

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086529.D
 Acq On : 30 Apr 2016 17:49
 Operator : UM/SJ
 Sample : PB90186BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS

Manual Integrations
 APPROVED

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 5/2/2016 7:53:26 PM

Quant Time: May 01 04:19:10 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	143497	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	623771	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	305565	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	590830	20.00	ng	0.00
75) Chrysene-d12	13.92	240	428649	20.00	ng	0.00
86) Perylene-d12	15.31	264	357274	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	1045632	125.69	ng	0.01
7) Phenol-d6	6.41	99	1550943	133.57	ng	0.00
23) Nitrobenzene-d5	7.33	82	967830	83.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	430900	133.72	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1648704	97.33	ng	0.00
78) Terphenyl-d14	12.88	244	1580773	81.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	156725	35.86	ng	# 77
3) Pyridine	3.07	79	454434	43.94	ng	# 71
4) n-Nitrosodimethylamine	3.02	42	268106	45.48	ng	# 60
6) Aniline	6.43	93	239089	17.02	ng	# 23
8) 2-Chlorophenol	6.56	128	432663	41.76	ng	97
9) Benzaldehyde	6.30	77	60866	9.01	ng	91
10) Phenol	6.43	94	465389	35.93	ng	78
11) bis(2-Chloroethyl)ether	6.51	93	467966	41.79	ng	94
12) 1,3-Dichlorobenzene	6.70	146	423393	37.99	ng	# 94
13) 1,4-Dichlorobenzene	6.78	146	448534	39.00	ng	96
14) 1,2-Dichlorobenzene	6.93	146	401958	38.11	ng	94
15) Benzyl Alcohol	6.92	79	348433	47.44	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	888744	39.65	ng	89
17) 2-Methylphenol	7.04	107	372441	44.47	ng	94
18) Hexachloroethane	7.28	117	161997	37.70	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	321637	41.91	ng	# 69
20) 3+4-Methylphenols	7.18	107	430145	44.98	ng	91
22) Acetophenone	7.18	105	589296	43.08	ng	# 90
24) Nitrobenzene	7.36	77	504920	42.41	ng	96
25) Isophorone	7.60	82	893501	40.12	ng	99
26) 2-Nitrophenol	7.68	139	233487	42.60	ng	95
27) 2,4-Dimethylphenol	7.72	122	420879	43.76	ng	95
28) bis(2-Chloroethoxy)methane	7.81	93	549113	45.26	ng	99
29) 2,4-Dichlorophenol	7.92	162	365933	45.10	ng	97
30) 1,2,4-Trichlorobenzene	8.00	180	365106	38.79	ng	96
31) Naphthalene	8.08	128	1266157	39.89	ng	99
32) Benzoic acid	7.85	122	183681	34.55	ng	88
33) 4-Chloroaniline	8.13	127	100370	8.44	ng	98
34) Hexachlorobutadiene	8.20	225	195327	37.02	ng	98
35) Caprolactam	8.50	113	118436m	43.75	ng	
36) 4-Chloro-3-methylphenol	8.62	107	419547	45.16	ng	99
37) 2-Methylnaphthalene	8.77	142	807764	43.13	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	323369	36.97	ng	98
40) Hexachlorocyclopentadiene	8.92	237	336158	77.34	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	234261	42.37	ng	95
43) 2,4,5-Trichlorophenol	9.09	196	245572	40.75	ng #	90
45) 1,1'-Biphenyl	9.23	154	962071	37.67	ng	96
46) 2-Chloronaphthalene	9.25	162	737002	37.95	ng	94
47) 2-Nitroaniline	9.36	65	294723	47.33	ng	92
48) Acenaphthylene	9.66	152	1154454	38.03	ng	99
49) Dimethylphthalate	9.54	163	914354	39.75	ng	100
50) 2,6-Dinitrotoluene	9.60	165	189100	39.79	ng #	83
51) Acenaphthene	9.84	154	819589	42.04	ng	99
52) 3-Nitroaniline	9.77	138	72599	13.43	ng	99
53) 2,4-Dinitrophenol	9.87	184	176021	68.94	ng #	75
54) Dibenzofuran	10.02	168	1047287	42.98	ng	95
55) 4-Nitrophenol	9.94	139	307763	86.97	ng #	71
56) 2,4-Dinitrotoluene	10.01	165	255943	42.25	ng #	82
57) Fluorene	10.35	166	735743	34.77	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	216315	45.91	ng	98
59) Diethylphthalate	10.24	149	845092	38.81	ng	99
60) 4-Chlorophenyl-phenylether	10.35	204	386168	40.20	ng #	86
61) 4-Nitroaniline	10.38	138	213987	40.50	ng	90
62) Azobenzene	10.51	77	1078206	45.20	ng	91
64) 4,6-Dinitro-2-methylphenol	10.41	198	138092	39.81	ng #	71
65) n-Nitrosodiphenylamine	10.46	169	715174	38.73	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	236896	38.91	ng #	77
67) Hexachlorobenzene	10.90	284	261539	37.11	ng #	80
68) Atrazine	11.00	200	259409	46.78	ng	96
69) Pentachlorophenol	11.09	266	261495	70.38	ng	99
70) Phenanthrene	11.31	178	1149903	37.09	ng	100
71) Anthracene	11.37	178	1362452	41.17	ng	99
72) Carbazole	11.52	167	1136892	38.77	ng	99
73) Di-n-butylphthalate	11.86	149	1358759	40.90	ng	99
74) Fluoranthene	12.50	202	1295701	41.40	ng	91
76) Benzidine	12.63	184	319731	21.70	ng	96
77) Pyrene	12.72	202	1266086	40.99	ng	100
79) Butylbenzylphthalate	13.35	149	532277	39.79	ng #	71
80) Benzo(a)anthracene	13.91	228	962633	42.12	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	144850	9.48	ng	98
82) Chrysene	13.94	228	949316	38.22	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	598261	36.03	ng #	96
84) Di-n-octyl phthalate	14.52	149	1012742	38.95	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	850482	46.21	ng	97
87) Benzo(b)fluoranthene	14.92	252	935829m	44.53	ng	
88) Benzo(k)fluoranthene	14.95	252	775926m	35.39	ng	
89) Benzo(a)pyrene	15.25	252	800277	40.33	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	706228	43.49	ng	99
91) Benzo(g,h,i)perylene	17.05	276	718445	44.15	ng	94

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

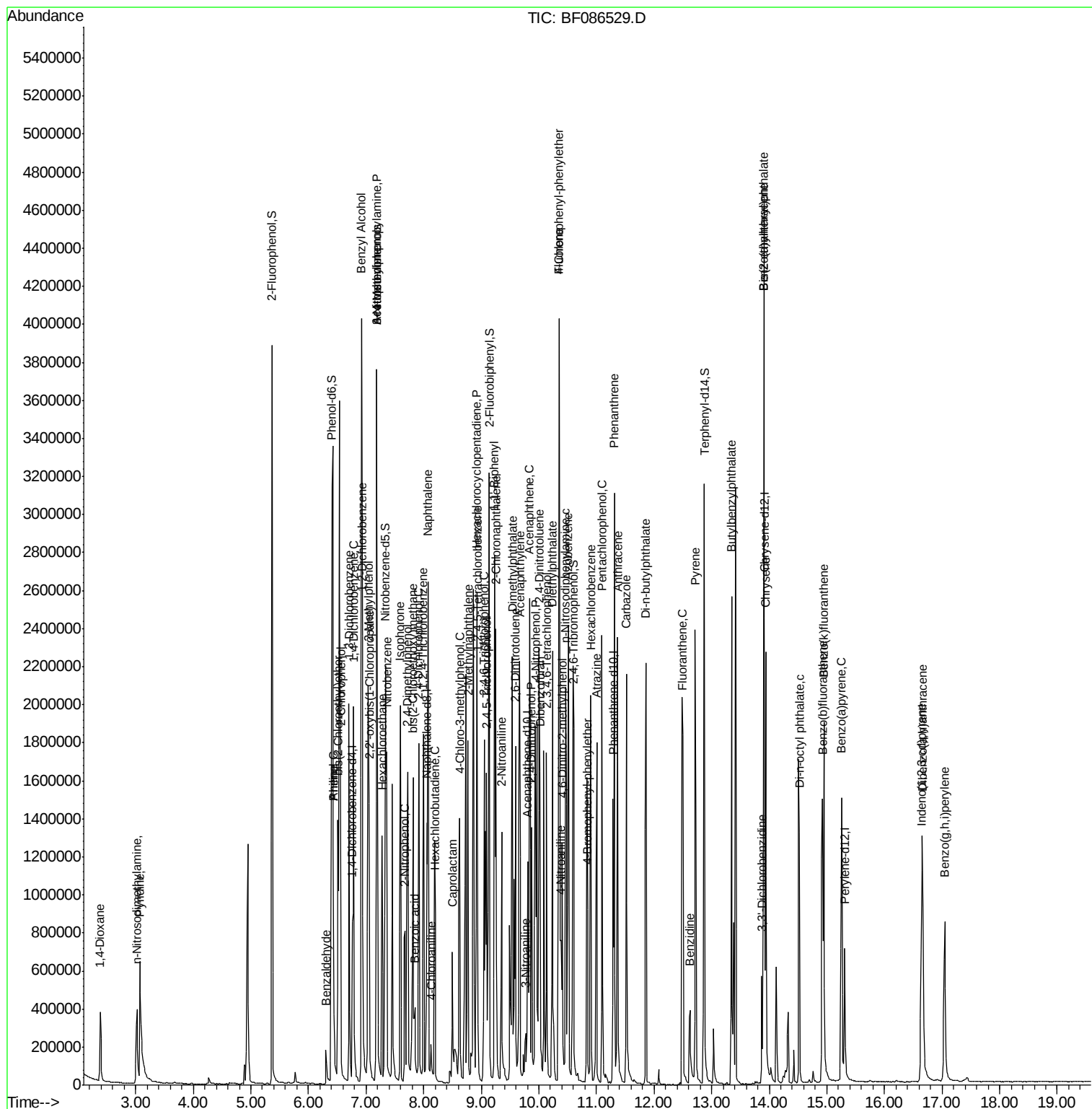
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\  
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Operator  : UM/SJ  
Sample    : PB90186BS  
Misc      :  
ALS Vial  : 18      Sample Multiplier: 1
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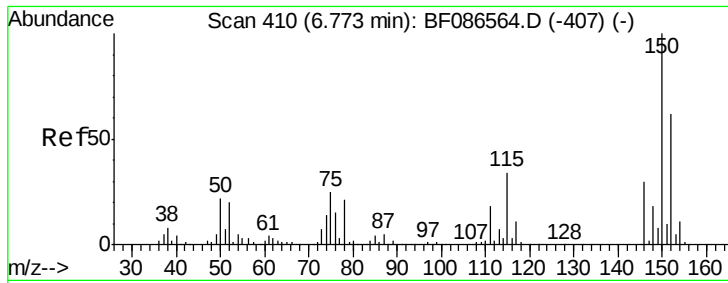
Instrument :
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ClientSampleId :
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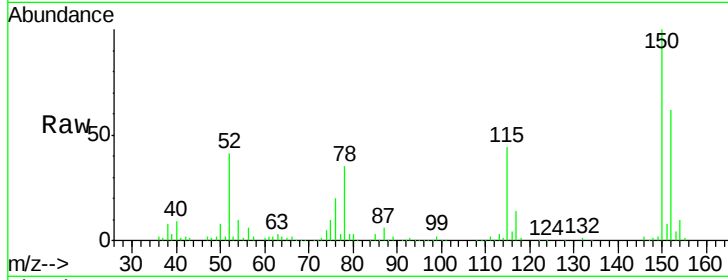




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

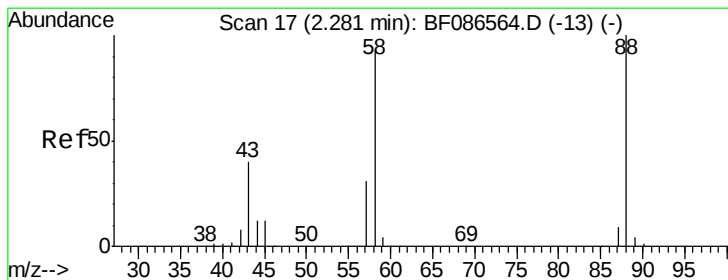
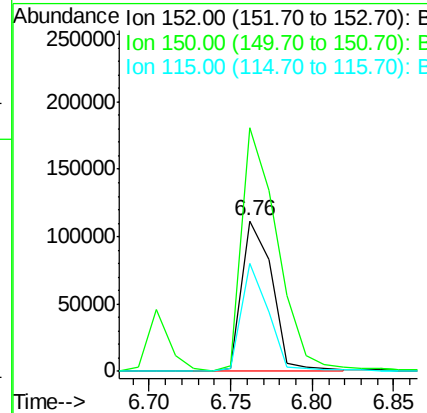
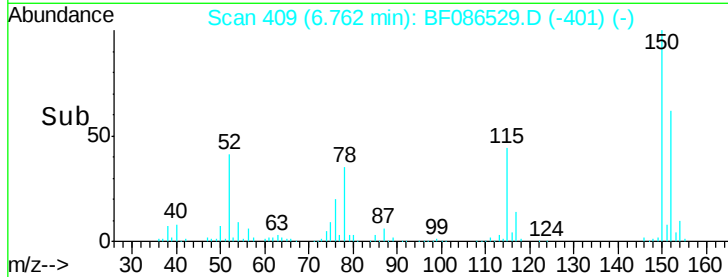
Instrument :
BNA_F
ClientSampleId :
PB90186BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.8	125.8	188.6
115	71.9	51.5	77.3

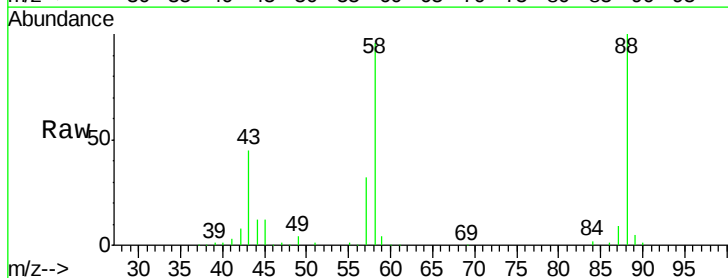
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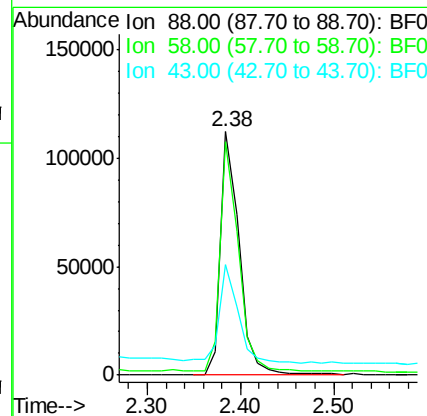
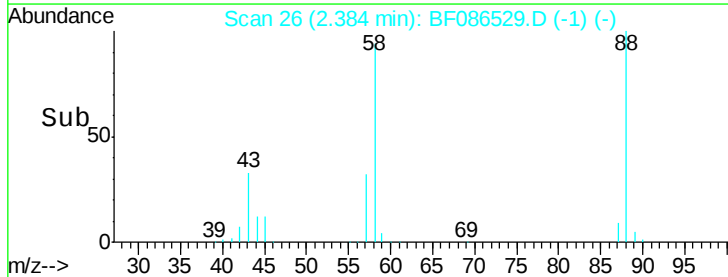


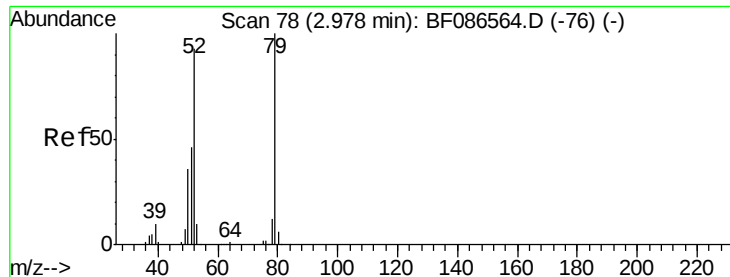
#2

1,4-Dioxane
Concen: 35.86 ng
RT: 2.38 min Scan# 26
Delta R.T. 0.09 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49



Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.7	59.6	89.4#
43	43.6	21.8	32.6#





#3

Pyridine

Concen: 43.94 ng

RT: 3.07 min Scan# 86

Delta R.T. 0.09 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

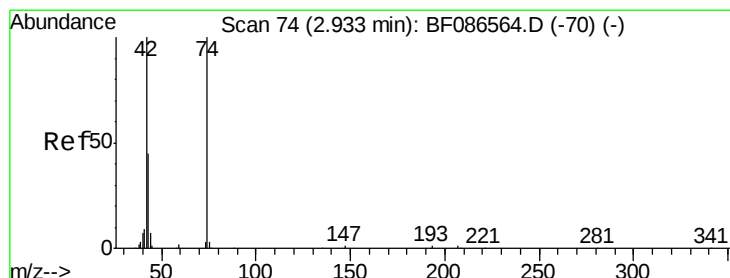
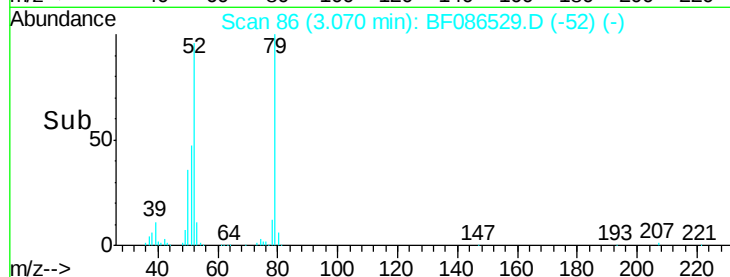
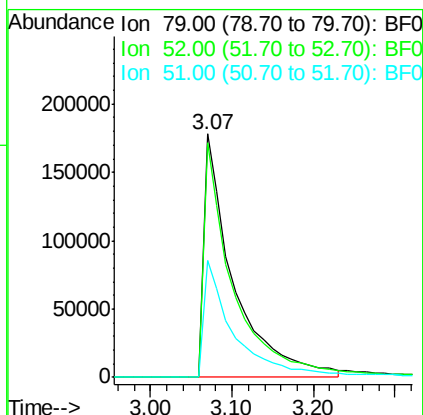
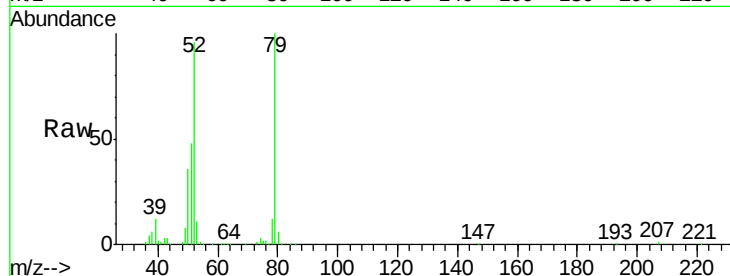
ClientSampleId :

PB90186BS

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Tgt Ion:	79	Resp:	454434
Ion Ratio	Lower	Upper	
79	100		
52	96.2	55.9	83.9#
51	47.9	28.1	42.1#



#4

n-Nitrosodimethylamine

Concen: 45.48 ng

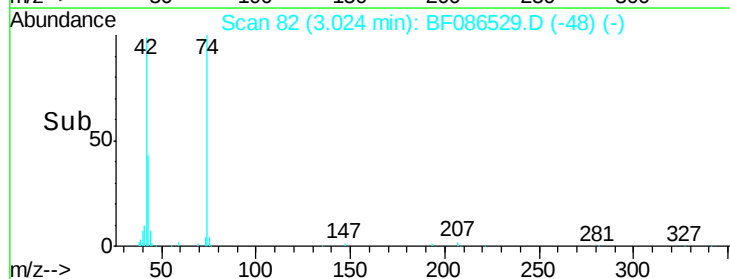
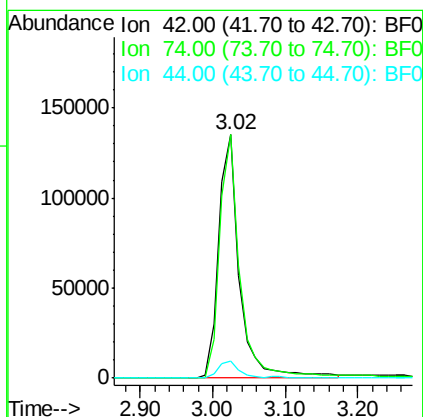
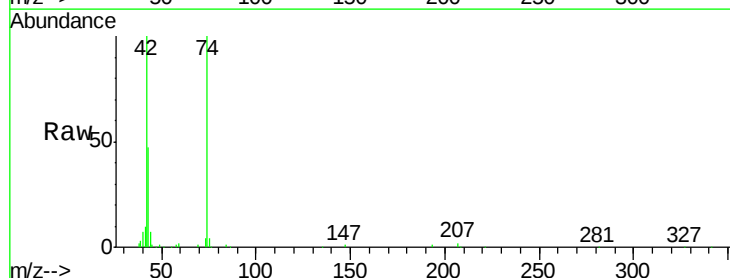
RT: 3.02 min Scan# 82

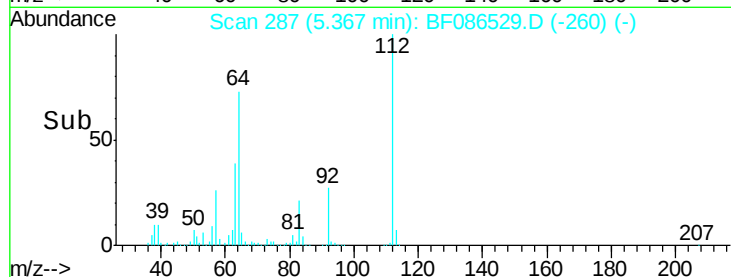
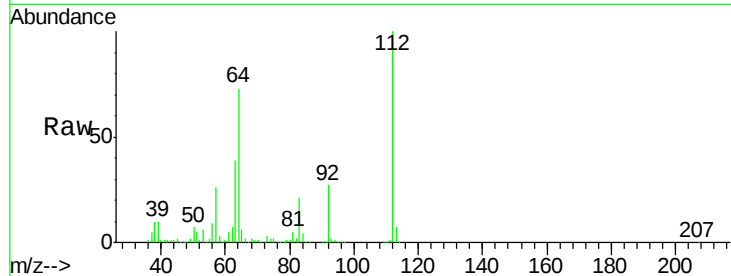
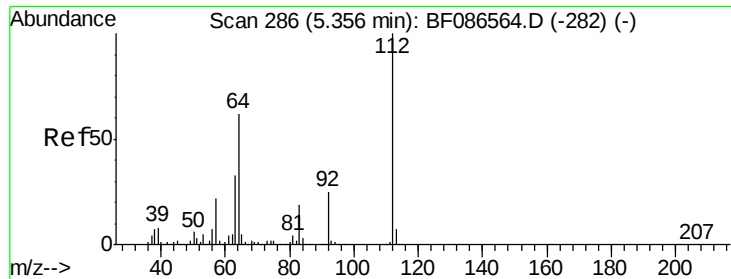
Delta R.T. 0.09 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Tgt Ion:	42	Resp:	268106
Ion Ratio	Lower	Upper	
42	100		
74	100.0	123.4	185.0#
44	7.2	5.8	8.6





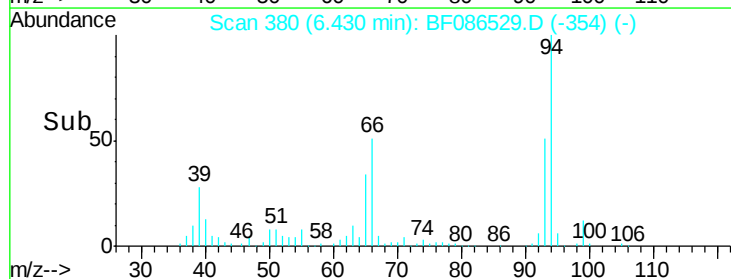
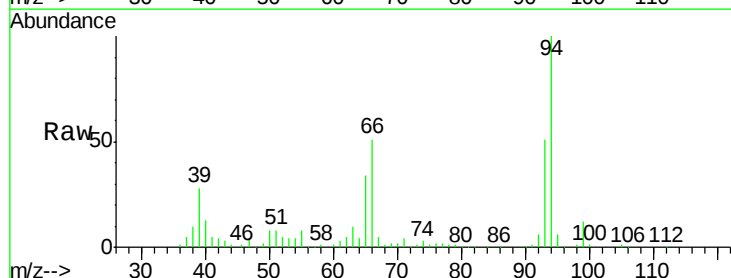
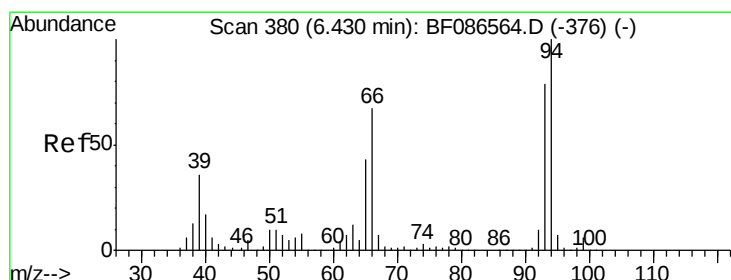
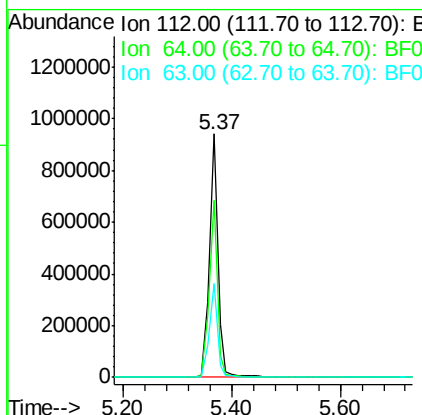
#5
2-Fluorophenol
Concen: 125.69 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion: 112 Resp: 1045632
Ion Ratio Lower Upper
112 100
64 72.7 52.1 78.1
63 38.8 25.7 38.5#

Instrument :
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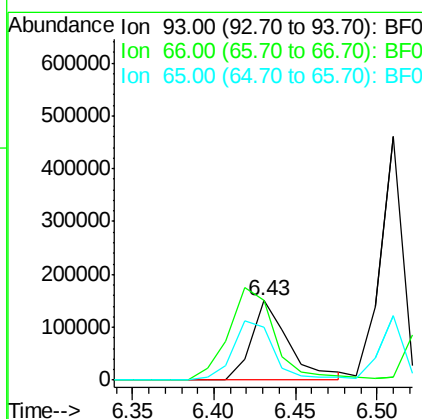
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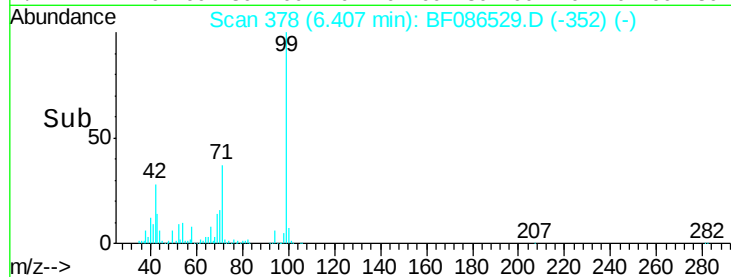
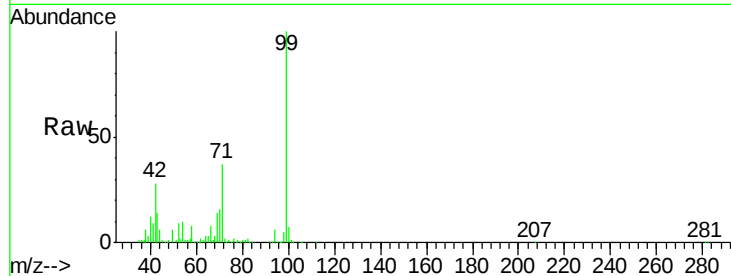
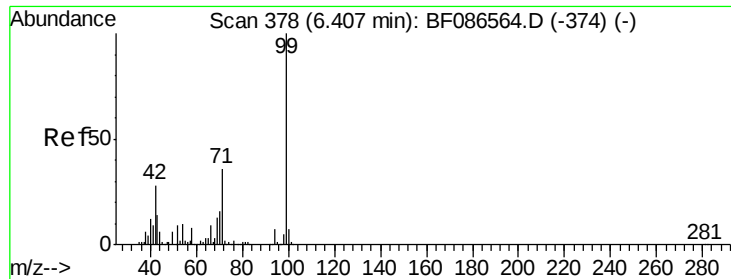
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#6
Aniline
Concen: 17.02 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion: 93 Resp: 239089
Ion Ratio Lower Upper
93 100
66 99.9 39.0 58.6#
65 66.3 20.6 31.0#





#7

Phenol-d6

Concen: 133.57 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Tgt Ion: 99 Resp: 1550943

Ion Ratio Lower Upper

99 100

42 27.8 13.6 20.4#

71 36.6 24.6 36.8

Instrument :

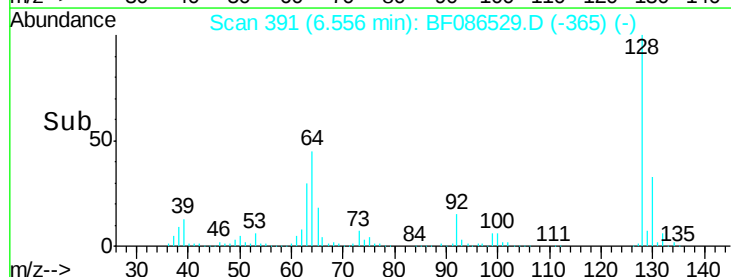
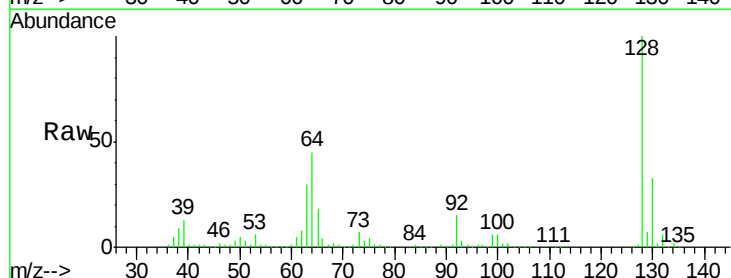
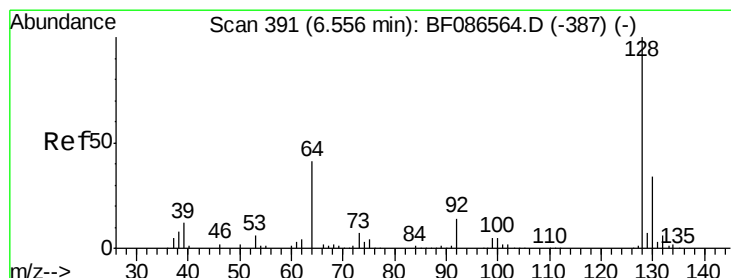
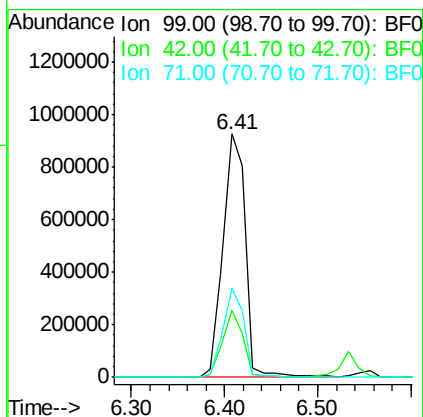
BNA_F

ClientSampleId :

