4-Dioxane
Concen: 31.89 ng
RT: 2.34 min Scan# 22
Delta R.T. 0.08 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	182383		
58	96.0	59.6	89.4#	
43	43.9	21.8	32.6#	





#3

Pyridine

Concen: 37.09 ng

RT: 3.05 min Scan# 84

Delta R.T. -0.03 min

Lab File: BF086754.D

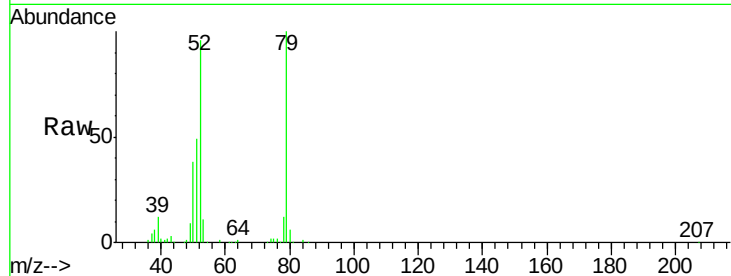
Acq: 7 May 2016 5:39

Instrument :

BNA_F

ClientSampleId :

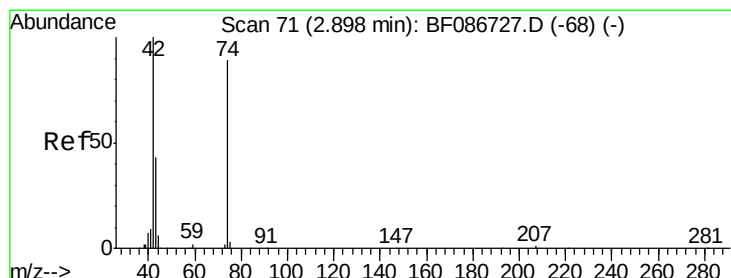
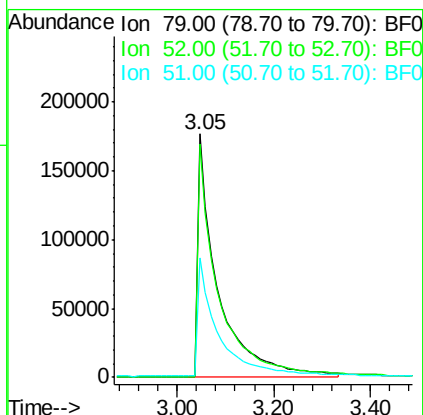
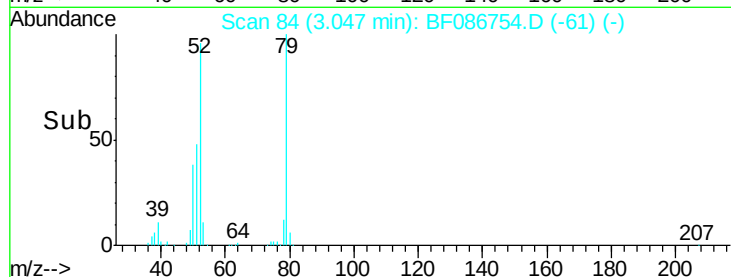
PB90336BS



Tgt Ion:	79	Resp:	520114
Ion Ratio	Lower	Upper	
79	100		
52	95.7	55.9	83.9#
51	49.0	28.1	42.1#

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#4

n-Nitrosodimethylamine

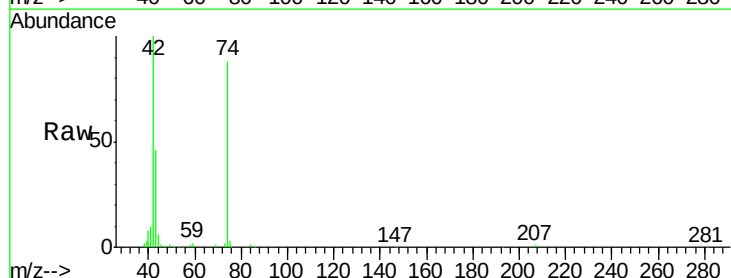
Concen: 41.78 ng

RT: 2.97 min Scan# 77

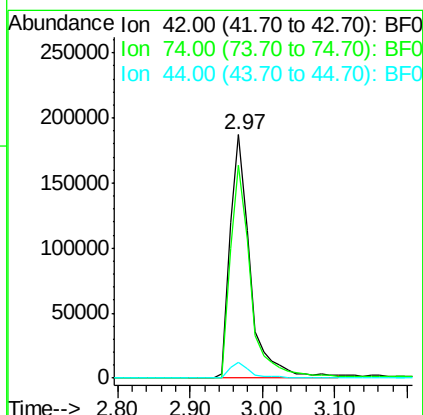
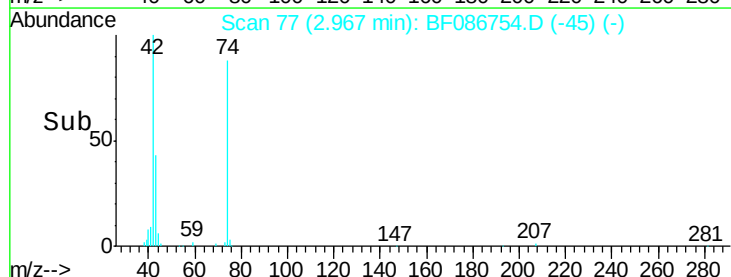
Delta R.T. 0.07 min

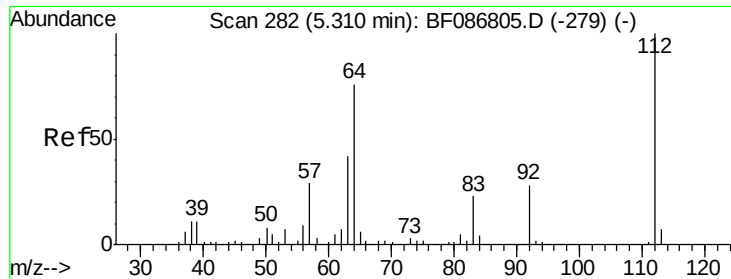
Lab File: BF086754.D

Acq: 7 May 2016 5:39



Tgt Ion:	42	Resp:	355416
Ion Ratio	Lower	Upper	
42	100		
74	87.7	123.4	185.0#
44	6.5	5.8	8.6





#5

2-Fluorophenol

Concen: 110.13 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086754.D

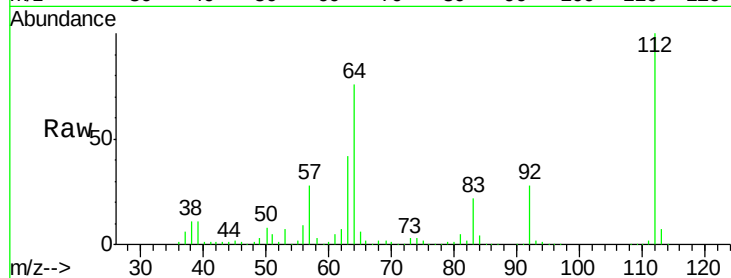
Acq: 7 May 2016 5:39

Instrument :

BNA_F

ClientSampleId :

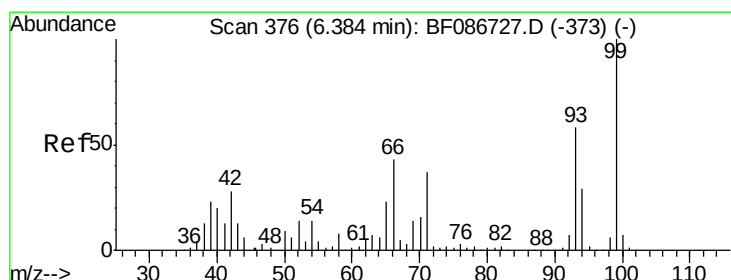
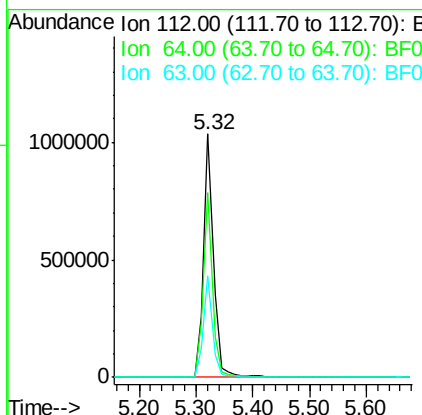
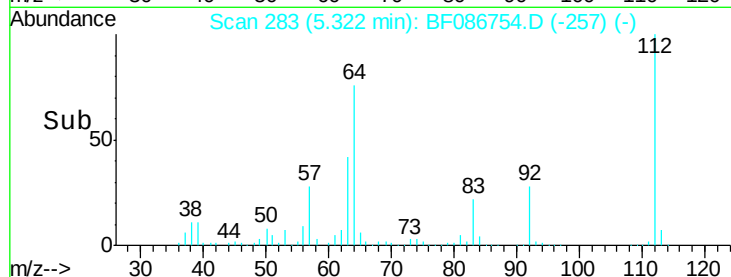
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Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.6	52.1	78.1
63	41.6	25.7	38.5#

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#6

Aniline

Concen: 17.67 ng

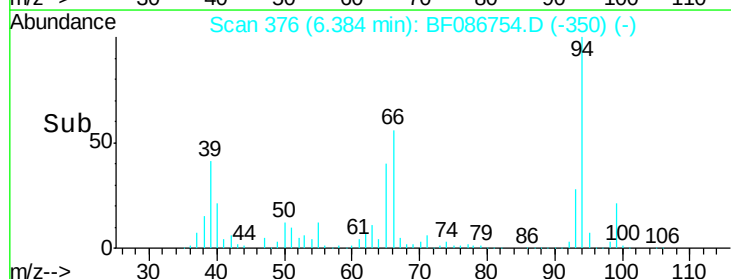
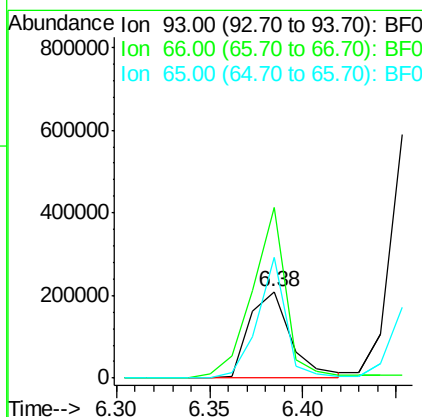
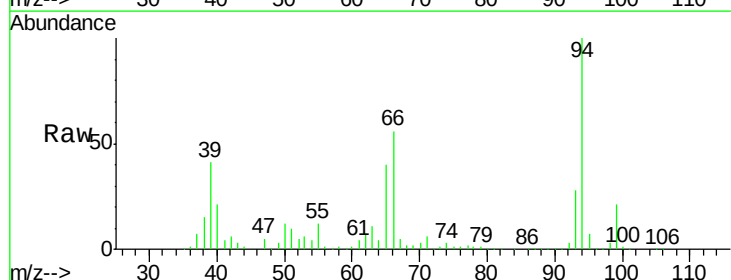
RT: 6.38 min Scan# 376

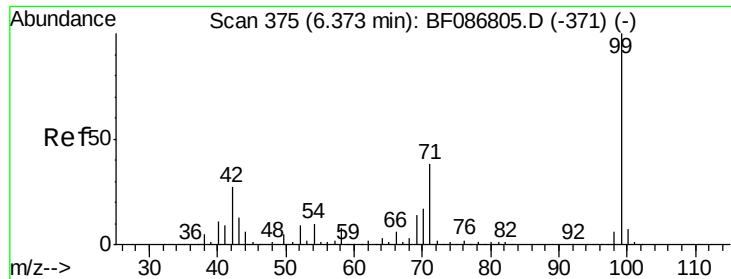
Delta R.T. 0.00 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	197.4	39.0	58.6#
65	140.6	20.6	31.0#





#7

Phenol-d6

Concen: 107.57 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.01 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Instrument :

BNA_F

ClientSampleId :

PB90336BS

Tgt Ion: 99 Resp: 1603415

Ion Ratio Lower Upper

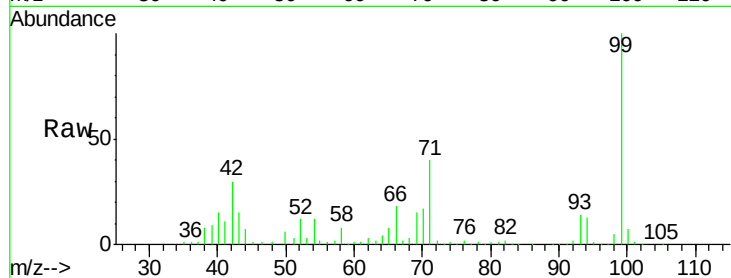
99 100

42 30.2 13.6 20.4#

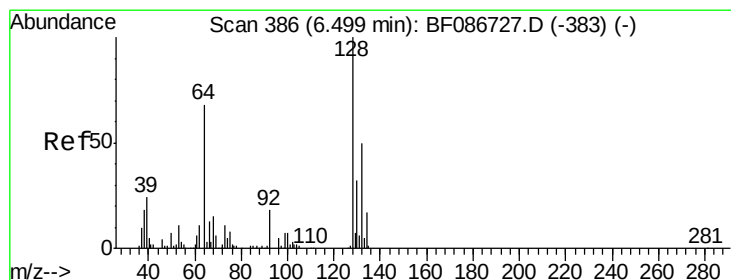
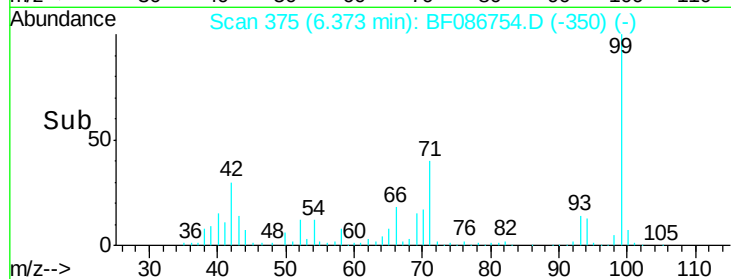
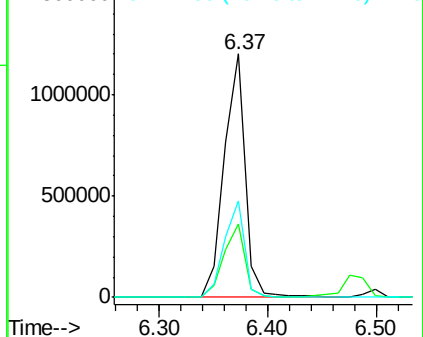
71 39.6 24.6 36.8#

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.86 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

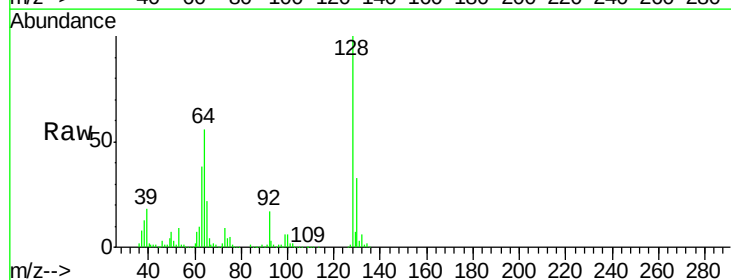
Tgt Ion: 128 Resp: 515986

Ion Ratio Lower Upper

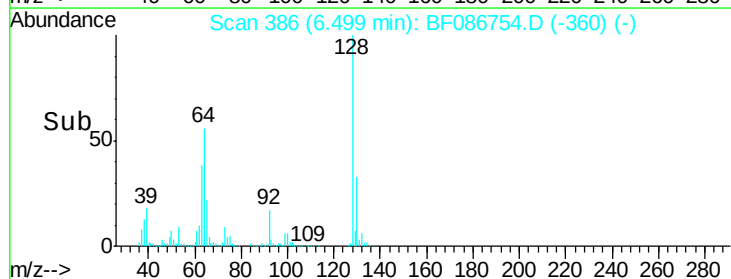
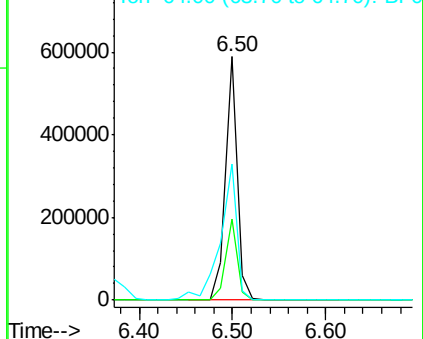
128 100

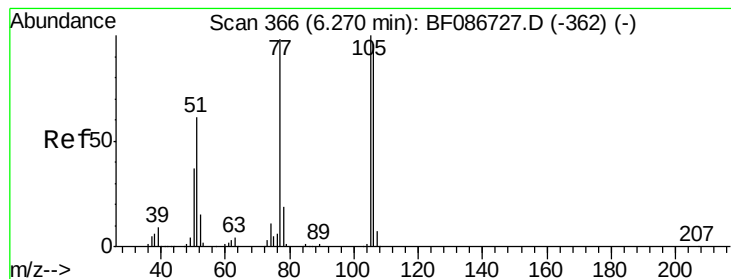
130 33.1 12.5 52.5

64 55.9 27.3 67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 8.21 ng

RT: 6.26 min Scan# 365

Delta R.T. -0.01 min

Lab File: BF086754.D

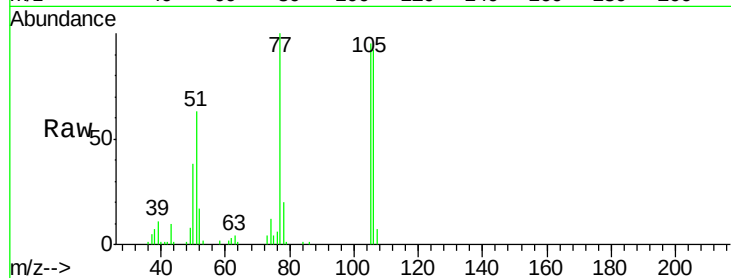
Acq: 7 May 2016 5:39

Instrument :

BNA_F

ClientSampleId :

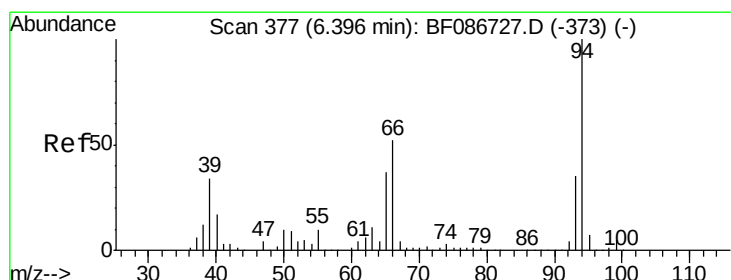
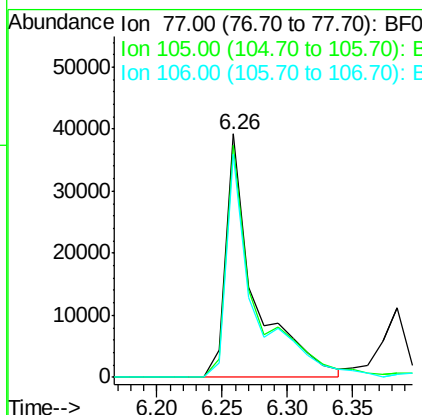
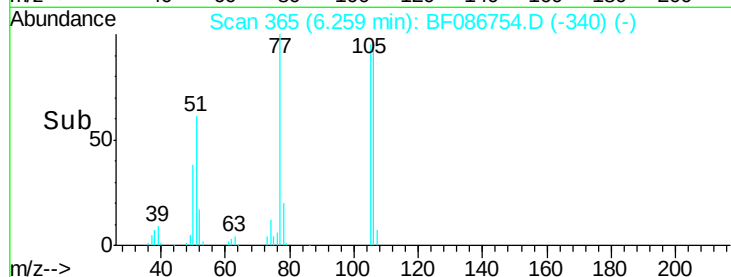
PB90336BS



Tgt Ion:	77	Resp:	61020
Ion	Ratio	Lower	Upper
77	100		
105	95.4	72.7	112.7
106	91.8	70.8	110.8

Manual Integrations
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#10

Phenol

Concen: 41.99 ng

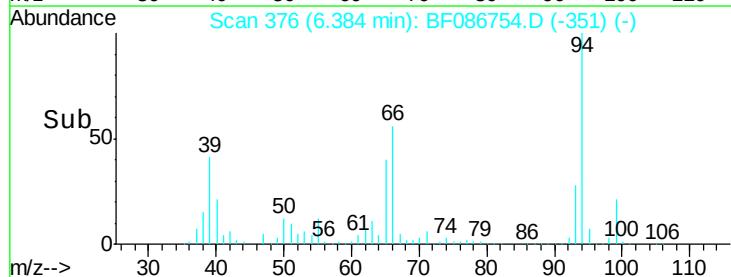
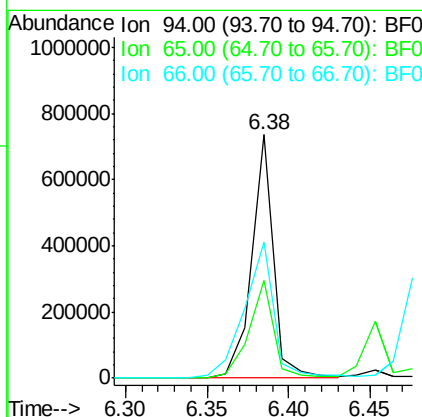
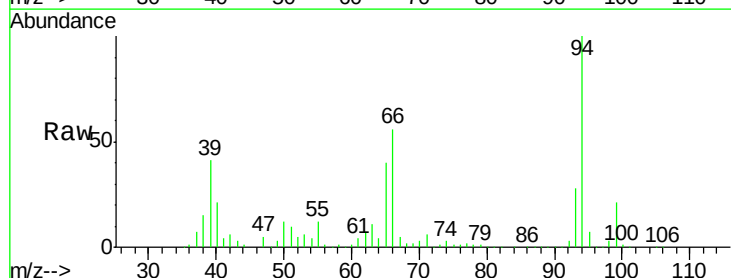
RT: 6.38 min Scan# 376

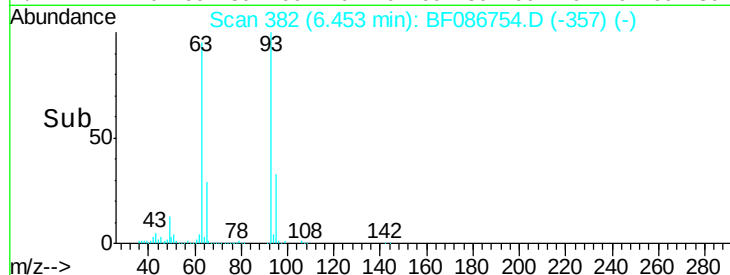
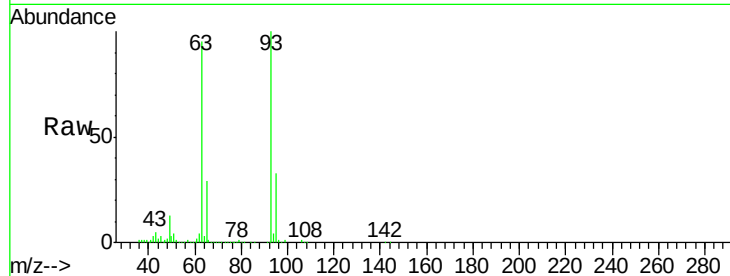
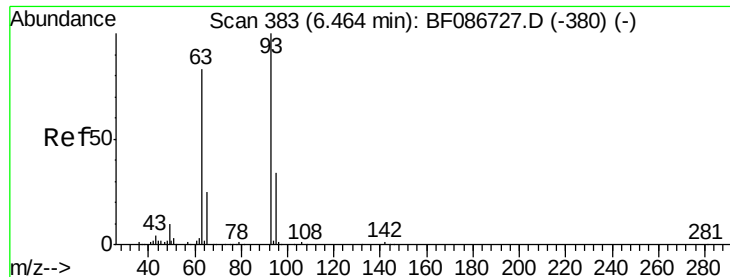
Delta R.T. -0.01 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Tgt Ion:	94	Resp:	684799
Ion	Ratio	Lower	Upper
94	100		
65	39.9	7.2	47.2
66	56.0	14.9	54.9#





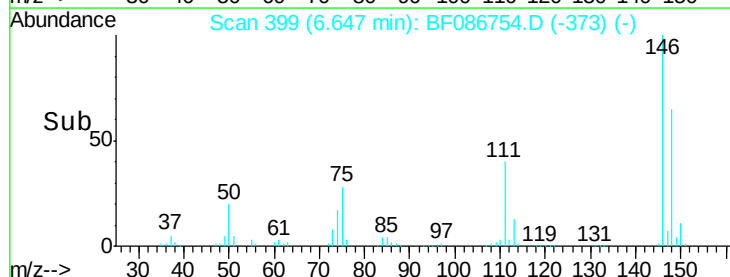
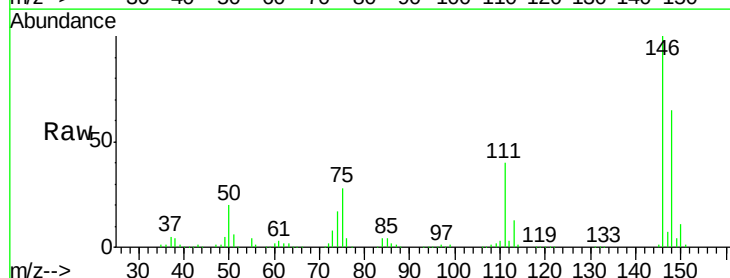
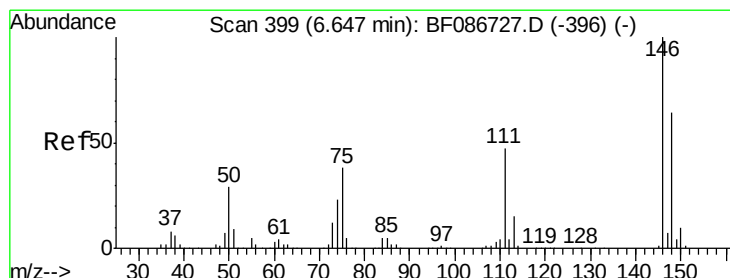
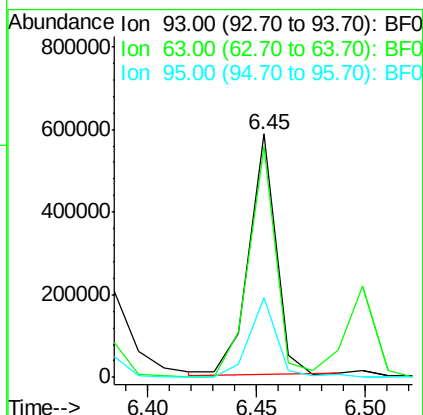
#11
bis(2-Chloroethyl)ether
Concen: 36.00 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion:	93	Resp:	505281
Ion	Ratio	Lower	Upper
93	100		
63	95.0	58.0	98.0
95	32.7	11.9	51.9

Instrument :
BNA_F
ClientSampleId :
PB90336BS

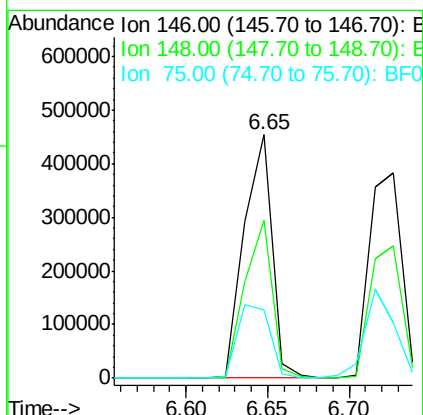
Manual Integrations
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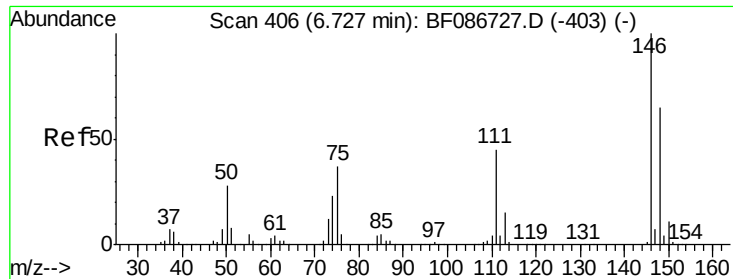
Sohil
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#12
1,3-Dichlorobenzene
Concen: 38.08 ng
RT: 6.65 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion:	146	Resp:	536874
Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.4	78.6
75	28.2	22.8	34.2





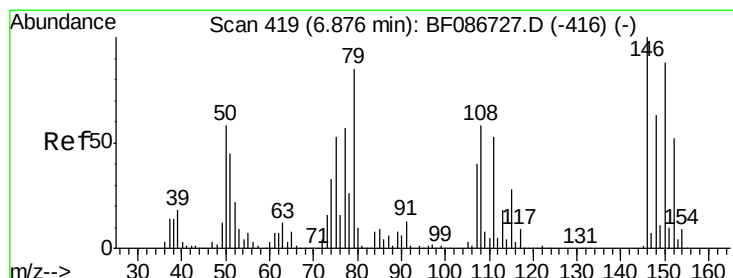
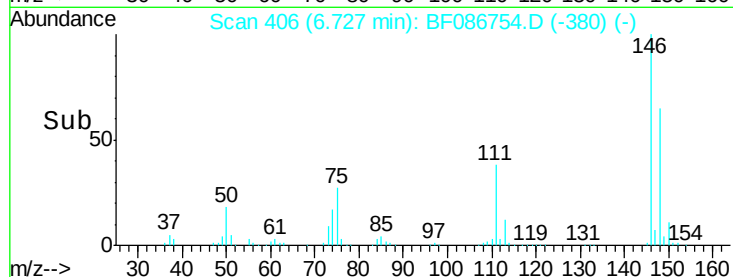
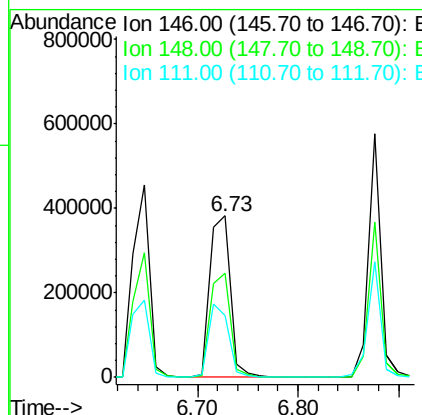
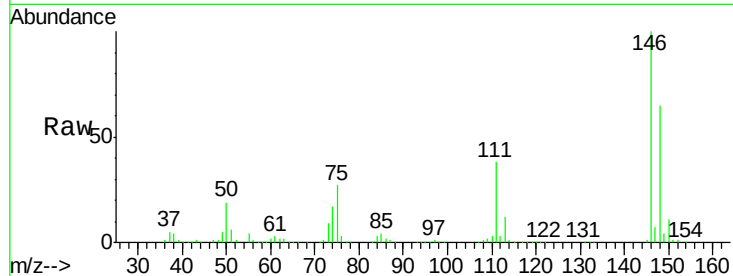
#13
 1,4-Dichlorobenzene
 Concen: 37.40 ng
 RT: 6.73 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	545277		
148	64.6	52.2	78.4	
111	38.2	30.7	46.1	

