

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
 Data File : BF087726.D
 Acq On : 6 Jun 2016 00:22
 Operator : UM/SJ
 Sample : H3378-03MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Manual Integrations
 APPROVED

SOHIL
 6/6/2016 7:25:09 PM

Quant Time: Jun 06 04:38:37 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	114322	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	473557	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	225256	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	391832	20.00	ng	0.00
75) Chrysene-d12	14.02	240	257219	20.00	ng	0.00
86) Perylene-d12	15.44	264	230505	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	1072933	151.69	ng	0.02
7) Phenol-d6	6.50	99	1276958	143.96	ng	0.01
23) Nitrobenzene-d5	7.43	82	761273	93.01	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	314213	138.96	ng	0.01
44) 2-Fluorobiphenyl	9.23	172	1443206	107.74	ng	0.00
78) Terphenyl-d14	12.97	244	1056710	100.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	132104	38.64	ng	# 32
3) Pyridine	3.28	79	391906	43.39	ng	98
4) n-Nitrosodimethylamine	3.22	42	174982	45.86	ng	97
6) Aniline	6.52	93	404495	32.17	ng	99
8) 2-Chlorophenol	6.65	128	400369	49.19	ng	87
9) Benzaldehyde	6.40	77	26694	4.45	ng	85
10) Phenol	6.51	94	532915	52.76	ng	87
11) bis(2-Chloroethyl)ether	6.60	93	384587	52.40	ng	88
12) 1,3-Dichlorobenzene	6.80	146	372825	42.78	ng	99
13) 1,4-Dichlorobenzene	6.88	146	411479	47.06	ng	99
14) 1,2-Dichlorobenzene	7.04	146	362353	44.20	ng	99
15) Benzyl Alcohol	7.00	79	292276	44.60	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	482608	45.09	ng	97
17) 2-Methylphenol	7.12	107	308366	47.19	ng	99
18) Hexachloroethane	7.37	117	143610	46.97	ng	# 84
19) n-Nitroso-di-n-propylamine	7.29	70	264163	47.68	ng	# 85
20) 3+4-Methylphenols	7.28	107	391870	48.94	ng	# 77
22) Acetophenone	7.28	105	487628	45.46	ng	# 92
24) Nitrobenzene	7.45	77	420557	51.34	ng	100
25) Isophorone	7.69	82	699879	46.97	ng	99
26) 2-Nitrophenol	7.76	139	190406	50.02	ng	97
27) 2,4-Dimethylphenol	7.80	122	365377	46.32	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	429201	45.41	ng	# 97
29) 2,4-Dichlorophenol	8.00	162	314088	48.48	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	327952	48.34	ng	99
31) Naphthalene	8.17	128	1102059	47.86	ng	100
32) Benzoic acid	7.90	122	75885	15.95	ng	94
33) 4-Chloroaniline	8.22	127	266590	26.65	ng	97
34) Hexachlorobutadiene	8.30	225	164361	46.60	ng	98
35) Caprolactam	8.59	113	112219m	52.73	ng	
36) 4-Chloro-3-methylphenol	8.71	107	361370	53.92	ng	94
37) 2-Methylnaphthalene	8.86	142	713720	46.94	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	277079	44.63	ng	# 1
40) Hexachlorocyclopentadiene	9.02	237	286065	78.34	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	251491	53.64	nq	98
43) 2,4,5-Trichlorophenol	9.19	196	213684	48.97	nq	99
45) 1,1'-Biphenyl	9.32	154	763465	41.76	nq	99
46) 2-Chloronaphthalene	9.35	162	626259	43.04	nq	100
47) 2-Nitroaniline	9.45	65	215328	52.55	nq	# 58
48) Acenaphthylene	9.77	152	1101603	48.54	nq	99
49) Dimethylphthalate	9.63	163	786280	48.01	nq	99
50) 2,6-Dinitrotoluene	9.69	165	180084	48.33	nq	# 75
51) Acenaphthene	9.94	154	693785	47.51	nq	99
52) 3-Nitroaniline	9.85	138	145511	34.14	nq	96
53) 2,4-Dinitrophenol	9.95	184	82821	50.48	nq	# 85
54) Dibenzofuran	10.11	168	990585	49.83	nq	95
55) 4-Nitrophenol	10.02	139	328303	90.14	nq	# 85
56) 2,4-Dinitrotoluene	10.09	165	222141	46.82	nq	# 67
57) Fluorene	10.46	166	696889	44.84	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	186641	49.66	nq	# 55
59) Diethylphthalate	10.33	149	716369	43.56	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	292576	52.49	nq	99
61) 4-Nitroaniline	10.47	138	190893	46.59	nq	95
62) Azobenzene	10.60	77	787650	47.58	nq	99
64) 4,6-Dinitro-2-methylphenol	10.50	198	99135	45.62	nq	# 53
65) n-Nitrosodiphenylamine	10.57	169	671633	52.33	nq	100
66) 4-Bromophenyl-phenylether	10.94	248	207909	53.51	nq	98
67) Hexachlorobenzene	10.99	284	199820	45.99	nq	99
68) Atrazine	11.10	200	203492	53.53	nq	95
69) Pentachlorophenol	11.19	266	213312	82.63	nq	99
70) Phenanthrene	11.40	178	999627	47.05	nq	99
71) Anthracene	11.46	178	1012387	47.56	nq	100
72) Carbazole	11.61	167	915003	45.41	nq	100
73) Di-n-butylphthalate	11.95	149	1158038	53.60	nq	100
74) Fluoranthene	12.59	202	970056	46.40	nq	99
76) Benzidine	12.72	184	267918	26.41	nq	98
77) Pyrene	12.82	202	1006926	54.97	nq	100
79) Butylbenzylphthalate	13.45	149	492066	63.12	nq	92
80) Benzo(a)anthracene	14.01	228	736372	49.60	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	170237	40.65	nq	99
82) Chrysene	14.05	228	739019	50.02	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	564841	60.89	nq	# 98
84) Di-n-octyl phthalate	14.62	149	949621	55.06	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.85	276	730190	59.79	nq	# 100
87) Benzo(b)fluoranthene	15.04	252	753606m	50.26	nq	
88) Benzo(k)fluoranthene	15.06	252	570755m	45.75	nq	
89) Benzo(a)pyrene	15.38	252	641782	50.92	nq	100
90) Dibenzo(a,h)anthracene	16.87	278	595667	55.53	nq	# 95
91) Benzo(g,h,i)perylene	17.27	276	606057	56.00	nq	96

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

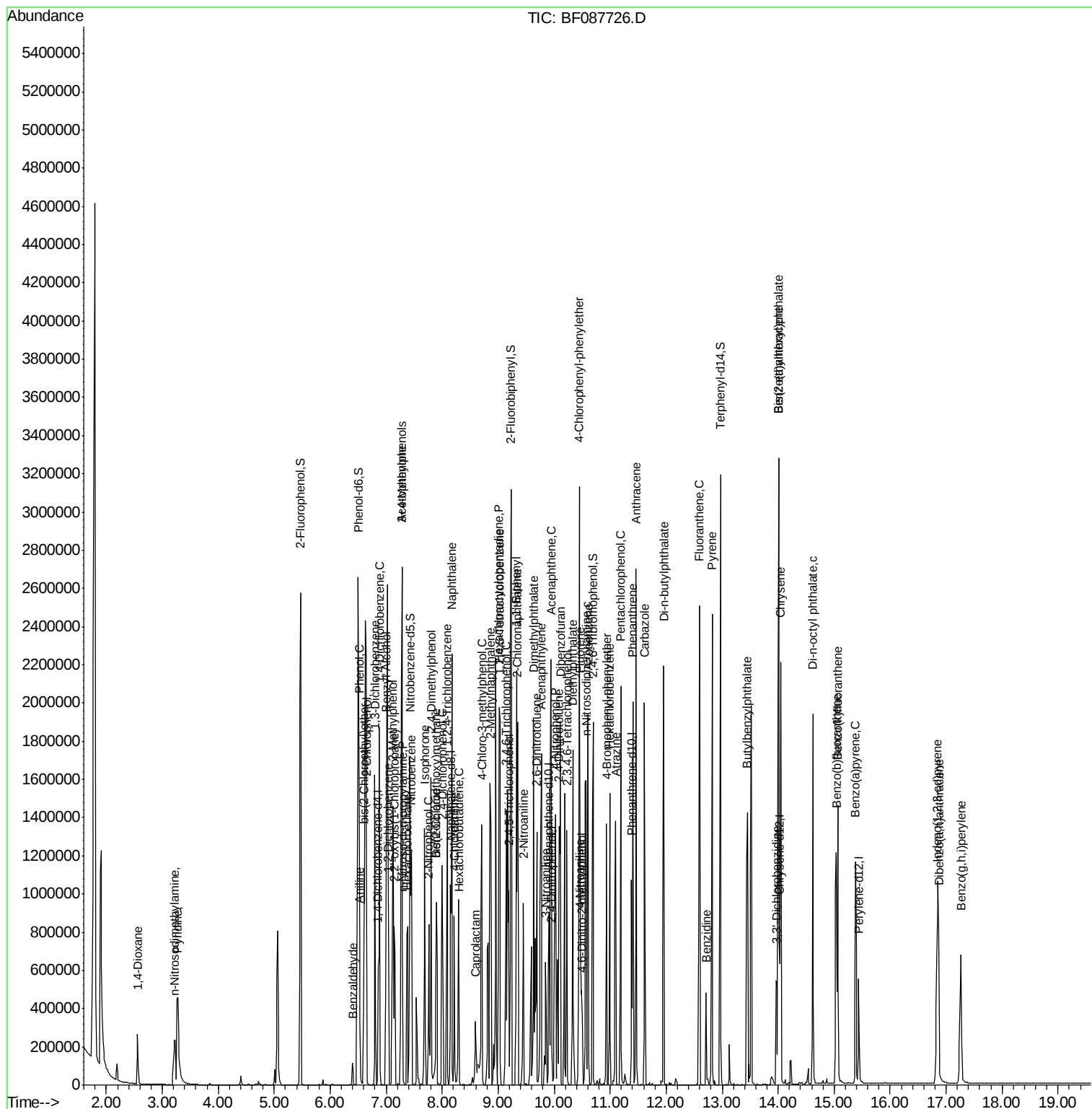
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060516\
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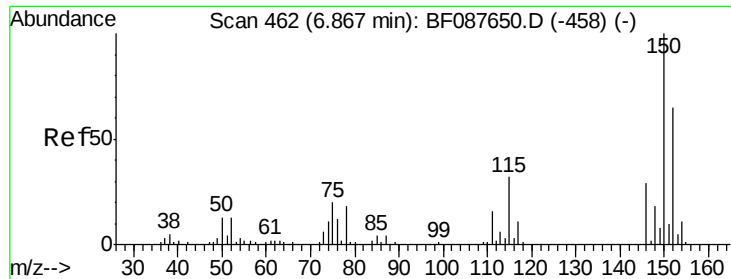
Instrument :
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#1

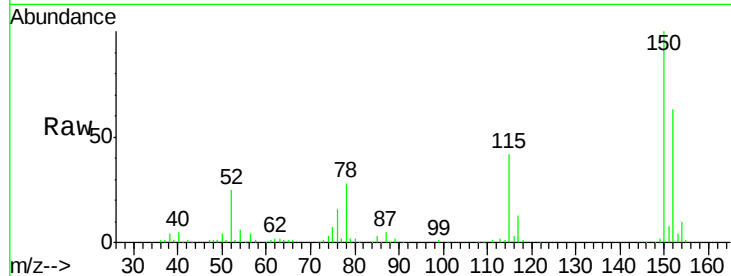
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	123.8	185.6
115	67.2	39.6	59.4

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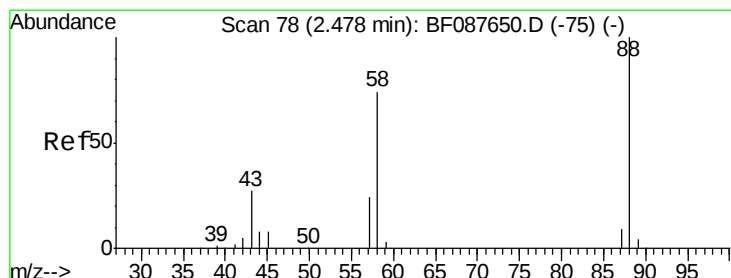
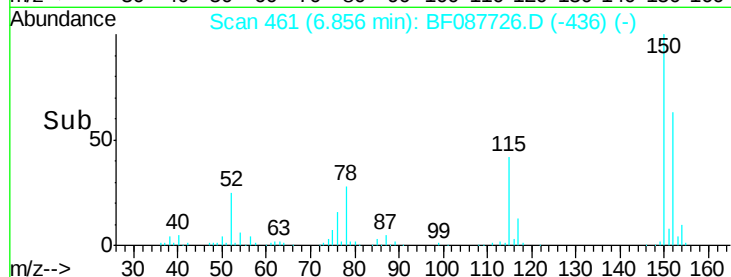
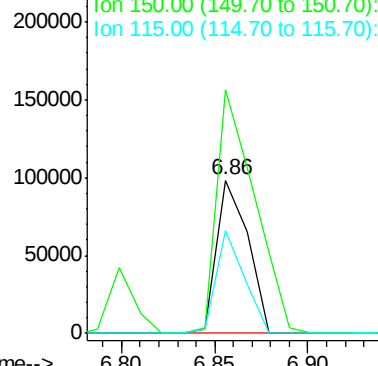


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

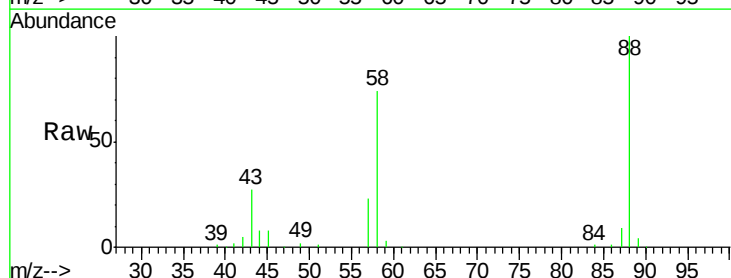
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.64 ng
RT: 2.56 min Scan# 85
Delta R.T. 0.08 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.3	0.0	0.0
43	26.8	3.4	5.2

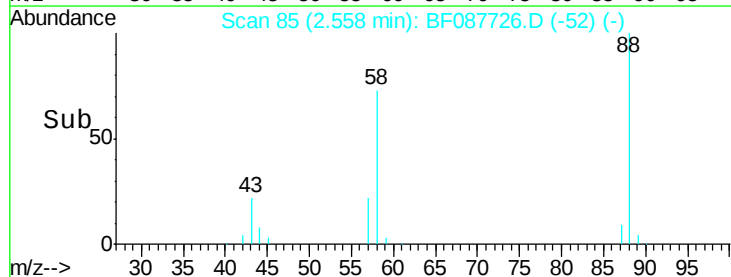
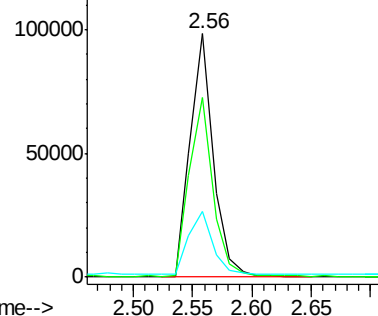


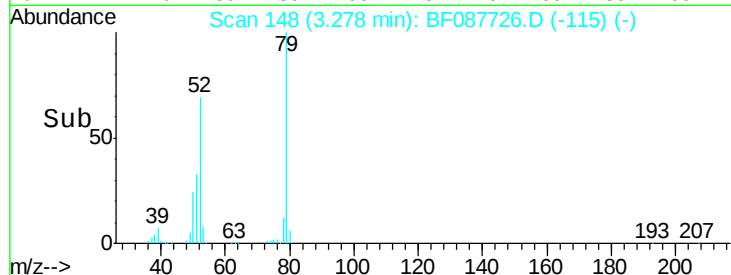
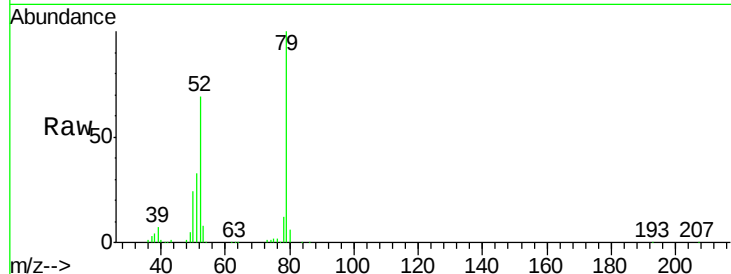
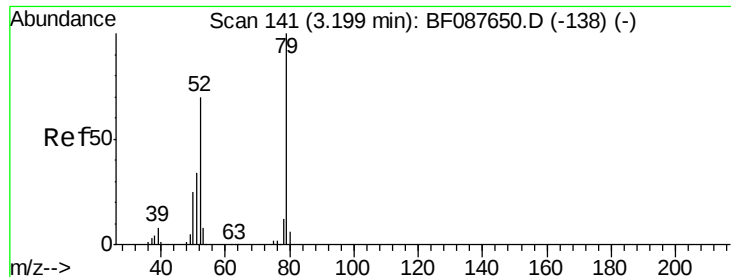
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





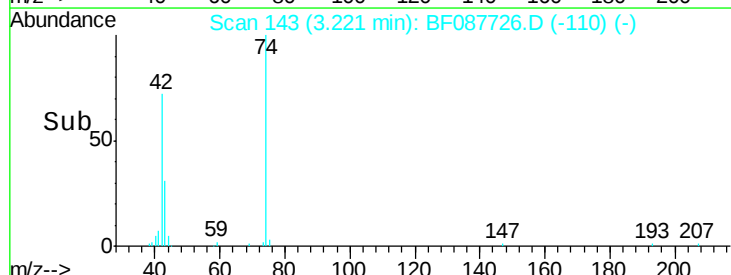
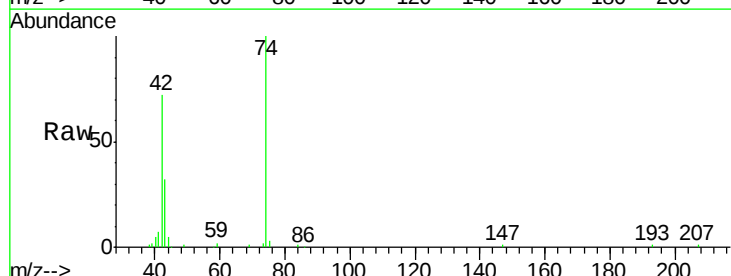
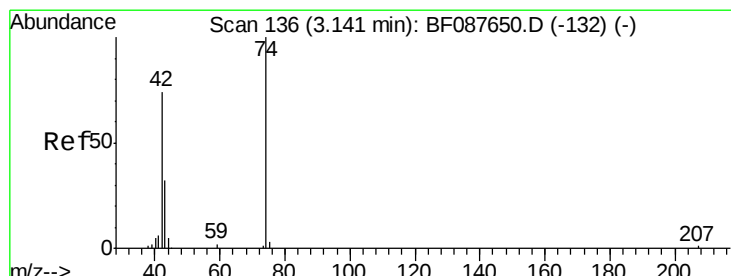
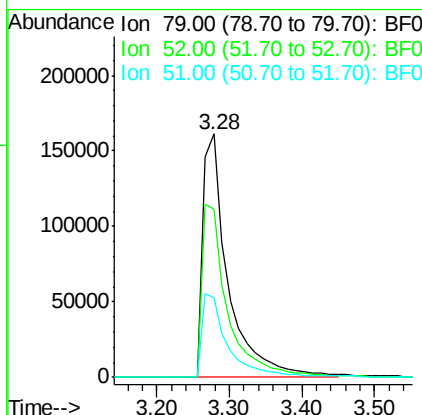
#3
 Pvridine
 Concen: 43.39 ng
 RT: 3.28 min Scan# 148
 Delta R.T. 0.08 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Tot Ion:	79	Resp:	391906
Ion Ratio	Lower	Upper	
79	100		
52	68.9	56.3	84.5
51	32.9	27.4	41.2

Instrument :
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 SB-7MS

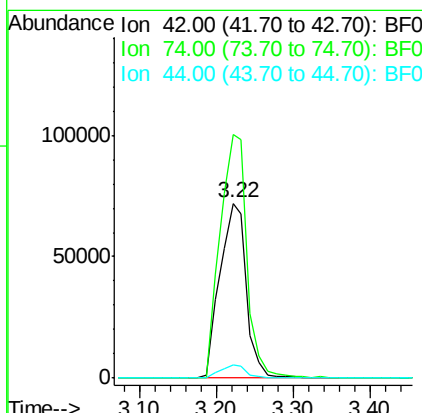
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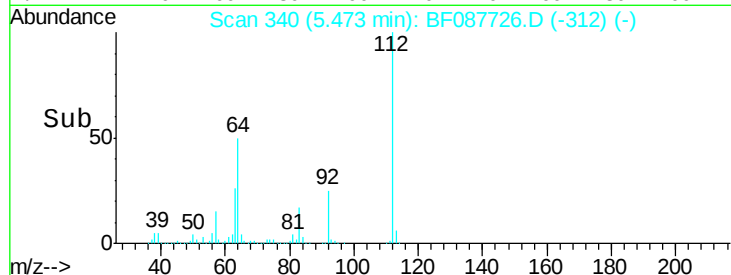
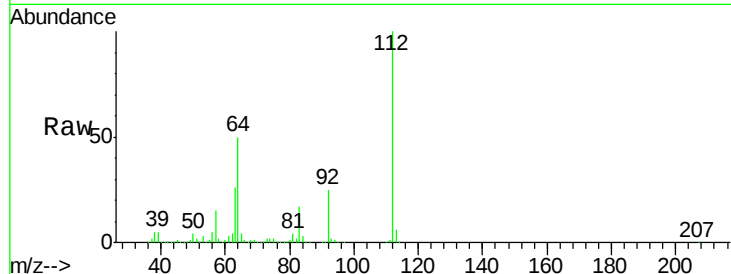
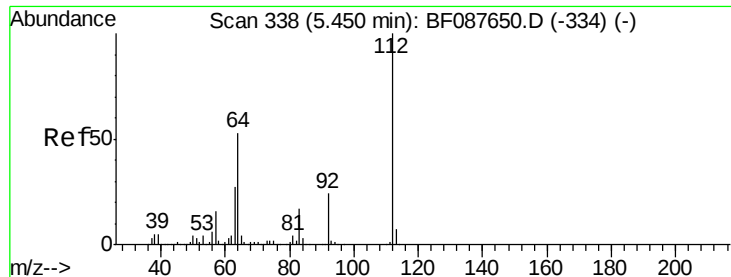
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#4
 n-Nitrosodimethylamine
 Concen: 45.86 ng
 RT: 3.22 min Scan# 143
 Delta R.T. 0.08 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Tgt Ion:	42	Resp:	174982
Ion Ratio	Lower	Upper	
42	100		
74	139.3	108.6	163.0
44	7.2	5.5	8.3





#5

2-Fluorophenol

Concen: 151.69 ng

RT: 5.47 min Scan# 340

Delta R.T. 0.02 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Tot Ion: 112 Resp: 1072933

Ion Ratio Lower Upper

112 100

64 50.5 42.2 63.2

63 26.4 21.8 32.8

Instrument :

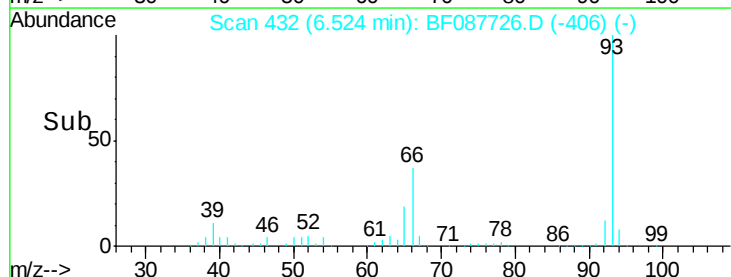
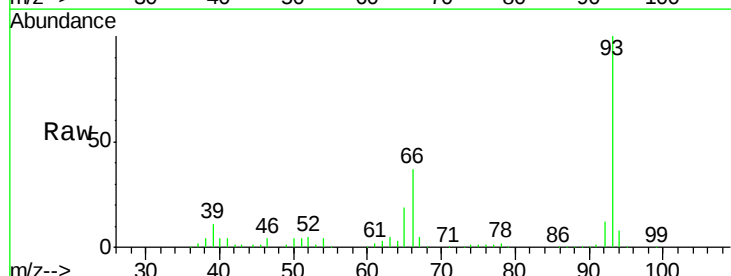
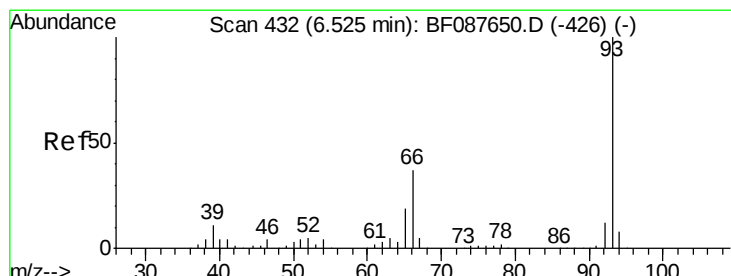
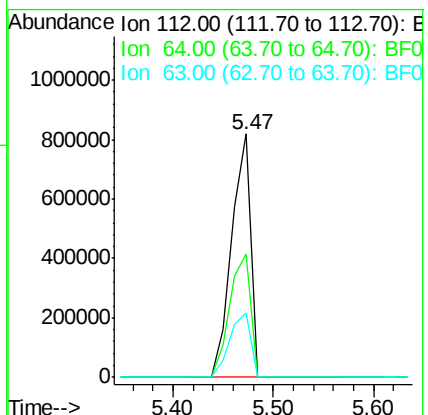
BNA_F

ClientSampleId :

SB-7MS

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#6

Aniline

Concen: 32.17 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

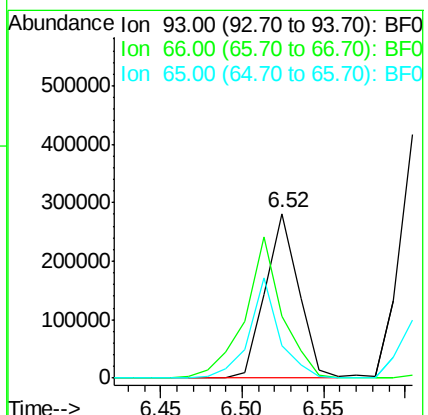
Tgt Ion: 93 Resp: 404495

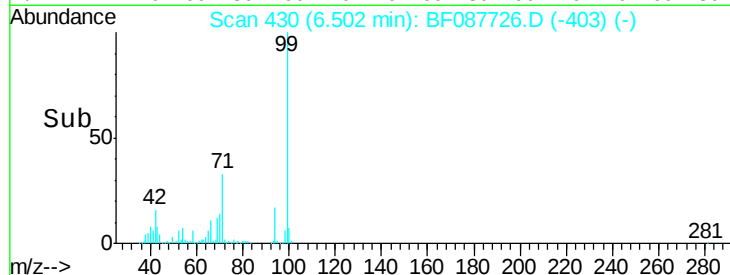
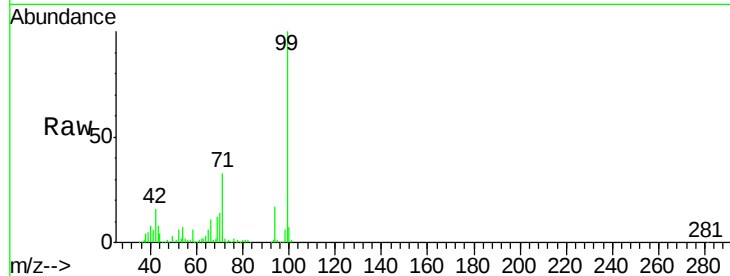
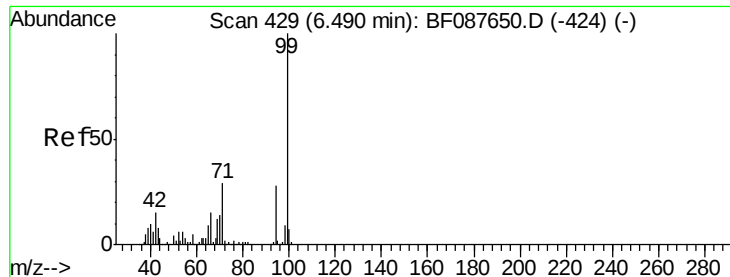
Ion Ratio Lower Upper

93 100

66 37.3 29.8 44.8

65 19.3 14.9 22.3





#7

Phenol-d6

Concen: 143.96 ng

RT: 6.50 min Scan# 430

Delta R.T. 0.01 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Tot Ion: 99 Resp: 1276958

Ion Ratio Lower Upper

99 100

42 16.4 12.2 18.2

71 32.9 23.4 35.0

Instrument :

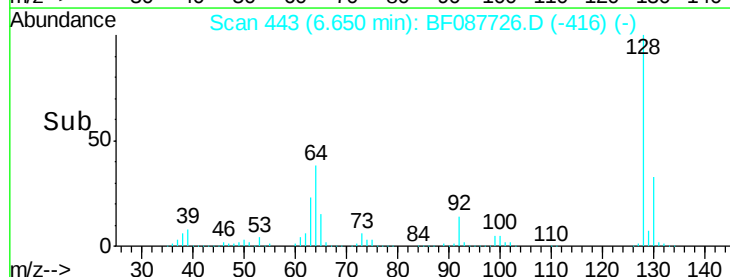
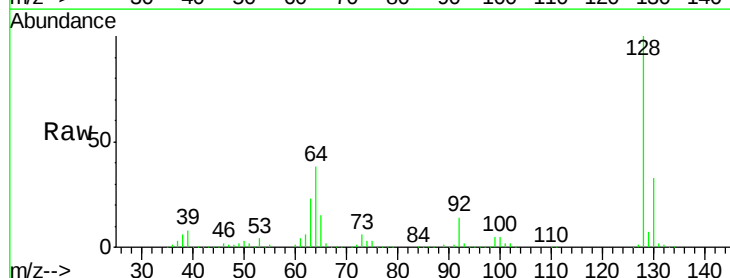
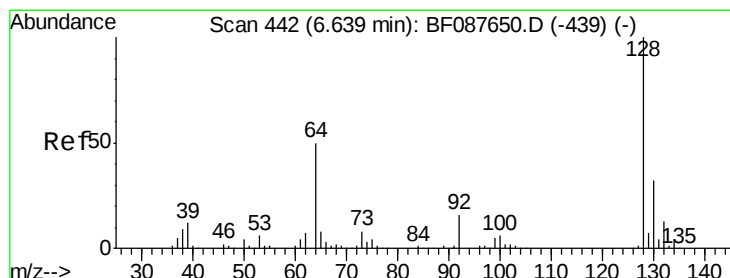
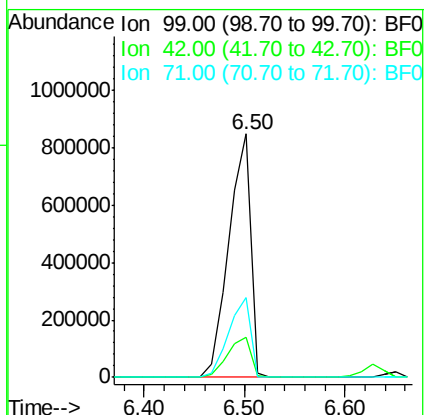
BNA_F

ClientSampleId :