PB90186BS

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#8

2-Chlorophenol

Concen: 41.76 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

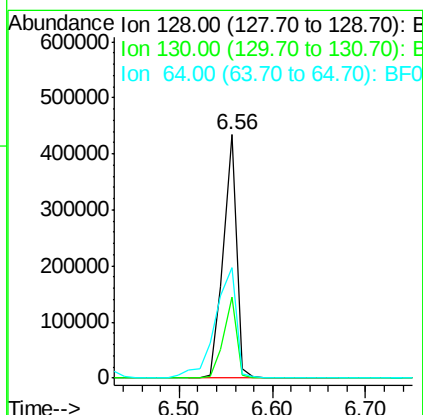
Tgt Ion: 128 Resp: 432663

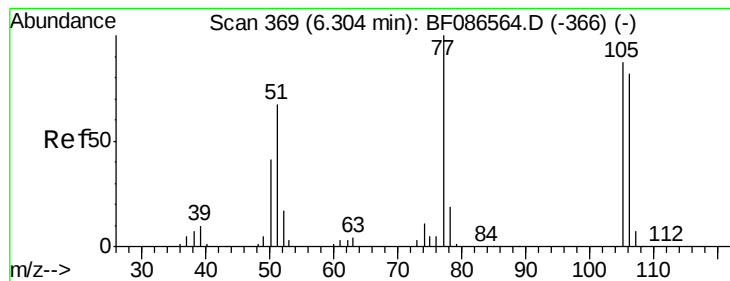
Ion Ratio Lower Upper

128 100

130 33.4 12.5 52.5

64 45.1 27.3 67.3





#9

Benzaldehyde

Concen: 9.01 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086529.D

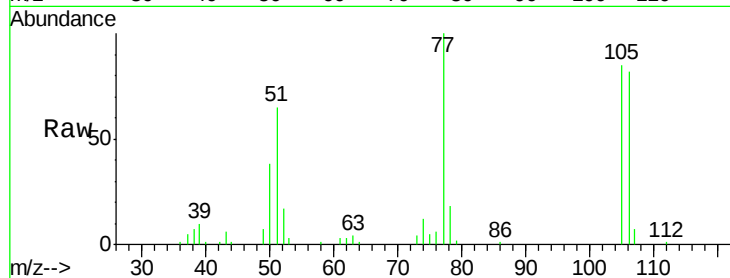
Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

PB90186BS



Tgt Ion: 77 Resp: 60866

Ion Ratio Lower Upper

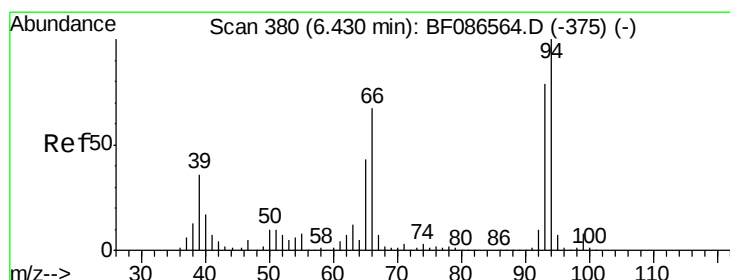
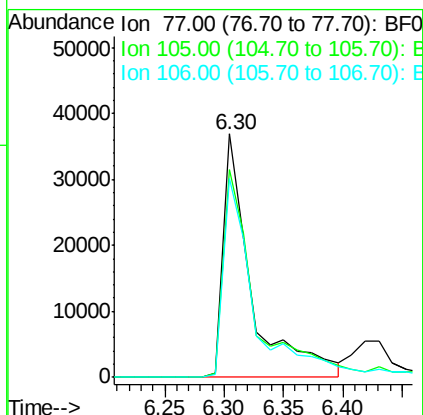
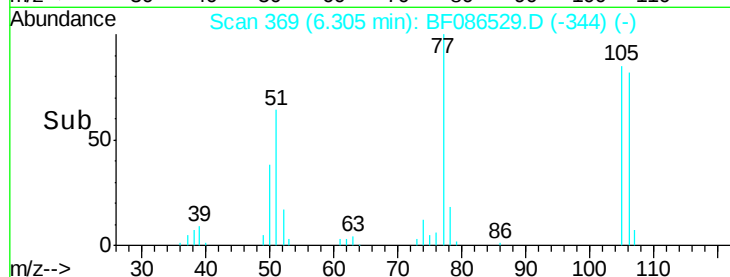
77 100

105 85.4 72.7 112.7

106 81.9 70.8 110.8

Manual Integrations
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#10

Phenol

Concen: 35.93 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

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Acq: 30 Apr 2016 17:49

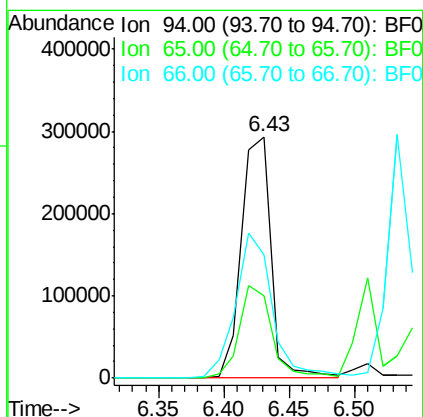
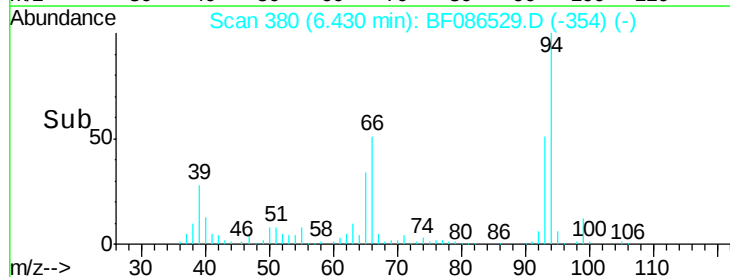
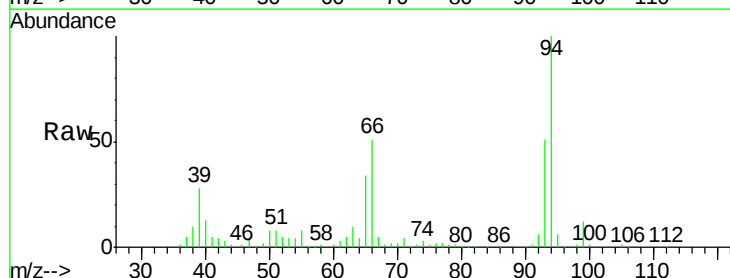
Tgt Ion: 94 Resp: 465389

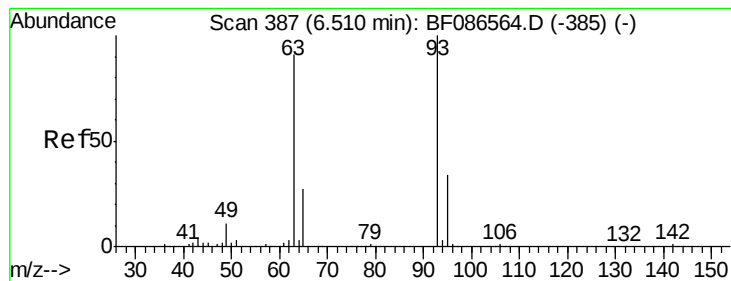
Ion Ratio Lower Upper

94 100

65 34.0 7.2 47.2

66 51.3 14.9 54.9





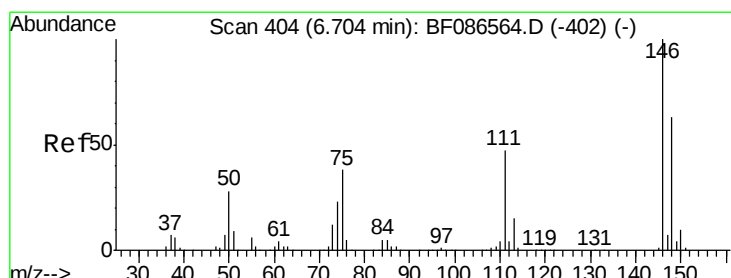
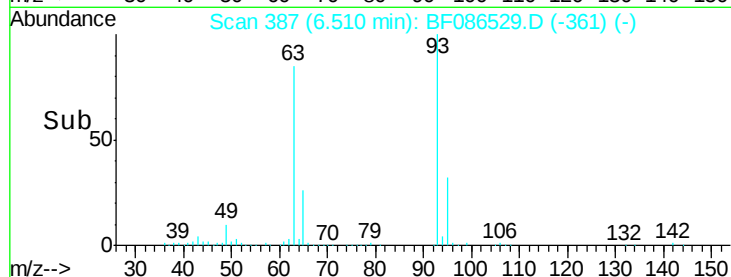
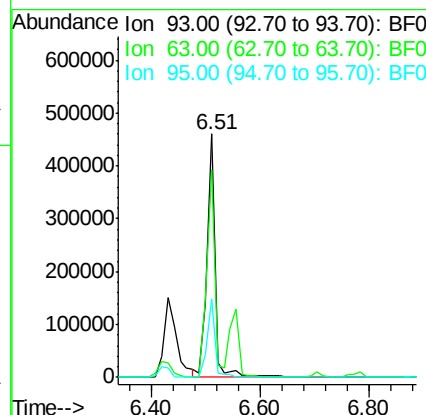
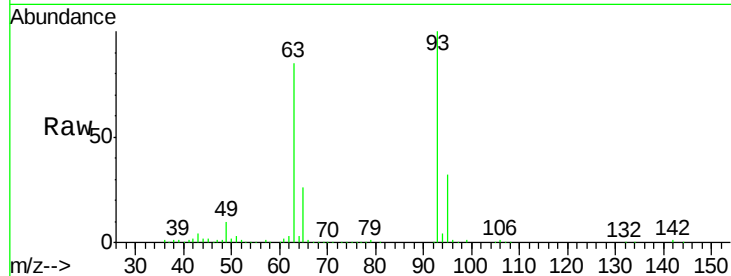
#11
bis(2-Chloroethyl)ether
Concen: 41.79 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	85.4	58.0	98.0
95	32.4	11.9	51.9

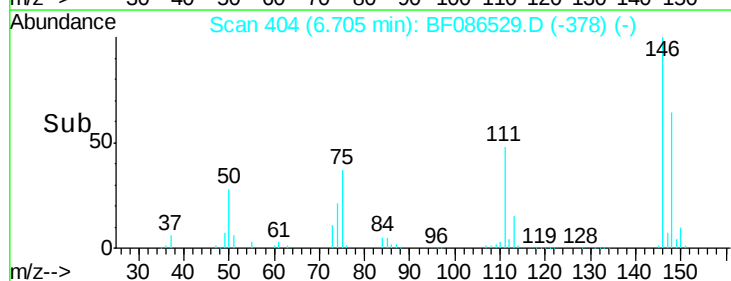
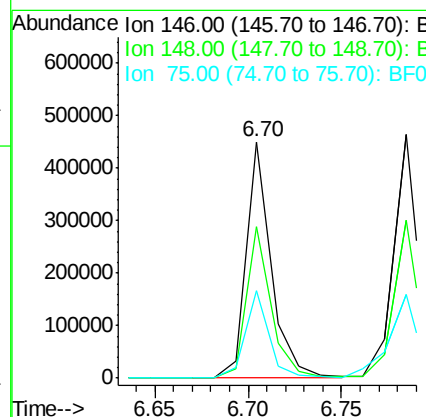
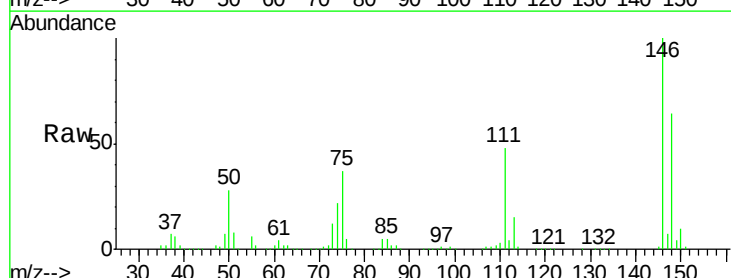
Manual Integrations
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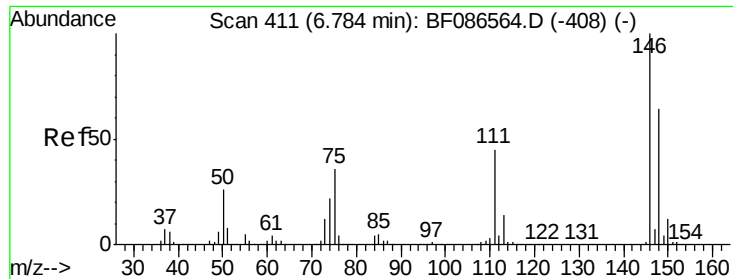
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#12
1,3-Dichlorobenzene
Concen: 37.99 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.9	52.4	78.6
75	36.9	22.8	34.2





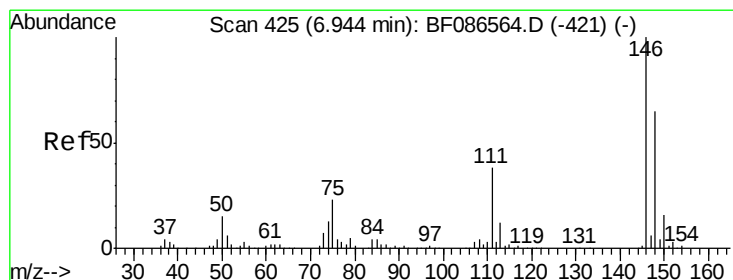
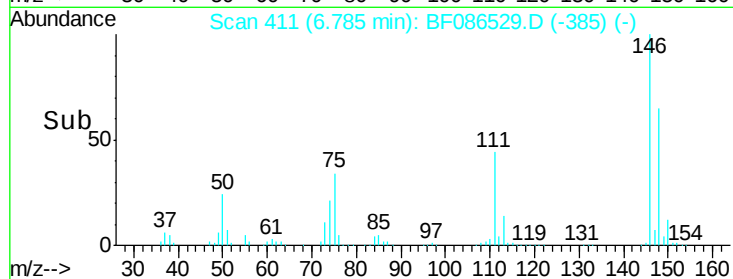
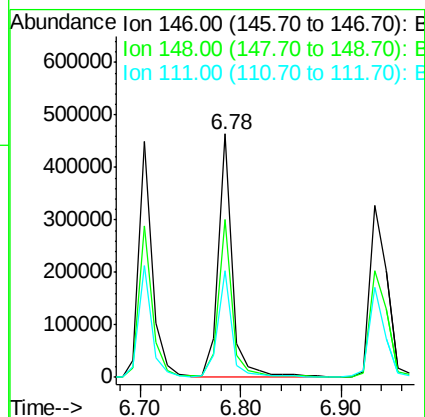
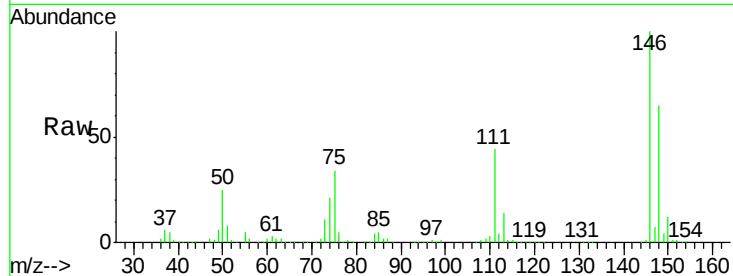
#13
 1,4-Dichlorobenzene
 Concen: 39.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	448534		
148	65.1	52.2	78.4	
111	43.9	30.7	46.1	

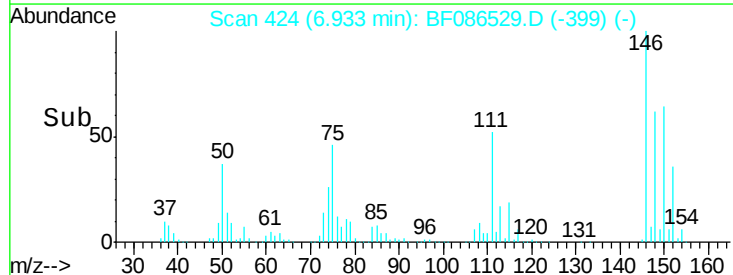
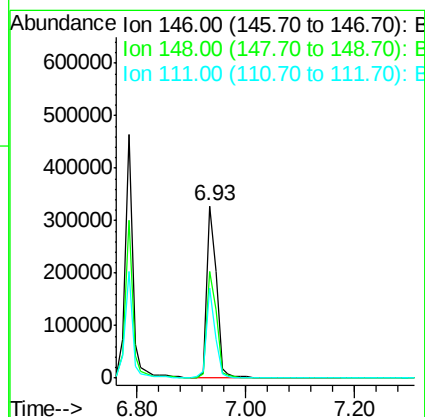
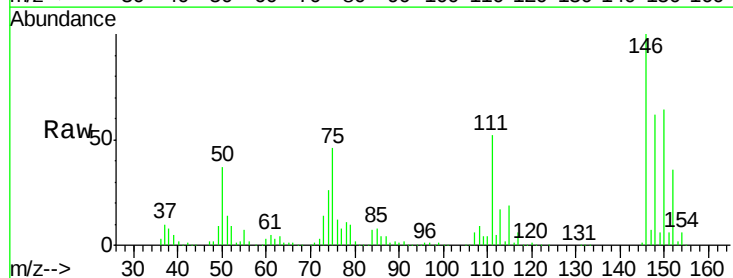
Manual Integrations
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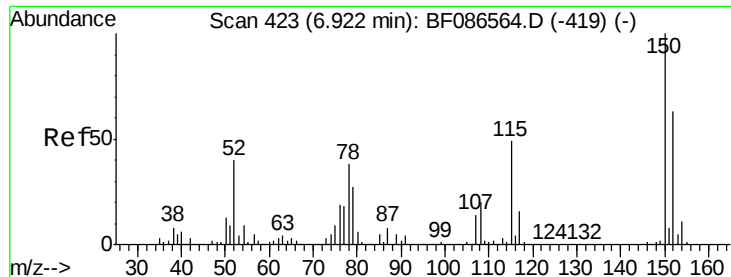
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#14
 1,2-Dichlorobenzene
 Concen: 38.11 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	401958		
148	62.1	51.0	76.6	
111	52.0	36.2	54.4	





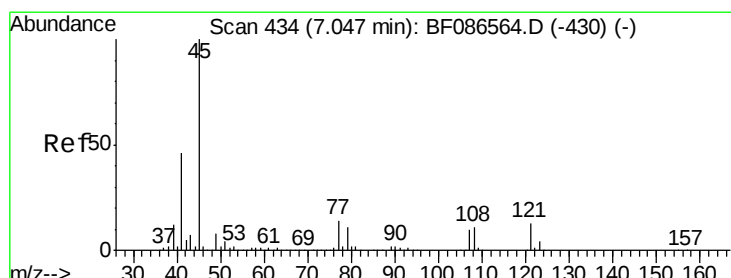
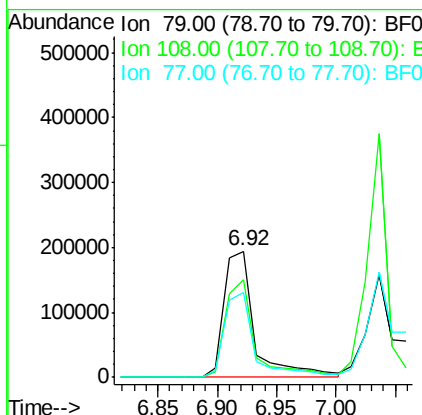
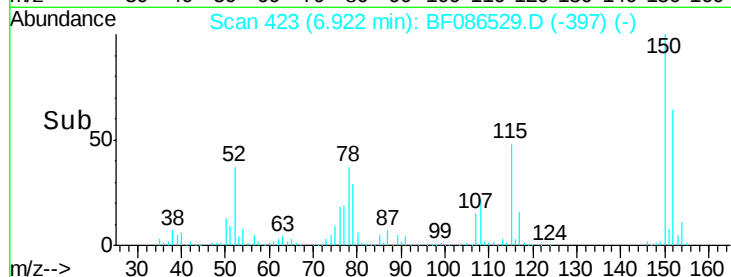
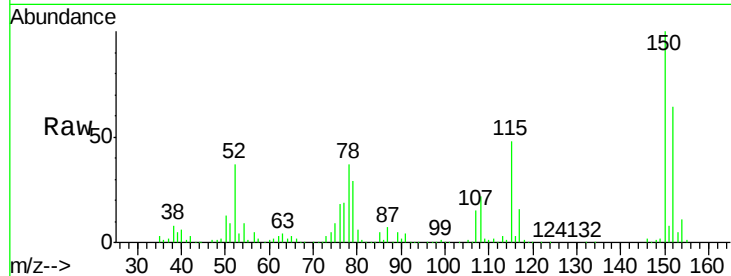
#15
Benzyl Alcohol
Concen: 47.44 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

Tgt Ion: 79 Resp: 348433
Ion Ratio Lower Upper
79 100
108 77.5 68.4 102.6
77 66.9 50.6 76.0

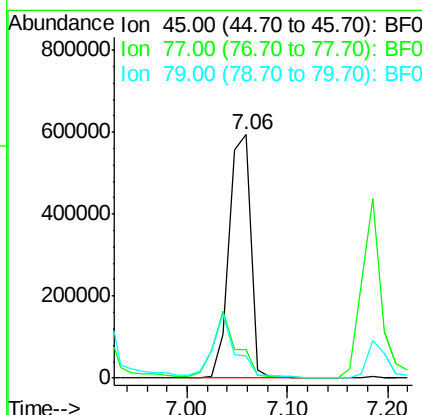
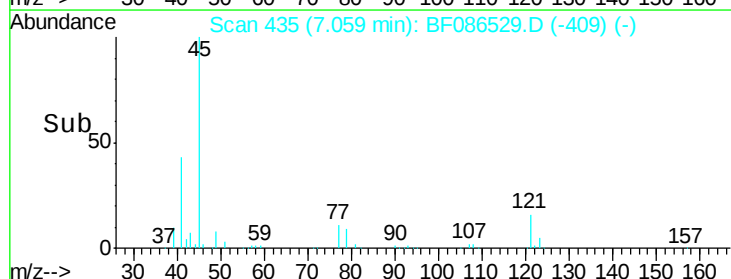
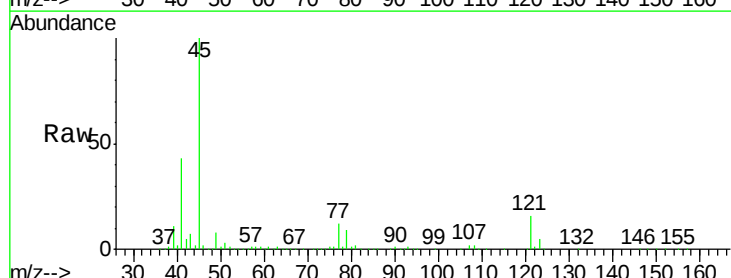
Manual Integrations
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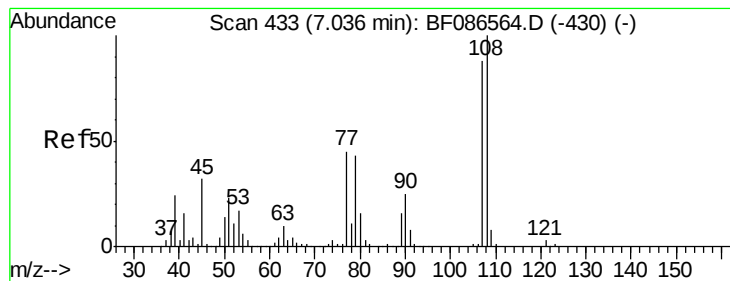
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.65 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion: 45 Resp: 888744
Ion Ratio Lower Upper
45 100
77 11.6 0.0 36.4
79 9.4 0.0 33.4





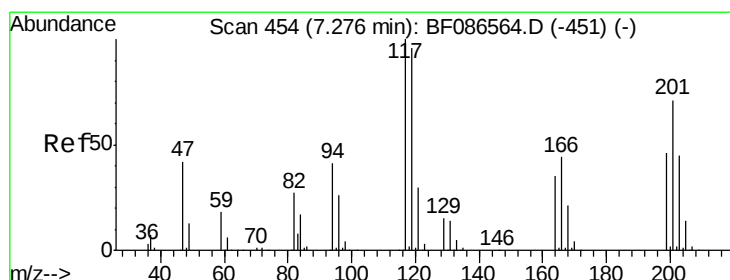
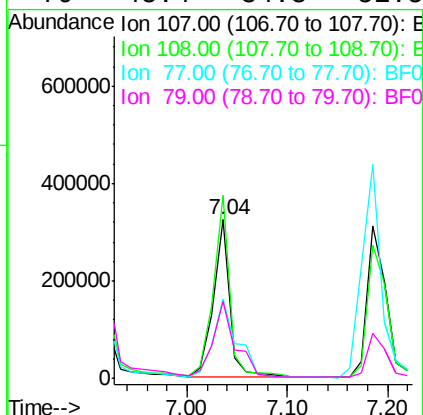
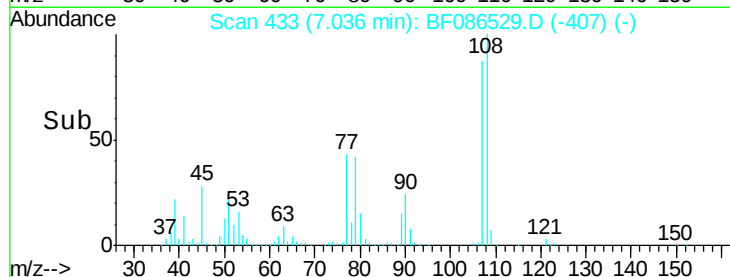
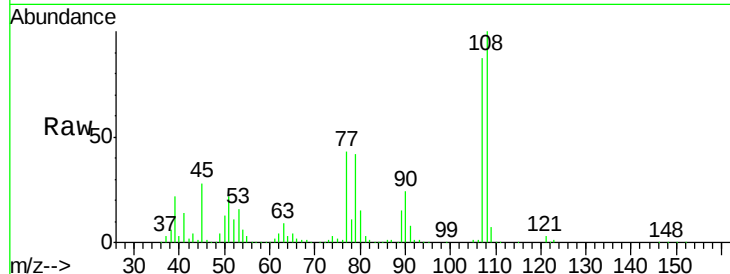
#17
2-Methylphenol
Concen: 44.47 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	372441		
108	115.2	93.7	140.5	
77	49.9	33.4	50.0	
79	48.4	34.3	51.5	

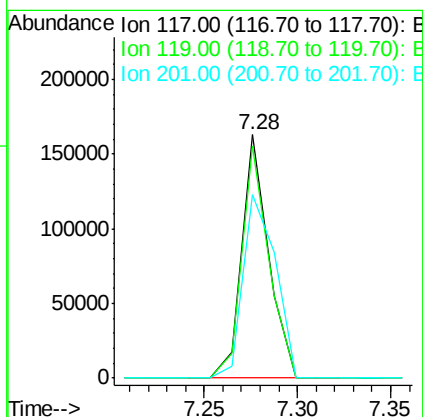
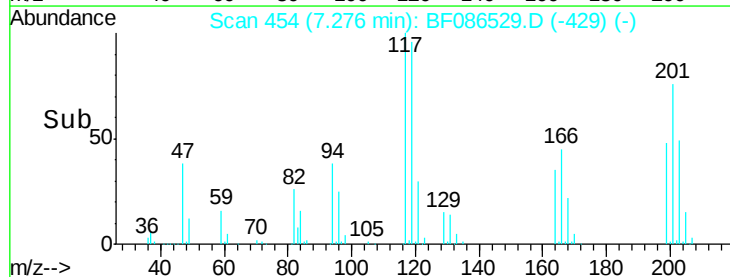
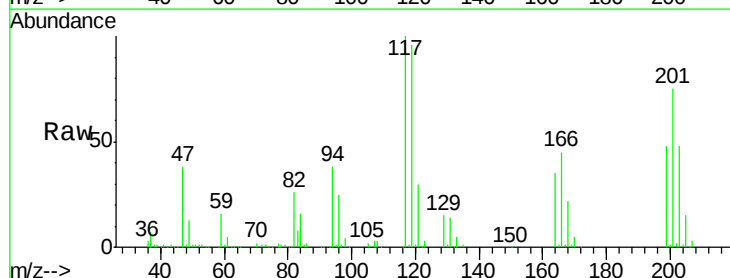
Manual Integrations
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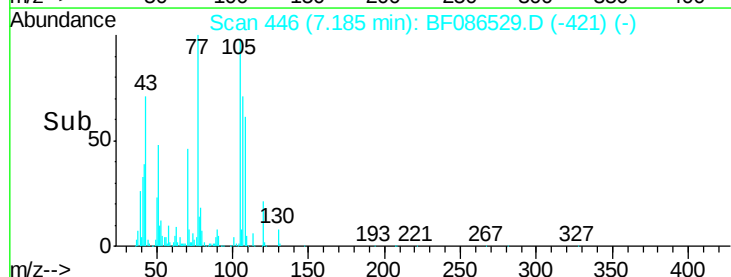
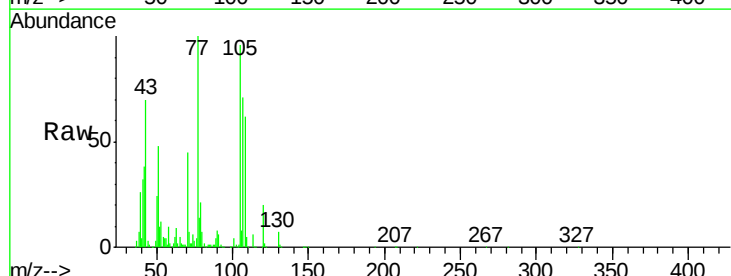
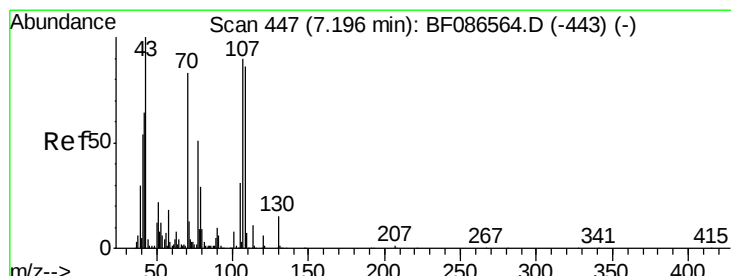
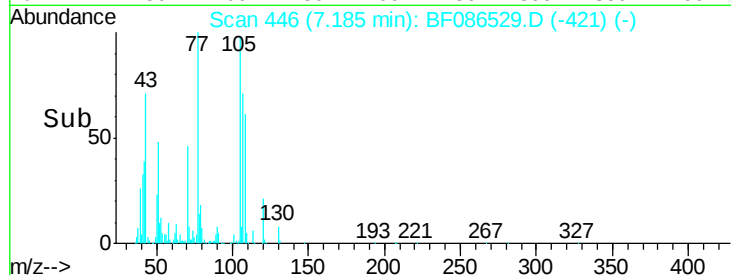
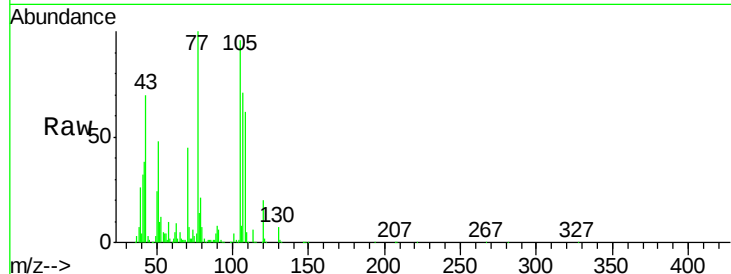
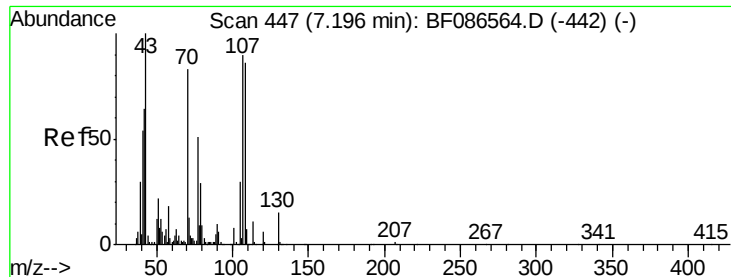
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#18
Hexachloroethane
Concen: 37.70 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	161997		
119	95.5	76.5	114.7	
201	75.4	63.0	94.6	