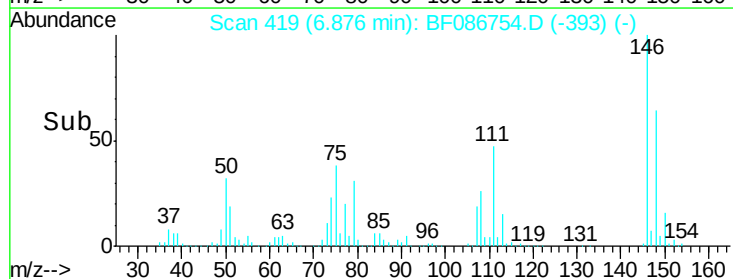
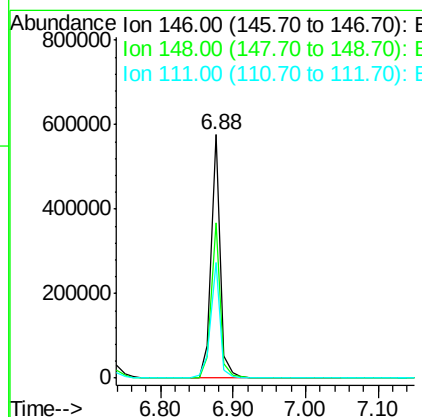
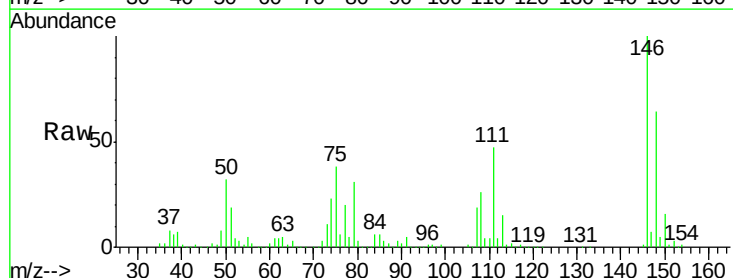
Manual Integrations
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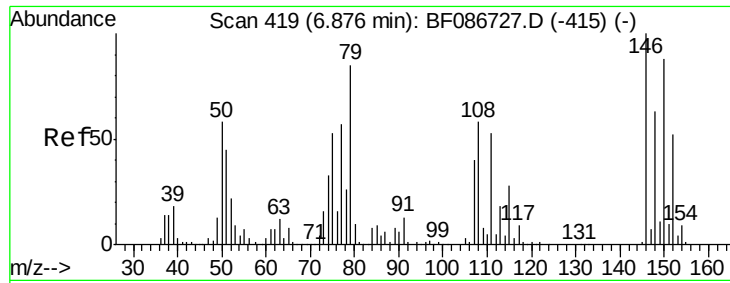
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 39.47 ng
 RT: 6.88 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	501074		
148	64.0	51.0	76.6	
111	47.4	36.2	54.4	





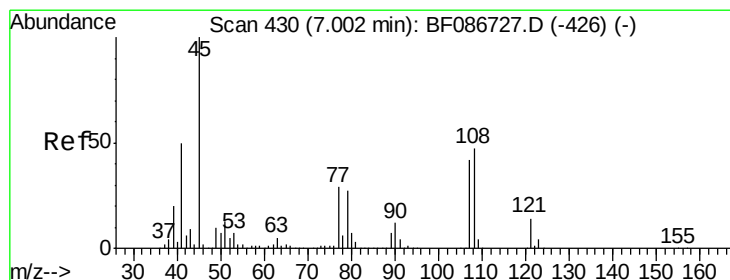
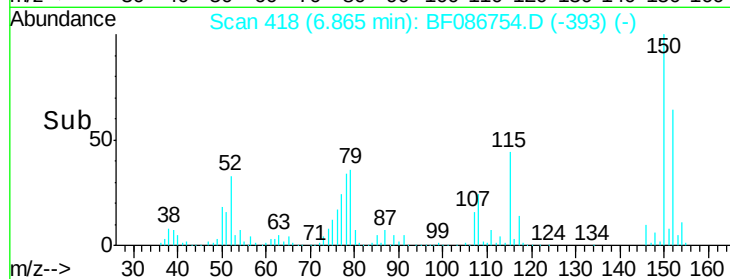
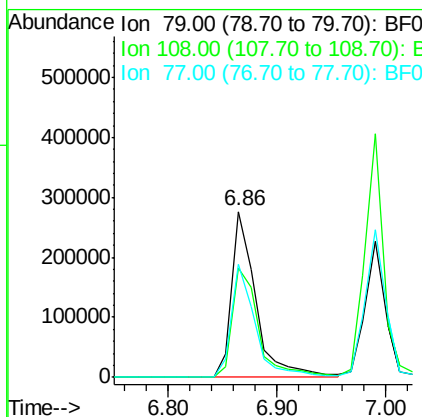
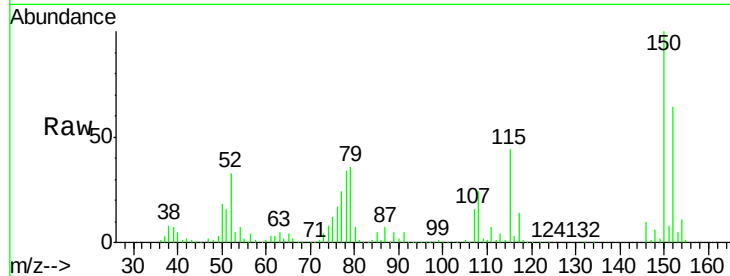
#15
Benzyl Alcohol
Concen: 43.92 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Instrument :
BNA_F
ClientSampled :
PB90336BS

Tgt Ion: 79 Resp: 423584
Ion Ratio Lower Upper
79 100
108 65.7 68.4 102.6#
77 68.1 50.6 76.0

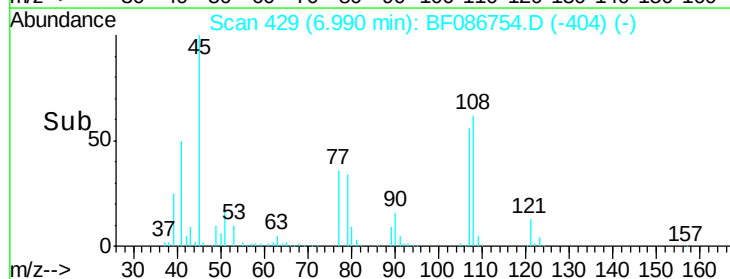
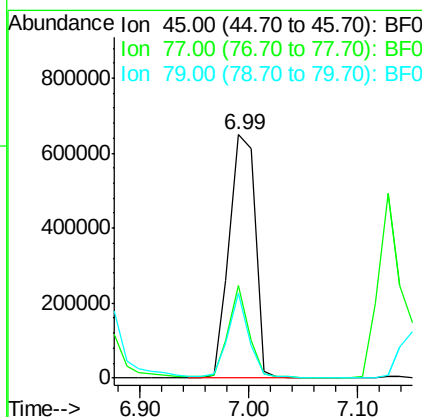
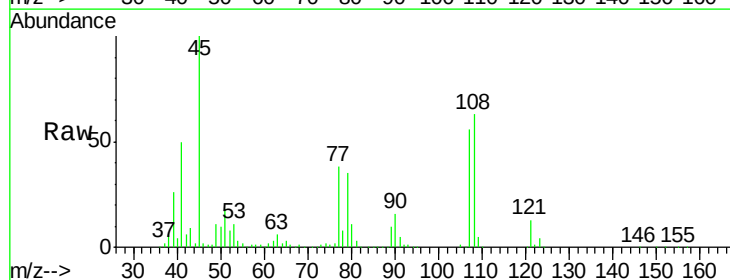
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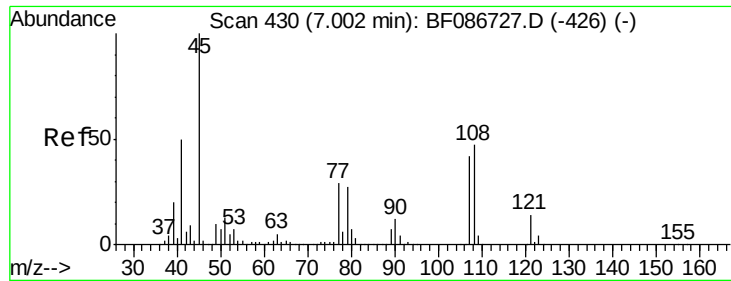
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.29 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion: 45 Resp: 1070220
Ion Ratio Lower Upper
45 100
77 38.0 0.0 36.4#
79 35.0 0.0 33.4#





#17

2-Methylphenol

Concen: 40.48 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF086754.D

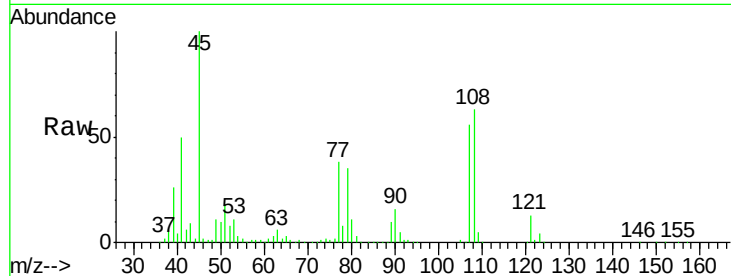
Acq: 7 May 2016 5:39

Instrument :

BNA_F

ClientSampleId :

PB90336BS



Tgt Ion:107 Resp: 432842

Ion Ratio Lower Upper

107 100

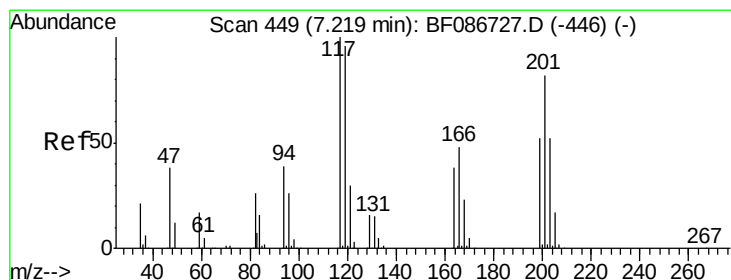
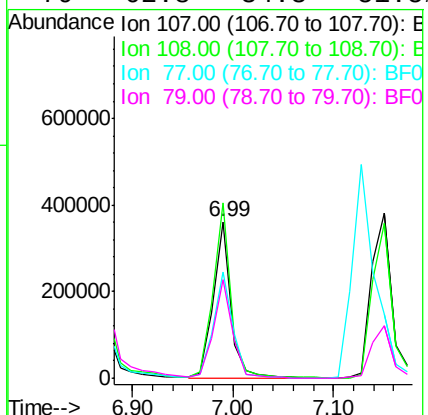
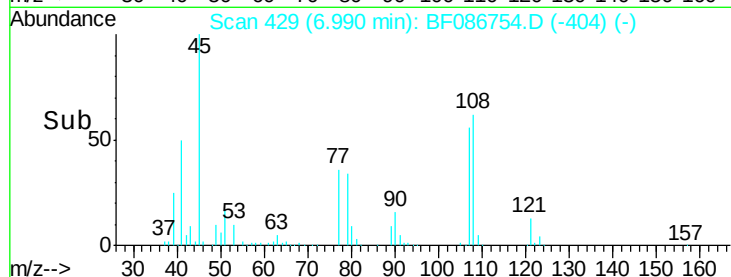
108 112.2 93.7 140.5

77 68.2 33.4 50.0#

79 62.8 34.3 51.5#

Manual Integrations
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#18

Hexachloroethane

Concen: 39.72 ng

RT: 7.22 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

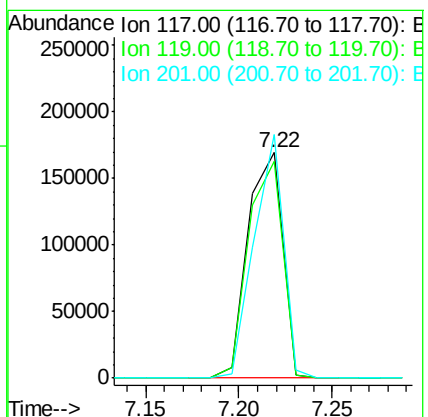
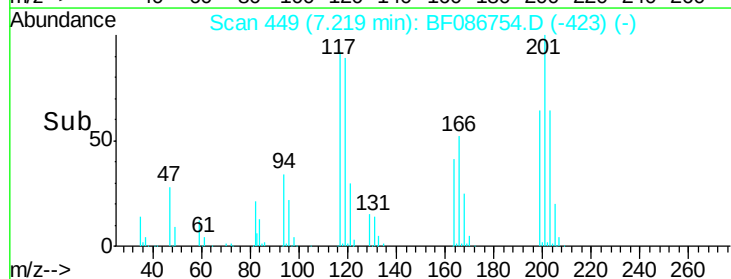
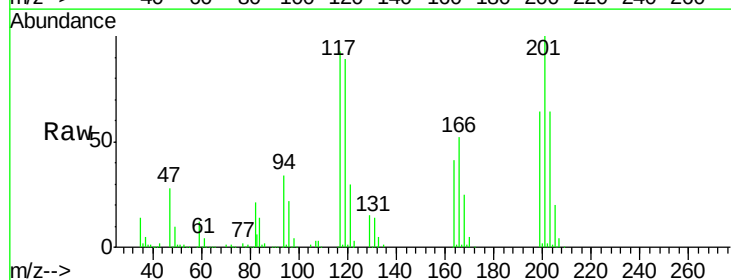
Tgt Ion:117 Resp: 218636

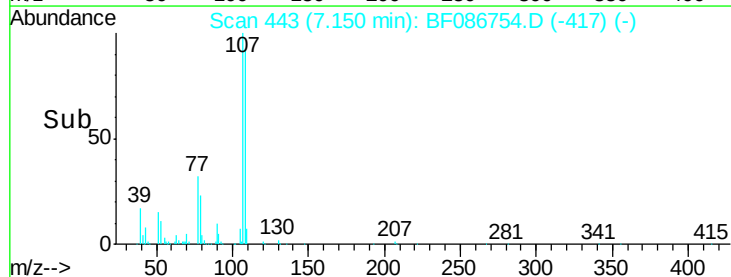
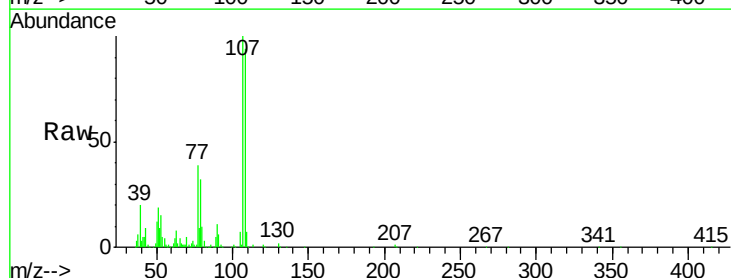
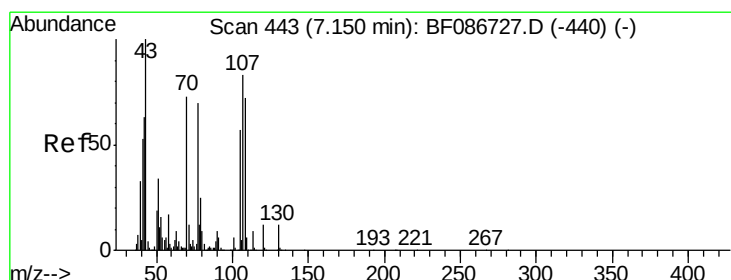
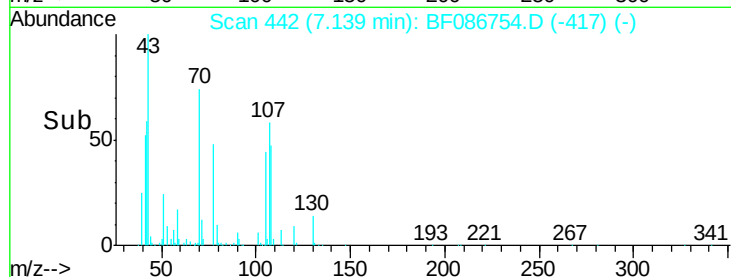
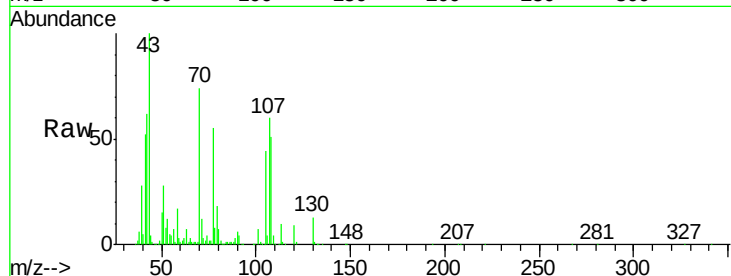
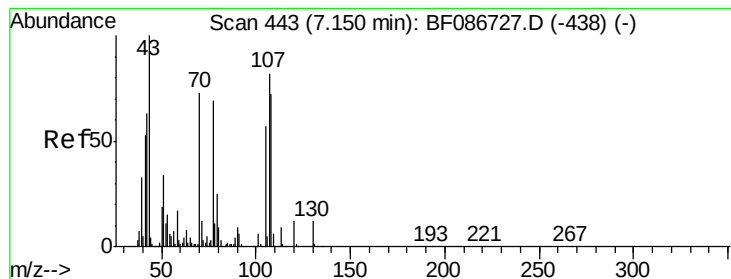
Ion Ratio Lower Upper

117 100

119 96.1 76.5 114.7

201 108.1 63.0 94.6#





#19

n-Nitroso-di-n-propylamine

Concen: 40.16 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Instrument :

BNA_F

ClientSampleId :

PB90336BS

Tgt Ion: 70 Resp: 409017
Ion Ratio Lower Upper

70 100

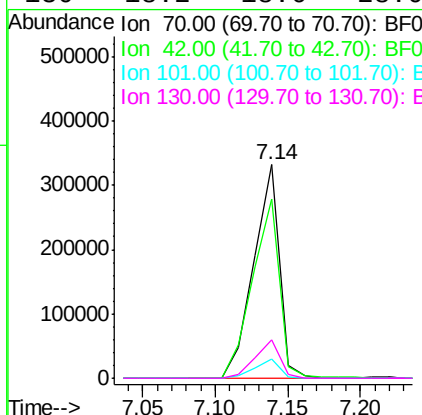
42 84.0 43.1 64.7#

101 8.9 8.1 12.1

130 18.2 18.6 28.0#

Manual Integrations
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#20

3+4-Methylphenols

Concen: 44.44 ng

RT: 7.15 min Scan# 443

Delta R.T. 0.00 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

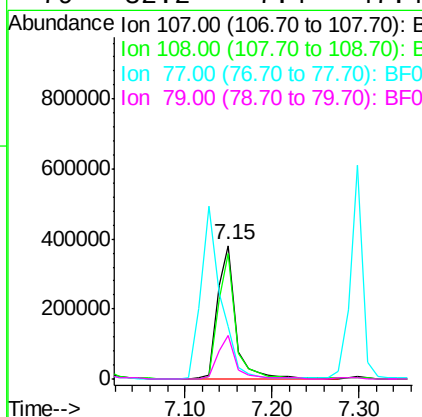
Tgt Ion: 107 Resp: 556381
Ion Ratio Lower Upper

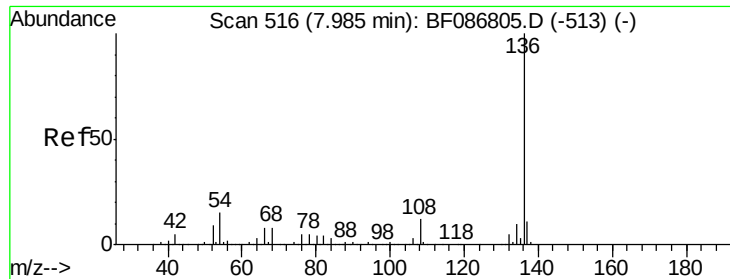
107 100

108 93.7 68.5 108.5

77 39.2 101.6 141.6#

79 32.2 7.4 47.4





#21

Naphthalene-d8

Concen: 40.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Instrument :

BNA_F

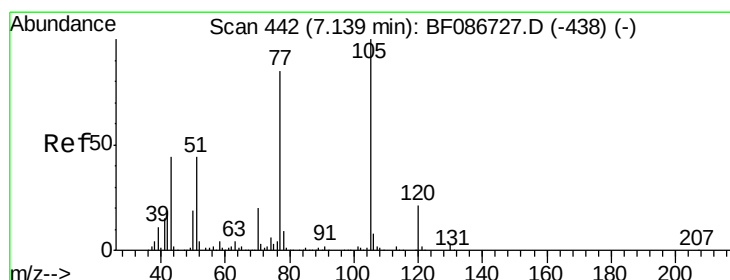
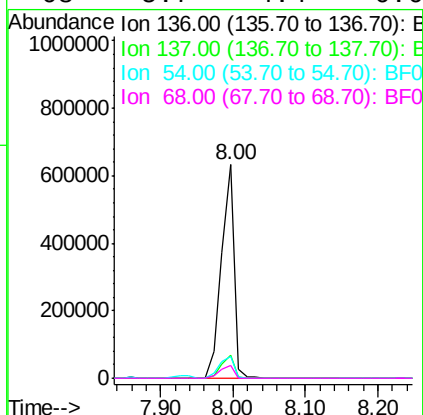
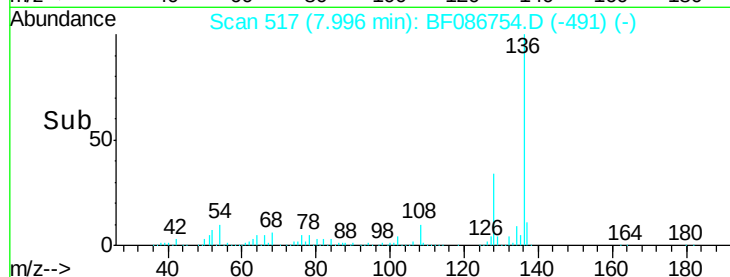
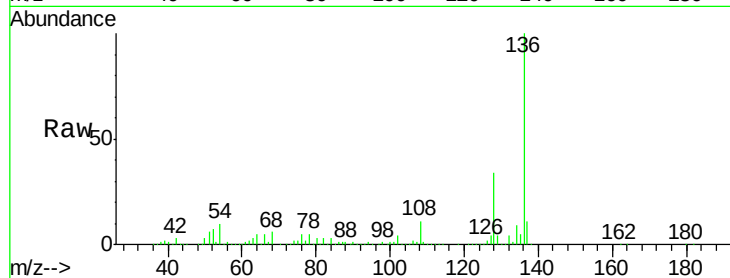
ClientSampleId :

PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	769072		
137	11.0	8.8	13.2	
54	9.9	5.0	7.4	
68	5.7	4.4	6.6	

Manual Integrations
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#22

Acetophenone

Concen: 40.87 ng

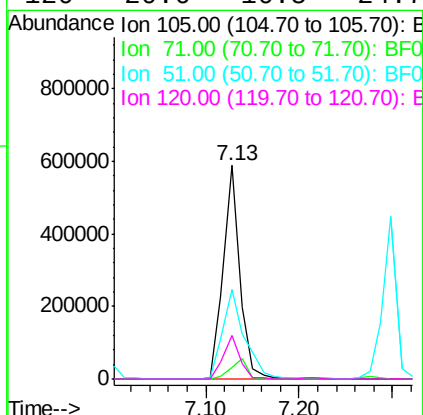
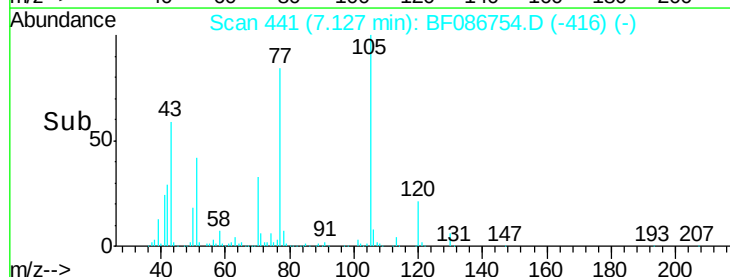
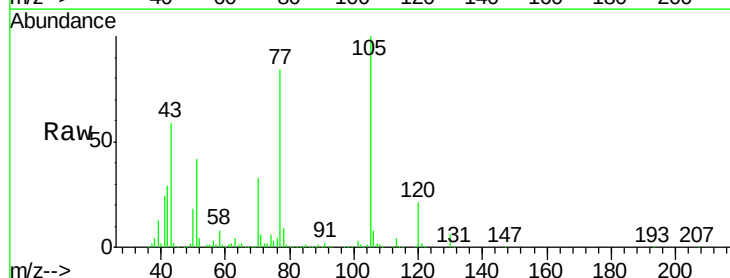
RT: 7.13 min Scan# 441

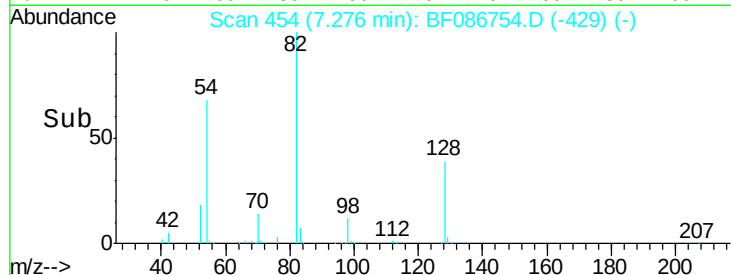
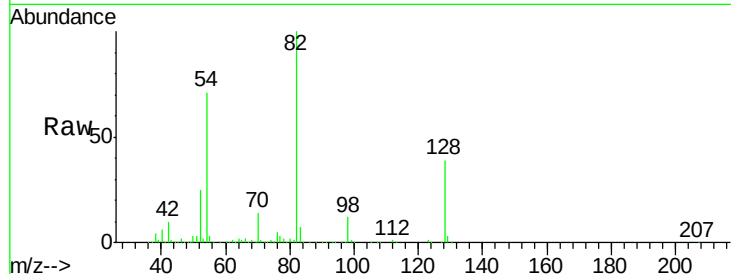
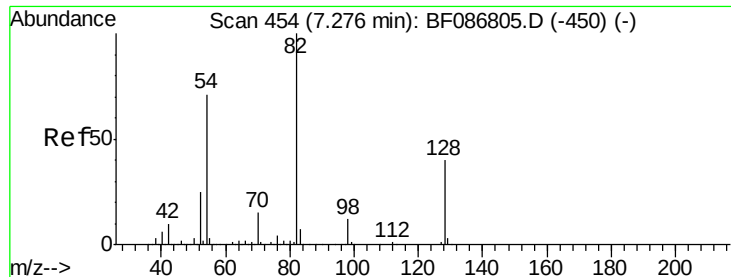
Delta R.T. -0.01 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	732440		
71	5.5	4.8	7.2	
51	41.8	32.6	49.0	
120	20.6	16.5	24.7	





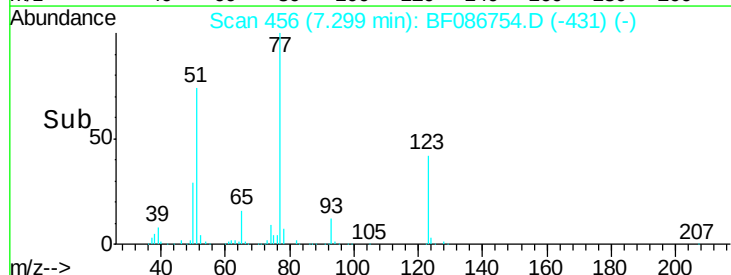
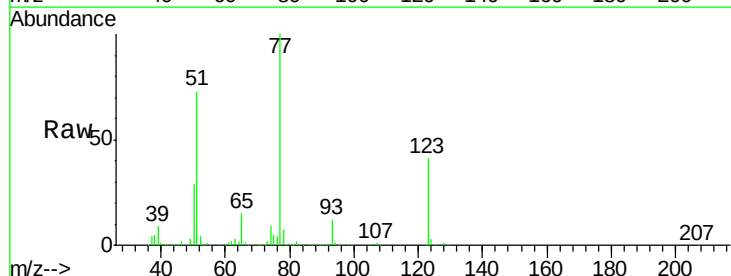
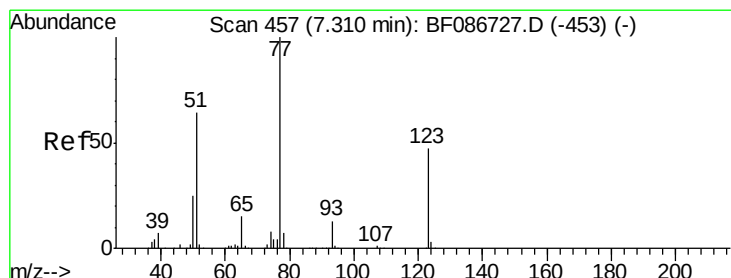
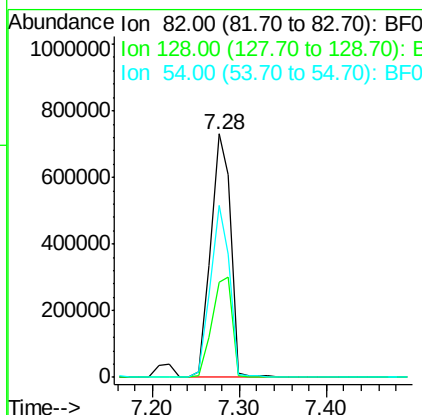
#23
 Nitrobenzene-d5
 Concen: 79.44 ng
 RT: 7.28 min Scan# 454
 Delta R.T. -0.01 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Tgt Ion: 82 Resp: 1188962
 Ion Ratio Lower Upper
 82 100
 128 38.9 40.6 61.0#
 54 70.6 38.1 57.1#