SB-7MS

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#8

2-Chlorophenol

Concen: 49.19 ng

RT: 6.65 min Scan# 443

Delta R.T. 0.01 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

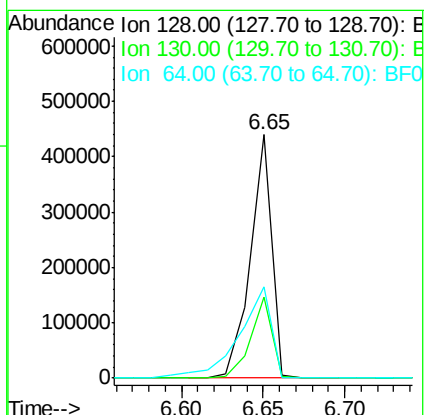
Tgt Ion: 128 Resp: 400369

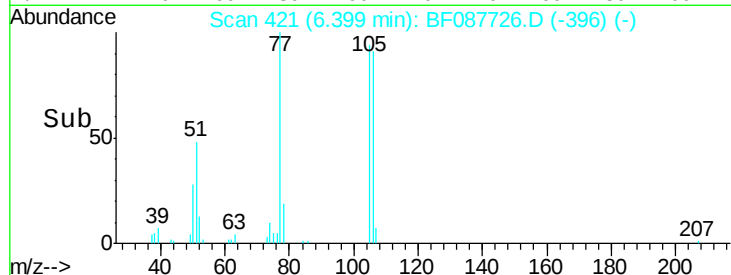
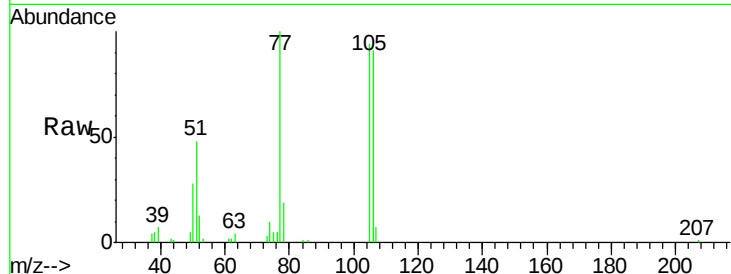
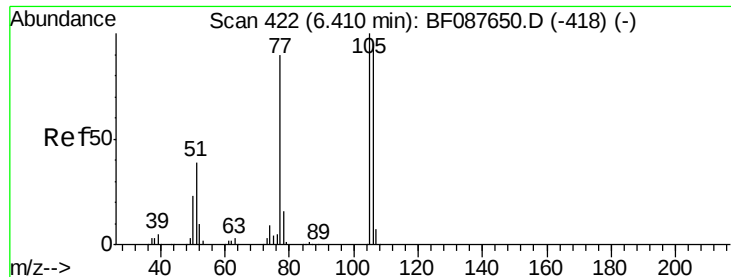
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 37.6 30.8 70.8





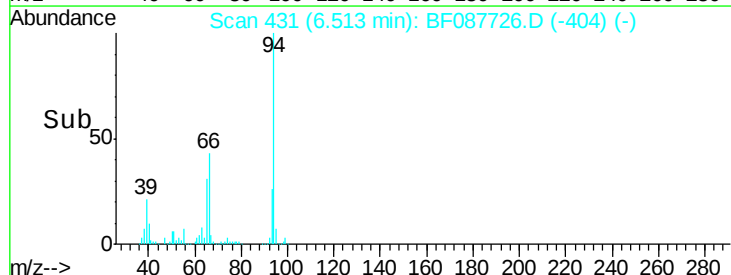
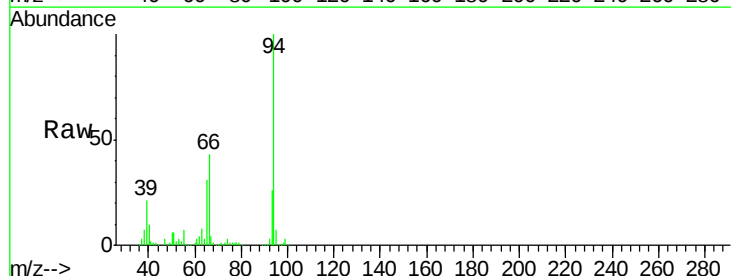
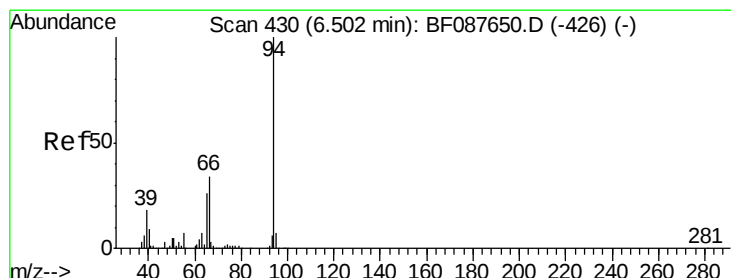
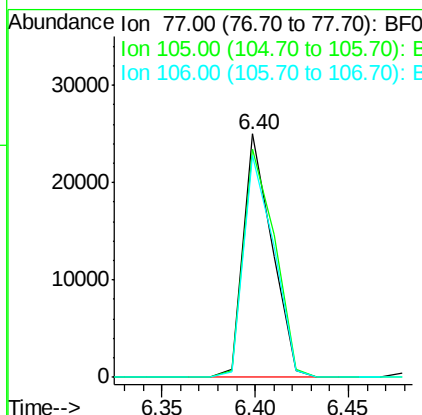
#9
Benzaldehyde
Concen: 4.45 ng
RT: 6.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tot Ion	Ratio	Lower	Upper
77	100		
105	93.5	90.6	130.6
106	91.0	85.3	125.3

Instrument :
BNA_F
ClientSampleId :
SB-7MS

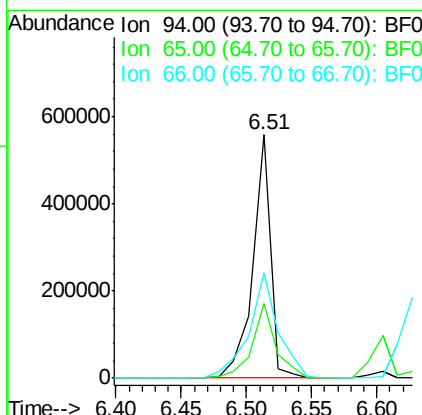
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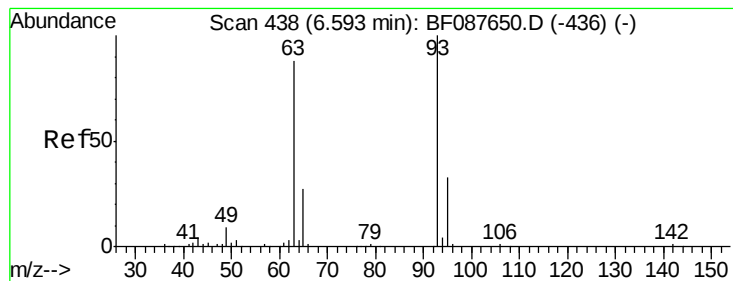
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#10
Phenol
Concen: 52.76 ng
RT: 6.51 min Scan# 431
Delta R.T. 0.01 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.6	5.9	45.9
66	43.1	14.0	54.0





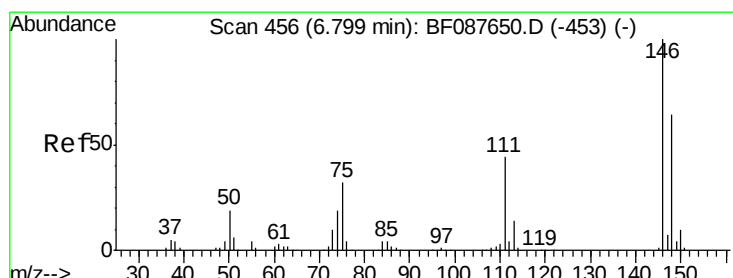
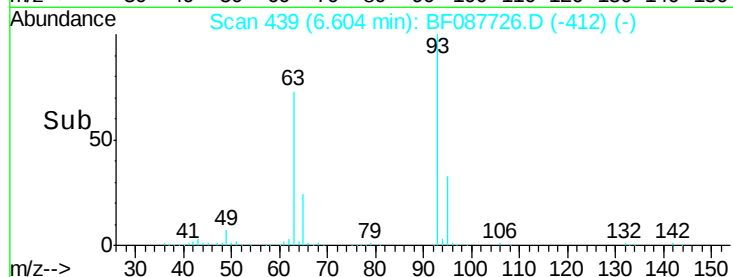
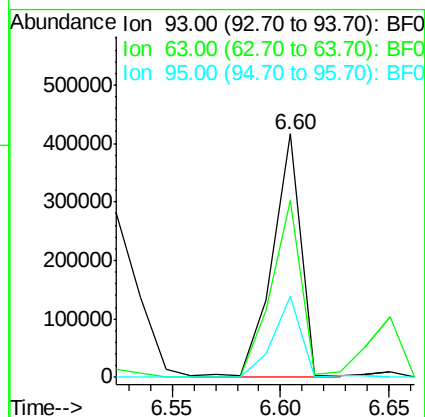
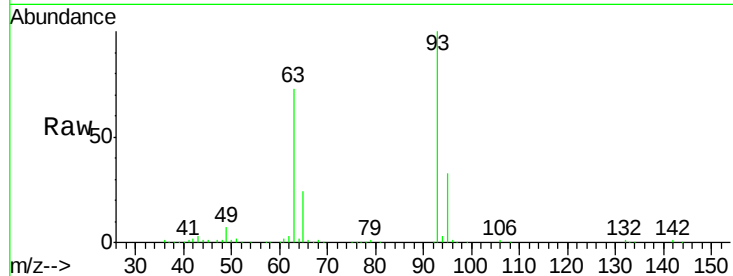
#11
bis(2-Chloroethyl)ether
Concen: 52.40 ng
RT: 6.60 min Scan# 439
Delta R.T. 0.01 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.5	67.6	107.6
95	33.4	12.5	52.5

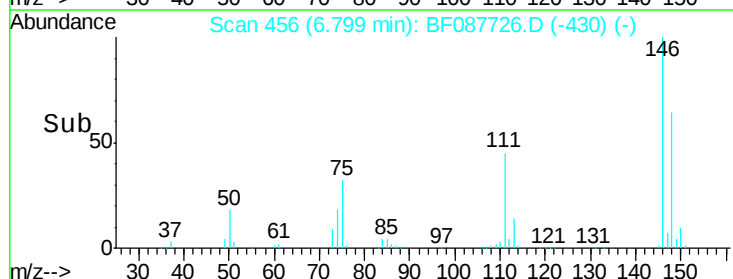
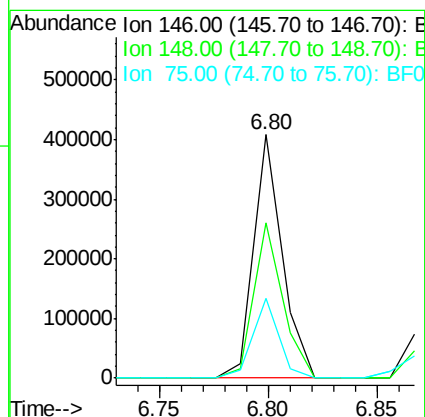
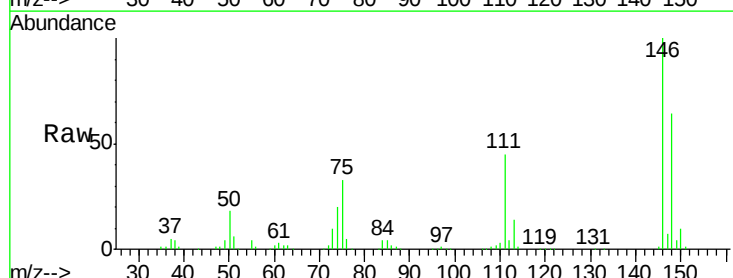
Manual Integrations
APPROVED

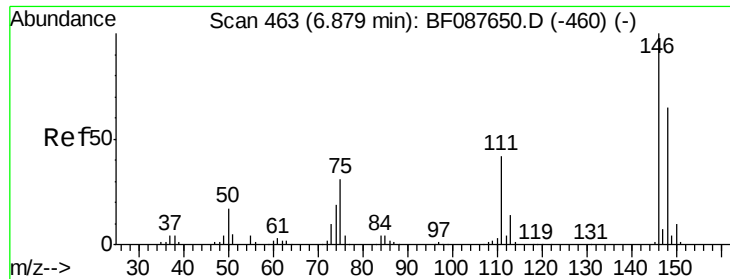
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#12
1,3-Dichlorobenzene
Concen: 42.78 ng
RT: 6.80 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
75	32.6	25.6	38.4





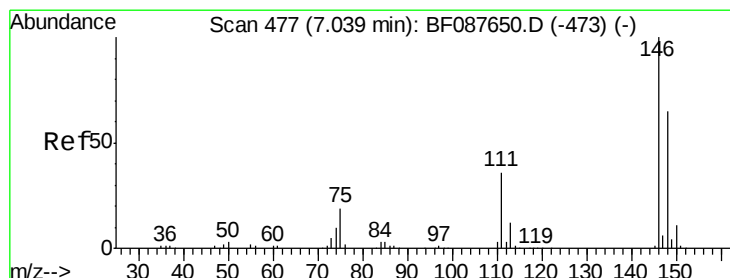
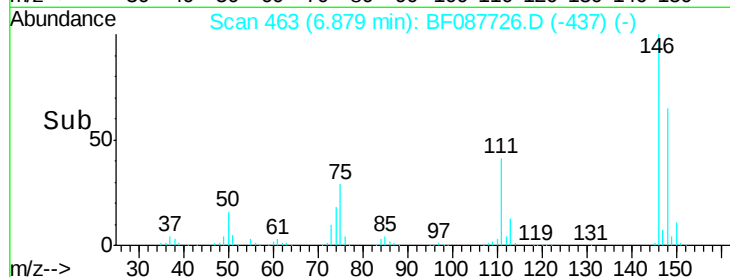
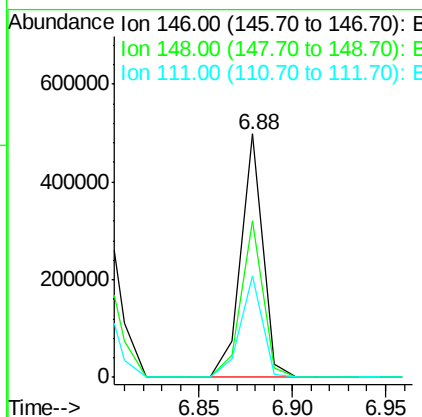
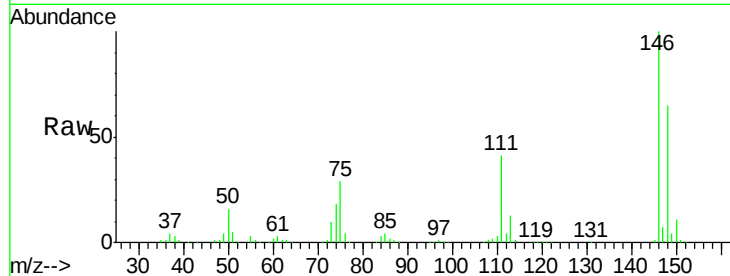
#13
 1,4-Dichlorobenzene
 Concen: 47.06 ng
 RT: 6.88 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
411479	146	100			
	148	64.5	52.0	78.0	
	111	41.5	33.8	50.8	

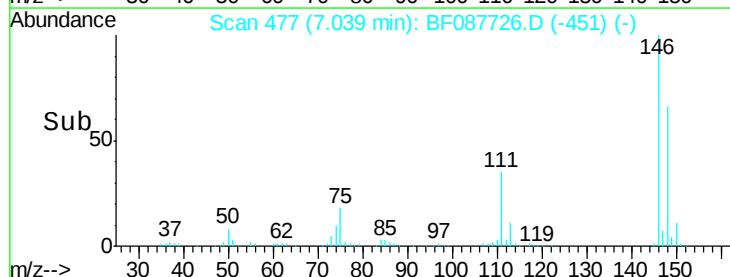
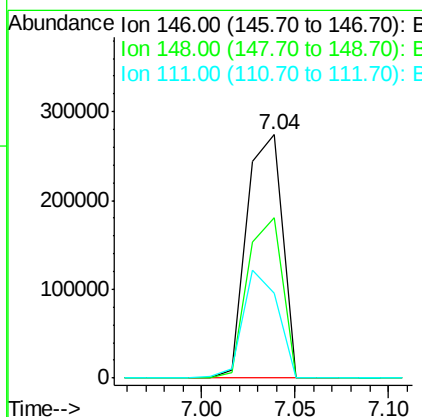
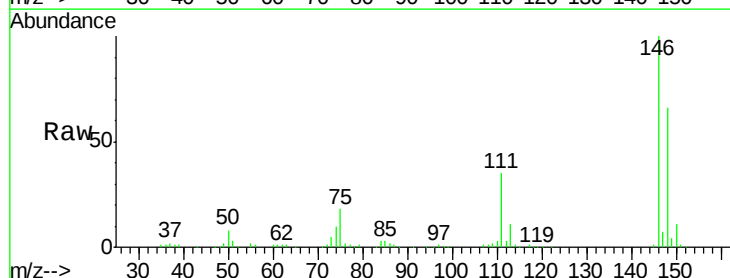
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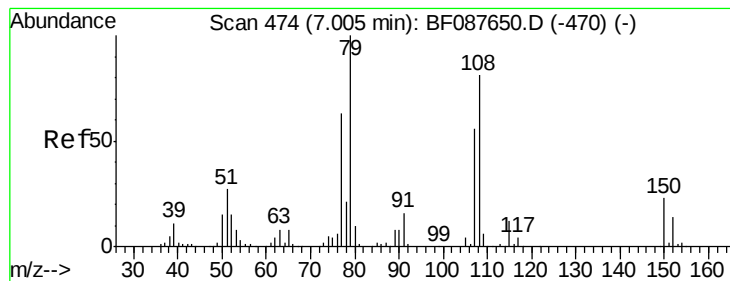
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#14
 1,2-Dichlorobenzene
 Concen: 44.20 ng
 RT: 7.04 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
362353	146	100			
	148	65.8	52.3	78.5	
	111	34.8	28.7	43.1	





#15

Benzyl Alcohol

Concen: 44.60 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

ClientSampled :

SB-7MS

Tot Ion: 79 Resp: 292276

Ion Ratio Lower Upper

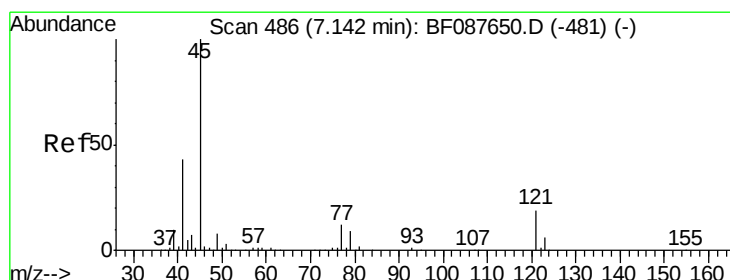
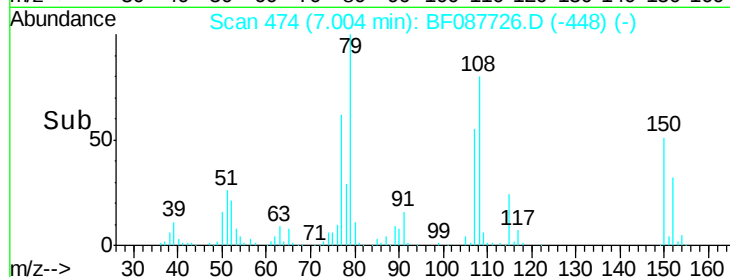
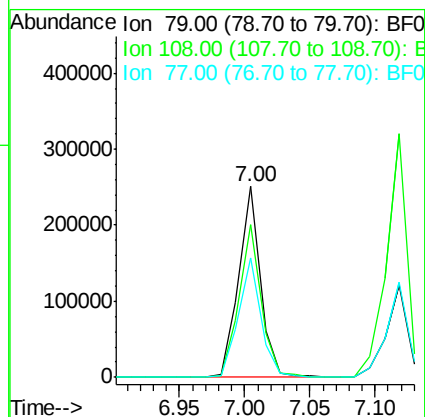
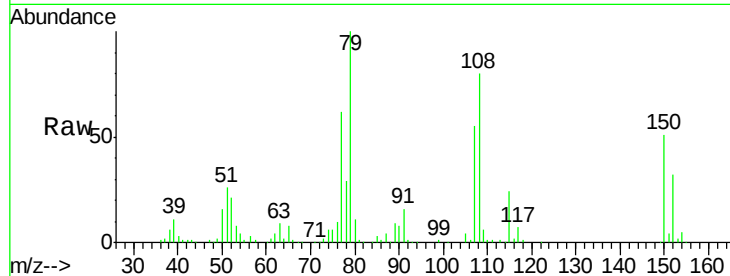
79 100

108 80.3 65.0 97.6

77 62.4 50.3 75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.09 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

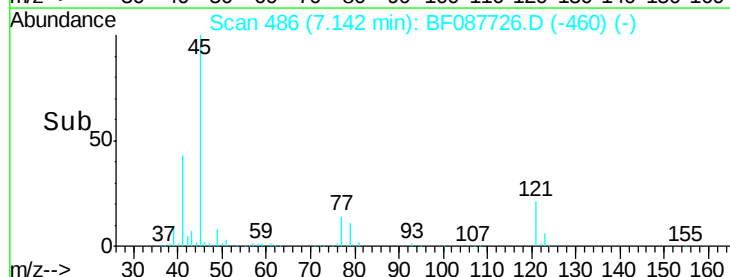
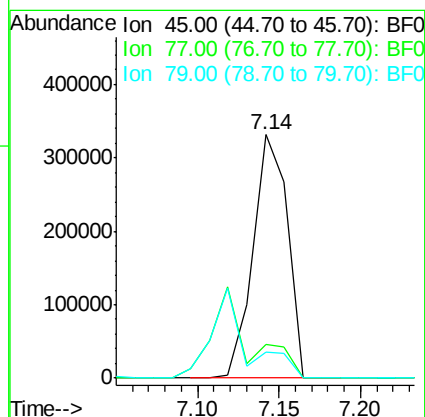
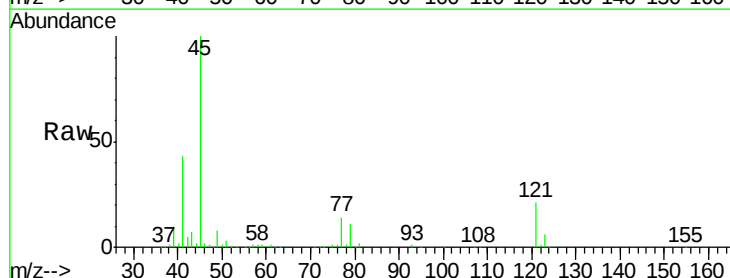
Tgt Ion: 45 Resp: 482608

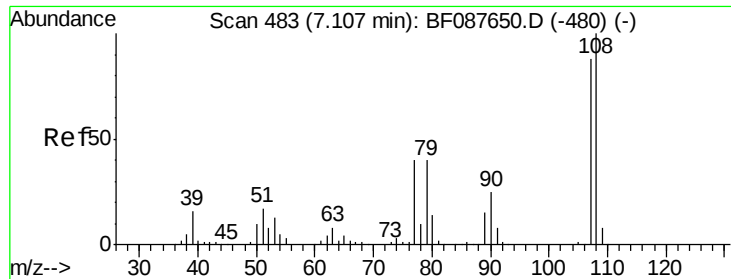
Ion Ratio Lower Upper

45 100

77 13.9 0.0 32.5

79 10.6 0.0 29.5





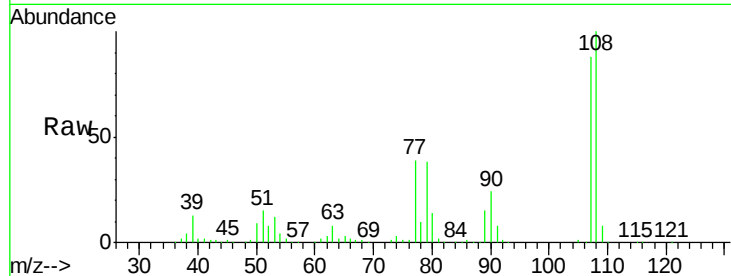
#17
2-Methylphenol
Concen: 47.19 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampled :
SB-7MS

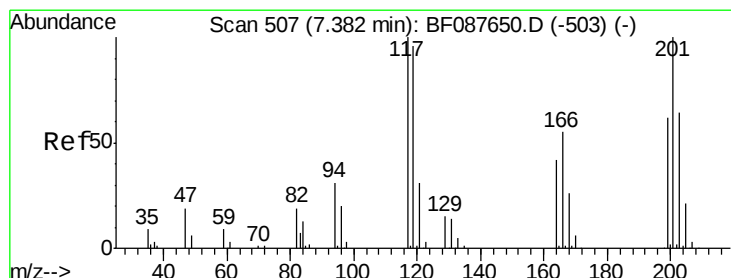
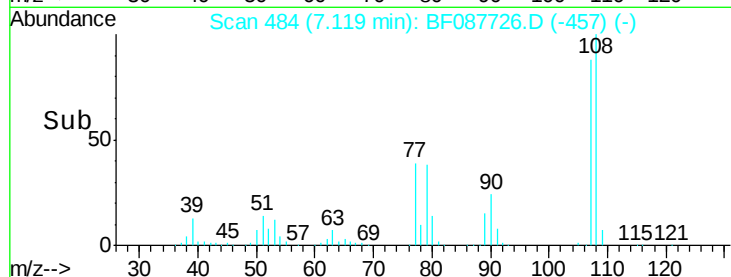
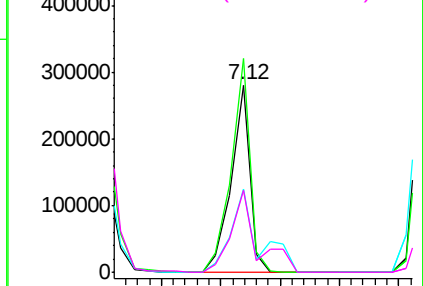
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	90.9	136.3	
77	44.5	36.6	55.0	
79	43.5	36.5	54.7	

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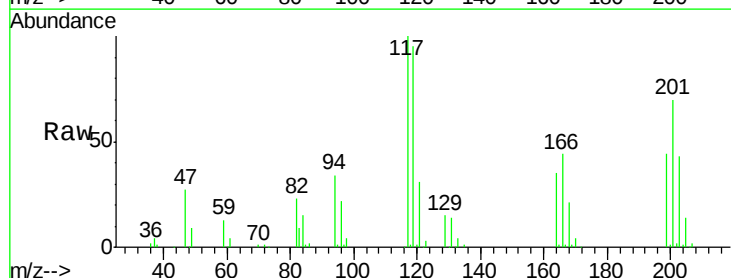


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

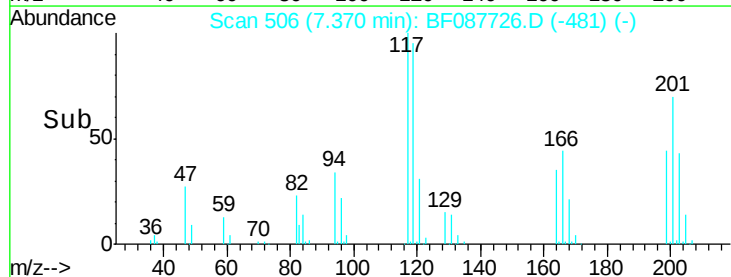
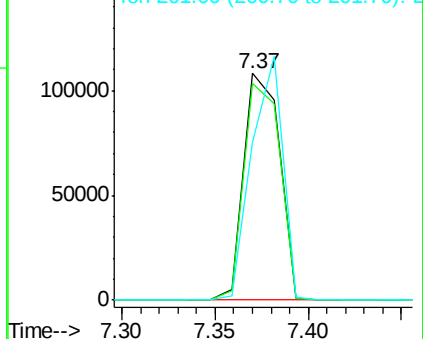


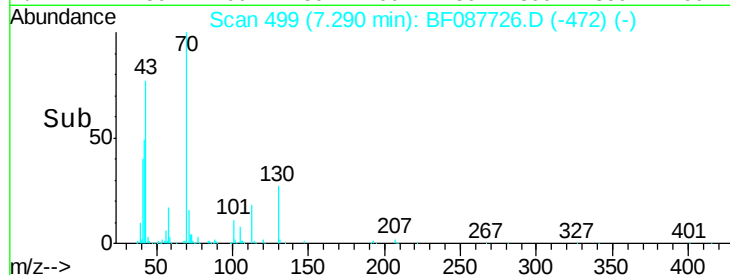
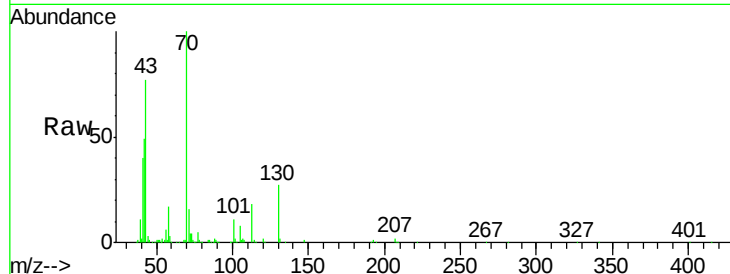
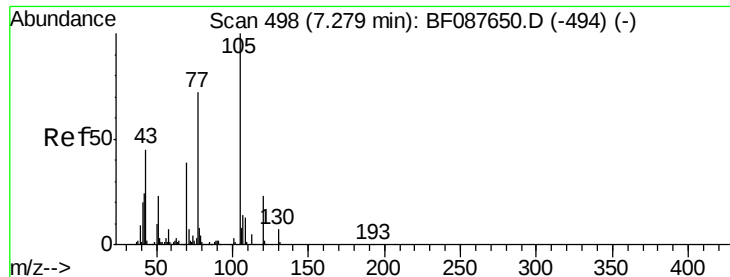
#18
Hexachloroethane
Concen: 46.97 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	77.4	116.2	
201	69.5	80.4	120.6	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





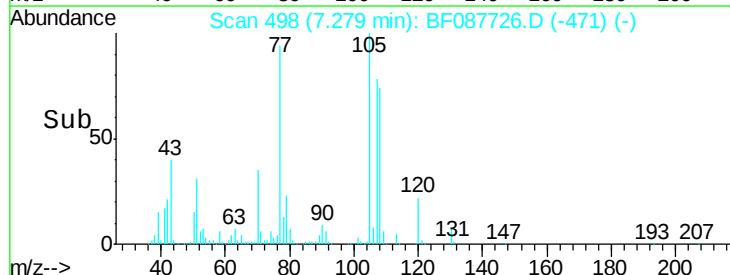
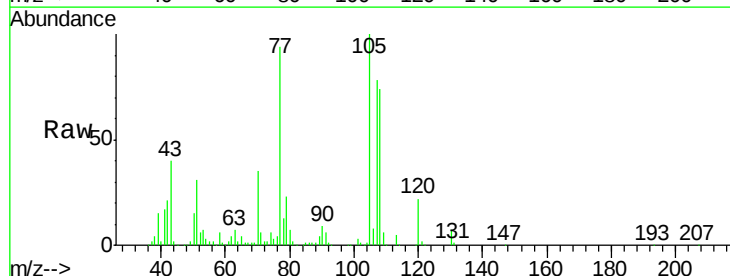
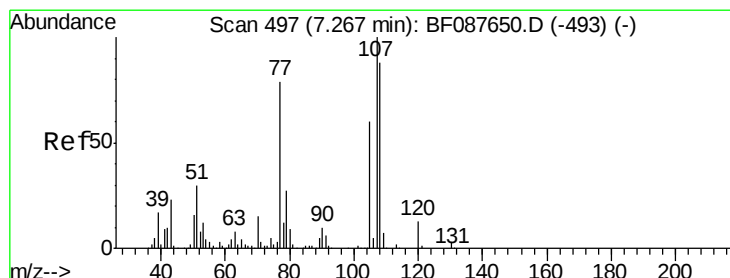
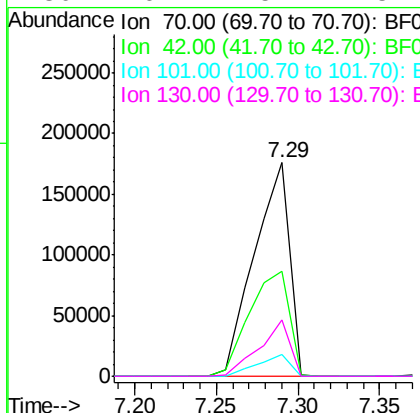
#19
n-Nitroso-di-n-propylamine
Concen: 47.68 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.01 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampled :
SB-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		264163		
42	49.4	49.6	74.4#		
101	10.5	7.1	10.7		
130	26.7	15.4	23.2#		

