

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086536.D
 Acq On : 30 Apr 2016 21:08
 Operator : UM/SJ
 Sample : PB90099BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS

Manual Integrations
 APPROVED

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 5/2/2016 7:54:11 PM

Quant Time: May 01 05:10:50 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	132801	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	594906	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	283899	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	570294	20.00	ng	0.00
75) Chrysene-d12	13.92	240	450774	20.00	ng	0.00
86) Perylene-d12	15.31	264	353744	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	835904	108.57	ng	0.01
7) Phenol-d6	6.41	99	1076689	100.20	ng	0.00
23) Nitrobenzene-d5	7.33	82	688967	62.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	285223	95.27	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1158633	68.23	ng	-0.01
78) Terphenyl-d14	12.86	244	1136398	55.54	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	115468	28.55	ng	# 76
3) Pyridine	3.06	79	305539	31.92	ng	# 73
4) n-Nitrosodimethylamine	3.00	42	186017	34.10	ng	# 60
6) Aniline	6.43	93	275082	21.15	ng	97
8) 2-Chlorophenol	6.54	128	302426	31.54	ng	# 79
9) Benzaldehyde	6.30	77	42433	6.79	ng	96
10) Phenol	6.42	94	423172	35.30	ng	77
11) bis(2-Chloroethyl)ether	6.51	93	321473	31.02	ng	98
12) 1,3-Dichlorobenzene	6.70	146	316334	30.67	ng	95
13) 1,4-Dichlorobenzene	6.78	146	331755	31.17	ng	97
14) 1,2-Dichlorobenzene	6.93	146	303300	31.08	ng	96
15) Benzyl Alcohol	6.91	79	249417	36.69	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	625477	30.15	ng	89
17) 2-Methylphenol	7.04	107	258274	33.32	ng	96
18) Hexachloroethane	7.28	117	120518	30.30	ng	100
19) n-Nitroso-di-n-propylamine	7.18	70	233254	32.84	ng	# 74
20) 3+4-Methylphenols	7.18	107	314028	35.49	ng	# 90
22) Acetophenone	7.18	105	427495	32.77	ng	# 87
24) Nitrobenzene	7.36	77	334006	29.42	ng	# 86
25) Isophorone	7.60	82	657557	30.96	ng	97
26) 2-Nitrophenol	7.68	139	157966	30.22	ng	93
27) 2,4-Dimethylphenol	7.71	122	276904	30.19	ng	90
28) bis(2-Chloroethoxy)methane	7.81	93	389926	33.70	ng	100
29) 2,4-Dichlorophenol	7.92	162	267540	34.57	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	275815	30.72	ng	98
31) Naphthalene	8.08	128	962534	31.80	ng	100
32) Benzoic acid	7.84	122	128585	27.70	ng	89
33) 4-Chloroaniline	8.13	127	180786	15.95	ng	98
34) Hexachlorobutadiene	8.19	225	141417	28.10	ng	98
35) Caprolactam	8.49	113	86755m	33.60	ng	
36) 4-Chloro-3-methylphenol	8.61	107	287746	32.48	ng	93
37) 2-Methylnaphthalene	8.76	142	569560	31.89	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	251531	30.95	ng	97
40) Hexachlorocyclopentadiene	8.92	237	245844	60.88	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	177909	34.63	ng	95
43) 2,4,5-Trichlorophenol	9.09	196	181452	32.41	ng	98
45) 1,1'-Biphenyl	9.23	154	748551	31.54	ng	97
46) 2-Chloronaphthalene	9.25	162	564324	31.28	ng	96
47) 2-Nitroaniline	9.36	65	202779	35.05	ng	96
48) Acenaphthylene	9.66	152	860805	30.52	ng	99
49) Dimethylphthalate	9.54	163	699797	32.74	ng	99
50) 2,6-Dinitrotoluene	9.60	165	154431	34.98	ng	97
51) Acenaphthene	9.84	154	615139	33.96	ng	98
52) 3-Nitroaniline	9.76	138	106032	21.12	ng	# 78
53) 2,4-Dinitrophenol	9.87	184	142714	61.16	ng	# 86
54) Dibenzofuran	10.01	168	777490	34.34	ng	96
55) 4-Nitrophenol	9.93	139	208238	63.33	ng	# 60
56) 2,4-Dinitrotoluene	10.00	165	190180	33.79	ng	94
57) Fluorene	10.35	166	581625	29.59	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	166073	37.94	ng	92
59) Diethylphthalate	10.24	149	683421	33.78	ng	97
60) 4-Chlorophenyl-phenylether	10.35	204	280902	31.47	ng	# 82
61) 4-Nitroaniline	10.37	138	166204	33.86	ng	# 77
62) Azobenzene	10.51	77	773125	34.89	ng	88
64) 4,6-Dinitro-2-methylphenol	10.41	198	104525	31.22	ng	92
65) n-Nitrosodiphenylamine	10.46	169	534634	30.00	ng	100
66) 4-Bromophenyl-phenylether	10.83	248	176803	30.09	ng	91
67) Hexachlorobenzene	10.90	284	205996	30.28	ng	# 87
68) Atrazine	10.99	200	173496	32.42	ng	94
69) Pentachlorophenol	11.09	266	208709	58.20	ng	96
70) Phenanthrene	11.31	178	935079	31.24	ng	100
71) Anthracene	11.36	178	991247	31.04	ng	100
72) Carbazole	11.52	167	902289	31.87	ng	99
73) Di-n-butylphthalate	11.86	149	1038662	32.39	ng	98
74) Fluoranthene	12.49	202	956361	31.66	ng	100
76) Benzidine	12.61	184	288710	18.64	ng	97
77) Pyrene	12.72	202	946902	29.15	ng	99
79) Butylbenzylphthalate	13.35	149	425250	30.23	ng	# 79
80) Benzo(a)anthracene	13.91	228	790400	32.89	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	162275	10.10	ng	95
82) Chrysene	13.94	228	746409	28.57	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	485050	27.78	ng	97
84) Di-n-octyl phthalate	14.51	149	794501	29.05	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.65	276	653263	33.75	ng	97
87) Benzo(b)fluoranthene	14.92	252	789721m	37.95	ng	
88) Benzo(k)fluoranthene	14.95	252	607700m	28.00	ng	
89) Benzo(a)pyrene	15.25	252	643609	32.76	ng	100
90) Dibenzo(a,h)anthracene	16.66	278	547197	34.03	ng	96
91) Benzo(g,h,i)perylene	17.04	276	548234	34.02	ng	96

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

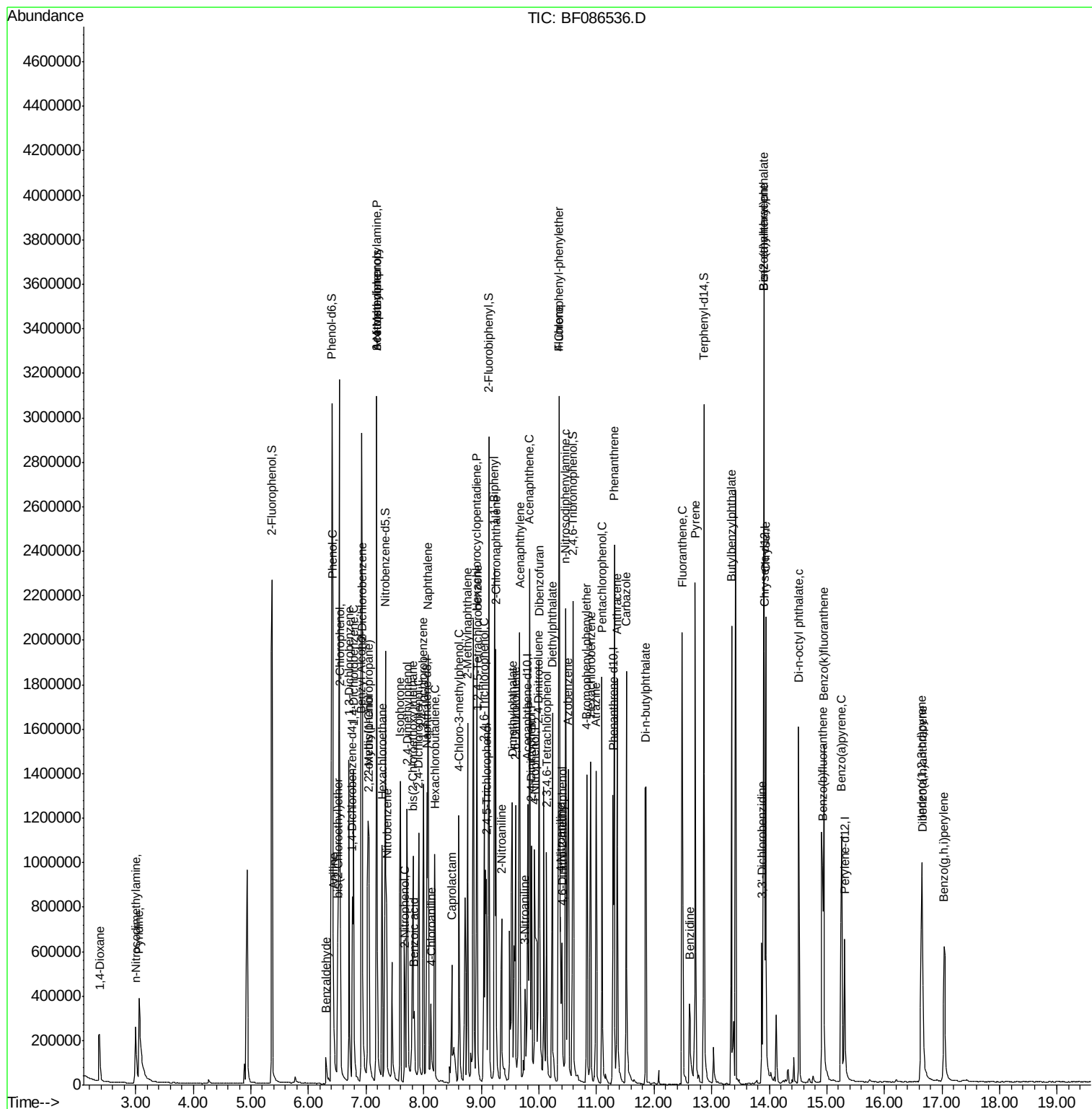
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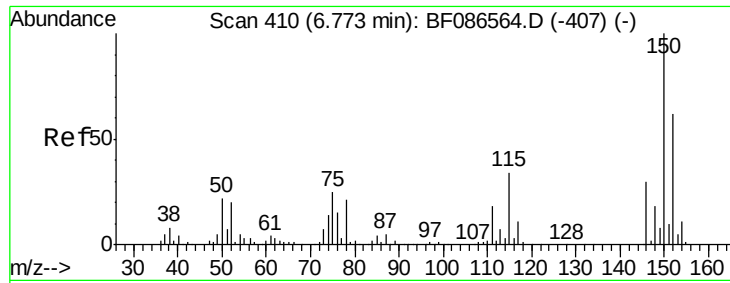
Instrument :
 BNA_F
 Client Sampled :
 PB90099BS

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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: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

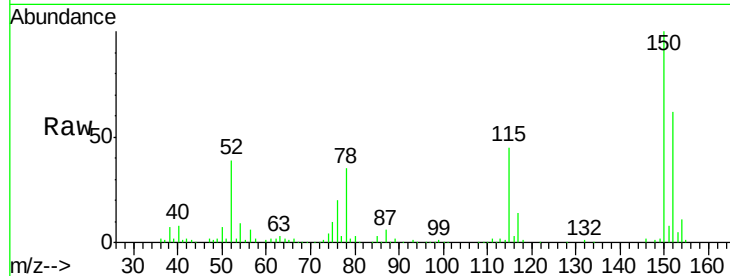
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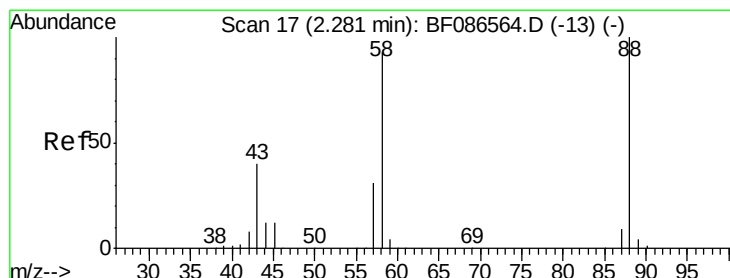
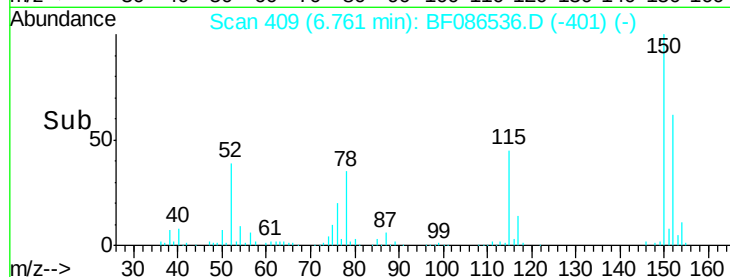
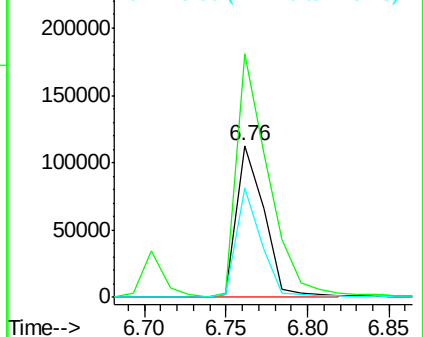
Manual Integrations
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Tgt Ion:	152	Resp:	132801
Ion Ratio	Lower	Upper	
152	100		
150	160.3	125.8	188.6
115	72.1	51.5	77.3



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 28.55 ng

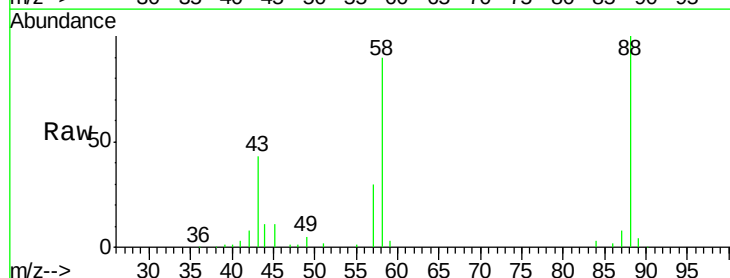
RT: 2.37 min Scan# 25

Delta R.T. 0.08 min

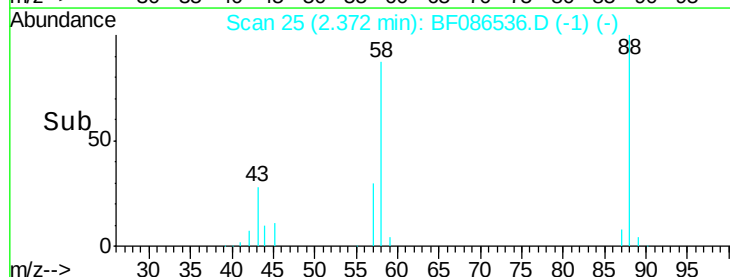
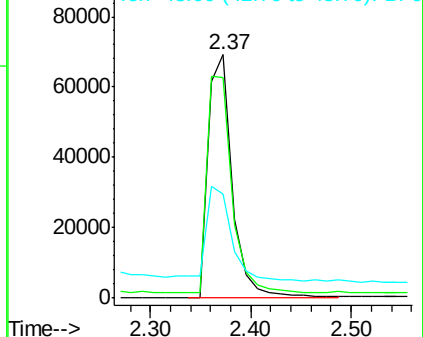
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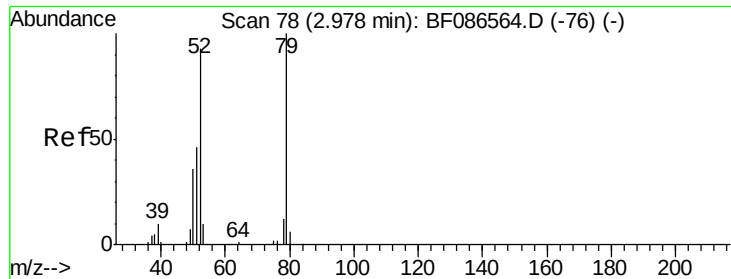
Acq: 30 Apr 2016 21:08

Tgt Ion:	88	Resp:	115468
Ion Ratio	Lower	Upper	
88	100		
58	92.0	59.6	89.4#
43	44.3	21.8	32.6#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.92 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

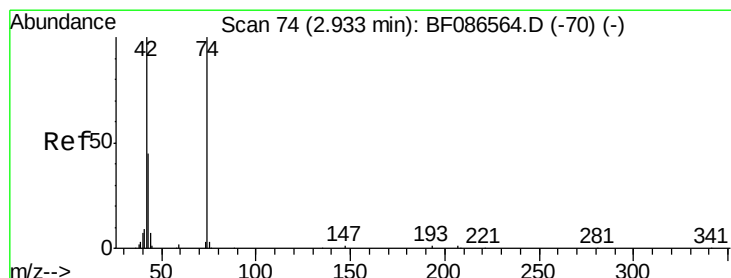
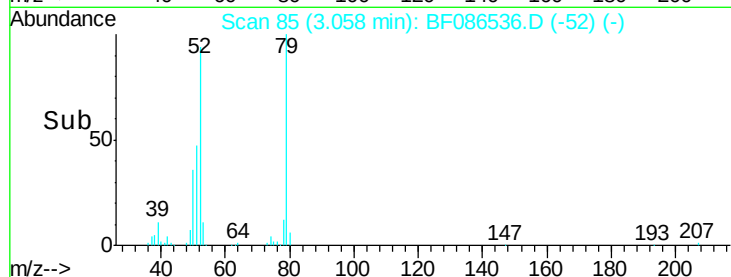
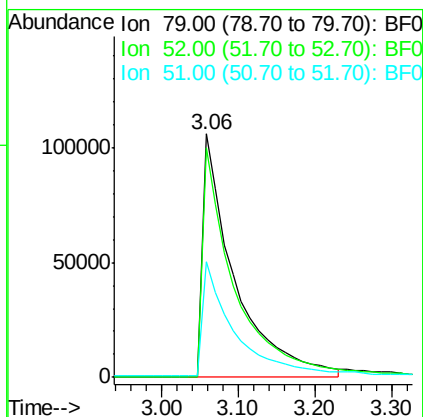
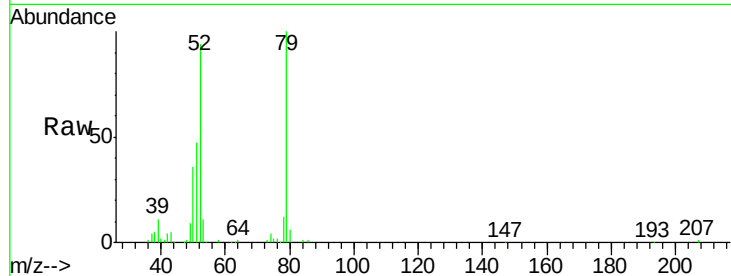
ClientSampleId :

PB90099BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	94.3	55.9	83.9#
51	47.4	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 34.10 ng

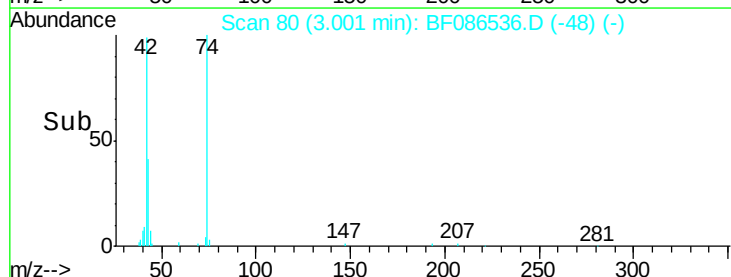
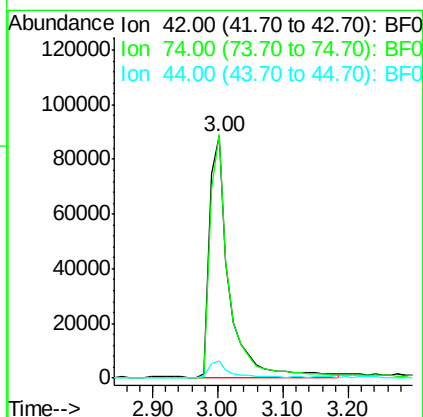
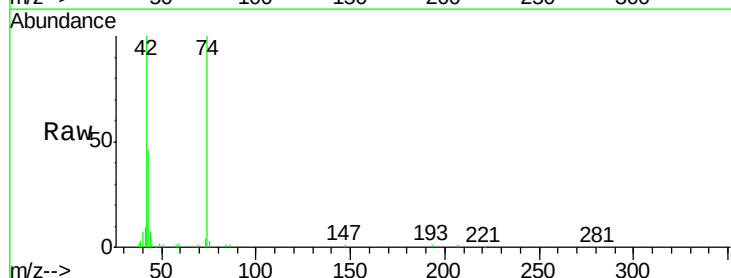
RT: 3.00 min Scan# 80

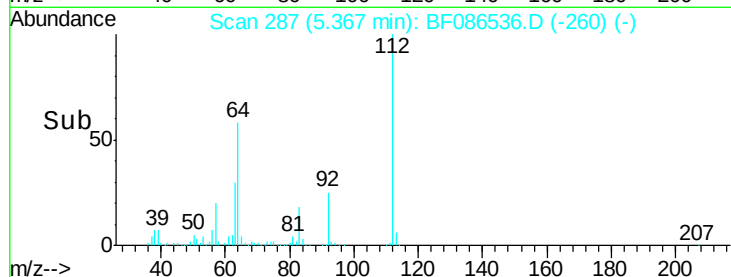
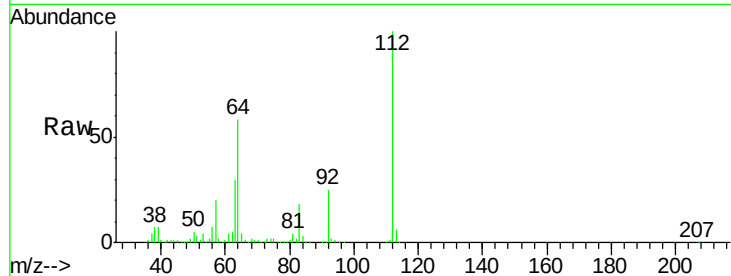
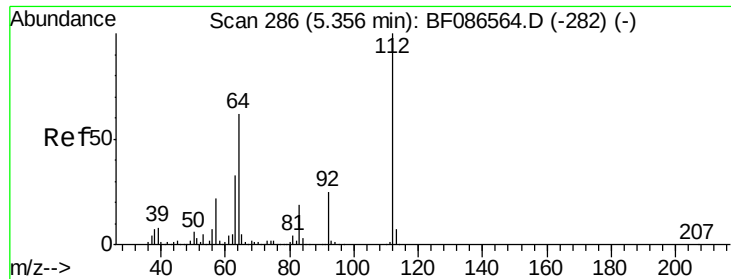
Delta R.T. 0.07 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Lower	Upper
42	100		
74	100.5	123.4	185.0#
44	7.1	5.8	8.6





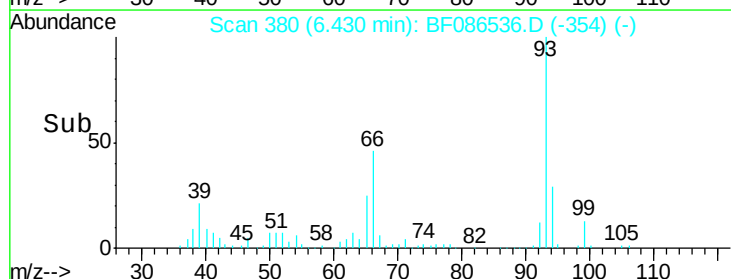
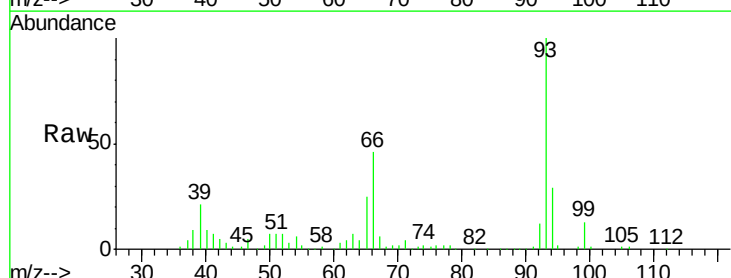
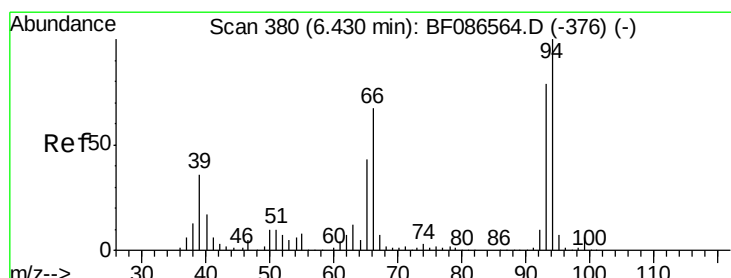
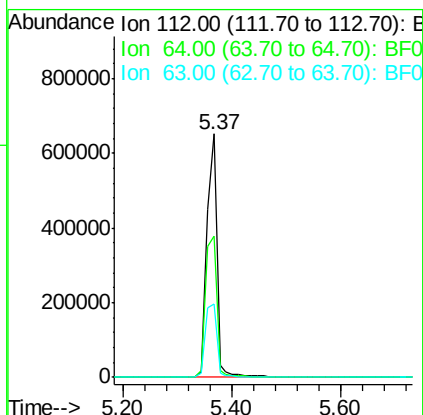
#5
2-Fluorophenol
Concen: 108.57 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	835904		
64	57.9	52.1	78.1	
63	30.3	25.7	38.5	

Instrument :
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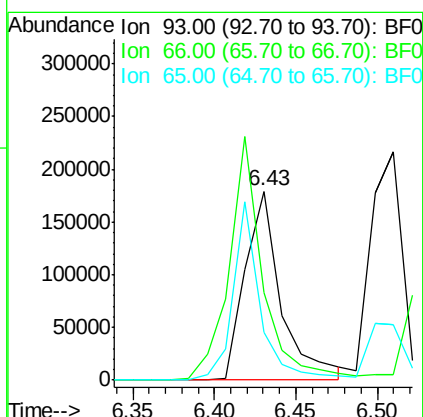
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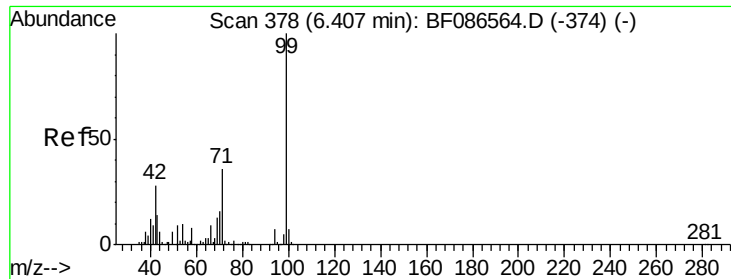
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#6
Aniline
Concen: 21.15 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	275082		
66	46.3	39.0	58.6	
65	25.3	20.6	31.0	





#7

Phenol-d6

Concen: 100.20 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086536.D

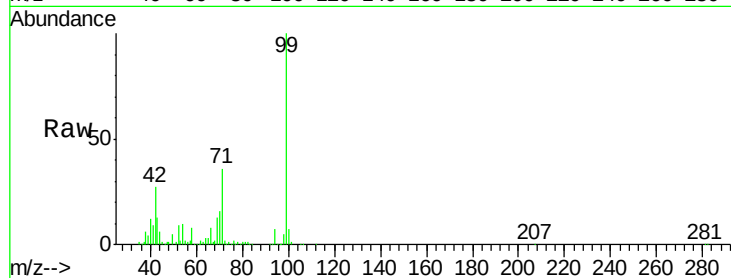
Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB90099BS



Tgt Ion: 99 Resp: 1076689

Ion Ratio Lower Upper

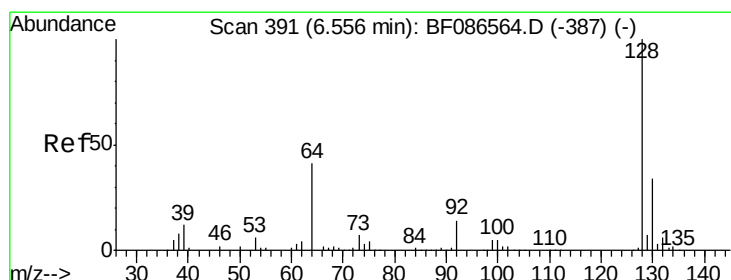
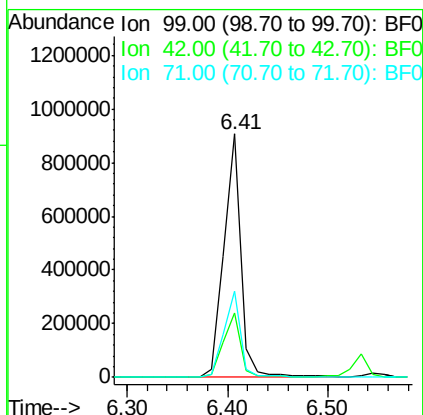
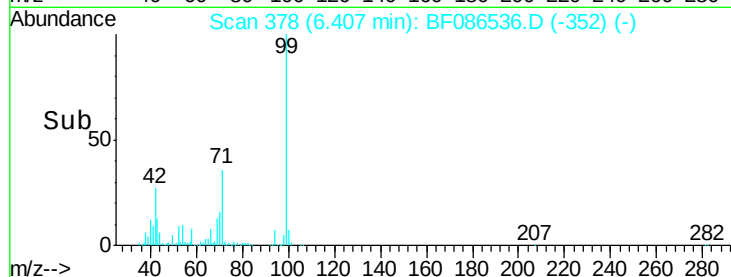
99 100

42 26.6 13.6 20.4#

71 35.5 24.6 36.8

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#8

2-Chlorophenol

Concen: 31.54 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

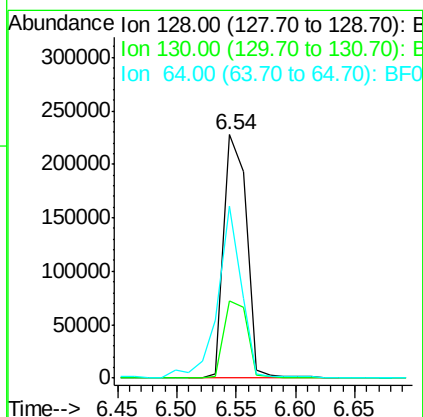
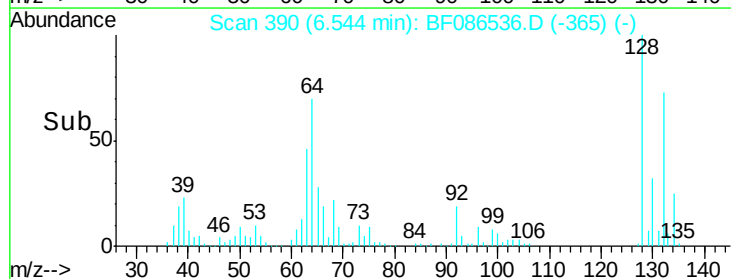
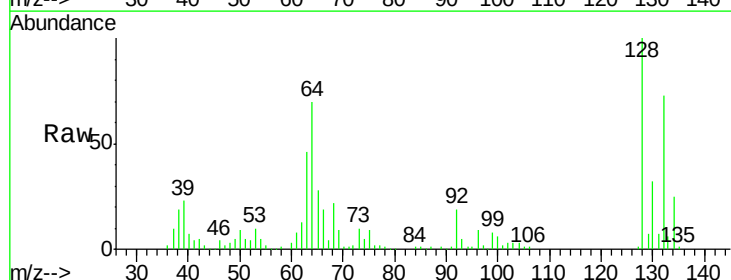
Tgt Ion: 128 Resp: 302426