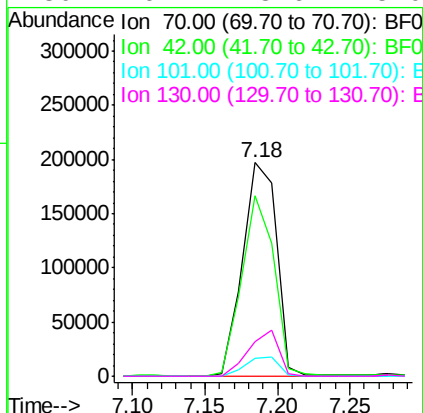
#19
n-Nitroso-di-n-propylamine
Concen: 41.91 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	84.6	43.1	64.7#
101	8.5	8.1	12.1
130	16.4	18.6	28.0#

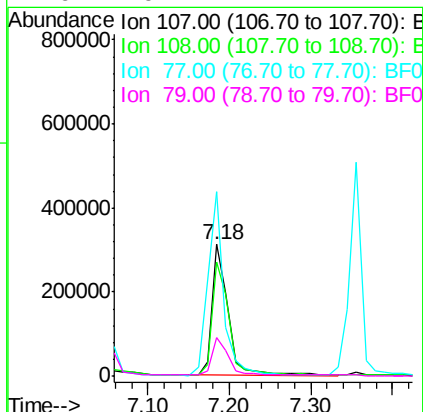
Manual Integrations
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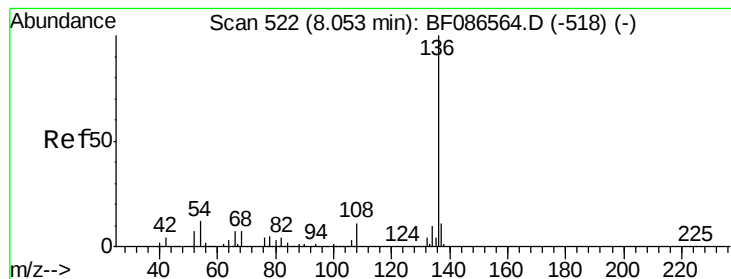
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#20
3+4-Methylphenols
Concen: 44.98 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	87.2	68.5	108.5
77	140.2	101.6	141.6
79	29.4	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: BF086529.D

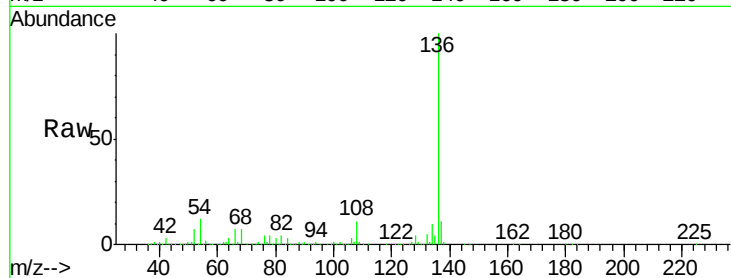
Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

PB90186BS



Tgt Ion:136 Resp: 623771

Ion Ratio Lower Upper

136 100

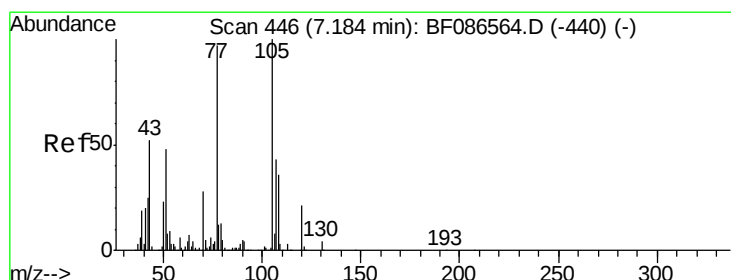
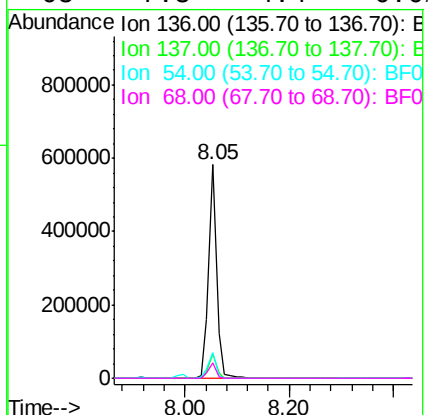
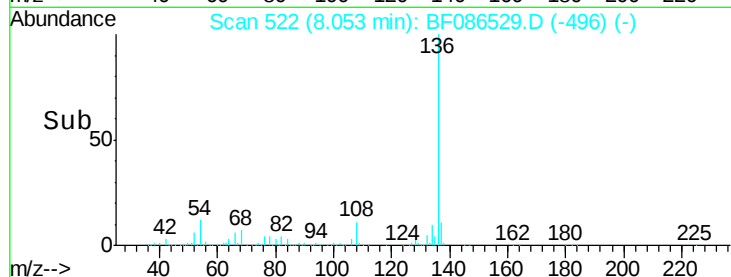
137 11.1 8.8 13.2

54 12.2 5.0 7.4#

68 7.3 4.4 6.6#

Manual Integrations
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#22

Acetophenone

Concen: 43.08 ng

RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Tgt Ion:105 Resp: 589296

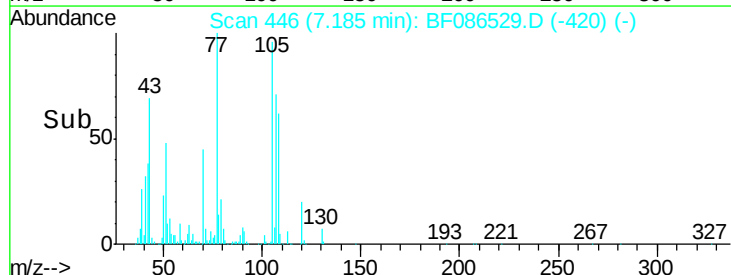
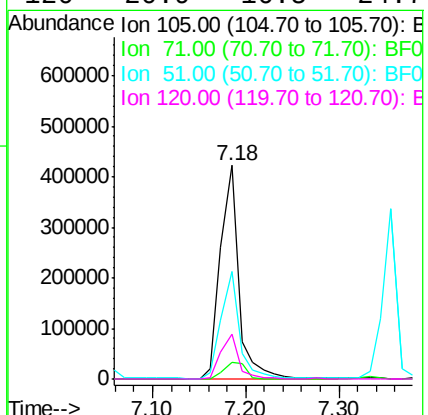
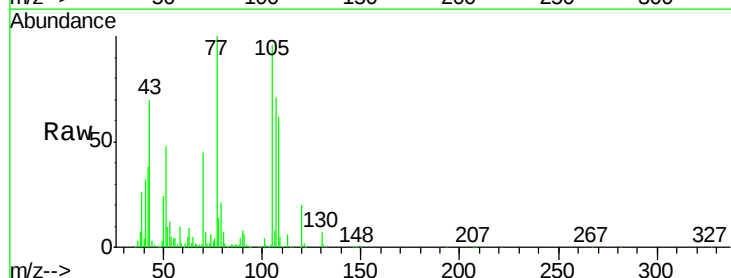
Ion Ratio Lower Upper

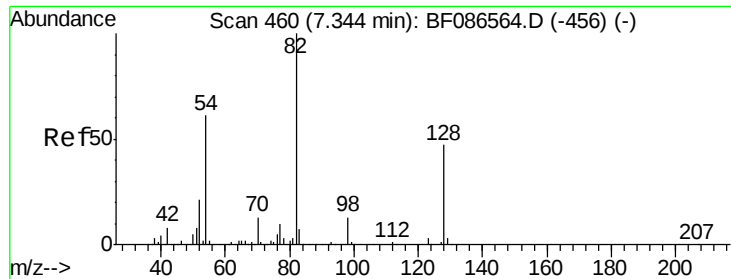
105 100

71 7.7 4.8 7.2#

51 50.1 32.6 49.0#

120 20.9 16.5 24.7





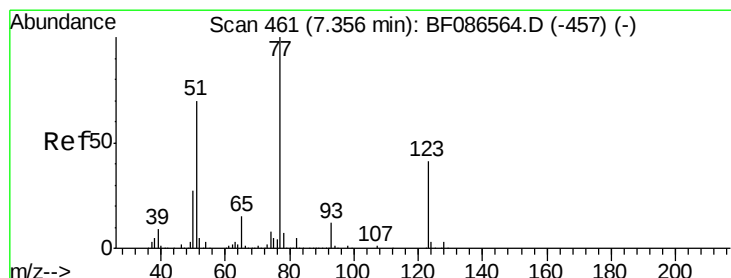
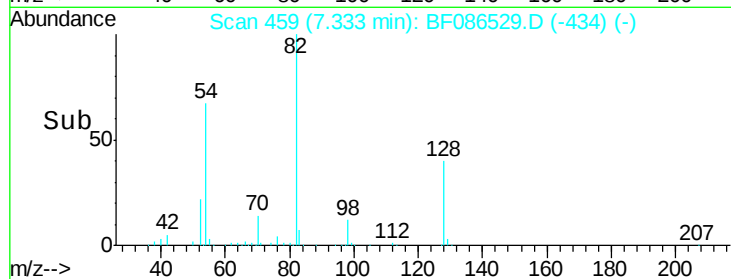
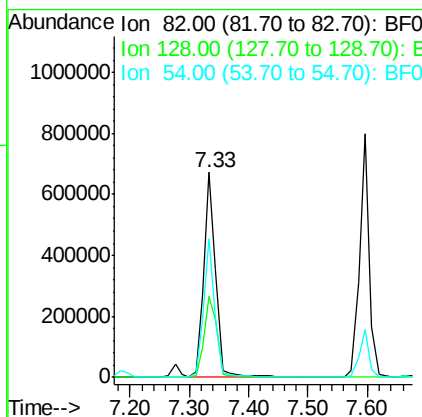
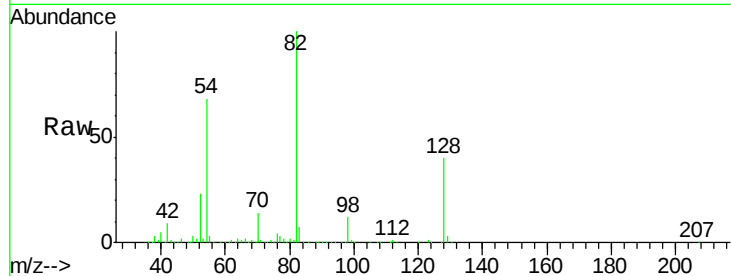
#23
 Nitrobenzene-d5
 Concen: 83.63 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	967830		
128	39.5	40.6	61.0#	
54	67.7	38.1	57.1#	

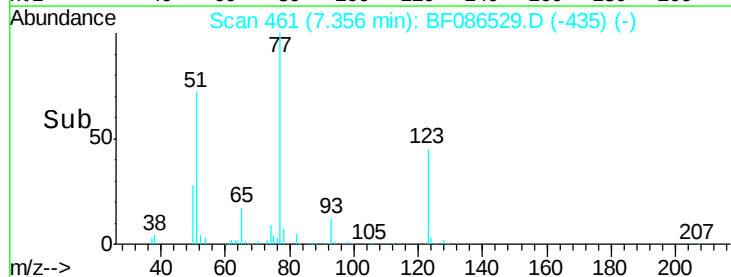
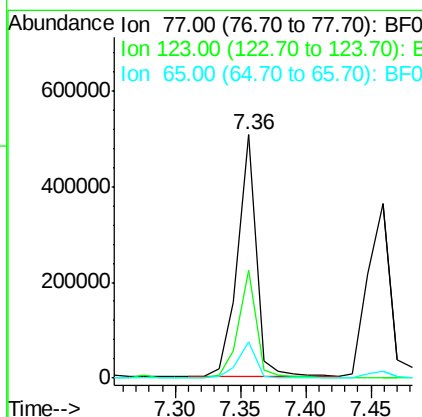
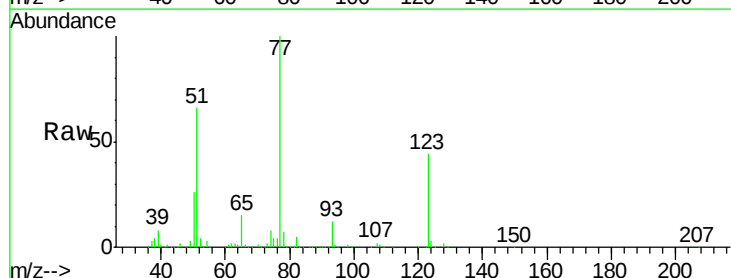
Manual Integrations
 APPROVED

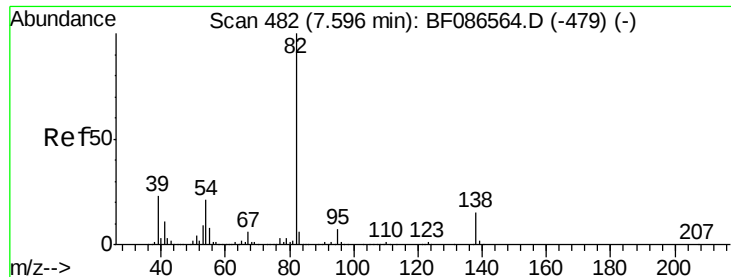
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#24
 Nitrobenzene
 Concen: 42.41 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	504920		
123	44.3	33.0	49.4	
65	14.7	10.8	16.2	





#25

Isophorone

Concen: 40.12 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

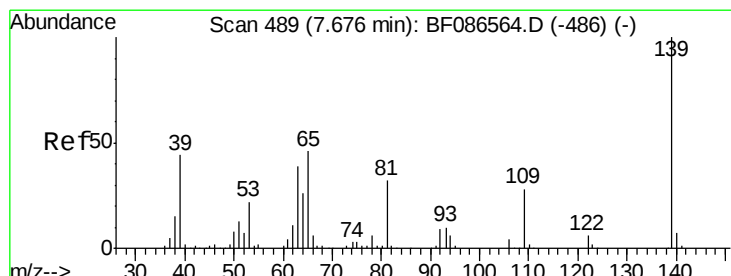
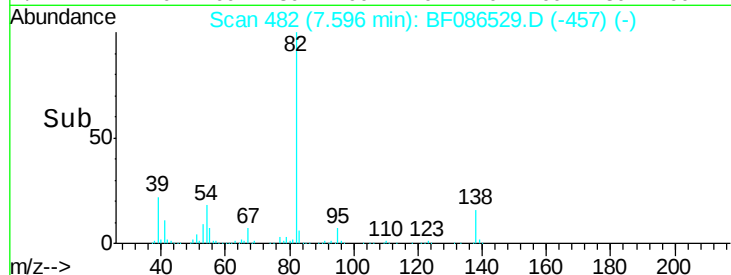
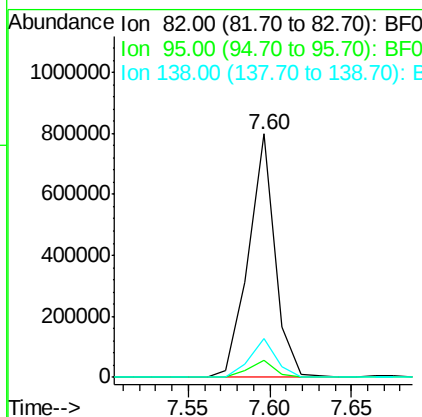
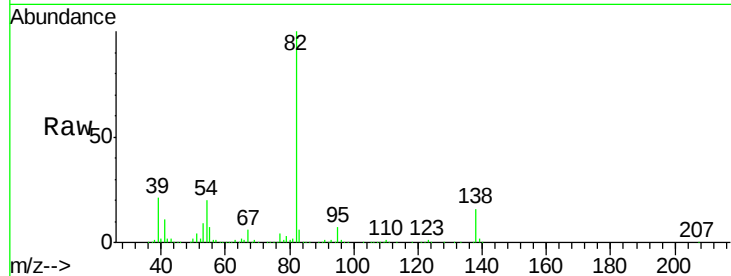
ClientSampled :

PB90186BS

Tgt Ion:	82	Resp:	893501
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.1	7.7
138	16.0	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.60 ng

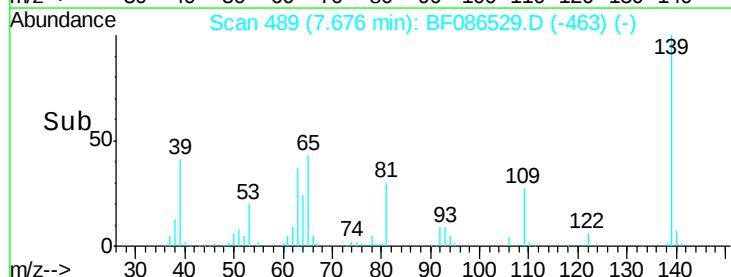
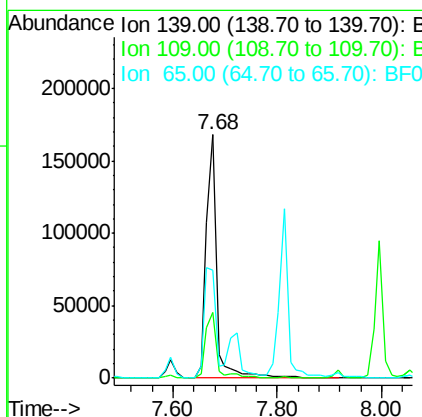
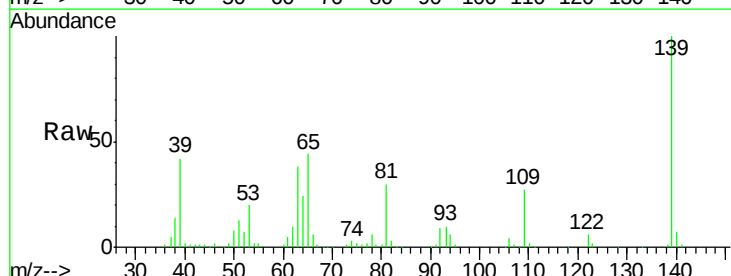
RT: 7.68 min Scan# 489

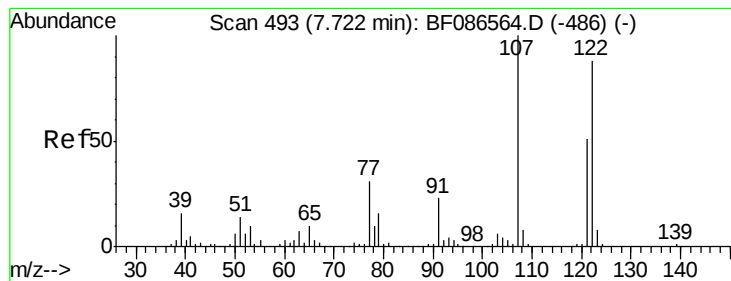
Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Tgt Ion:	139	Resp:	233487
Ion Ratio	Lower	Upper	
139	100		
109	27.0	19.5	29.3
65	44.1	37.5	56.3





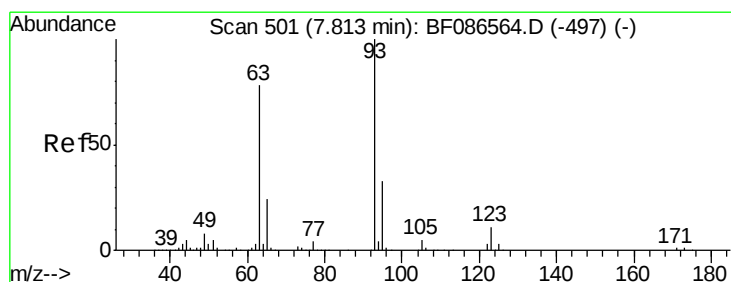
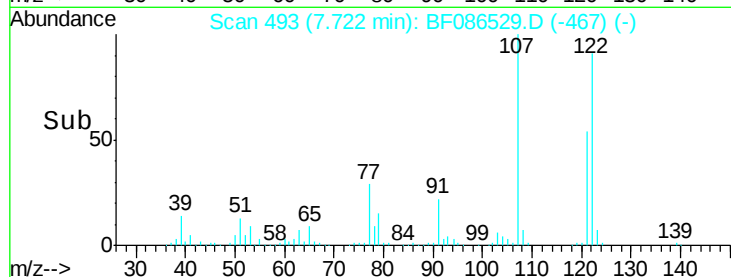
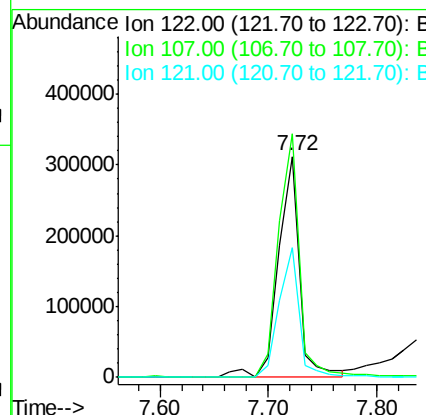
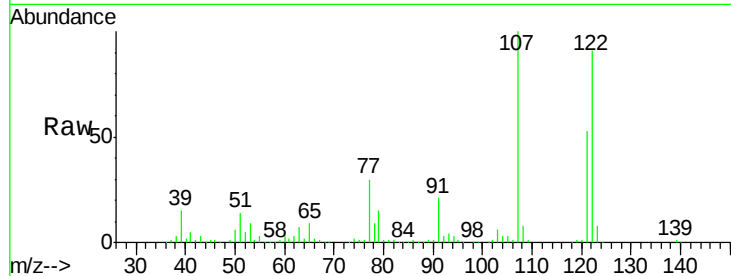
#27
 2,4-Dimethylphenol
 Concen: 43.76 ng
 RT: 7.72 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	420879		
107	110.1	82.0	123.0	
121	58.7	46.1	69.1	

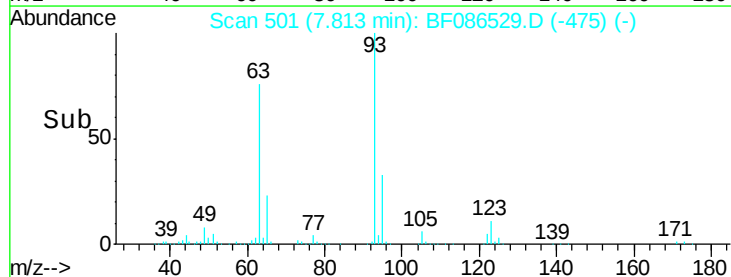
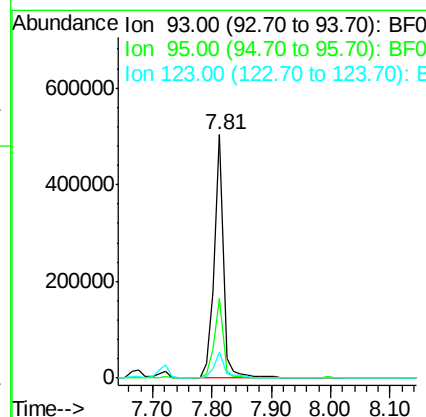
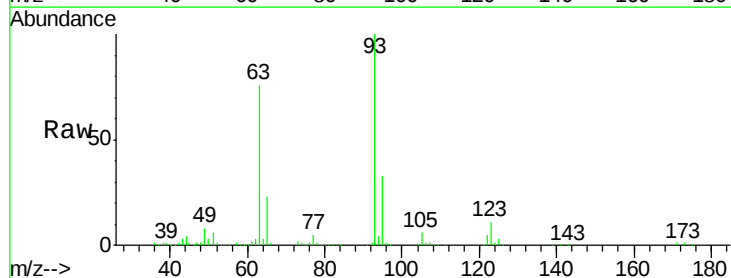
Manual Integrations
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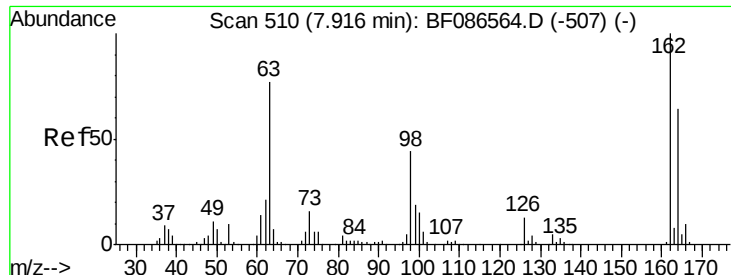
sohil
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.26 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	549113		
95	32.9	26.0	39.0	
123	10.8	9.5	14.3	





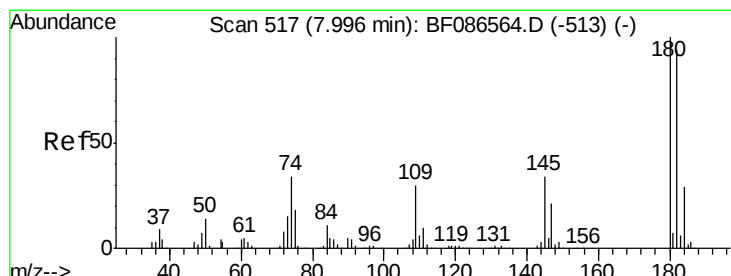
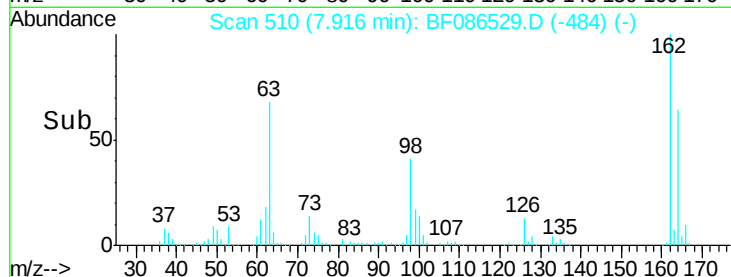
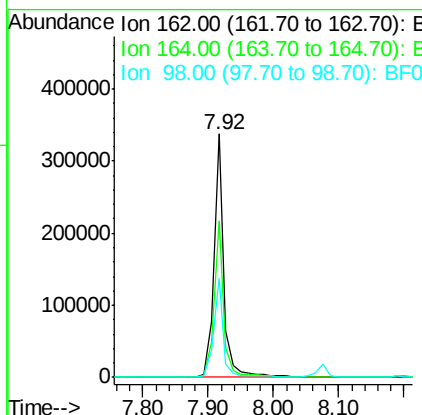
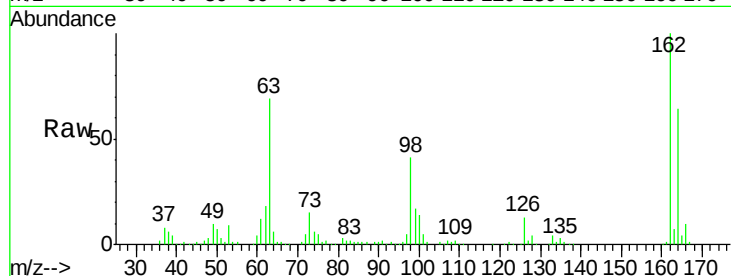
#29
2,4-Dichlorophenol
Concen: 45.10 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	365933		
164	64.3	42.2	82.2	
98	40.8	19.0	59.0	

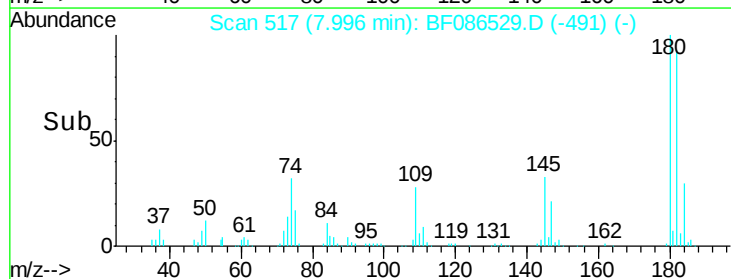
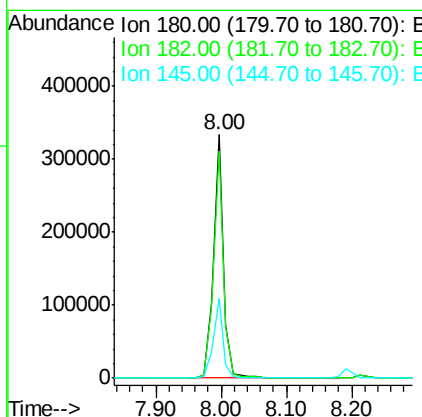
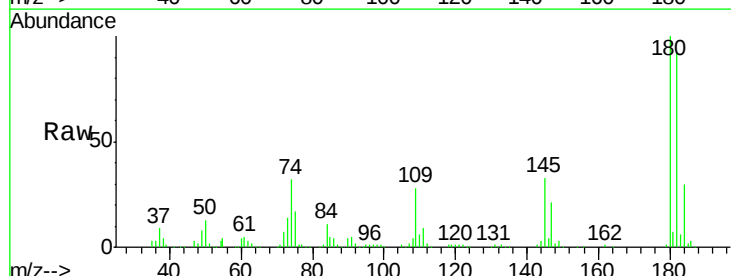
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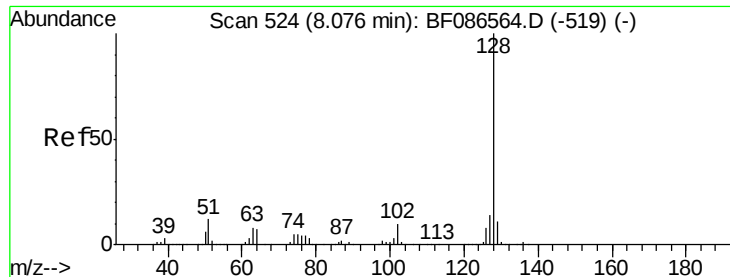
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#30
1,2,4-Trichlorobenzene
Concen: 38.79 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	365106		
182	93.4	78.0	117.0	
145	32.8	24.2	36.2	





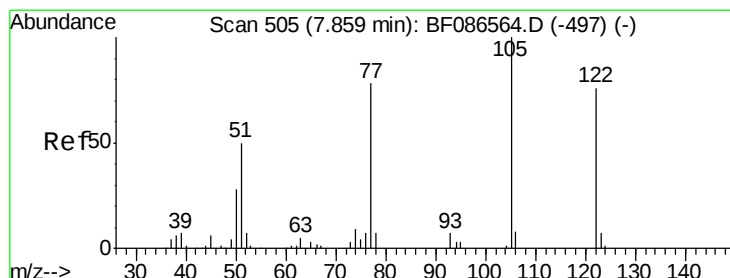
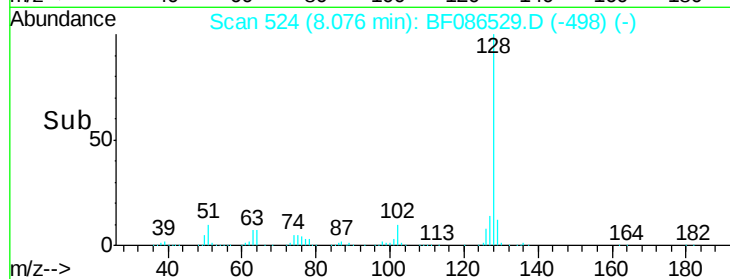
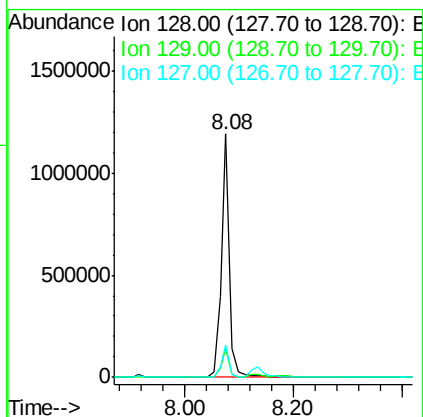
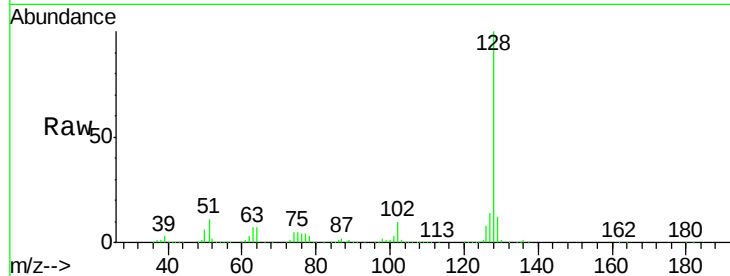
#31
Naphthalene
Concen: 39.89 ng
RT: 8.08 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.5	10.8	16.2

