

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086527.D
 Acq On : 30 Apr 2016 16:52
 Operator : UM/SJ
 Sample : PB90147BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

Manual Integrations
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Quant Time: May 01 04:15:08 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	135484	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	586144	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	283208	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	538882	20.00	ng	0.00
75) Chrysene-d12	13.92	240	420092	20.00	ng	0.00
86) Perylene-d12	15.31	264	326344	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	658054	83.78	ng	0.01
7) Phenol-d6	6.41	99	854989	77.99	ng	0.00
23) Nitrobenzene-d5	7.33	82	765978	70.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	223450	74.82	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	1326080	81.13	ng	-0.01
78) Terphenyl-d14	12.88	244	1301197	68.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	131525	31.88	ng	# 80
3) Pyridine	3.07	79	352493	36.10	ng	# 76
4) n-Nitrosodimethylamine	3.01	42	217524	39.08	ng	# 58
6) Aniline	6.43	93	191959	14.47	ng	93
8) 2-Chlorophenol	6.54	128	353151	36.10	ng	# 80
9) Benzaldehyde	6.30	77	47578	7.46	ng	90
10) Phenol	6.42	94	475646	38.89	ng	84
11) bis(2-Chloroethyl)ether	6.51	93	364832	34.50	ng	98
12) 1,3-Dichlorobenzene	6.70	146	364069m	34.60	ng	
13) 1,4-Dichlorobenzene	6.78	146	378020	34.82	ng	95
14) 1,2-Dichlorobenzene	6.93	146	343930	34.54	ng	96
15) Benzyl Alcohol	6.91	79	285741	41.20	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.05	45	722243	34.13	ng	90
17) 2-Methylphenol	7.04	107	307486	38.89	ng	95
18) Hexachloroethane	7.28	117	135426	33.38	ng	98
19) n-Nitroso-di-n-propylamine	7.18	70	256928	35.46	ng	# 72
20) 3+4-Methylphenols	7.18	107	358412	39.70	ng	98
22) Acetophenone	7.18	105	496571	38.64	ng	# 90
24) Nitrobenzene	7.36	77	404883	36.19	ng	90
25) Isophorone	7.60	82	741506	35.43	ng	98
26) 2-Nitrophenol	7.68	139	187669	36.44	ng	94
27) 2,4-Dimethylphenol	7.72	122	323187	35.76	ng	98
28) bis(2-Chloroethoxy)methane	7.81	93	449380	39.41	ng	99
29) 2,4-Dichlorophenol	7.92	162	304646	39.95	ng	99
30) 1,2,4-Trichlorobenzene	8.00	180	307323	34.74	ng	96
31) Naphthalene	8.08	128	1064794	35.70	ng	99
32) Benzoic acid	7.84	122	161169	32.85	ng	85
33) 4-Chloroaniline	8.13	127	88338	7.91	ng	97
34) Hexachlorobutadiene	8.20	225	165820	33.44	ng	98
35) Caprolactam	8.50	113	102412m	40.26	ng	
36) 4-Chloro-3-methylphenol	8.61	107	337696	38.68	ng	90
37) 2-Methylnaphthalene	8.77	142	670501	38.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	273286	33.71	ng	98
40) Hexachlorocyclopentadiene	8.92	237	270864	67.24	ng	95

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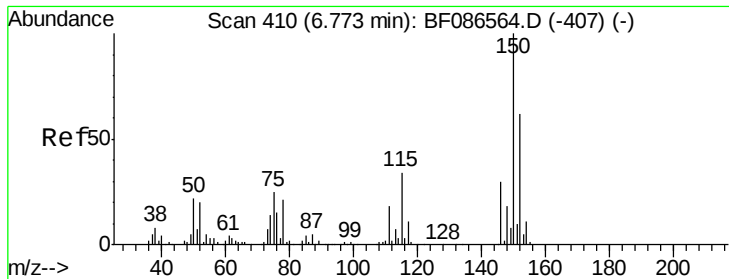
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	192371	37.54	ng	94
43) 2,4,5-Trichlorophenol	9.09	196	207038	37.07	ng #	91
45) 1,1'-Biphenyl	9.23	154	805500	34.03	ng	96
46) 2-Chloronaphthalene	9.25	162	615393	34.19	ng	94
47) 2-Nitroaniline	9.36	65	244001	42.27	ng	93
48) Acenaphthylene	9.66	152	962326	34.21	ng	99
49) Dimethylphthalate	9.54	163	788103	36.96	ng	100
50) 2,6-Dinitrotoluene	9.60	165	164773	37.41	ng	91
51) Acenaphthene	9.84	154	684809	37.90	ng	99
52) 3-Nitroaniline	9.77	138	67537	13.48	ng	98
53) 2,4-Dinitrophenol	9.87	184	156653	66.51	ng #	77
54) Dibenzofuran	10.01	168	879419	38.94	ng	94
55) 4-Nitrophenol	9.94	139	269738	82.24	ng	88
56) 2,4-Dinitrotoluene	10.00	165	210976	37.57	ng #	88
57) Fluorene	10.35	166	648846	33.09	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	184303	42.21	ng	97
59) Diethylphthalate	10.24	149	748726	37.10	ng	97
60) 4-Chlorophenyl-phenylether	10.35	204	319192	35.85	ng #	86
61) 4-Nitroaniline	10.37	138	176430	36.03	ng #	75
62) Azobenzene	10.51	77	891696	40.33	ng	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	122590	38.75	ng	89
65) n-Nitrosodiphenylamine	10.46	169	594452	35.30	ng	100
66) 4-Bromophenyl-phenylether	10.84	248	187618	33.79	ng #	77
67) Hexachlorobenzene	10.90	284	225224	35.04	ng #	82
68) Atrazine	11.00	200	198348	39.22	ng	96
69) Pentachlorophenol	11.09	266	227513	67.14	ng	98
70) Phenanthrene	11.31	178	1019784	36.06	ng	100
71) Anthracene	11.37	178	1119059	37.08	ng	99
72) Carbazole	11.52	167	1011029	37.80	ng	99
73) Di-n-butylphthalate	11.86	149	1143765	37.74	ng	99
74) Fluoranthene	12.49	202	1113097	38.99	ng	98
76) Benzidine	12.62	184	228319	15.82	ng	95
77) Pyrene	12.72	202	1075716	35.54	ng	100
79) Butylbenzylphthalate	13.34	149	467976	35.70	ng #	77
80) Benzo(a)anthracene	13.90	228	827115	36.93	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	169522	11.32	ng	97
82) Chrysene	13.94	228	836765	34.37	ng	100
83) Bis(2-ethylhexyl)phthalate	13.90	149	512531	31.49	ng #	96
84) Di-n-octyl phthalate	14.52	149	830268	32.58	ng #	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	701841	38.91	ng	97
87) Benzo(b)fluoranthene	14.92	252	772303m	40.23	ng	
88) Benzo(k)fluoranthene	14.95	252	685458m	34.23	ng	
89) Benzo(a)pyrene	15.25	252	673036	37.13	ng	98
90) Dibenzo(a,h)anthracene	16.66	278	587868	39.63	ng	98
91) Benzo(g,h,i)perylene	17.05	276	592402	39.85	ng	93

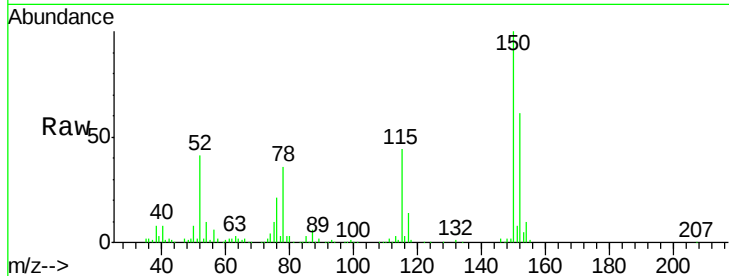
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

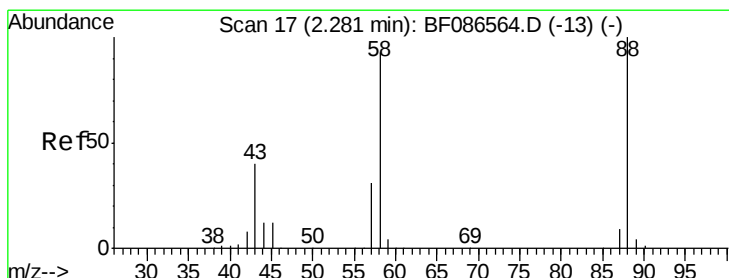
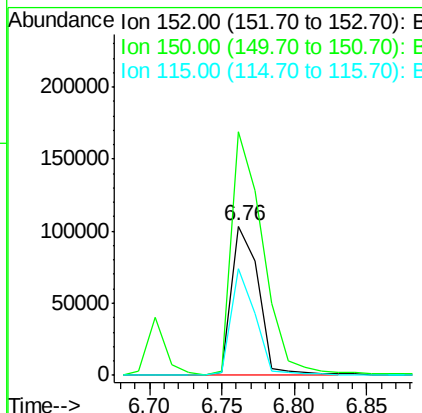
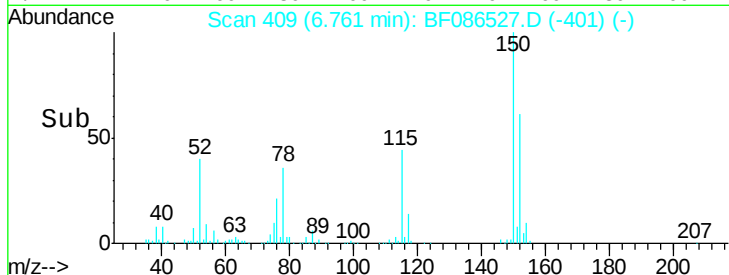
Instrument :
BNA_F
ClientSampleId :
PB90147BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	163.0	125.8	188.6
115	71.7	51.5	77.3

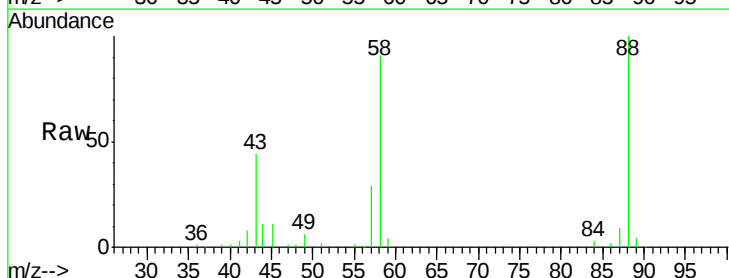
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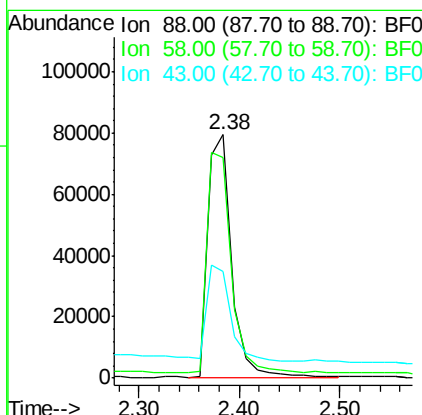
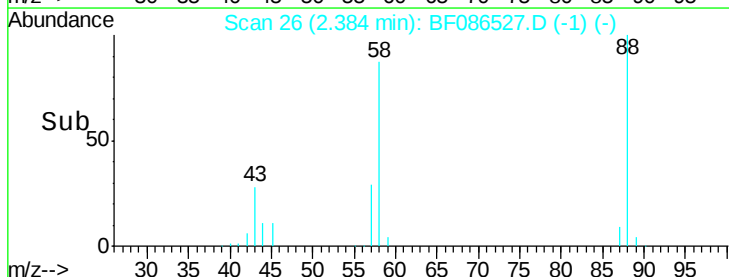


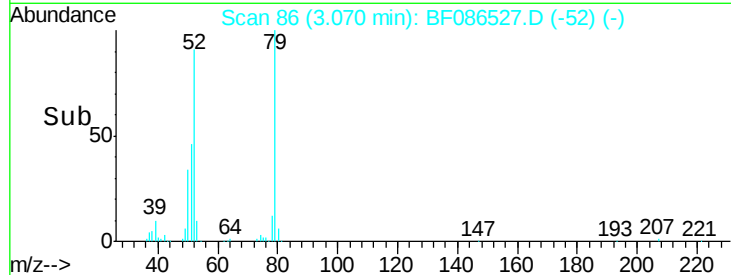
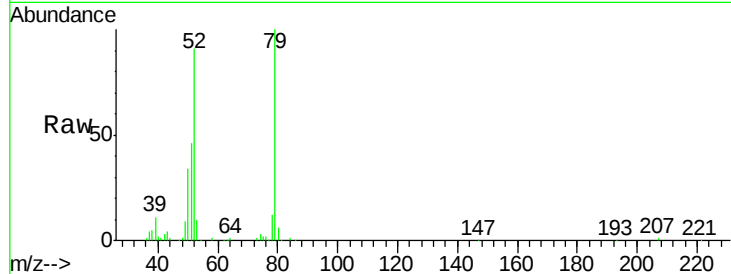
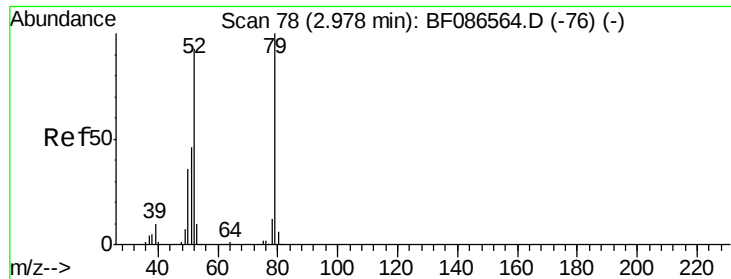
#2

1,4-Dioxane
Concen: 31.88 ng
RT: 2.38 min Scan# 26
Delta R.T. 0.09 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52



Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.4	59.6	89.4#
43	38.6	21.8	32.6#





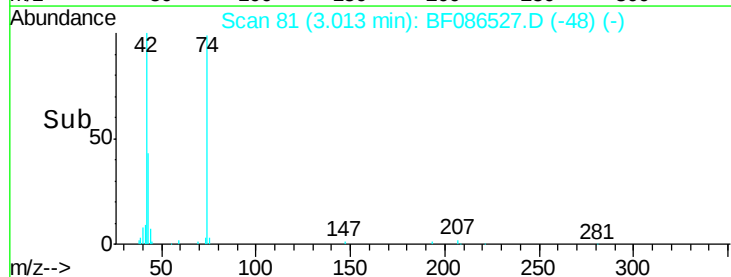
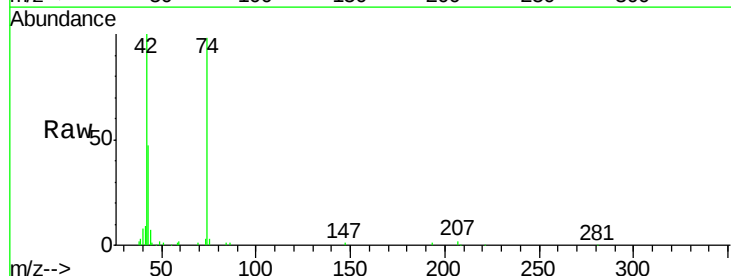
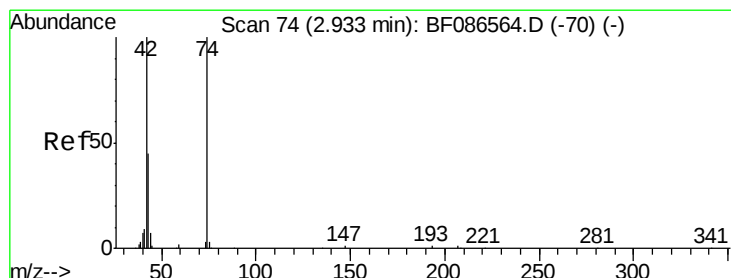
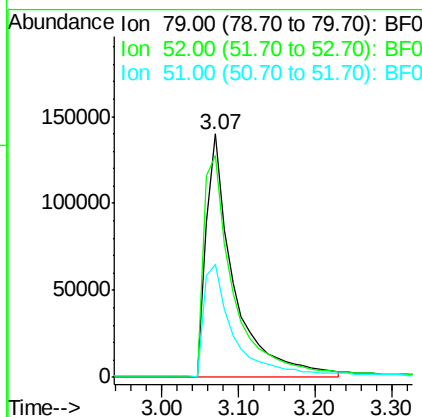
#3
 Pyridine
 Concen: 36.10 ng
 RT: 3.07 min Scan# 86
 Delta R.T. 0.09 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	352493		
52	91.1	55.9	83.9#	
51	46.4	28.1	42.1#	

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

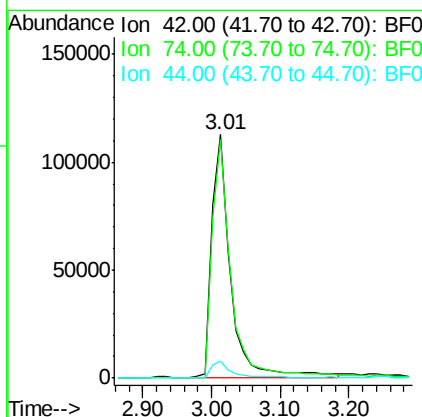
Manual Integrations
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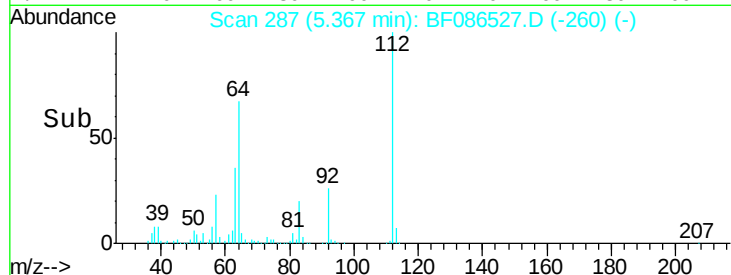
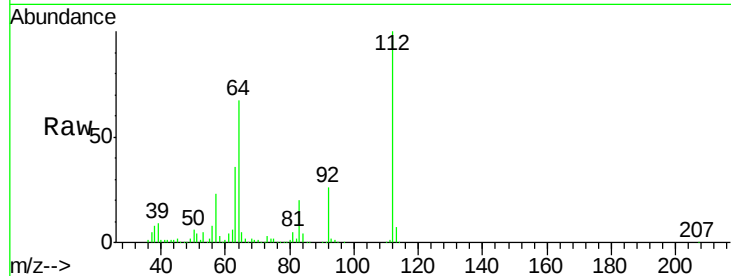
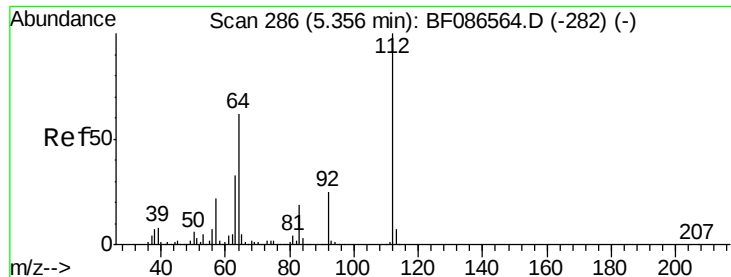
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#4
 n-Nitrosodimethylamine
 Concen: 39.08 ng
 RT: 3.01 min Scan# 81
 Delta R.T. 0.08 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	217524		
74	98.2	123.4	185.0#	
44	6.9	5.8	8.6	





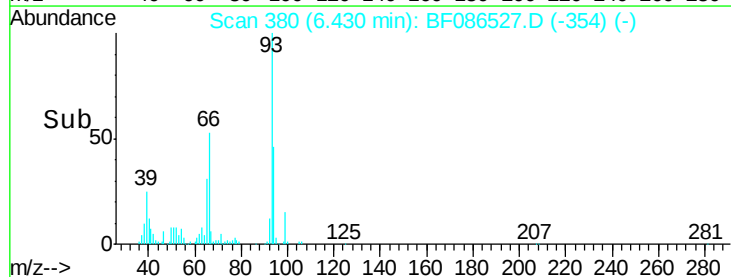
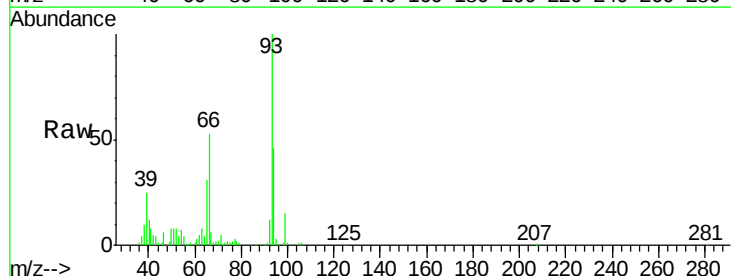
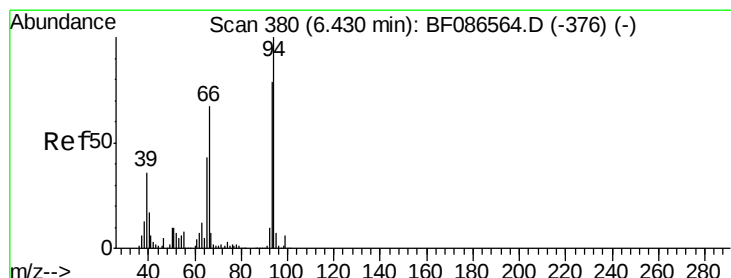
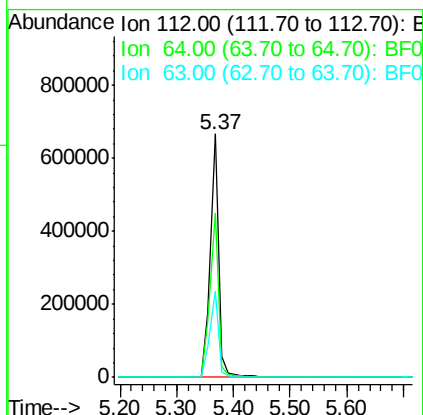
#5
2-Fluorophenol
Concen: 83.78 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion:	112	Resp:	658054
Ion Ratio	Lower	Upper	
112	100		
64	67.2	52.1	78.1
63	35.5	25.7	38.5

Instrument :
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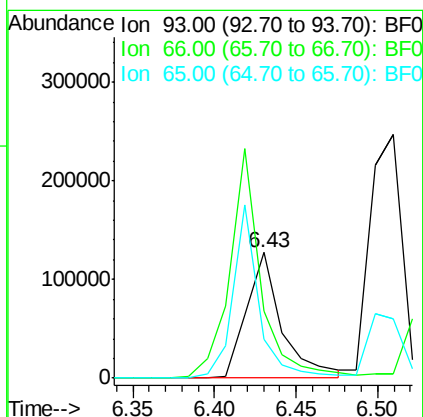
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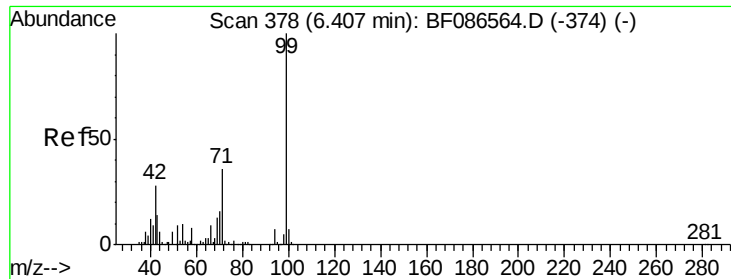
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#6
Aniline
Concen: 14.47 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion:	93	Resp:	191959
Ion Ratio	Lower	Upper	
93	100		
66	52.9	39.0	58.6
65	30.7	20.6	31.0





#7

Phenol-d6

Concen: 77.99 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

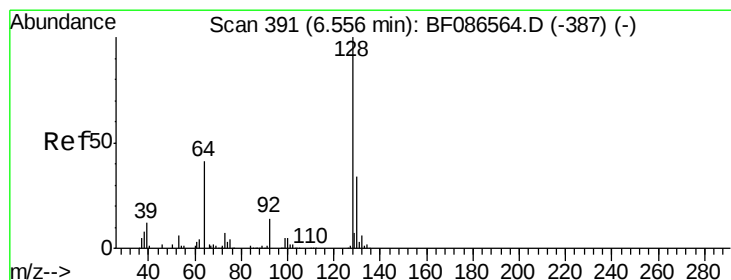
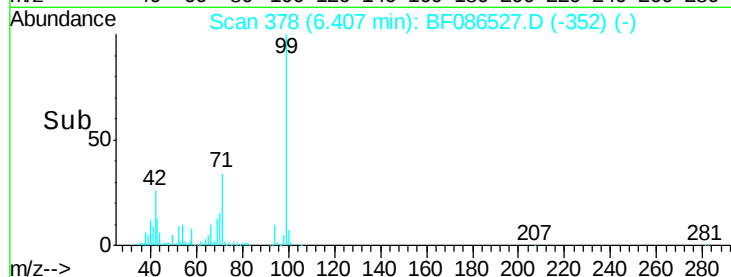
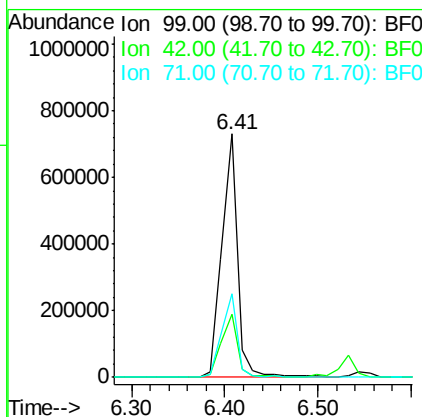
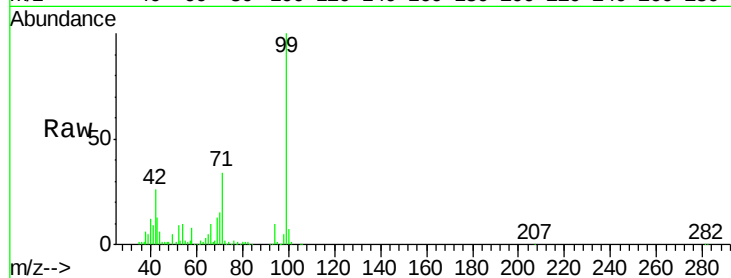
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
99	100	854989		
42	25.7	13.6	20.4#	
71	34.3	24.6	36.8	



