

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086528.D
 Acq On : 30 Apr 2016 17:21
 Operator : UM/SJ
 Sample : PB90147BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BSD

Manual Integrations
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 5/2/2016 7:53:17 PM

Quant Time: May 01 04:17:13 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	132633	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	574500	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	273327	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	553963	20.00	ng	0.00
75) Chrysene-d12	13.92	240	434094	20.00	ng	0.00
86) Perylene-d12	15.31	264	343826	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	567626	73.82	ng	0.01
7) Phenol-d6	6.41	99	752686	70.13	ng	0.00
23) Nitrobenzene-d5	7.33	82	673560	63.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	188135	65.27	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1125437	68.99	ng	-0.01
78) Terphenyl-d14	12.87	244	1115654	56.62	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	112845	27.94	ng	# 82
3) Pyridine	3.06	79	316007	33.06	ng	# 65
4) n-Nitrosodimethylamine	3.00	42	174731	32.07	ng	# 57
6) Aniline	6.43	93	160300	12.34	ng	97
8) 2-Chlorophenol	6.54	128	295424	30.85	ng	83
9) Benzaldehyde	6.30	77	40282	6.45	ng	93
10) Phenol	6.42	94	416894	34.82	ng	88
11) bis(2-Chloroethyl)ether	6.50	93	297919	28.78	ng	# 83
12) 1,3-Dichlorobenzene	6.70	146	310730	30.16	ng	95
13) 1,4-Dichlorobenzene	6.78	146	321432	30.24	ng	97
14) 1,2-Dichlorobenzene	6.93	146	294111	30.17	ng	96
15) Benzyl Alcohol	6.91	79	242048	35.65	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	615095	29.69	ng	90
17) 2-Methylphenol	7.04	107	246729	31.87	ng	96
18) Hexachloroethane	7.28	117	115976	29.20	ng	99
19) n-Nitroso-di-n-propylamine	7.18	70	227527	32.07	ng	# 74
20) 3+4-Methylphenols	7.18	107	306625	34.69	ng	91
22) Acetophenone	7.18	105	398828	31.66	ng	# 85
24) Nitrobenzene	7.36	77	326928	29.82	ng	# 88
25) Isophorone	7.60	82	629844	30.70	ng	96
26) 2-Nitrophenol	7.66	139	154448	30.59	ng	# 71
27) 2,4-Dimethylphenol	7.71	122	278245	31.41	ng	90
28) bis(2-Chloroethoxy)methane	7.81	93	374662	33.53	ng	100
29) 2,4-Dichlorophenol	7.92	162	258901	34.64	ng	95
30) 1,2,4-Trichlorobenzene	8.00	180	266400	30.73	ng	97
31) Naphthalene	8.08	128	922053	31.54	ng	99
32) Benzoic acid	7.84	122	136516	29.58	ng	95
33) 4-Chloroaniline	8.13	127	81136	7.41	ng	99
34) Hexachlorobutadiene	8.19	225	137134	28.22	ng	99
35) Caprolactam	8.49	113	84020m	33.70	ng	
36) 4-Chloro-3-methylphenol	8.61	107	276326	32.29	ng	91
37) 2-Methylnaphthalene	8.76	142	557942	32.34	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	240512	30.74	ng	97
40) Hexachlorocyclopentadiene	8.92	237	242116	62.27	ng	95

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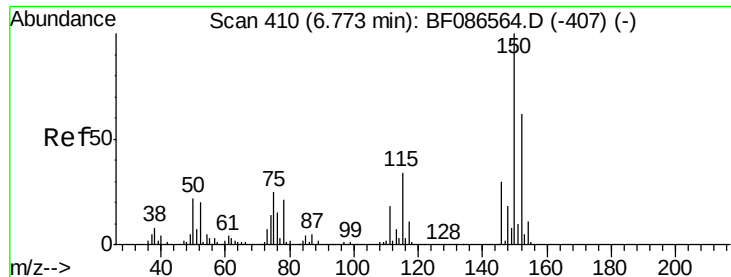
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	170106	34.40	ng	95
43) 2,4,5-Trichlorophenol	9.09	196	177098	32.85	ng	97
45) 1,1'-Biphenyl	9.23	154	720881	31.55	ng	97
46) 2-Chloronaphthalene	9.25	162	545702	31.41	ng	96
47) 2-Nitroaniline	9.36	65	198689	35.67	ng	95
48) Acenaphthylene	9.66	152	832843	30.67	ng	99
49) Dimethylphthalate	9.54	163	657014	31.93	ng	98
50) 2,6-Dinitrotoluene	9.60	165	150522	35.41	ng	95
51) Acenaphthene	9.84	154	603279	34.59	ng	99
52) 3-Nitroaniline	9.76	138	61305	12.68	ng	# 78
53) 2,4-Dinitrophenol	9.87	184	138466	61.57	ng	88
54) Dibenzofuran	10.01	168	741171	34.00	ng	95
55) 4-Nitrophenol	9.93	139	202245	63.89	ng	# 60
56) 2,4-Dinitrotoluene	10.00	165	184995	34.14	ng	95
57) Fluorene	10.35	166	562828	29.74	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	154255	36.60	ng	97
59) Diethylphthalate	10.24	149	654088	33.58	ng	96
60) 4-Chlorophenyl-phenylether	10.35	204	277256	32.27	ng	# 83
61) 4-Nitroaniline	10.37	138	155701	32.95	ng	81
62) Azobenzene	10.51	77	760091	35.62	ng	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	100338	30.85	ng	91
65) n-Nitrosodiphenylamine	10.46	169	506933	29.28	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	166260	29.13	ng	# 89
67) Hexachlorobenzene	10.90	284	199915	30.26	ng	# 87
68) Atrazine	10.99	200	155982	30.00	ng	94
69) Pentachlorophenol	11.09	266	202179	58.04	ng	98
70) Phenanthrene	11.31	178	911407	31.35	ng	100
71) Anthracene	11.36	178	960100	30.95	ng	99
72) Carbazole	11.52	167	882919	32.11	ng	99
73) Di-n-butylphthalate	11.86	149	981036	31.49	ng	98
74) Fluoranthene	12.49	202	936099	31.90	ng	98
76) Benzidine	12.62	184	195253	13.09	ng	95
77) Pyrene	12.72	202	932023	29.80	ng	99
79) Butylbenzylphthalate	13.35	149	416799	30.77	ng	# 78
80) Benzo(a)anthracene	13.91	228	752949	32.53	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	153684	9.93	ng	# 95
82) Chrysene	13.94	228	742369	29.51	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	482040	28.67	ng	# 97
84) Di-n-octyl phthalate	14.51	149	764044	29.01	ng	# 89
85) Indeno(1,2,3-cd)pyrene	16.65	276	605884	32.50	ng	97
87) Benzo(b)fluoranthene	14.92	252	744443m	36.80	ng	
88) Benzo(k)fluoranthene	14.95	252	596750m	28.28	ng	
89) Benzo(a)pyrene	15.25	252	610078	31.95	ng	99
90) Dibenzo(a,h)anthracene	16.66	278	512606	32.80	ng	97
91) Benzo(g,h,i)perylene	17.05	276	510862	32.62	ng	# 91

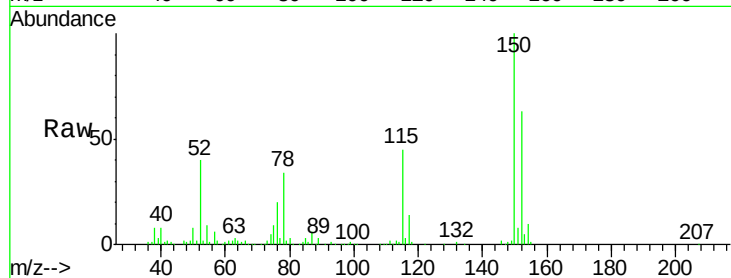
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

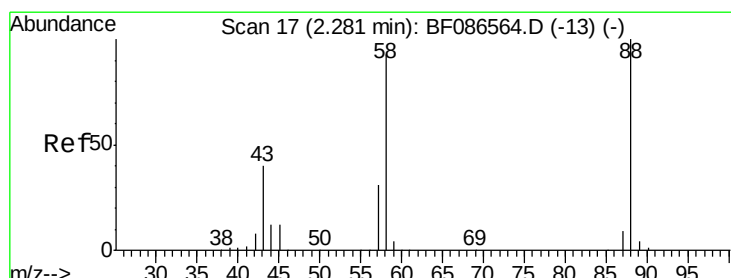
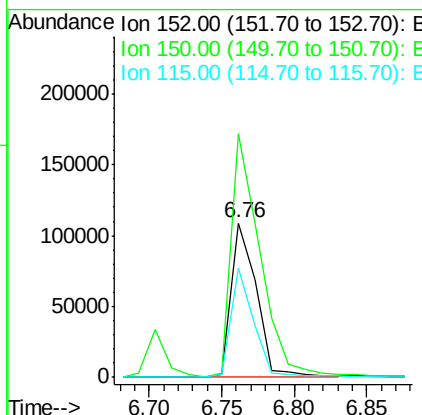
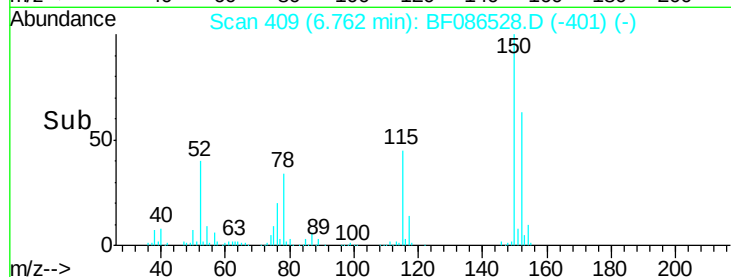
Instrument :
BNA_F
ClientSampleId :
PB90147BSD



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.8	188.6
115	70.4	51.5	77.3

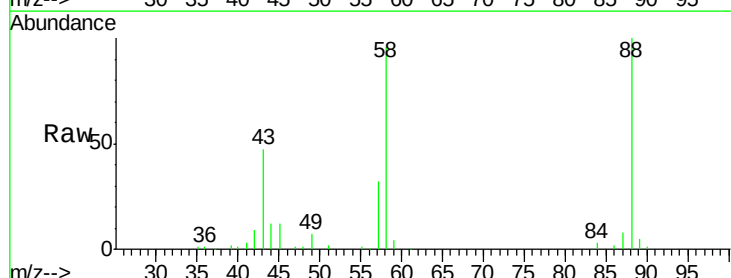
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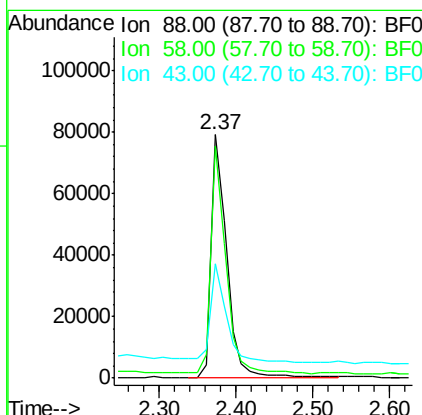
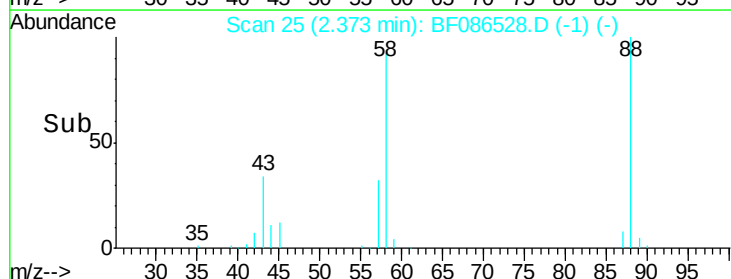


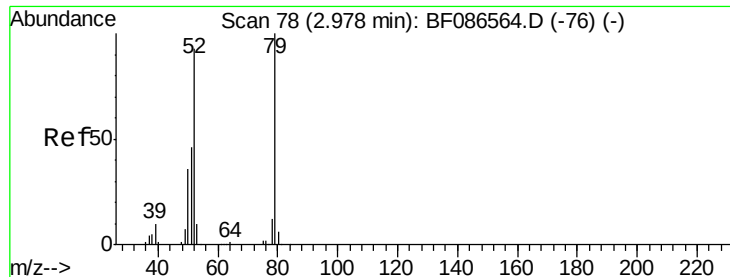
#2

1,4-Dioxane
Concen: 27.94 ng
RT: 2.37 min Scan# 25
Delta R.T. 0.08 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21



Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.7	59.6	89.4
43	40.5	21.8	32.6





#3

Pyridine

Concen: 33.06 ng

RT: 3.06 min Scan# 85

Delta R.T. 0.08 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB90147BSD

Tgt Ion: 79 Resp: 316007
Ion Ratio Lower Upper

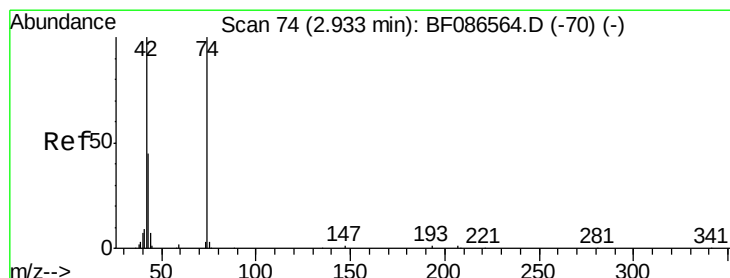
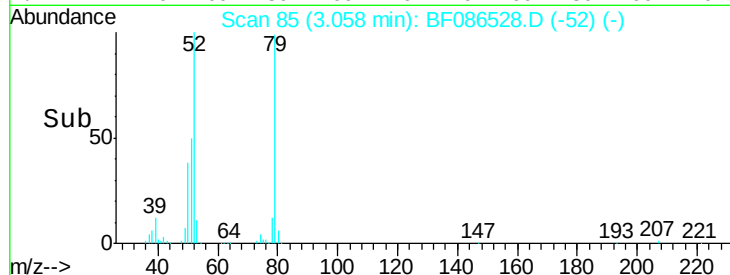
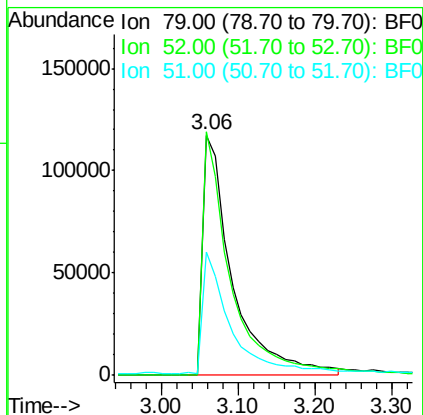
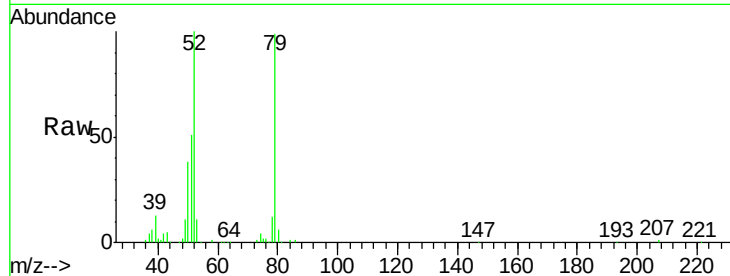
79 100

52 101.4 55.9 83.9#

51 51.4 28.1 42.1#

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#4

n-Nitrosodimethylamine

Concen: 32.07 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.07 min

Lab File: BF086528.D

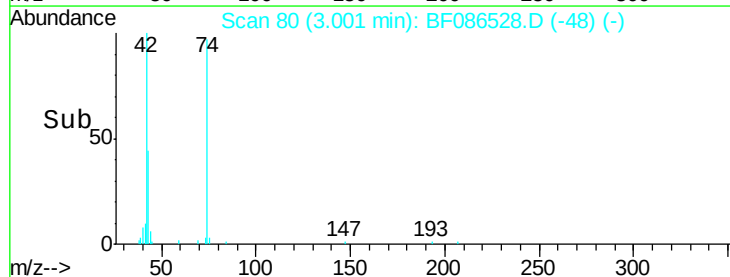
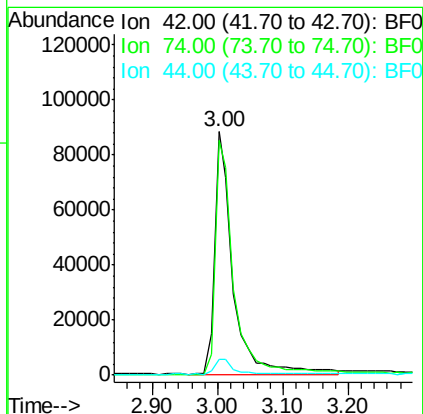
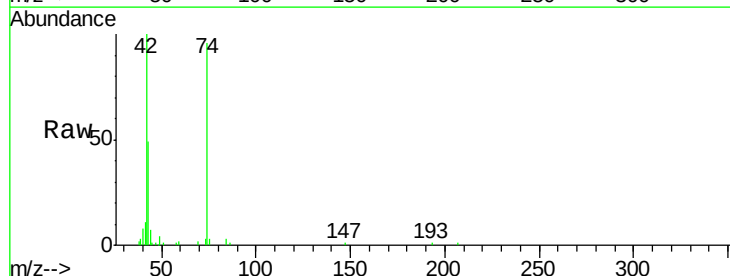
Acq: 30 Apr 2016 17:21

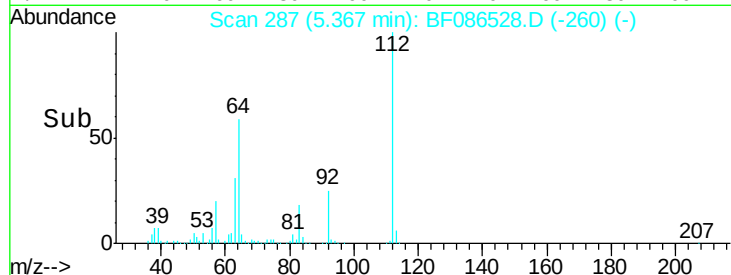
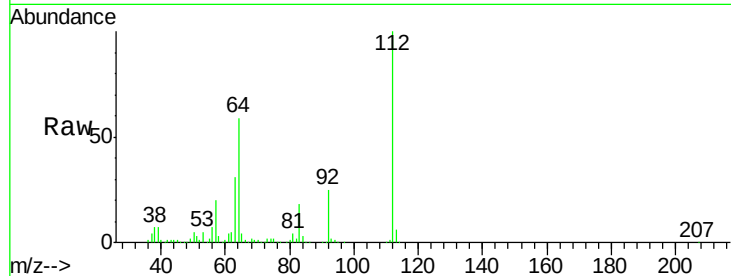
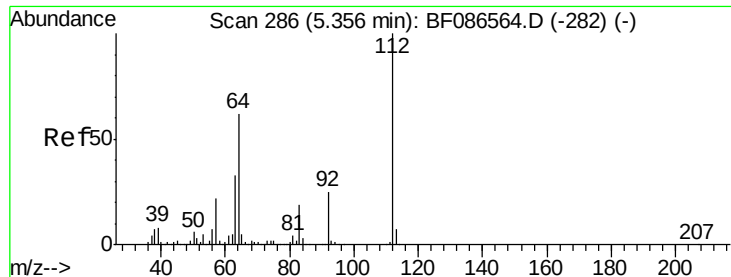
Tgt Ion: 42 Resp: 174731
Ion Ratio Lower Upper

42 100

74 96.4 123.4 185.0#

44 6.7 5.8 8.6





#5

2-Fluorophenol

Concen: 73.82 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion:	112	Resp:	567626
Ion Ratio	Lower	Upper	
112	100		
64	59.2	52.1	78.1
63	30.8	25.7	38.5

Instrument :

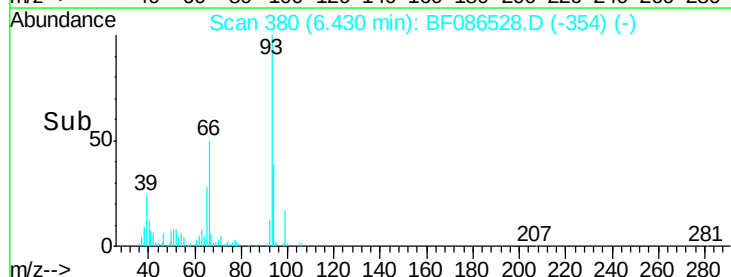
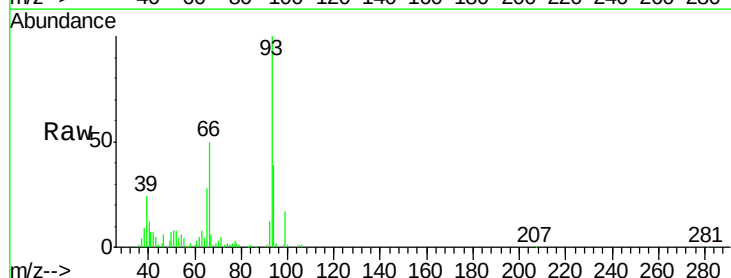
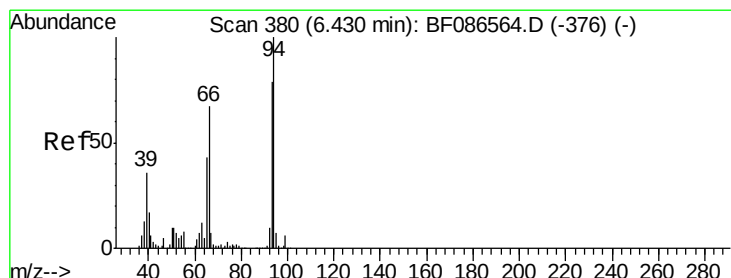
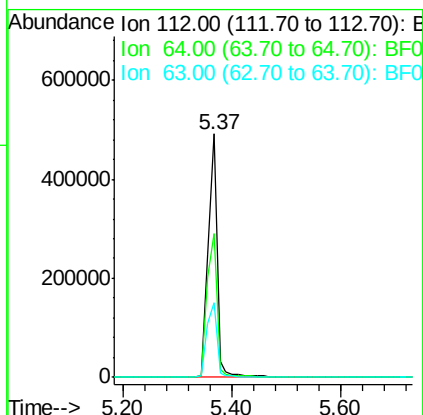
BNA_F

ClientSampleId :

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#6

Aniline

Concen: 12.34 ng

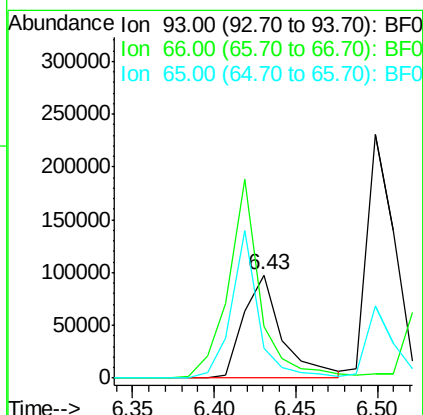
RT: 6.43 min Scan# 380

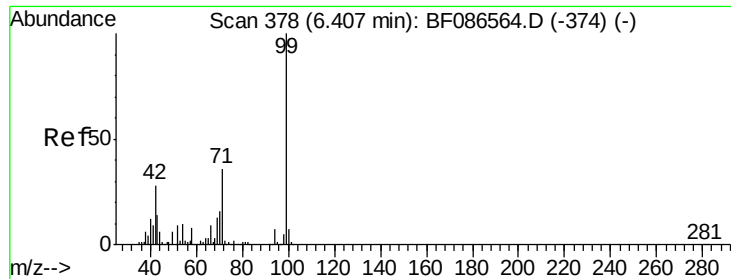
Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion:	93	Resp:	160300
Ion Ratio	Lower	Upper	
93	100		
66	49.8	39.0	58.6
65	28.3	20.6	31.0





#7

Phenol-d6

Concen: 70.13 ng

RT: 6.41 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF086528.D

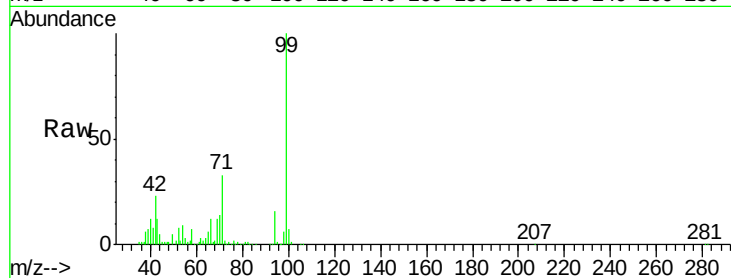
Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB90147BSD

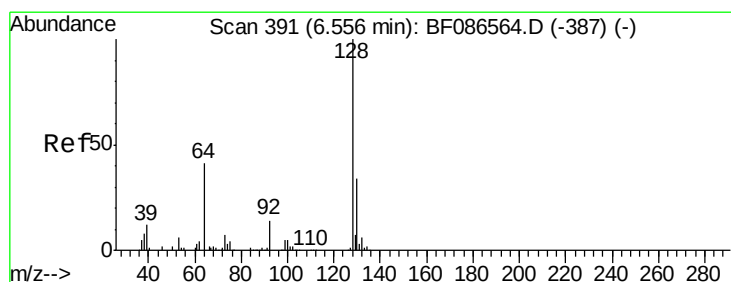
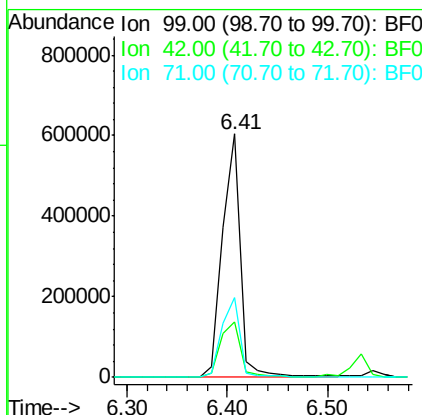
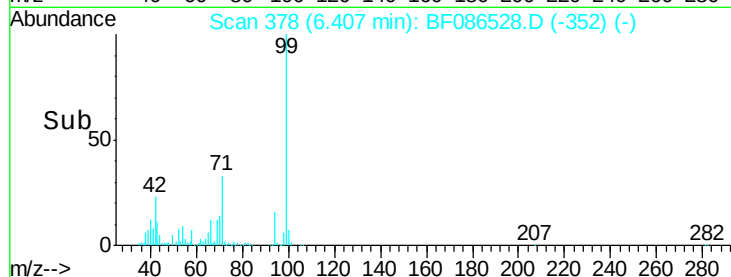


Tgt Ion: 99 Resp: 752686

Ion	Ratio	Lower	Upper
99	100		
42	22.9	13.6	20.4#
71	32.6	24.6	36.8

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#8

2-Chlorophenol

Concen: 30.85 ng

RT: 6.54 min Scan# 390

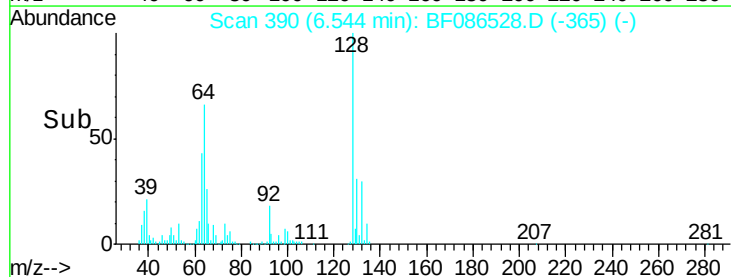
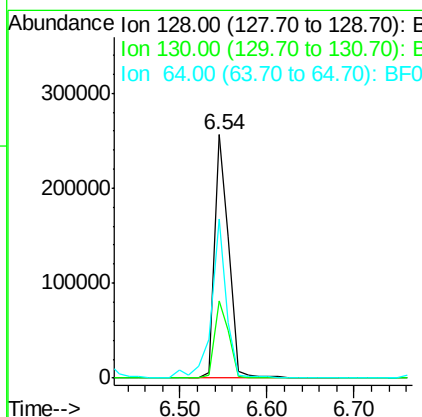
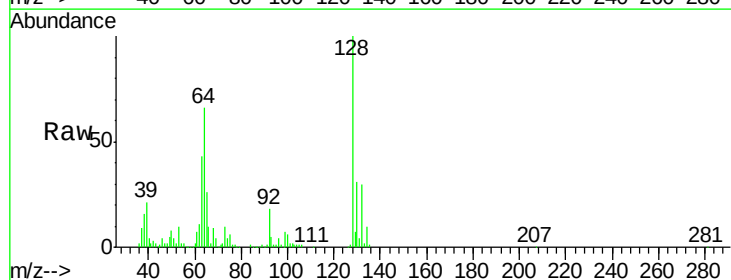
Delta R.T. -0.01 min

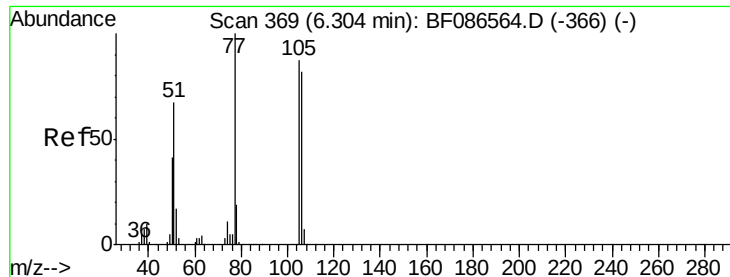
Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion: 128 Resp: 295424

Ion	Ratio	Lower	Upper
128	100		
130	31.5	12.5	52.5
64	65.6	27.3	67.3





#9

Benzaldehyde

Concen: 6.45 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086528.D

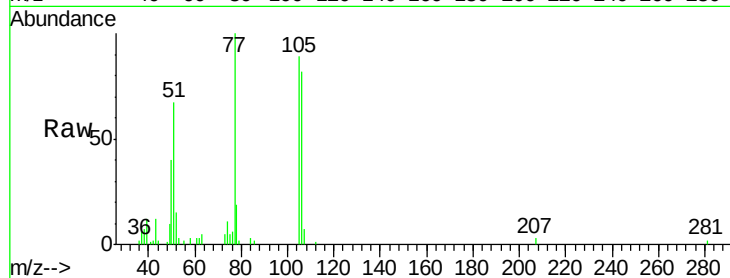
Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB90147BSD



Tgt Ion: 77 Resp: 40282

Ion Ratio Lower Upper

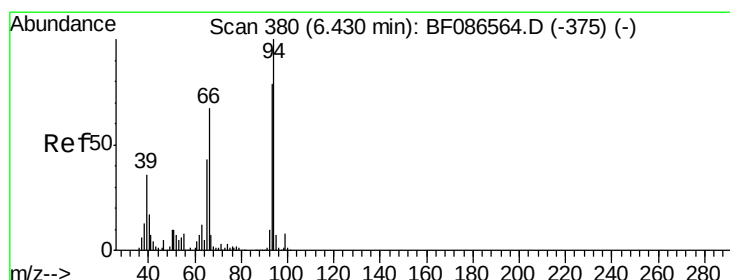
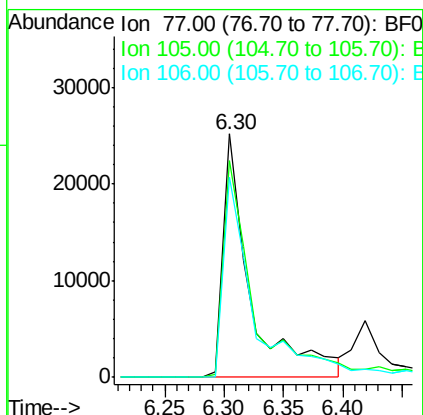
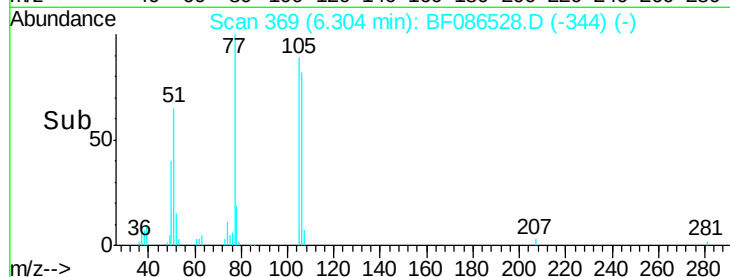
77 100