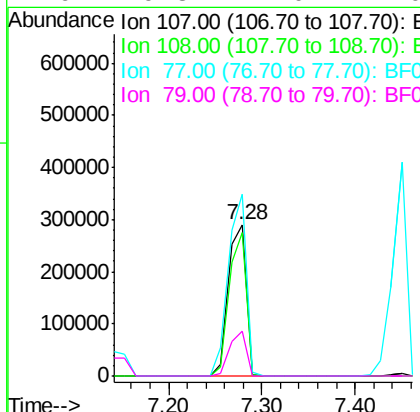
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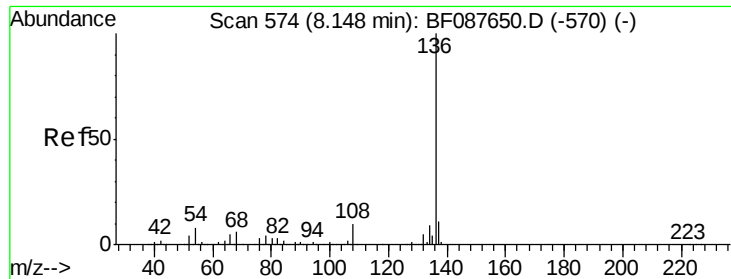
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#20
3+4-Methylphenols
Concen: 48.94 ng
RT: 7.28 min Scan# 498
Delta R.T. 0.01 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		391870		
108	95.0	67.8	107.8		
77	119.7	59.3	99.3#		
79	29.8	7.0	47.0		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

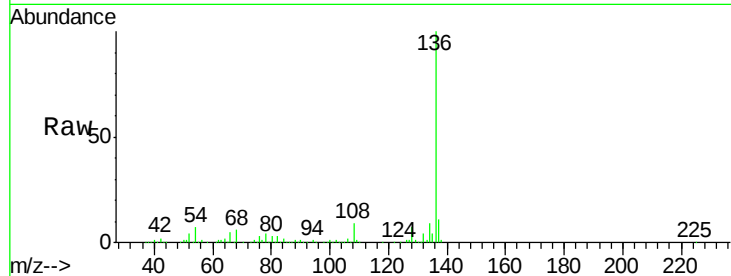
ClientSampleId :

SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	473557		
137	11.1	9.1	13.7	
54	7.2	6.6	10.0	
68	5.8	5.1	7.7	

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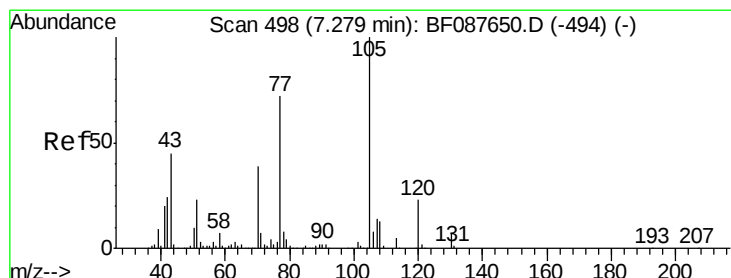
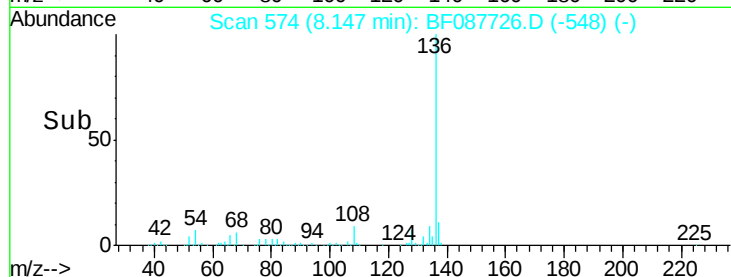
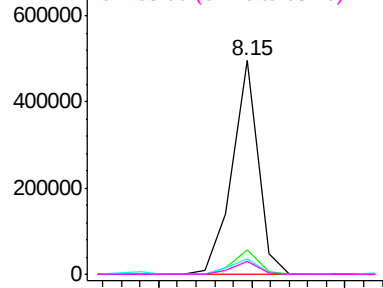


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.46 ng

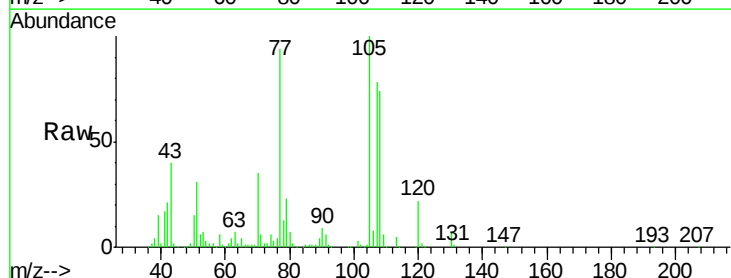
RT: 7.28 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	487628		
71	5.8	5.3	7.9	
51	30.8	18.2	27.4	
120	22.2	18.0	27.0	

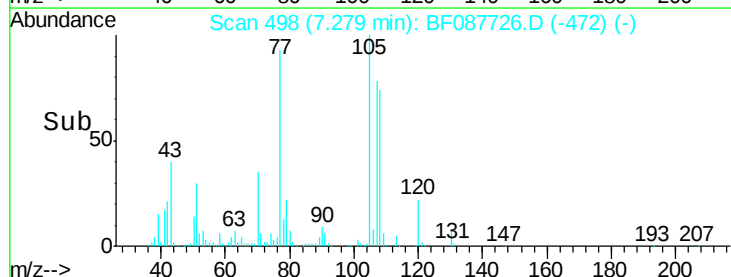
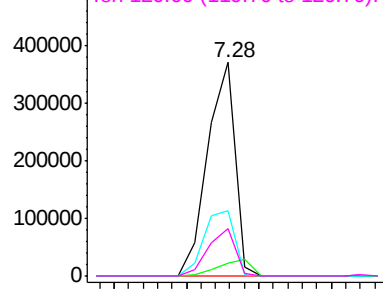


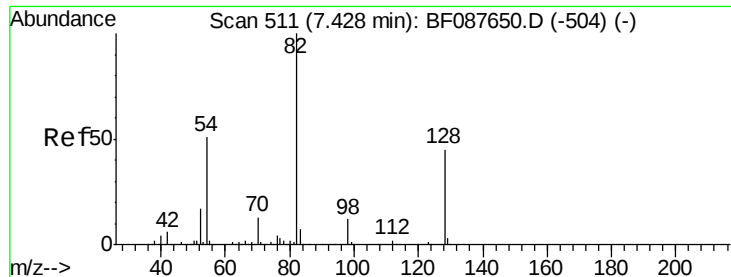
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





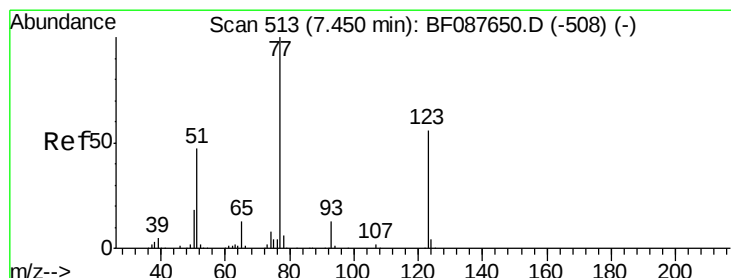
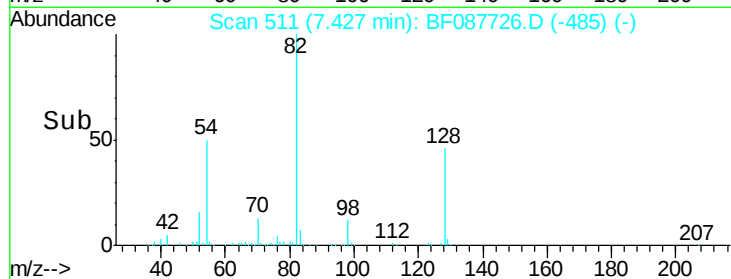
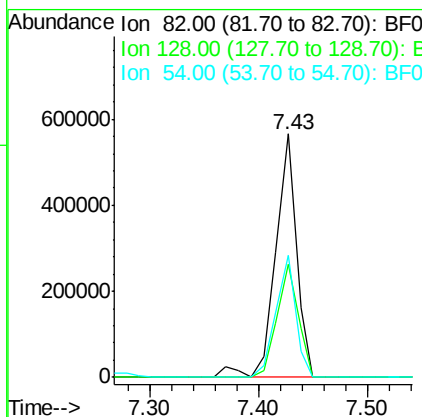
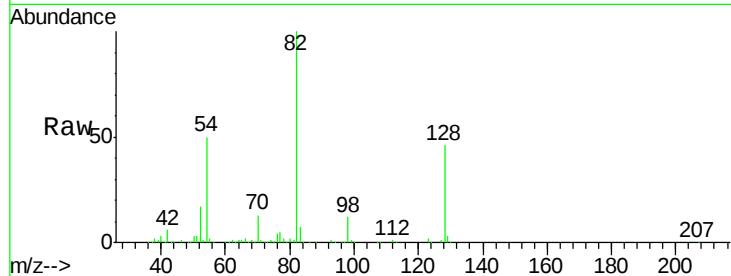
#23
 Nitrobenzene-d5
 Concen: 93.01 ng
 RT: 7.43 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Instrument :
 BNA_F
 ClientSampled :
 SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	761273		
128	46.2		35.9	53.9
54	50.0		40.9	61.3

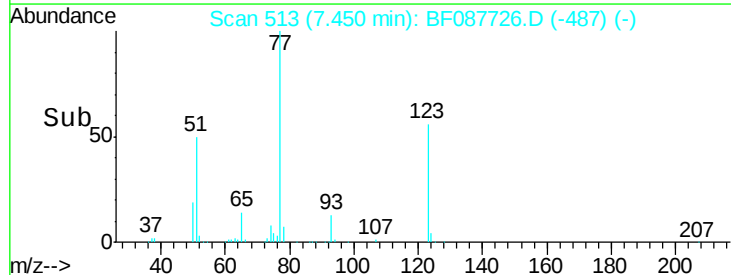
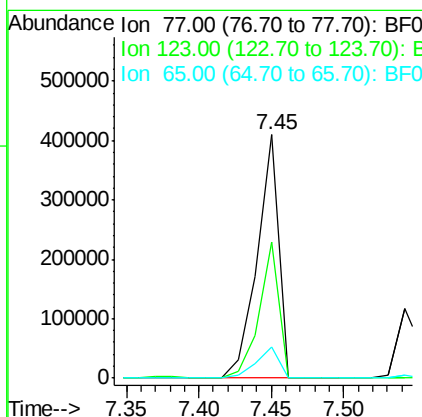
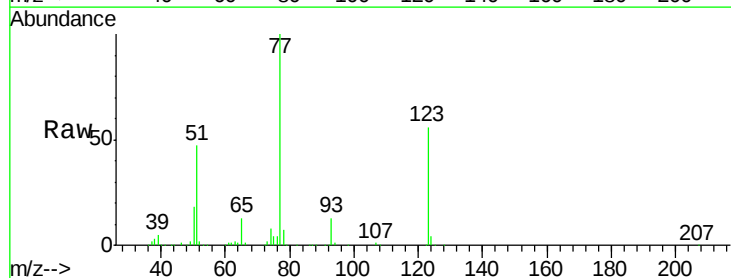
Manual Integrations
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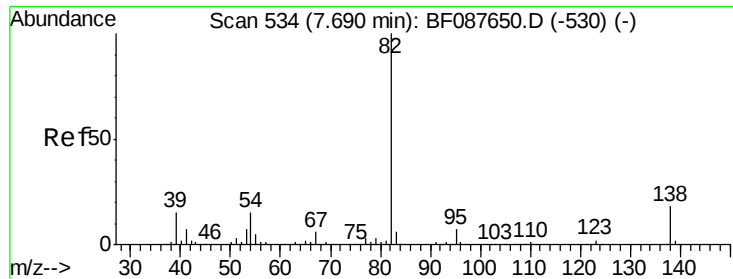
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#24
 Nitrobenzene
 Concen: 51.34 ng
 RT: 7.45 min Scan# 513
 Delta R.T. -0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	420557		
123	55.9		45.0	67.4
65	12.7		10.2	15.2





#25

Isophorone

Concen: 46.97 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

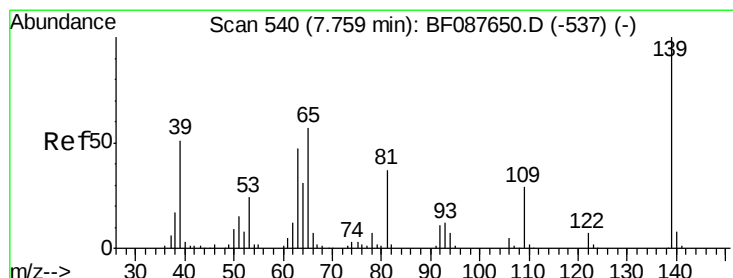
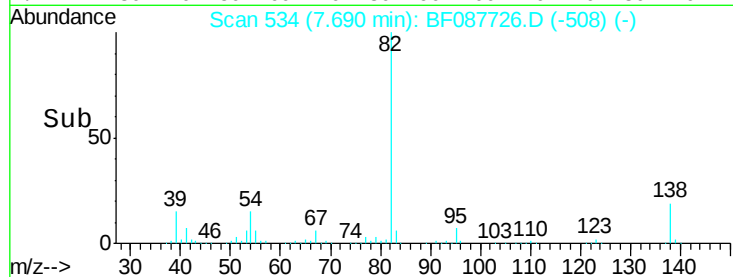
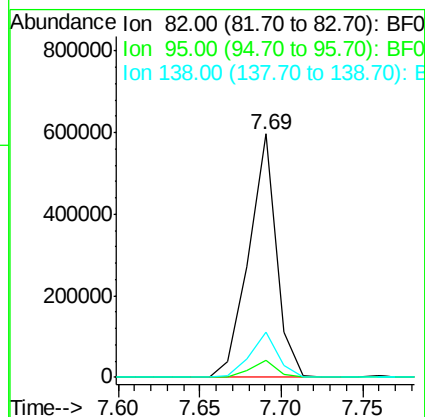
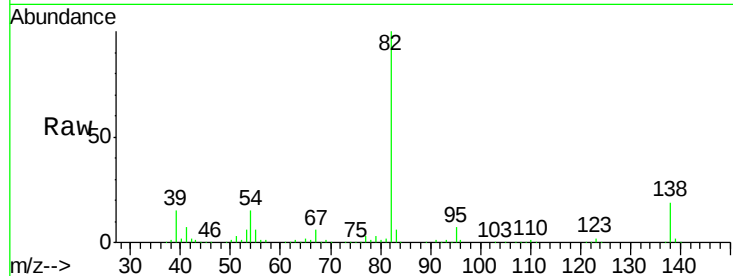
ClientSampleId :

SB-7MS

Tot Ion:	82	Resp:	699879
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.4	8.2
138	18.8	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 50.02 ng

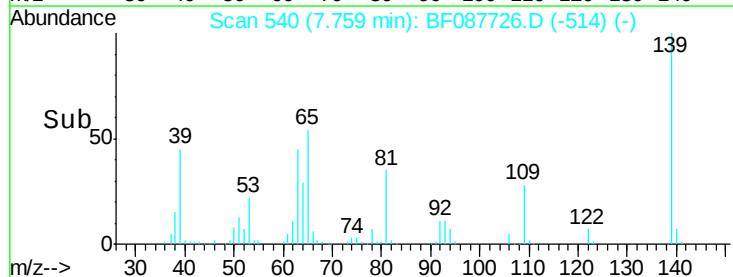
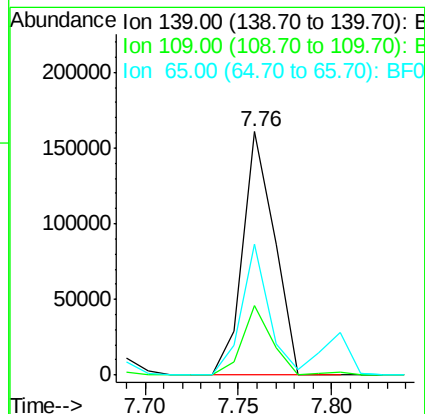
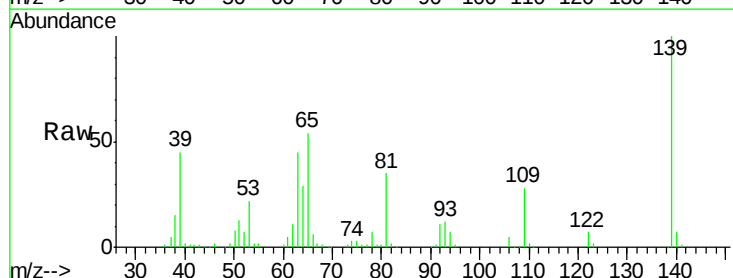
RT: 7.76 min Scan# 540

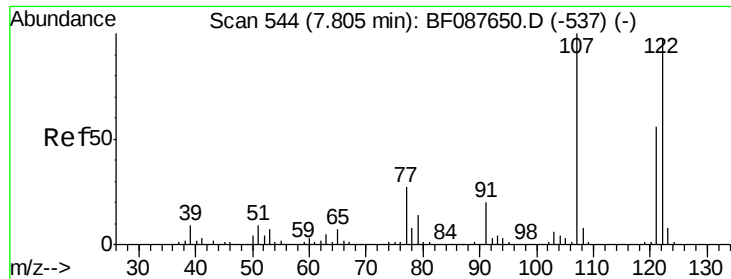
Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Tgt Ion:	139	Resp:	190406
Ion Ratio	Lower	Upper	
139	100		
109	28.5	23.0	34.4
65	53.7	45.8	68.8





#27

2,4-Dimethylphenol

Concen: 46.32 ng

RT: 7.80 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

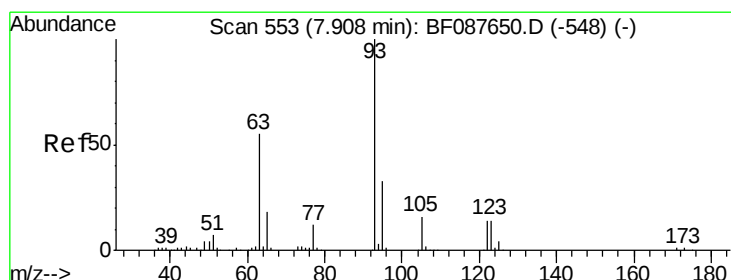
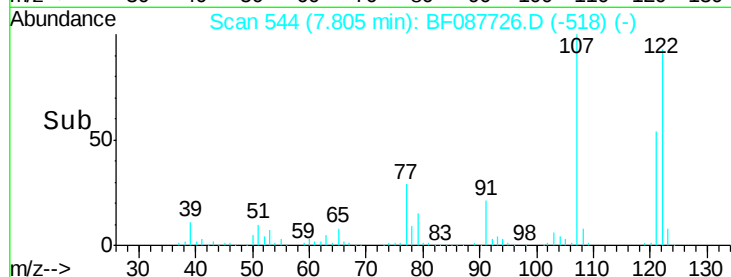
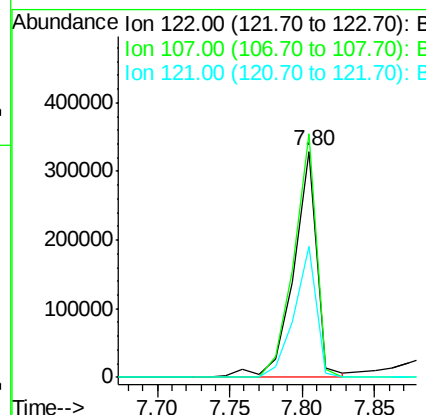
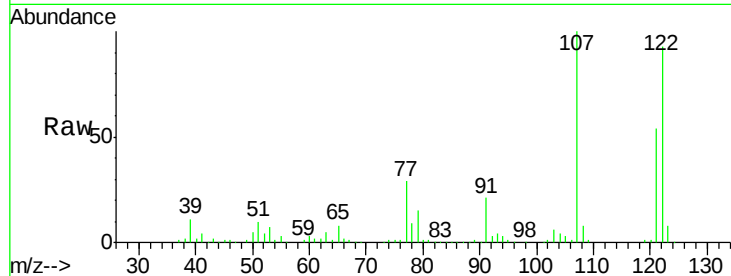
ClientSampleId :

SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	365377		
107	107.6	82.4	123.6	
121	57.7	46.3	69.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 45.41 ng

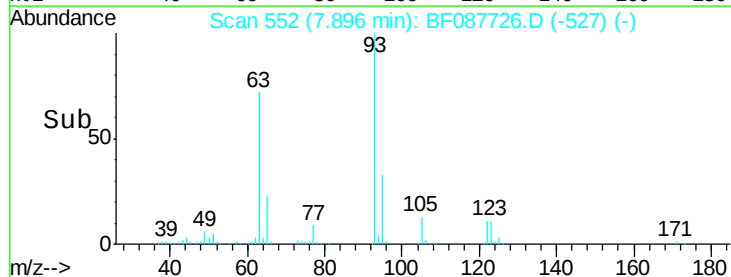
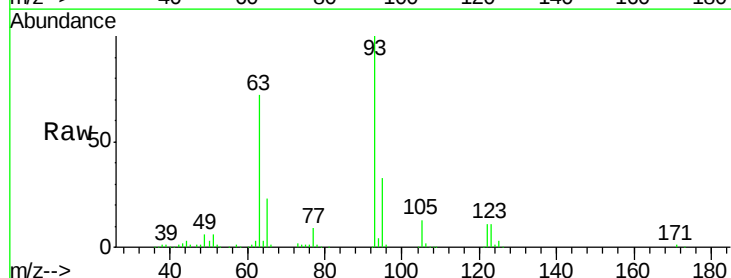
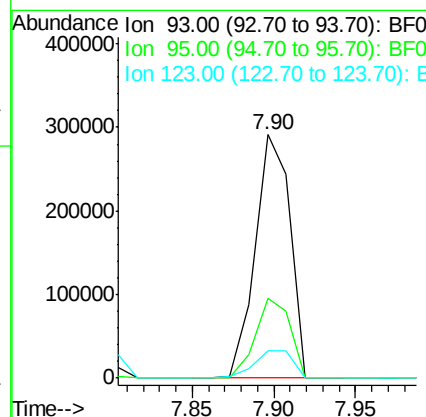
RT: 7.90 min Scan# 552

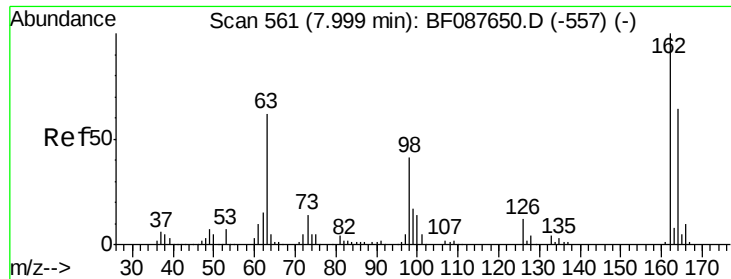
Delta R.T. -0.01 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	429201		
95	32.6	26.5	39.7	
123	11.3	11.6	17.4	





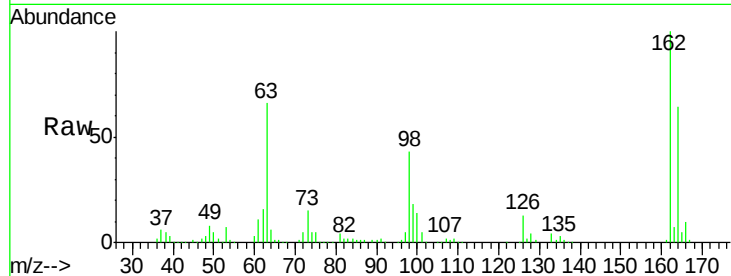
#29
2,4-Dichlorophenol
Concen: 48.48 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		314088		
164	63.7	43.8	83.8		
98	42.9	21.3	61.3		

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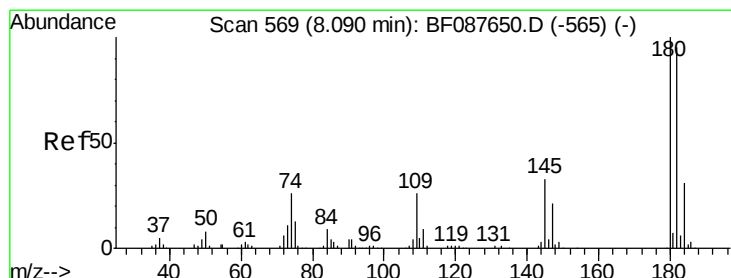
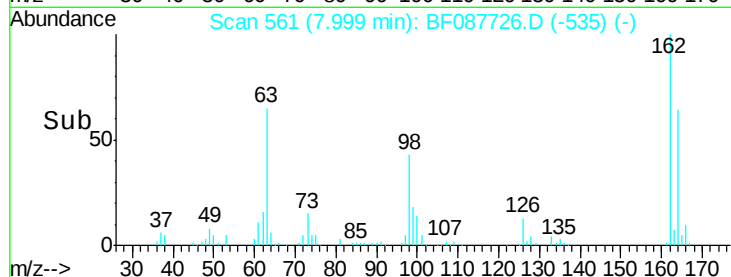
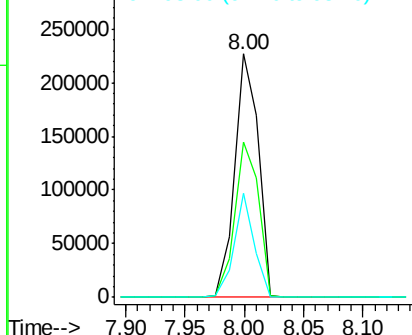


Abundance

Ion 162.00 (161.70 to 162.70): E

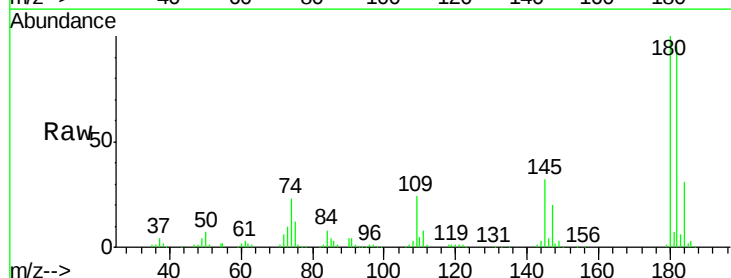
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30
1,2,4-Trichlorobenzene
Concen: 48.34 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		327952		
182	95.4	76.0	114.0		
145	31.9	26.5	39.7		

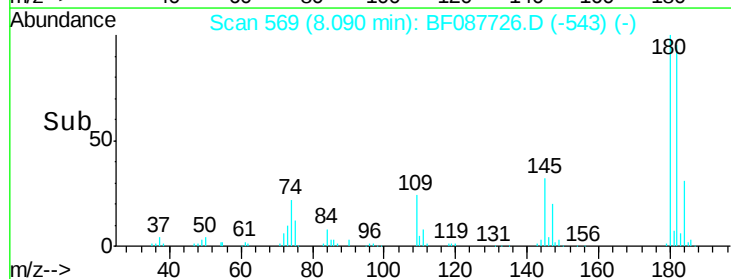
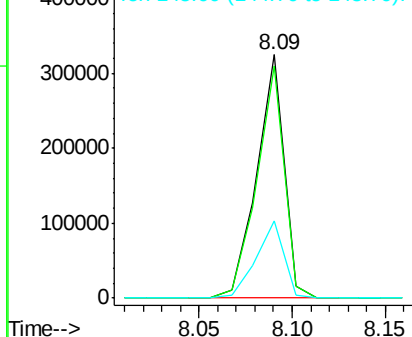


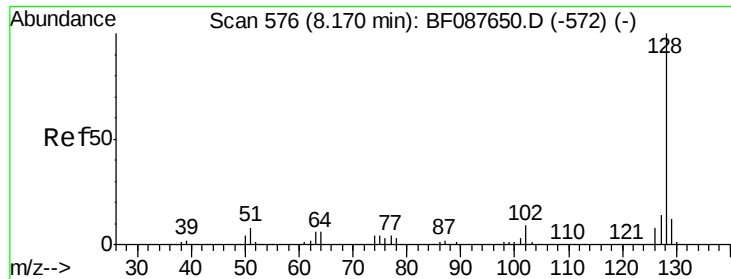
Abundance

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





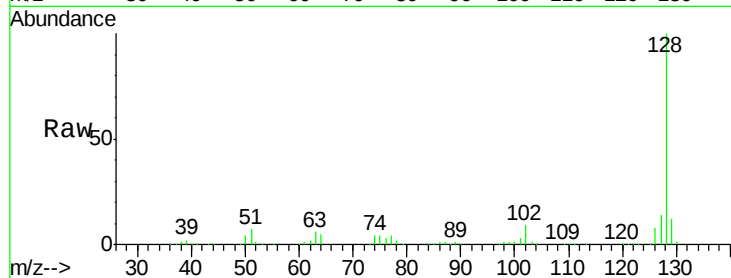
#31
Naphthalene
Concen: 47.86 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.6	10.9	16.3

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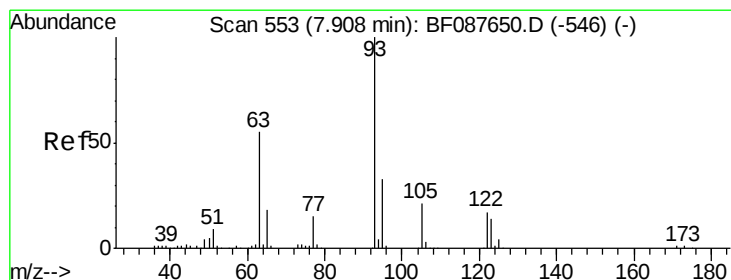
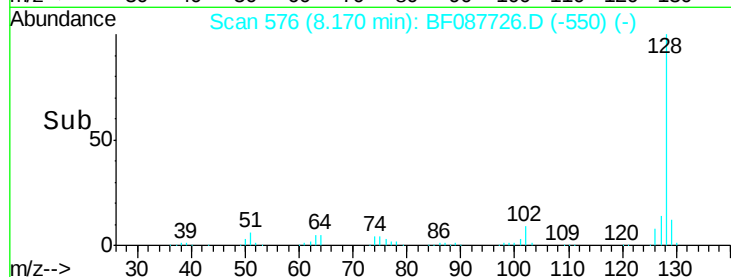
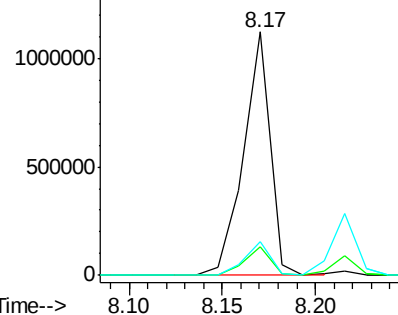


Abundance

Ion 128.00 (127.70 to 128.70): E

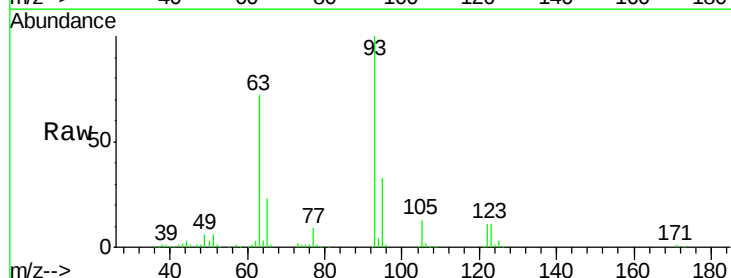
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 15.95 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.1	101.6	141.6
77	82.0	70.6	110.6