#8

2-Chlorophenol

Concen: 36.10 ng

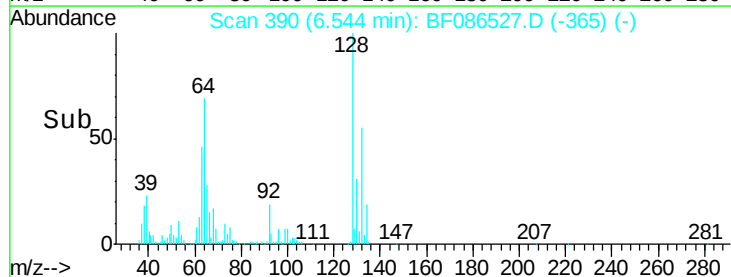
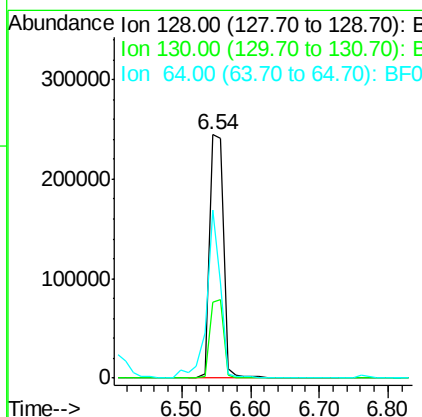
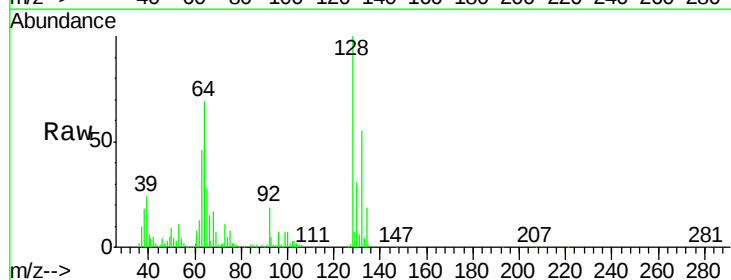
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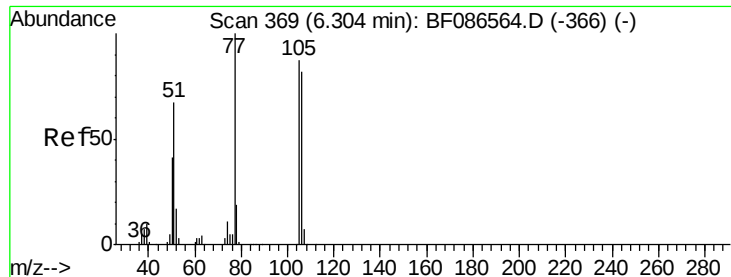
Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	353151		
130	31.2	12.5	52.5	
64	69.2	27.3	67.3#	





#9

Benzaldehyde

Concen: 7.46 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

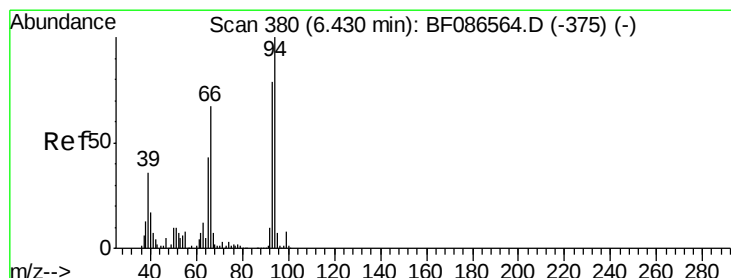
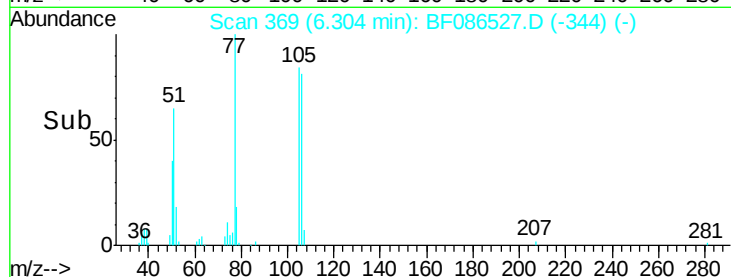
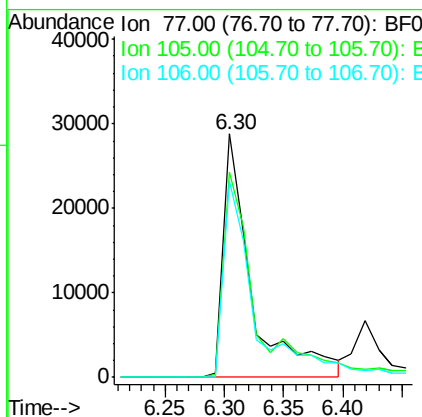
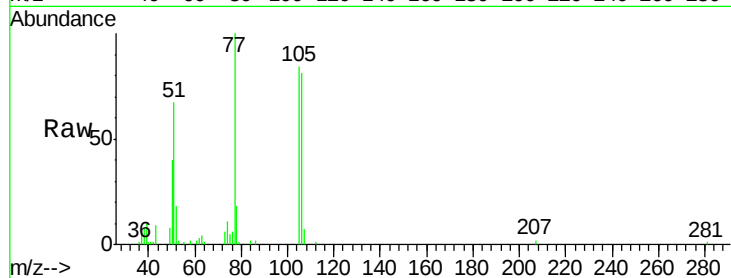
ClientSampleId :

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Tgt Ion:	77	Resp:	47578
Ion	Ratio	Lower	Upper
77	100		
105	84.3	72.7	112.7
106	80.8	70.8	110.8



#10

Phenol

Concen: 38.89 ng

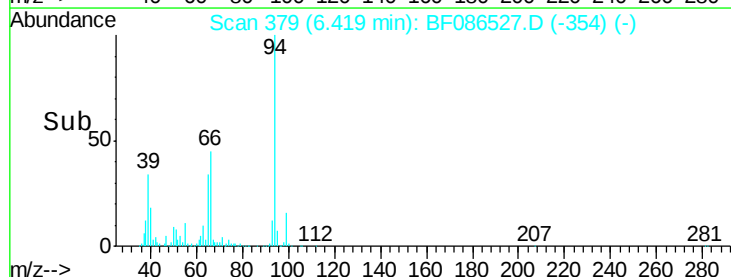
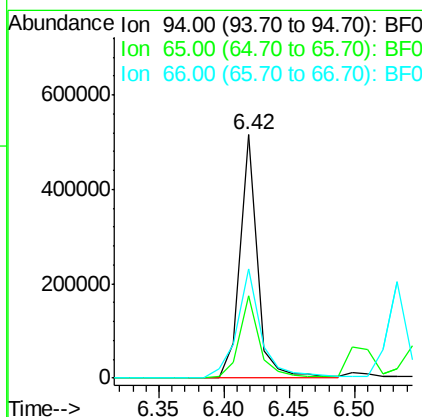
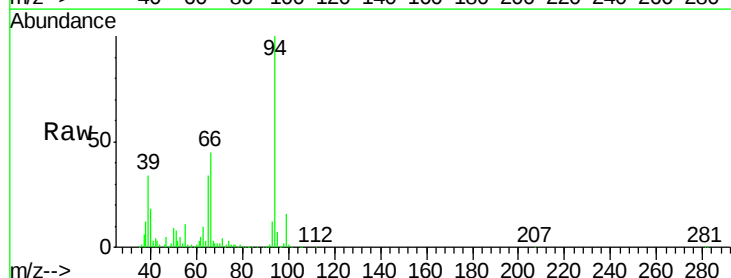
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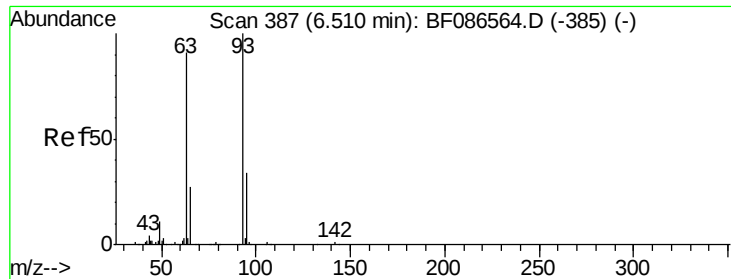
Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Tgt Ion:	94	Resp:	475646
Ion	Ratio	Lower	Upper
94	100		
65	34.1	7.2	47.2
66	45.0	14.9	54.9





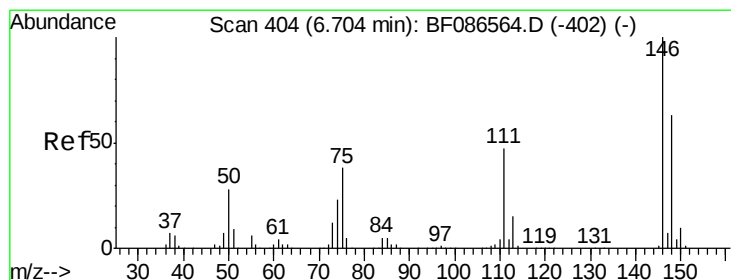
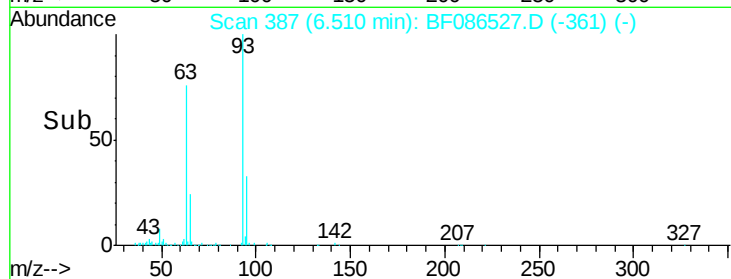
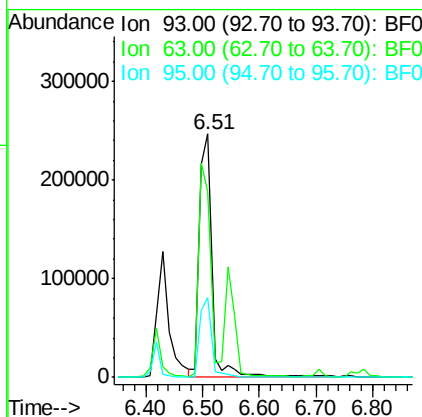
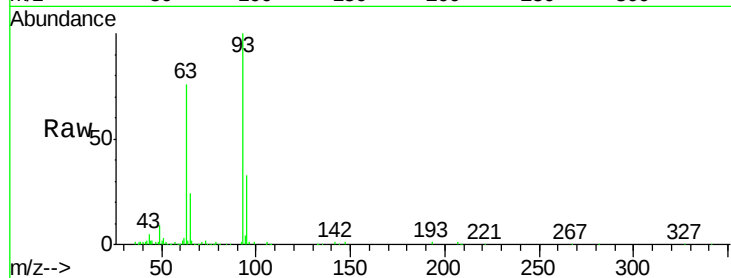
#11
bis(2-Chloroethyl)ether
Concen: 34.50 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB90147BS

Tgt Ion:	93	Resp:	364832
Ion	Ratio	Lower	Upper
93	100		
63	76.4	58.0	98.0
95	33.0	11.9	51.9

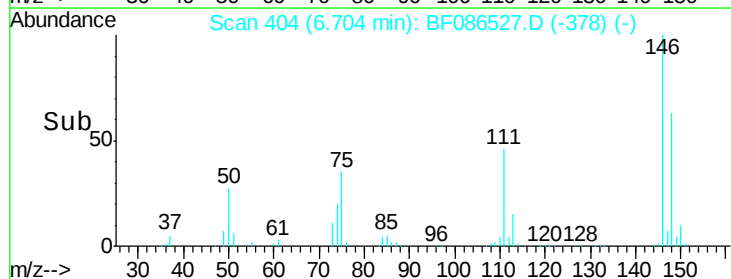
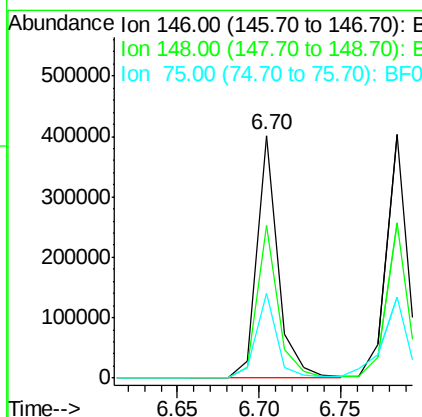
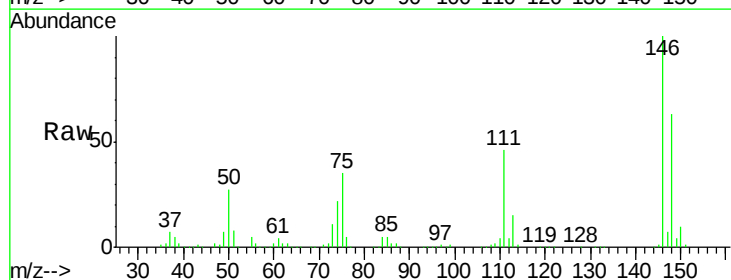
Manual Integrations
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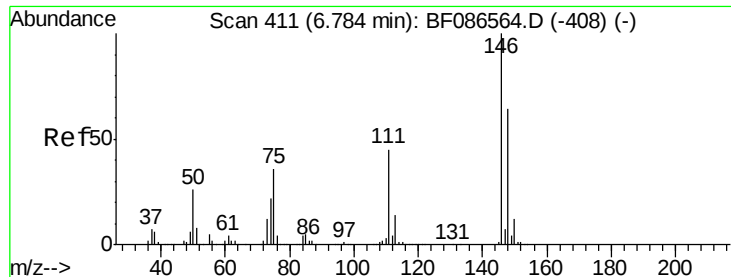
sohil
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#12
1,3-Dichlorobenzene
Concen: 34.60 ng m
RT: 6.70 min Scan# 404
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

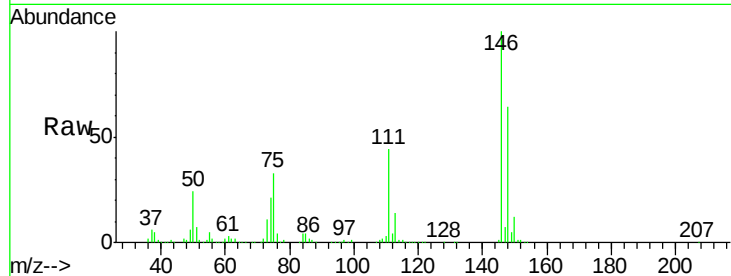
Tgt Ion:	146	Resp:	364069
Ion	Ratio	Lower	Upper
146	100		
148	62.9	52.4	78.6
75	35.2	22.8	34.2#





#13
 1,4-Dichlorobenzene
 Concen: 34.82 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

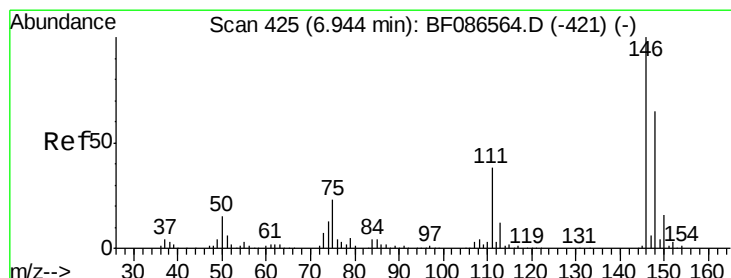
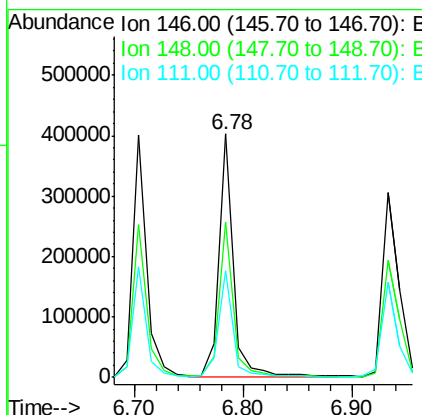
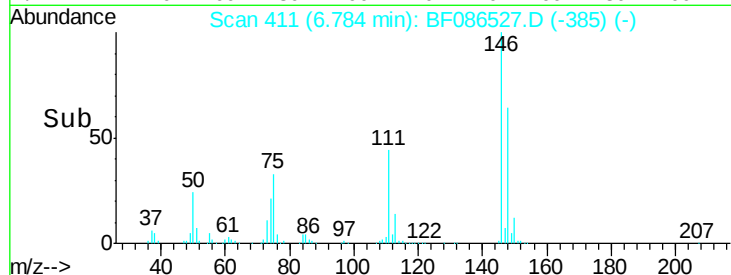
Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS



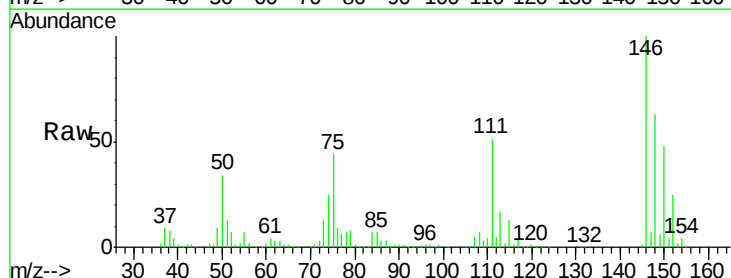
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.2	78.4
111	43.9	30.7	46.1

Manual Integrations
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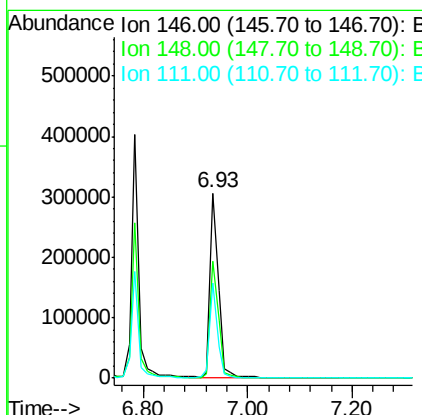
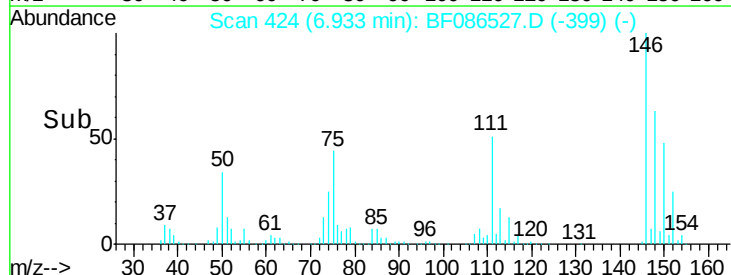
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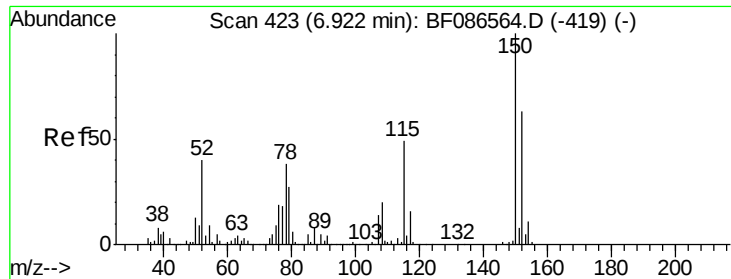


#14
 1,2-Dichlorobenzene
 Concen: 34.54 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52



Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.0	76.6
111	51.3	36.2	54.4





#15

Benzyl Alcohol

Concen: 41.20 ng

RT: 6.91 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

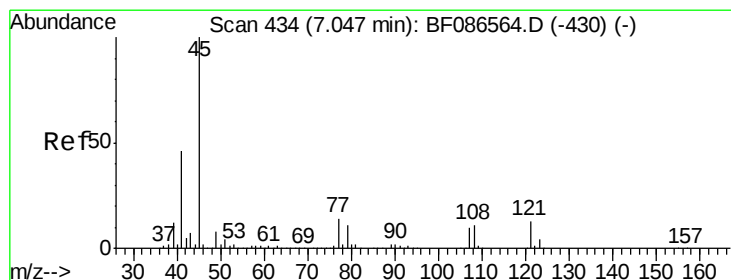
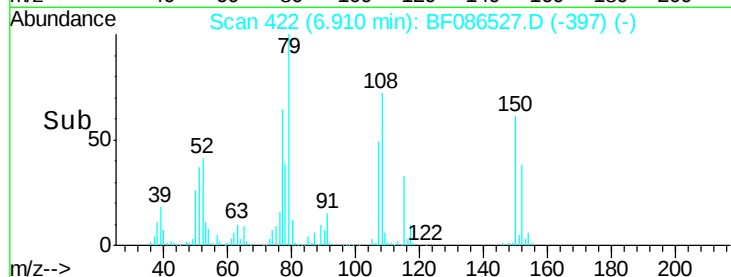
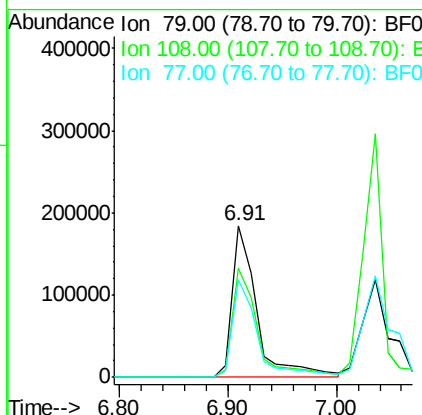
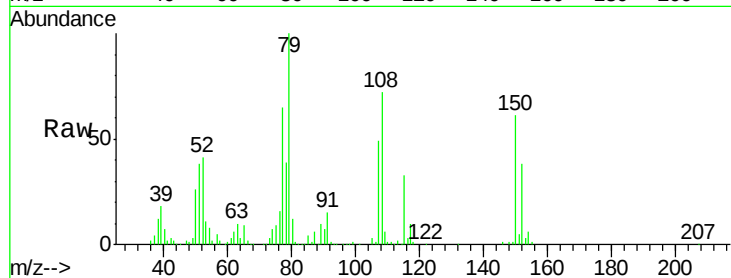
ClientSampleId :

PB90147BS

Tgt Ion:	79	Resp:	285741
Ion Ratio	Lower	Upper	
79	100		
108	71.7	68.4	102.6
77	64.6	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.13 ng

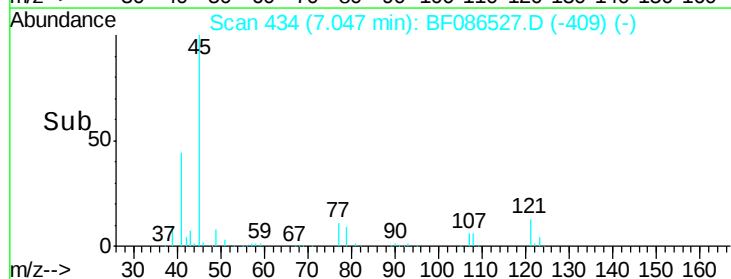
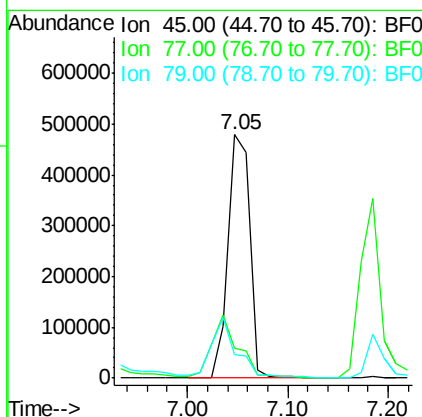
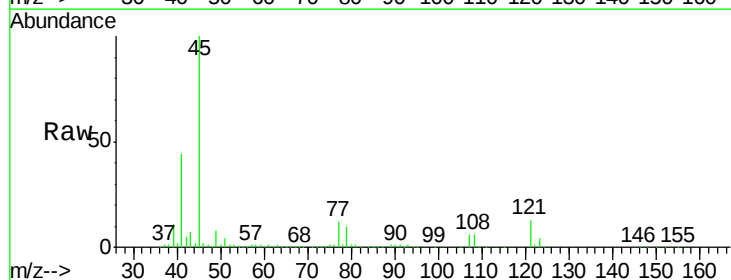
RT: 7.05 min Scan# 434

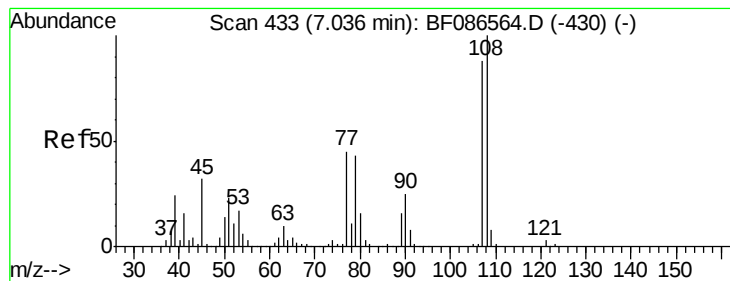
Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Tgt Ion:	45	Resp:	722243
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	36.4
79	9.7	0.0	33.4





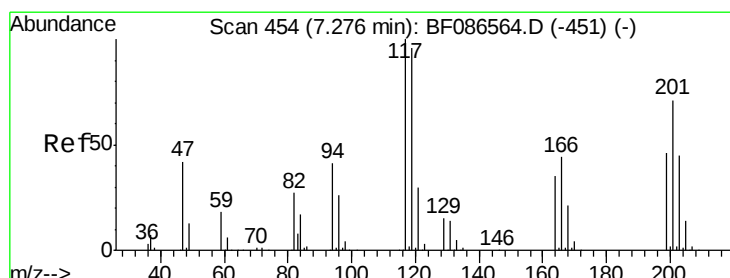
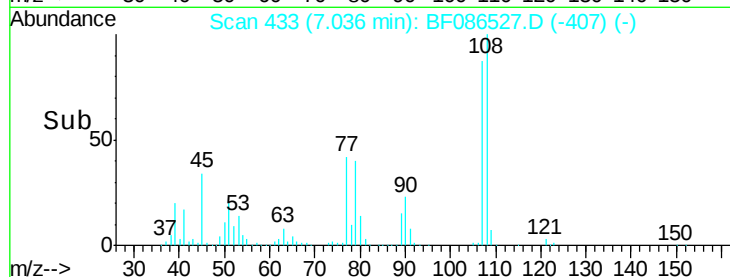
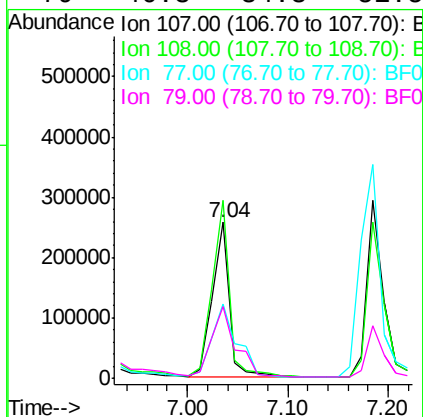
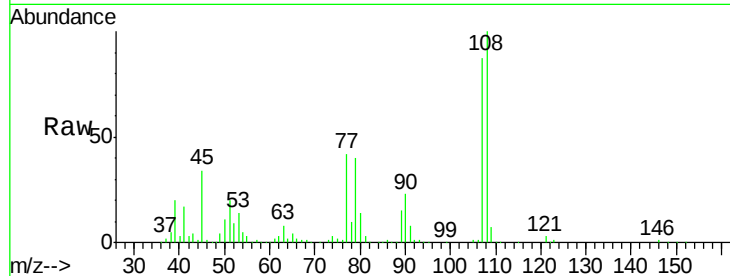
#17
2-Methylphenol
Concen: 38.89 ng
RT: 7.04 min Scan# 433
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB90147BS