105 88.9 72.7 112.7

106 82.1 70.8 110.8

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#10

Phenol

Concen: 34.82 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

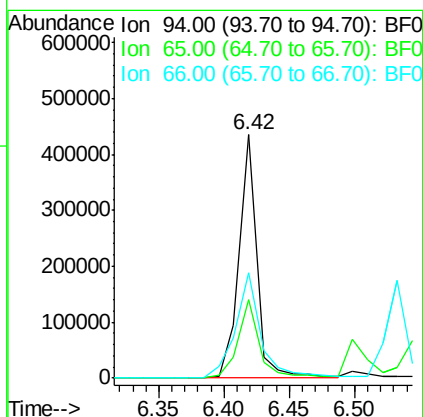
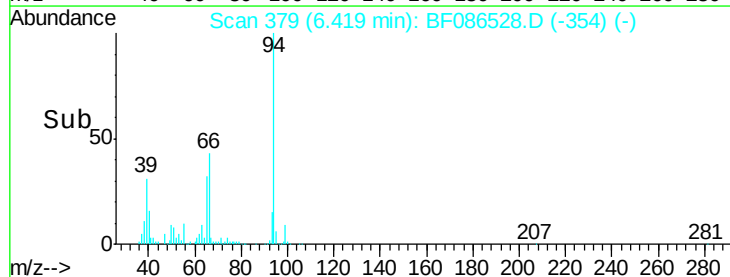
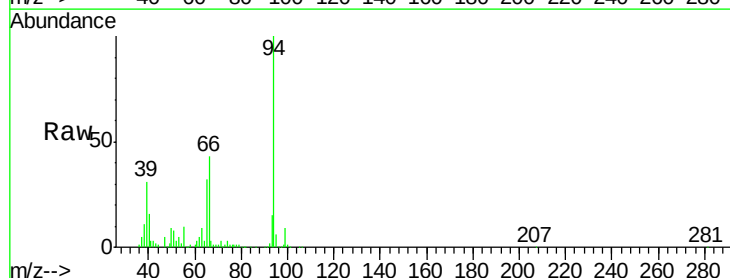
Tgt Ion: 94 Resp: 416894

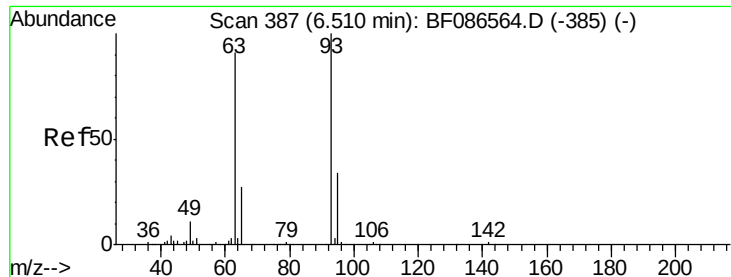
Ion Ratio Lower Upper

94 100

65 32.2 7.2 47.2

66 43.2 14.9 54.9





#11

bis(2-Chloroethyl)ether

Concen: 28.78 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

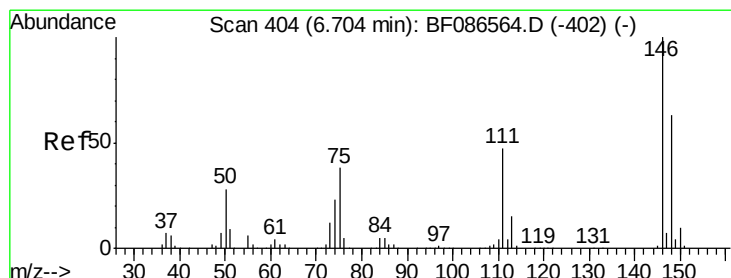
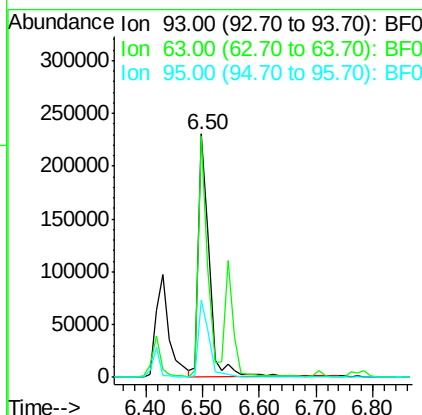
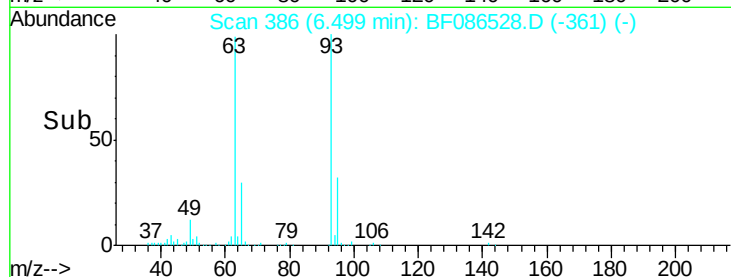
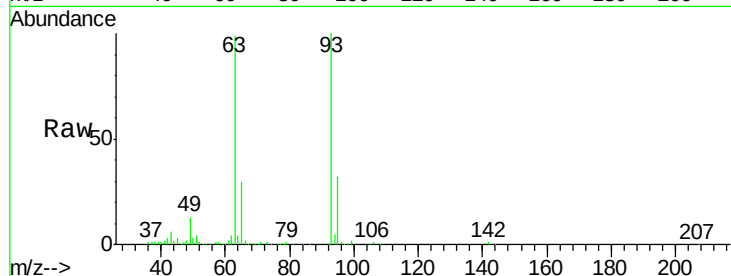
ClientSampleId :

PB90147BSD

Tgt Ion:	93	Resp:	297919
Ion Ratio	Lower	Upper	
93	100		
63	98.8	58.0	98.0#
95	31.6	11.9	51.9

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#12

1,3-Dichlorobenzene

Concen: 30.16 ng

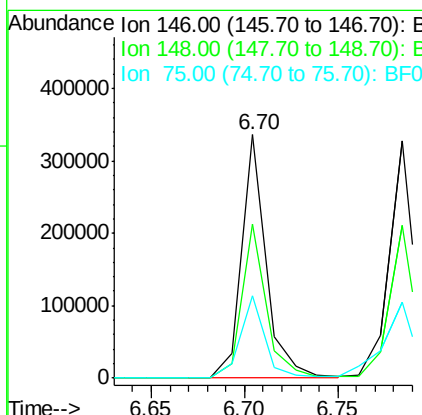
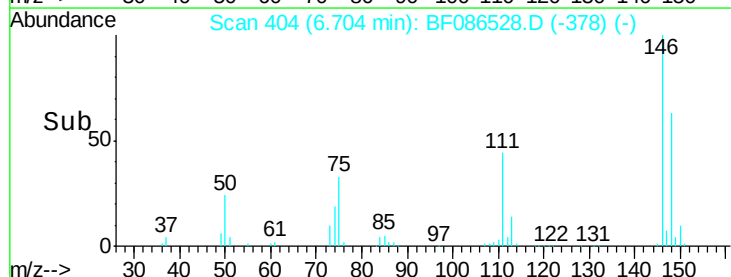
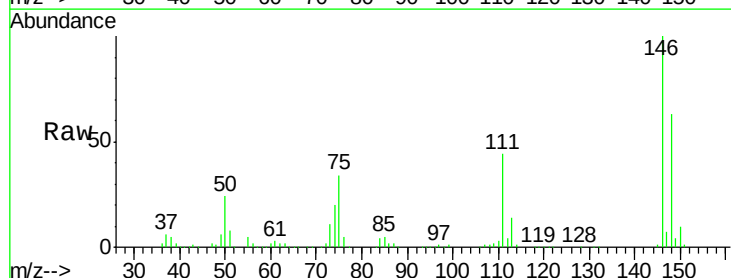
RT: 6.70 min Scan# 404

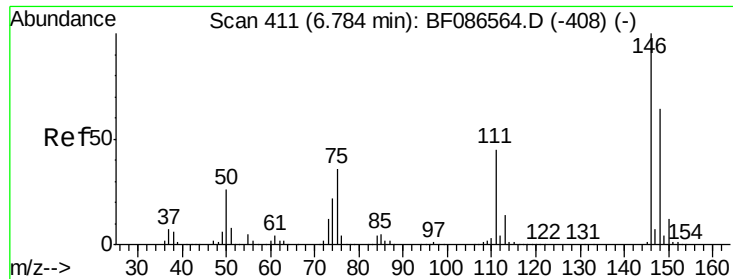
Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion:	146	Resp:	310730
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.4	78.6
75	33.6	22.8	34.2





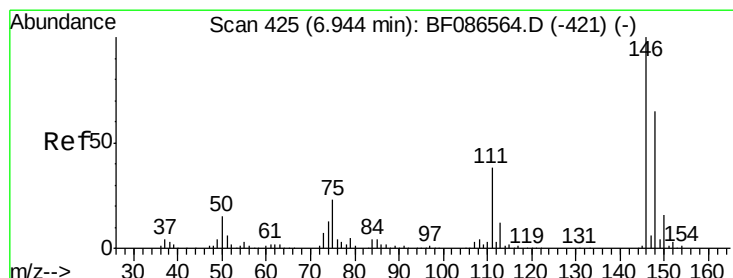
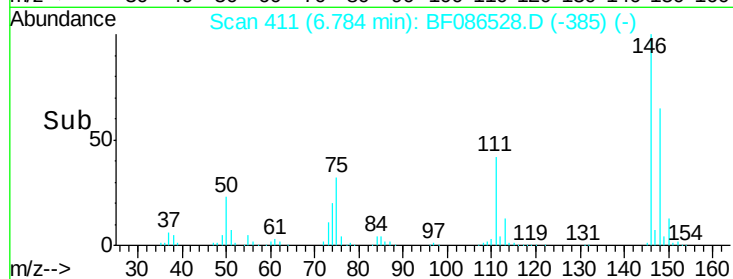
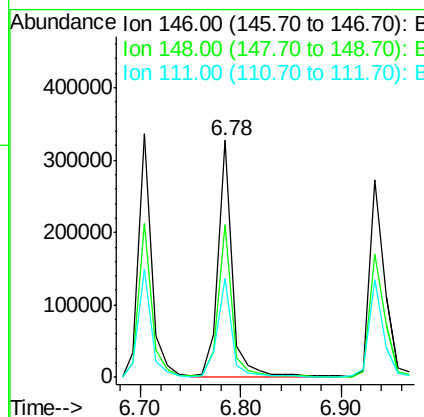
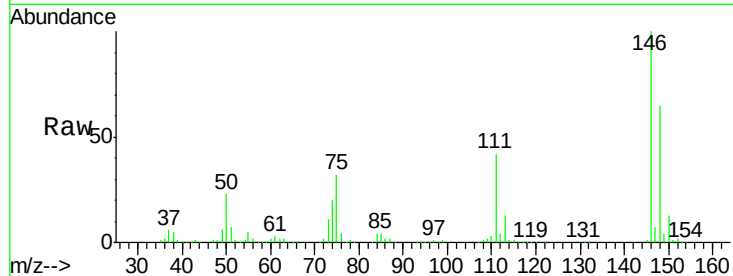
#13
 1,4-Dichlorobenzene
 Concen: 30.24 ng
 RT: 6.78 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BSD

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	321432		
148	64.6	52.2	78.4	
111	41.8	30.7	46.1	

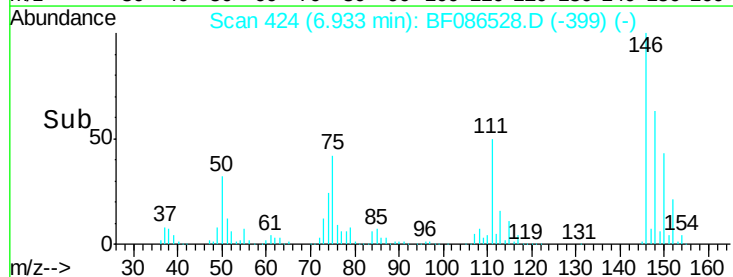
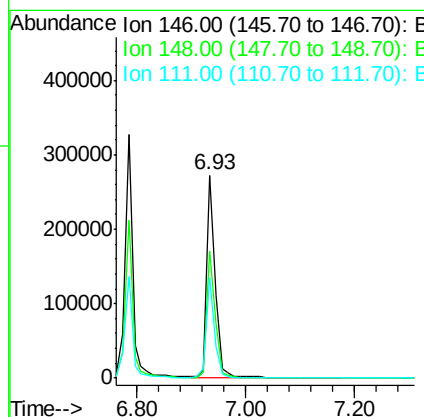
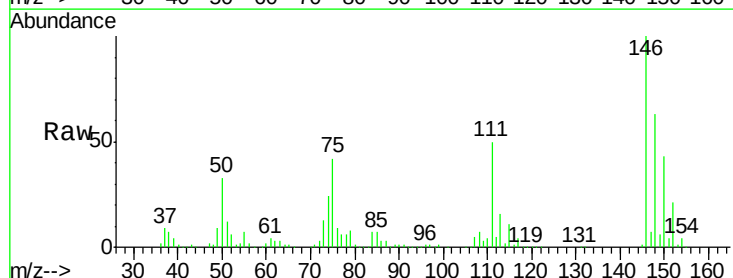
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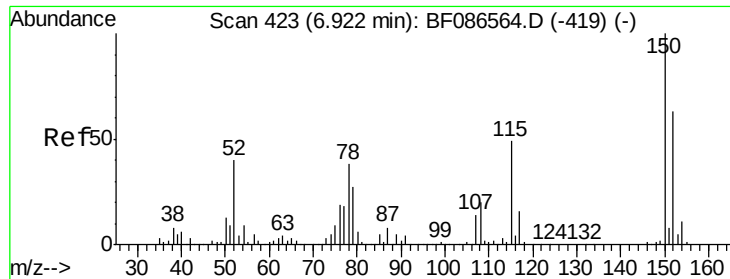
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#14
 1,2-Dichlorobenzene
 Concen: 30.17 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	294111		
148	62.5	51.0	76.6	
111	49.7	36.2	54.4	





#15

Benzyl Alcohol

Concen: 35.65 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB90147BSD

Tgt Ion: 79 Resp: 242048
Ion Ratio Lower Upper

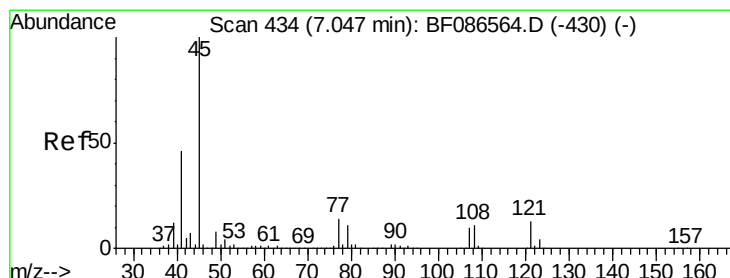
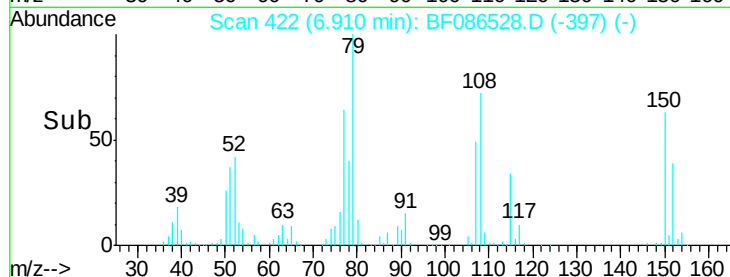
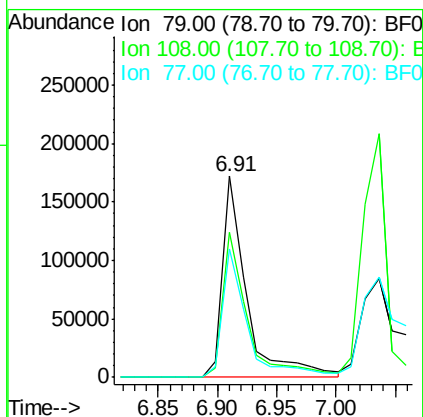
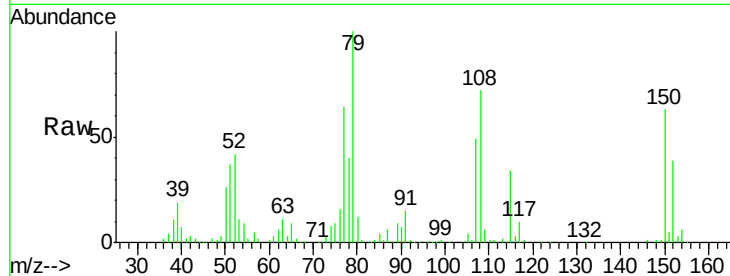
79 100

108 71.9 68.4 102.6

77 64.1 50.6 76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.69 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF086528.D

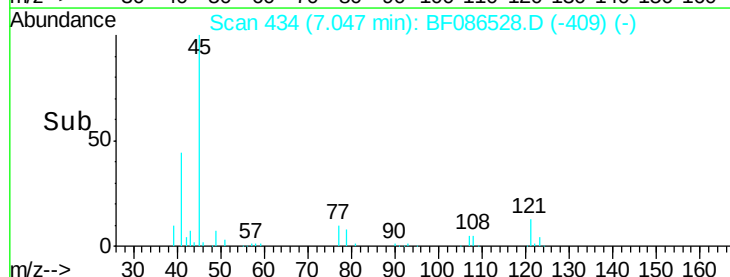
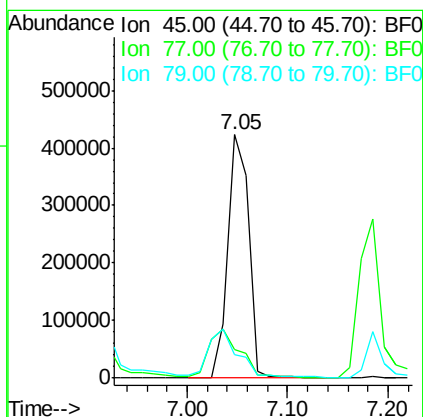
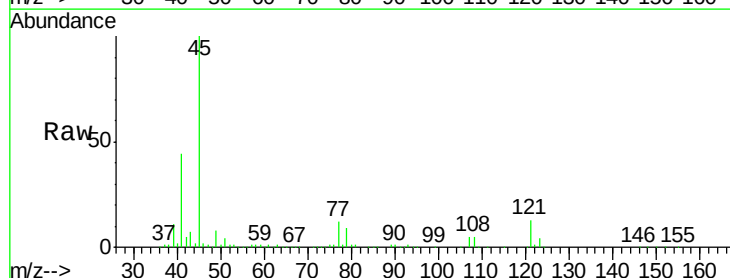
Acq: 30 Apr 2016 17:21

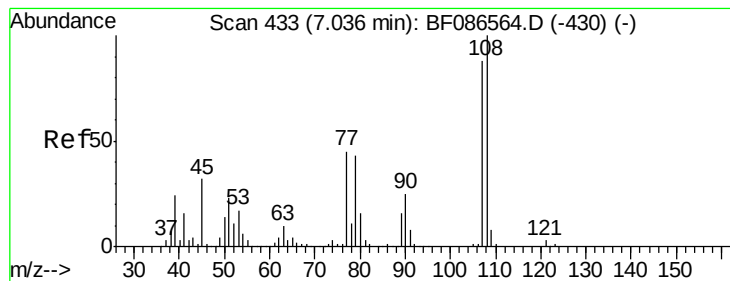
Tgt Ion: 45 Resp: 615095
Ion Ratio Lower Upper

45 100

77 11.7 0.0 36.4

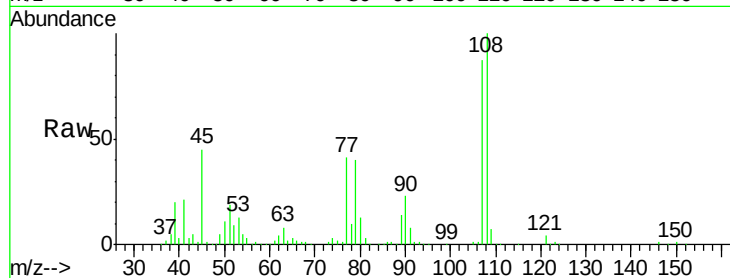
79 9.4 0.0 33.4





#17
2-Methylphenol
Concen: 31.87 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

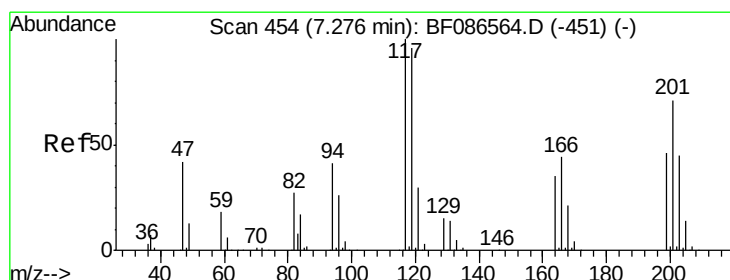
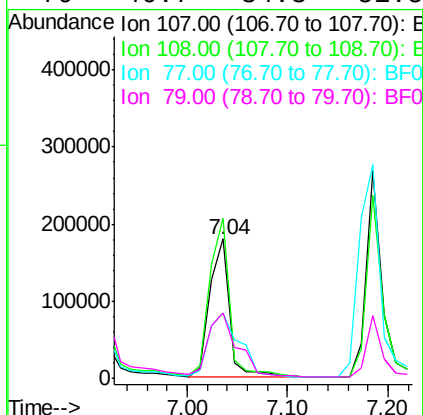
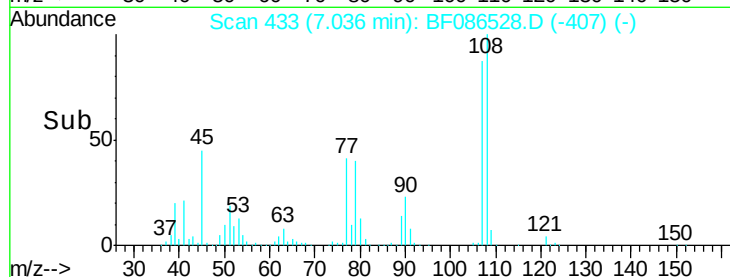
Instrument :
BNA_F
ClientSampleId :
PB90147BSD



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	246729		
108	115.3	93.7	140.5	
77	47.3	33.4	50.0	
79	46.7	34.3	51.5	

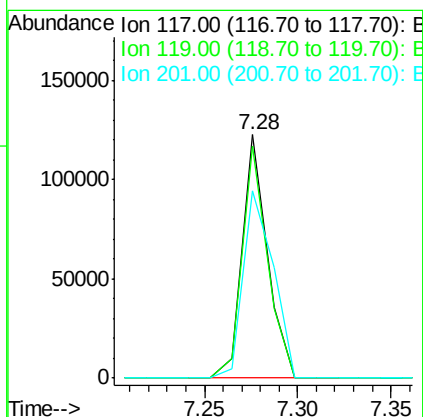
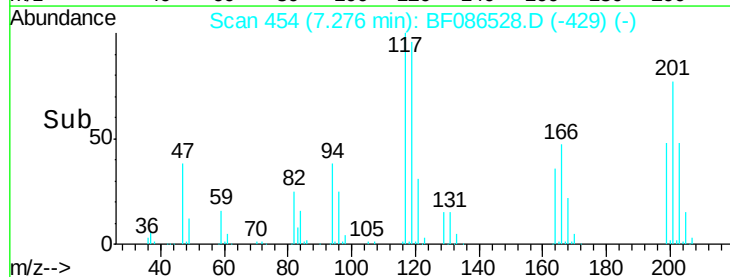
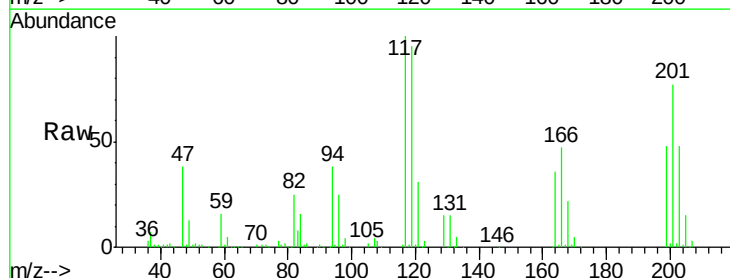
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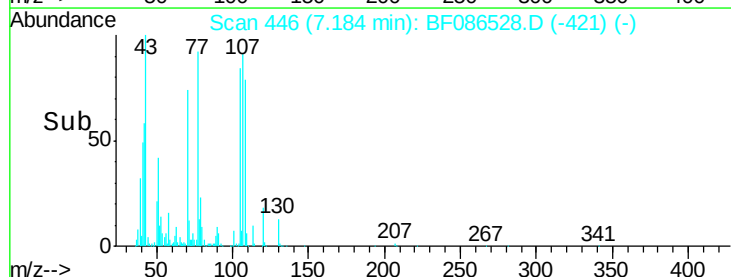
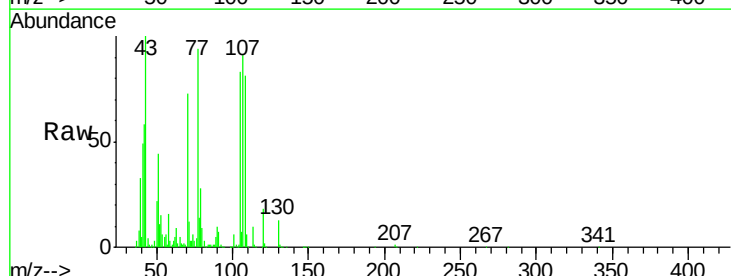
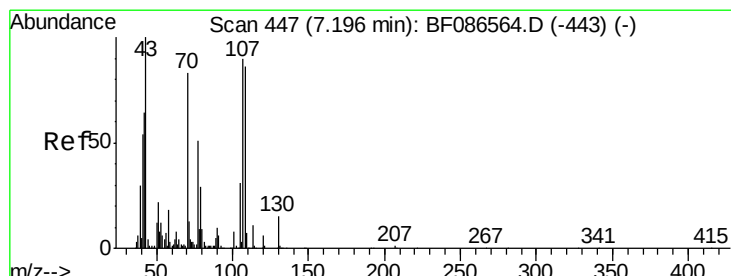
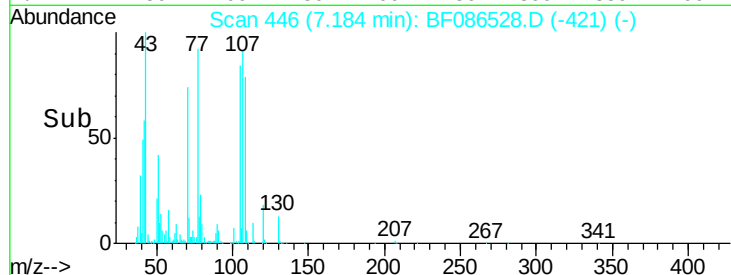
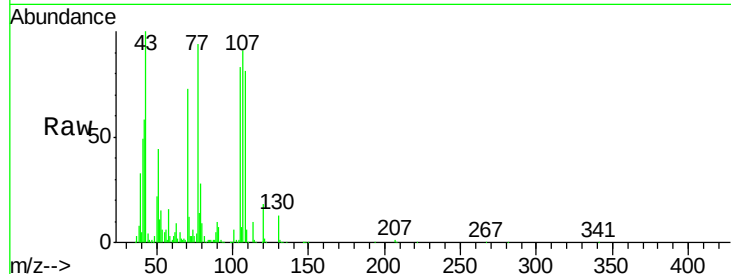
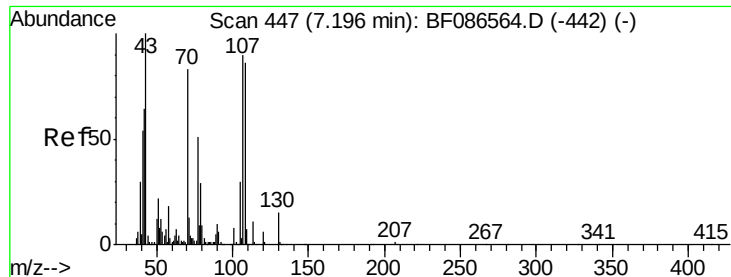
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#18
Hexachloroethane
Concen: 29.20 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	115976		
119	95.3	76.5	114.7	
201	76.7	63.0	94.6	





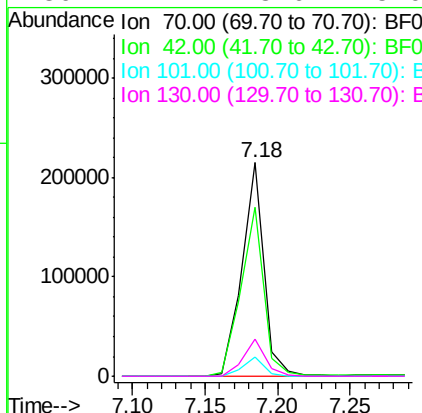
#19
n-Nitroso-di-n-propylamine
Concen: 32.07 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90147BSD

Tgt Ion	Ratio	Resp Lower	Upper
70	100		
42	79.2	43.1	64.7#
101	8.9	8.1	12.1
130	17.2	18.6	28.0#

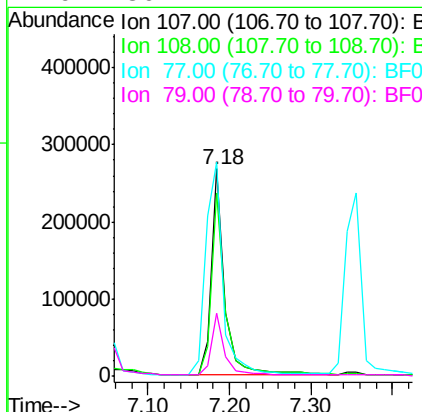
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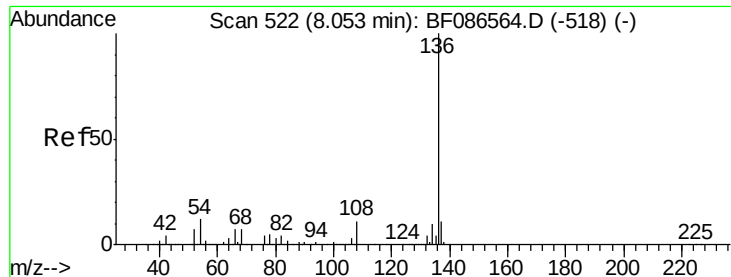
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#20
3+4-Methylphenols
Concen: 34.69 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp Lower	Upper
107	100		
108	88.0	68.5	108.5
77	103.0	101.6	141.6
79	30.2	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: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

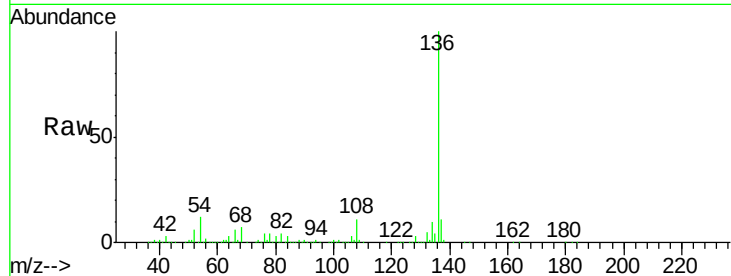
ClientSampleId :

PB90147BSD

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	574500		
137	10.9	8.8	13.2	
54	11.5	5.0	7.4#	
68	7.1	4.4	6.6#	