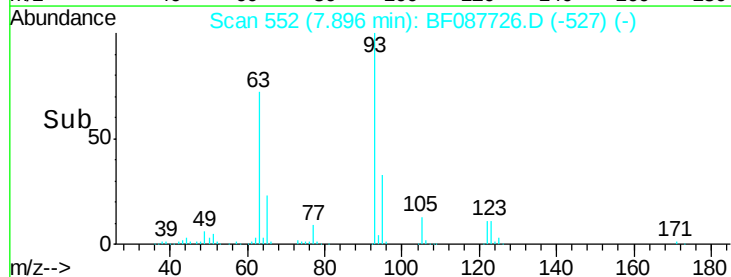
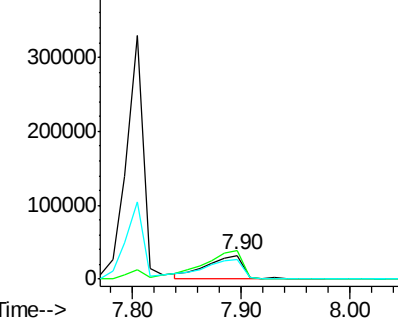


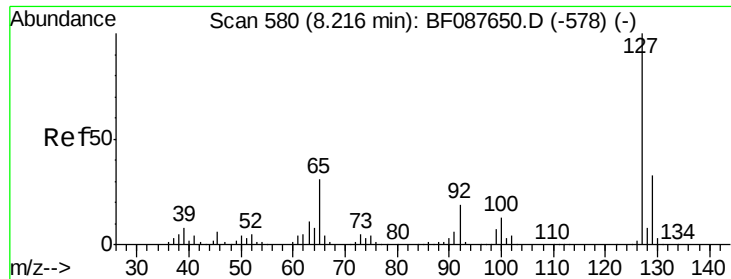
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





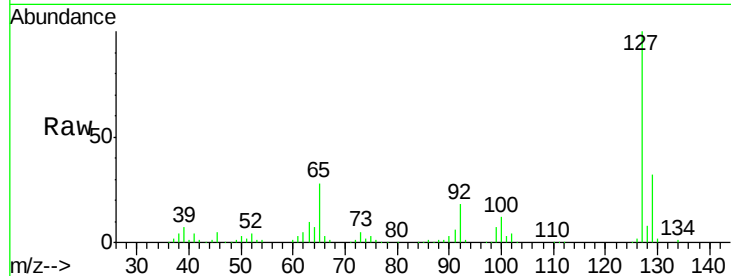
#33
4-Chloroaniline
Concen: 26.65 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampleId :
SB-7MS

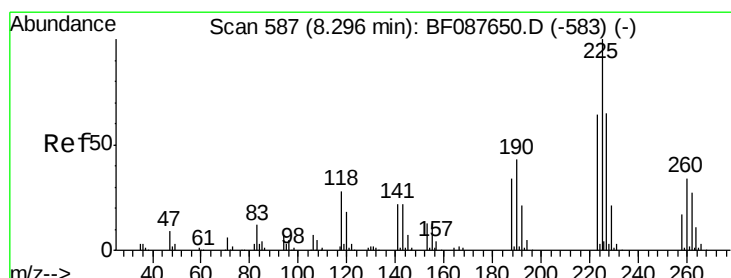
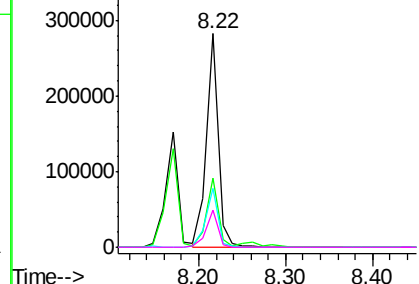
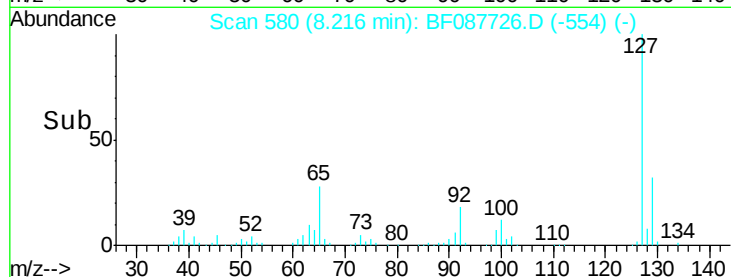
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		266590		
129	32.3	26.3	39.5		
65	27.7	24.7	37.1		
92	17.6	15.4	23.0		

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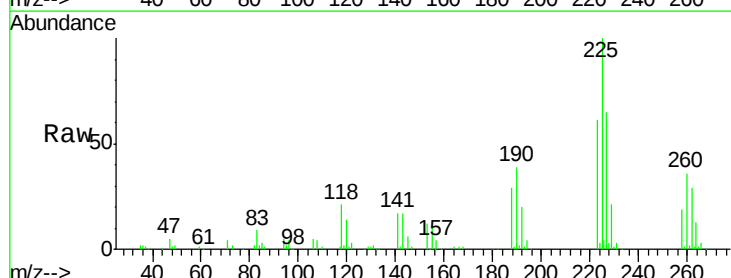


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

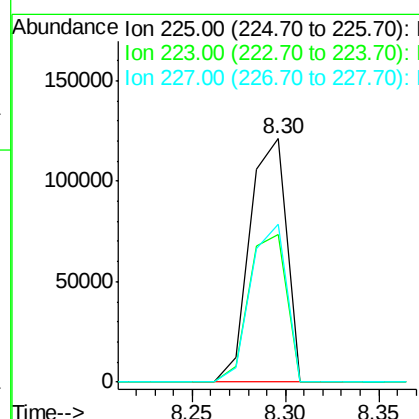
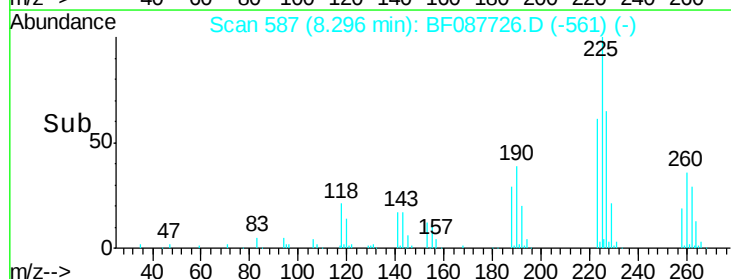


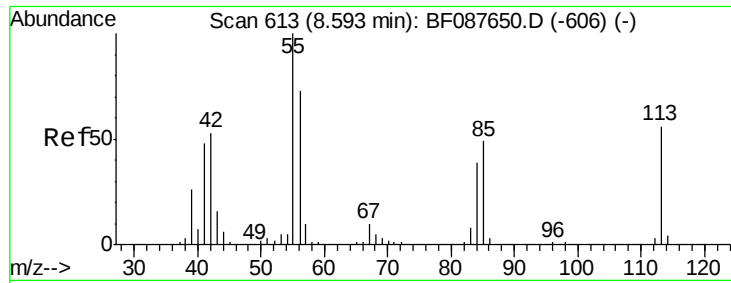
#34
Hexachlorobutadiene
Concen: 46.60 ng
RT: 8.30 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		164361		
223	60.7	50.9	76.3		
227	64.9	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





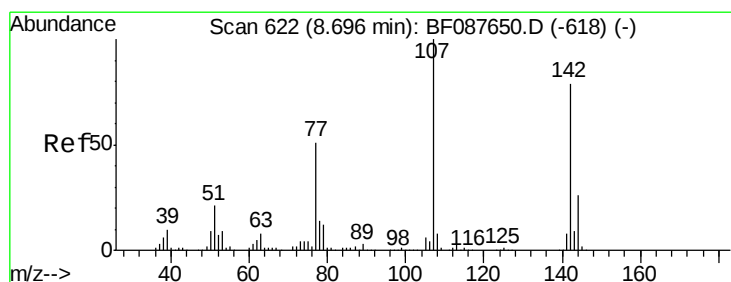
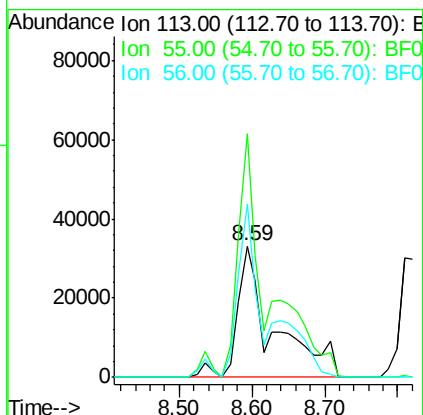
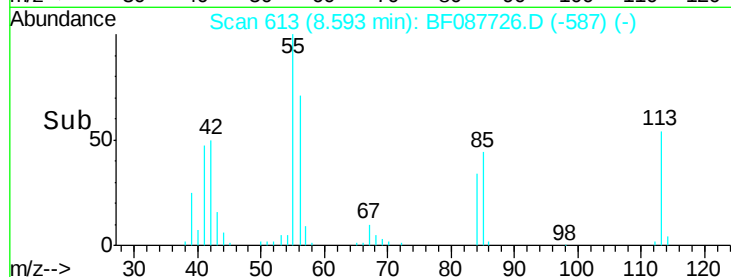
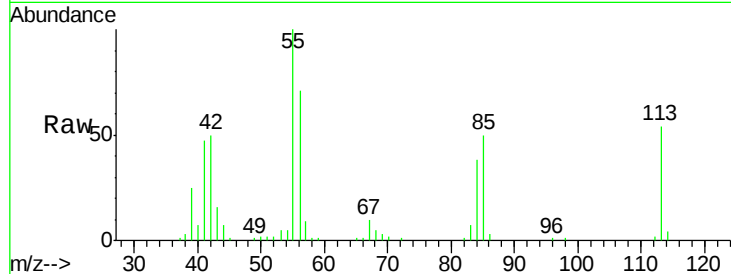
#35
 Caprolactam
 Concen: 52.73 ng/ml
 RT: 8.59 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	185.4		158.6	198.6	
56	132.2		110.6	150.6	

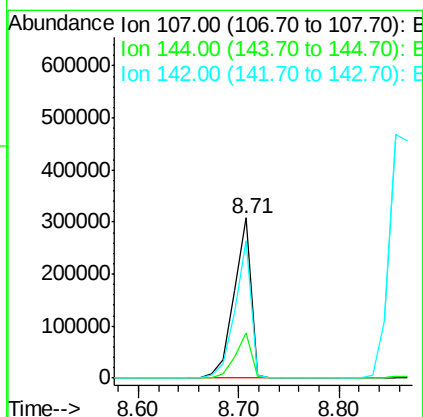
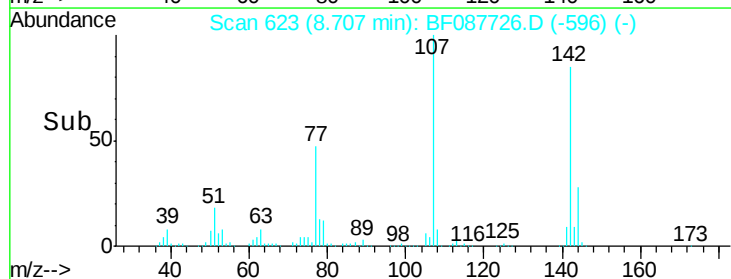
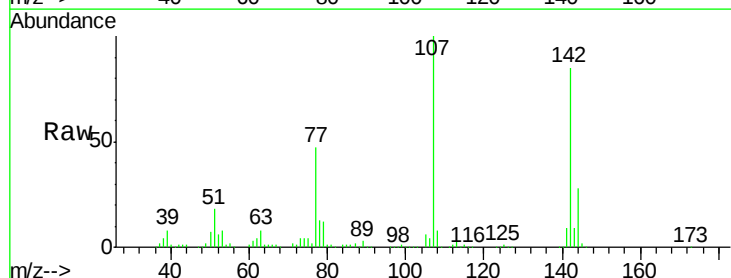
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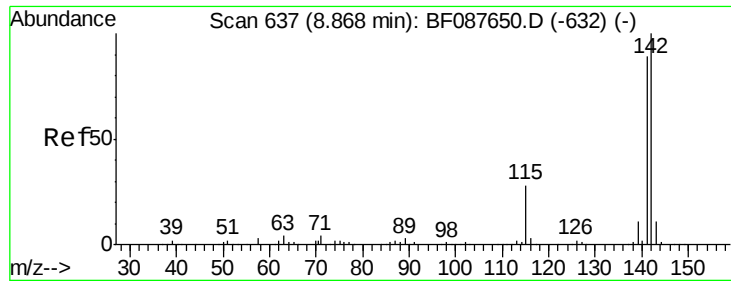
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#36
 4-Chloro-3-methylphenol
 Concen: 53.92 ng/ml
 RT: 8.71 min Scan# 623
 Delta R.T. 0.01 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.8		20.8	31.2	
142	85.4		63.4	95.2	





#37

2-Methylnaphthalene

Concen: 46.94 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

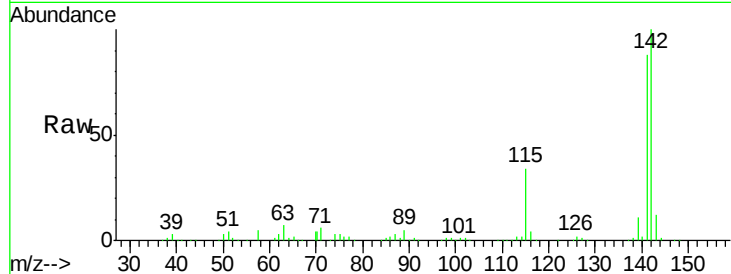
ClientSampleId :

SB-7MS

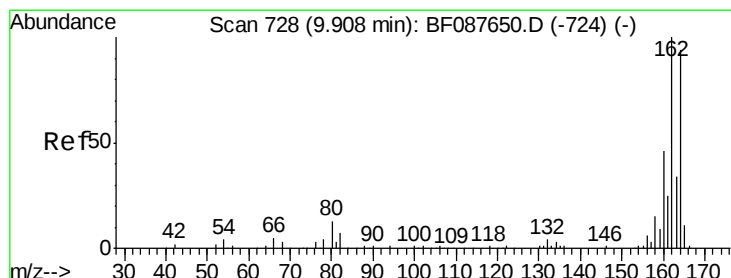
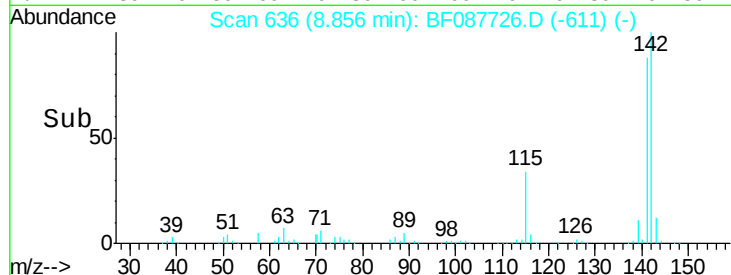
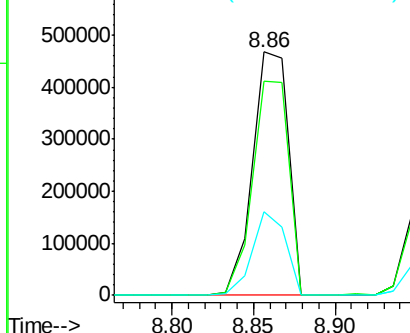
Tot Ion:	142	Resp:	713720
Ion Ratio	Lower	Upper	
142	100		
141	88.2	71.0	106.6
115	34.5	22.6	33.8#

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



#38

Acenaphthene-d10

Concen: 20.00 ng

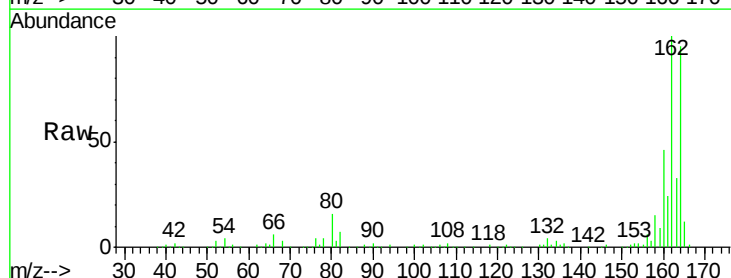
RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

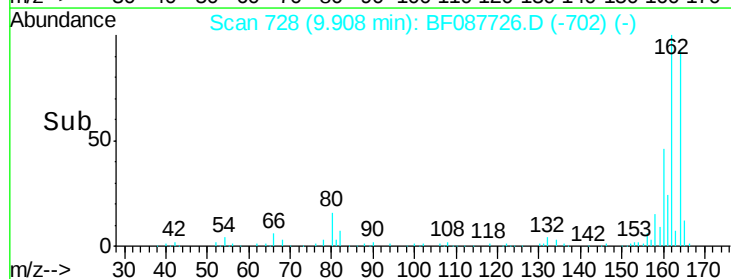
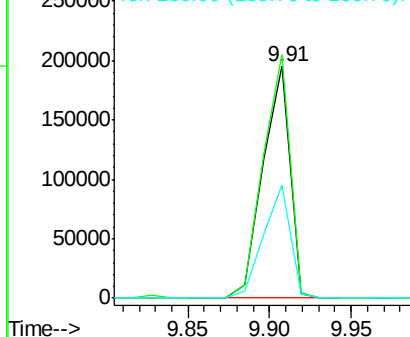
Lab File: BF087726.D

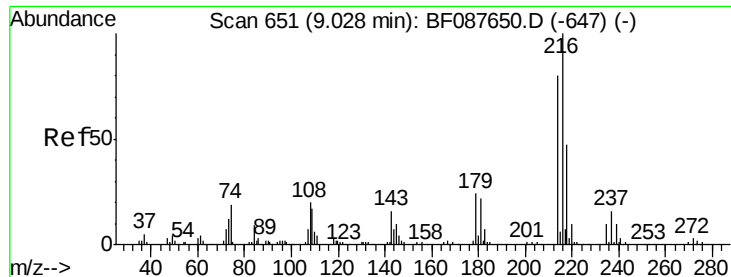
Acq: 6 Jun 2016 00:22

Tgt Ion:	164	Resp:	225256
Ion Ratio	Lower	Upper	
164	100		
162	105.0	85.4	128.2
160	48.6	39.5	59.3



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.63 ng

RT: 9.03 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:216 Resp: 277079
Ion Ratio Lower Upper

216 100

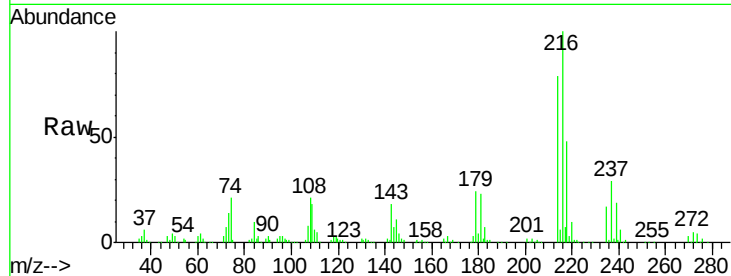
214 78.7 2.9 4.3#

179 23.0 0.0 0.0#

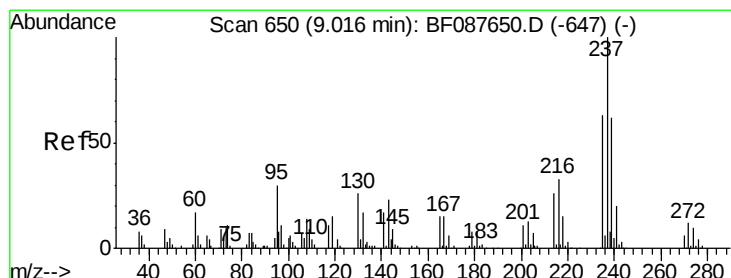
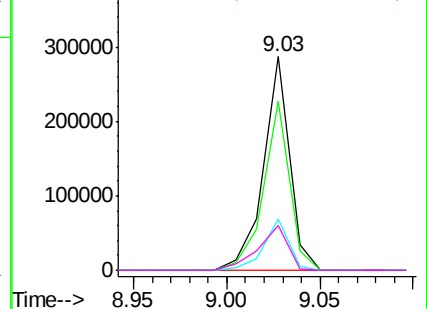
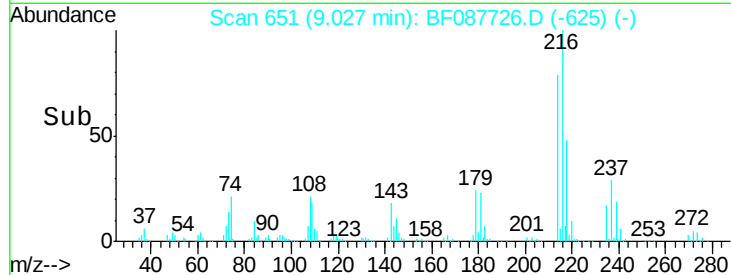
108 23.8 0.5 0.7#

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Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.34 ng

RT: 9.02 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF087726.D

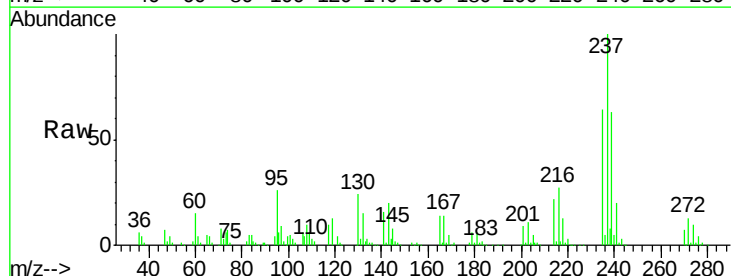
Acq: 6 Jun 2016 00:22

Tgt Ion:237 Resp: 286065
Ion Ratio Lower Upper

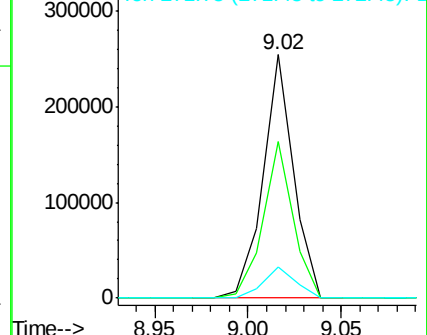
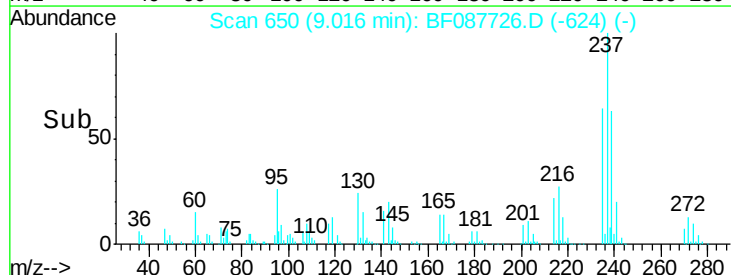
237 100

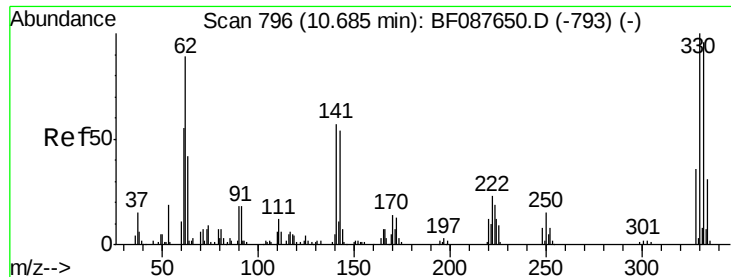
235 64.1 43.4 83.4

272 12.8 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 138.96 ng

RT: 10.70 min Scan# 797

Delta R.T. 0.01 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

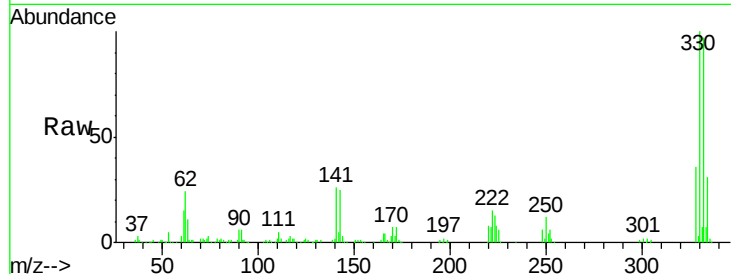
ClientSampleId :

SB-7MS

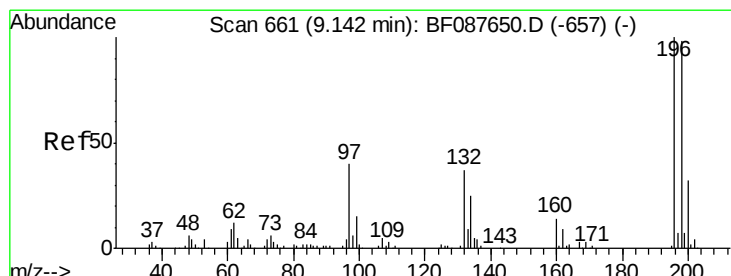
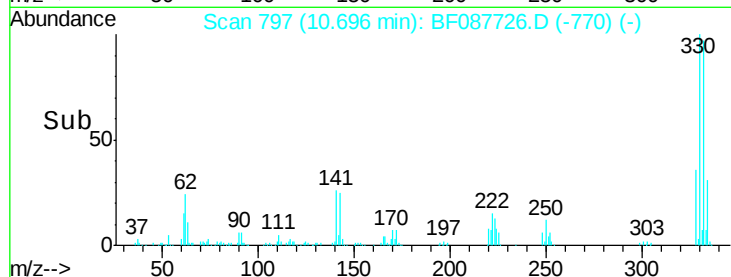
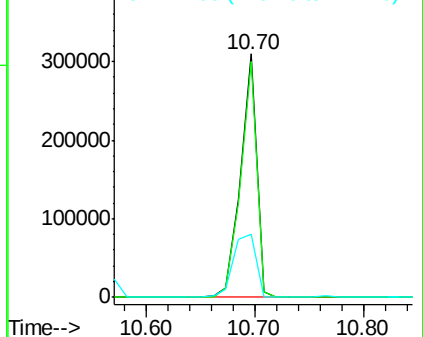
Tot Ion:	330	Resp:	314213
Ion Ratio	Lower	Upper	
330	100		
332	96.5	0.0	0.0#
141	36.4	0.0	0.0#

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



#42

2,4,6-Trichlorophenol

Concen: 53.64 ng

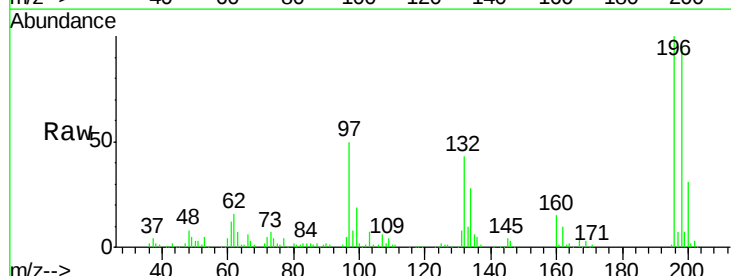
RT: 9.14 min Scan# 661

Delta R.T. -0.00 min

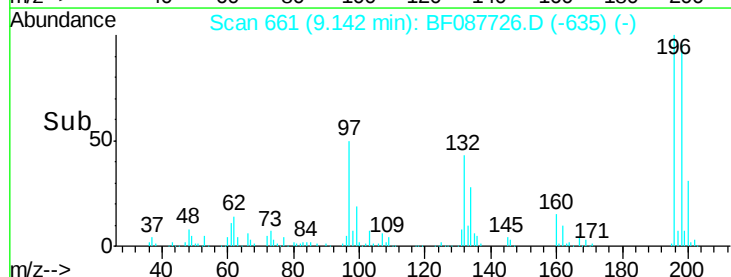
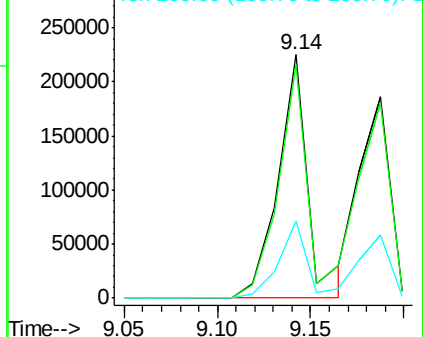
Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Tgt Ion:	196	Resp:	251491
Ion Ratio	Lower	Upper	
196	100		
198	95.6	78.0	117.0
200	31.5	25.4	38.2



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





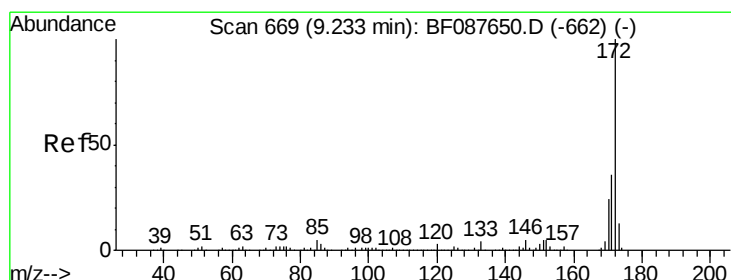
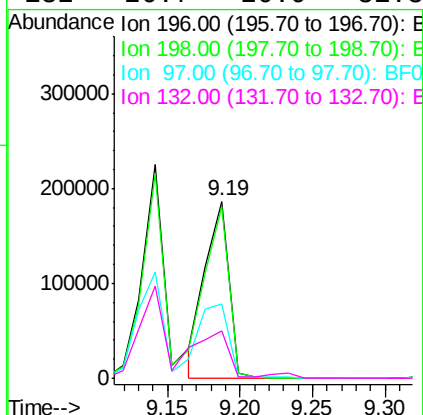
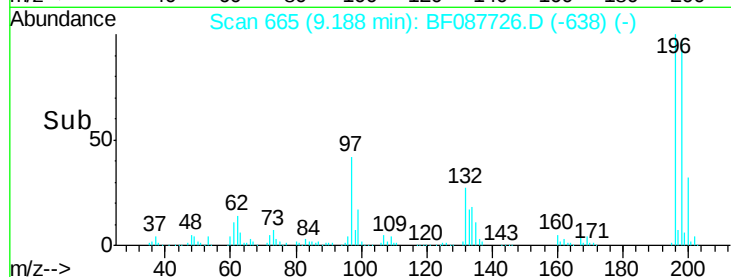
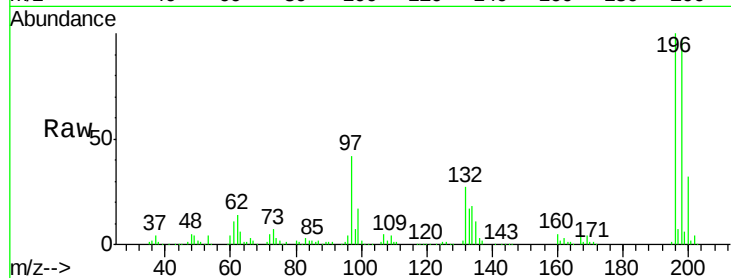
#43
2,4,5-Trichlorophenol
Concen: 48.97 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		213684		
198	96.8	77.5	116.3		
97	42.3	32.0	48.0		
132	26.7	20.9	31.3		