Tgt Ion:	107	Resp:	307486
Ion Ratio	Lower	Upper	
107	100		
108	114.7	93.7	140.5
77	48.1	33.4	50.0
79	46.3	34.3	51.5

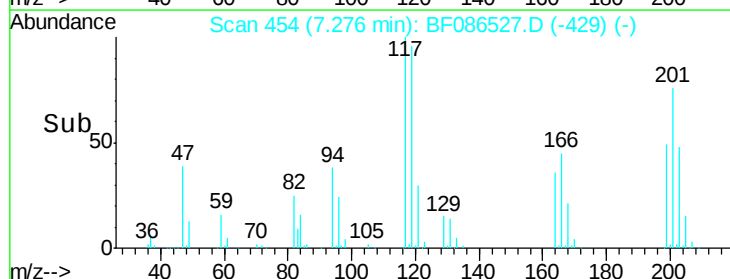
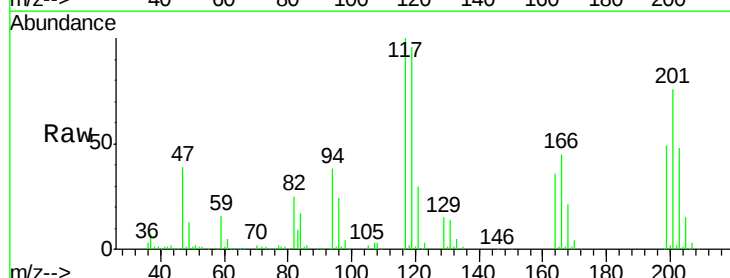
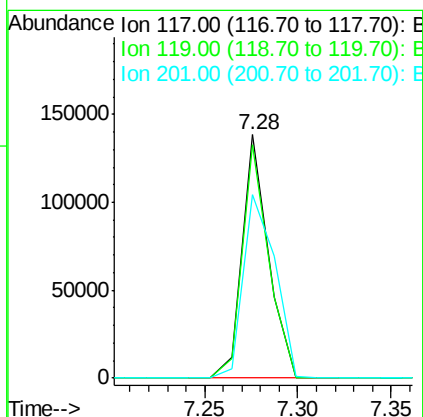
Manual Integrations
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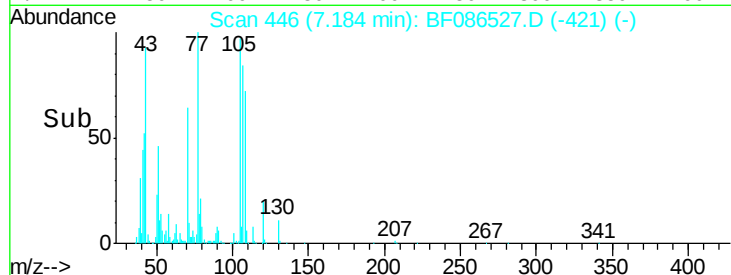
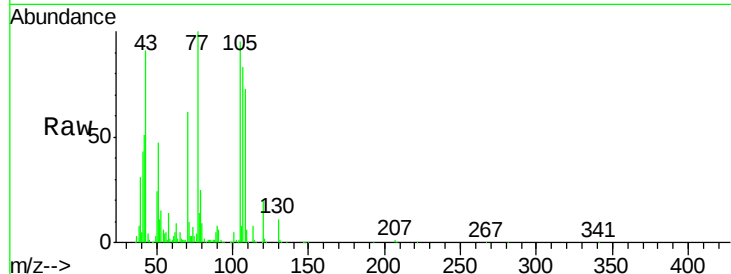
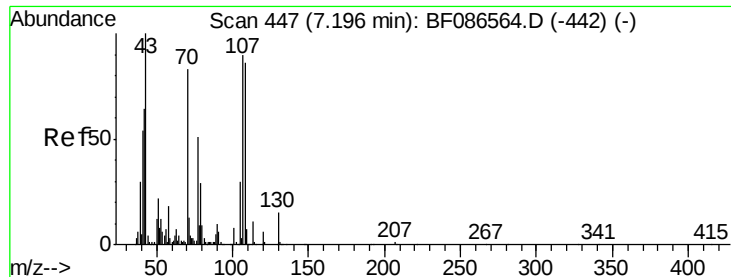
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#18
Hexachloroethane
Concen: 33.38 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion:	117	Resp:	135426
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.5	114.7
201	75.6	63.0	94.6





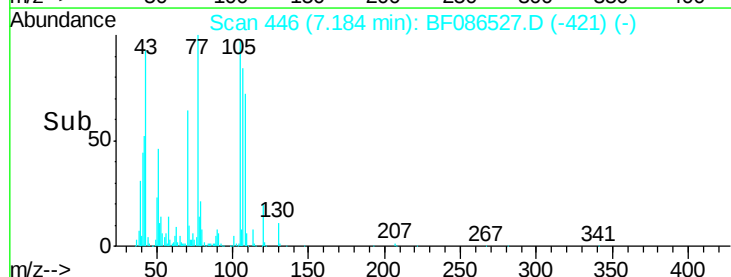
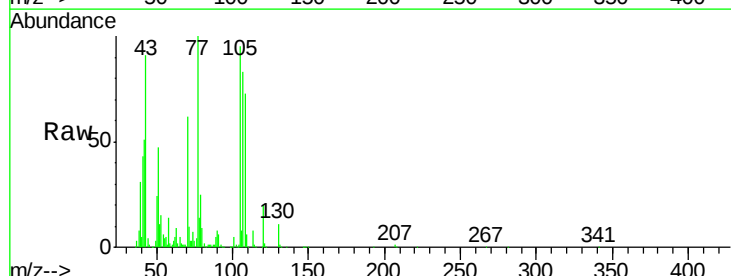
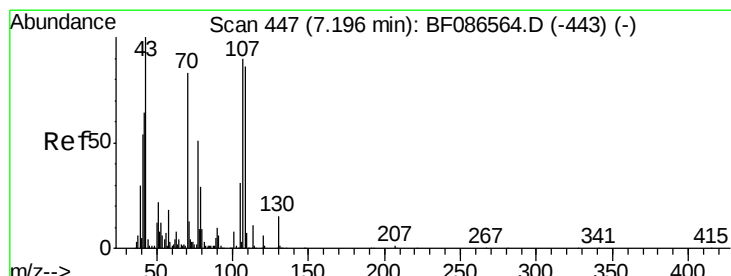
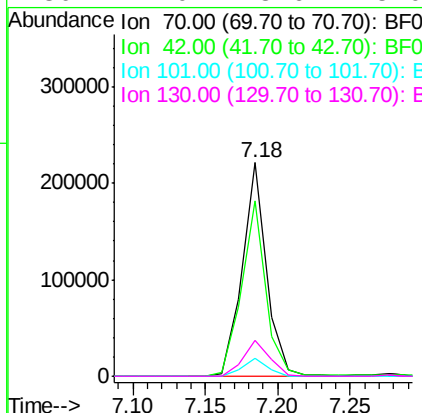
#19
n-Nitroso-di-n-propylamine
Concen: 35.46 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB90147BS

Manual Integrations
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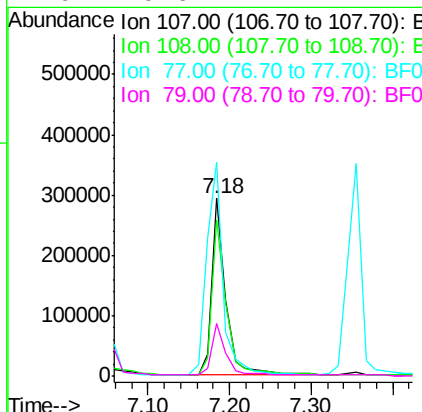
sohil
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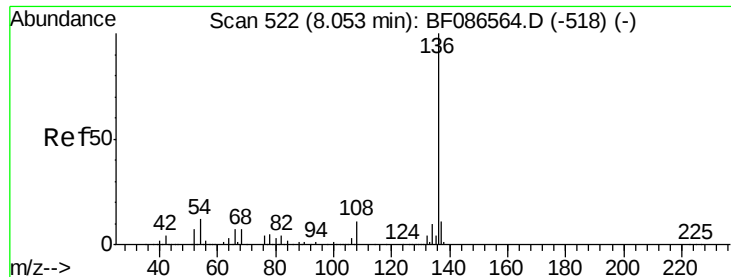
Tgt Ion	Ratio	Resp	Lower	Upper
70	100			
42	82.1	43.1	64.7#	
101	8.3	8.1	12.1	
130	17.0	18.6	28.0#	



#20
3+4-Methylphenols
Concen: 39.70 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	87.5	68.5	108.5	
77	120.0	101.6	141.6	
79	29.6	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: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

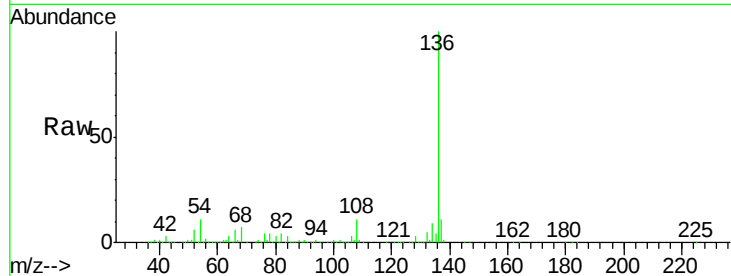
ClientSampleId :

PB90147BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	586144		
137	11.0	8.8	13.2	
54	11.5	5.0	7.4#	
68	7.3	4.4	6.6#	

Manual Integrations
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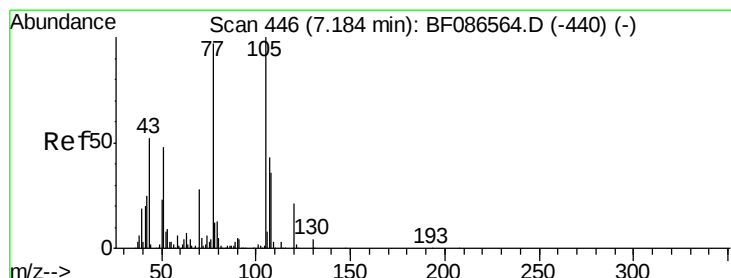
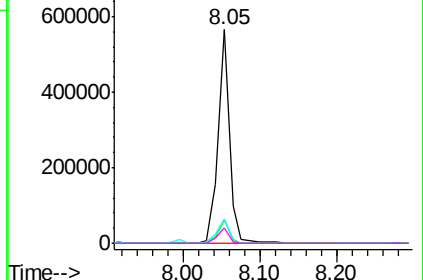
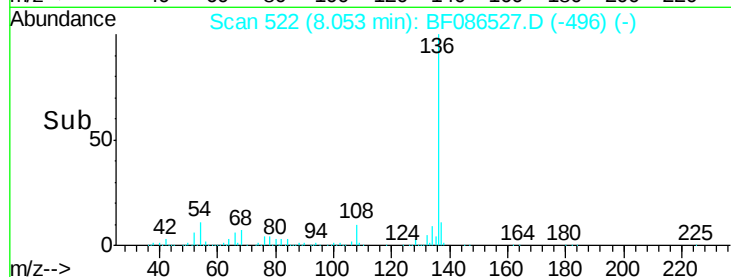


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.64 ng

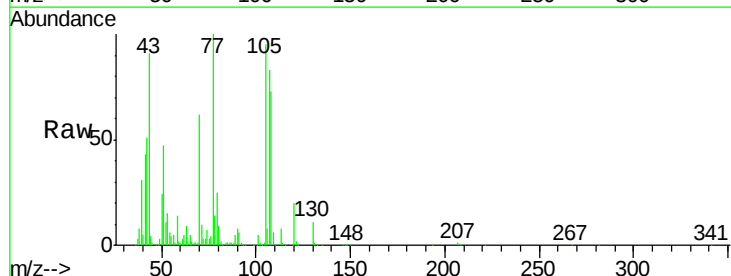
RT: 7.18 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	496571		
71	10.9	4.8	7.2#	
51	49.4	32.6	49.0#	
120	20.8	16.5	24.7	

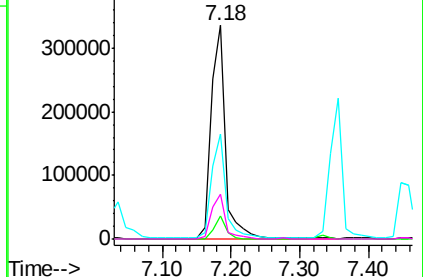
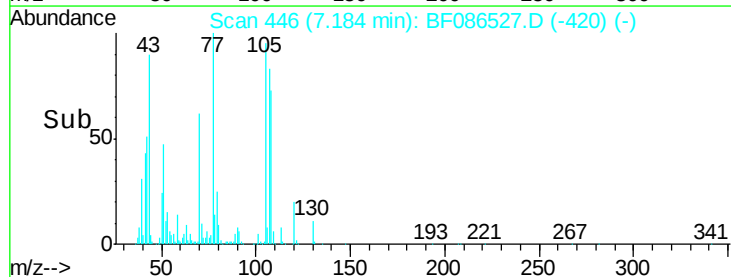


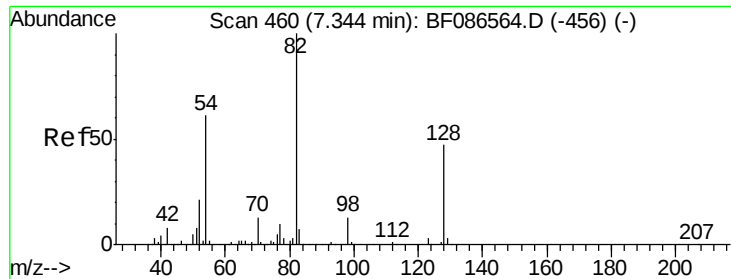
Abundance Ion 105.00 (104.70 to 105.70): E

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





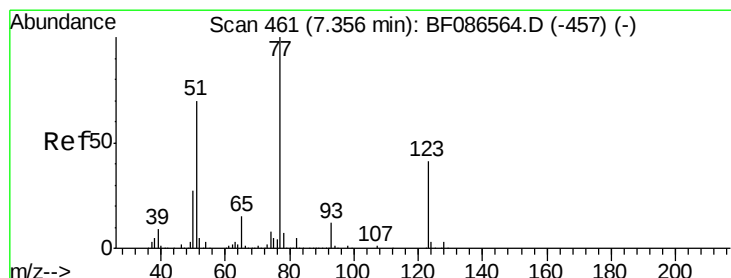
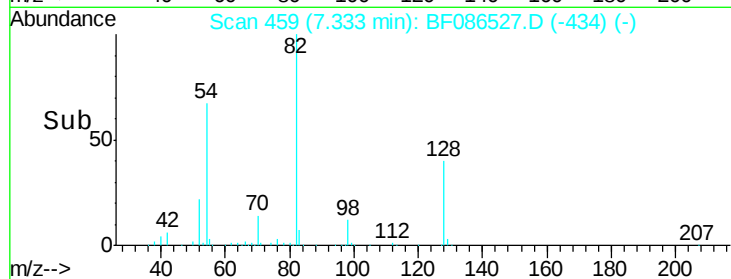
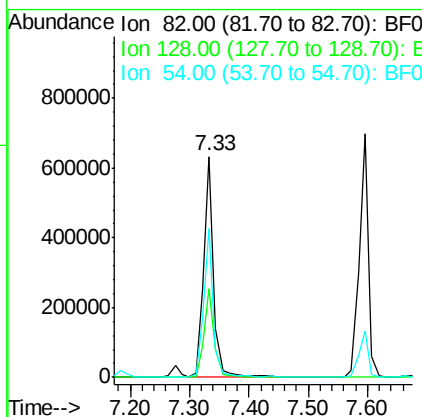
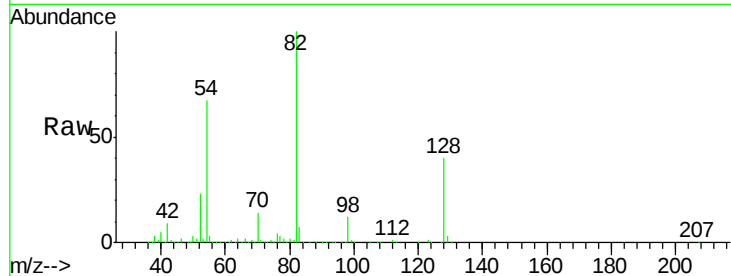
#23
 Nitrobenzene-d5
 Concen: 70.44 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	40.6	61.0#
54	67.5	38.1	57.1#

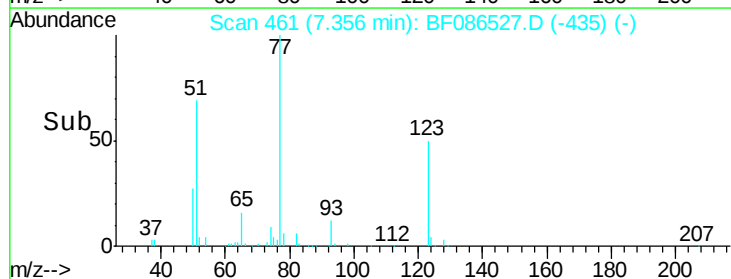
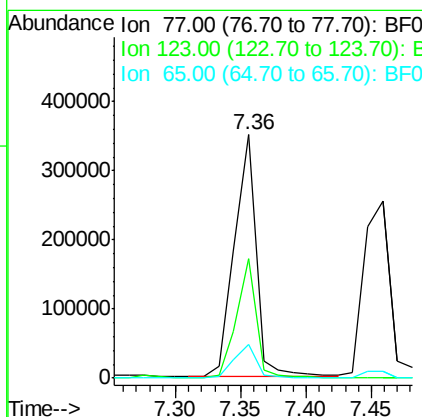
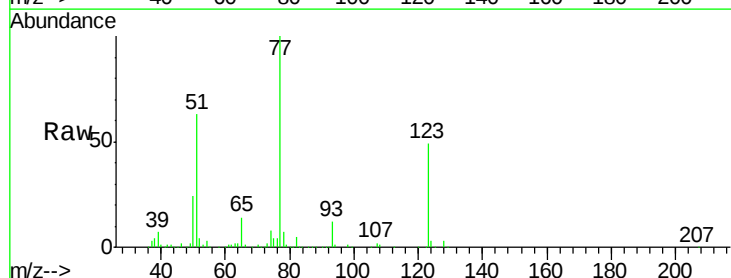
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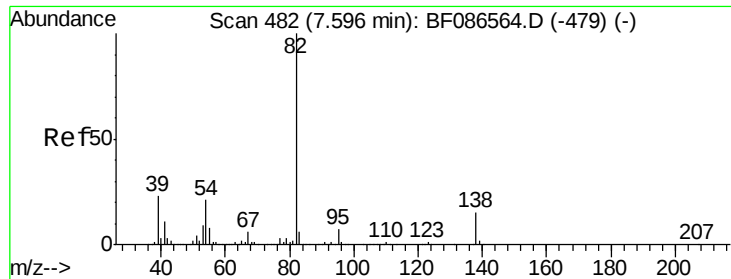
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#24
 Nitrobenzene
 Concen: 36.19 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	33.0	49.4
65	13.9	10.8	16.2





#25

Isophorone

Concen: 35.43 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

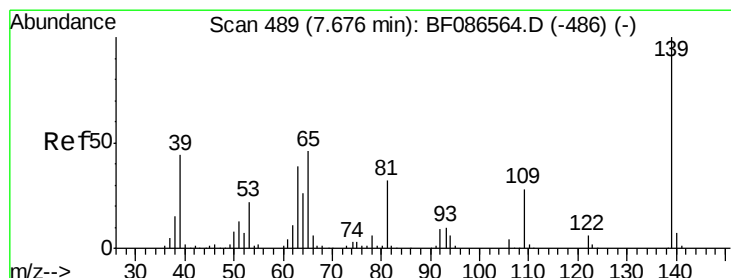
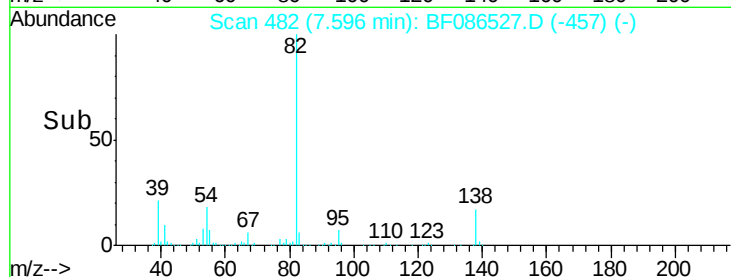
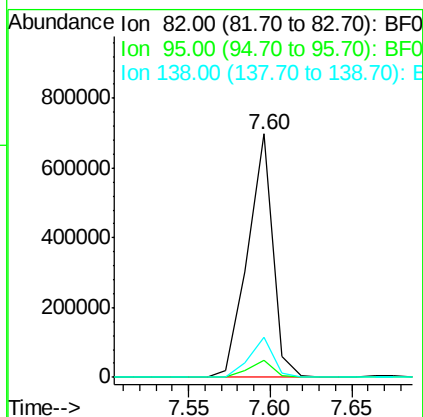
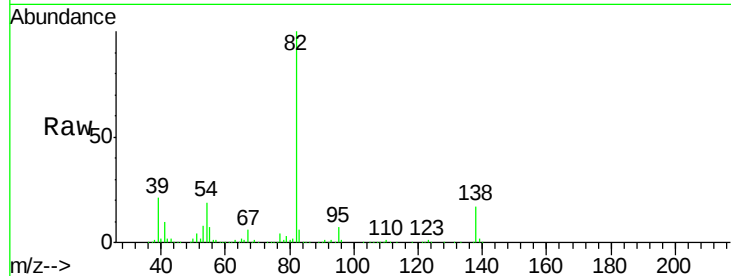
ClientSampleId :

PB90147BS

Tgt Ion:	82	Resp:	741506
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.1	7.7
138	16.5	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 36.44 ng

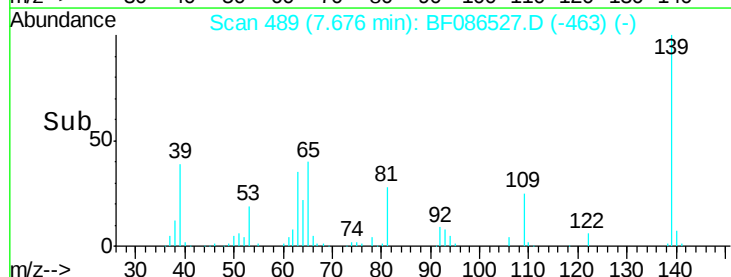
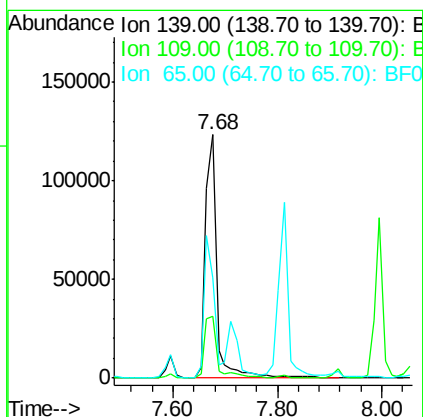
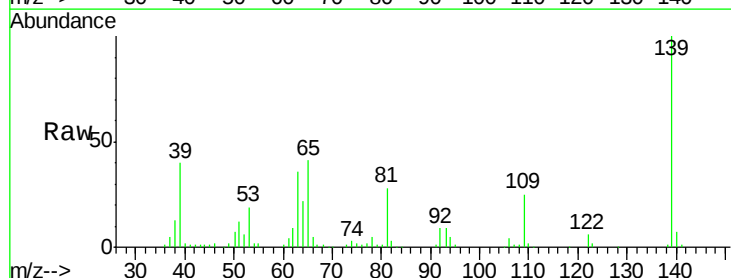
RT: 7.68 min Scan# 489

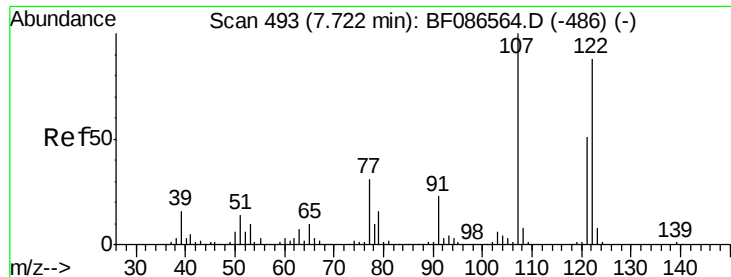
Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Tgt Ion:	139	Resp:	187669
Ion Ratio	Lower	Upper	
139	100		
109	25.3	19.5	29.3
65	41.3	37.5	56.3





#27

2,4-Dimethylphenol

Concen: 35.76 ng

RT: 7.72 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

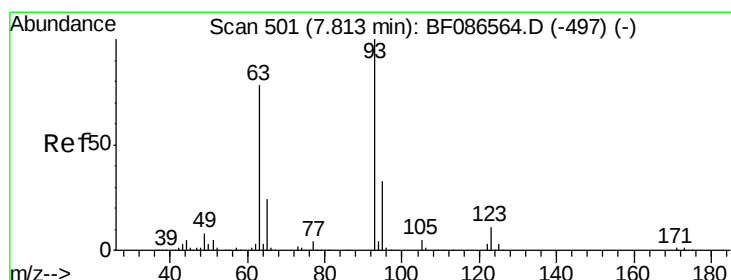
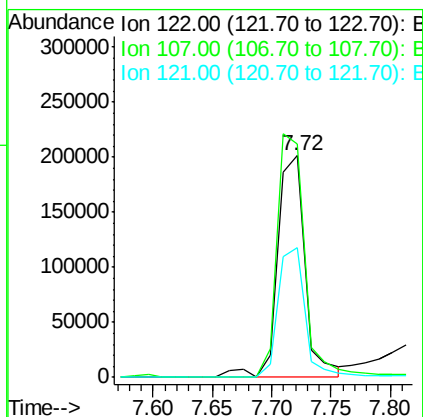
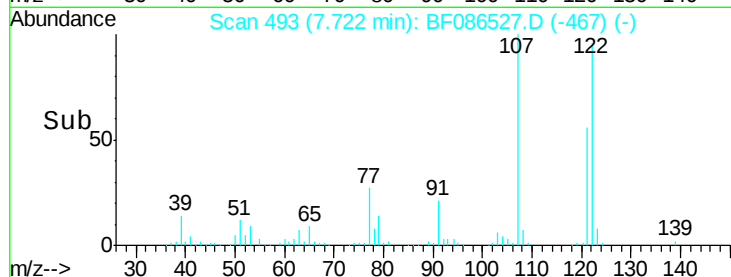
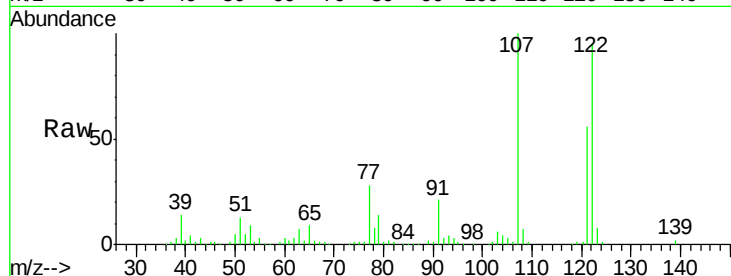
ClientSampleId :

