

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086525.D
 Acq On : 30 Apr 2016 15:56
 Operator : UM/SJ
 Sample : PB90140BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BS

Manual Integrations
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 5/2/2016 7:52:57 PM

Quant Time: May 01 04:08:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 01 01:17:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	148374	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	631906	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	305154	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	585026	20.00	ng	0.00
75) Chrysene-d12	13.92	240	436440	20.00	ng	0.00
86) Perylene-d12	15.31	264	355932	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1045626	121.56	ng	0.01
7) Phenol-d6	6.41	99	1519260	126.55	ng	0.00
23) Nitrobenzene-d5	7.33	82	926775	79.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	419744	130.43	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1607558	94.36	ng	0.00
78) Terphenyl-d14	12.88	244	1592417	80.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	147863	32.72	ng	# 76
3) Pyridine	3.07	79	367281	34.34	ng	# 78
4) n-Nitrosodimethylamine	3.01	42	259338	42.55	ng	# 58
6) Aniline	6.43	93	344668	23.72	ng	# 43
8) 2-Chlorophenol	6.56	128	425195	39.69	ng	98
9) Benzaldehyde	6.30	77	62903	9.01	ng	97
10) Phenol	6.43	94	490739	36.64	ng	# 70
11) bis(2-Chloroethyl)ether	6.51	93	470368	40.62	ng	92
12) 1,3-Dichlorobenzene	6.70	146	419704	36.42	ng	# 93
13) 1,4-Dichlorobenzene	6.78	146	447231	37.61	ng	95
14) 1,2-Dichlorobenzene	6.93	146	396340	36.35	ng	95
15) Benzyl Alcohol	6.92	79	352032	46.35	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	882571	38.08	ng	90
17) 2-Methylphenol	7.04	107	370853	42.82	ng	94
18) Hexachloroethane	7.28	117	159034	35.79	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	327550	41.28	ng	# 82
20) 3+4-Methylphenols	7.18	107	421934	42.67	ng	# 86
22) Acetophenone	7.18	105	576132	41.58	ng	# 90
24) Nitrobenzene	7.36	77	497650	41.27	ng	97
25) Isophorone	7.60	82	877067	38.87	ng	99
26) 2-Nitrophenol	7.68	139	232833	41.93	ng	96
27) 2,4-Dimethylphenol	7.72	122	419654	43.07	ng	94
28) bis(2-Chloroethoxy)methane	7.81	93	548010	44.58	ng	99
29) 2,4-Dichlorophenol	7.92	162	359848	43.78	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	357245	37.46	ng	96
31) Naphthalene	8.08	128	1236197	38.45	ng	99
32) Benzoic acid	7.85	122	185414	34.46	ng	86
33) 4-Chloroaniline	8.13	127	159584	13.25	ng	99
34) Hexachlorobutadiene	8.20	225	194406	36.37	ng	99
35) Caprolactam	8.50	113	120969m	44.11	ng	
36) 4-Chloro-3-methylphenol	8.62	107	417452	44.36	ng	98
37) 2-Methylnaphthalene	8.77	142	819138	43.17	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	307806	35.24	ng	# 97
40) Hexachlorocyclopentadiene	8.92	237	316431	72.90	ng	97

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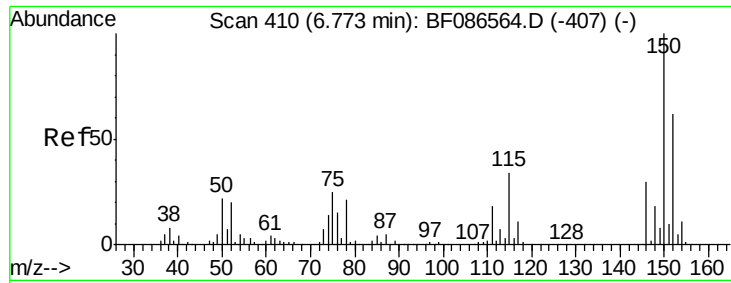
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	228885	41.45	ng	96
43) 2,4,5-Trichlorophenol	9.09	196	244189	40.58	ng #	90
45) 1,1'-Biphenyl	9.23	154	957080	37.52	ng	96
46) 2-Chloronaphthalene	9.25	162	717820	37.01	ng	93
47) 2-Nitroaniline	9.36	65	304792	49.01	ng	87
48) Acenaphthylene	9.66	152	1162672	38.35	ng	99
49) Dimethylphthalate	9.54	163	896080	39.01	ng	99
50) 2,6-Dinitrotoluene	9.60	165	192993	40.66	ng #	85
51) Acenaphthene	9.84	154	831659	42.71	ng	99
52) 3-Nitroaniline	9.77	138	111067	20.58	ng	100
53) 2,4-Dinitrophenol	9.87	184	182508	71.28	ng #	73
54) Dibenzofuran	10.02	168	1063436	43.70	ng	96
55) 4-Nitrophenol	9.94	139	311146	88.04	ng #	69
56) 2,4-Dinitrotoluene	10.01	165	265587	43.90	ng #	83
57) Fluorene	10.35	166	760545	35.99	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	215933	45.89	ng	99
59) Diethylphthalate	10.24	149	862168	39.65	ng	99
60) 4-Chlorophenyl-phenylether	10.35	204	377684	39.37	ng	88
61) 4-Nitroaniline	10.38	138	229683	43.53	ng	86
62) Azobenzene	10.51	77	1080437	45.36	ng	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	134188	39.07	ng #	60
65) n-Nitrosodiphenylamine	10.48	169	729615	39.90	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	237781	39.44	ng #	78
67) Hexachlorobenzene	10.90	284	260510	37.33	ng #	76
68) Atrazine	11.00	200	259624	47.29	ng	96
69) Pentachlorophenol	11.09	266	270535	73.54	ng	97
70) Phenanthrene	11.31	178	1178427	38.38	ng	99
71) Anthracene	11.37	178	1381922	42.18	ng	100
72) Carbazole	11.52	167	1187058	40.88	ng	99
73) Di-n-butylphthalate	11.86	149	1419410	43.15	ng	99
74) Fluoranthene	12.50	202	1330095	42.92	ng	92
76) Benzidine	12.63	184	358735	23.92	ng	95
77) Pyrene	12.73	202	1304648	41.49	ng	99
79) Butylbenzylphthalate	13.35	149	526666	38.67	ng #	71
80) Benzo(a)anthracene	13.91	228	962931	41.38	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	170566	10.97	ng	99
82) Chrysene	13.94	228	1034031	40.88	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	602293	35.62	ng #	96
84) Di-n-octyl phthalate	14.52	149	1027072	38.79	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	844952	45.09	ng	98
87) Benzo(b)fluoranthene	14.92	252	923057m	44.08	ng	
88) Benzo(k)fluoranthene	14.95	252	793046m	36.31	ng	
89) Benzo(a)pyrene	15.25	252	805826	40.76	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	706067	43.64	ng	99
91) Benzo(g,h,i)perylene	17.05	276	716093	44.17	ng	97

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



#1

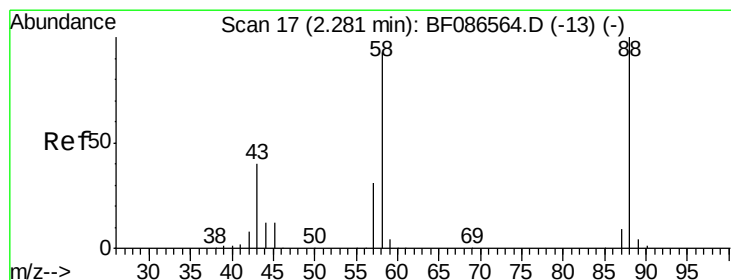
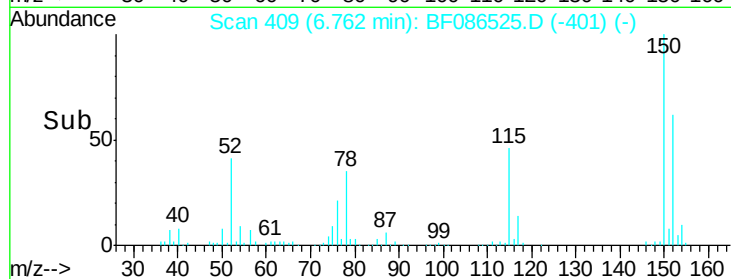
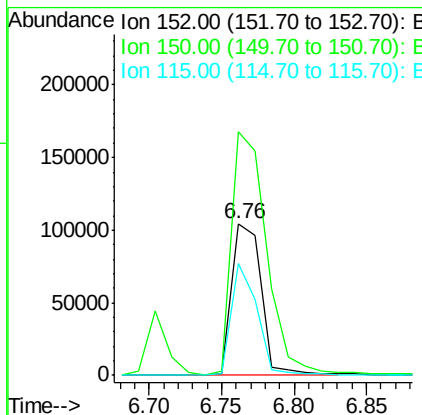
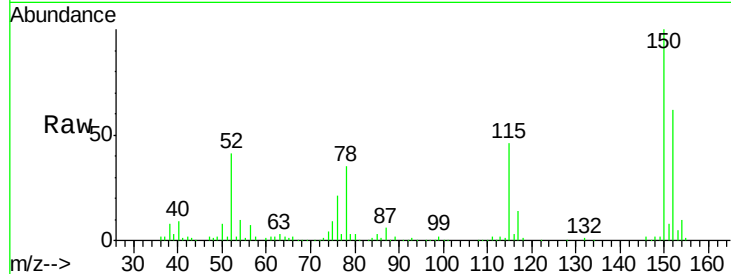
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
PB90140BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.8	188.6
115	73.3	51.5	77.3

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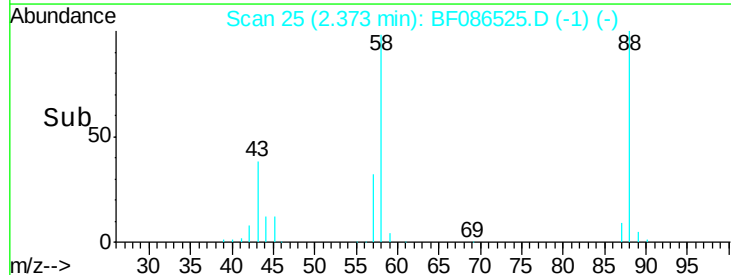
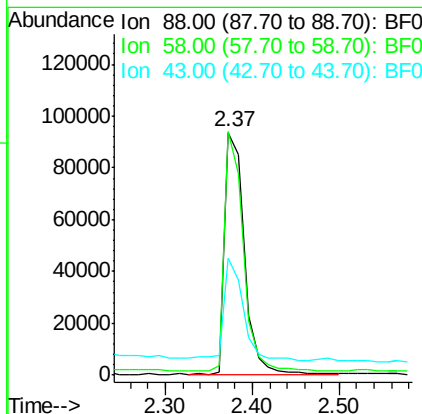
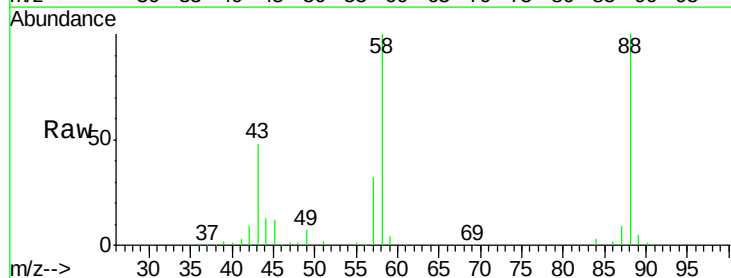
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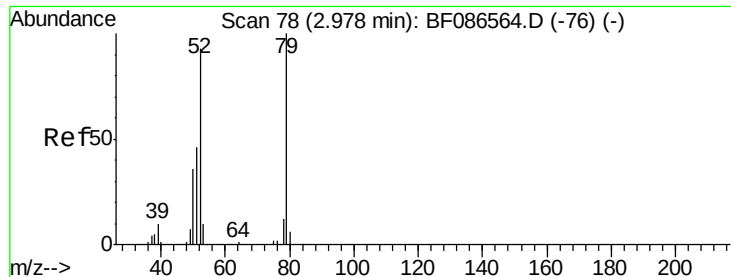


#2

1,4-Dioxane
Concen: 32.72 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.4	59.6	89.4#
43	41.3	21.8	32.6#





#3

Pyridine

Concen: 34.34 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.09 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

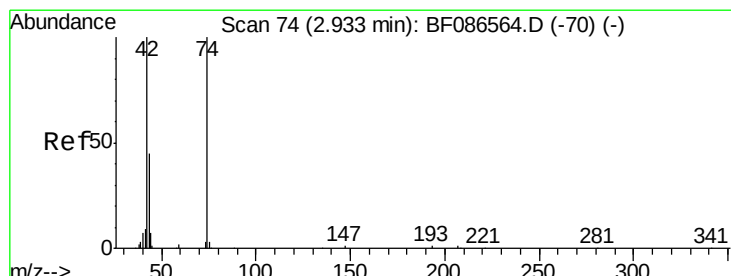
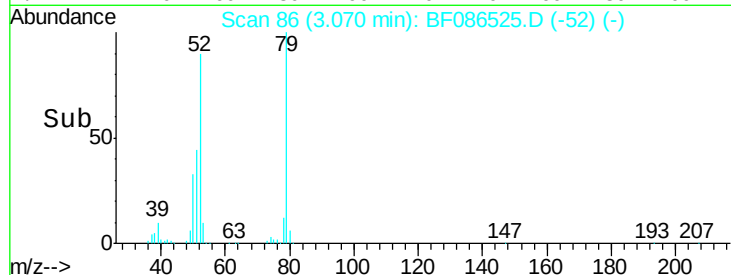
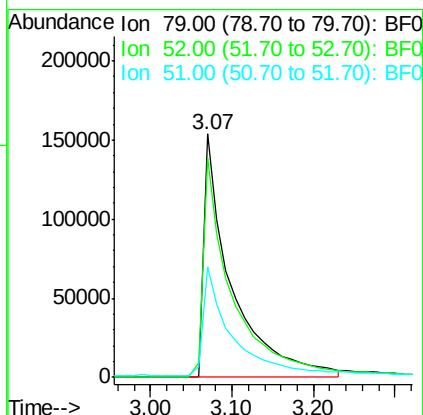
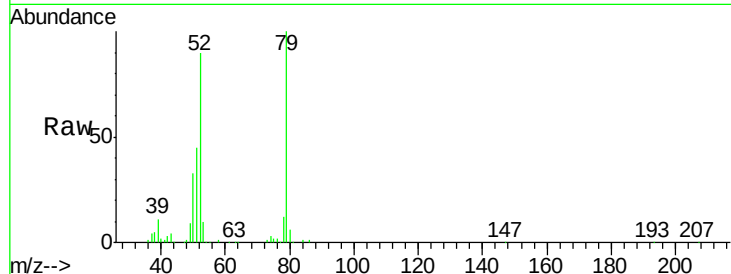
ClientSampleId :

PB90140BS

Tgt Ion:	79	Resp:	367281
Ion Ratio	Lower	Upper	
79	100		
52	90.3	55.9	83.9#
51	45.3	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 42.55 ng

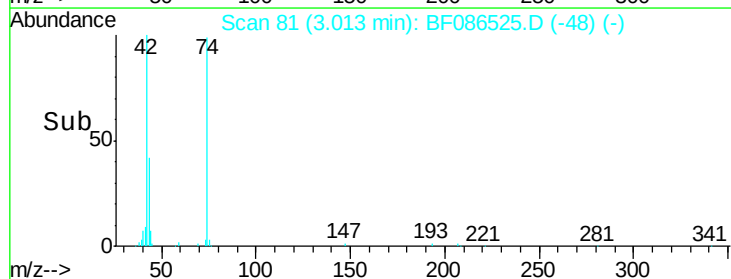
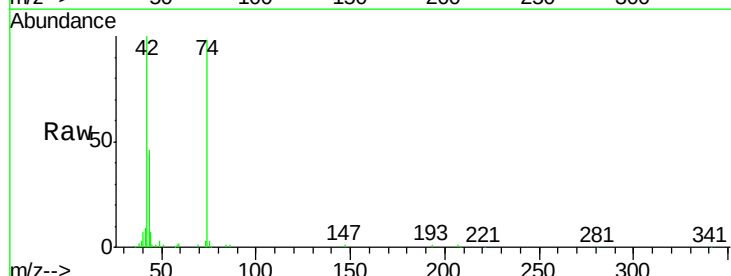
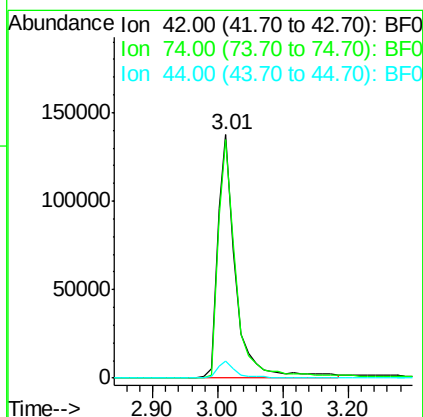
RT: 3.01 min Scan# 81

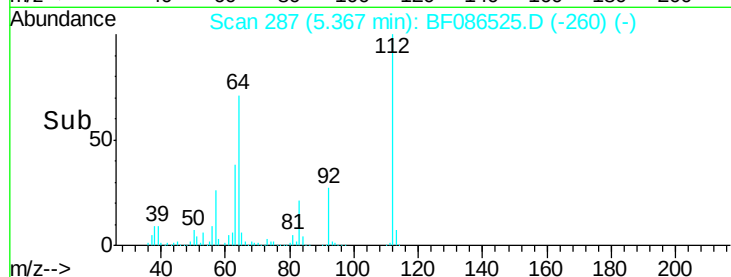
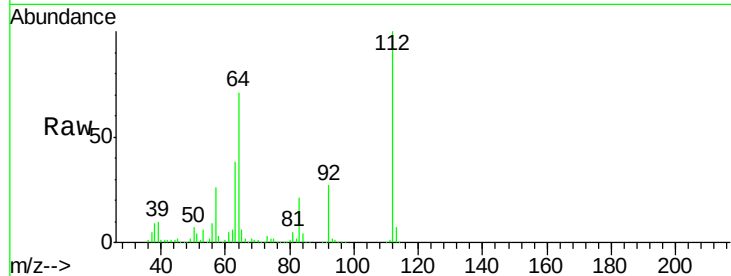
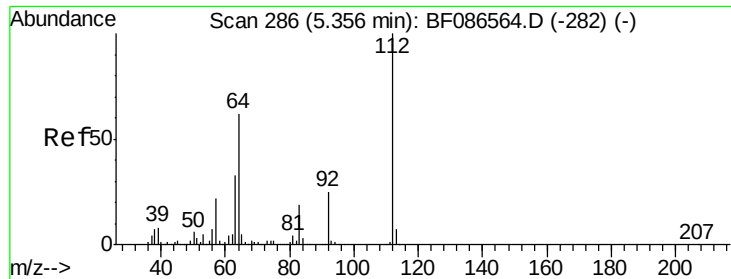
Delta R.T. 0.08 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:	42	Resp:	259338
Ion Ratio	Lower	Upper	
42	100		
74	98.1	123.4	185.0#
44	6.8	5.8	8.6





#5

2-Fluorophenol

Concen: 121.56 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion: 112 Resp: 1045626

Ion Ratio Lower Upper

112 100

64 71.0 52.1 78.1

63 38.3 25.7 38.5

Instrument :

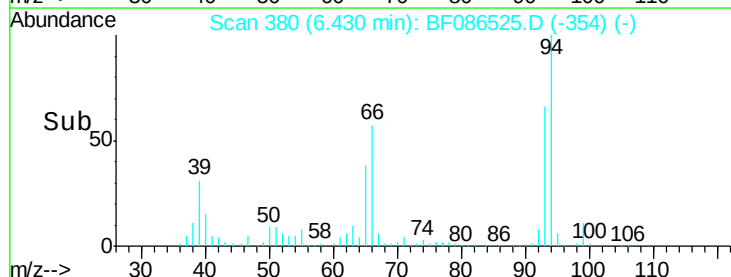
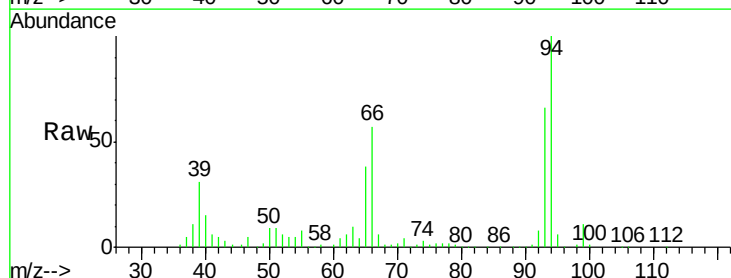
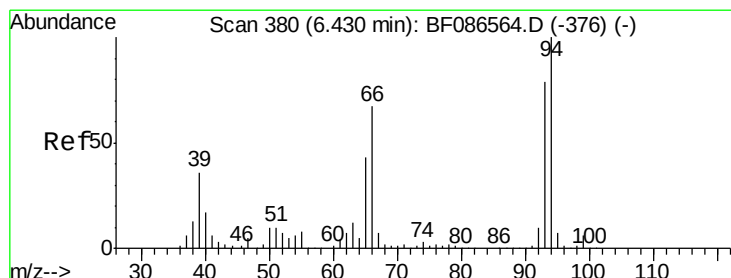
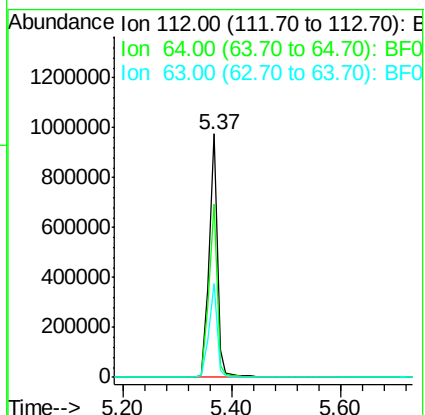
BNA_F

ClientSampleId :

PB90140BS

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#6

Aniline

Concen: 23.72 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

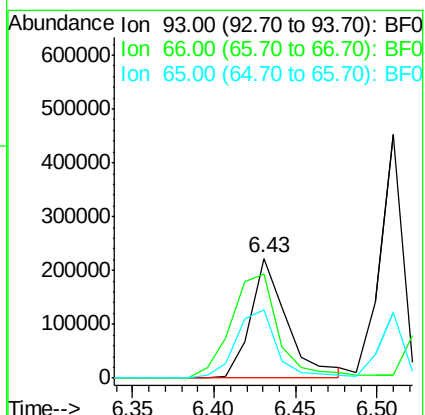
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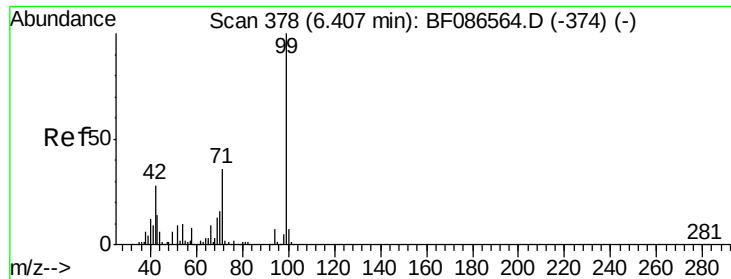
Ion Ratio Lower Upper

93 100

66 86.4 39.0 58.6#

65 56.7 20.6 31.0#





#7

Phenol-d6

Concen: 126.55 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

PB90140BS

Tgt Ion: 99 Resp: 1519260

Ion Ratio Lower Upper

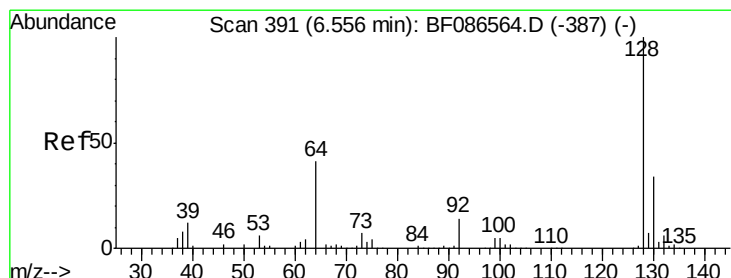
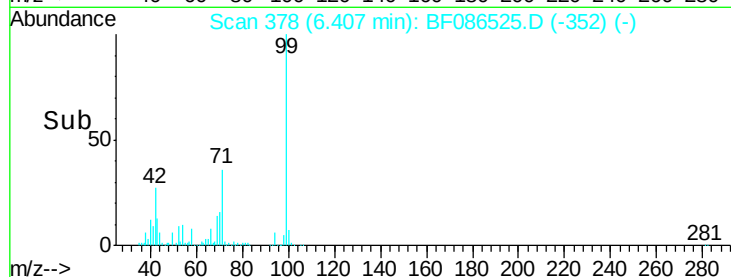
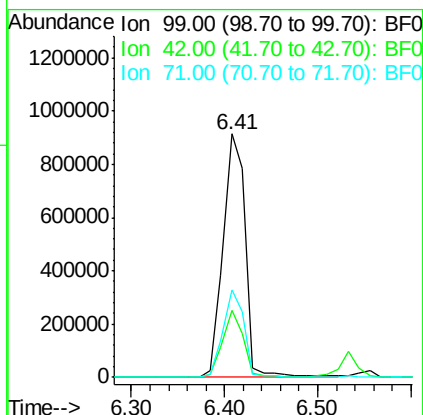
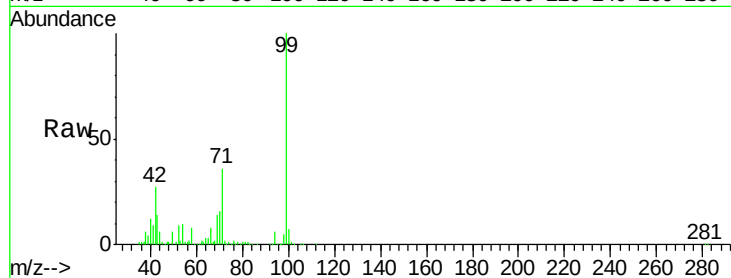
99 100

42 27.3 13.6 20.4#

71 36.1 24.6 36.8

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#8

2-Chlorophenol

Concen: 39.69 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

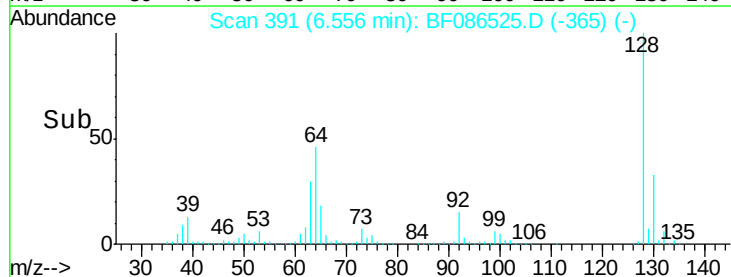
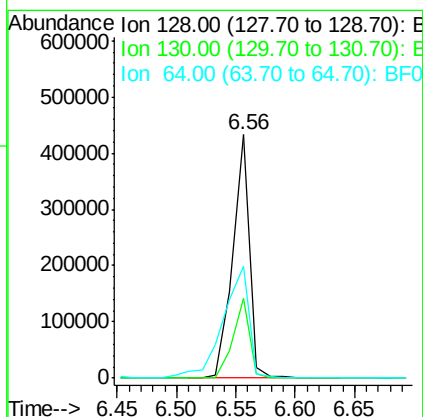
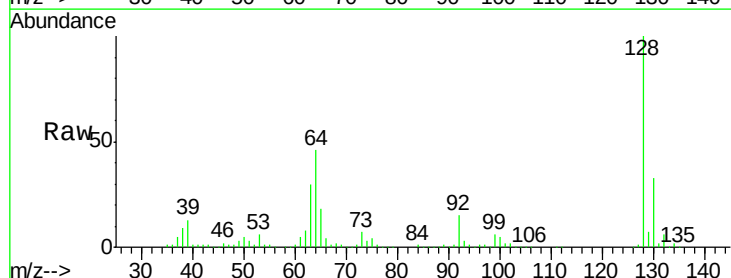
Tgt Ion: 128 Resp: 425195

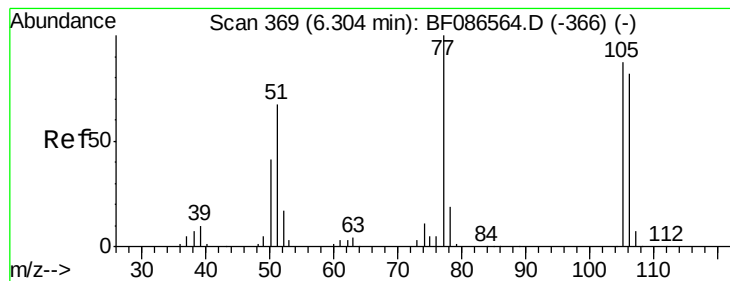
Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

64 45.7 27.3 67.3





#9

Benzaldehyde

Concen: 9.01 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

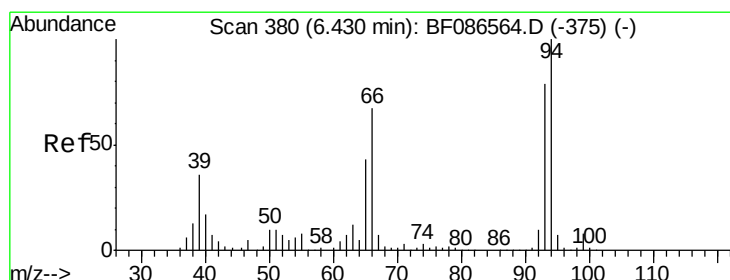
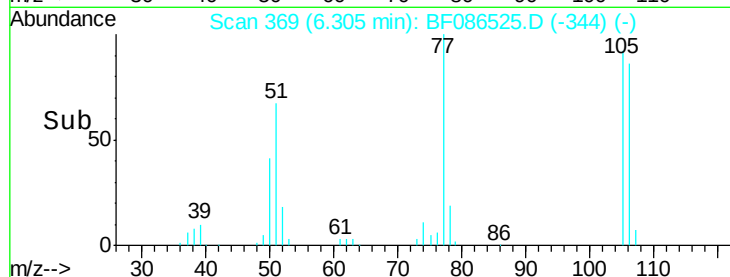
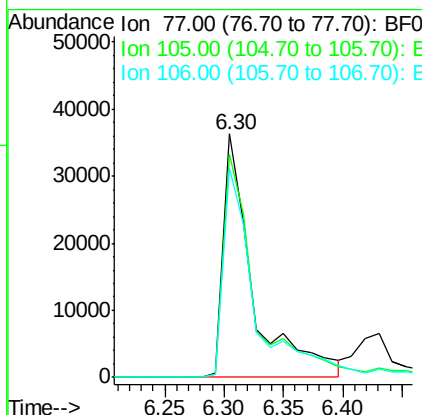
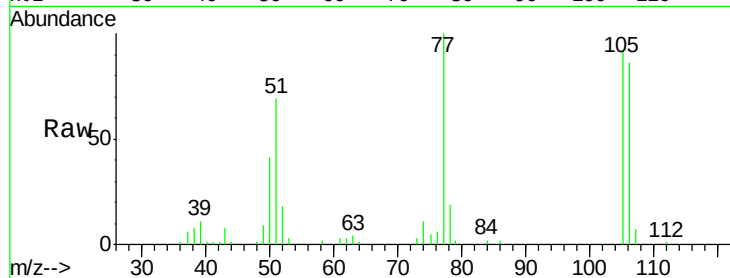
ClientSampleId :