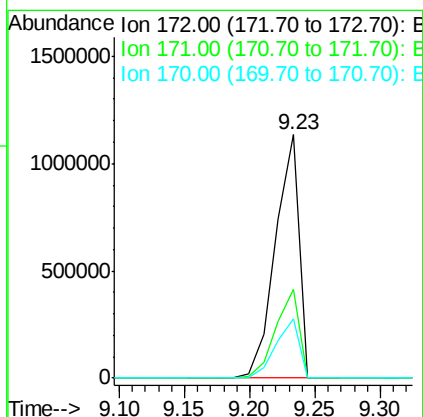
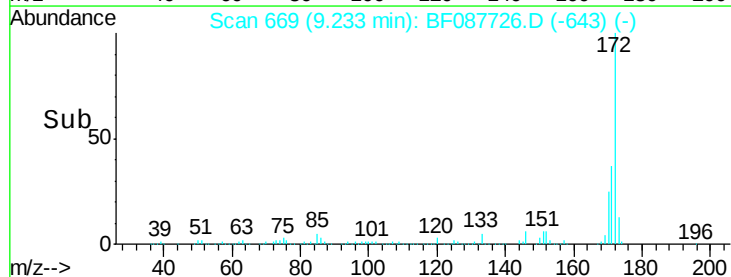
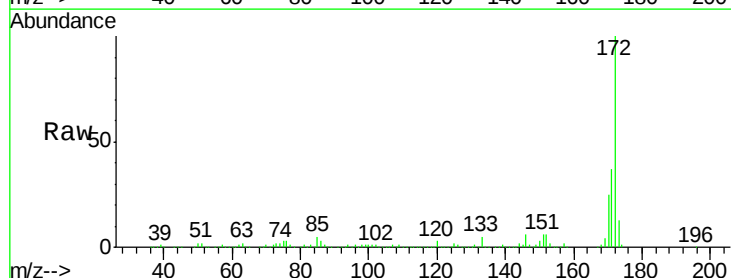
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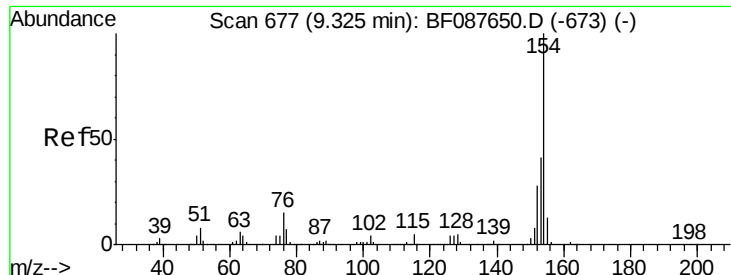
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#44
2-Fluorobiphenyl
Concen: 107.74 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1443206		
171	36.6	28.6	43.0		
170	24.6	19.2	28.8		





#45

1,1'-Biphenyl

Concen: 41.76 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

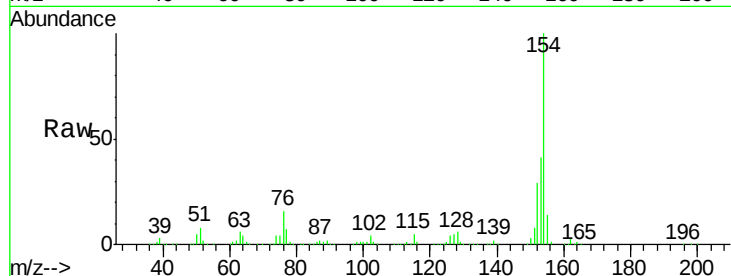
ClientSampleId :

SB-7MS

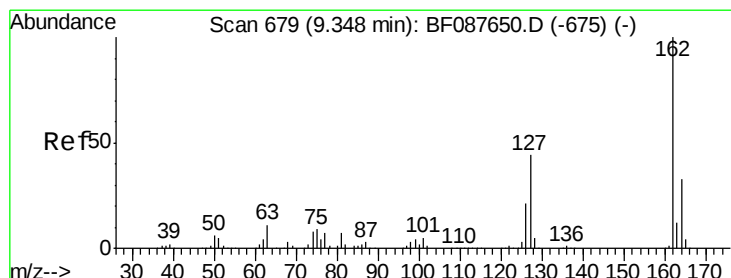
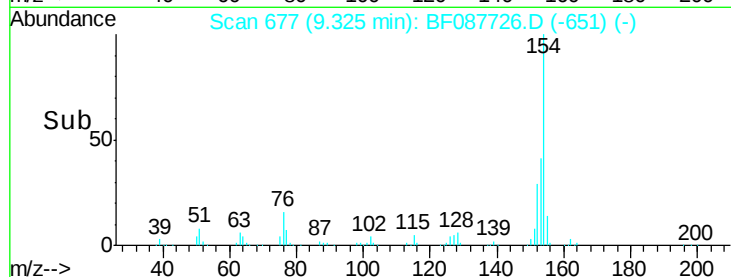
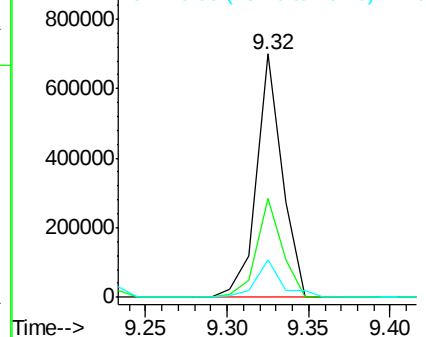
Tot Ion:	154	Resp:	763465
Ion Ratio		Lower	Upper
154	100		
153	40.9	20.6	60.6
76	15.5	0.0	35.1

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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: 43.04 ng

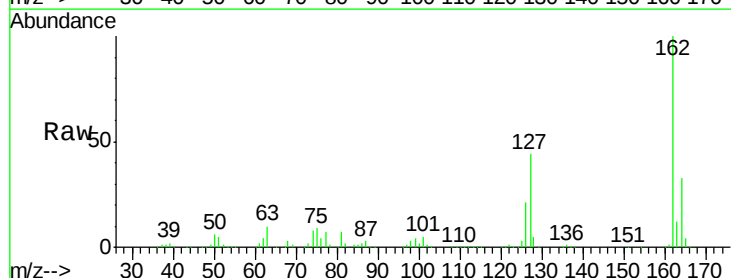
RT: 9.35 min Scan# 679

Delta R.T. -0.00 min

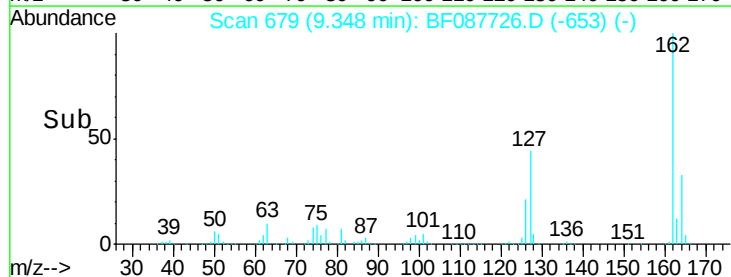
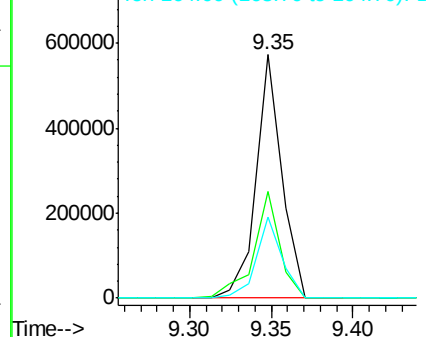
Lab File: BF087726.D

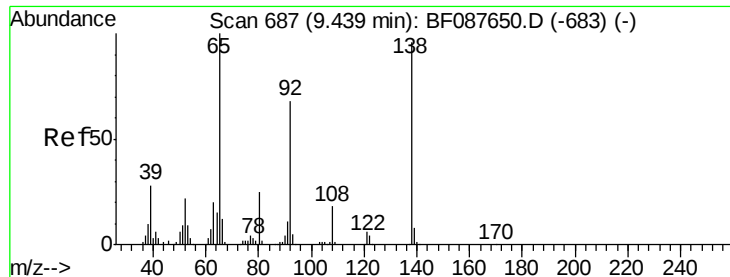
Acq: 6 Jun 2016 00:22

Tgt Ion:	162	Resp:	626259
Ion Ratio		Lower	Upper
162	100		
127	43.8	35.2	52.8
164	33.3	26.6	39.8



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: 52.55 ng

RT: 9.45 min Scan# 688

Delta R.T. 0.01 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

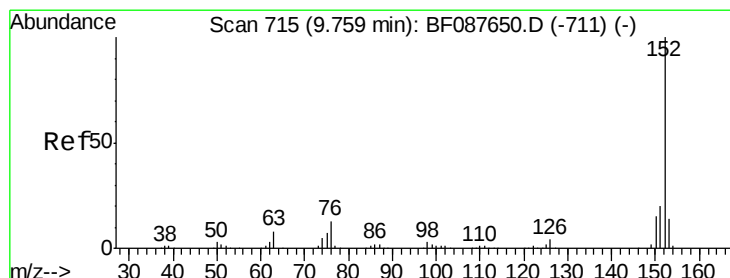
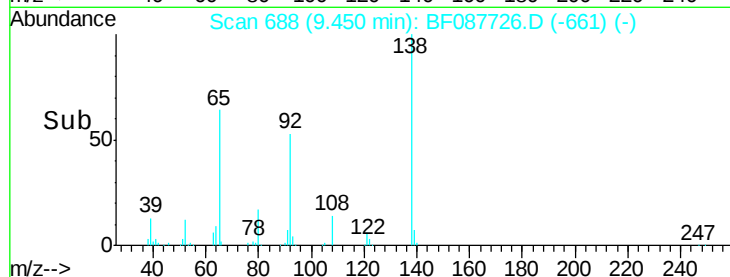
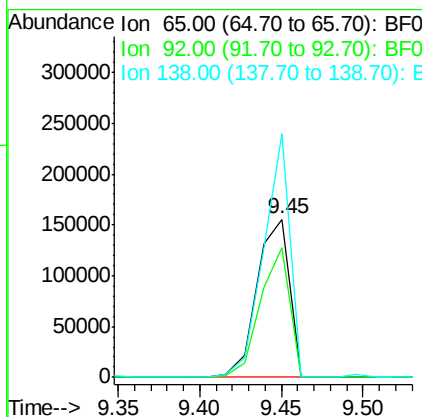
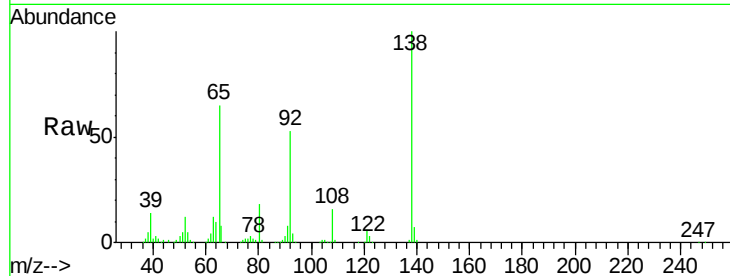
ClientSampleId :

SB-7MS

Tot Ion:	65	Resp:	215328
Ion Ratio	Lower	Upper	
65	100		
92	81.8	54.6	82.0
138	154.2	77.0	115.4#

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#48

Acenaphthylene

Concen: 48.54 ng

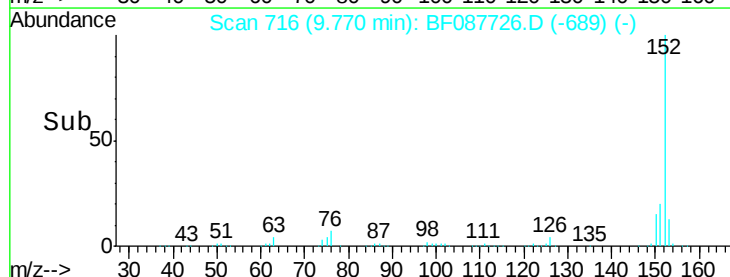
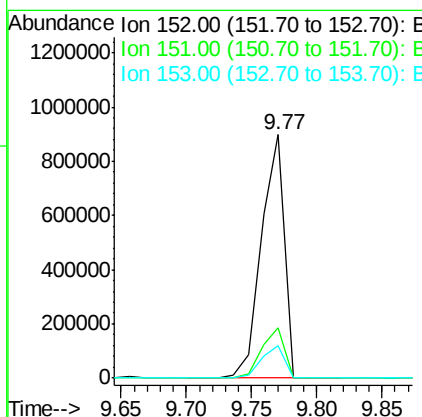
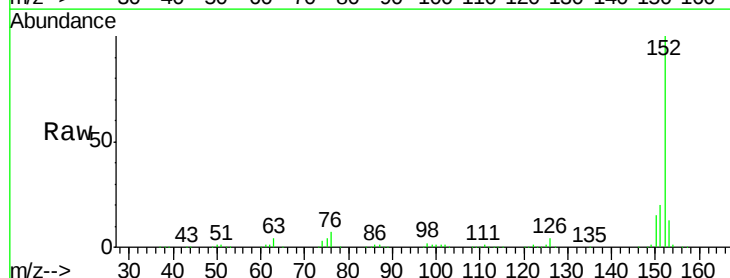
RT: 9.77 min Scan# 716

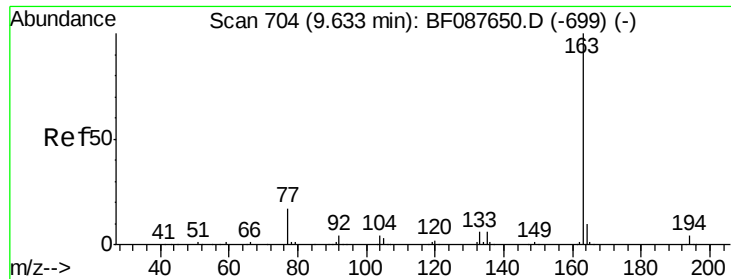
Delta R.T. 0.01 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Tgt Ion:	152	Resp:	1101603
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.4
153	13.2	11.0	16.6





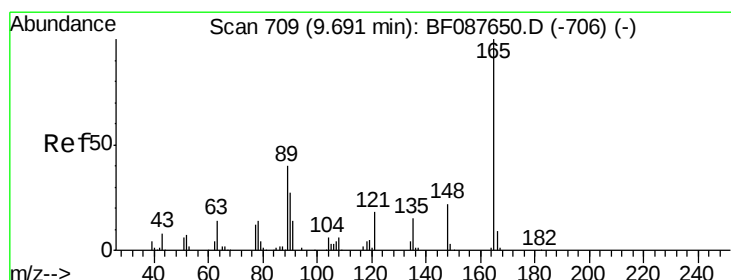
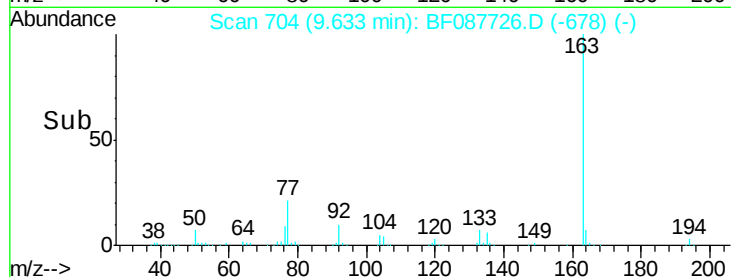
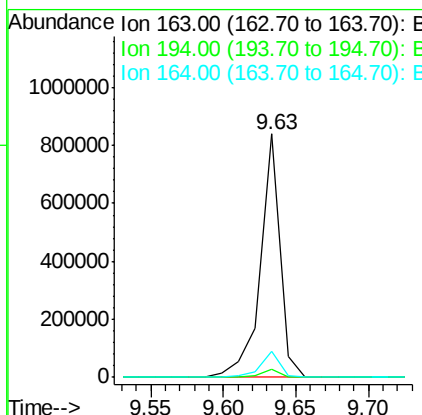
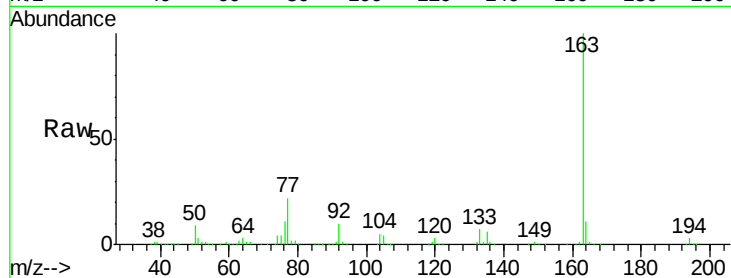
#49
Dimethylphthalate
Concen: 48.01 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.8	4.2
164	10.7	8.3	12.5

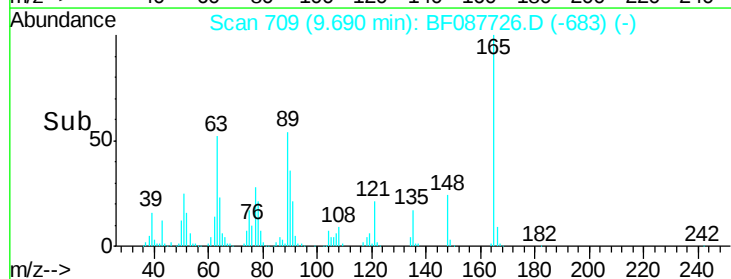
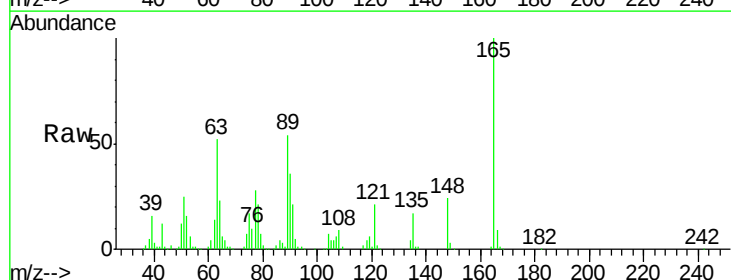
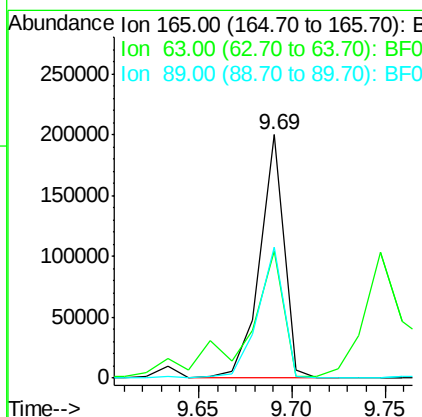
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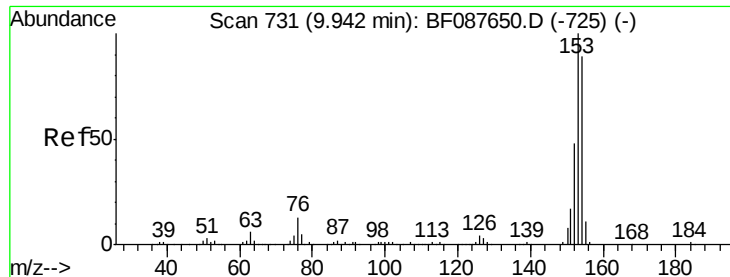
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#50
2,6-Dinitrotoluene
Concen: 48.33 ng
RT: 9.69 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	52.1	28.1	42.1#
89	53.6	32.2	48.2#





#51

Acenaphthene

Concen: 47.51 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

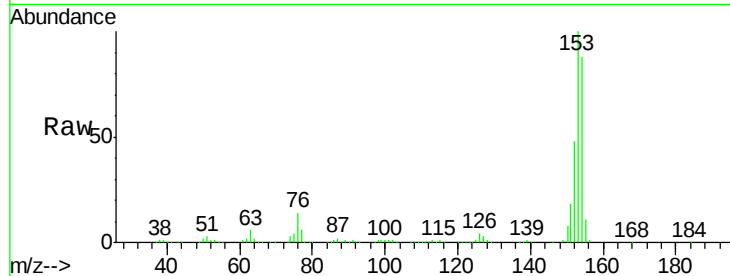
ClientSampleId :

SB-7MS

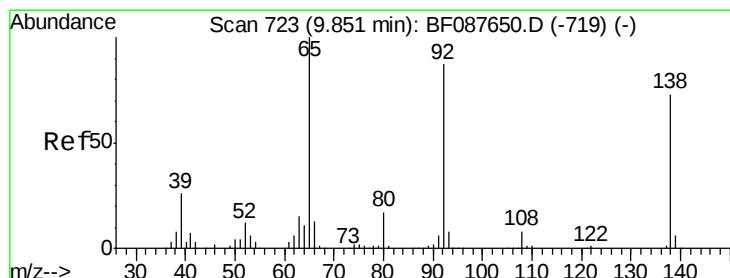
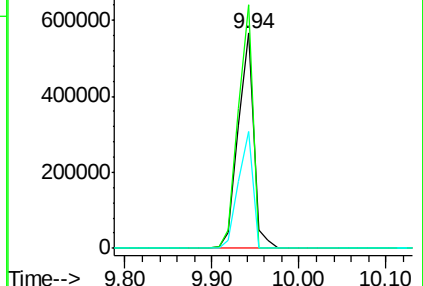
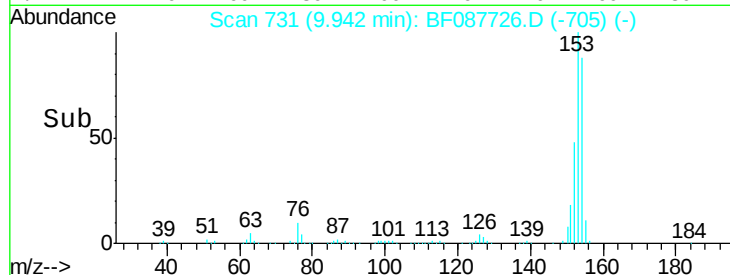
Tot Ion:	154	Resp:	693785
Ion Ratio	Lower	Upper	
154	100		
153	113.0	89.5	134.3
152	54.2	42.7	64.1

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



#52

3-Nitroaniline

Concen: 34.14 ng

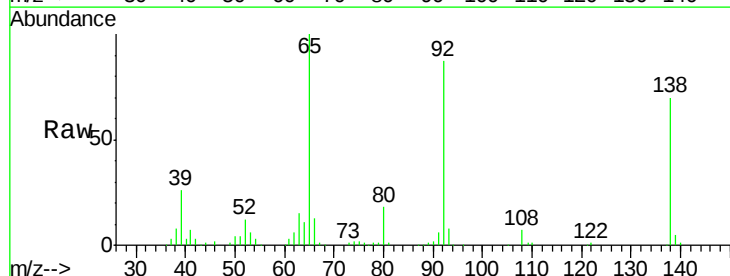
RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

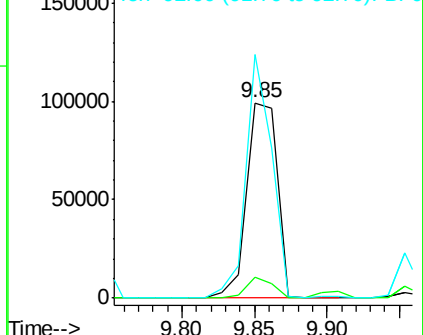
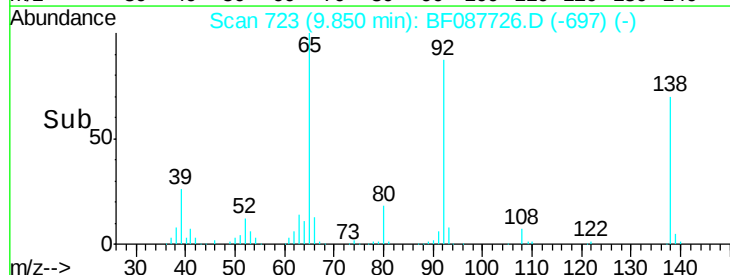
Lab File: BF087726.D

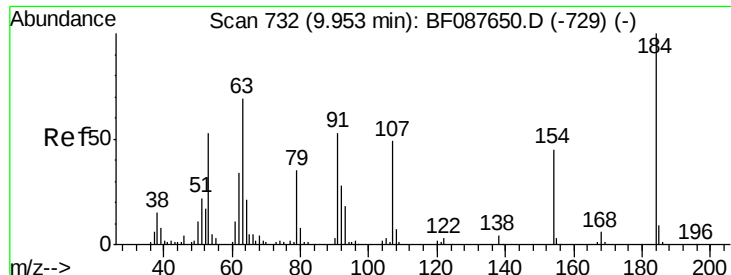
Acq: 6 Jun 2016 00:22

Tgt Ion:	138	Resp:	145511
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.5	12.7
92	124.7	95.7	143.5



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





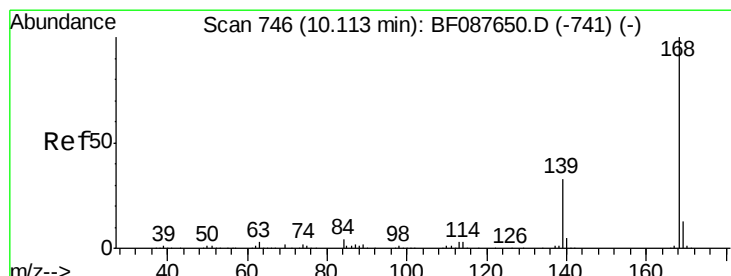
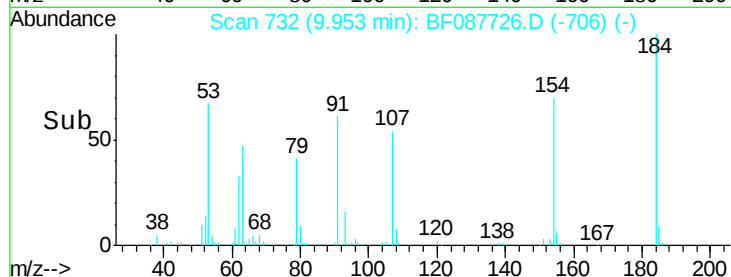
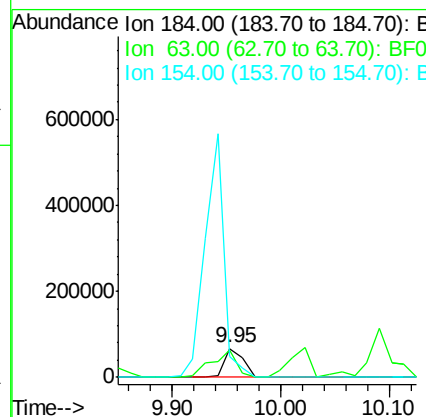
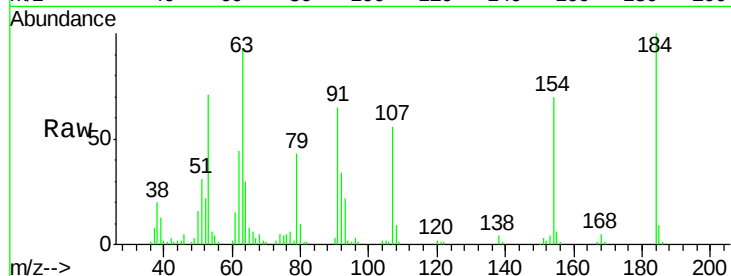
#53
2,4-Dinitrophenol
Concen: 50.48 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampled :
SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	82821		
63	93.0	57.6	86.4#	
154	70.2	53.5	80.3	

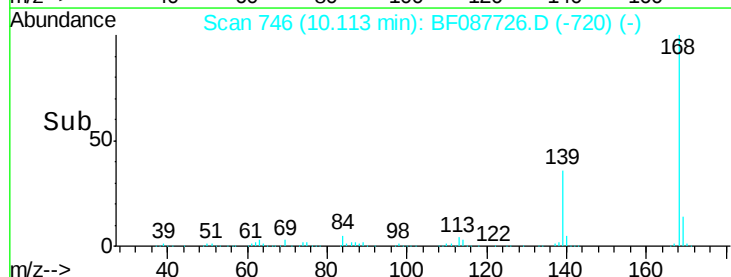
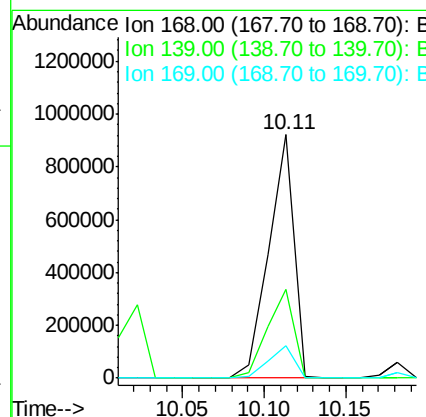
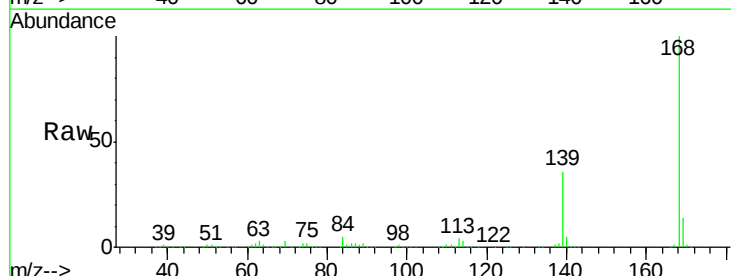
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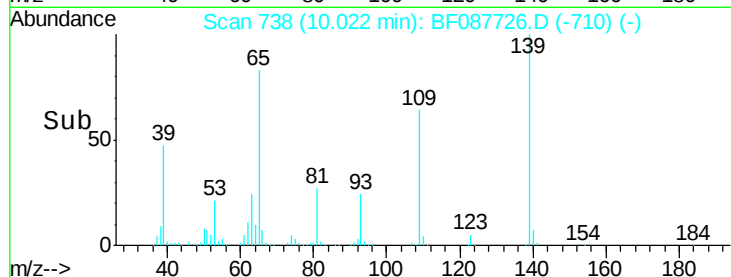
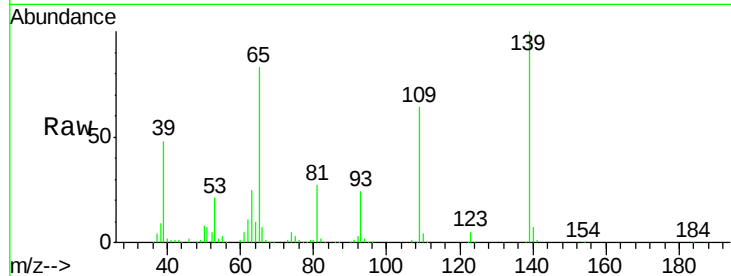
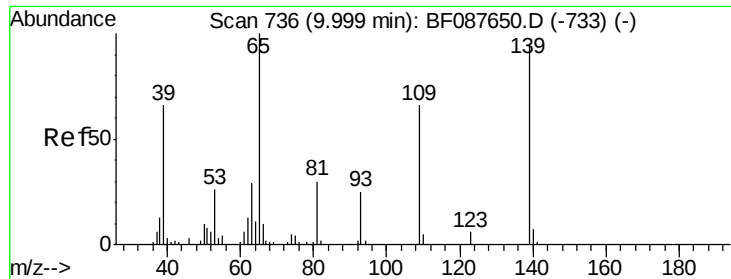
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#54
Dibenzofuran
Concen: 49.83 ng
RT: 10.11 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	990585		
139	36.3	26.4	39.6	
169	13.5	10.4	15.6	





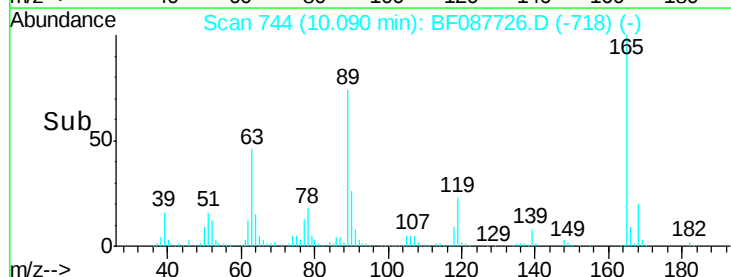
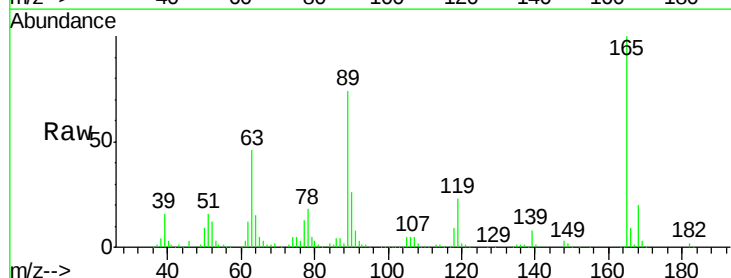
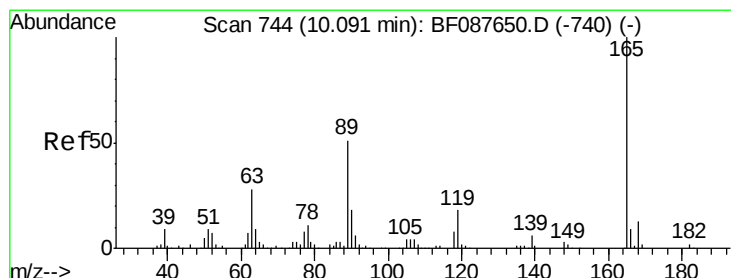
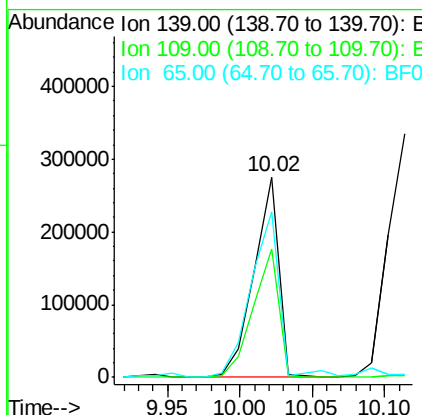
#55
4-Nitrophenol
Concen: 90.14 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.02 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	328303		
109	64.1	48.9	88.9	
65	82.5	84.9	124.9	