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Tgt Ion:	122	Resp:	323187
Ion Ratio	Lower	Upper	
122	100		
107	105.4	82.0	123.0
121	58.6	46.1	69.1



#28

bis(2-Chloroethoxy)methane

Concen: 39.41 ng

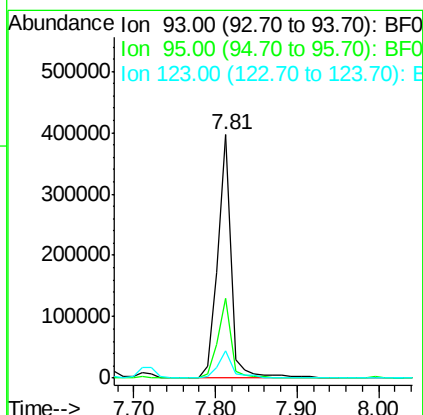
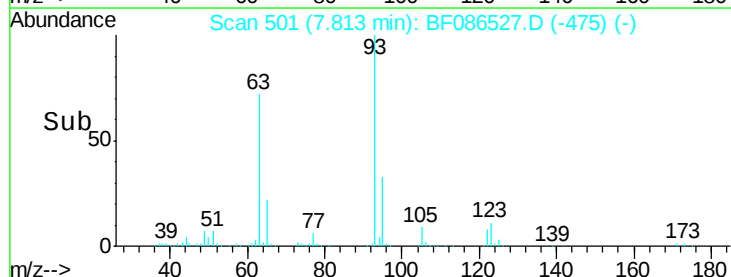
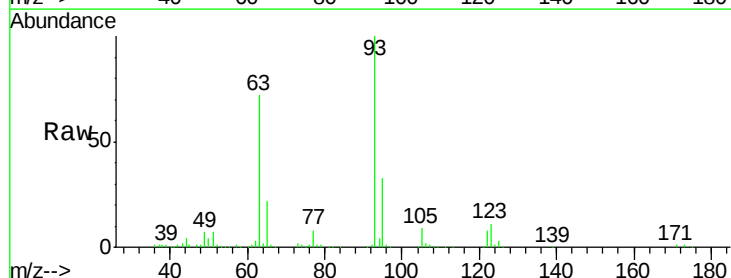
RT: 7.81 min Scan# 501

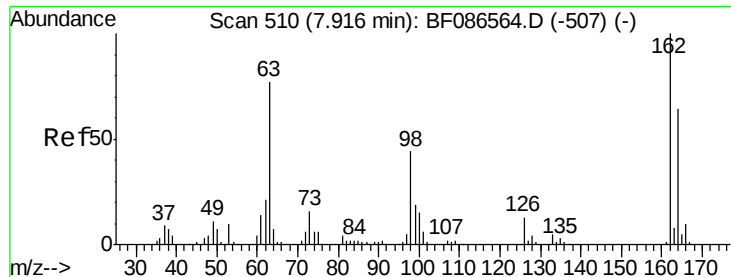
Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Tgt Ion:	93	Resp:	449380
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.0	39.0
123	11.3	9.5	14.3





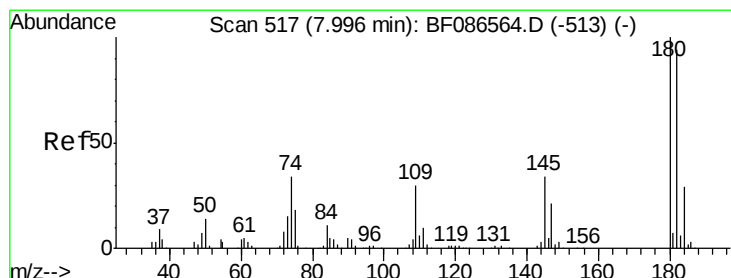
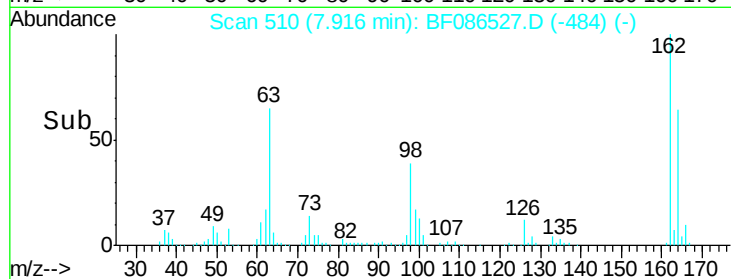
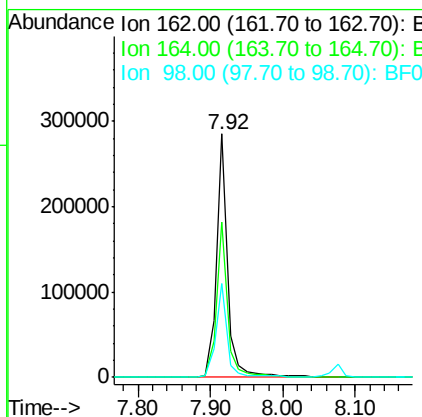
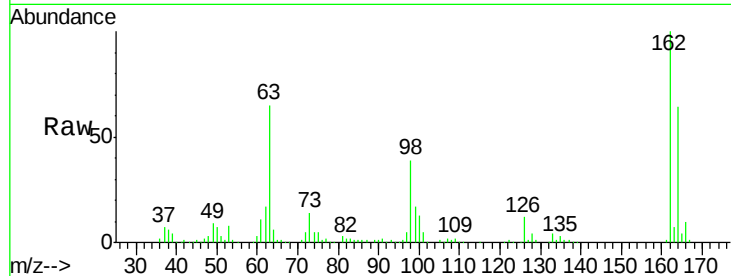
#29
 2,4-Dichlorophenol
 Concen: 39.95 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

Tgt Ion:	162	Resp:	304646
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.2	82.2
98	38.7	19.0	59.0

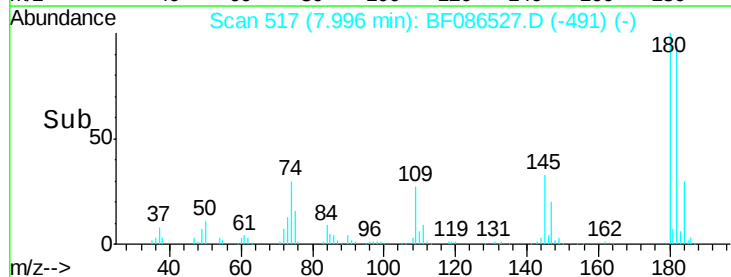
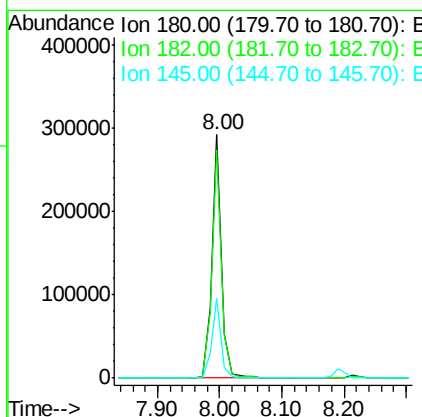
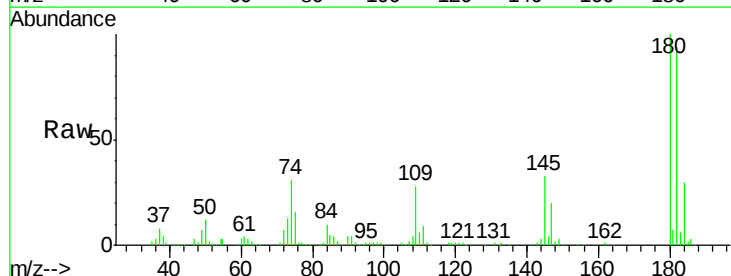
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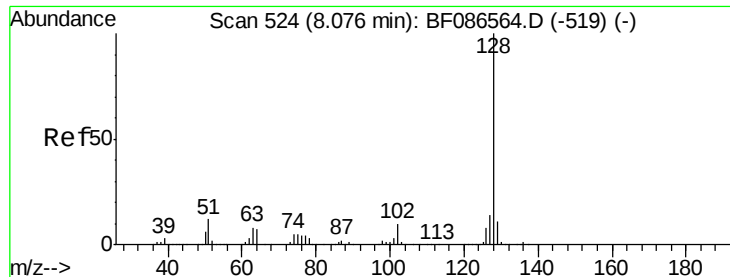
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.74 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion:	180	Resp:	307323
Ion Ratio	Lower	Upper	
180	100		
182	93.8	78.0	117.0
145	32.6	24.2	36.2





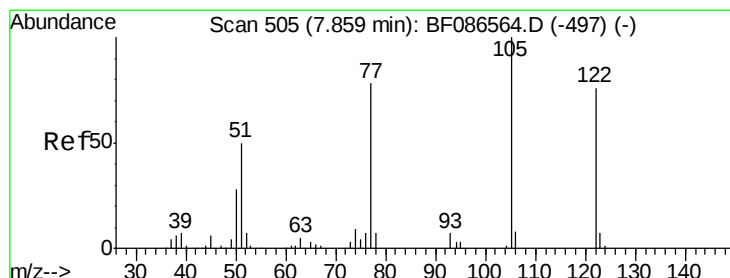
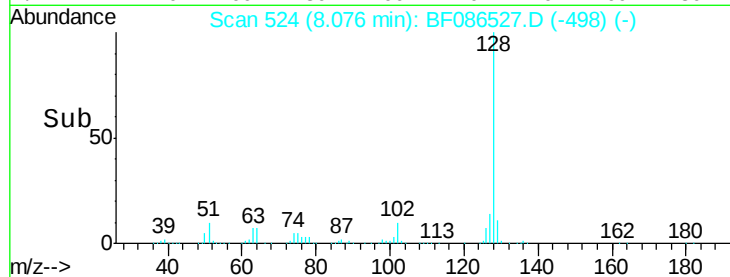
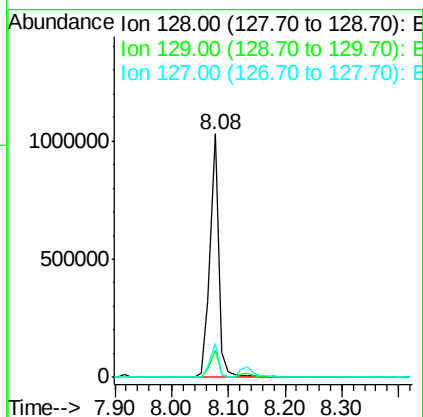
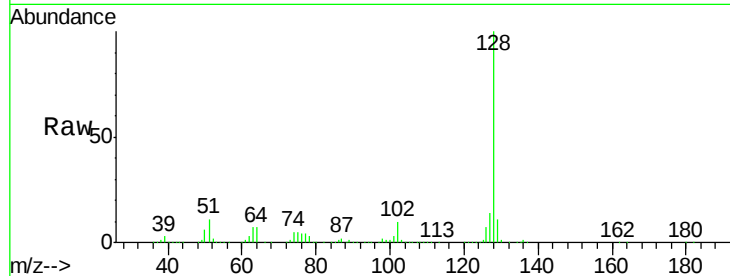
#31
Naphthalene
Concen: 35.70 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB90147BS

Tgt Ion:128 Resp: 1064794
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.6 10.8 16.2

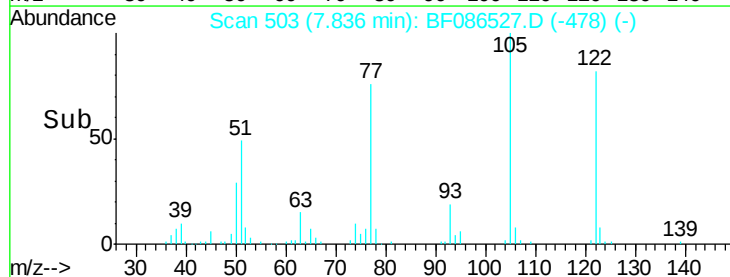
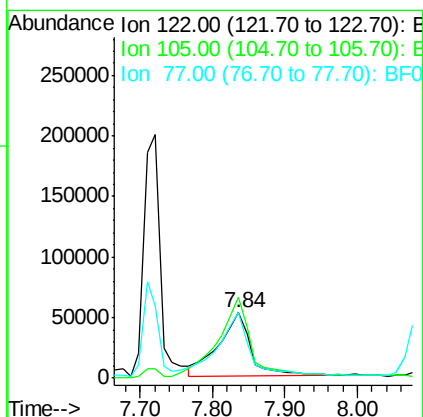
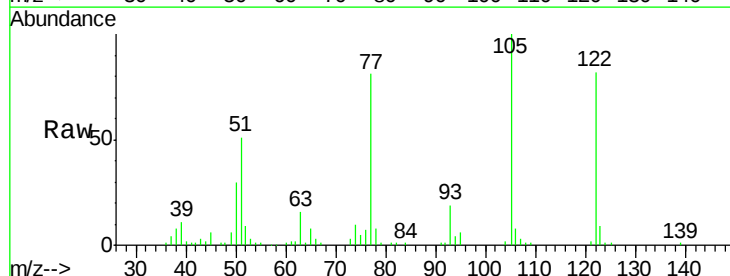
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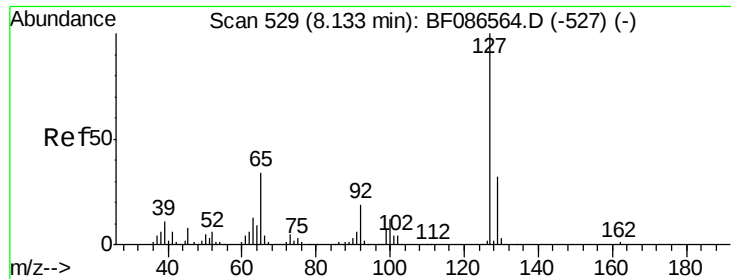
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#32
Benzoic acid
Concen: 32.85 ng
RT: 7.84 min Scan# 503
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion:122 Resp: 161169
Ion Ratio Lower Upper
122 100
105 122.6 92.6 132.6
77 99.6 60.0 100.0





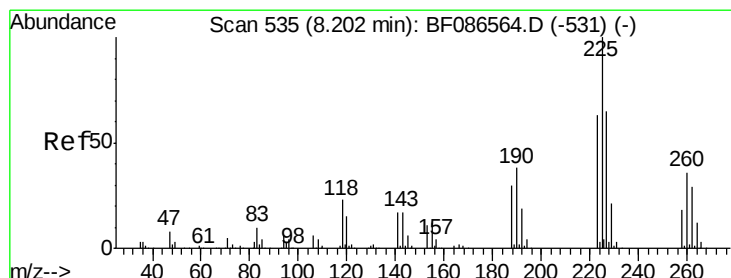
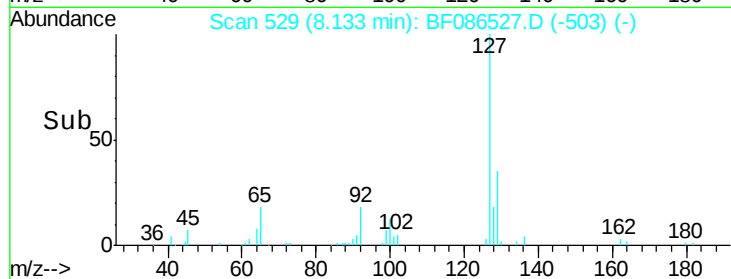
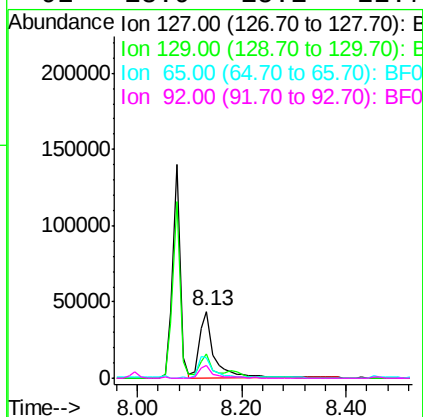
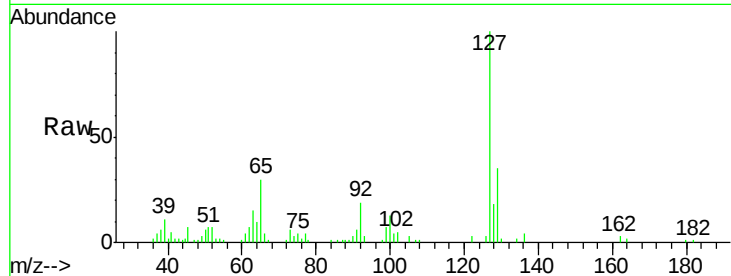
#33
4-Chloroaniline
Concen: 7.91 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB90147BS

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
127	100		88338		
129	35.4	26.2	39.4		
65	30.4	23.0	34.4		
92	18.9	15.1	22.7		

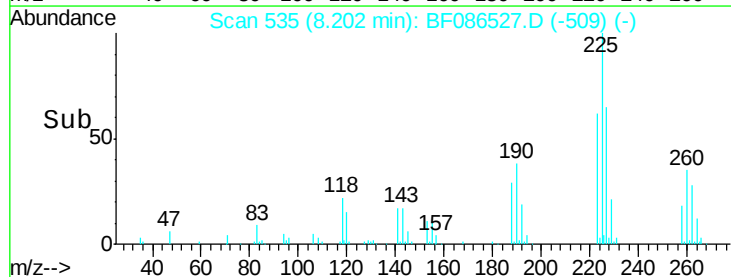
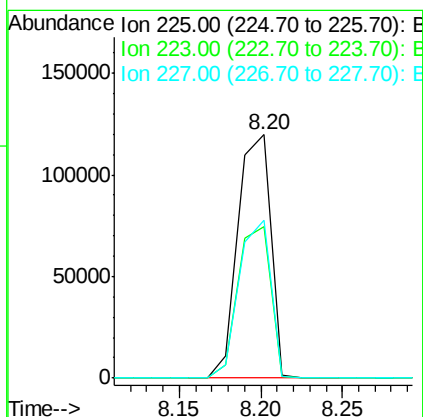
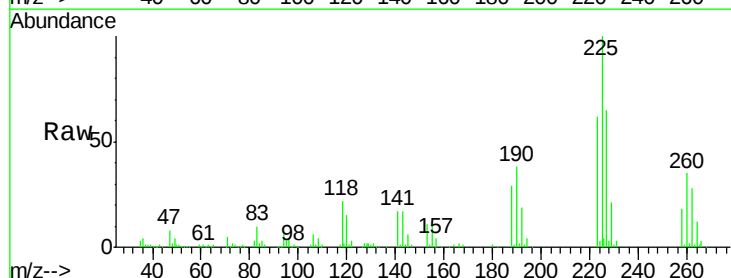
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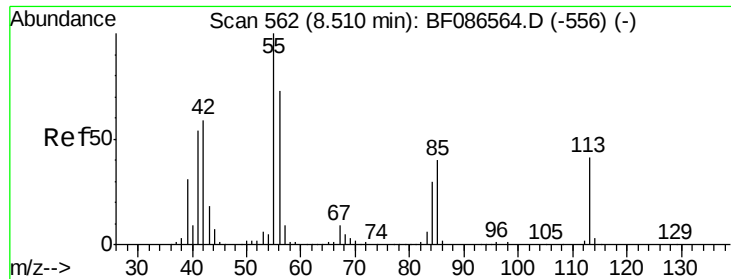
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#34
Hexachlorobutadiene
Concen: 33.44 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		165820		
223	62.0	51.5	77.3		
227	64.6	52.2	78.2		





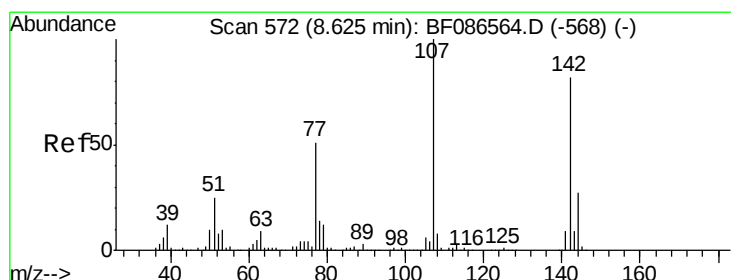
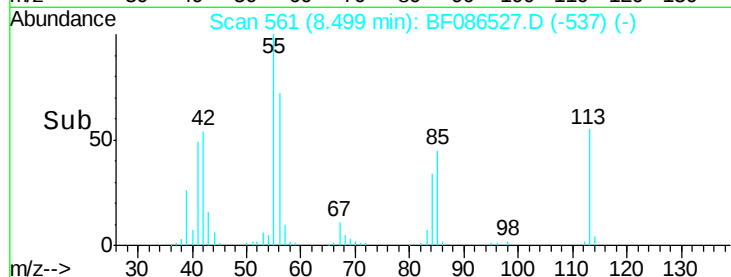
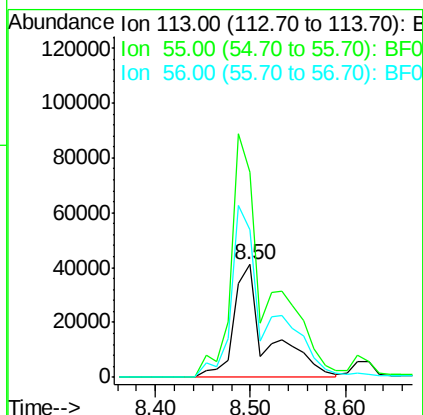
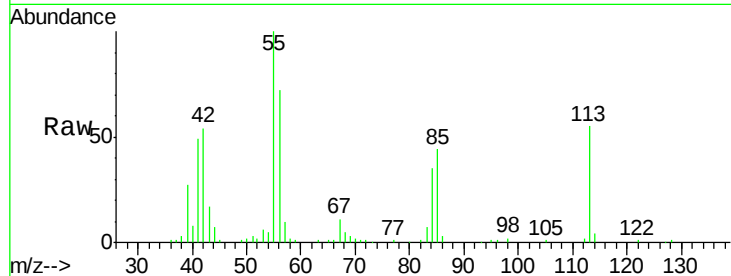
#35
 Caprolactam
 Concen: 40.26 ng m
 RT: 8.50 min Scan# 561
 Delta R.T. -0.02 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	182.2	162.0	202.0
56	130.9	115.3	155.3

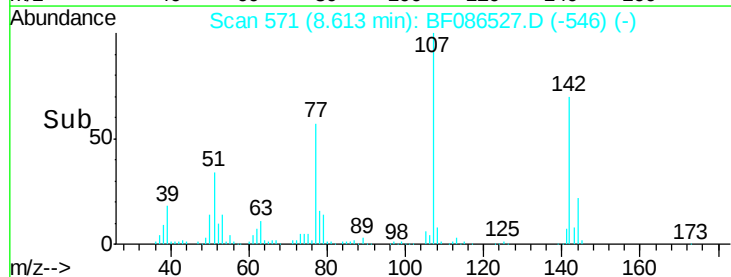
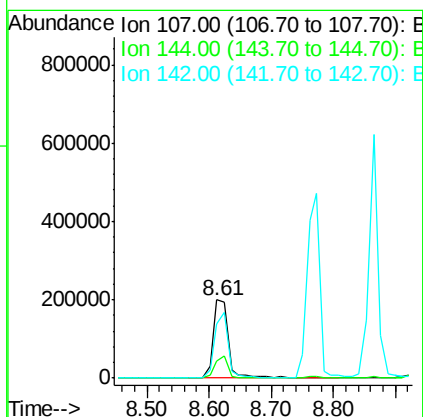
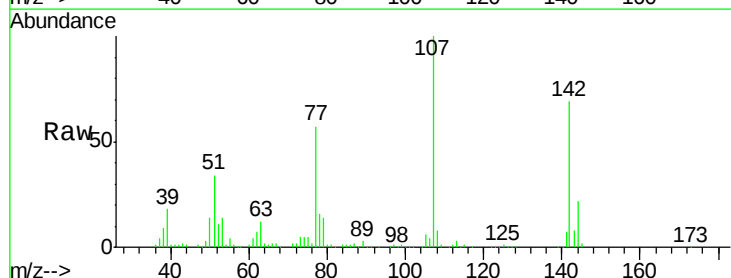
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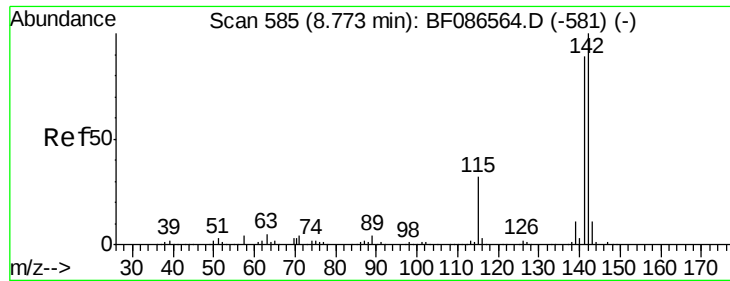
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#36
 4-Chloro-3-methylphenol
 Concen: 38.68 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.0	20.7	31.1
142	69.4	63.2	94.8





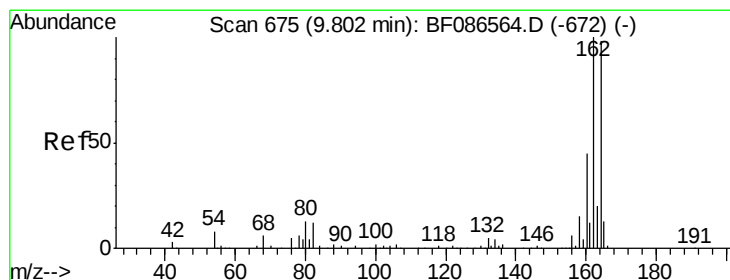
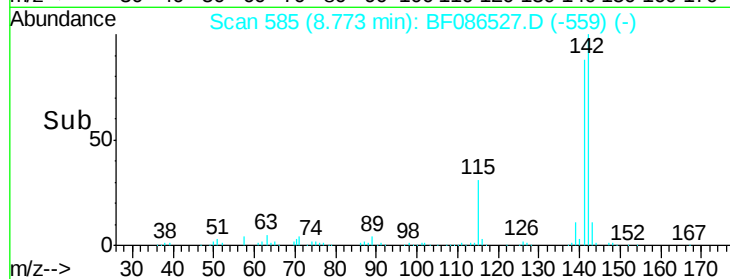
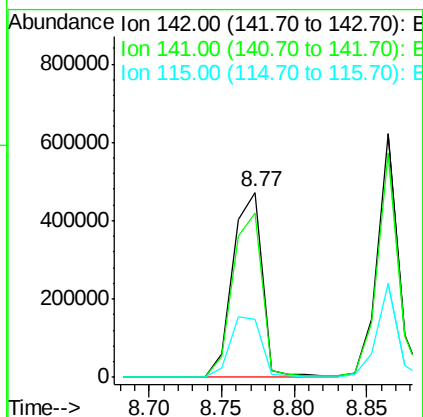
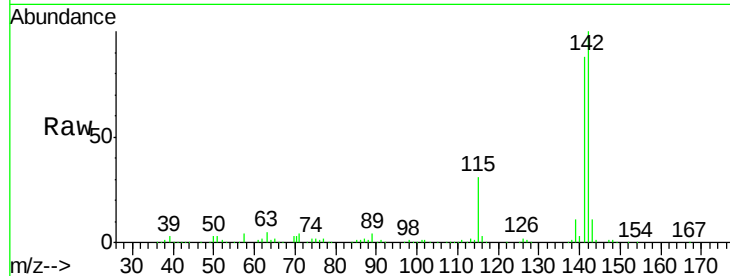
#37
 2-Methylnaphthalene
 Concen: 38.10 ng
 RT: 8.77 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