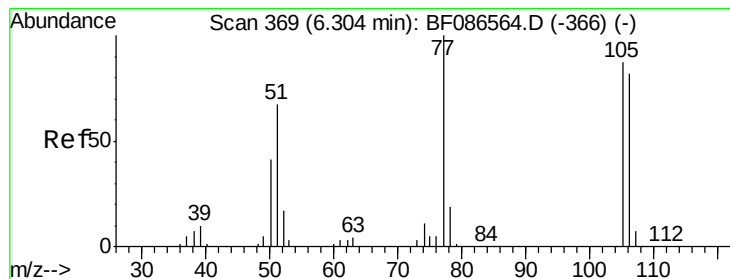
Ion Ratio Lower Upper

128 100

130 31.8 12.5 52.5

64 70.5 27.3 67.3#





#9

Benzaldehyde

Concen: 6.79 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086536.D

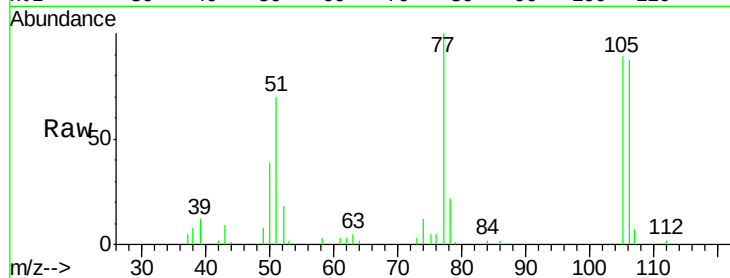
Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB90099BS



Tgt Ion: 77 Resp: 42433

Ion Ratio Lower Upper

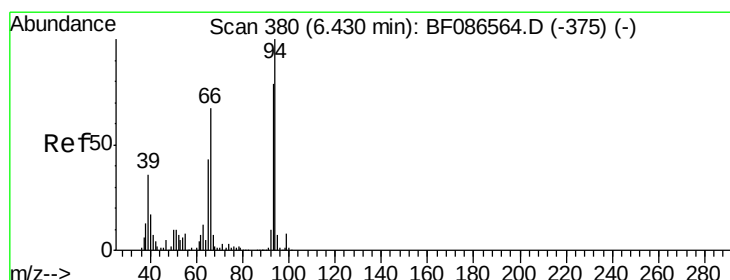
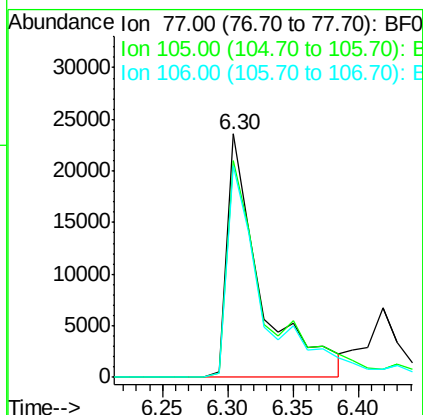
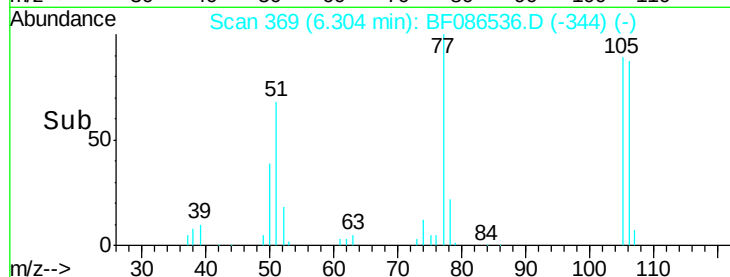
77 100

105 88.9 72.7 112.7

106 86.7 70.8 110.8

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#10

Phenol

Concen: 35.30 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

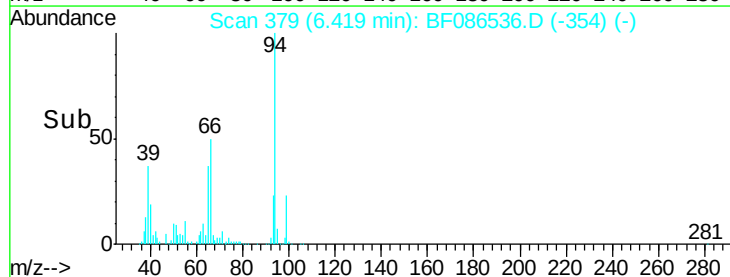
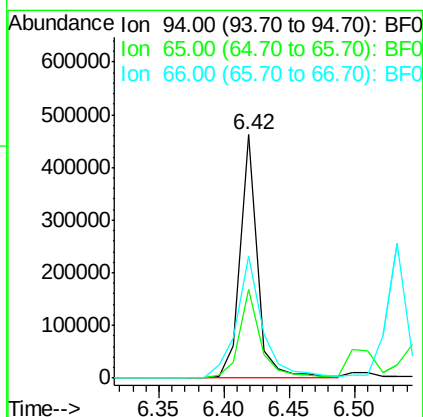
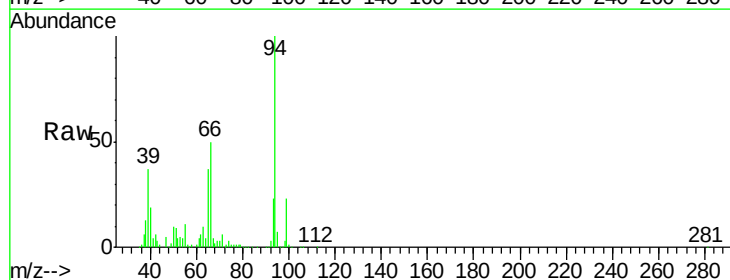
Tgt Ion: 94 Resp: 423172

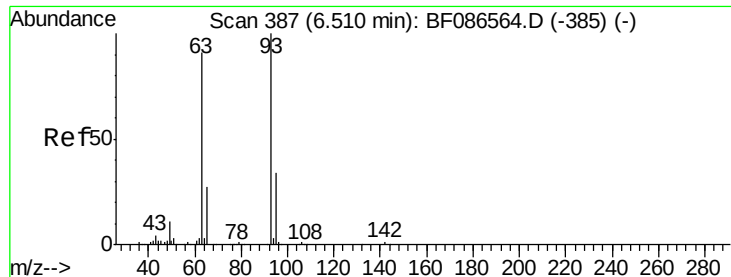
Ion Ratio Lower Upper

94 100

65 36.7 7.2 47.2

66 50.0 14.9 54.9





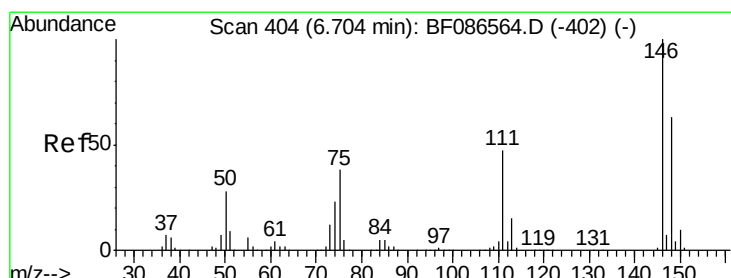
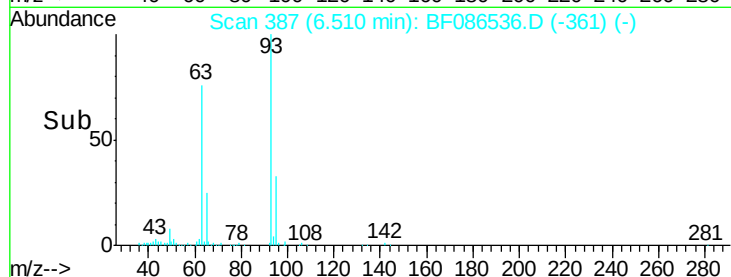
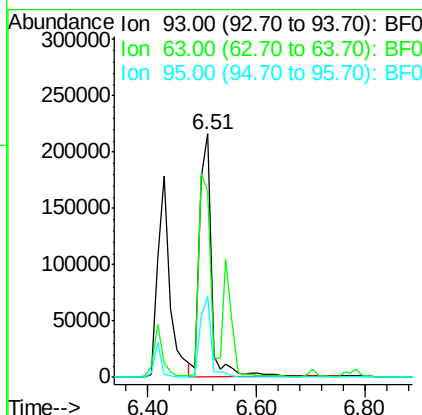
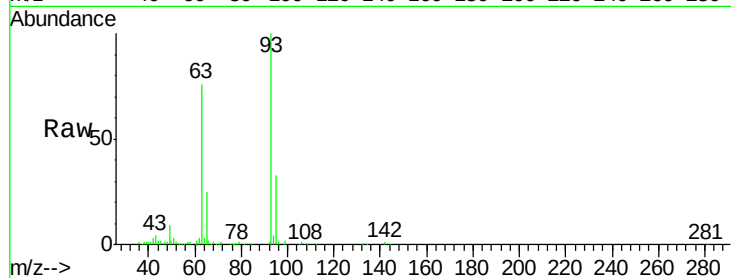
#11
bis(2-Chloroethyl)ether
Concen: 31.02 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion:	93	Resp:	321473
Ion	Ratio	Lower	Upper
93	100		
63	76.3	58.0	98.0
95	33.4	11.9	51.9

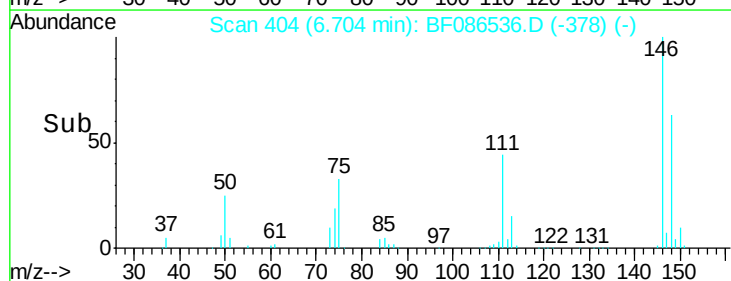
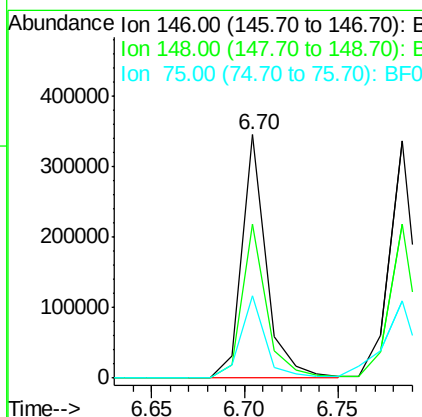
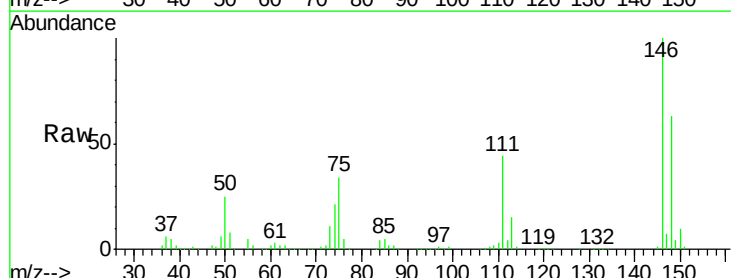
Manual Integrations
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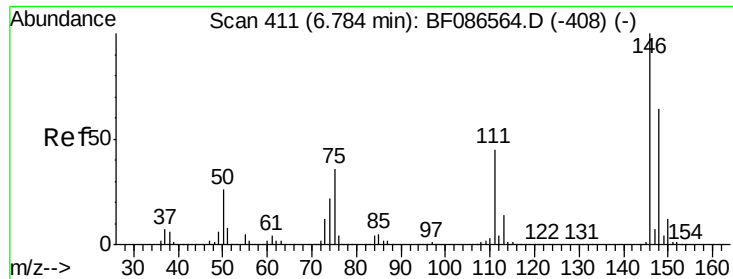
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#12
1,3-Dichlorobenzene
Concen: 30.67 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion:	146	Resp:	316334
Ion	Ratio	Lower	Upper
146	100		
148	63.4	52.4	78.6
75	33.9	22.8	34.2





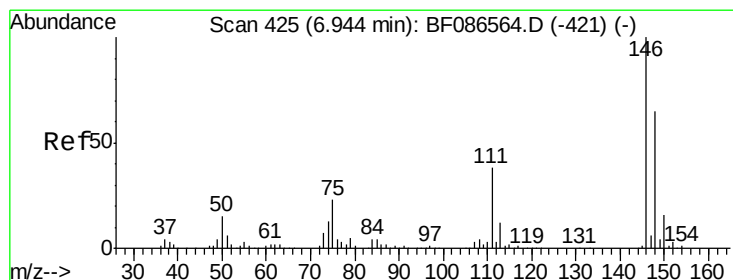
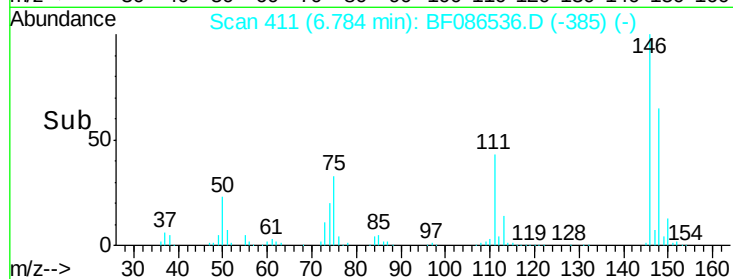
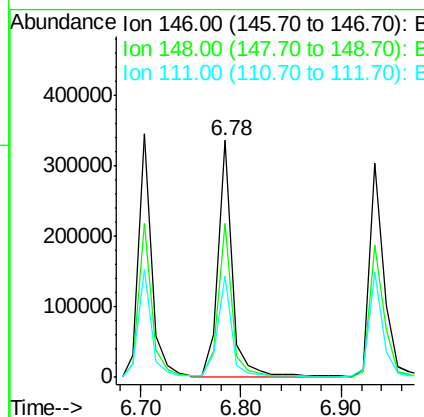
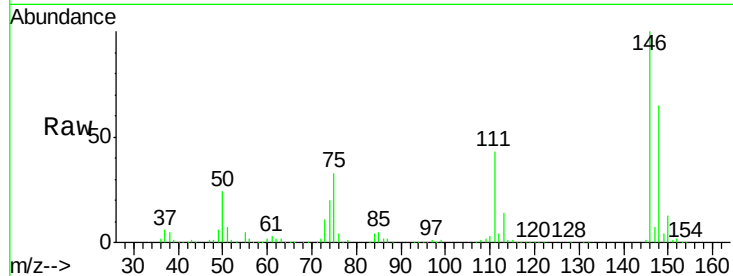
#13
 1,4-Dichlorobenzene
 Concen: 31.17 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	331755		
148	64.9	52.2	78.4	
111	42.8	30.7	46.1	

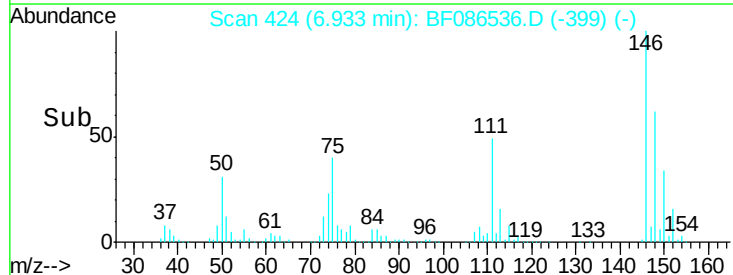
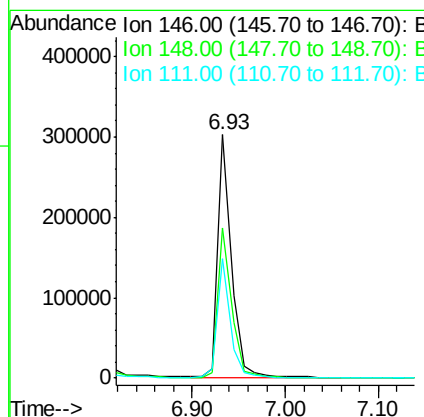
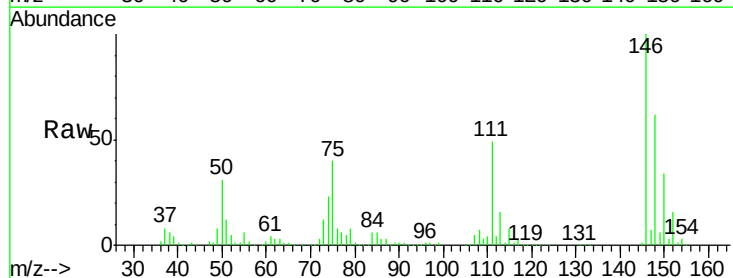
Manual Integrations
 APPROVED

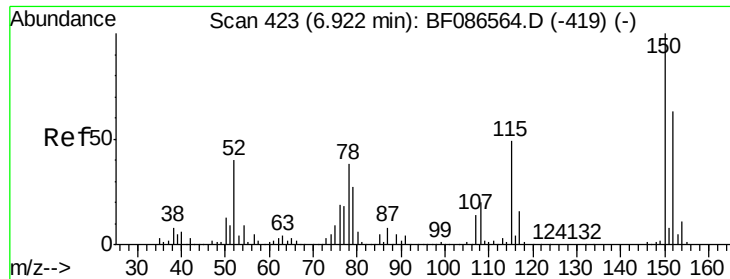
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#14
 1,2-Dichlorobenzene
 Concen: 31.08 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	303300		
148	61.7	51.0	76.6	
111	49.0	36.2	54.4	





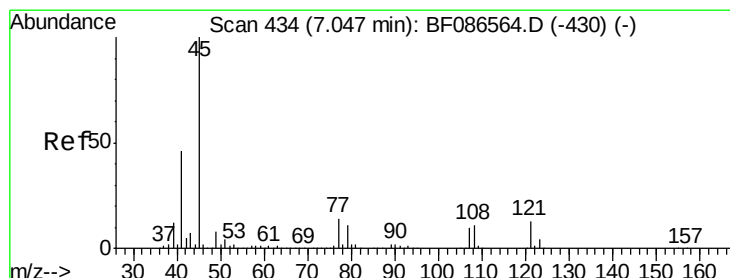
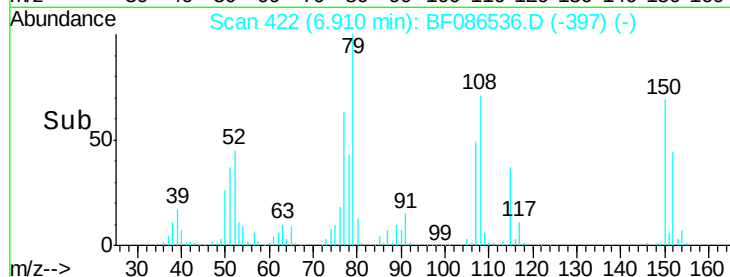
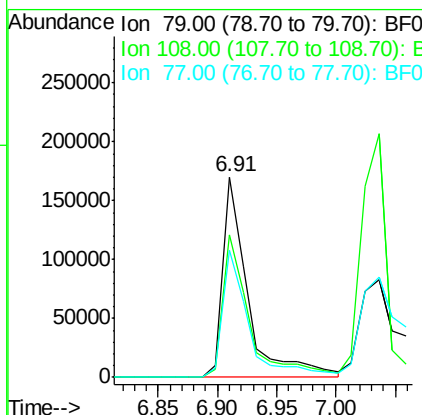
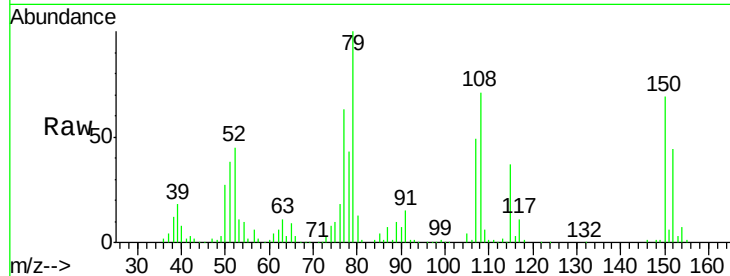
#15
Benzyl Alcohol
Concen: 36.69 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	249417		
108	71.4	68.4	102.6	
77	63.4	50.6	76.0	

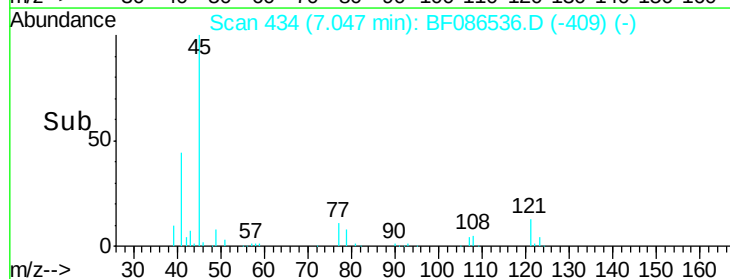
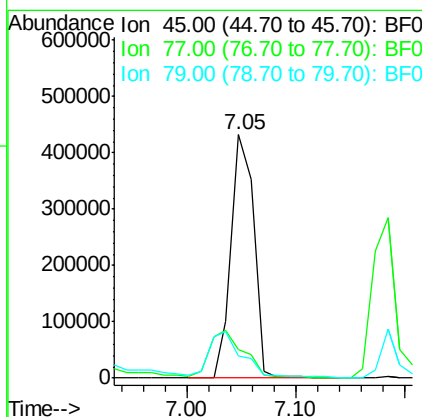
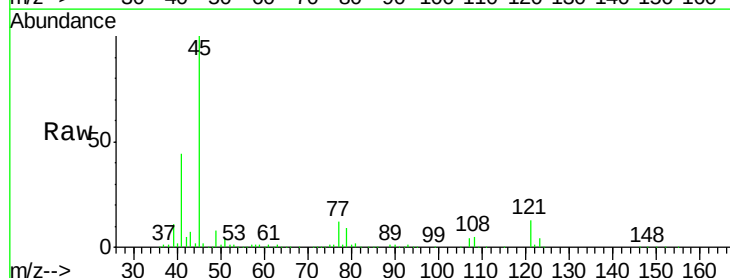
Manual Integrations
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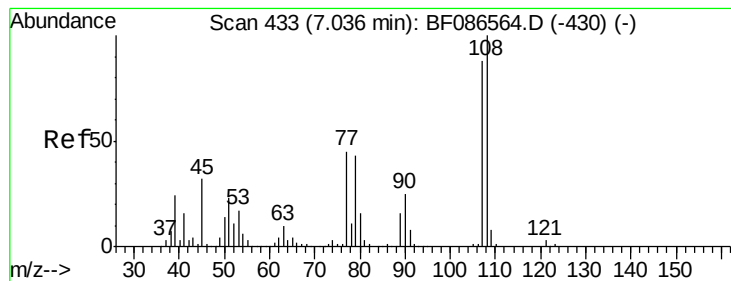
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.15 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	625477		
77	11.9	0.0	36.4	
79	9.2	0.0	33.4	





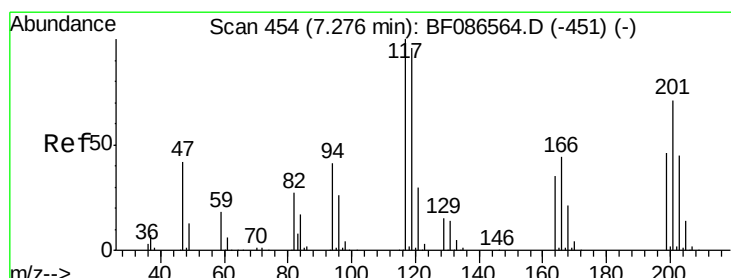
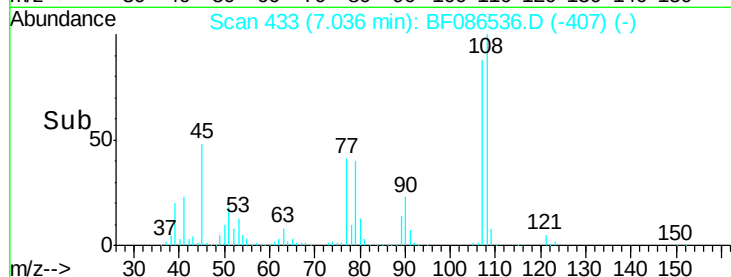
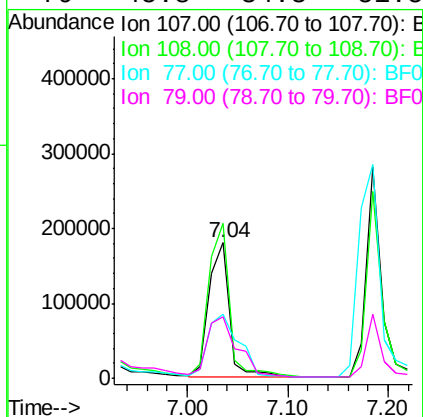
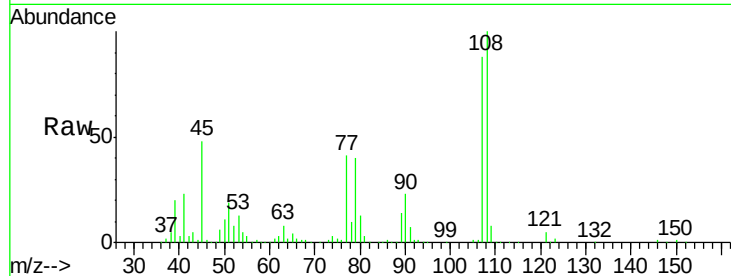
#17
2-Methylphenol
Concen: 33.32 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	258274		
108	114.2	93.7	140.5	
77	47.3	33.4	50.0	
79	45.8	34.3	51.5	

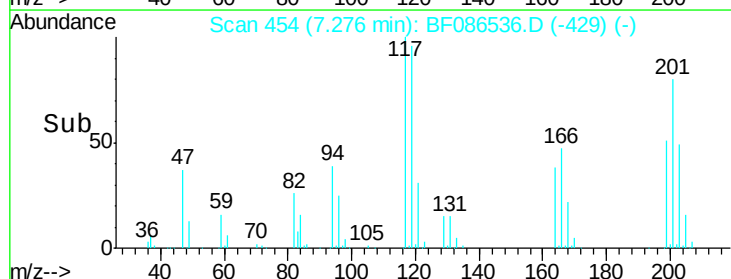
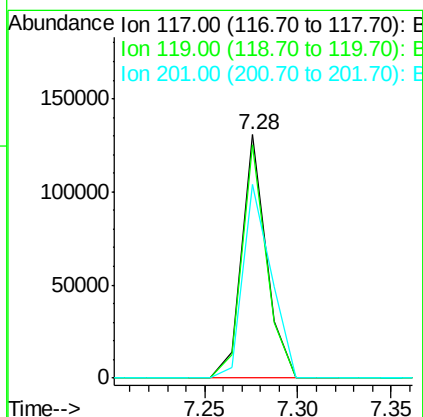
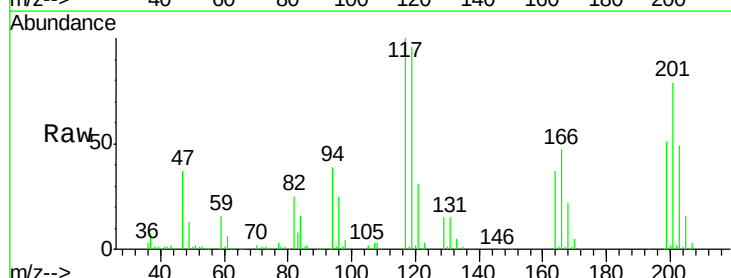
Manual Integrations
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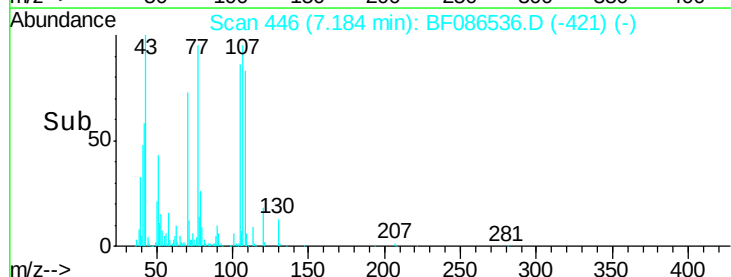
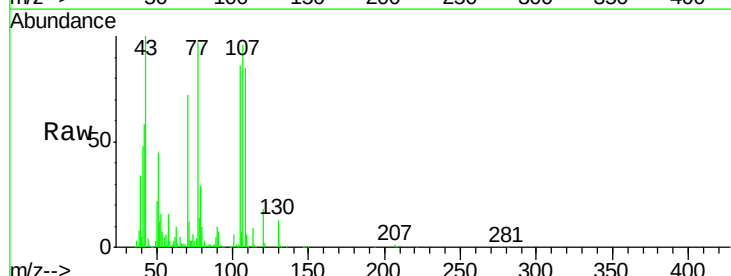
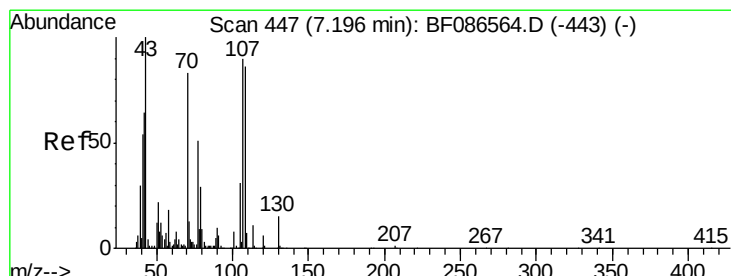
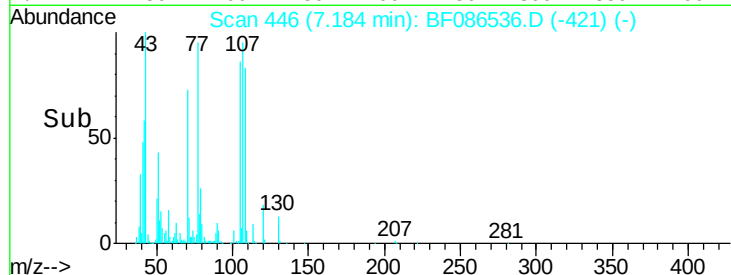
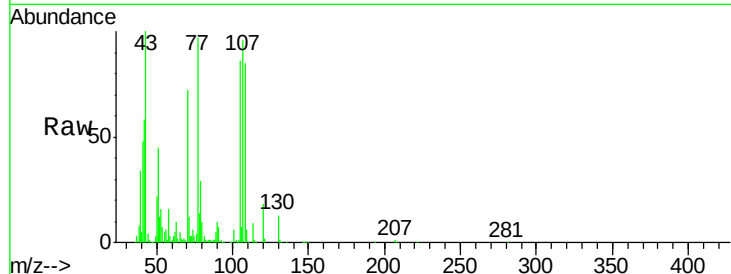
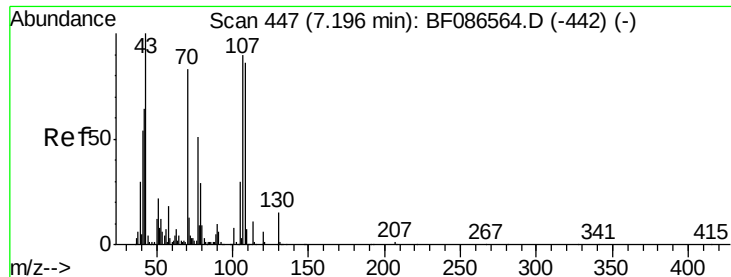
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#18
Hexachloroethane
Concen: 30.30 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	120518		
119	95.9	76.5	114.7	
201	79.3	63.0	94.6	





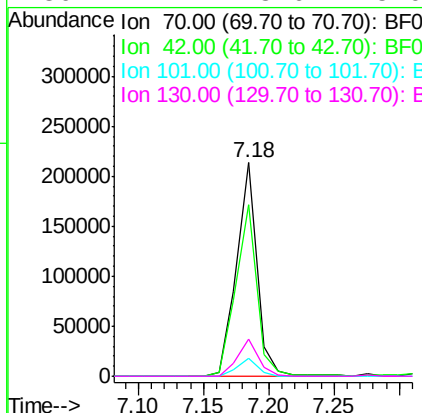
#19
n-Nitroso-di-n-propylamine
Concen: 32.84 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	80.3	43.1	64.7#
101	8.7	8.1	12.1
130	17.4	18.6	28.0#