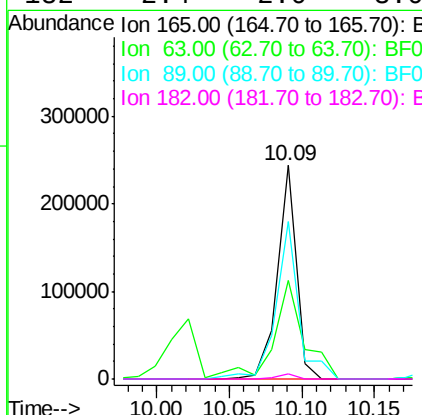
Manual Integrations
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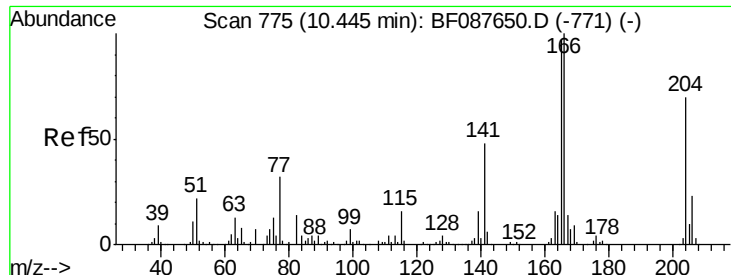
SOHIL
6/6/2016 7:25:09 PM



#56
2,4-Dinitrotoluene
Concen: 46.82 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	222141		
63	46.3	22.0	33.0	
89	73.9	41.1	61.7	
182	2.4	2.0	3.0	





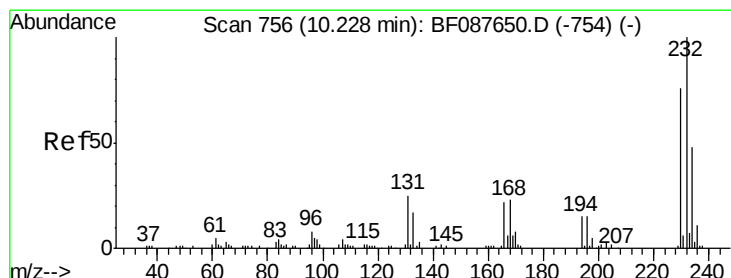
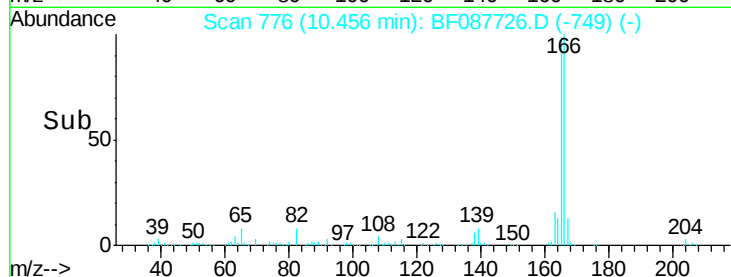
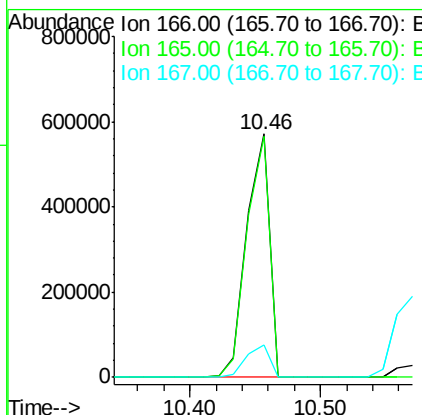
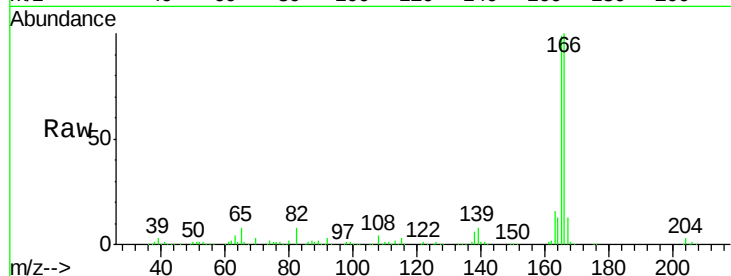
#57
Fluorene
 Concen: 44.84 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	696889		
165	98.9		77.8	116.8
167	13.1		11.2	16.8

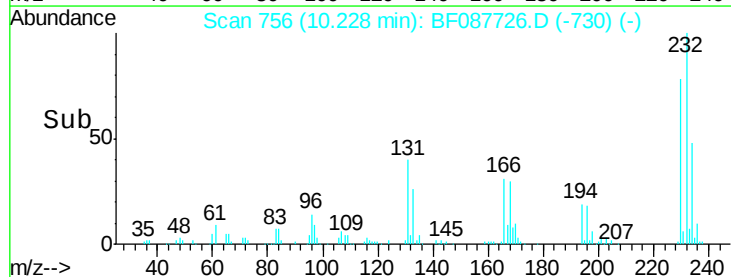
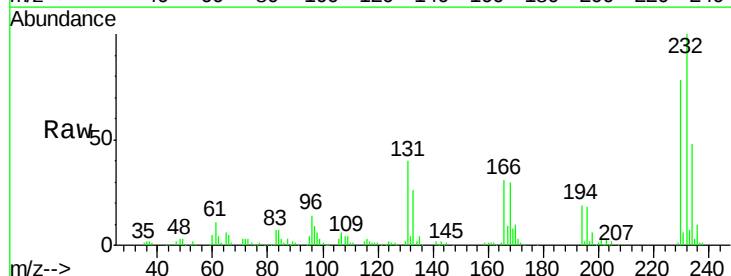
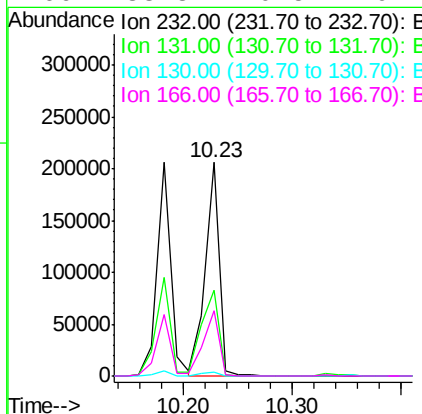
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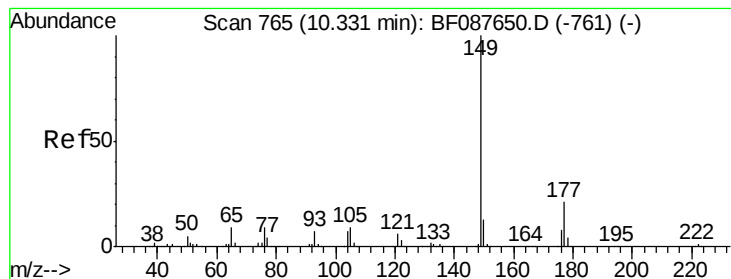
SOHIL
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.66 ng
 RT: 10.23 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	186641		
131	49.5		0.9	1.3#
130	2.3		1.5	2.3
166	33.8		0.5	0.7#





#59

Diethylphthalate

Concen: 43.56 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

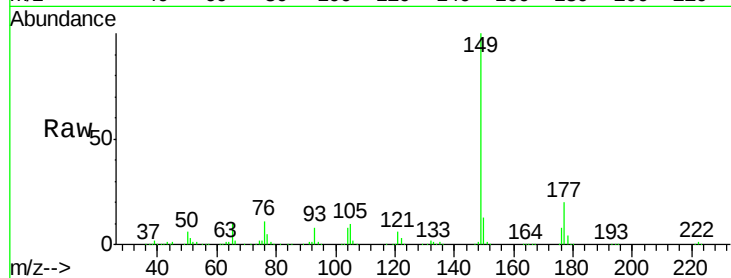
ClientSampleId :

SB-7MS

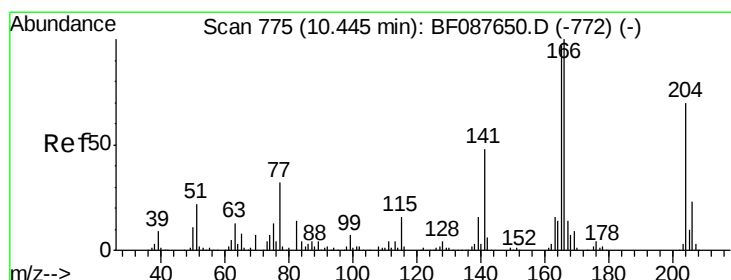
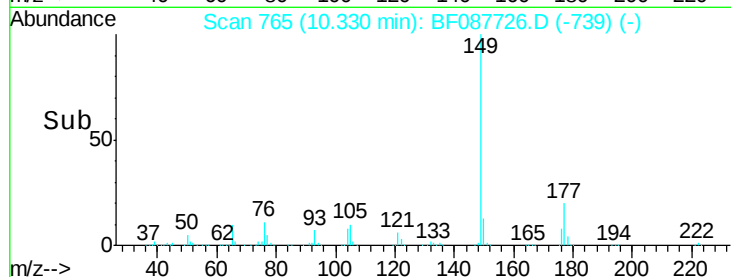
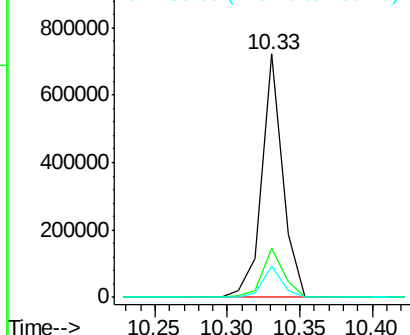
Tot Ion:	149	Resp:	716369
Ion Ratio	Lower	Upper	
149	100		
177	20.3	16.9	25.3
150	12.9	10.1	15.1

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



#60

4-Chlorophenyl-phenylether

Concen: 52.49 ng

RT: 10.44 min Scan# 775

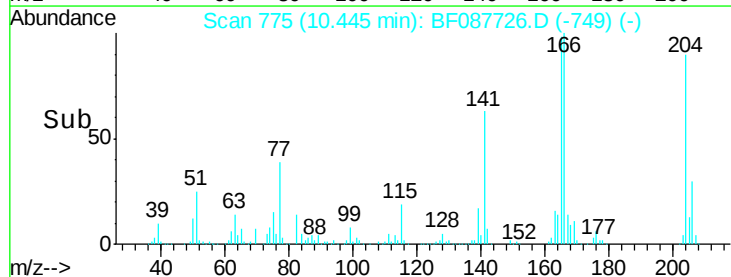
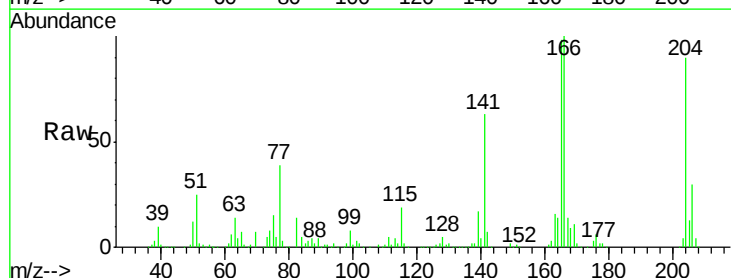
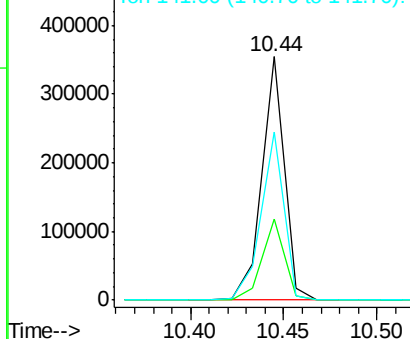
Delta R.T. 0.00 min

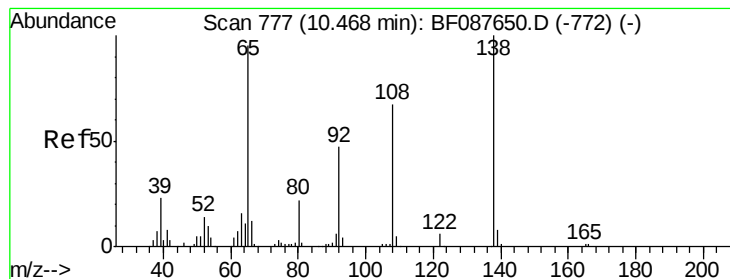
Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Tgt Ion:	204	Resp:	292576
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.3	39.5
141	69.2	55.0	82.6

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





#61

4-Nitroaniline

Concen: 46.59 ng

RT: 10.47 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

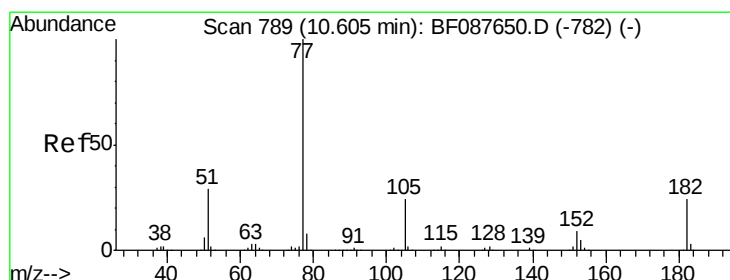
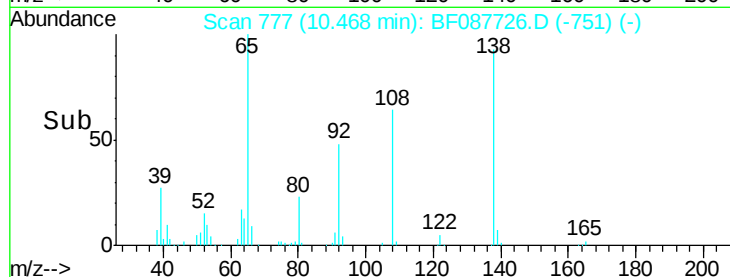
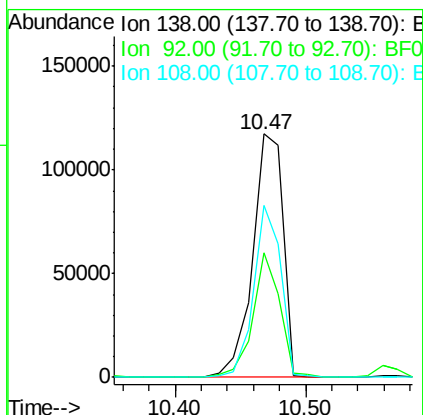
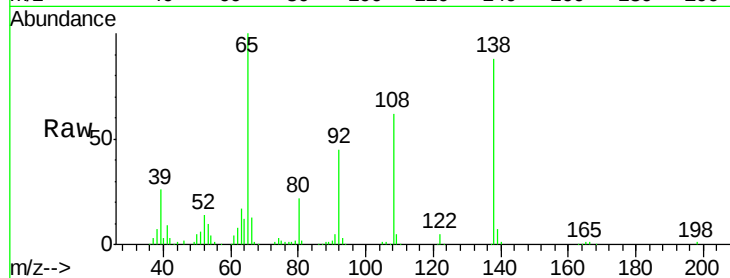
ClientSampleId :

SB-7MS

Tot Ion:	138	Resp:	190893
Ion Ratio	Lower	Upper	
138	100		
92	51.1	27.3	67.3
108	70.6	46.7	86.7

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#62

Azobenzene

Concen: 47.58 ng

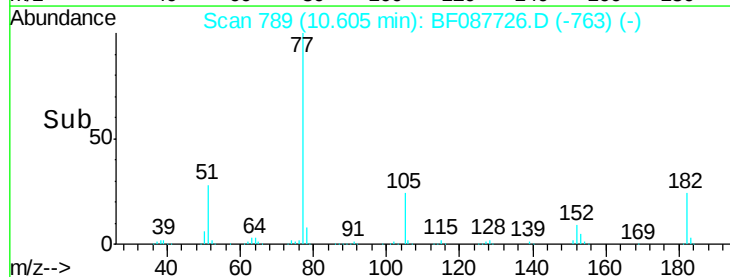
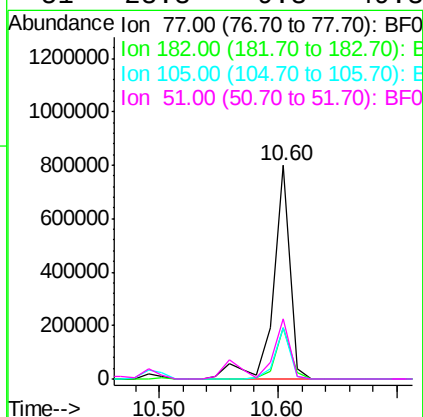
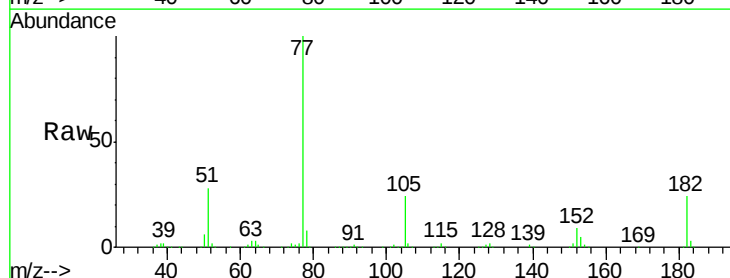
RT: 10.60 min Scan# 789

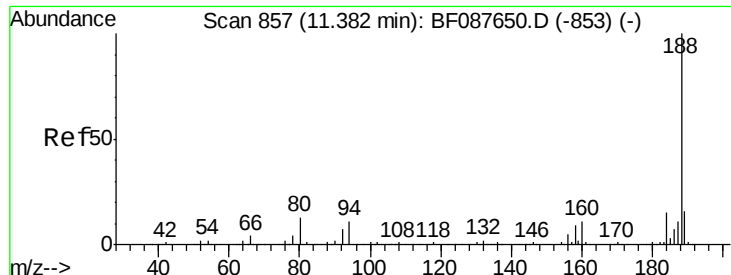
Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Tgt Ion:	77	Resp:	787650
Ion Ratio	Lower	Upper	
77	100		
182	24.0	4.4	44.4
105	23.8	3.8	43.8
51	28.3	9.3	49.3





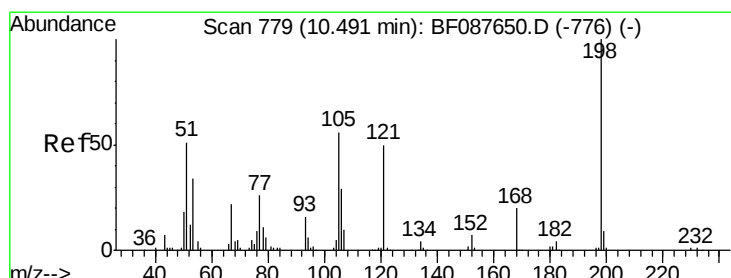
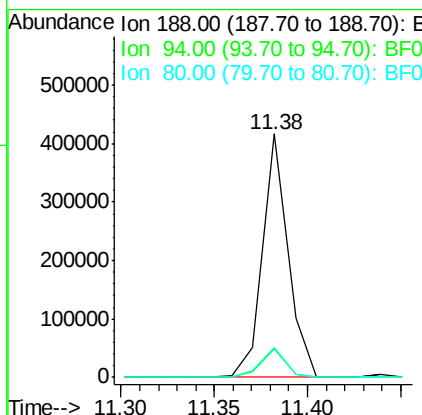
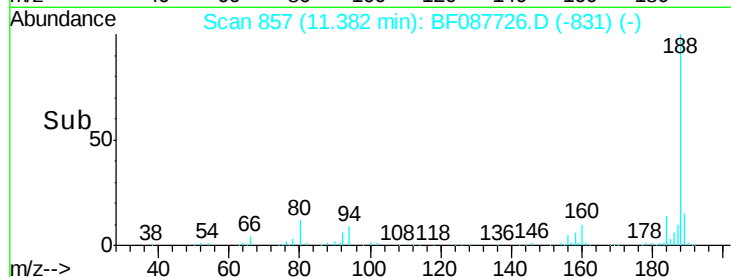
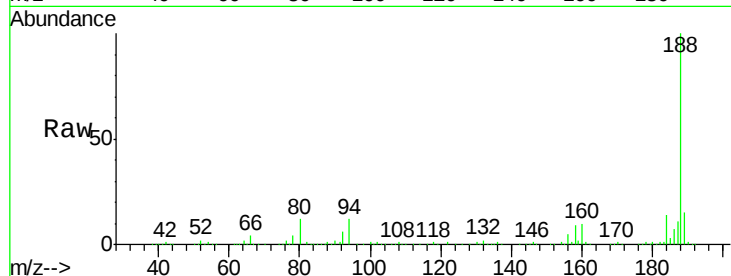
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampleId :
SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	391832		
94	11.6		9.0	13.6
80	12.2		10.0	15.0

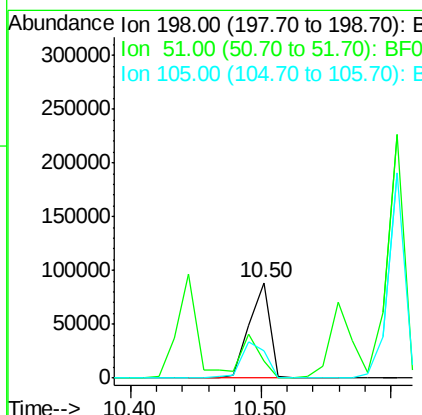
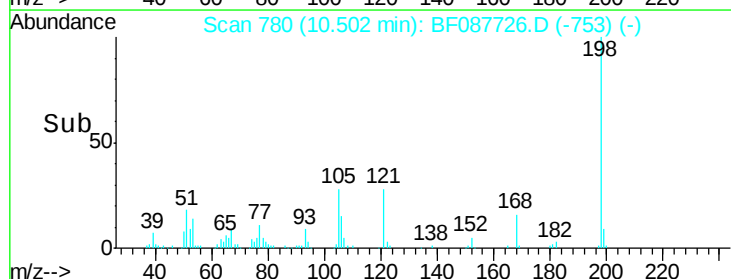
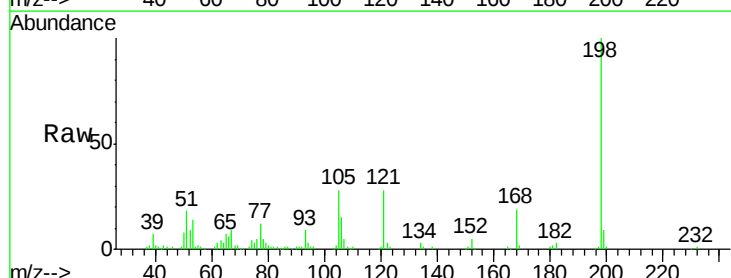
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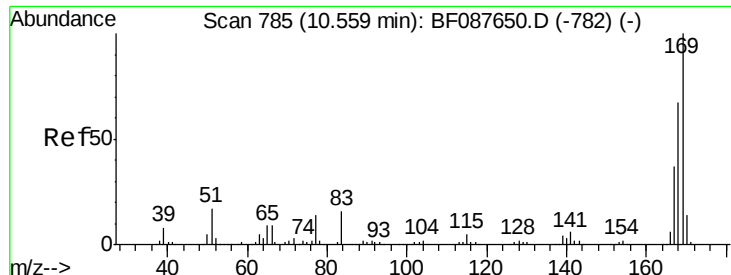
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.62 ng
RT: 10.50 min Scan# 780
Delta R.T. 0.01 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	99135		
51	18.4		39.6	79.6#
105	28.0		36.6	76.6#





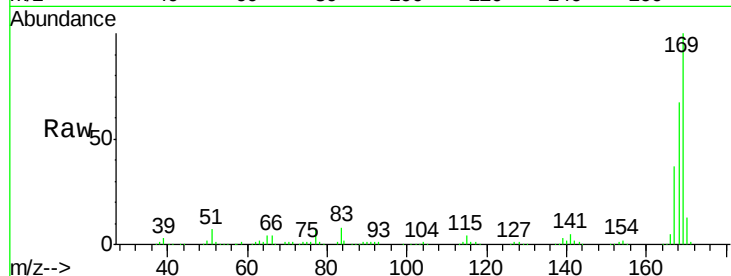
#65
n-Nitrosodiphenylamine
Concen: 52.33 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampleId :
SB-7MS

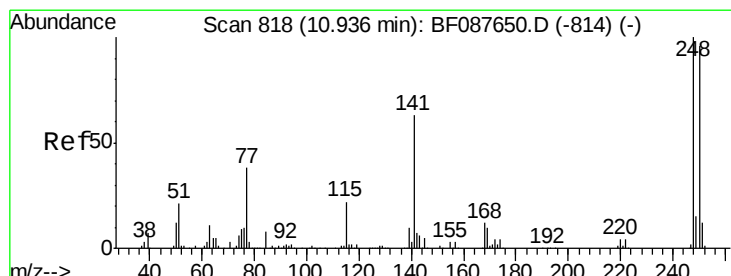
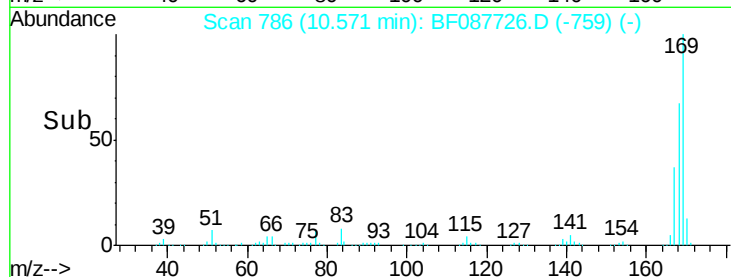
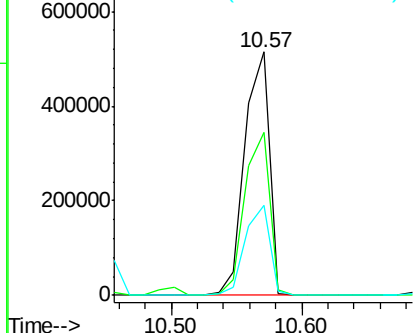
Tot Ion	Ratio	Resp	Lower	Upper
169	100	671633		
168	66.8	53.4	80.0	
167	36.8	29.4	44.0	

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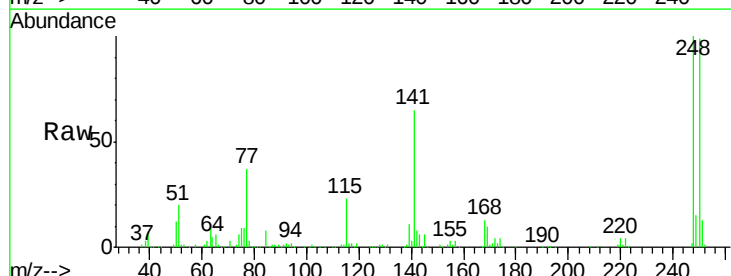


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

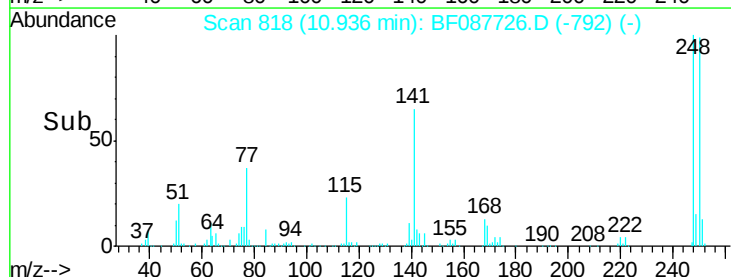
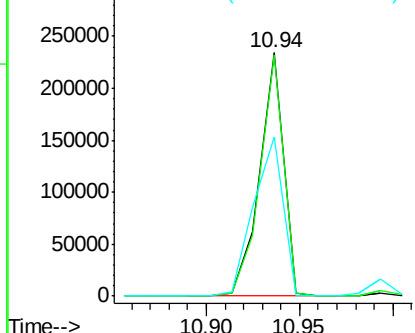


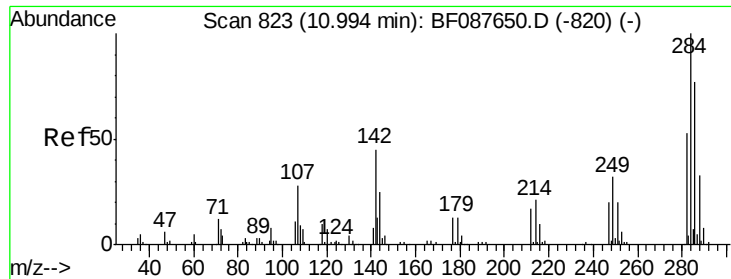
#66
4-Bromophenyl-phenylether
Concen: 53.51 ng
RT: 10.94 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	207909		
250	98.9	77.1	115.7	
141	65.1	50.6	76.0	



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.99 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

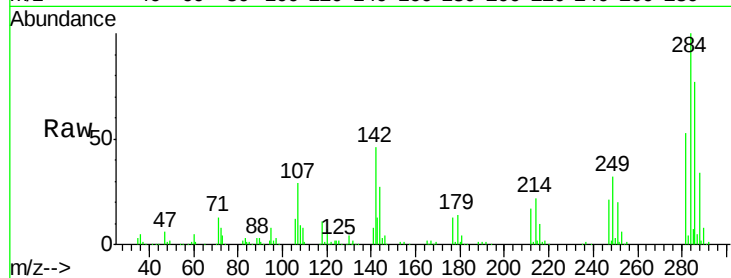
ClientSampleId :

SB-7MS

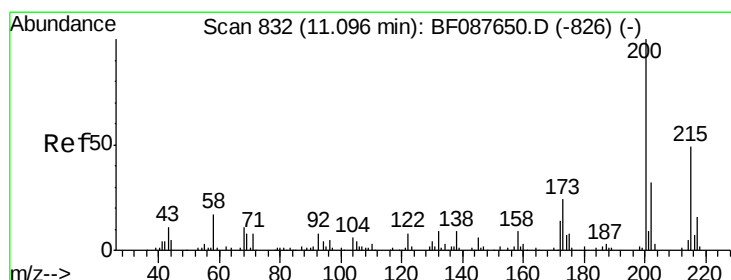
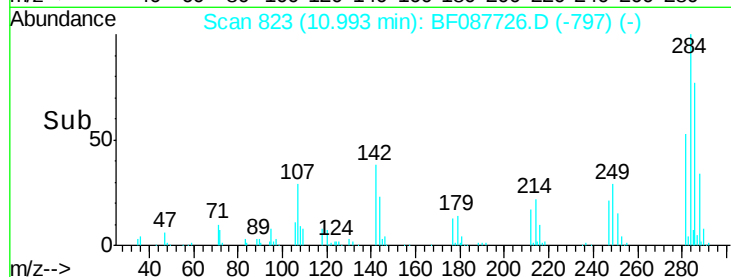
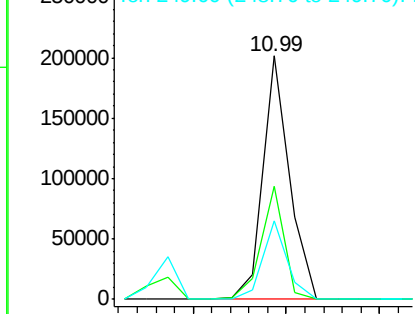
Tot Ion:	284	Resp:	199820
Ion Ratio	Lower	Upper	
284	100		
142	46.3	35.8	53.8
249	32.3	25.8	38.6