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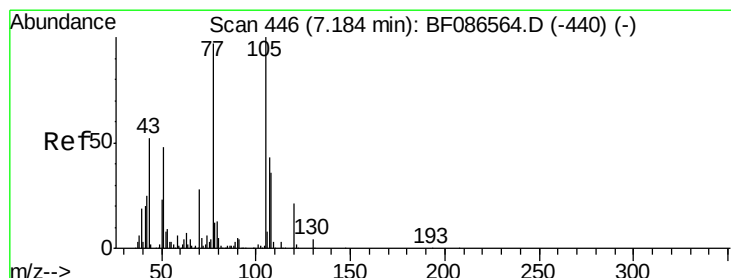
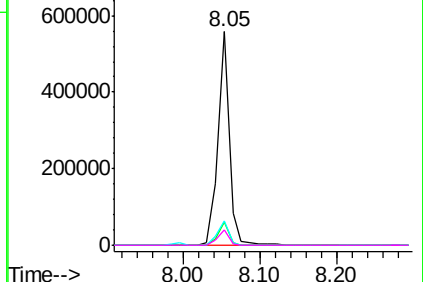
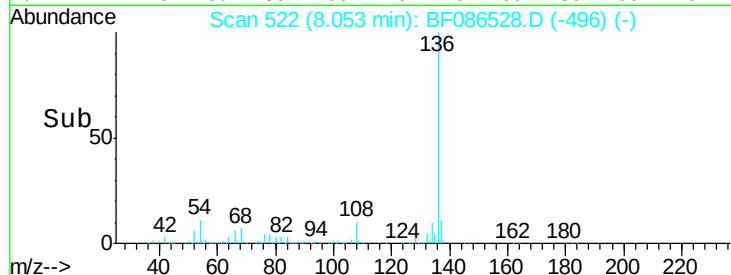


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 31.66 ng

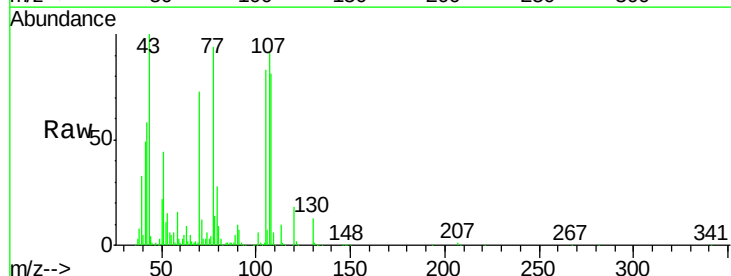
RT: 7.18 min Scan# 446

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	398828		
71	14.4	4.8	7.2#	
51	52.8	32.6	49.0#	
120	21.8	16.5	24.7	

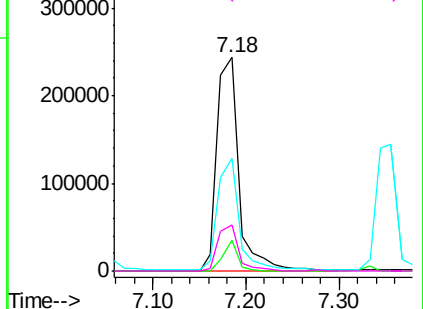
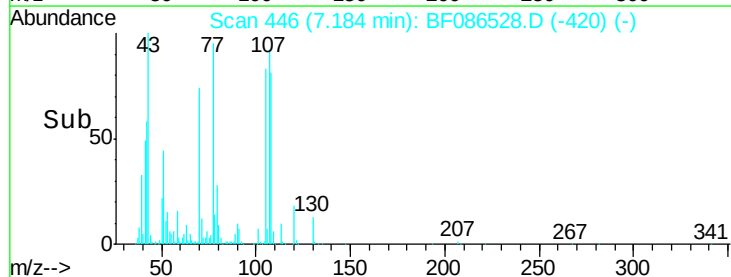


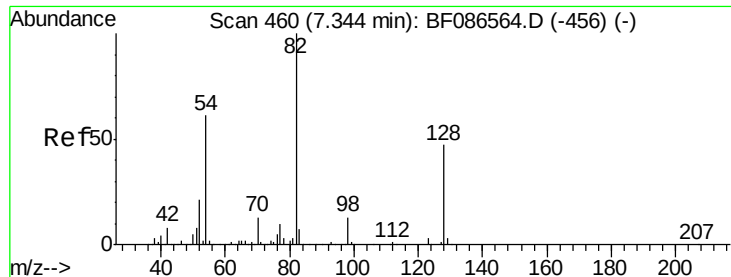
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





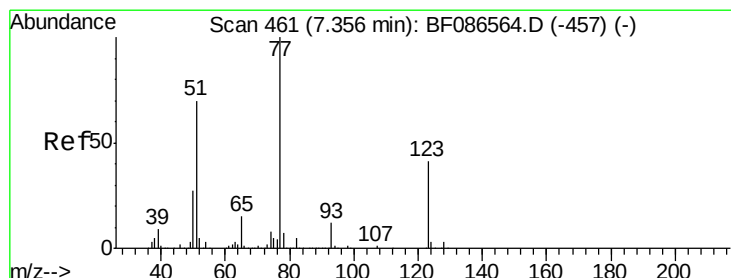
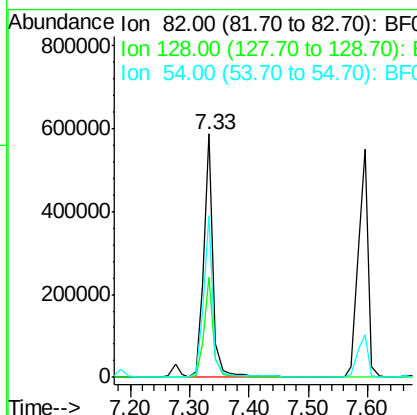
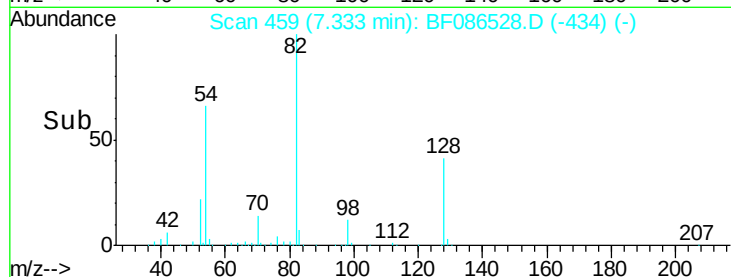
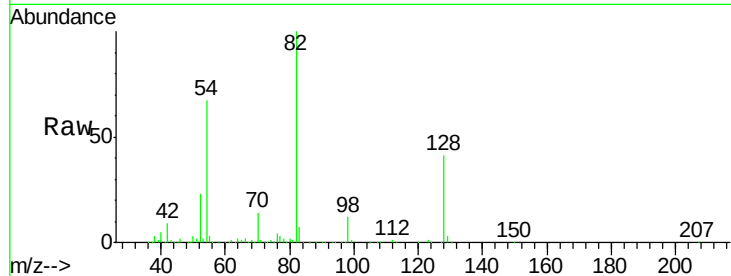
#23
 Nitrobenzene-d5
 Concen: 63.20 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BSD

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	41.1	40.6	61.0
54	66.5	38.1	57.1#

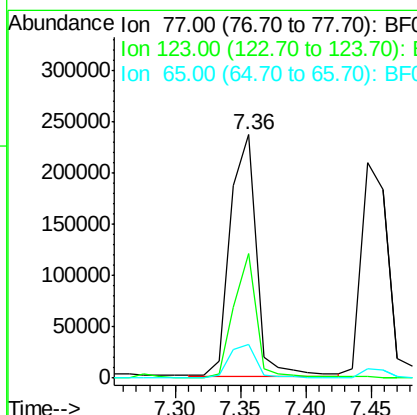
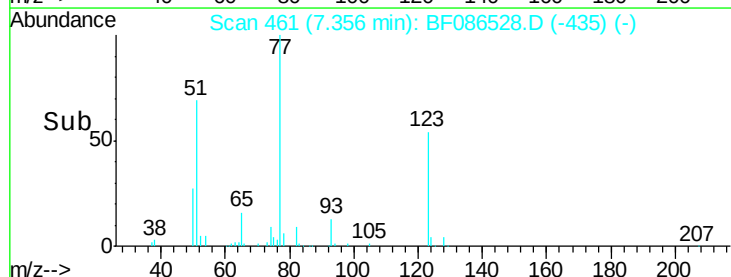
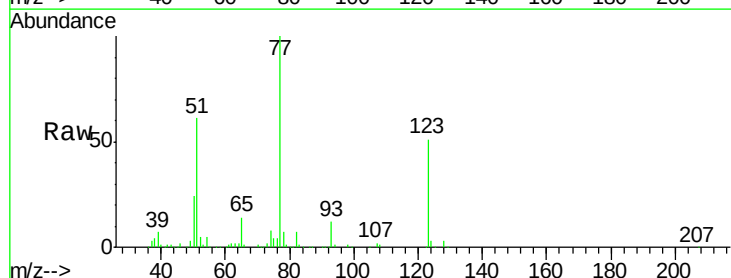
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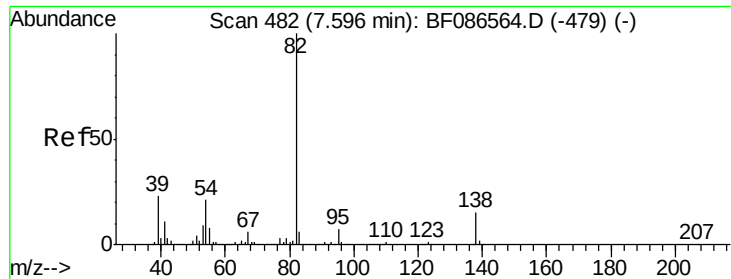
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#24
 Nitrobenzene
 Concen: 29.82 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
123	51.4	33.0	49.4#
65	13.7	10.8	16.2





#25

Isophorone

Concen: 30.70 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

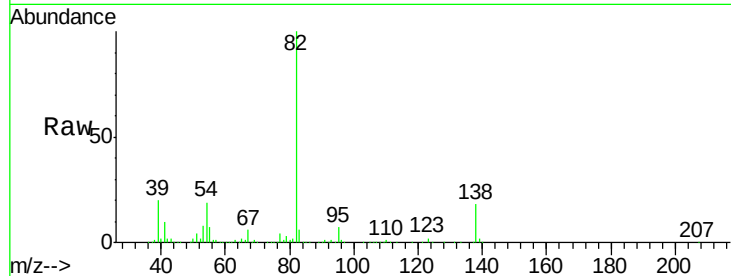
ClientSampleId :

PB90147BSD

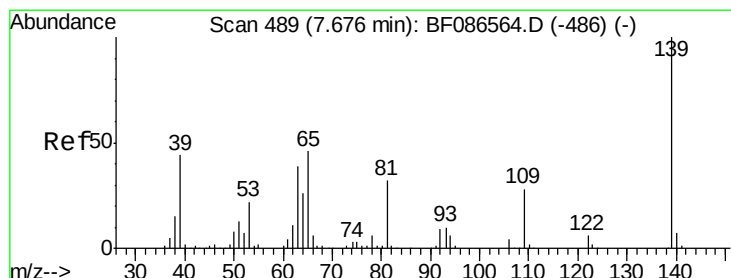
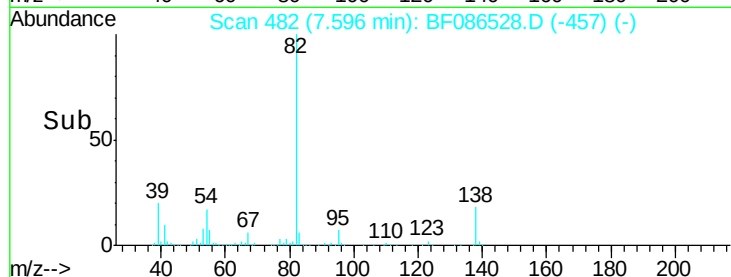
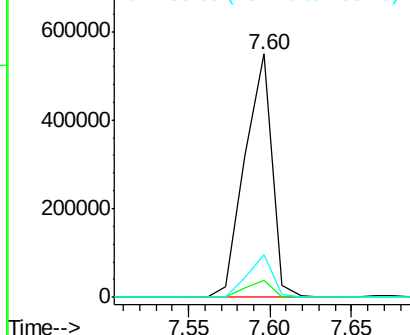
Tgt Ion:	82	Resp:	629844
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.1	7.7
138	17.8	12.4	18.6

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



#26

2-Nitrophenol

Concen: 30.59 ng

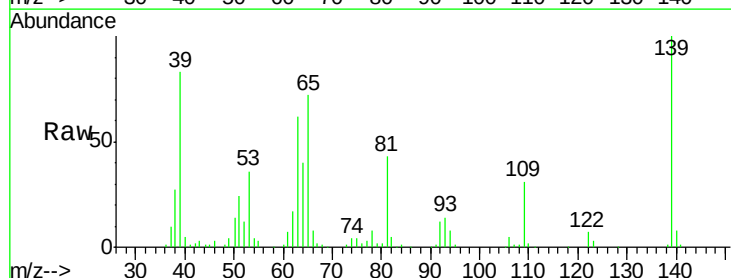
RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

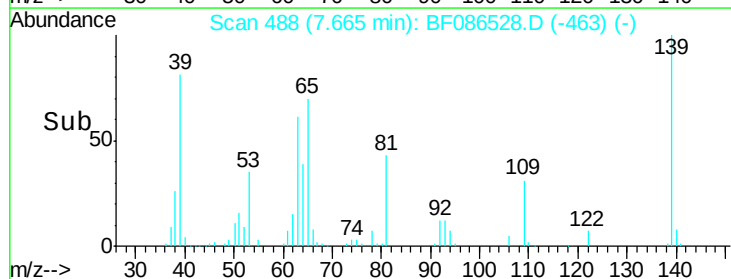
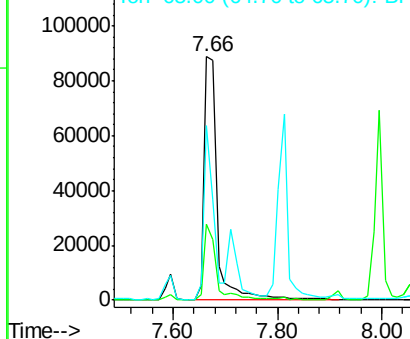
Lab File: BF086528.D

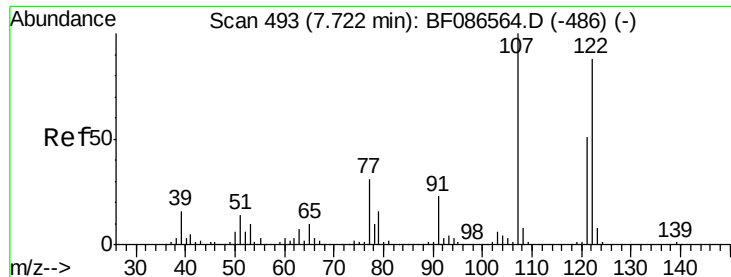
Acq: 30 Apr 2016 17:21

Tgt Ion:	139	Resp:	154448
Ion Ratio	Lower	Upper	
139	100		
109	31.4	19.5	29.3#
65	71.9	37.5	56.3#



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





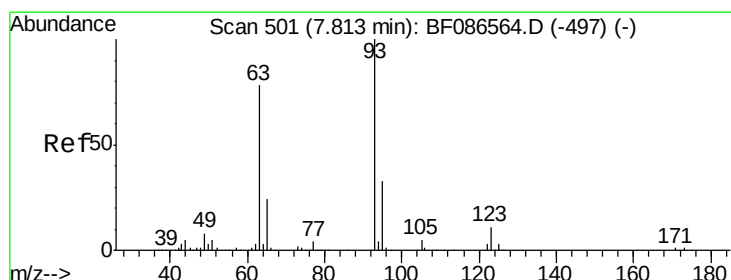
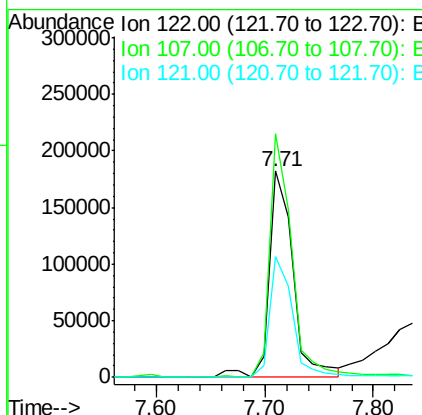
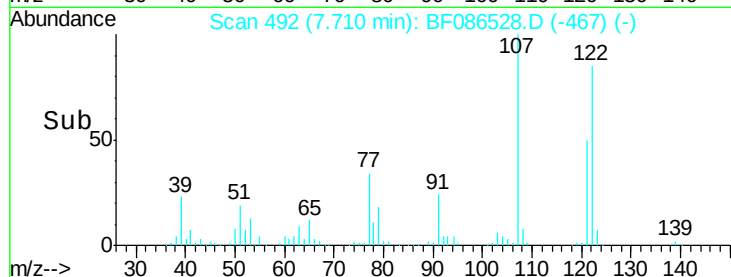
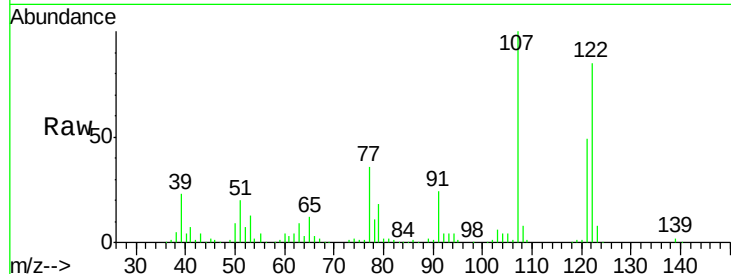
#27
 2,4-Dimethylphenol
 Concen: 31.41 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
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 ClientSampleId :
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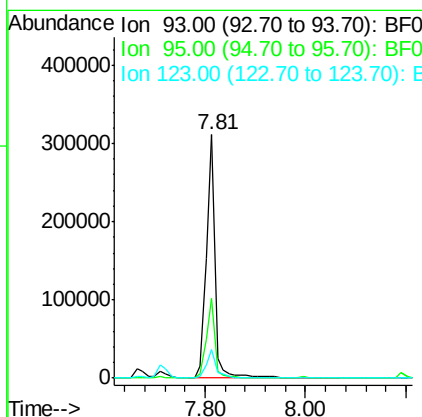
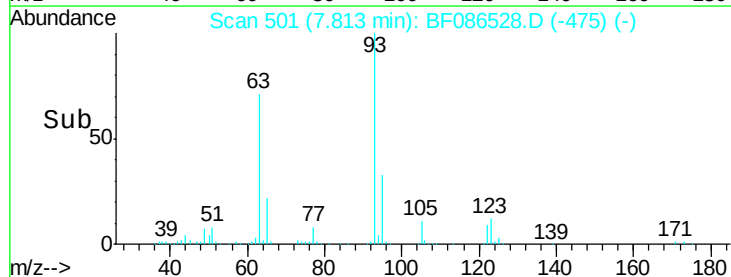
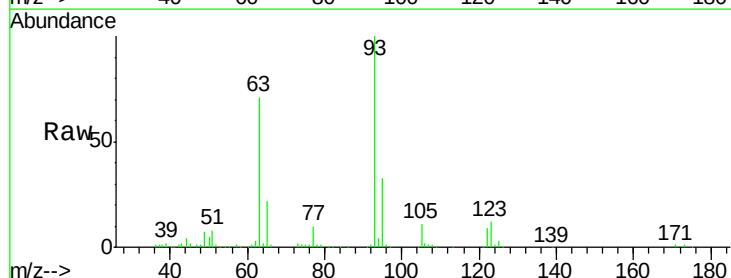
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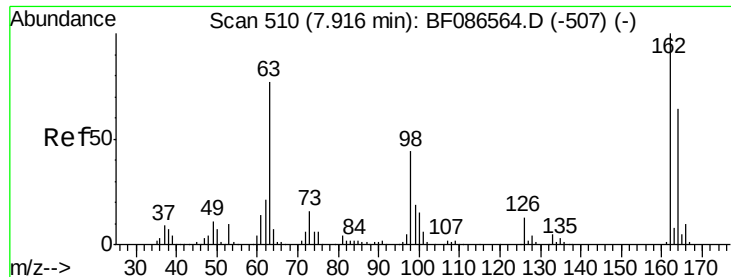
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	278245		
107	118.3	82.0	123.0	
121	58.5	46.1	69.1	



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.53 ng
 RT: 7.81 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	374662		
95	32.5	26.0	39.0	
123	11.6	9.5	14.3	





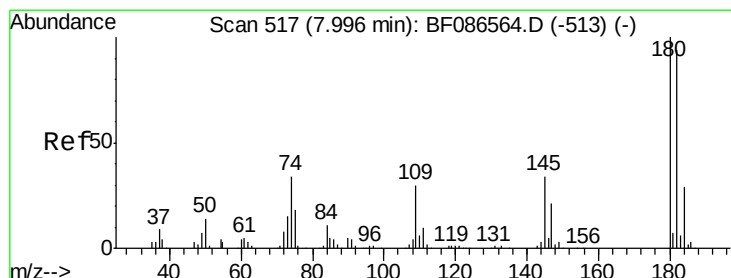
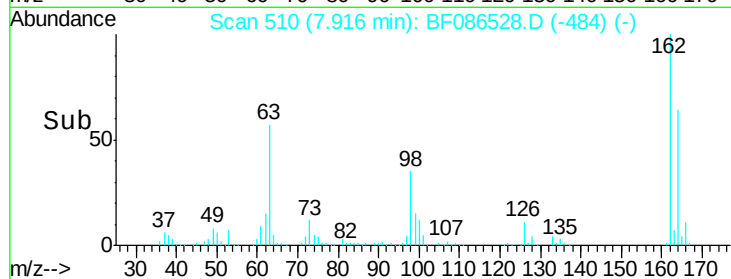
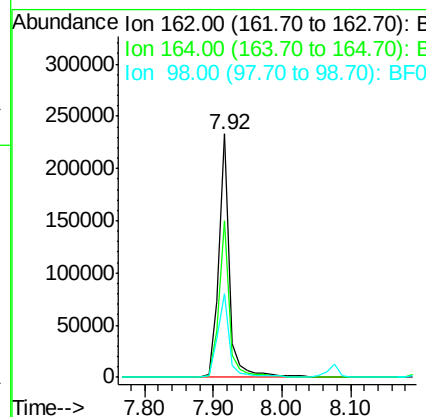
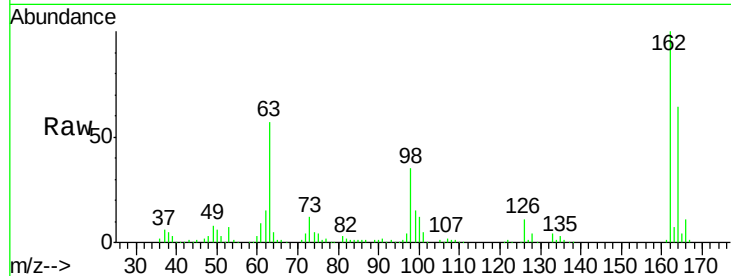
#29
2,4-Dichlorophenol
Concen: 34.64 ng
RT: 7.92 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	42.2	82.2
98	34.5	19.0	59.0

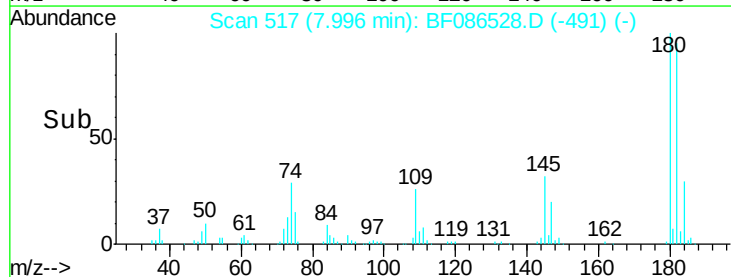
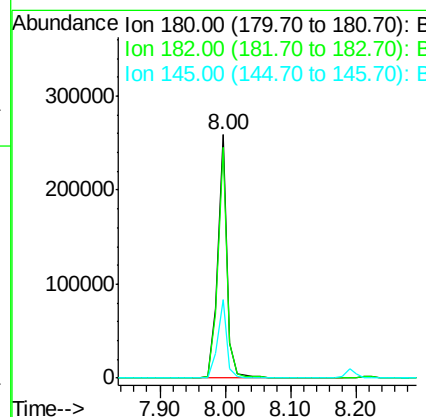
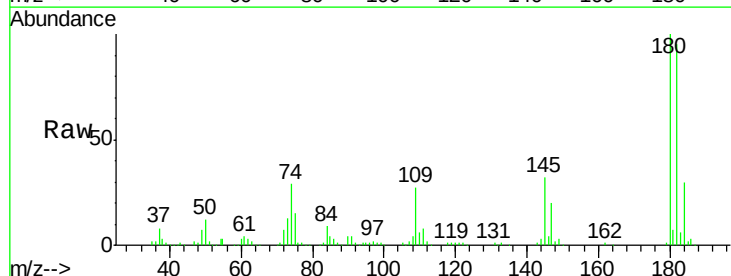
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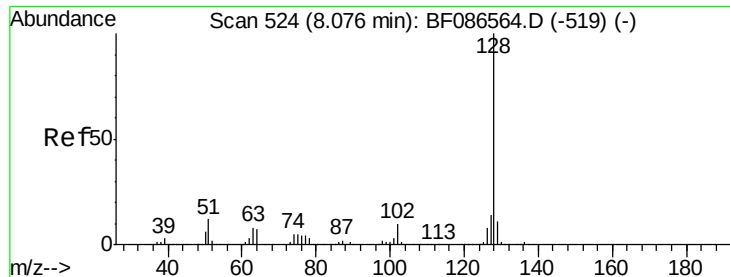
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#30
1,2,4-Trichlorobenzene
Concen: 30.73 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	78.0	117.0
145	32.2	24.2	36.2





#31

Naphthalene

Concen: 31.54 ng

RT: 8.08 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

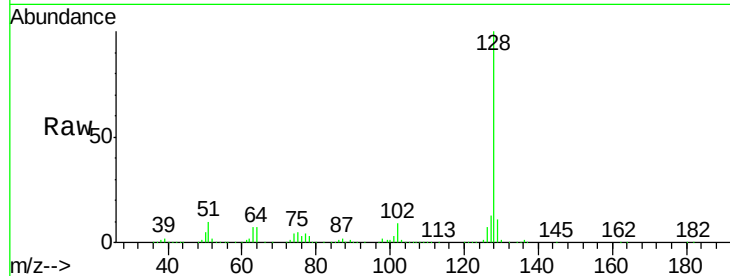
ClientSampleId :

PB90147BSD

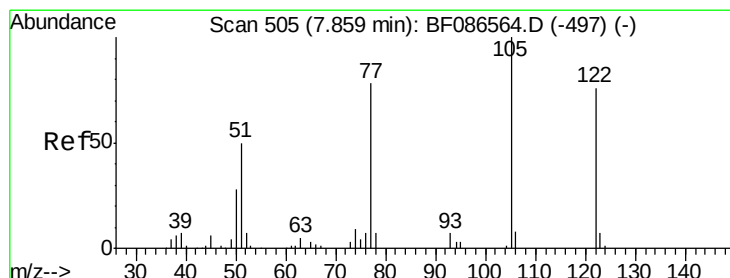
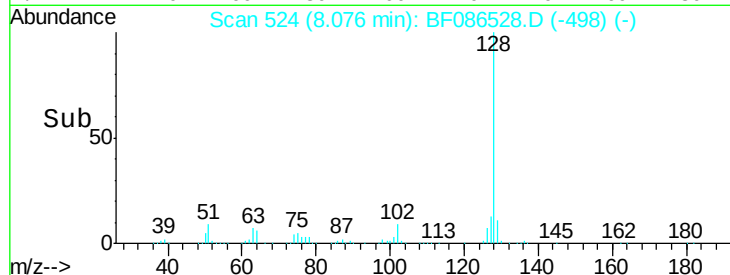
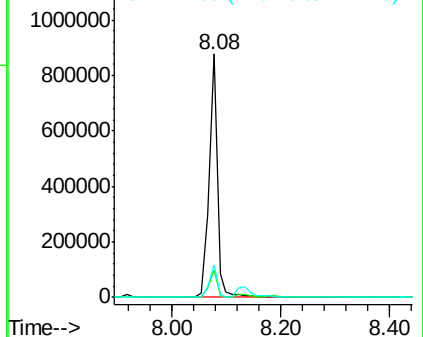
Tgt Ion:	128	Resp:	922053
Ion Ratio	Lower	Upper	
128	100		
129	11.1	8.6	13.0
127	13.3	10.8	16.2

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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: 29.58 ng

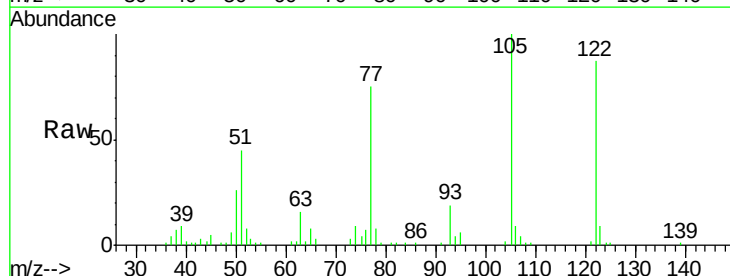
RT: 7.84 min Scan# 503

Delta R.T. -0.01 min

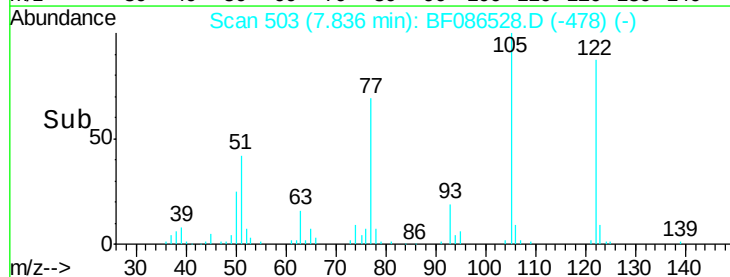
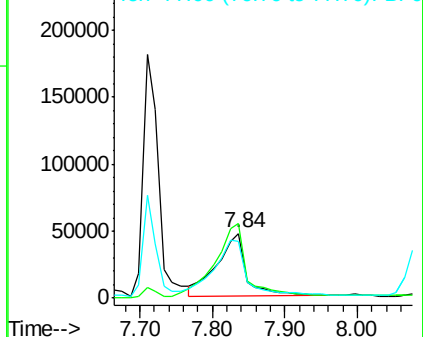
Lab File: BF086528.D

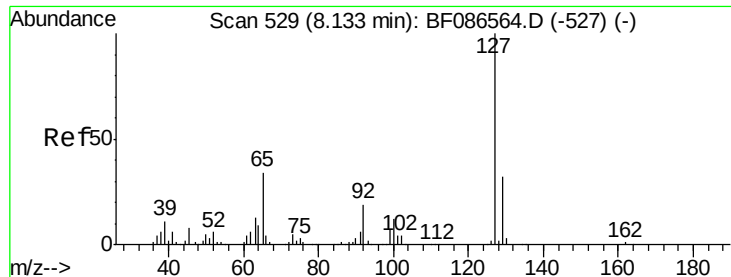
Acq: 30 Apr 2016 17:21

Tgt Ion:	122	Resp:	136516
Ion Ratio	Lower	Upper	
122	100		
105	115.3	92.6	132.6
77	86.6	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