Tgt Ion:	142	Resp:	670501
Ion Ratio	Lower	Upper	
142	100		
141	88.4	71.0	106.6
115	31.2	26.6	39.8

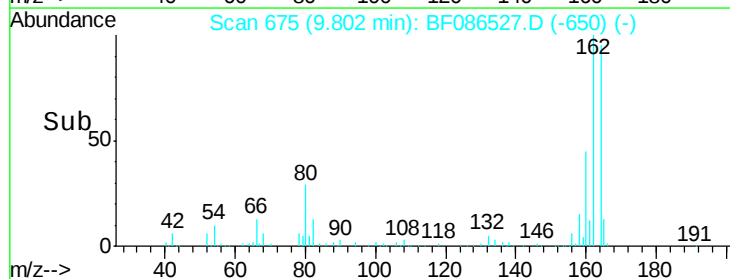
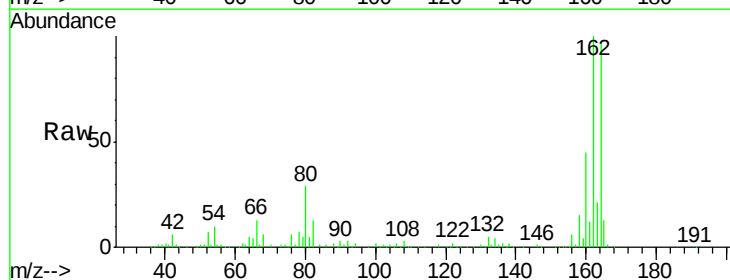
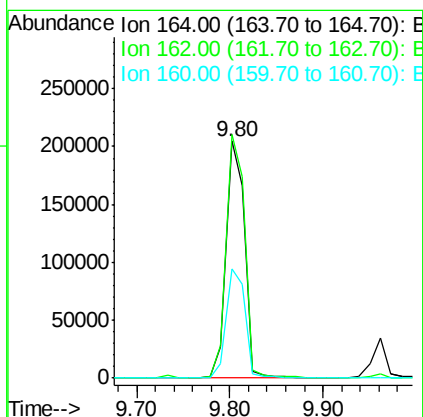
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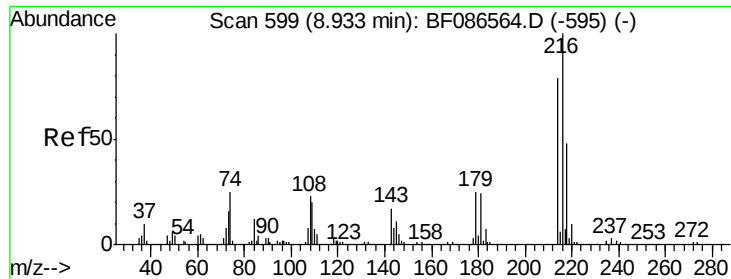
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion:	164	Resp:	283208
Ion Ratio	Lower	Upper	
164	100		
162	102.8	82.8	124.2
160	46.1	36.9	55.3





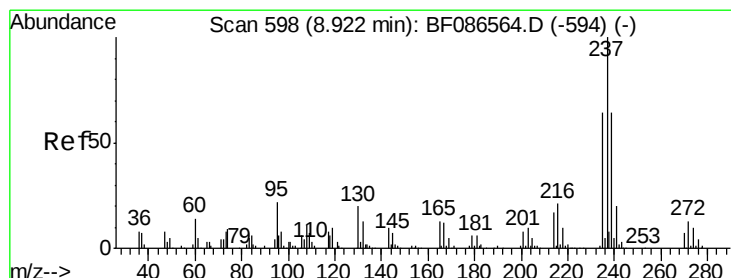
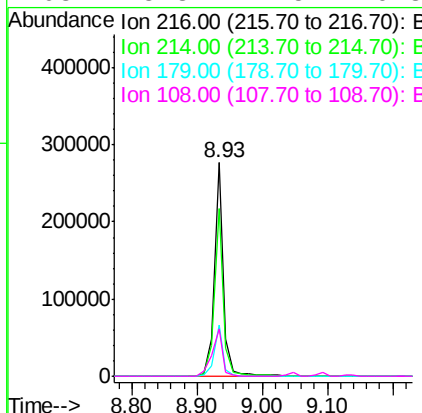
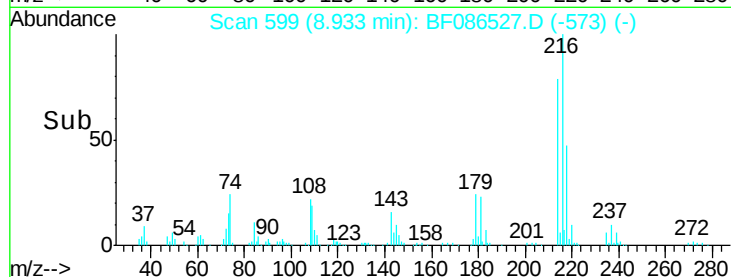
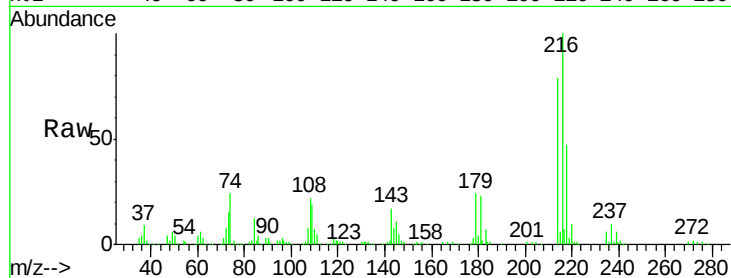
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.71 ng
 RT: 8.93 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

Manual Integrations
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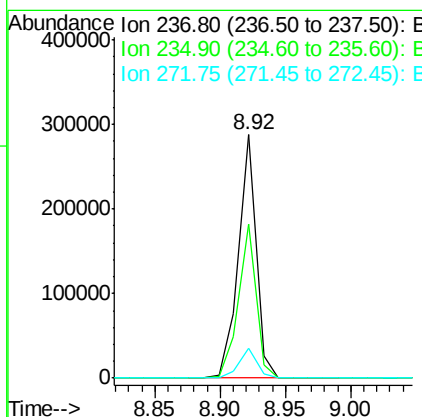
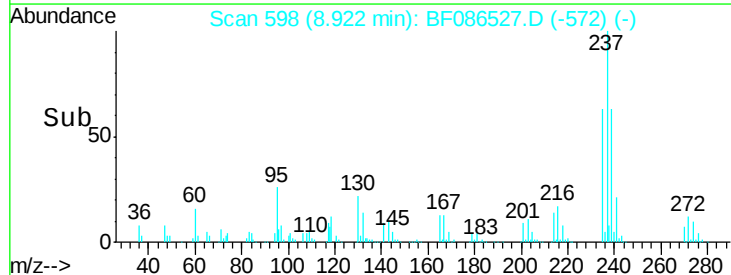
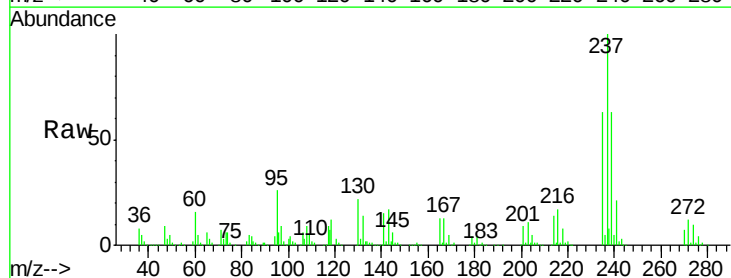
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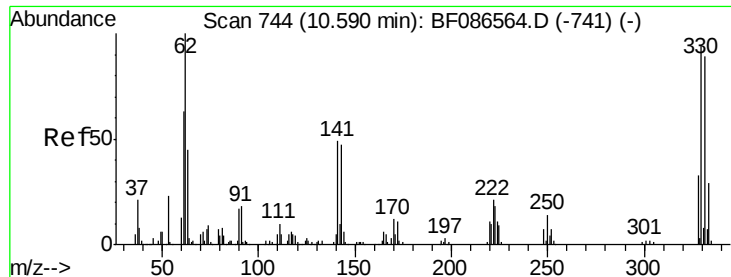
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	273286		
214	78.3	62.6	93.8	
179	23.4	18.2	27.4	
108	25.3	17.5	26.3	



#40
 Hexachlorocyclopentadiene
 Concen: 67.24 ng
 RT: 8.92 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	270864		
235	63.4	47.2	87.2	
272	12.4	0.0	31.1	





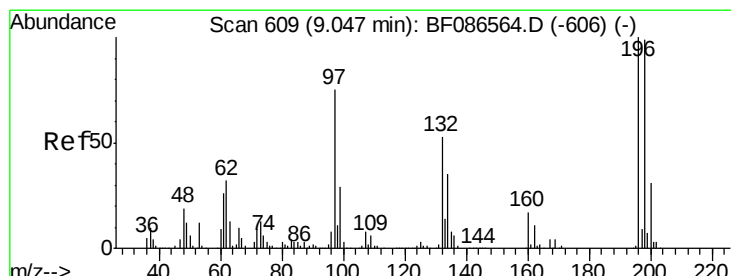
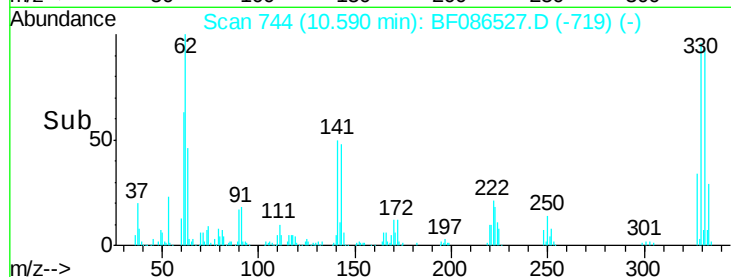
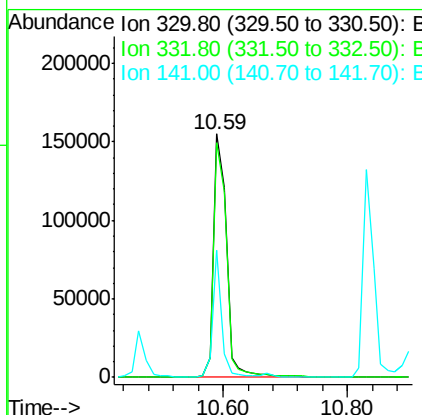
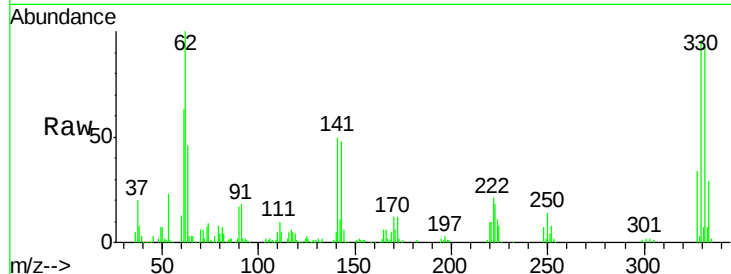
#41
 2,4,6-Tribromophenol
 Concen: 74.82 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	223450		
332	97.7	79.0	118.4	
141	34.8	31.2	46.8	

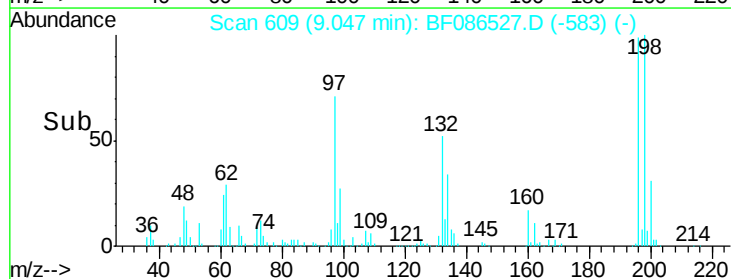
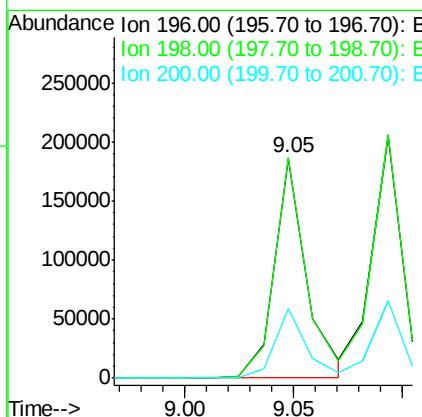
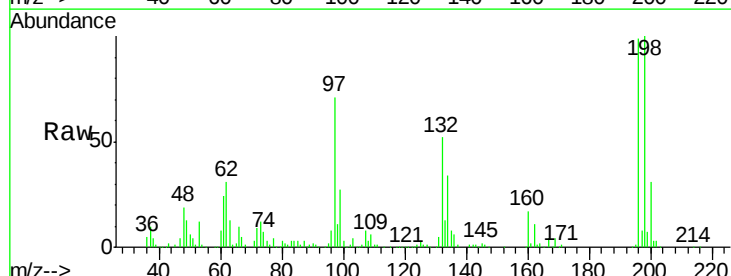
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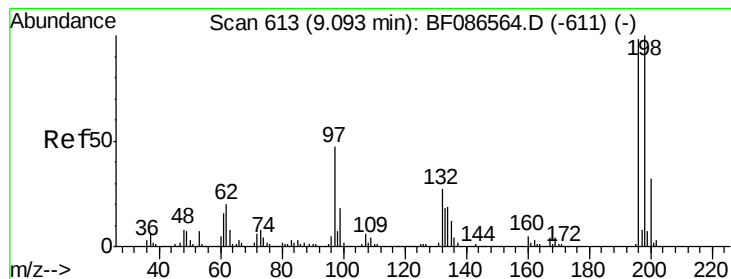
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#42
 2,4,6-Trichlorophenol
 Concen: 37.54 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

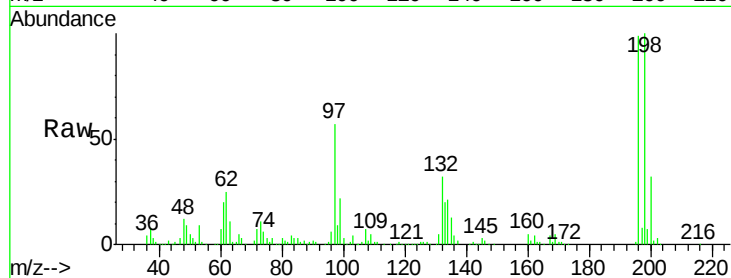
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	192371		
198	100.6	74.7	112.1	
200	31.5	23.8	35.6	





#43
 2,4,5-Trichlorophenol
 Concen: 37.07 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

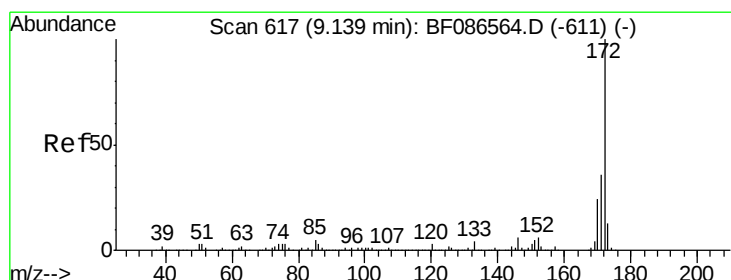
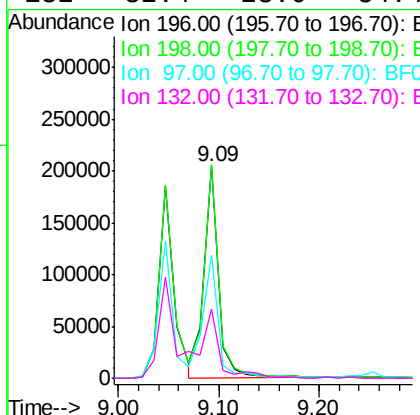
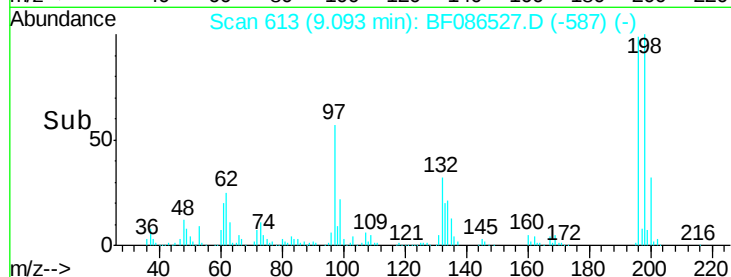
Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	207038		
198	100.6	77.5	116.3	
97	57.7	34.8	52.2	
132	32.4	23.0	34.4	

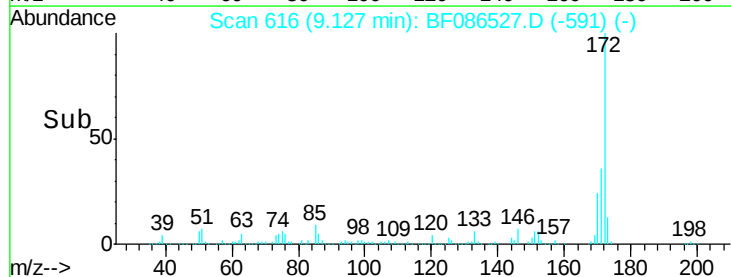
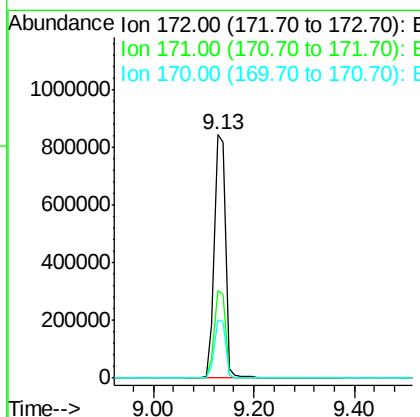
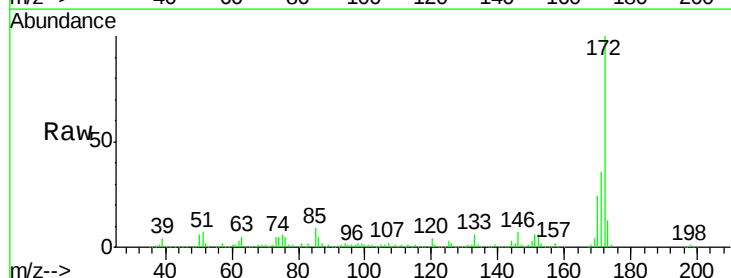
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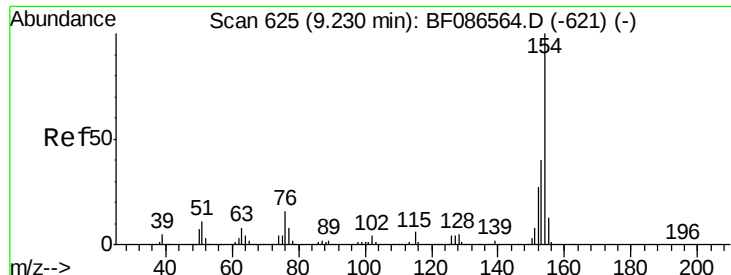
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#44
 2-Fluorobiphenyl
 Concen: 81.13 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1326080		
171	35.8	29.0	43.6	
170	24.0	19.8	29.8	





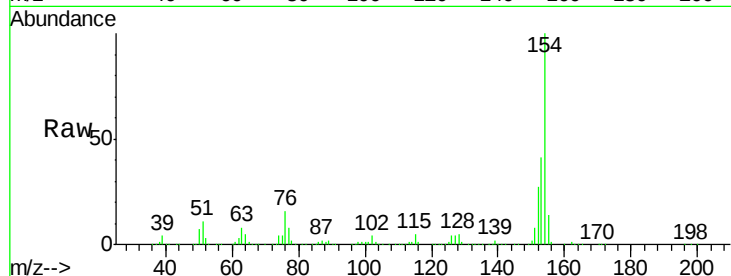
#45
 1,1'-Biphenyl
 Concen: 34.03 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

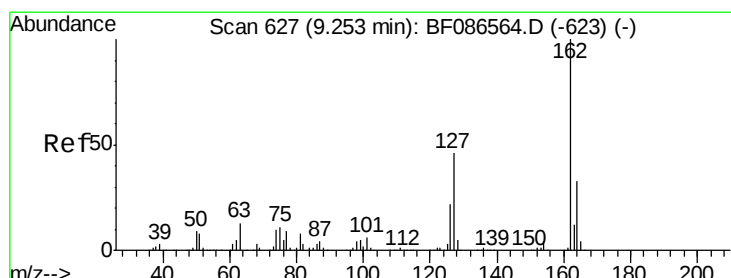
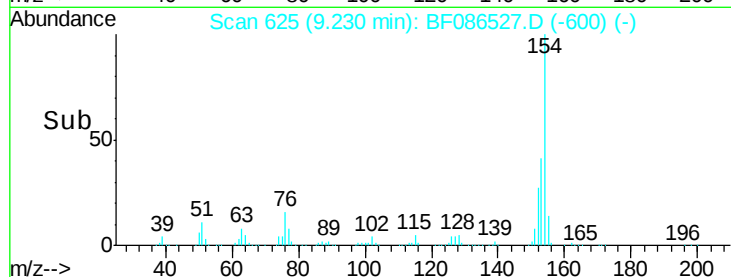
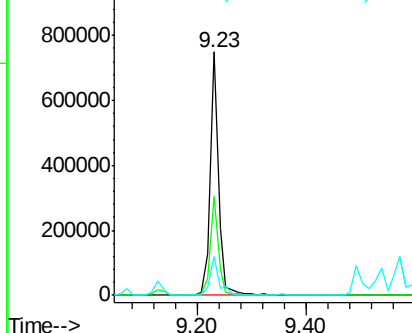
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	805500		
153	40.8	20.3	60.3	
76	16.2	0.0	30.2	

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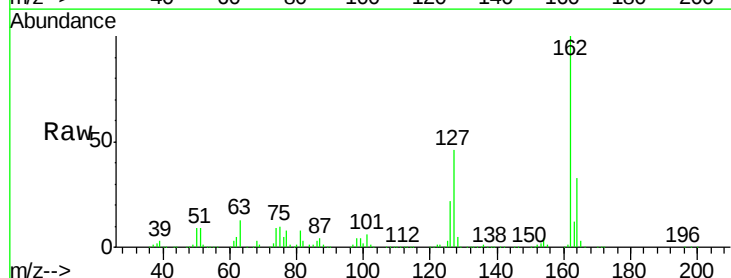


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

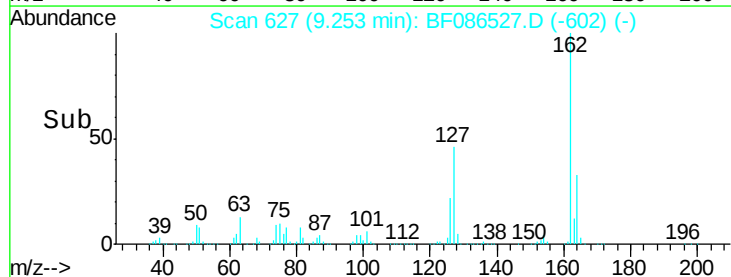
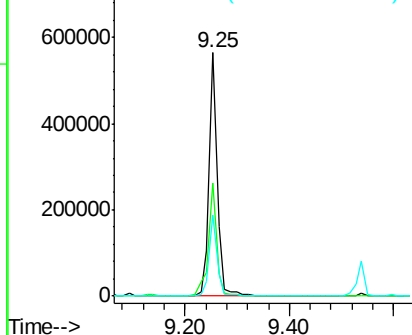


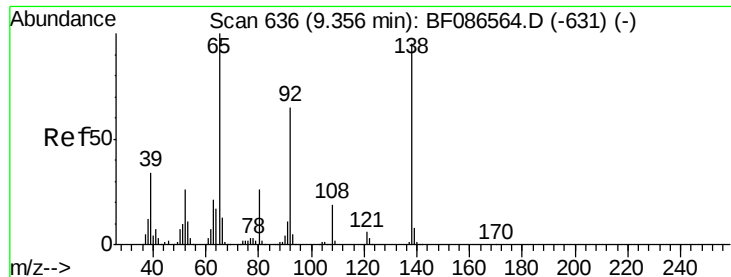
#46
 2-Chloronaphthalene
 Concen: 34.19 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	615393		
127	46.3	31.8	47.6	
164	33.2	27.0	40.6	



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





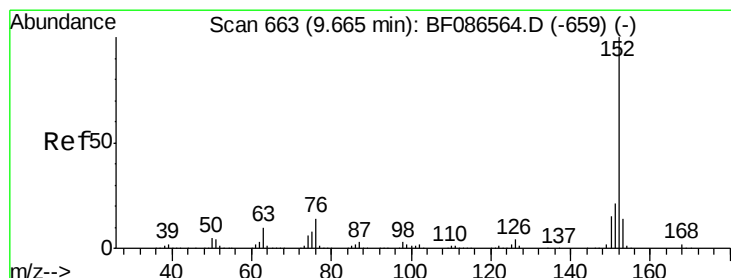
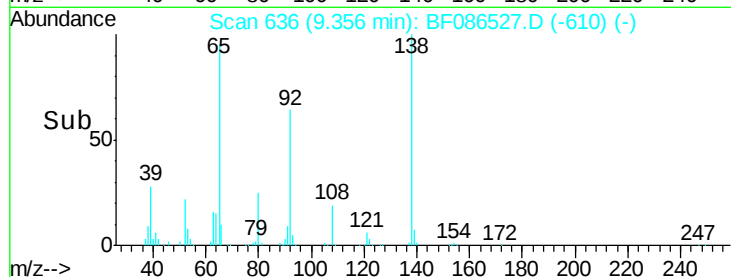
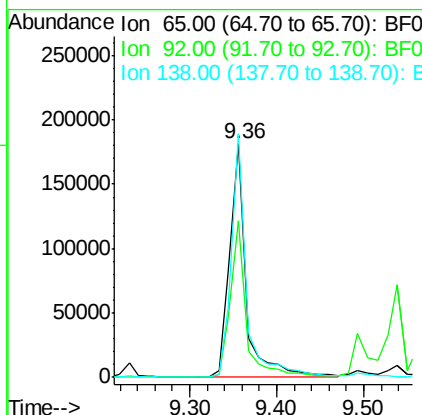
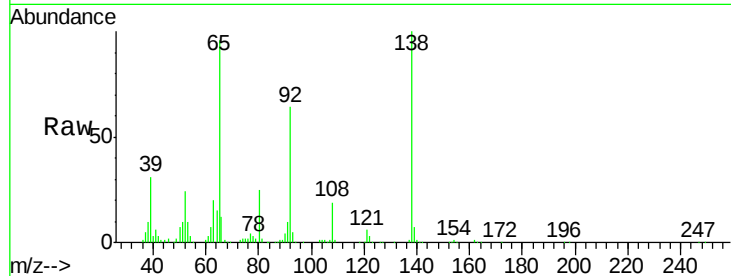
#47
2-Nitroaniline
Concen: 42.27 ng
RT: 9.36 min Scan# 636
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.9	57.4	86.2
138	104.1	90.1	135.1