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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: 53.53 ng

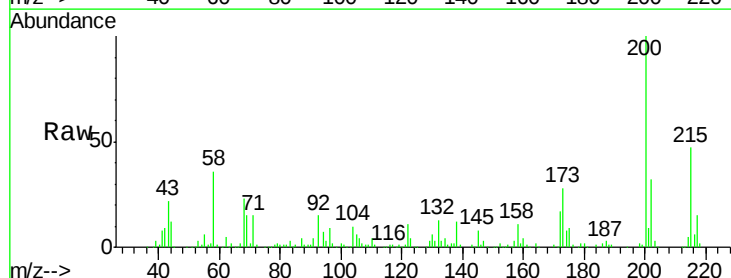
RT: 11.10 min Scan# 832

Delta R.T. -0.00 min

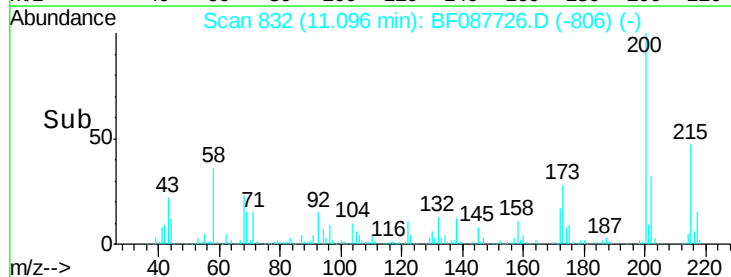
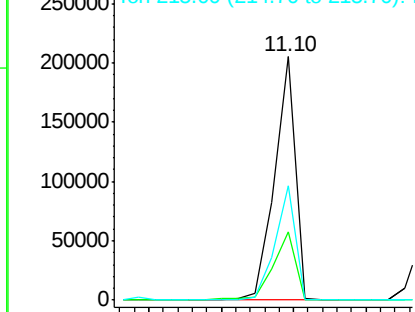
Lab File: BF087726.D

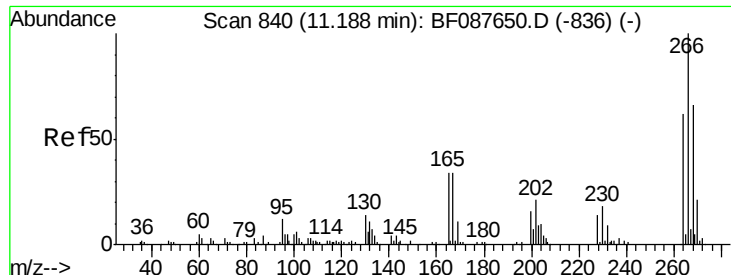
Acq: 6 Jun 2016 00:22

Tgt Ion:	200	Resp:	203492
Ion Ratio	Lower	Upper	
200	100		
173	27.9	4.0	44.0
215	46.7	29.3	69.3



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





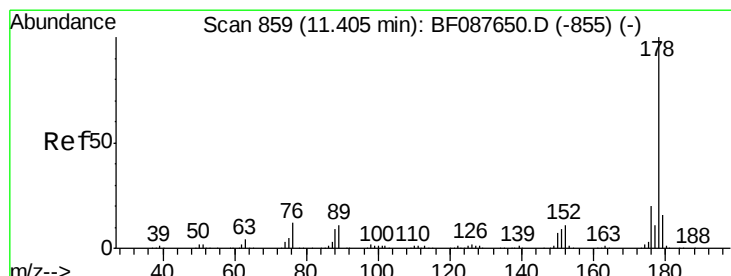
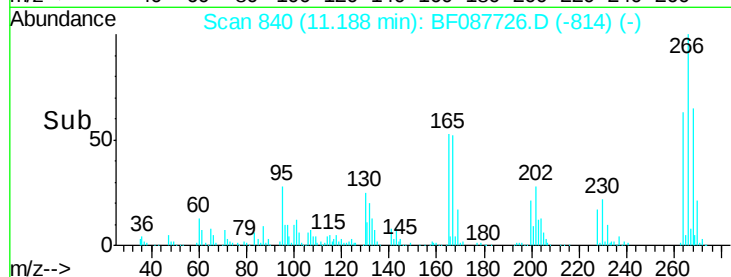
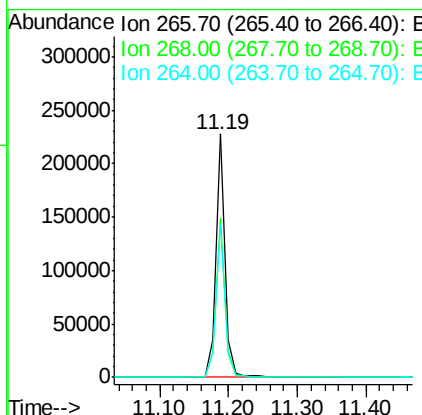
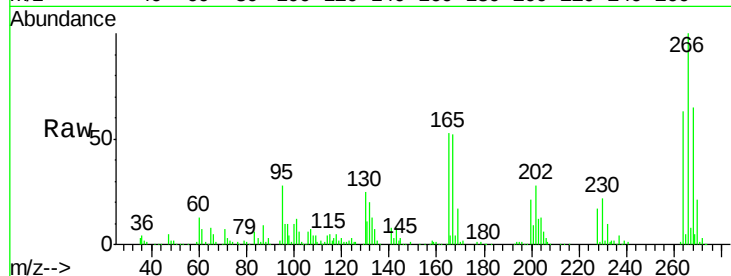
#69
 Pentachlorophenol
 Concen: 82.63 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	52.8	79.2
264	62.7	49.6	74.4

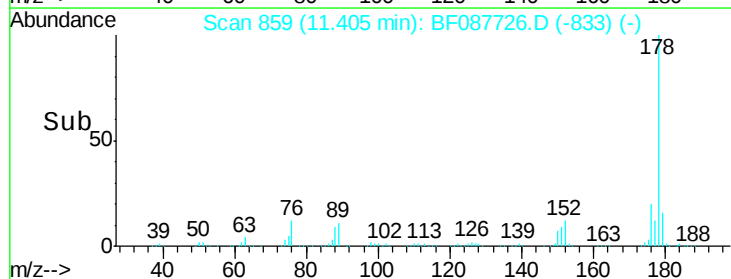
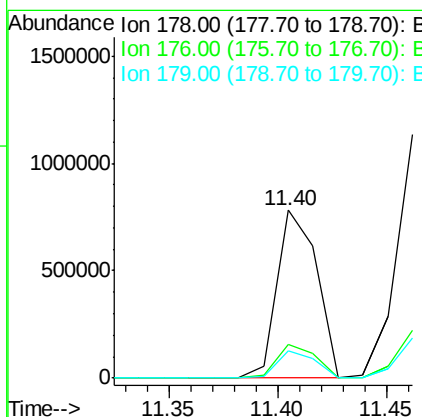
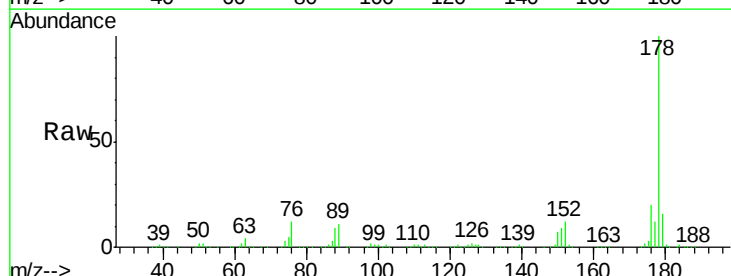
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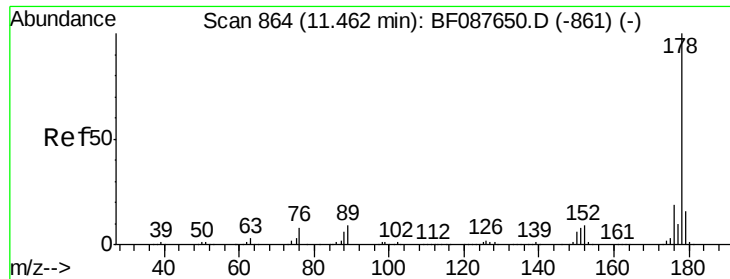
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#70
 Phenanthrene
 Concen: 47.05 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.6
179	16.0	13.0	19.4





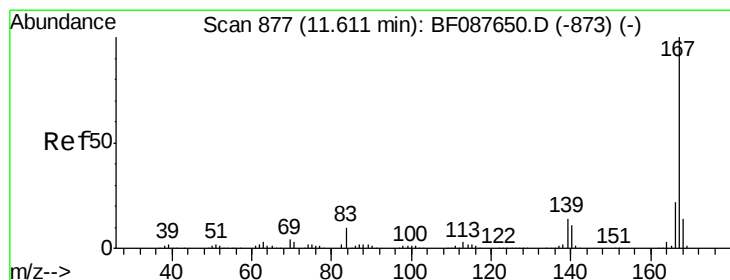
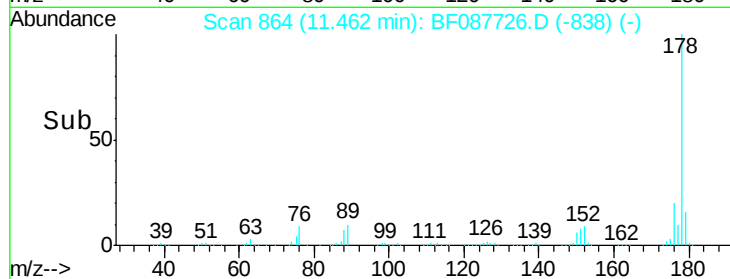
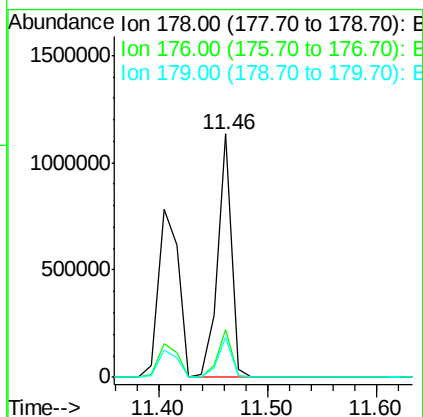
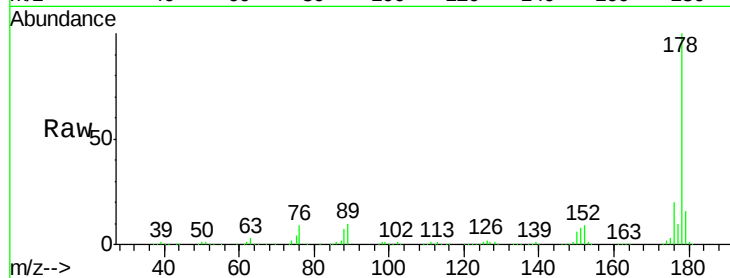
#71
 Anthracene
 Concen: 47.56 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	16.3	12.8	19.2

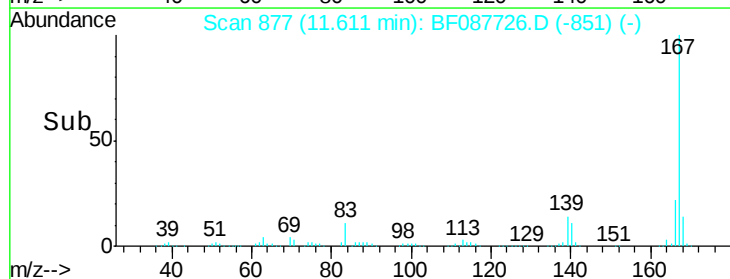
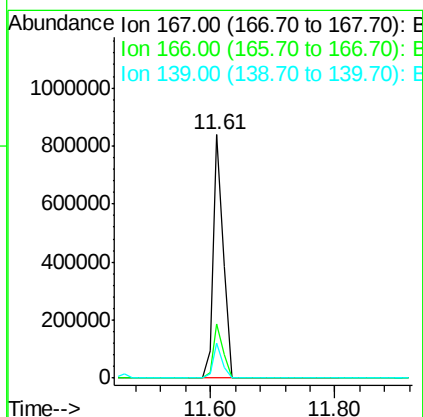
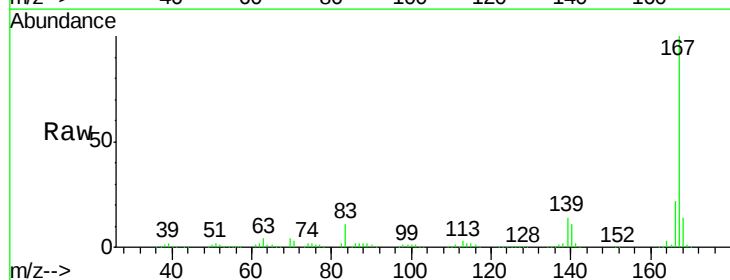
Manual Integrations
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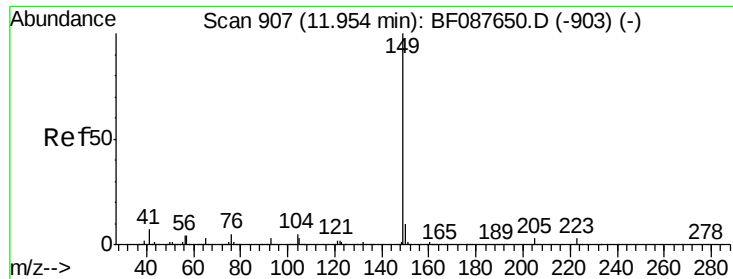
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#72
 Carbazole
 Concen: 45.41 ng
 RT: 11.61 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.6
139	14.2	11.2	16.8





#73

Di-n-butylphthalate

Concen: 53.60 ng

RT: 11.95 min Scan# 907

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

ClientSampleId :

SB-7MS

Tot Ion:149 Resp: 1158038

Ion Ratio Lower Upper

149 100

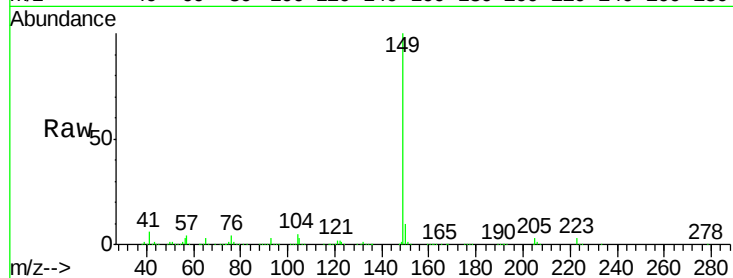
150 9.8 7.8 11.6

104 4.8 4.0 6.0

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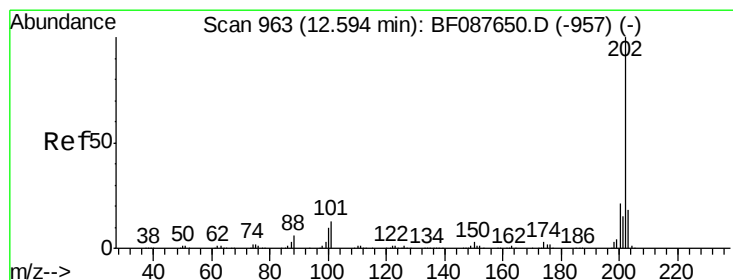
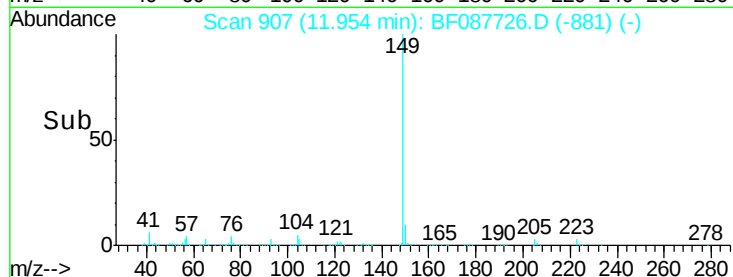
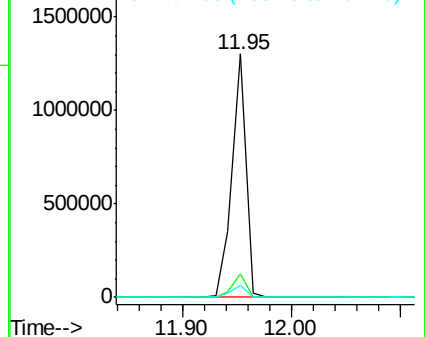
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.40 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

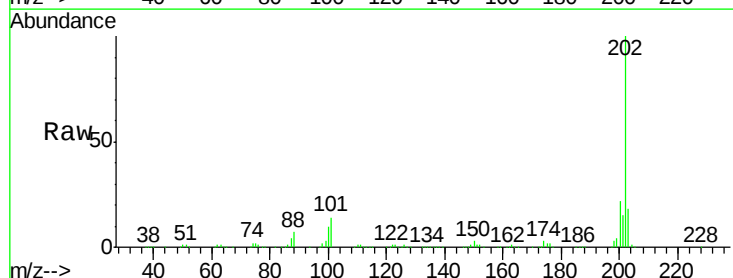
Tgt Ion:202 Resp: 970056

Ion Ratio Lower Upper

202 100

101 13.7 0.0 33.1

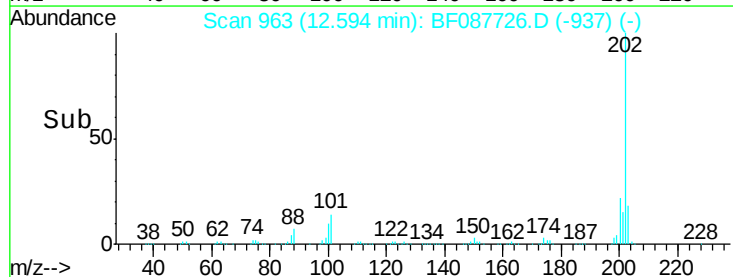
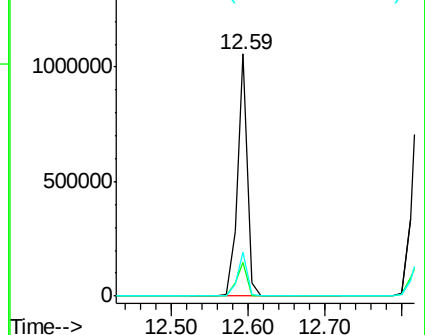
203 18.4 0.0 38.1

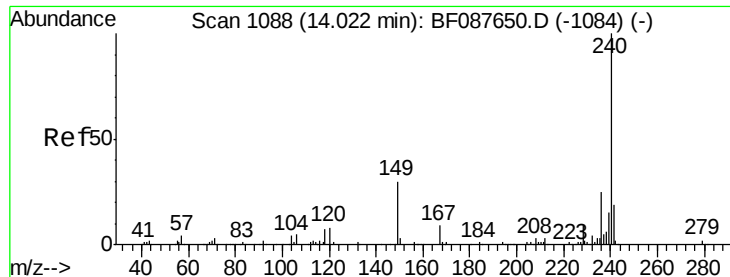


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

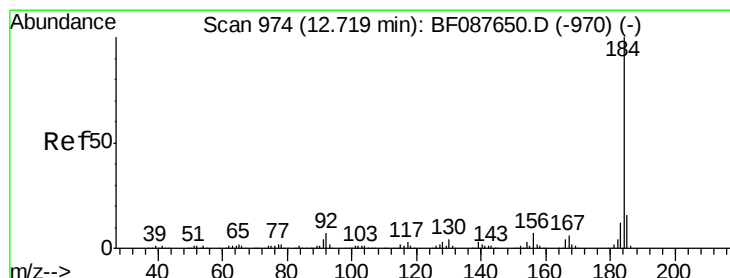
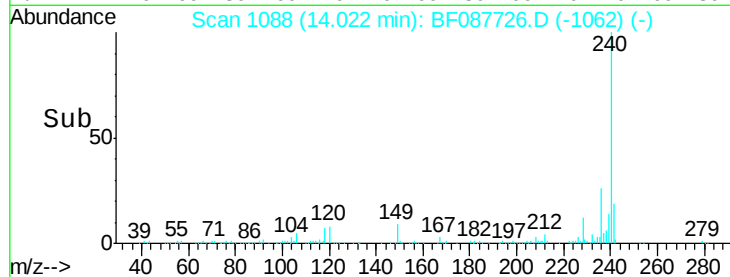
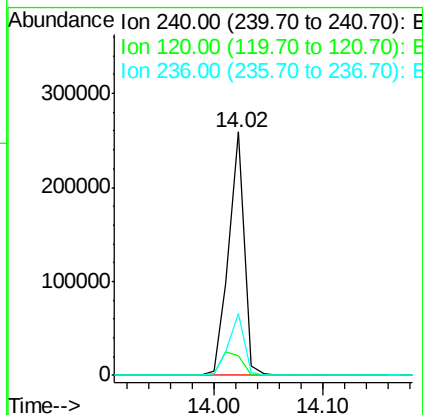
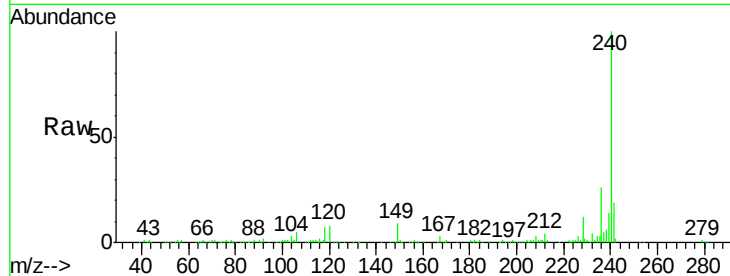
ClientSampleId :

SB-7MS

Tot Ion:	240	Resp:	257219
Ion Ratio	Lower	Upper	
240	100		
120	7.8	6.8	10.2
236	25.5	20.2	30.2

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#76

Benzidine

Concen: 26.41 ng

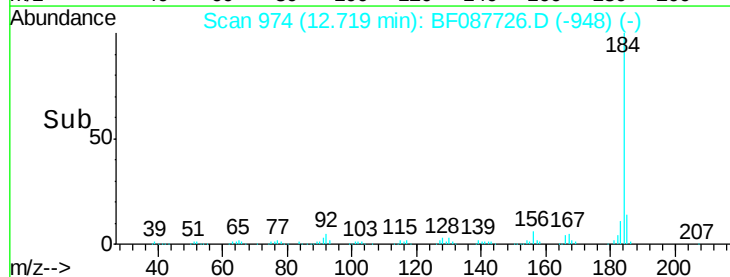
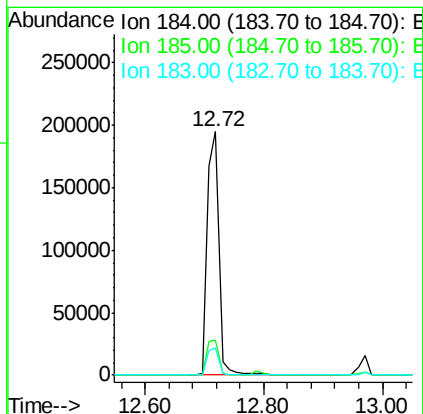
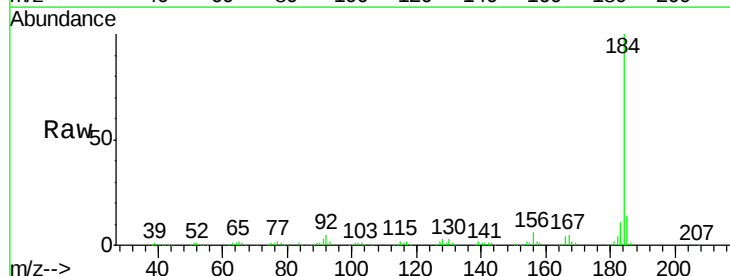
RT: 12.72 min Scan# 974

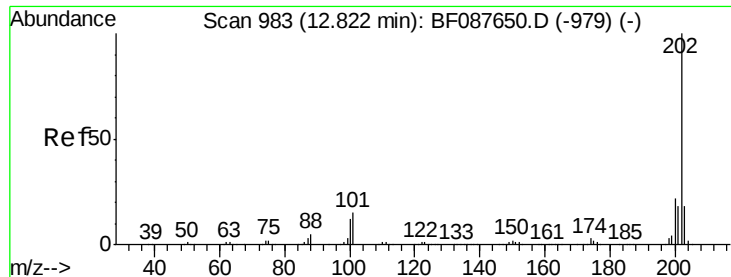
Delta R.T. 0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Tgt Ion:	184	Resp:	267918
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.5	18.7
183	11.4	9.3	13.9





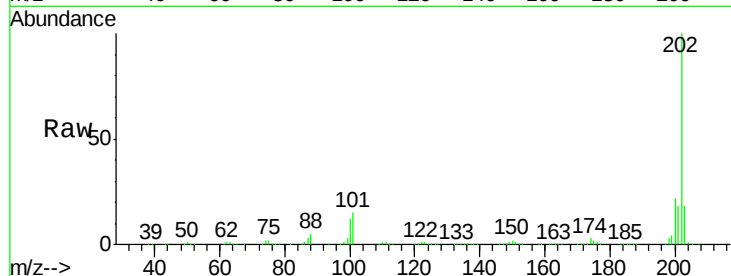
#77
Pvrene
Concen: 54.97 ng
RT: 12.82 min Scan# 983
Delta R.T. -0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampleId :
SB-7MS

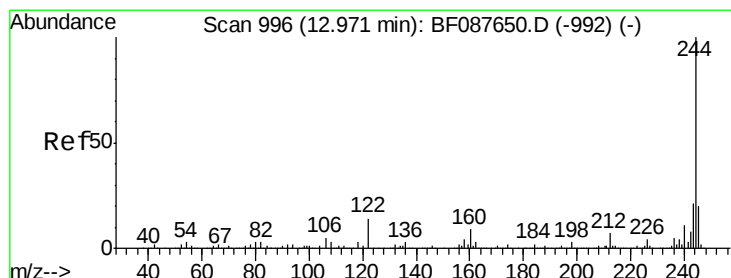
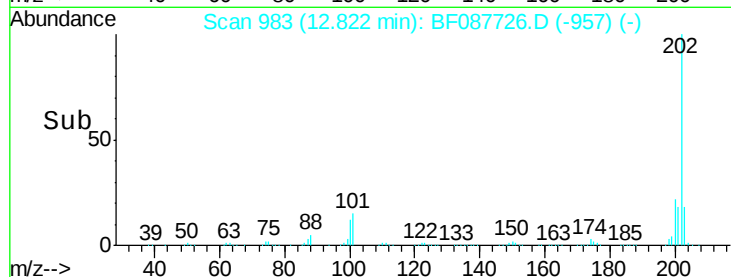
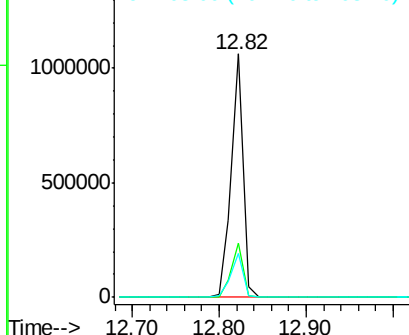
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.4	26.2
203	18.0	14.5	21.7

Manual Integrations
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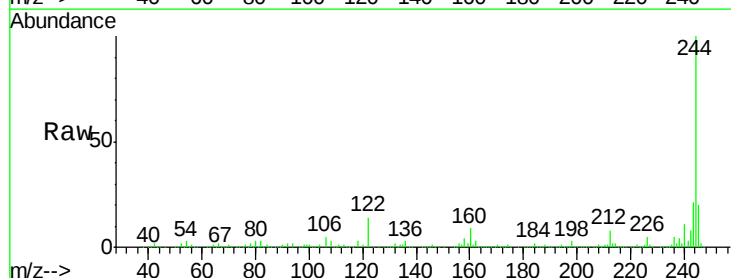


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

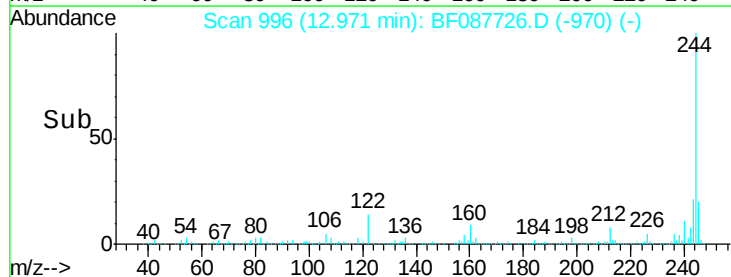
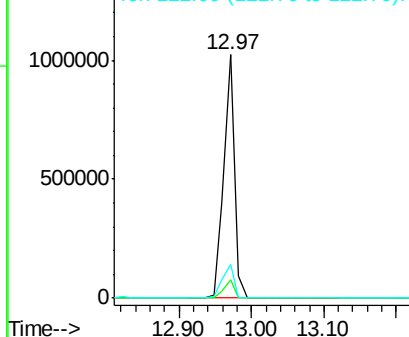


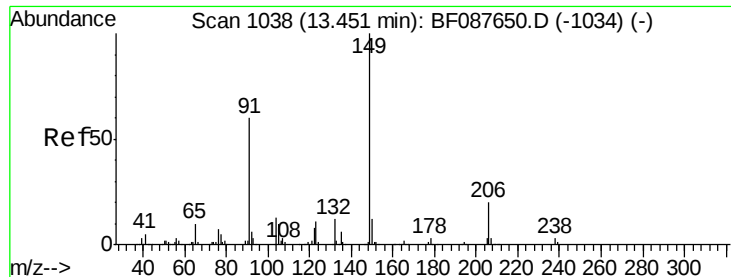
#78
Terphenyl-d14
Concen: 100.25 ng
RT: 12.97 min Scan# 996
Delta R.T. 0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	13.6	11.2	16.8



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





#79

Butylbenzylphthalate

Concen: 63.12 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

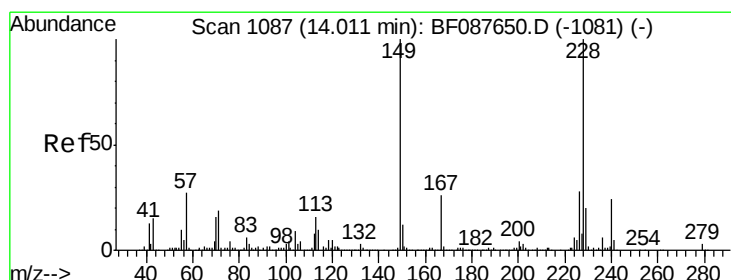
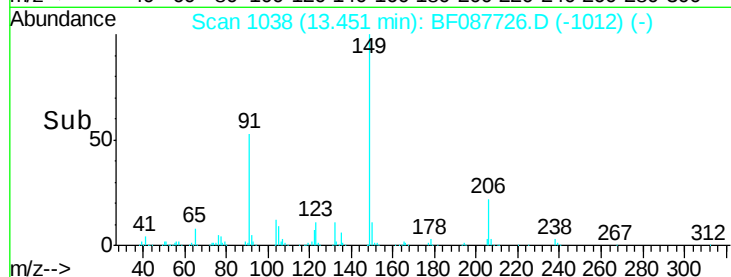
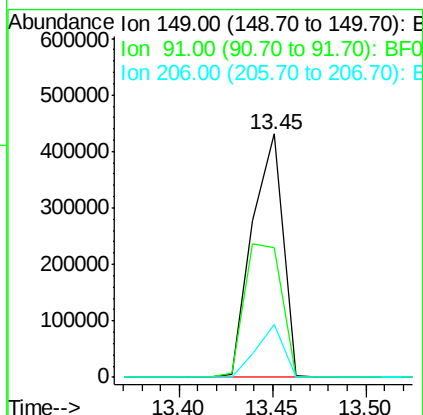
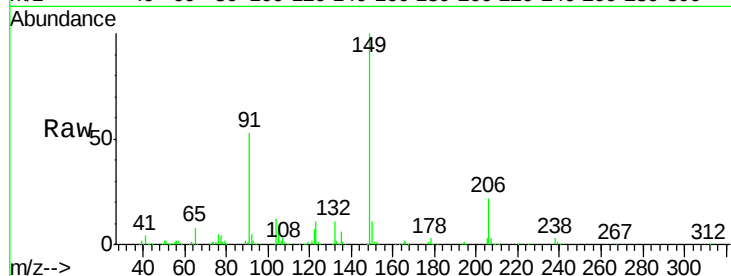
ClientSampleId :