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

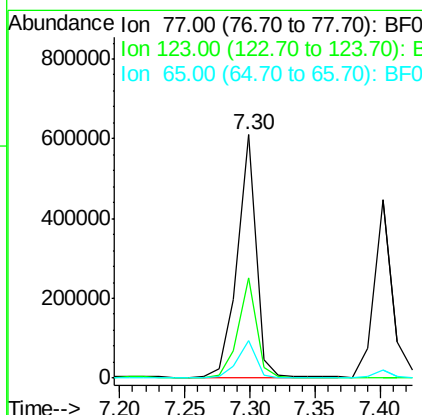
Manual Integrations
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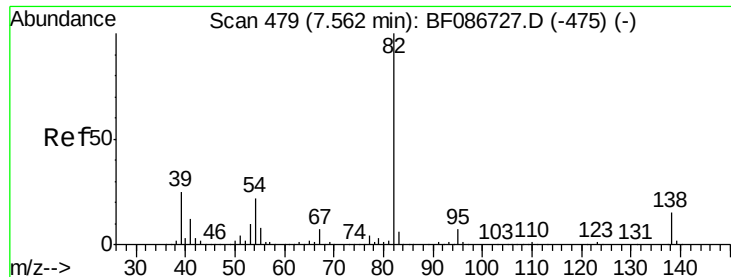
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#24
 Nitrobenzene
 Concen: 39.12 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Tgt Ion: 77 Resp: 605313
 Ion Ratio Lower Upper
 77 100
 123 41.3 33.0 49.4
 65 15.5 10.8 16.2





#25

Isophorone

Concen: 38.94 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Instrument :

BNA_F

ClientSampleId :

PB90336BS

Tgt Ion: 82 Resp: 1085385

Ion Ratio Lower Upper

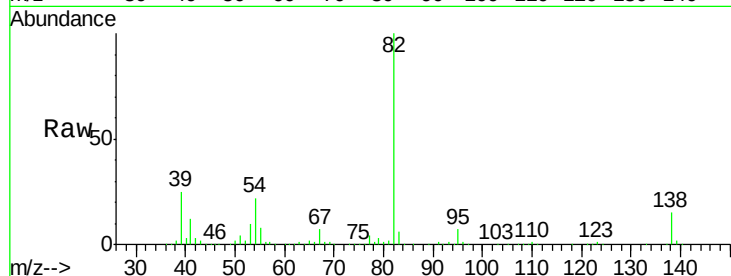
82 100

95 7.1 5.1 7.7

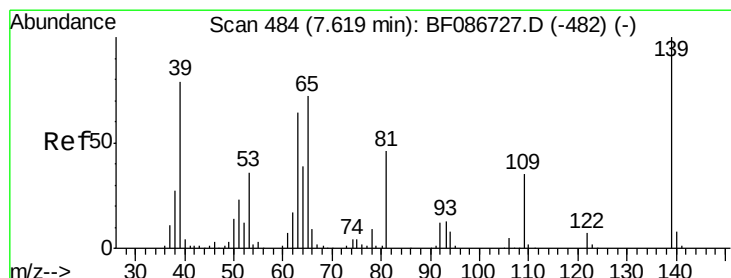
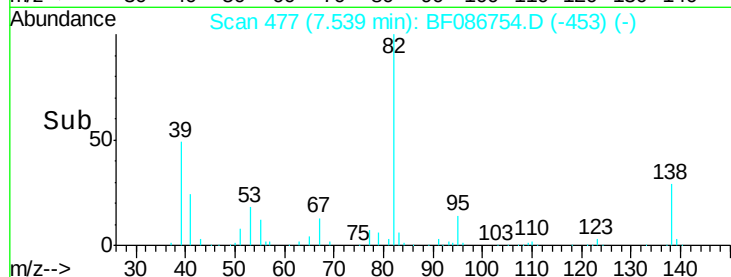
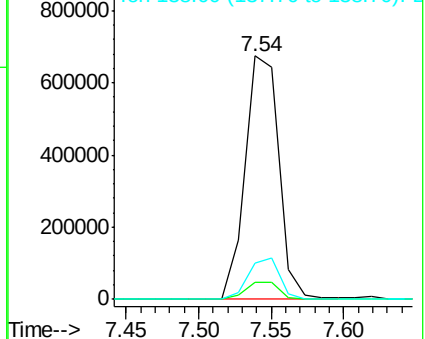
138 14.8 12.4 18.6

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



#26

2-Nitrophenol

Concen: 41.25 ng

RT: 7.62 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

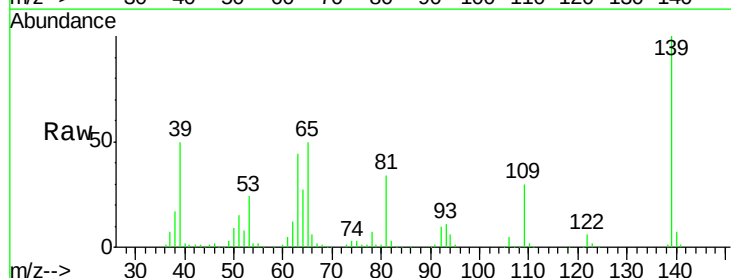
Tgt Ion: 139 Resp: 284776

Ion Ratio Lower Upper

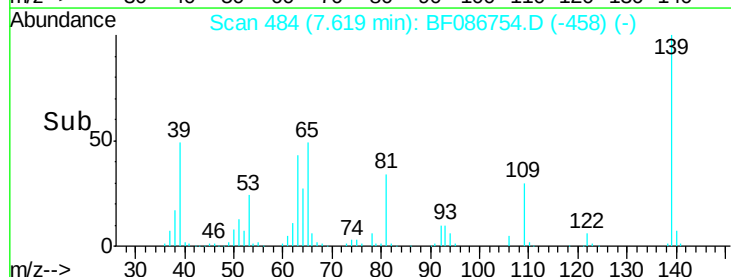
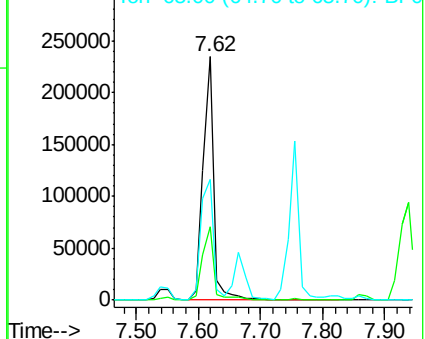
139 100

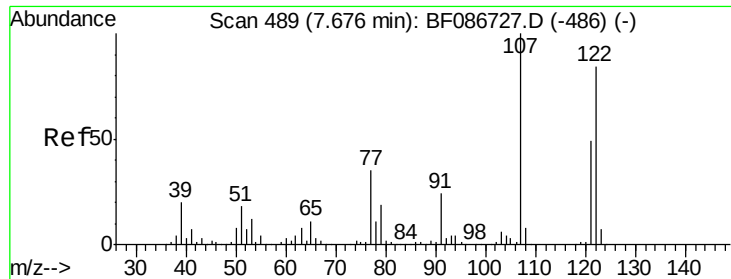
109 29.9 19.5 29.3#

65 49.7 37.5 56.3



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





#27

2,4-Dimethylphenol

Concen: 38.71 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Instrument :

BNA_F

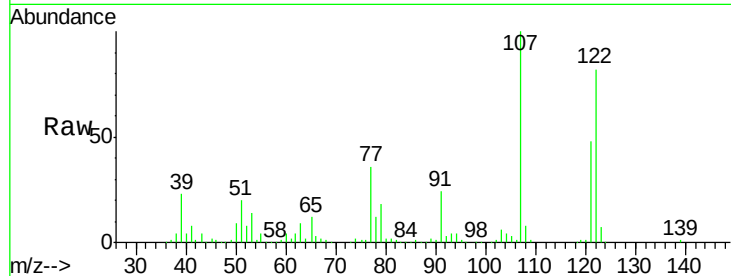
ClientSampleId :

PB90336BS

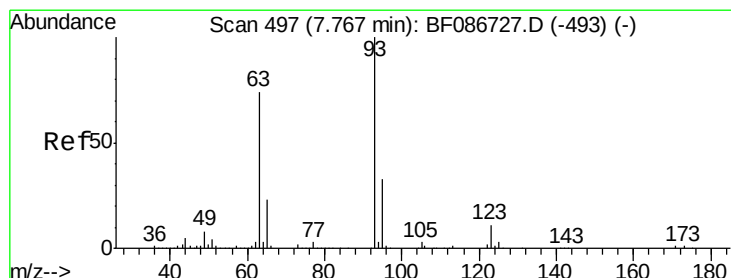
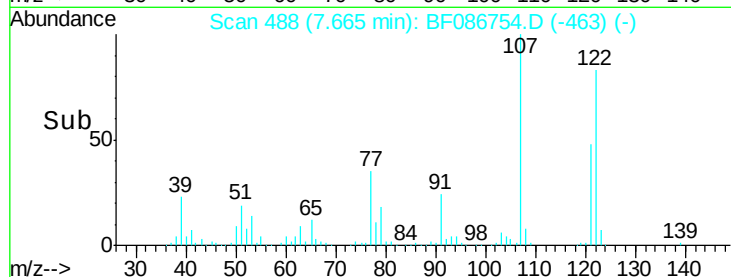
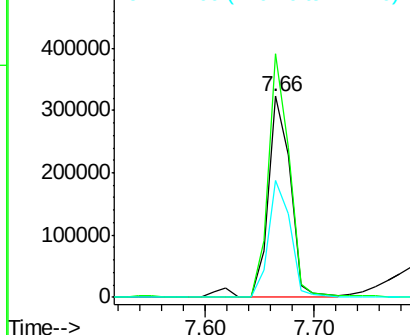
Tgt Ion:	122	Resp:	469304
Ion Ratio	Lower	Upper	
122	100		
107	121.3	82.0	123.0
121	58.4	46.1	69.1

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.16 ng

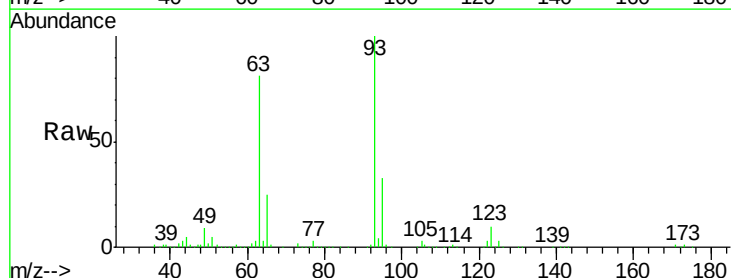
RT: 7.76 min Scan# 496

Delta R.T. -0.01 min

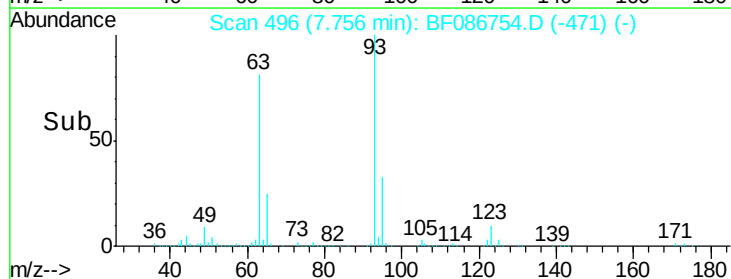
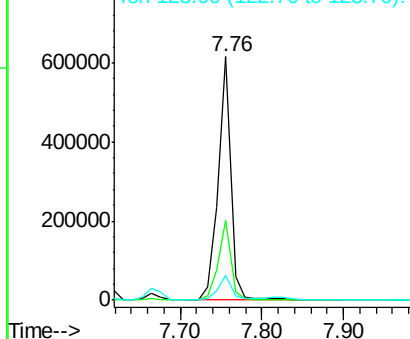
Lab File: BF086754.D

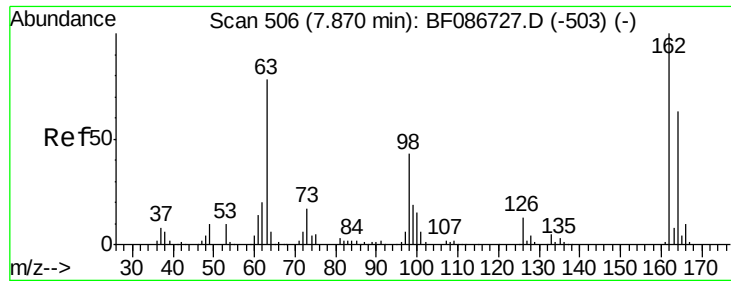
Acq: 7 May 2016 5:39

Tgt Ion:	93	Resp:	662024
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.0	39.0
123	10.3	9.5	14.3



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





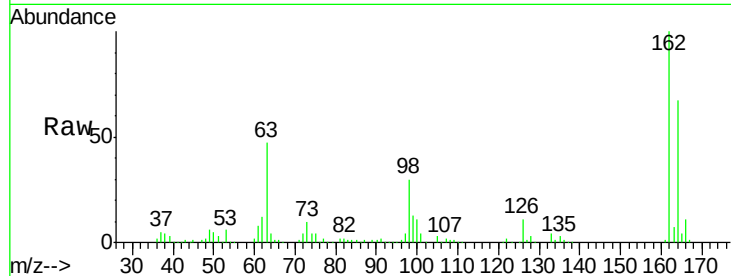
#29
 2,4-Dichlorophenol
 Concen: 41.26 ng
 RT: 7.87 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

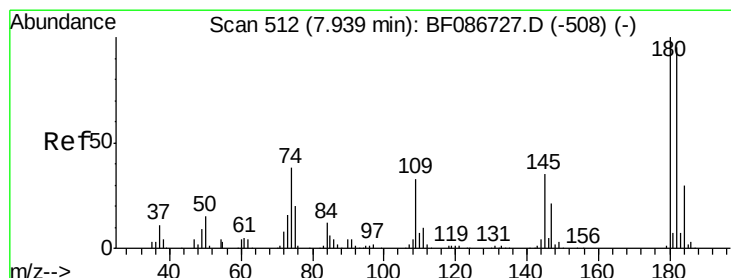
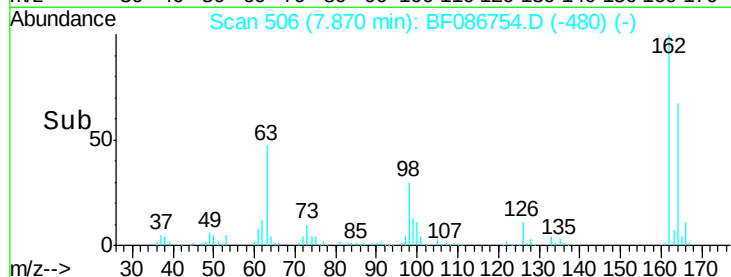
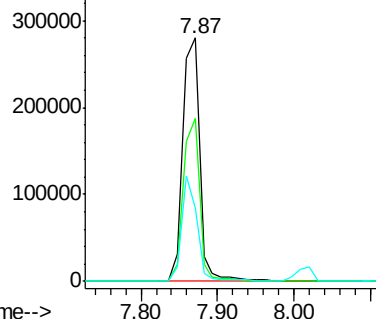
Tgt Ion:	162	Resp:	430032
Ion Ratio	Lower	Upper	
162	100		
164	67.1	42.2	82.2
98	30.2	19.0	59.0

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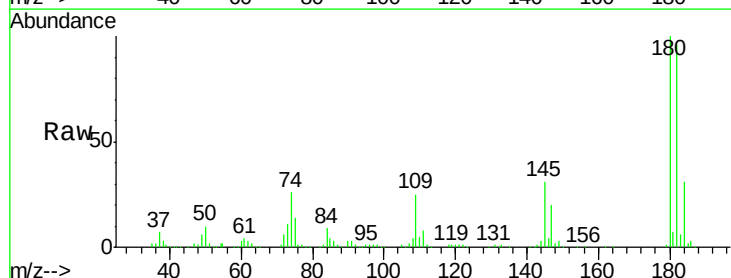


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

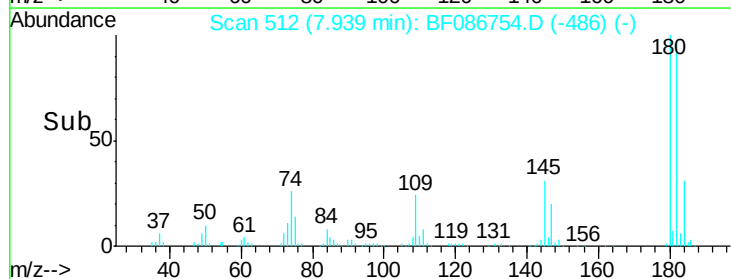
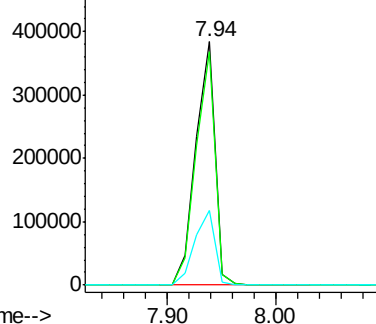


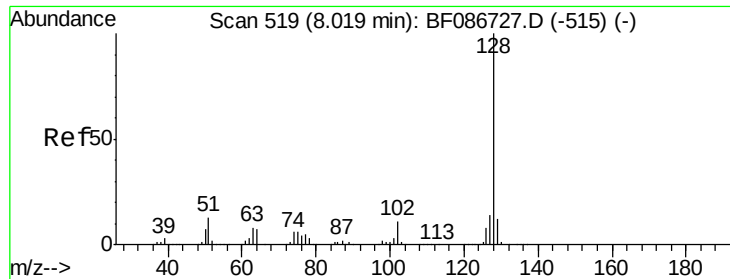
#30
 1,2,4-Trichlorobenzene
 Concen: 40.51 ng
 RT: 7.94 min Scan# 512
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Tgt Ion:	180	Resp:	471002
Ion Ratio	Lower	Upper	
180	100		
182	95.9	78.0	117.0
145	30.7	24.2	36.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





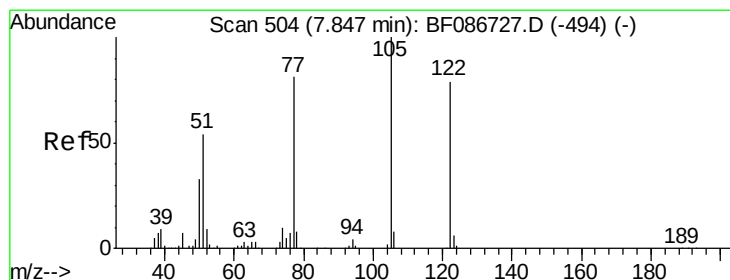
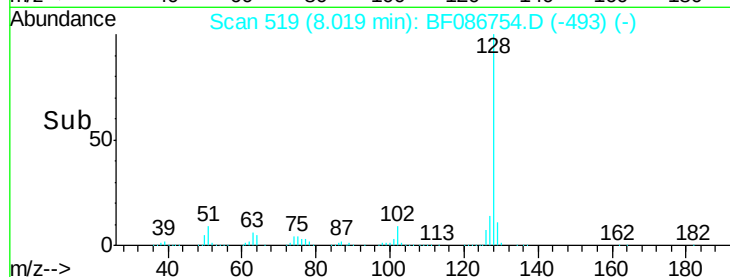
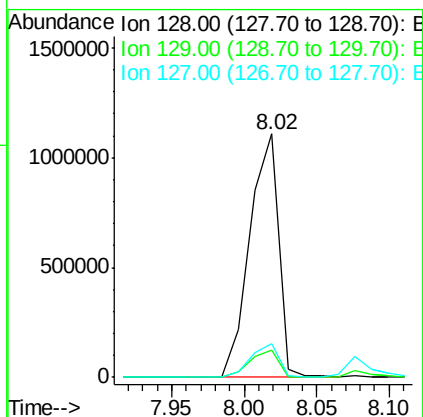
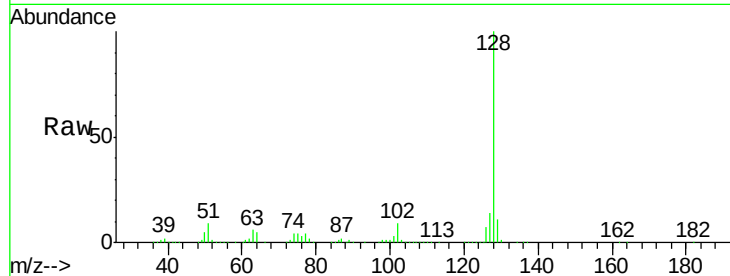
#31
Naphthalene
Concen: 39.05 ng
RT: 8.02 min Scan# 519
Delta R.T. 0.00 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Instrument :
BNA_F
ClientSampleId :
PB90336BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.6	10.8	16.2

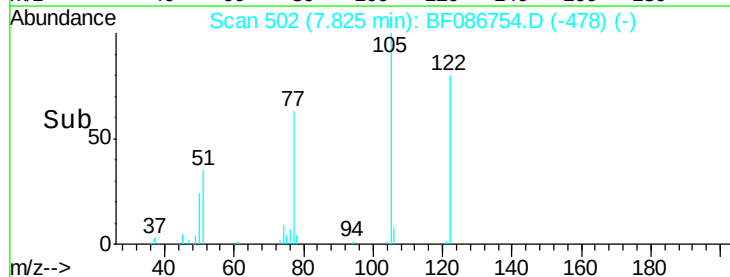
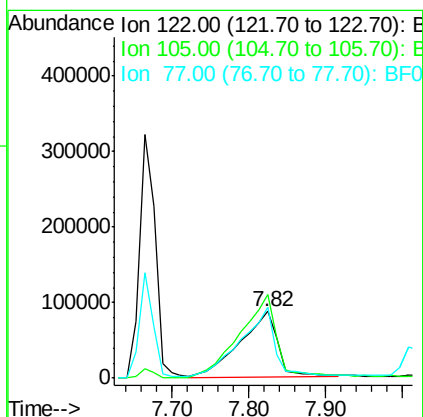
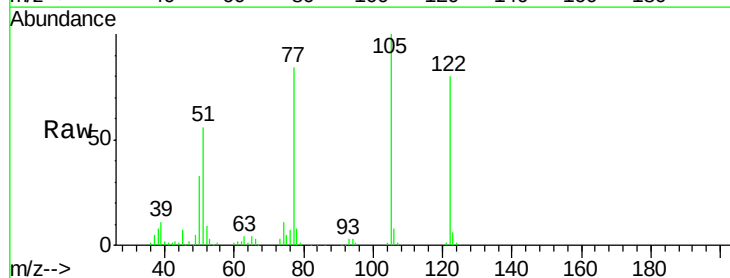
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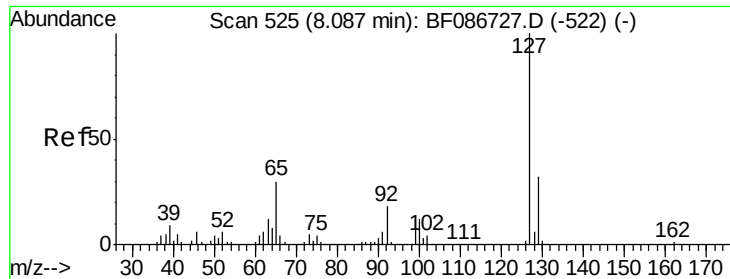
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#32
Benzoic acid
Concen: 59.76 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.02 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.3	92.6	132.6
77	105.2	60.0	100.0#





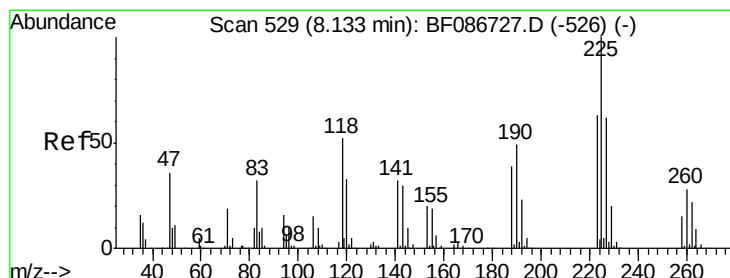
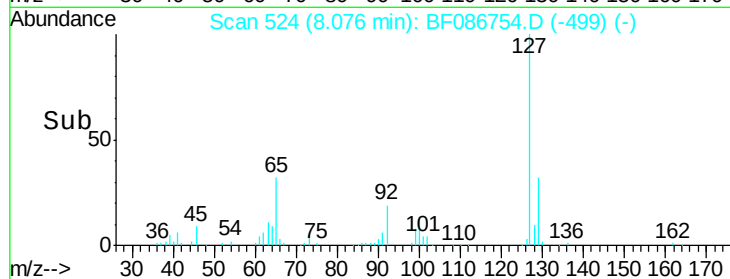
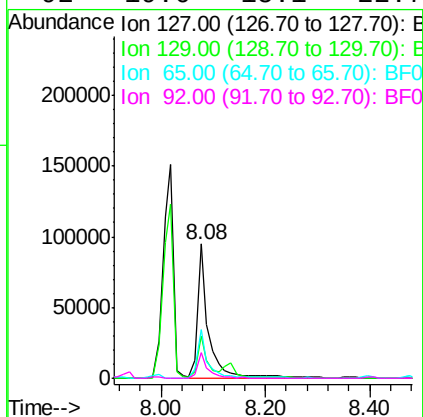
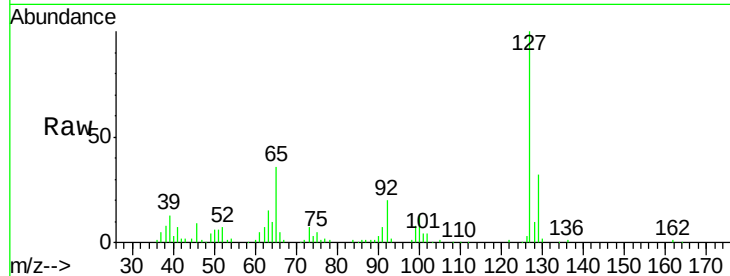
#33
4-Chloroaniline
Concen: 8.90 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Instrument :
BNA_F
ClientSampleId :
PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	26.2	39.4	
65	35.9	23.0	34.4	
92	19.6	15.1	22.7	

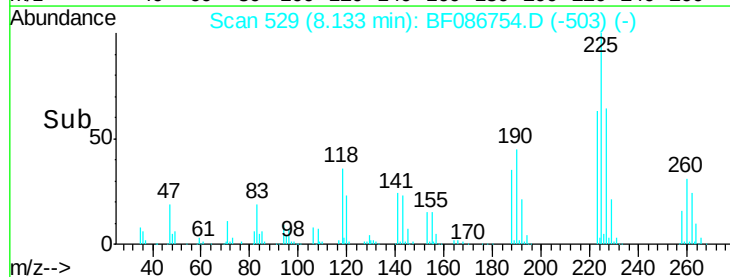
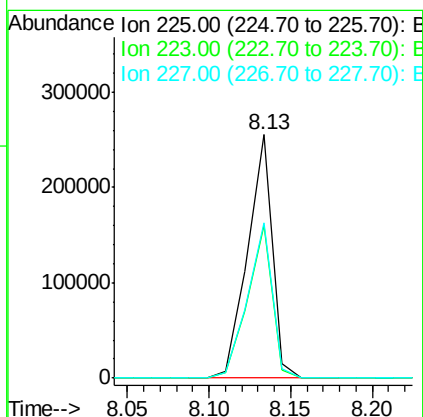
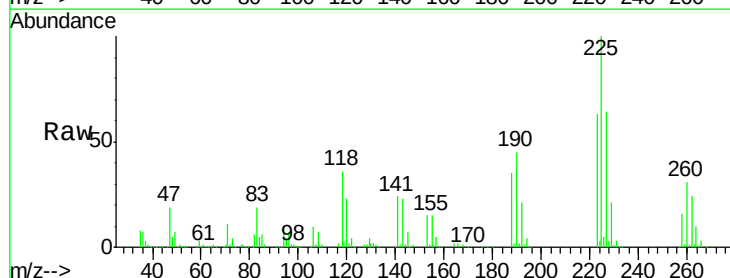
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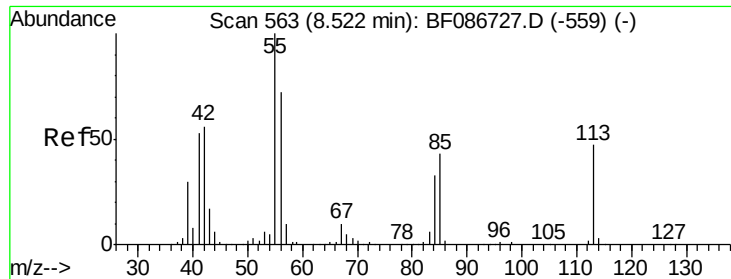
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#34
Hexachlorobutadiene
Concen: 40.59 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	51.5	77.3	
227	63.8	52.2	78.2	





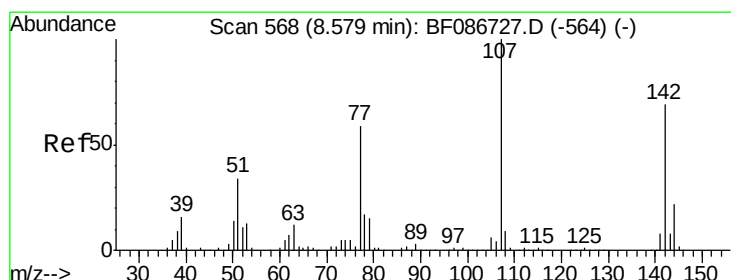
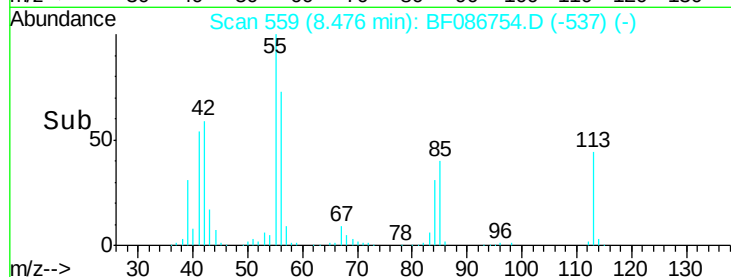
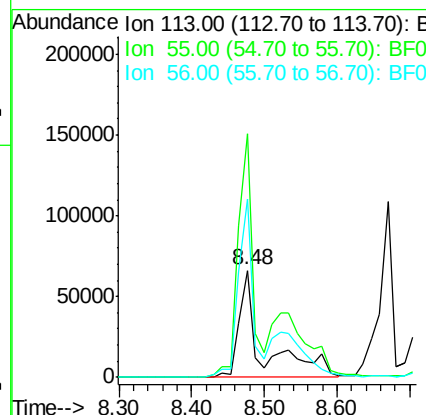
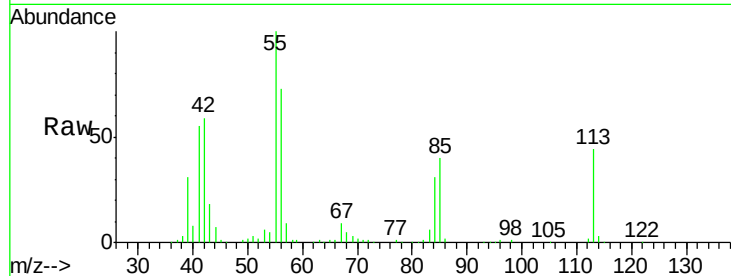
#35
 Caprolactam
 Concen: 46.01 ng m
 RT: 8.48 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	227.4	162.0	202.0#	
56	166.1	115.3	155.3#	