PB90140BS

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Tgt Ion:	77	Resp:	62903
Ion	Ratio	Lower	Upper
77	100		
105	91.8	72.7	112.7
106	85.8	70.8	110.8



#10

Phenol

Concen: 36.64 ng

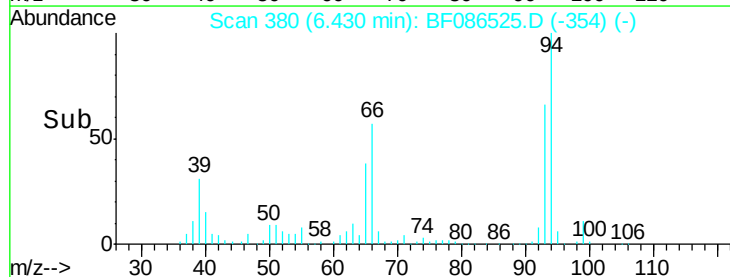
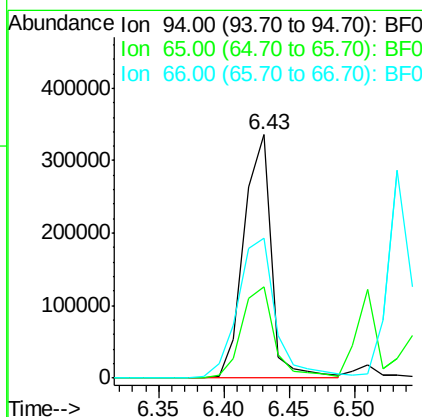
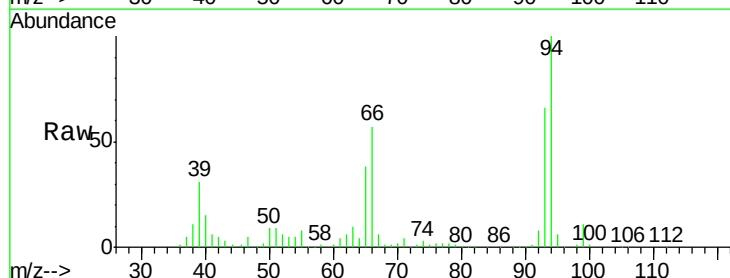
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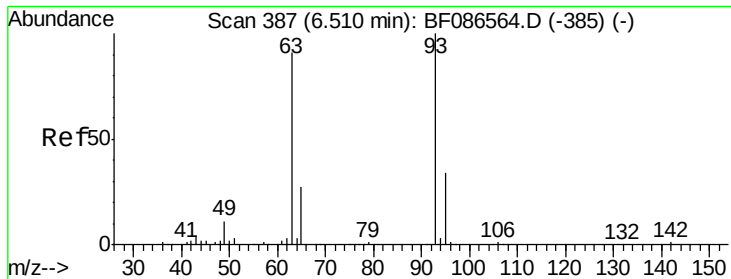
Delta R.T. 0.00 min

Lab File: BF086525.D

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Tgt Ion:	94	Resp:	490739
Ion	Ratio	Lower	Upper
94	100		
65	37.6	7.2	47.2
66	57.3	14.9	54.9#





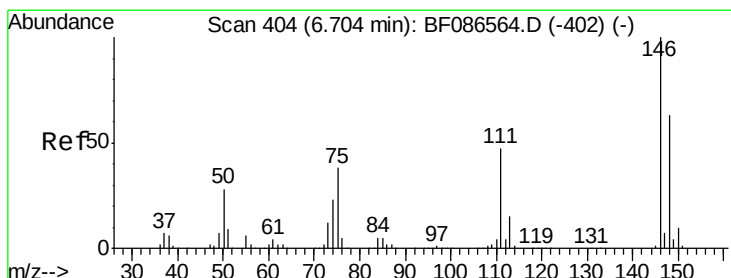
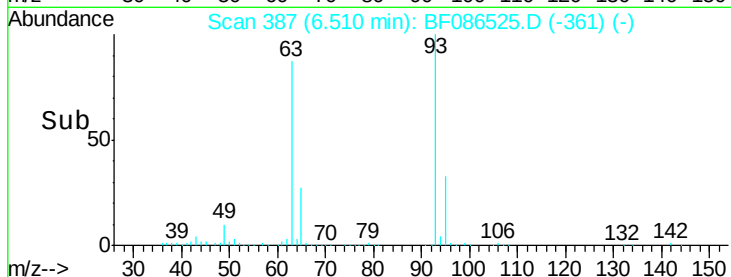
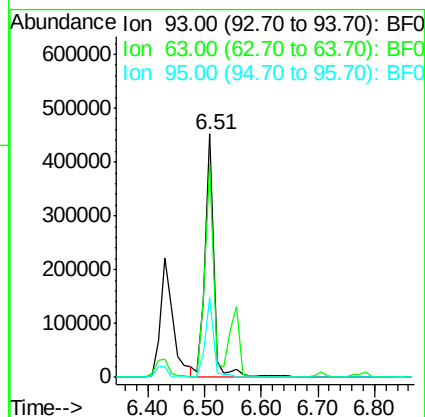
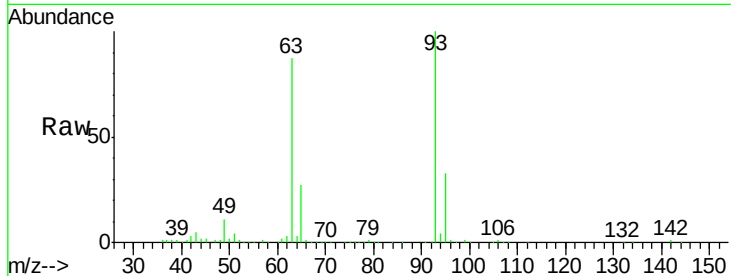
#11
bis(2-Chloroethyl)ether
Concen: 40.62 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
PB90140BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	470368		
63	87.4	58.0	98.0	
95	33.0	11.9	51.9	

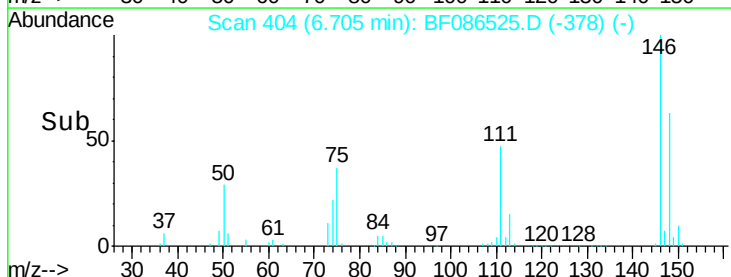
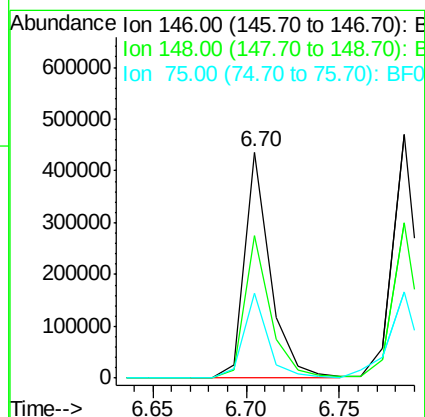
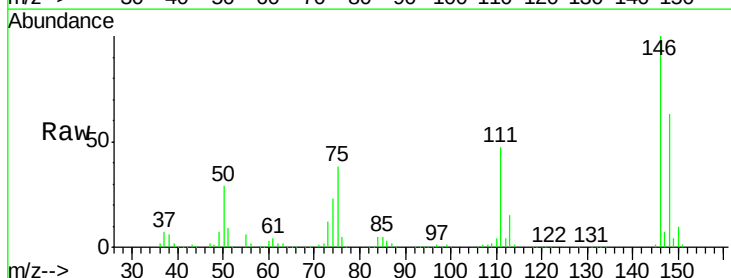
Manual Integrations
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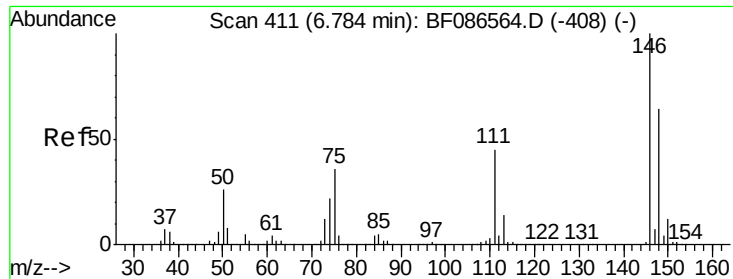
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#12
1,3-Dichlorobenzene
Concen: 36.42 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	419704		
148	63.4	52.4	78.6	
75	37.5	22.8	34.2	





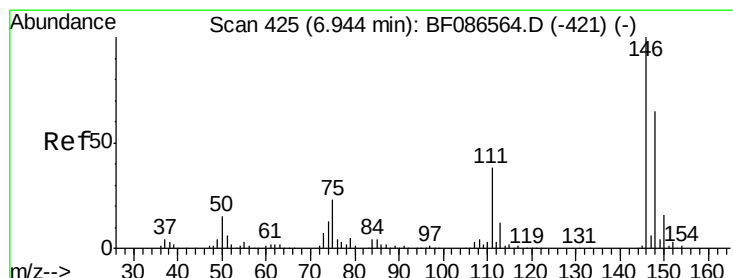
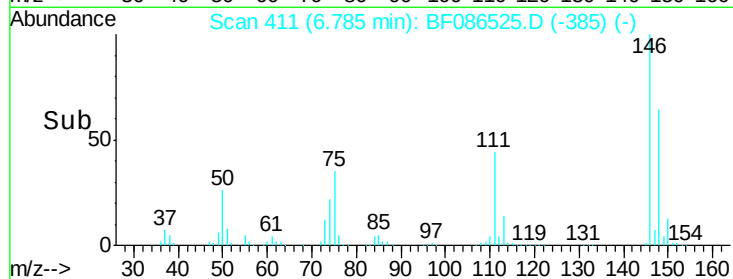
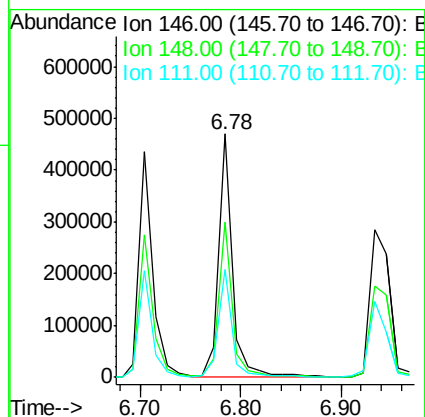
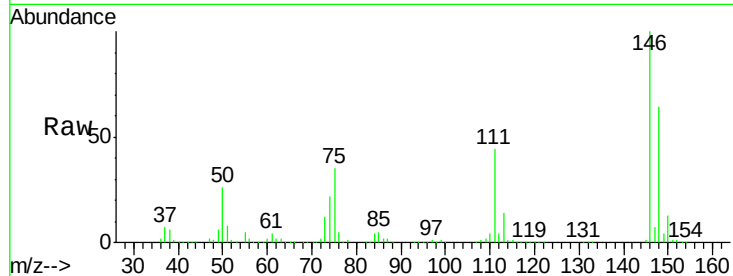
#13
 1,4-Dichlorobenzene
 Concen: 37.61 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	447231		
148	63.6	52.2	78.4	
111	44.5	30.7	46.1	

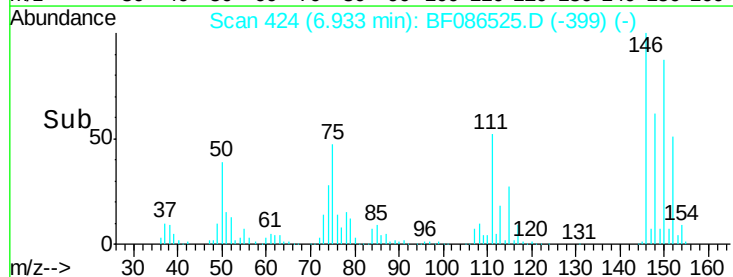
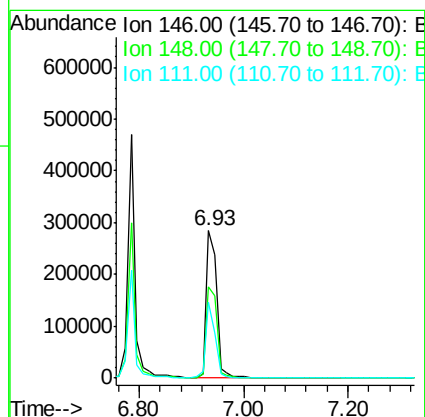
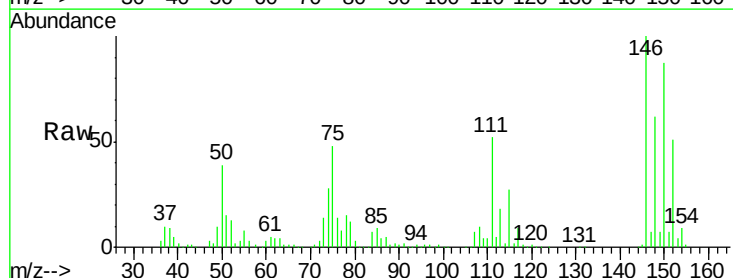
Manual Integrations
 APPROVED

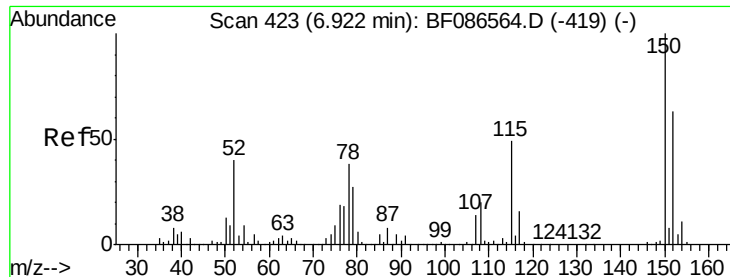
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#14
 1,2-Dichlorobenzene
 Concen: 36.35 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	396340		
148	62.3	51.0	76.6	
111	52.0	36.2	54.4	





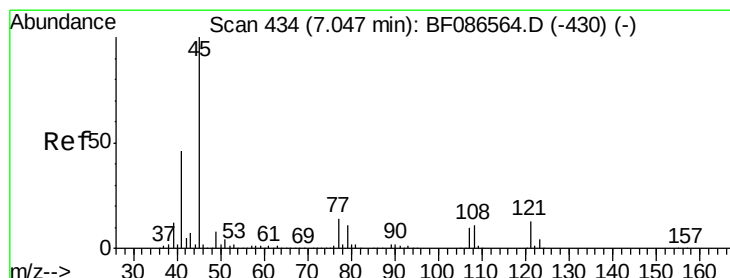
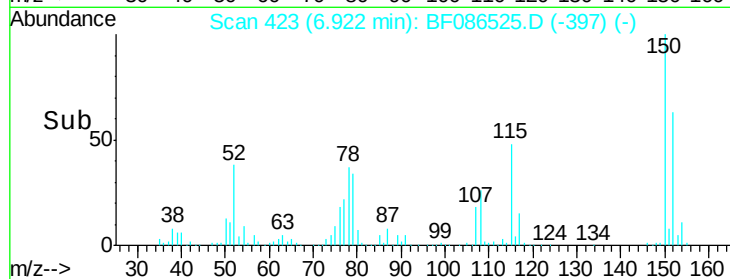
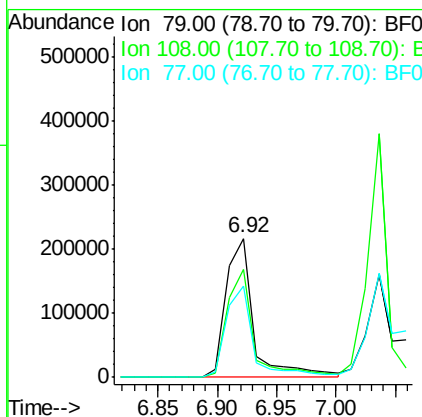
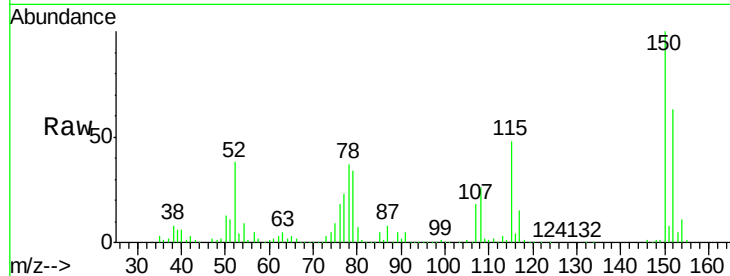
#15
Benzyl Alcohol
Concen: 46.35 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampled :
PB90140BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	352032		
108	77.7	68.4	102.6	
77	66.2	50.6	76.0	

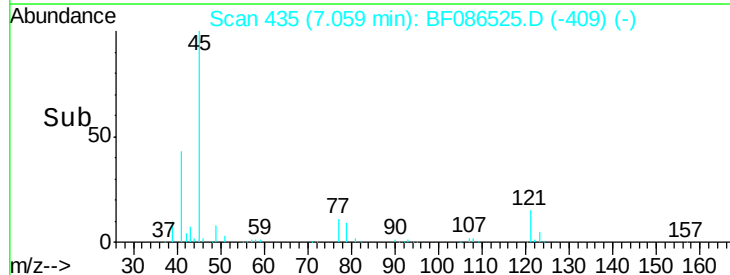
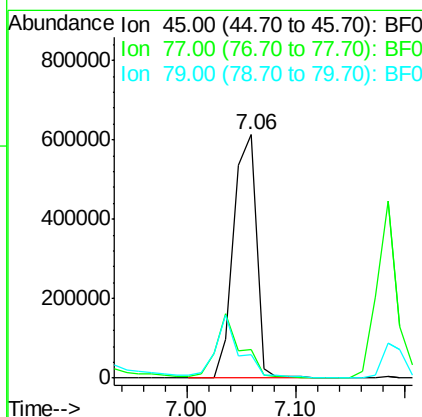
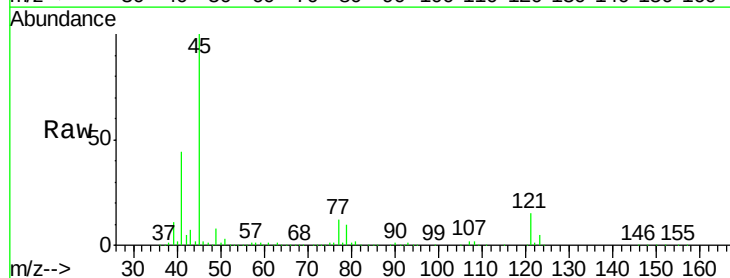
Manual Integrations
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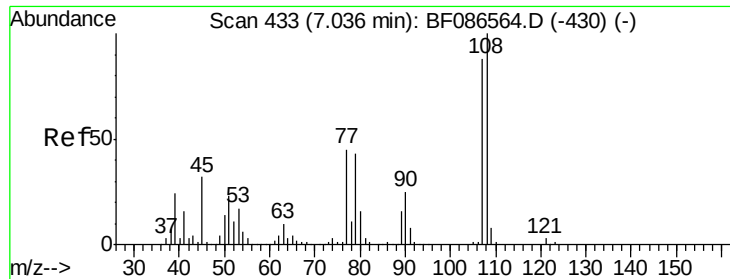
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.08 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	882571		
77	11.8	0.0	36.4	
79	9.6	0.0	33.4	





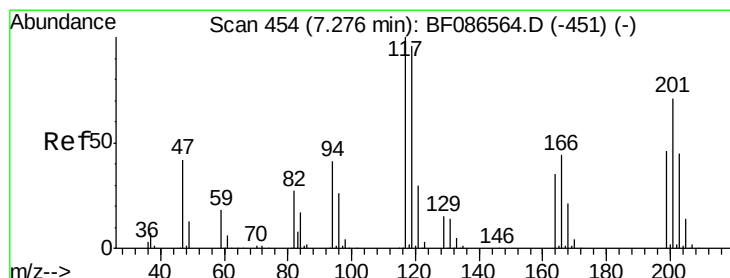
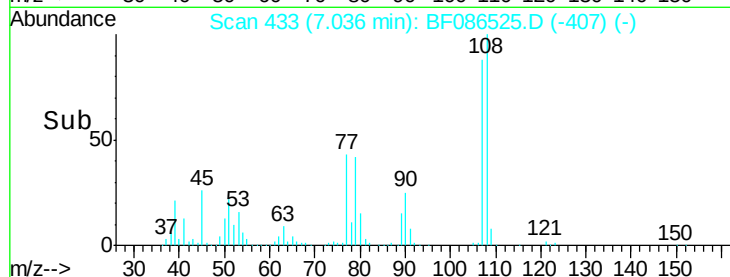
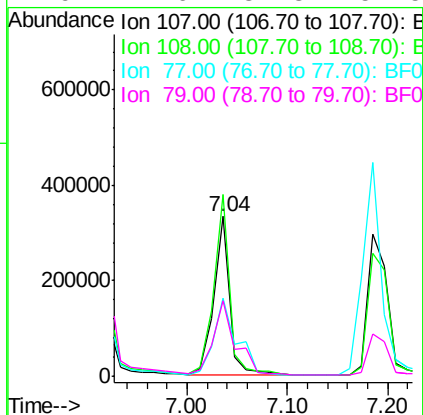
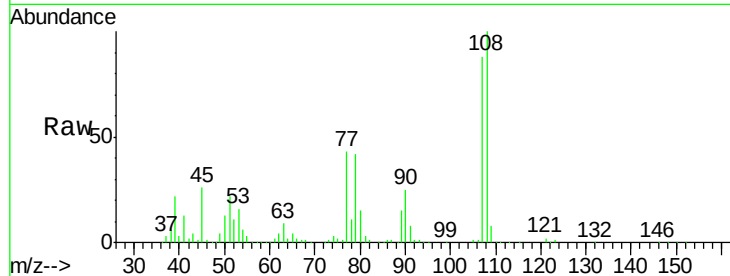
#17
2-Methylphenol
Concen: 42.82 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
PB90140BS

Tgt Ion:	107	Resp:	370853
Ion Ratio	Lower	Upper	
107	100		
108	113.3	93.7	140.5
77	48.7	33.4	50.0
79	47.6	34.3	51.5

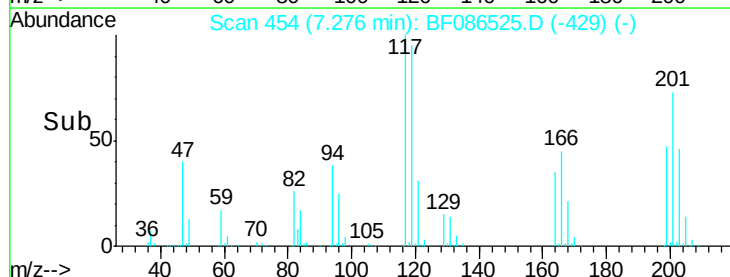
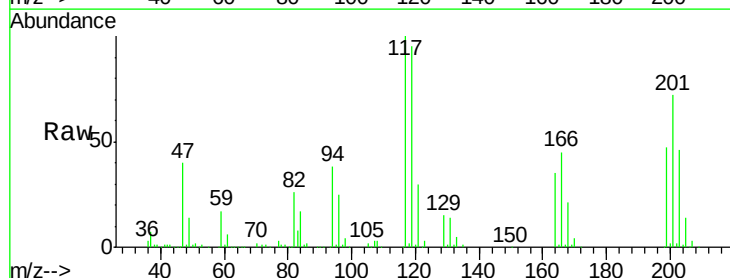
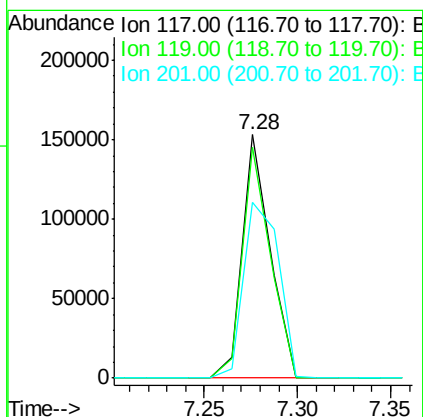
Manual Integrations
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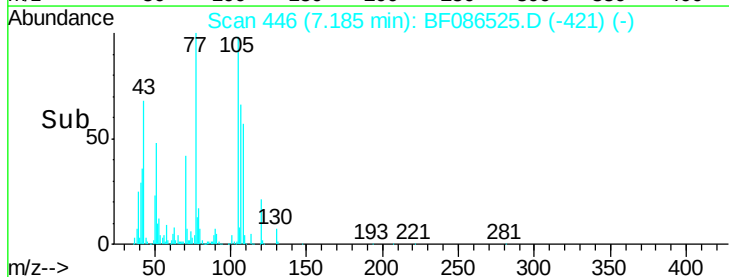
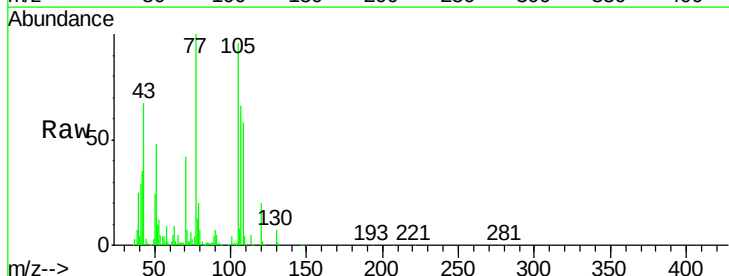
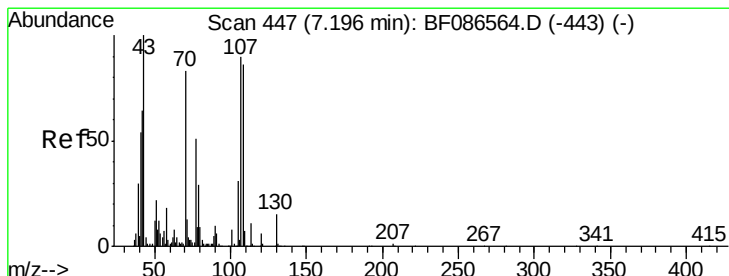
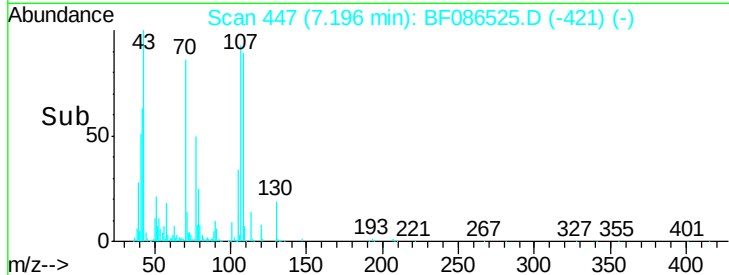
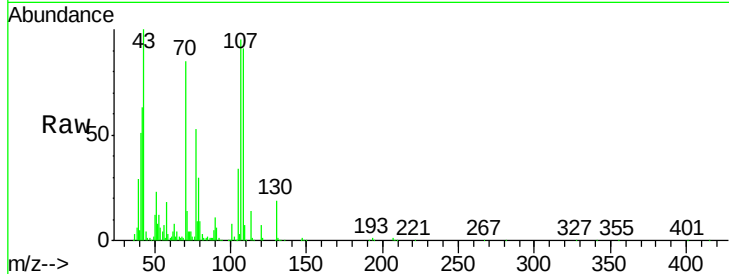
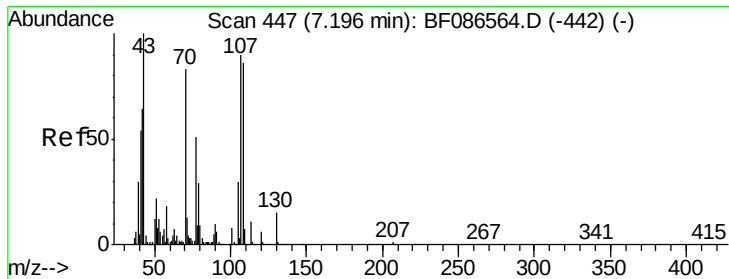
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#18
Hexachloroethane
Concen: 35.79 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion:	117	Resp:	159034
Ion Ratio	Lower	Upper	
117	100		
119	94.6	76.5	114.7
201	72.4	63.0	94.6





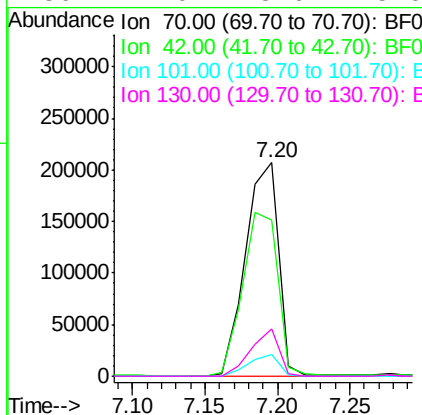
#19
n-Nitroso-di-n-propylamine
Concen: 41.28 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
PB90140BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	73.4	43.1	64.7#
101	9.9	8.1	12.1
130	22.0	18.6	28.0

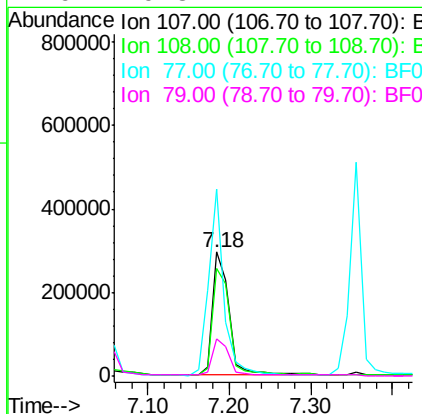
Manual Integrations
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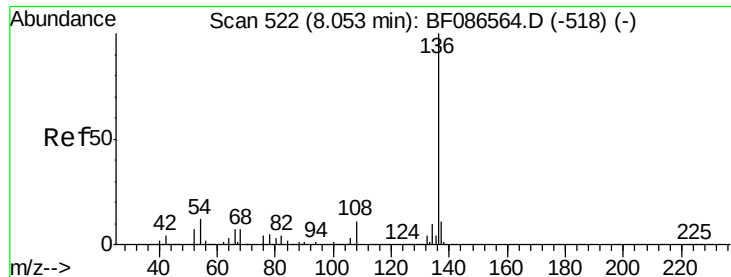
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#20
3+4-Methylphenols
Concen: 42.67 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.9	68.5	108.5
77	150.7	101.6	141.6#
79	29.8	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.00 min

Lab File: BF086525.D

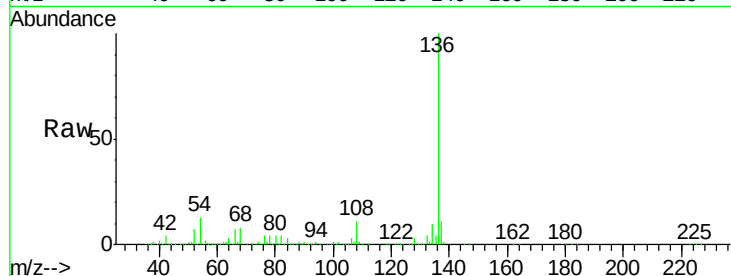
Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