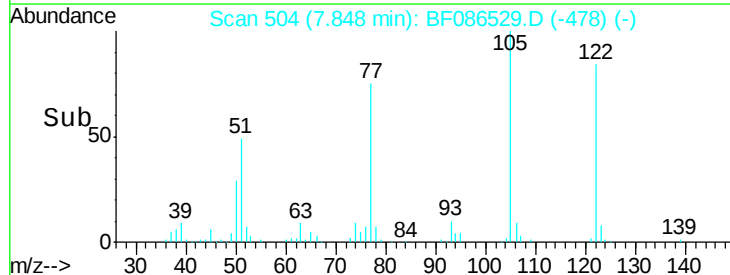
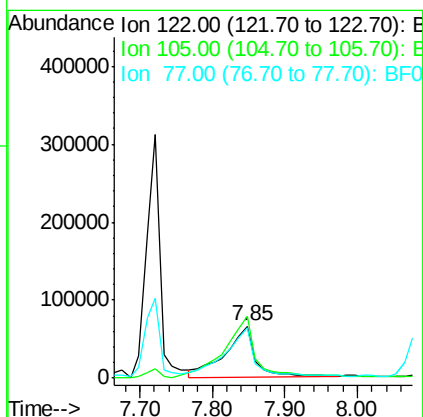
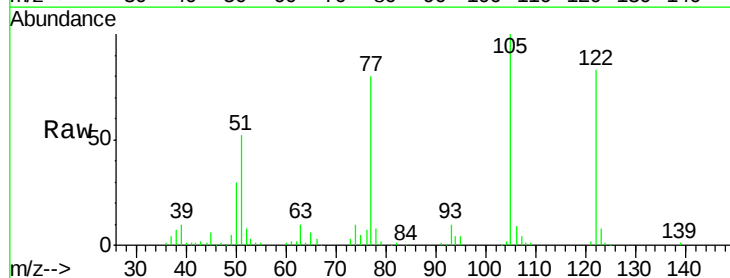
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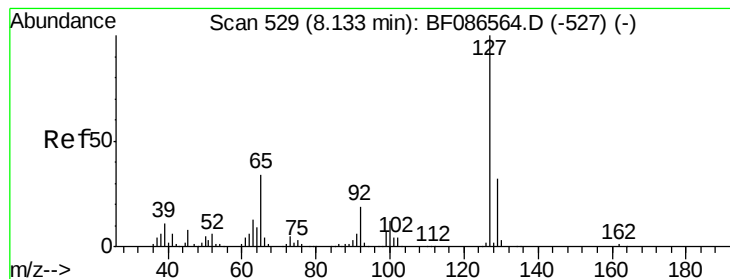
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#32
Benzoic acid
Concen: 34.55 ng
RT: 7.85 min Scan# 504
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.6	92.6	132.6
77	96.8	60.0	100.0





#33

4-Chloroaniline

Concen: 8.44 ng

RT: 8.13 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF086529.D

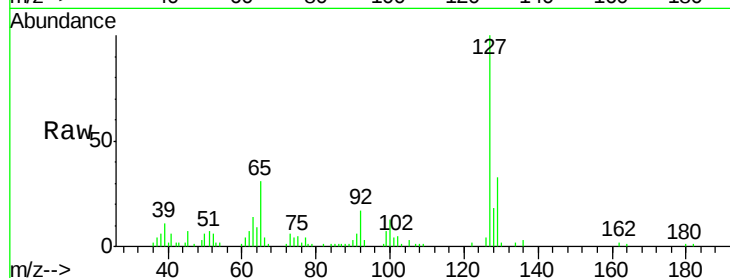
Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampled :

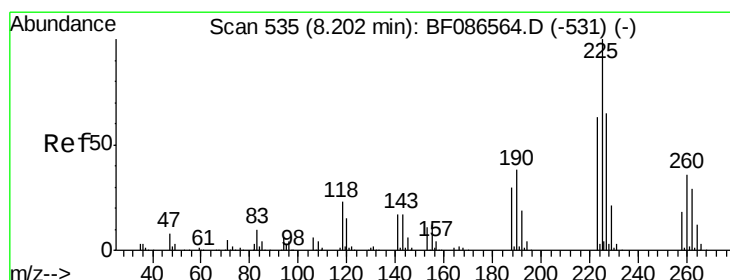
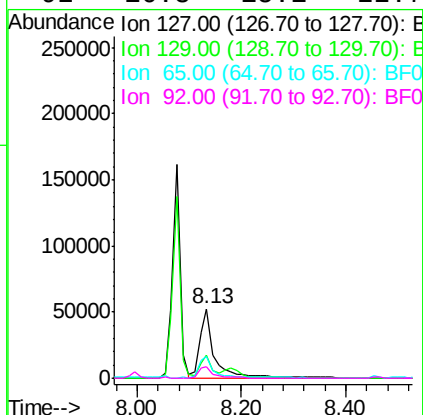
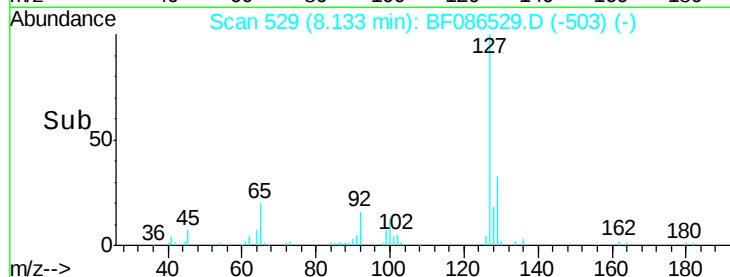
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Tgt Ion	Ratio	Resp	Lower	Upper
127	100	100370		
129	32.9	26.2	39.4	
65	30.6	23.0	34.4	
92	16.8	15.1	22.7	

Manual Integrations
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#34

Hexachlorobutadiene

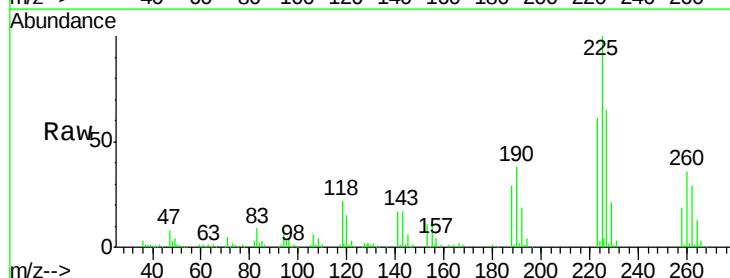
Concen: 37.02 ng

RT: 8.20 min Scan# 535

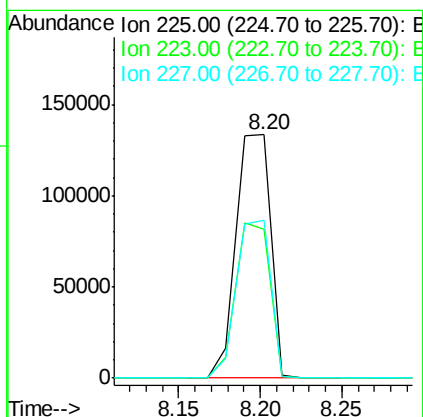
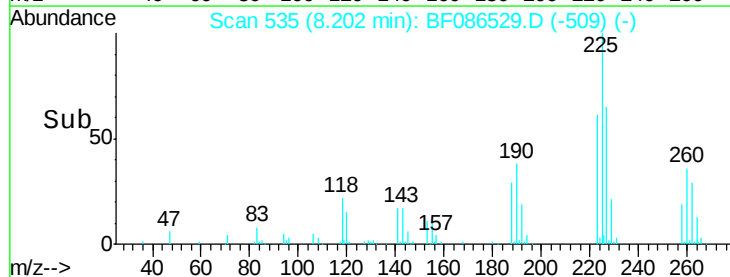
Delta R.T. 0.00 min

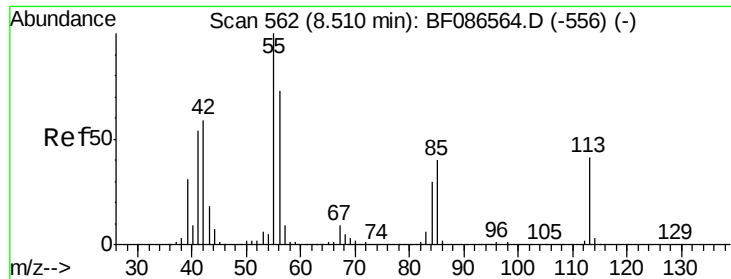
Lab File: BF086529.D

Acq: 30 Apr 2016 17:49



Tgt Ion	Ratio	Resp	Lower	Upper
225	100	195327		
223	61.0	51.5	77.3	
227	65.0	52.2	78.2	





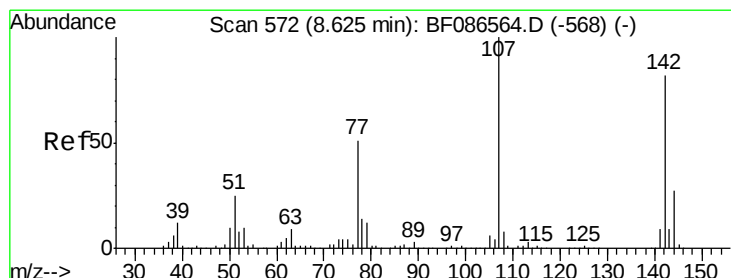
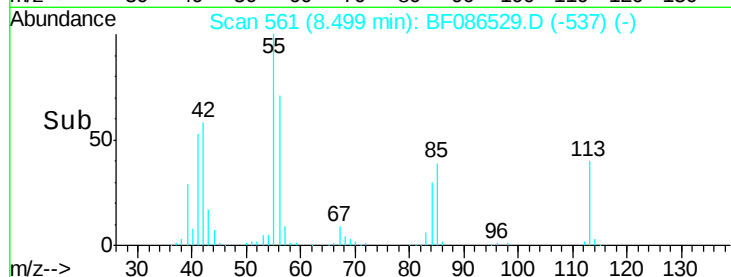
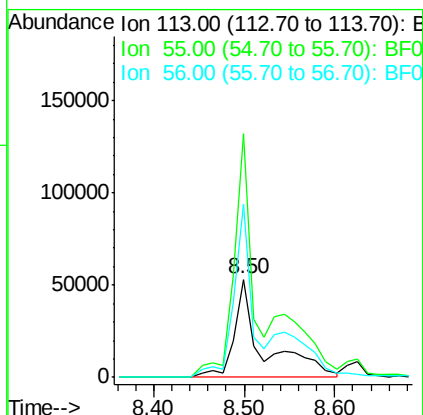
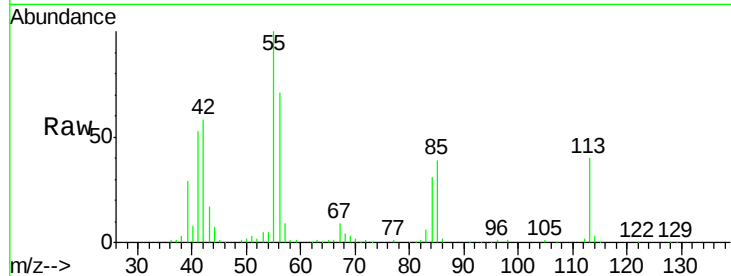
#35
 Caprolactam
 Concen: 43.75 ng m
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS

Tgt Ion:113 Resp: 118436
 Ion Ratio Lower Upper
 113 100
 55 248.0 162.0 202.0#
 56 177.0 115.3 155.3#

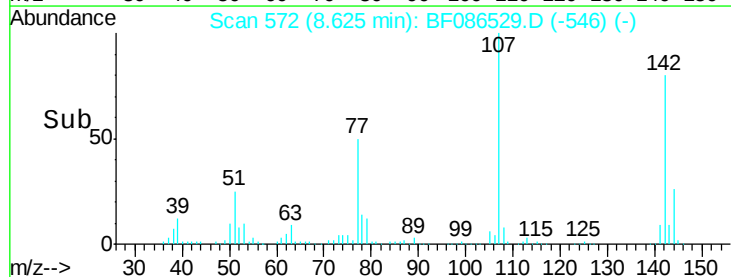
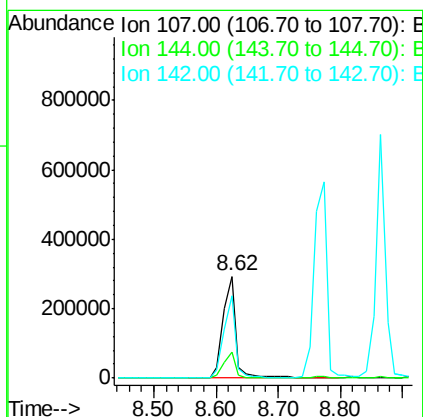
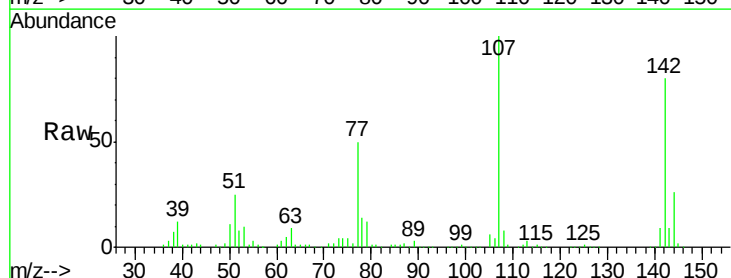
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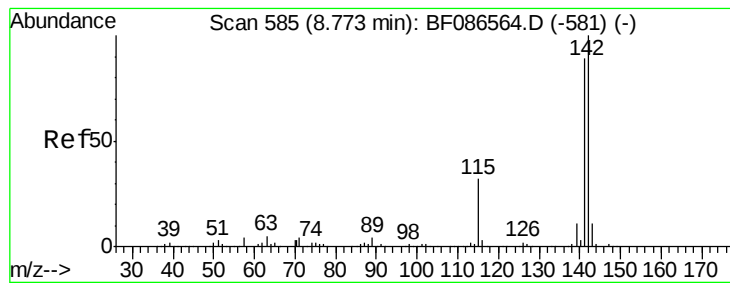
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#36
 4-Chloro-3-methylphenol
 Concen: 45.16 ng
 RT: 8.62 min Scan# 572
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion:107 Resp: 419547
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.7 31.1
 142 80.3 63.2 94.8





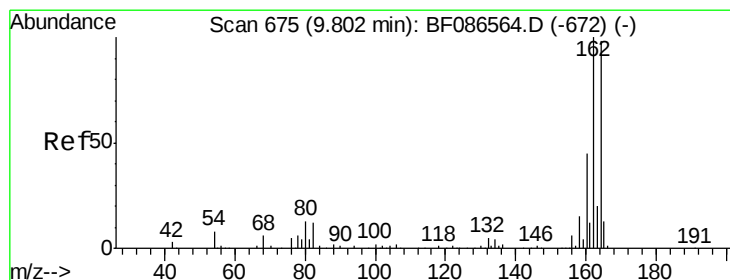
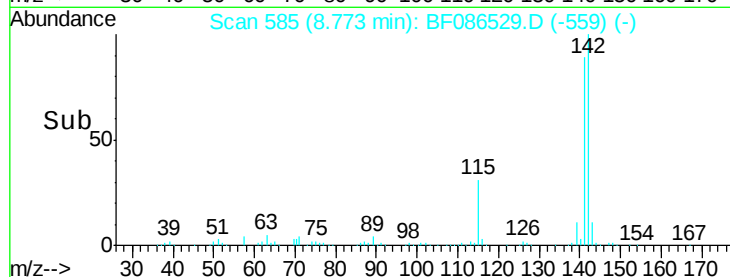
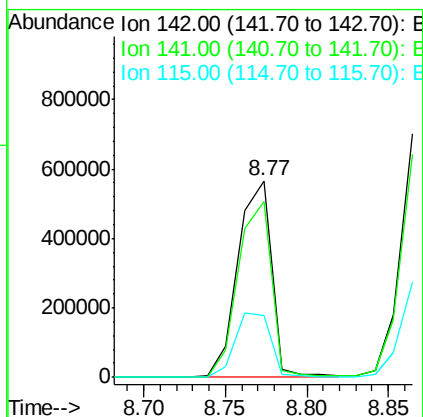
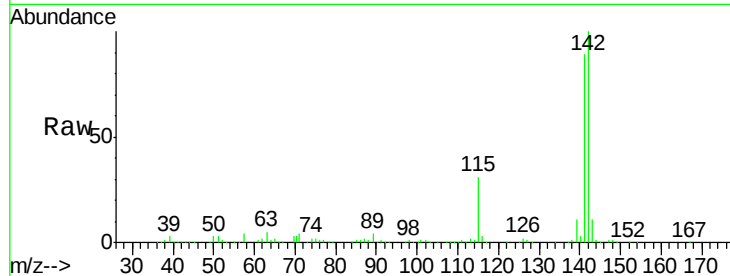
#37
2-Methylnaphthalene
Concen: 43.13 ng
RT: 8.77 min Scan# 585
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.6
115	31.4	26.6	39.8

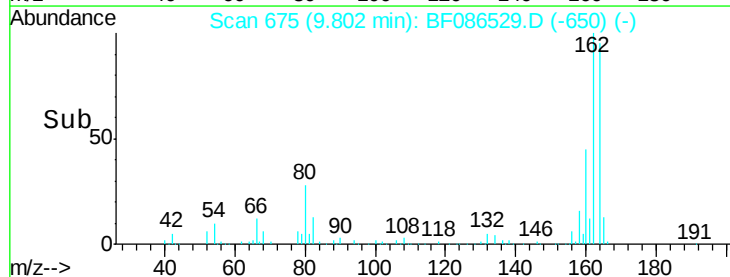
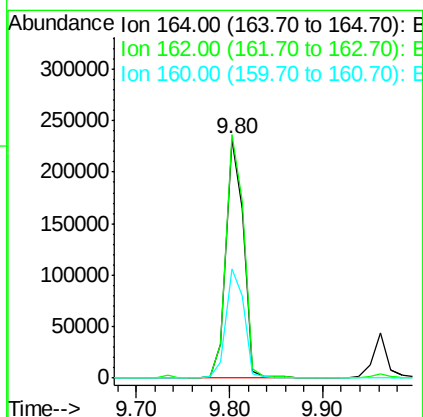
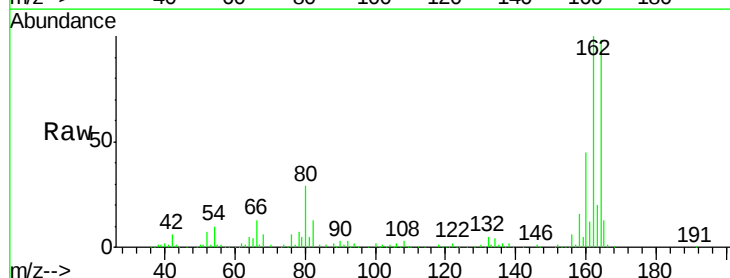
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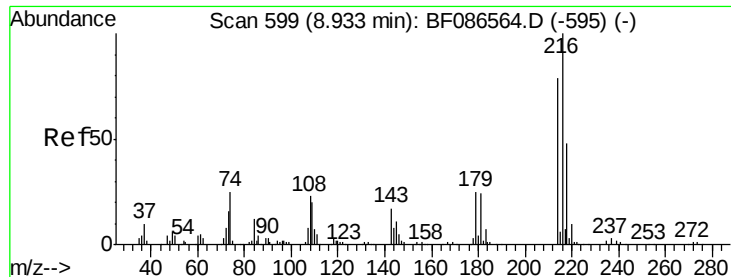
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	45.9	36.9	55.3





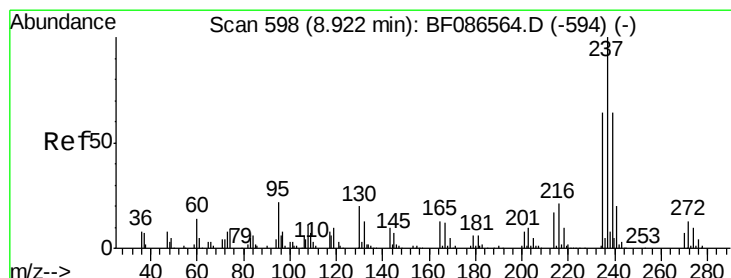
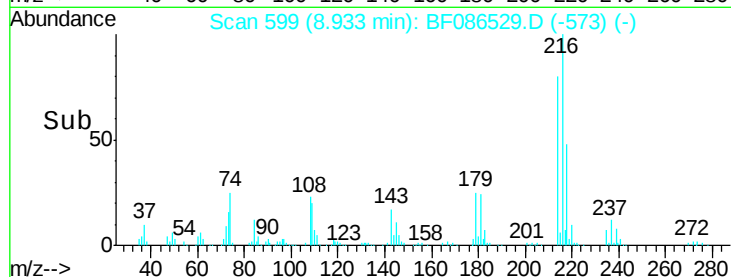
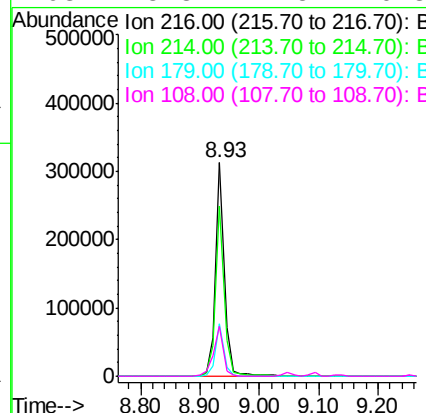
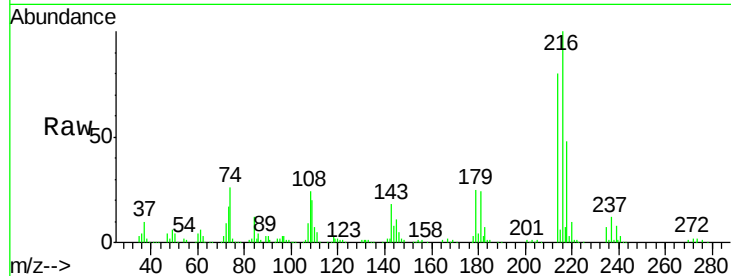
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.97 ng
 RT: 8.93 min Scan# 599
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS

Manual Integrations
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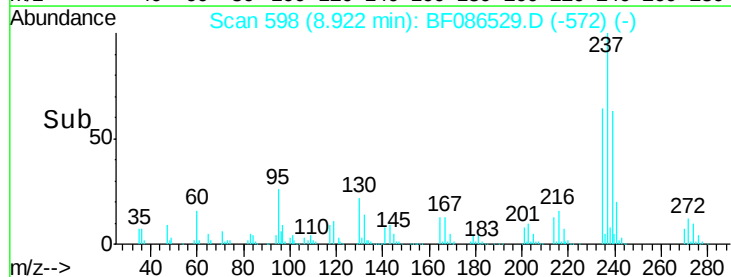
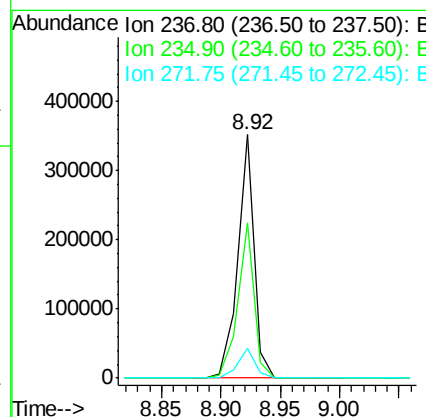
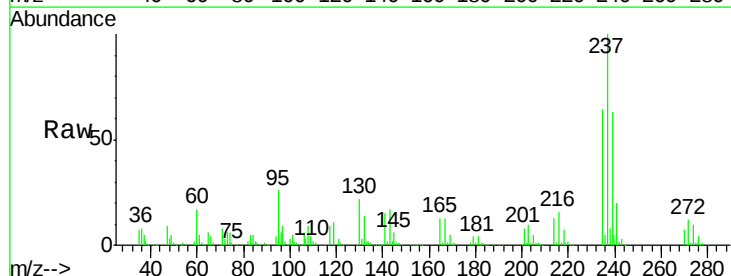
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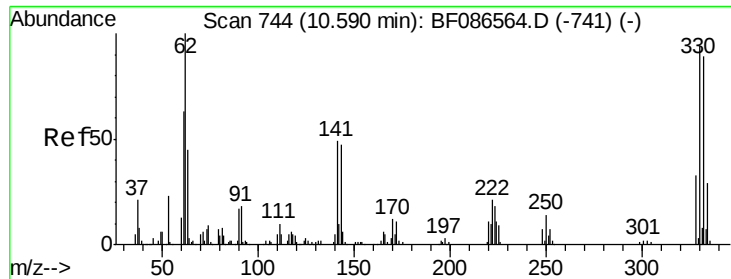
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	323369		
214	79.0	62.6	93.8	
179	23.6	18.2	27.4	
108	25.8	17.5	26.3	



#40
 Hexachlorocyclopentadiene
 Concen: 77.34 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	336158		
235	63.6	47.2	87.2	
272	12.5	0.0	31.1	





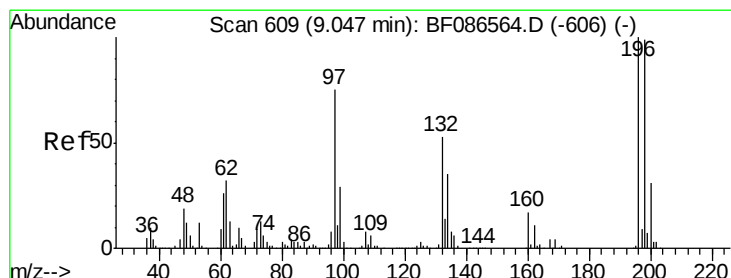
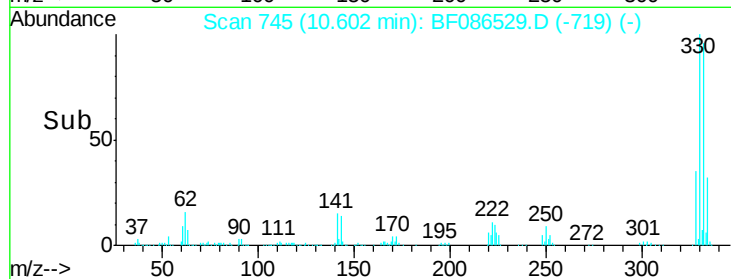
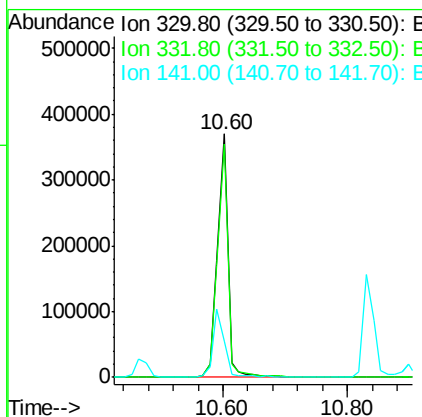
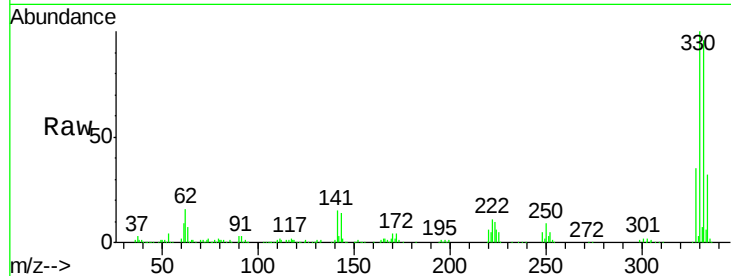
#41
 2,4,6-Tribromophenol
 Concen: 133.72 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleID :
 PB90186BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	430900		
332	96.4	79.0	118.4	
141	29.4	31.2	46.8	

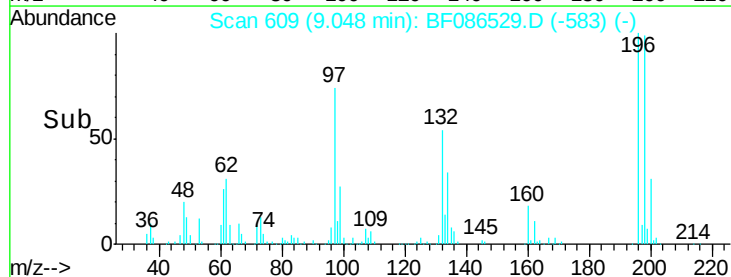
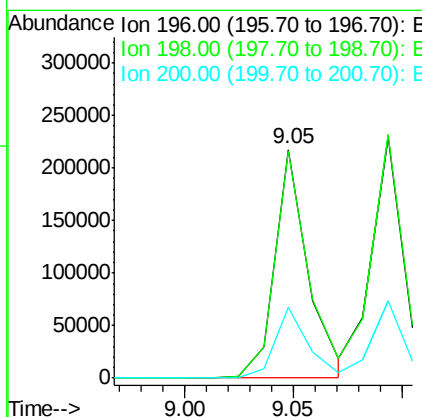
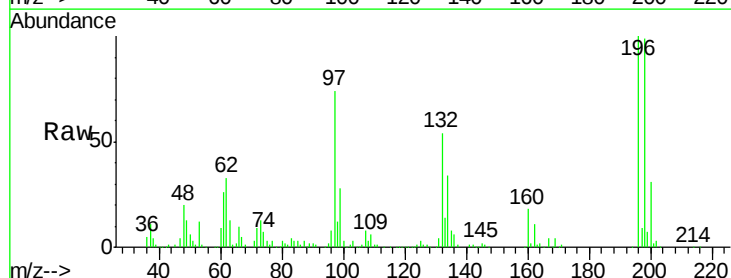
Manual Integrations
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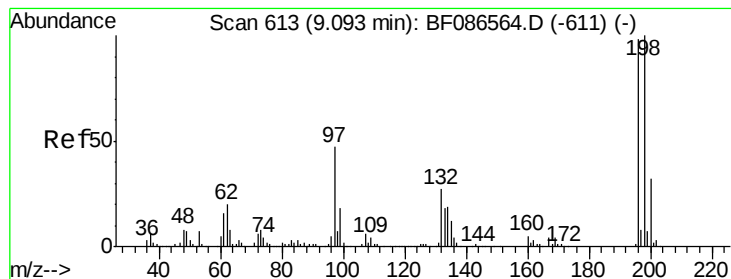
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#42
 2,4,6-Trichlorophenol
 Concen: 42.37 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

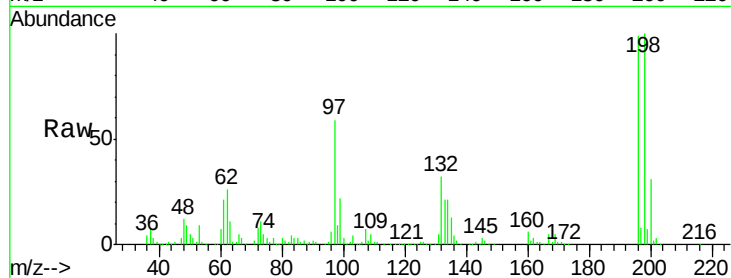
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	234261		
198	99.2	74.7	112.1	
200	31.2	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 40.75 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