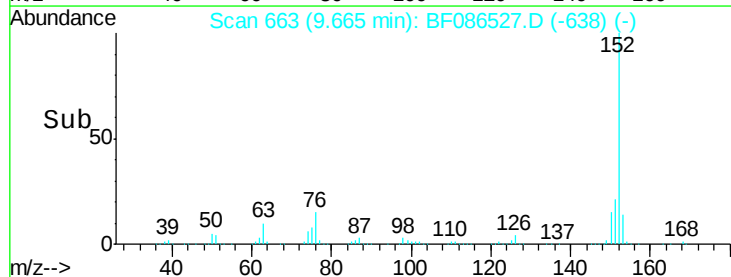
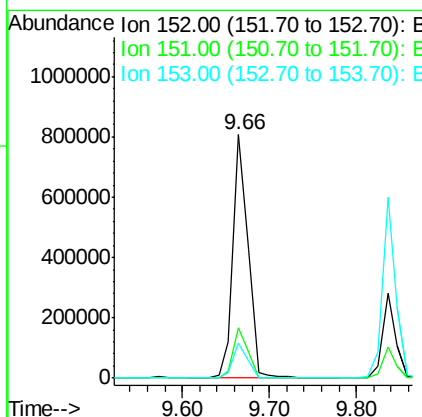
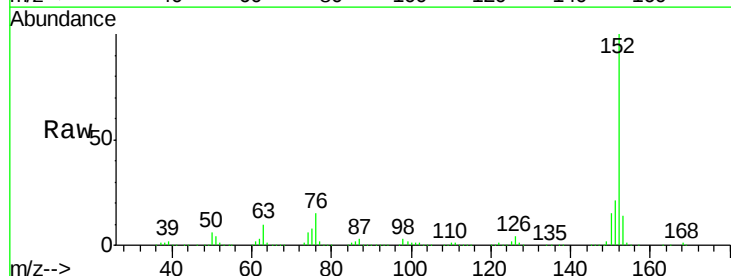
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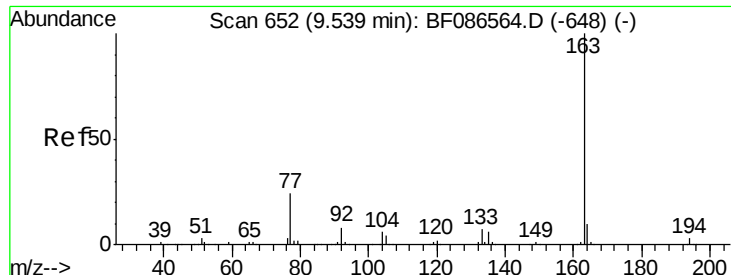
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#48
Acenaphthylene
Concen: 34.21 ng
RT: 9.66 min Scan# 663
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.8	25.2
153	14.2	10.9	16.3





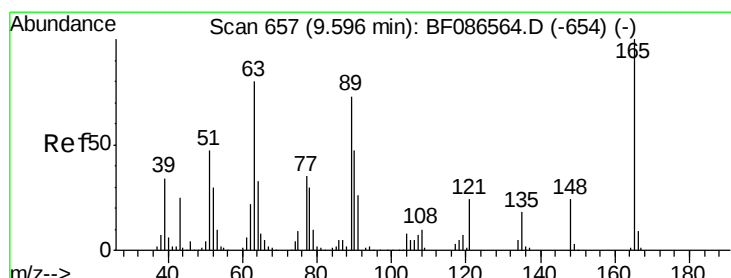
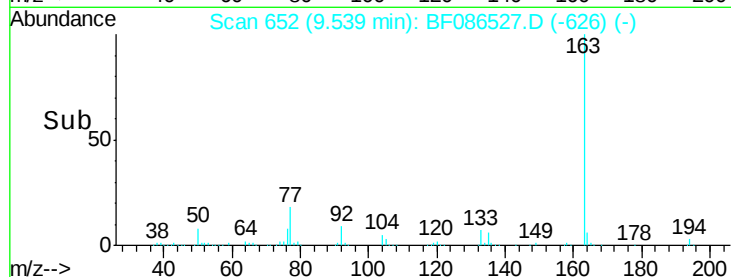
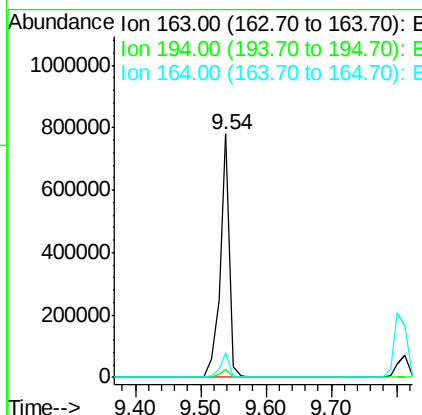
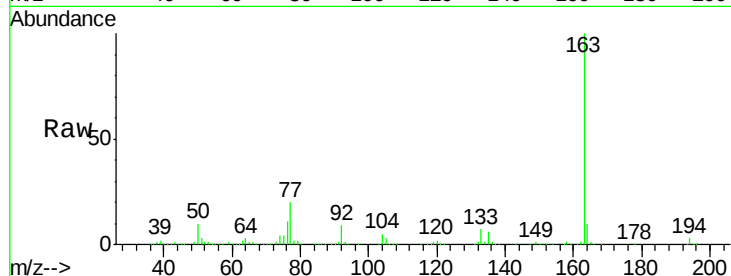
#49
Dimethylphthalate
Concen: 36.96 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB90147BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	788103		
194	3.4	2.6	4.0	
164	10.3	8.2	12.4	

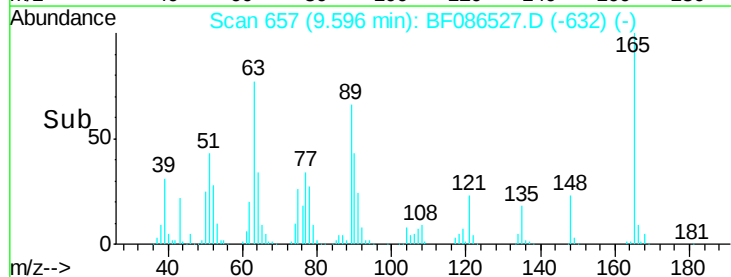
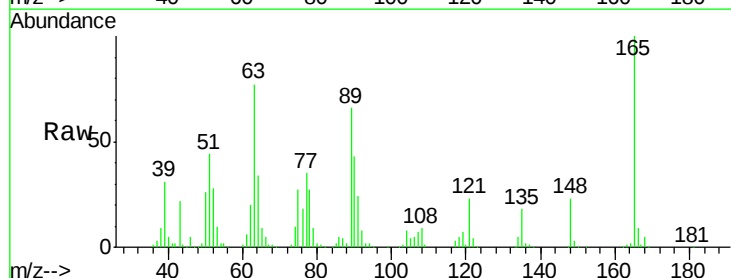
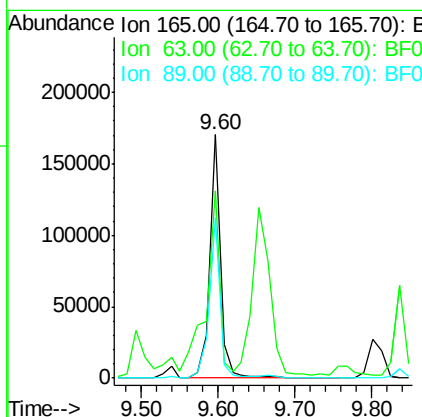
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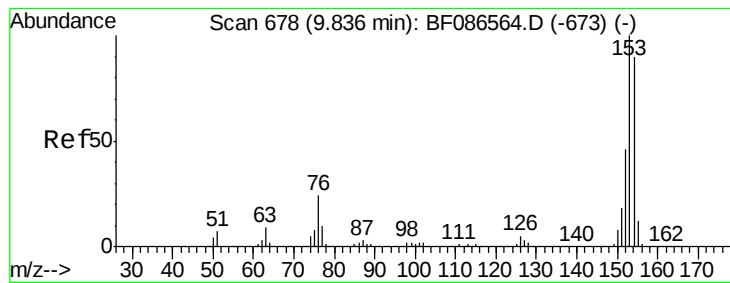
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#50
2,6-Dinitrotoluene
Concen: 37.41 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	164773		
63	77.1	51.8	77.8	
89	65.7	50.7	76.1	





#51

Acenaphthene

Concen: 37.90 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

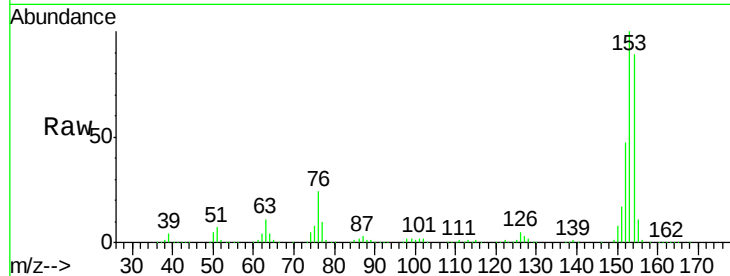
ClientSampleId :

PB90147BS

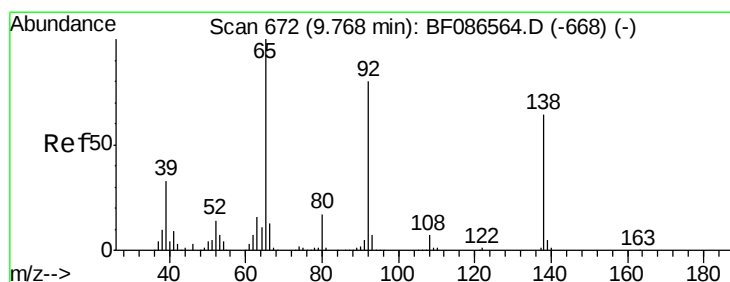
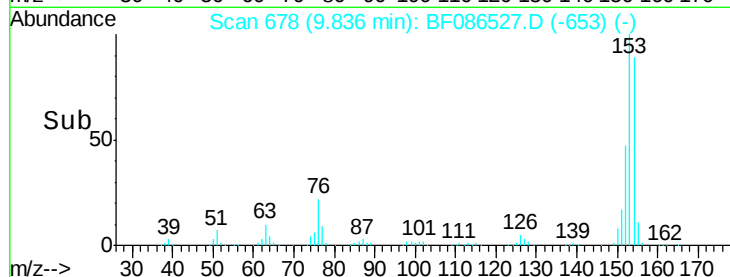
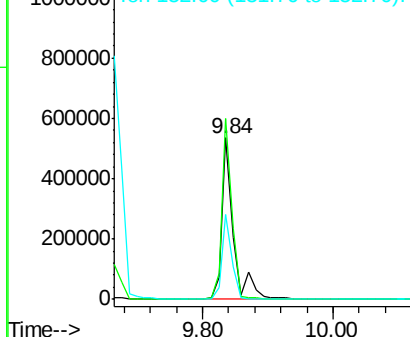
Tgt Ion:	154	Resp:	684809
Ion Ratio	Lower	Upper	
154	100		
153	112.3	89.8	134.6
152	52.6	43.4	65.0

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



#52

3-Nitroaniline

Concen: 13.48 ng

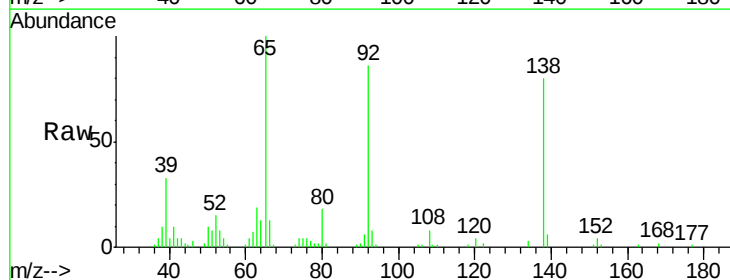
RT: 9.77 min Scan# 672

Delta R.T. -0.00 min

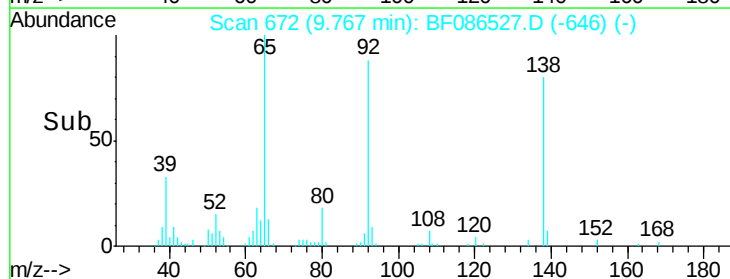
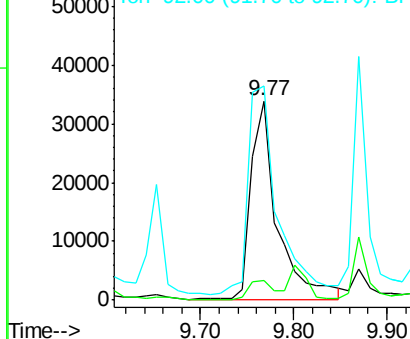
Lab File: BF086527.D

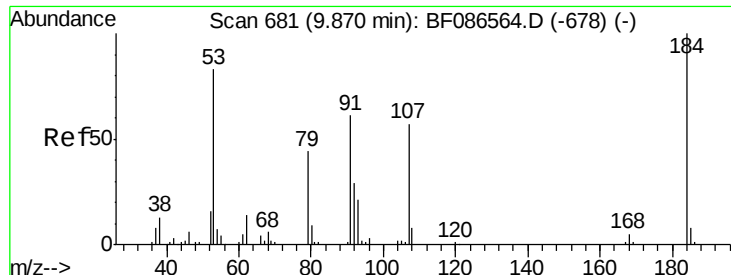
Acq: 30 Apr 2016 16:52

Tgt Ion:	138	Resp:	67537
Ion Ratio	Lower	Upper	
138	100		
108	9.7	7.8	11.6
92	107.7	87.8	131.8



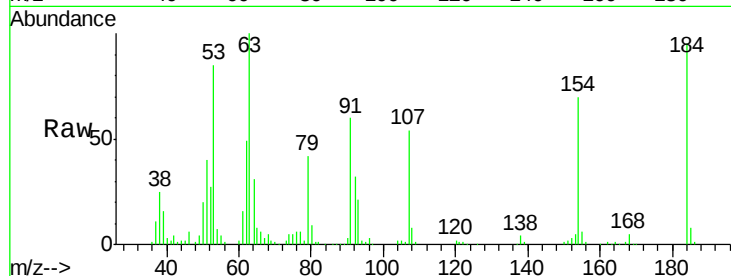
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
2,4-Dinitrophenol
Concen: 66.51 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

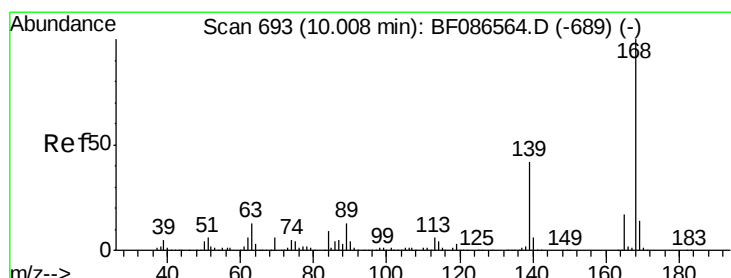
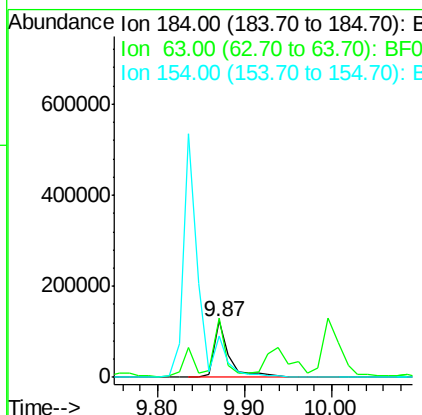
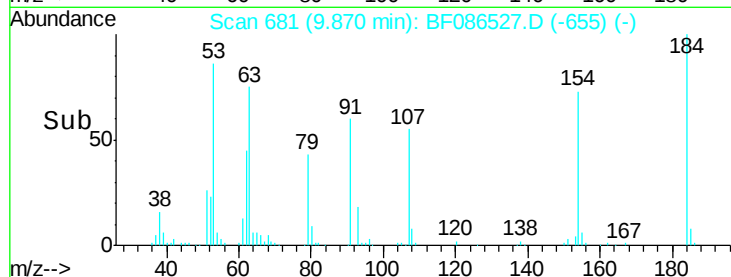
Instrument :
BNA_F
ClientSampleId :
PB90147BS



Tgt Ion:184 Resp: 156653
Ion Ratio Lower Upper
184 100
63 105.2 55.8 83.8#
154 74.1 62.4 93.6

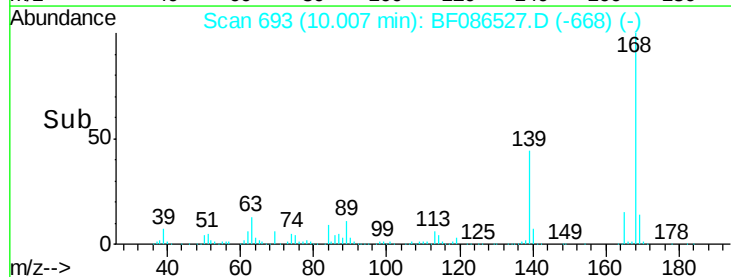
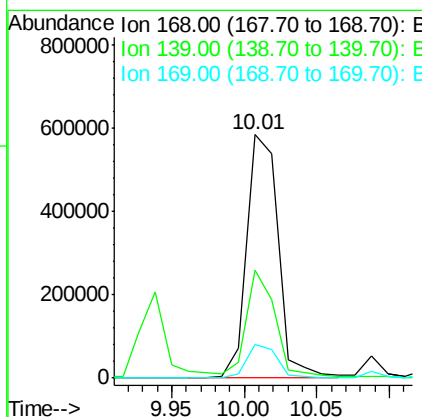
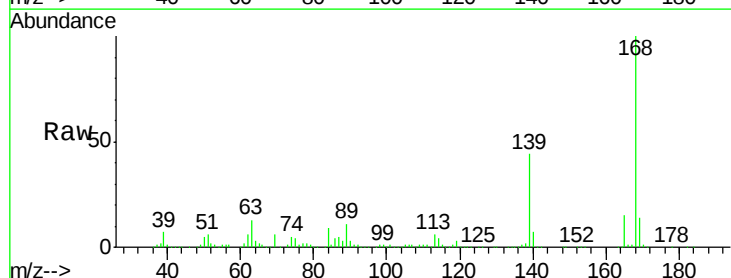
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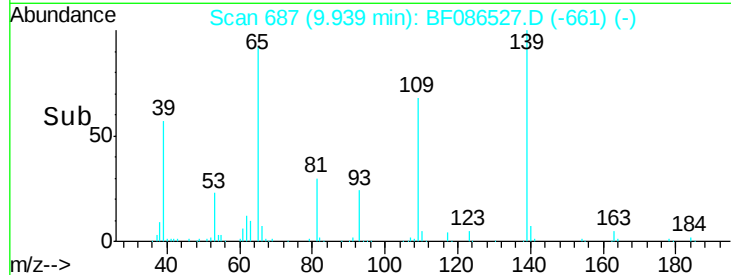
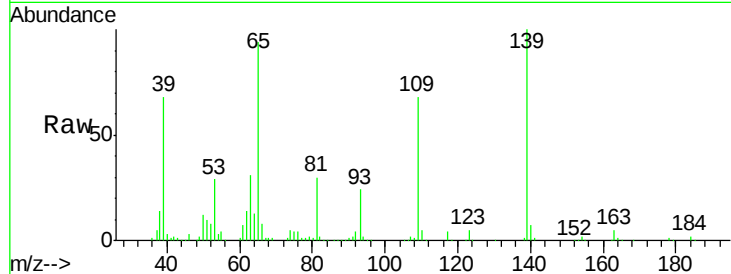
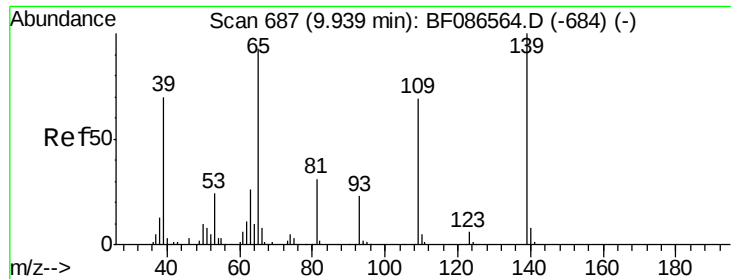
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#54
Dibenzofuran
Concen: 38.94 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion:168 Resp: 879419
Ion Ratio Lower Upper
168 100
139 44.3 31.4 47.0
169 13.9 10.7 16.1





#55

4-Nitrophenol

Concen: 82.24 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Tgt Ion:	139	Resp:	269738
Ion Ratio	Lower	Upper	
139	100		
109	68.1	36.9	76.9
65	93.5	64.0	104.0

Instrument :

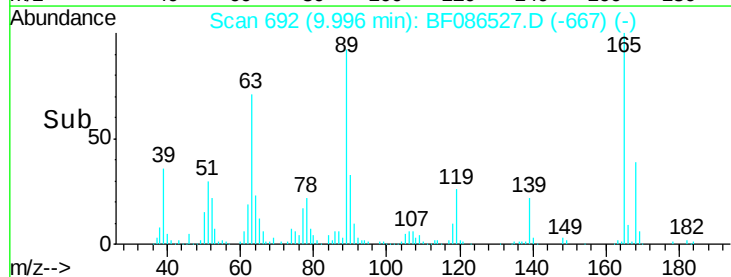
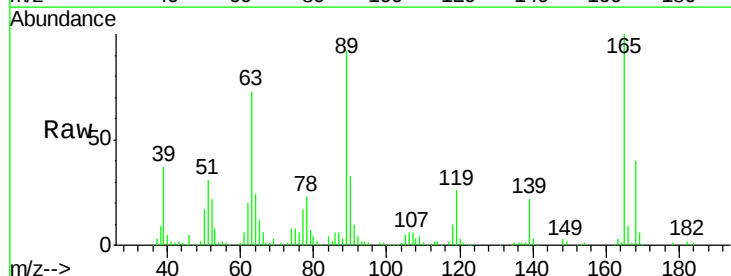
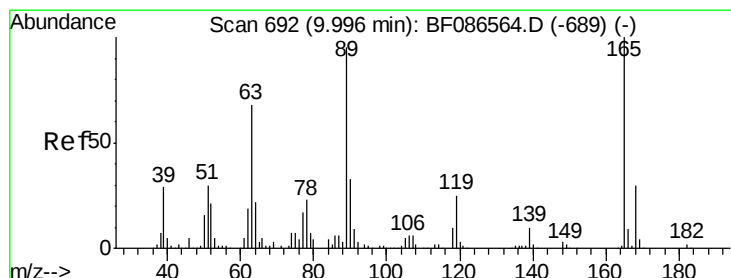
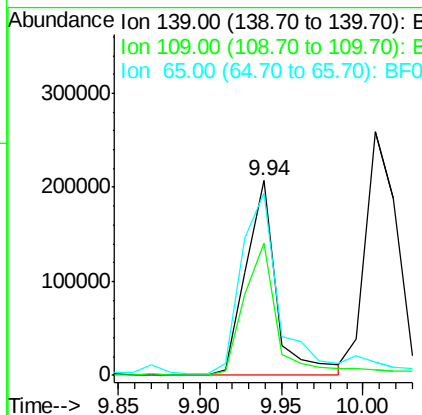
BNA_F

ClientSampleId :

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#56

2,4-Dinitrotoluene

Concen: 37.57 ng

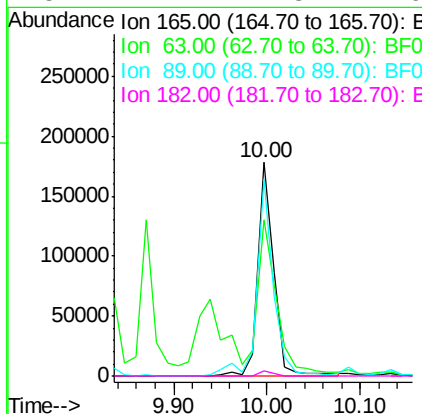
RT: 10.00 min Scan# 692

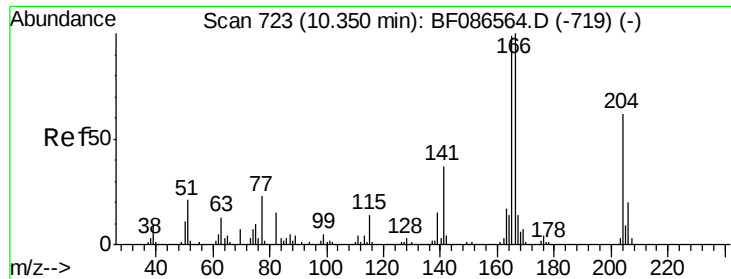
Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Tgt Ion:	165	Resp:	210976
Ion Ratio	Lower	Upper	
165	100		
63	73.0	44.3	66.5#
89	92.4	70.0	105.0
182	2.2	1.8	2.6





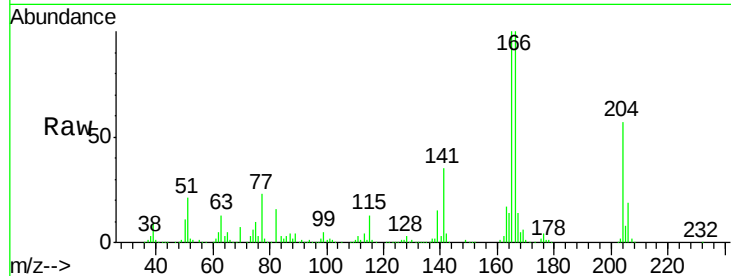
#57
Fluorene
 Concen: 33.09 ng
 RT: 10.35 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