PB90140BS



Tgt Ion:136 Resp: 631906

Ion Ratio Lower Upper

136 100

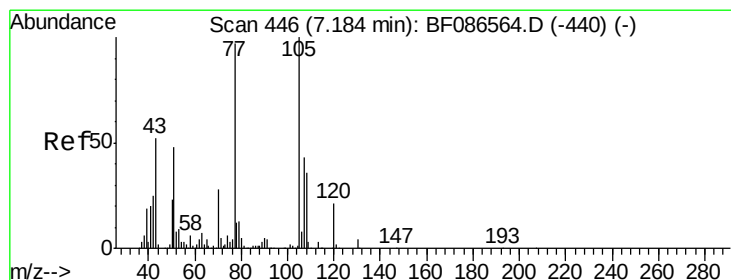
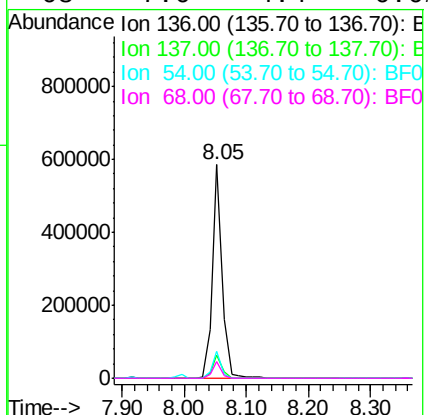
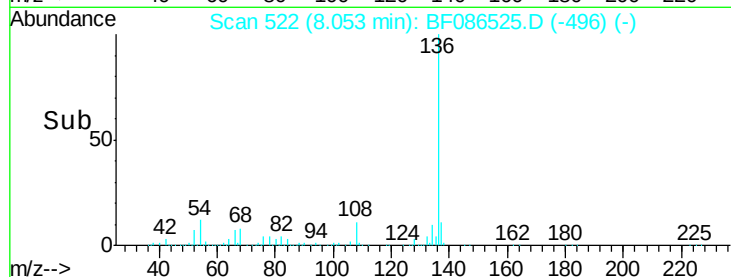
137 11.1 8.8 13.2

54 12.6 5.0 7.4#

68 7.6 4.4 6.6#

Manual Integrations
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#22

Acetophenone

Concen: 41.58 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:105 Resp: 576132

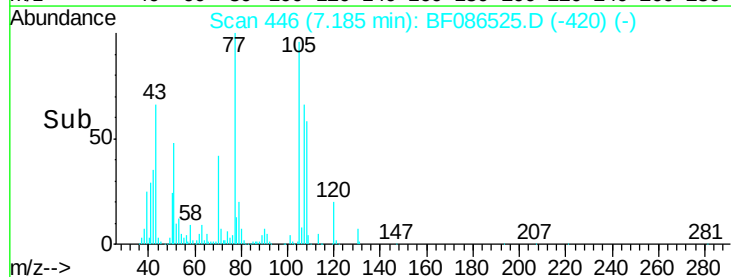
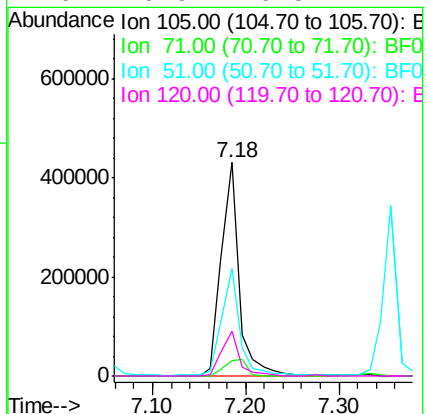
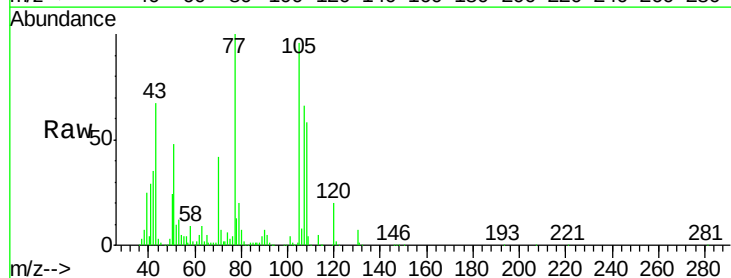
Ion Ratio Lower Upper

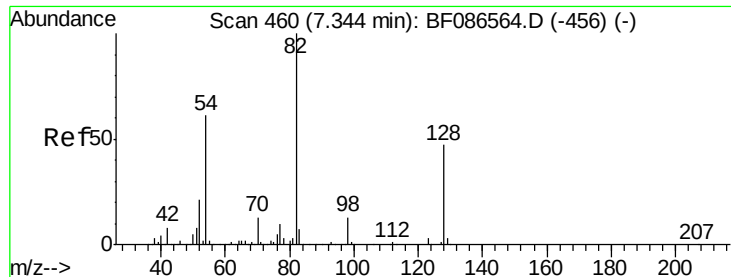
105 100

71 7.3 4.8 7.2#

51 50.2 32.6 49.0#

120 20.9 16.5 24.7





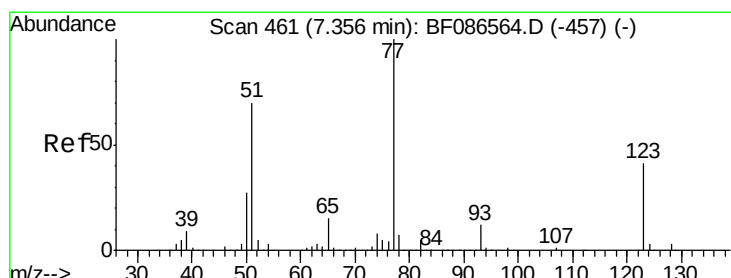
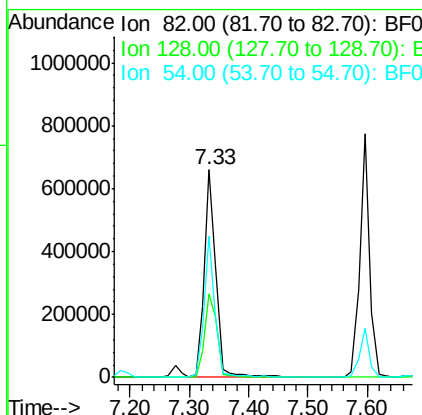
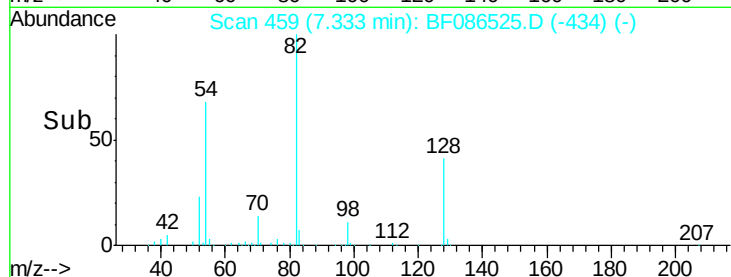
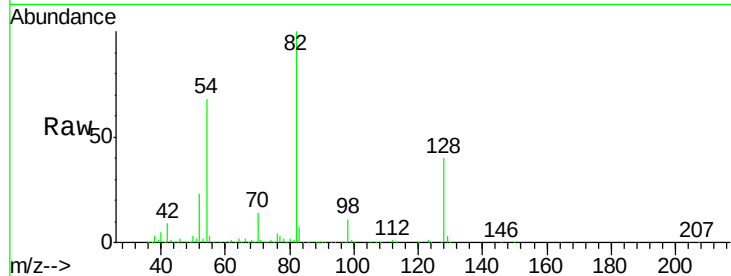
#23
 Nitrobenzene-d5
 Concen: 79.05 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	40.6	61.0#
54	68.1	38.1	57.1#

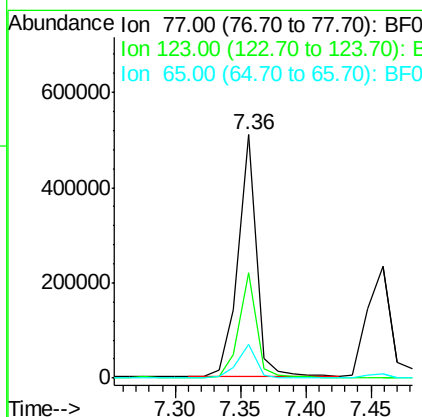
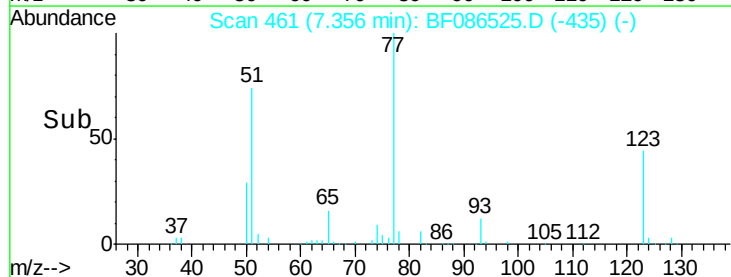
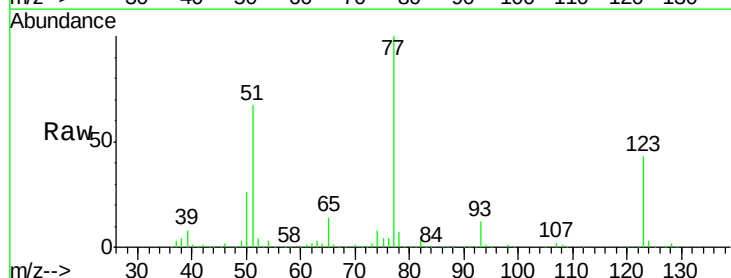
Manual Integrations
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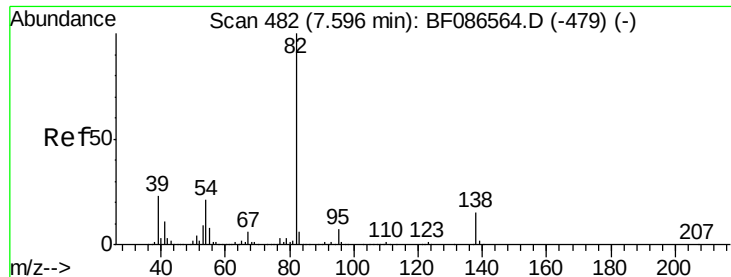
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#24
 Nitrobenzene
 Concen: 41.27 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	33.0	49.4
65	14.1	10.8	16.2





#25

Isophorone

Concen: 38.87 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

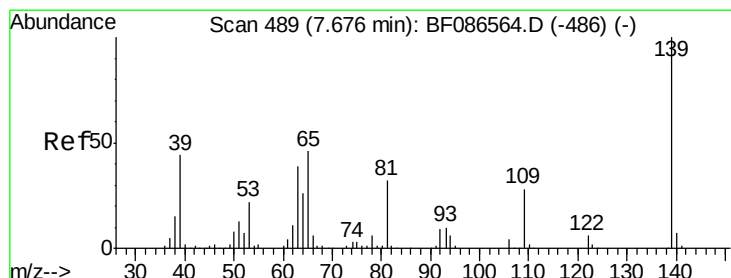
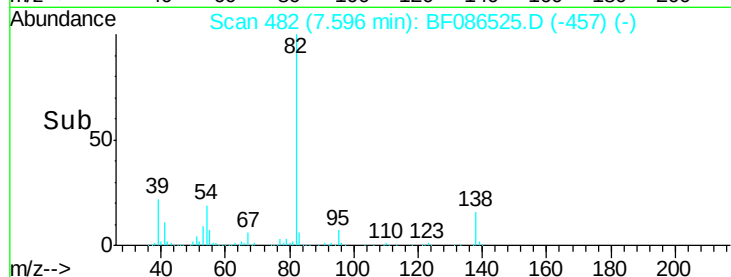
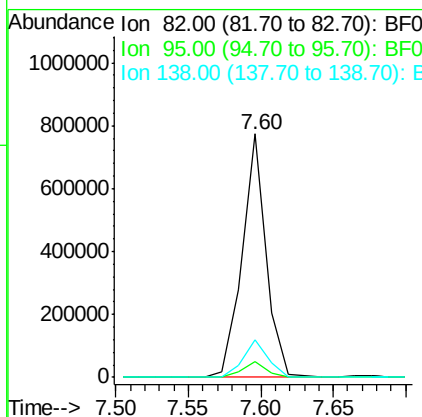
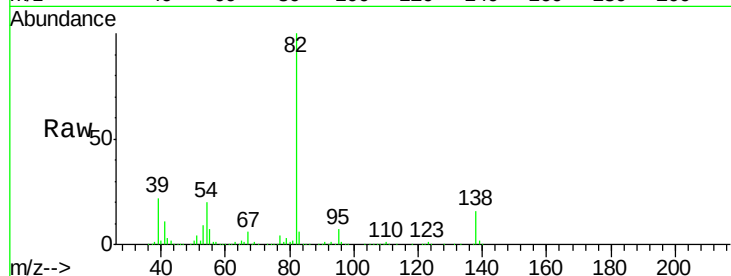
ClientSampleId :

PB90140BS

Tgt Ion:	82	Resp:	877067
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.1	7.7
138	15.7	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.93 ng

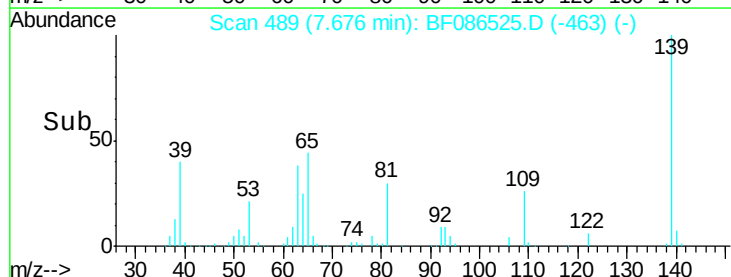
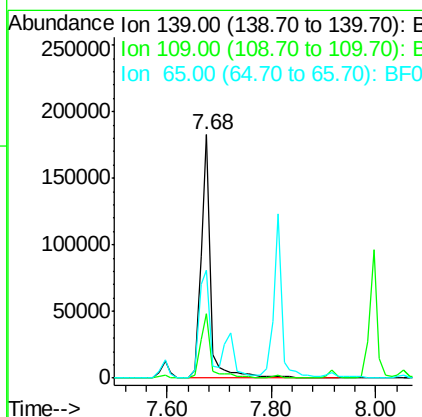
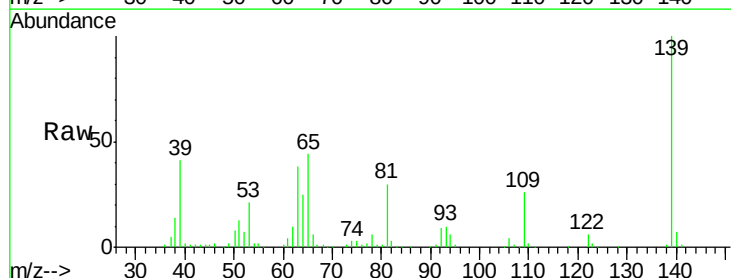
RT: 7.68 min Scan# 489

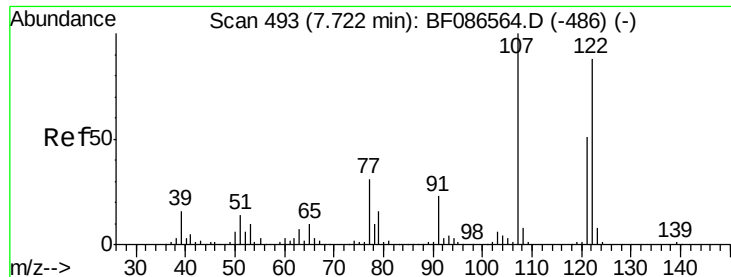
Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:	139	Resp:	232833
Ion Ratio	Lower	Upper	
139	100		
109	26.3	19.5	29.3
65	44.4	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 43.07 ng

RT: 7.72 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

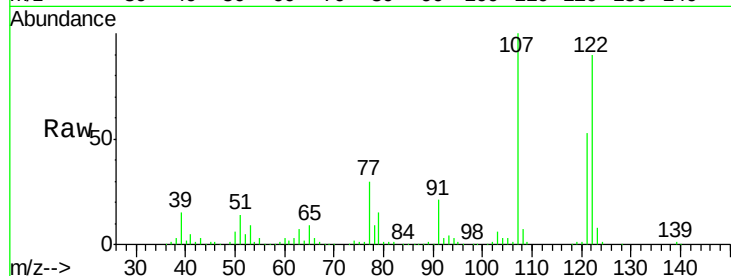
ClientSampled :

PB90140BS

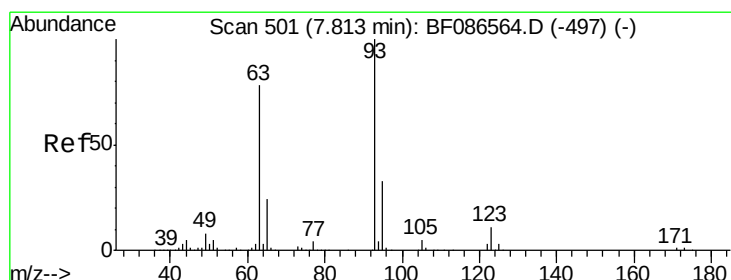
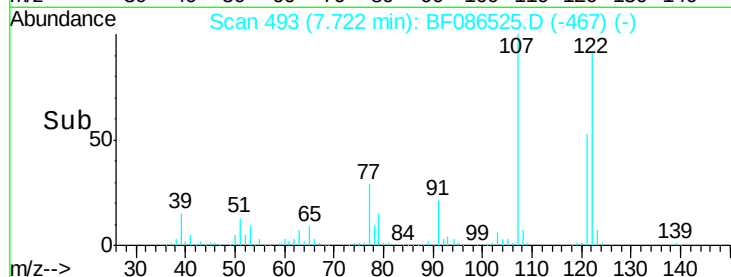
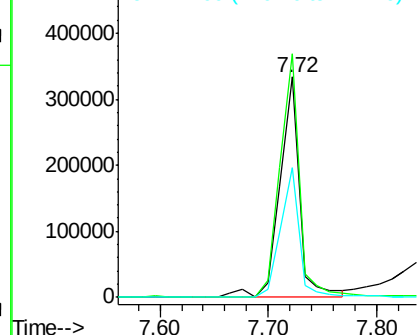
Tgt Ion:	122	Resp:	419654
Ion Ratio	Lower	Upper	
122	100		
107	110.6	82.0	123.0
121	58.7	46.1	69.1

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



#28

bis(2-Chloroethoxy)methane

Concen: 44.58 ng

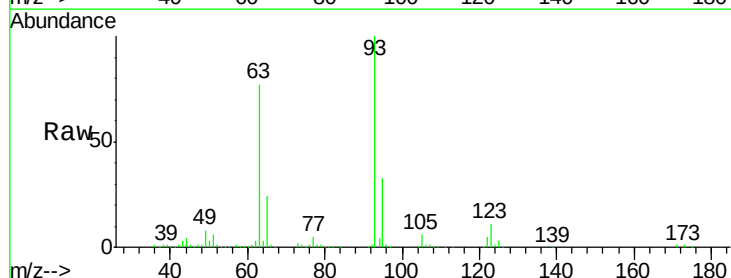
RT: 7.81 min Scan# 501

Delta R.T. 0.00 min

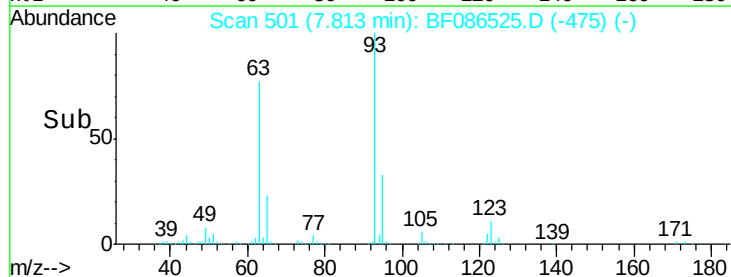
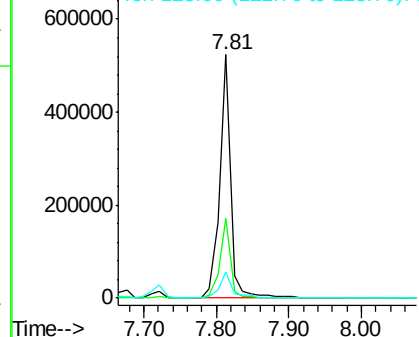
Lab File: BF086525.D

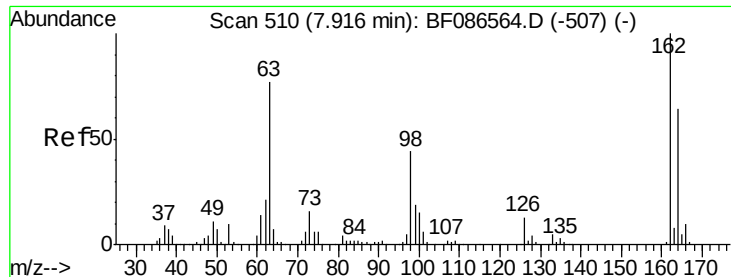
Acq: 30 Apr 2016 15:56

Tgt Ion:	93	Resp:	548010
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.0	39.0
123	10.7	9.5	14.3



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





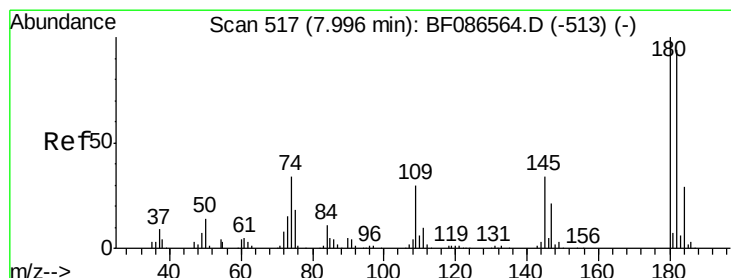
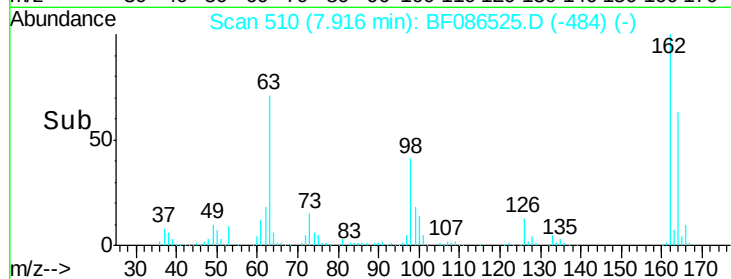
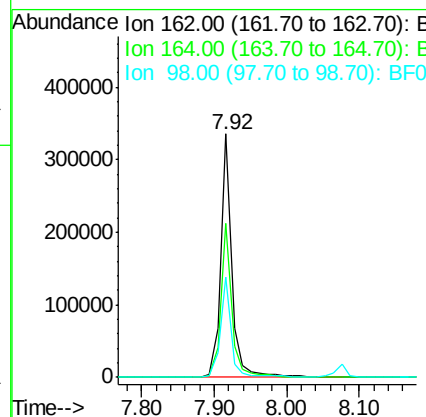
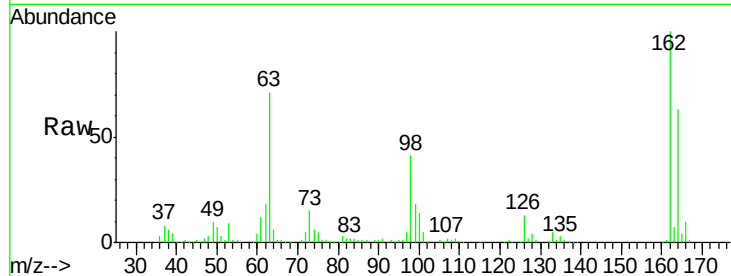
#29
 2,4-Dichlorophenol
 Concen: 43.78 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	359848		
164	63.2	42.2	82.2	
98	41.3	19.0	59.0	

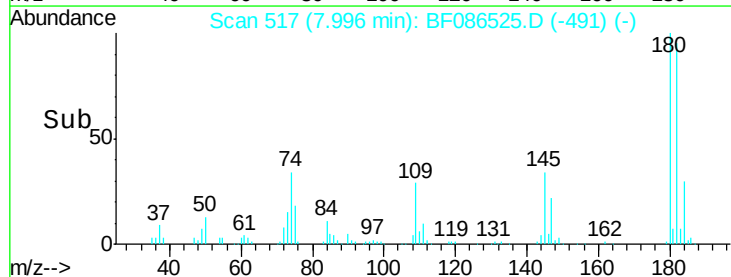
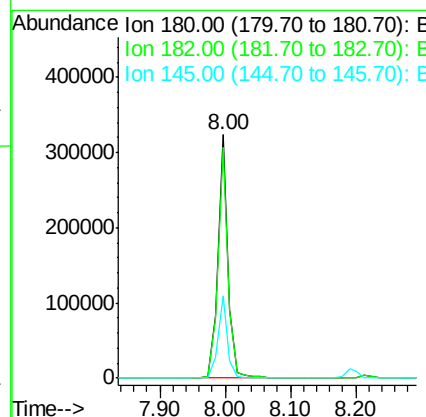
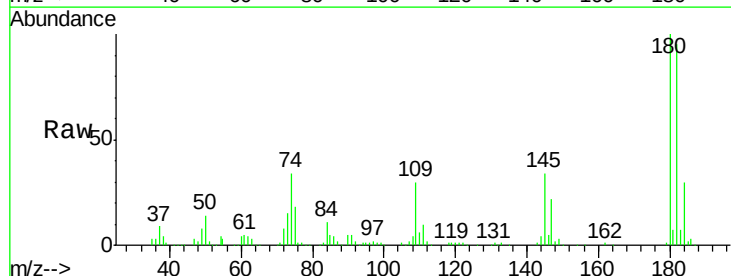
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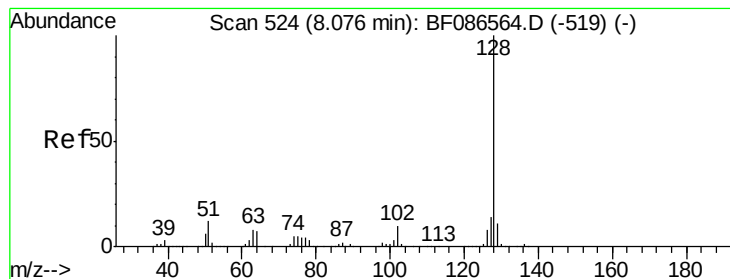
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.46 ng
 RT: 8.00 min Scan# 517
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	357245		
182	94.6	78.0	117.0	
145	33.8	24.2	36.2	





#31

Naphthalene

Concen: 38.45 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

PB90140BS

Tgt Ion:128 Resp: 1236197

Ion Ratio Lower Upper

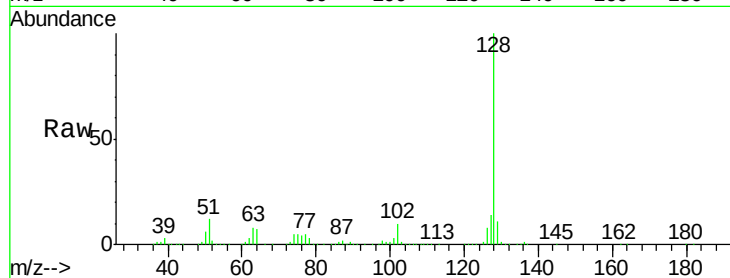
128 100

129 11.4 8.6 13.0

127 13.6 10.8 16.2

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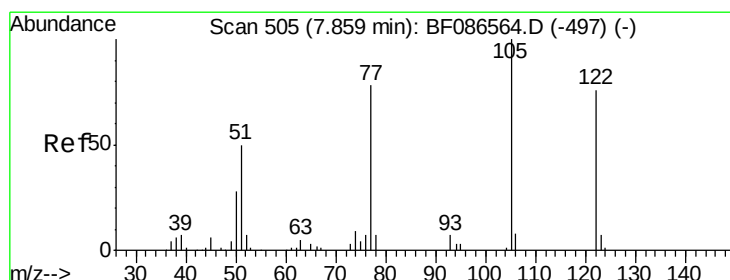
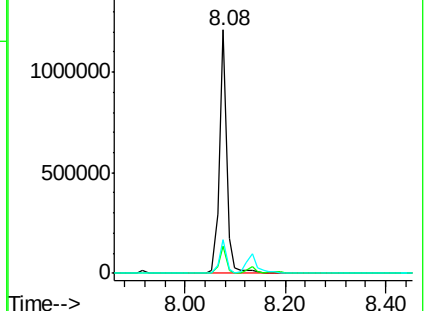
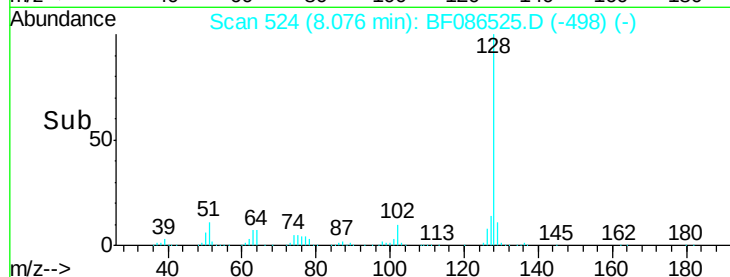
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.46 ng

RT: 7.85 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

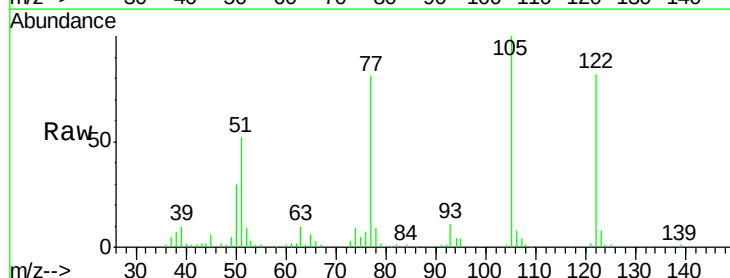
Tgt Ion:122 Resp: 185414

Ion Ratio Lower Upper

122 100

105 122.3 92.6 132.6

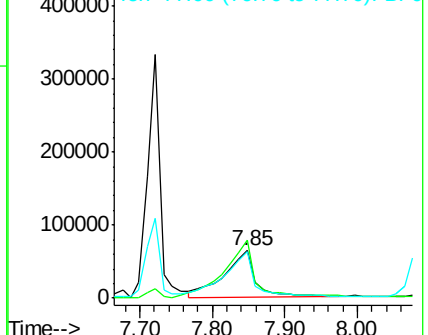
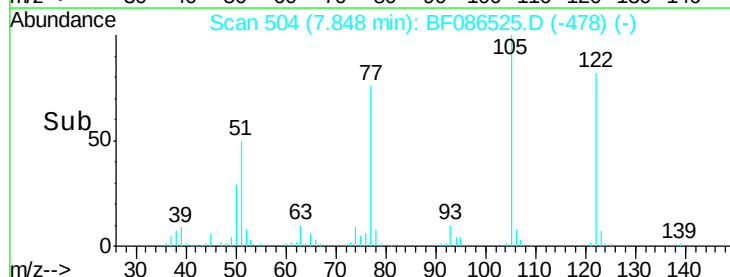
77 98.8 60.0 100.0