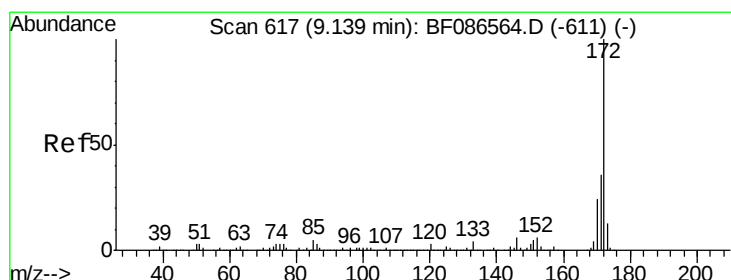
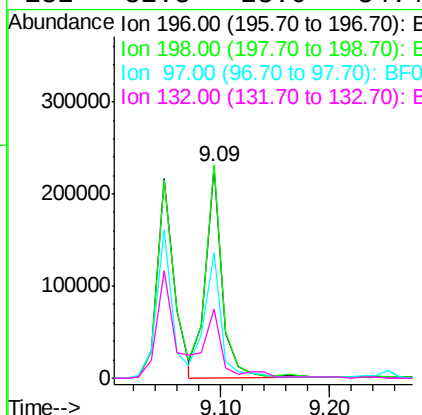
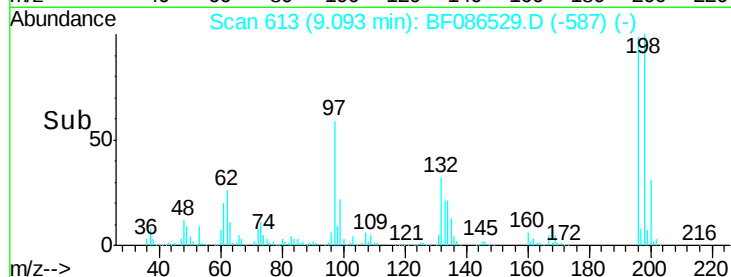
Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS



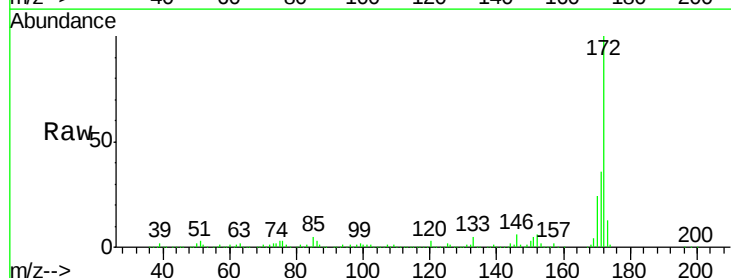
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	245572		
198	100.9	77.5	116.3	
97	59.2	34.8	52.2	
132	32.8	23.0	34.4	

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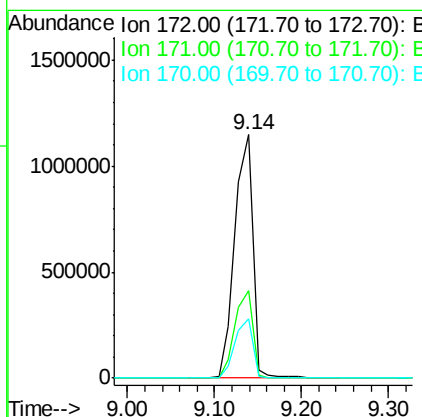
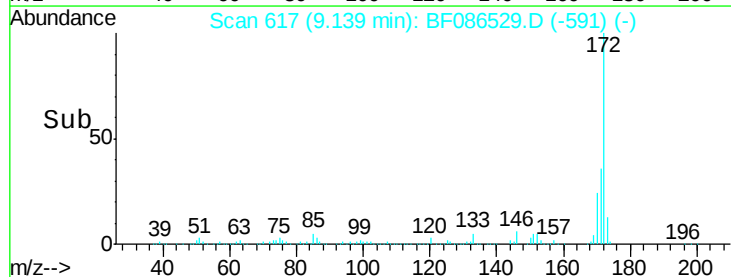
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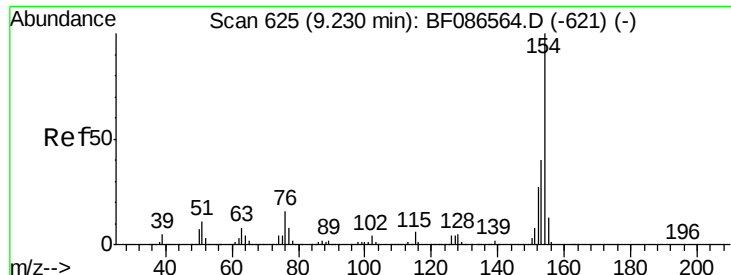


#44
 2-Fluorobiphenyl
 Concen: 97.33 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1648704		
171	36.0	29.0	43.6	
170	24.1	19.8	29.8	





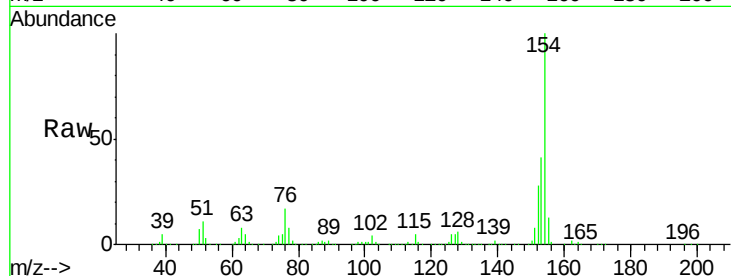
#45
 1,1'-Biphenyl
 Concen: 37.67 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS

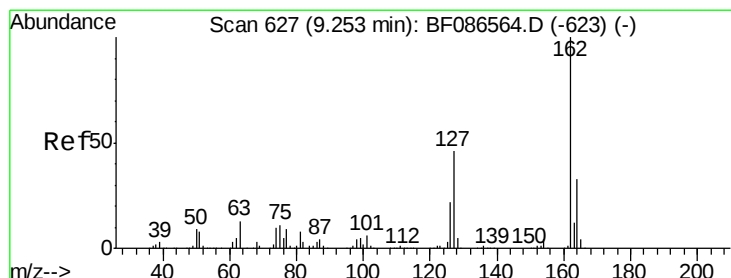
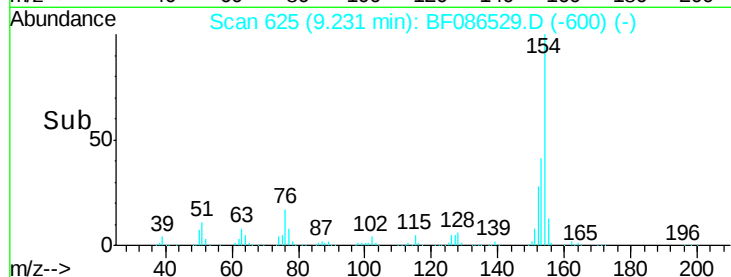
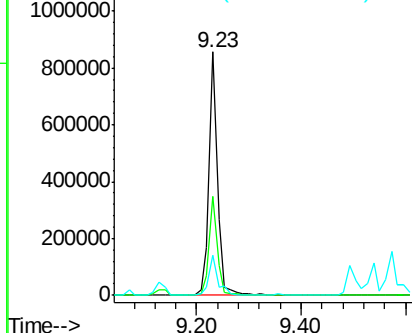
Tgt Ion:	154	Resp:	962071
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.3	60.3
76	16.5	0.0	30.2

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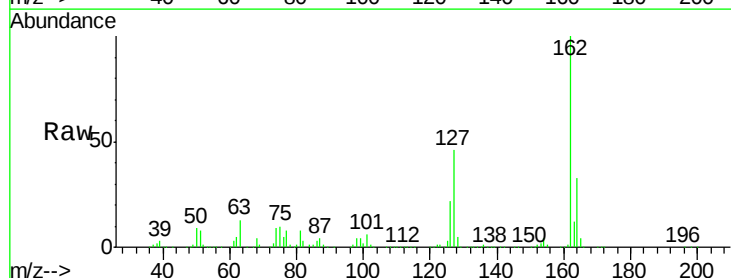


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

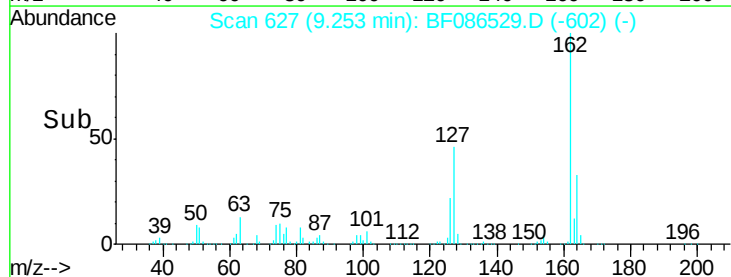
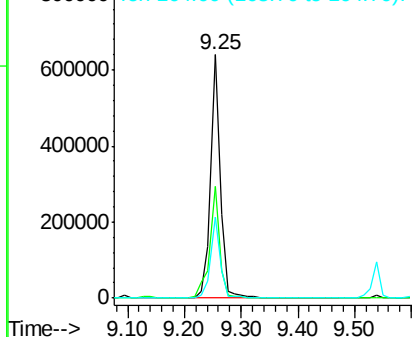


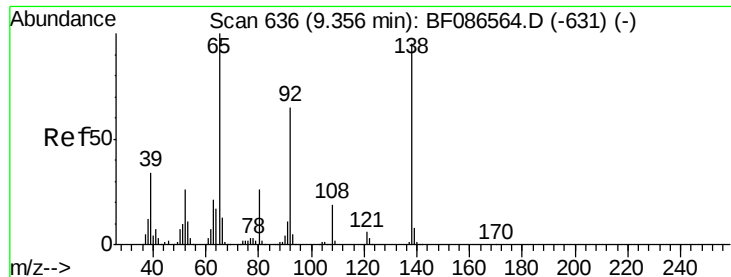
#46
 2-Chloronaphthalene
 Concen: 37.95 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion:	162	Resp:	737002
Ion Ratio	Lower	Upper	
162	100		
127	46.1	31.8	47.6
164	33.2	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





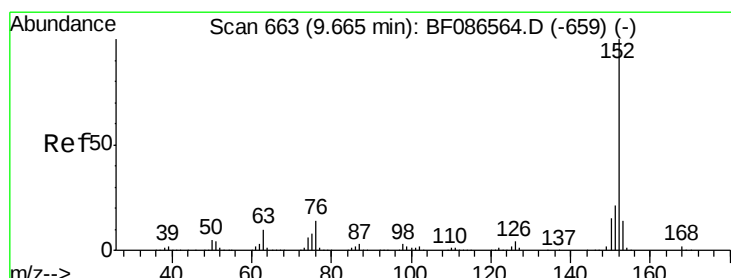
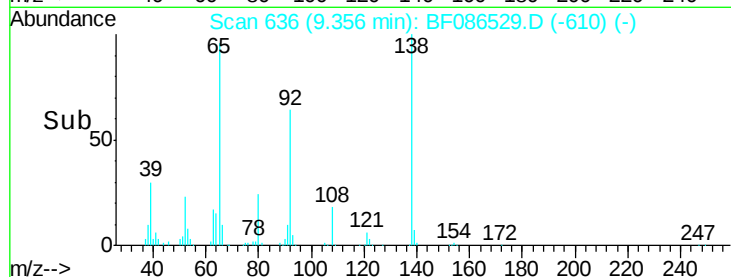
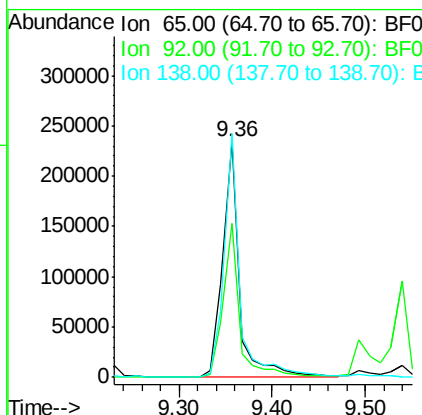
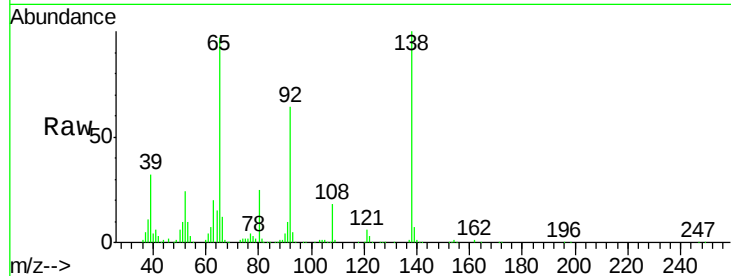
#47
2-Nitroaniline
Concen: 47.33 ng
RT: 9.36 min Scan# 636
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.7	57.4	86.2
138	103.4	90.1	135.1

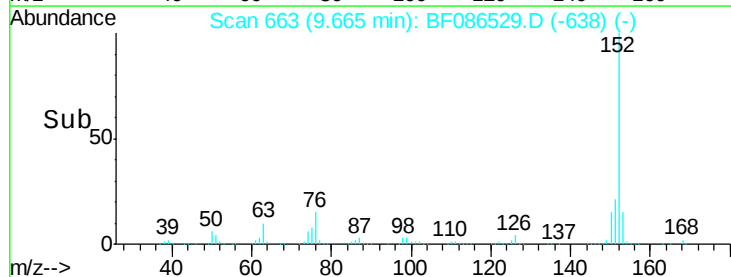
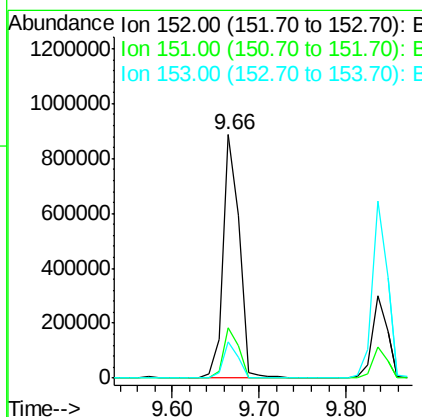
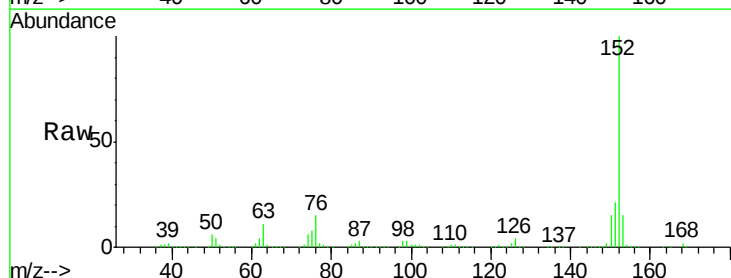
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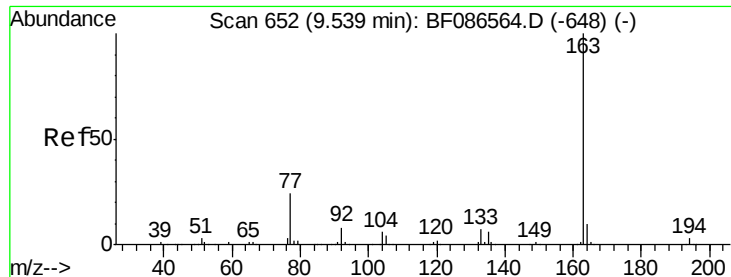
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#48
Acenaphthylene
Concen: 38.03 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.8	25.2
153	14.7	10.9	16.3





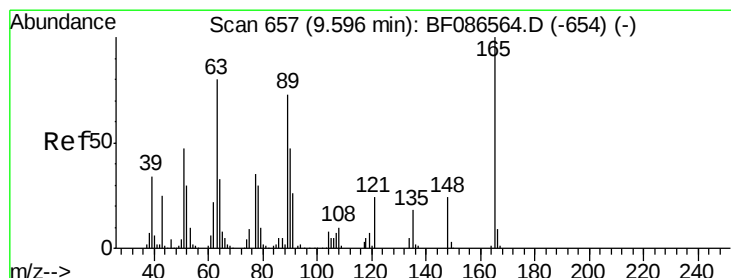
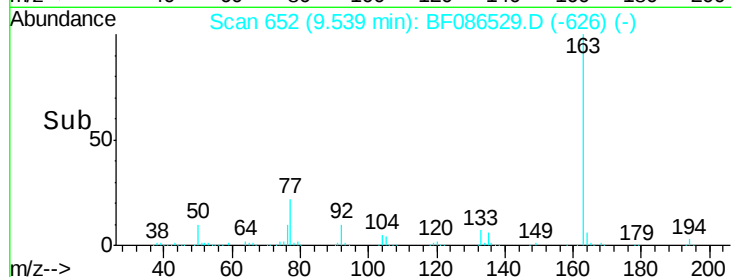
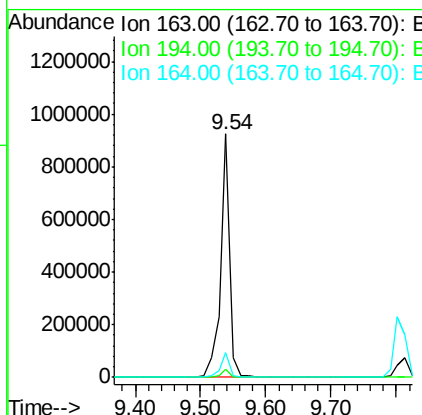
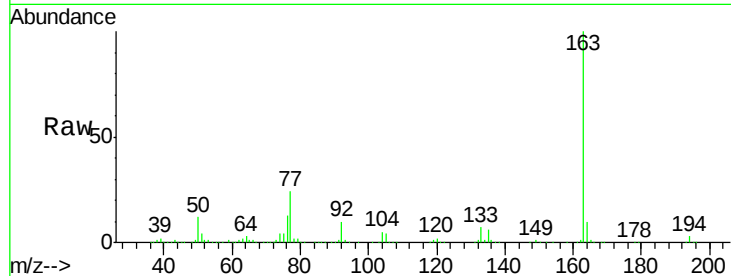
#49
Dimethylphthalate
Concen: 39.75 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

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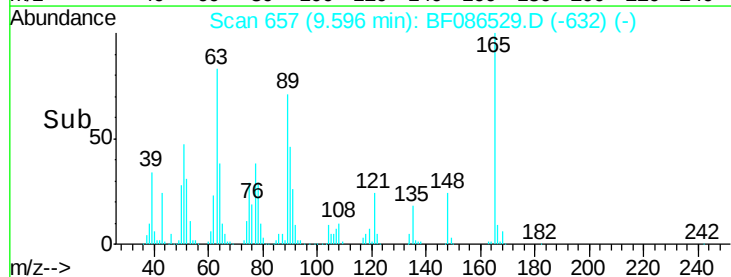
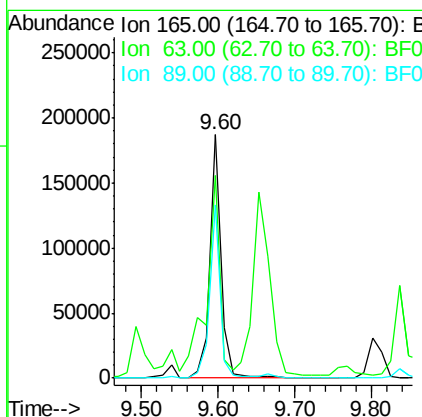
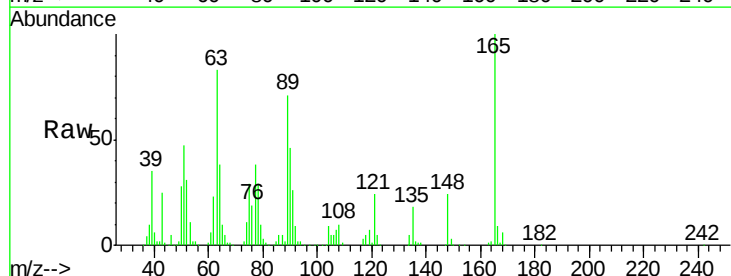
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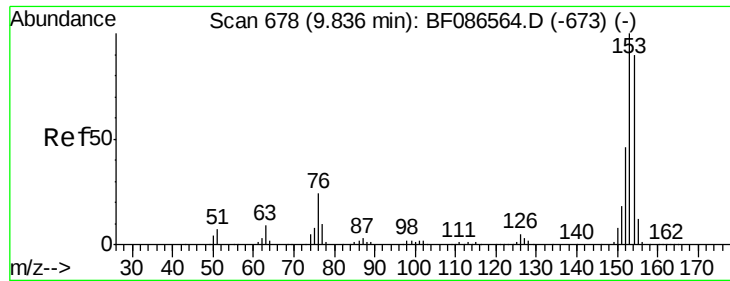
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	914354		
194	3.2	2.6	4.0	
164	10.3	8.2	12.4	



#50
2,6-Dinitrotoluene
Concen: 39.79 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	189100		
63	83.3	51.8	77.8#	
89	71.0	50.7	76.1	





#51

Acenaphthene

Concen: 42.04 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086529.D

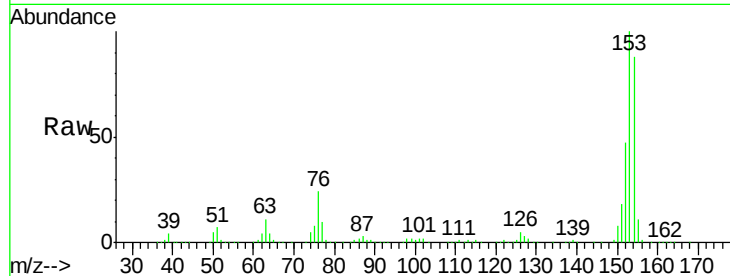
Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

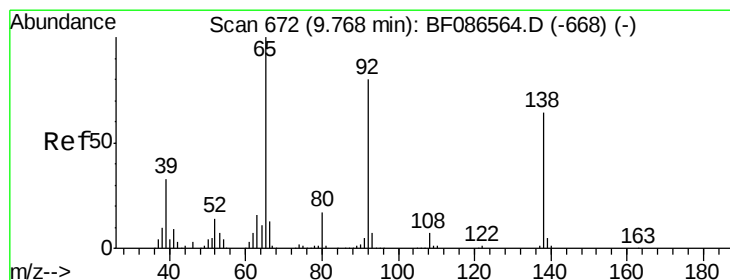
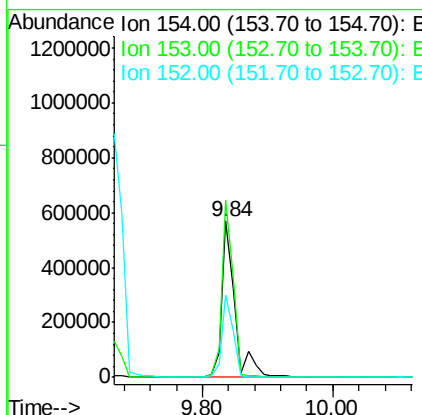
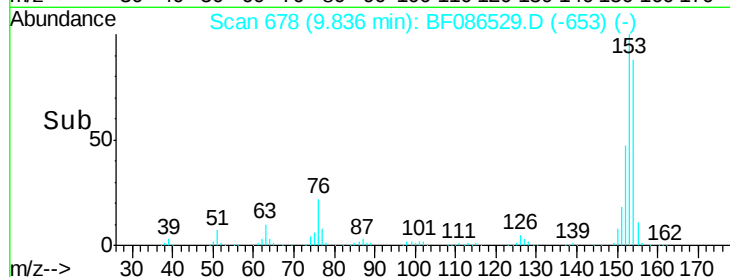
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Tgt Ion:	154	Resp:	819589
Ion Ratio	Lower	Upper	
154	100		
153	113.4	89.8	134.6
152	52.9	43.4	65.0

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#52

3-Nitroaniline

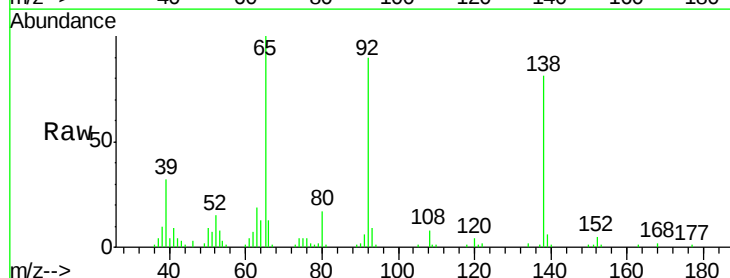
Concen: 13.43 ng

RT: 9.77 min Scan# 672

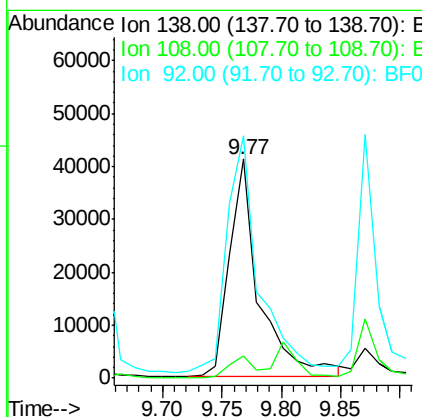
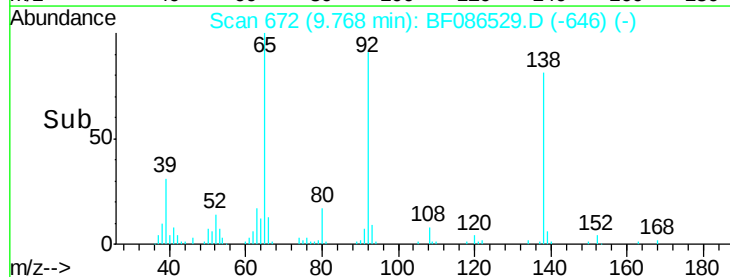
Delta R.T. 0.00 min

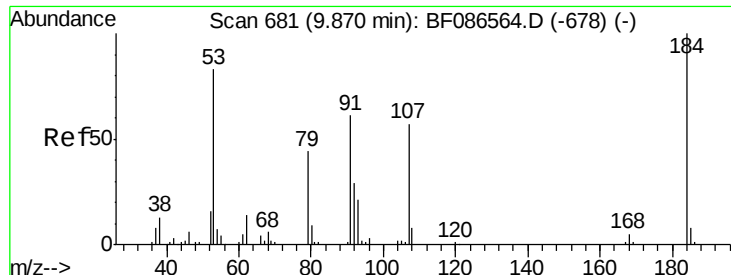
Lab File: BF086529.D

Acq: 30 Apr 2016 17:49



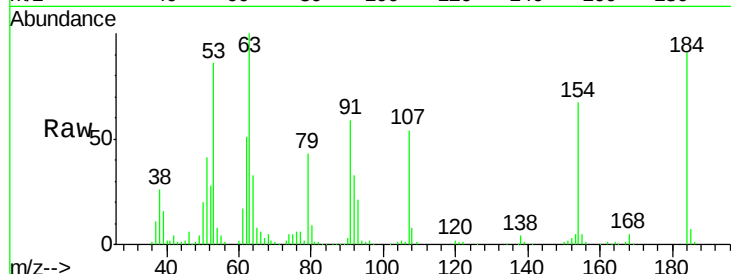
Tgt Ion:	138	Resp:	72599
Ion Ratio	Lower	Upper	
138	100		
108	10.2	7.8	11.6
92	110.6	87.8	131.8





#53
2,4-Dinitrophenol
Concen: 68.94 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

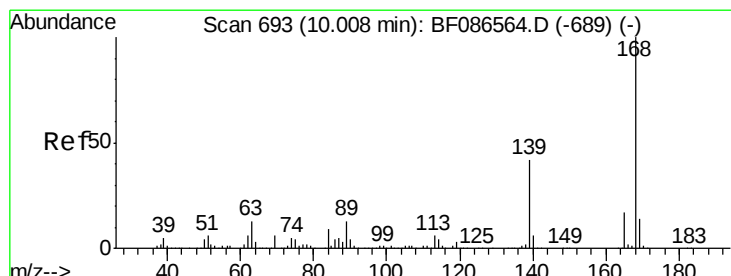
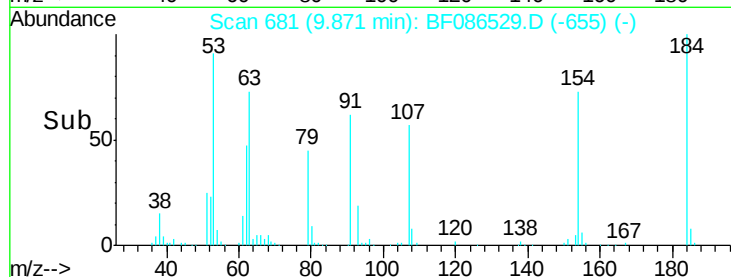
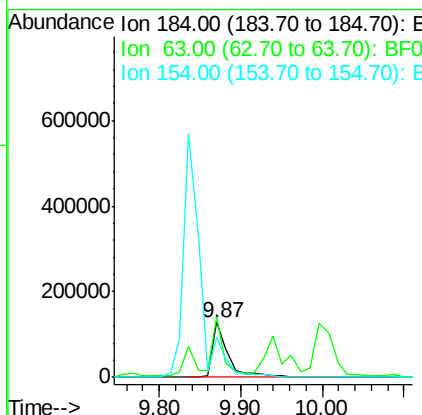
Instrument :
BNA_F
ClientSampleId :
PB90186BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	176021		
63	109.6	55.8	83.8#	
154	74.0	62.4	93.6	

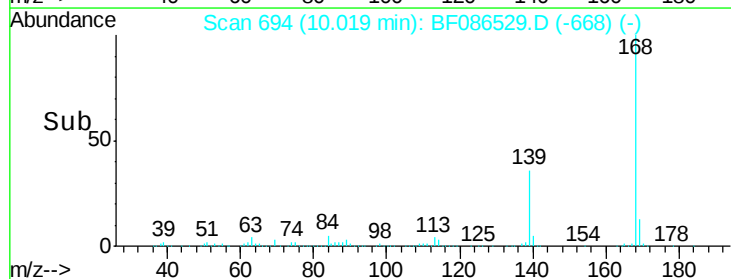
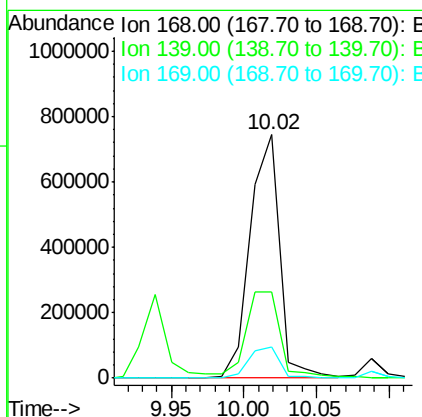
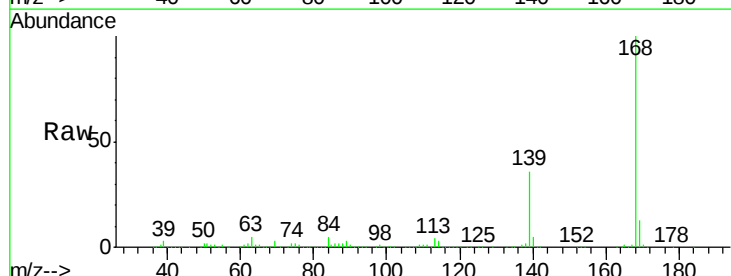
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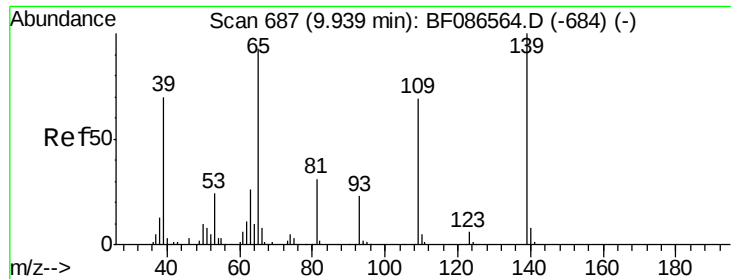
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#54
Dibenzofuran
Concen: 42.98 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1047287		
139	35.6	31.4	47.0	
169	12.9	10.7	16.1	