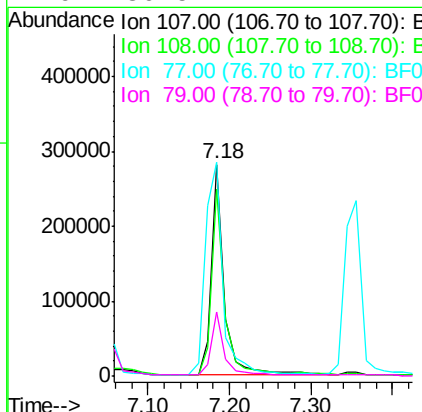
Manual Integrations
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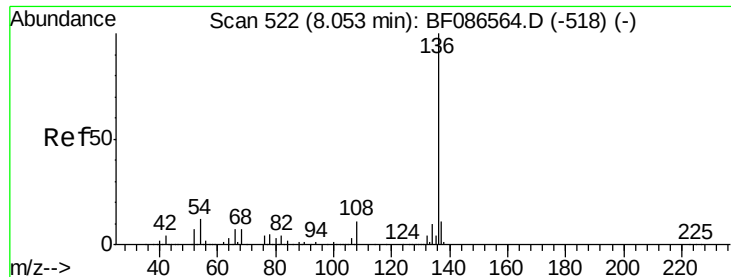
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#20
3+4-Methylphenols
Concen: 35.49 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.5	108.5
77	100.8	101.6	141.6#
79	30.5	7.4	47.4





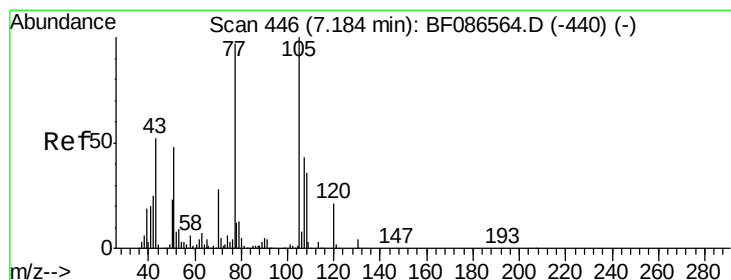
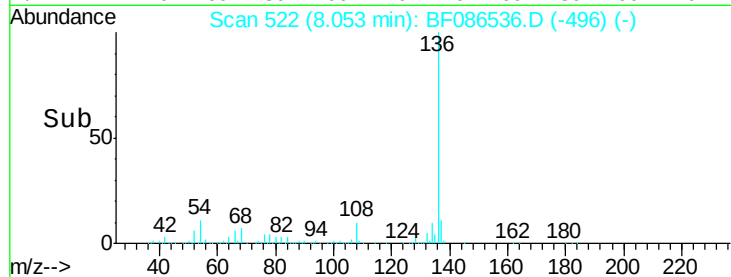
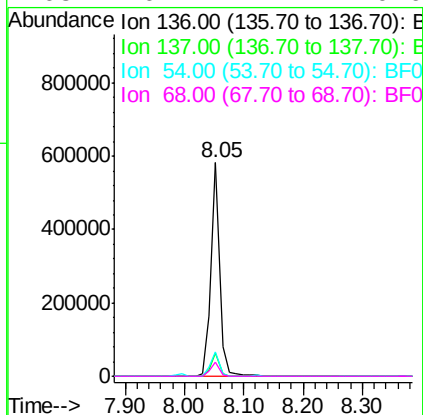
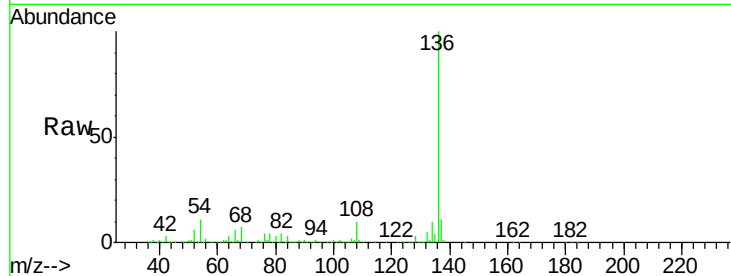
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	594906		
137	11.0	8.8	13.2	
54	11.1	5.0	7.4	
68	6.7	4.4	6.6	

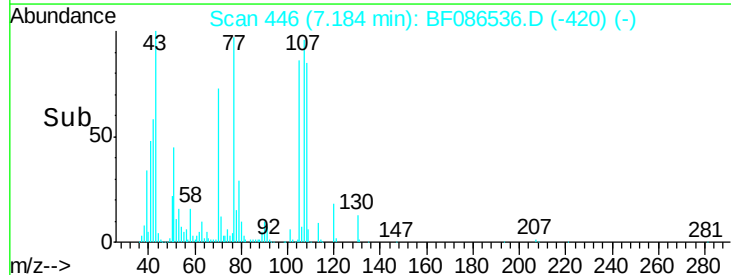
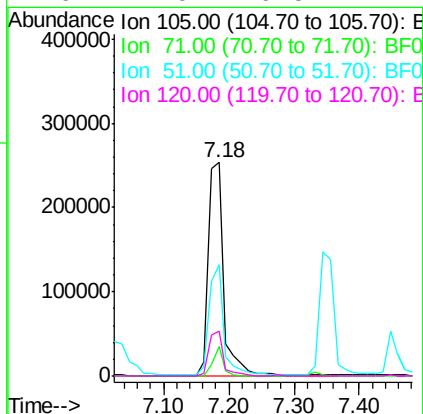
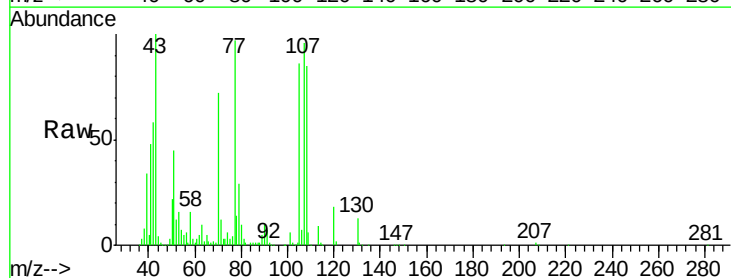
Manual Integrations
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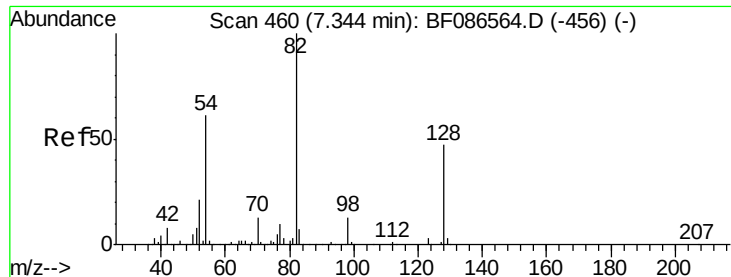
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#22
Acetophenone
Concen: 32.77 ng
RT: 7.18 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	427495		
71	14.0	4.8	7.2	
51	51.9	32.6	49.0	
120	21.0	16.5	24.7	





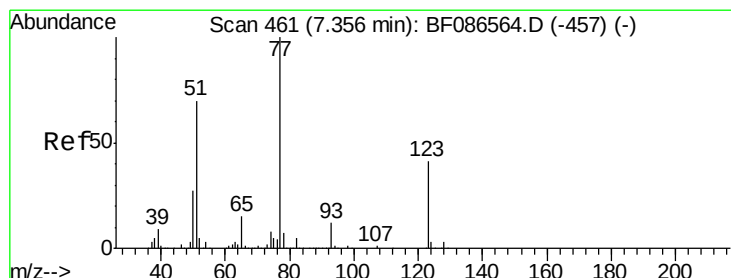
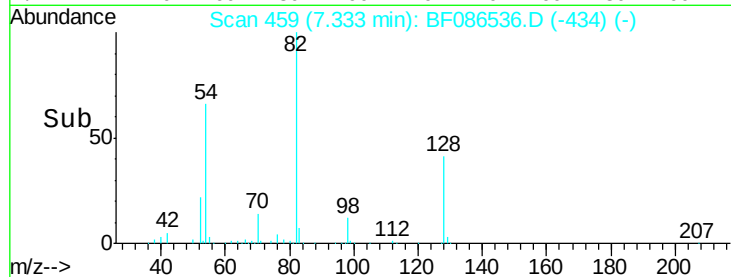
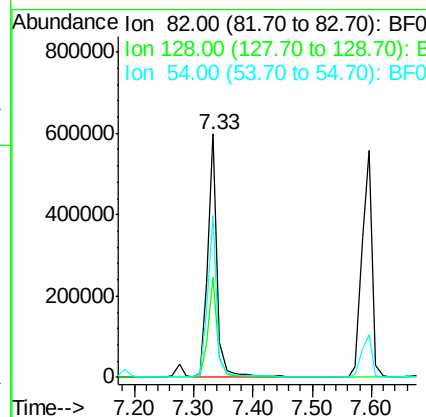
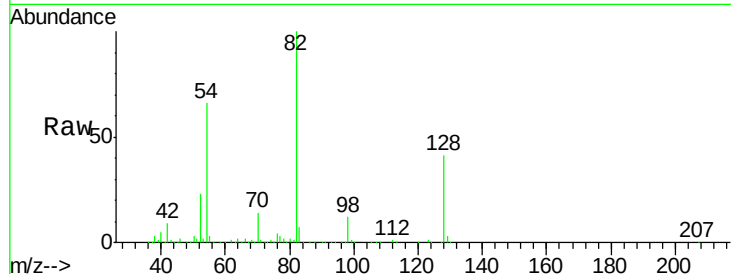
#23
 Nitrobenzene-d5
 Concen: 62.42 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
128	41.2	40.6	61.0
54	66.4	38.1	57.1

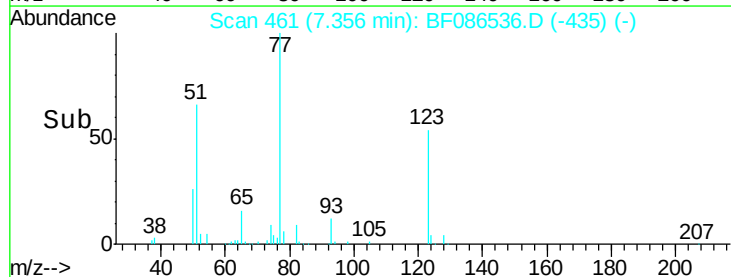
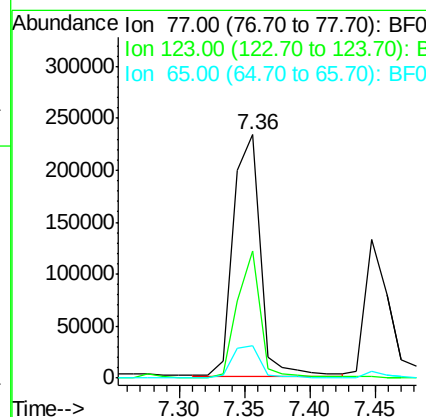
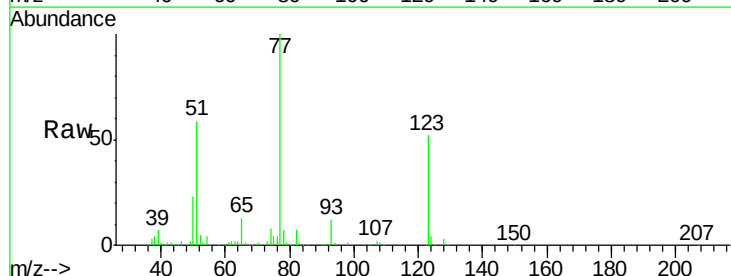
Manual Integrations
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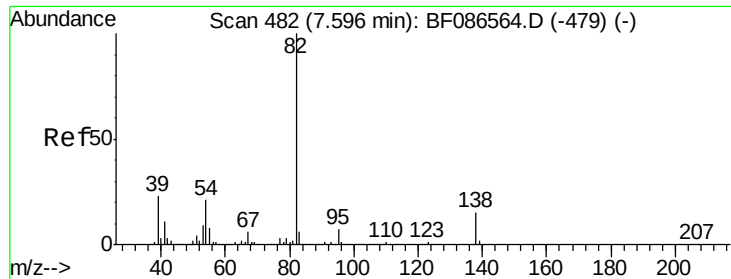
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#24
 Nitrobenzene
 Concen: 29.42 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
77	100		
123	52.5	33.0	49.4
65	13.3	10.8	16.2





#25

Isophorone

Concen: 30.96 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

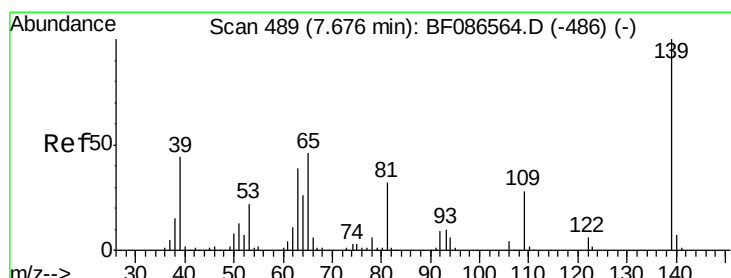
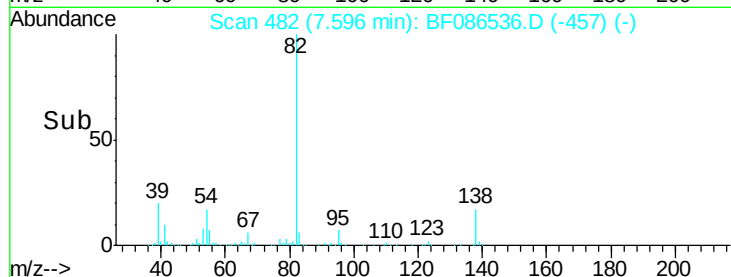
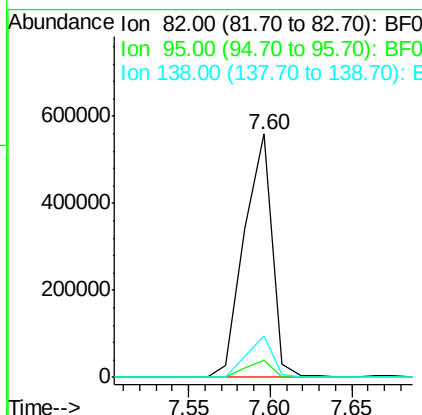
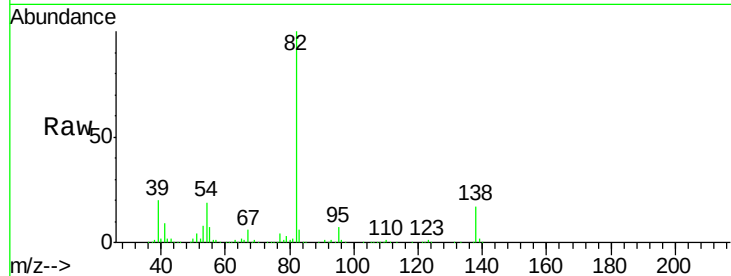
ClientSampleId :

PB90099BS

Tgt Ion:	82	Resp:	657557
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.1	7.7
138	17.1	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 30.22 ng

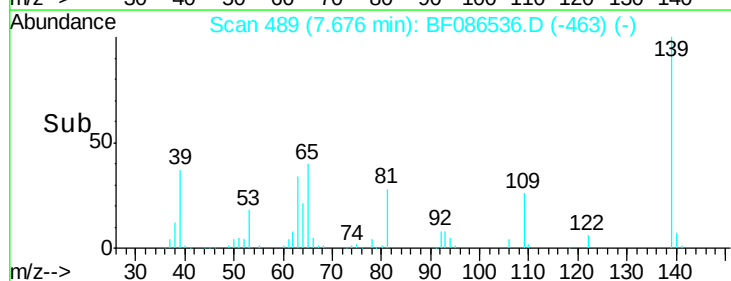
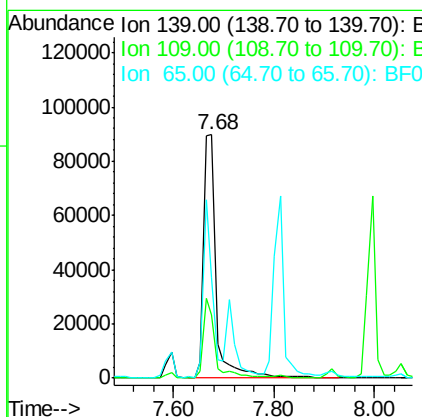
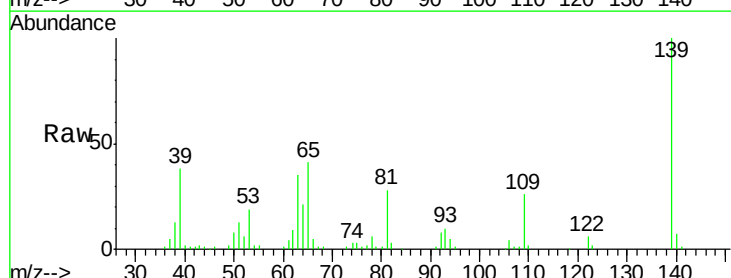
RT: 7.68 min Scan# 489

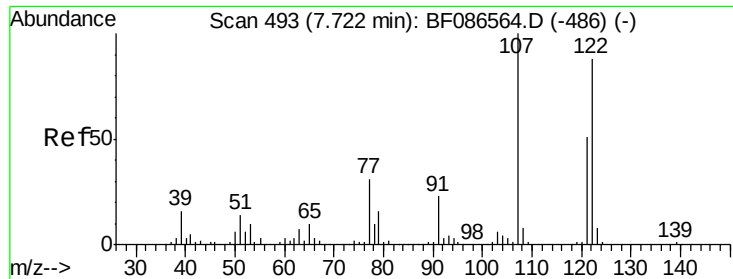
Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Tgt Ion:	139	Resp:	157966
Ion Ratio	Lower	Upper	
139	100		
109	25.7	19.5	29.3
65	41.2	37.5	56.3





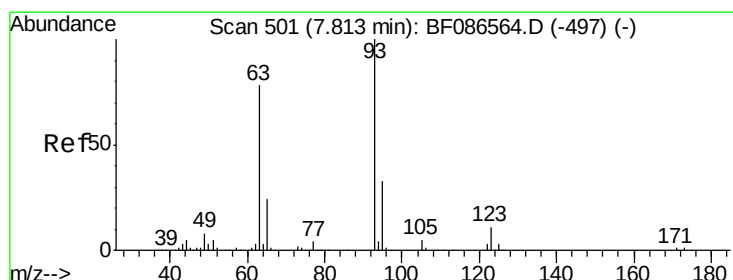
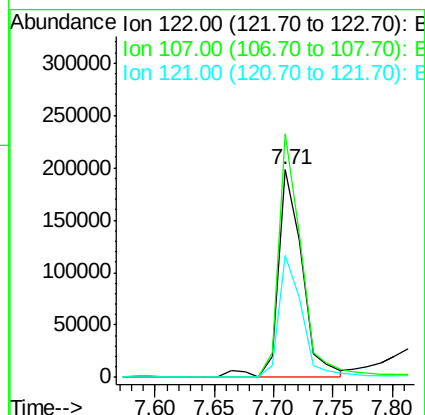
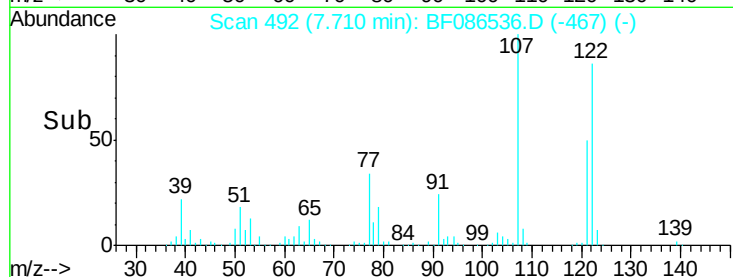
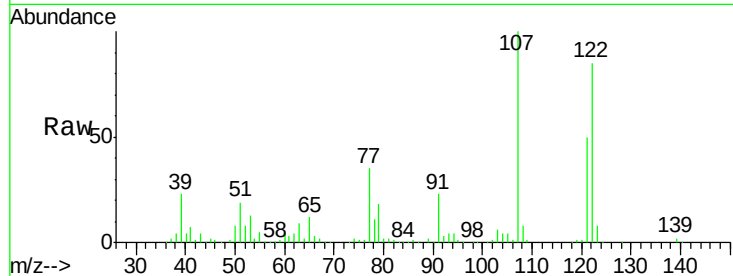
#27
2,4-Dimethylphenol
Concen: 30.19 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	276904		
107	117.4	82.0	123.0	
121	58.8	46.1	69.1	

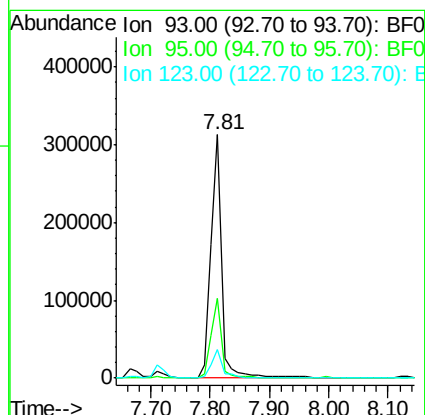
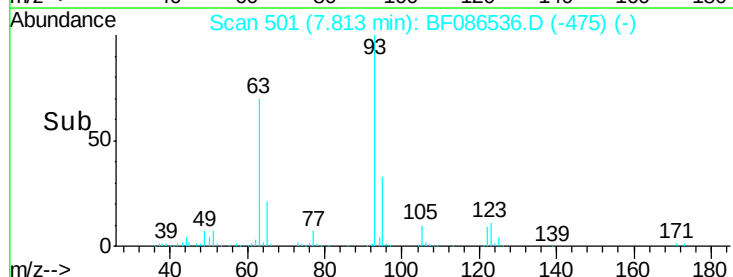
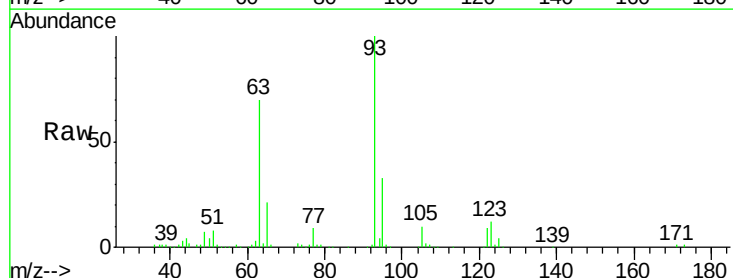
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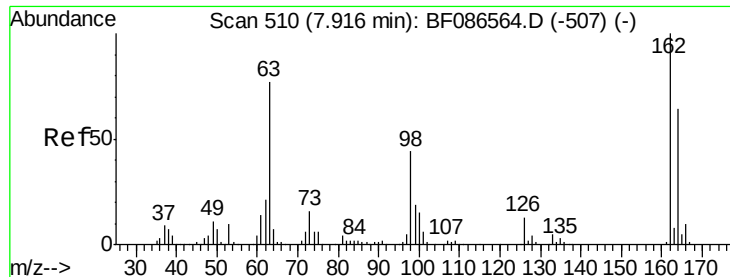
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#28
bis(2-Chloroethoxy)methane
Concen: 33.70 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	389926		
95	32.6	26.0	39.0	
123	11.5	9.5	14.3	





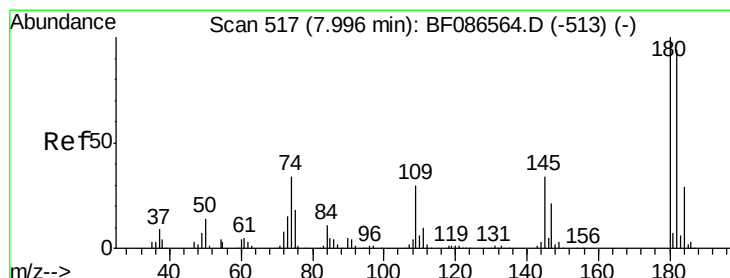
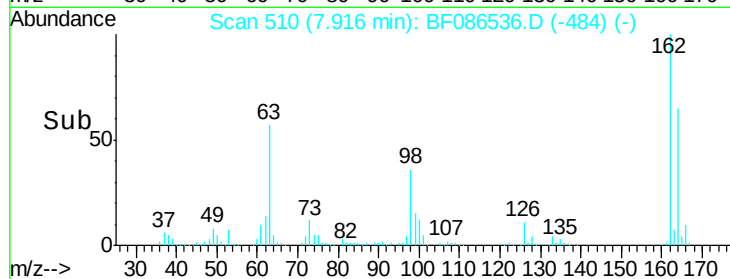
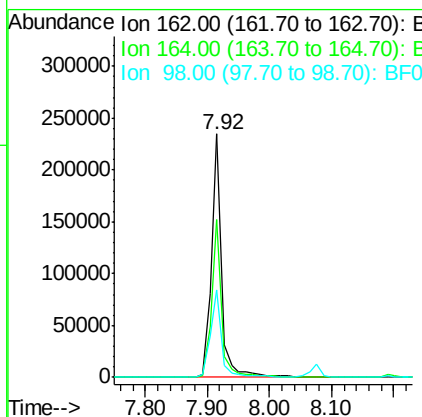
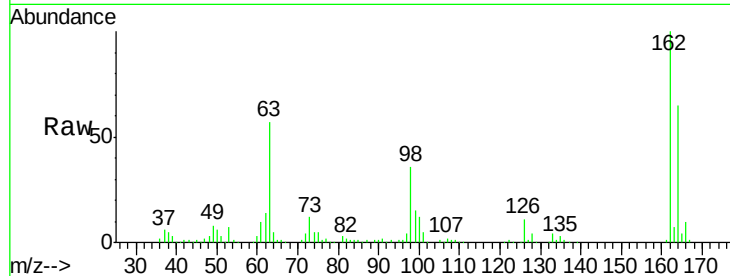
#29
2,4-Dichlorophenol
Concen: 34.57 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	267540		
164	64.8	42.2	82.2	
98	36.0	19.0	59.0	

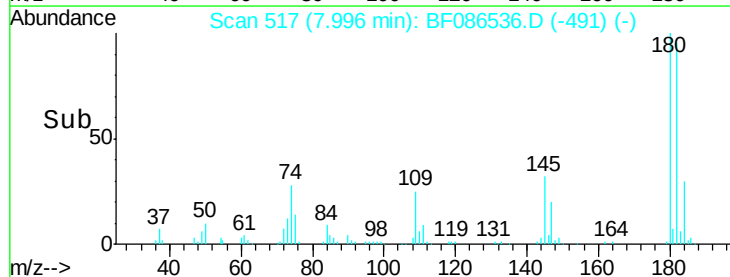
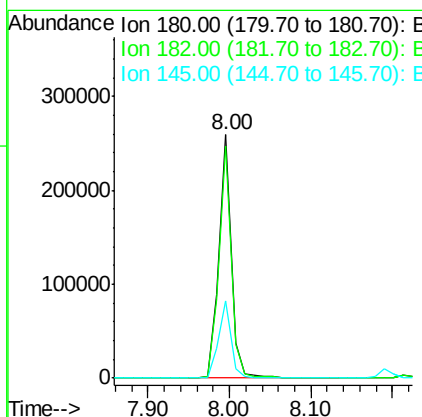
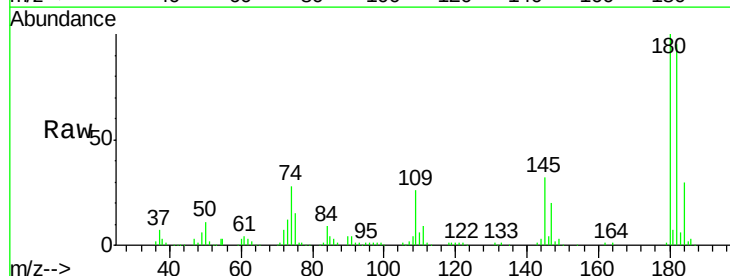
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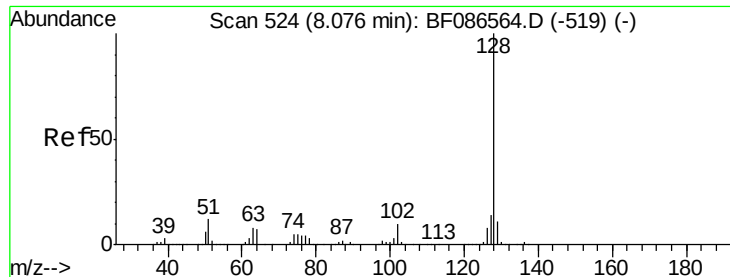
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#30
1,2,4-Trichlorobenzene
Concen: 30.72 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	275815		
182	95.4	78.0	117.0	
145	31.6	24.2	36.2	





#31

Naphthalene

Concen: 31.80 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

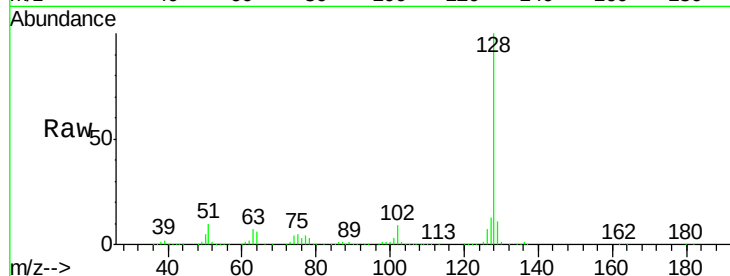
ClientSampleId :

PB90099BS

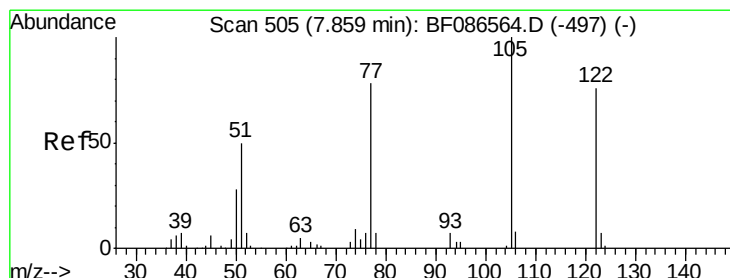
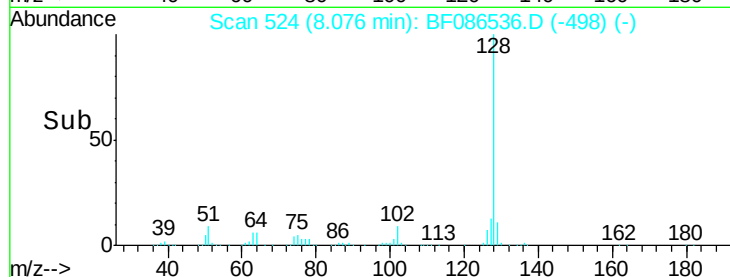
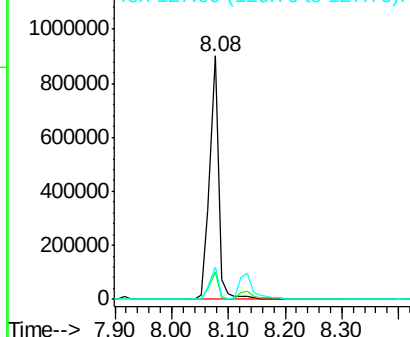
Tgt Ion:	128	Resp:	962534
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	13.0
127	13.5	10.8	16.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 27.70 ng

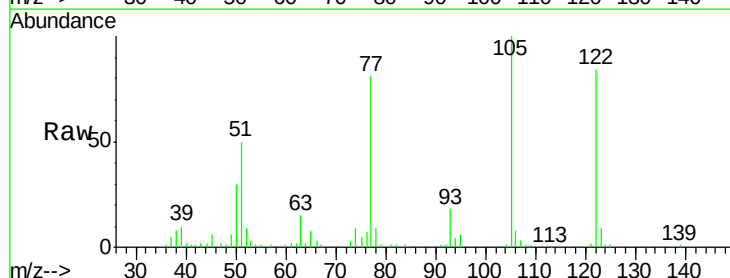
RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