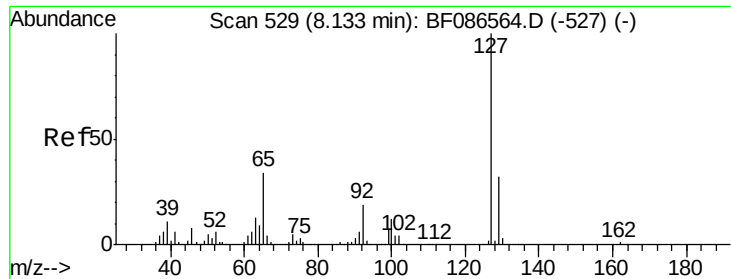


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





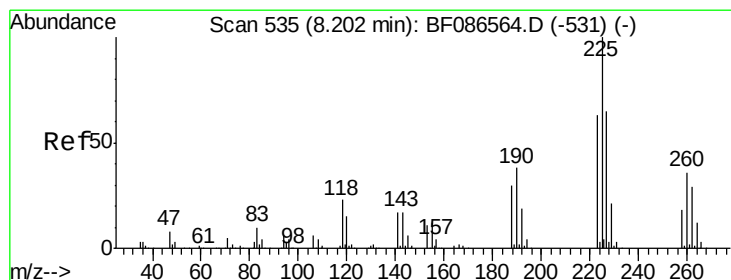
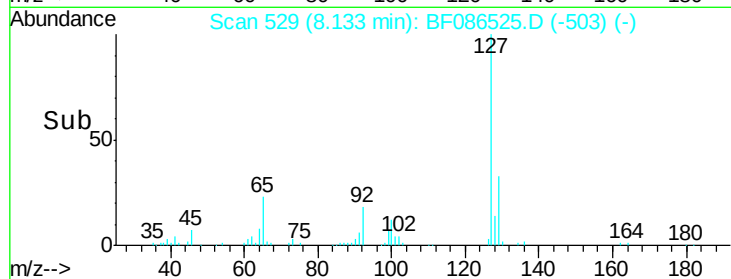
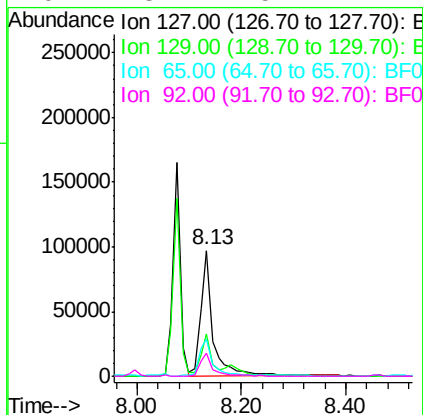
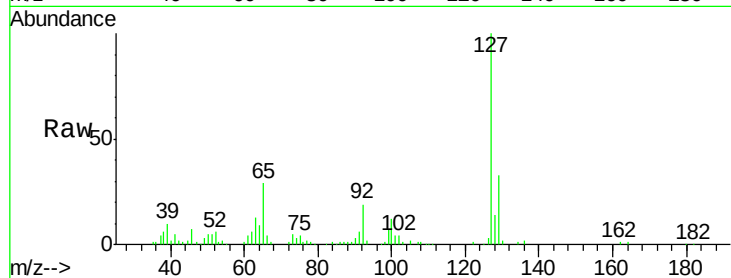
#33
4-Chloroaniline
Concen: 13.25 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
PB90140BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	159584		
129	33.2	26.2	39.4	
65	29.2	23.0	34.4	
92	18.7	15.1	22.7	

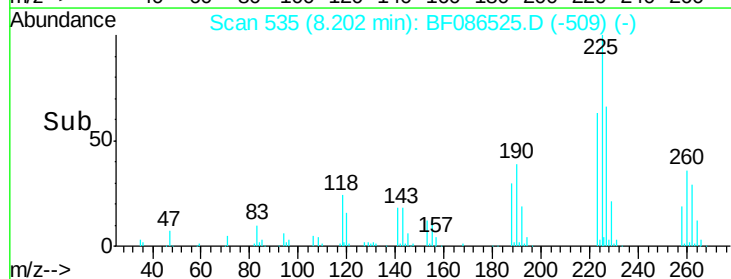
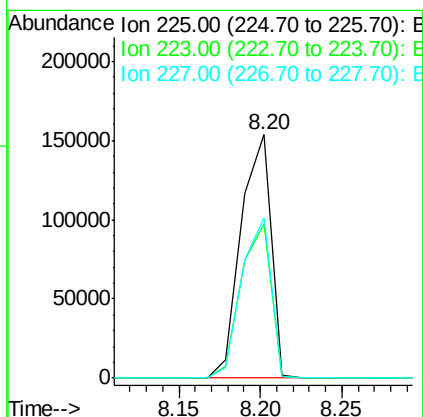
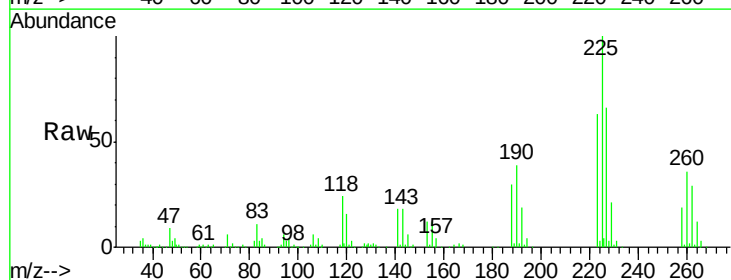
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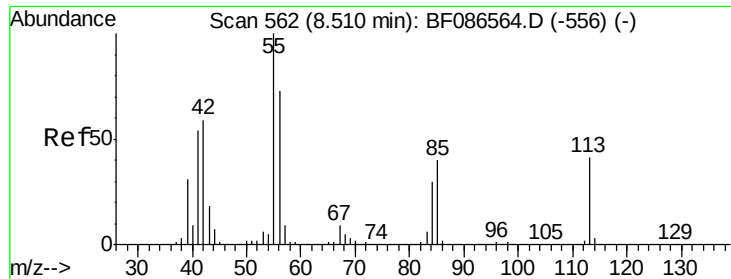
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#34
Hexachlorobutadiene
Concen: 36.37 ng
RT: 8.20 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	194406		
223	63.3	51.5	77.3	
227	66.0	52.2	78.2	





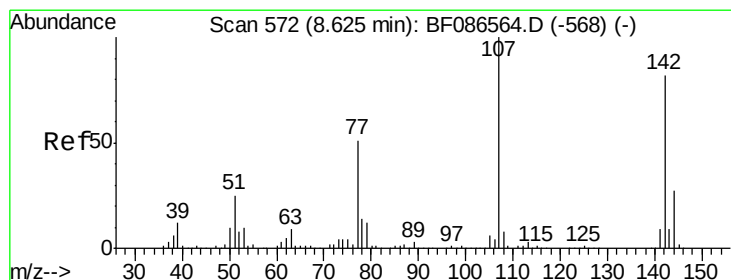
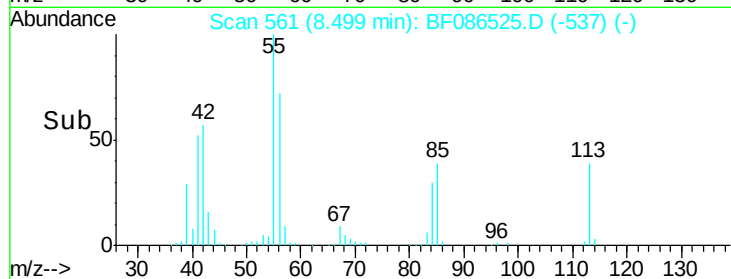
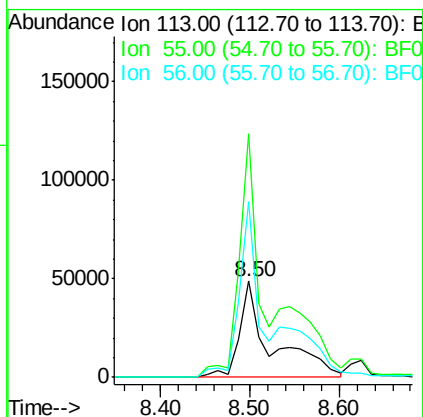
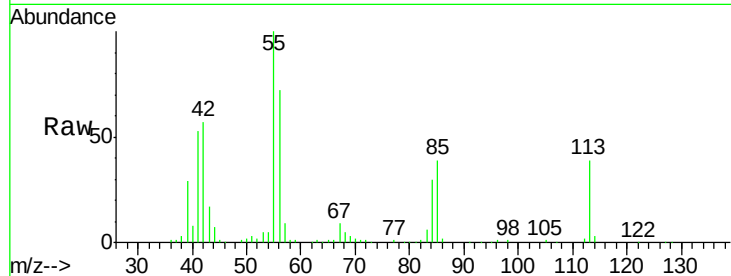
#35
 Caprolactam
 Concen: 44.11 ng m
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BS

Tgt Ion:113 Resp: 120969
 Ion Ratio Lower Upper
 113 100
 55 254.2 162.0 202.0#
 56 183.1 115.3 155.3#

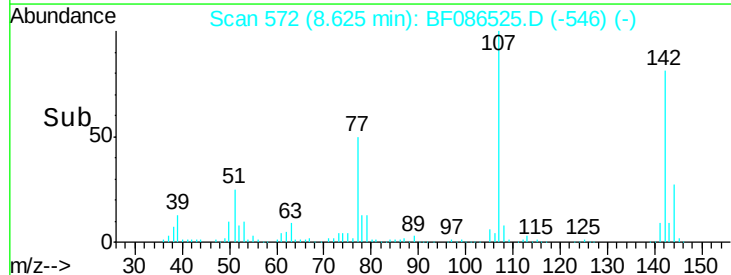
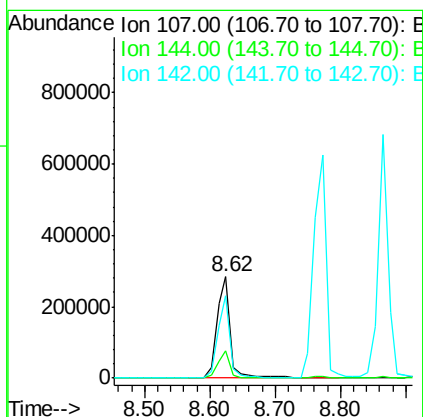
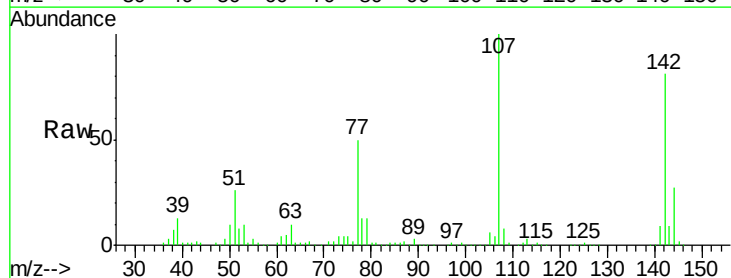
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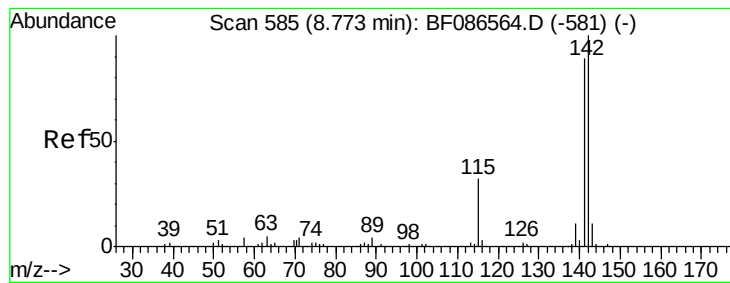
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#36
 4-Chloro-3-methylphenol
 Concen: 44.36 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion:107 Resp: 417452
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.7 31.1
 142 80.8 63.2 94.8





#37

2-Methylnaphthalene

Concen: 43.17 ng

RT: 8.77 min Scan# 585

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

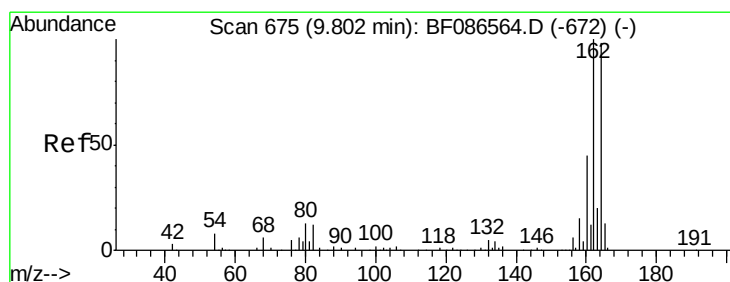
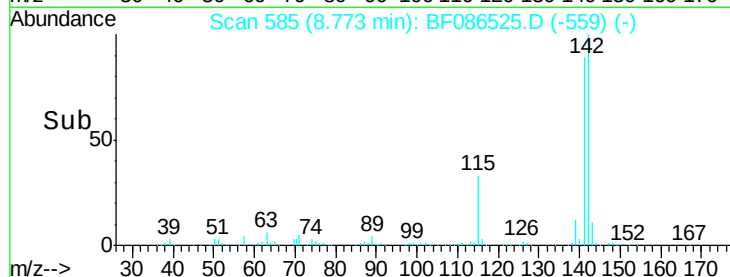
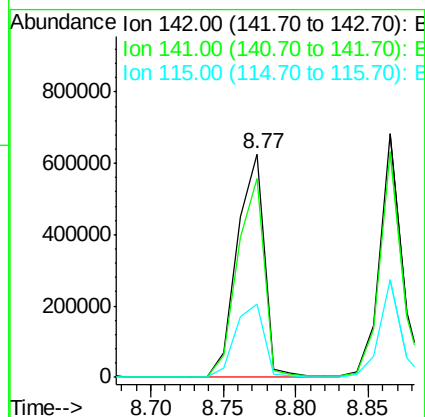
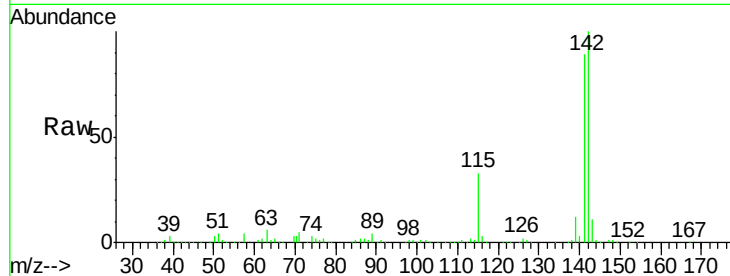
ClientSampleId :

PB90140BS

Tgt Ion:	142	Resp:	819138
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.0	106.6
115	32.7	26.6	39.8

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#38

Acenaphthene-d10

Concen: 20.00 ng

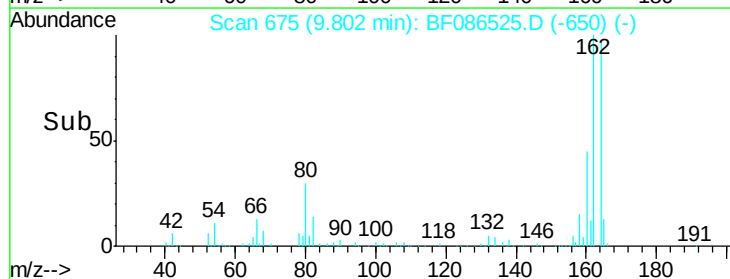
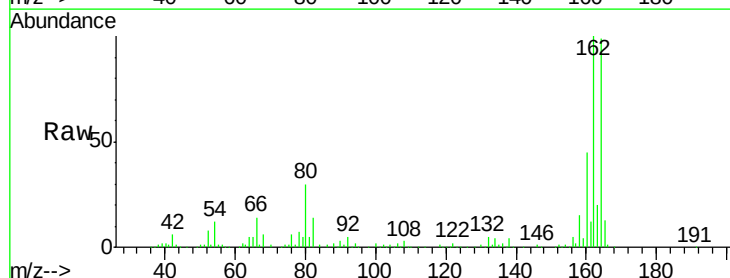
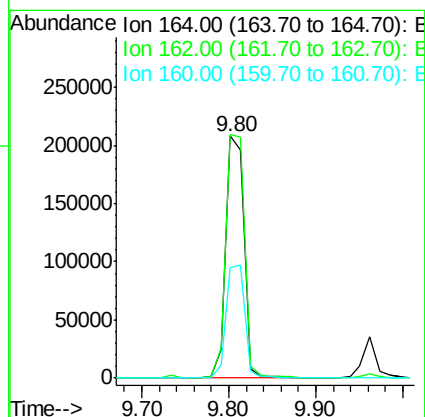
RT: 9.80 min Scan# 675

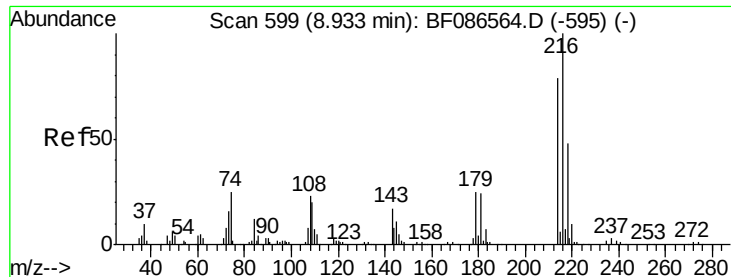
Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:	164	Resp:	305154
Ion Ratio	Lower	Upper	
164	100		
162	100.7	82.8	124.2
160	45.5	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.24 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF086525.D

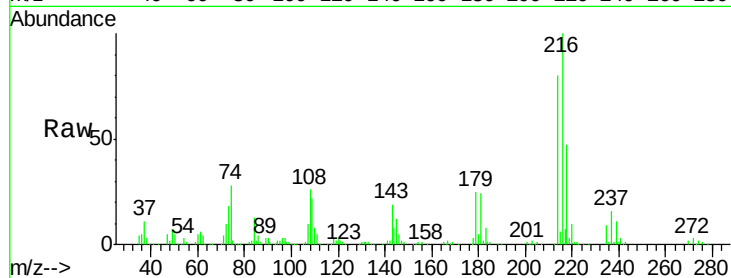
Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

PB90140BS



Tgt Ion:216 Resp: 307806

Ion Ratio Lower Upper

216 100

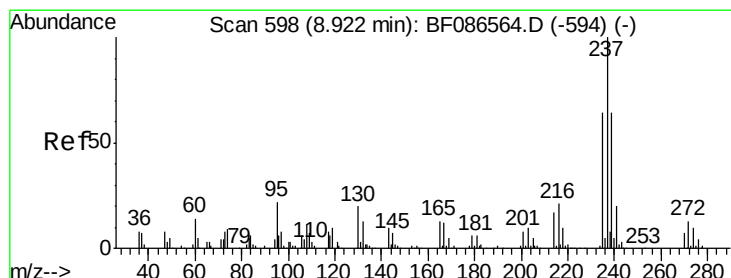
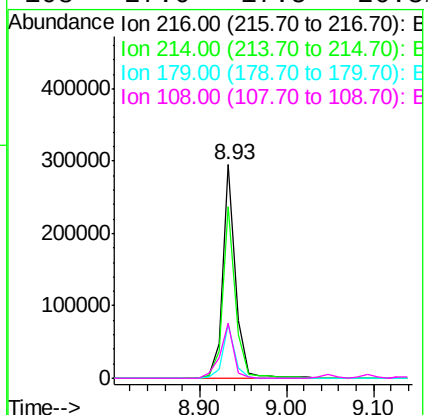
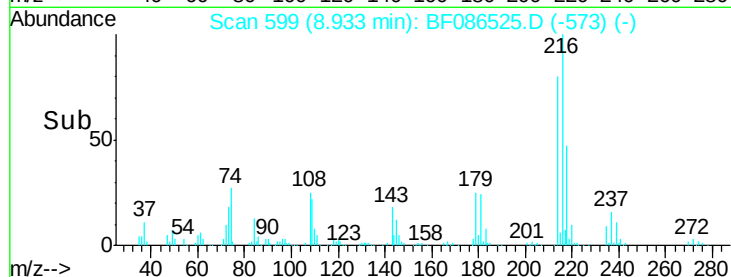
214 79.3 62.6 93.8

179 23.7 18.2 27.4

108 27.0 17.5 26.3#

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#40

Hexachlorocyclopentadiene

Concen: 72.90 ng

RT: 8.92 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

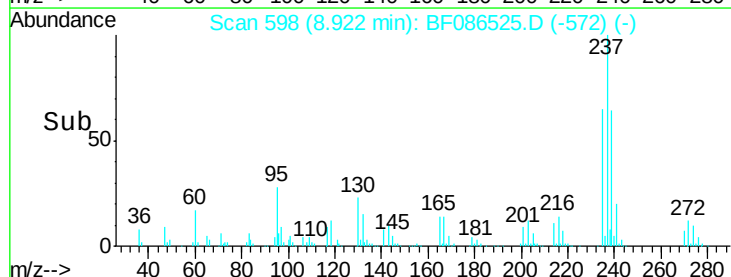
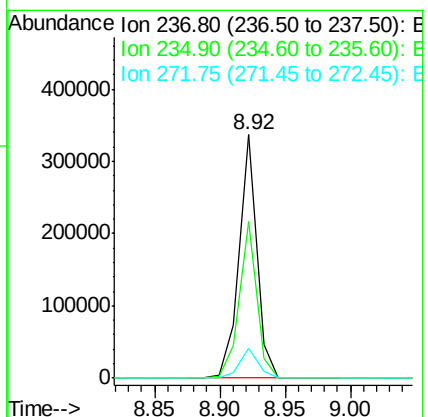
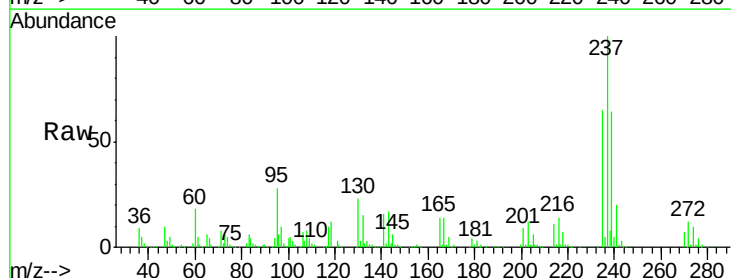
Tgt Ion:237 Resp: 316431

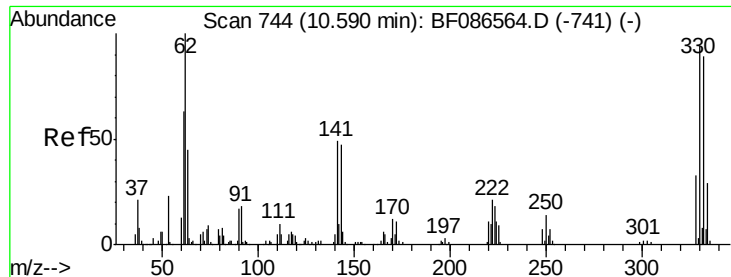
Ion Ratio Lower Upper

237 100

235 64.5 47.2 87.2

272 12.5 0.0 31.1





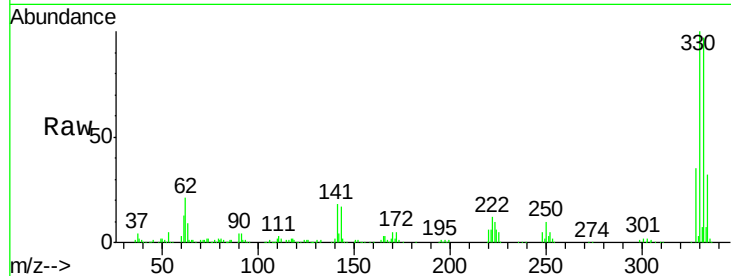
#41
 2,4,6-Tribromophenol
 Concen: 130.43 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleID :
 PB90140BS

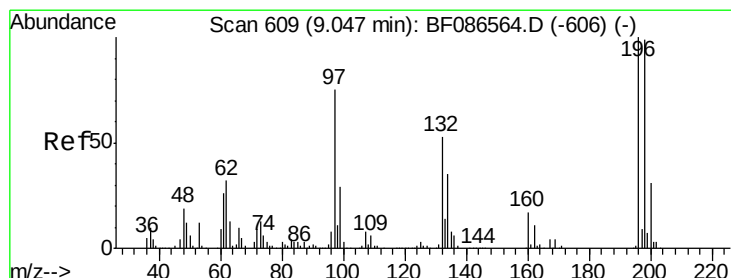
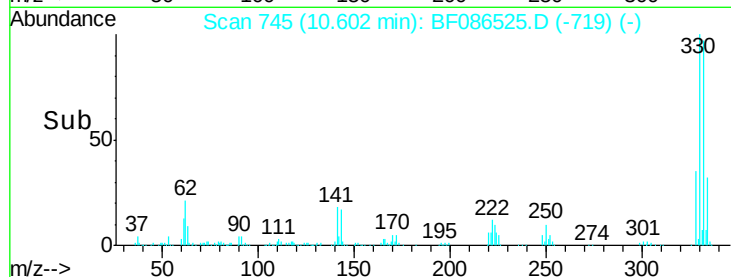
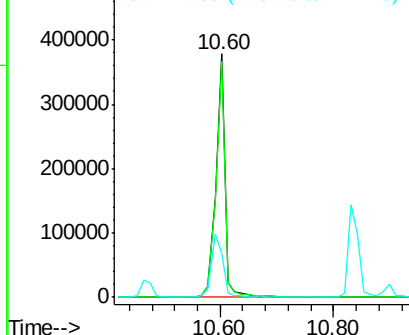
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	419744		
332	97.3	79.0	118.4	
141	31.0	31.2	46.8	

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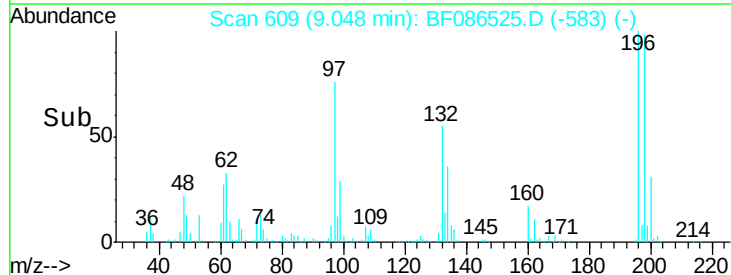
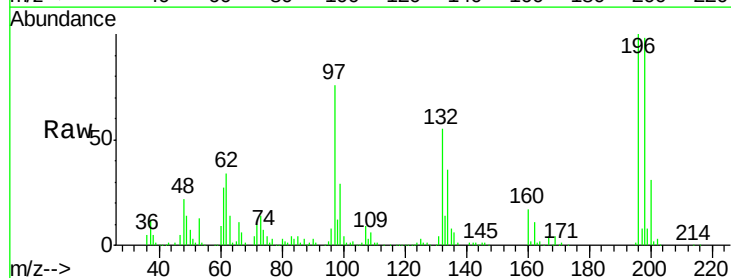
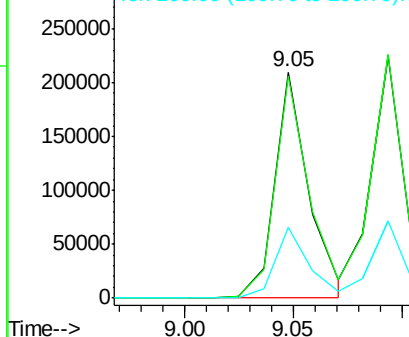
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

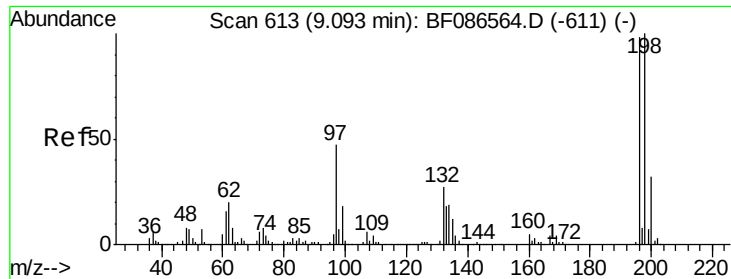


#42
 2,4,6-Trichlorophenol
 Concen: 41.45 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228885		
198	98.2	74.7	112.1	
200	31.2	23.8	35.6	

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





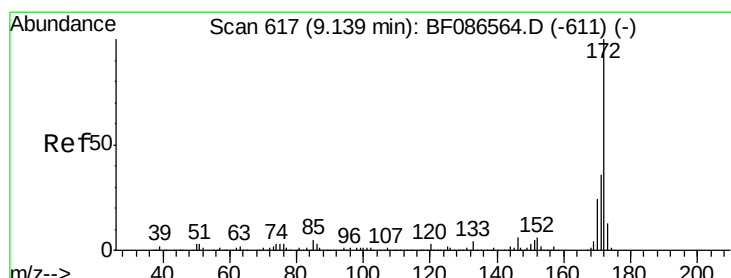
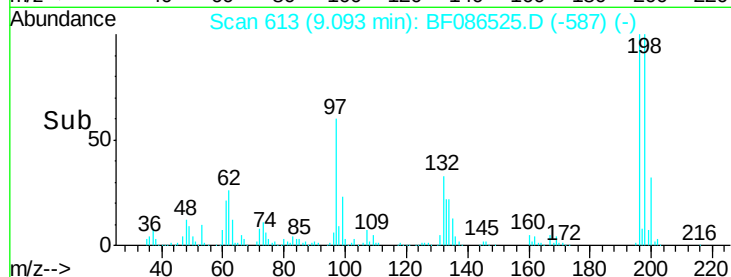
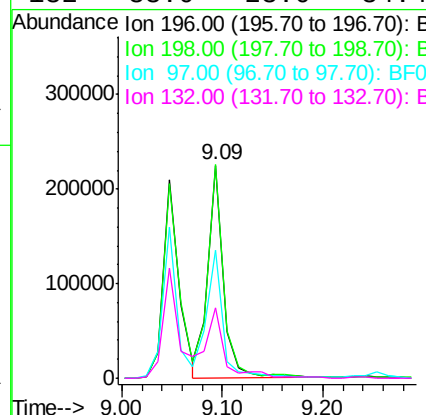
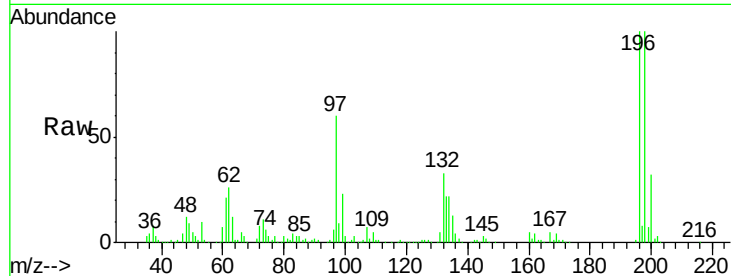
#43
 2,4,5-Trichlorophenol
 Concen: 40.58 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BS

Tgt Ion:	196	Resp:	244189
Ion Ratio	Lower	Upper	
196	100		
198	100.4	77.5	116.3
97	60.4	34.8	52.2#
132	33.0	23.0	34.4