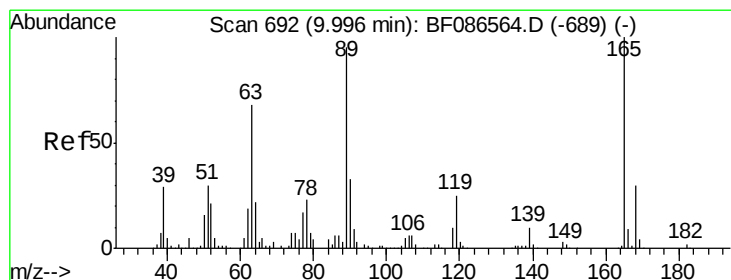
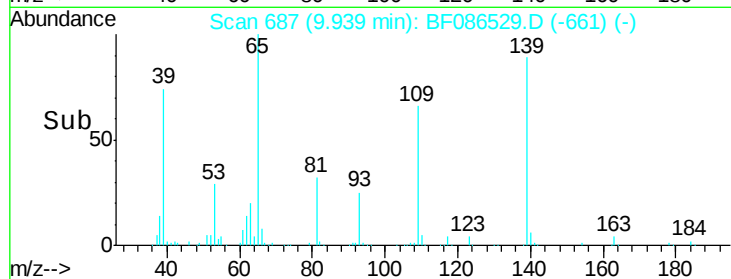
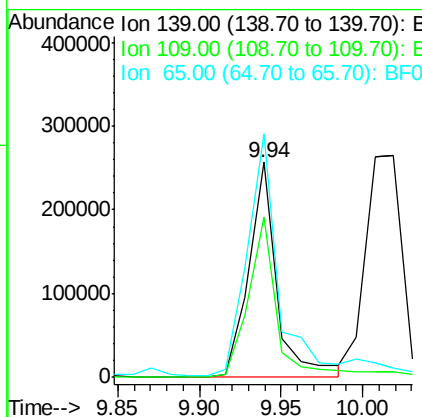
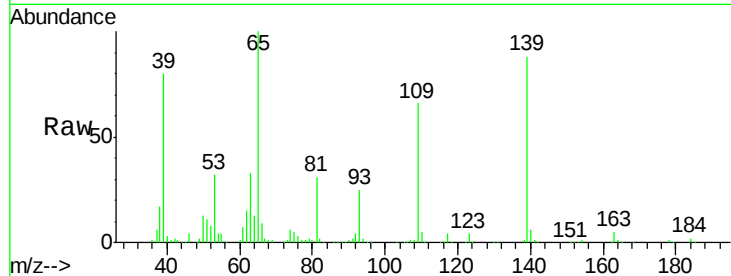
#55
4-Nitrophenol
Concen: 86.97 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	307763		
109	74.5	36.9	76.9	
65	113.2	64.0	104.0	

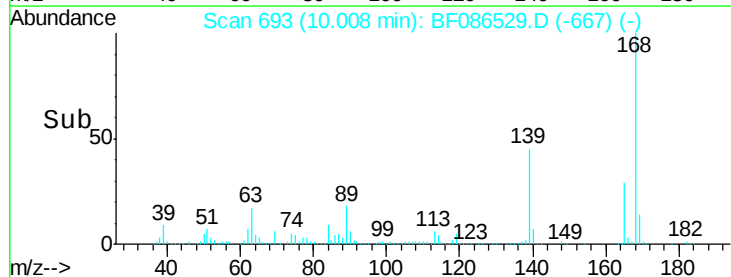
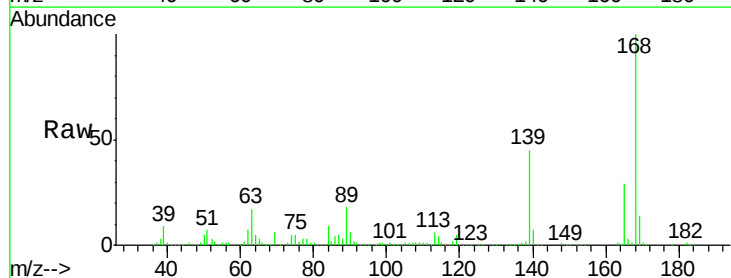
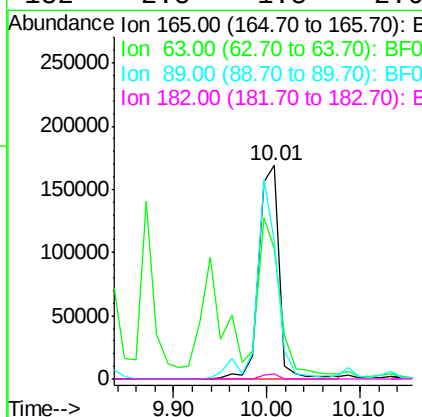
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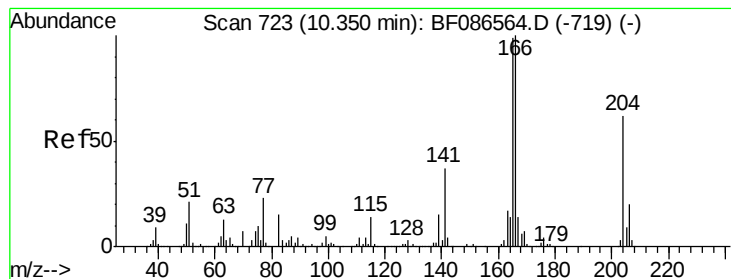
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#56
2,4-Dinitrotoluene
Concen: 42.25 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	255943		
63	61.2	44.3	66.5	
89	64.7	70.0	105.0	
182	2.5	1.8	2.6	





#57

Fluorene

Concen: 34.77 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086529.D

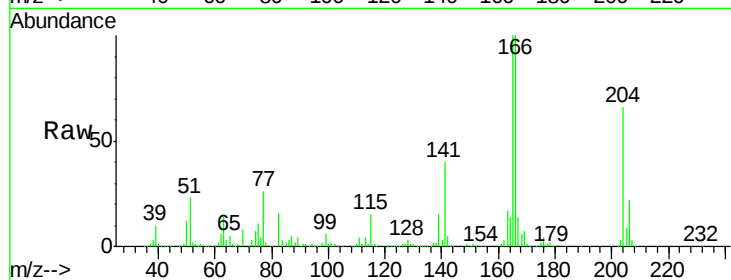
Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

PB90186BS



Tgt Ion:166 Resp: 735743

Ion Ratio Lower Upper

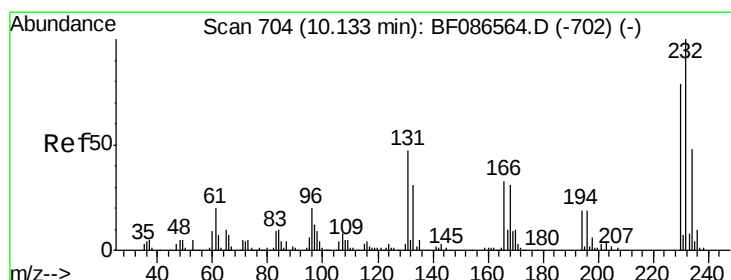
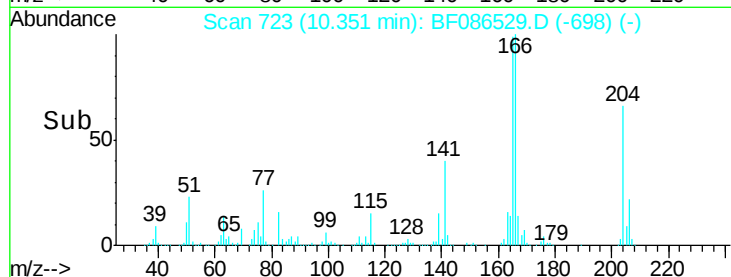
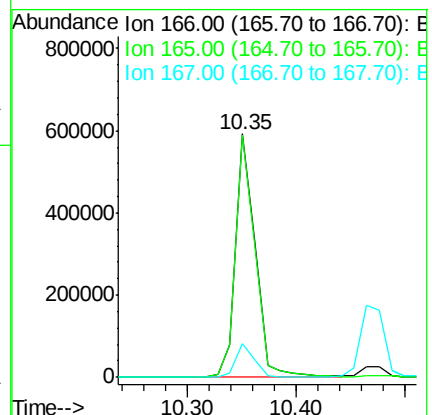
166 100

165 99.6 79.0 118.6

167 14.0 10.6 15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 45.91 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Tgt Ion:232 Resp: 216315

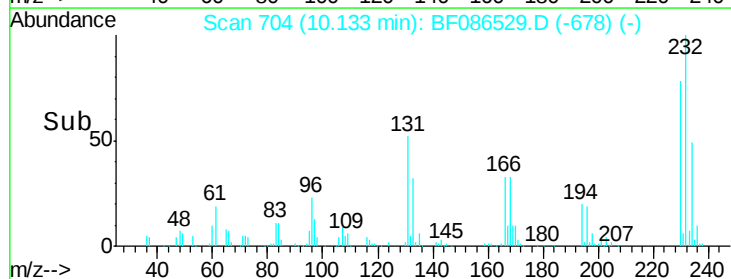
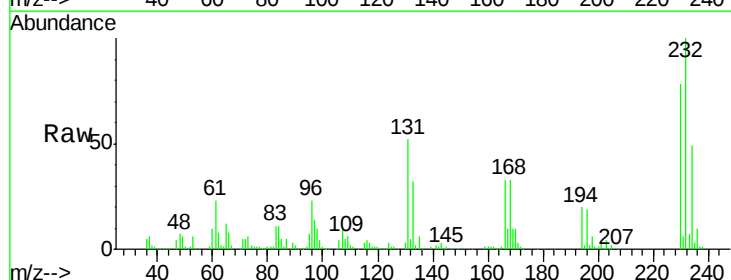
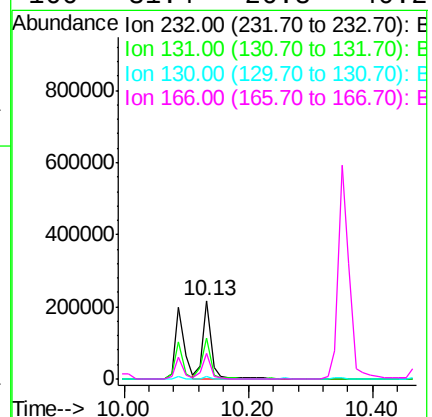
Ion Ratio Lower Upper

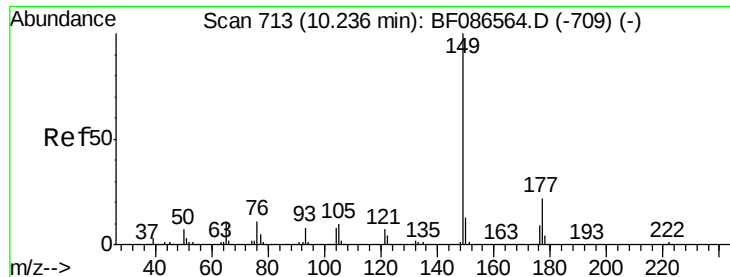
232 100

131 52.0 41.9 62.9

130 2.7 2.2 3.4

166 31.4 26.8 40.2





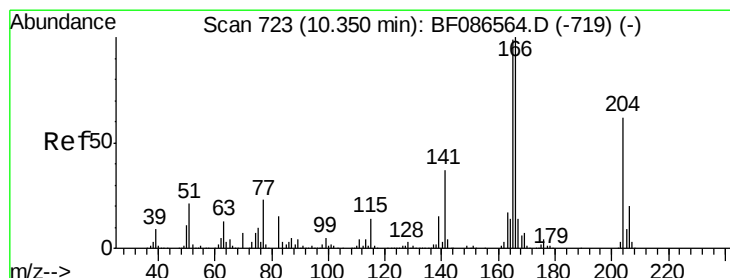
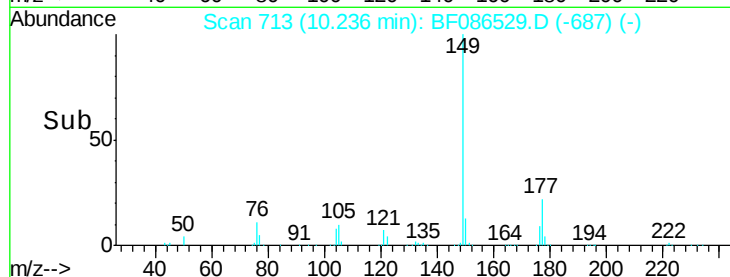
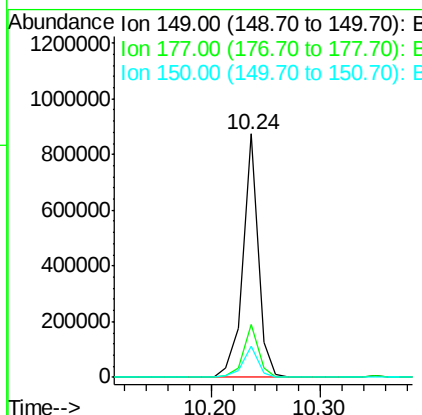
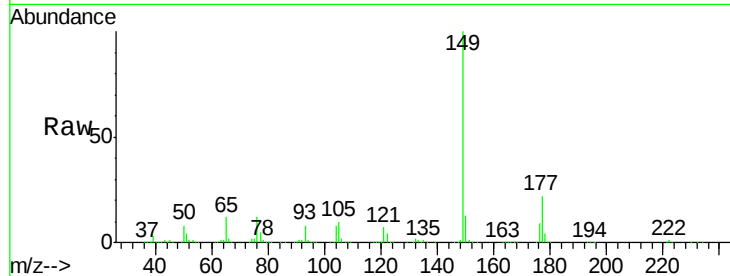
#59
Diethylphthalate
Concen: 38.81 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampled :
PB90186BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	845092		
177	21.7	16.6	24.8	
150	12.6	10.0	15.0	

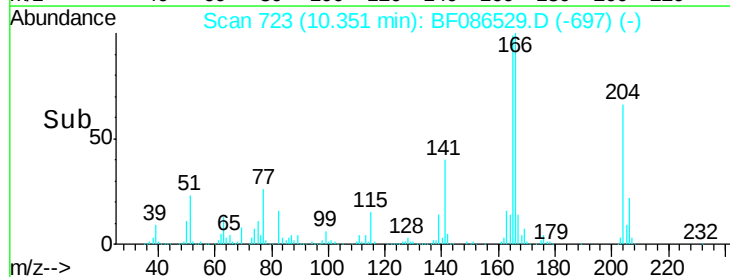
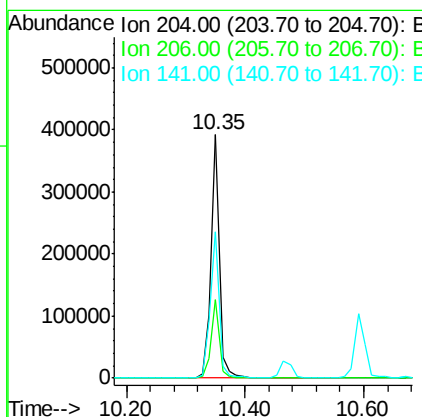
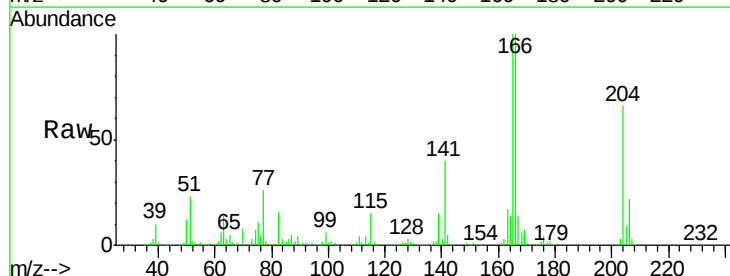
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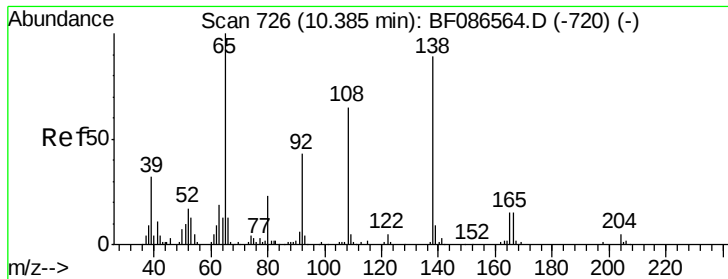
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#60
4-Chlorophenyl-phenylether
Concen: 40.20 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	386168		
206	32.5	25.4	38.0	
141	59.9	61.6	92.4#	





#61

4-Nitroaniline

Concen: 40.50 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF086529.D

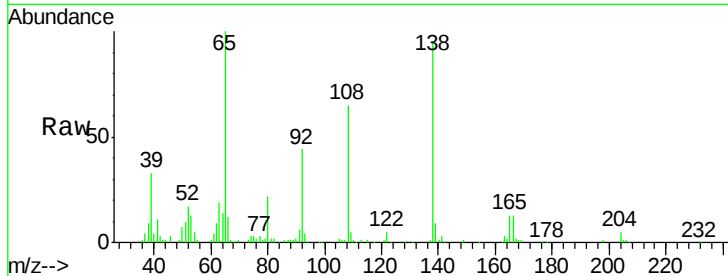
Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

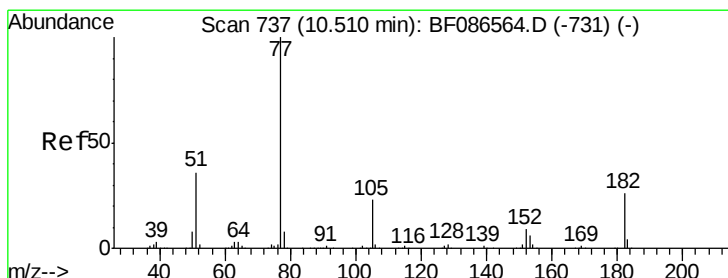
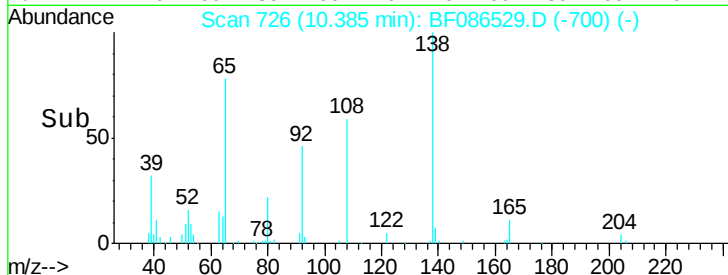
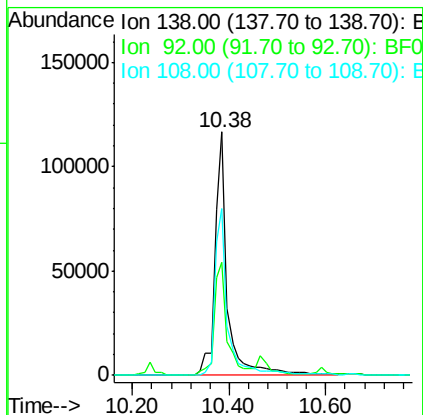
PB90186BS



Tgt Ion:	138	Resp:	213987
Ion Ratio	Lower	Upper	
138	100		
92	46.3	24.7	64.7
108	68.8	37.4	77.4

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#62

Azobenzene

Concen: 45.20 ng

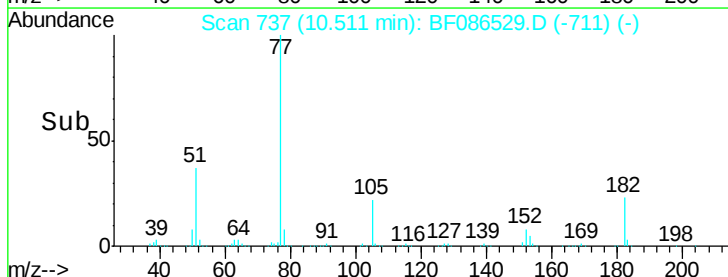
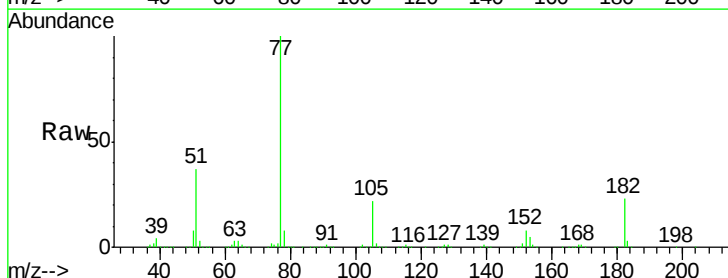
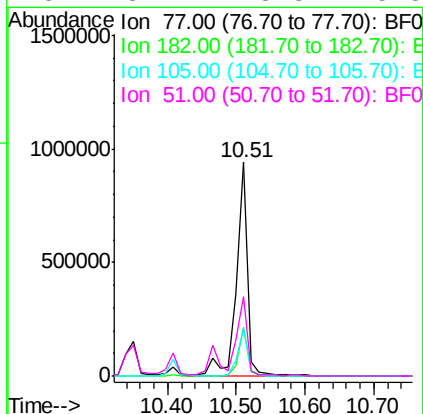
RT: 10.51 min Scan# 737

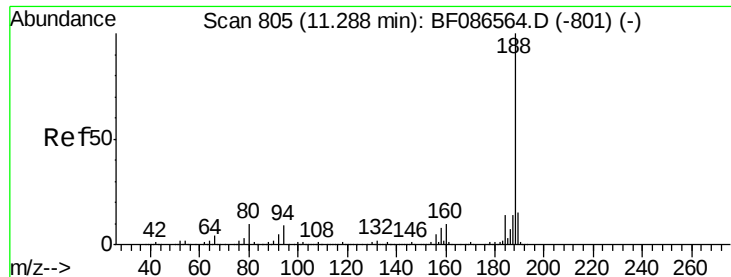
Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Tgt Ion:	77	Resp:	1078206
Ion Ratio	Lower	Upper	
77	100		
182	22.9	0.0	38.8
105	22.2	3.2	43.2
51	37.1	8.8	48.8





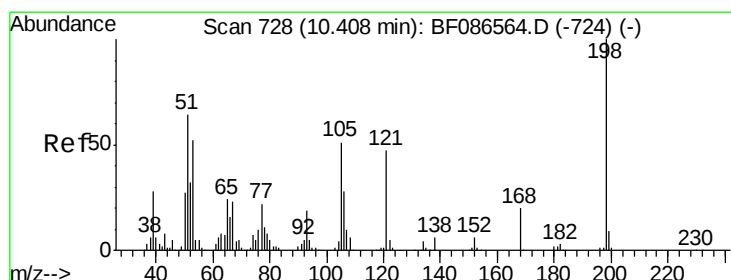
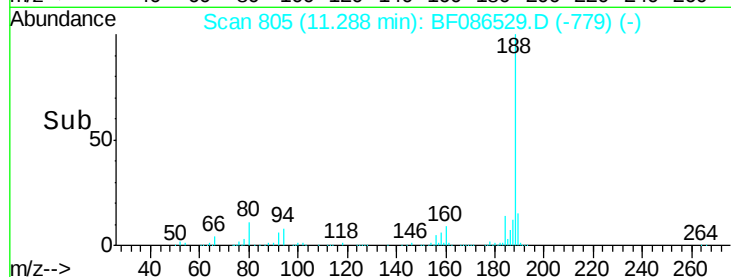
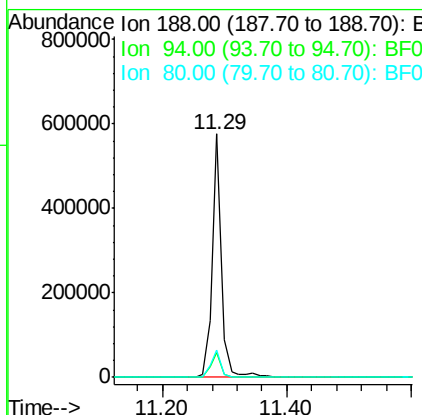
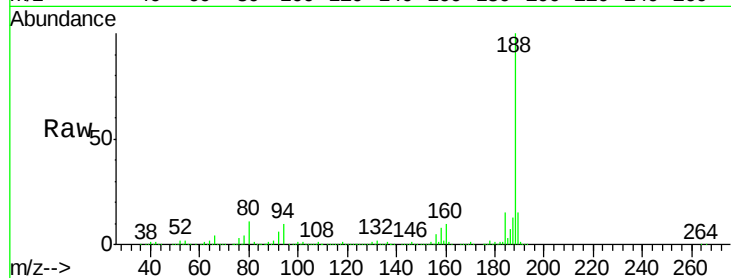
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.3	6.8	10.2#
80	11.0	7.1	10.7#

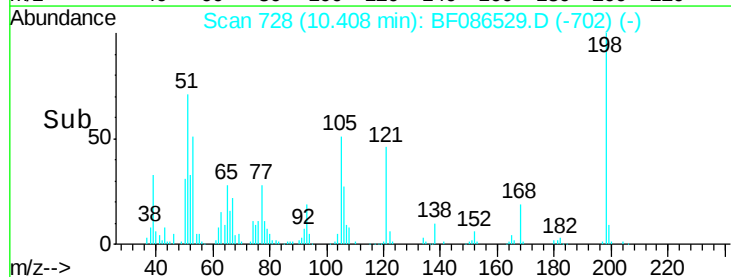
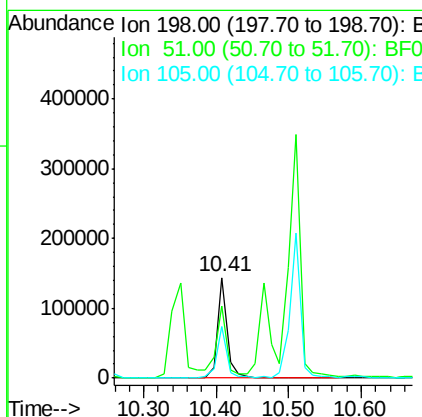
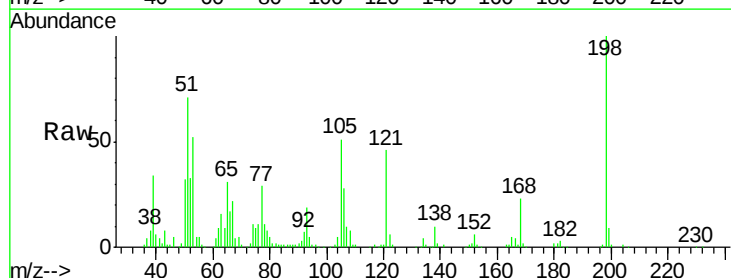
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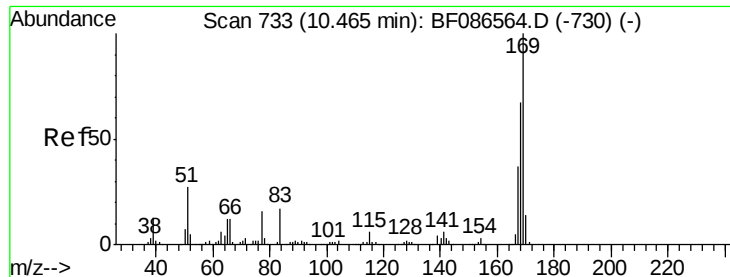
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.81 ng
RT: 10.41 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	71.5	20.5	60.5#
105	50.6	24.5	64.5





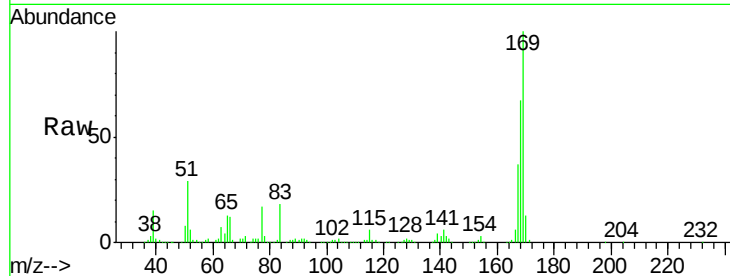
#65
n-Nitrosodiphenylamine
Concen: 38.73 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

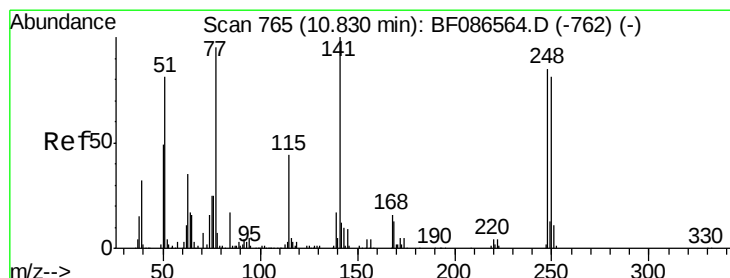
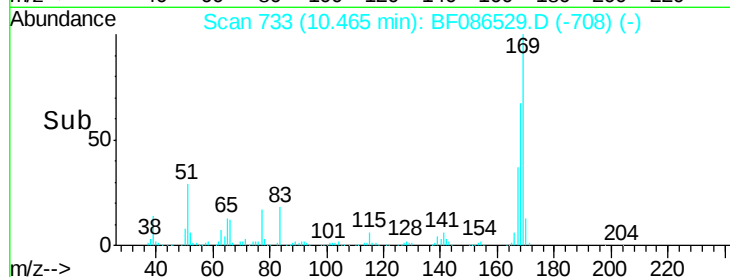
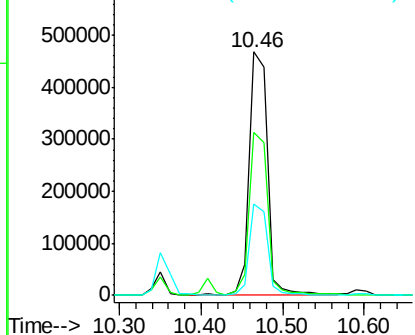
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	715174		
168	67.1	53.8	80.6	
167	37.3	29.5	44.3	

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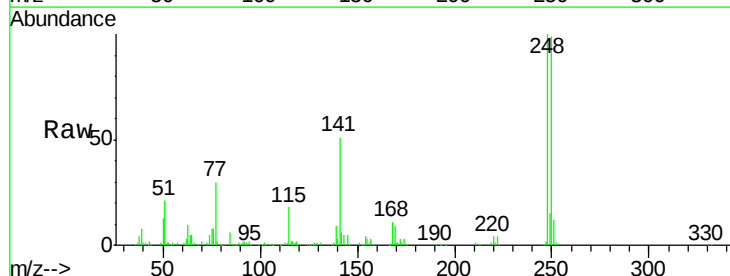


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

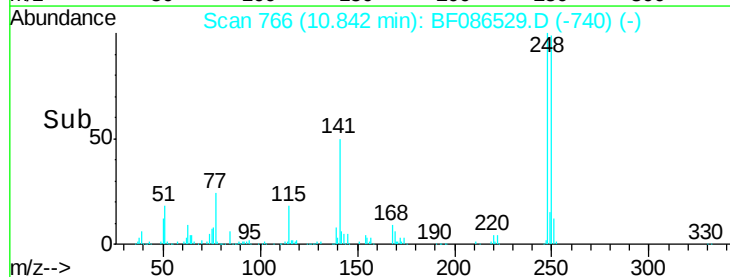
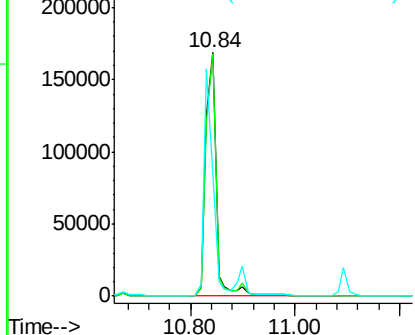


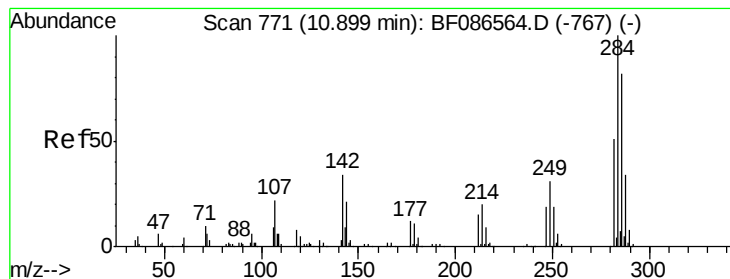
#66
4-Bromophenyl-phenylether
Concen: 38.91 ng
RT: 10.84 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	236896		
250	99.3	78.6	117.8	
141	50.6	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: 37.11 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

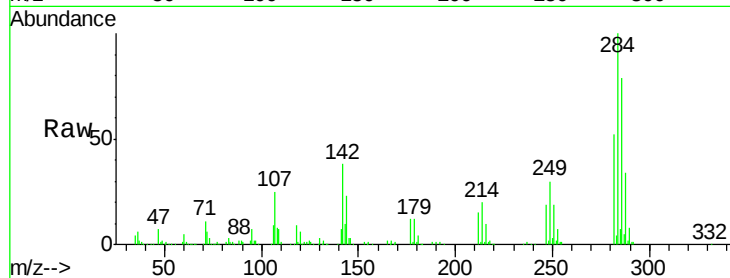
ClientSampleId :