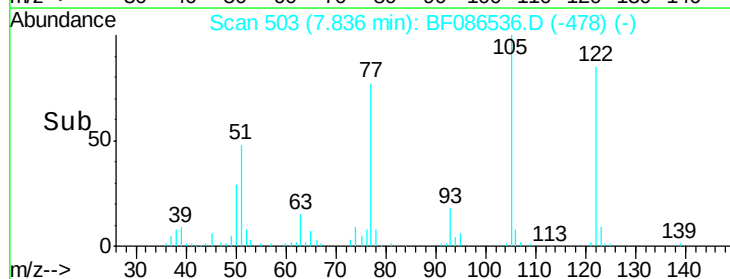
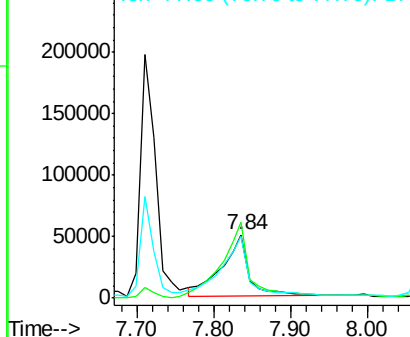
Lab File: BF086536.D

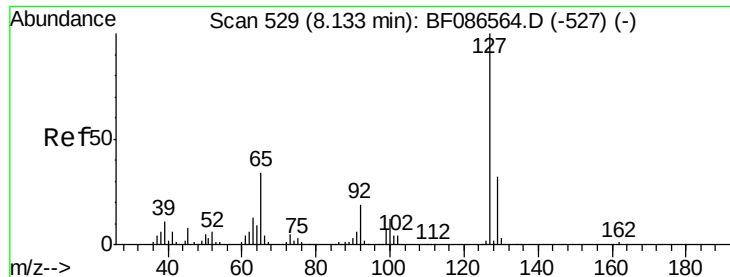
Acq: 30 Apr 2016 21:08

Tgt Ion:	122	Resp:	128585
Ion Ratio	Lower	Upper	
122	100		
105	119.1	92.6	132.6
77	96.6	60.0	100.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





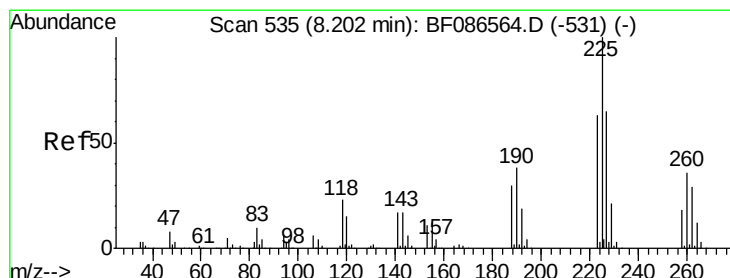
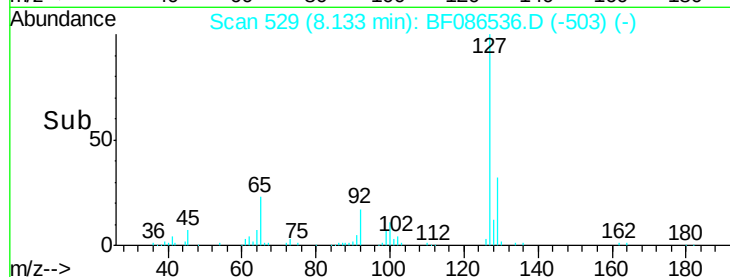
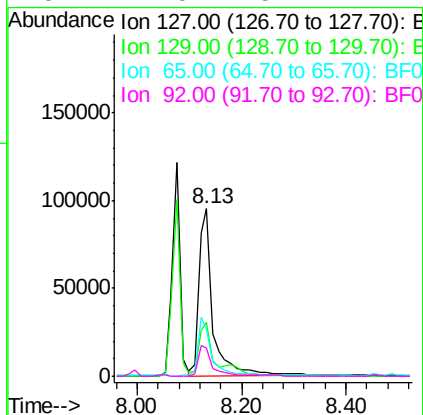
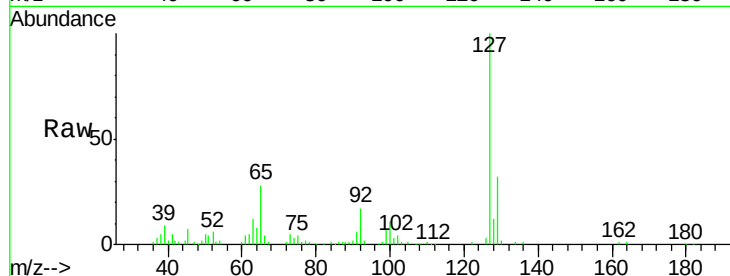
#33
4-Chloroaniline
Concen: 15.95 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	180786		
129	32.3	26.2	39.4	
65	28.0	23.0	34.4	
92	17.0	15.1	22.7	

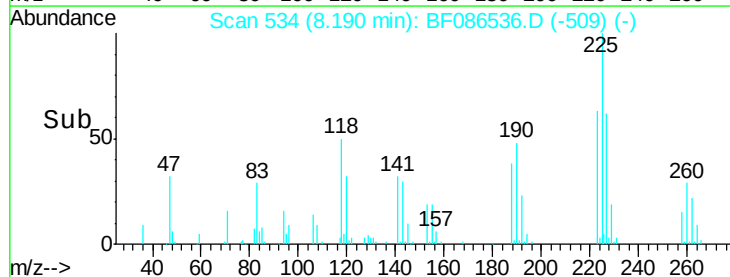
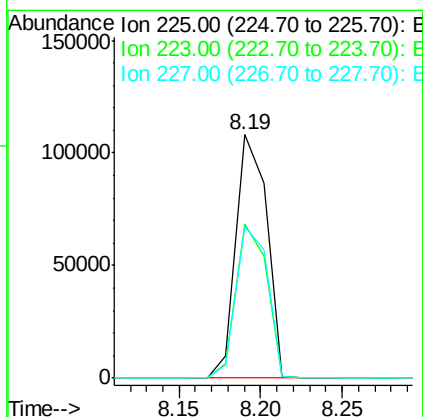
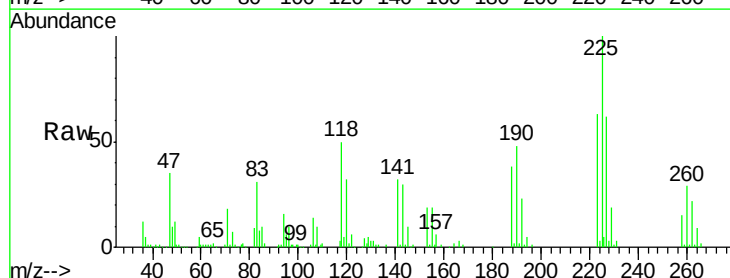
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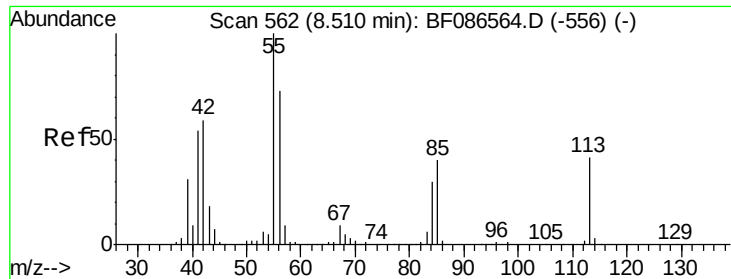
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#34
Hexachlorobutadiene
Concen: 28.10 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141417		
223	63.4	51.5	77.3	
227	62.5	52.2	78.2	





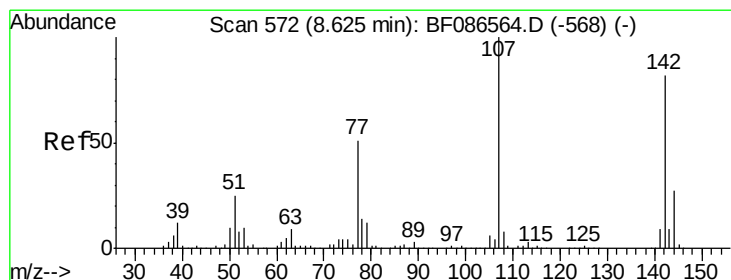
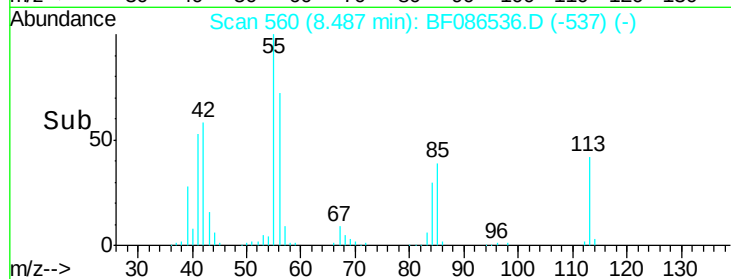
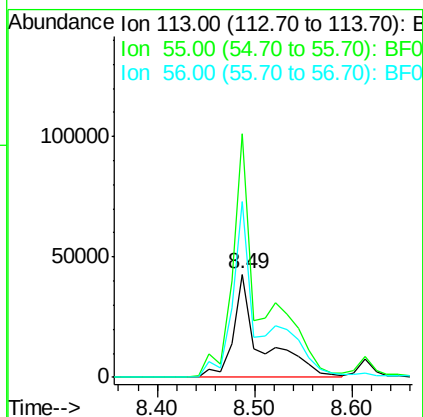
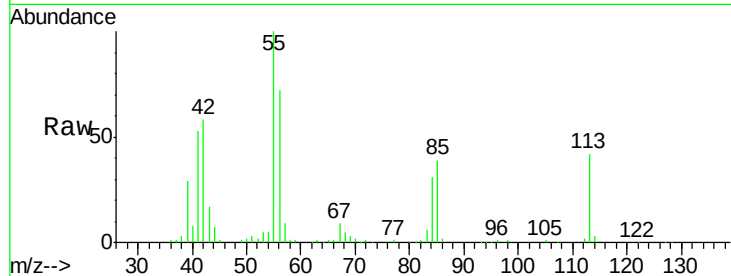
#35
 Caprolactam
 Concen: 33.60 ng m
 RT: 8.49 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS

Tgt Ion:113 Resp: 86755
 Ion Ratio Lower Upper
 113 100
 55 235.7 162.0 202.0#
 56 170.4 115.3 155.3#

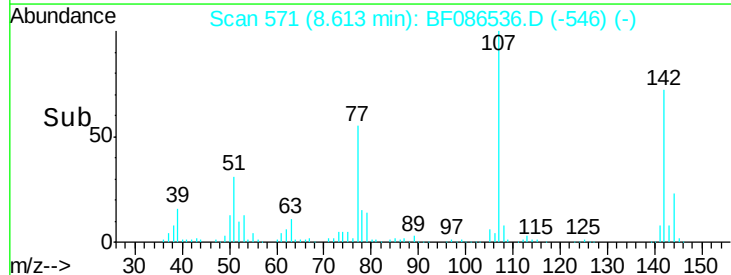
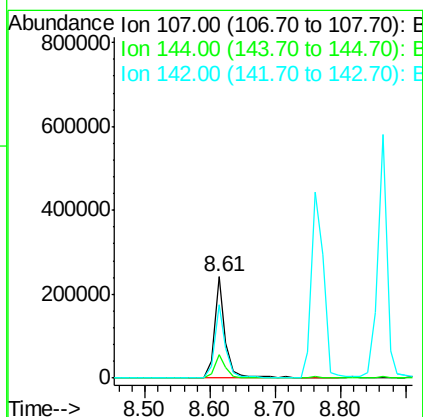
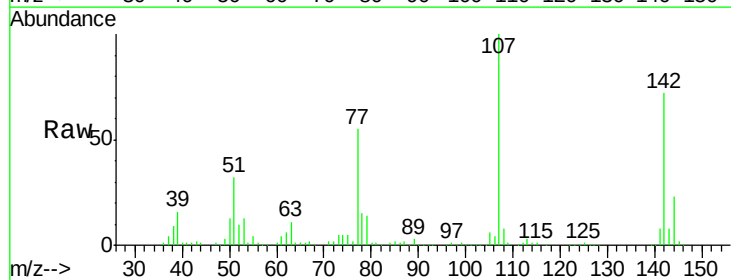
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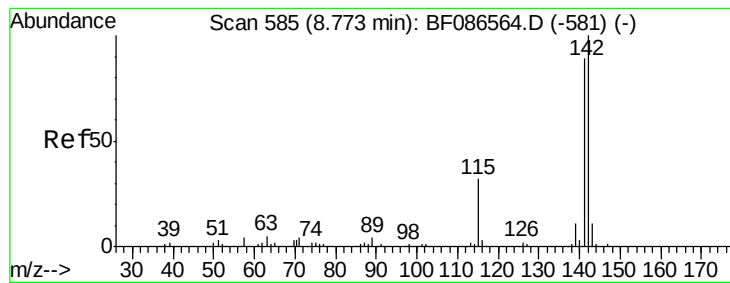
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#36
 4-Chloro-3-methylphenol
 Concen: 32.48 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion:107 Resp: 287746
 Ion Ratio Lower Upper
 107 100
 144 23.1 20.7 31.1
 142 72.1 63.2 94.8





#37

2-Methylnaphthalene

Concen: 31.89 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF086536.D

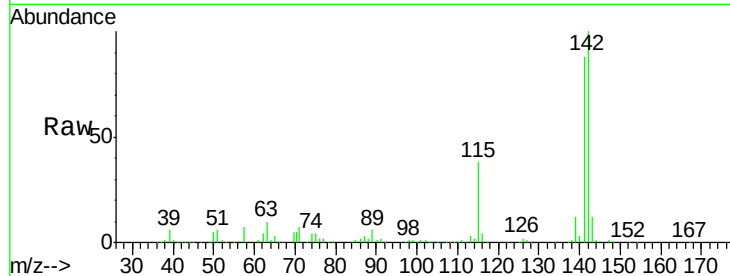
Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

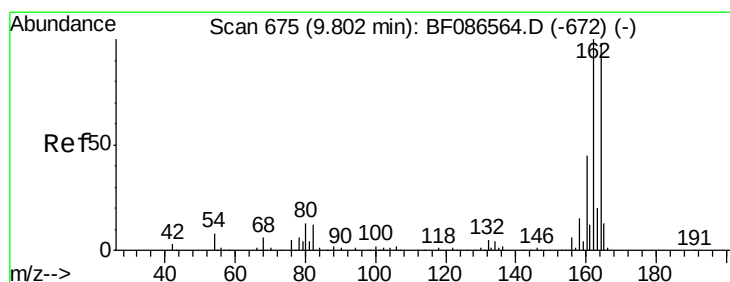
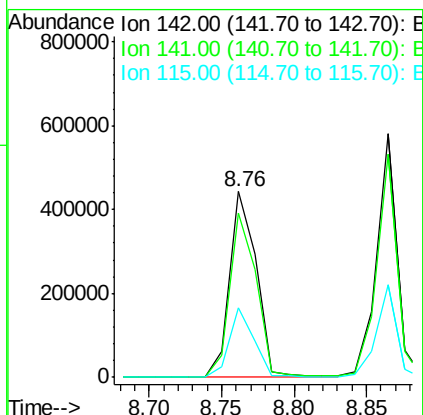
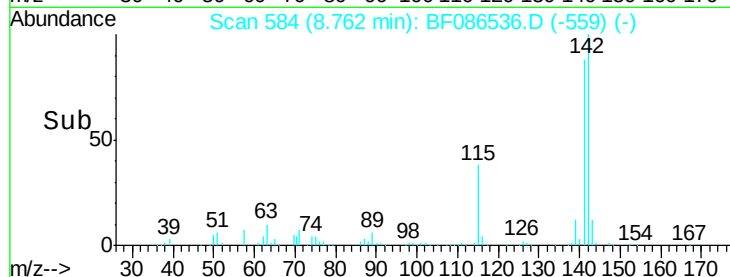
PB90099BS



Tgt Ion:	142	Resp:	569560
Ion Ratio	Lower	Upper	
142	100		
141	88.2	71.0	106.6
115	37.8	26.6	39.8

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#38

Acenaphthene-d10

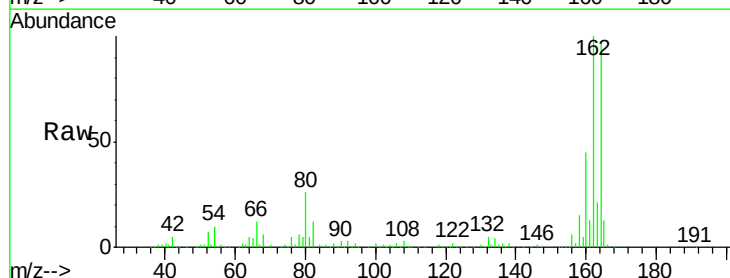
Concen: 20.00 ng

RT: 9.80 min Scan# 675

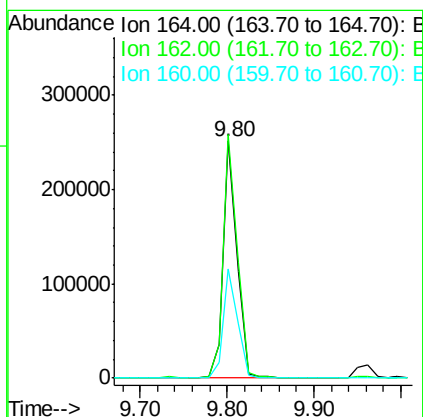
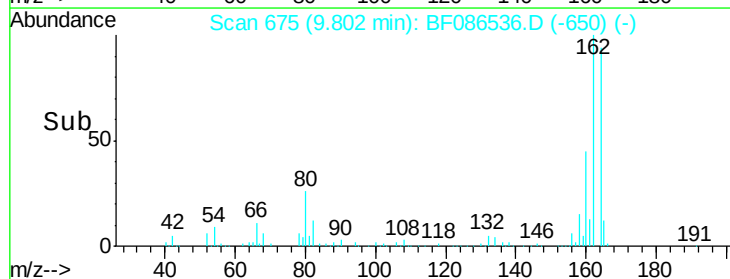
Delta R.T. -0.01 min

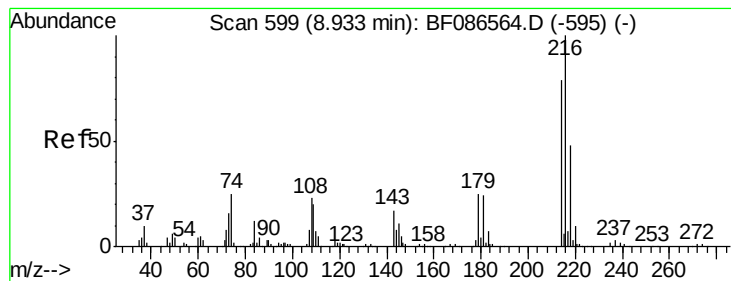
Lab File: BF086536.D

Acq: 30 Apr 2016 21:08



Tgt Ion:	164	Resp:	283899
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.8	124.2
160	46.1	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.95 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF086536.D

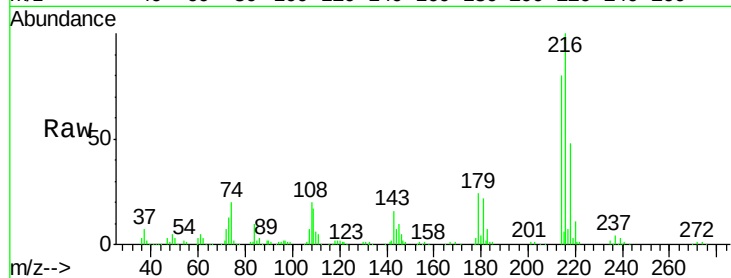
Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

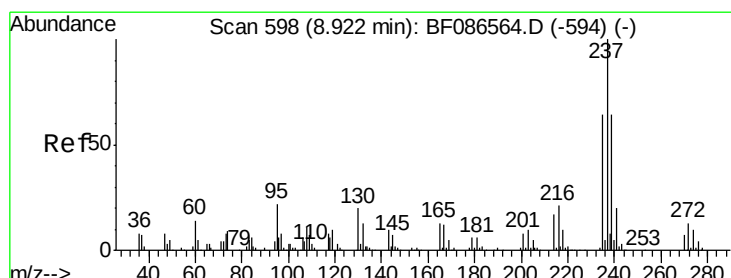
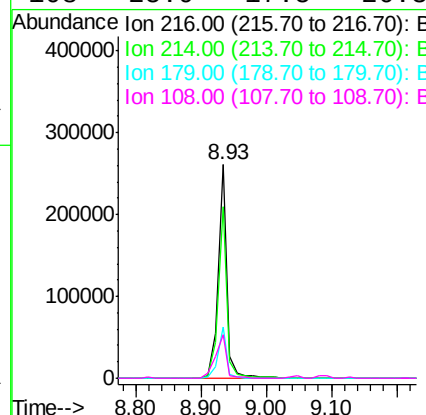
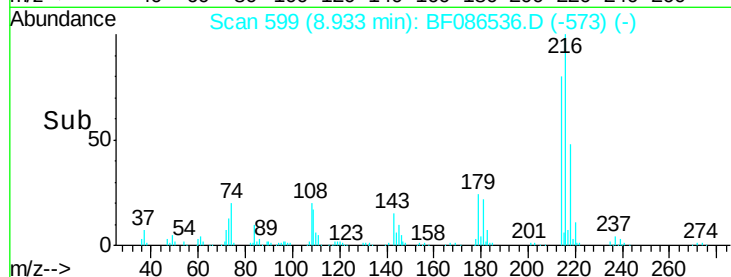
PB90099BS



Tgt Ion	Ratio	Resp	Lower	Upper
216	100	251531		
214	79.7	62.6	93.8	
179	23.8	18.2	27.4	
108	25.9	17.5	26.3	

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#40

Hexachlorocyclopentadiene

Concen: 60.88 ng

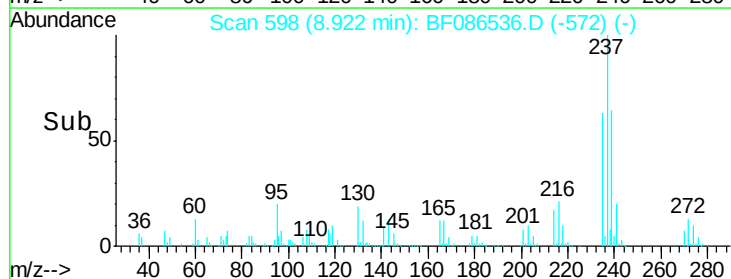
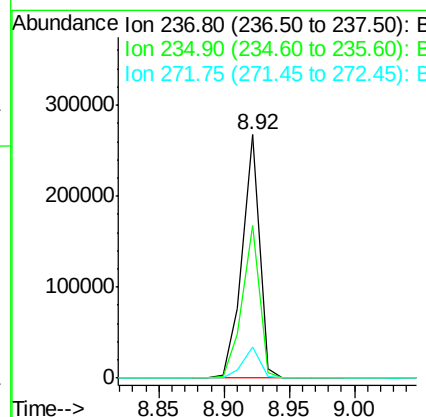
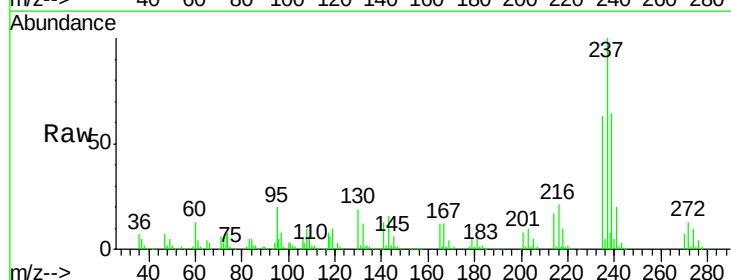
RT: 8.92 min Scan# 598

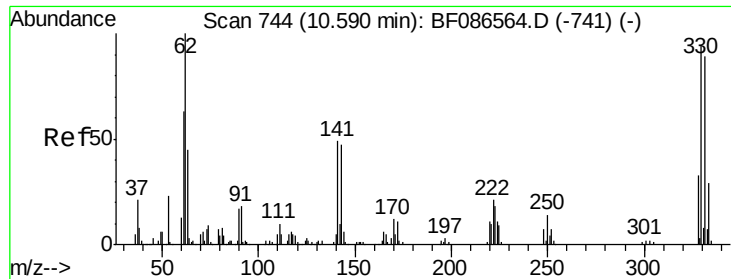
Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	245844		
235	62.9	47.2	87.2	
272	12.9	0.0	31.1	





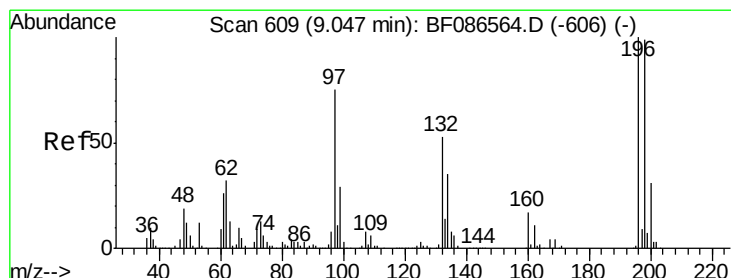
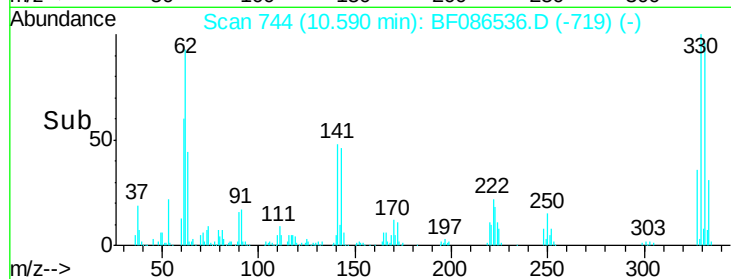
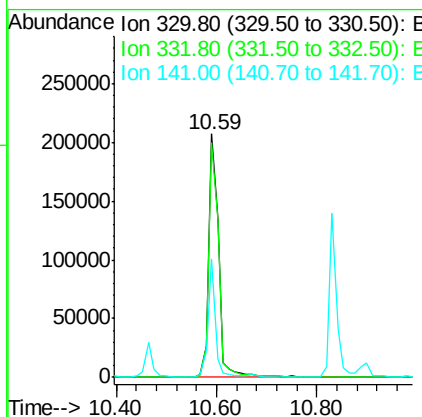
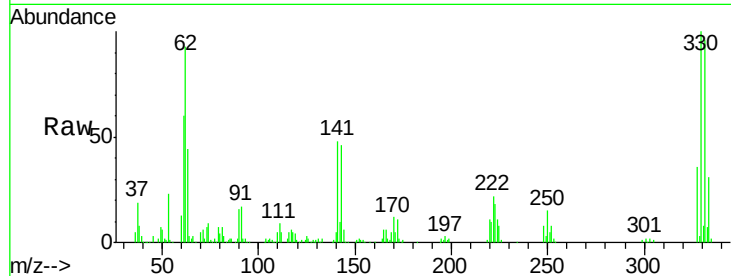
#41
 2,4,6-Tribromophenol
 Concen: 95.27 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	285223		
332	97.5	79.0	118.4	
141	35.0	31.2	46.8	

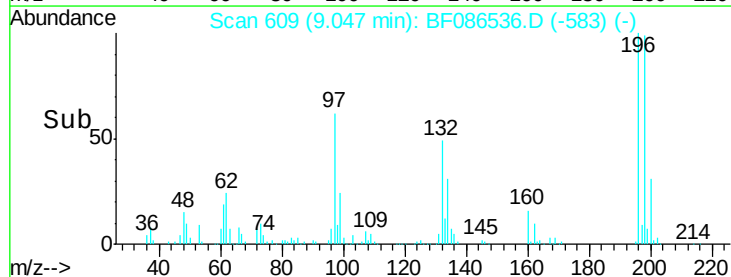
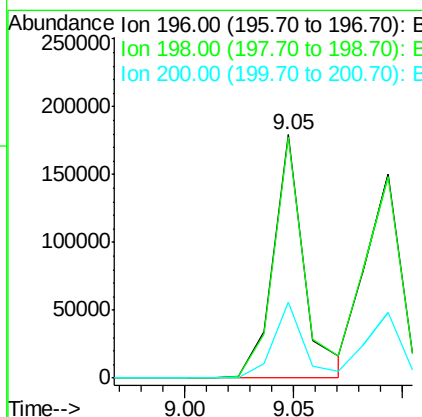
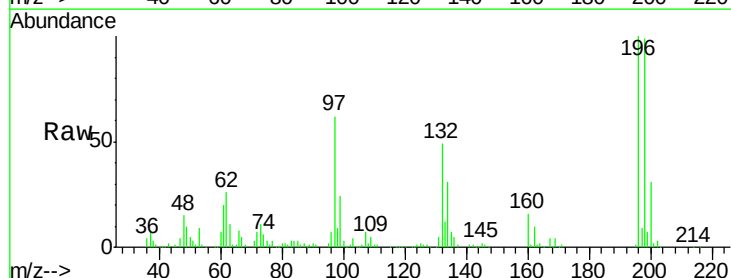
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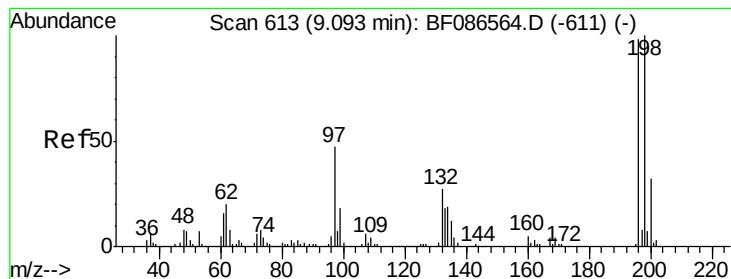
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#42
 2,4,6-Trichlorophenol
 Concen: 34.63 ng
 RT: 9.05 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

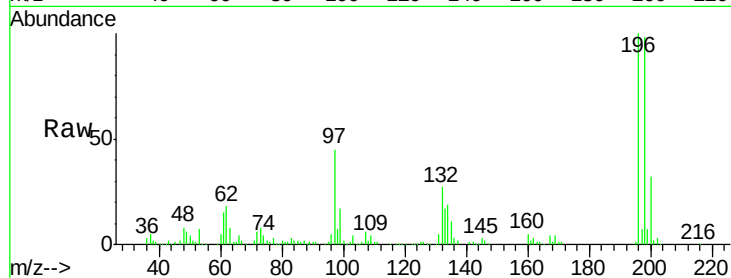
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	177909		
198	99.2	74.7	112.1	
200	31.2	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 32.41 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

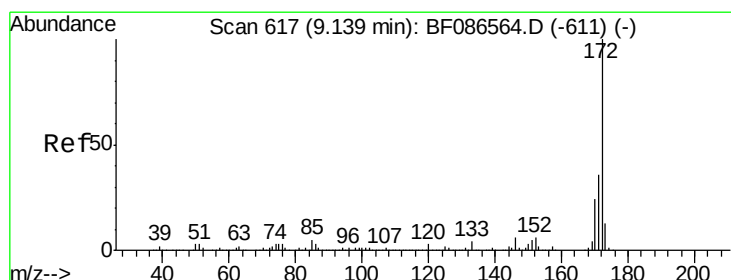
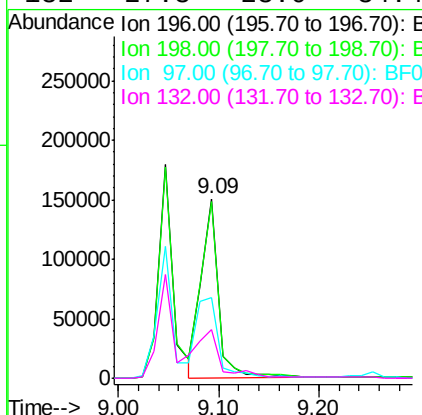
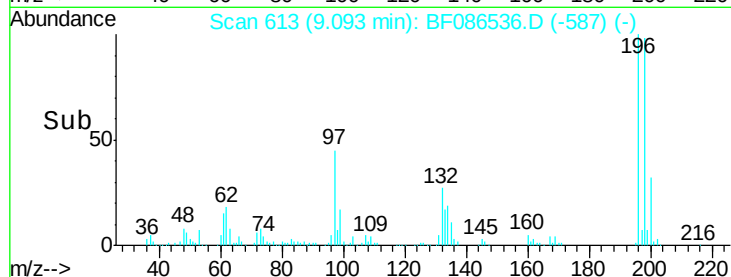
Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS