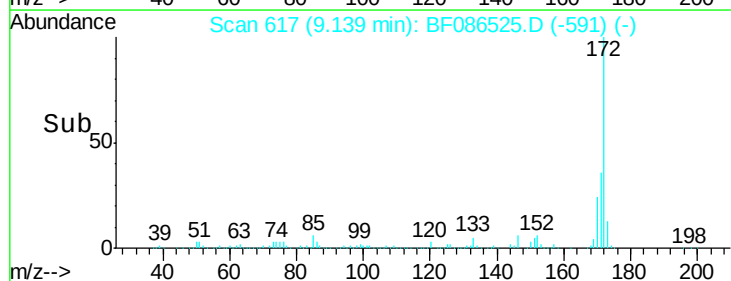
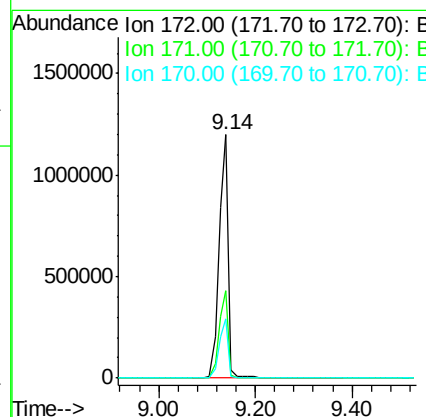
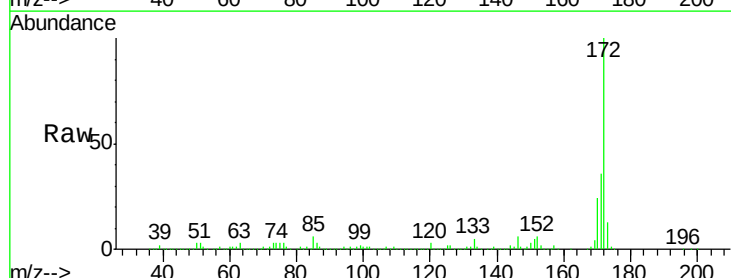
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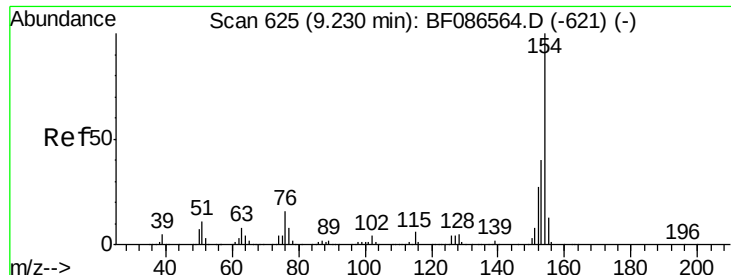
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#44
 2-Fluorobiphenyl
 Concen: 94.36 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion:	172	Resp:	1607558
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.0	43.6
170	24.4	19.8	29.8





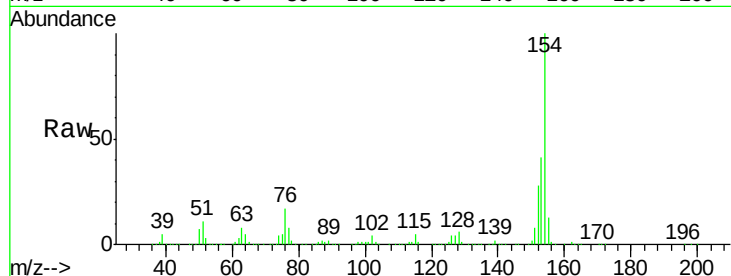
#45
 1,1'-Biphenyl
 Concen: 37.52 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampled :
 PB90140BS

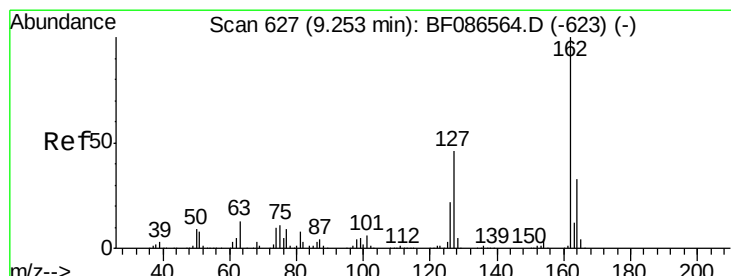
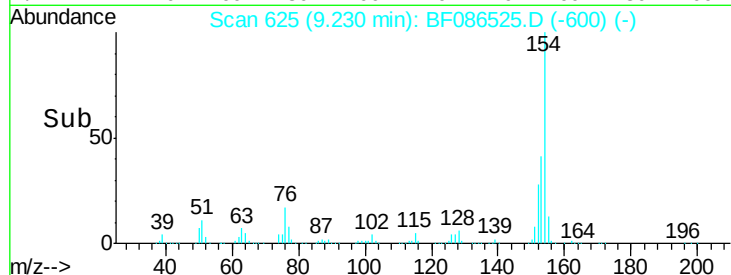
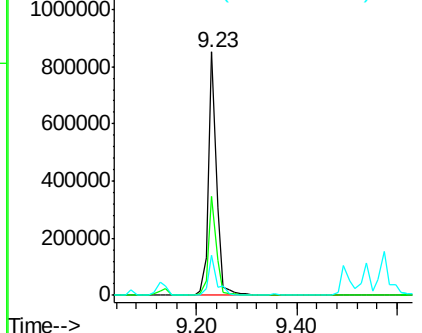
Tgt Ion:	154	Resp:	957080
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.3	60.3
76	16.6	0.0	30.2

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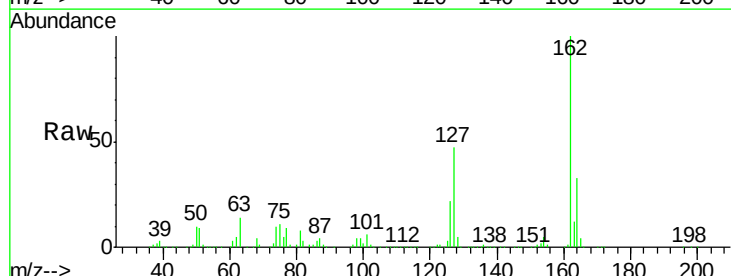


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

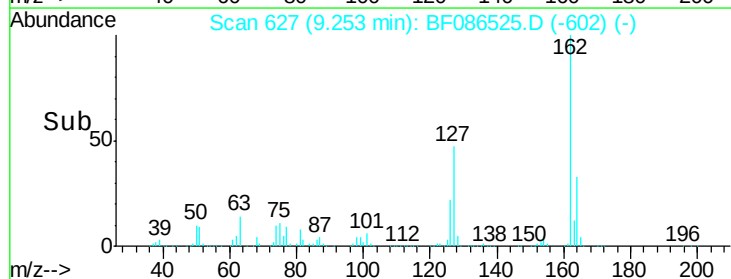
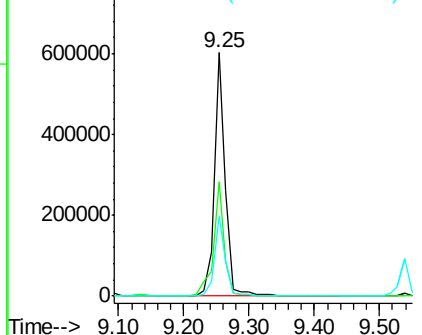


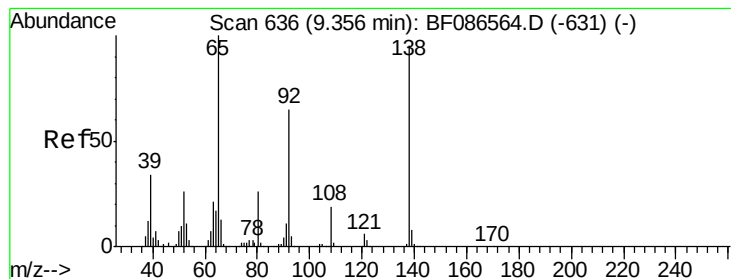
#46
 2-Chloronaphthalene
 Concen: 37.01 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion:	162	Resp:	717820
Ion Ratio	Lower	Upper	
162	100		
127	47.1	31.8	47.6
164	32.6	27.0	40.6



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





#47

2-Nitroaniline

Concen: 49.01 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

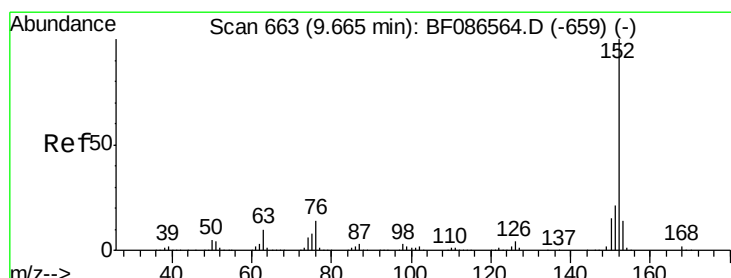
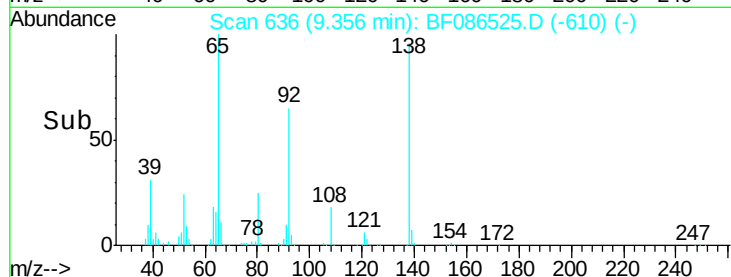
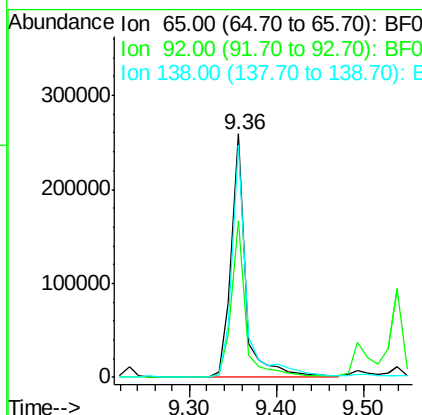
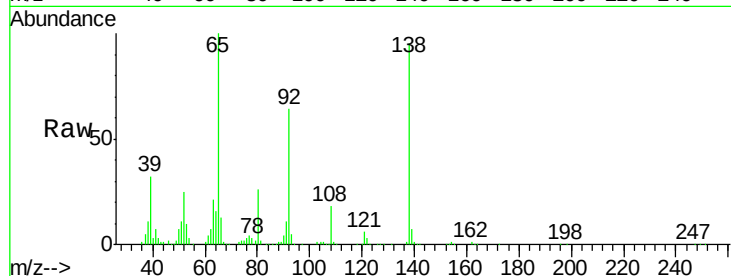
ClientSampleId :

PB90140BS

Tgt Ion:	65	Resp:	304792
Ion Ratio	Lower	Upper	
65	100		
92	64.2	57.4	86.2
138	95.3	90.1	135.1

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#48

Acenaphthylene

Concen: 38.35 ng

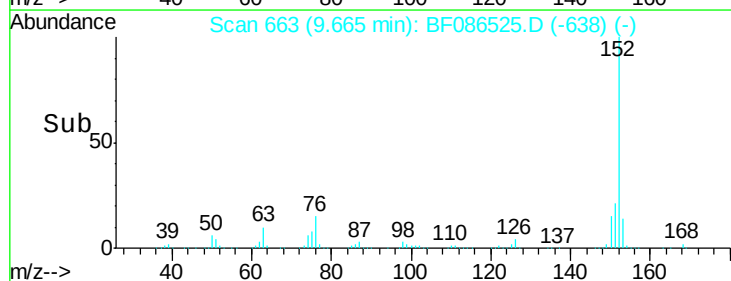
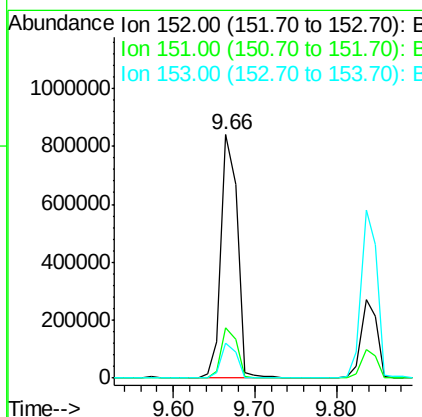
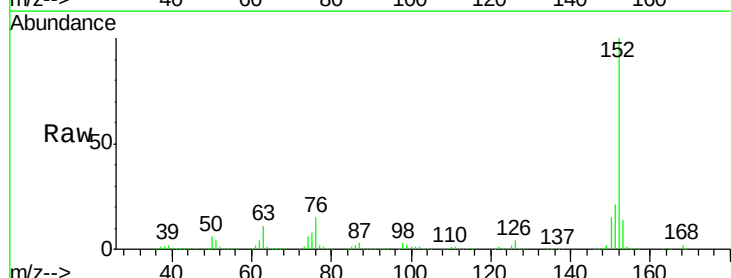
RT: 9.66 min Scan# 663

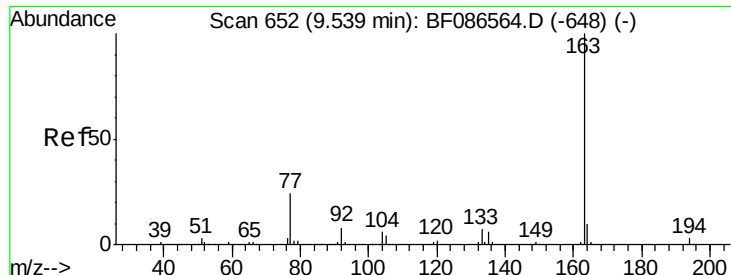
Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:	152	Resp:	1162672
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.8	25.2
153	14.4	10.9	16.3





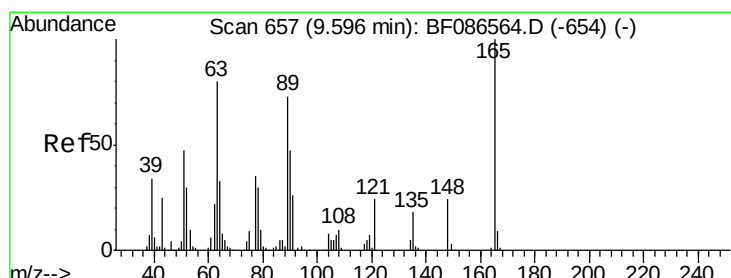
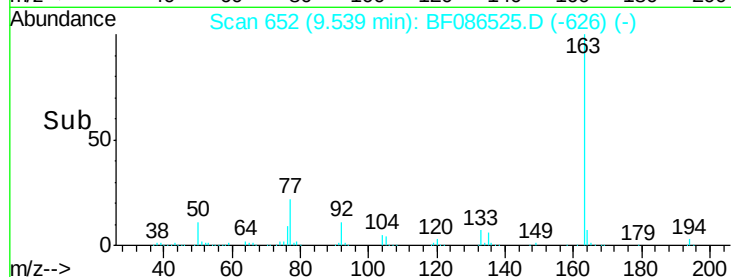
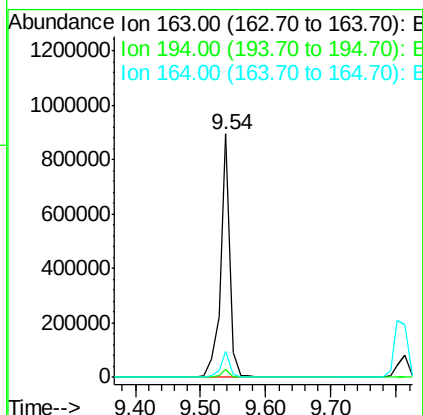
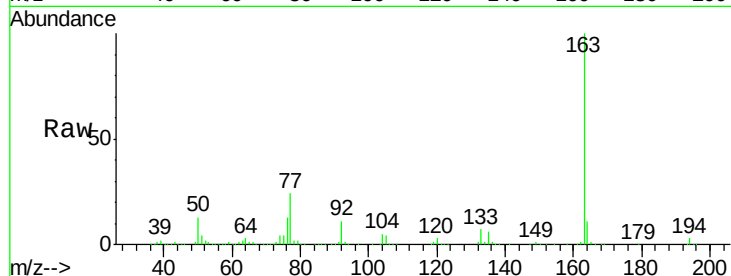
#49
Dimethylphthalate
Concen: 39.01 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
PB90140BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.2	2.6	4.0
164	10.5	8.2	12.4

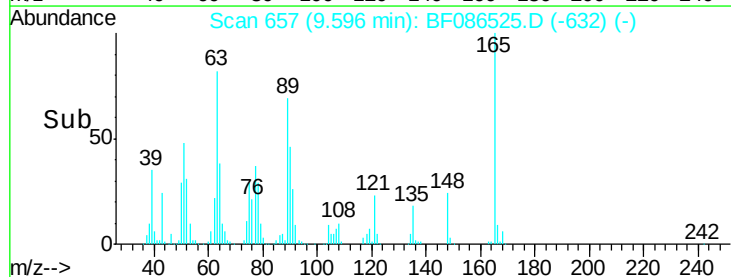
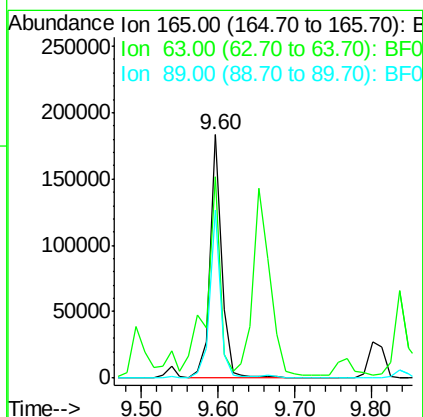
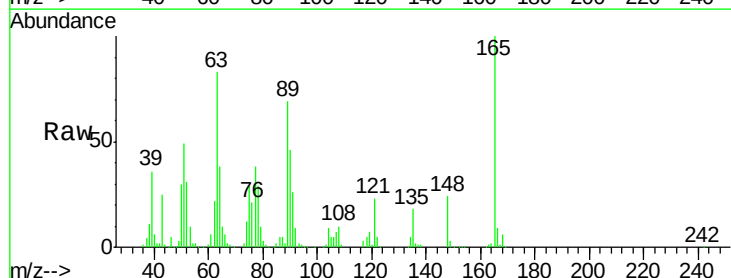
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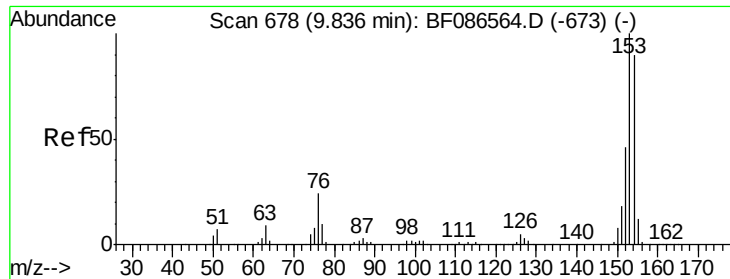
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#50
2,6-Dinitrotoluene
Concen: 40.66 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	82.9	51.8	77.8#
89	69.1	50.7	76.1





#51

Acenaphthene

Concen: 42.71 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

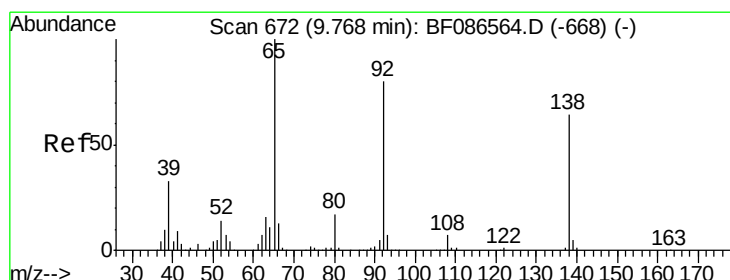
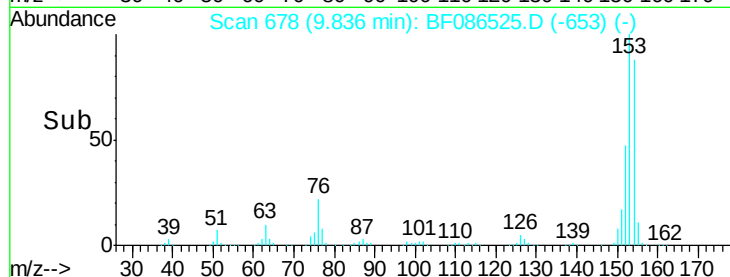
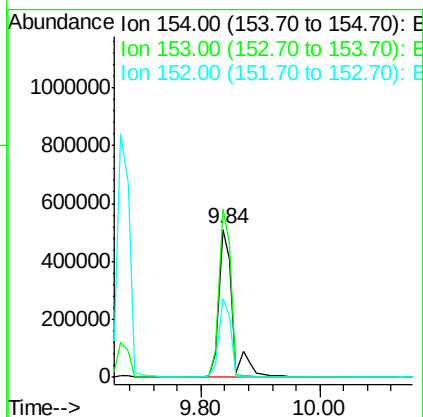
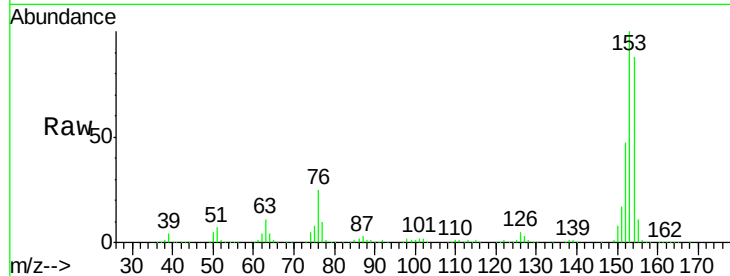
ClientSampleId :

PB90140BS

Tgt Ion:	154	Resp:	831659
Ion Ratio	Lower	Upper	
154	100		
153	113.4	89.8	134.6
152	53.1	43.4	65.0

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#52

3-Nitroaniline

Concen: 20.58 ng

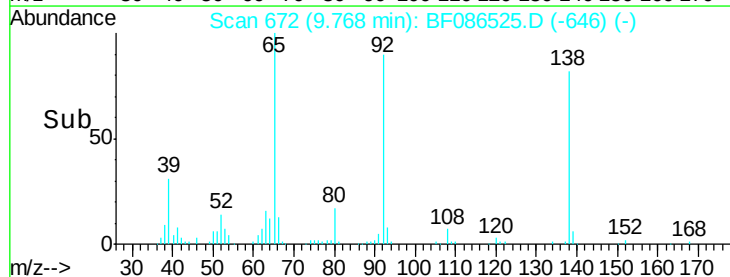
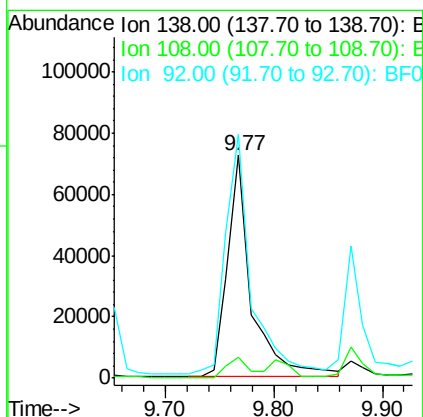
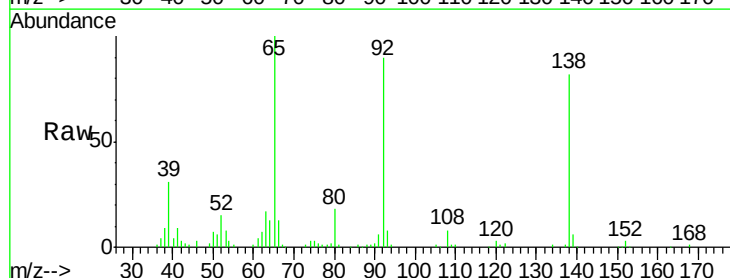
RT: 9.77 min Scan# 672

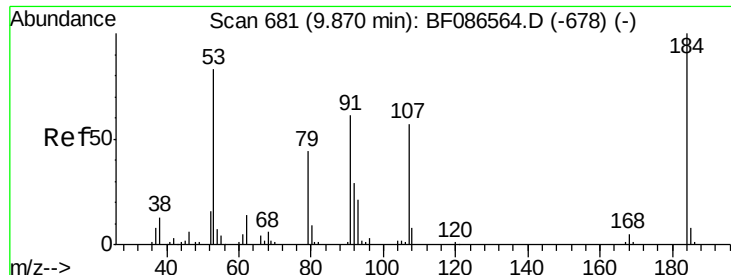
Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:	138	Resp:	111067
Ion Ratio	Lower	Upper	
138	100		
108	9.5	7.8	11.6
92	109.3	87.8	131.8





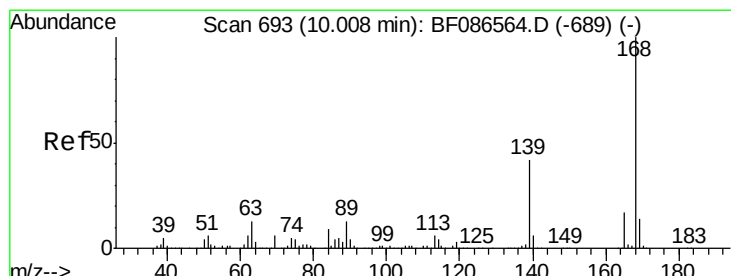
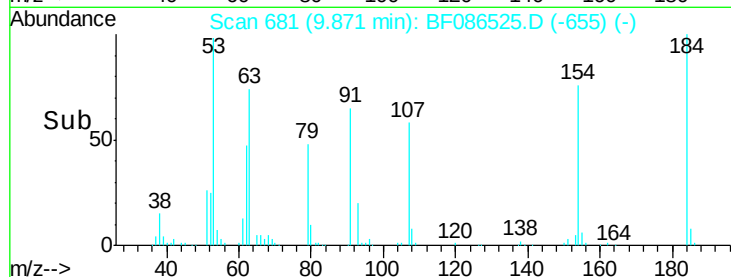
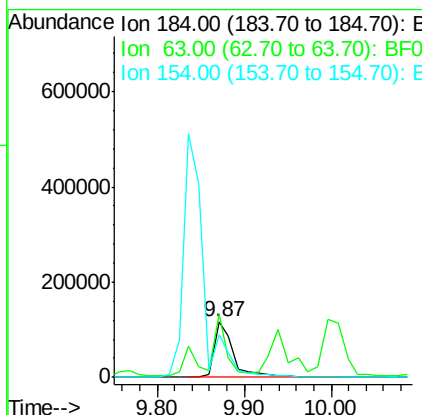
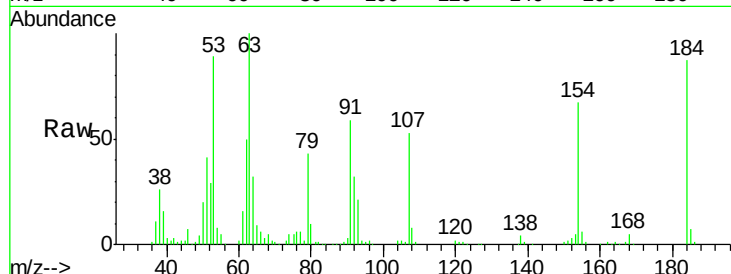
#53
2,4-Dinitrophenol
Concen: 71.28 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
PB90140BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	182508		
63	114.5	55.8	83.8#	
154	76.6	62.4	93.6	

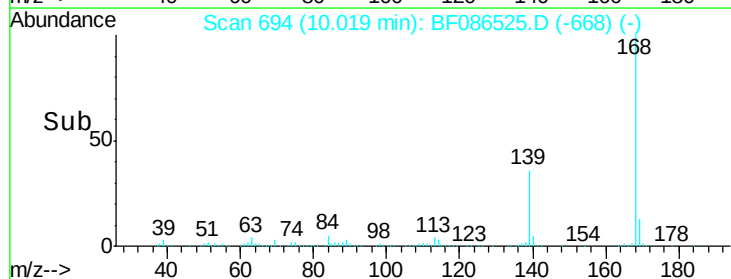
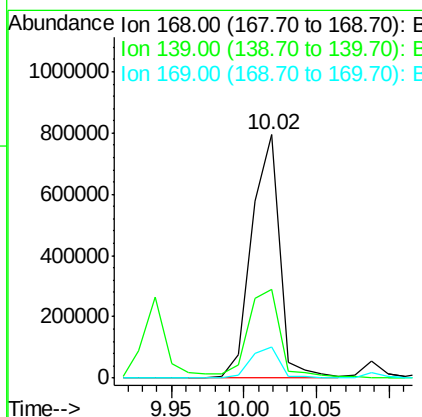
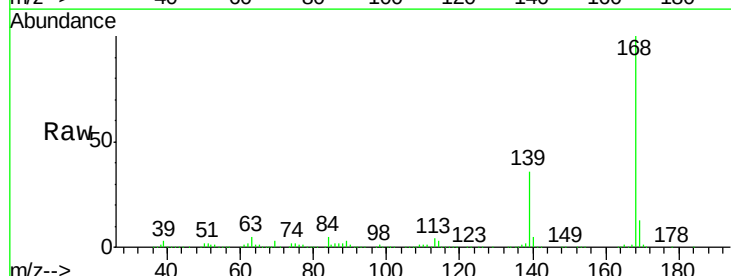
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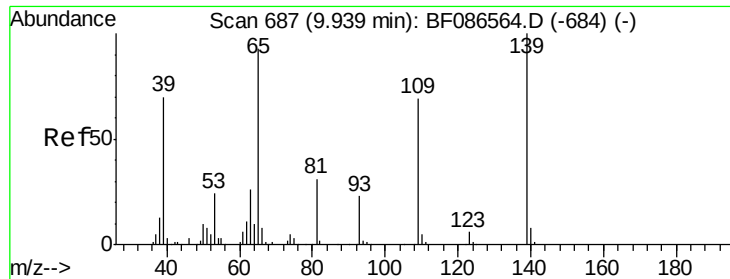
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#54
Dibenzofuran
Concen: 43.70 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1063436		
139	36.2	31.4	47.0	
169	12.9	10.7	16.1	





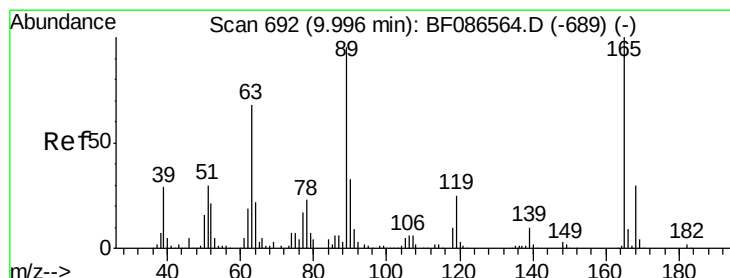
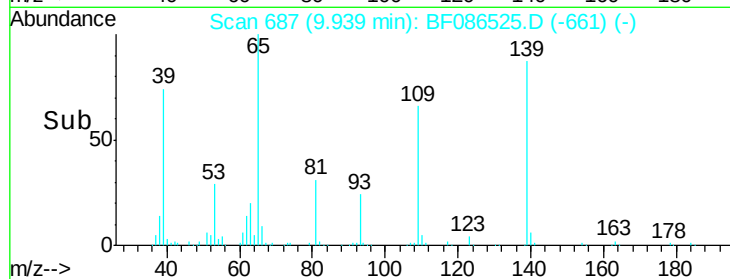
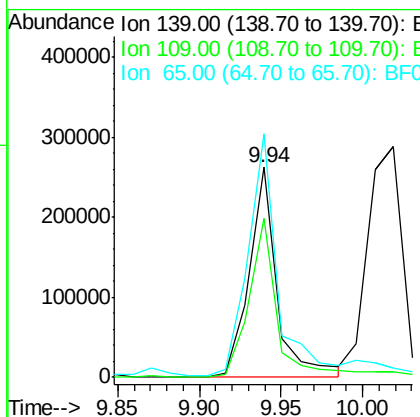
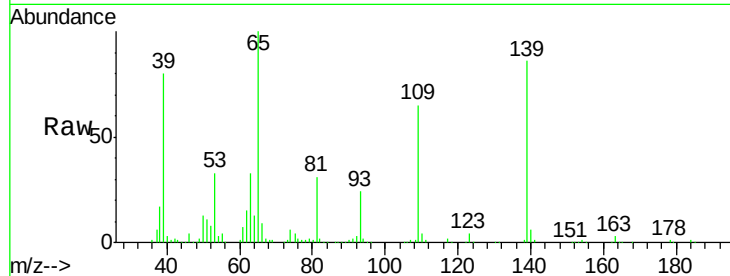
#55
4-Nitrophenol
Concen: 88.04 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
PB90140BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	311146		
109	75.6	36.9	76.9	
65	115.9	64.0	104.0	