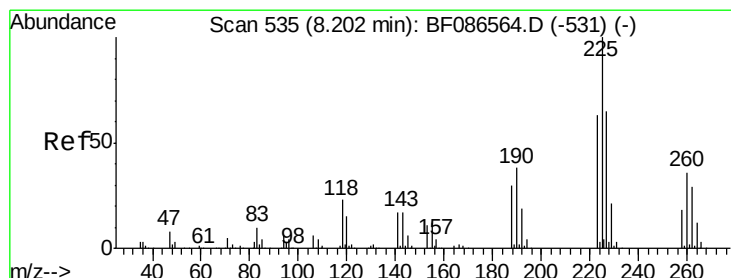
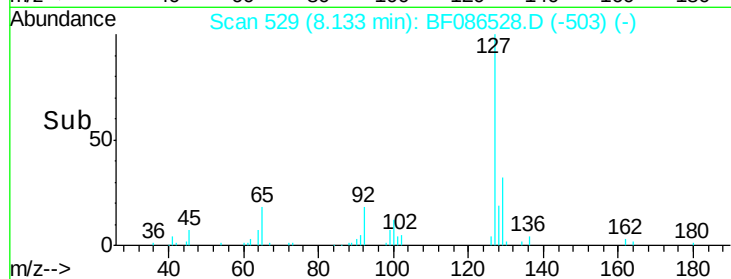
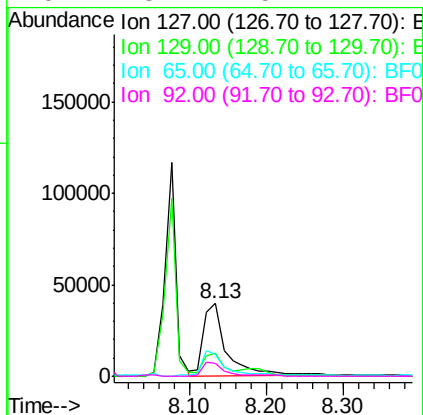
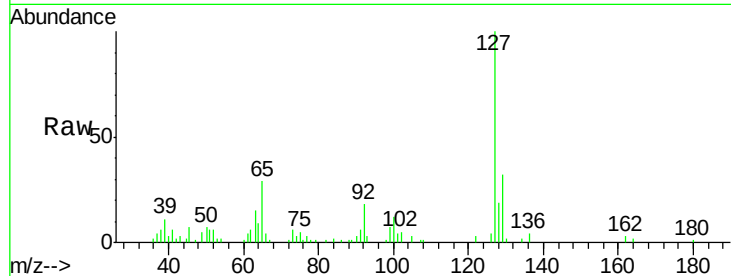
#33
4-Chloroaniline
Concen: 7.41 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
127	100	81136		
129	32.4	26.2	39.4	
65	29.3	23.0	34.4	
92	18.2	15.1	22.7	

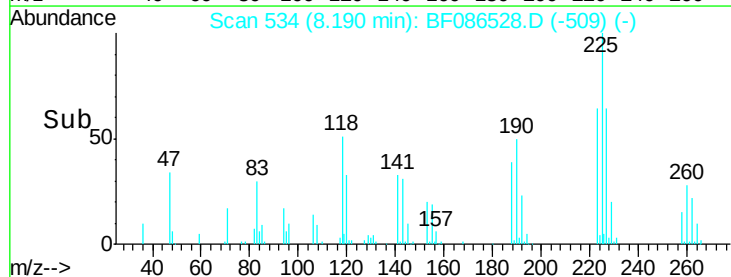
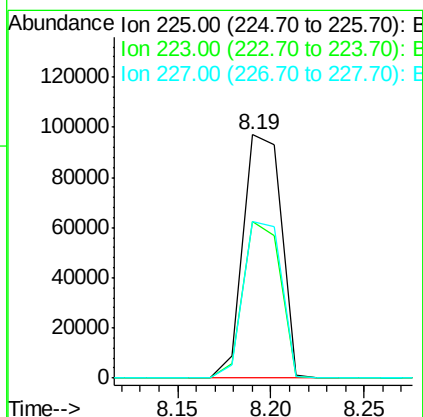
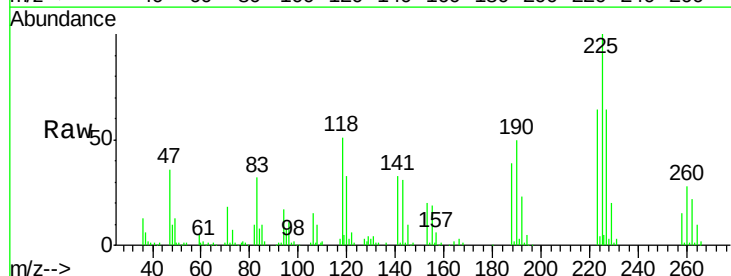
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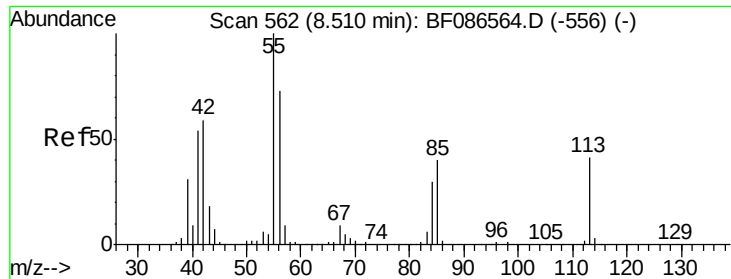
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#34
Hexachlorobutadiene
Concen: 28.22 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	137134		
223	64.5	51.5	77.3	
227	64.3	52.2	78.2	





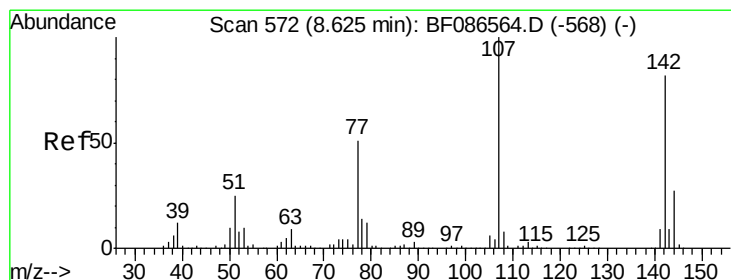
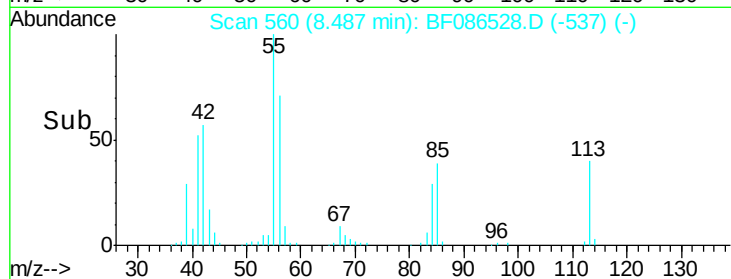
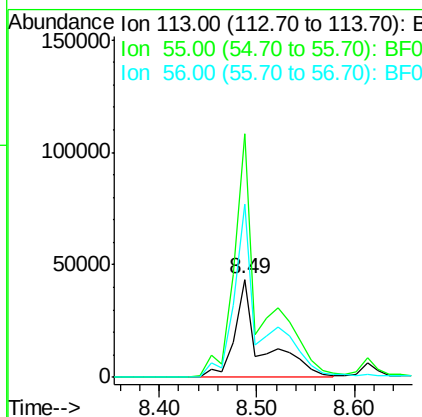
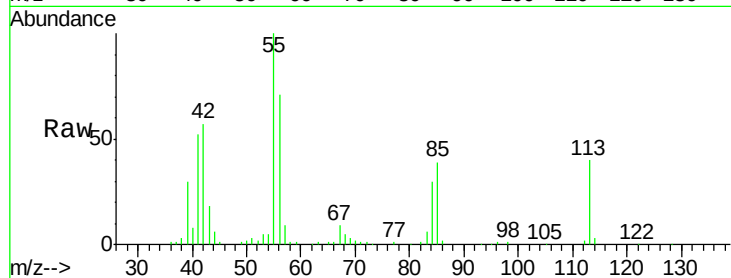
#35
 Caprolactam
 Concen: 33.70 ng m
 RT: 8.49 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
113	100		
55	248.5	162.0	202.0#
56	176.4	115.3	155.3#

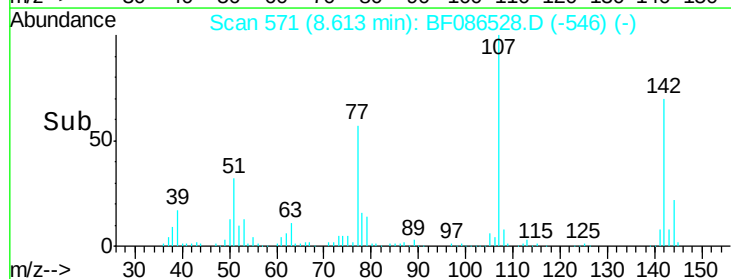
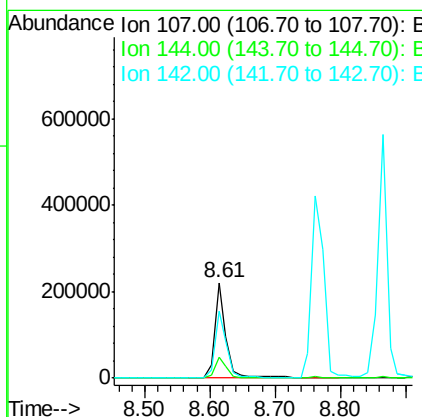
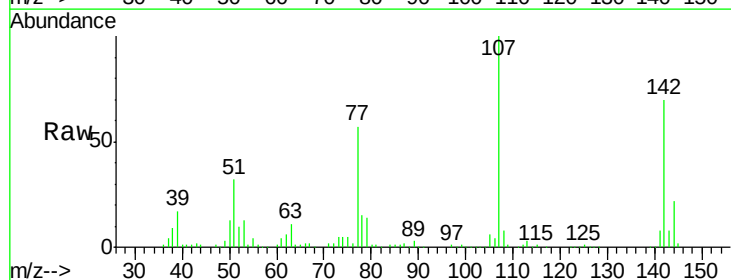
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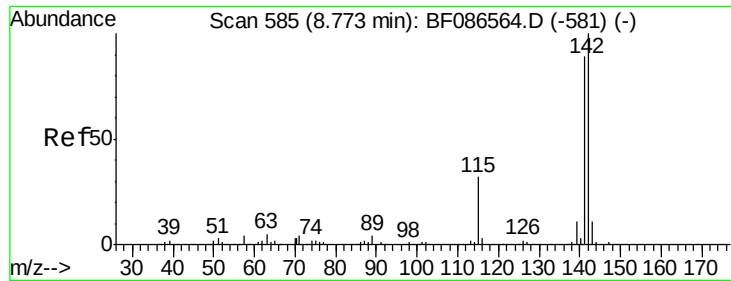
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#36
 4-Chloro-3-methylphenol
 Concen: 32.29 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.2	20.7	31.1
142	70.2	63.2	94.8





#37

2-Methylnaphthalene

Concen: 32.34 ng

RT: 8.76 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF086528.D

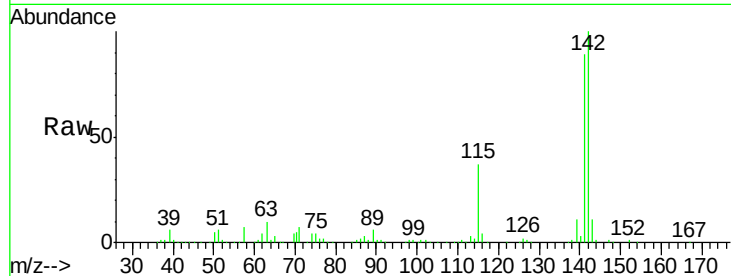
Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

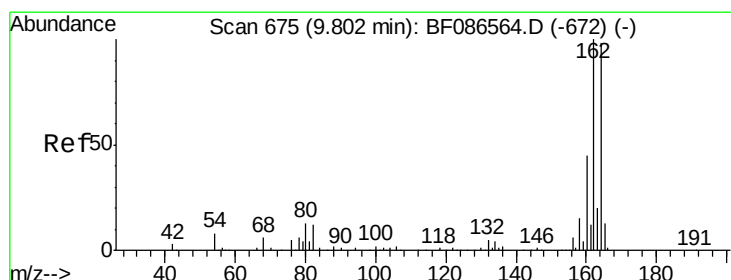
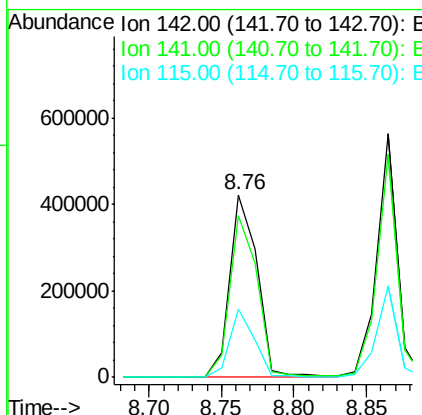
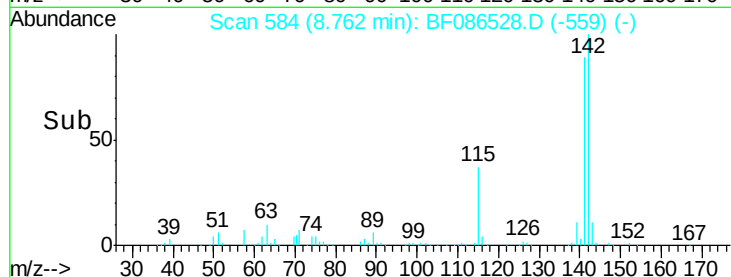
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Tgt Ion:	142	Resp:	557942
Ion Ratio	Lower	Upper	
142	100		
141	88.5	71.0	106.6
115	37.5	26.6	39.8

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#38

Acenaphthene-d10

Concen: 20.00 ng

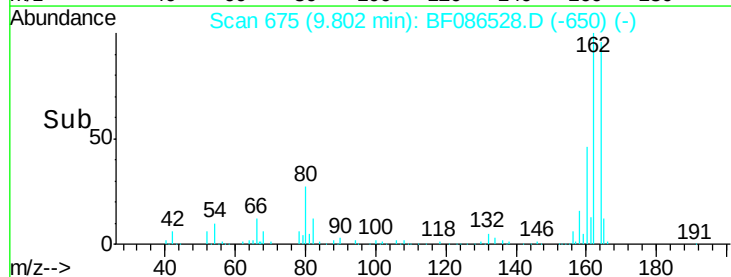
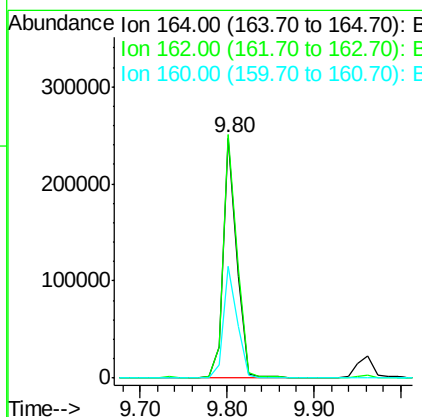
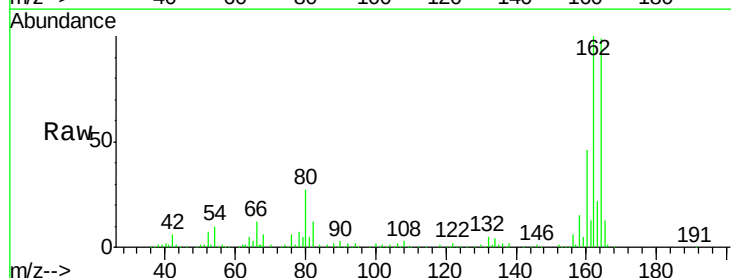
RT: 9.80 min Scan# 675

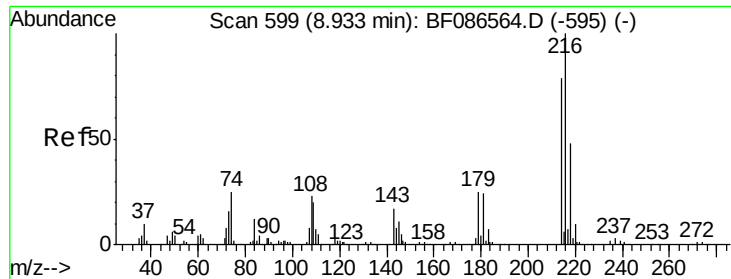
Delta R.T. -0.01 min

Lab File: BF086528.D

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Tgt Ion:	164	Resp:	273327
Ion Ratio	Lower	Upper	
164	100		
162	101.5	82.8	124.2
160	46.4	36.9	55.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.74 ng

RT: 8.93 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF086528.D

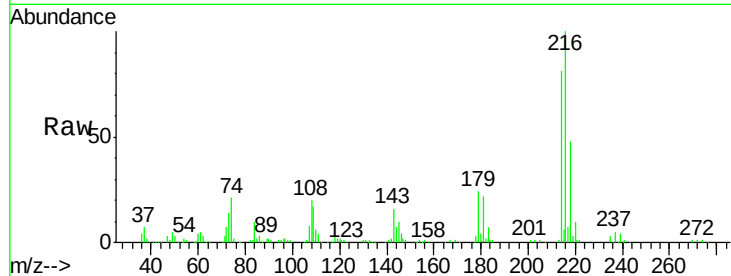
Acq: 30 Apr 2016 17:21

Instrument :

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ClientSampleId :

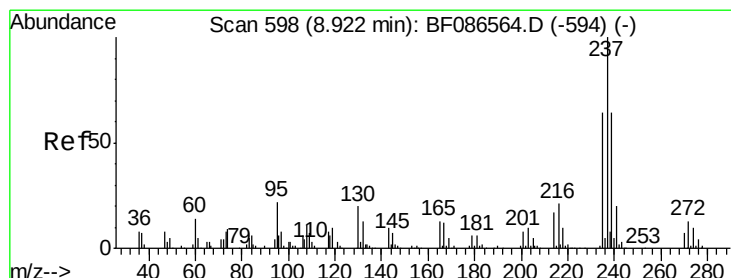
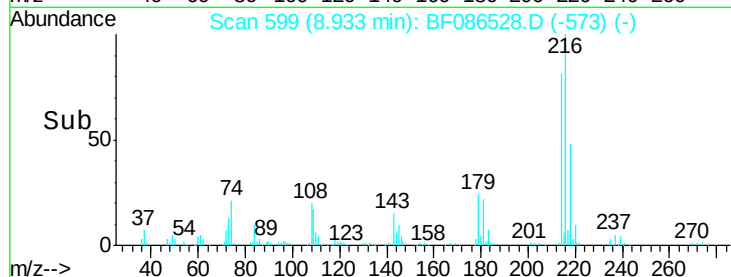
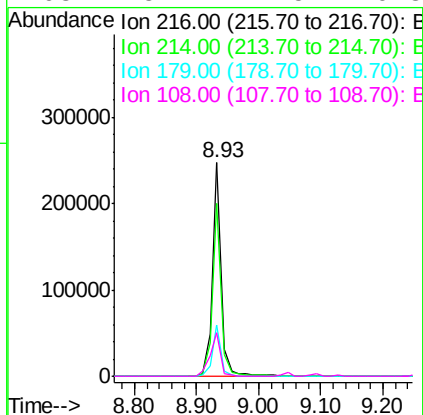
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Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	80.1	62.6	93.8
179	23.3	18.2	27.4
108	25.7	17.5	26.3

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#40

Hexachlorocyclopentadiene

Concen: 62.27 ng

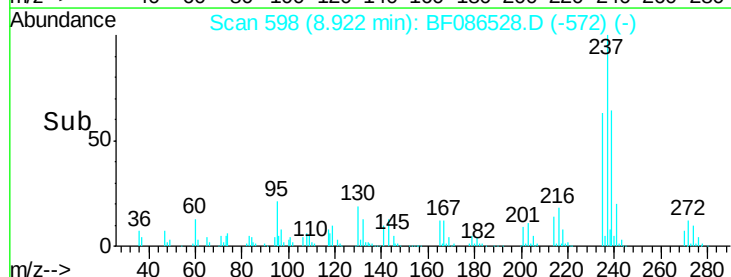
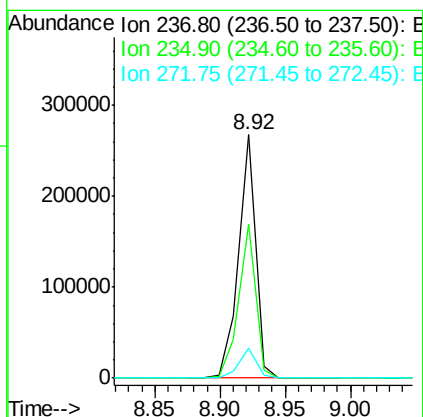
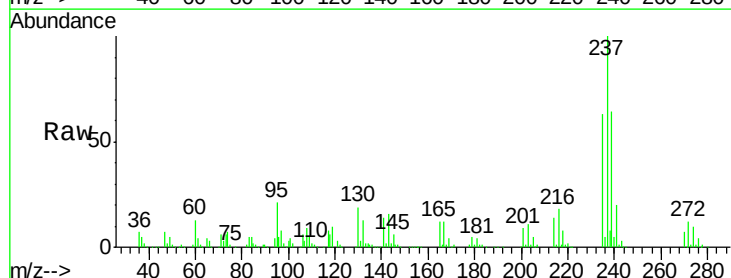
RT: 8.92 min Scan# 598

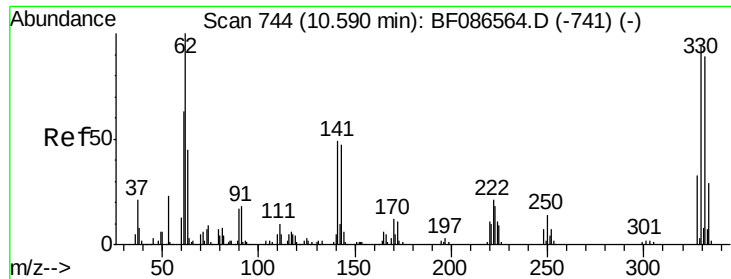
Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.2	47.2	87.2
272	12.3	0.0	31.1





#41

2,4,6-Tribromophenol

Concen: 65.27 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF086528.D

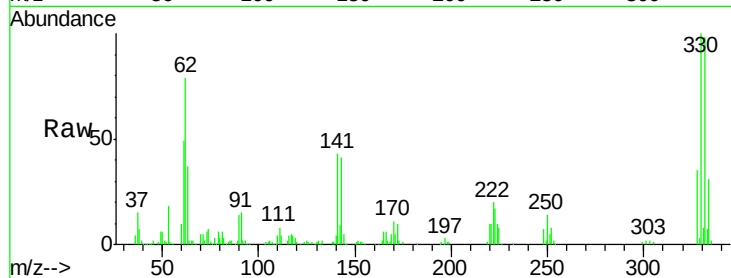
Acq: 30 Apr 2016 17:21

Instrument :

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ClientSampleId :

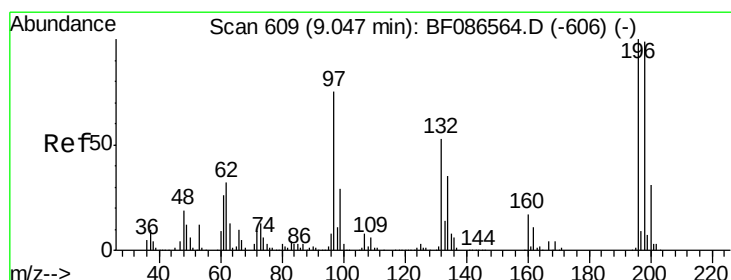
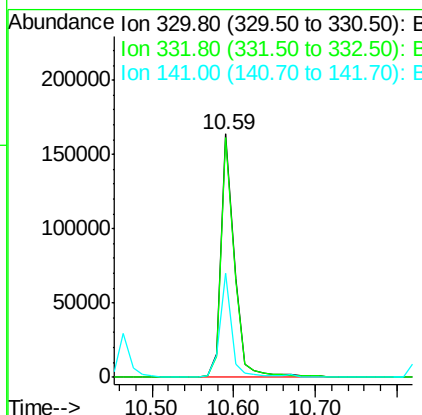
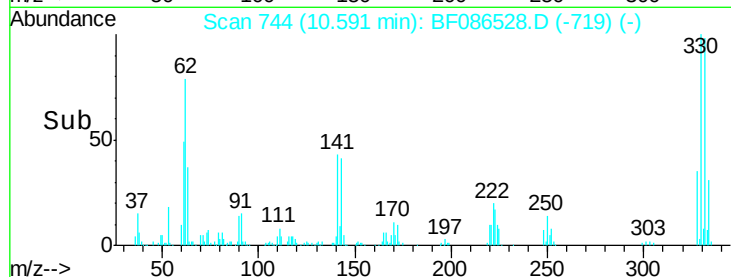
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Tgt Ion:	330	Resp:	188135
Ion Ratio	Lower	Upper	
330	100		
332	98.5	79.0	118.4
141	36.4	31.2	46.8

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#42

2,4,6-Trichlorophenol

Concen: 34.40 ng

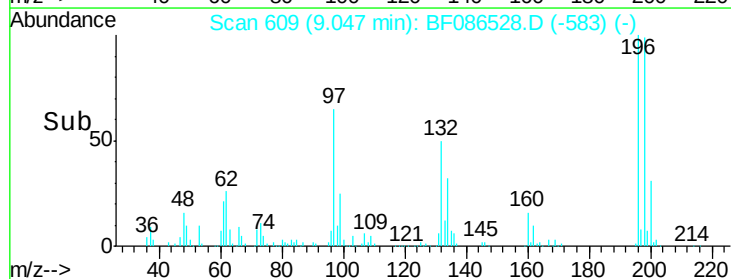
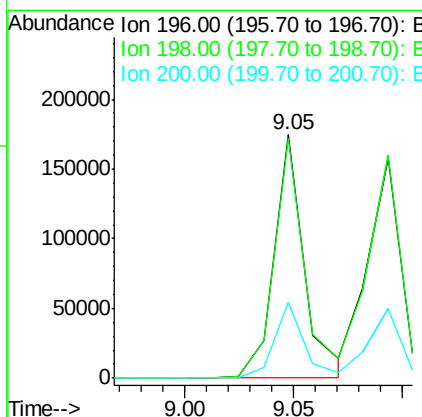
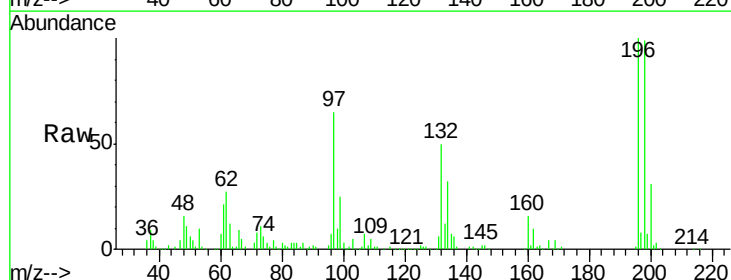
RT: 9.05 min Scan# 609

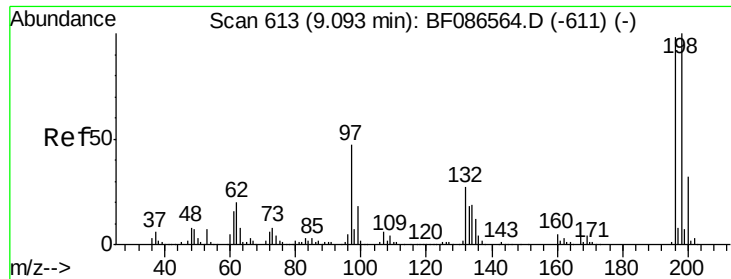
Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

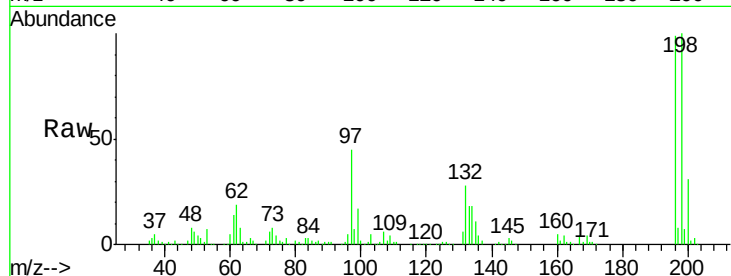
Tgt Ion:	196	Resp:	170106
Ion Ratio	Lower	Upper	
196	100		
198	98.6	74.7	112.1
200	31.3	23.8	35.6





#43
 2,4,5-Trichlorophenol
 Concen: 32.85 ng
 RT: 9.09 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

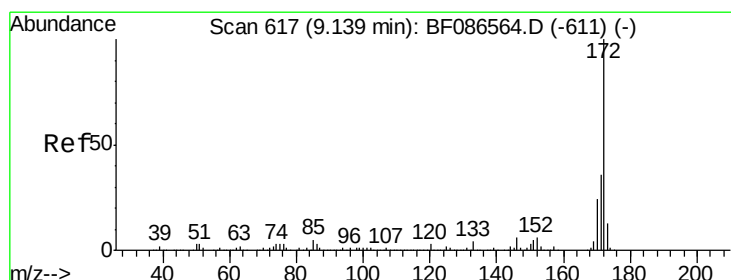
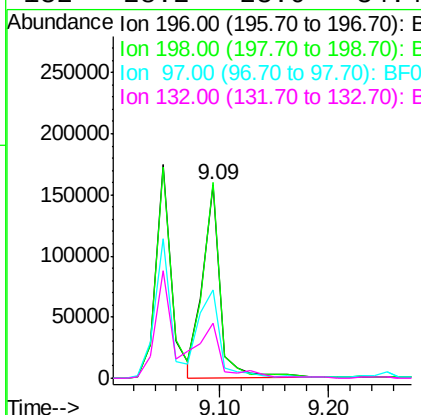
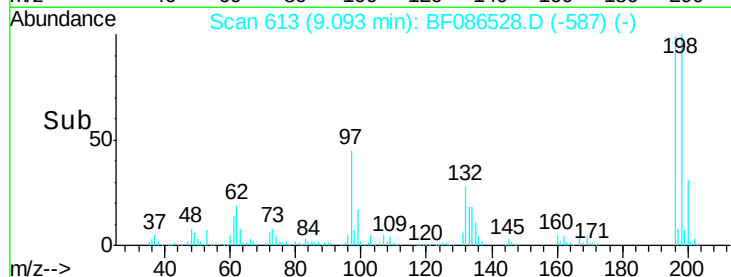
Instrument :
 BNA_F
 ClientSampleId :
 PB90147BSD



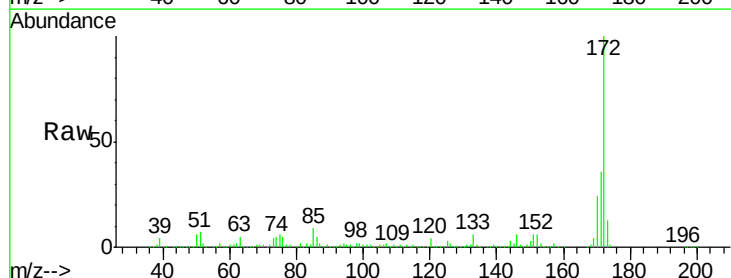
Tgt Ion:	196	Resp:	177098
Ion Ratio	Lower	Upper	
196	100		
198	101.1	77.5	116.3
97	45.7	34.8	52.2
132	28.2	23.0	34.4