Tgt Ion:	196	Resp:	181452
Ion Ratio	Lower	Upper	
196	100		
198	98.3	77.5	116.3
97	45.3	34.8	52.2
132	27.3	23.0	34.4

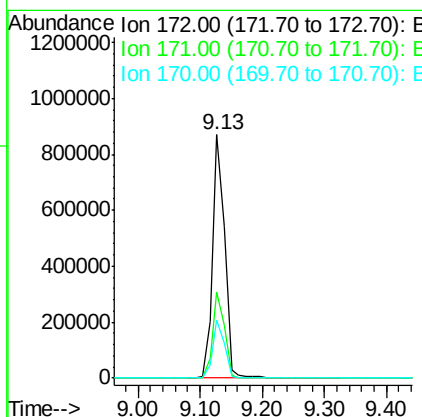
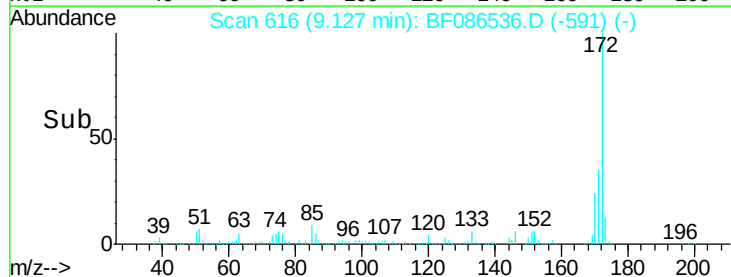
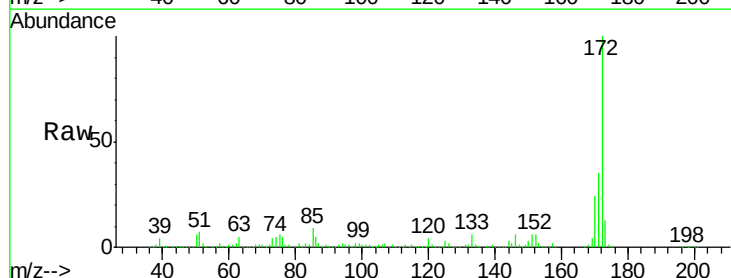
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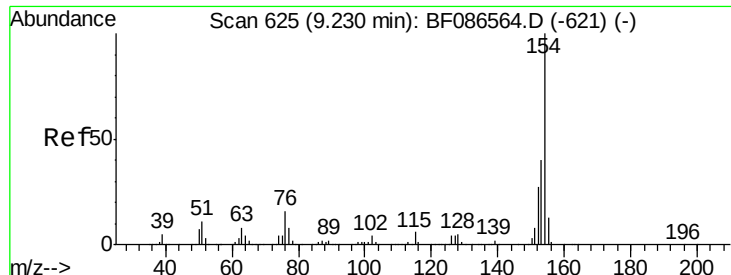
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#44
 2-Fluorobiphenyl
 Concen: 68.23 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion:	172	Resp:	1158633
Ion Ratio	Lower	Upper	
172	100		
171	35.5	29.0	43.6
170	24.0	19.8	29.8





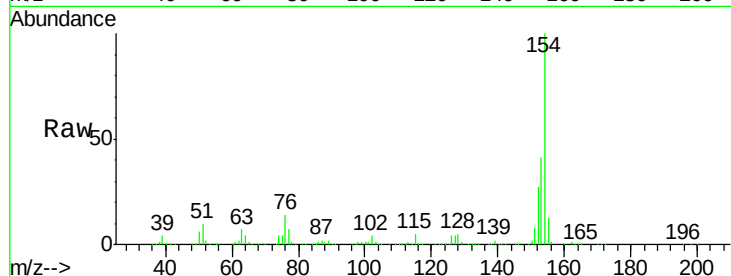
#45
 1,1'-Biphenyl
 Concen: 31.54 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS

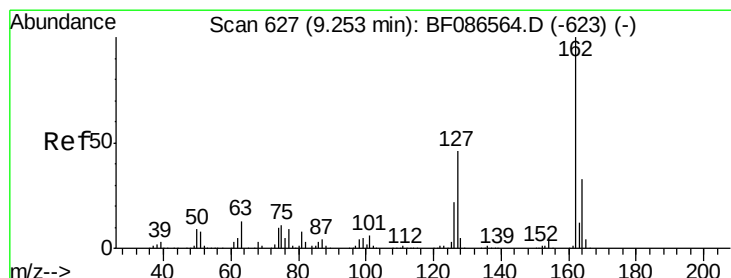
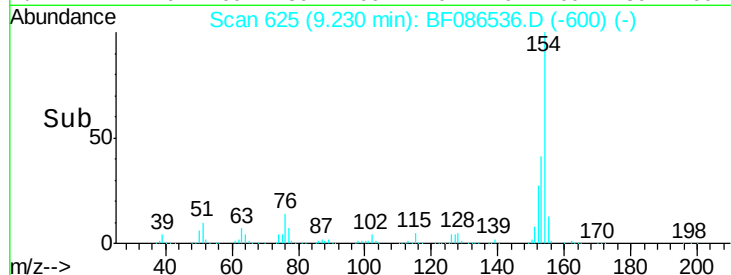
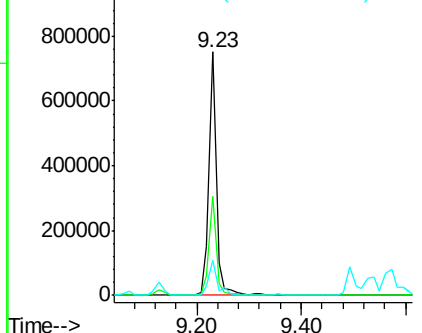
Tgt Ion:	154	Resp:	748551
Ion Ratio	Lower	Upper	
154	100		
153	40.5	20.3	60.3
76	14.4	0.0	30.2

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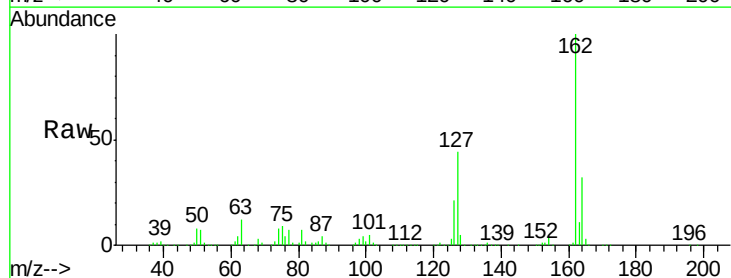


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

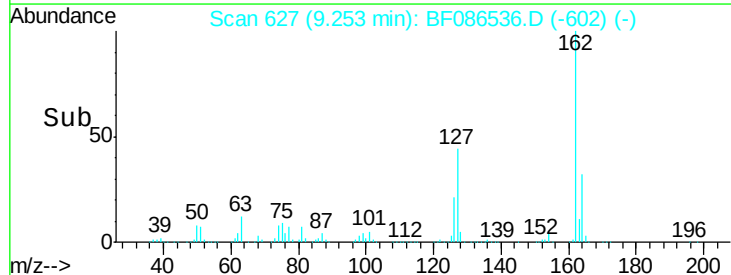
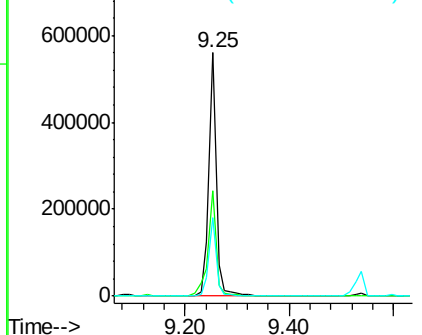


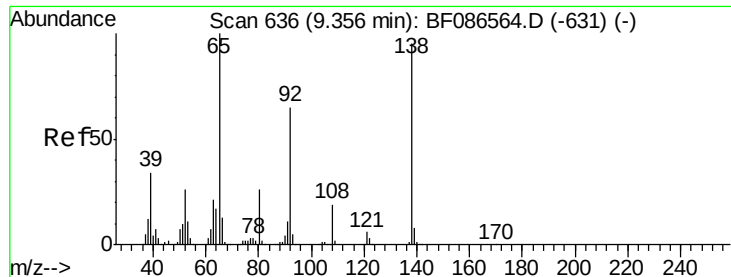
#46
 2-Chloronaphthalene
 Concen: 31.28 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion:	162	Resp:	564324
Ion Ratio	Lower	Upper	
162	100		
127	43.5	31.8	47.6
164	32.4	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: 35.05 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

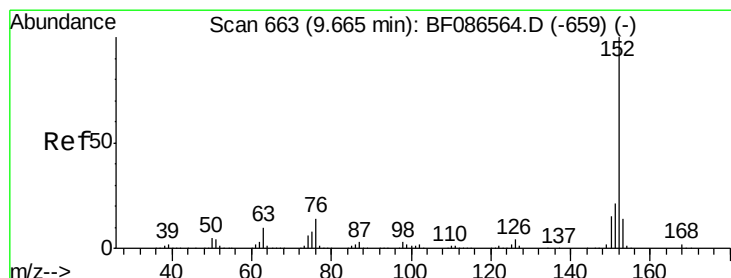
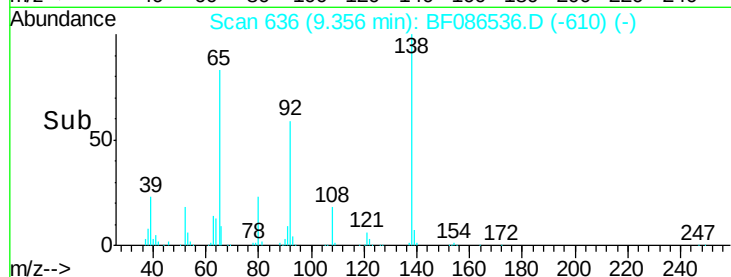
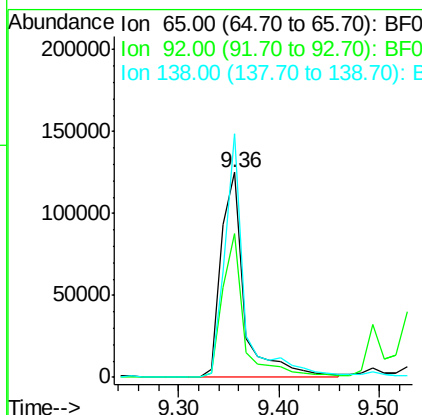
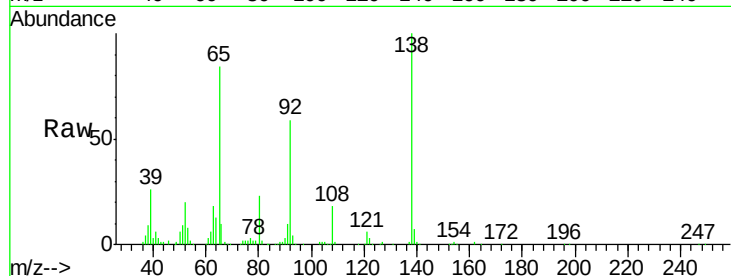
ClientSampleId :

PB90099BS

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Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.4	57.4	86.2
138	119.0	90.1	135.1



#48

Acenaphthylene

Concen: 30.52 ng

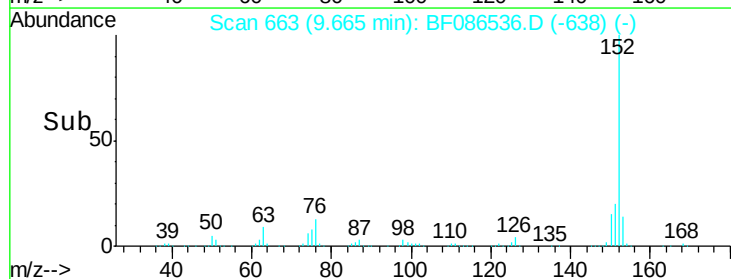
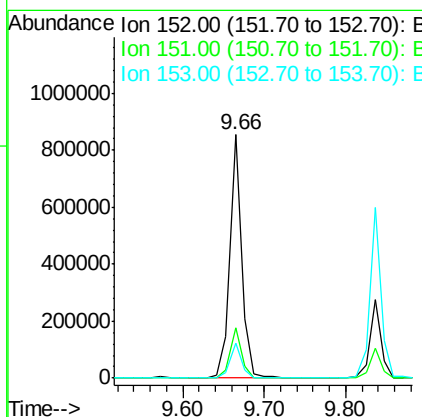
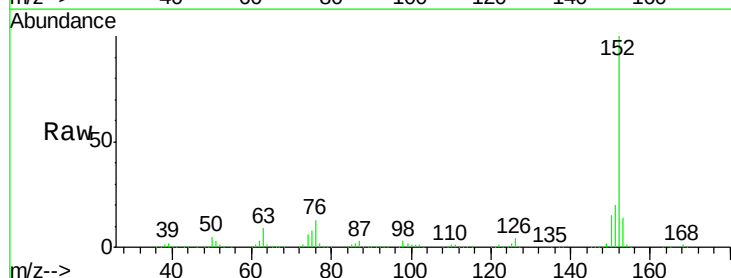
RT: 9.66 min Scan# 663

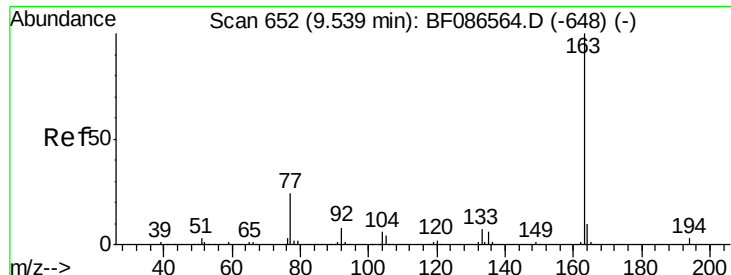
Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	14.3	10.9	16.3





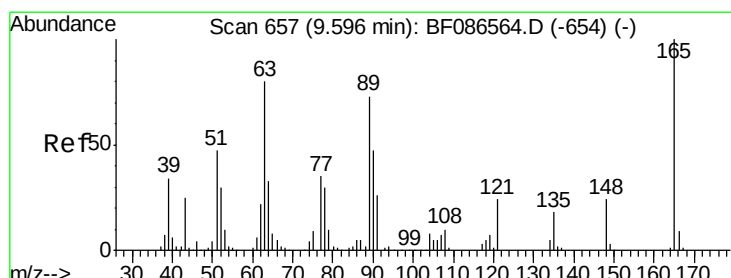
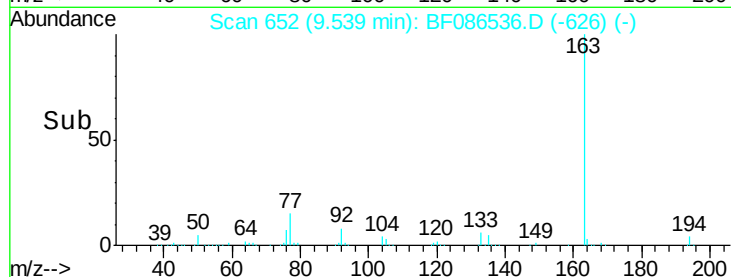
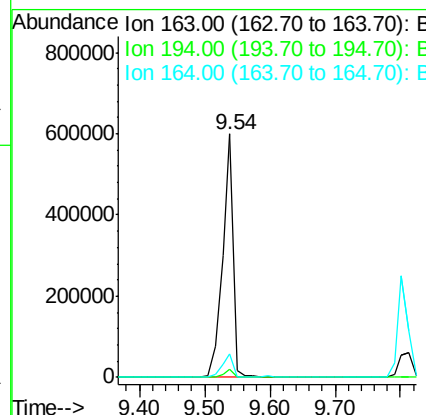
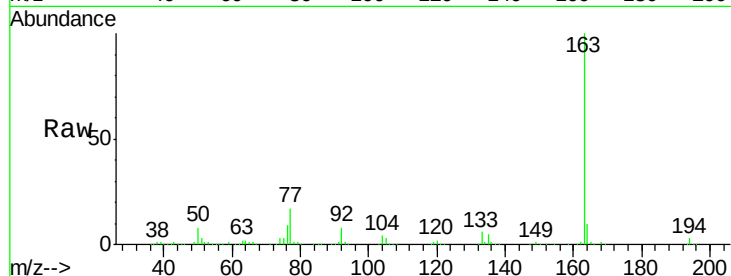
#49
Dimethylphthalate
Concen: 32.74 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	699797		
194	3.5	2.6	4.0	
164	9.7	8.2	12.4	

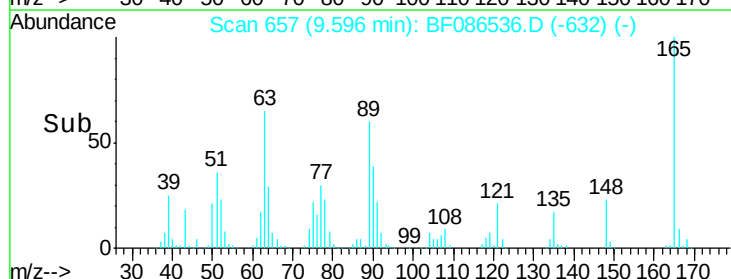
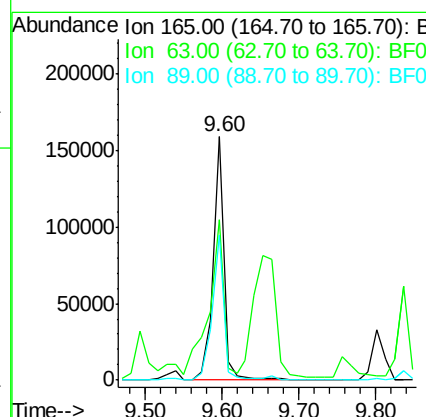
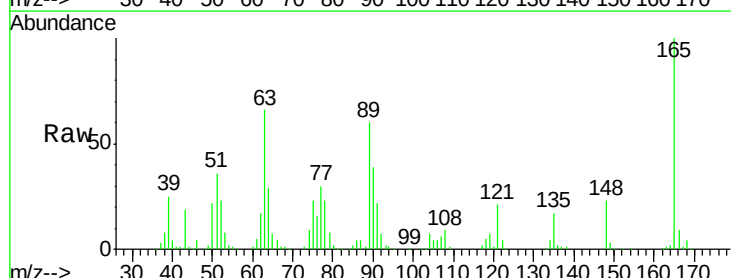
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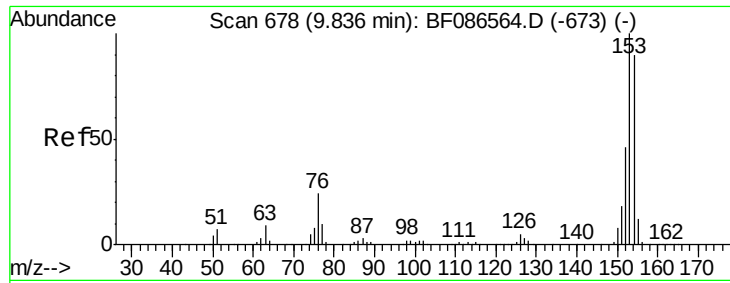
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#50
2,6-Dinitrotoluene
Concen: 34.98 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	154431		
63	66.0	51.8	77.8	
89	59.6	50.7	76.1	





#51

Acenaphthene

Concen: 33.96 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086536.D

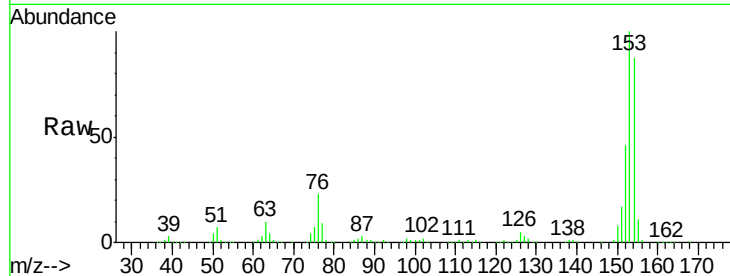
Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

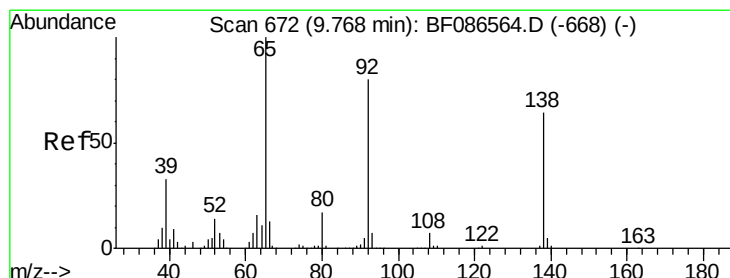
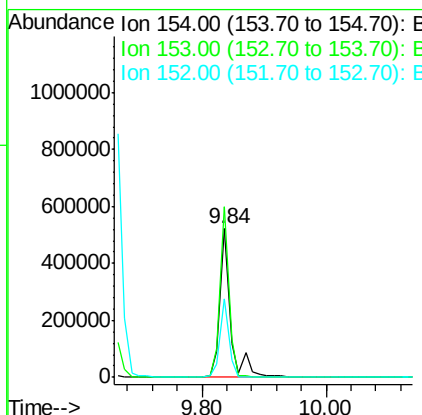
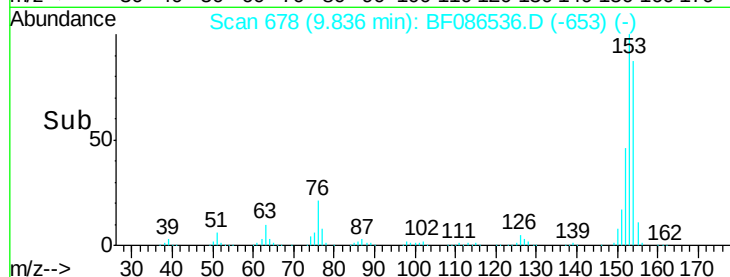
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Tgt Ion:	154	Resp:	615139
Ion Ratio	Lower	Upper	
154	100		
153	114.6	89.8	134.6
152	52.6	43.4	65.0

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#52

3-Nitroaniline

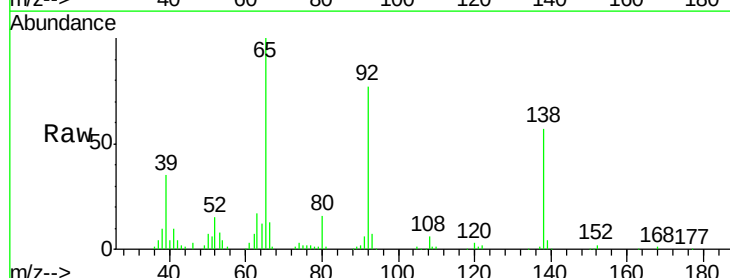
Concen: 21.12 ng

RT: 9.76 min Scan# 671

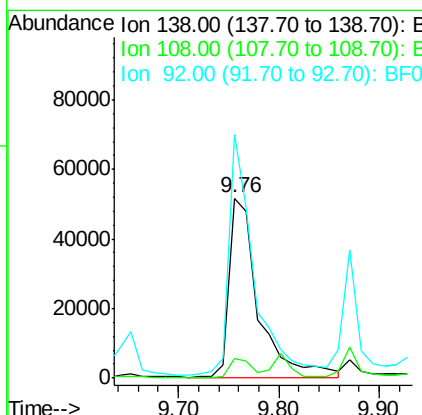
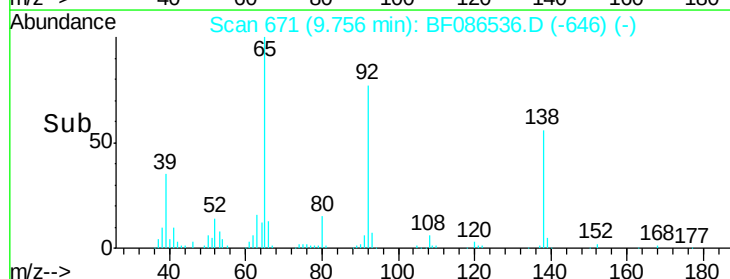
Delta R.T. -0.01 min

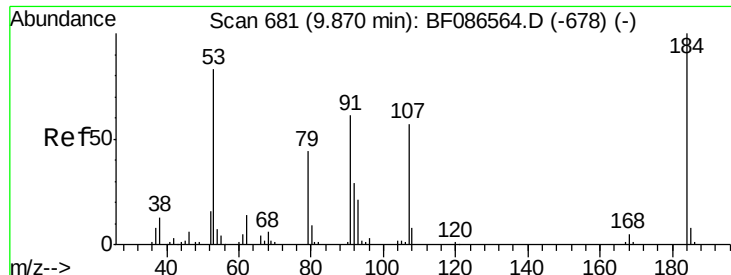
Lab File: BF086536.D

Acq: 30 Apr 2016 21:08



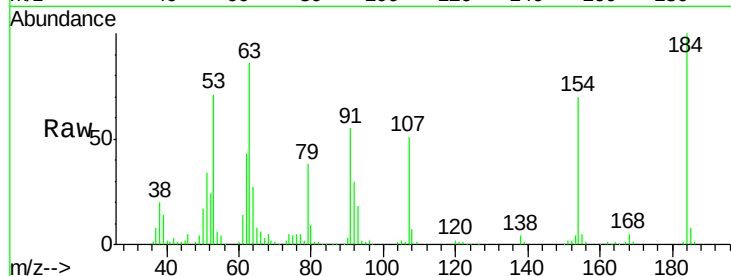
Tgt Ion:	138	Resp:	106032
Ion Ratio	Lower	Upper	
138	100		
108	10.6	7.8	11.6
92	135.2	87.8	131.8#





#53
2,4-Dinitrophenol
Concen: 61.16 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

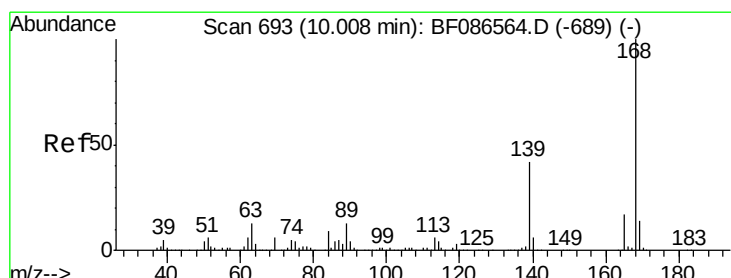
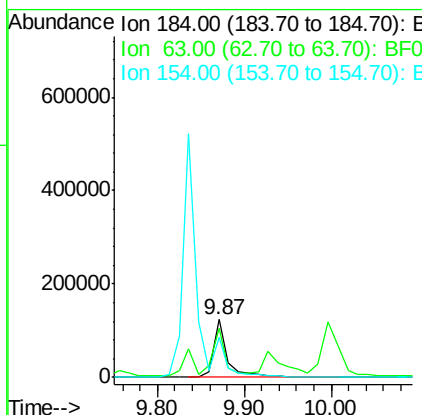
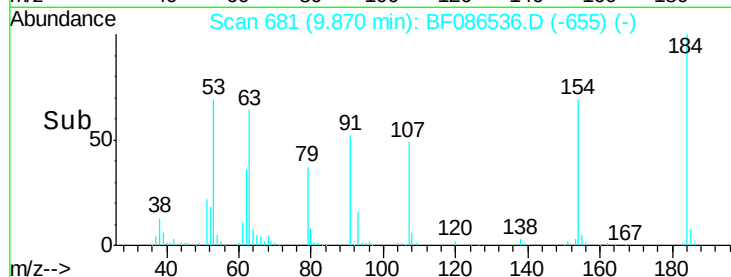
Instrument :
BNA_F
ClientSampleId :
PB90099BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	142714		
63	86.2	55.8	83.8	
154	69.7	62.4	93.6	

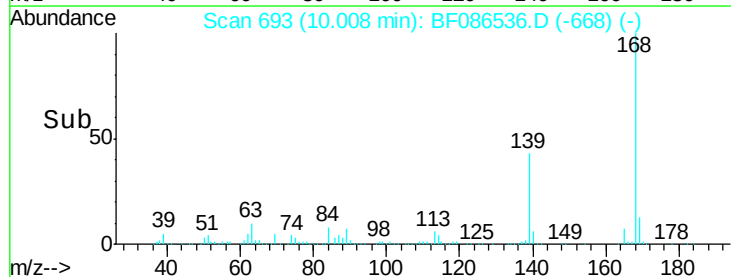
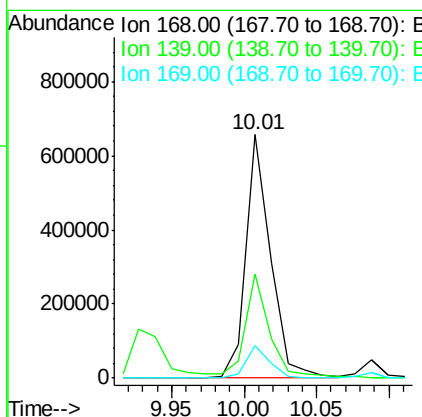
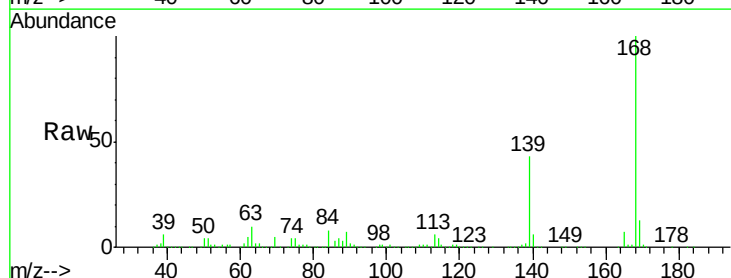
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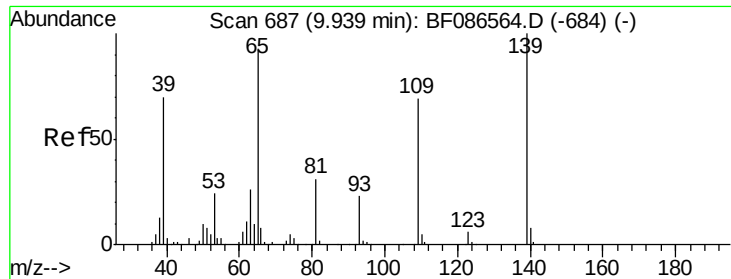
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#54
Dibenzofuran
Concen: 34.34 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	777490		
139	42.7	31.4	47.0	
169	13.4	10.7	16.1	





#55

4-Nitrophenol

Concen: 63.33 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB90099BS

Tgt Ion:139 Resp: 208238
Ion Ratio Lower Upper

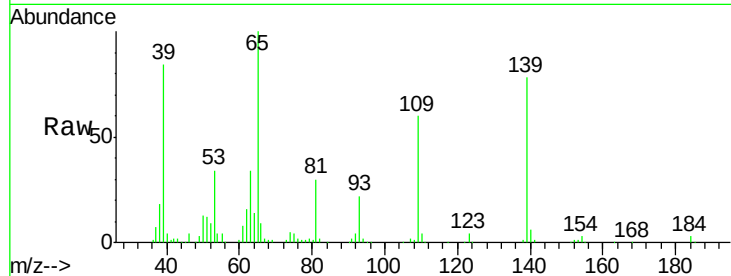
139 100

109 77.3 36.9 76.9#

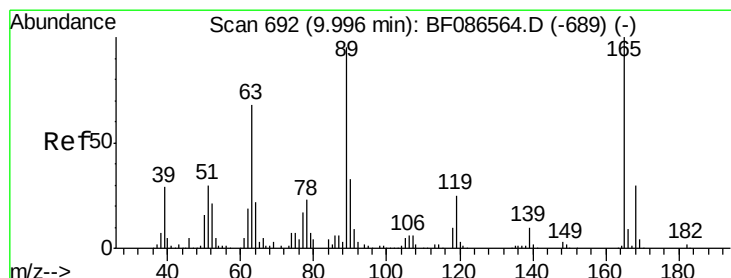
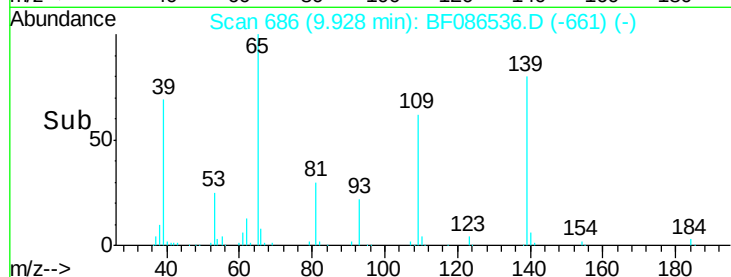
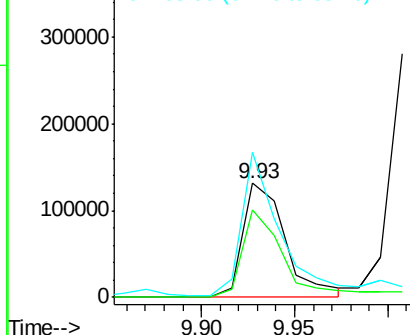
65 128.0 64.0 104.0#