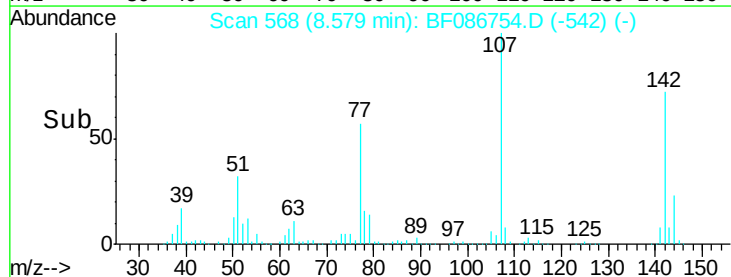
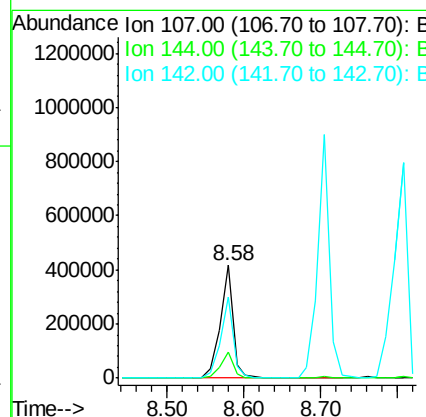
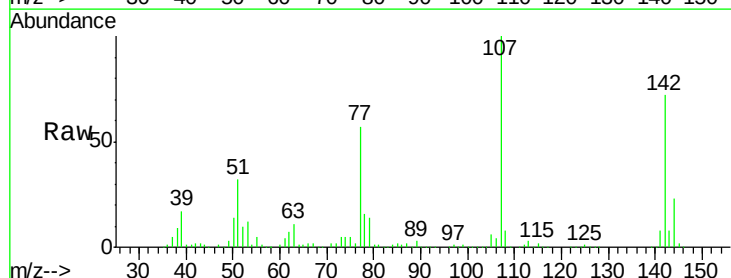
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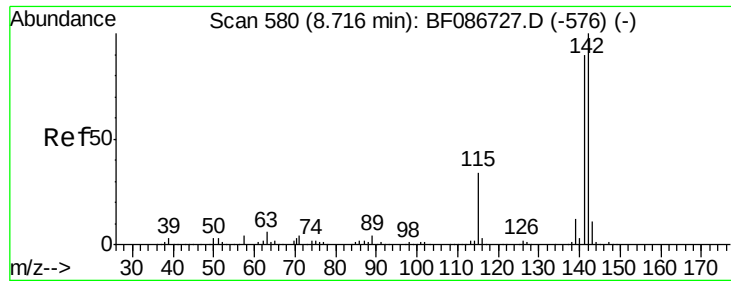
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#36
 4-Chloro-3-methylphenol
 Concen: 40.96 ng
 RT: 8.58 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	23.4	20.7	31.1	
142	72.4	63.2	94.8	





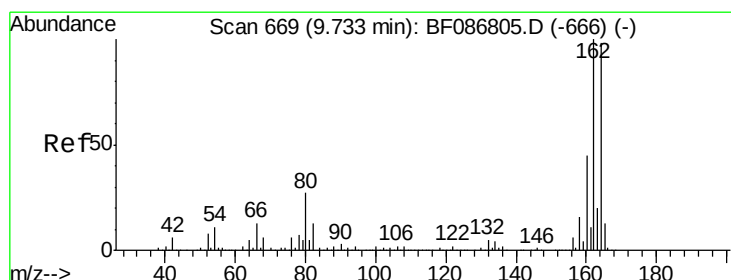
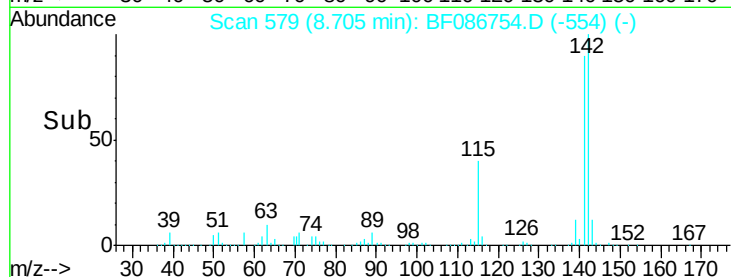
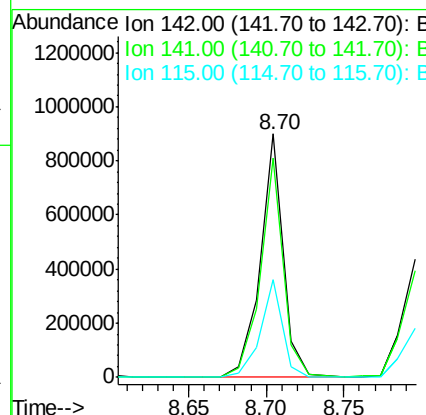
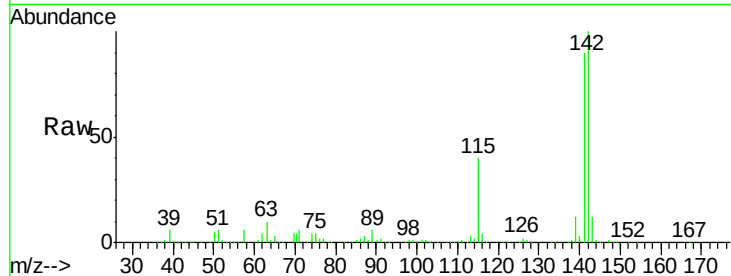
#37
2-Methylnaphthalene
Concen: 40.81 ng m
RT: 8.70 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Instrument :
BNA_F
ClientSampleId :
PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	945987		
141	89.9	71.0	106.6	
115	39.9	26.6	39.8#	

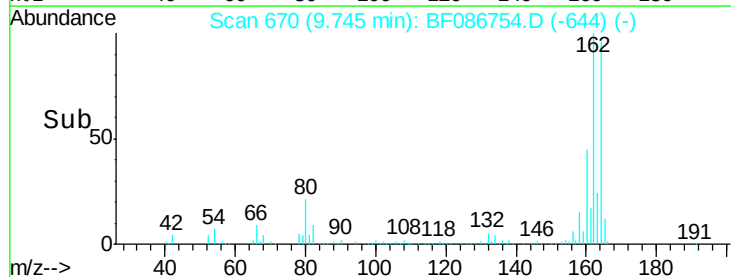
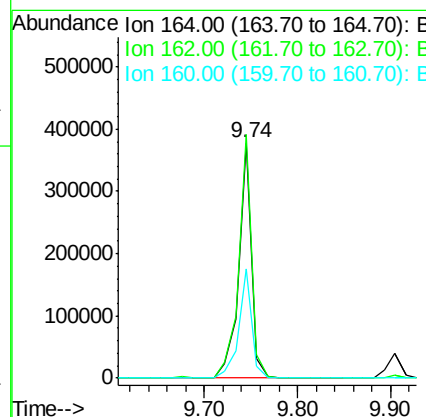
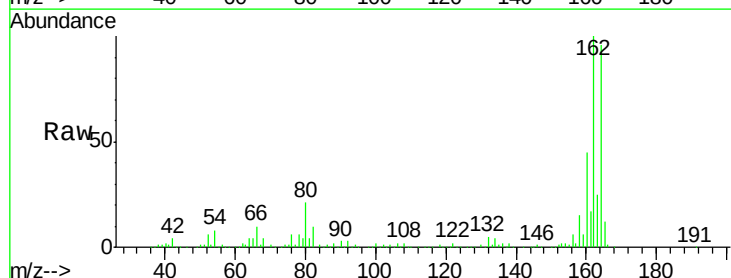
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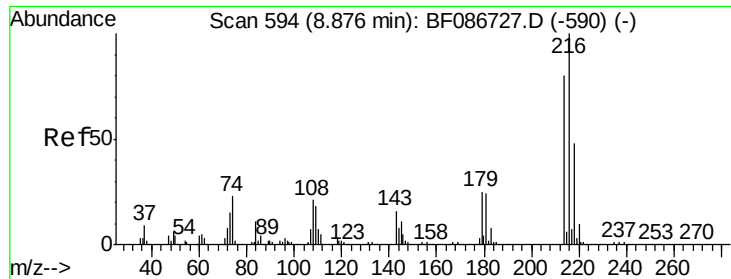
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#38
Acenaphthene-d10
Concen: 40.00 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	364564		
162	103.7	82.8	124.2	
160	46.6	36.9	55.3	





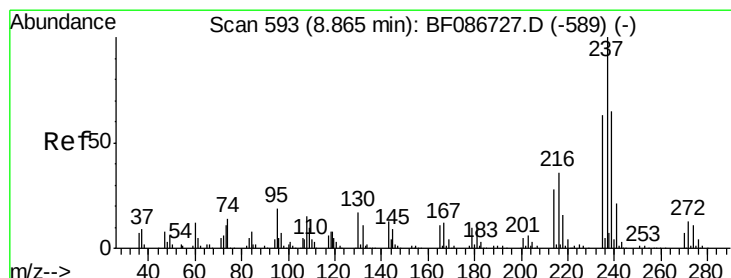
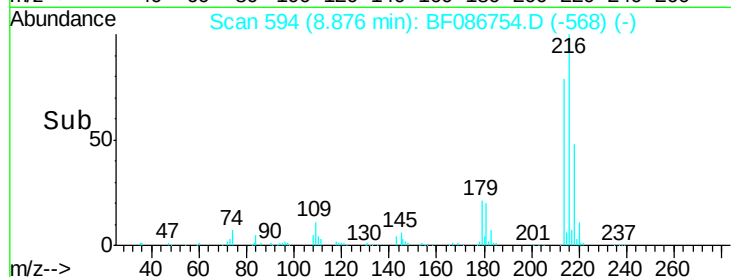
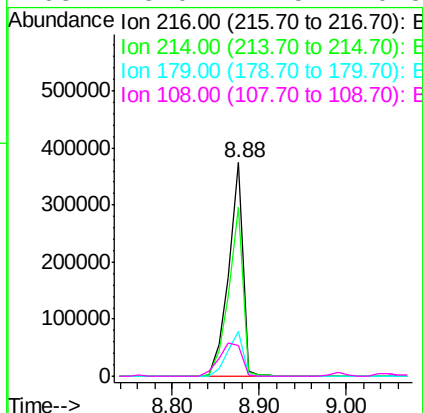
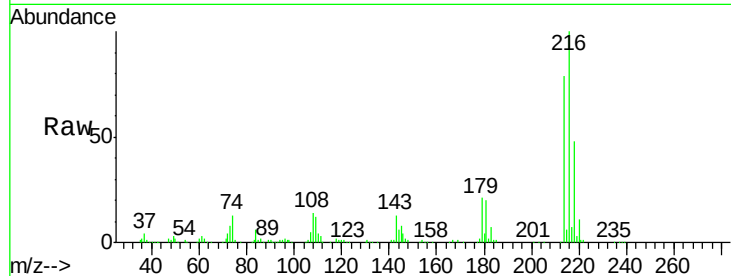
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.38 ng
 RT: 8.88 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	426119		
214	79.5	62.6	93.8	
179	22.9	18.2	27.4	
108	25.0	17.5	26.3	

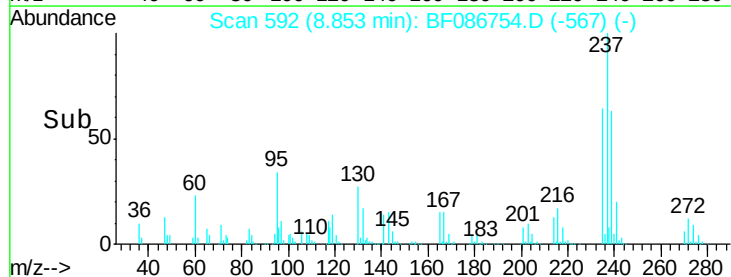
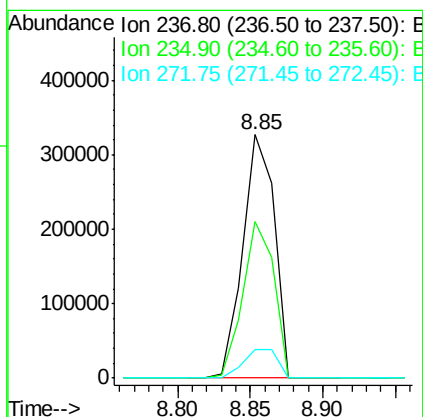
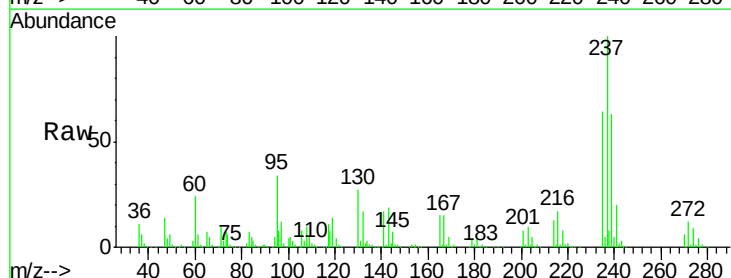
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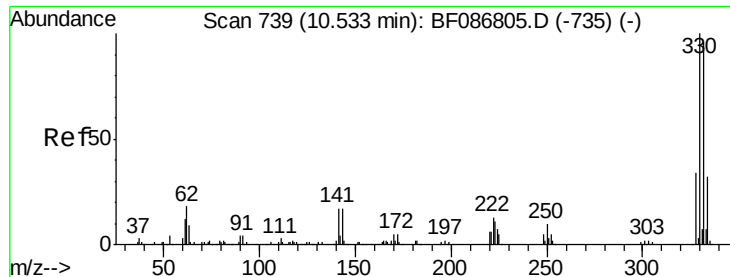
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#40
 Hexachlorocyclopentadiene
 Concen: 99.63 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	492490		
235	64.1	47.2	87.2	
272	12.0	0.0	31.1	





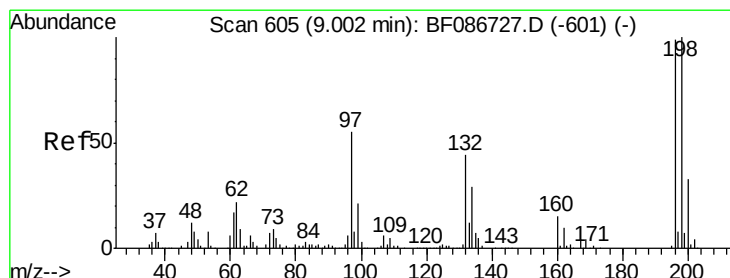
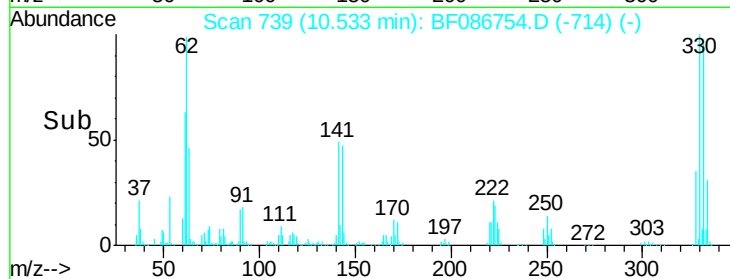
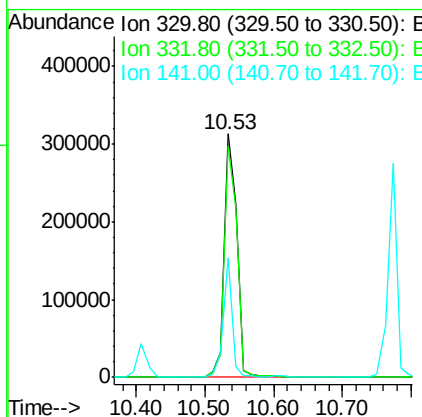
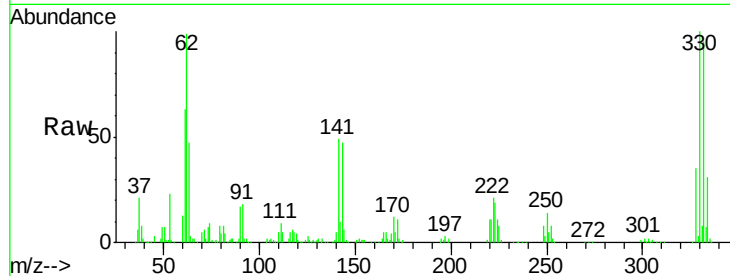
#41
 2,4,6-Tribromophenol
 Concen: 115.21 ng
 RT: 10.53 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	410883		
332	96.1	79.0	118.4	
141	35.4	31.2	46.8	

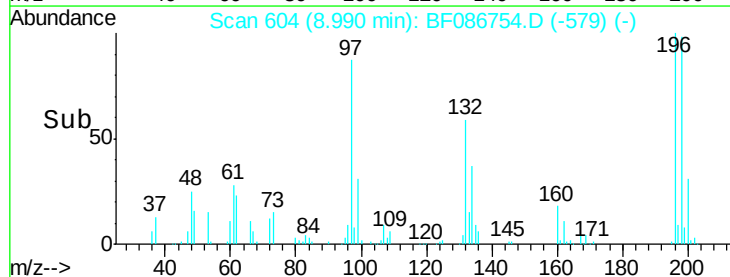
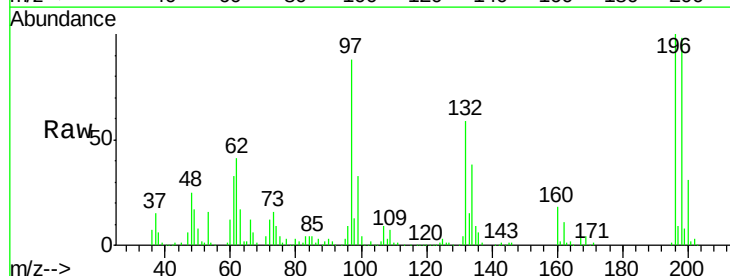
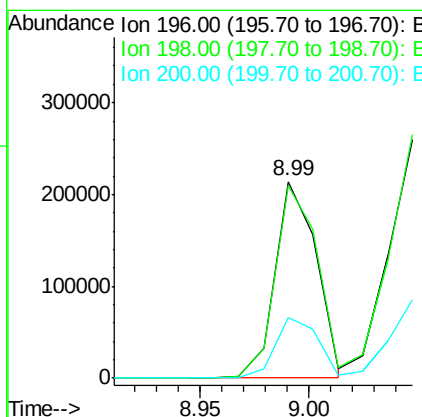
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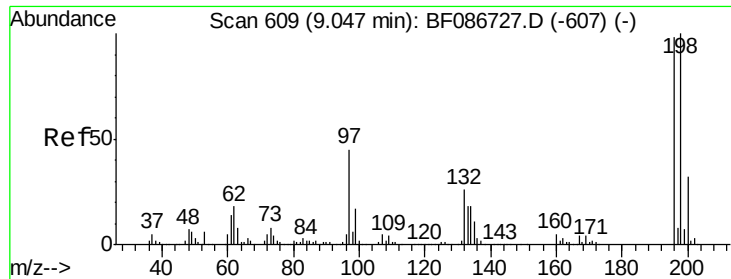
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 42.58 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

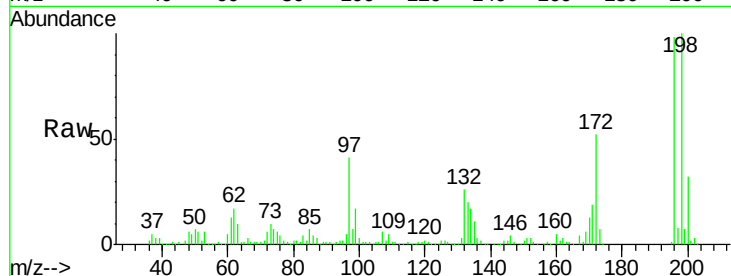
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	285726		
198	98.1	74.7	112.1	
200	31.0	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 43.43 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

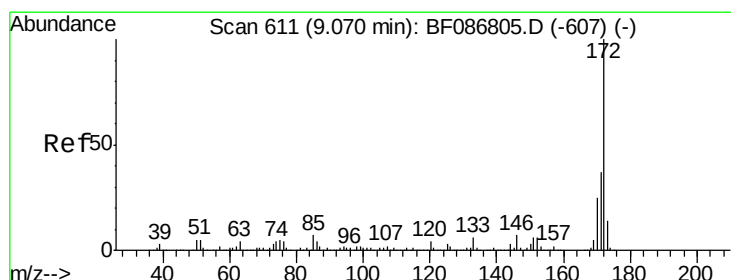
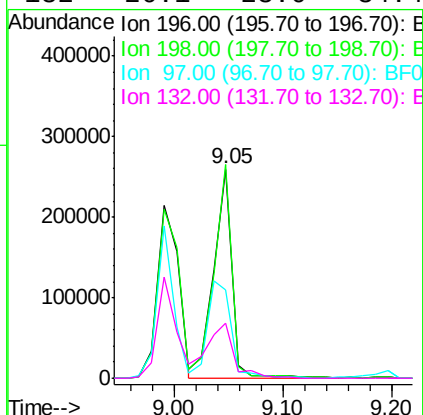
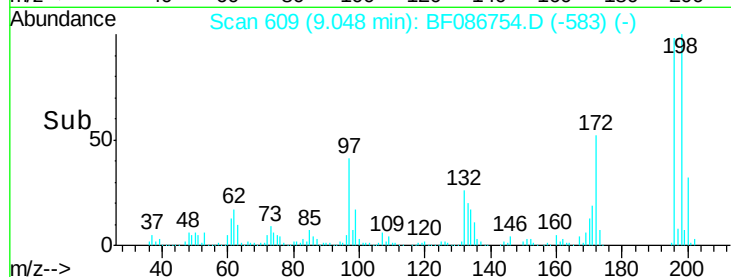
Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS



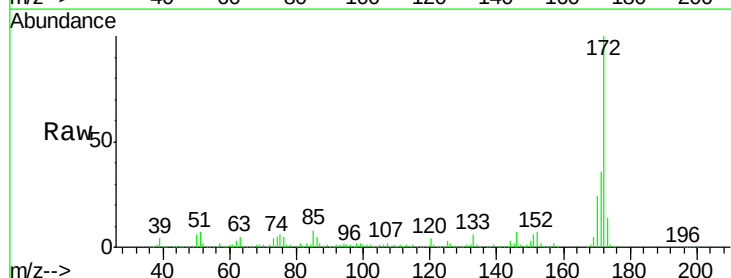
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	304478		
198	102.1	77.5	116.3	
97	42.0	34.8	52.2	
132	26.1	23.0	34.4	

Manual Integrations
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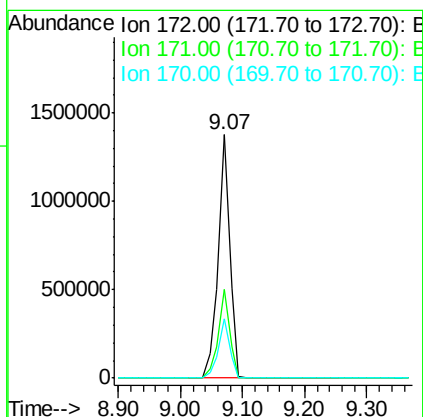
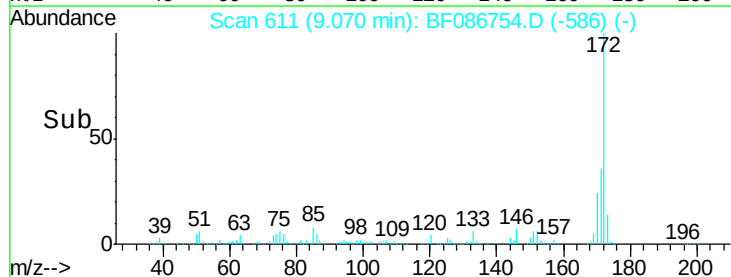
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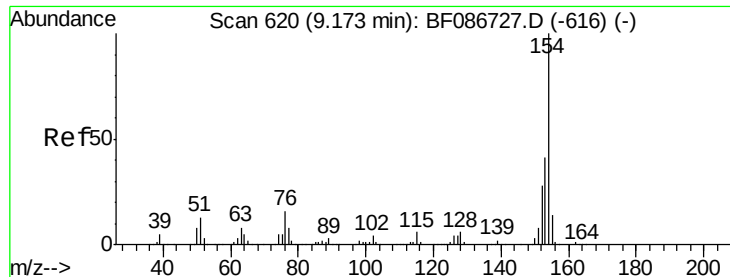


#44
 2-Fluorobiphenyl
 Concen: 78.69 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1750123		
171	36.3	29.0	43.6	
170	24.5	19.8	29.8	





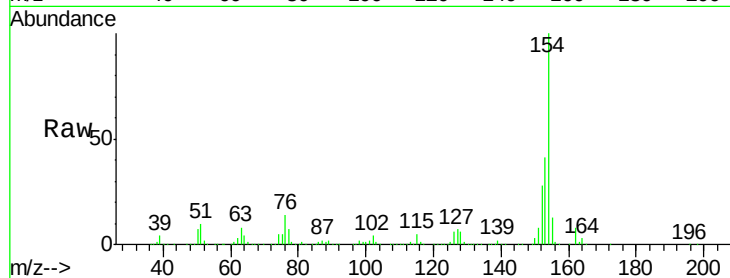
#45
 1,1'-Biphenyl
 Concen: 41.52 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

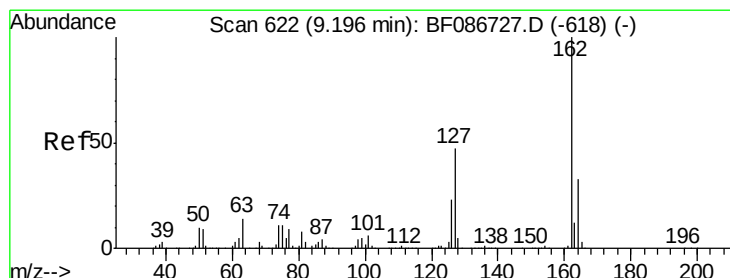
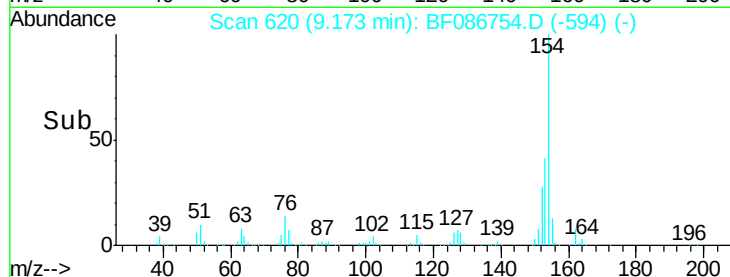
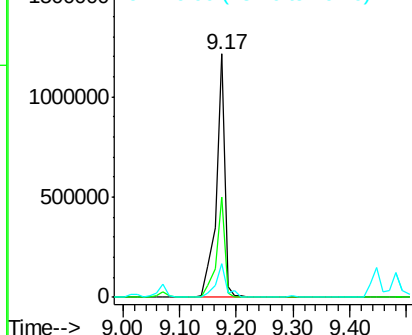
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.3	60.3
76	13.6	0.0	30.2

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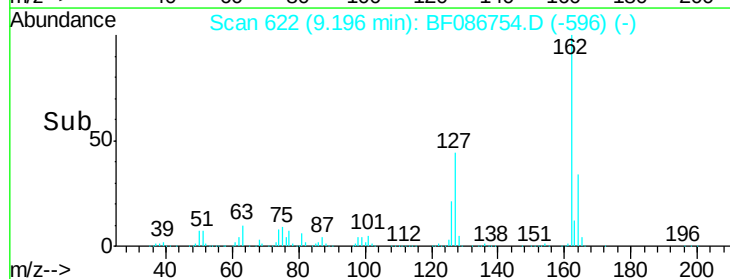
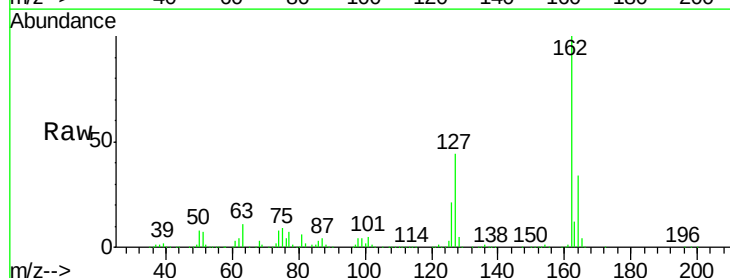
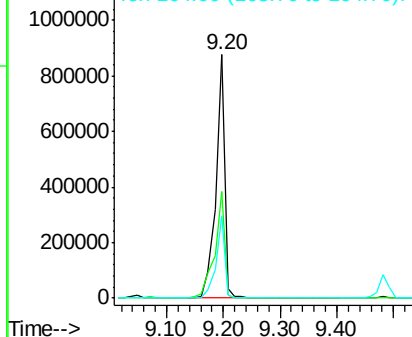
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