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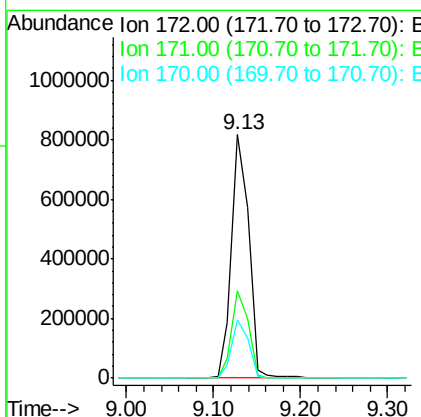
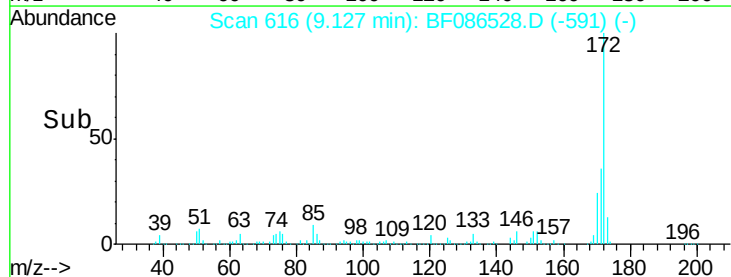
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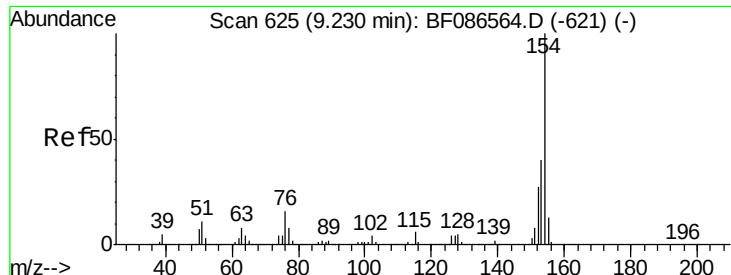


#44
 2-Fluorobiphenyl
 Concen: 68.99 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21



Tgt Ion:	172	Resp:	1125437
Ion Ratio	Lower	Upper	
172	100		
171	35.7	29.0	43.6
170	24.0	19.8	29.8





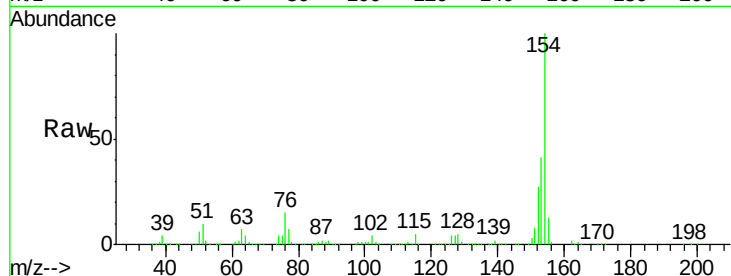
#45
 1,1'-Biphenyl
 Concen: 31.55 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BSD

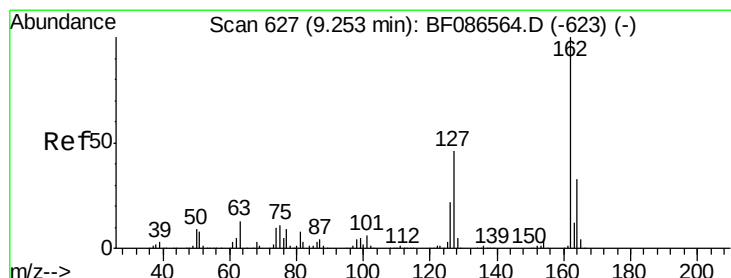
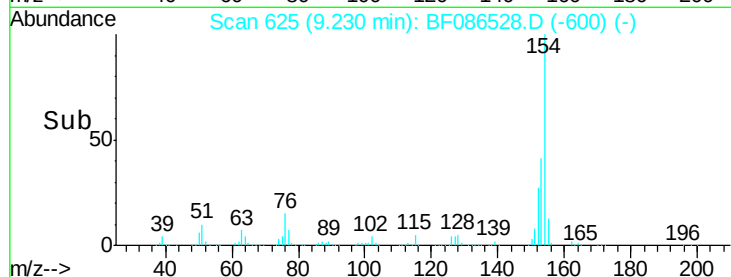
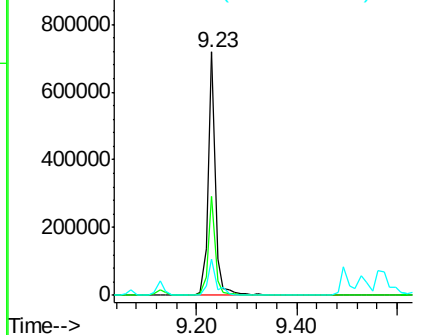
Tgt Ion:	154	Resp:	720881
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.3	60.3
76	14.8	0.0	30.2

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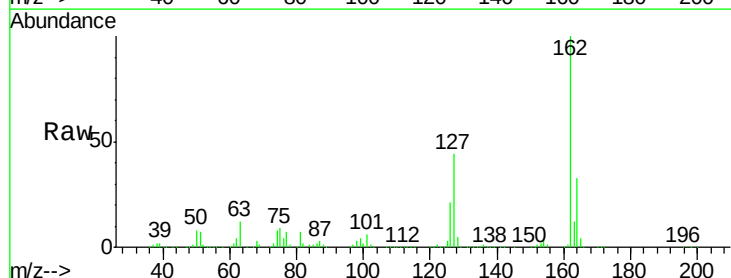


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

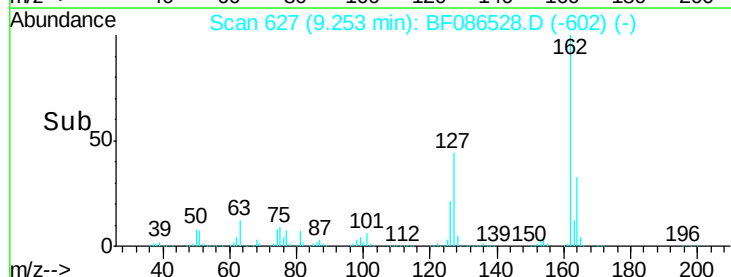
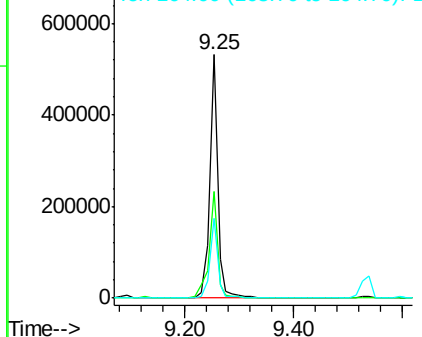


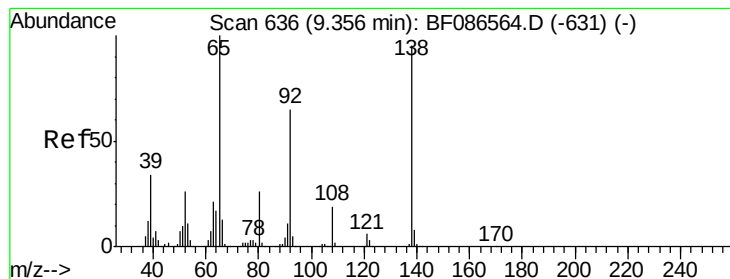
#46
 2-Chloronaphthalene
 Concen: 31.41 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion:	162	Resp:	545702
Ion Ratio	Lower	Upper	
162	100		
127	43.6	31.8	47.6
164	32.8	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: 35.67 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

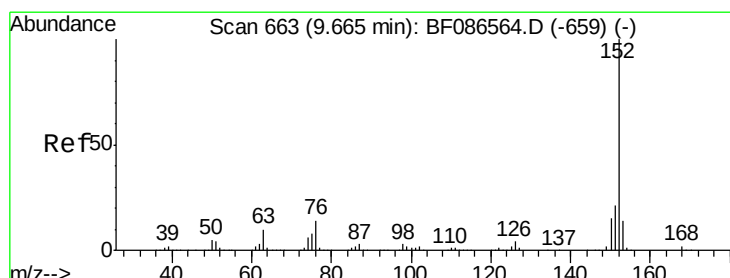
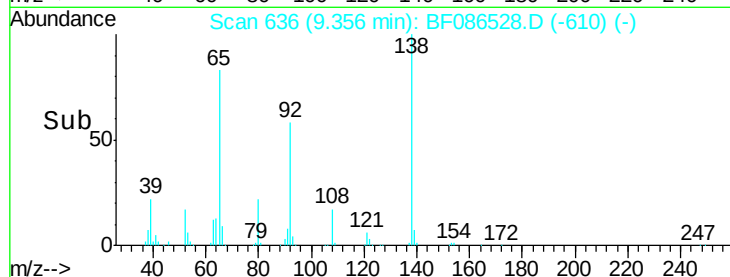
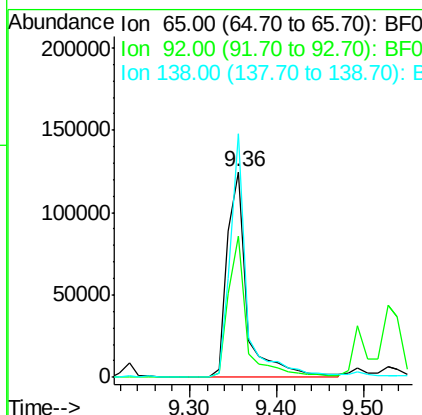
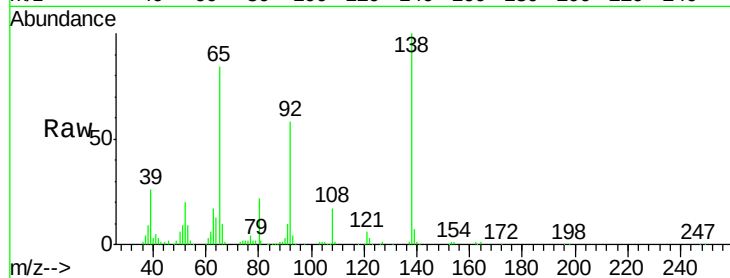
ClientSampleId :

PB90147BSD

Tgt Ion:	65	Resp:	198689
Ion Ratio	Lower	Upper	
65	100		
92	68.7	57.4	86.2
138	118.4	90.1	135.1

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#48

Acenaphthylene

Concen: 30.67 ng

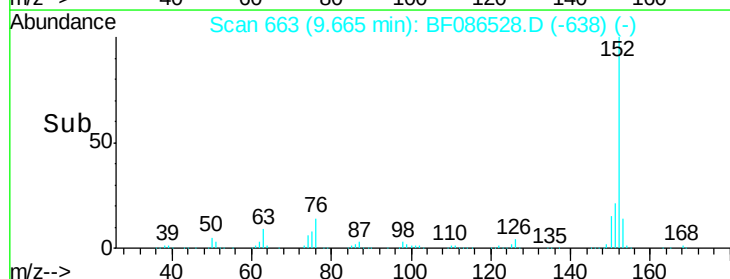
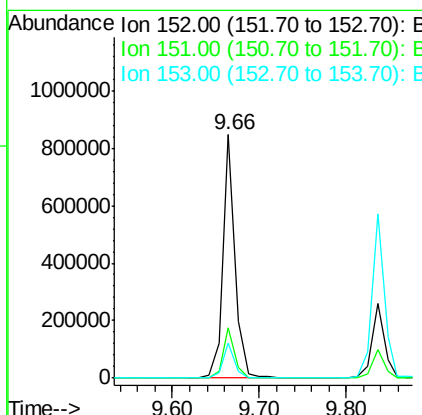
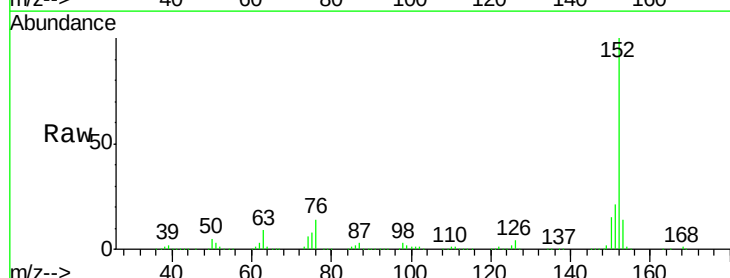
RT: 9.66 min Scan# 663

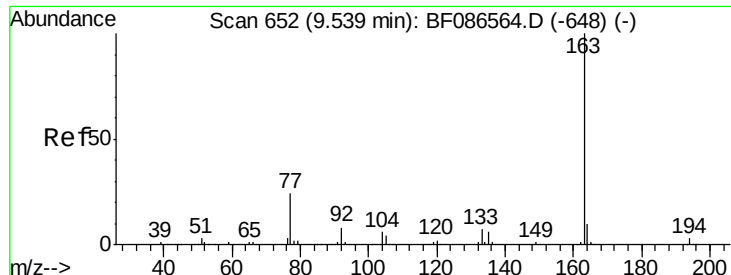
Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion:	152	Resp:	832843
Ion Ratio	Lower	Upper	
152	100		
151	20.5	16.8	25.2
153	14.3	10.9	16.3





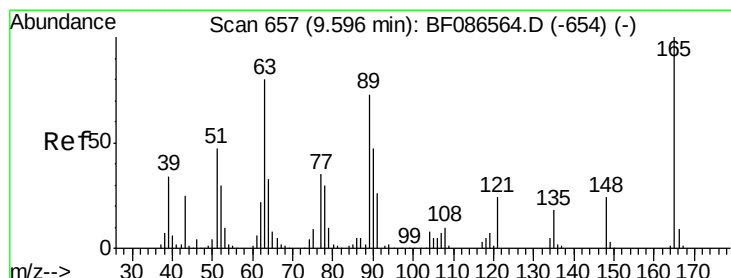
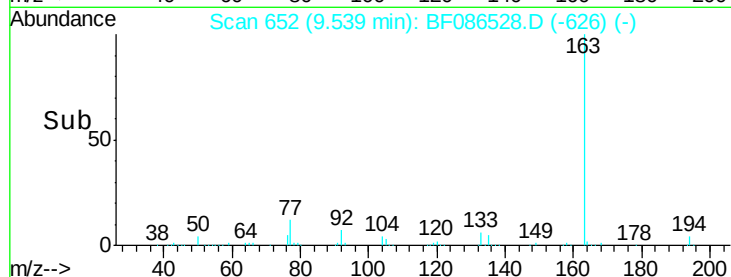
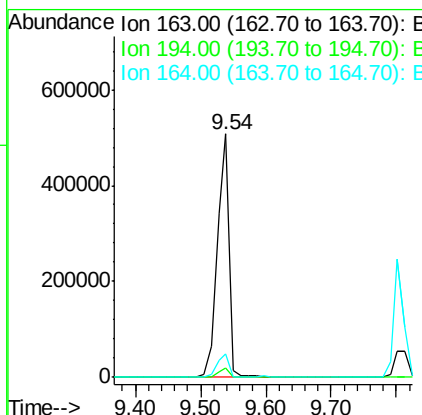
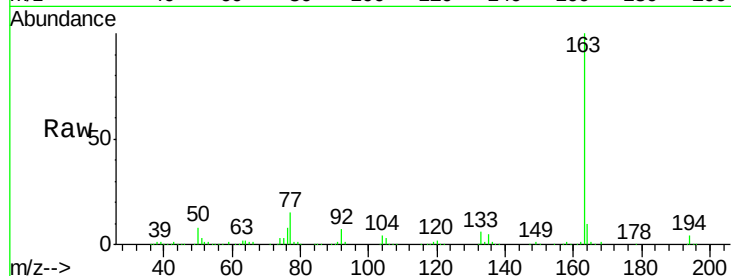
#49
Dimethylphthalate
Concen: 31.93 ng
RT: 9.54 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
163	100	657014		
194	3.6	2.6	4.0	
164	9.6	8.2	12.4	

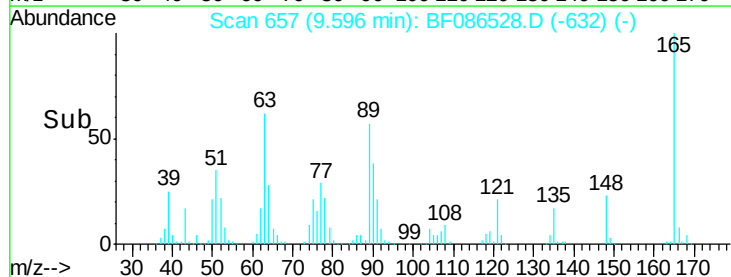
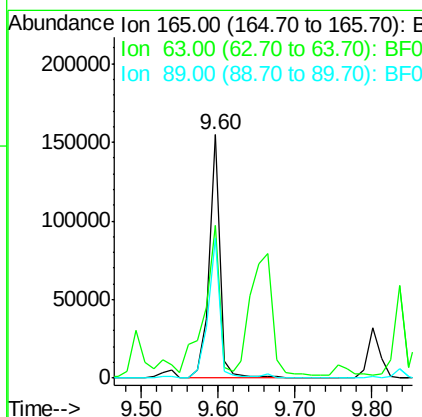
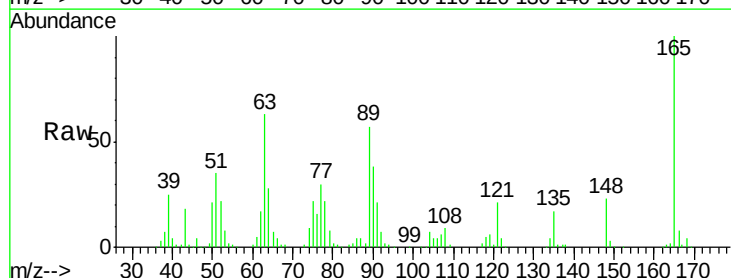
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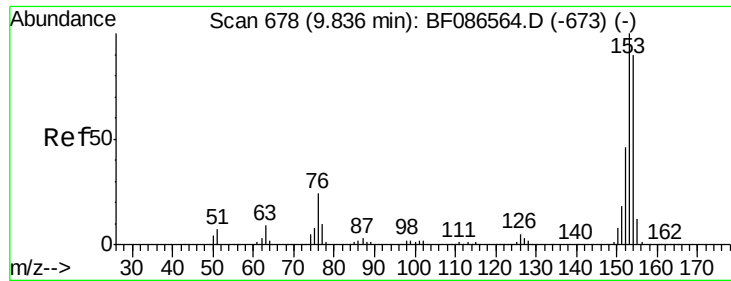
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#50
2,6-Dinitrotoluene
Concen: 35.41 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	150522		
63	62.8	51.8	77.8	
89	57.4	50.7	76.1	





#51

Acenaphthene

Concen: 34.59 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086528.D

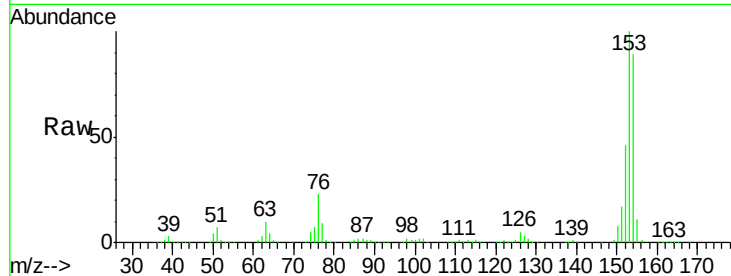
Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

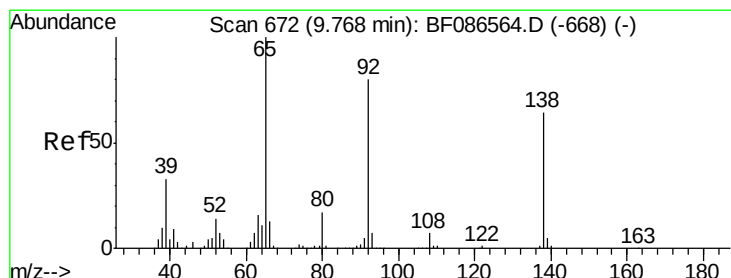
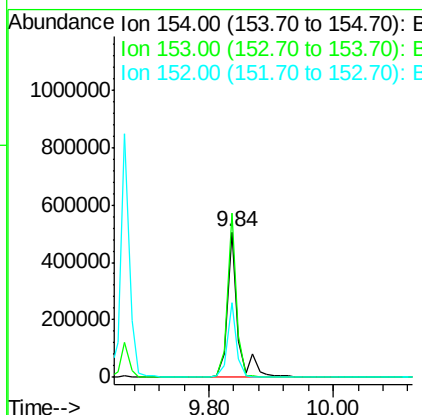
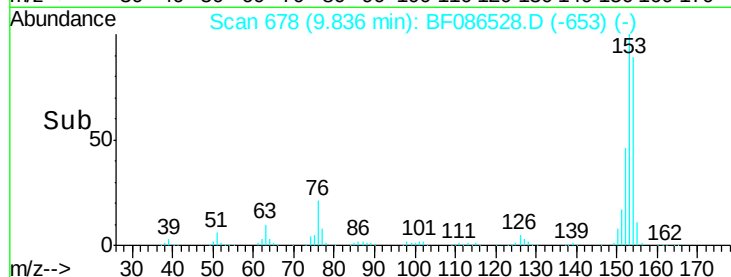
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Tgt Ion:	154	Resp:	603279
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.8	134.6
152	51.6	43.4	65.0

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#52

3-Nitroaniline

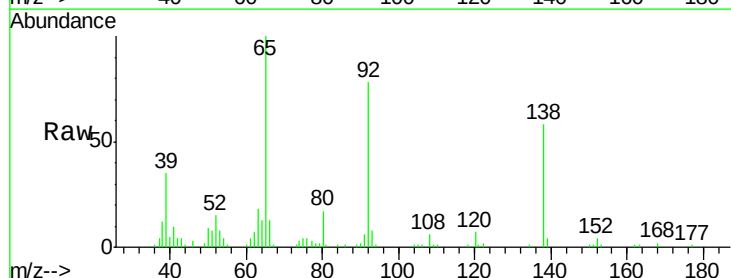
Concen: 12.68 ng

RT: 9.76 min Scan# 671

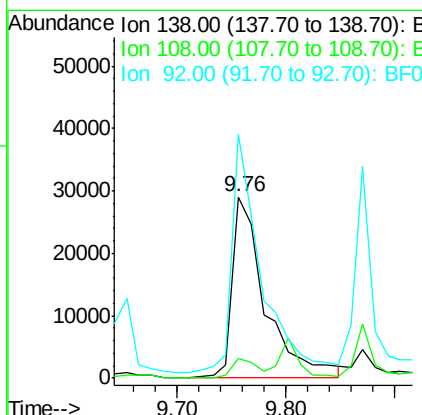
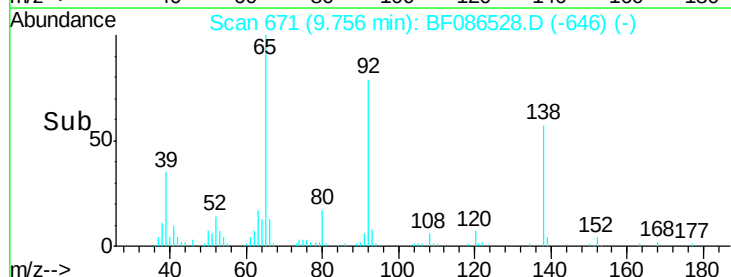
Delta R.T. -0.01 min

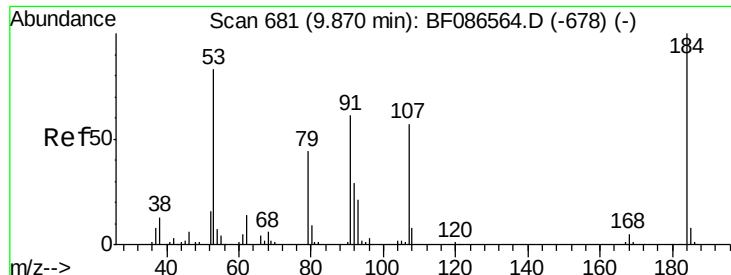
Lab File: BF086528.D

Acq: 30 Apr 2016 17:21



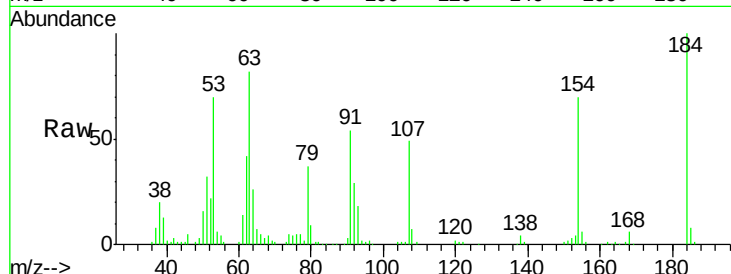
Tgt Ion:	138	Resp:	61305
Ion Ratio	Lower	Upper	
138	100		
108	11.0	7.8	11.6
92	134.4	87.8	131.8#





#53
 2,4-Dinitrophenol
 Concen: 61.57 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

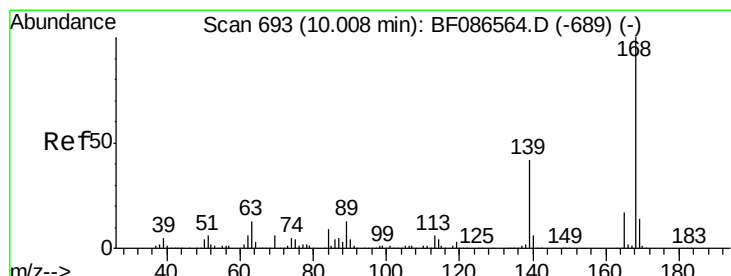
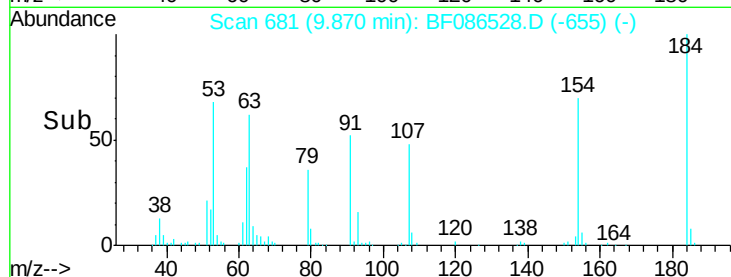
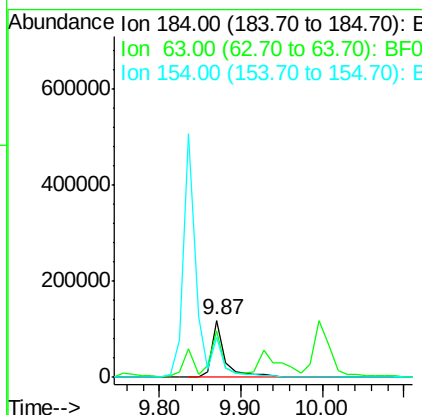
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	138466		
63	82.1	55.8	83.8	
154	70.3	62.4	93.6	

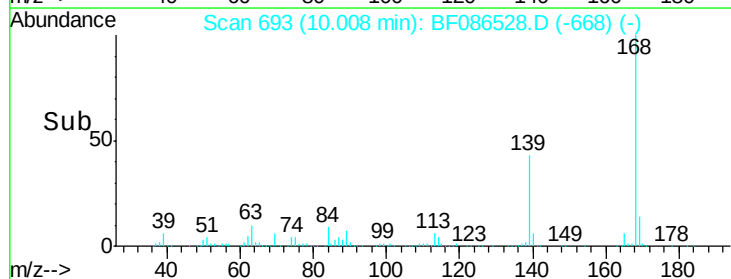
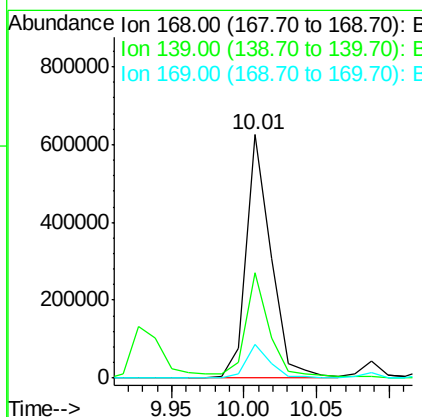
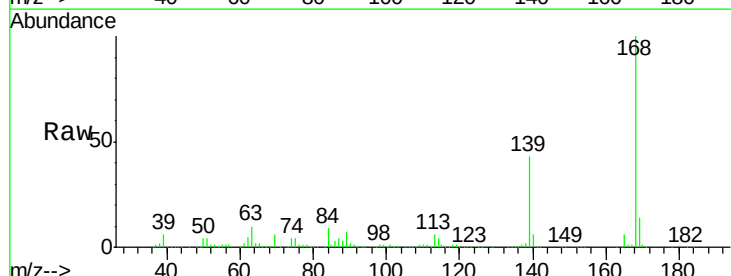
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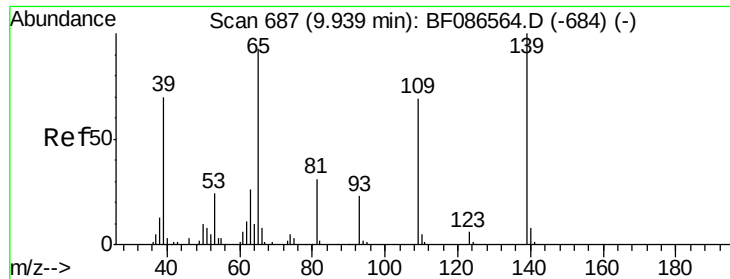
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#54
 Dibenzofuran
 Concen: 34.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	741171		
139	43.1	31.4	47.0	
169	13.8	10.7	16.1	





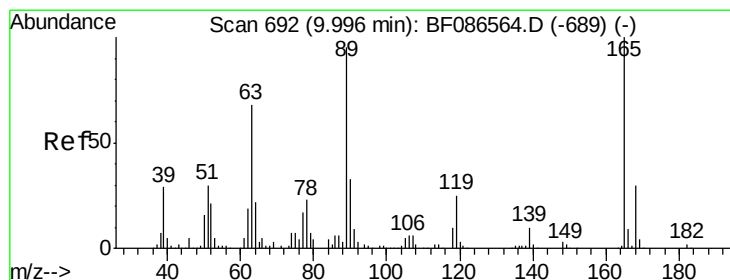
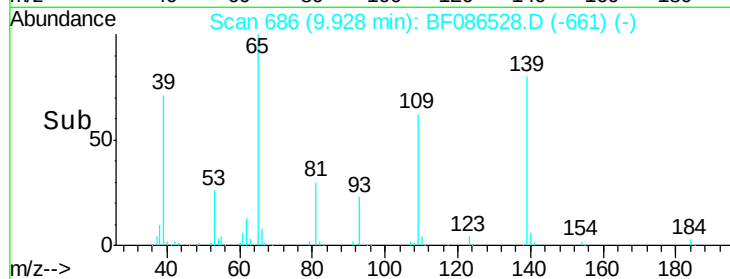
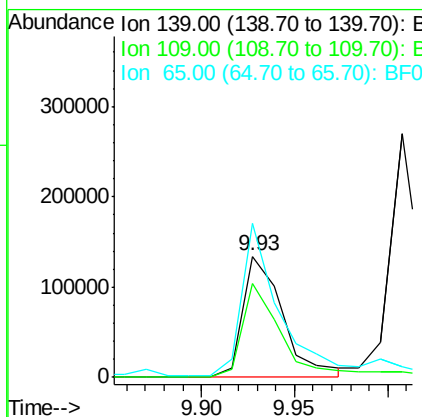
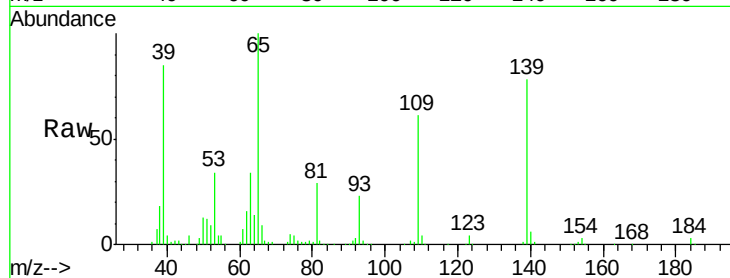
#55
4-Nitrophenol
Concen: 63.89 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	202245		
109	77.7	36.9	76.9#	
65	127.6	64.0	104.0#	