PB90186BS

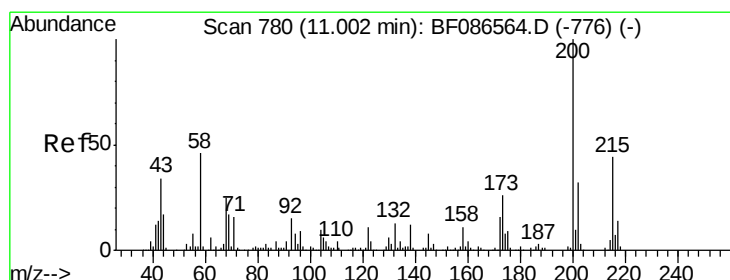
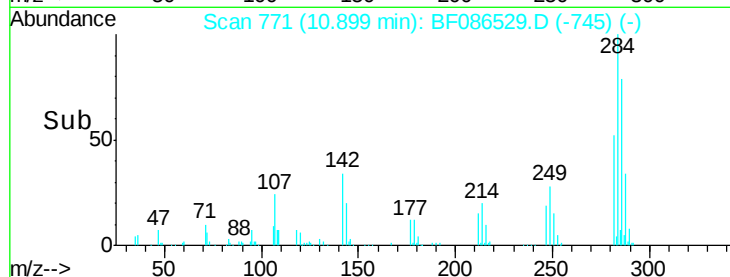
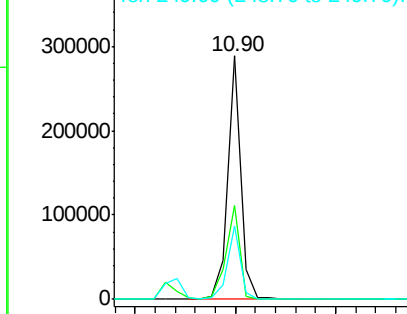
Tgt Ion:	284	Resp:	261539
Ion Ratio	Lower	Upper	
284	100		
142	38.4	16.7	25.1#
249	30.3	21.3	31.9

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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: 46.78 ng

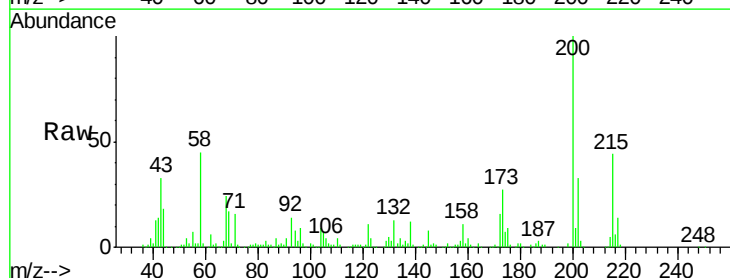
RT: 11.00 min Scan# 780

Delta R.T. 0.00 min

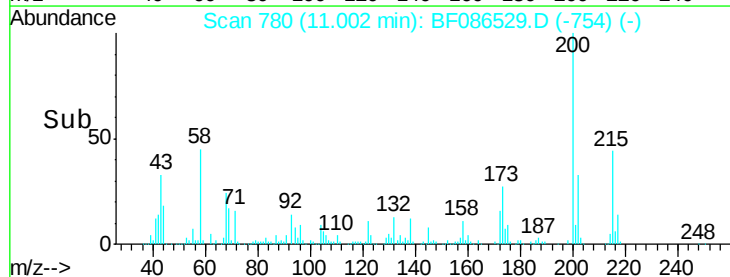
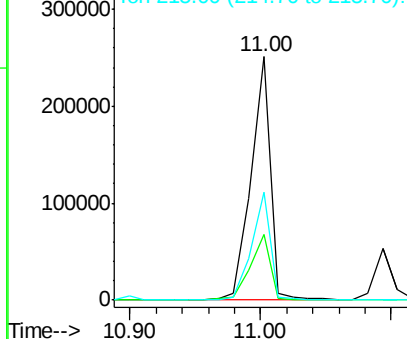
Lab File: BF086529.D

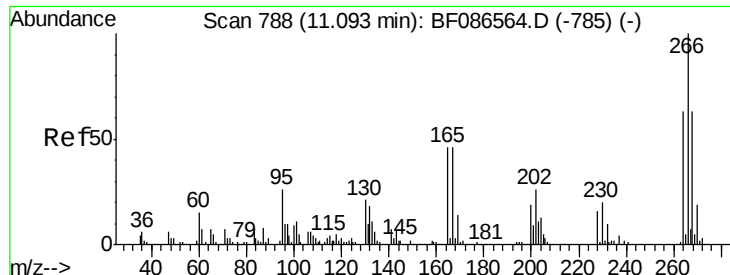
Acq: 30 Apr 2016 17:49

Tgt Ion:	200	Resp:	259409
Ion Ratio	Lower	Upper	
200	100		
173	26.9	8.5	48.5
215	44.2	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





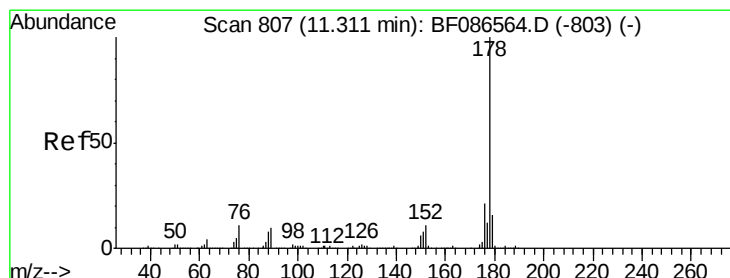
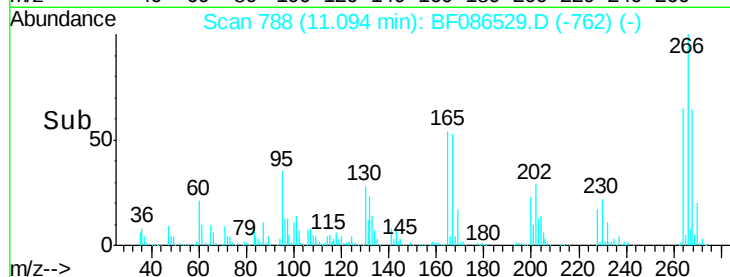
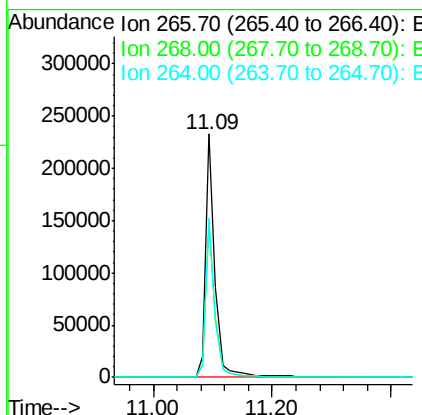
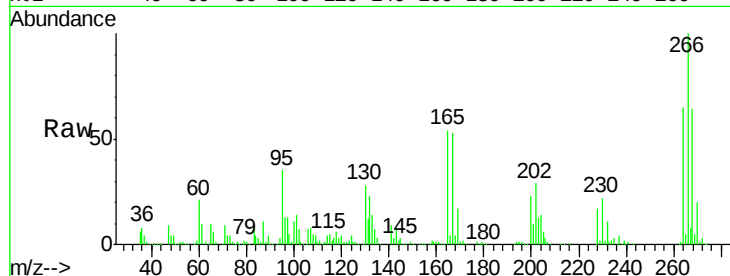
#69
 Pentachlorophenol
 Concen: 70.38 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	261495		
268	63.9	51.5	77.3	
264	65.2	52.9	79.3	

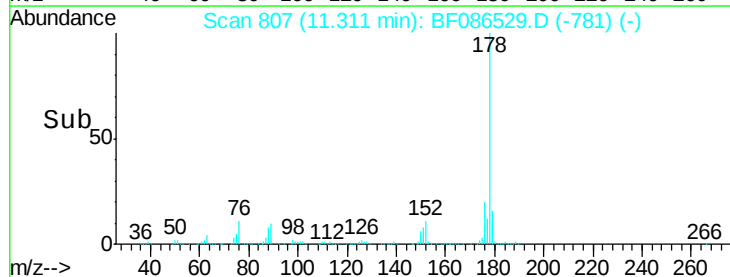
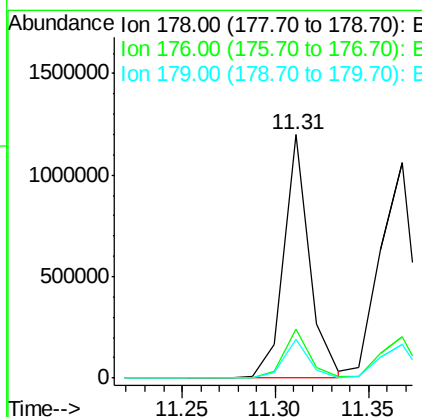
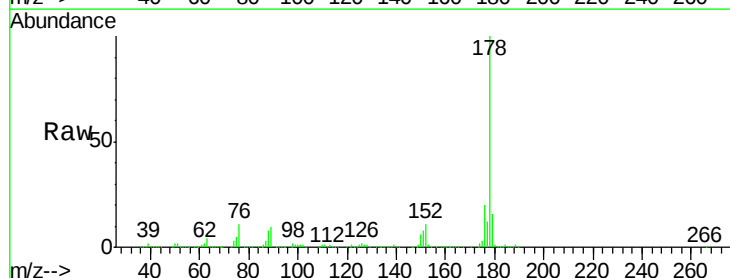
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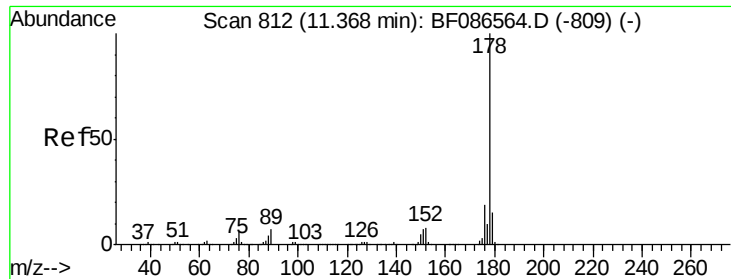
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#70
 Phenanthrene
 Concen: 37.09 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1149903		
176	20.2	16.0	24.0	
179	15.8	12.6	18.8	





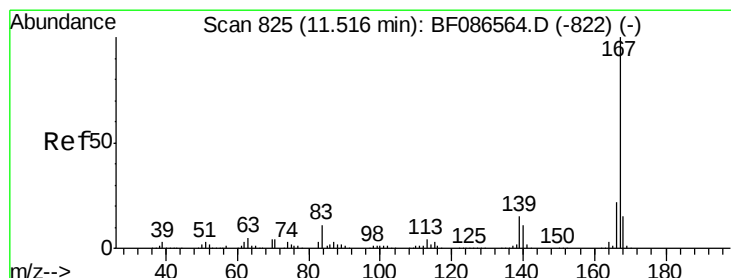
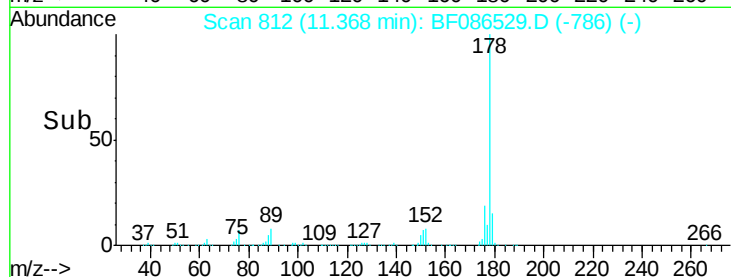
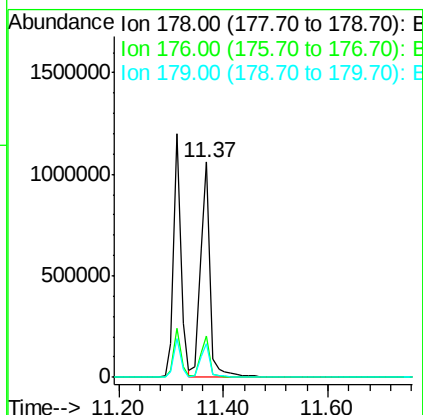
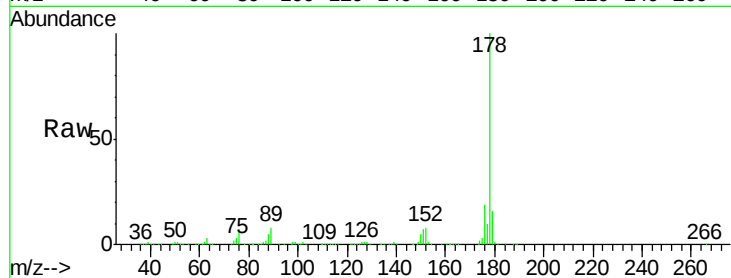
#71
 Anthracene
 Concen: 41.17 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS

Tgt Ion:178 Resp: 1362452
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.5 12.7 19.1

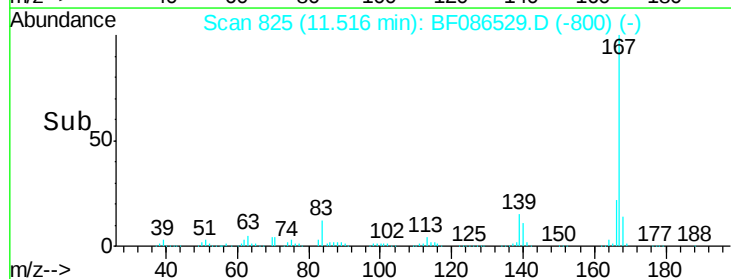
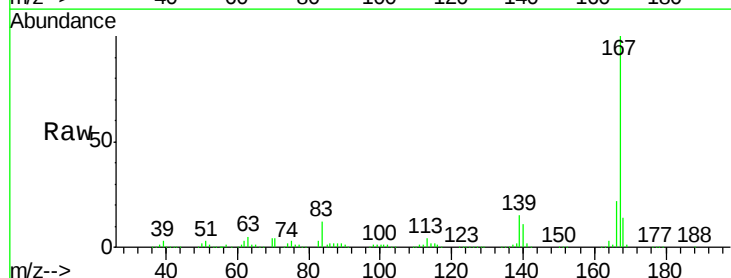
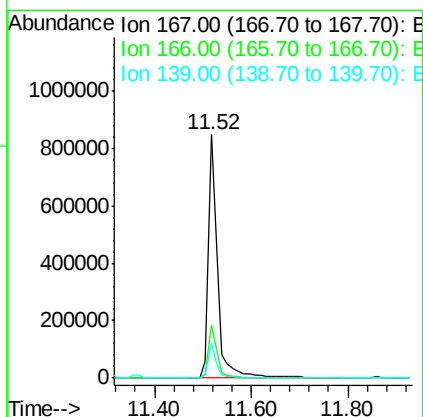
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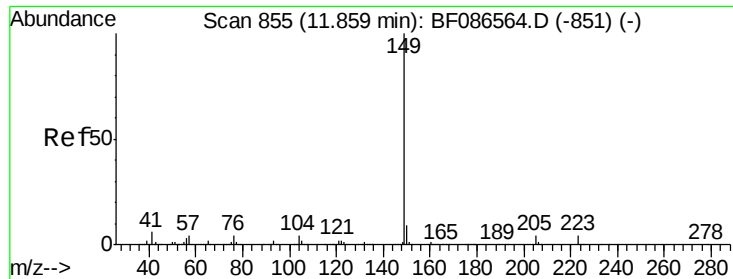
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#72
 Carbazole
 Concen: 38.77 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion:167 Resp: 1136892
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.6 10.8 16.2





#73

Di-n-butylphthalate

Concen: 40.90 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

PB90186BS

Tgt Ion:149 Resp: 1358759

Ion Ratio Lower Upper

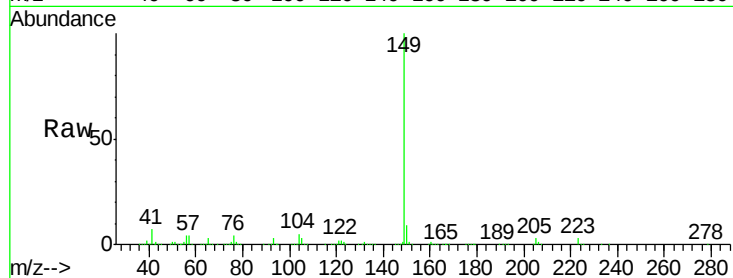
149 100

150 9.2 7.6 11.4

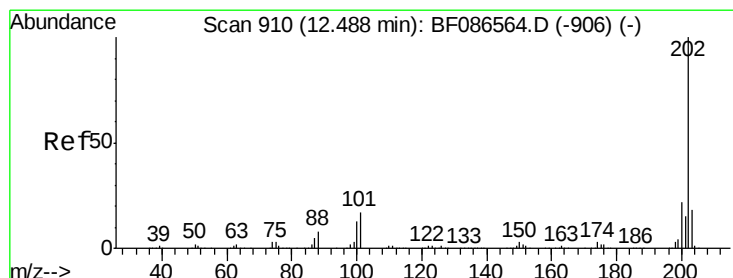
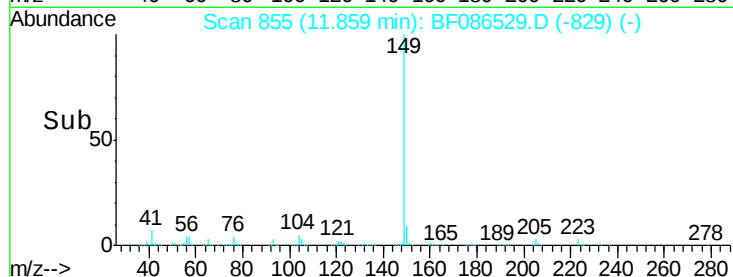
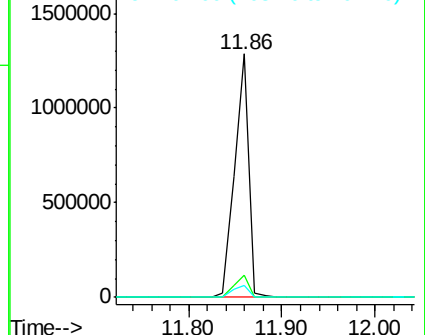
104 4.7 3.8 5.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.40 ng

RT: 12.50 min Scan# 911

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

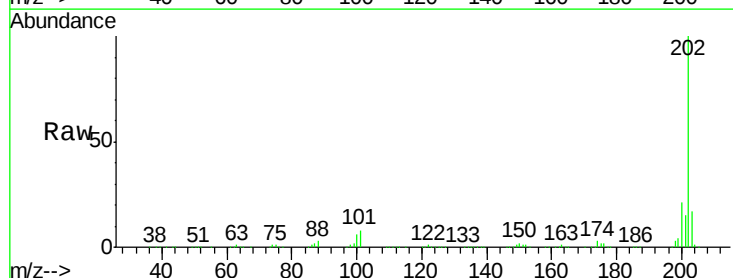
Tgt Ion:202 Resp: 1295701

Ion Ratio Lower Upper

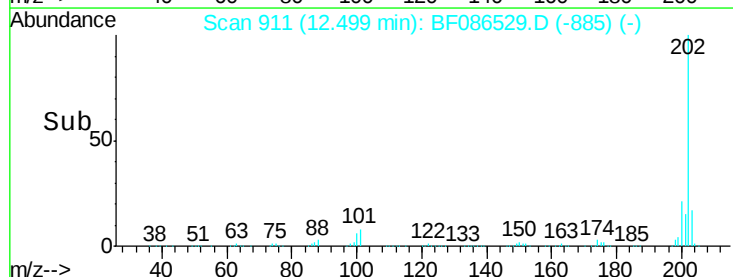
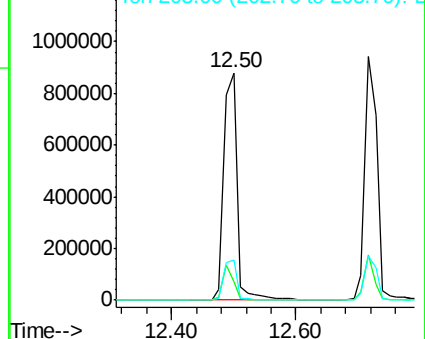
202 100

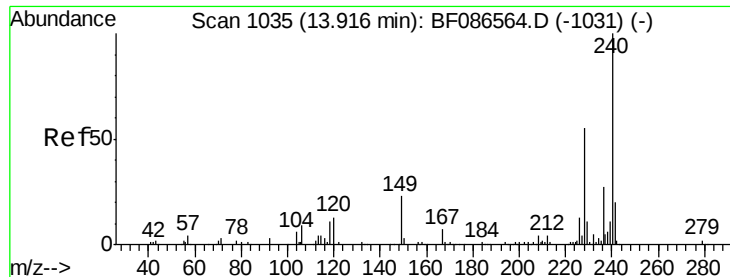
101 8.1 0.0 35.4

203 17.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

PB90186BS

Tgt Ion:240 Resp: 428649

Ion Ratio Lower Upper

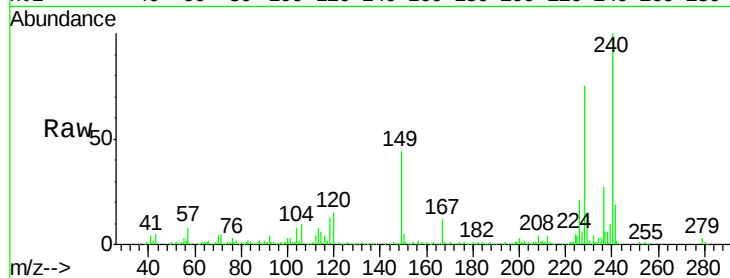
240 100

120 15.2 11.2 16.8

236 26.8 21.2 31.8

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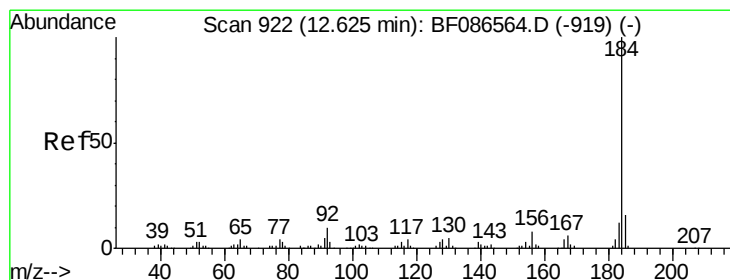
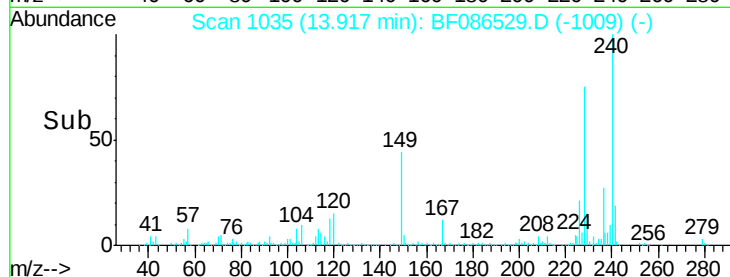
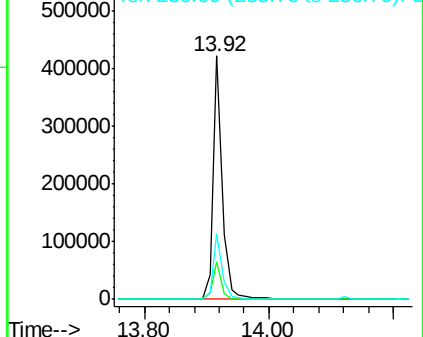
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 21.70 ng

RT: 12.63 min Scan# 922

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

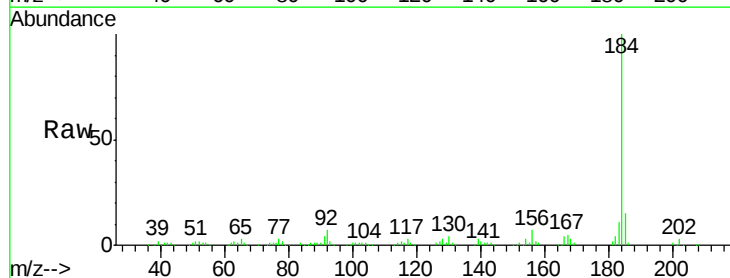
Tgt Ion:184 Resp: 319731

Ion Ratio Lower Upper

184 100

185 14.6 13.6 20.4

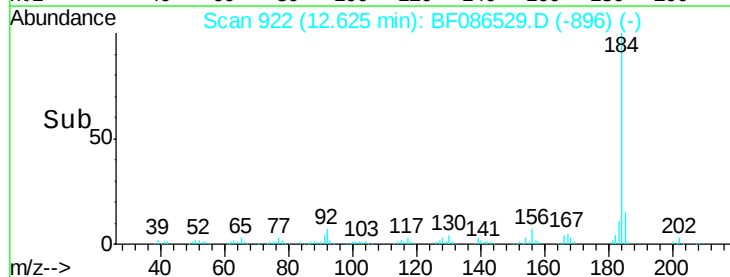
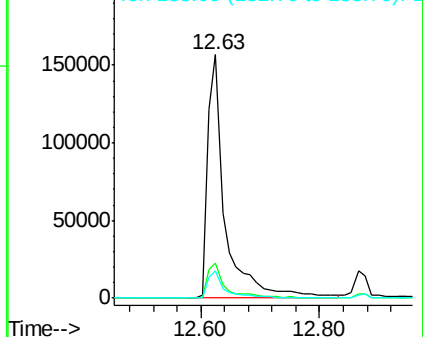
183 11.4 9.8 14.6

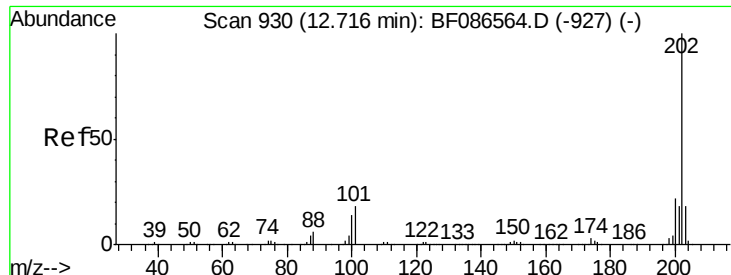


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





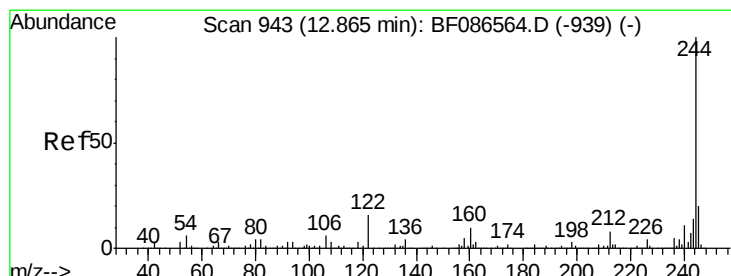
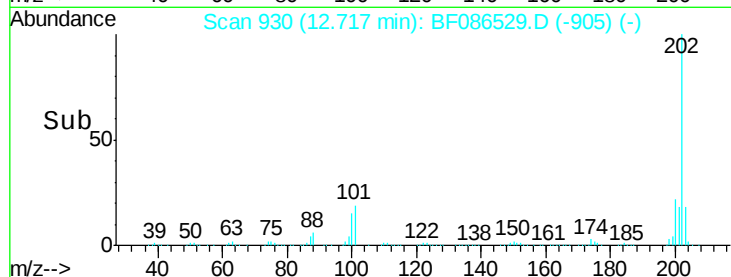
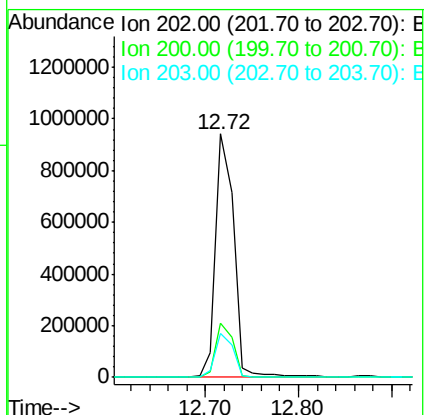
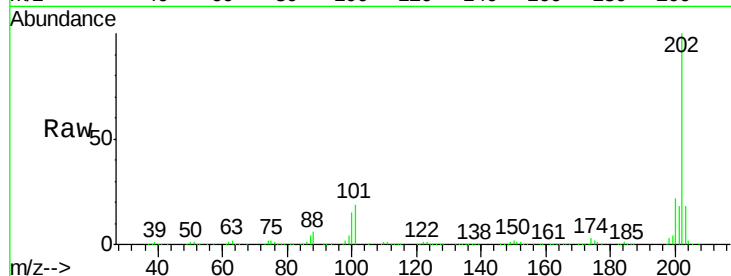
#77
 Pyrene
 Concen: 40.99 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.2	14.2	21.4

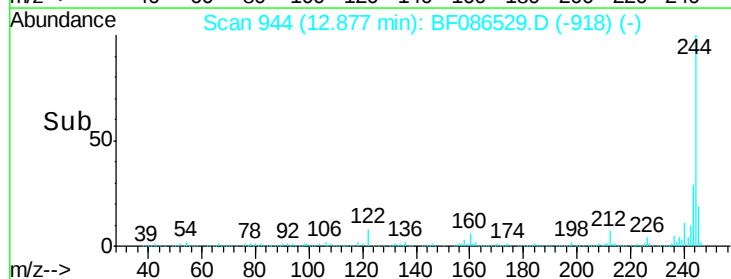
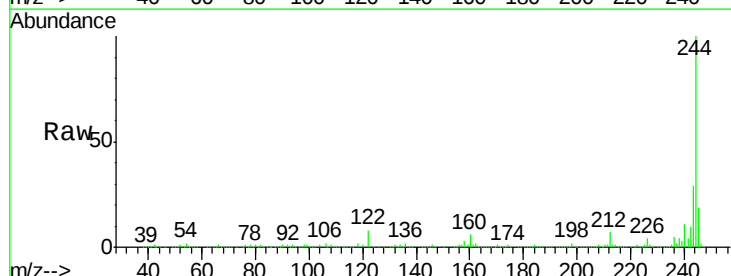
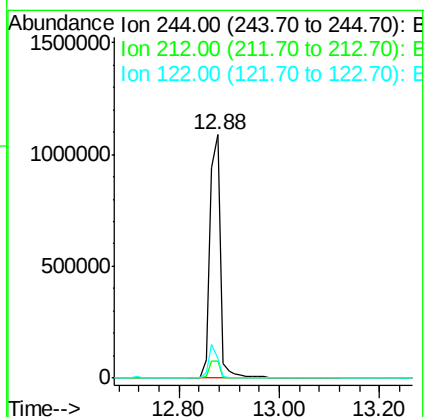
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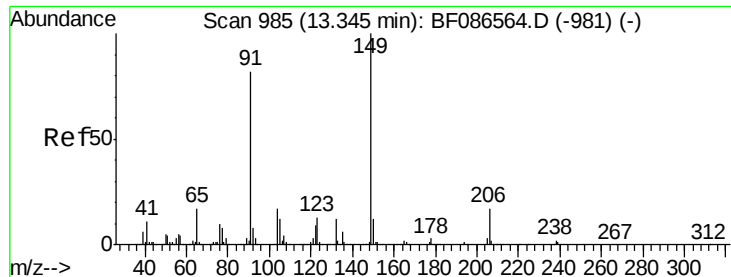
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#78
 Terphenyl-d14
 Concen: 81.25 ng
 RT: 12.88 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	7.8	12.0	18.0#