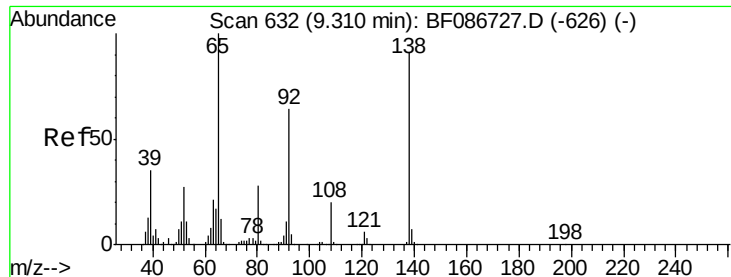


#46
 2-Chloronaphthalene
 Concen: 40.20 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.8	31.8	47.6
164	33.7	27.0	40.6

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: 36.91 ng

RT: 9.30 min Scan# 631

Delta R.T. -0.01 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Instrument :

BNA_F

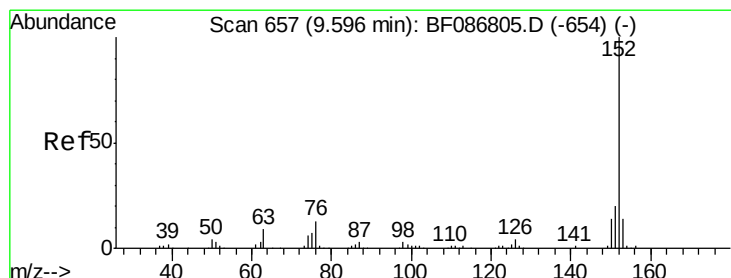
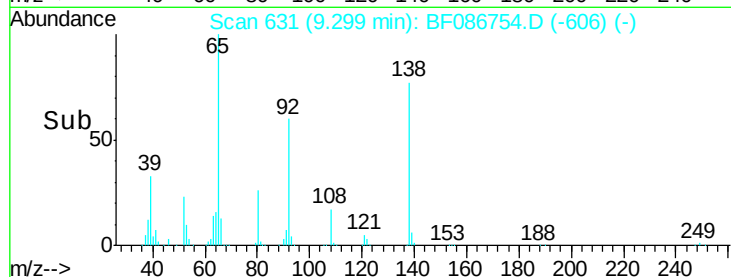
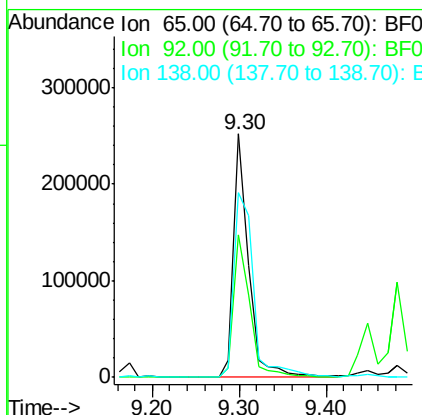
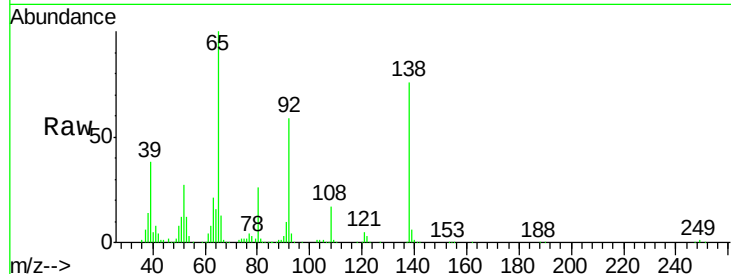
ClientSampleId :

PB90336BS

Tgt Ion:	65	Resp:	301790
Ion Ratio	Lower	Upper	
65	100		
92	58.8	57.4	86.2
138	75.9	90.1	135.1#

Manual Integrations
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#48

Acenaphthylene

Concen: 39.23 ng

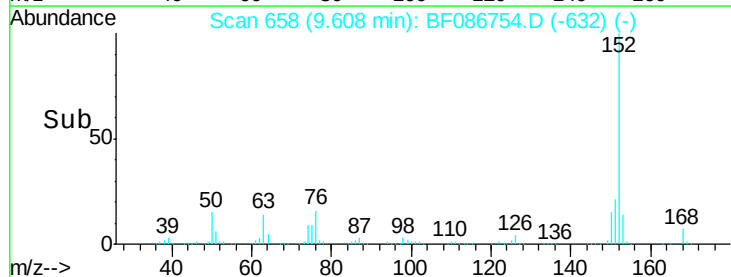
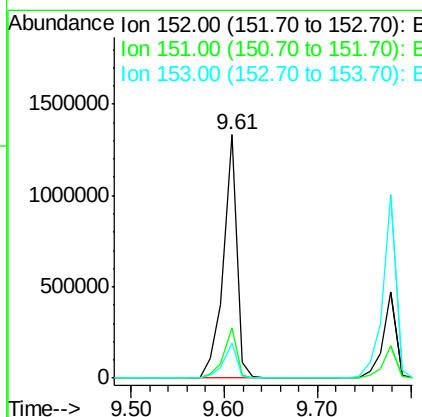
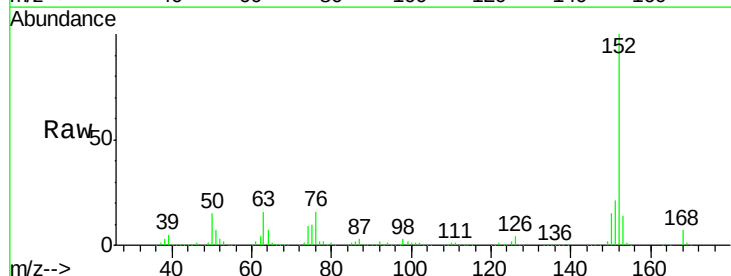
RT: 9.61 min Scan# 658

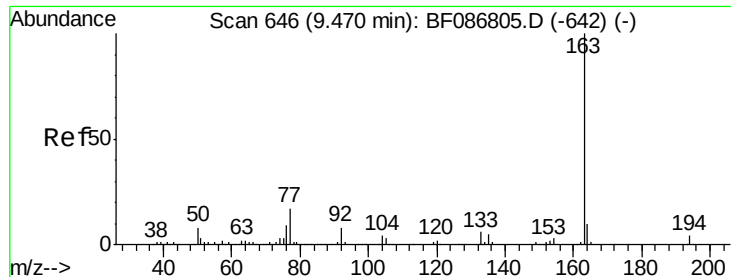
Delta R.T. 0.00 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Tgt Ion:	152	Resp:	1339462
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.8	25.2
153	14.3	10.9	16.3





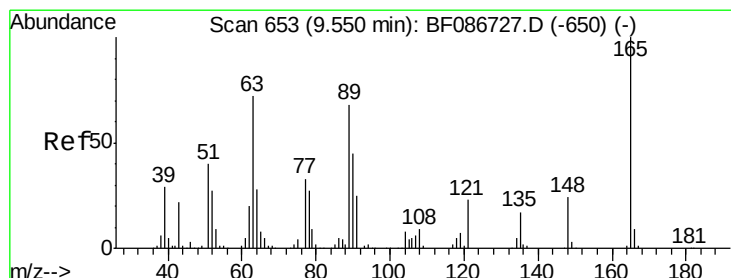
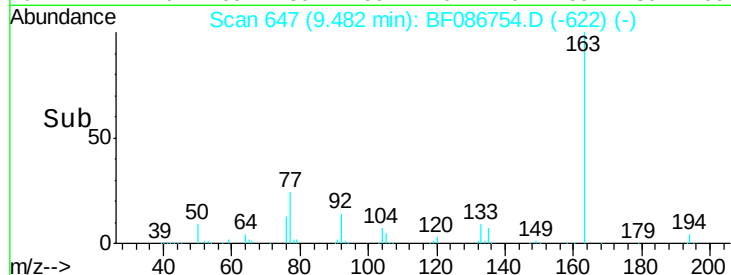
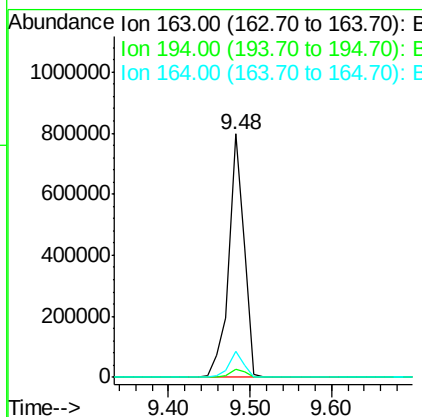
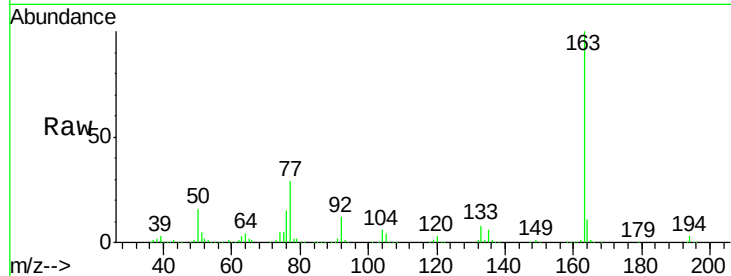
#49
Dimethylphthalate
Concen: 37.97 ng
RT: 9.48 min Scan# 647
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Instrument :
BNA_F
ClientSampleId :
PB90336BS

Tgt Ion:163 Resp: 1031926
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.7 8.2 12.4

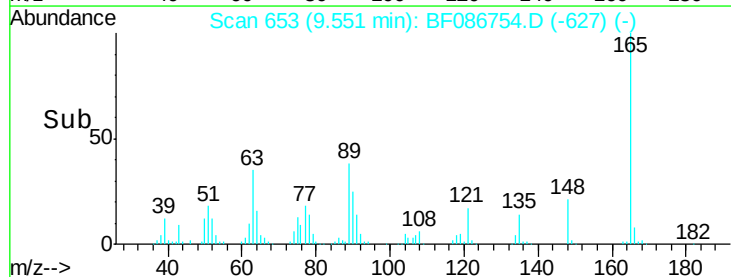
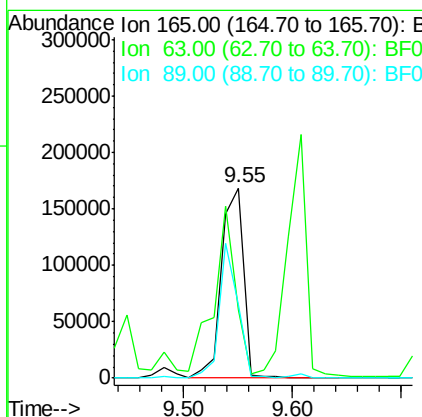
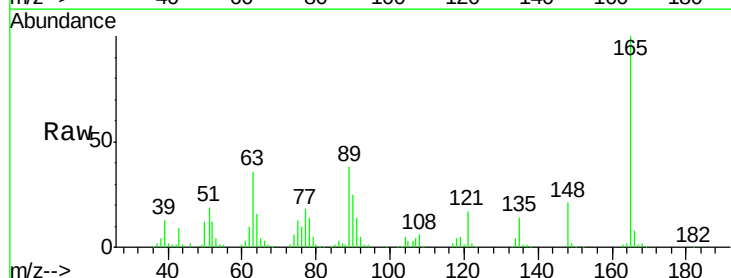
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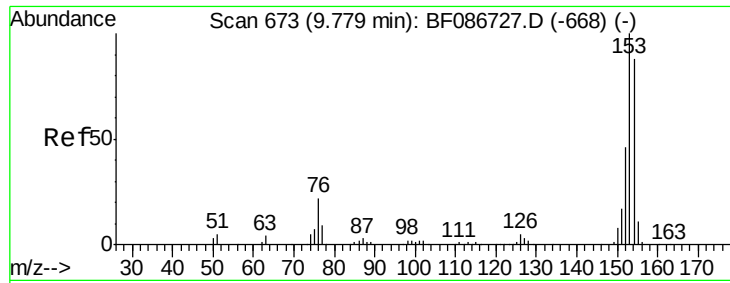
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#50
2,6-Dinitrotoluene
Concen: 40.57 ng
RT: 9.55 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion:165 Resp: 236634
Ion Ratio Lower Upper
165 100
63 35.8 51.8 77.8#
89 38.3 50.7 76.1#





#51

Acenaphthene

Concen: 38.54 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF086754.D

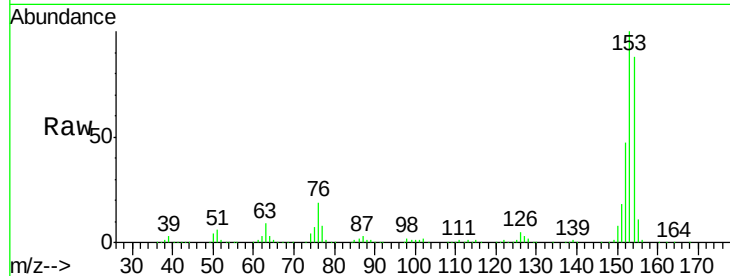
Acq: 7 May 2016 5:39

Instrument :

BNA_F

ClientSampleId :

PB90336BS



Tgt Ion:154 Resp: 868048

Ion Ratio Lower Upper

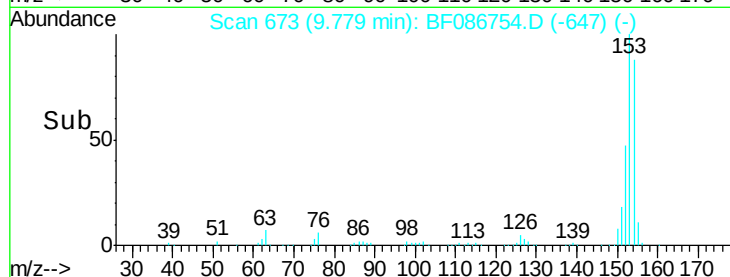
154 100

153 113.7 89.8 134.6

152 53.4 43.4 65.0

Manual Integrations
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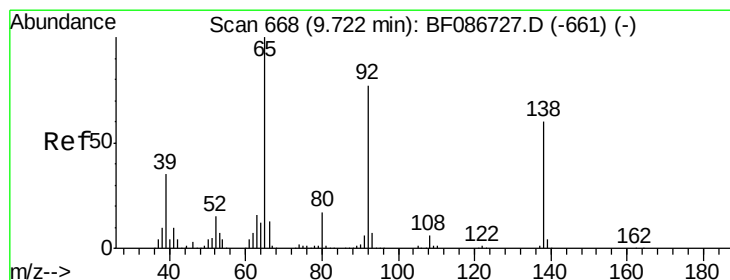
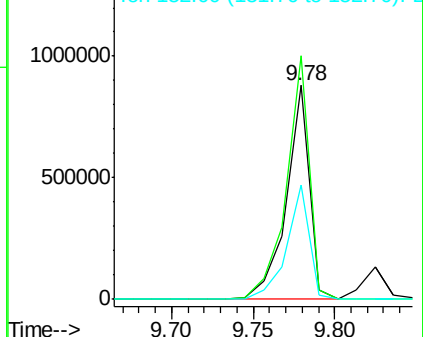
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.38 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.01 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

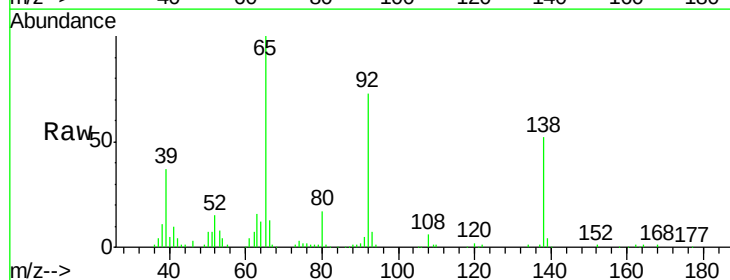
Tgt Ion:138 Resp: 101984

Ion Ratio Lower Upper

138 100

108 11.7 7.8 11.6#

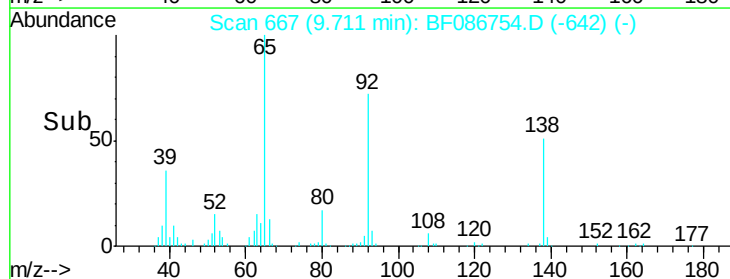
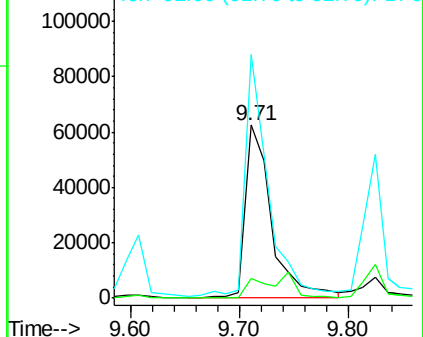
92 140.6 87.8 131.8#

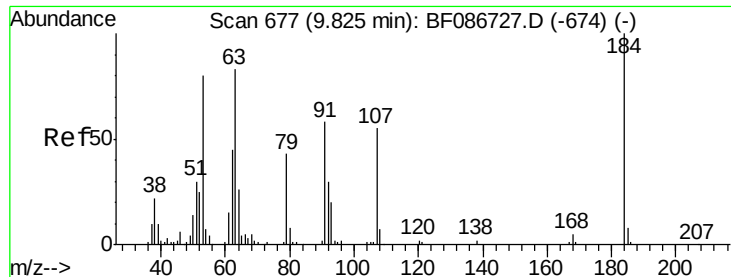


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





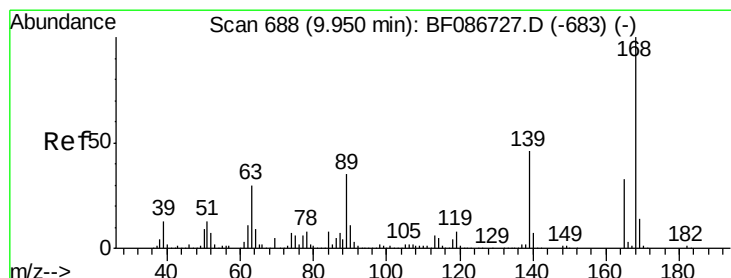
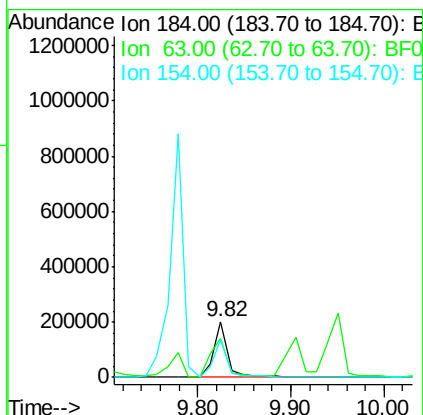
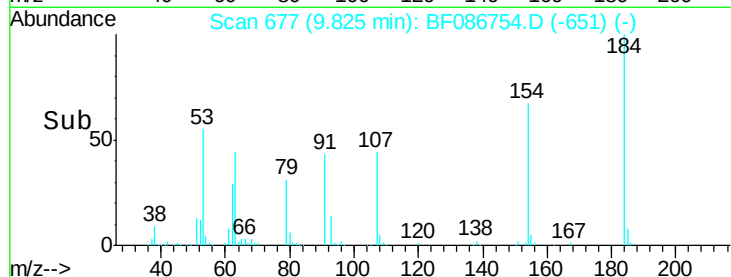
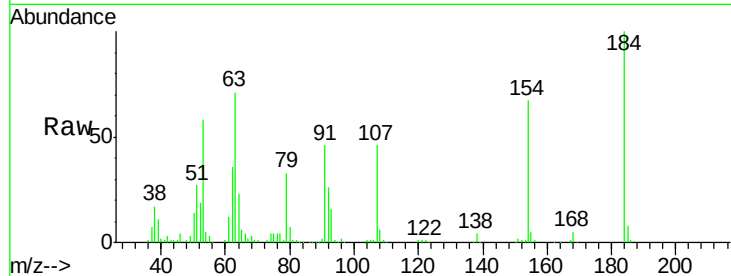
#53
2,4-Dinitrophenol
Concen: 84.54 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Instrument :
BNA_F
ClientSampleId :
PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	210062		
63	70.8	55.8	83.8	
154	67.2	62.4	93.6	

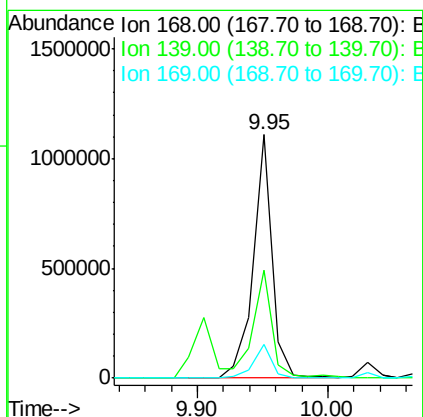
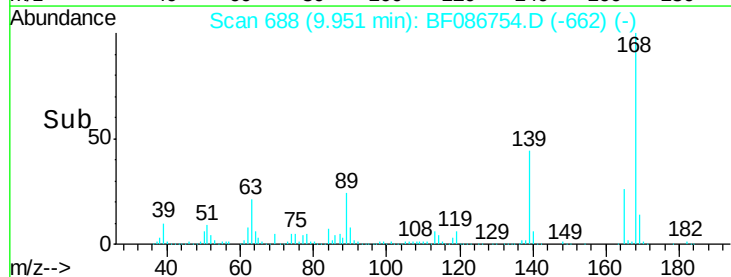
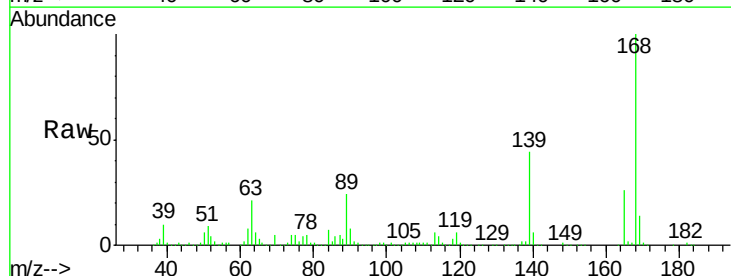
Manual Integrations
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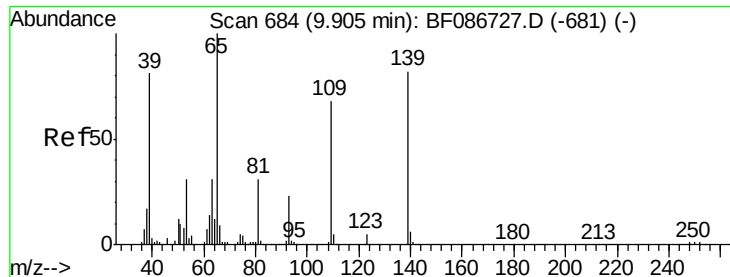
Sohil
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#54
Dibenzofuran
Concen: 40.09 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1119200		
139	44.3	31.4	47.0	
169	13.8	10.7	16.1	





#55

4-Nitrophenol

Concen: 73.89 ng

RT: 9.90 min Scan# 684

Delta R.T. 0.00 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Instrument :

BNA_F

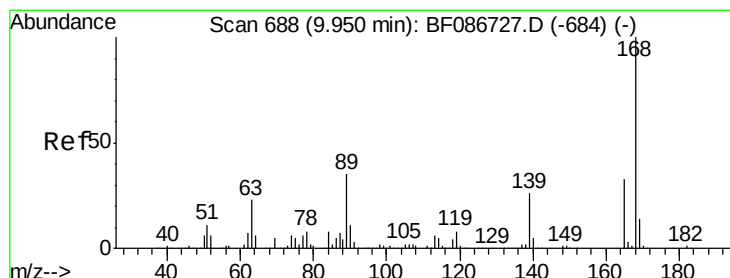
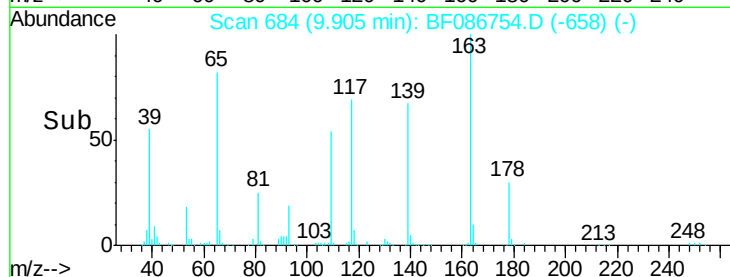
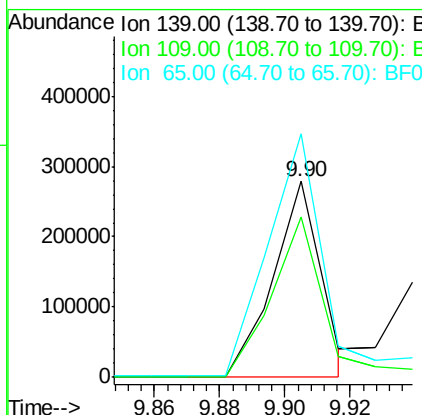
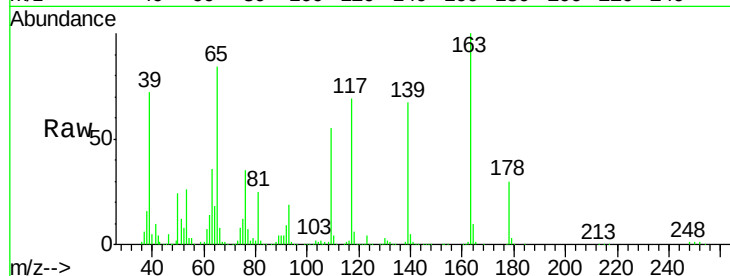
ClientSampleId :

PB90336BS

Tgt Ion:	139	Resp:	285634
Ion Ratio	Lower	Upper	
139	100		
109	81.6	36.9	76.9#
65	124.3	64.0	104.0#

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 40.37 ng

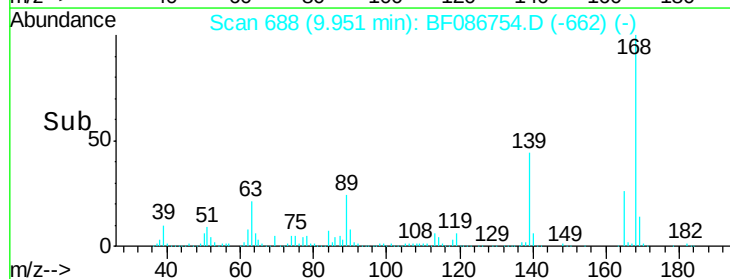
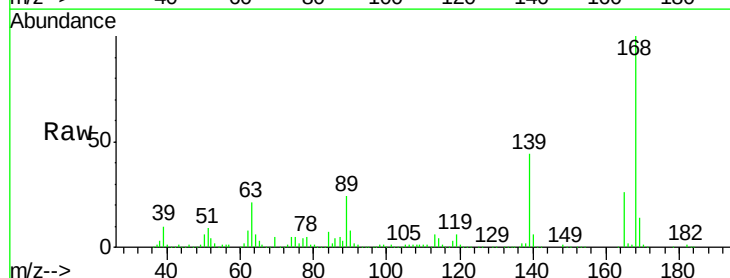
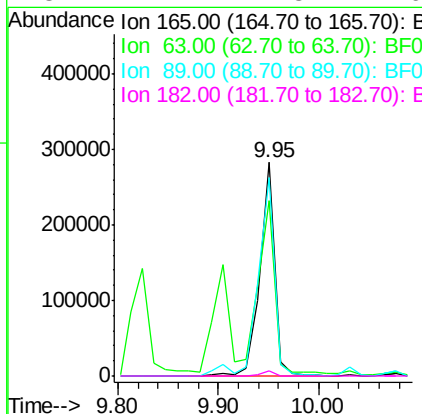
RT: 9.95 min Scan# 688

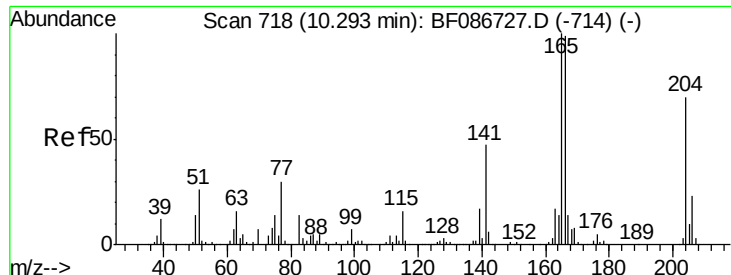
Delta R.T. 0.00 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Tgt Ion:	165	Resp:	291754
Ion Ratio	Lower	Upper	
165	100		
63	82.2	44.3	66.5#
89	93.0	70.0	105.0
182	2.4	1.8	2.6





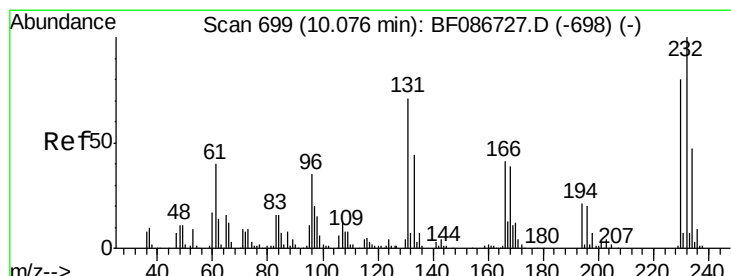
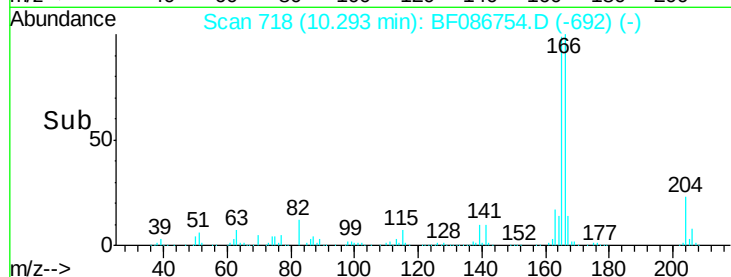
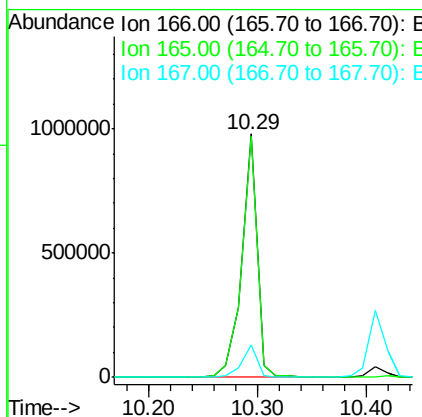
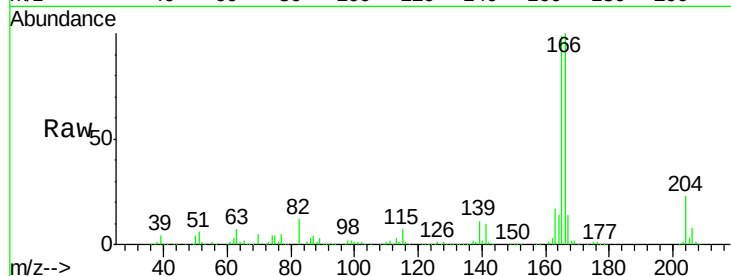
#57
Fluorene
 Concen: 41.86 ng
 RT: 10.29 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