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



#56

2,4-Dinitrotoluene

Concen: 33.79 ng

RT: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Tgt Ion:165 Resp: 190180
Ion Ratio Lower Upper

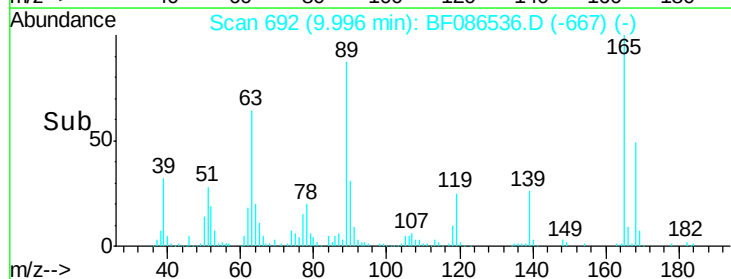
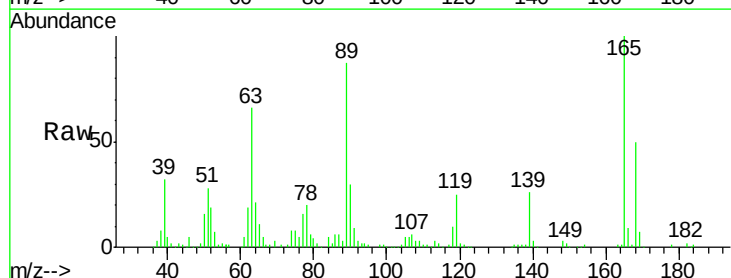
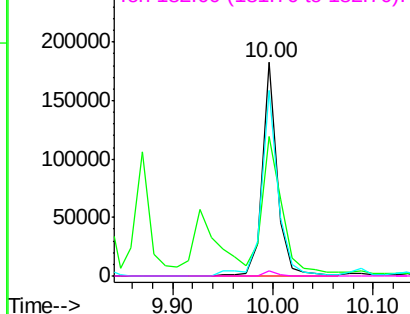
165 100

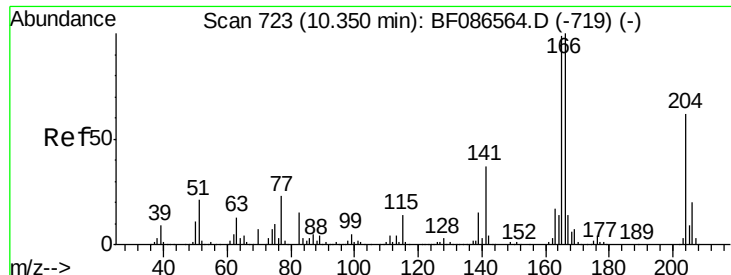
63 65.5 44.3 66.5

89 86.9 70.0 105.0

182 2.4 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





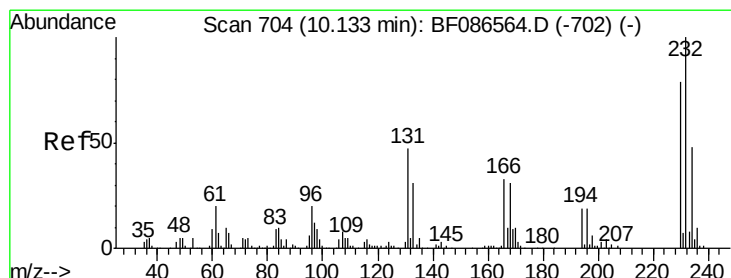
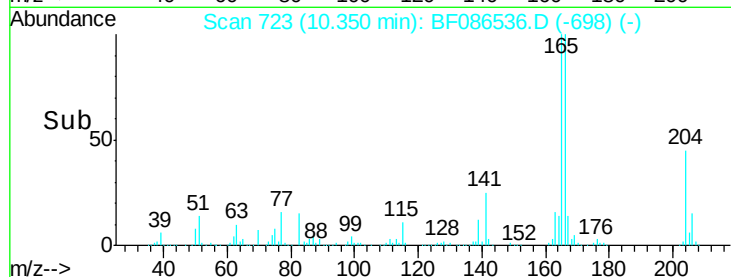
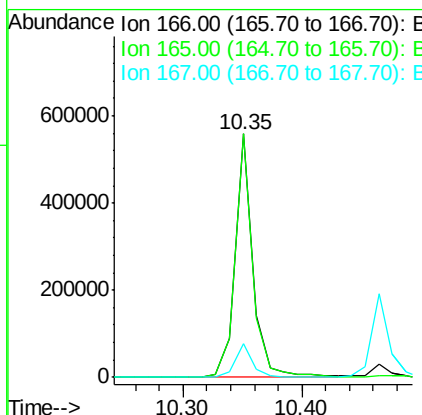
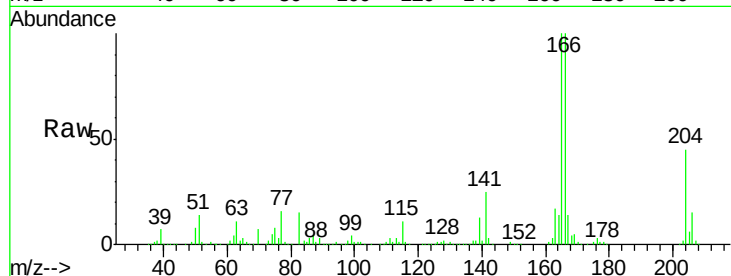
#57
Fluorene
 Concen: 29.59 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	581625		
165	100.2	79.0	118.6	
167	13.8	10.6	15.8	

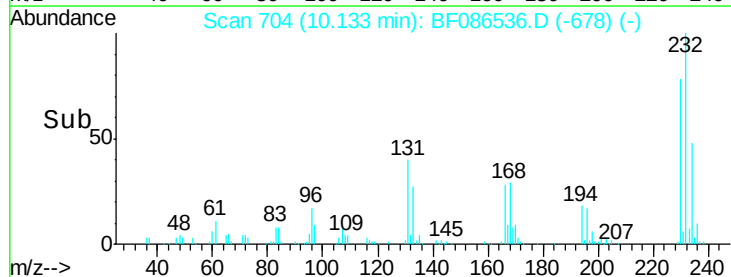
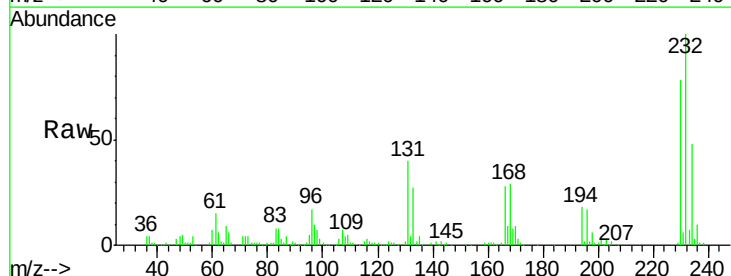
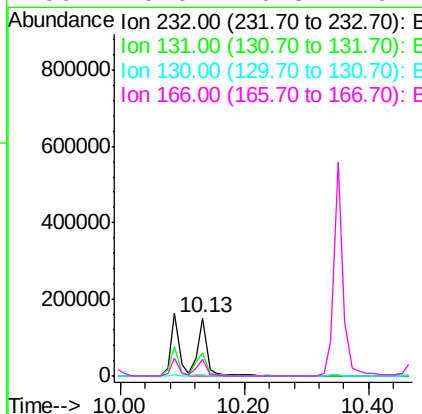
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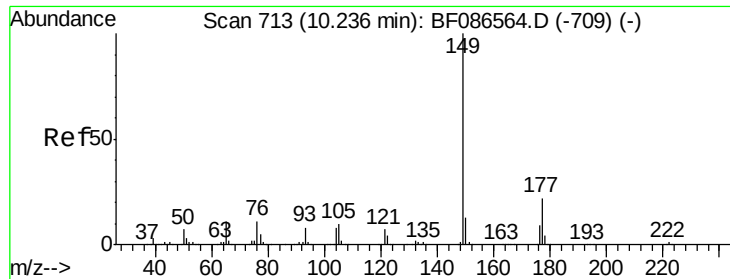
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.94 ng
 RT: 10.13 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	166073		
131	47.1	41.9	62.9	
130	2.5	2.2	3.4	
166	29.0	26.8	40.2	





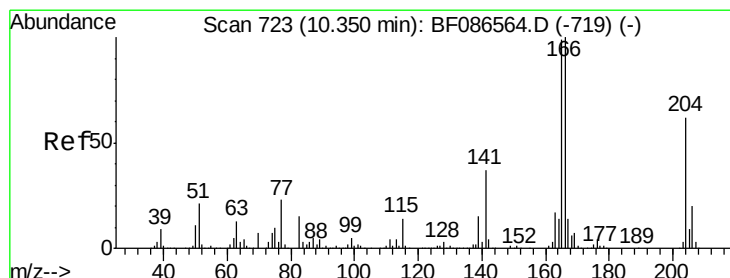
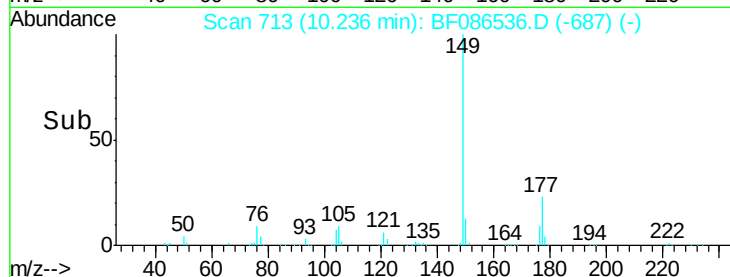
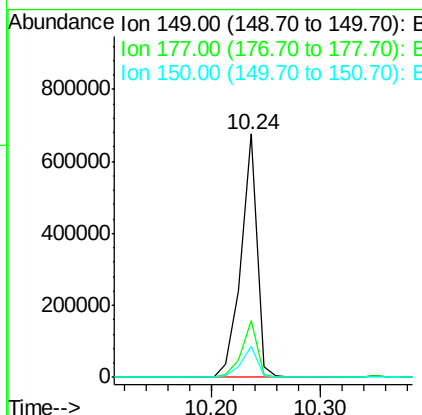
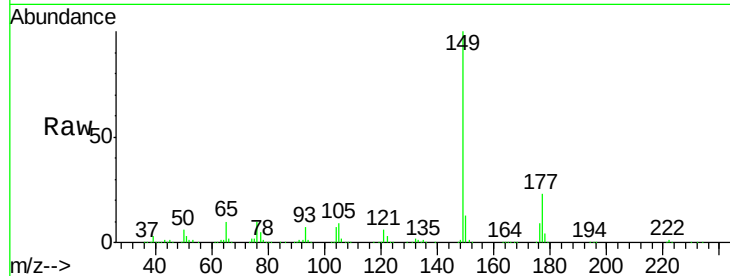
#59
Diethylphthalate
Concen: 33.78 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	683421		
177	23.1	16.6	24.8	
150	12.7	10.0	15.0	

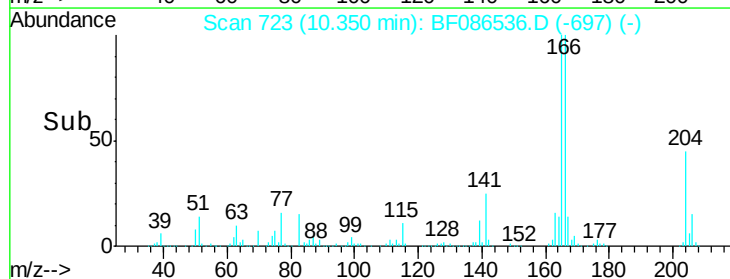
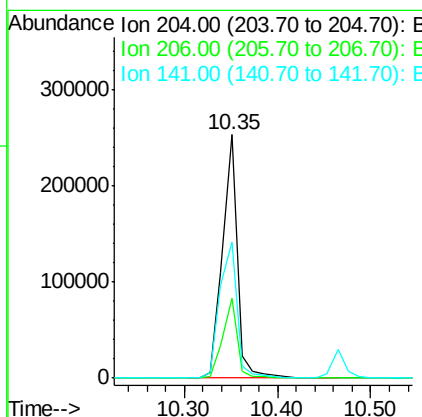
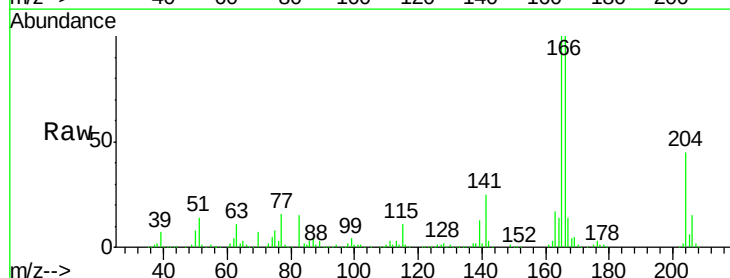
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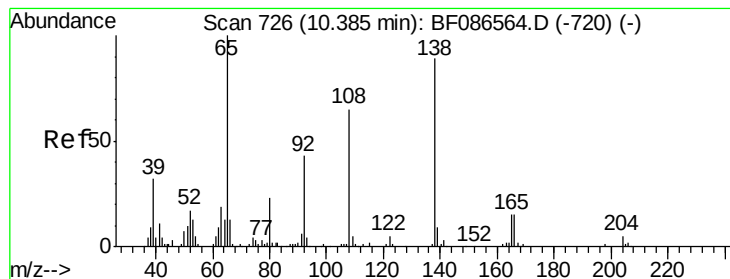
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#60
4-Chlorophenyl-phenylether
Concen: 31.47 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	280902		
206	32.9	25.4	38.0	
141	56.0	61.6	92.4#	





#61

4-Nitroaniline

Concen: 33.86 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF086536.D

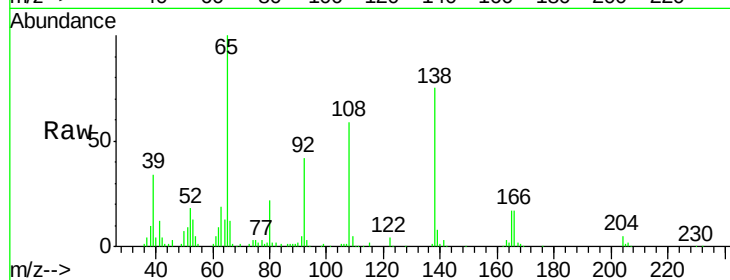
Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB90099BS



Tgt Ion: 138 Resp: 166204

Ion Ratio Lower Upper

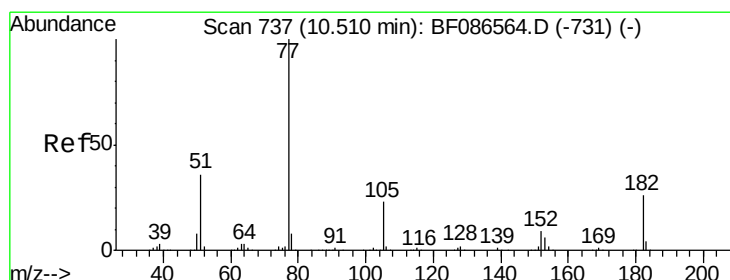
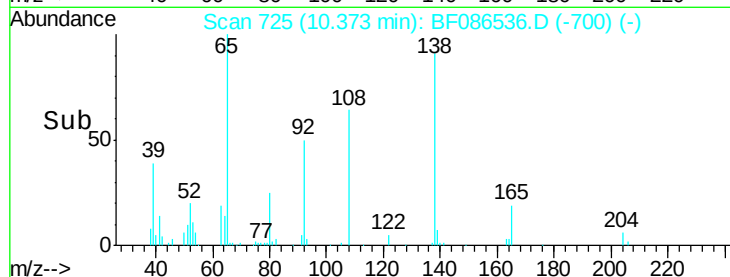
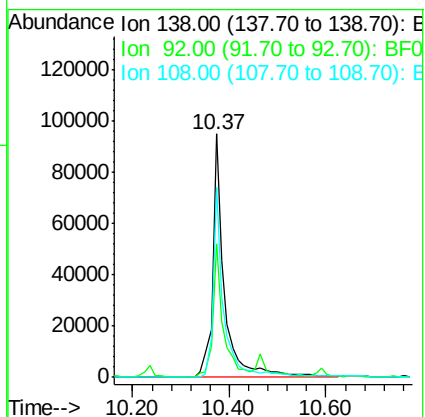
138 100

92 55.1 24.7 64.7

108 77.9 37.4 77.4#

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#62

Azobenzene

Concen: 34.89 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Tgt Ion: 77 Resp: 773125

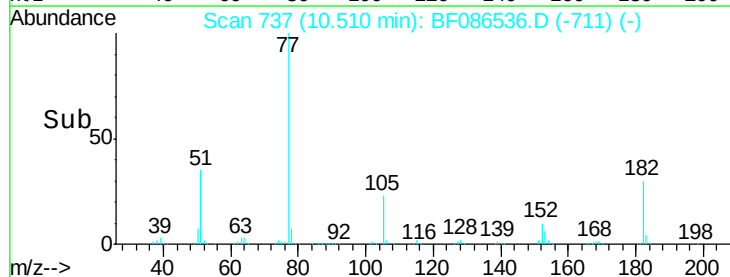
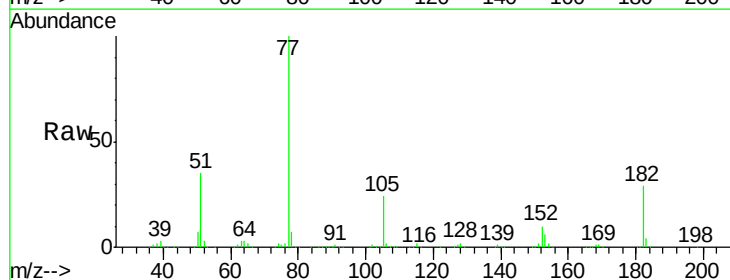
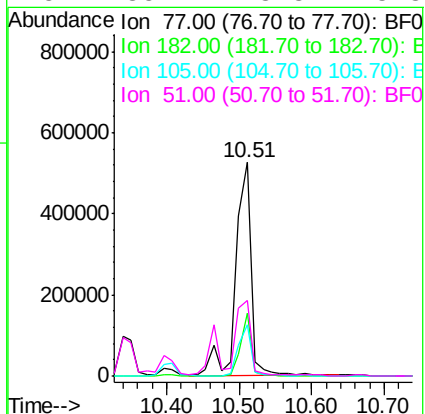
Ion Ratio Lower Upper

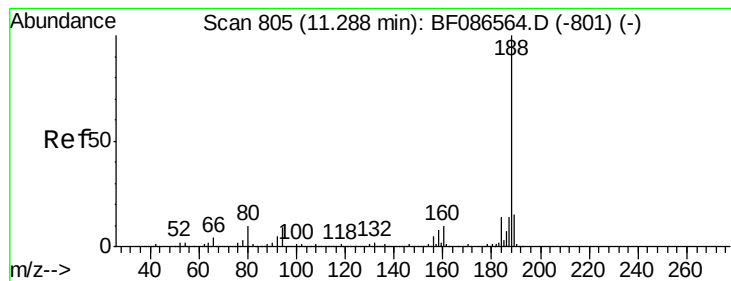
77 100

182 29.3 0.0 38.8

105 24.0 3.2 43.2

51 35.4 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: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

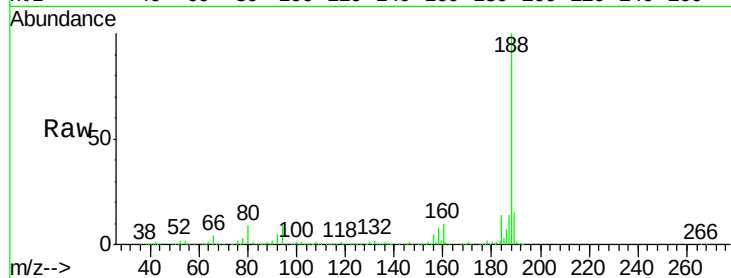
ClientSampleId :

PB90099BS

Tgt Ion:	188	Resp:	570294
Ion Ratio	Lower	Upper	
188	100		
94	9.1	6.8	10.2
80	9.4	7.1	10.7

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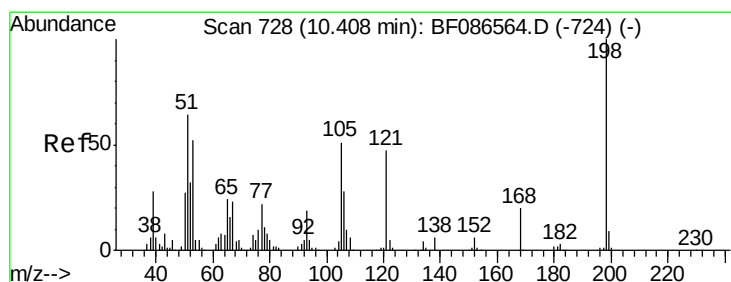
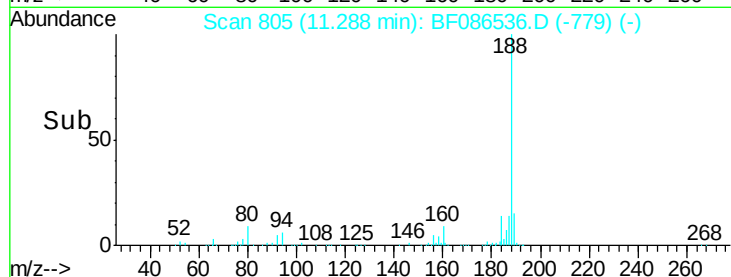
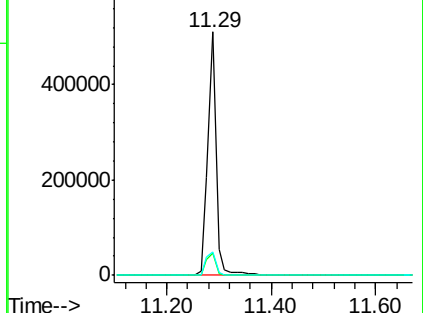
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 31.22 ng

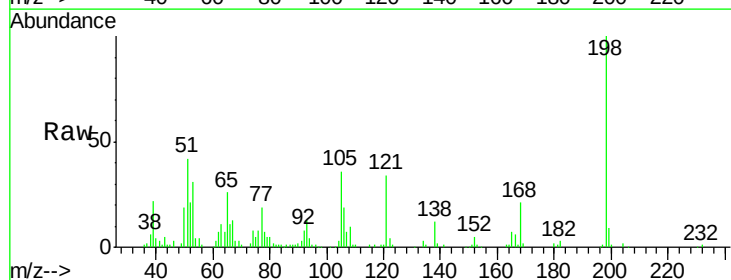
RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

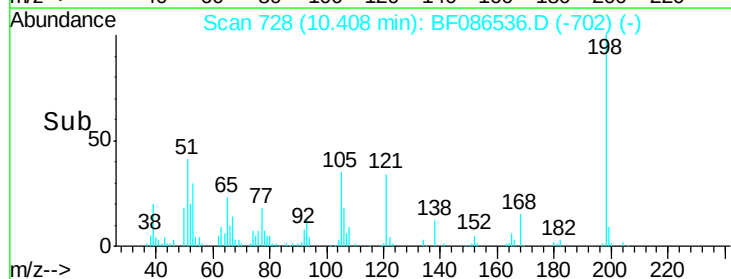
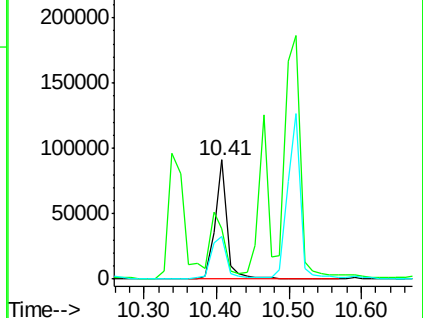
Tgt Ion:	198	Resp:	104525
Ion Ratio	Lower	Upper	
198	100		
51	42.3	20.5	60.5
105	35.7	24.5	64.5

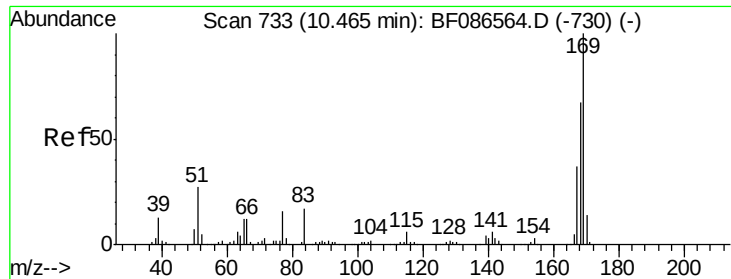


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





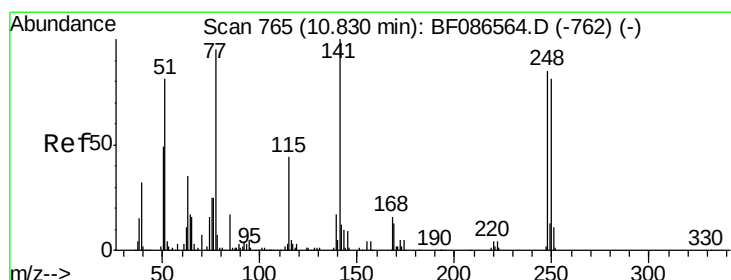
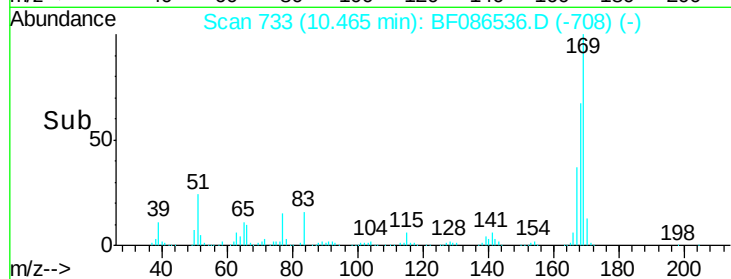
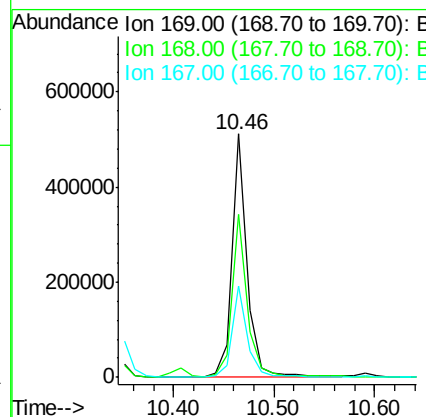
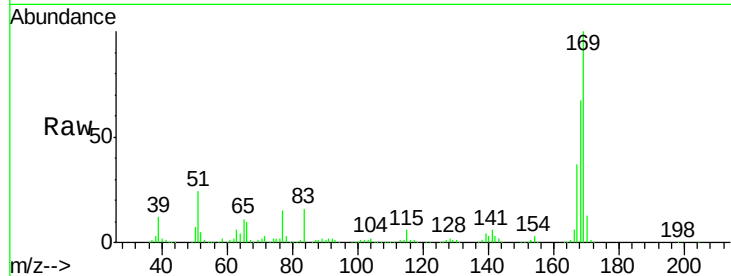
#65
n-Nitrosodiphenylamine
Concen: 30.00 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	534634		
168	67.2	53.8	80.6	
167	37.3	29.5	44.3	

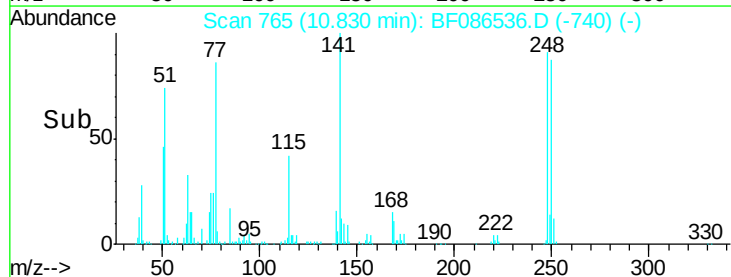
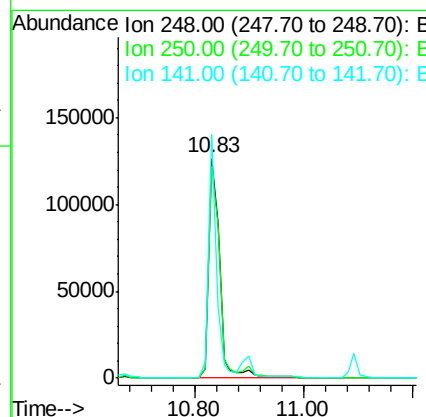
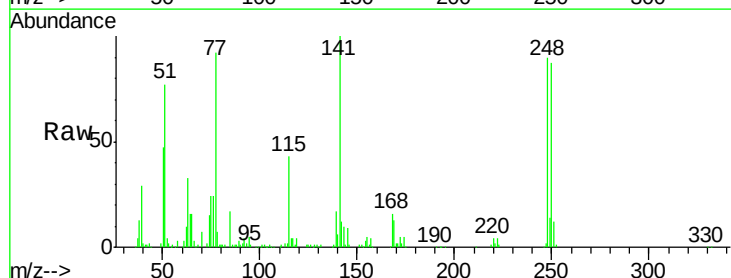
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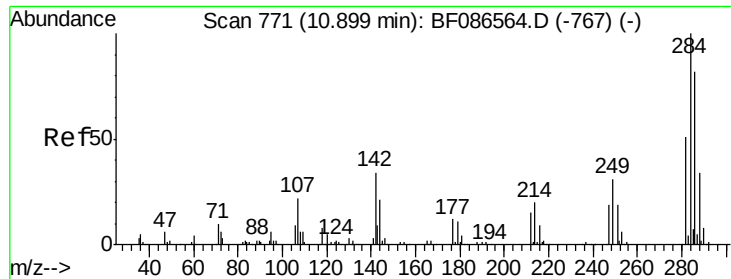
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#66
4-Bromophenyl-phenylether
Concen: 30.09 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	176803		
250	96.1	78.6	117.8	
141	110.8	76.0	114.0	