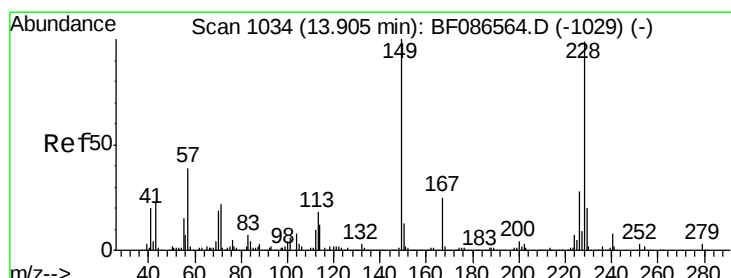
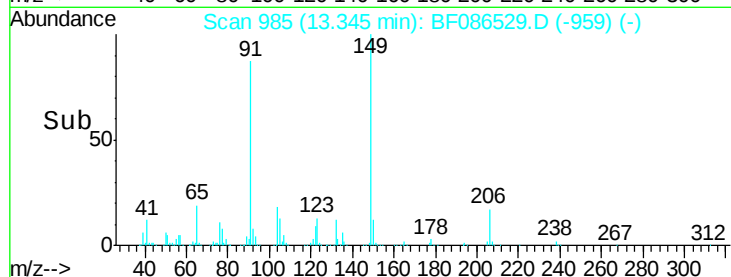
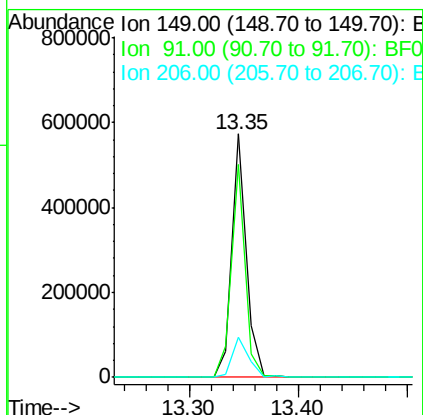
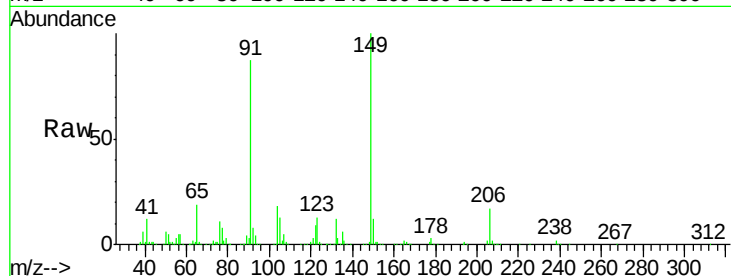
#79
Butylbenzylphthalate
Concen: 39.79 ng
RT: 13.35 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	532277		
91	87.3	48.0	72.0#	
206	16.6	15.8	23.6	

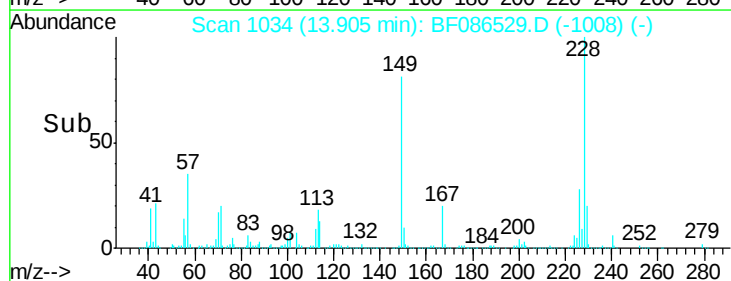
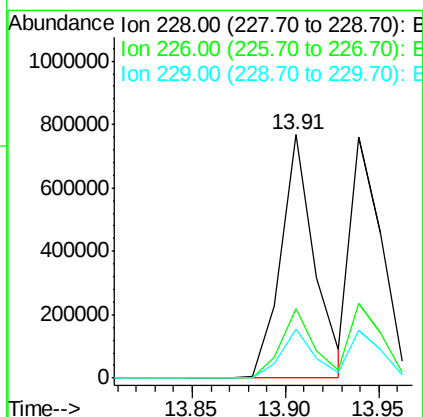
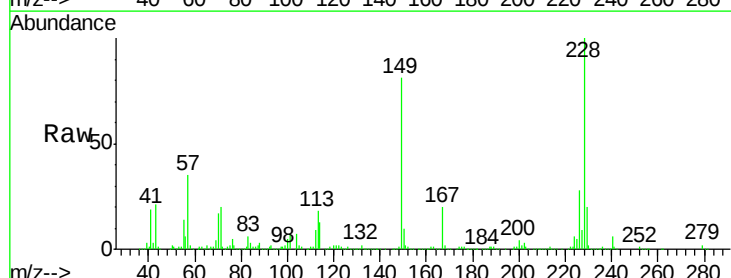
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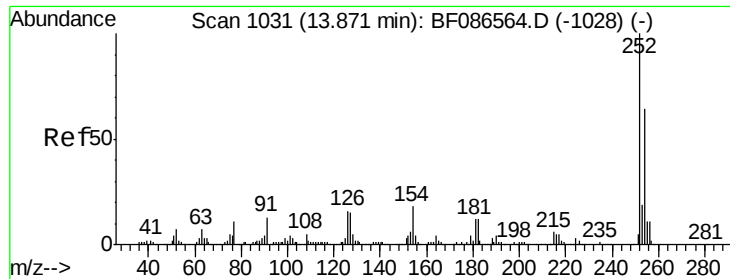
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#80
Benzo(a)anthracene
Concen: 42.12 ng
RT: 13.91 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	962633		
226	28.4	22.5	33.7	
229	20.2	16.6	25.0	





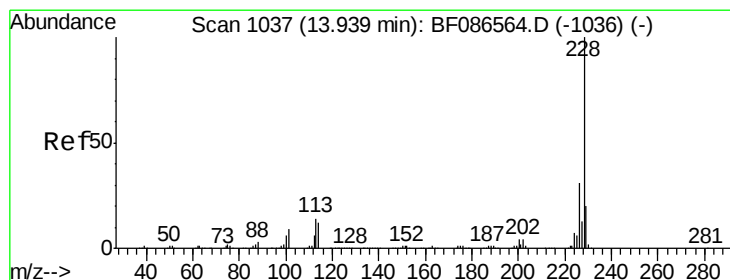
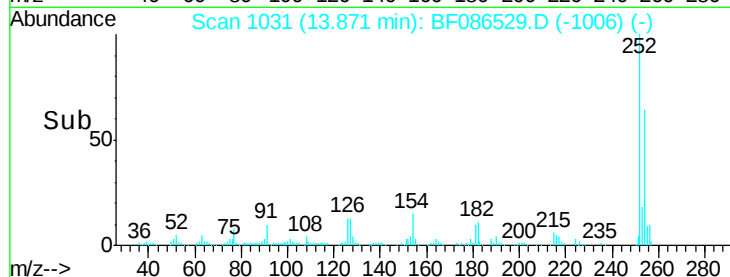
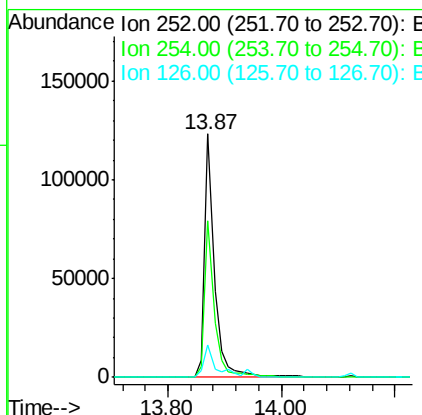
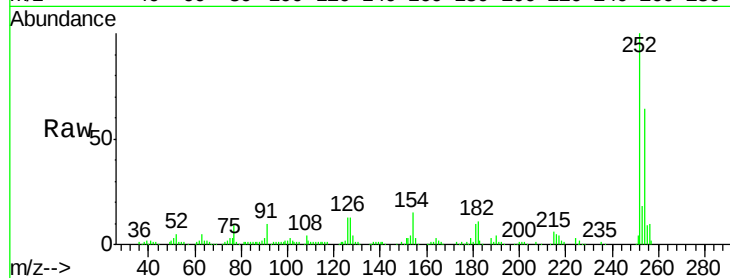
#81
 3,3'-Dichlorobenzidine
 Concen: 9.48 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.3	50.7	76.1
126	13.1	12.7	19.1

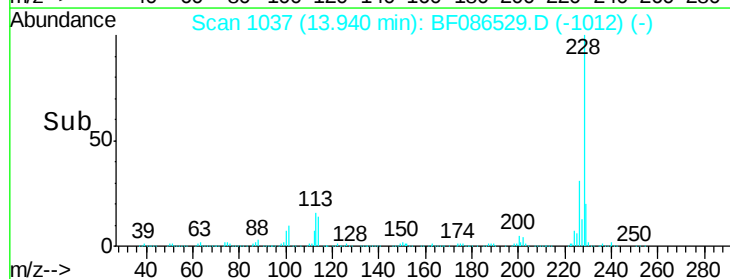
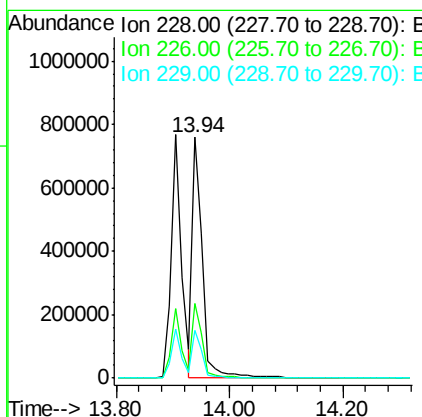
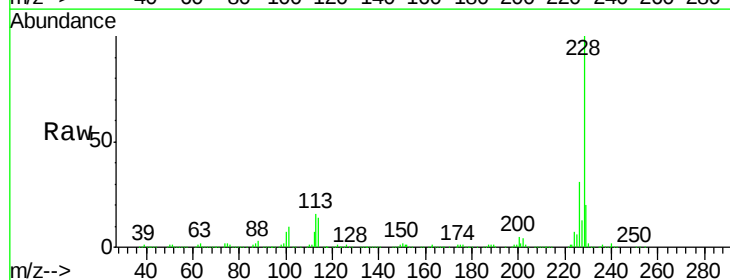
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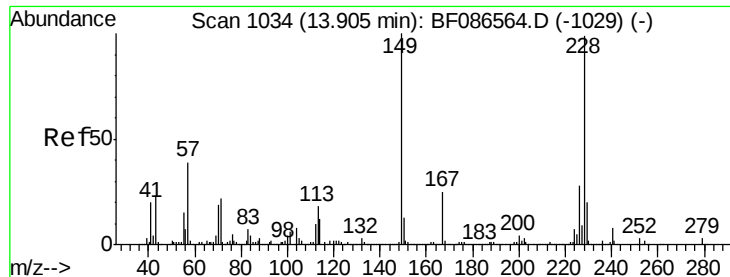
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#82
 Chrysene
 Concen: 38.22 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	24.4	36.6
229	20.1	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.03 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

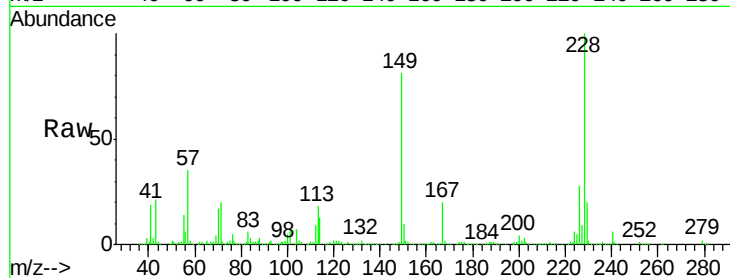
ClientSampleId :

PB90186BS

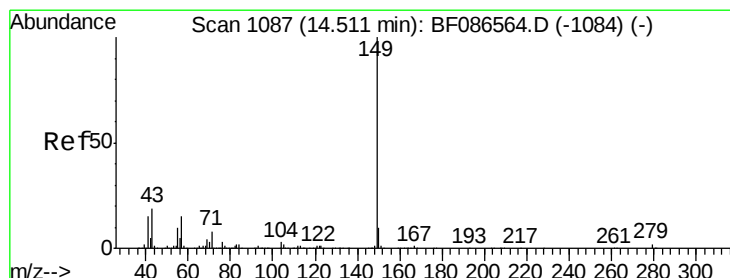
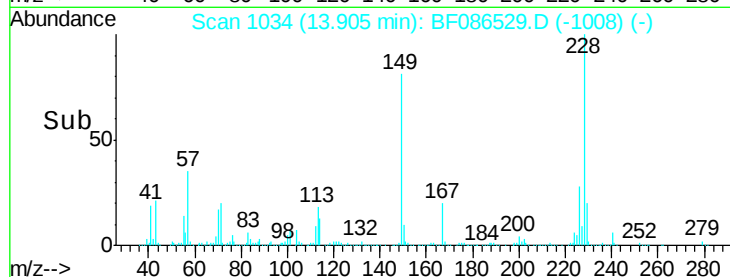
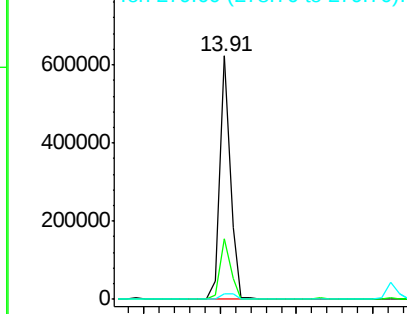
Tgt Ion:	149	Resp:	598261
Ion Ratio	Lower	Upper	
149	100		
167	24.8	21.8	32.6
279	2.3	2.6	4.0#

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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: 38.95 ng

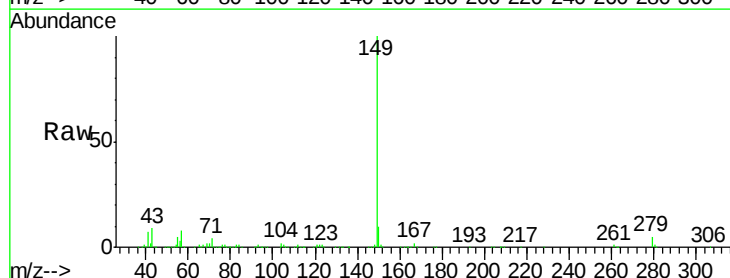
RT: 14.52 min Scan# 1088

Delta R.T. 0.00 min

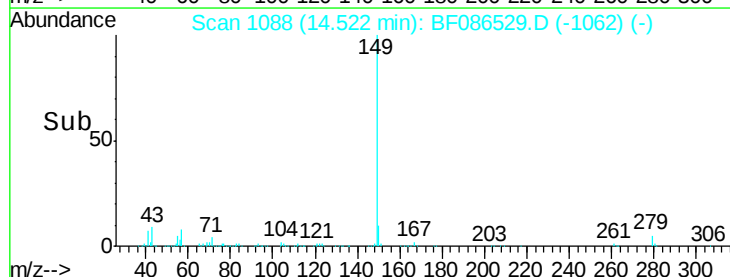
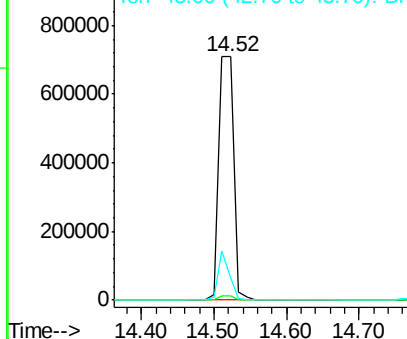
Lab File: BF086529.D

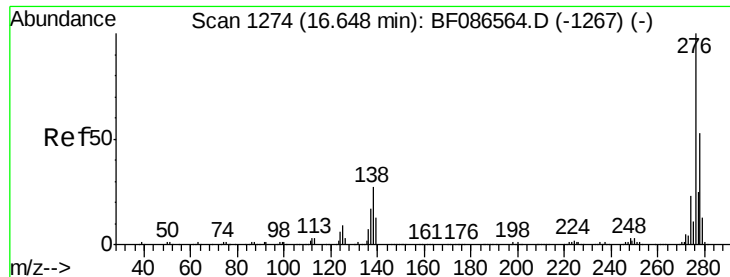
Acq: 30 Apr 2016 17:49

Tgt Ion:	149	Resp:	1012742
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	14.9	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





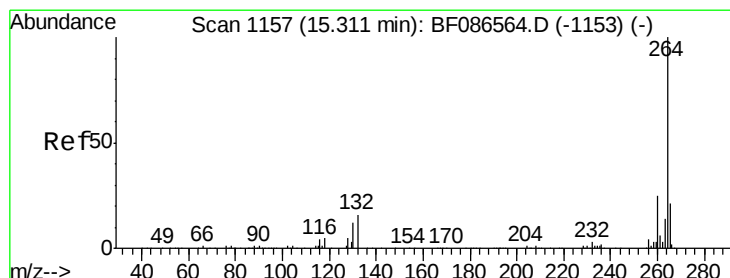
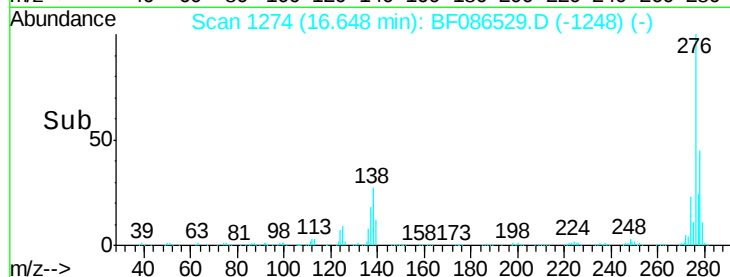
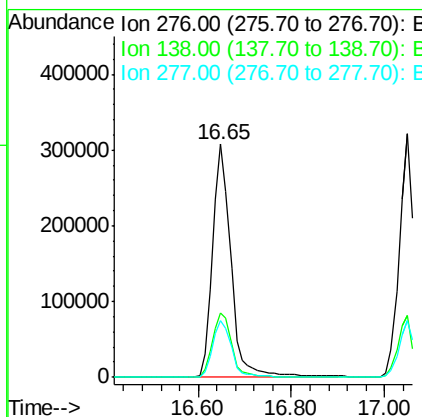
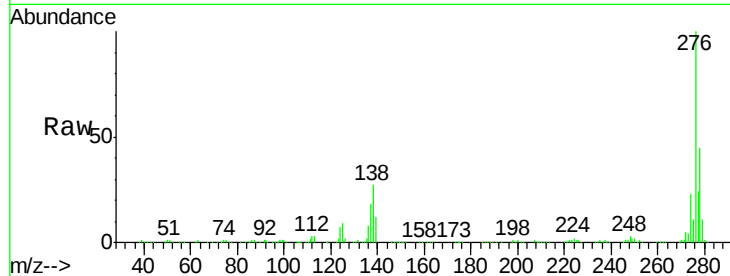
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.21 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.3	25.6	38.4
277	25.3	20.5	30.7

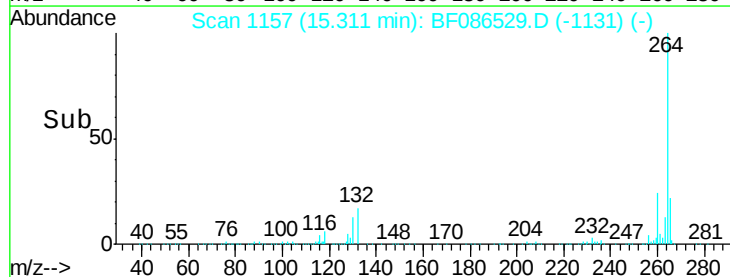
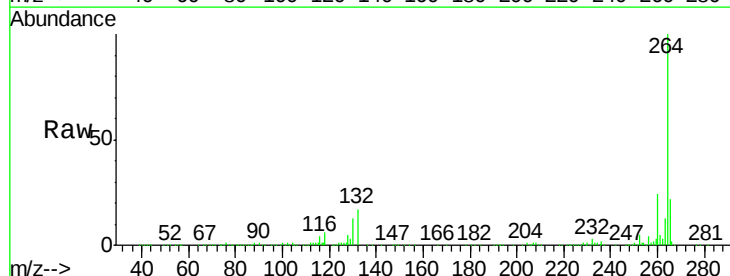
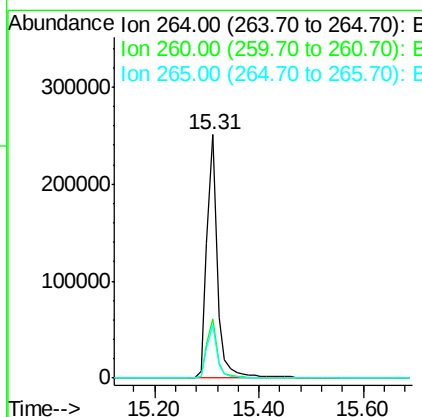
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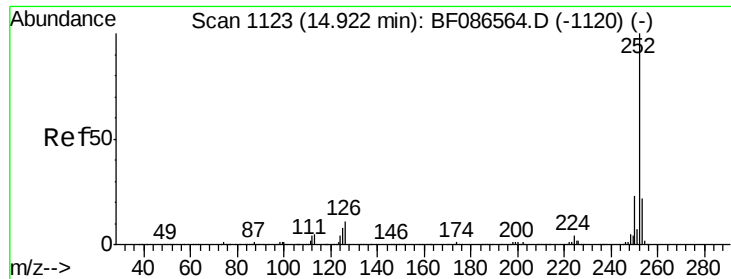
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 44.53 ng m

RT: 14.92 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF086529.D

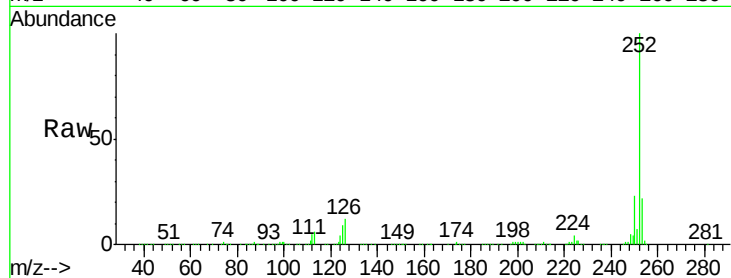
Acq: 30 Apr 2016 17:49

Instrument :

BNA_F

ClientSampleId :

PB90186BS



Tgt Ion: 252 Resp: 935829

Ion Ratio Lower Upper

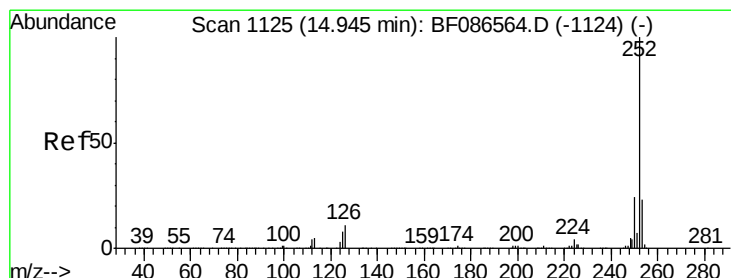
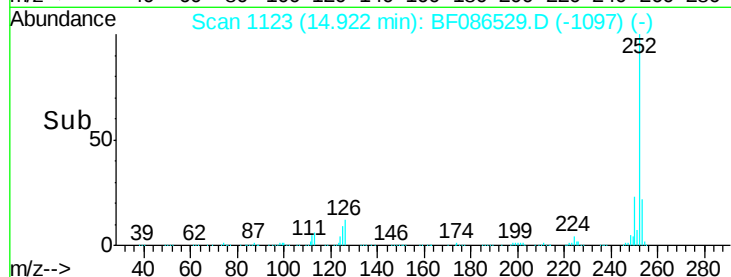
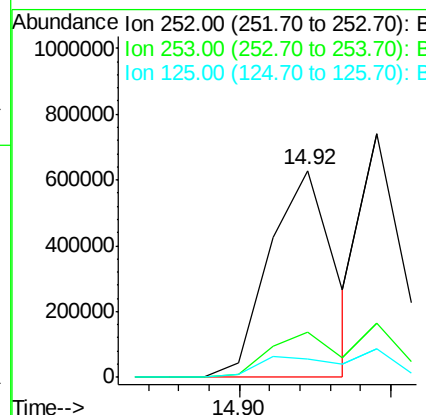
252 100

253 22.0 17.8 26.6

125 9.1 11.4 17.0#

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#88

Benzo(k)fluoranthene

Concen: 35.39 ng m

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086529.D

Acq: 30 Apr 2016 17:49

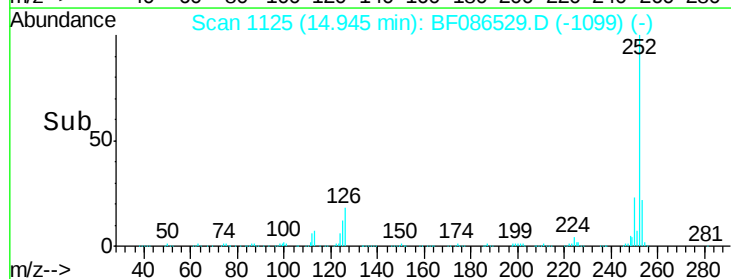
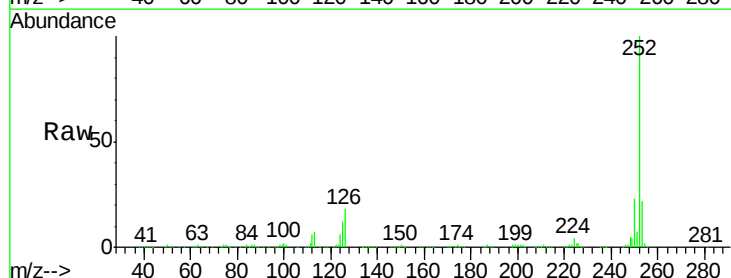
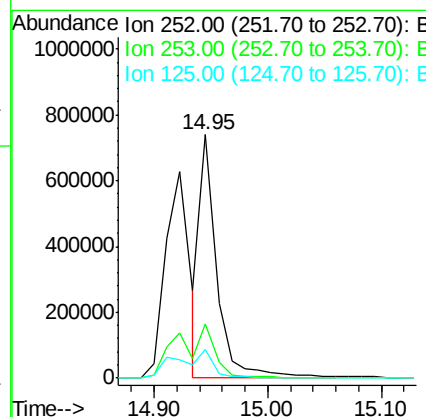
Tgt Ion: 252 Resp: 775926

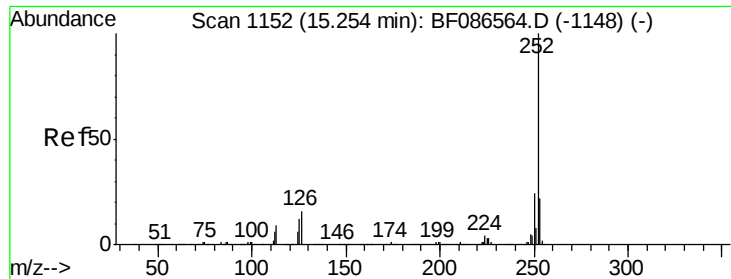
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 11.8 9.1 13.7





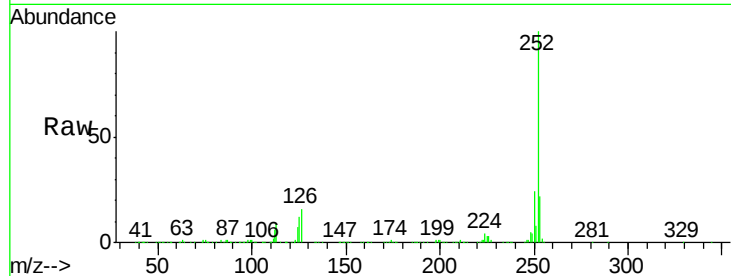
#89
Benzo(a)pyrene
Concen: 40.33 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Instrument :
BNA_F
ClientSampleId :
PB90186BS

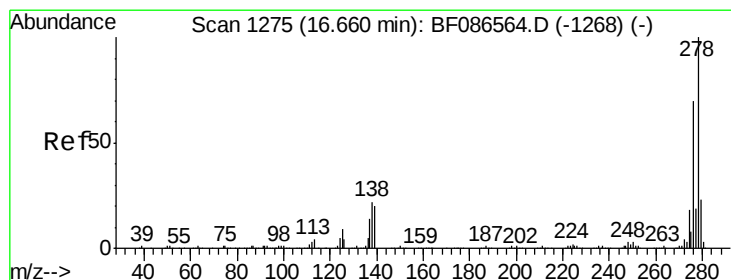
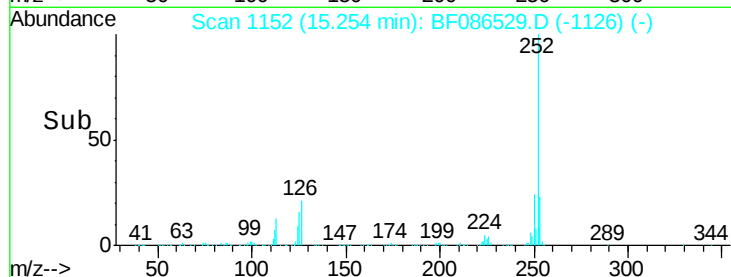
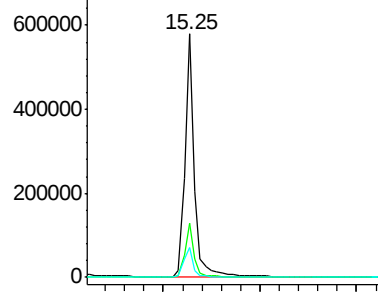
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	12.4	9.0	13.6

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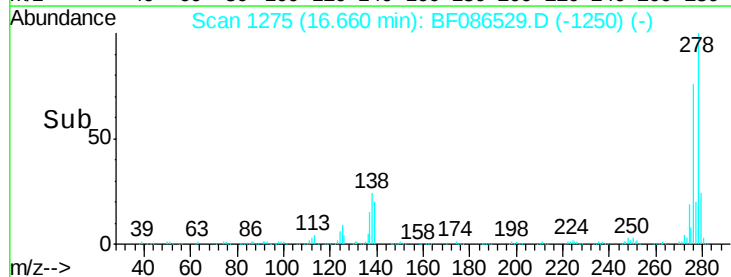
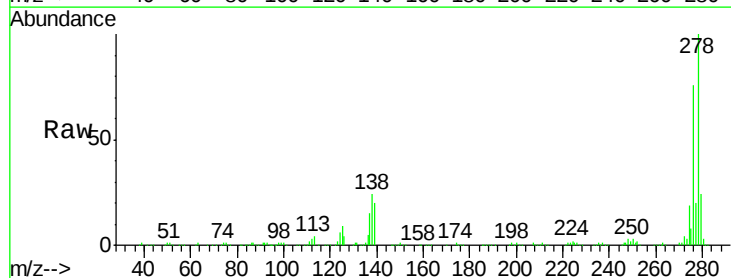
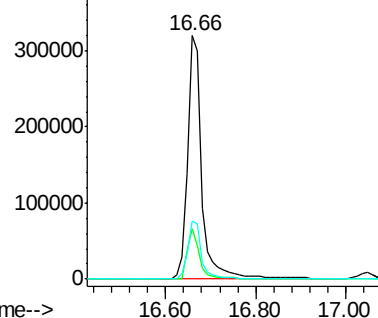
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

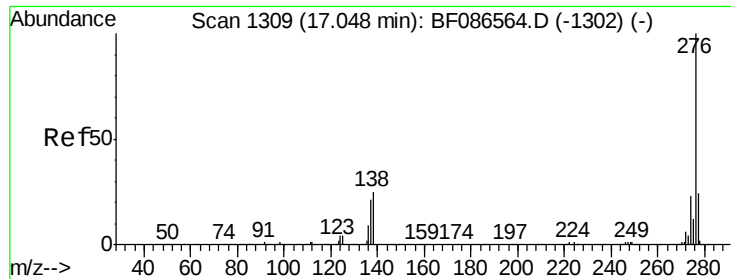


#90
Dibenzo(a,h)anthracene
Concen: 43.49 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086529.D
Acq: 30 Apr 2016 17:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.5	16.6	24.8
279	23.7	19.6	29.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 44.15 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086529.D
 Acq: 30 Apr 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB90186BS

Tgt Ion:	276	Resp:	718445
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.6	29.4
138	25.3	23.6	35.4

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