Tgt Ion:	166	Resp:	947012
Ion Ratio	Lower	Upper	
166	100		
165	99.0	79.0	118.6
167	13.5	10.6	15.8

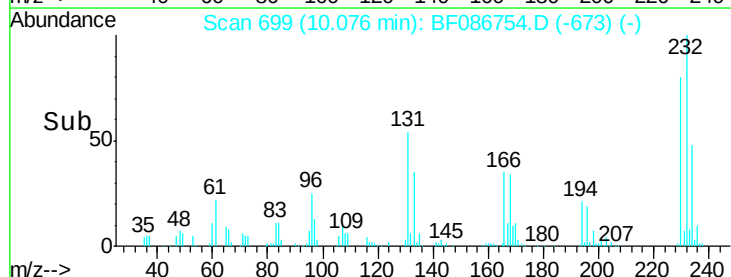
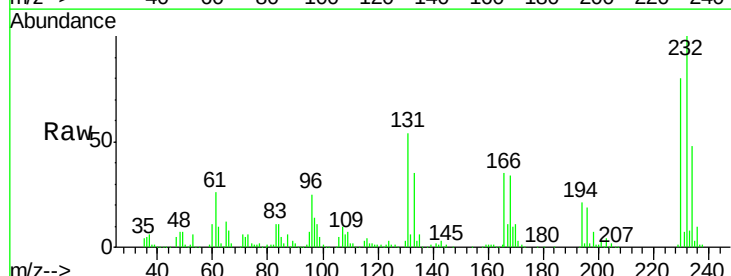
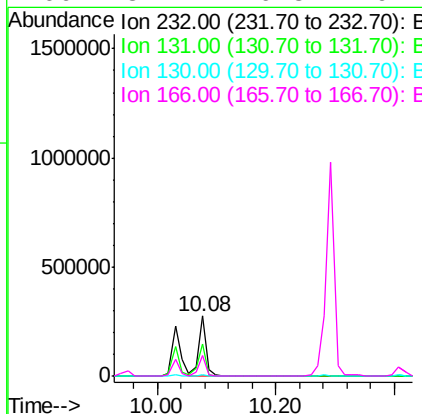
Manual Integrations
 APPROVED

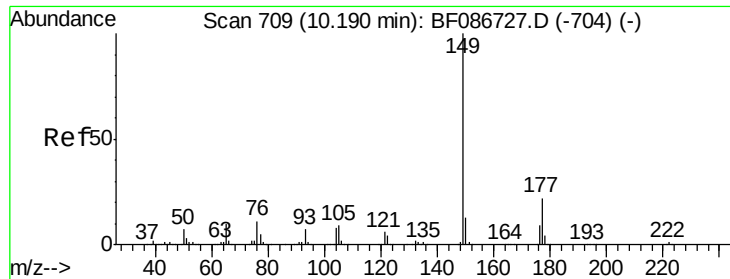
Sohil
 5/9/2016 7:17:27 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.96 ng
 RT: 10.08 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Tgt Ion:	232	Resp:	246919
Ion Ratio	Lower	Upper	
232	100		
131	55.5	41.9	62.9
130	3.0	2.2	3.4
166	34.4	26.8	40.2





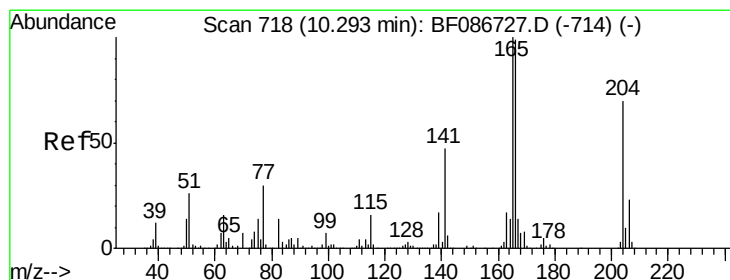
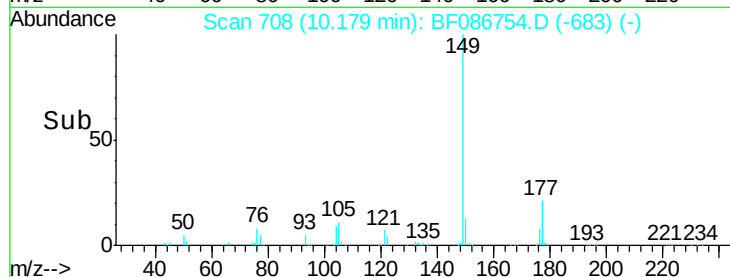
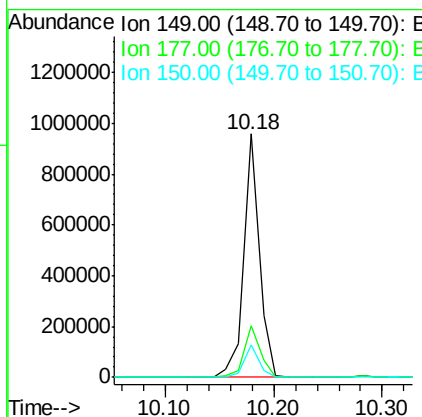
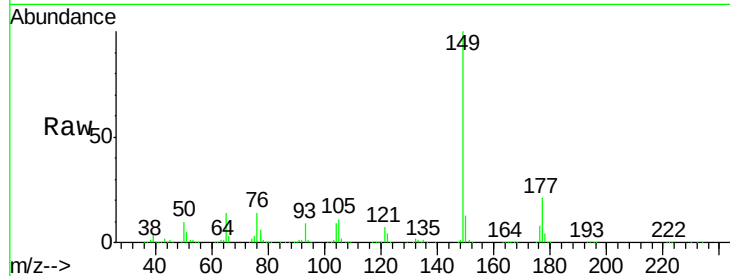
#59
Diethylphthalate
Concen: 36.97 ng
RT: 10.18 min Scan# 708
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Instrument :
BNA_F
ClientSampleId :
PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	951085		
177	21.0	16.6	24.8	
150	13.1	10.0	15.0	

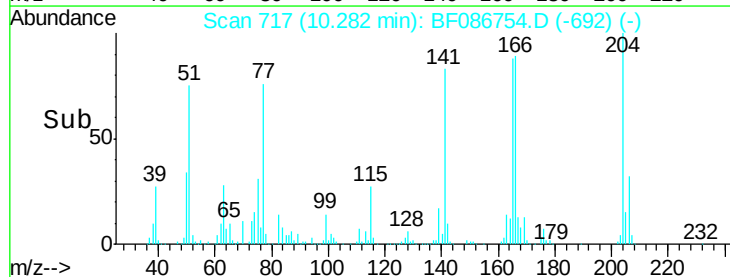
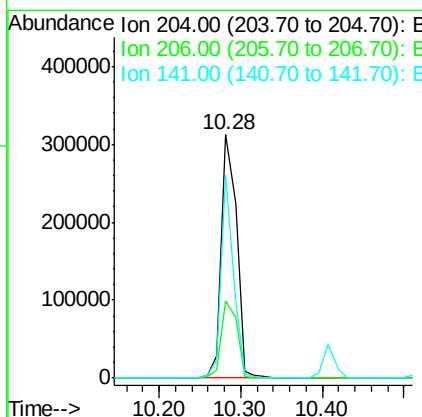
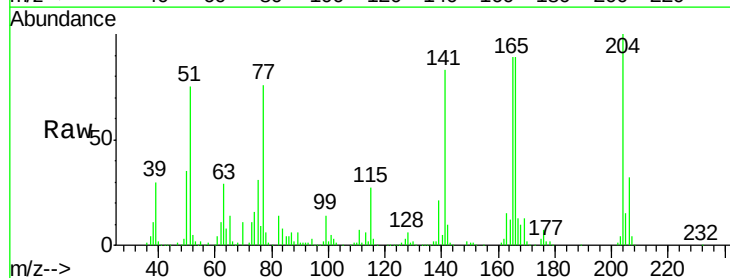
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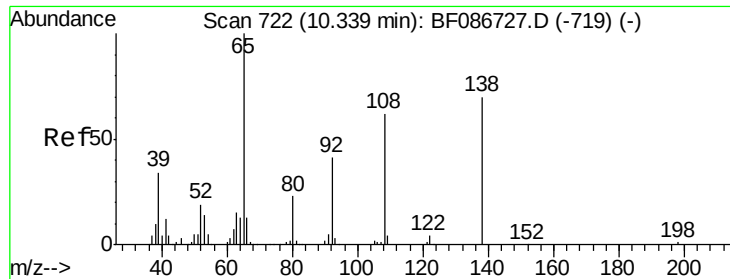
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 37.35 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	401756		
206	31.7	25.4	38.0	
141	83.1	61.6	92.4	





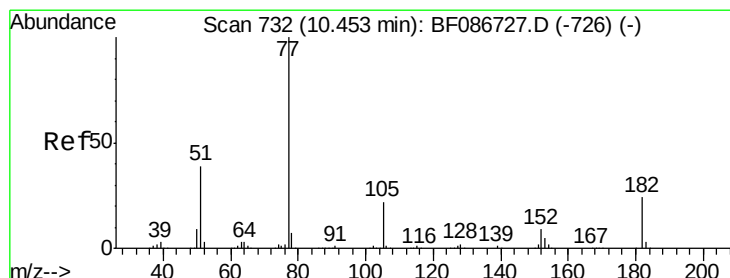
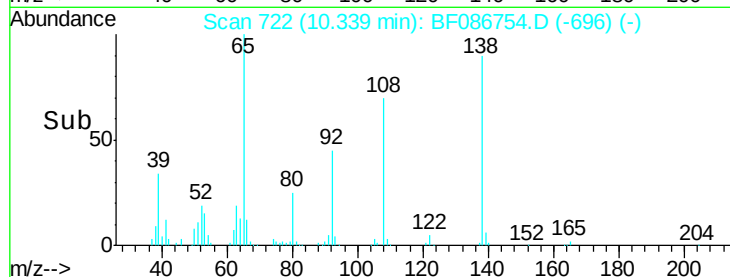
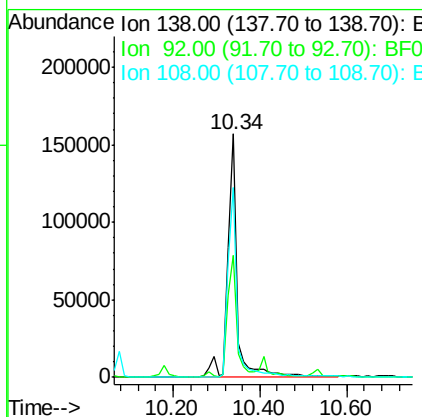
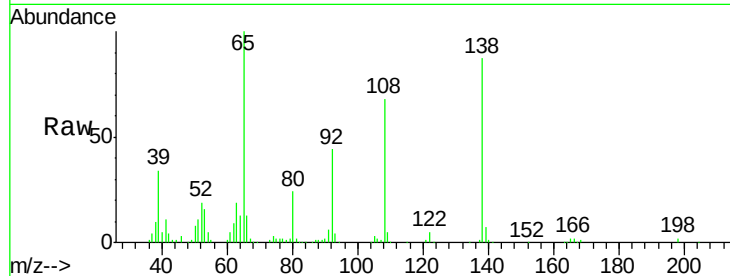
#61
4-Nitroaniline
Concen: 37.03 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Instrument :
BNA_F
ClientSampleId :
PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	235926		
92	50.2	24.7	64.7	
108	78.2	37.4	77.4#	

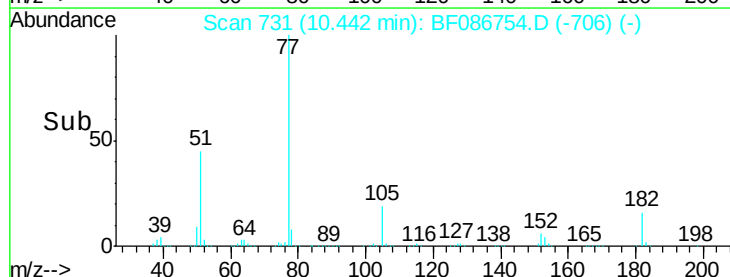
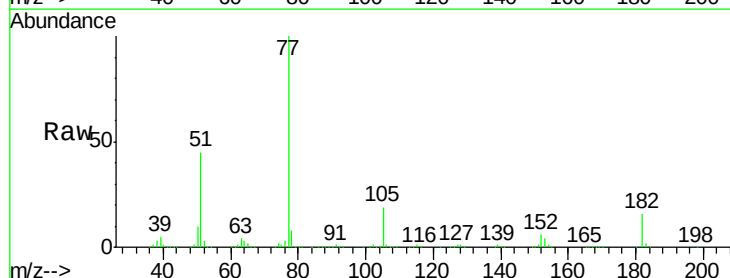
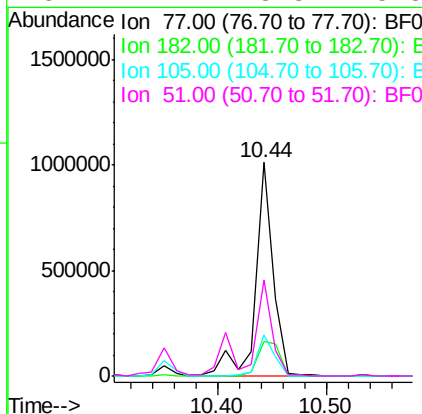
Manual Integrations
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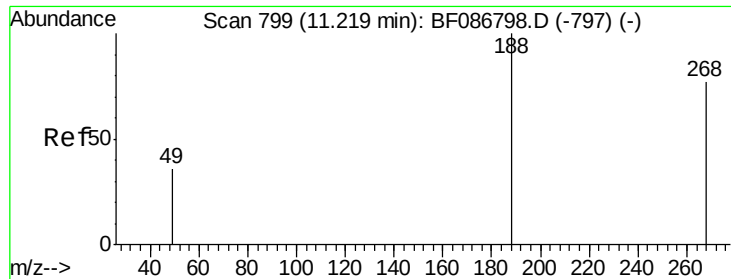
Sohil
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#62
Azobenzene
Concen: 40.34 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1149746		
182	16.3	0.0	38.8	
105	19.4	3.2	43.2	
51	44.7	8.8	48.8	





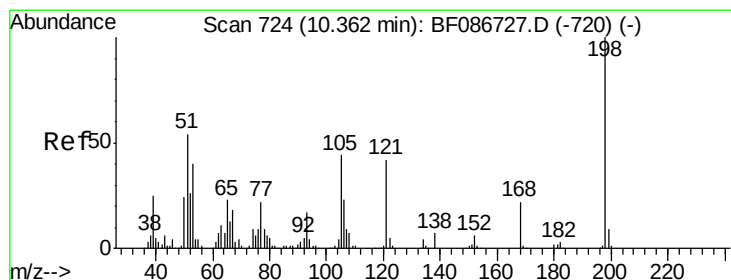
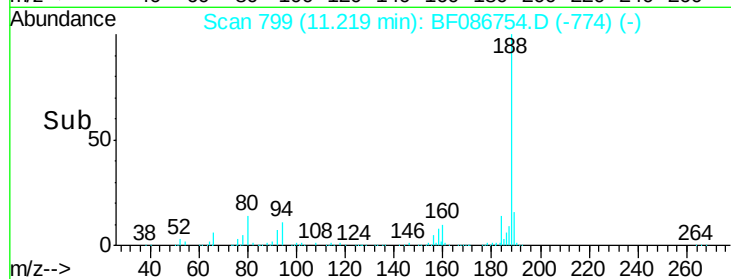
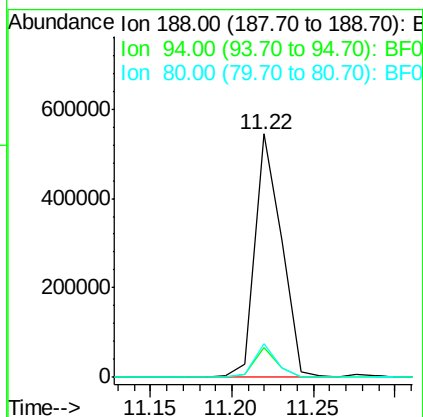
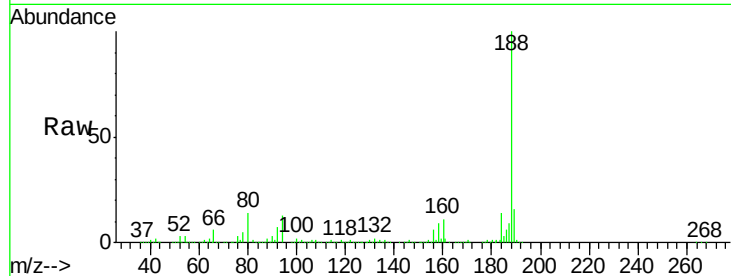
#63
Phenanthrene-d10
Concen: 40.00 ng
RT: 11.22 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Instrument :
BNA_F
ClientSampleId :
PB90336BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	12.5	6.8	10.2#
80	13.8	7.1	10.7#

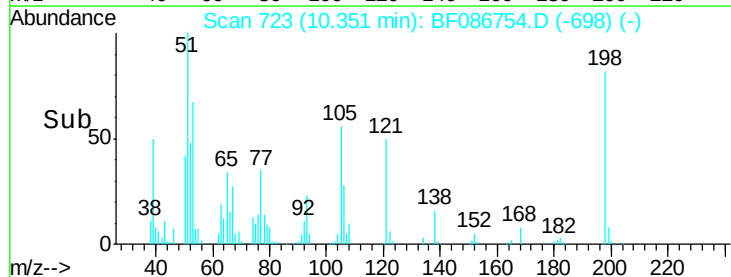
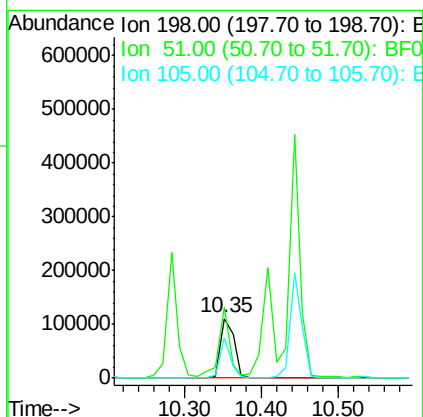
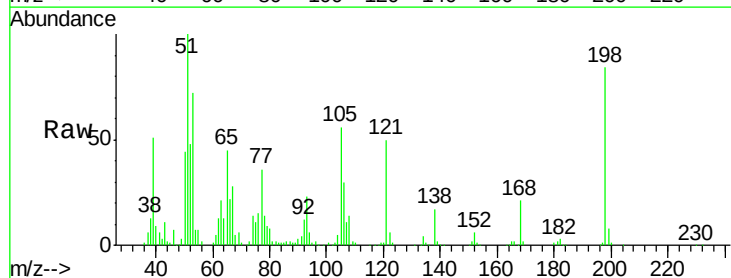
Manual Integrations
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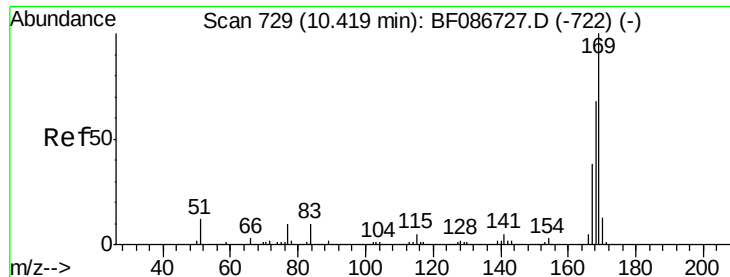
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 46.45 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	119.6	20.5	60.5#
105	66.8	24.5	64.5#





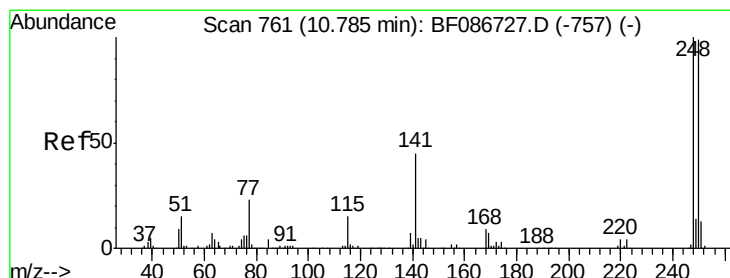
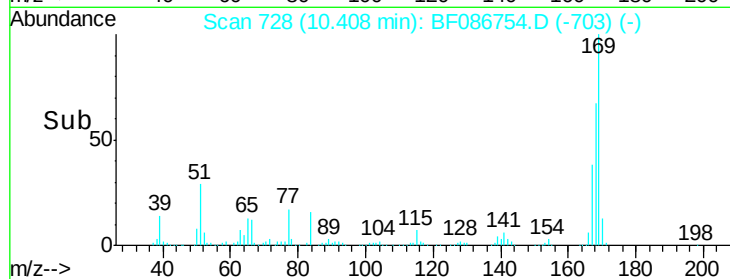
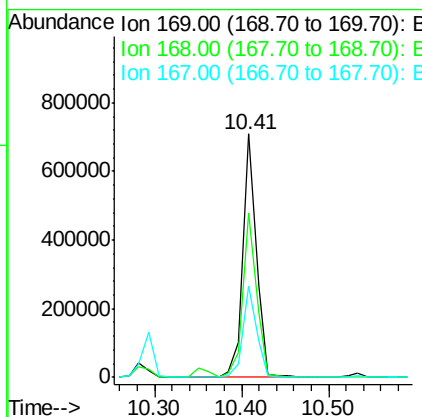
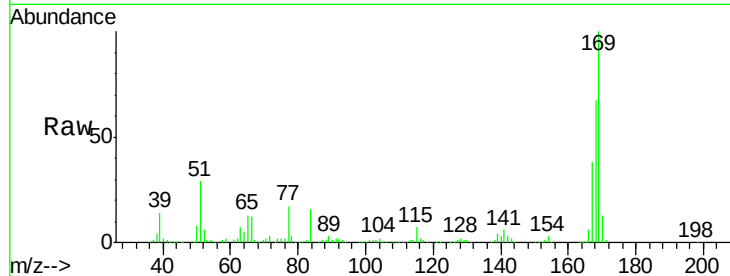
#65
 n-Nitrosodiphenylamine
 Concen: 39.47 ng
 RT: 10.41 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	773676		
168	67.4	53.8	80.6	
167	37.6	29.5	44.3	

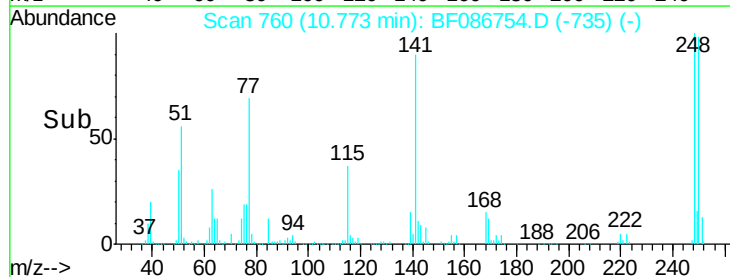
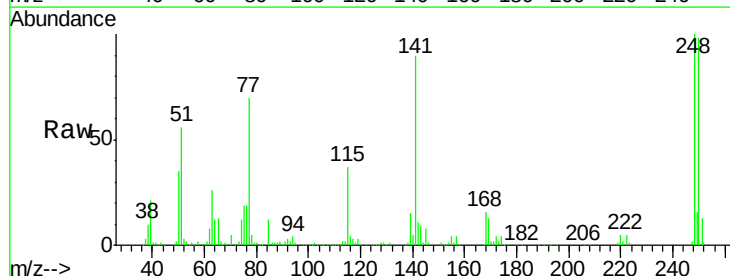
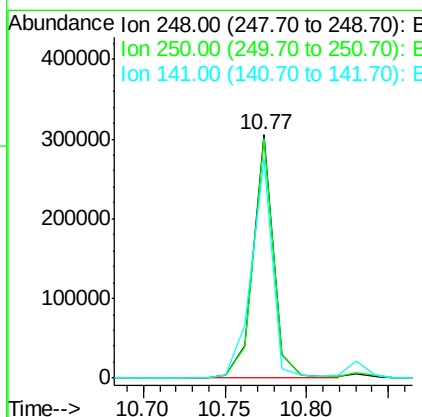
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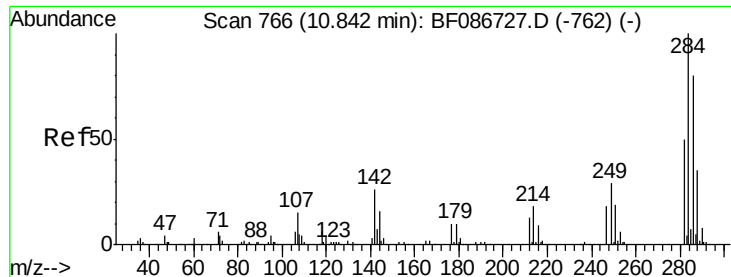
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#66
 4-Bromophenyl-phenylether
 Concen: 43.25 ng
 RT: 10.77 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	265292		
250	98.3	78.6	117.8	
141	89.9	76.0	114.0	





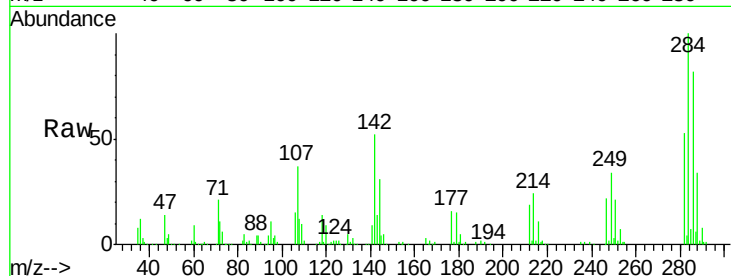
#67
Hexachlorobenzene
Concen: 39.41 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Instrument :
BNA_F
ClientSampleId :
PB90336BS

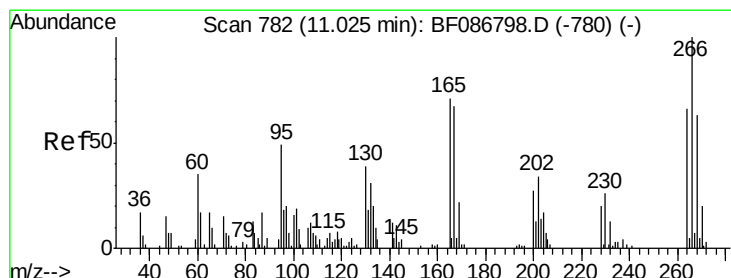
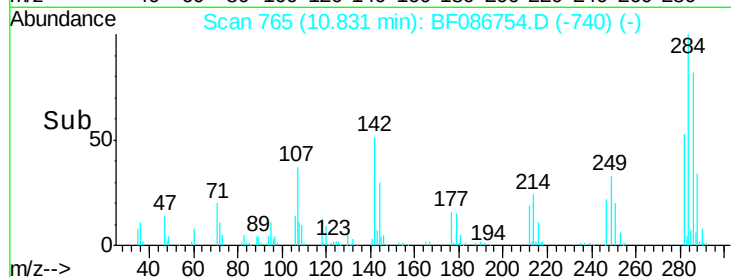
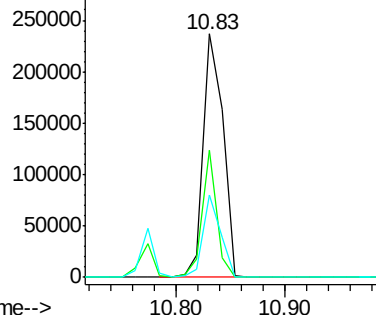
Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	52.2	16.7	25.1#
249	33.9	21.3	31.9#

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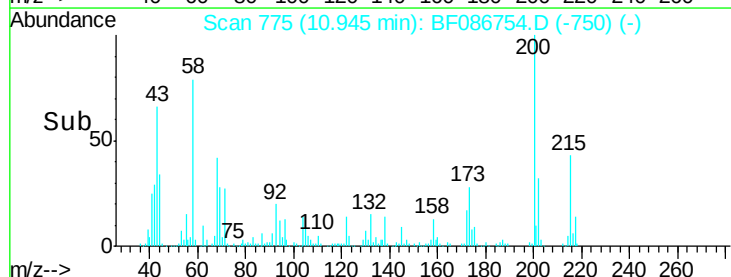
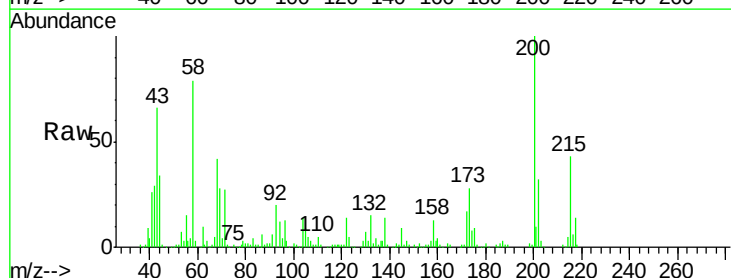
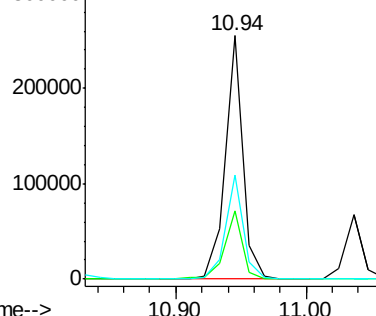
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