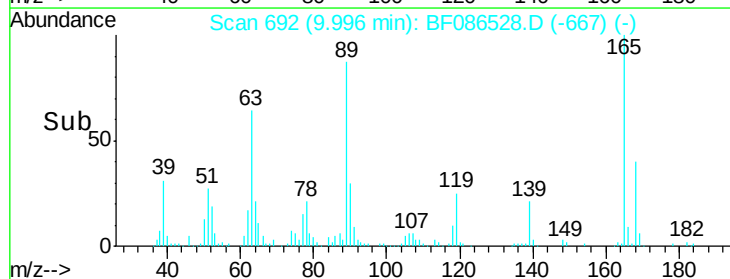
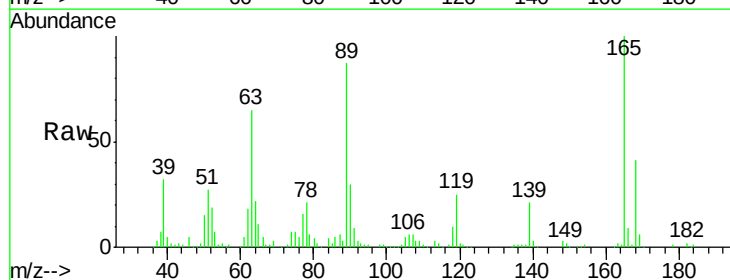
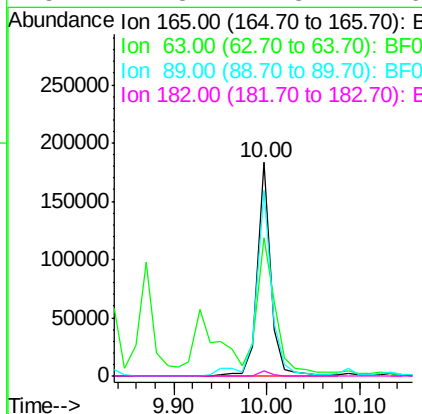
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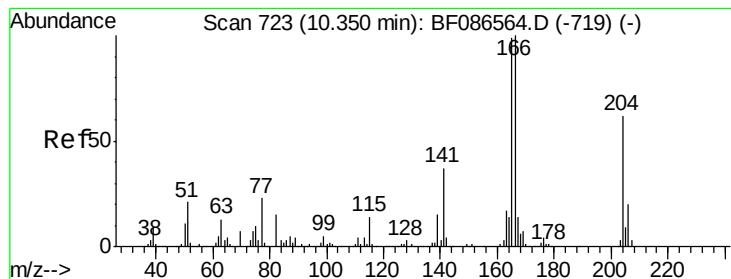
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#56
2,4-Dinitrotoluene
Concen: 34.14 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	184995		
63	64.8	44.3	66.5	
89	87.2	70.0	105.0	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 29.74 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF086528.D

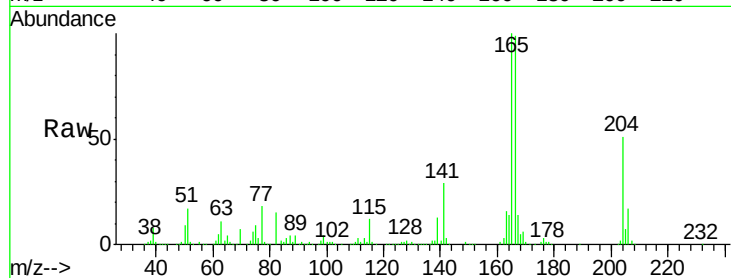
Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:166 Resp: 562828

Ion Ratio Lower Upper

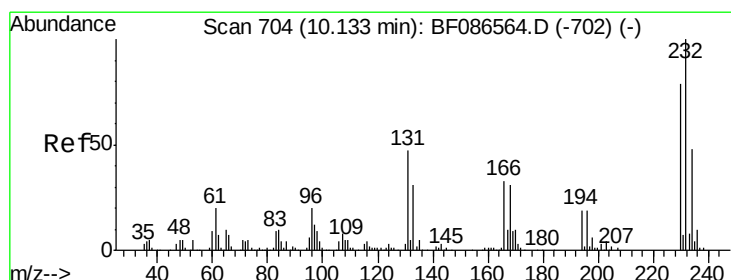
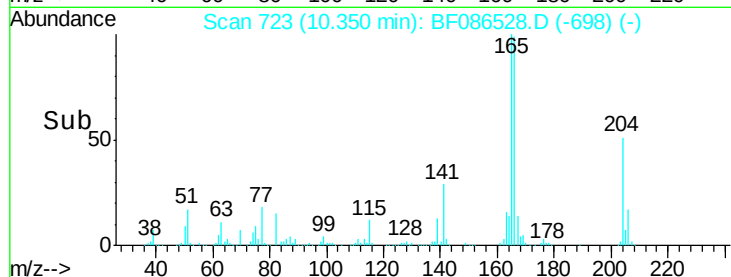
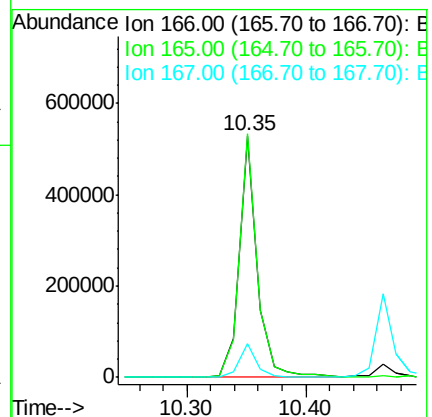
166 100

165 100.9 79.0 118.6

167 14.0 10.6 15.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.60 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion:232 Resp: 154255

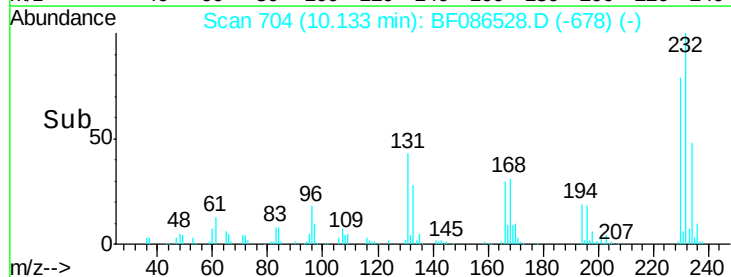
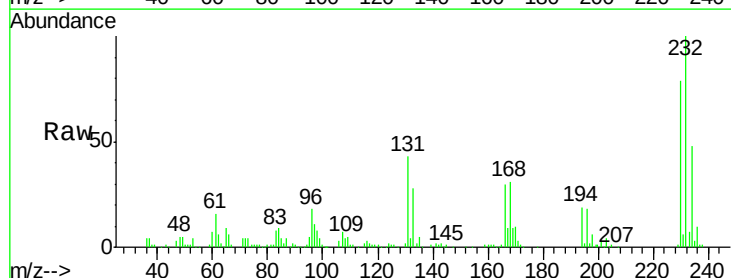
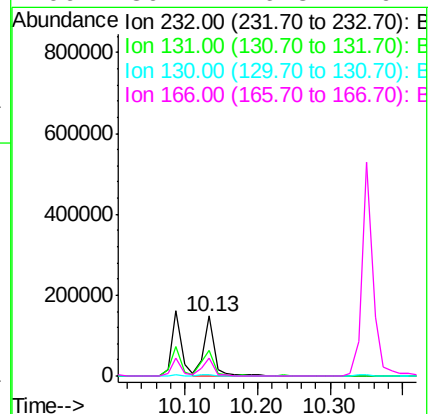
Ion Ratio Lower Upper

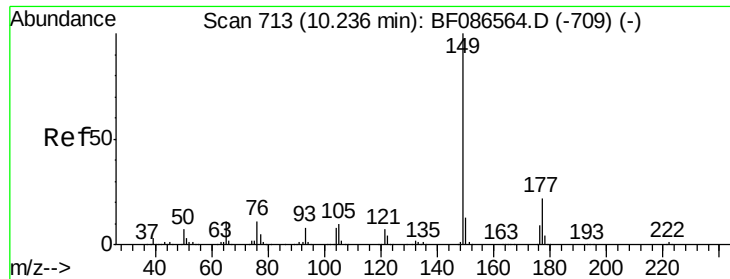
232 100

131 50.9 41.9 62.9

130 2.5 2.2 3.4

166 30.4 26.8 40.2





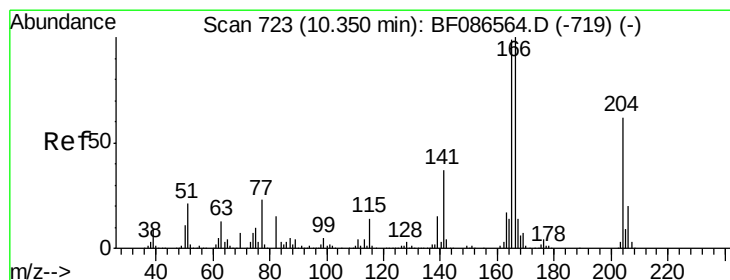
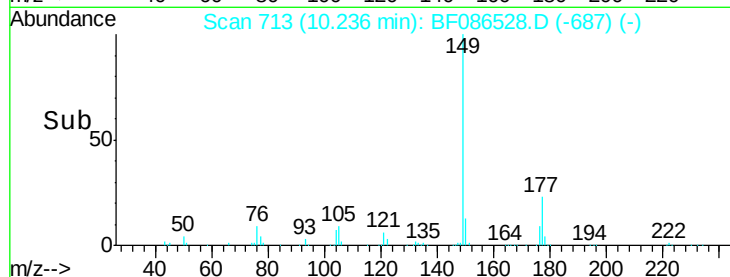
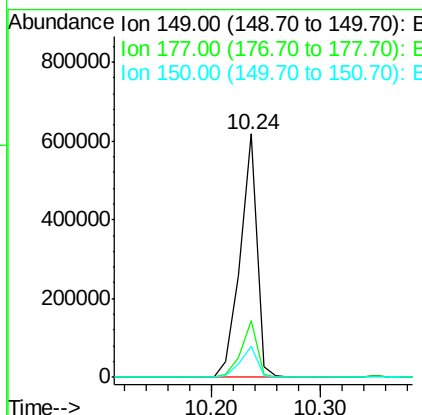
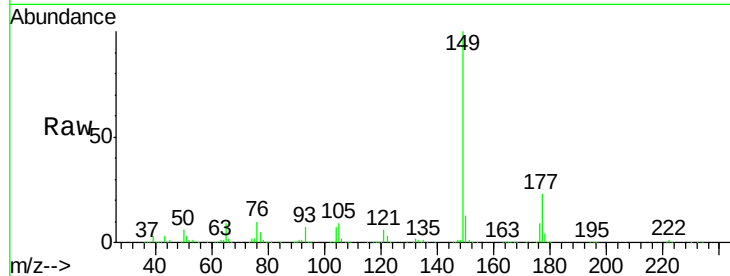
#59
Diethylphthalate
Concen: 33.58 ng
RT: 10.24 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90147BSD

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	654088		
177	23.5	16.6	24.8	
150	12.6	10.0	15.0	

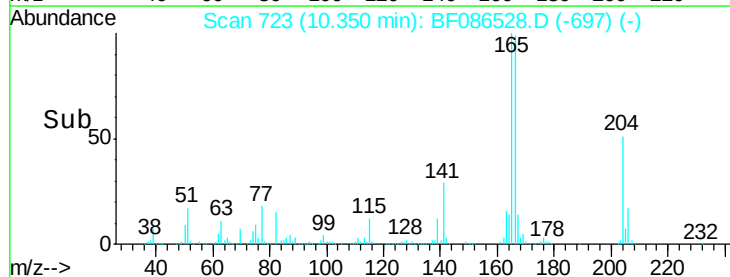
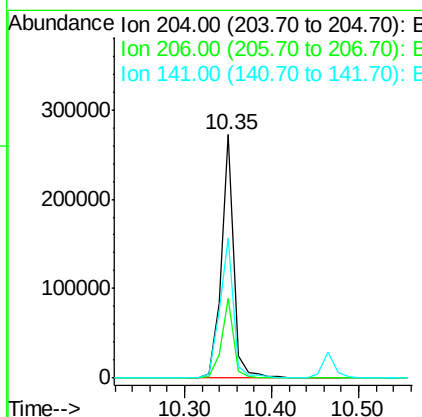
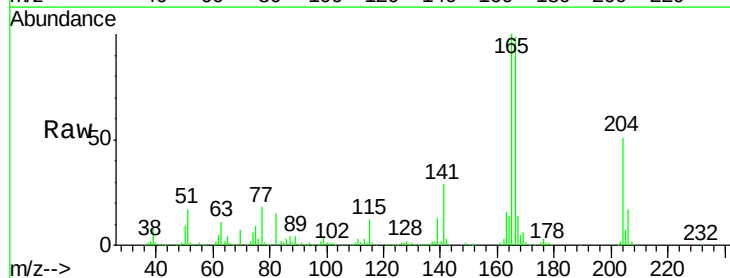
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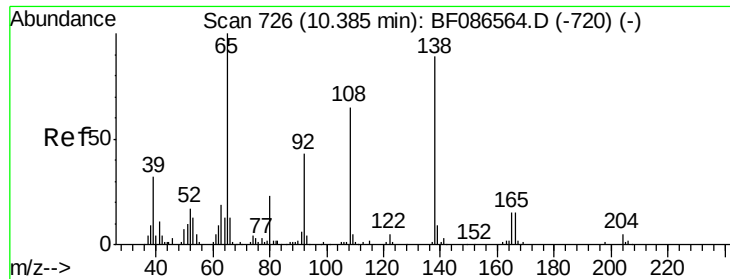
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#60
4-Chlorophenyl-phenylether
Concen: 32.27 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	277256		
206	32.6	25.4	38.0	
141	57.4	61.6	92.4#	





#61

4-Nitroaniline

Concen: 32.95 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

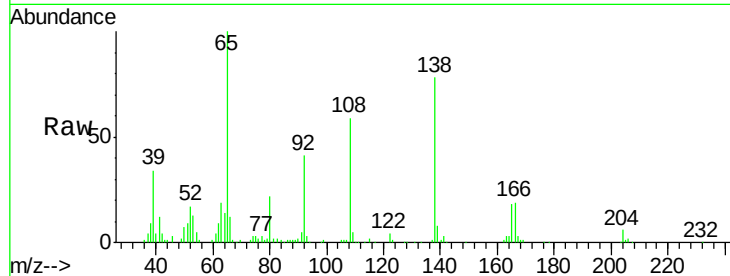
ClientSampleId :

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Tgt Ion:	138	Resp:	155701
Ion Ratio	Lower	Upper	
138	100		
92	52.5	24.7	64.7
108	75.9	37.4	77.4

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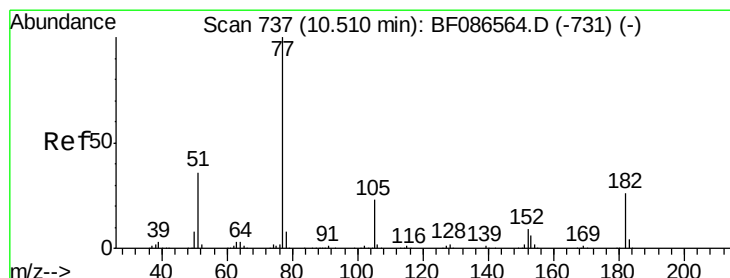
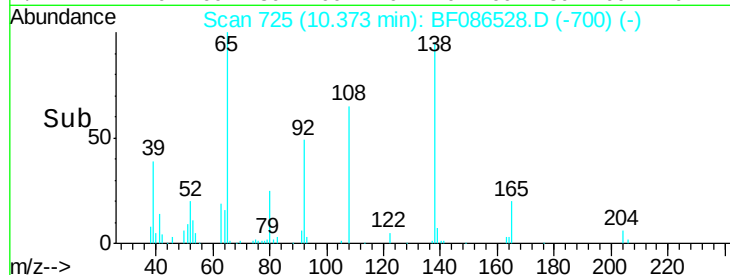
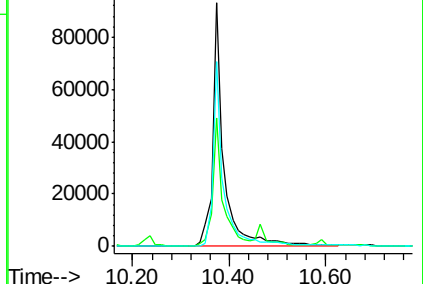
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 35.62 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

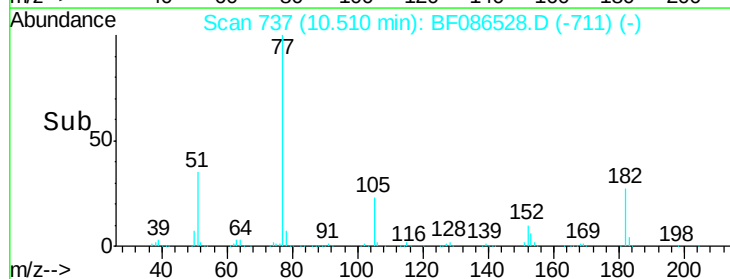
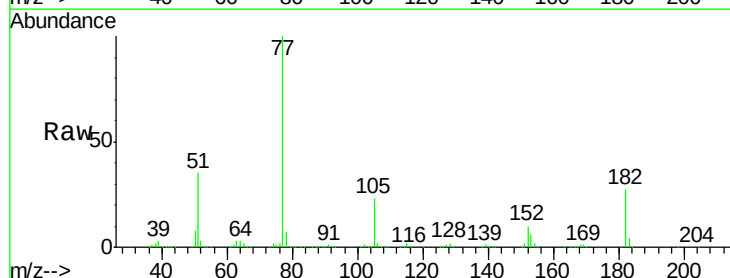
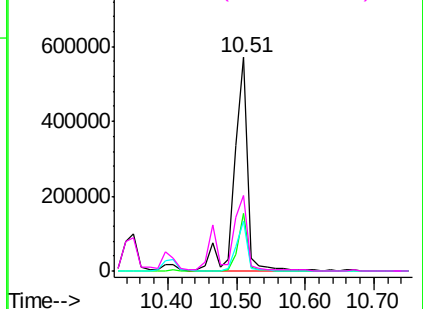
Tgt Ion:	77	Resp:	760091
Ion Ratio	Lower	Upper	
77	100		
182	27.0	0.0	38.8
105	23.3	3.2	43.2
51	35.2	8.8	48.8

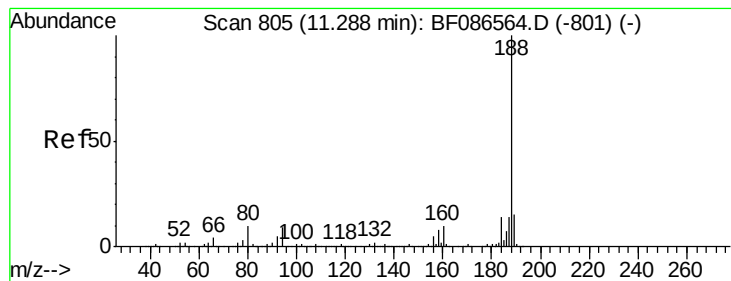
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

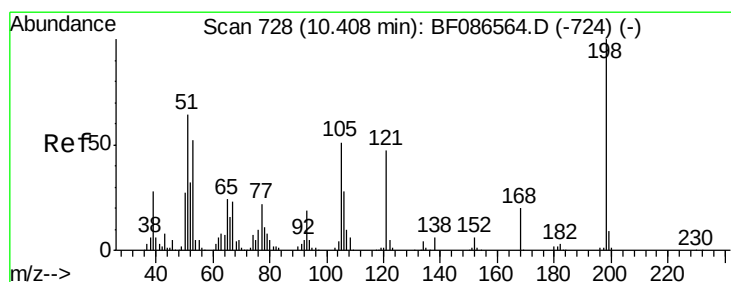
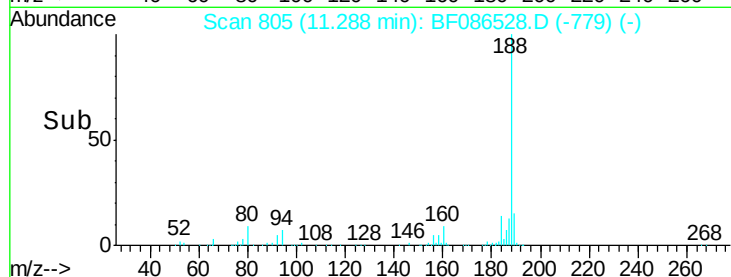
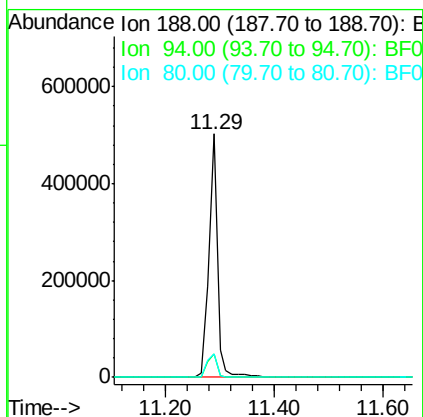
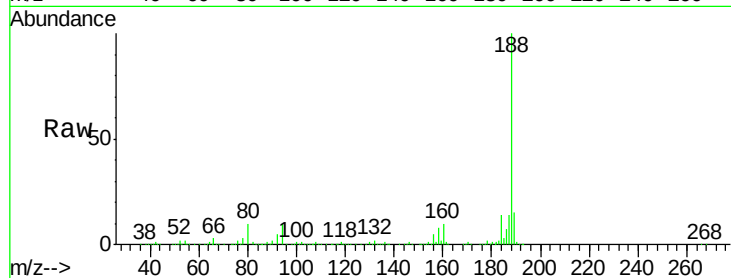
ClientSampleId :

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Tgt Ion:	188	Resp:	553963
Ion Ratio	Lower	Upper	
188	100		
94	9.6	6.8	10.2
80	9.8	7.1	10.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 30.85 ng

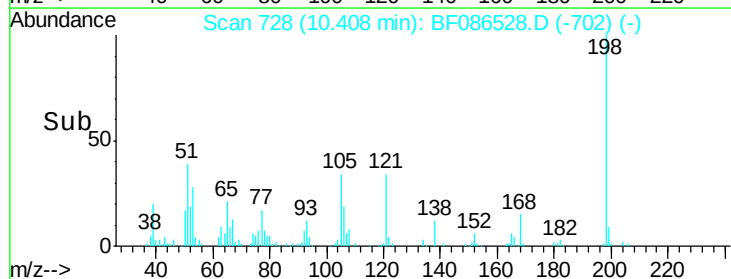
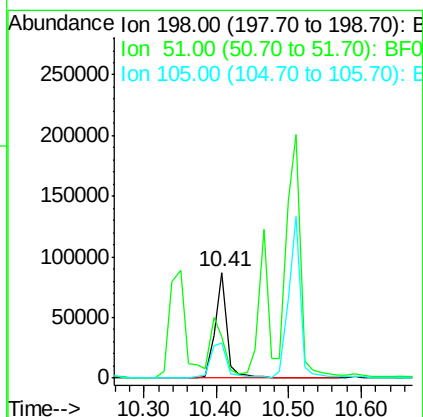
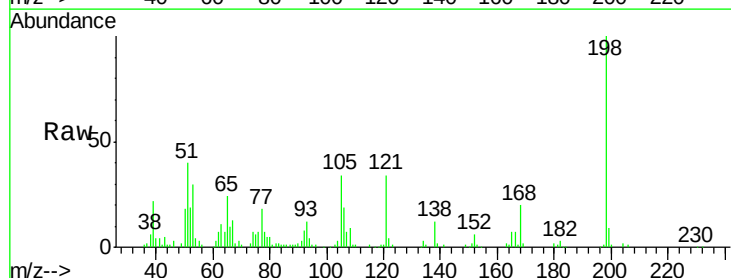
RT: 10.41 min Scan# 728

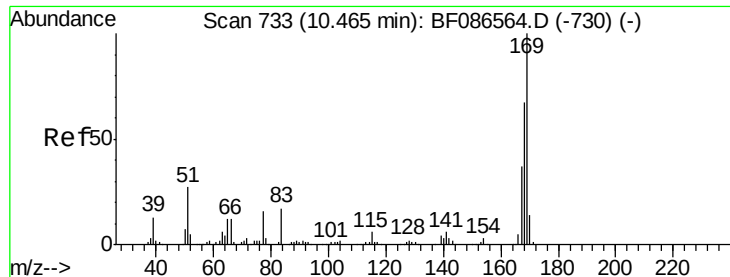
Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion:	198	Resp:	100338
Ion Ratio	Lower	Upper	
198	100		
51	39.6	20.5	60.5
105	33.7	24.5	64.5





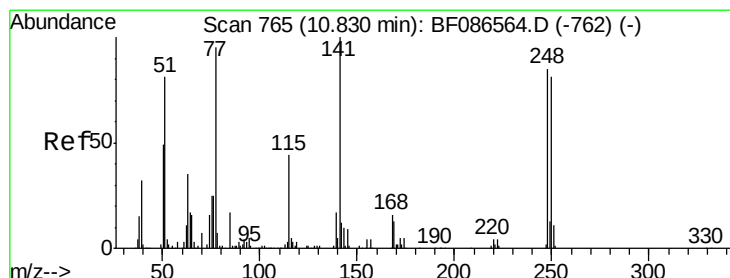
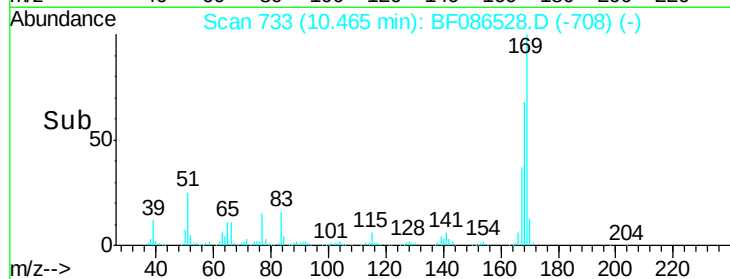
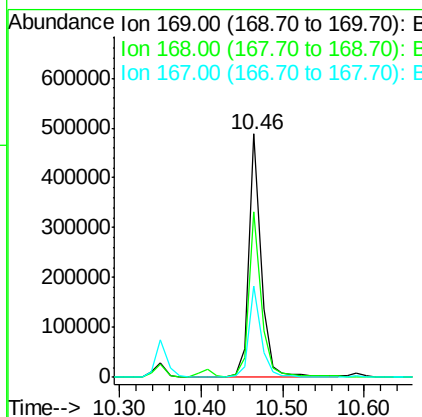
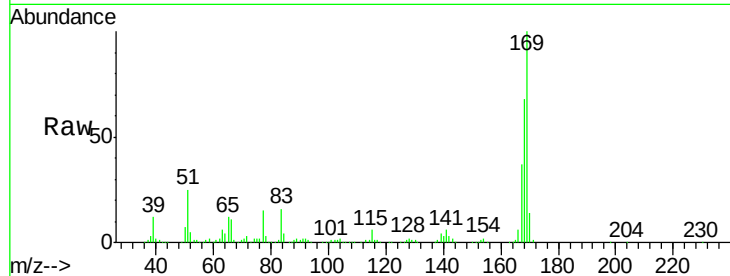
#65
 n-Nitrosodiphenylamine
 Concen: 29.28 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BSD

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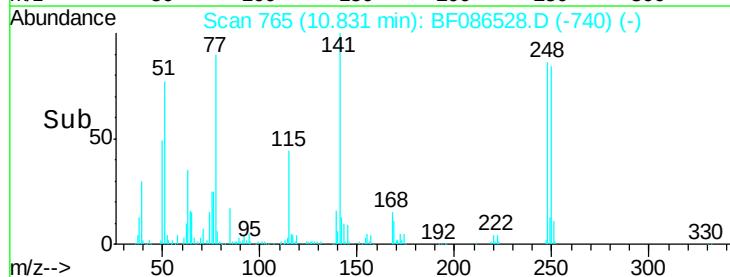
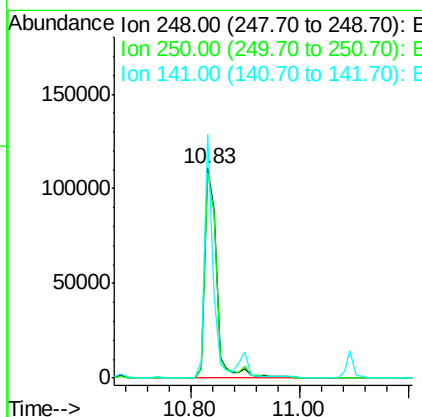
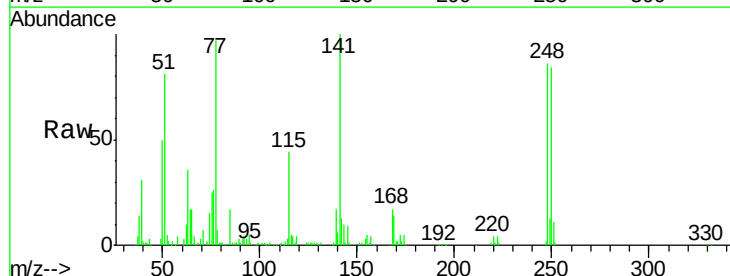
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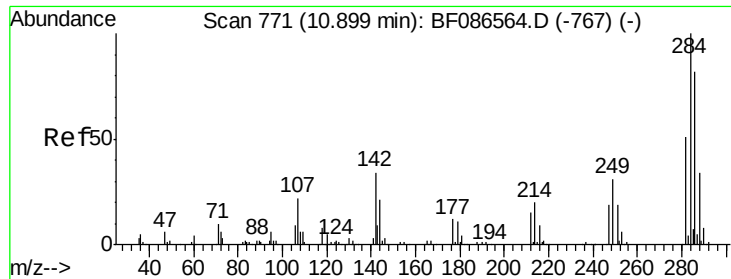
Tgt Ion	Ratio	Resp	Lower	Upper
169	100	506933		
168	68.0	53.8	80.6	
167	37.4	29.5	44.3	



#66
 4-Bromophenyl-phenylether
 Concen: 29.13 ng
 RT: 10.83 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	166260		
250	97.6	78.6	117.8	
141	116.0	76.0	114.0	





#67

Hexachlorobenzene

Concen: 30.26 ng

RT: 10.90 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF086528.D

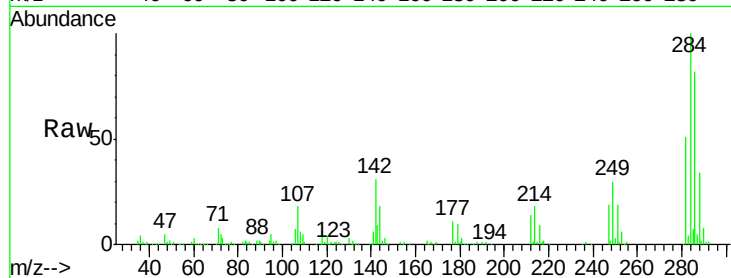
Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

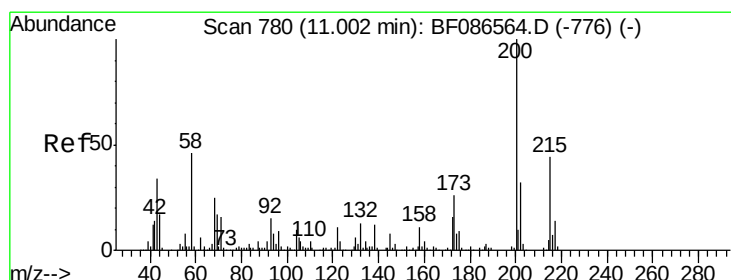
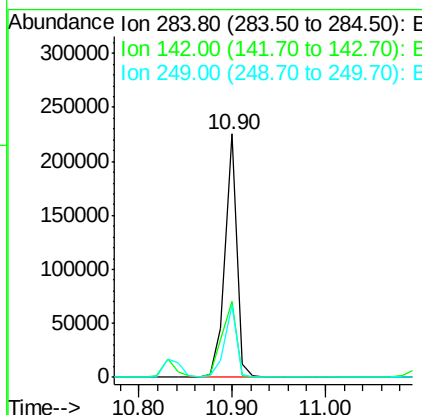
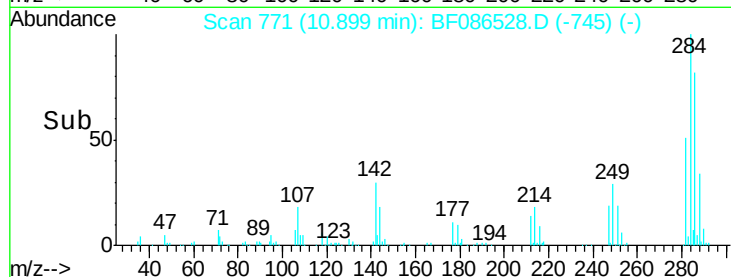
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Tgt Ion	Ratio	Resp	Lower	Upper
284	100	199915		
142	31.1	16.7	25.1#	
249	29.7	21.3	31.9	