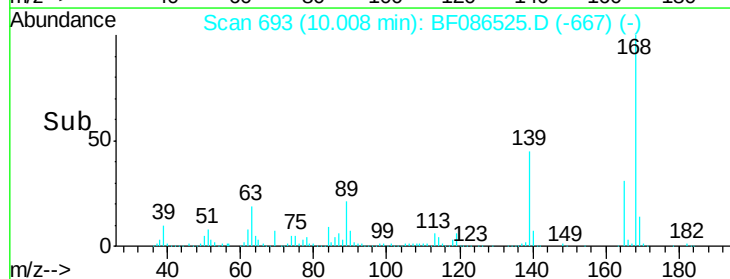
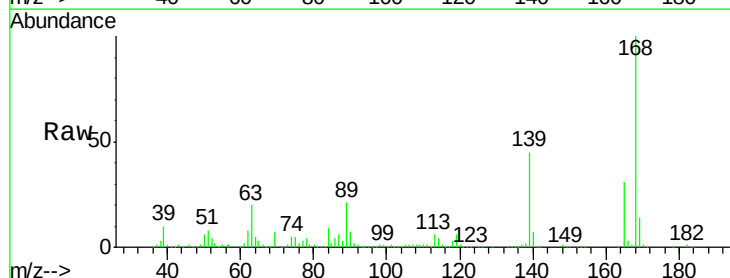
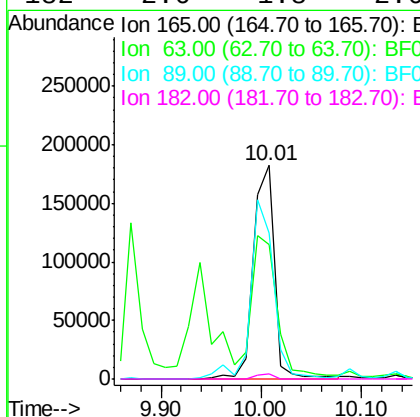
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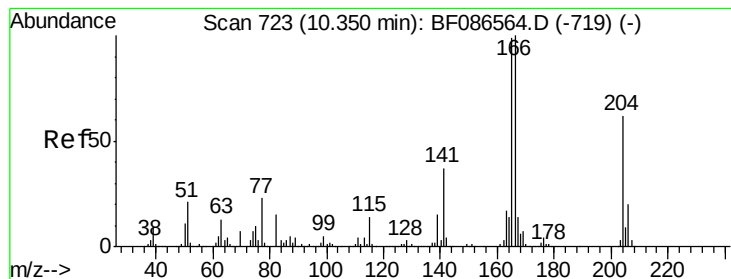
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#56
2,4-Dinitrotoluene
Concen: 43.90 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	265587		
63	63.1	44.3	66.5	
89	68.2	70.0	105.0	
182	2.6	1.8	2.6	





#57

Fluorene

Concen: 35.99 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086525.D

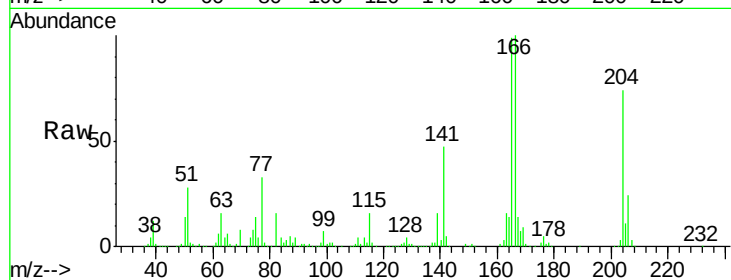
Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

PB90140BS



Tgt Ion:166 Resp: 760545

Ion Ratio Lower Upper

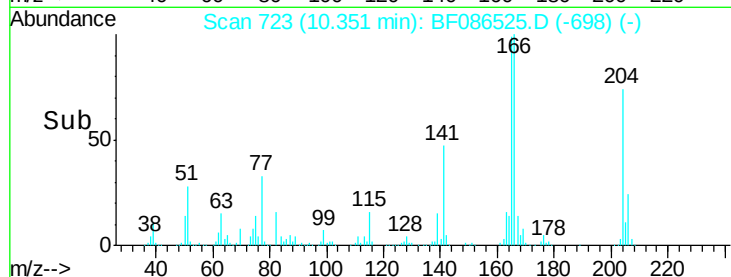
166 100

165 98.9 79.0 118.6

167 14.0 10.6 15.8

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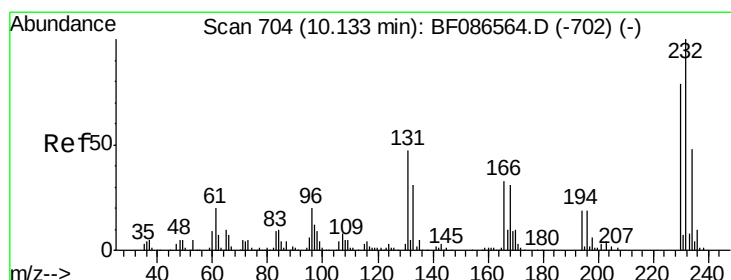
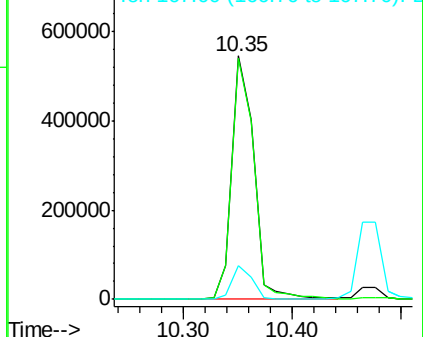
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.89 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:232 Resp: 215933

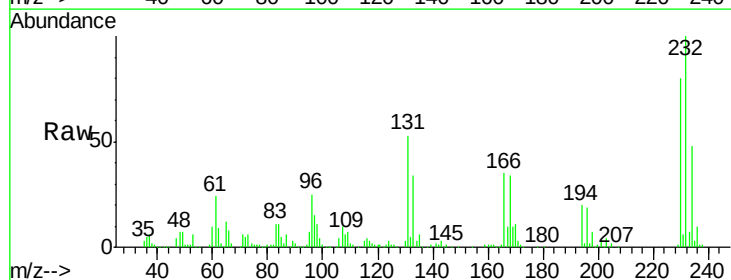
Ion Ratio Lower Upper

232 100

131 52.5 41.9 62.9

130 2.6 2.2 3.4

166 32.2 26.8 40.2

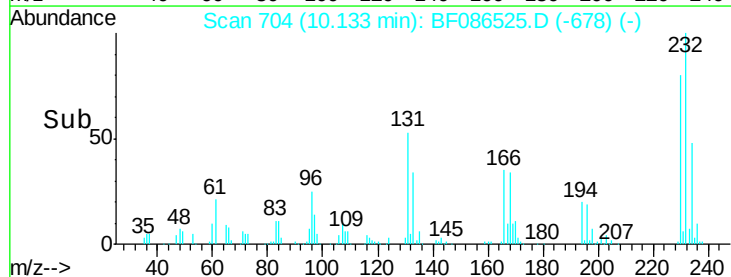
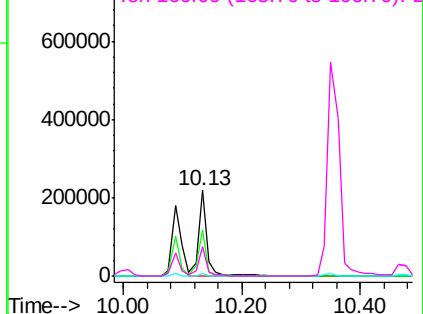


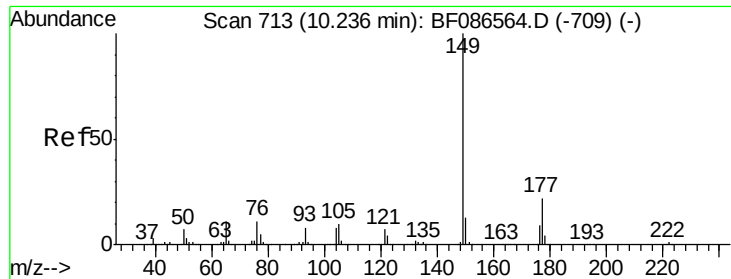
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





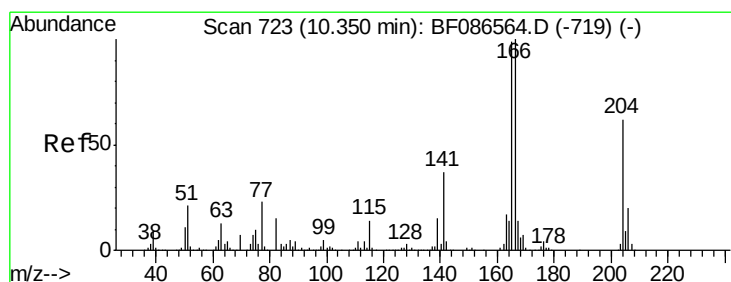
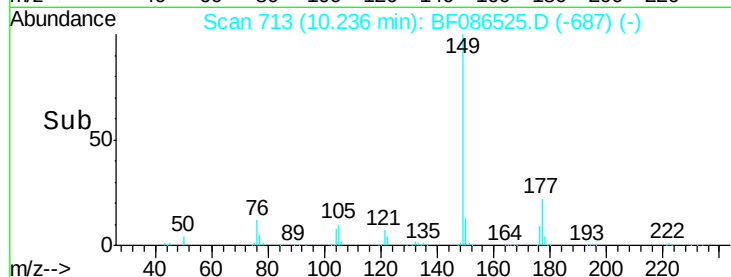
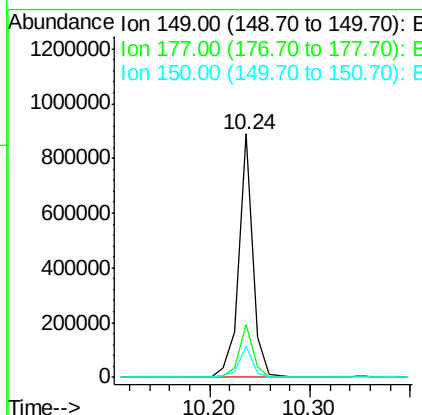
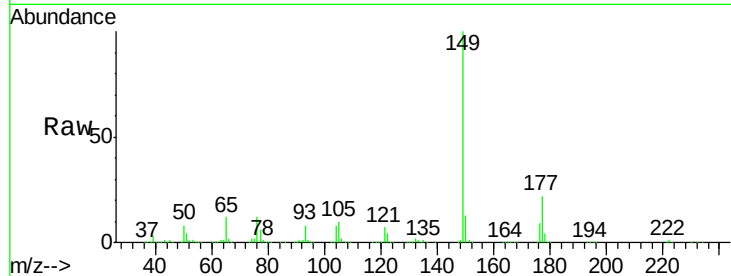
#59
Diethylphthalate
Concen: 39.65 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
PB90140BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	862168		
177	21.5	16.6	24.8	
150	12.9	10.0	15.0	

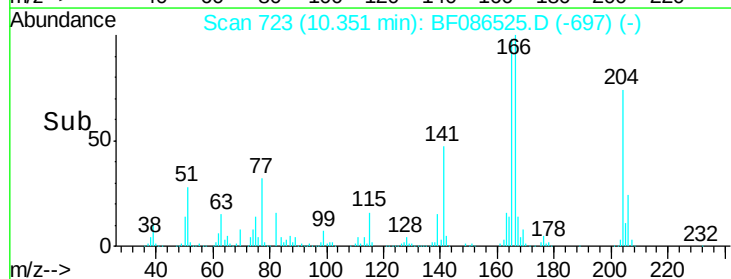
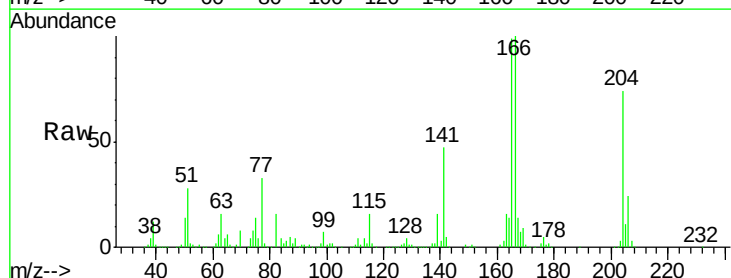
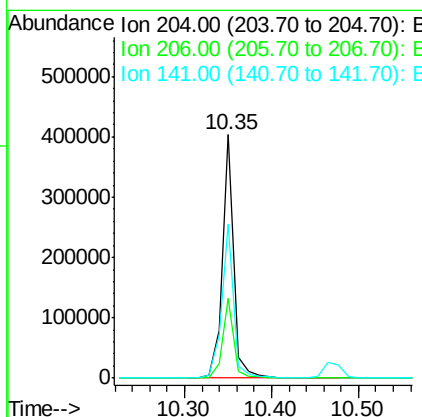
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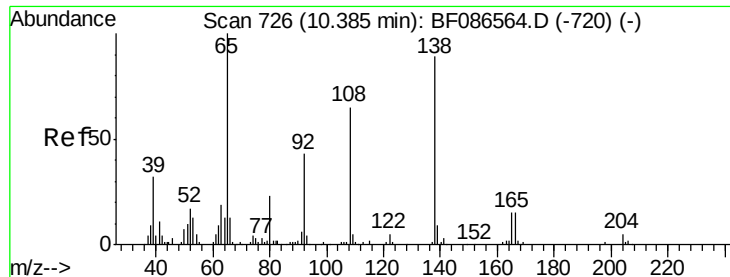
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#60
4-Chlorophenyl-phenylether
Concen: 39.37 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	377684		
206	33.0	25.4	38.0	
141	63.5	61.6	92.4	





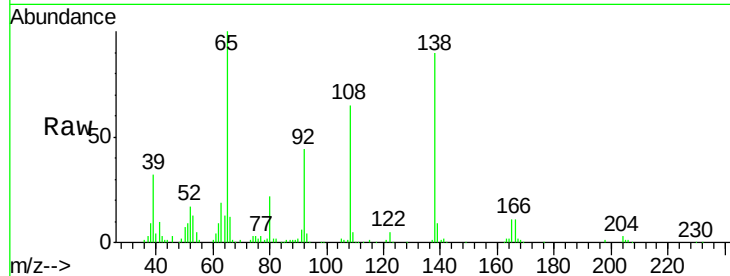
#61
4-Nitroaniline
Concen: 43.53 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.7	24.7	64.7
108	72.1	37.4	77.4

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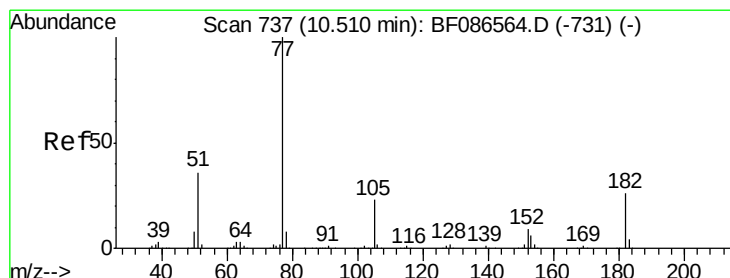
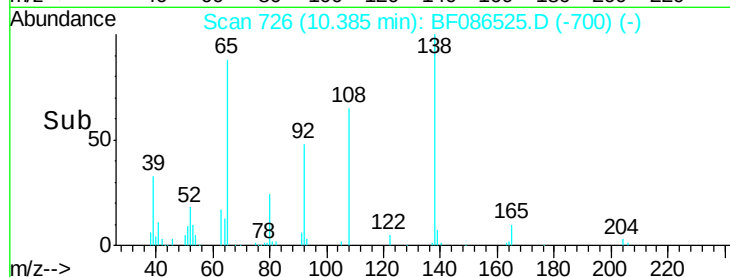
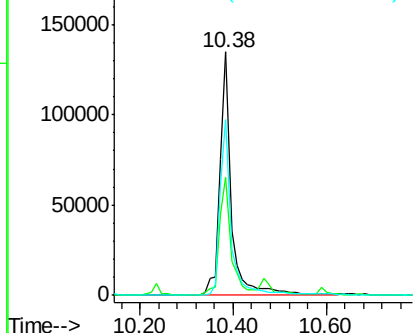
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 45.36 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

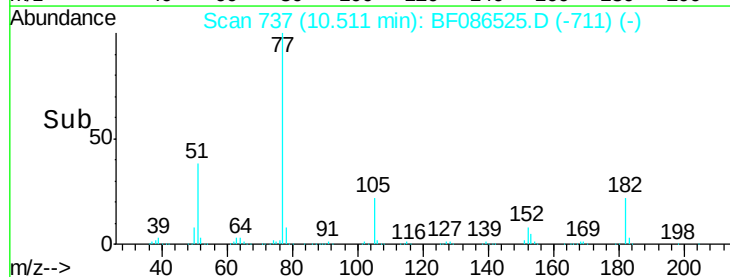
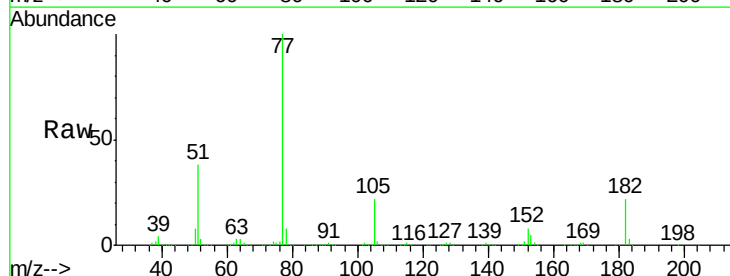
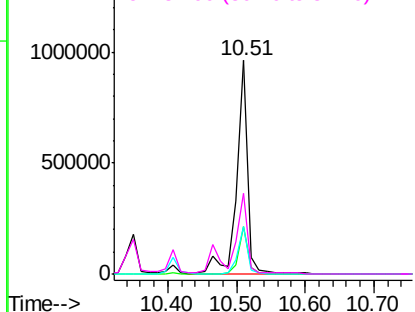
Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.1	0.0	38.8
105	22.4	3.2	43.2
51	38.0	8.8	48.8

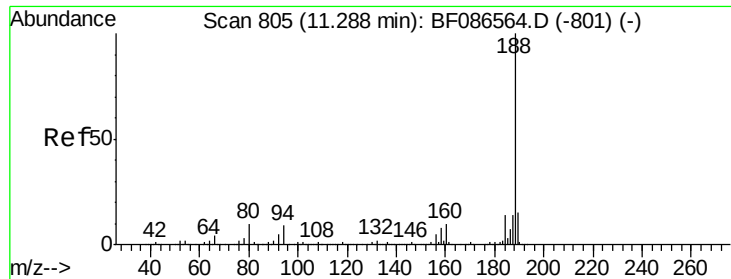
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





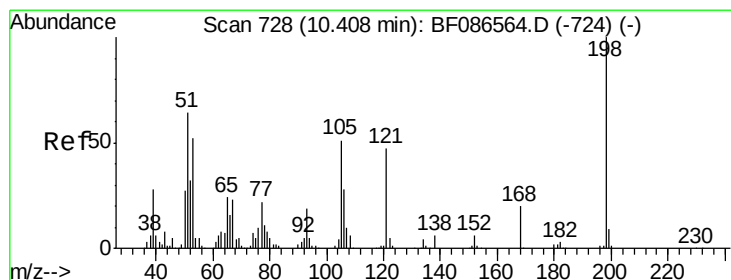
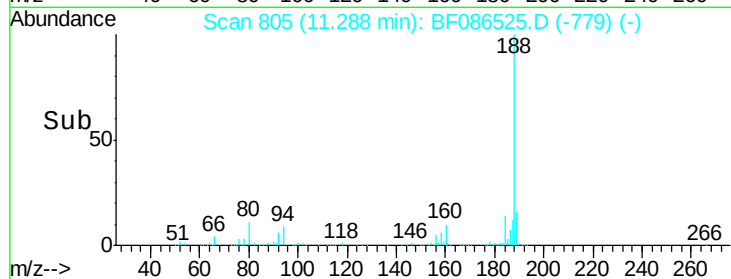
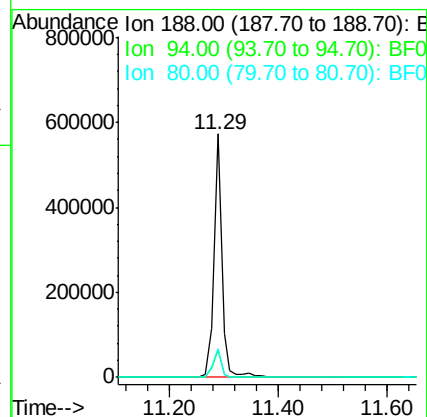
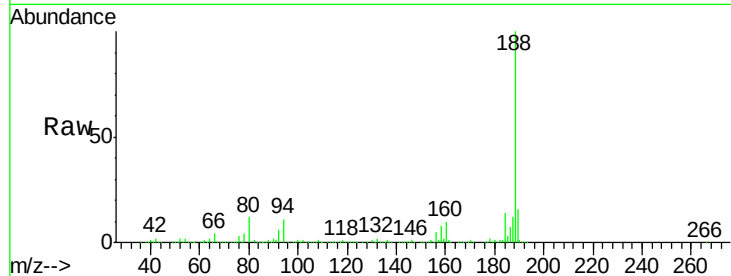
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
PB90140BS

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	11.3	6.8	10.2#
80	11.7	7.1	10.7#

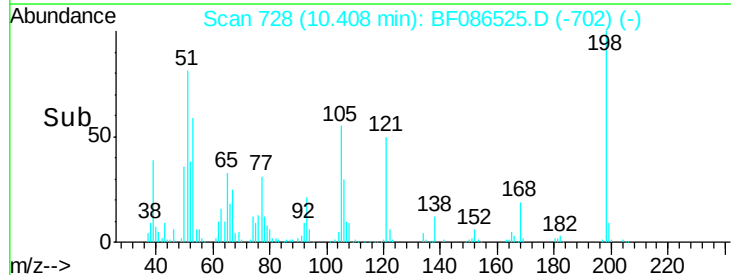
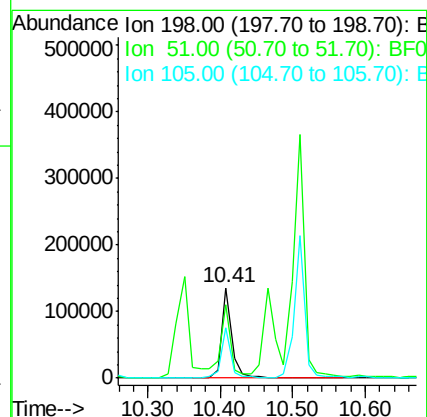
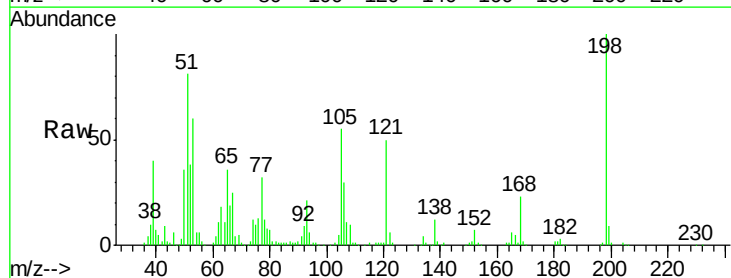
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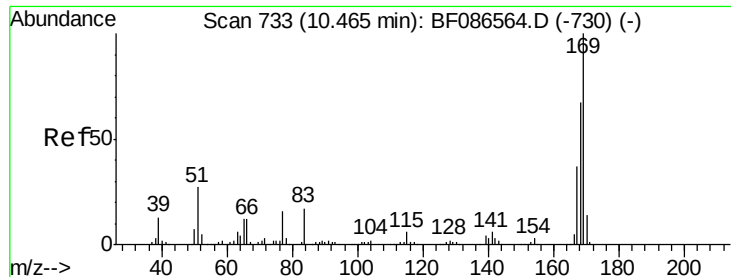
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.07 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	81.1	20.5	60.5#
105	55.1	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 39.90 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

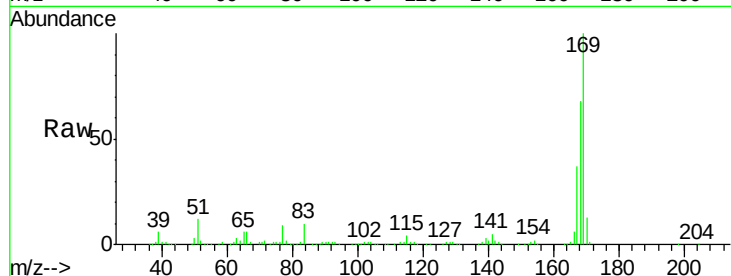
ClientSampleId :

PB90140BS

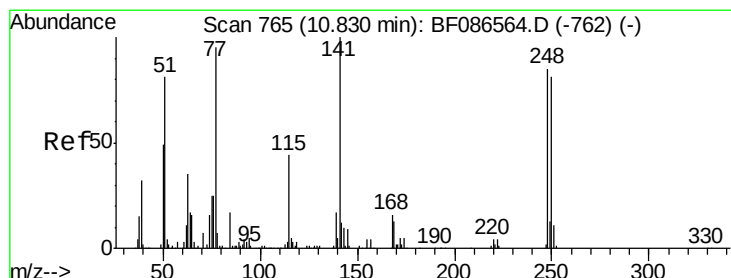
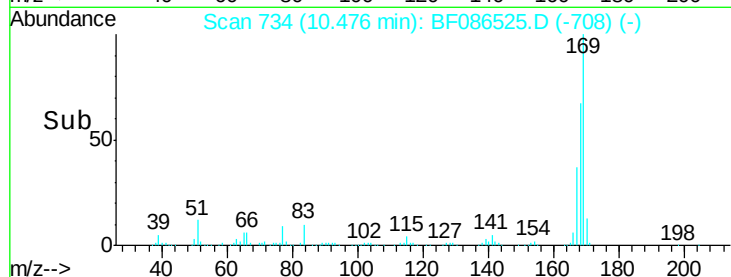
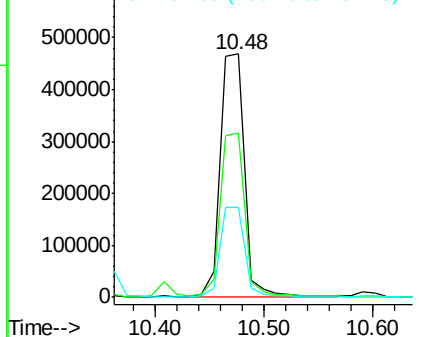
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Tgt Ion	Ratio	Resp	Lower	Upper
169	100	729615		
168	67.6	53.8	80.6	
167	36.8	29.5	44.3	



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: 39.44 ng

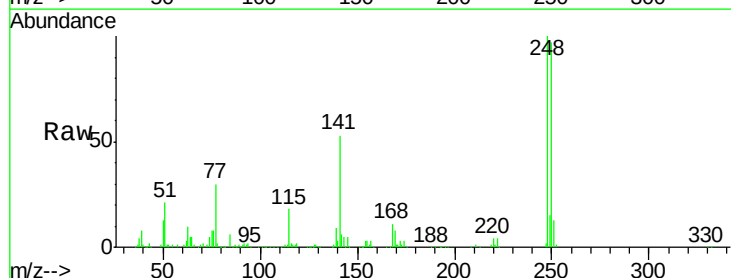
RT: 10.84 min Scan# 766

Delta R.T. 0.00 min

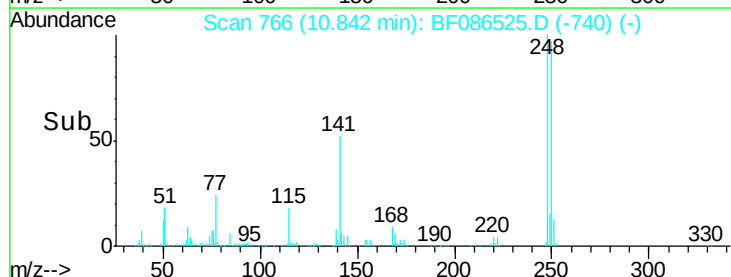
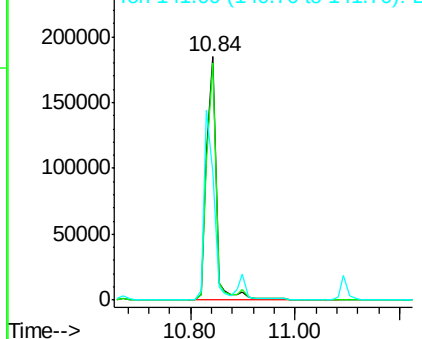
Lab File: BF086525.D

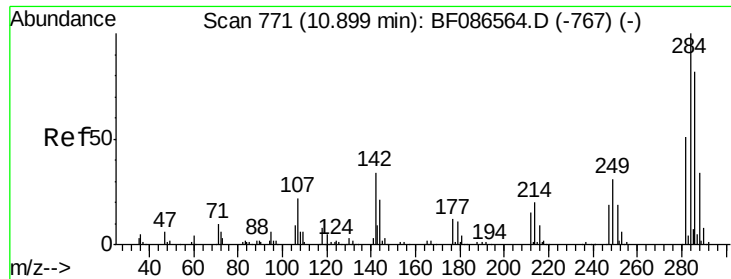
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	237781		
250	97.4	78.6	117.8	
141	52.7	76.0	114.0	



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





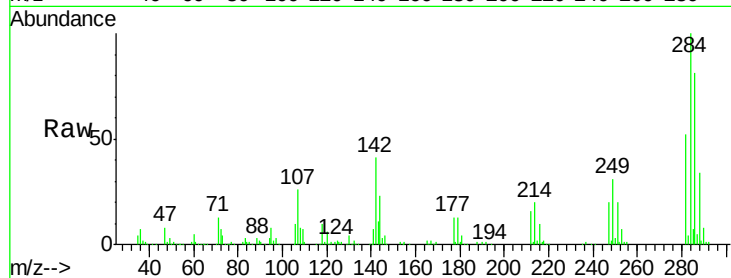
#67
Hexachlorobenzene
Concen: 37.33 ng
RT: 10.90 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
PB90140BS

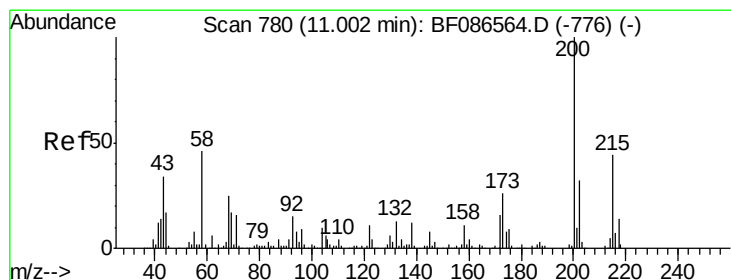
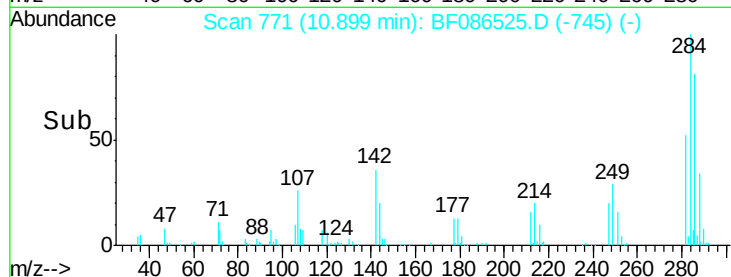
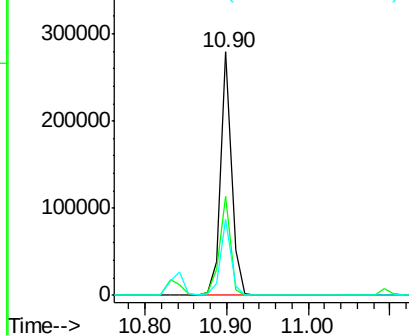
Tgt Ion	Ratio	Resp	Lower	Upper
284	100	260510		
142	40.6	16.7	25.1#	
249	31.2	21.3	31.9	