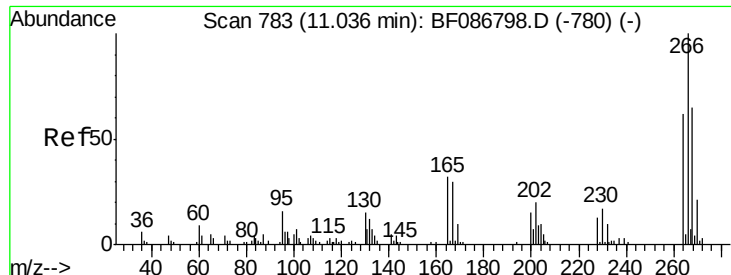


#68
Atrazine
Concen: 40.12 ng
RT: 10.94 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.1	8.5	48.5
215	42.8	27.2	67.2

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





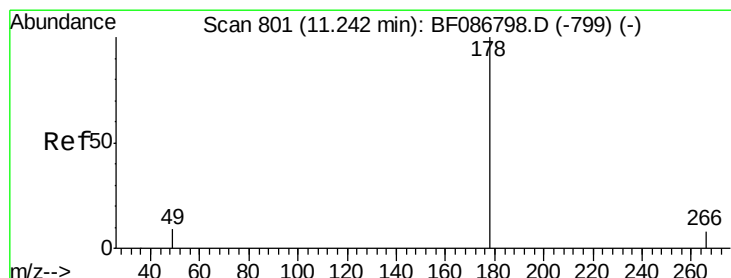
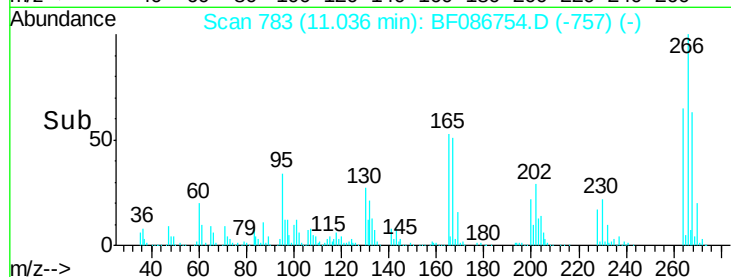
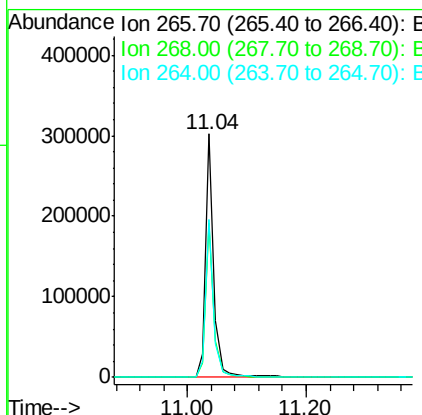
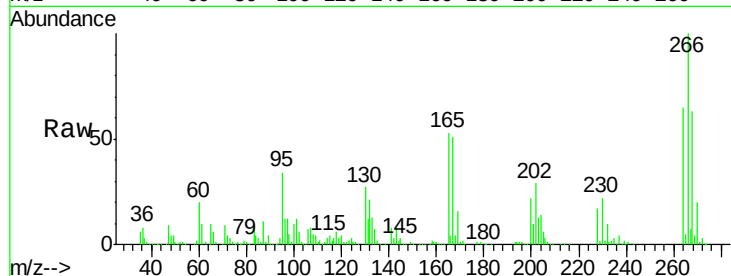
#69
 Pentachlorophenol
 Concen: 82.60 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	300602		
268	63.4	51.5	77.3	
264	64.7	52.9	79.3	

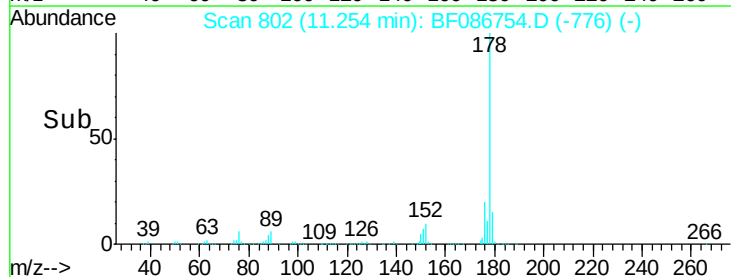
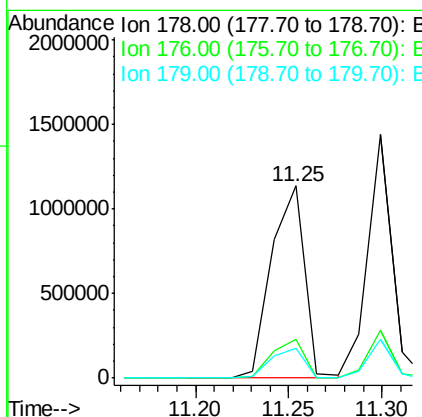
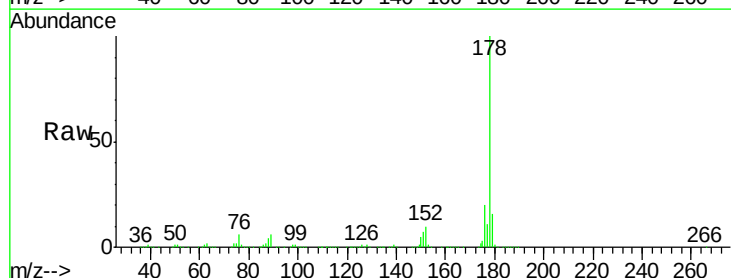
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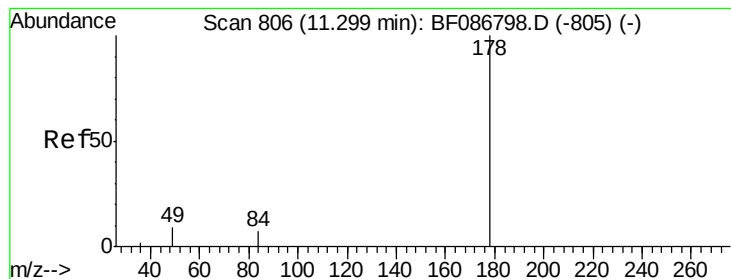
Sohil
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#70
 Phenanthrene
 Concen: 42.30 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1402476		
176	20.0	16.0	24.0	
179	15.6	12.6	18.8	





#71

Anthracene

Concen: 37.93 ng

RT: 11.30 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Instrument :

BNA_F

ClientSampleId :

PB90336BS

Tgt Ion:178 Resp: 1317124

Ion Ratio Lower Upper

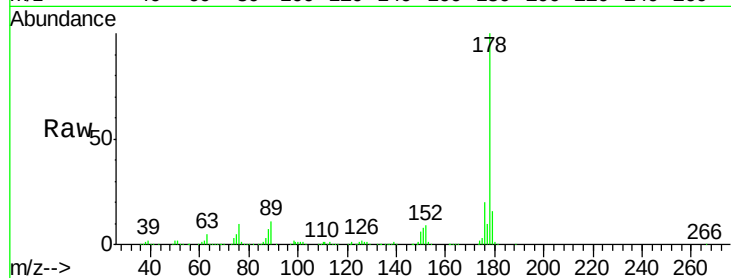
178 100

176 19.8 15.6 23.4

179 15.9 12.7 19.1

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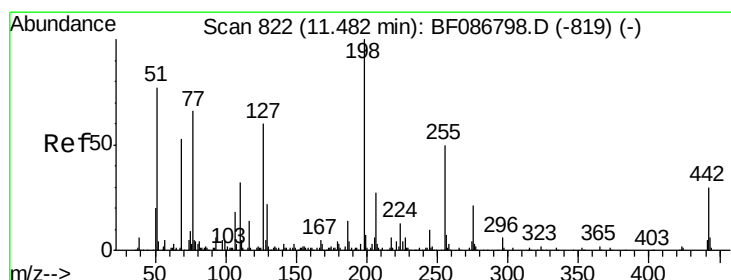
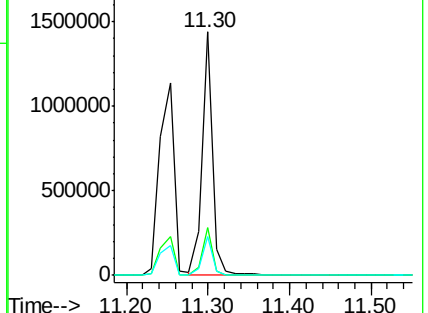
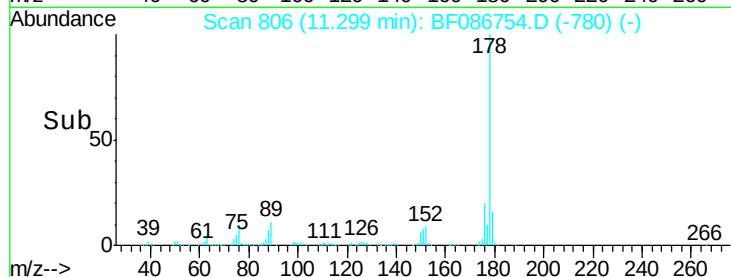
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.07 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

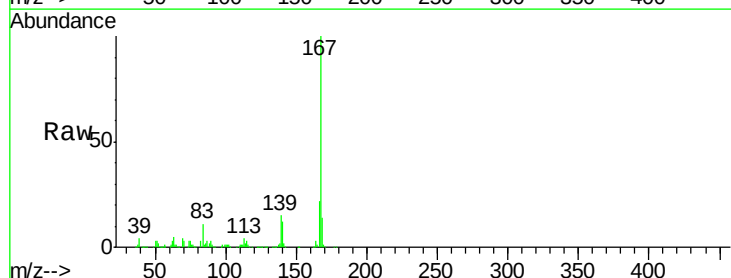
Tgt Ion:167 Resp: 1147878

Ion Ratio Lower Upper

167 100

166 22.1 17.7 26.5

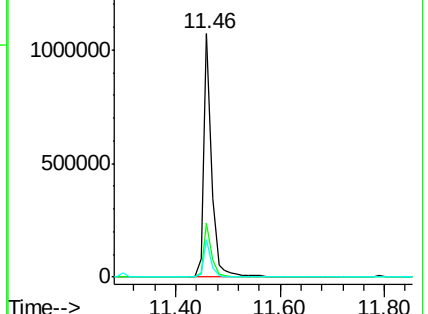
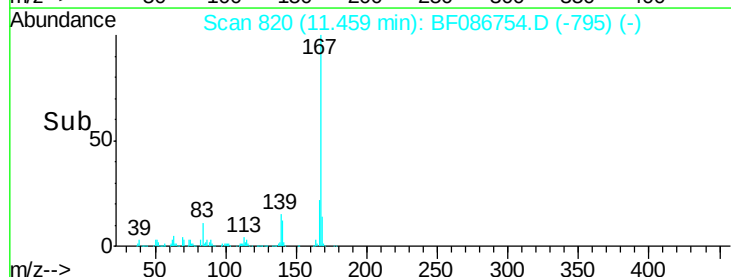
139 15.3 10.8 16.2

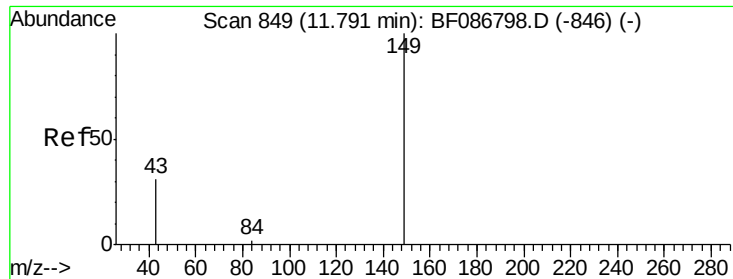


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.74 ng

RT: 11.79 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Instrument :

BNA_F

ClientSampleId :

PB90336BS

Tgt Ion:149 Resp: 1422398

Ion Ratio Lower Upper

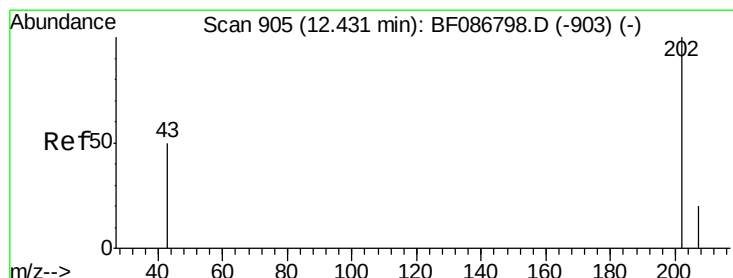
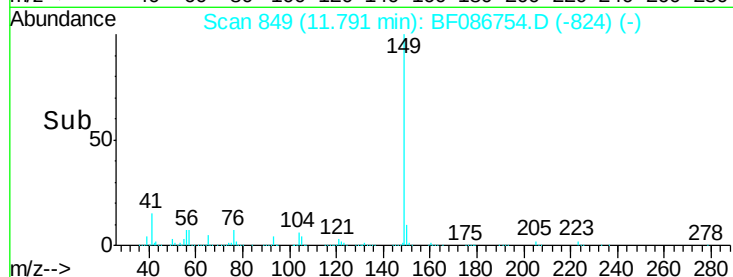
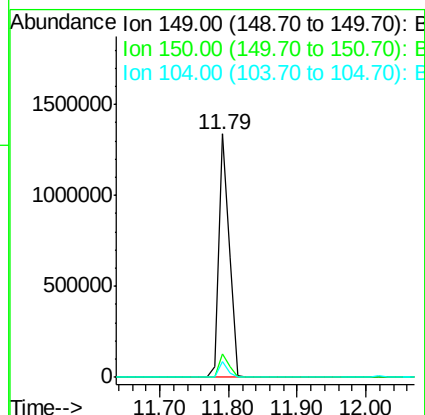
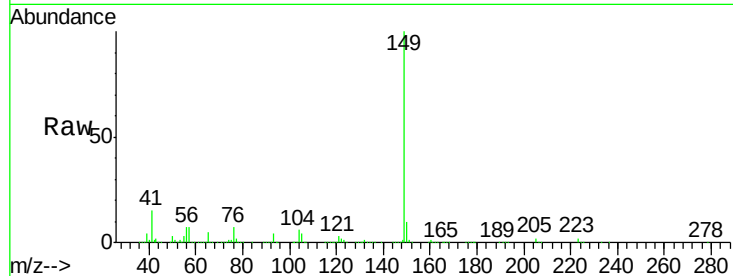
149 100

150 9.6 7.6 11.4

104 6.4 3.8 5.6#

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#74

Fluoranthene

Concen: 40.89 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

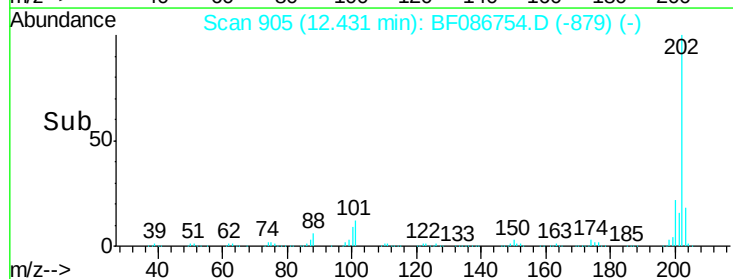
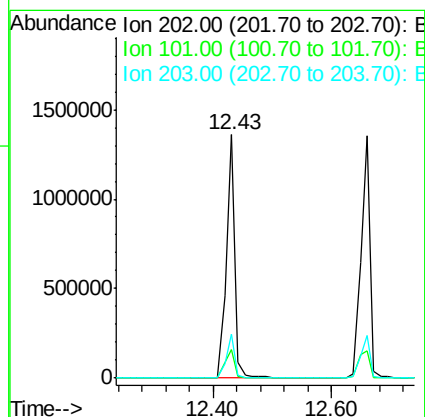
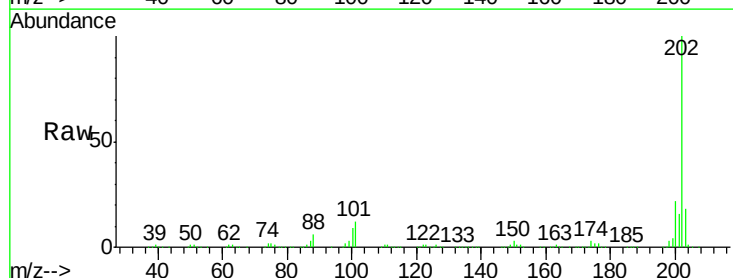
Tgt Ion:202 Resp: 1358782

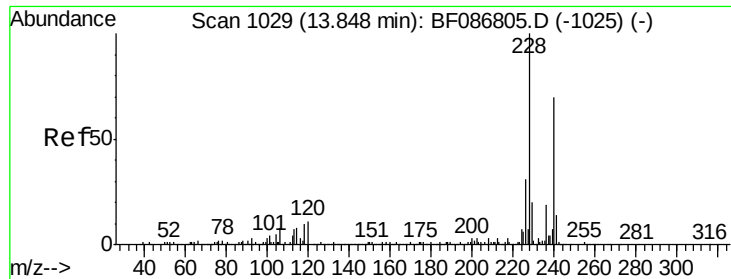
Ion Ratio Lower Upper

202 100

101 11.9 0.0 35.4

203 18.1 0.0 38.1





#75

Chrysene-d12

Concen: 40.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Instrument :

BNA_F

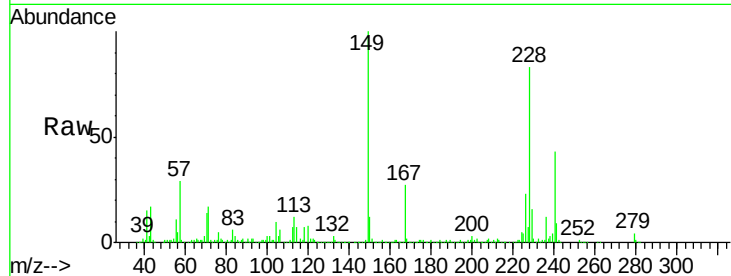
ClientSampleId :

PB90336BS

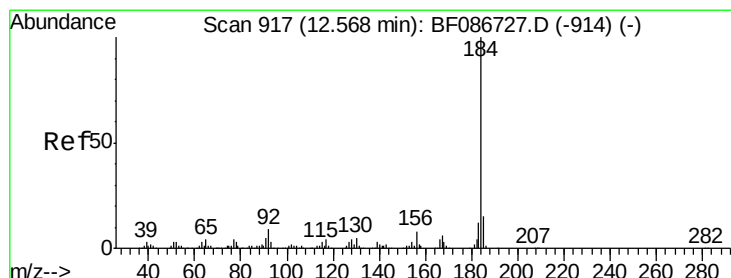
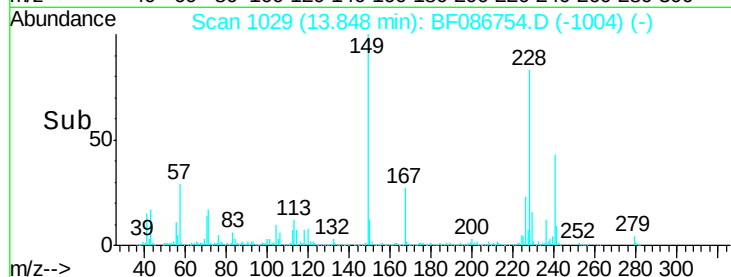
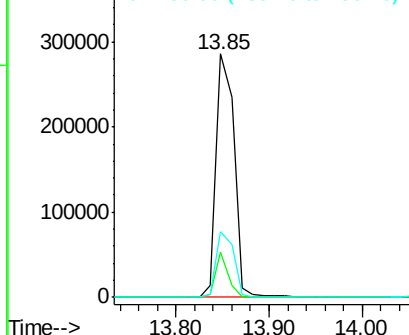
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	382767		
120	18.5	11.2	16.8#	
236	27.1	21.2	31.8	

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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: 36.41 ng

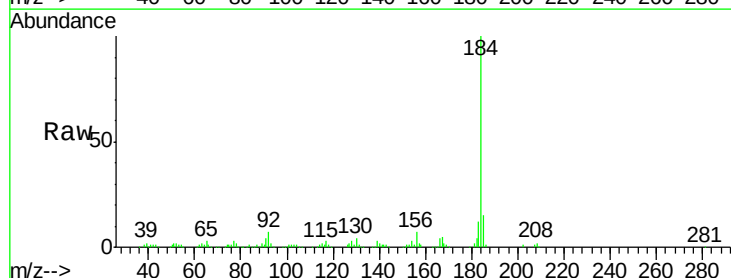
RT: 12.57 min Scan# 917

Delta R.T. 0.00 min

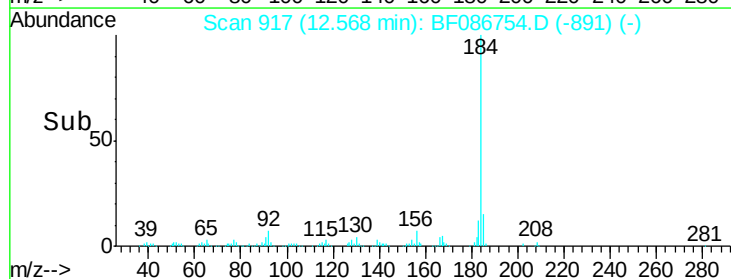
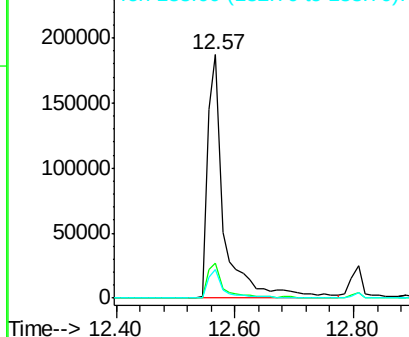
Lab File: BF086754.D

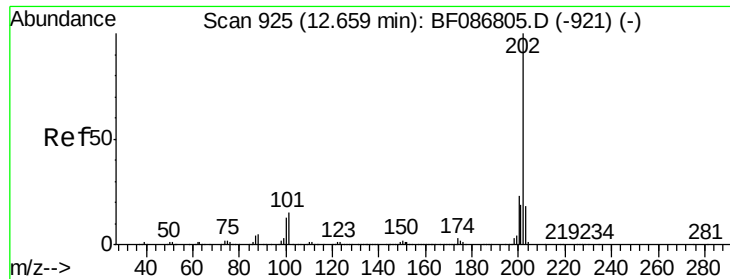
Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	360697		
185	14.5	13.6	20.4	
183	11.6	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





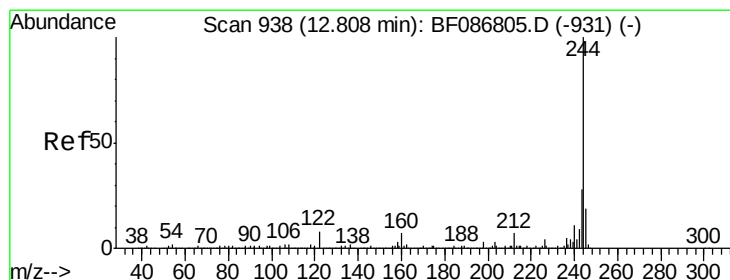
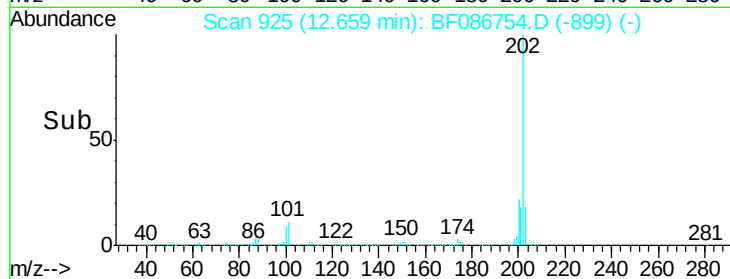
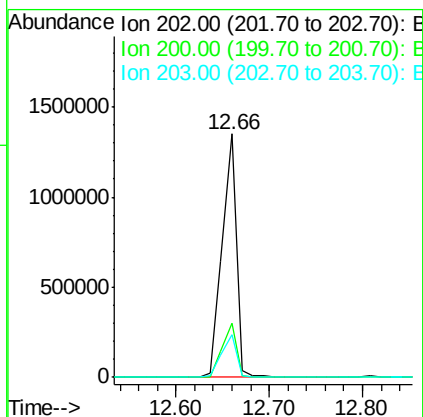
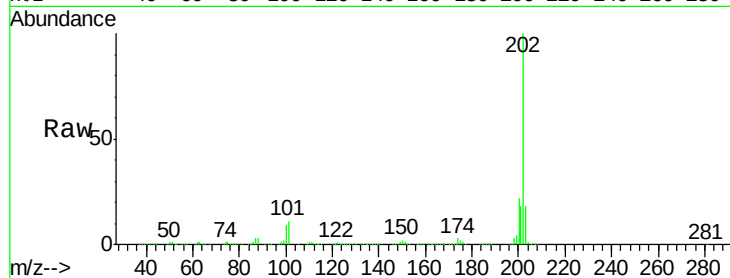
#77
 Pyrene
 Concen: 46.72 ng
 RT: 12.66 min Scan# 925
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	17.6	14.2	21.4

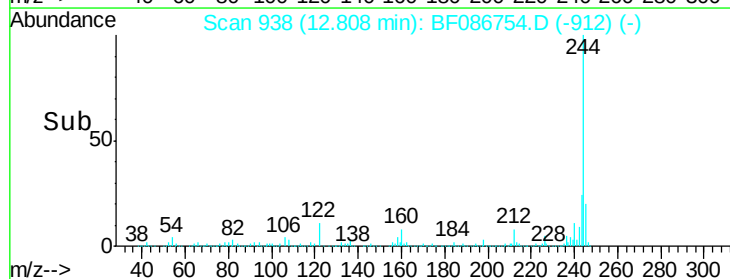
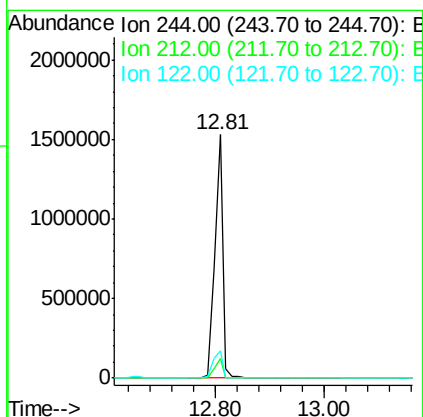
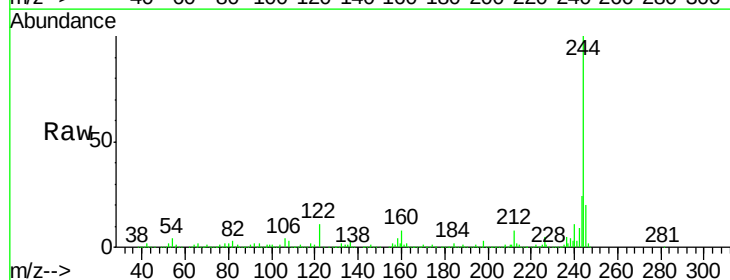
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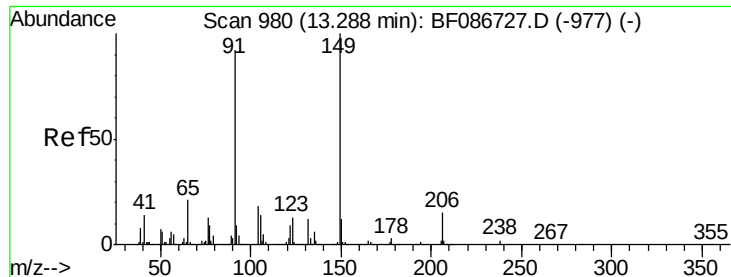
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#78
 Terphenyl-d14
 Concen: 84.95 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	11.2	12.0	18.0#





#79

Butylbenzylphthalate

Concen: 50.58 ng

RT: 13.29 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF086754.D

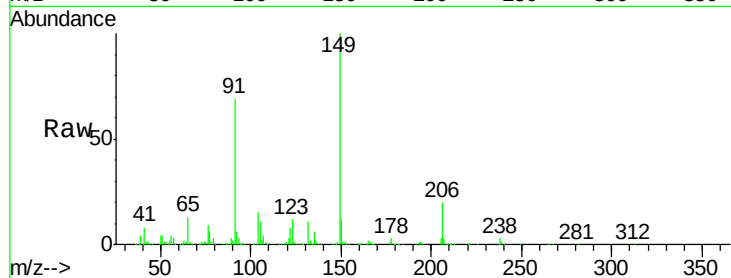
Acq: 7 May 2016 5:39

Instrument :

BNA_F

ClientSampleId :

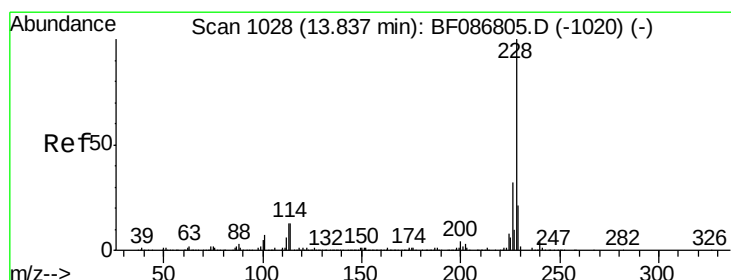
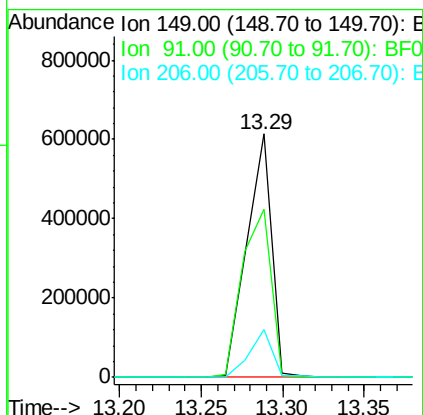
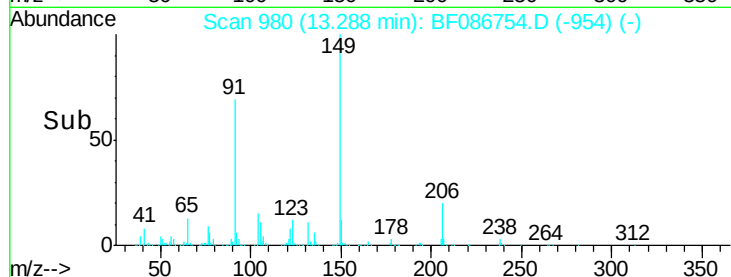
PB90336BS