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#68

Atrazine

Concen: 30.00 ng

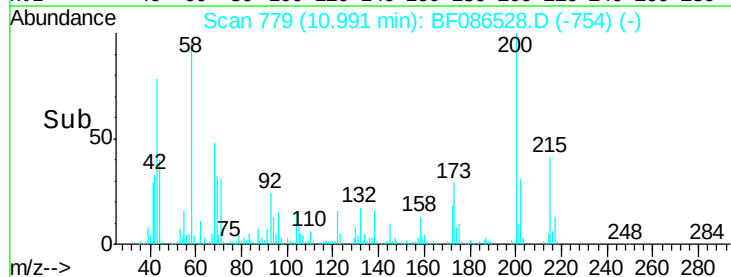
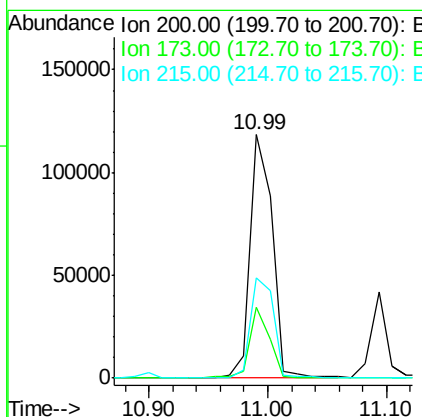
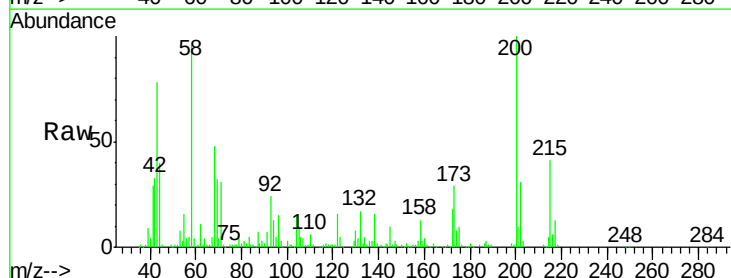
RT: 10.99 min Scan# 779

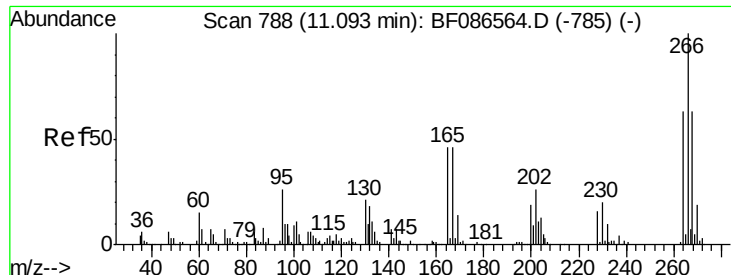
Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	155982		
173	29.2	8.5	48.5	
215	41.3	27.2	67.2	





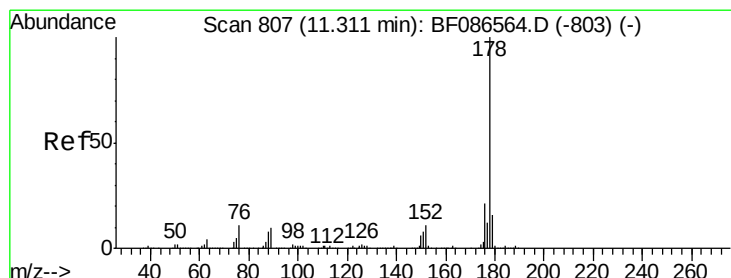
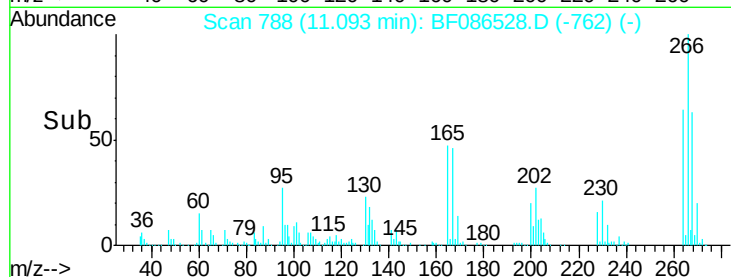
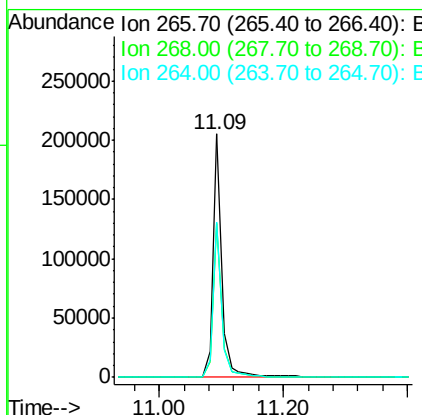
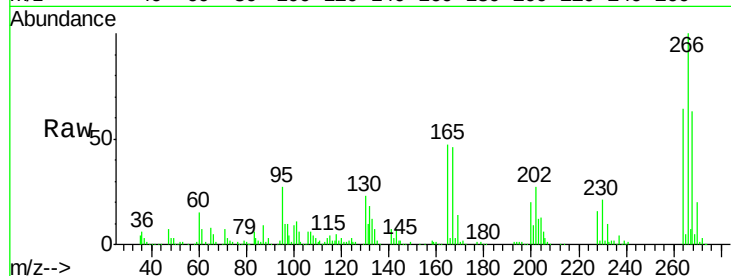
#69
 Pentachlorophenol
 Concen: 58.04 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
266	100	202179		
268	63.4	51.5	77.3	
264	63.7	52.9	79.3	

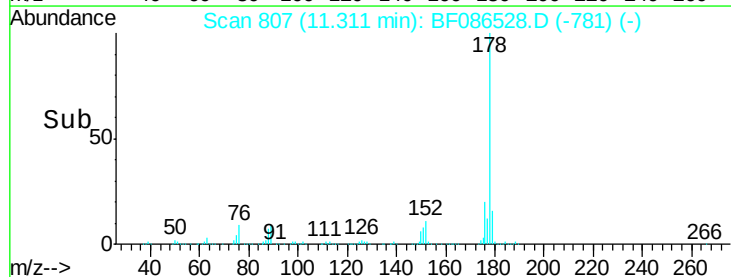
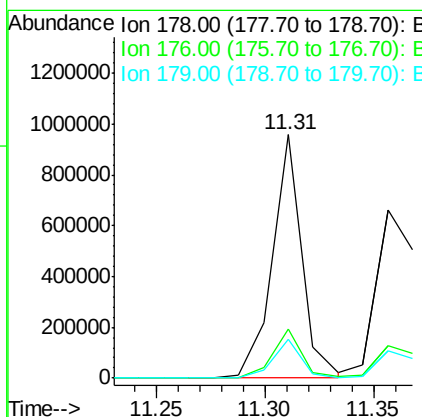
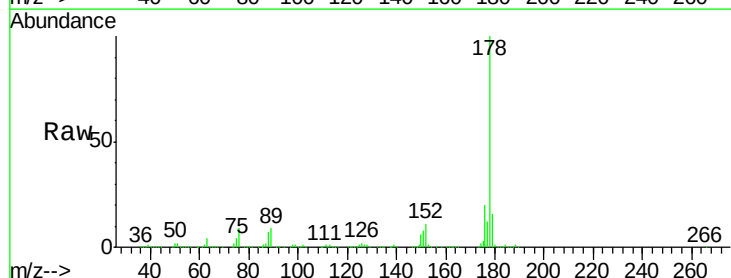
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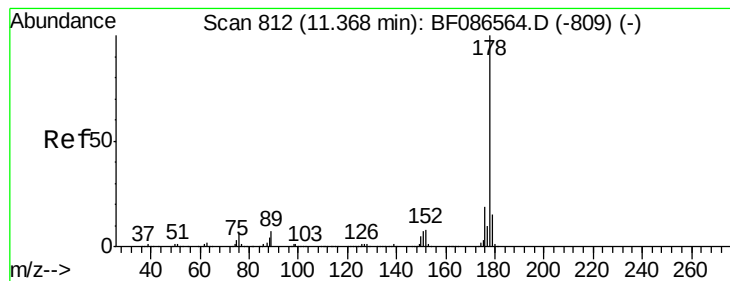
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#70
 Phenanthrene
 Concen: 31.35 ng
 RT: 11.31 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	911407		
176	20.1	16.0	24.0	
179	15.8	12.6	18.8	





#71

Anthracene

Concen: 30.95 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

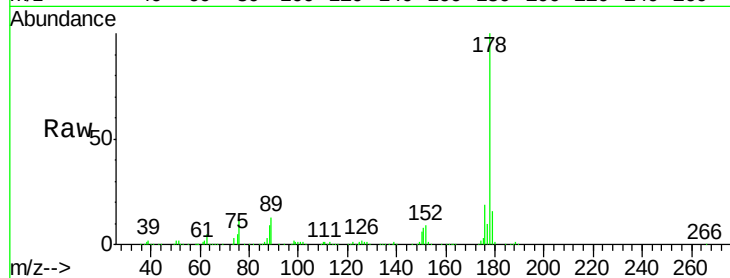
ClientSampleId :

PB90147BSD

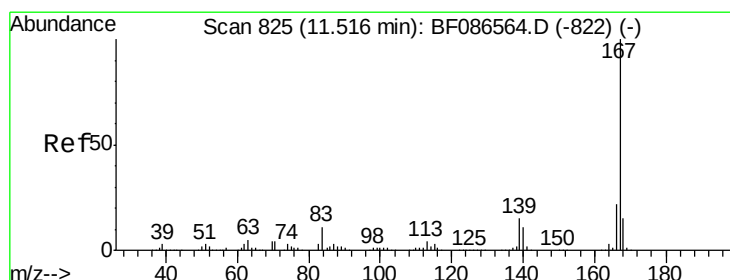
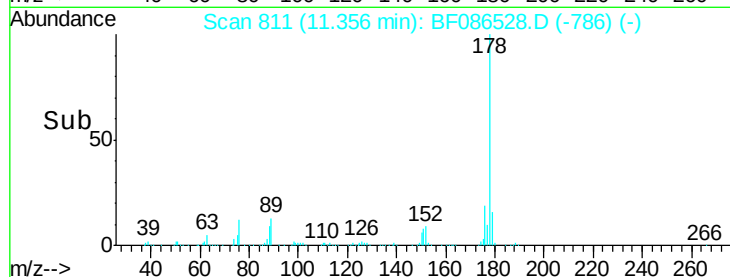
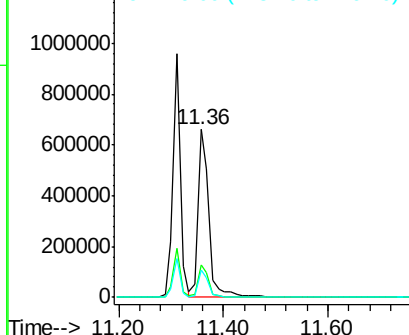
Tgt Ion:	178	Resp:	960100
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.6	23.4
179	15.9	12.7	19.1

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



#72

Carbazole

Concen: 32.11 ng

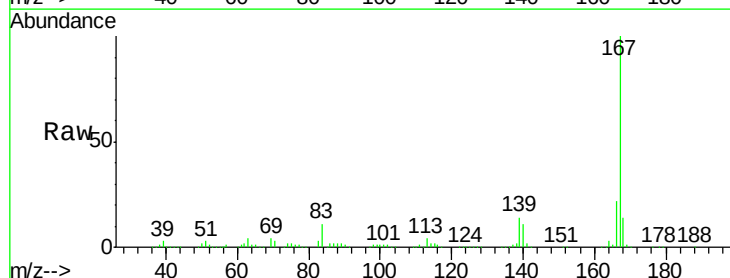
RT: 11.52 min Scan# 825

Delta R.T. -0.01 min

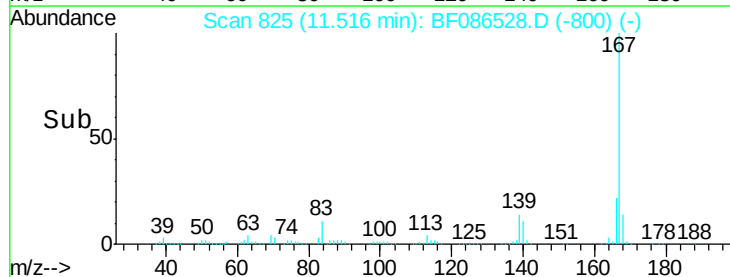
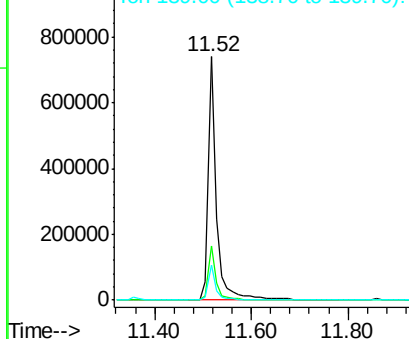
Lab File: BF086528.D

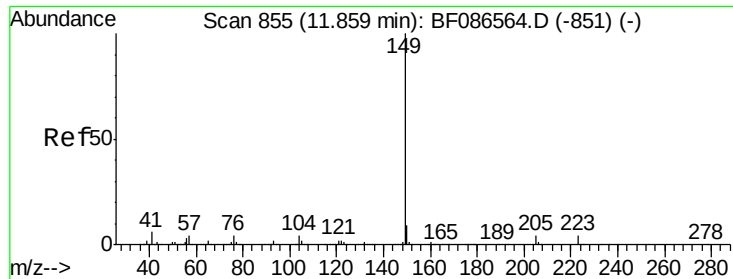
Acq: 30 Apr 2016 17:21

Tgt Ion:	167	Resp:	882919
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.7	26.5
139	14.3	10.8	16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





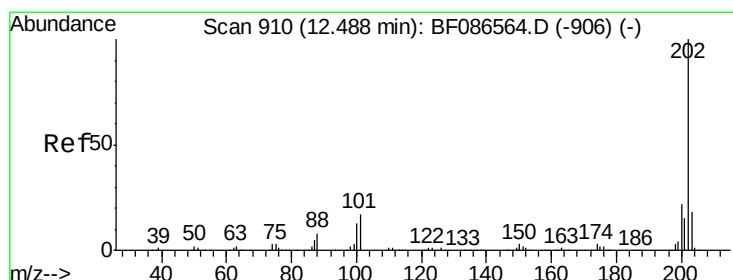
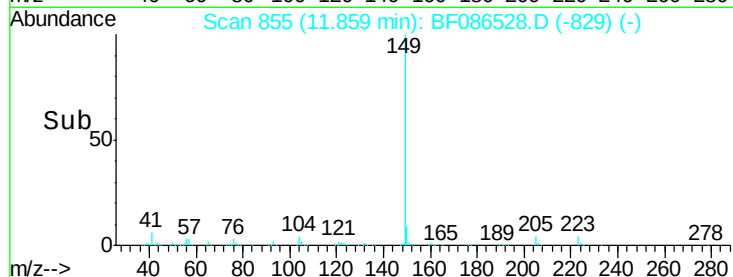
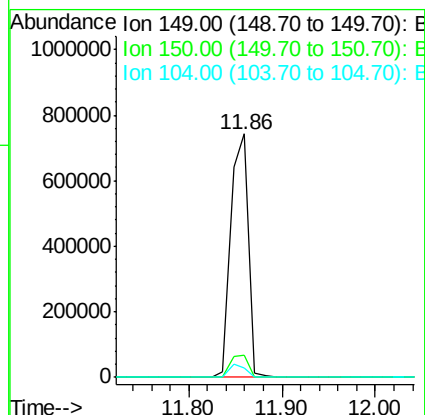
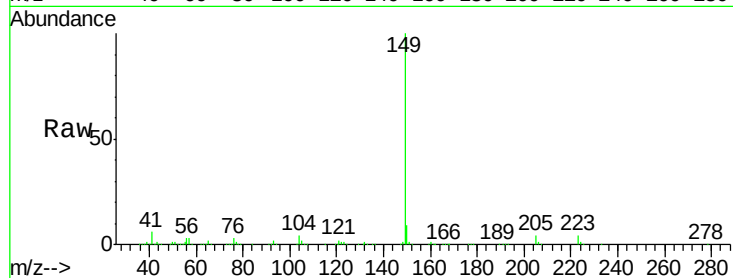
#73
Di-n-butylphthalate
Concen: 31.49 ng
RT: 11.86 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	9.0	7.6	11.4
104	4.1	3.8	5.6

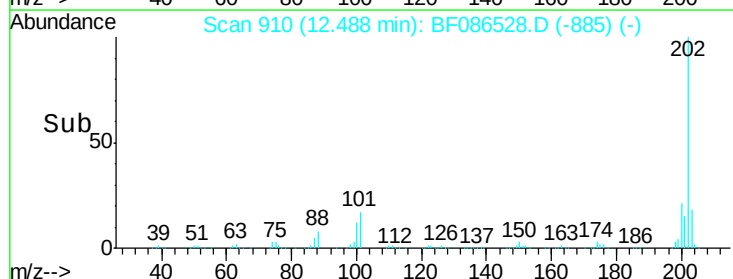
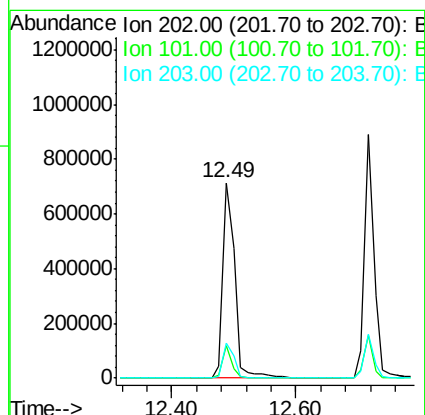
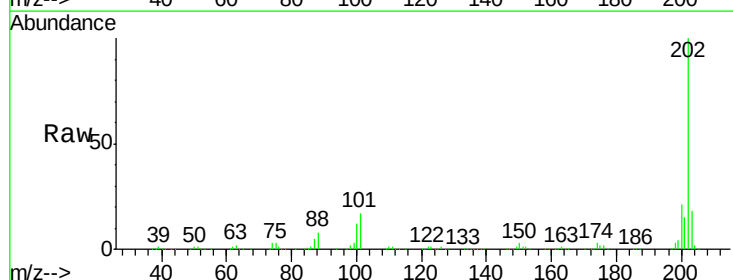
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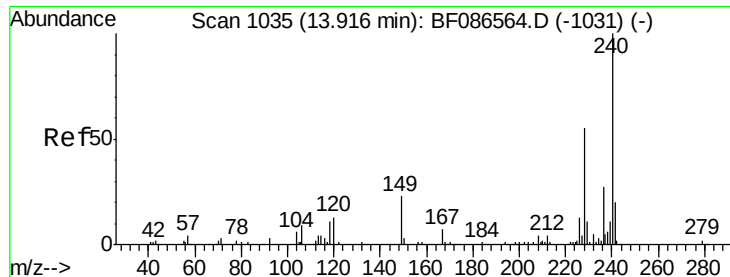
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#74
Fluoranthene
Concen: 31.90 ng
RT: 12.49 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.6	0.0	35.4
203	17.9	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: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

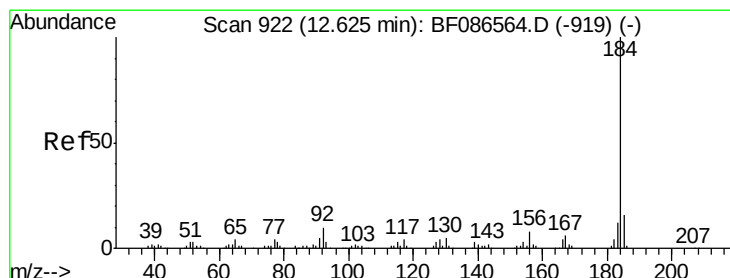
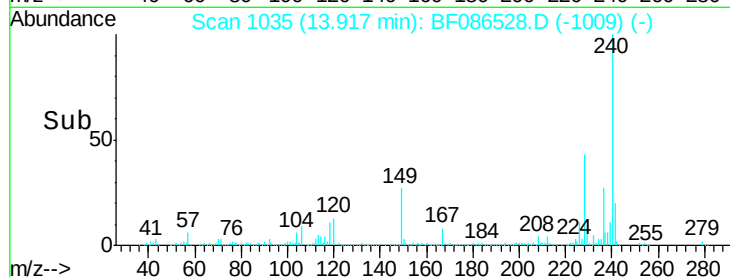
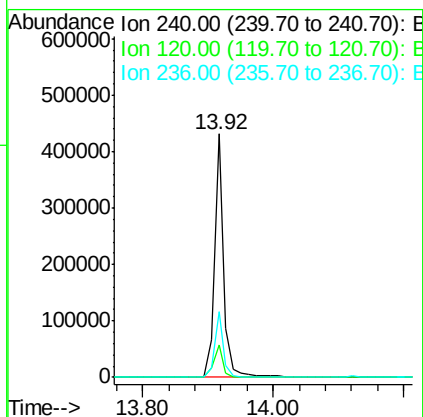
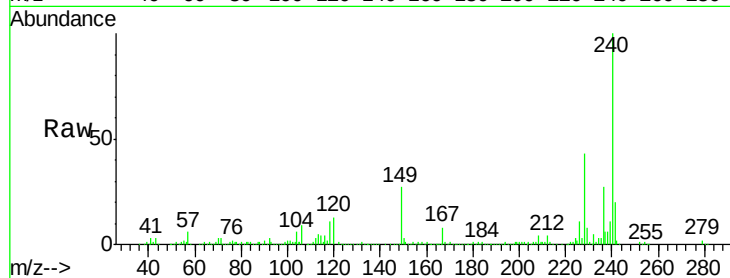
ClientSampleId :

PB90147BSD

Tgt Ion:	240	Resp:	434094
Ion Ratio	Lower	Upper	
240	100		
120	13.3	11.2	16.8
236	26.8	21.2	31.8

Manual Integrations
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#76

Benzidine

Concen: 13.09 ng

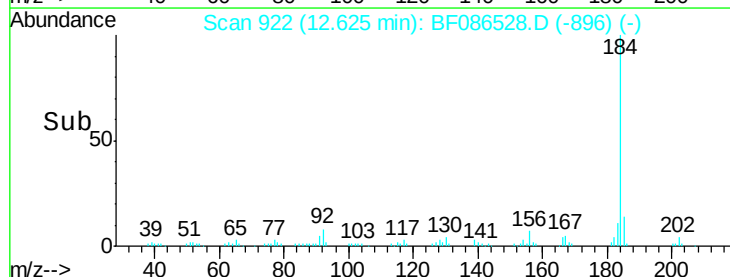
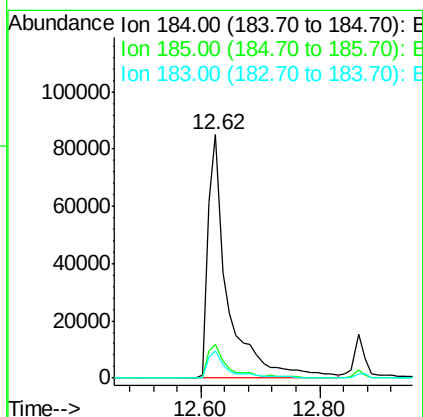
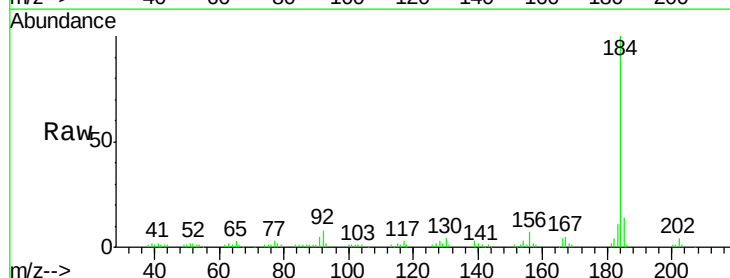
RT: 12.62 min Scan# 922

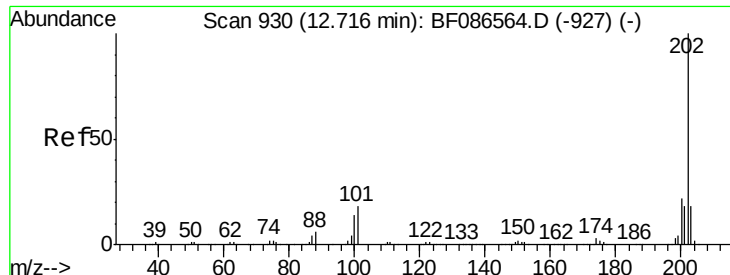
Delta R.T. 0.00 min

Lab File: BF086528.D

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Tgt Ion:	184	Resp:	195253
Ion Ratio	Lower	Upper	
184	100		
185	13.8	13.6	20.4
183	11.2	9.8	14.6





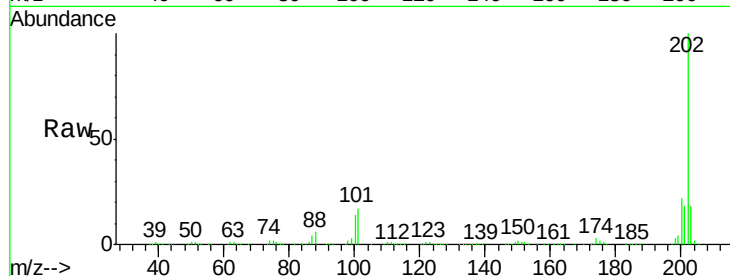
#77
Pyrene
 Concen: 29.80 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
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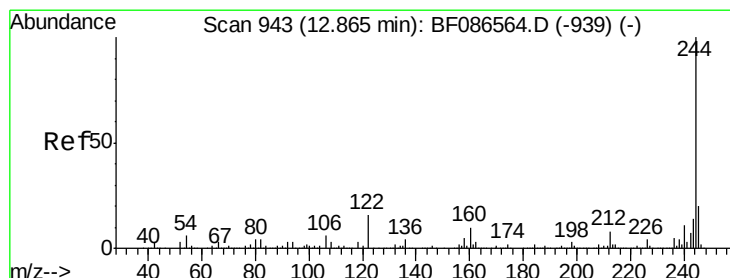
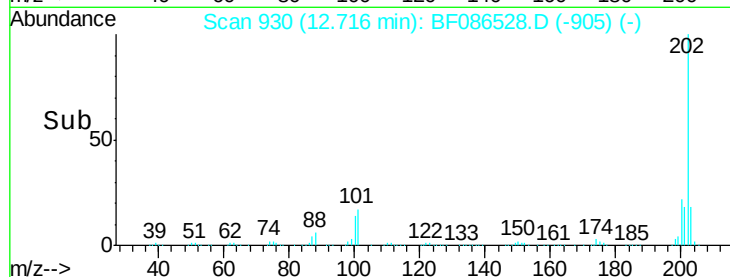
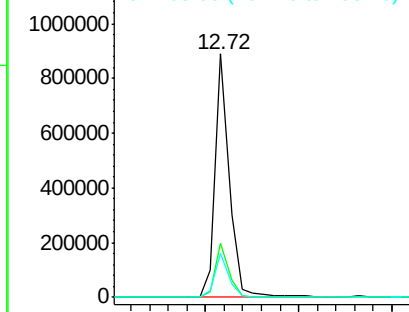
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	932023		
200	22.4	17.7	26.5	
203	18.1	14.2	21.4	

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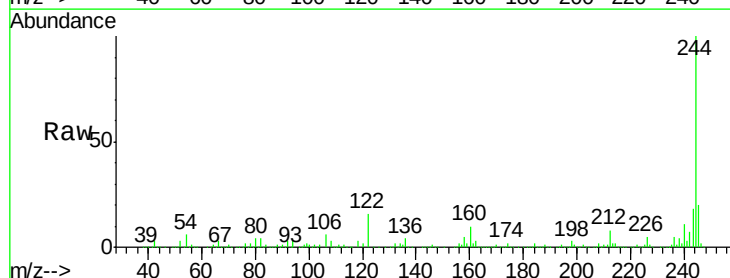


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

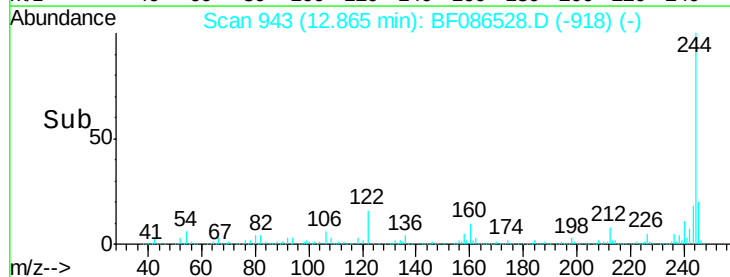
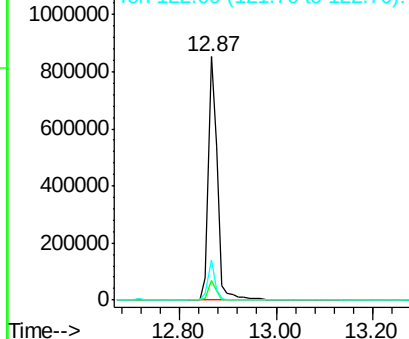


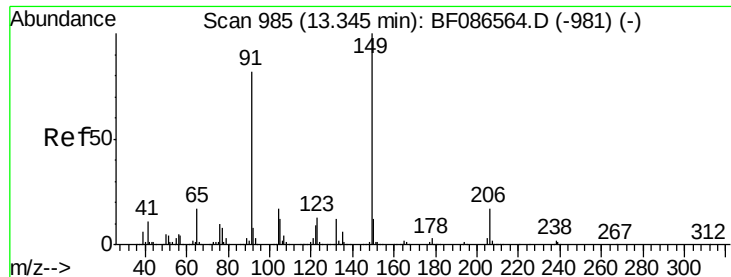
#78
Terphenyl-d14
 Concen: 56.62 ng
 RT: 12.87 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1115654		
212	7.9	6.2	9.2	
122	16.3	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: 30.77 ng