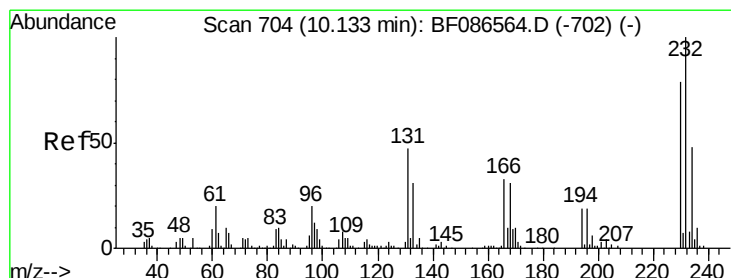
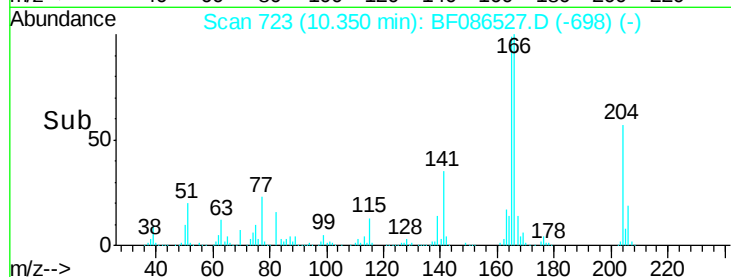
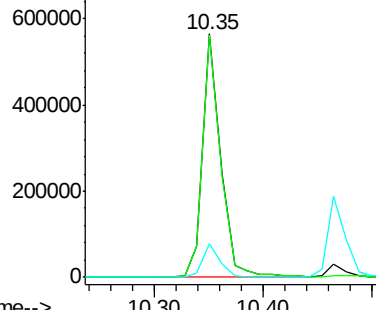
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	648846		
165	99.6	79.0	118.6	
167	14.0	10.6	15.8	

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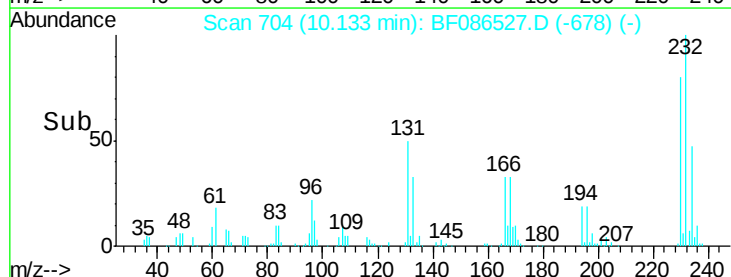
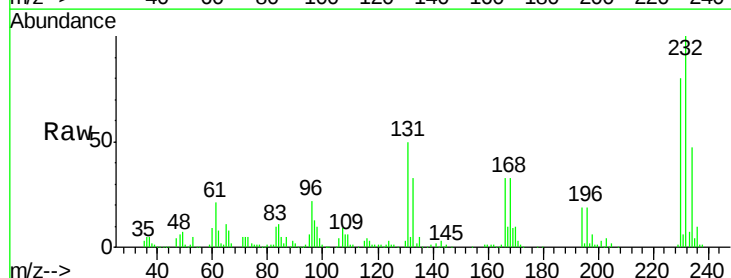
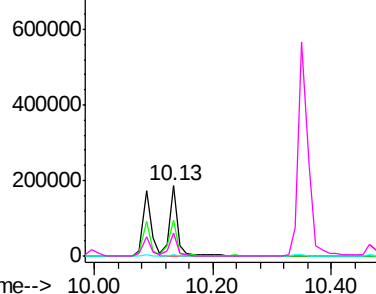
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

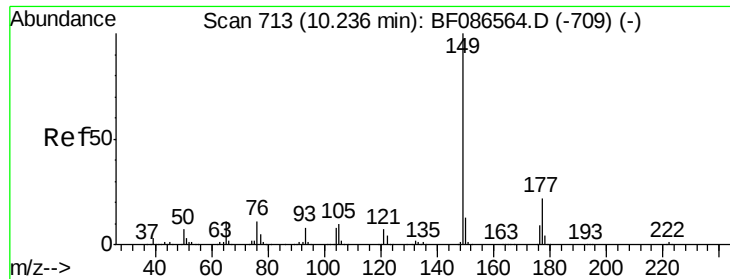


#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.21 ng
 RT: 10.13 min Scan# 704
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	184303		
131	51.3	41.9	62.9	
130	2.5	2.2	3.4	
166	31.0	26.8	40.2	

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





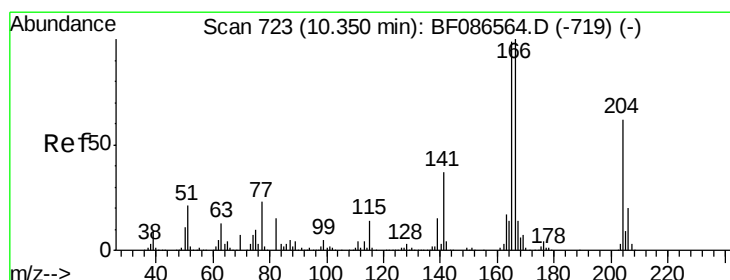
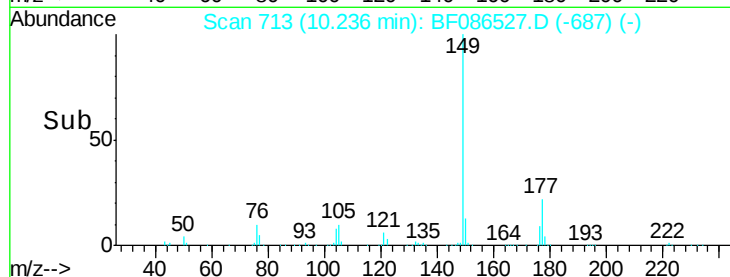
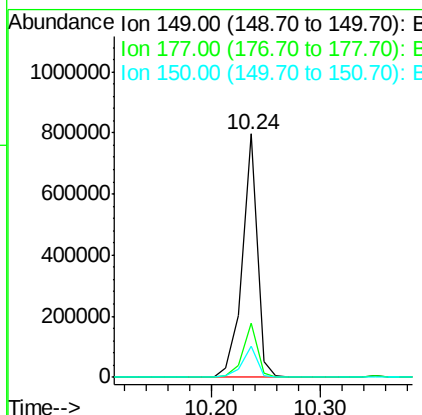
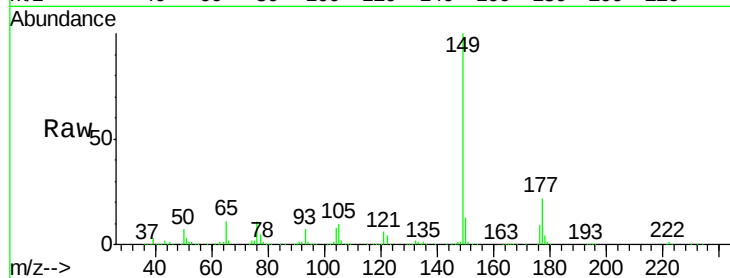
#59
Diethylphthalate
Concen: 37.10 ng
RT: 10.24 min Scan# 713
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB90147BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	748726		
177	22.4	16.6	24.8	
150	12.9	10.0	15.0	

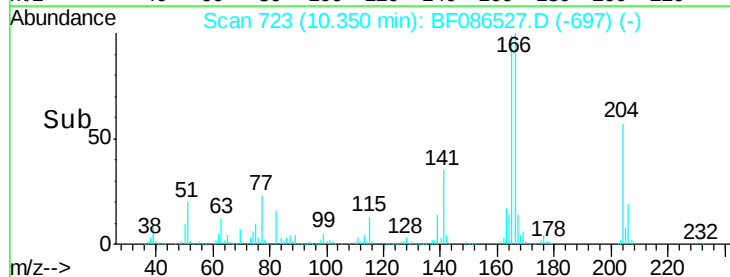
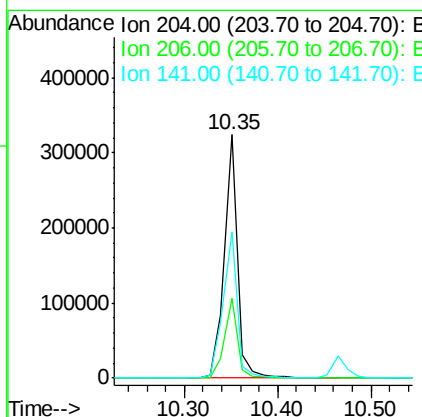
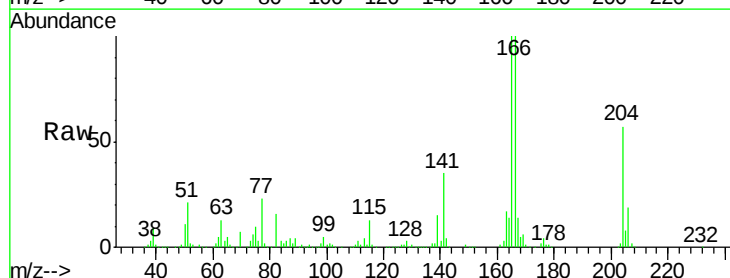
Manual Integrations
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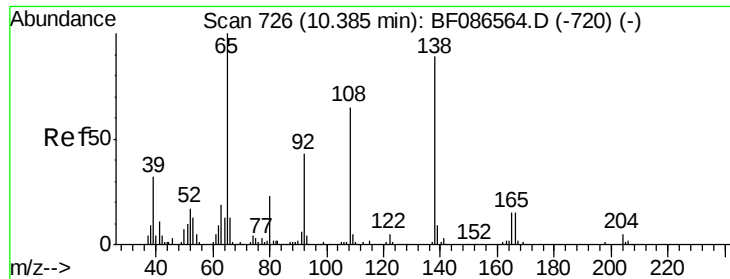
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#60
4-Chlorophenyl-phenylether
Concen: 35.85 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	319192		
206	32.5	25.4	38.0	
141	60.3	61.6	92.4#	





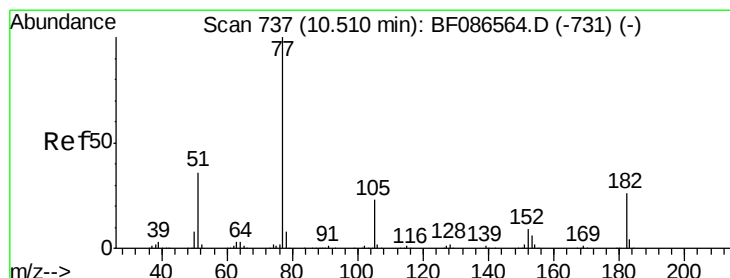
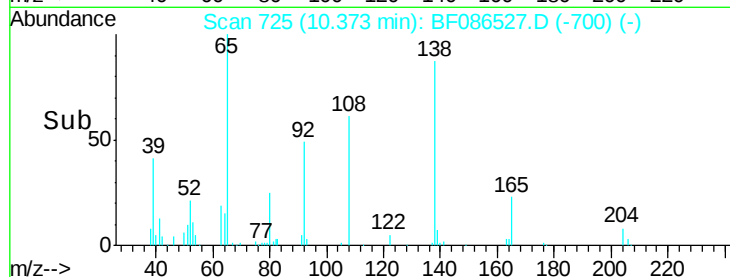
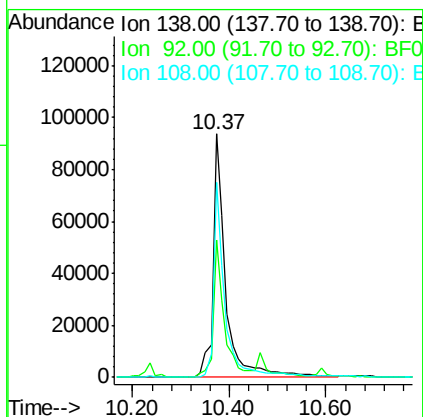
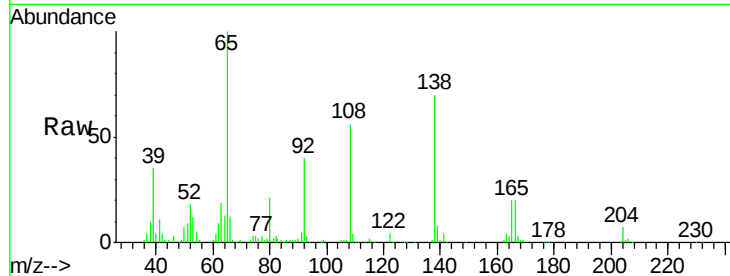
#61
4-Nitroaniline
Concen: 36.03 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB90147BS

Tgt Ion: 138 Resp: 176430
Ion Ratio Lower Upper
138 100
92 56.7 24.7 64.7
108 80.0 37.4 77.4#

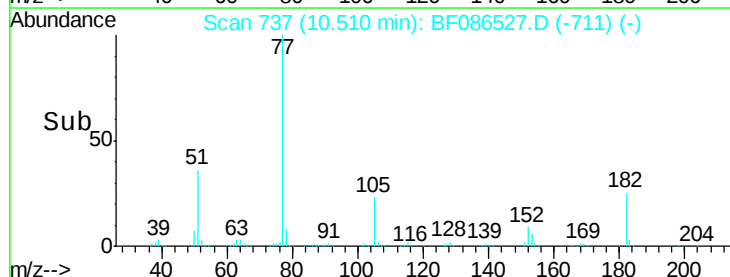
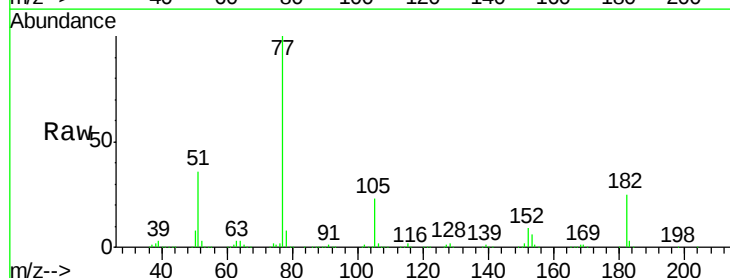
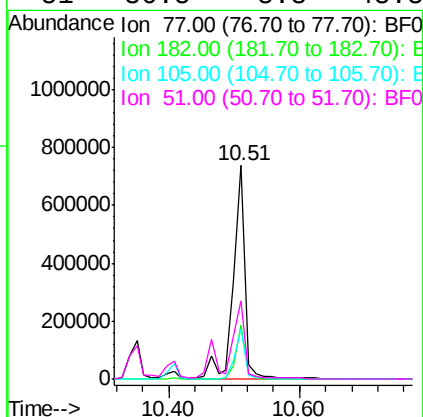
Manual Integrations
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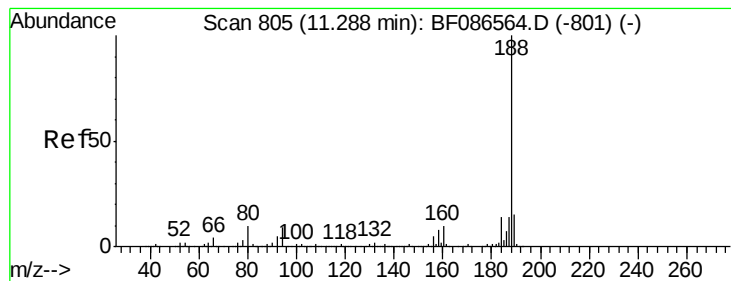
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#62
Azobenzene
Concen: 40.33 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion: 77 Resp: 891696
Ion Ratio Lower Upper
77 100
182 25.2 0.0 38.8
105 23.1 3.2 43.2
51 36.5 8.8 48.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

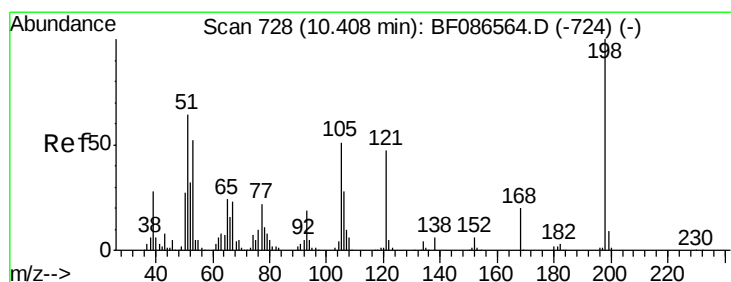
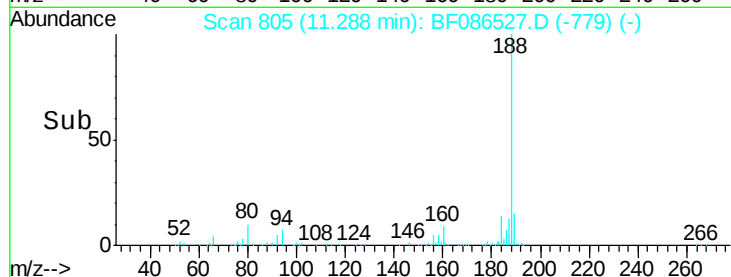
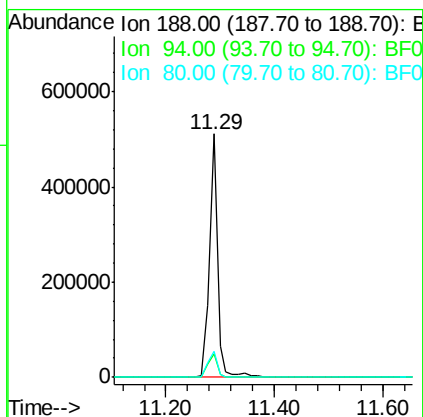
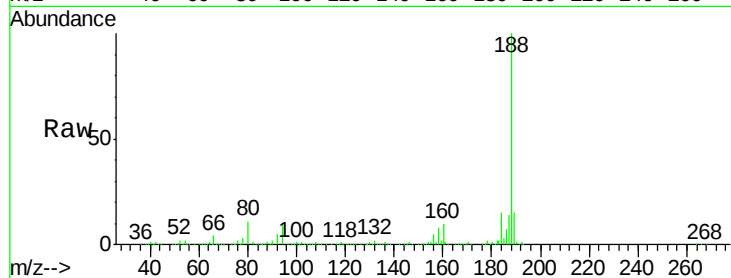
ClientSampleId :

PB90147BS

Tgt Ion:	188	Resp:	538882
Ion Ratio	Lower	Upper	
188	100		
94	9.9	6.8	10.2
80	10.5	7.1	10.7

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#64

4,6-Dinitro-2-methylphenol

Concen: 38.75 ng

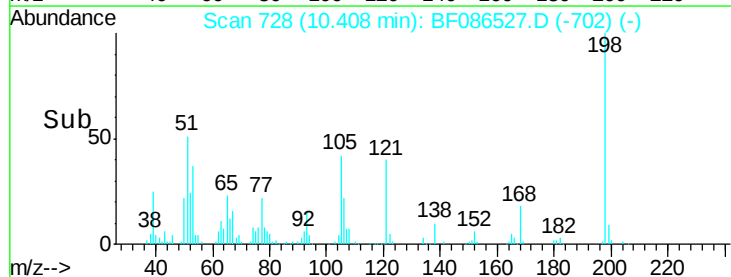
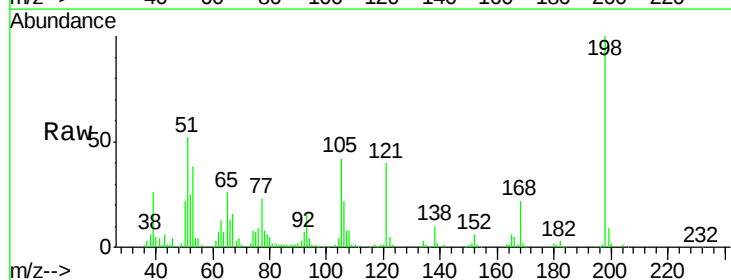
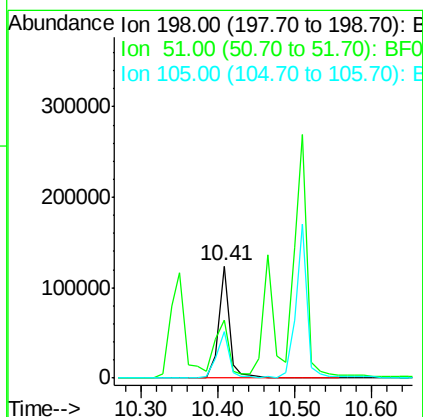
RT: 10.41 min Scan# 728

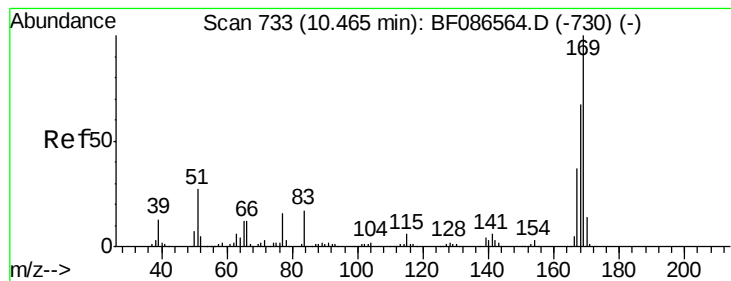
Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Tgt Ion:	198	Resp:	122590
Ion Ratio	Lower	Upper	
198	100		
51	51.6	20.5	60.5
105	41.9	24.5	64.5





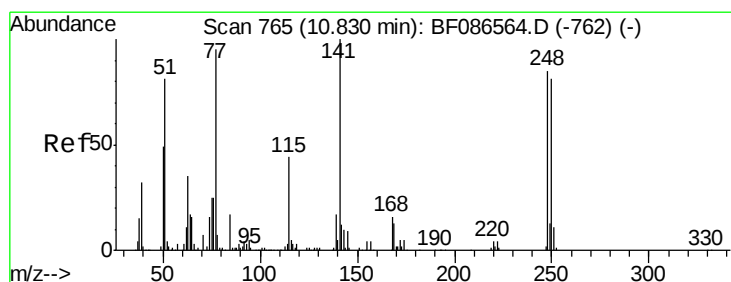
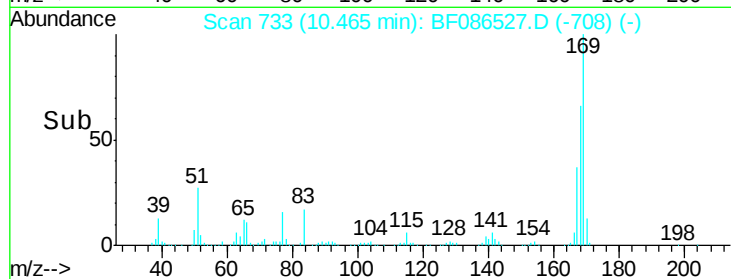
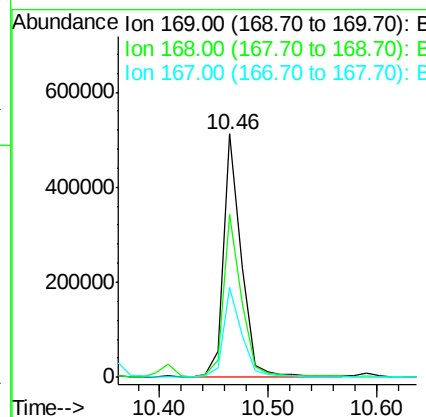
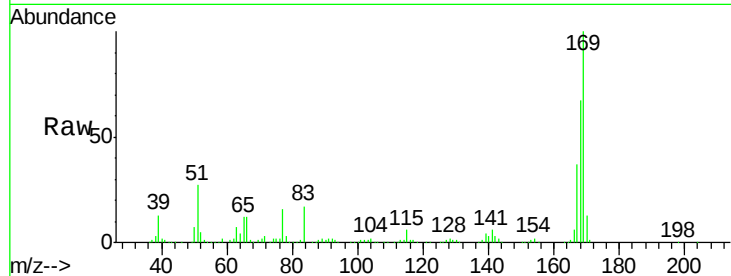
#65
 n-Nitrosodiphenylamine
 Concen: 35.30 ng
 RT: 10.46 min Scan# 733
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	594452		
168	66.8	53.8	80.6	
167	37.0	29.5	44.3	

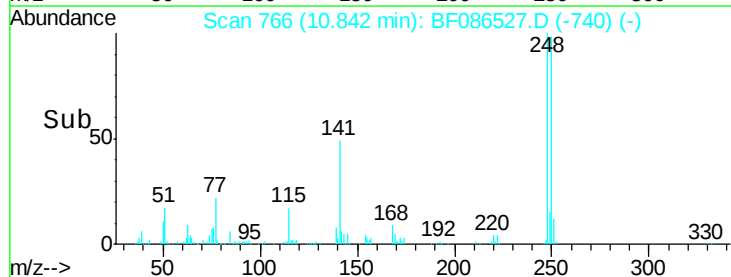
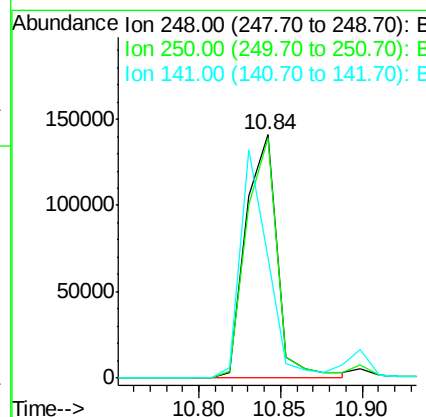
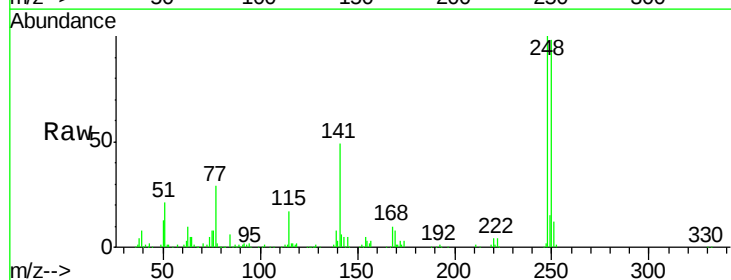
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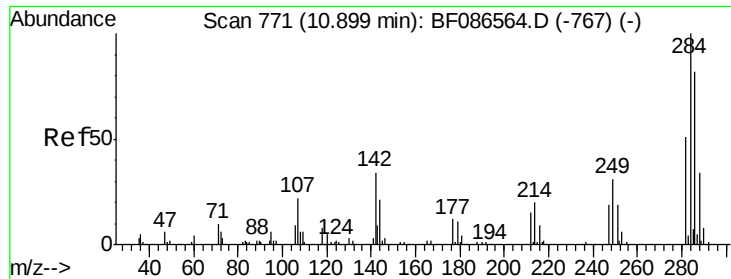
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#66
 4-Bromophenyl-phenylether
 Concen: 33.79 ng
 RT: 10.84 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	187618		
250	98.3	78.6	117.8	
141	49.4	76.0	114.0	