Tgt Ion:	149	Resp:	646489
Ion Ratio	Lower	Upper	
149	100		
91	68.9	48.0	72.0
206	19.8	15.8	23.6

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#80

Benzo(a)anthracene

Concen: 45.08 ng

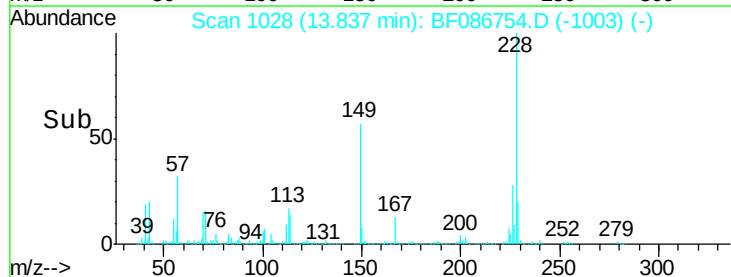
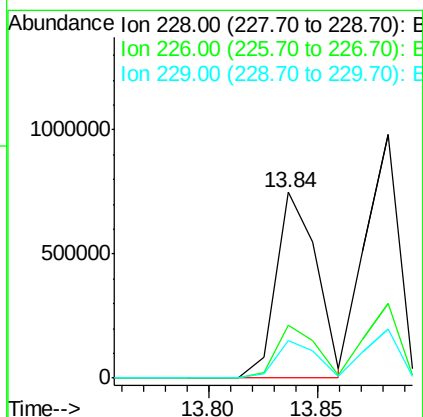
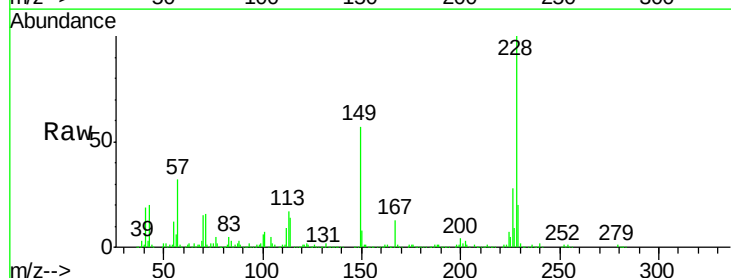
RT: 13.84 min Scan# 1028

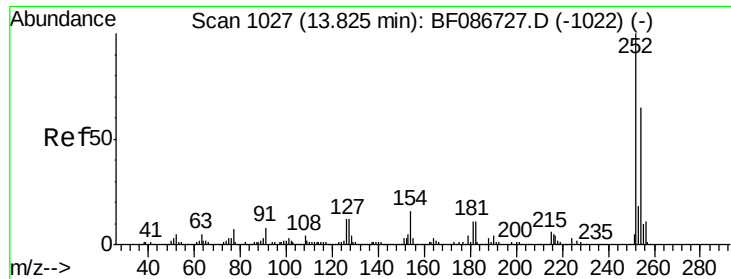
Delta R.T. -0.01 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Tgt Ion:	228	Resp:	975851
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.5	33.7
229	20.4	16.6	25.0





#81

3,3'-Dichlorobenzidine

Concen: 11.43 ng

RT: 13.81 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF086754.D

Acq: 7 May 2016 5:39

Instrument :

BNA_F

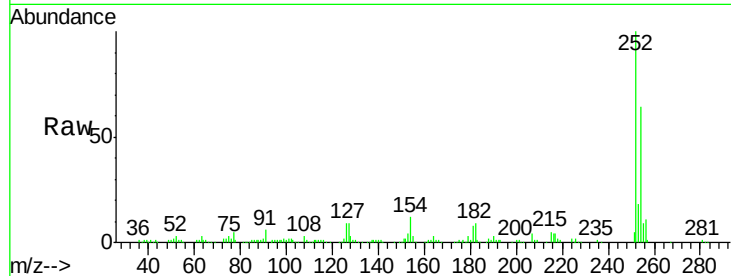
ClientSampleId :

PB90336BS

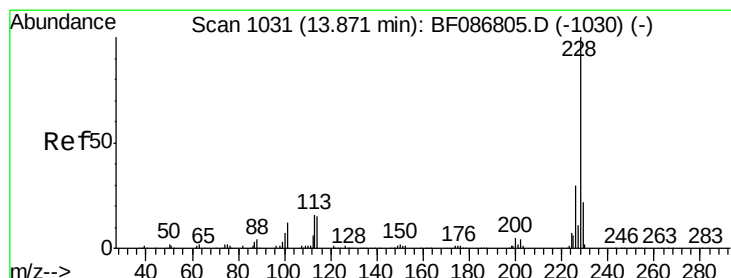
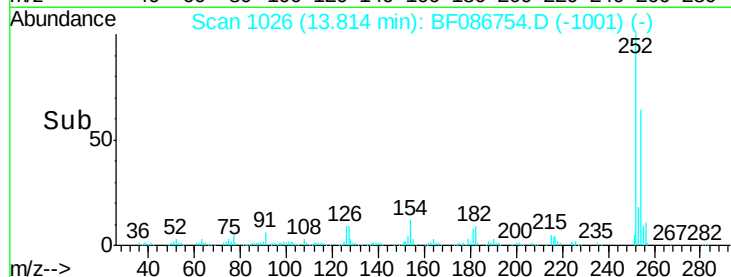
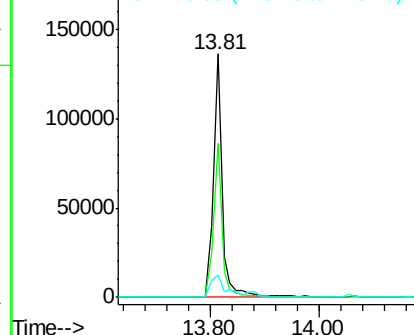
Tgt Ion:	252	Resp:	155450
Ion Ratio		Lower	Upper
252	100		
254	63.5	50.7	76.1
126	8.9	12.7	19.1#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 46.78 ng

RT: 13.88 min Scan# 1032

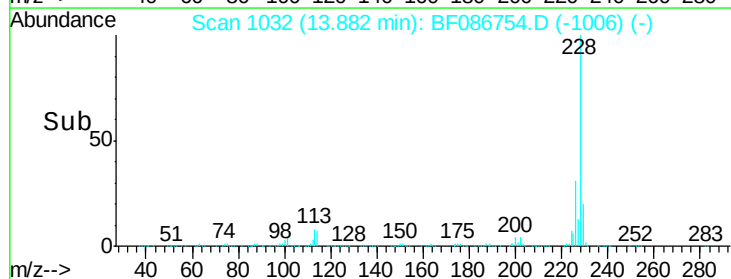
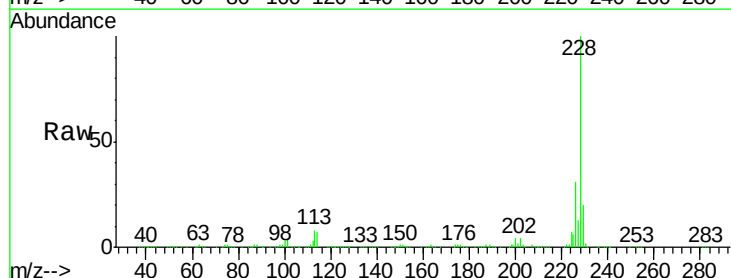
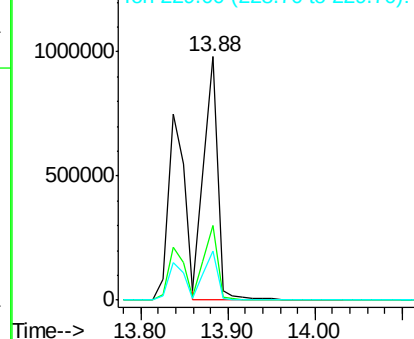
Delta R.T. 0.00 min

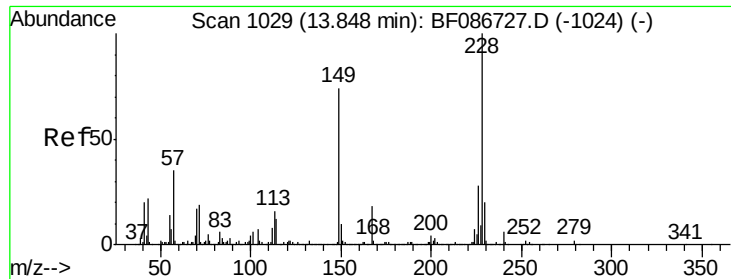
Lab File: BF086754.D

Acq: 7 May 2016 5:39

Tgt Ion:	228	Resp:	1080481
Ion Ratio		Lower	Upper
228	100		
226	30.8	24.4	36.6
229	20.0	15.8	23.8

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





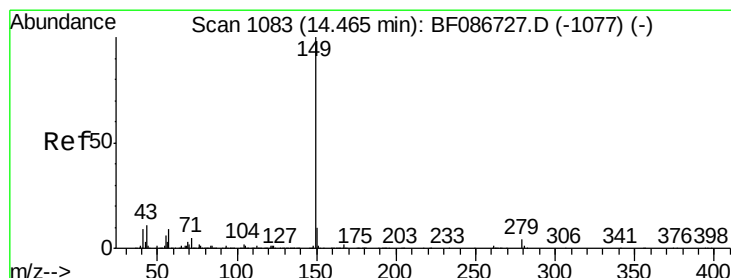
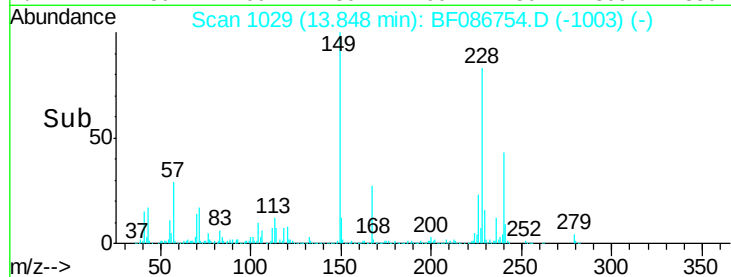
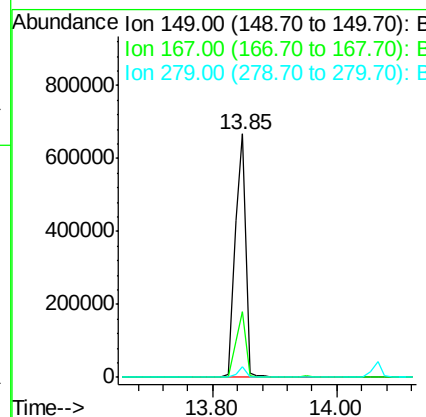
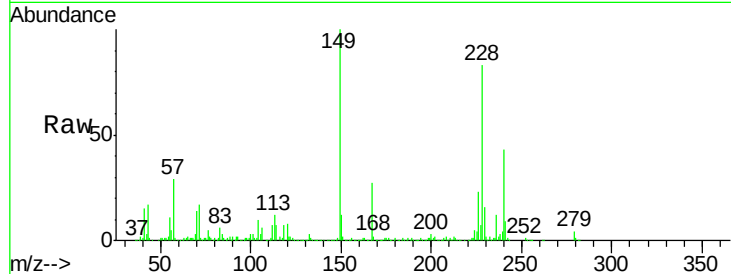
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.28 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	773321		
167	26.7	21.8	32.6	
279	4.2	2.6	4.0#	

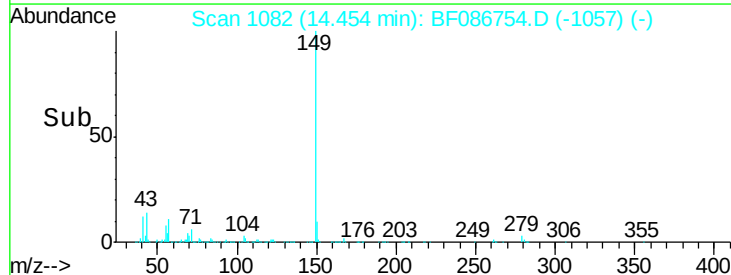
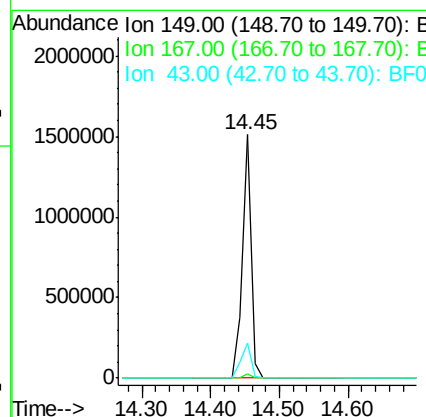
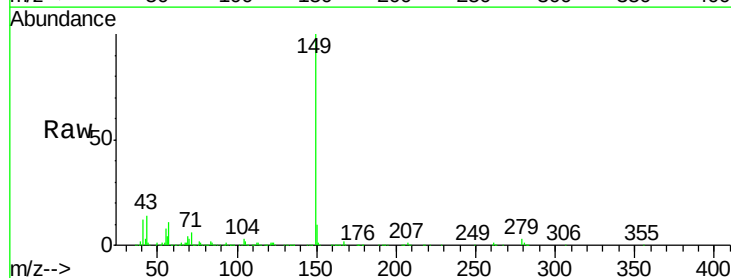
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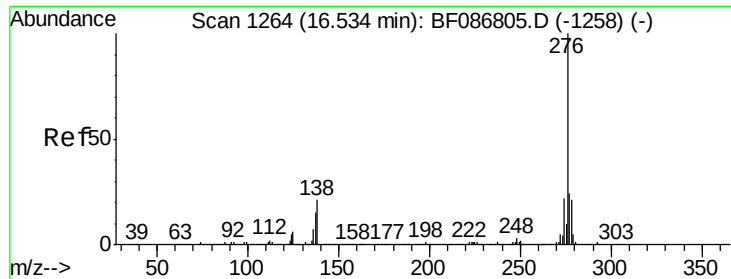
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#84
 Di-n-octyl phthalate
 Concen: 63.12 ng
 RT: 14.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1373701		
167	1.5	1.2	1.8	
43	16.4	8.2	12.4#	





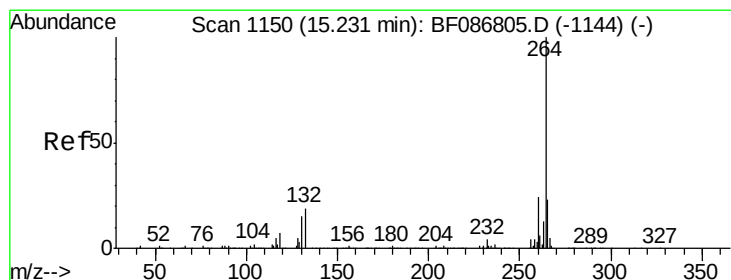
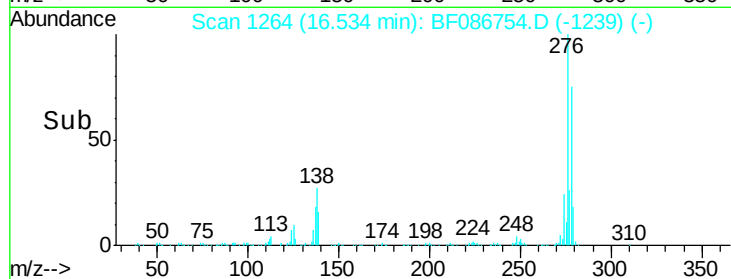
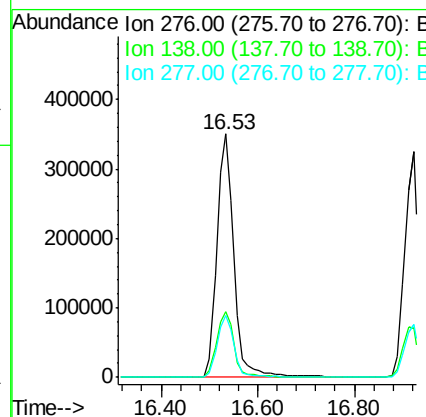
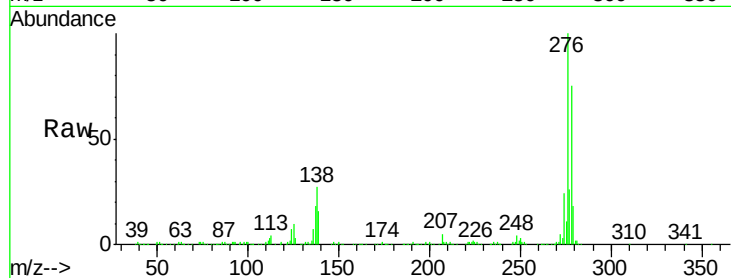
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.00 ng
 RT: 16.53 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	25.6	38.4
277	25.7	20.5	30.7

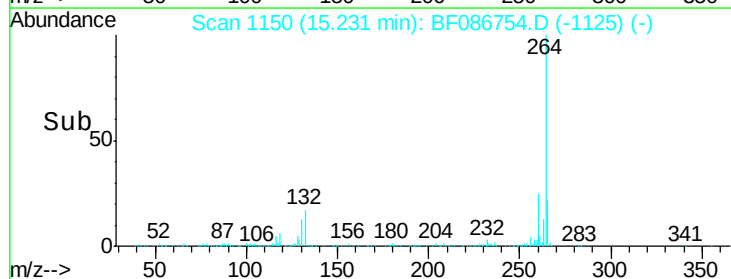
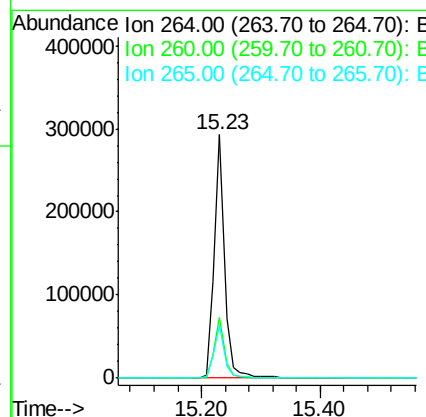
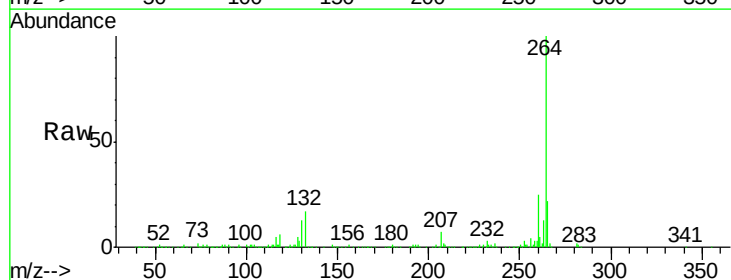
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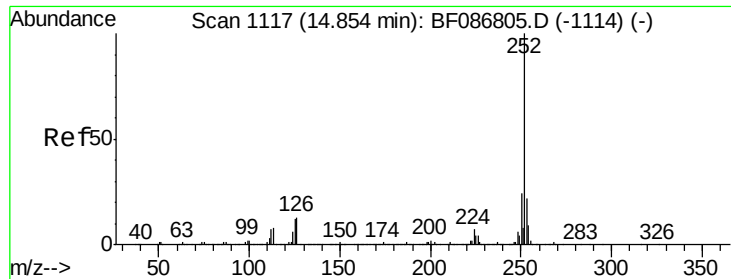
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#86
 Perylene-d12
 Concen: 40.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	21.9	17.3	25.9





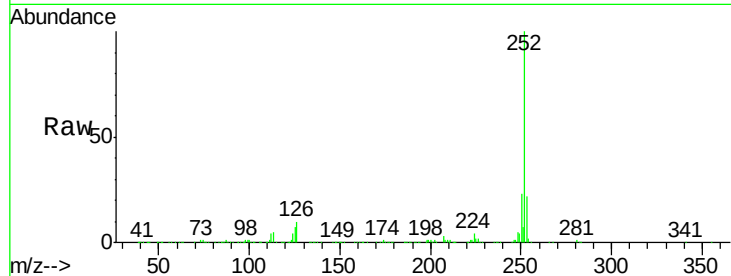
#87
Benzo(b)fluoranthene
Concen: 50.48 ng m
RT: 14.85 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Instrument :
BNA_F
ClientSampleId :
PB90336BS

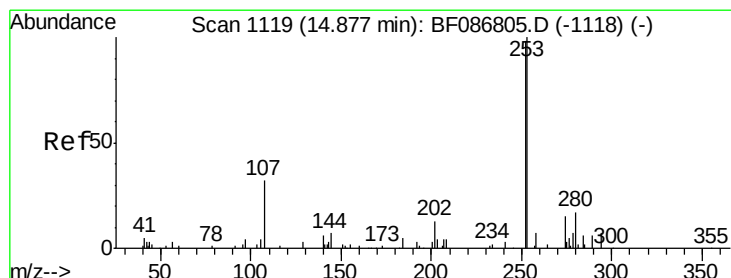
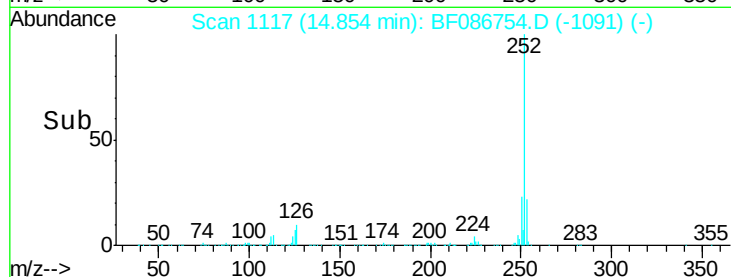
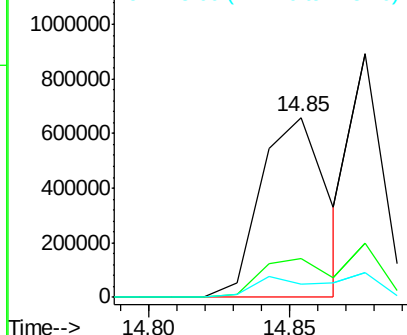
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	7.5	11.4	17.0

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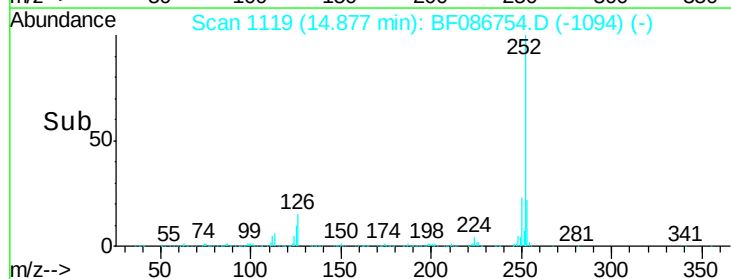
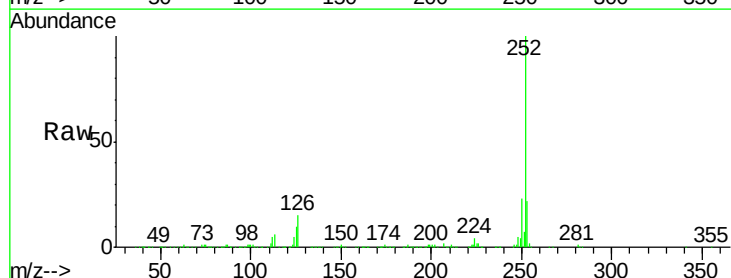
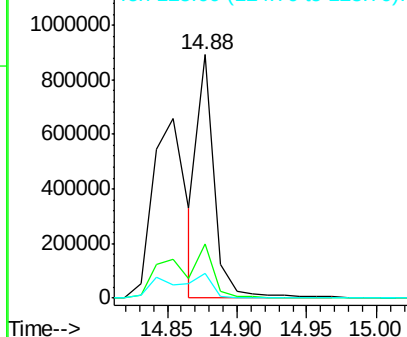
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

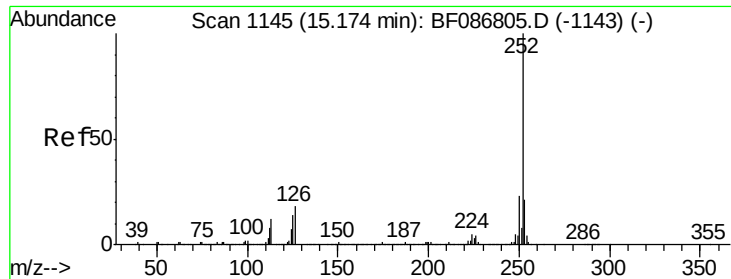


#88
Benzo(k)fluoranthene
Concen: 37.09 ng m
RT: 14.88 min Scan# 1119
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.9	9.1	13.7

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





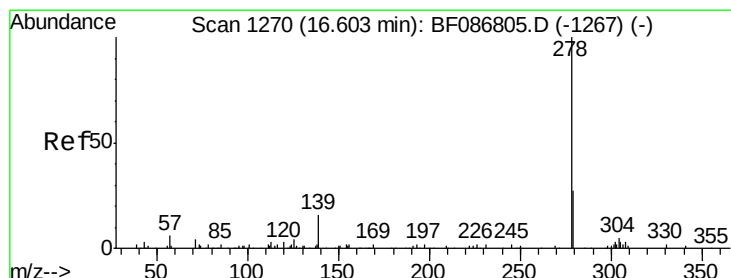
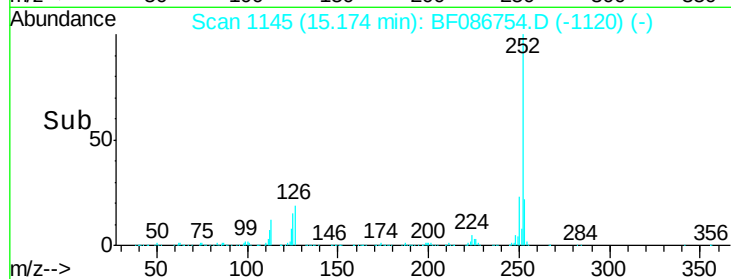
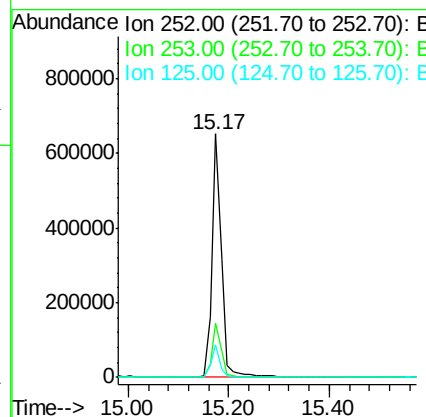
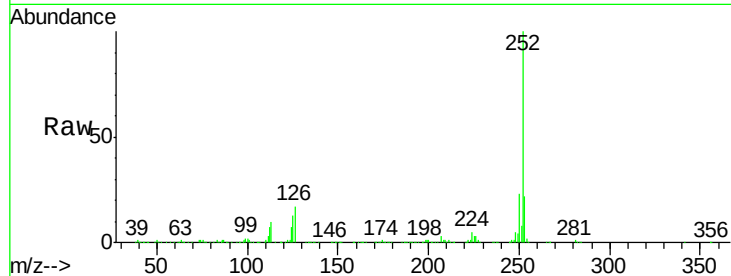
#89
Benzo(a)pyrene
Concen: 42.30 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Instrument :
BNA_F
ClientSampleId :
PB90336BS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	838282		
253	22.2	17.2	25.8	
125	13.1	9.0	13.6	

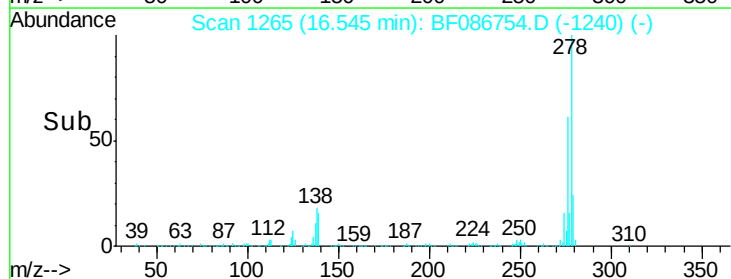
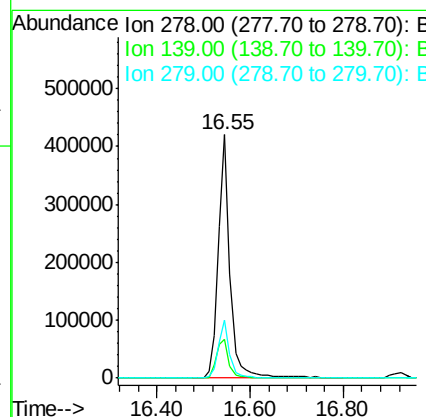
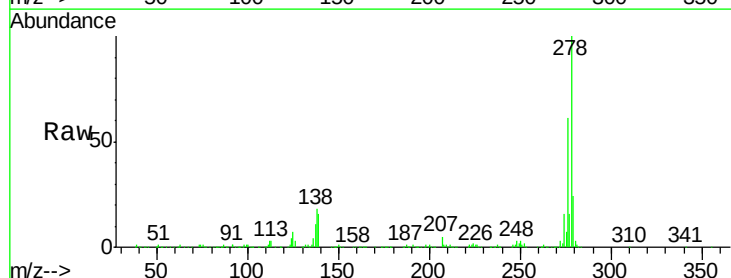
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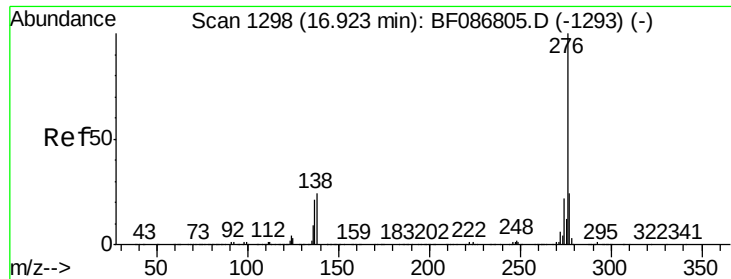
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#90
Dibenzo(a,h)anthracene
Concen: 38.93 ng
RT: 16.55 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF086754.D
Acq: 7 May 2016 5:39

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	740991		
139	16.2	16.6	24.8#	
279	23.6	19.6	29.4	





#91
 Benzo(g,h,i)perylene
 Concen: 35.91 ng
 RT: 16.92 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF086754.D
 Acq: 7 May 2016 5:39

Instrument :
 BNA_F
 ClientSampleId :
 PB90336BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.7	19.6	29.4
138	21.5	23.6	35.4

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