RT: 13.35 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

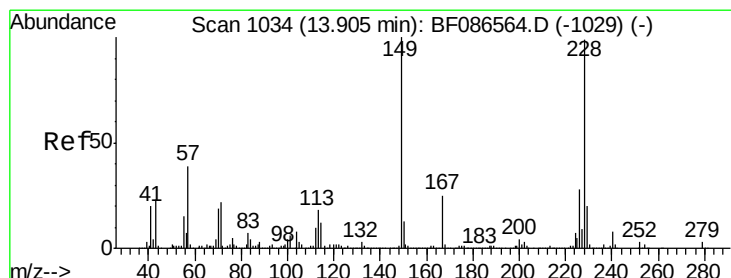
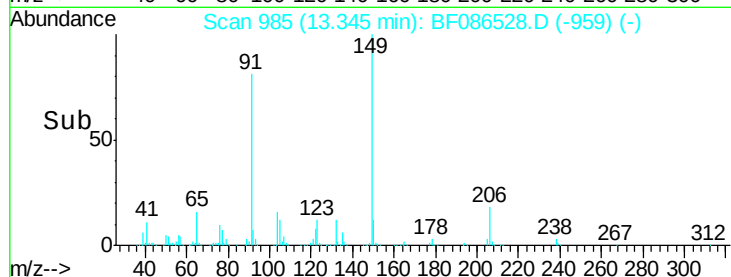
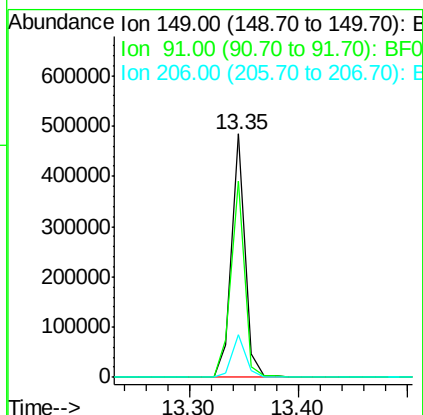
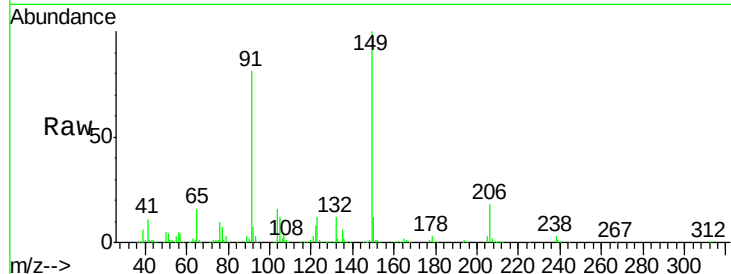
ClientSampleId :

PB90147BSD

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Tgt Ion:	149	Resp:	416799
Ion Ratio	Lower	Upper	
149	100		
91	80.7	48.0	72.0#
206	17.7	15.8	23.6



#80

Benzo(a)anthracene

Concen: 32.53 ng

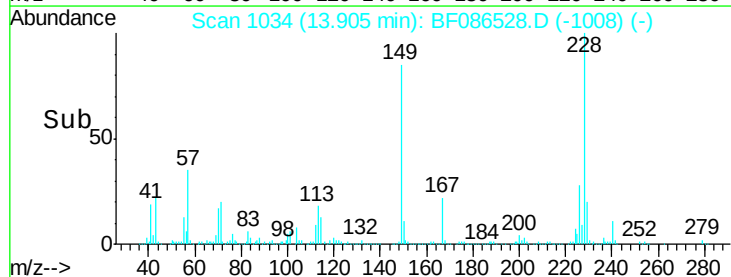
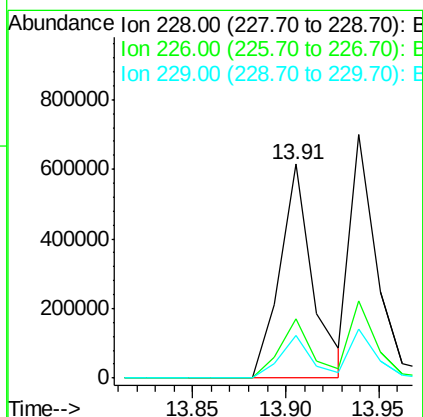
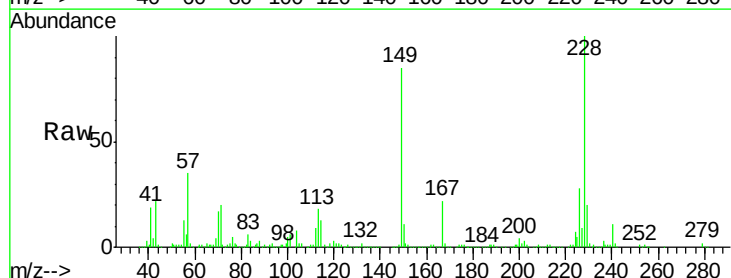
RT: 13.91 min Scan# 1034

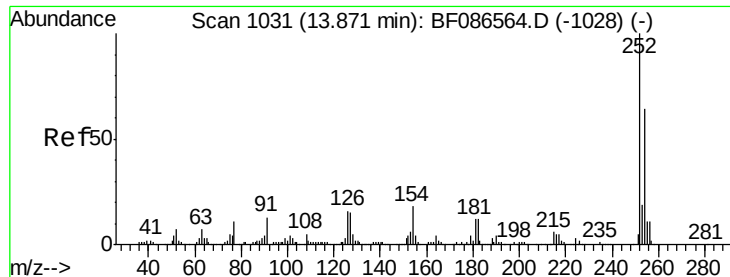
Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

Tgt Ion:	228	Resp:	752949
Ion Ratio	Lower	Upper	
228	100		
226	28.0	22.5	33.7
229	20.1	16.6	25.0





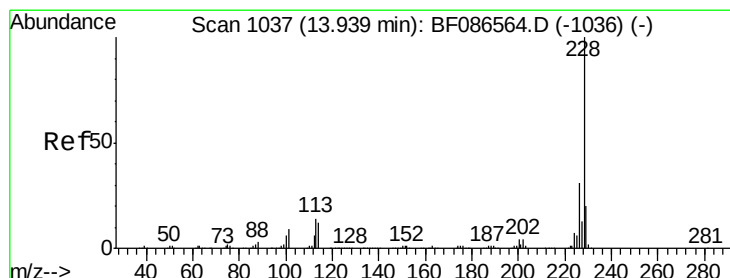
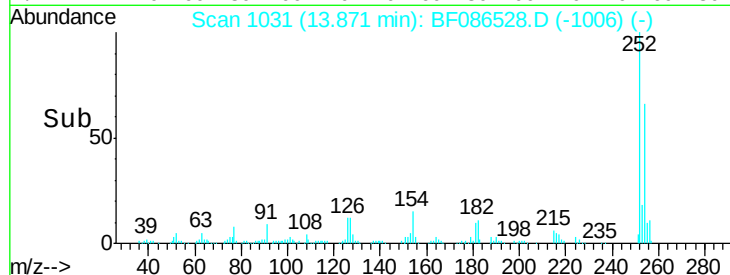
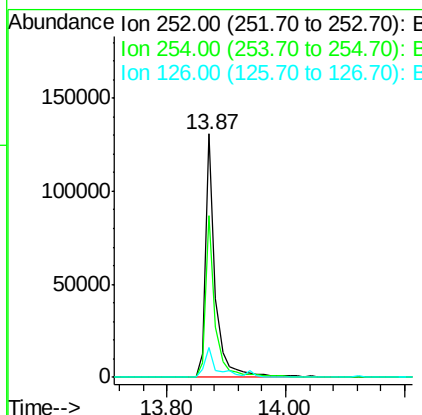
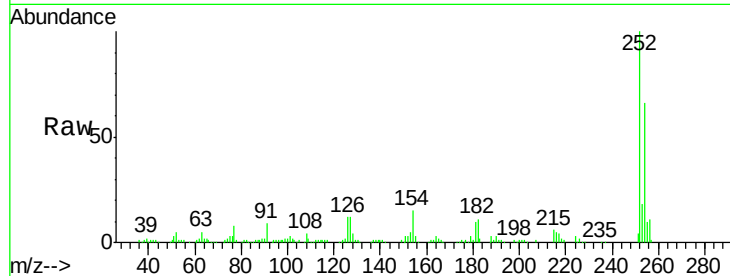
#81
 3,3'-Dichlorobenzidine
 Concen: 9.93 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	153684		
254	66.3	50.7	76.1	
126	12.4	12.7	19.1	

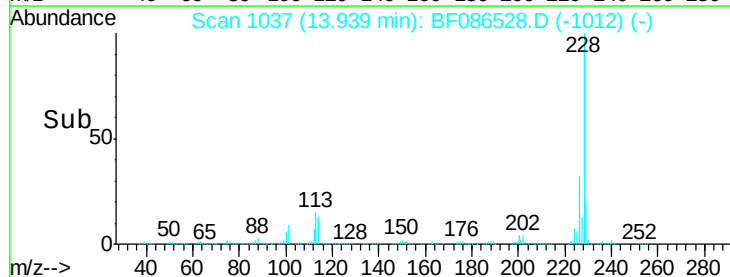
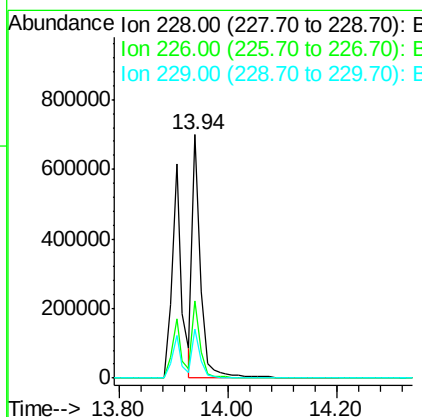
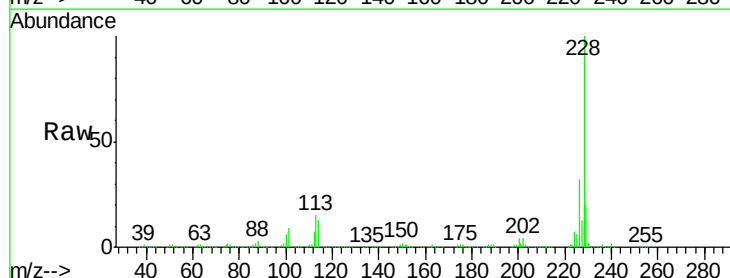
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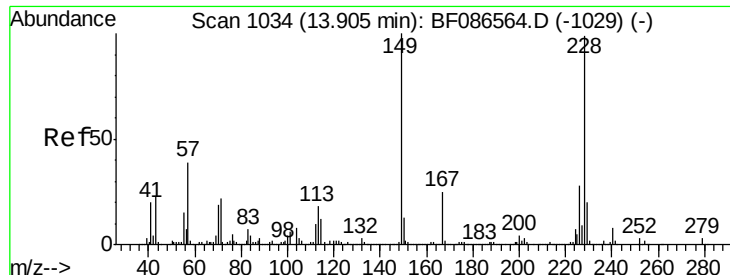
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#82
 Chrysene
 Concen: 29.51 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	742369		
226	31.7	24.4	36.6	
229	20.1	15.8	23.8	





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.67 ng

RT: 13.91 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF086528.D

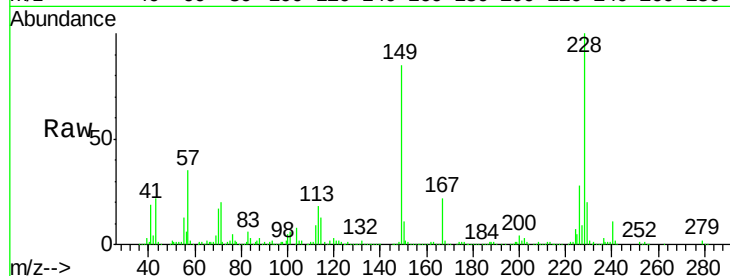
Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

PB90147BSD



Tgt Ion:149 Resp: 482040

Ion Ratio Lower Upper

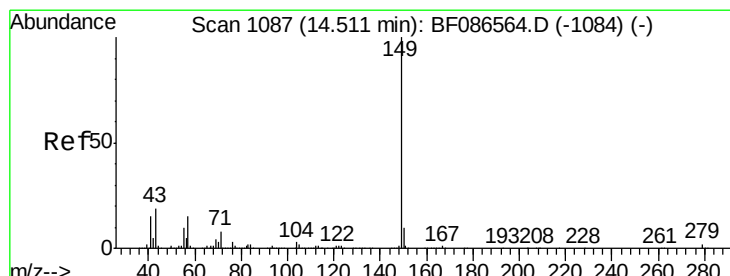
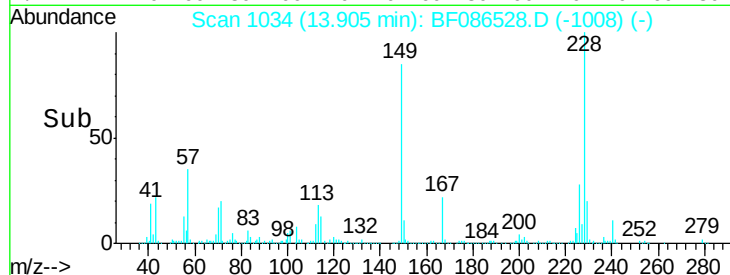
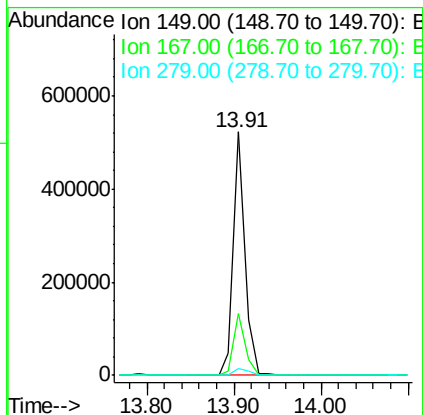
149 100

167 25.3 21.8 32.6

279 2.6 2.6 4.0#

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#84

Di-n-octyl phthalate

Concen: 29.01 ng

RT: 14.51 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

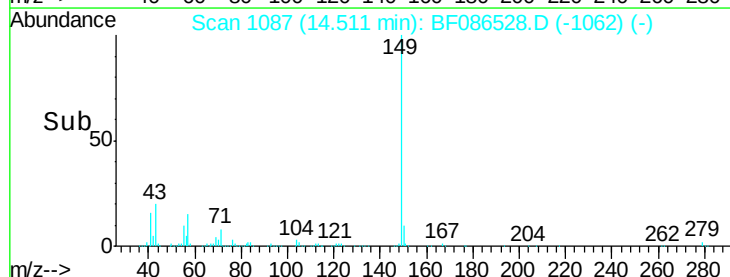
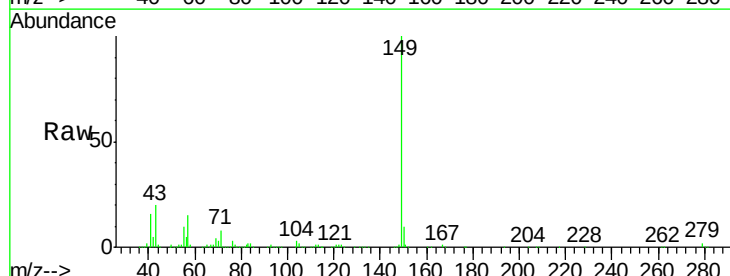
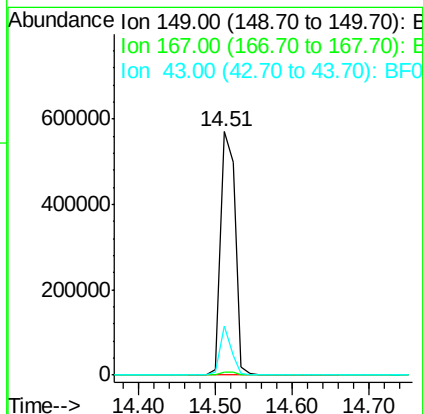
Tgt Ion:149 Resp: 764044

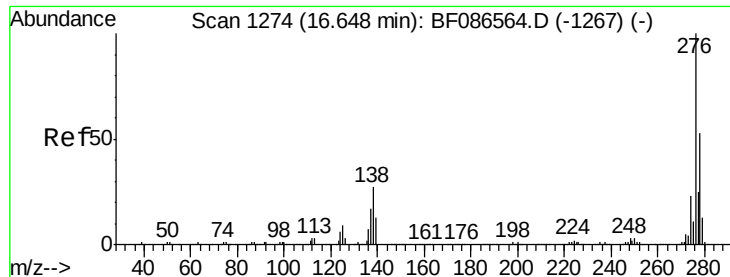
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 15.1 8.2 12.4#





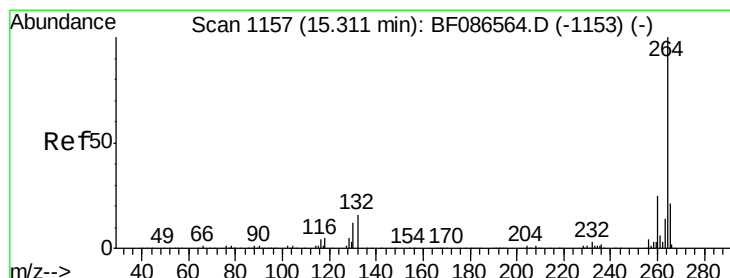
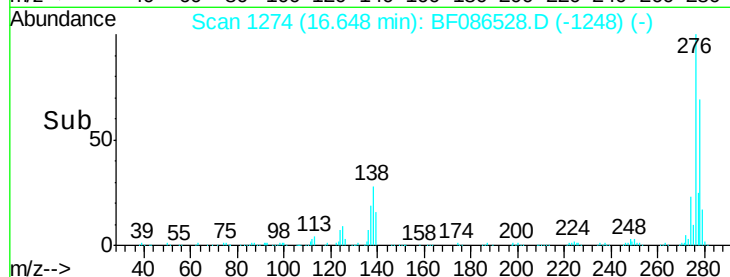
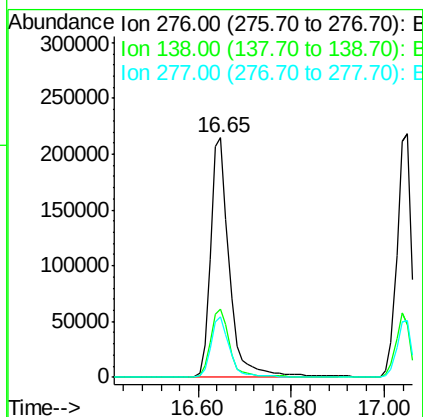
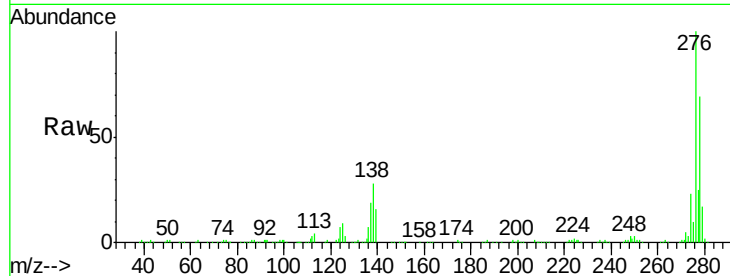
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.50 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:	276	Resp:	605884
Ion Ratio	Lower	Upper	
276	100		
138	29.3	25.6	38.4
277	25.3	20.5	30.7

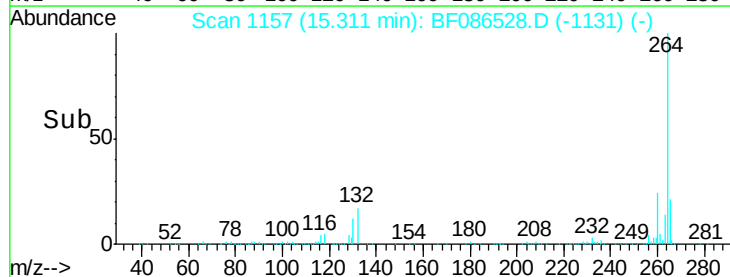
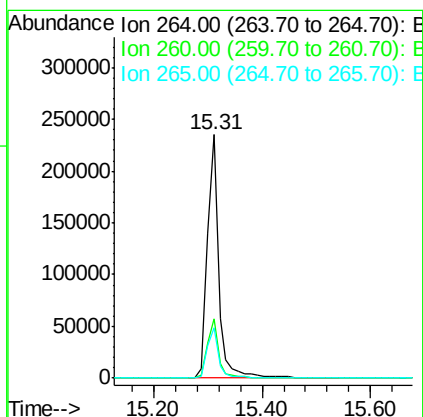
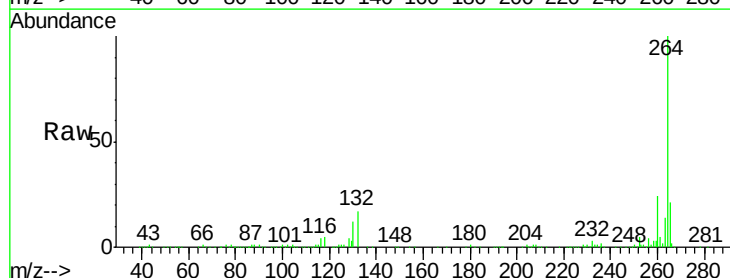
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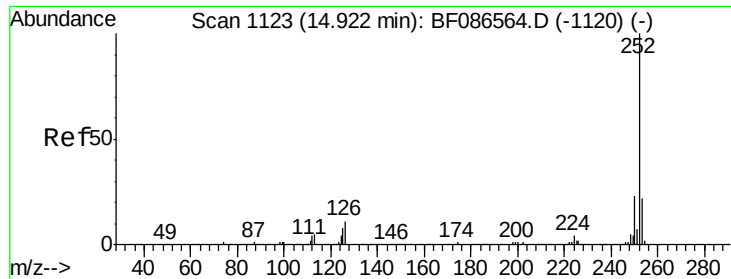
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. 0.00 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Tgt Ion:	264	Resp:	343826
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.5	29.3
265	20.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 36.80 ng m

RT: 14.92 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF086528.D

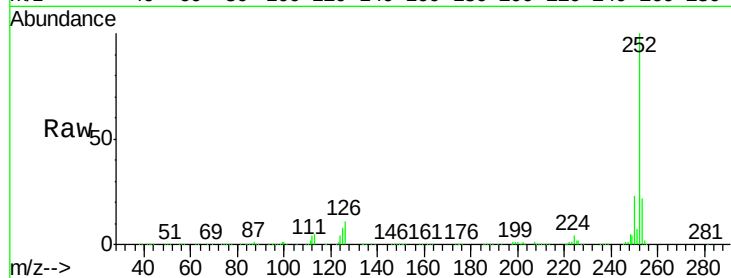
Acq: 30 Apr 2016 17:21

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 252 Resp: 744443

Ion Ratio Lower Upper

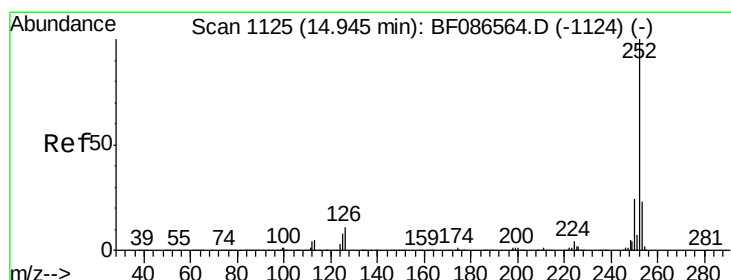
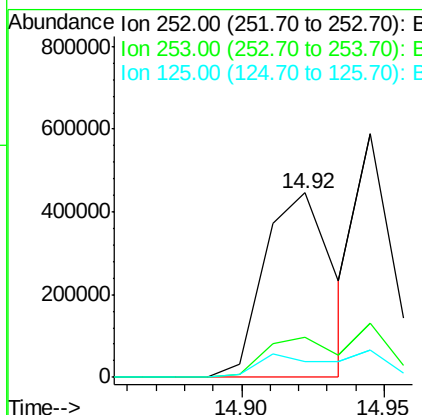
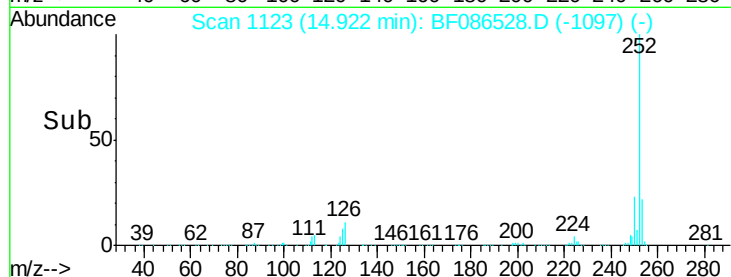
252 100

253 22.1 17.8 26.6

125 8.3 11.4 17.0

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#88

Benzo(k)fluoranthene

Concen: 28.28 ng m

RT: 14.95 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF086528.D

Acq: 30 Apr 2016 17:21

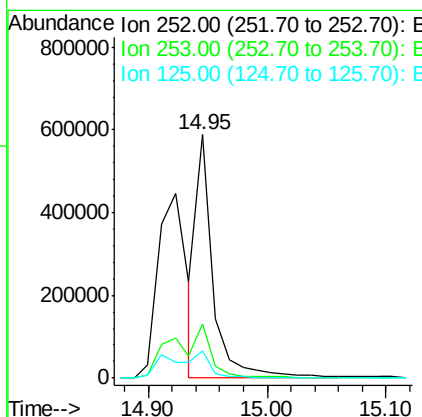
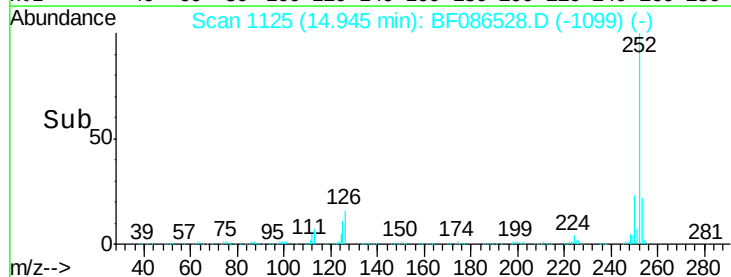
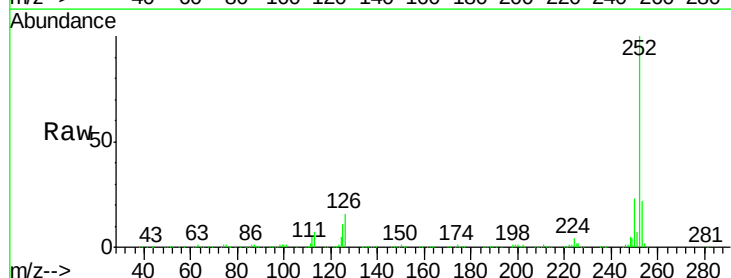
Tgt Ion: 252 Resp: 596750

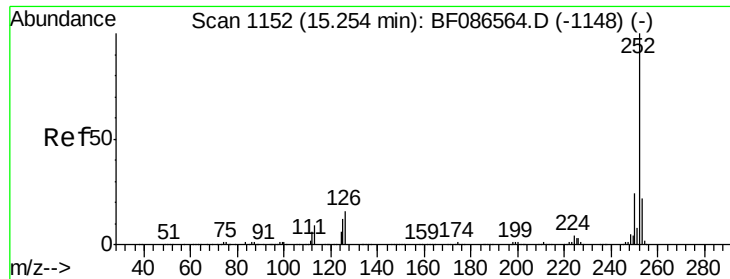
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 11.0 9.1 13.7





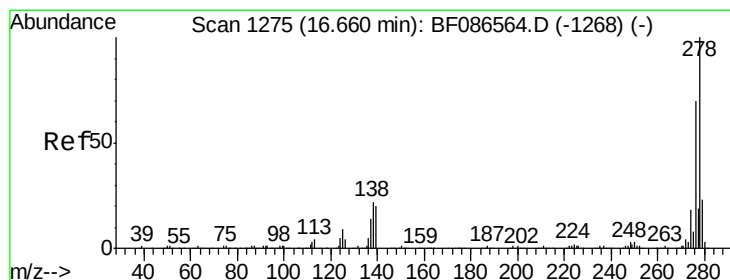
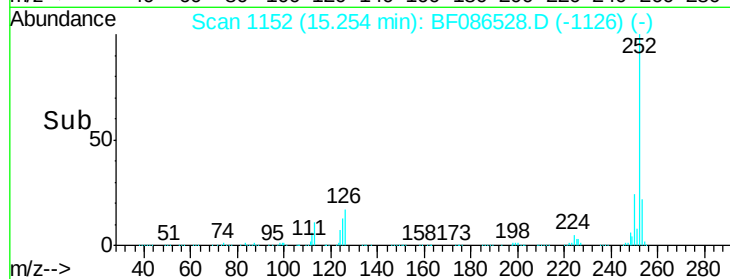
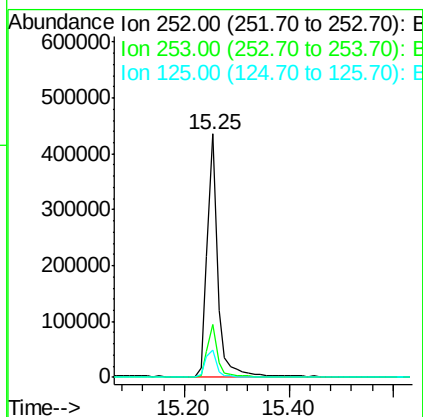
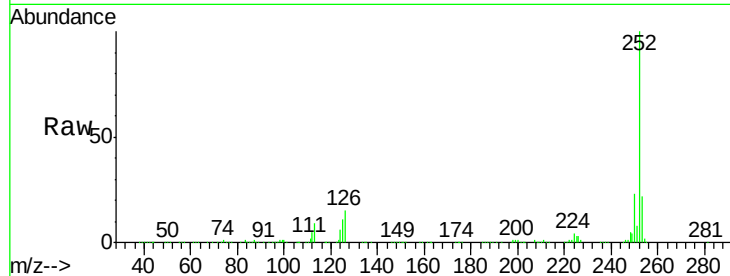
#89
Benzo(a)pyrene
Concen: 31.95 ng
RT: 15.25 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Instrument :
BNA_F
ClientSampleId :
PB90147BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.2	9.0	13.6

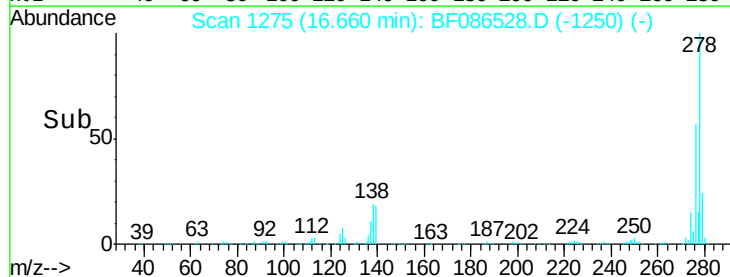
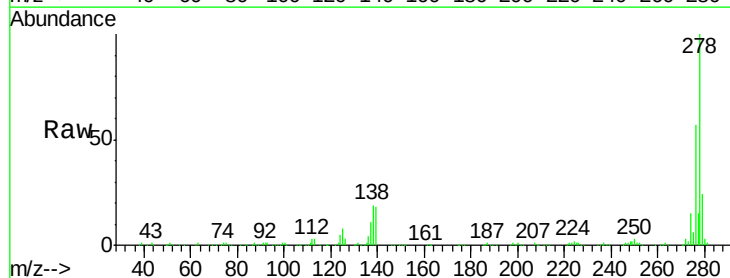
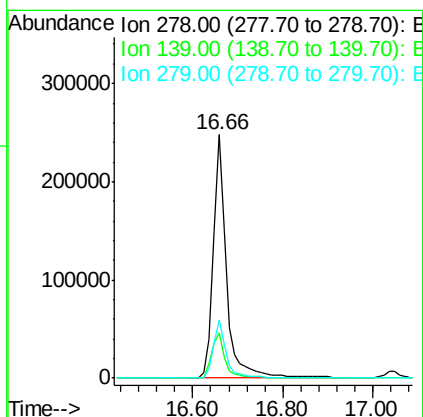
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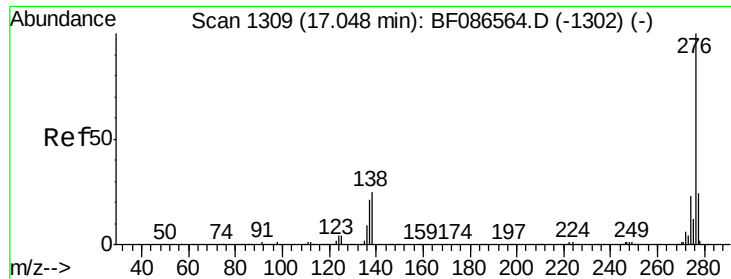
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#90
Dibenzo(a,h)anthracene
Concen: 32.80 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086528.D
Acq: 30 Apr 2016 17:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.4	16.6	24.8
279	23.7	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 32.62 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086528.D
 Acq: 30 Apr 2016 17:21

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BSD

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
277	23.5	19.6	29.4
138	21.9	23.6	35.4

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