SB-7MS

Tot Ion:	149	Resp:	492066
Ion Ratio	Lower	Upper	
149	100		
91	53.2	48.0	72.0
206	21.7	16.0	24.0

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 49.60 ng

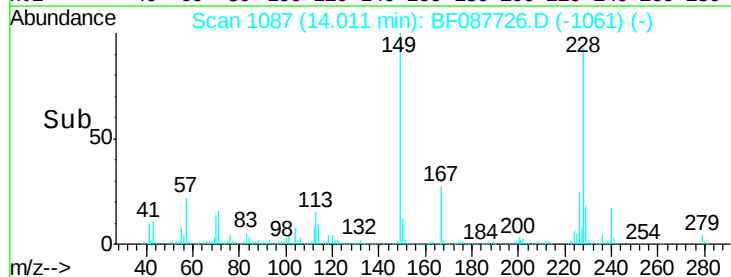
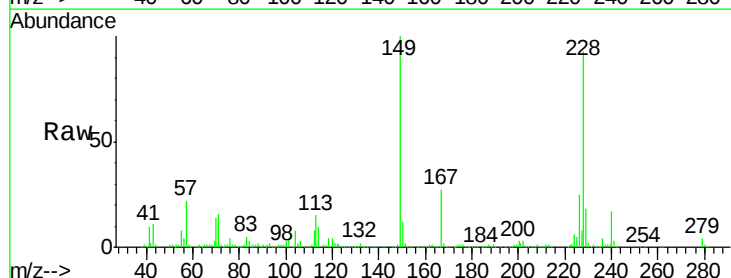
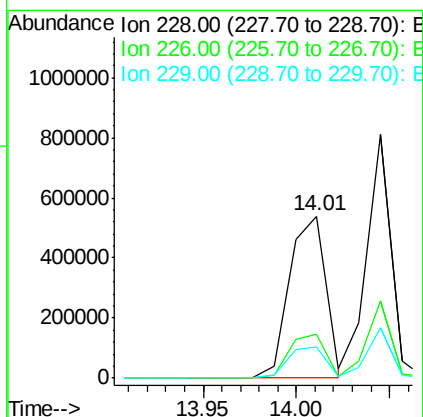
RT: 14.01 min Scan# 1087

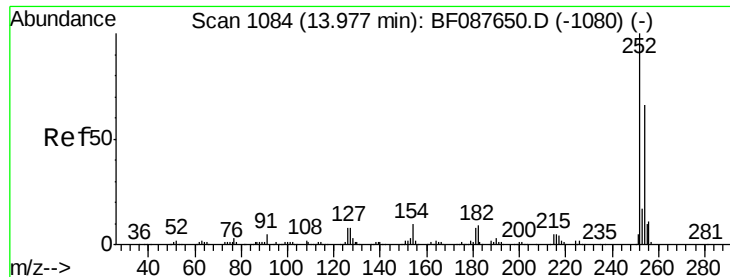
Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Tgt Ion:	228	Resp:	736372
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.3	33.5
229	19.5	16.0	24.0





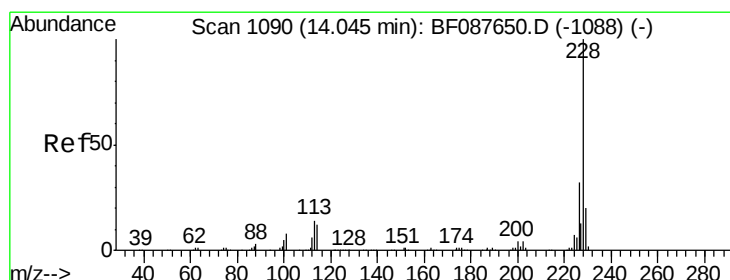
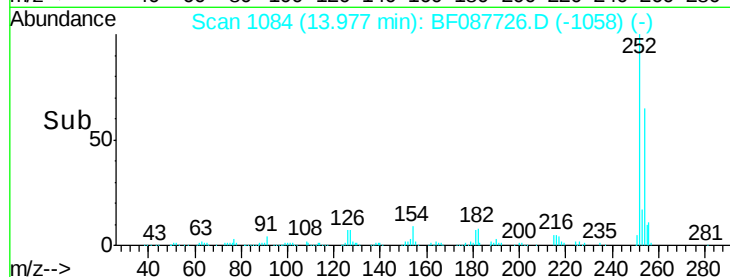
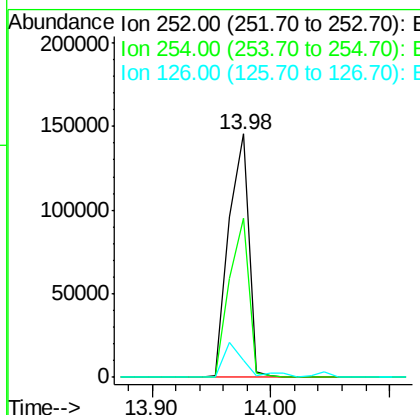
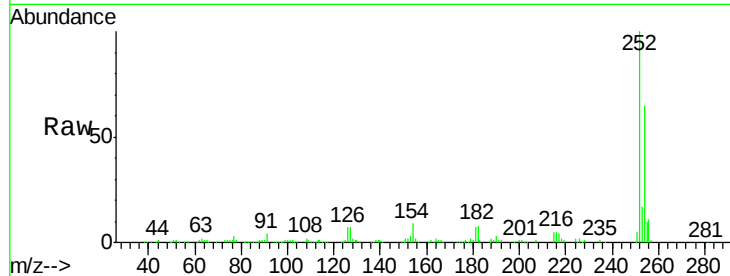
#81
 3,3'-Dichlorobenzidine
 Concen: 40.65 ng
 RT: 13.98 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.6	78.8
126	7.1	6.2	9.2

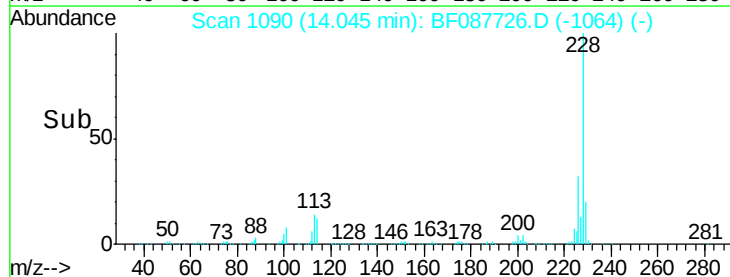
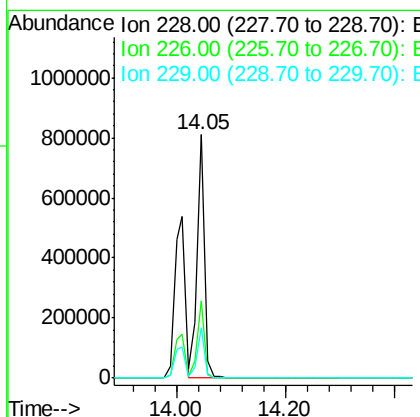
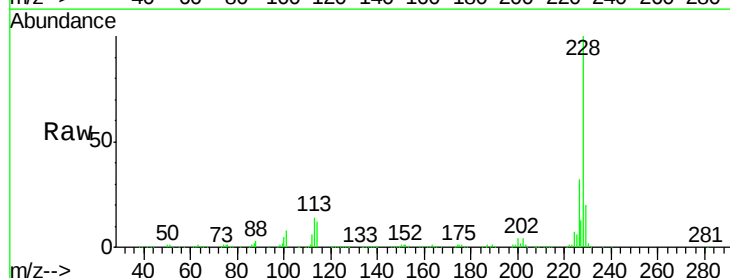
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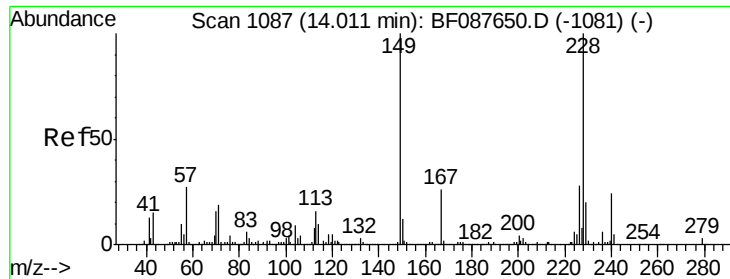
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#82
 Chrysene
 Concen: 50.02 ng
 RT: 14.05 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.4	38.2
229	20.5	16.3	24.5





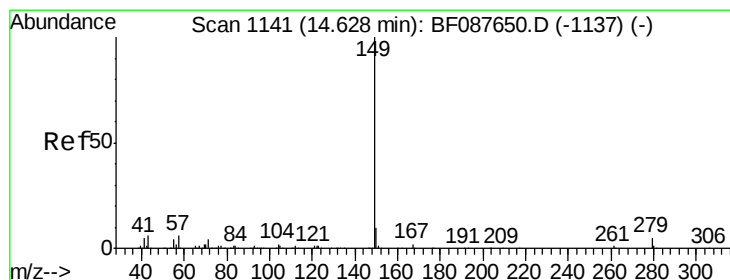
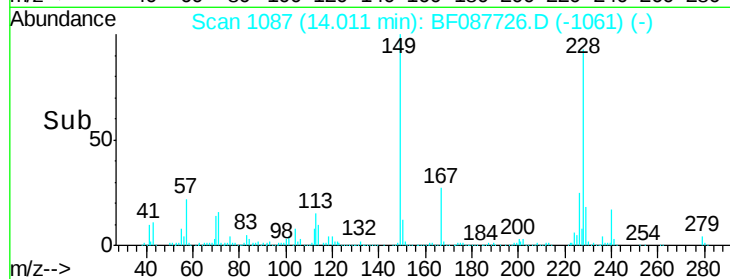
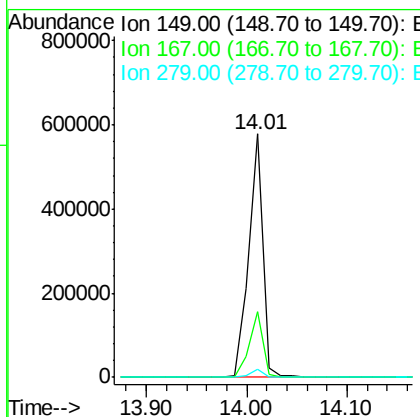
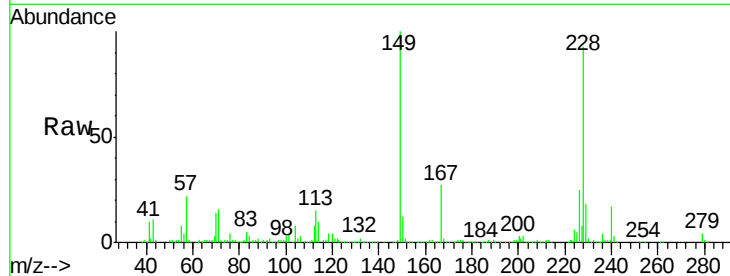
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 60.89 ng
 RT: 14.01 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	564841		
167	26.7	20.5	30.7	
279	3.6	2.0	3.0	

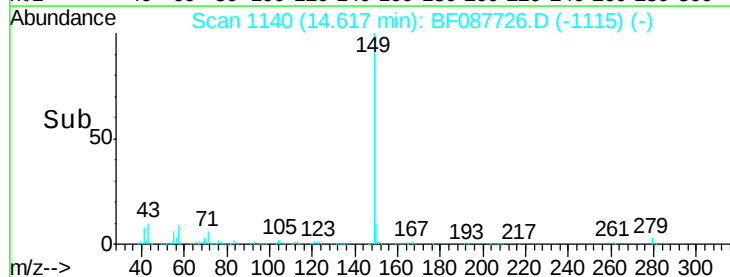
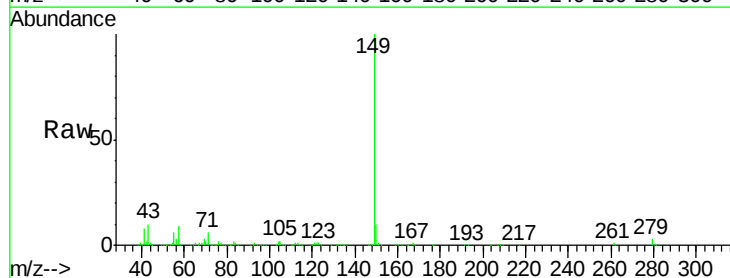
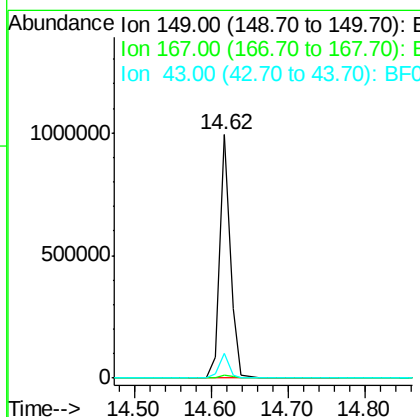
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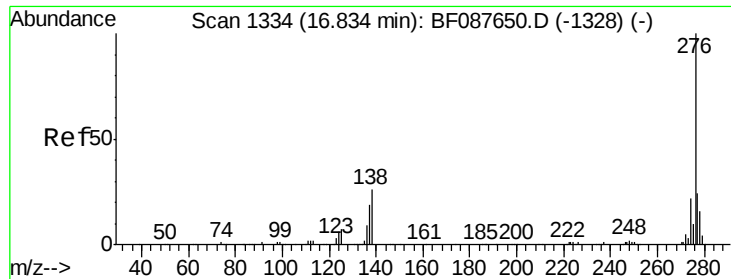
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#84
 Di-n-octyl phthalate
 Concen: 55.06 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	949621		
167	1.5	0.0	0.0	
43	9.6	0.0	0.0	





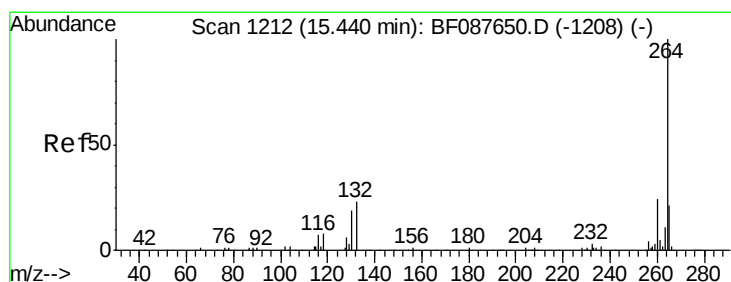
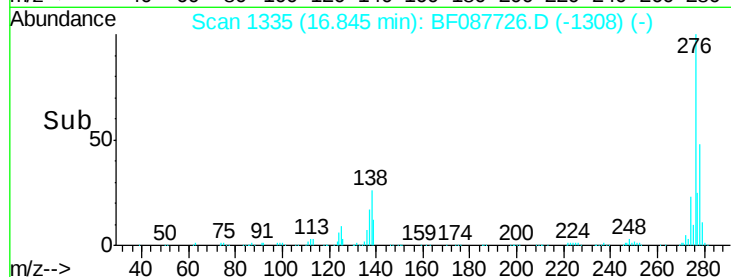
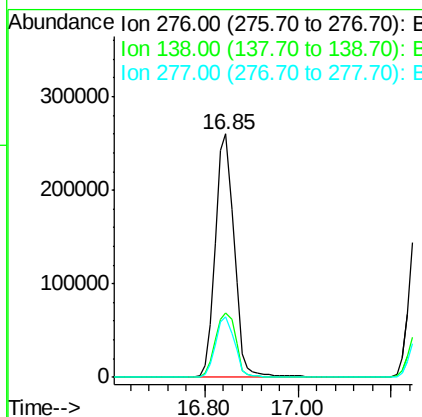
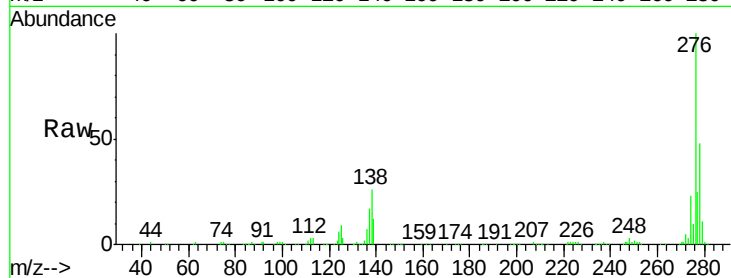
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.79 ng
 RT: 16.85 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	29.2	0.0	0.0#
277	25.2	0.0	0.0#

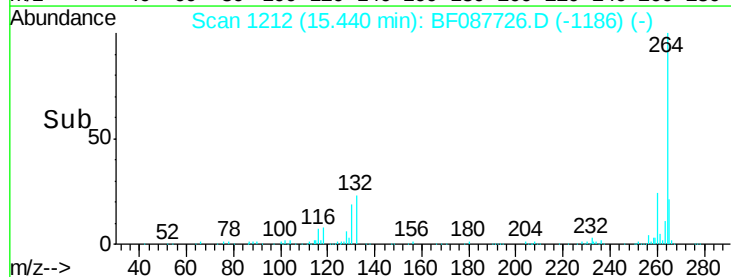
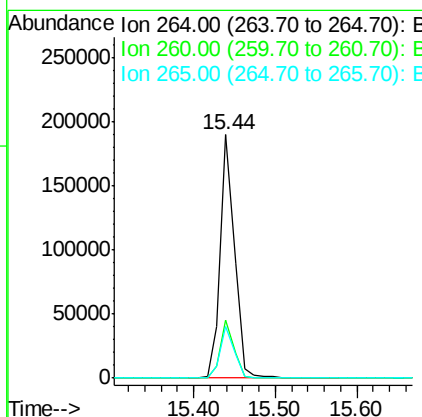
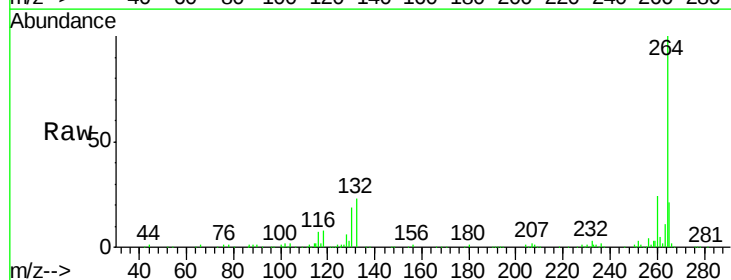
Manual Integrations
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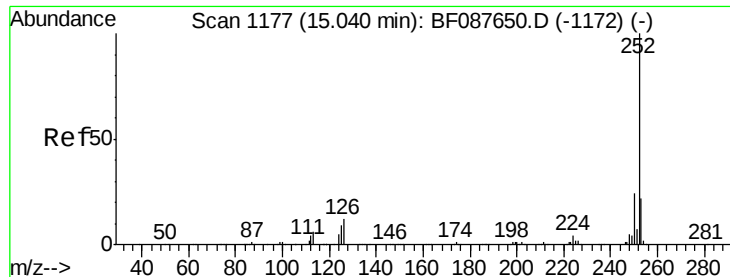
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 50.26 ng m

RT: 15.04 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Instrument :

BNA_F

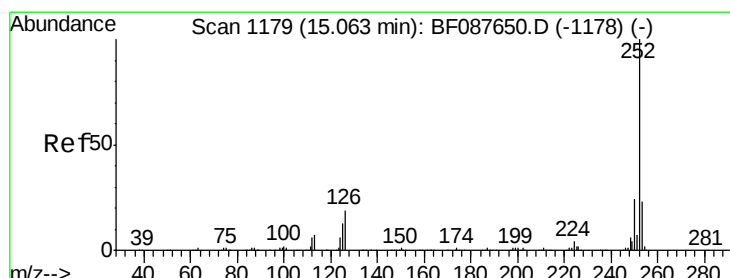
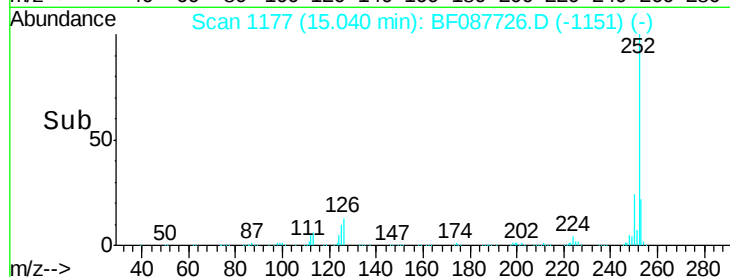
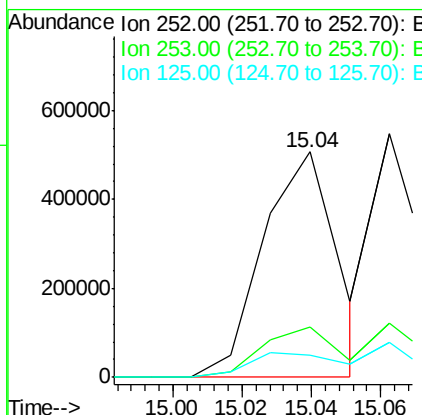
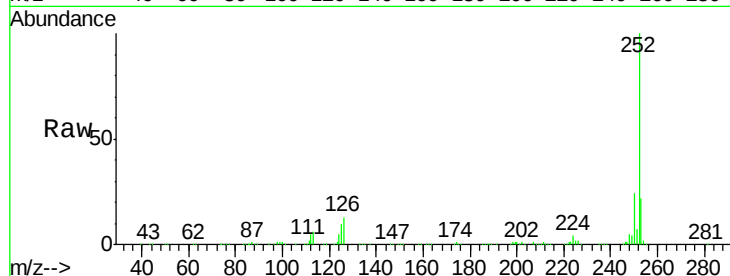
ClientSampleId :

SB-7MS

Tot Ion:	252	Resp:	753606
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	9.8	7.1	10.7

Manual Integrations
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6/6/2016 7:25:09 PM



#88

Benzo(k)fluoranthene

Concen: 45.75 ng m

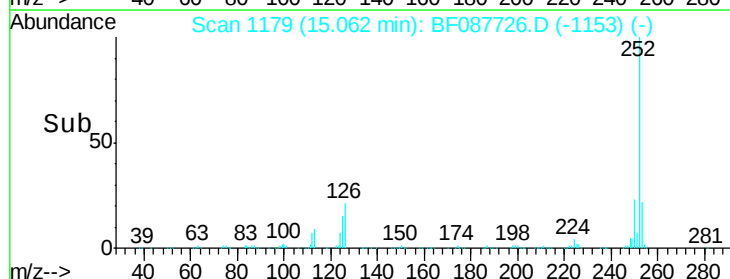
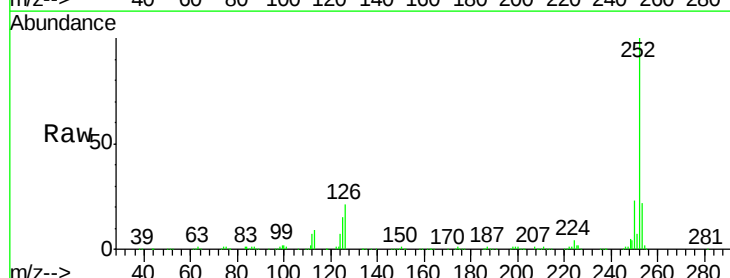
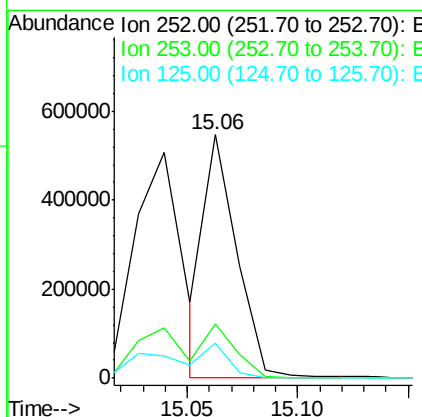
RT: 15.06 min Scan# 1179

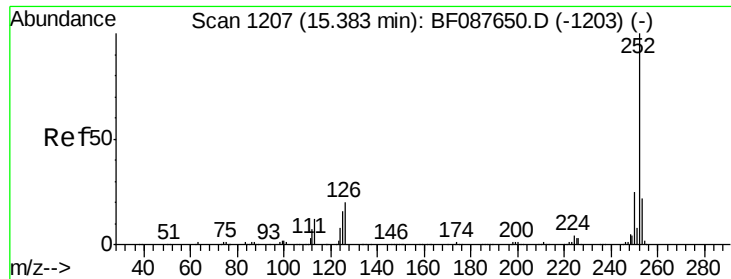
Delta R.T. 0.00 min

Lab File: BF087726.D

Acq: 6 Jun 2016 00:22

Tgt Ion:	252	Resp:	570755
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.0	27.0
125	14.6	11.2	16.8





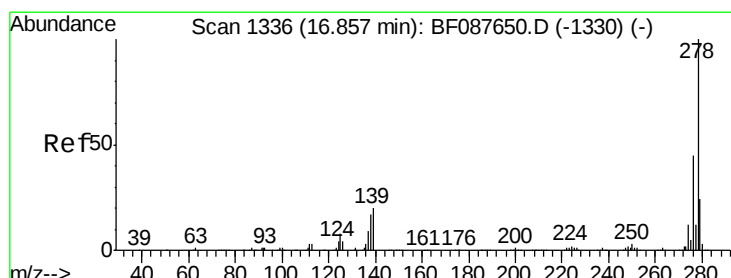
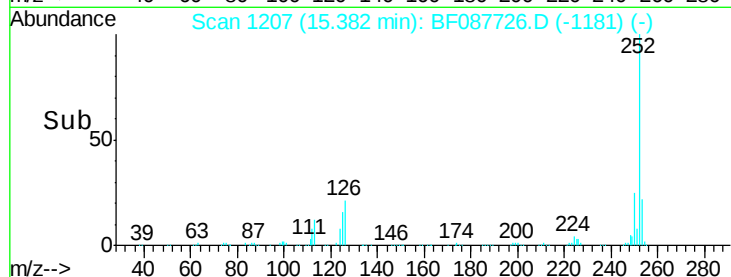
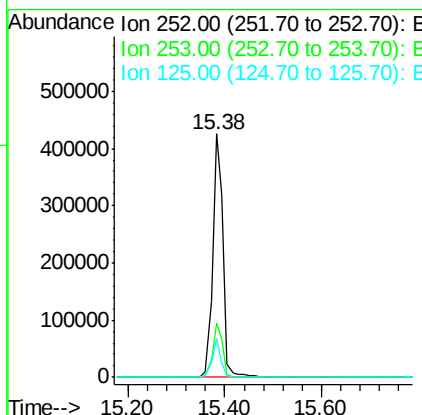
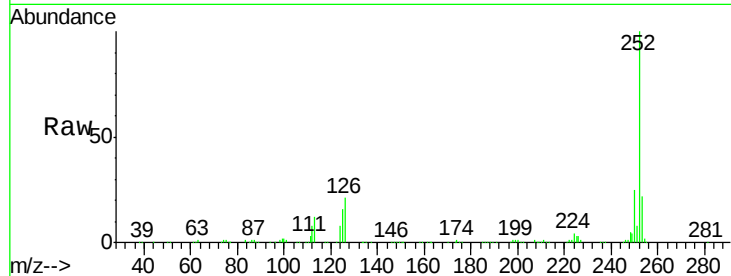
#89
Benzo(a)pyrene
Concen: 50.92 ng
RT: 15.38 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Instrument :
BNA_F
ClientSampled :
SB-7MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	16.1	12.5	18.7

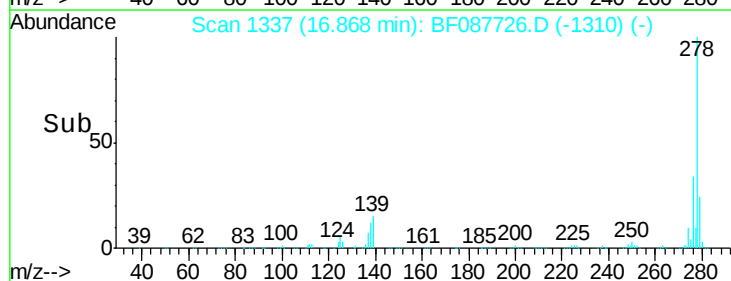
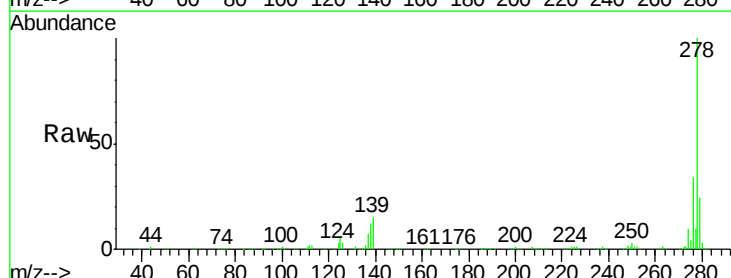
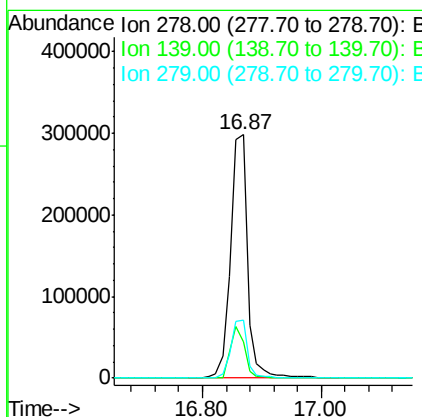
Manual Integrations
APPROVED

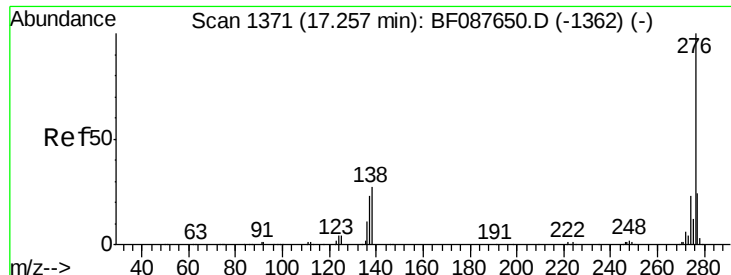
SOHIL
6/6/2016 7:25:09 PM



#90
Dibenzo(a,h)anthracene
Concen: 55.53 ng
RT: 16.87 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF087726.D
Acq: 6 Jun 2016 00:22

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.7	23.5#
279	23.9	19.4	29.2





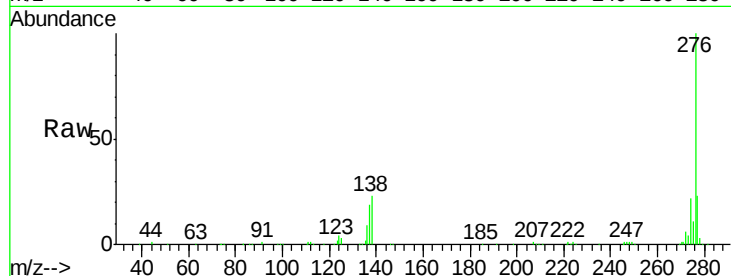
#91
 Benzo(a,h,i)perylene
 Concen: 56.00 ng
 RT: 17.27 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF087726.D
 Acq: 6 Jun 2016 00:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-7MS

Tot Ion:	276	Resp:	606057
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.9	28.3
138	22.8	21.4	32.2

Manual Integrations
 APPROVED

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 6/6/2016 7:25:09 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