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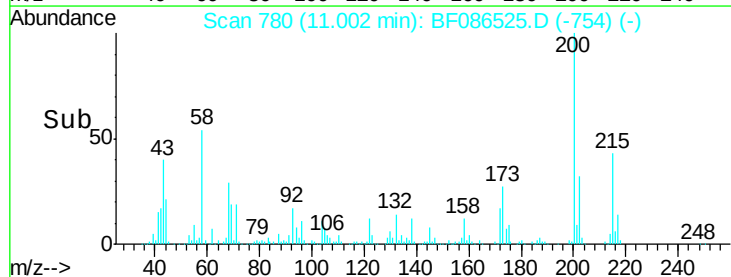
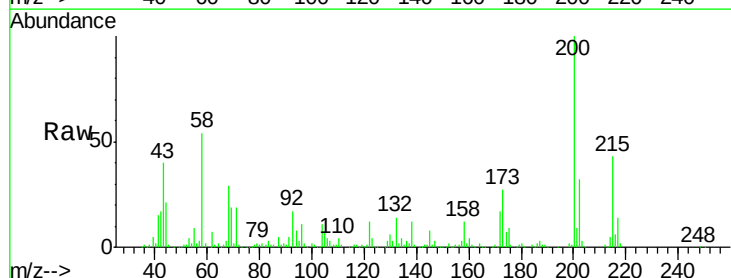
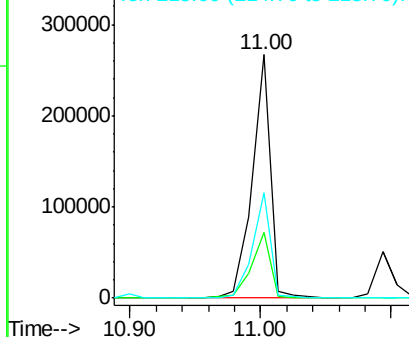
Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

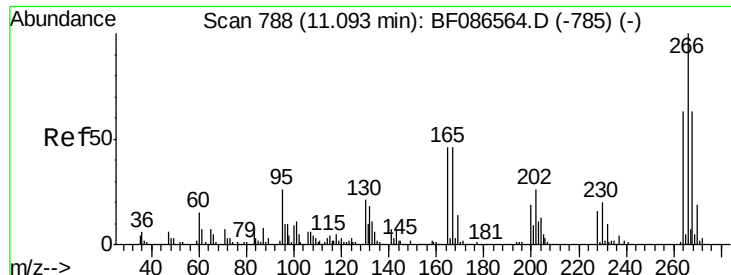


#68
Atrazine
Concen: 47.29 ng
RT: 11.00 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	259624		
173	27.2	8.5	48.5	
215	43.5	27.2	67.2	

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





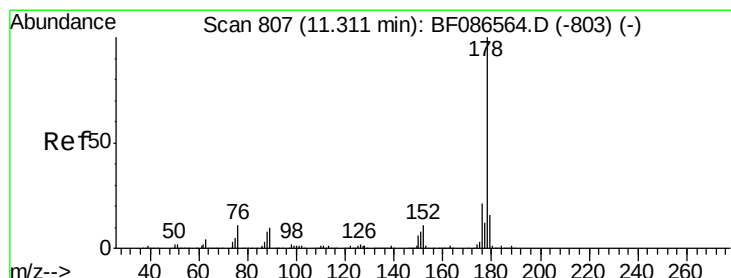
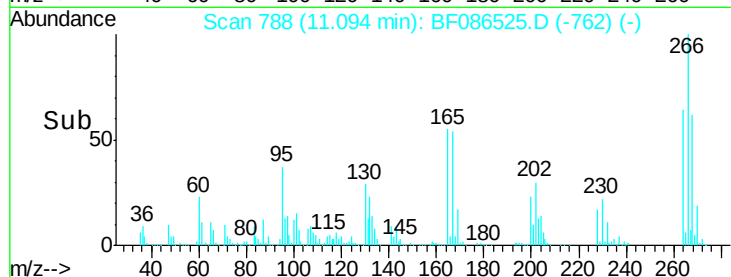
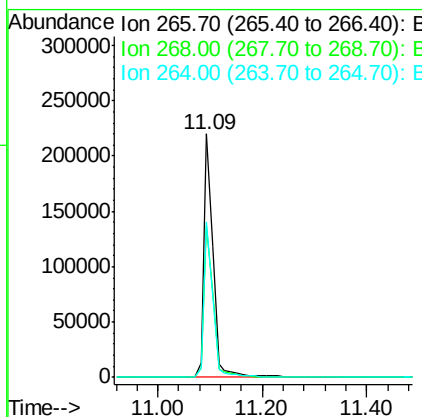
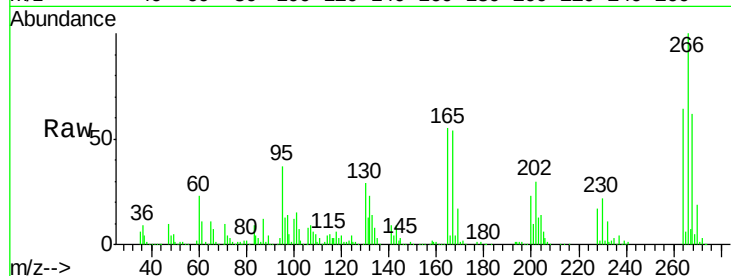
#69
 Pentachlorophenol
 Concen: 73.54 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	270535		
268	62.4	51.5	77.3	
264	64.0	52.9	79.3	

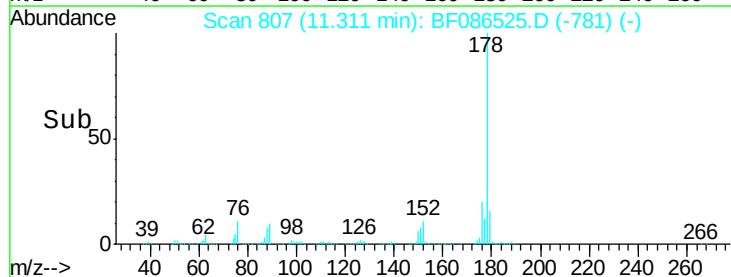
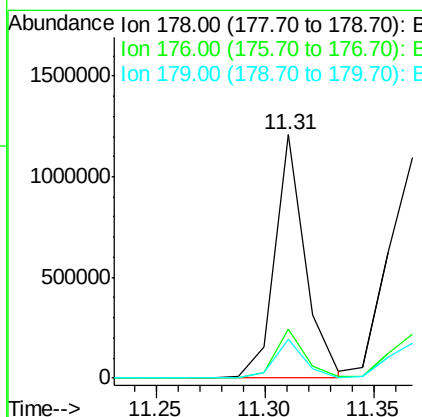
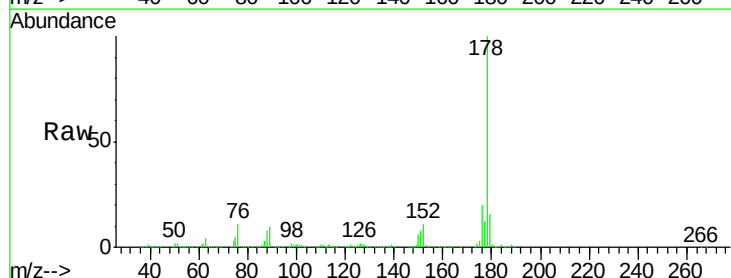
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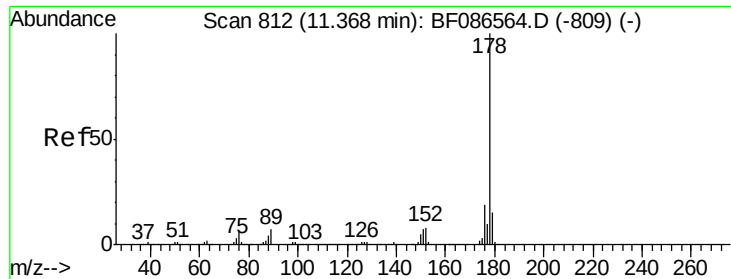
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#70
 Phenanthrene
 Concen: 38.38 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1178427		
176	20.4	16.0	24.0	
179	15.9	12.6	18.8	





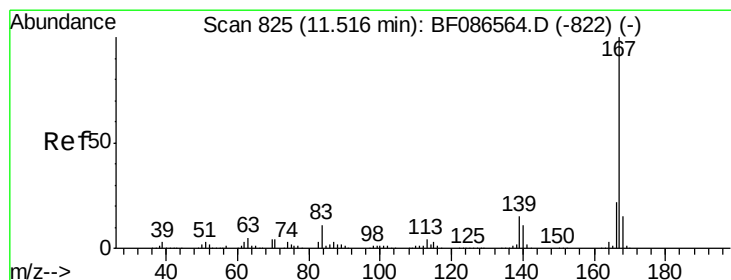
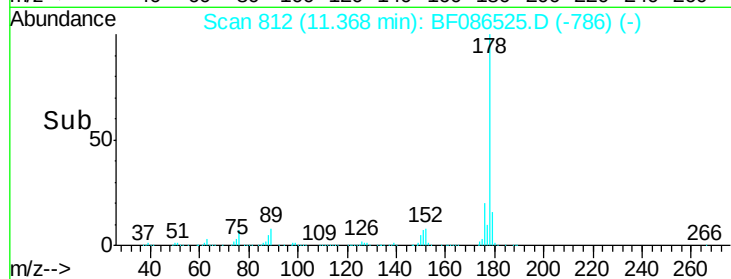
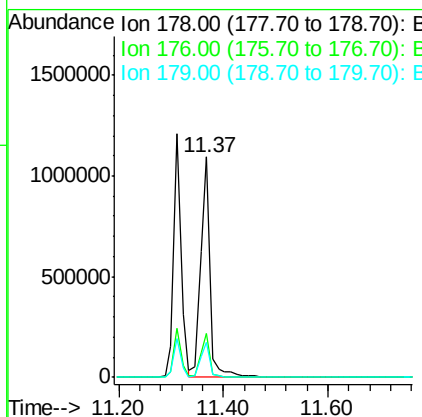
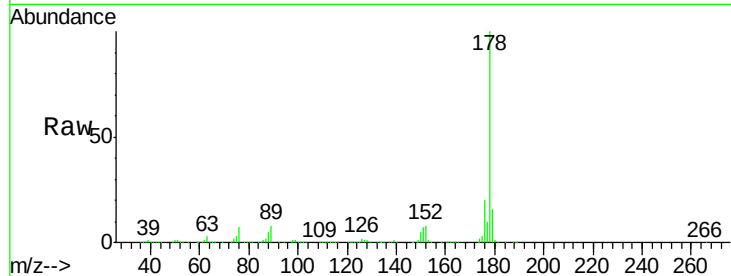
#71
 Anthracene
 Concen: 42.18 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BS

Tgt Ion:178 Resp: 1381922
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.6 23.4
 179 15.8 12.7 19.1

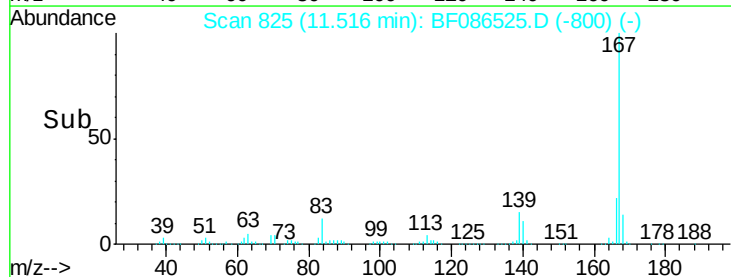
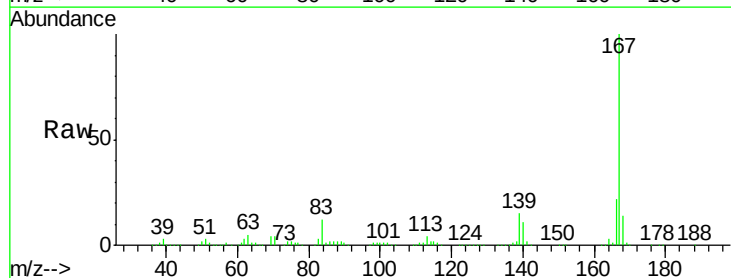
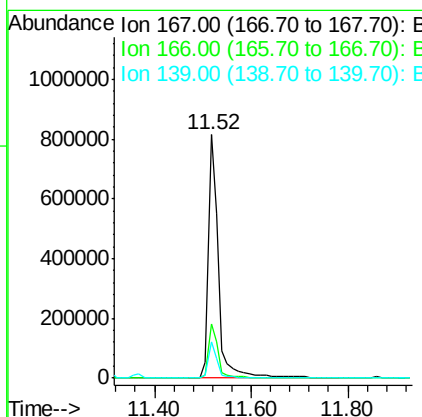
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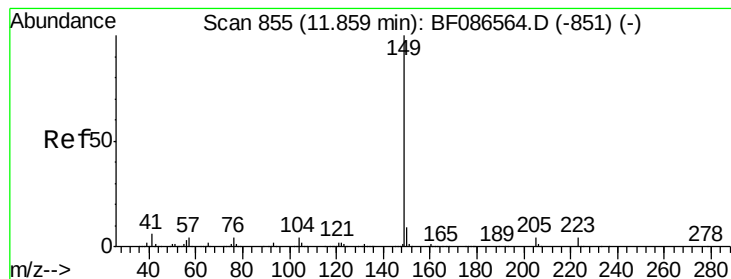
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#72
 Carbazole
 Concen: 40.88 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion:167 Resp: 1187058
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.7 26.5
 139 14.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 43.15 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

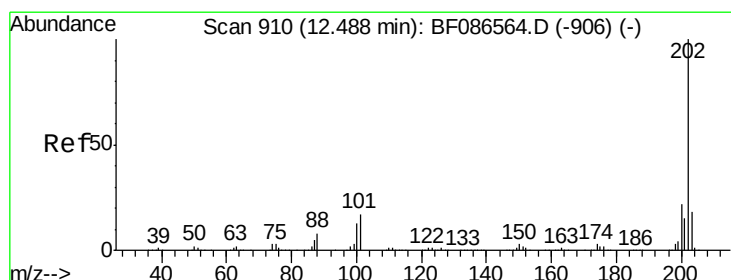
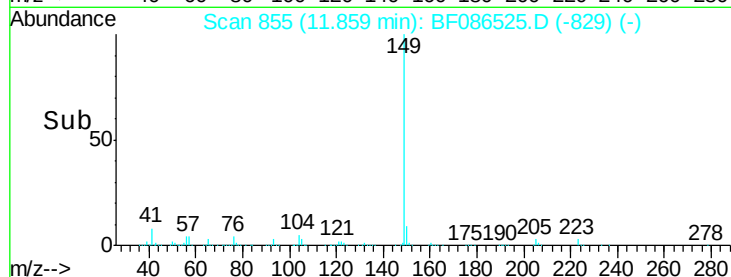
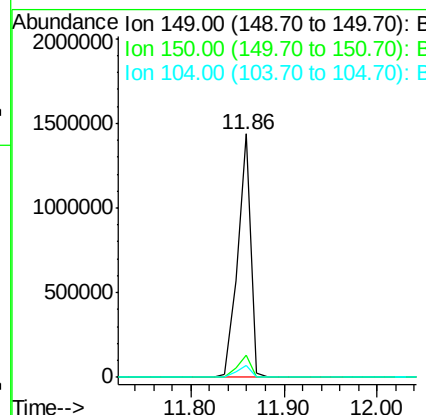
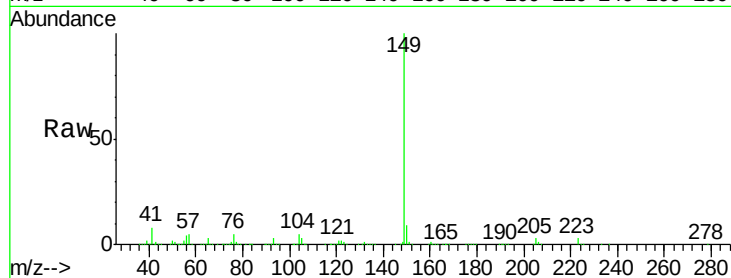
ClientSampleId :

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Tgt Ion:	149	Resp:	1419410
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.6	11.4
104	4.9	3.8	5.6



#74

Fluoranthene

Concen: 42.92 ng

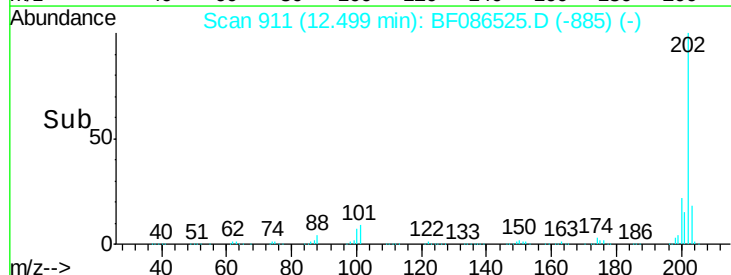
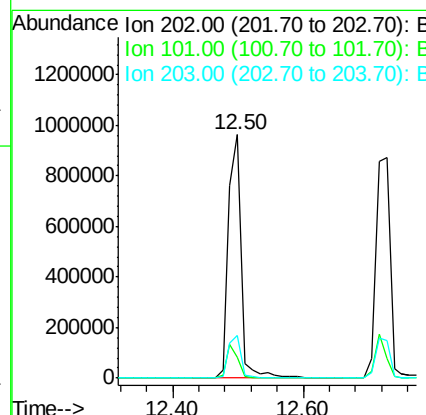
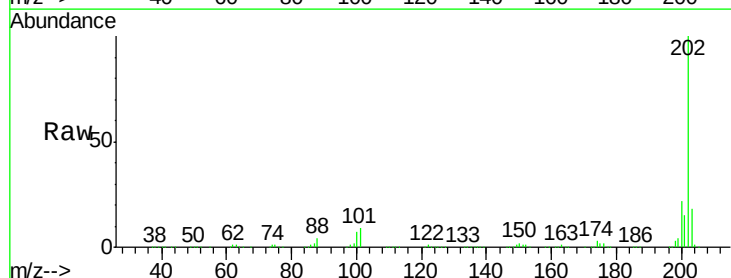
RT: 12.50 min Scan# 911

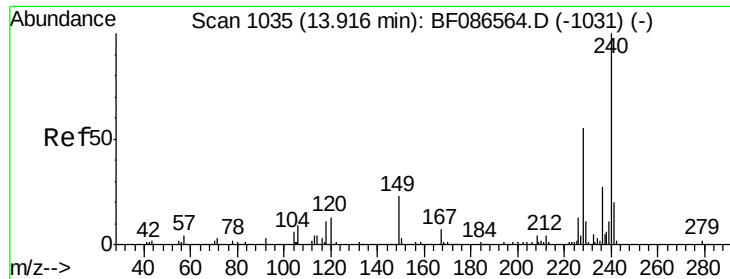
Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:	202	Resp:	1330095
Ion Ratio	Lower	Upper	
202	100		
101	8.7	0.0	35.4
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

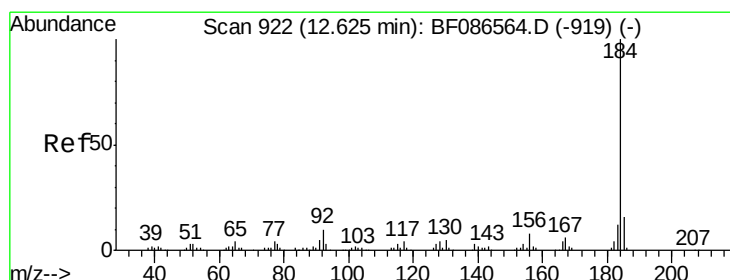
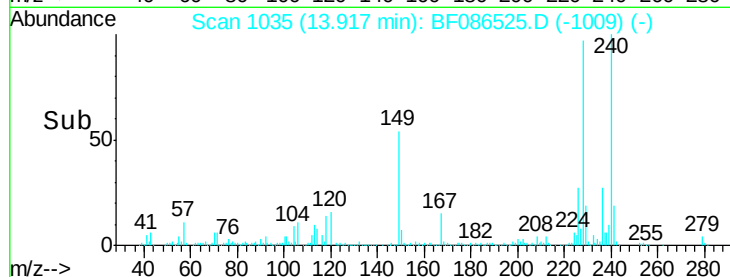
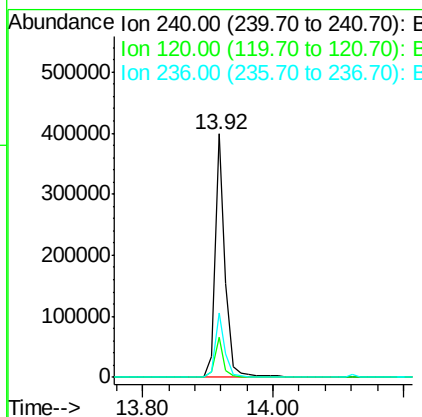
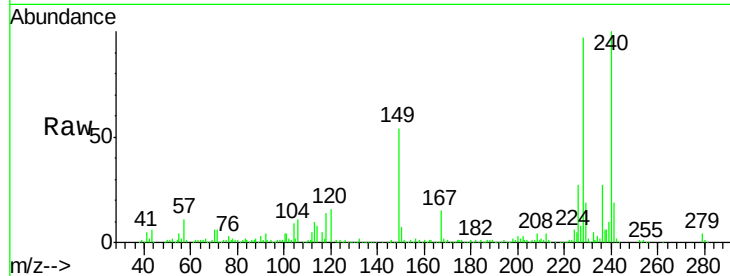
ClientSampleId :

PB90140BS

Tgt Ion:	240	Resp:	436440
Ion Ratio	Lower	Upper	
240	100		
120	16.3	11.2	16.8
236	26.5	21.2	31.8

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#76

Benzidine

Concen: 23.92 ng

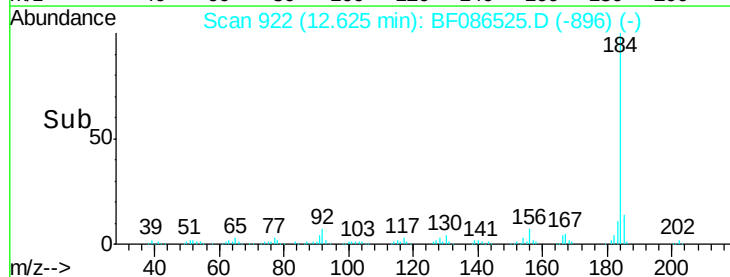
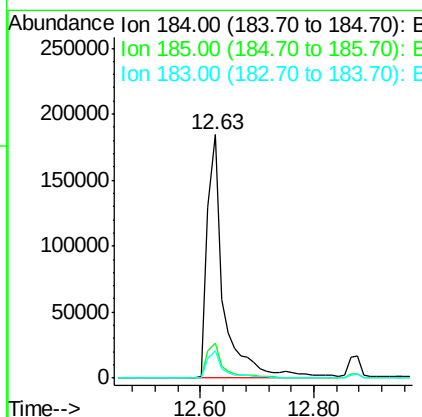
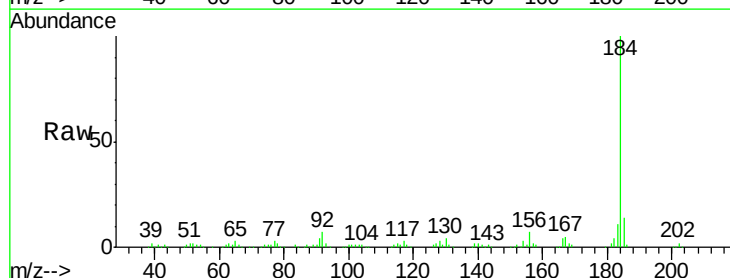
RT: 12.63 min Scan# 922

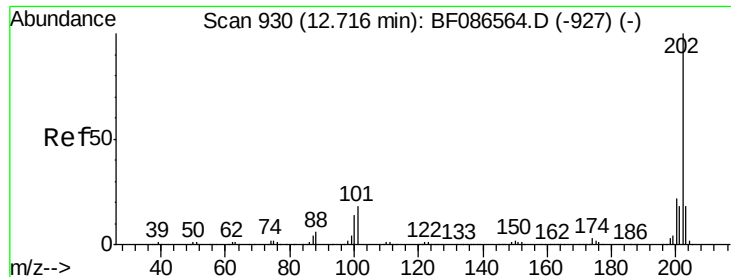
Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Tgt Ion:	184	Resp:	358735
Ion Ratio	Lower	Upper	
184	100		
185	14.2	13.6	20.4
183	11.4	9.8	14.6





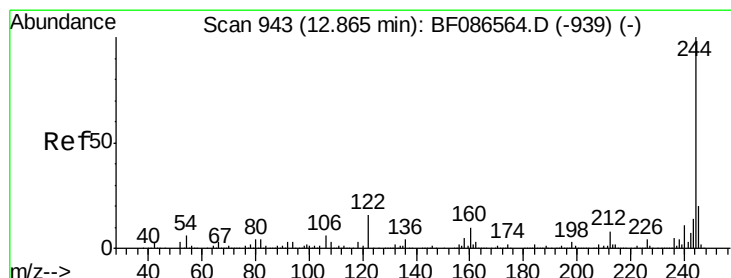
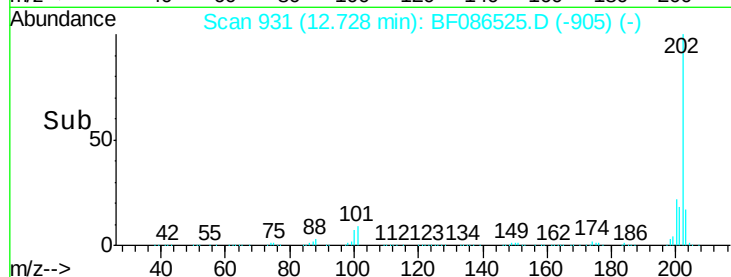
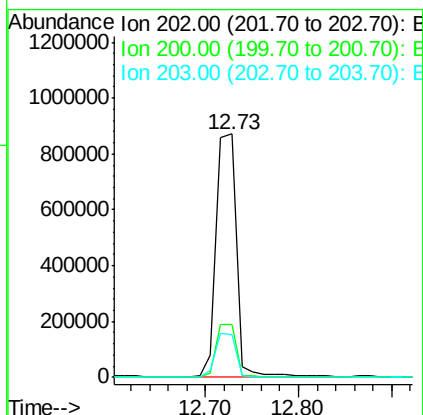
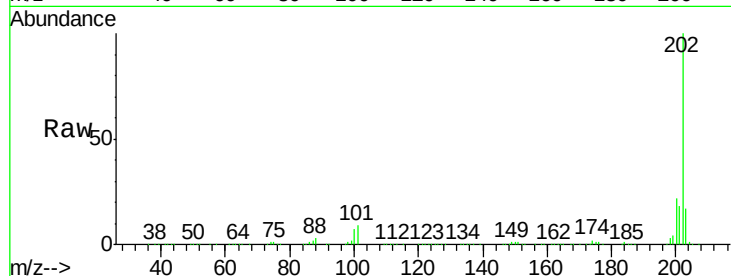
#77
 Pyrene
 Concen: 41.49 ng
 RT: 12.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	17.3	14.2	21.4

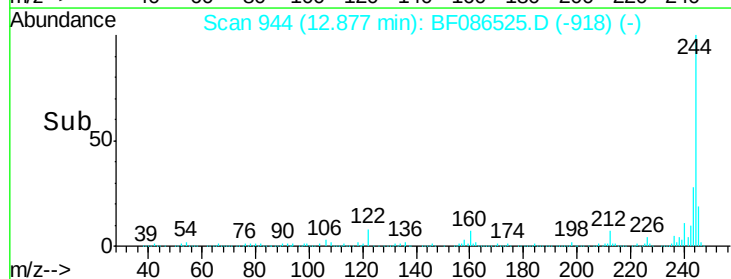
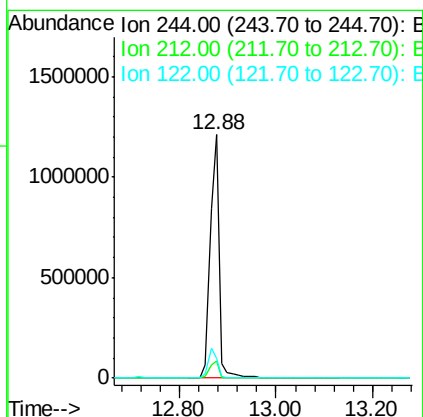
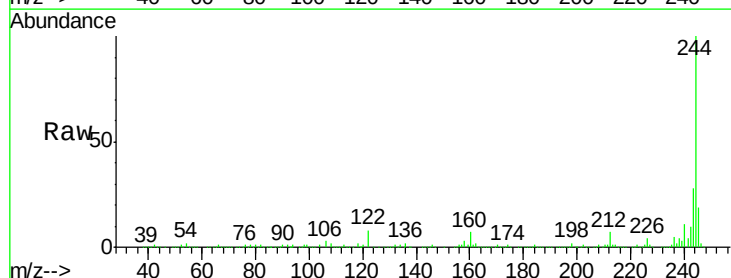
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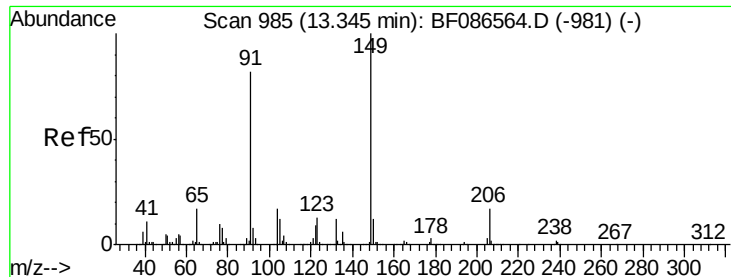
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#78
 Terphenyl-d14
 Concen: 80.38 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	8.3	12.0	18.0#