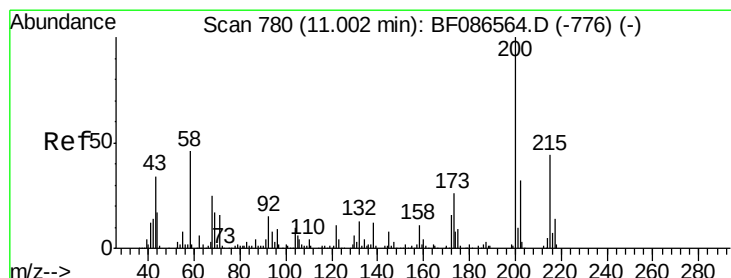
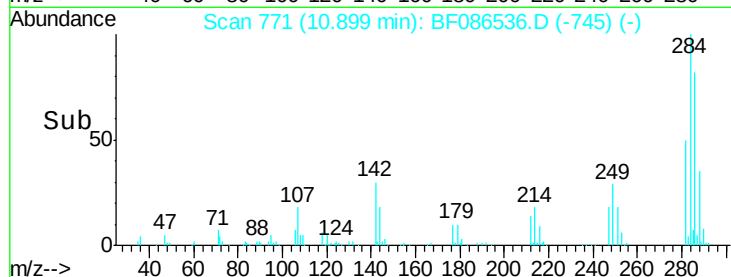
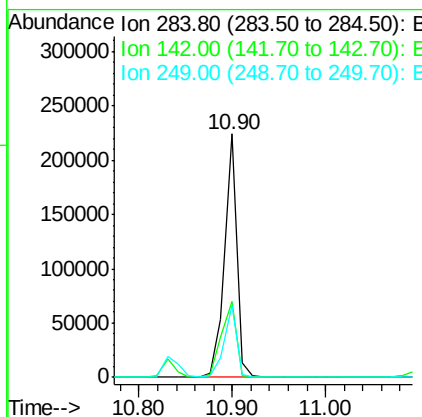
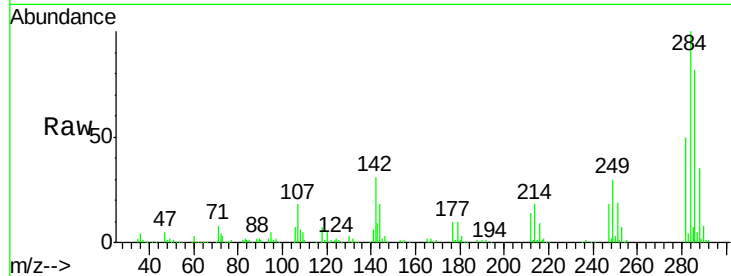
#67
Hexachlorobenzene
Concen: 30.28 ng
RT: 10.90 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	205996		
142	31.3	16.7	25.1#	
249	29.7	21.3	31.9	

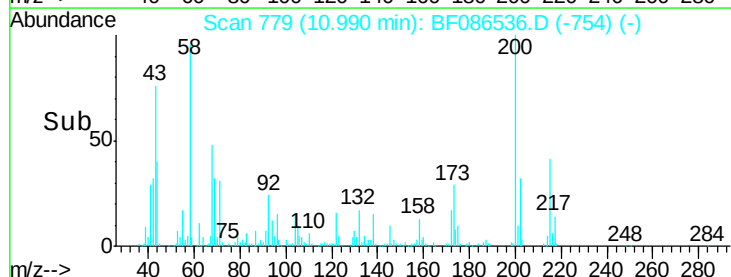
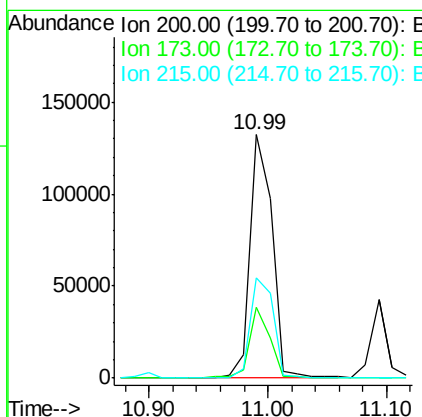
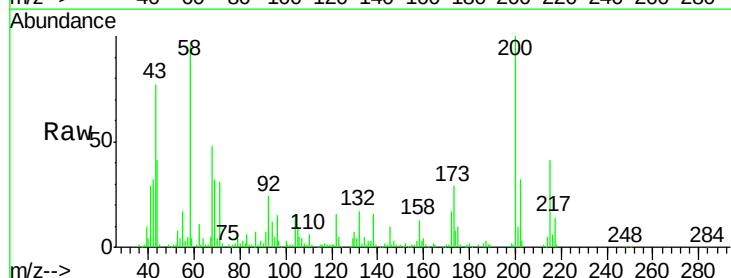
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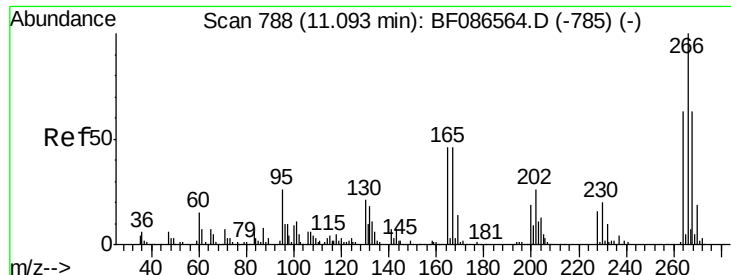
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#68
Atrazine
Concen: 32.42 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	173496		
173	29.2	8.5	48.5	
215	41.3	27.2	67.2	





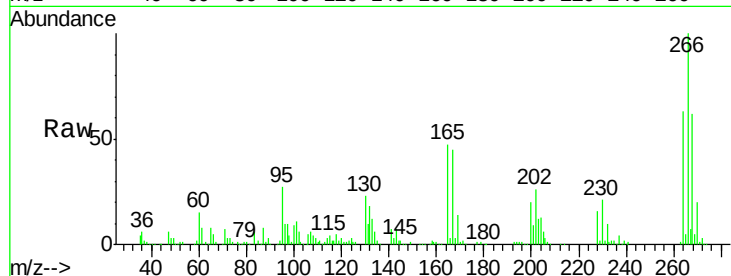
#69
 Pentachlorophenol
 Concen: 58.20 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS

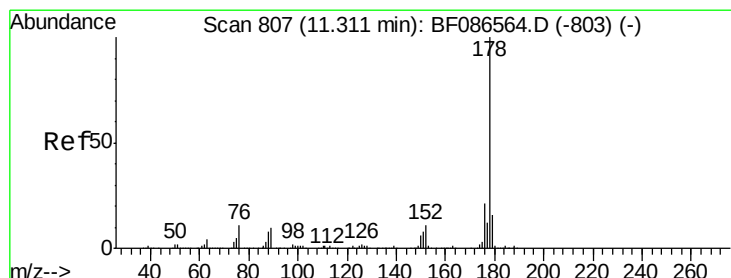
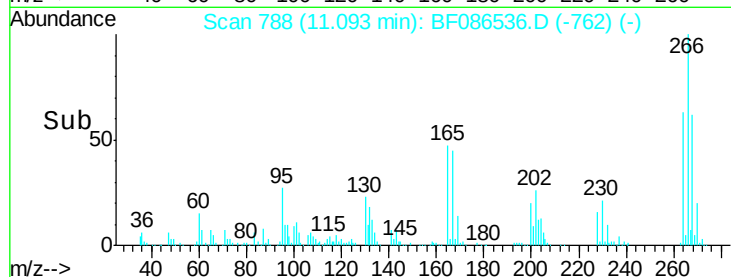
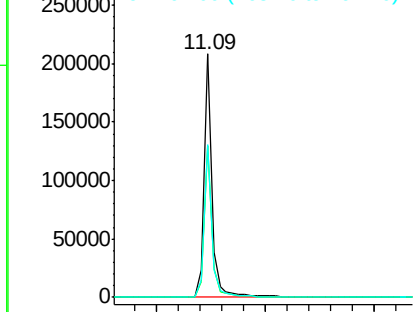
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	208709		
268	62.1		51.5	77.3
264	62.8		52.9	79.3

Manual Integrations
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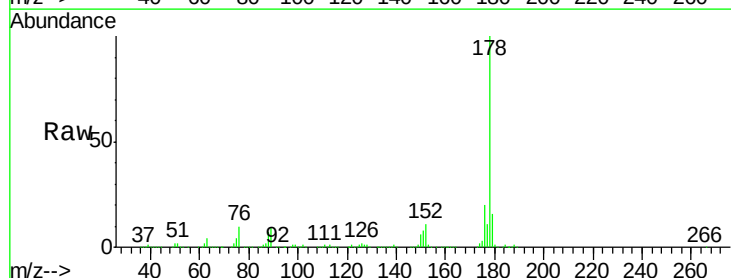


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

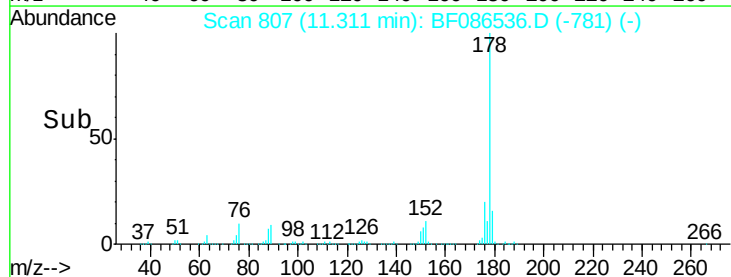
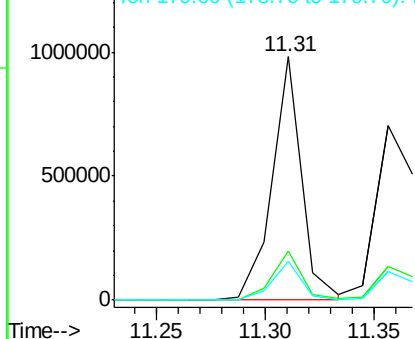


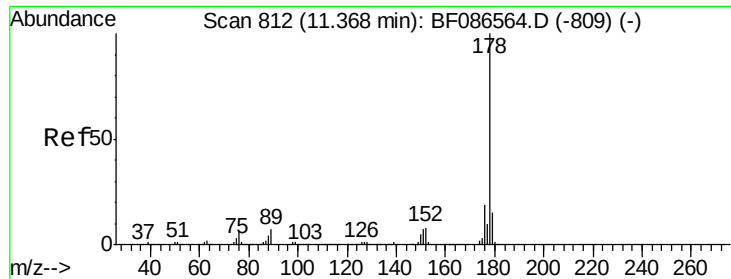
#70
 Phenanthrene
 Concen: 31.24 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	935079		
176	20.3		16.0	24.0
179	15.7		12.6	18.8



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





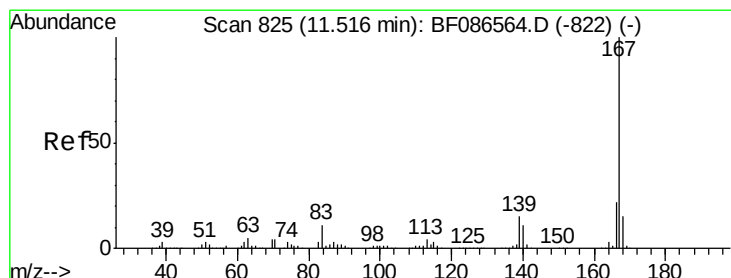
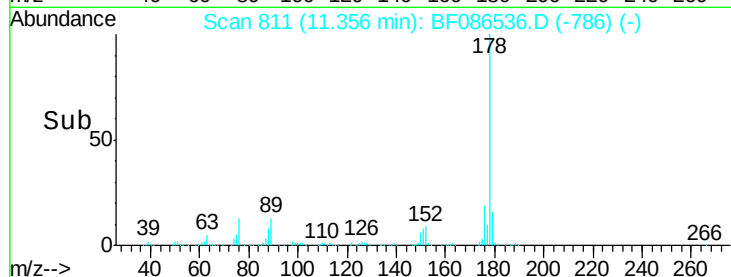
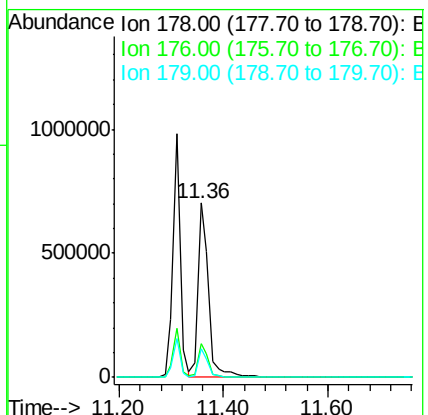
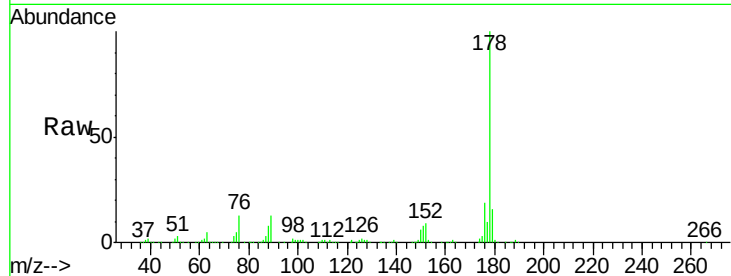
#71
 Anthracene
 Concen: 31.04 ng
 RT: 11.36 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.6	23.4
179	16.1	12.7	19.1

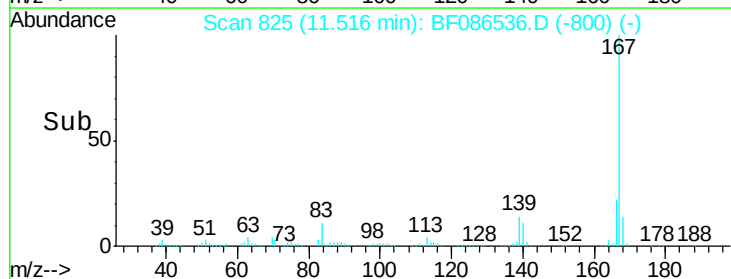
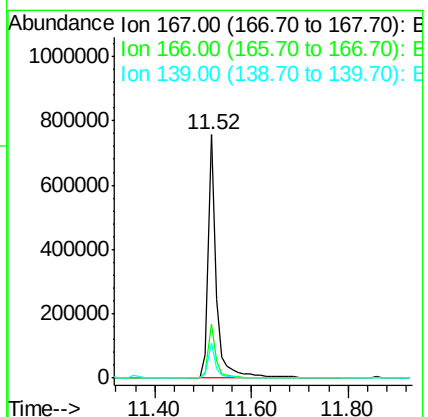
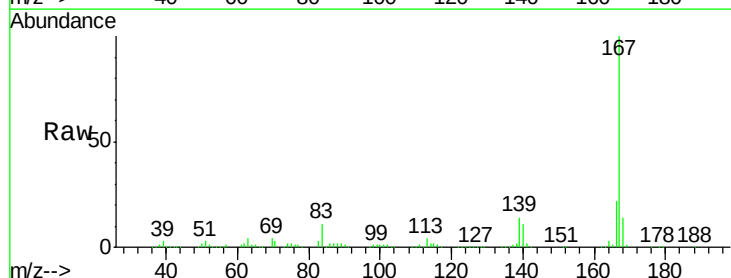
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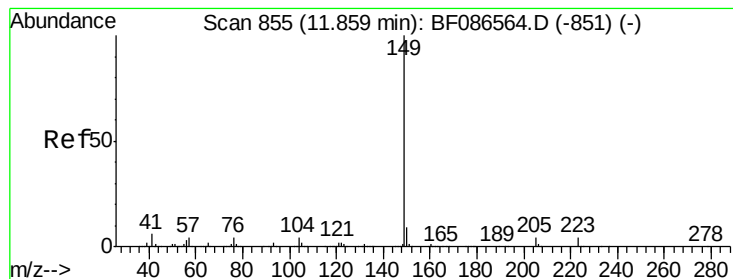
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#72
 Carbazole
 Concen: 31.87 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.7	26.5
139	14.3	10.8	16.2





#73

Di-n-butylphthalate

Concen: 32.39 ng

RT: 11.86 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

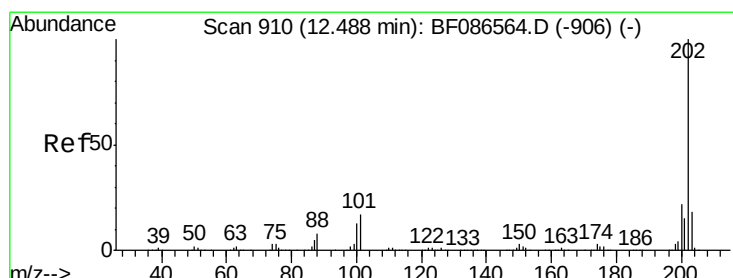
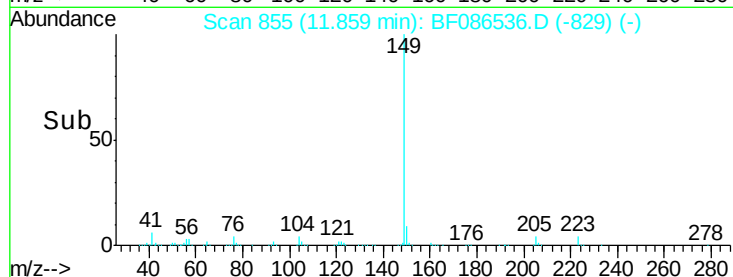
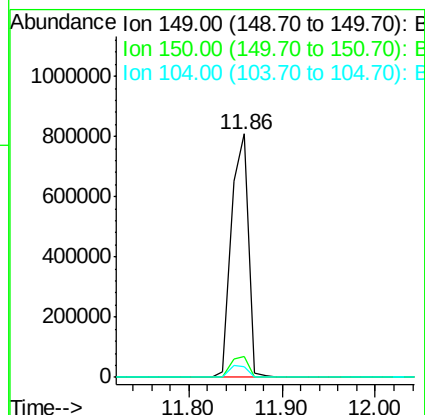
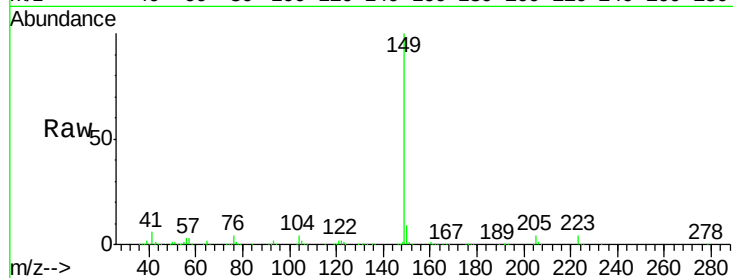
ClientSampleId :

PB90099BS

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Tgt Ion:	149	Resp:	1038662
Ion Ratio	Lower	Upper	
149	100		
150	8.8	7.6	11.4
104	4.2	3.8	5.6



#74

Fluoranthene

Concen: 31.66 ng

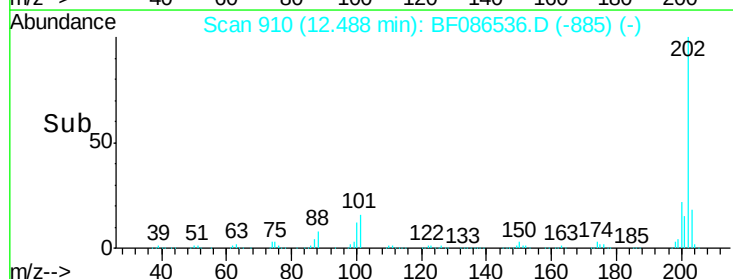
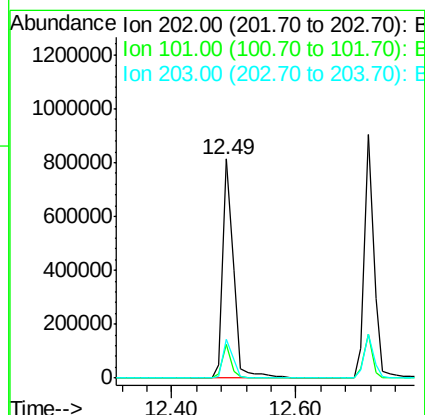
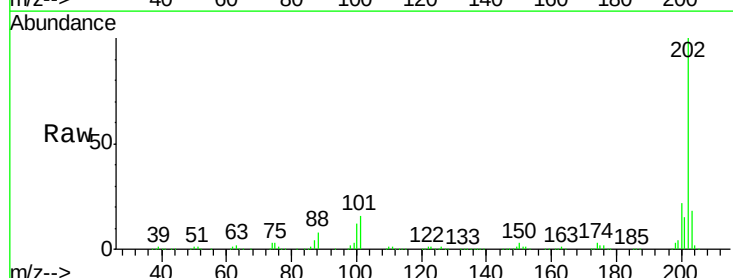
RT: 12.49 min Scan# 910

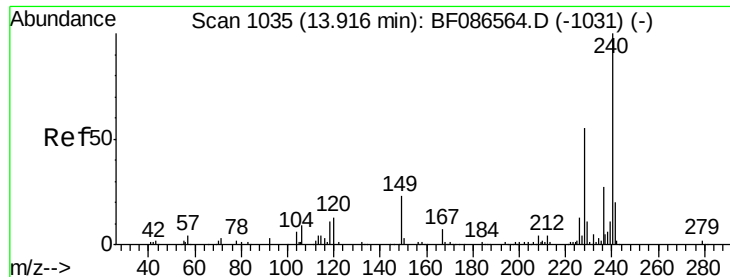
Delta R.T. -0.01 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Tgt Ion:	202	Resp:	956361
Ion Ratio	Lower	Upper	
202	100		
101	15.7	0.0	35.4
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 1035

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

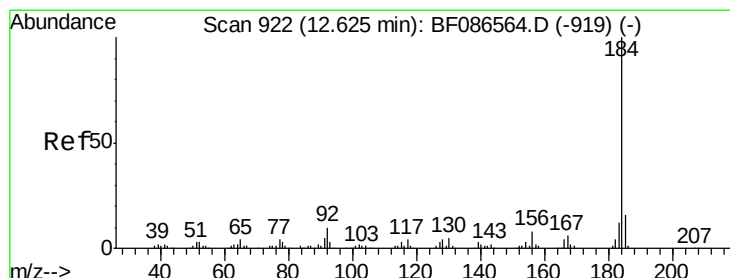
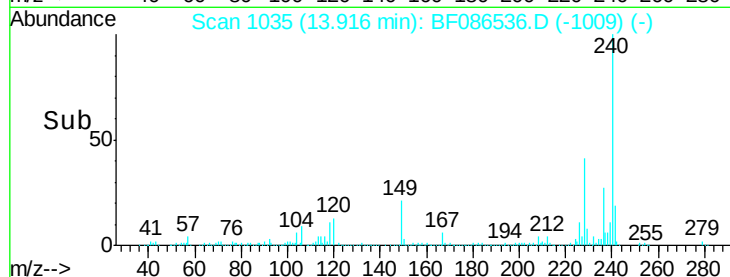
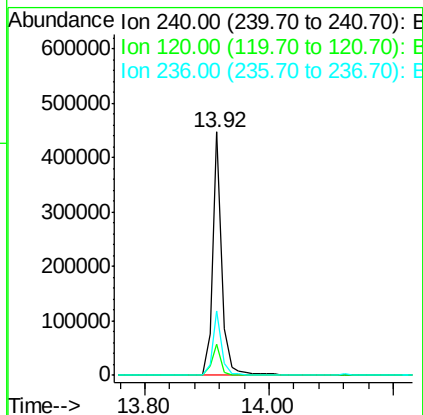
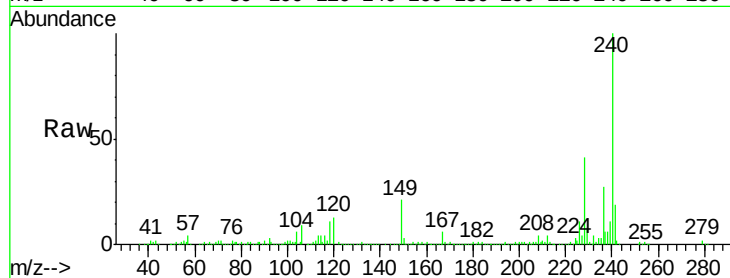
ClientSampleId :

PB90099BS

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Tgt Ion:	240	Resp:	450774
Ion Ratio	Lower	Upper	
240	100		
120	13.0	11.2	16.8
236	26.6	21.2	31.8



#76

Benzidine

Concen: 18.64 ng

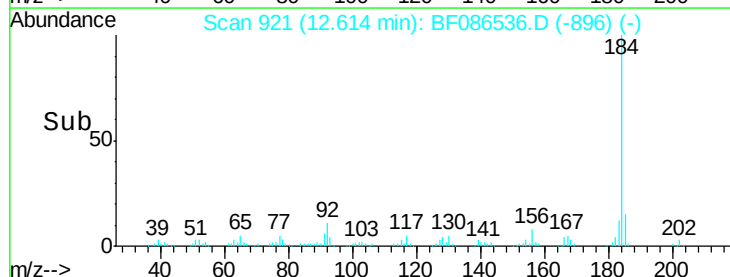
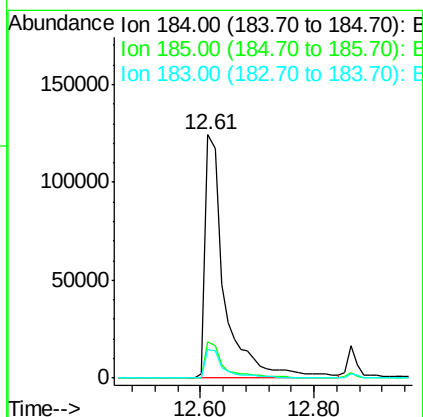
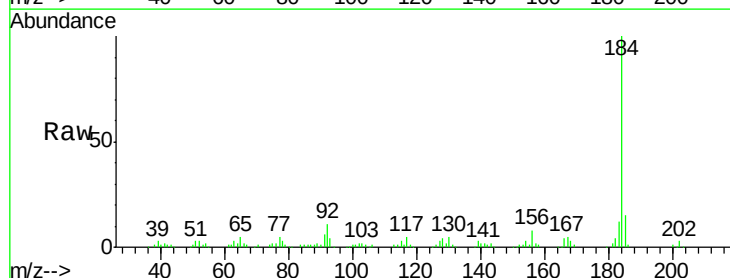
RT: 12.61 min Scan# 921

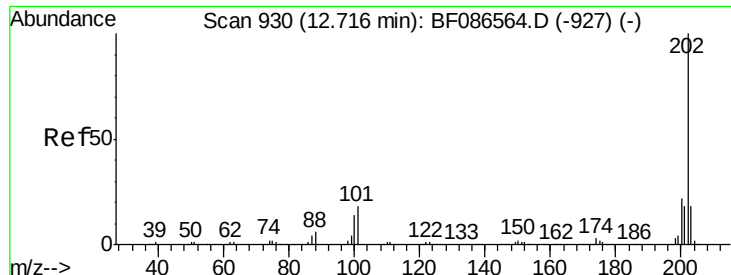
Delta R.T. -0.01 min

Lab File: BF086536.D

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Tgt Ion:	184	Resp:	288710
Ion Ratio	Lower	Upper	
184	100		
185	15.1	13.6	20.4
183	11.7	9.8	14.6





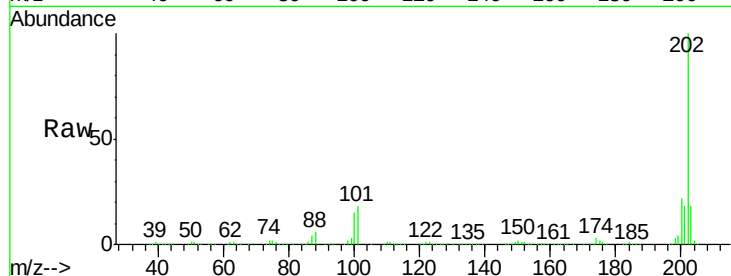
#77
Pyrene
 Concen: 29.15 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS

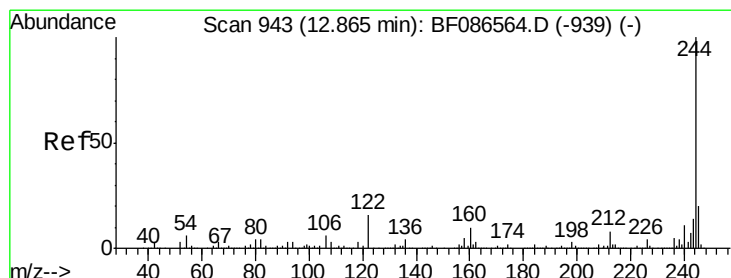
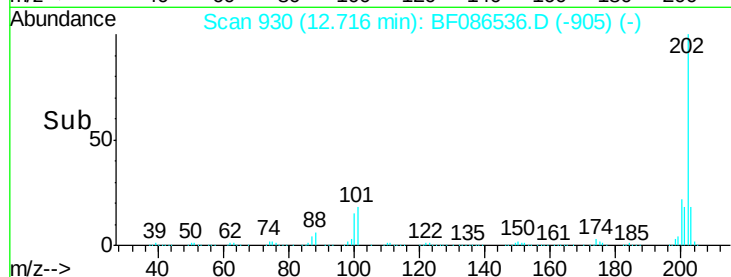
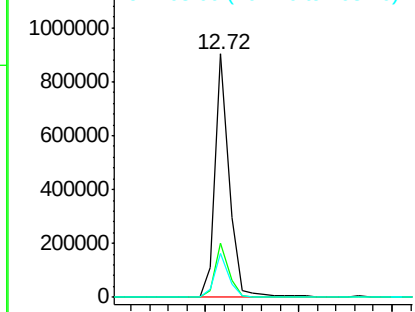
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	946902		
200	22.3	17.7	26.5	
203	18.1	14.2	21.4	

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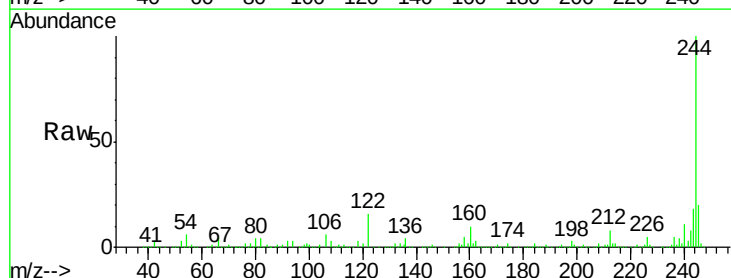


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

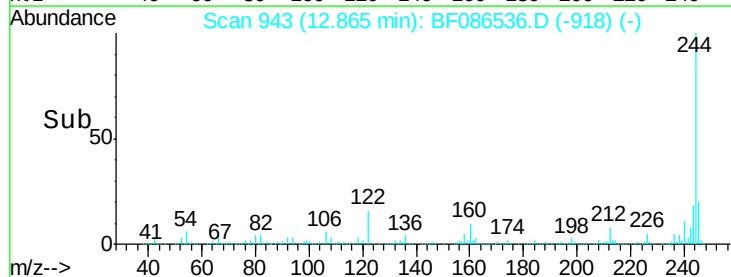
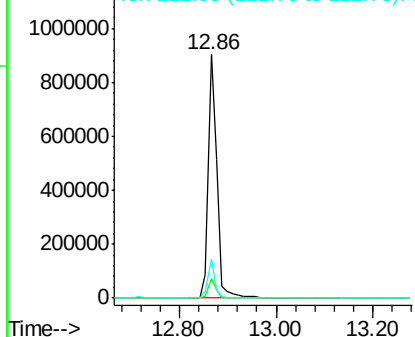


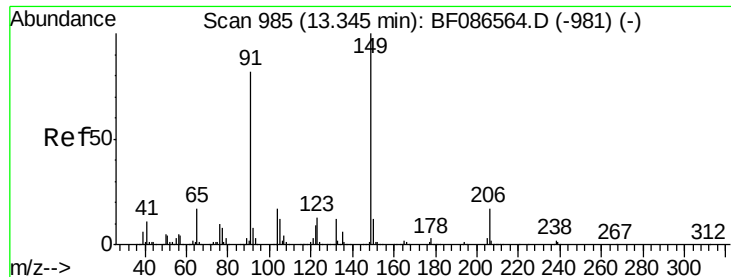
#78
Terphenyl-d14
 Concen: 55.54 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1136398		
212	8.2	6.2	9.2	
122	16.1	12.0	18.0	



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





#79

Butylbenzylphthalate

Concen: 30.23 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF086536.D

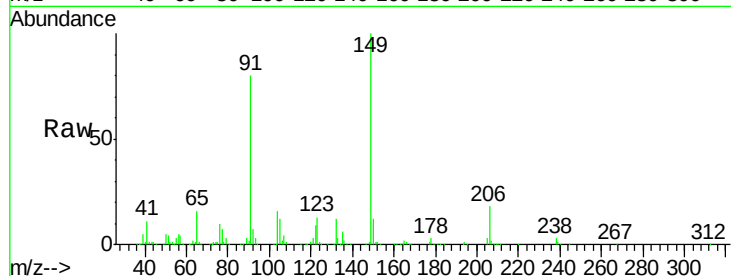
Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB90099BS