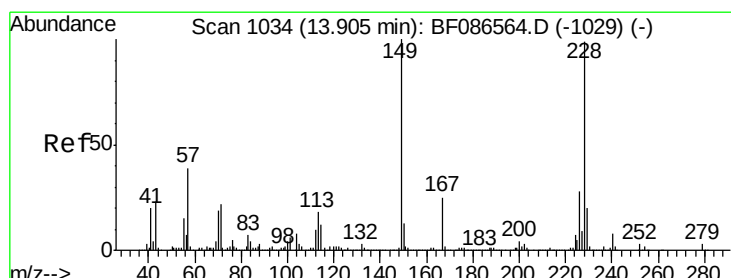
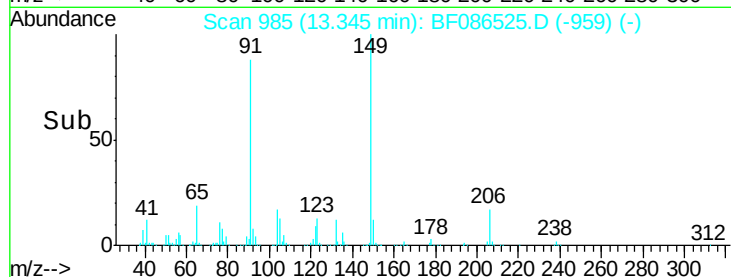
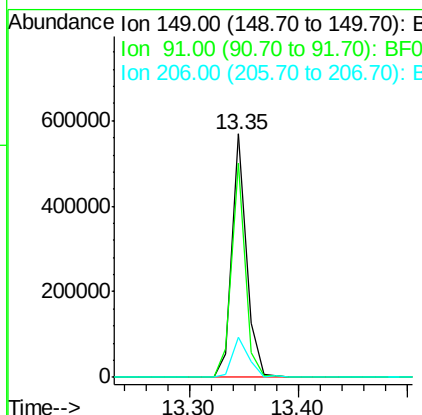
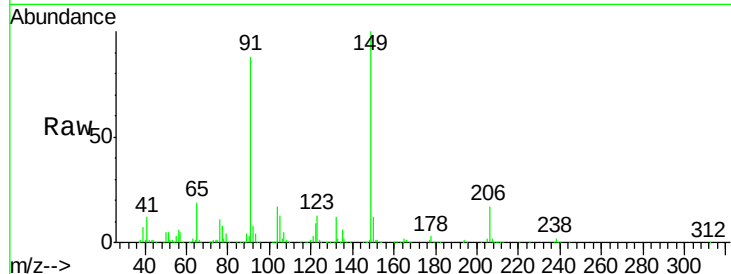
#79
Butylbenzylphthalate
Concen: 38.67 ng
RT: 13.35 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
PB90140BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	526666		
91	88.0	48.0	72.0#	
206	16.7	15.8	23.6	

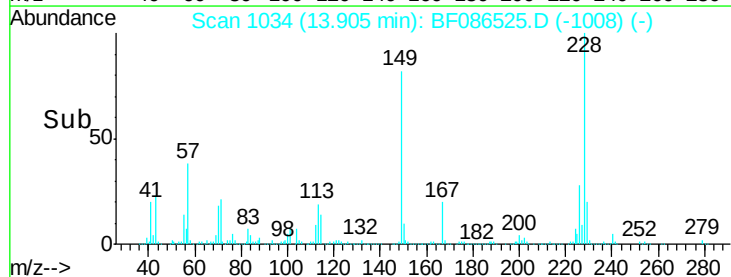
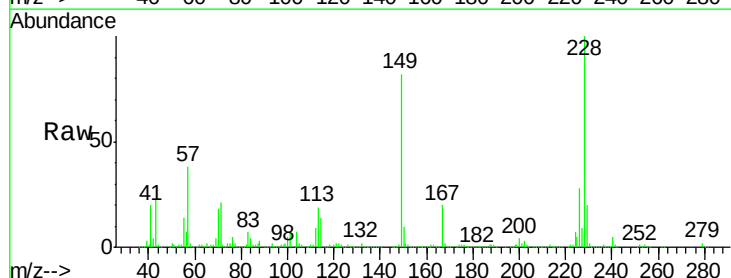
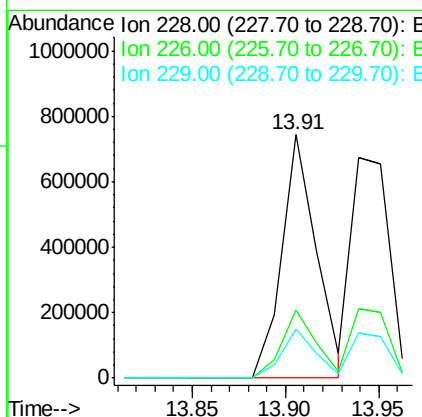
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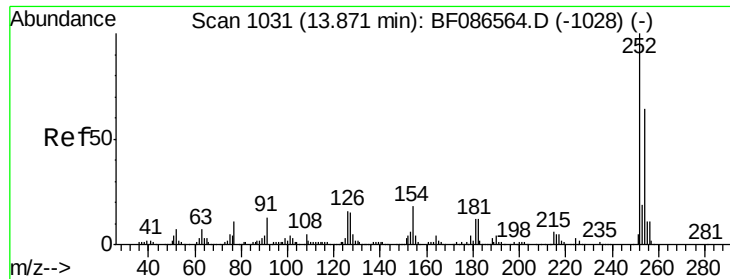
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#80
Benzo(a)anthracene
Concen: 41.38 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	962931		
226	28.3	22.5	33.7	
229	20.3	16.6	25.0	





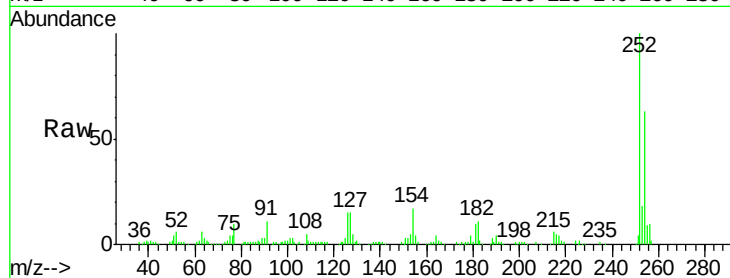
#81
 3,3'-Dichlorobenzidine
 Concen: 10.97 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BS

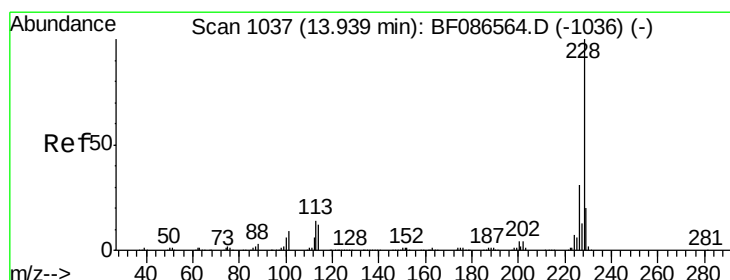
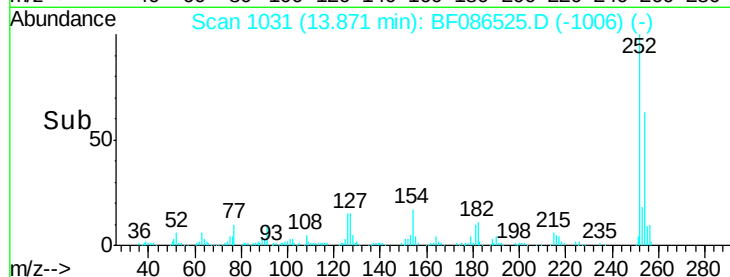
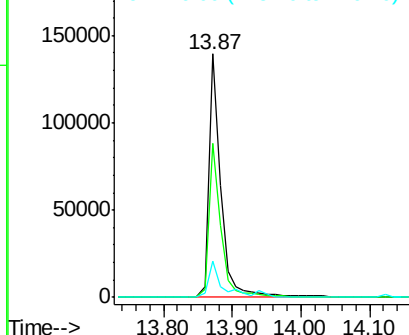
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	170566		
254	63.5	50.7	76.1	
126	14.8	12.7	19.1	

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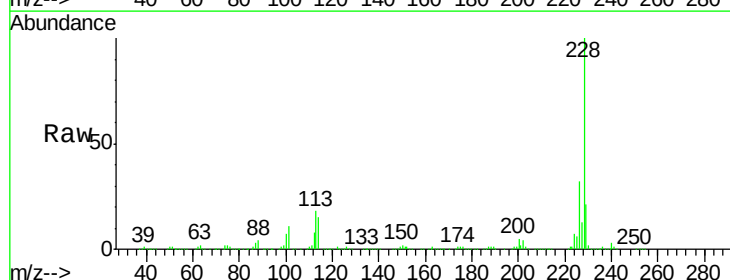


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

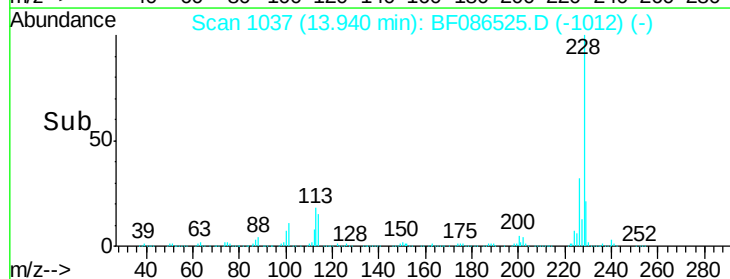
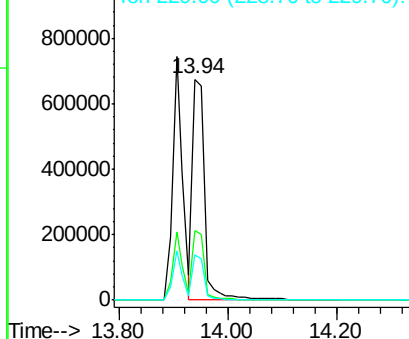


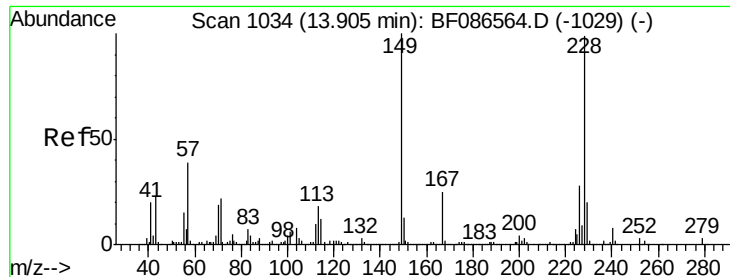
#82
 Chrysene
 Concen: 40.88 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1034031		
226	31.5	24.4	36.6	
229	20.5	15.8	23.8	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.62 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086525.D

Acq: 30 Apr 2016 15:56

Instrument :

BNA_F

ClientSampleId :

PB90140BS

Tgt Ion:149 Resp: 602293
Ion Ratio Lower Upper

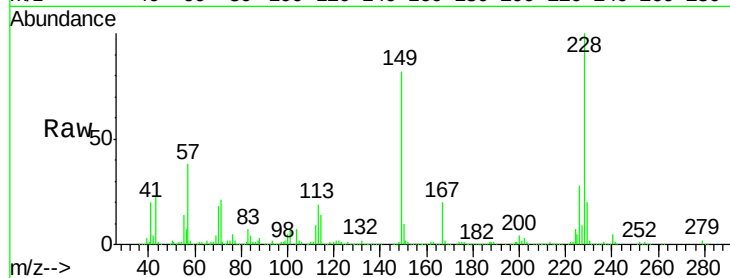
149 100

167 24.8 21.8 32.6

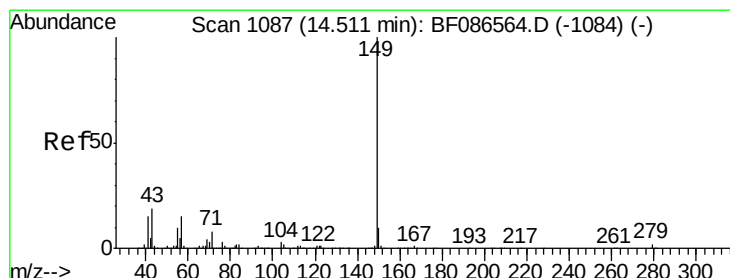
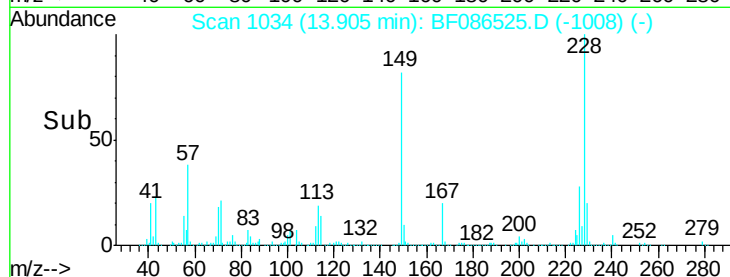
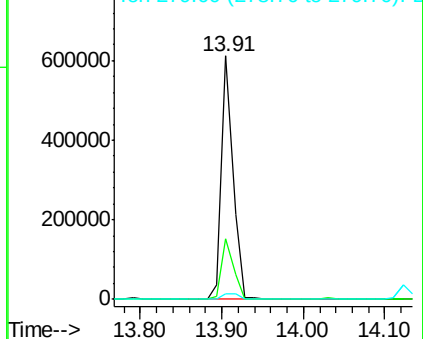
279 2.1 2.6 4.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.79 ng

RT: 14.52 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BF086525.D

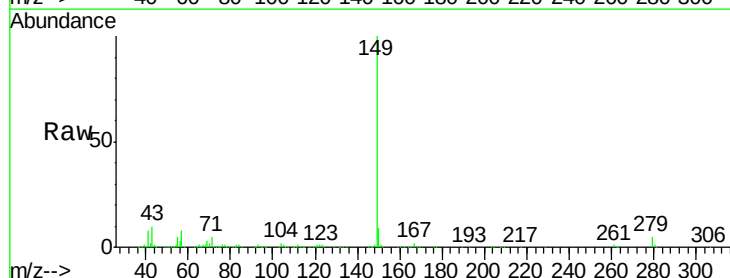
Acq: 30 Apr 2016 15:56

Tgt Ion:149 Resp: 1027072
Ion Ratio Lower Upper

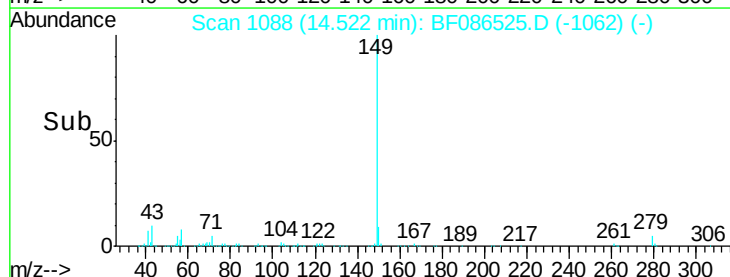
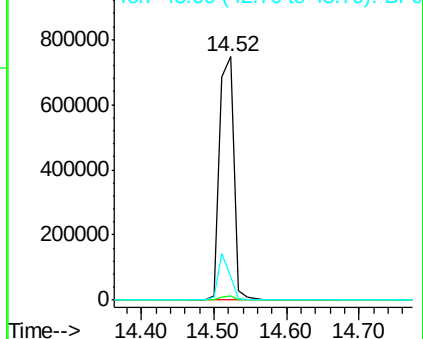
149 100

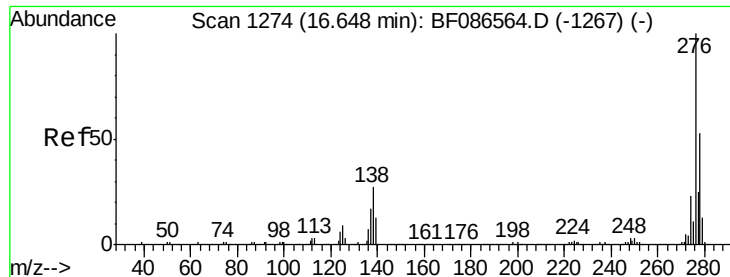
167 1.5 1.2 1.8

43 15.0 8.2 12.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





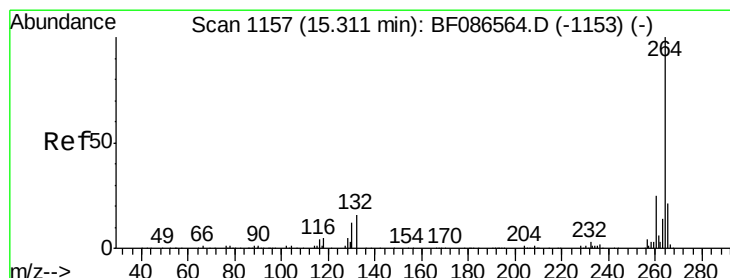
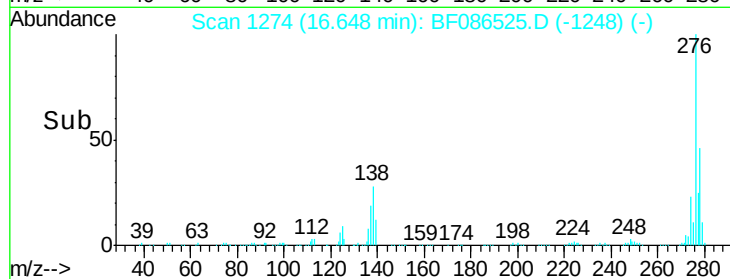
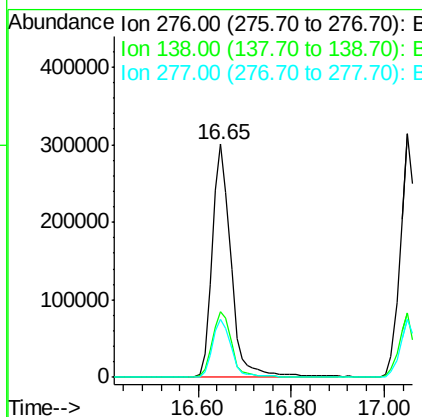
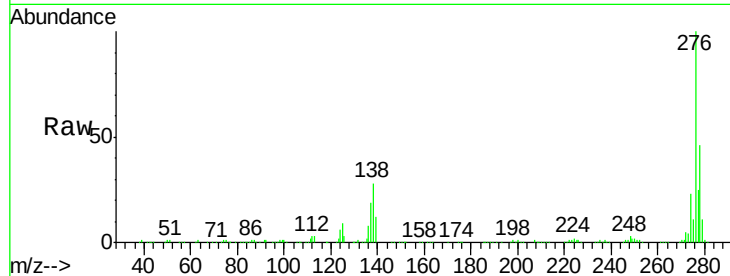
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.09 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BS

Tgt Ion:	276	Resp:	844952
Ion Ratio	Lower	Upper	
276	100		
138	29.7	25.6	38.4
277	25.4	20.5	30.7

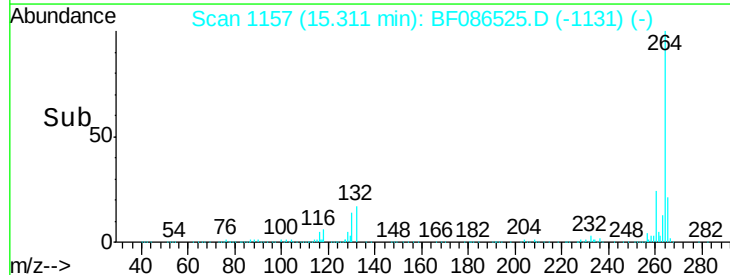
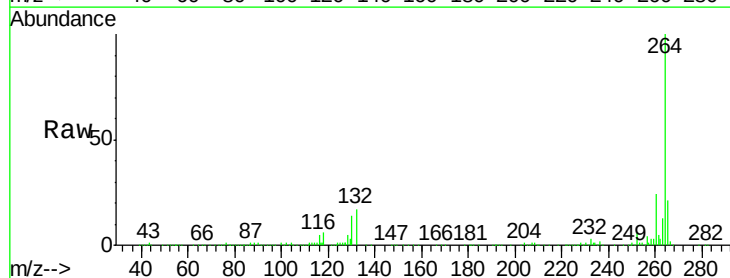
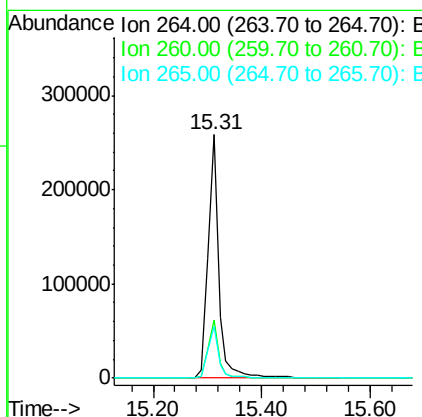
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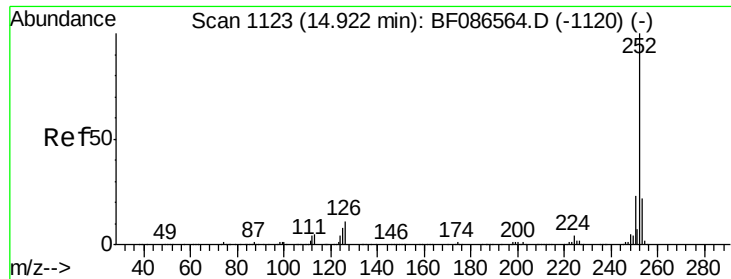
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Tgt Ion:	264	Resp:	355932
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	21.2	17.3	25.9





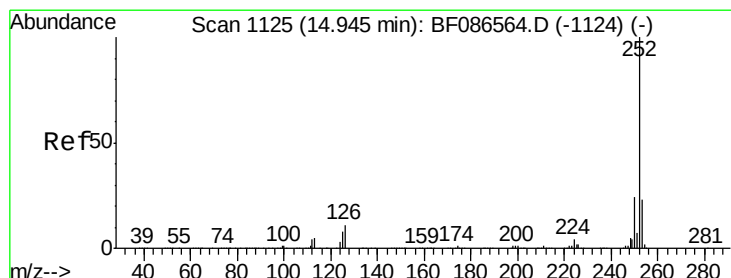
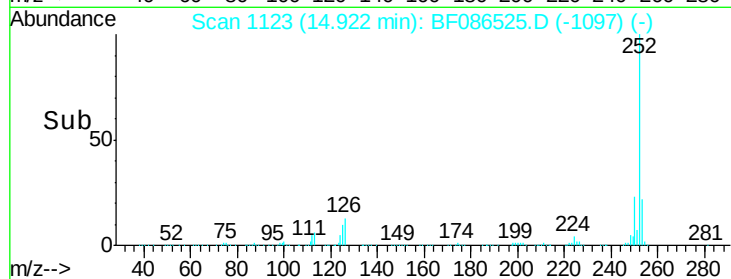
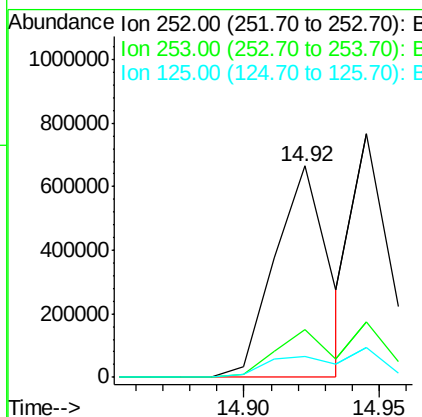
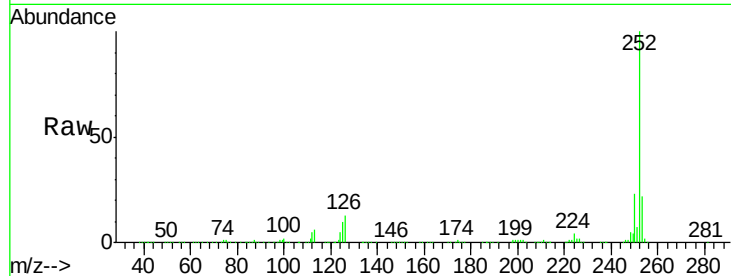
#87
Benzo(b)fluoranthene
Concen: 44.08 ng m
RT: 14.92 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampled :
PB90140BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.2	11.4	17.0

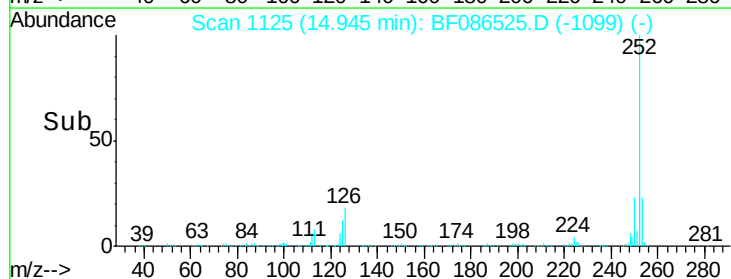
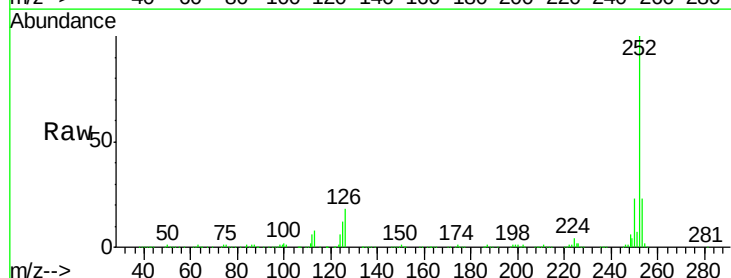
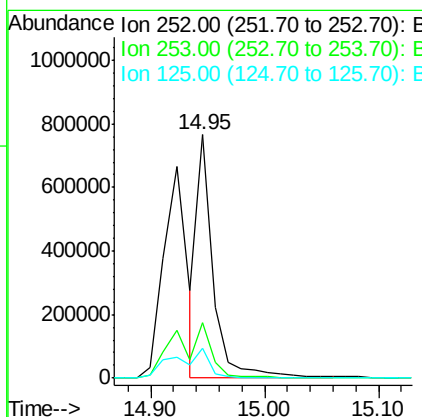
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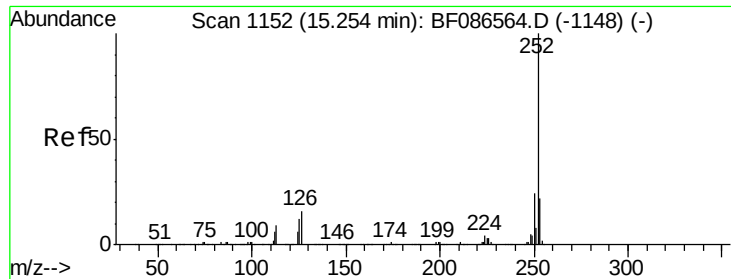
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#88
Benzo(k)fluoranthene
Concen: 36.31 ng m
RT: 14.95 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	12.3	9.1	13.7





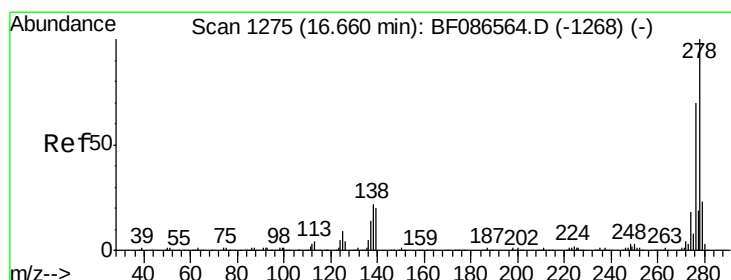
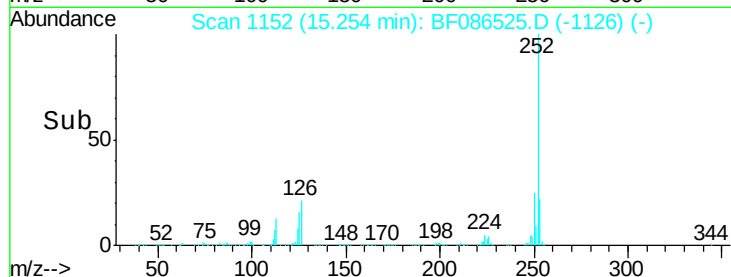
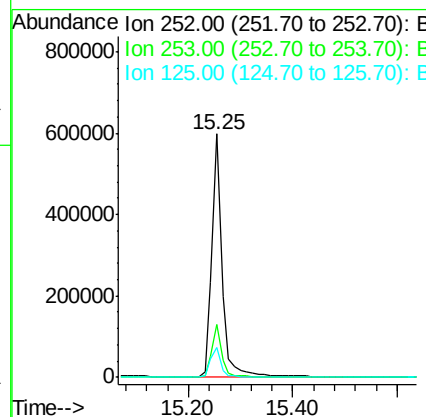
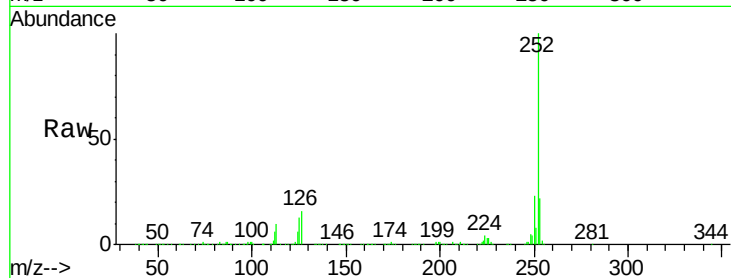
#89
Benzo(a)pyrene
Concen: 40.76 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Instrument :
BNA_F
ClientSampleId :
PB90140BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	12.5	9.0	13.6

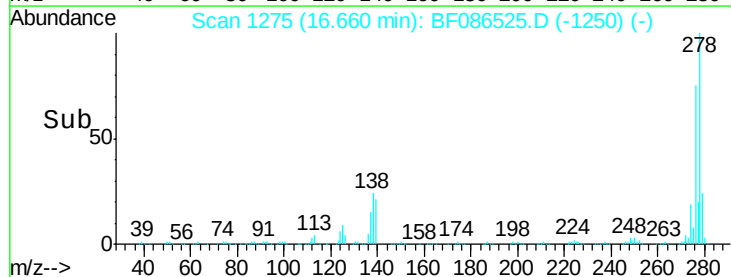
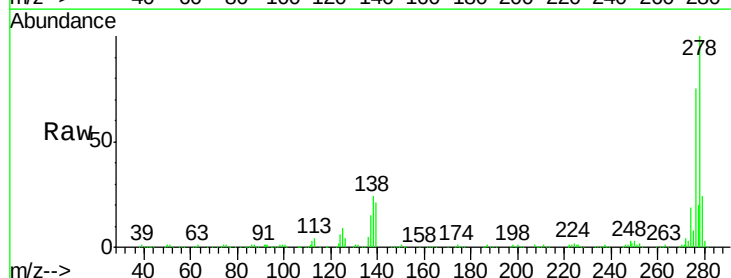
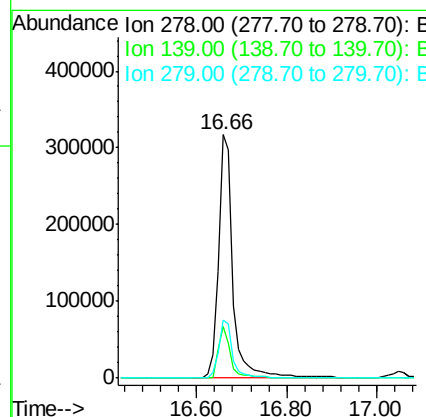
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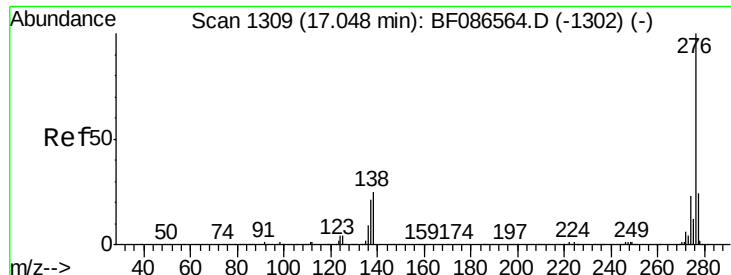
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#90
Dibenzo(a,h)anthracene
Concen: 43.64 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086525.D
Acq: 30 Apr 2016 15:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.6	24.8
279	23.9	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 44.17 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086525.D
 Acq: 30 Apr 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB90140BS

Tgt Ion:	276	Resp:	716093
Ion Ratio	Lower	Upper	
276	100		
277	24.0	19.6	29.4
138	26.6	23.6	35.4

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