Tgt Ion:149 Resp: 425250

Ion Ratio Lower Upper

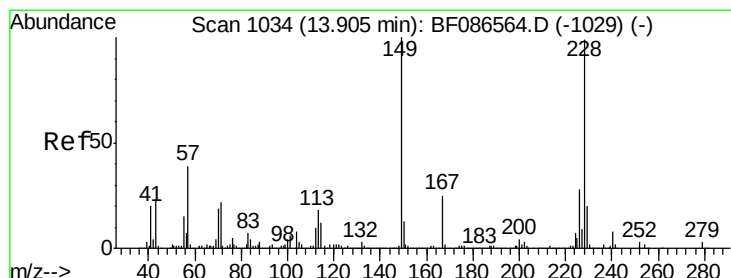
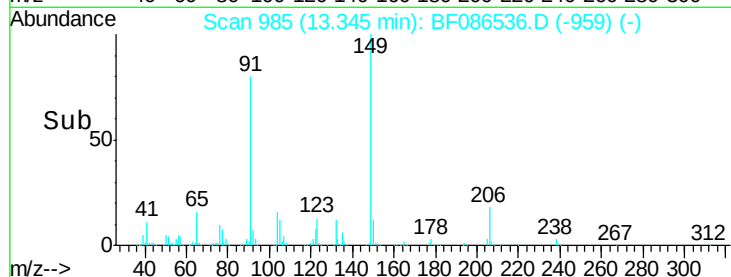
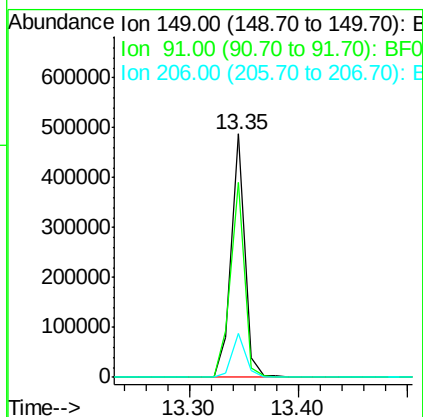
149 100

91 80.3 48.0 72.0#

206 18.1 15.8 23.6

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#80

Benzo(a)anthracene

Concen: 32.89 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086536.D

Acq: 30 Apr 2016 21:08

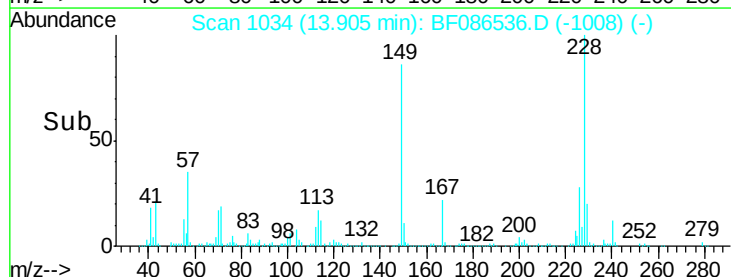
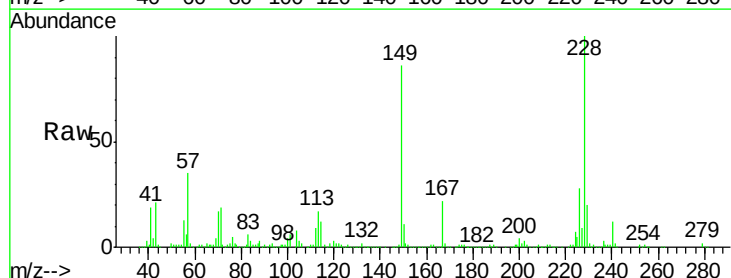
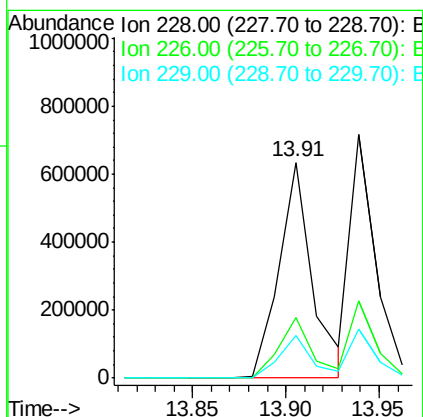
Tgt Ion:228 Resp: 790400

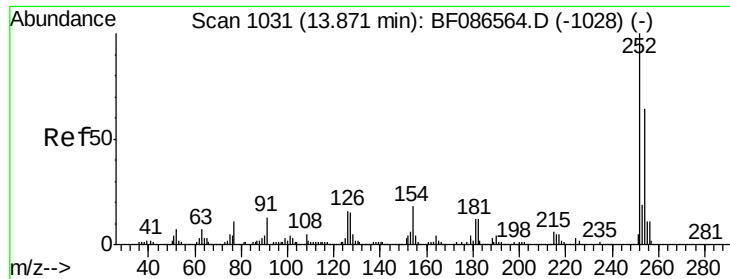
Ion Ratio Lower Upper

228 100

226 28.3 22.5 33.7

229 19.8 16.6 25.0





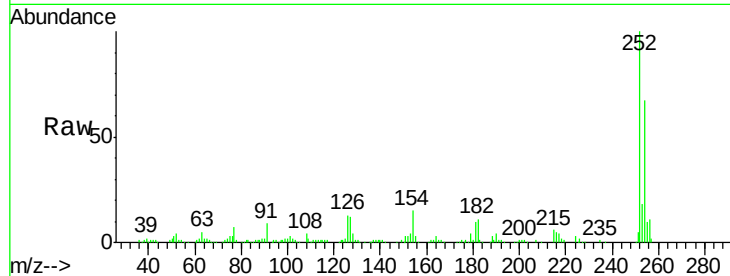
#81
 3,3'-Dichlorobenzidine
 Concen: 10.10 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS

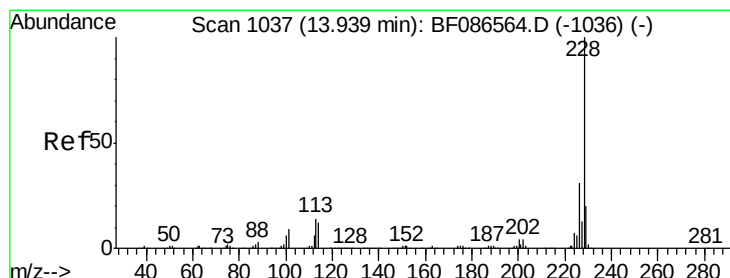
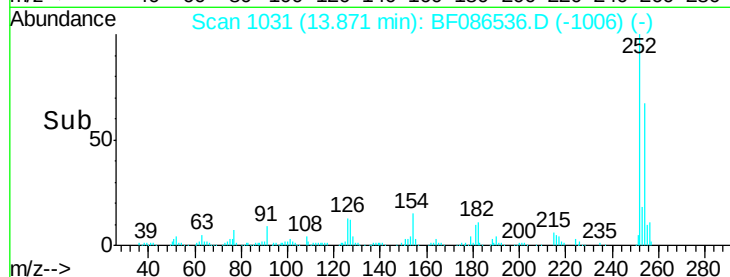
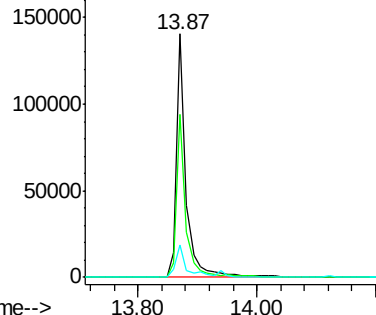
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	162275		
254	66.7	50.7	76.1	
126	13.3	12.7	19.1	

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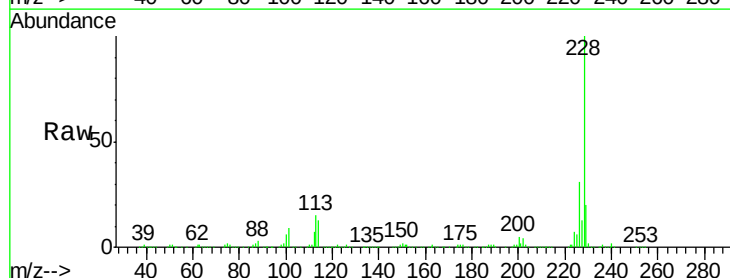


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

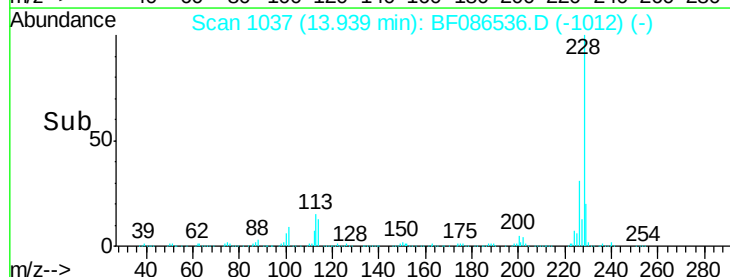
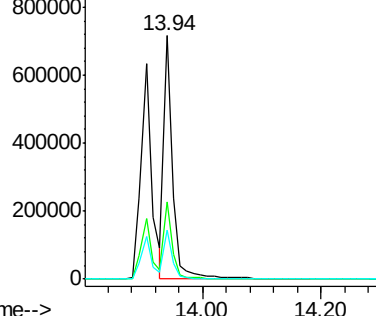


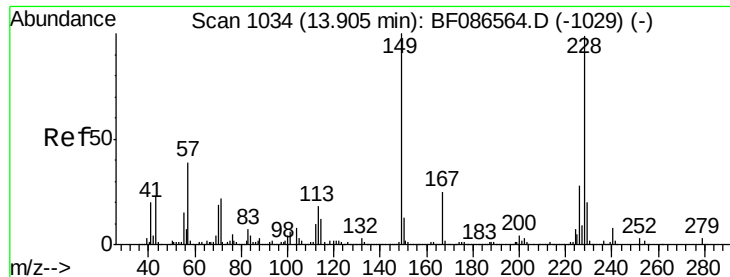
#82
 Chrysene
 Concen: 28.57 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	746409		
226	31.5	24.4	36.6	
229	20.2	15.8	23.8	



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





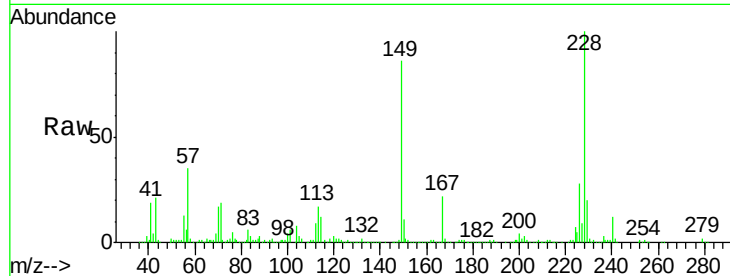
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.78 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS

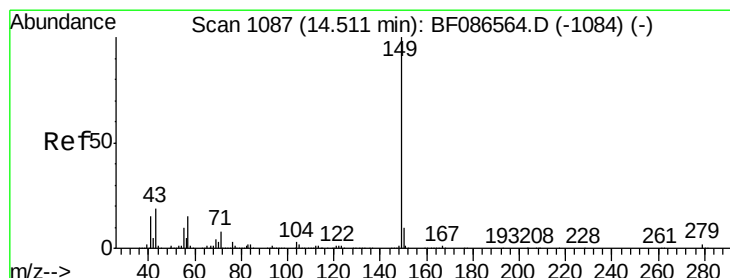
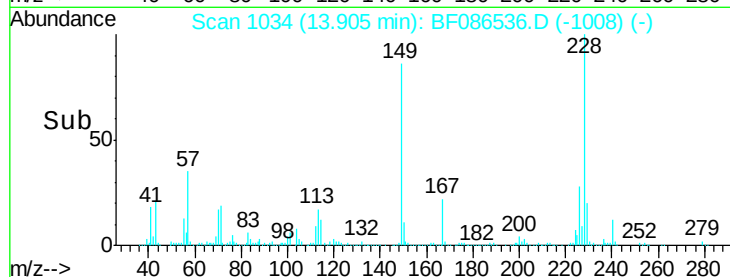
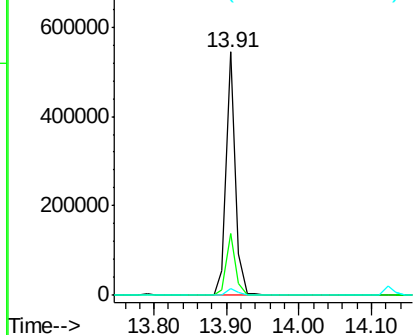
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	485050		
167	25.3	21.8	32.6	
279	2.7	2.6	4.0	

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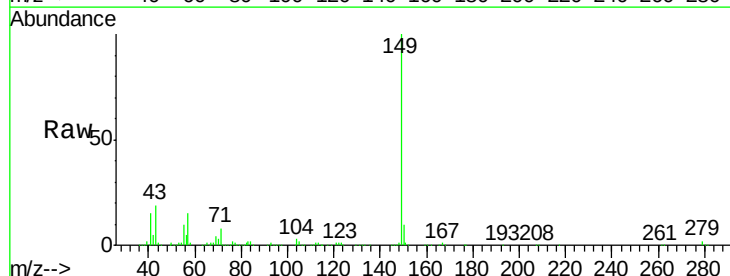


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

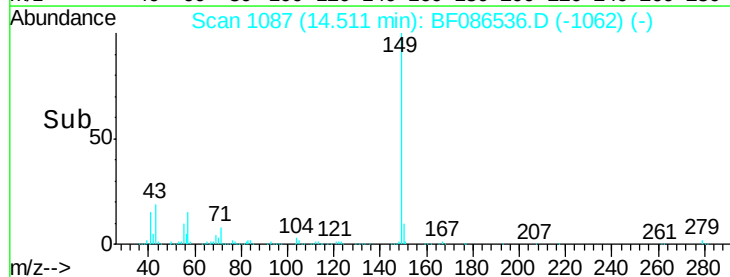
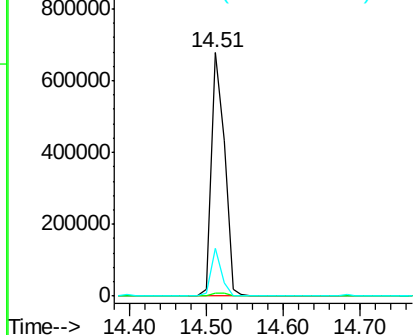


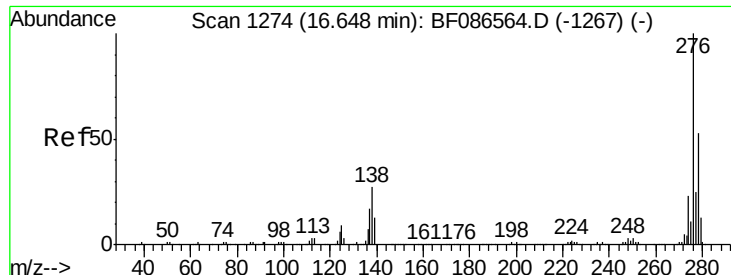
#84
 Di-n-octyl phthalate
 Concen: 29.05 ng
 RT: 14.51 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	794501		
167	1.5	1.2	1.8	
43	15.3	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





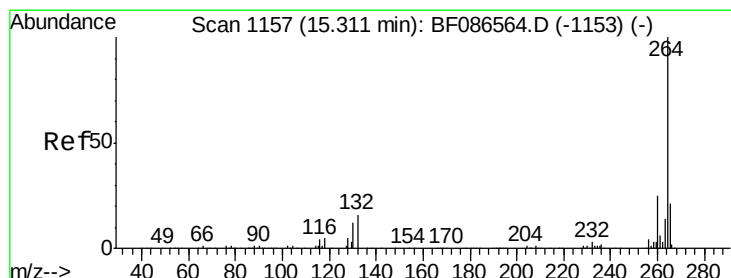
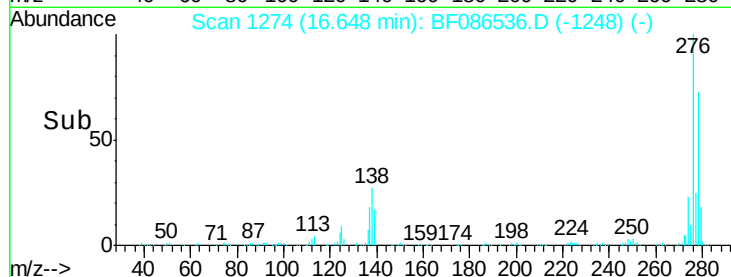
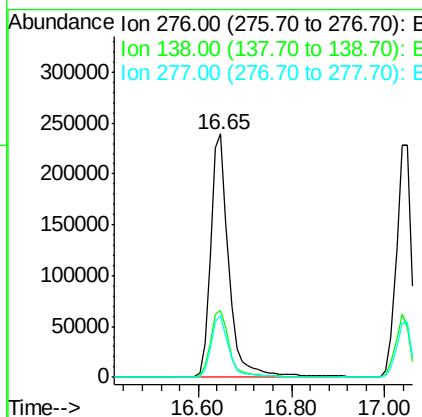
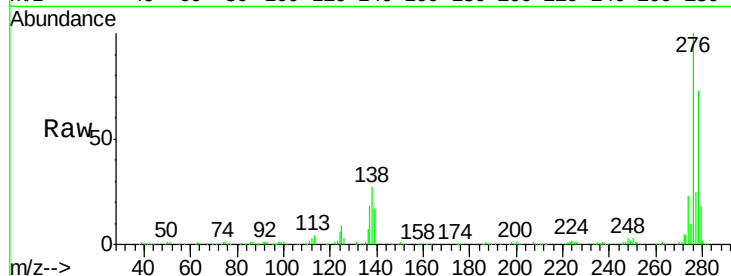
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.75 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Instrument :
 BNA_F
 ClientSampleId :
 PB90099BS

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

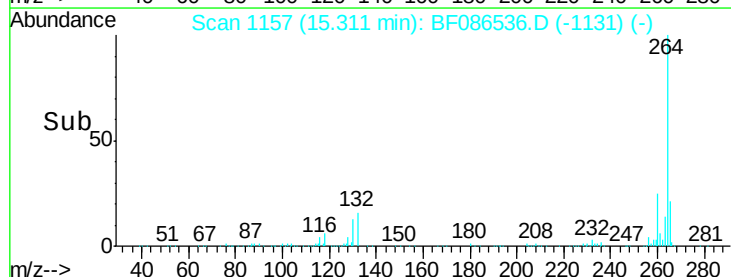
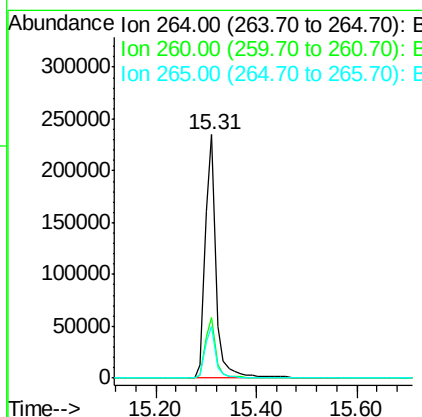
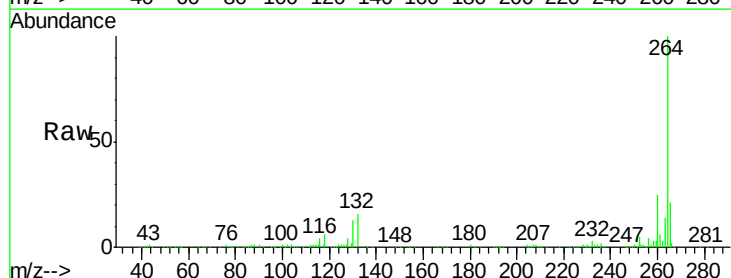
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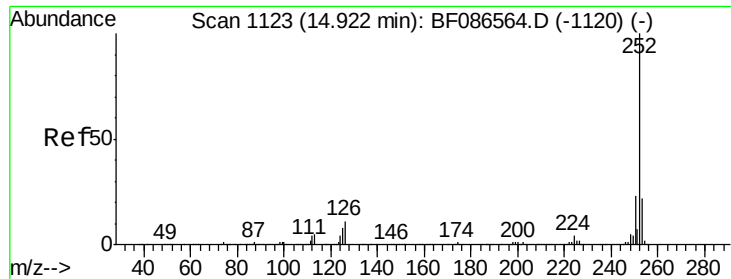
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086536.D
 Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	21.1	17.3	25.9





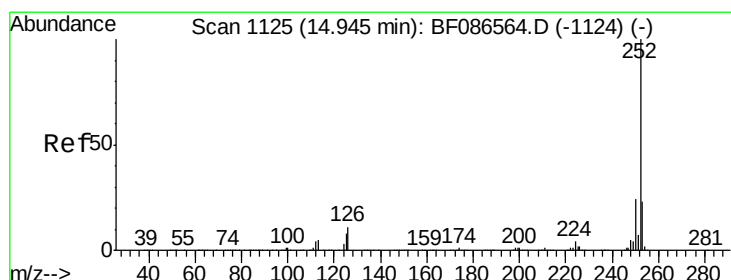
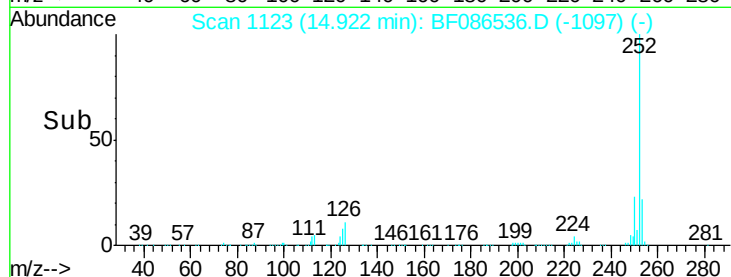
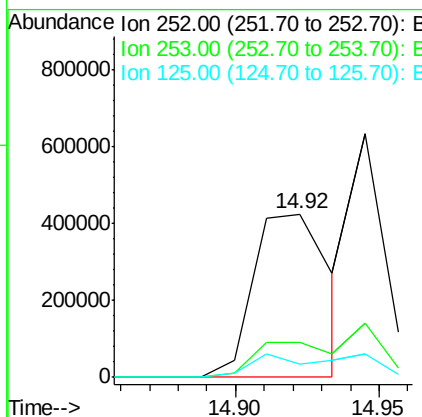
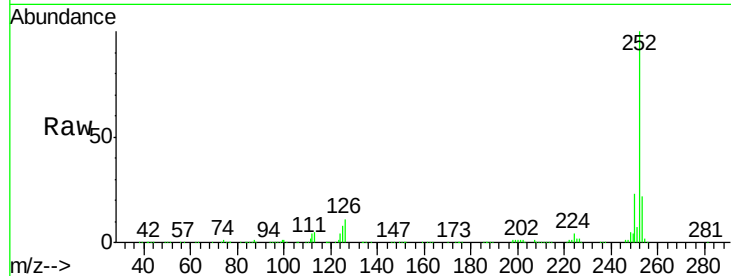
#87
Benzo(b)fluoranthene
Concen: 37.95 ng m
RT: 14.92 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	8.1	11.4	17.0

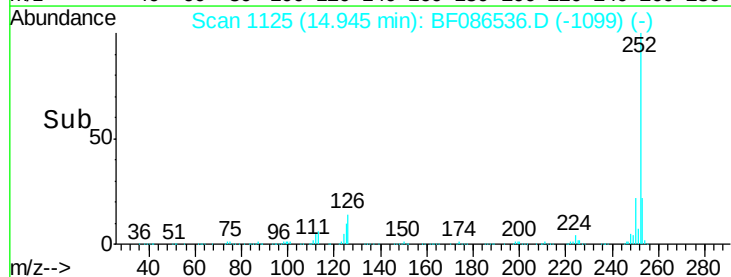
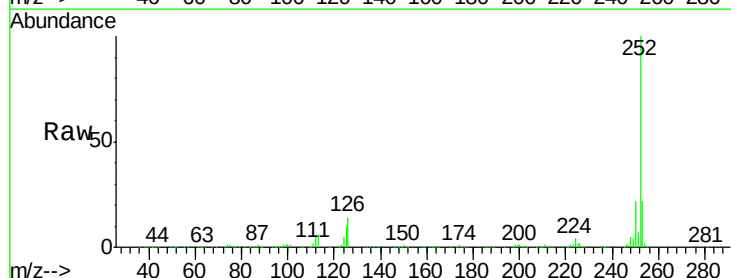
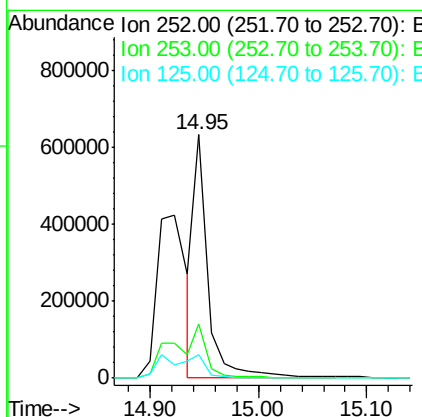
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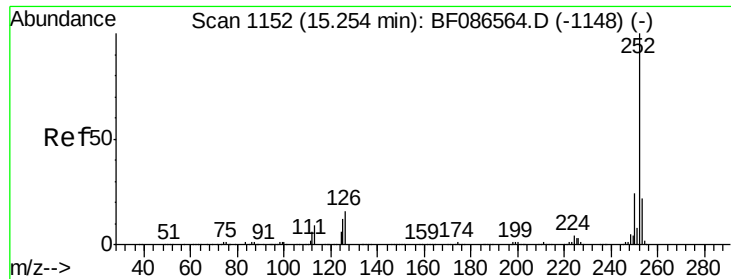
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#88
Benzo(k)fluoranthene
Concen: 28.00 ng m
RT: 14.95 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	9.8	9.1	13.7





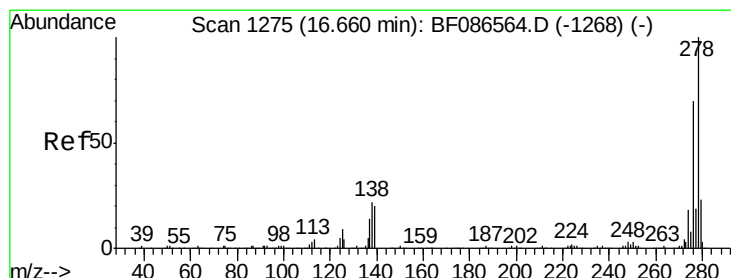
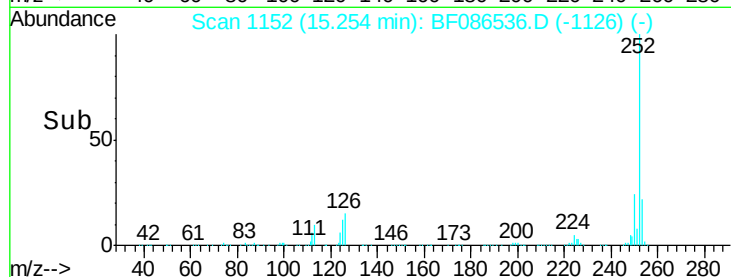
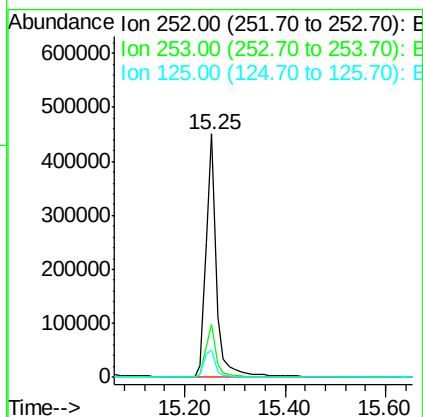
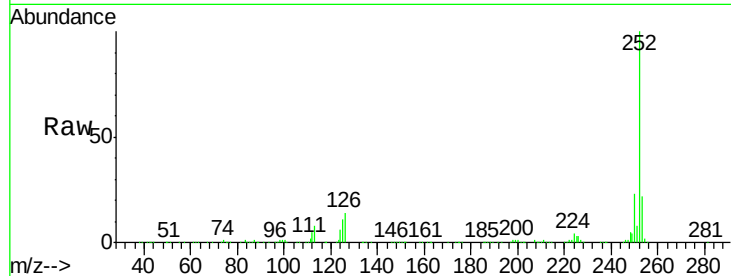
#89
Benzo(a)pyrene
Concen: 32.76 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Instrument :
BNA_F
ClientSampleId :
PB90099BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	11.0	9.0	13.6

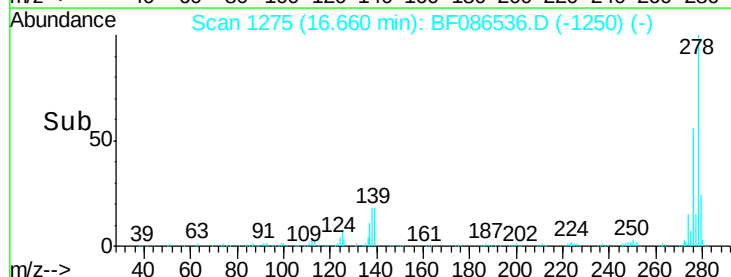
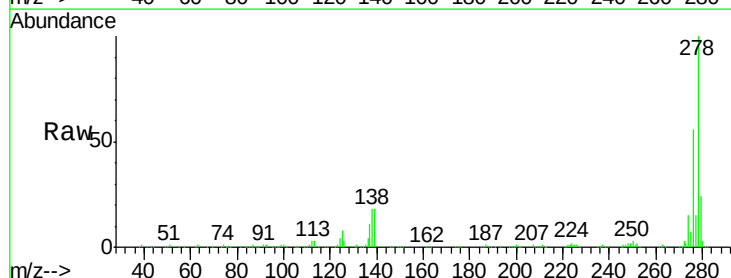
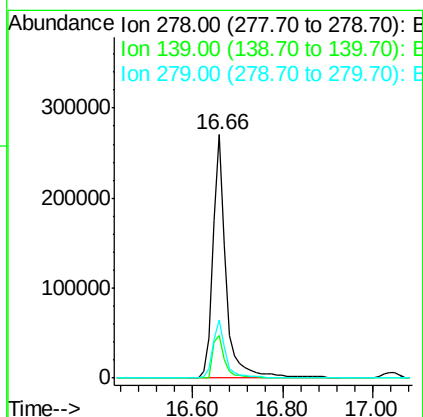
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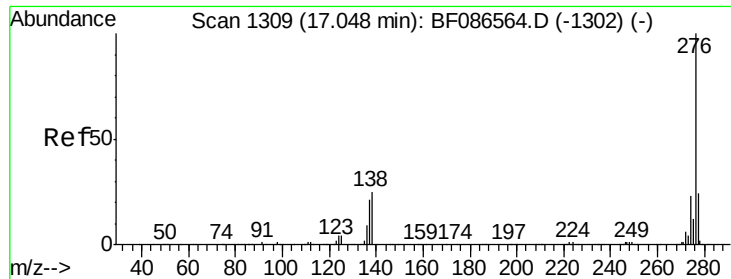
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#90
Dibenzo(a,h)anthracene
Concen: 34.03 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086536.D
Acq: 30 Apr 2016 21:08

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.7	16.6	24.8
279	23.9	19.6	29.4





#91

Benzo(g,h,i)perylene

Concen: 34.02 ng

RT: 17.04 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF086536.D

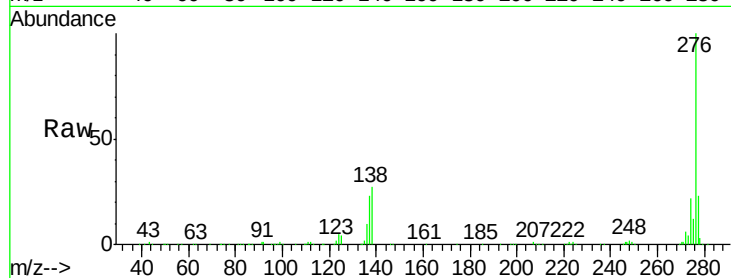
Acq: 30 Apr 2016 21:08

Instrument :

BNA_F

ClientSampleId :

PB90099BS



Tgt Ion:	276	Resp:	548234
Ion Ratio	Lower	Upper	
276	100		
277	23.1	19.6	29.4
138	27.1	23.6	35.4

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