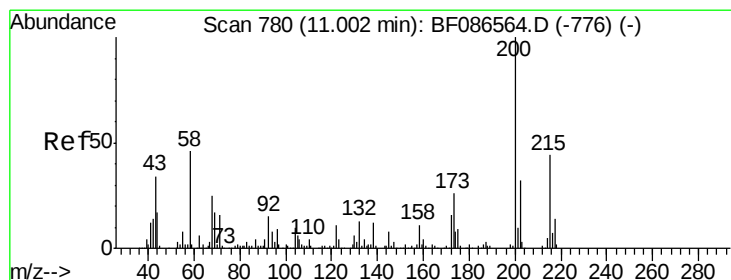
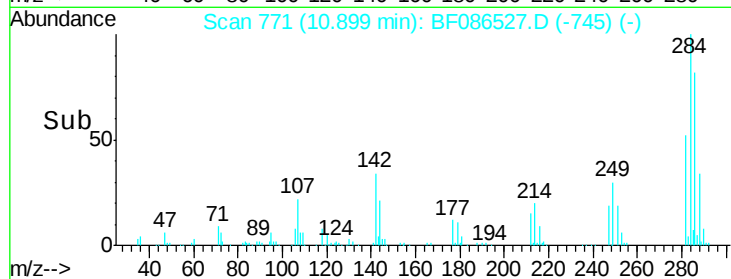
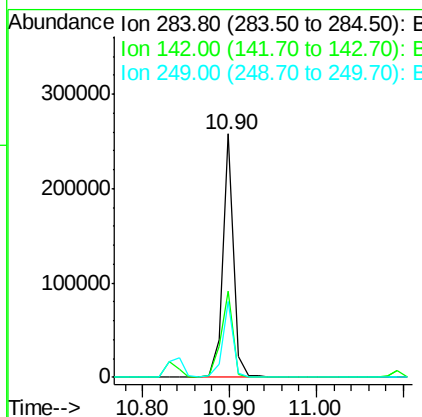
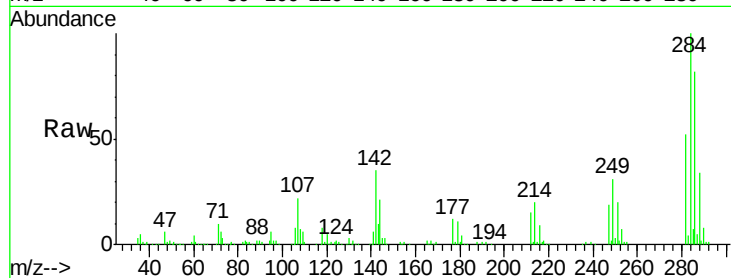
#67
Hexachlorobenzene
Concen: 35.04 ng
RT: 10.90 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB90147BS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	225224		
142	35.4	16.7	25.1#	
249	31.0	21.3	31.9	

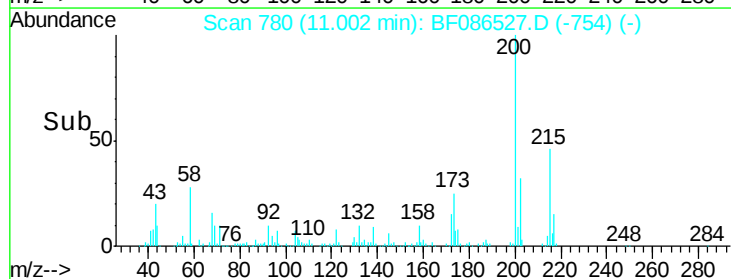
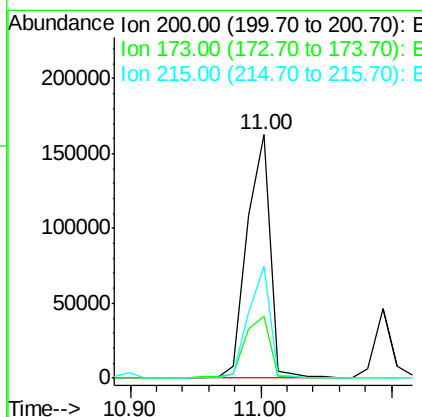
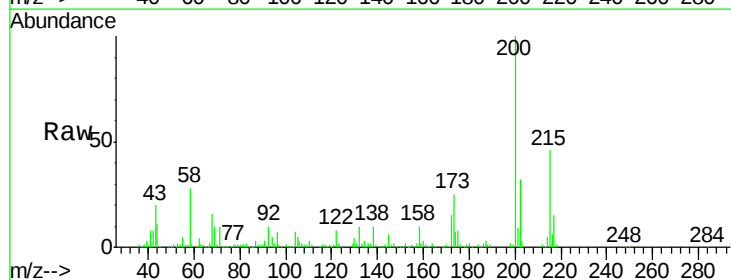
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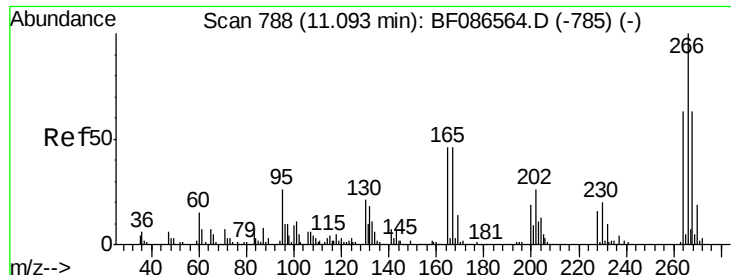
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#68
Atrazine
Concen: 39.22 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	198348		
173	25.3	8.5	48.5	
215	45.7	27.2	67.2	





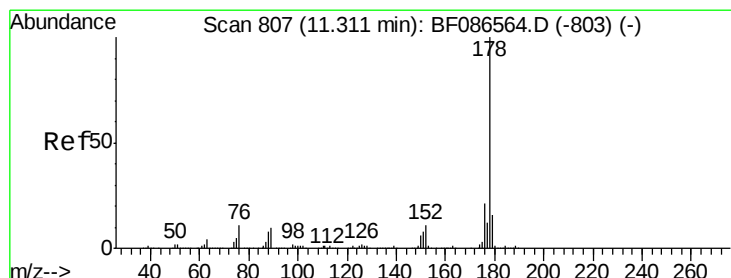
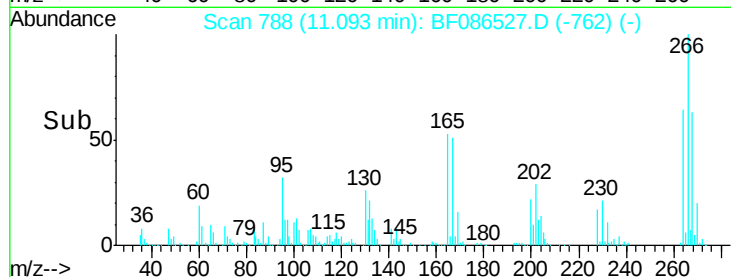
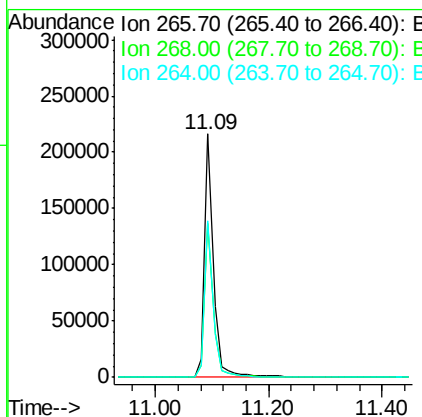
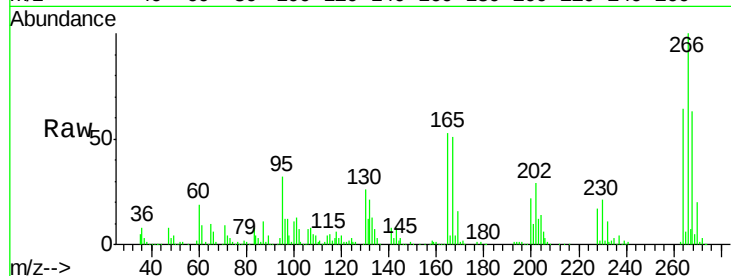
#69
 Pentachlorophenol
 Concen: 67.14 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	227513		
268	63.3	51.5	77.3	
264	64.4	52.9	79.3	

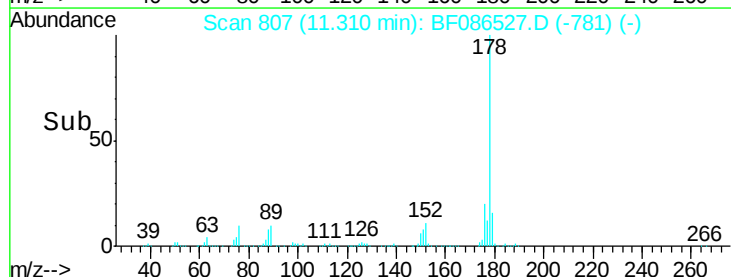
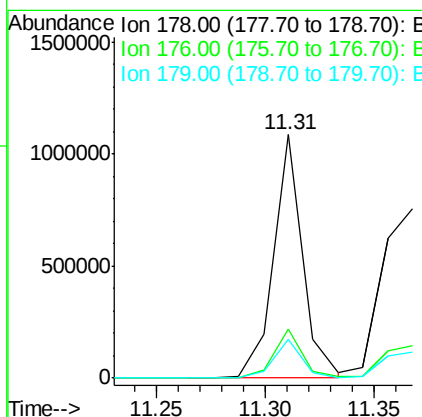
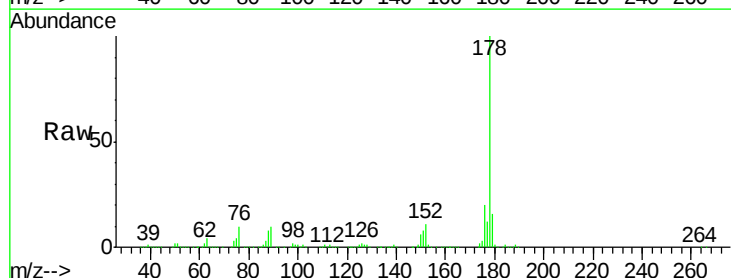
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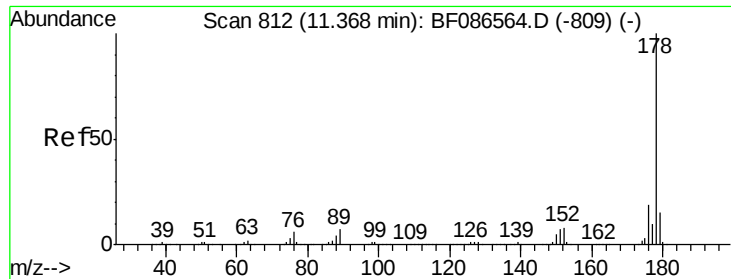
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#70
 Phenanthrene
 Concen: 36.06 ng
 RT: 11.31 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1019784		
176	20.2	16.0	24.0	
179	15.9	12.6	18.8	





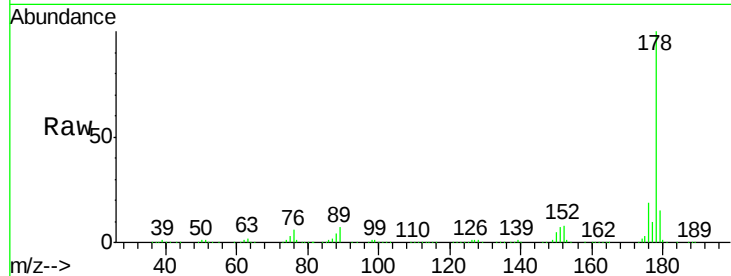
#71
 Anthracene
 Concen: 37.08 ng
 RT: 11.37 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

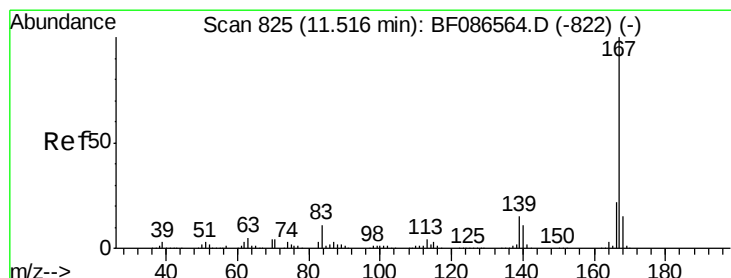
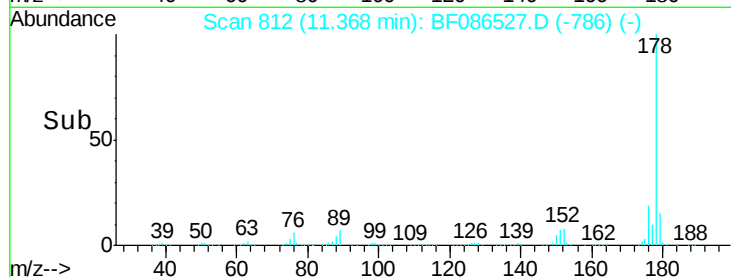
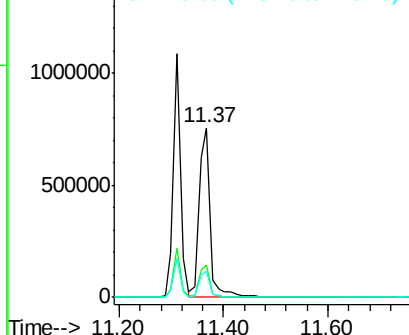
Tgt Ion:178 Resp: 1119059
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.4 12.7 19.1

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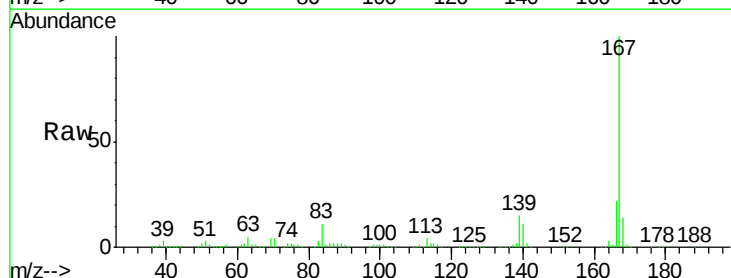


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

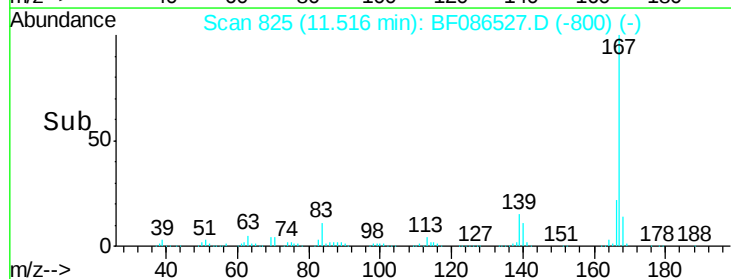
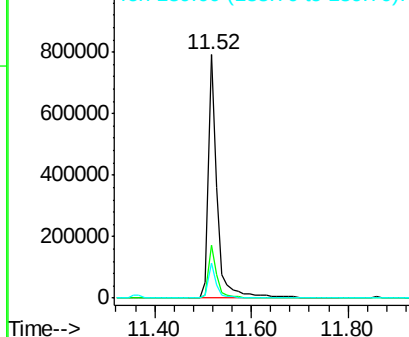


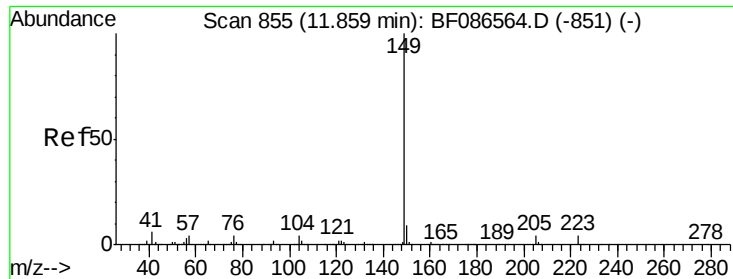
#72
 Carbazole
 Concen: 37.80 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion:167 Resp: 1011029
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.5 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: 37.74 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

PB90147BS

Tgt Ion:149 Resp: 1143765

Ion Ratio Lower Upper

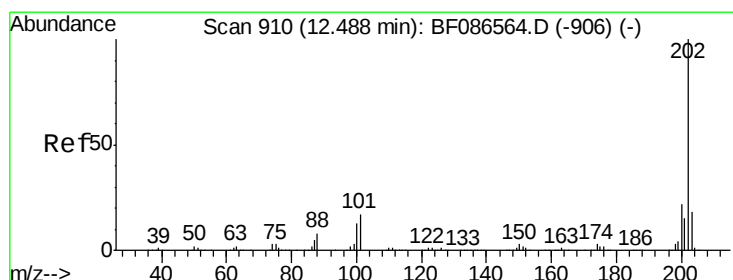
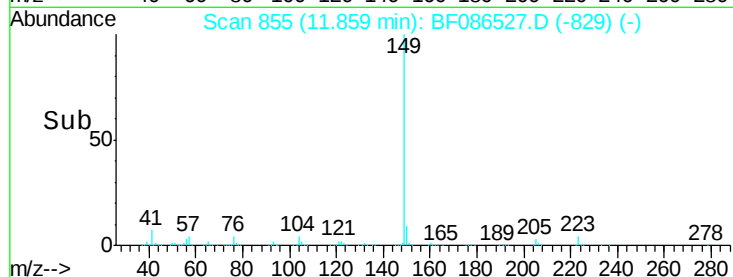
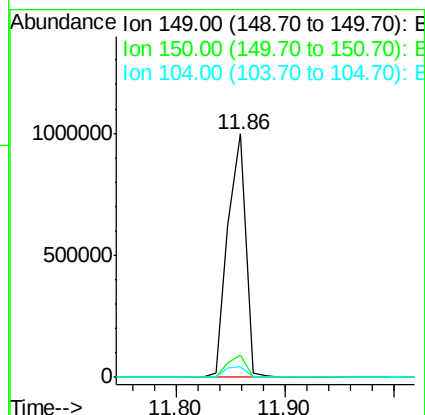
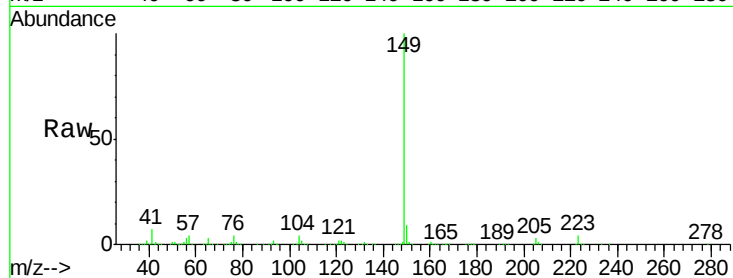
149 100

150 9.1 7.6 11.4

104 4.4 3.8 5.6

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#74

Fluoranthene

Concen: 38.99 ng

RT: 12.49 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

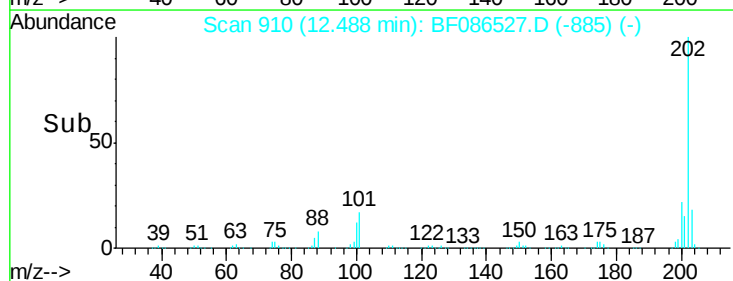
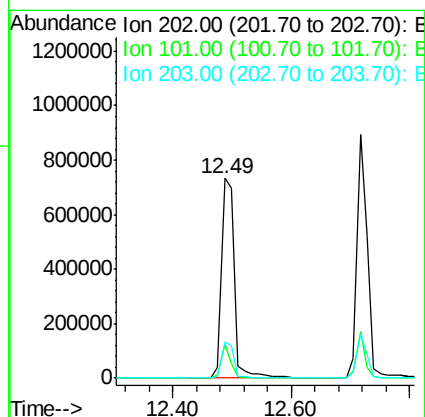
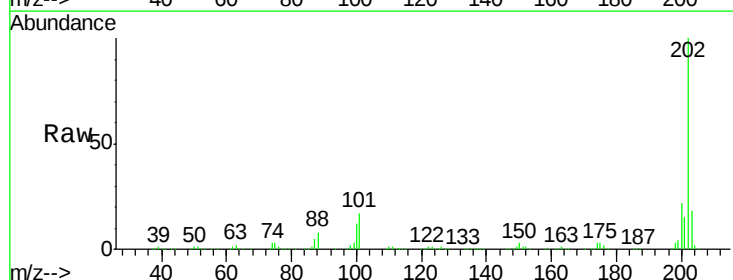
Tgt Ion:202 Resp: 1113097

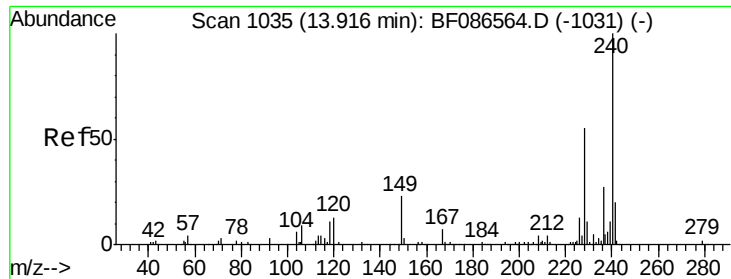
Ion Ratio Lower Upper

202 100

101 17.0 0.0 35.4

203 18.2 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: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

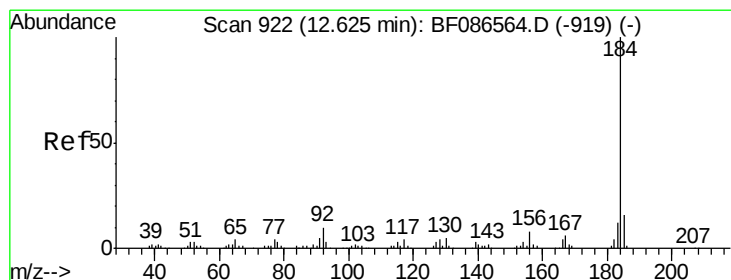
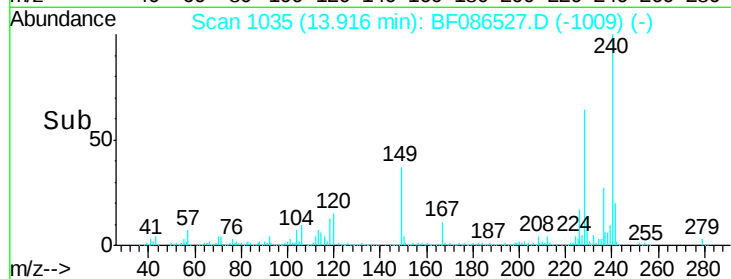
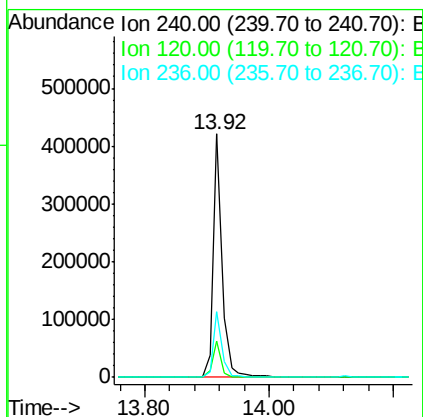
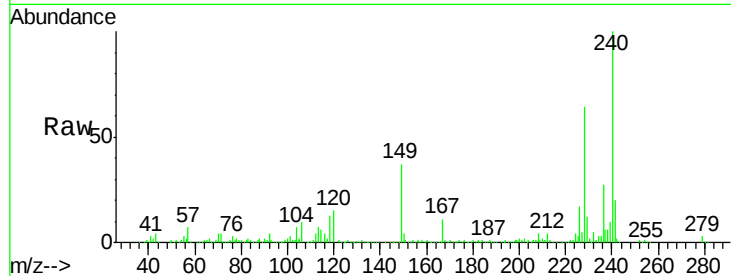
ClientSampleId :

PB90147BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	420092		
120	14.8	11.2	16.8	
236	26.8	21.2	31.8	

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#76

Benzidine

Concen: 15.82 ng

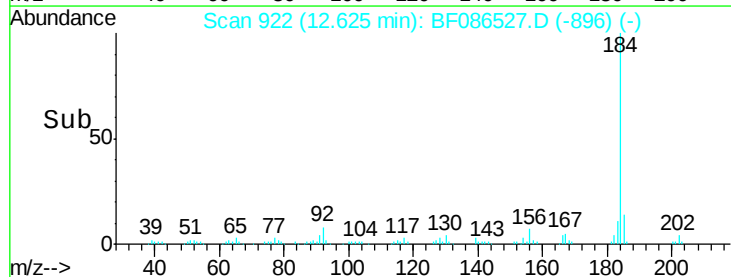
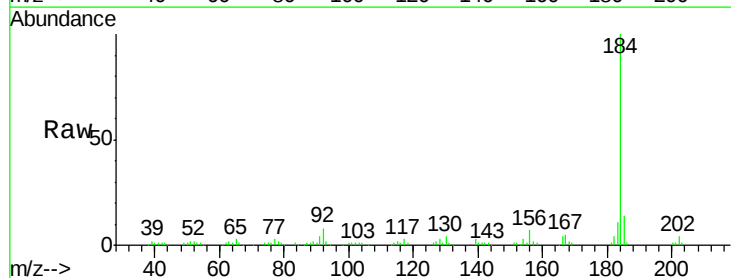
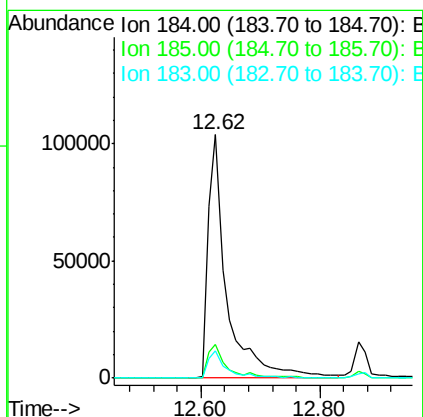
RT: 12.62 min Scan# 922

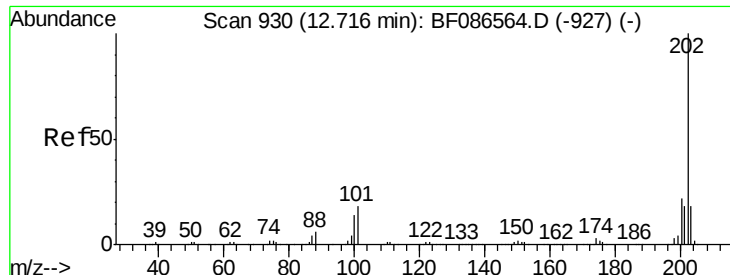
Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	228319		
185	14.0	13.6	20.4	
183	11.4	9.8	14.6	





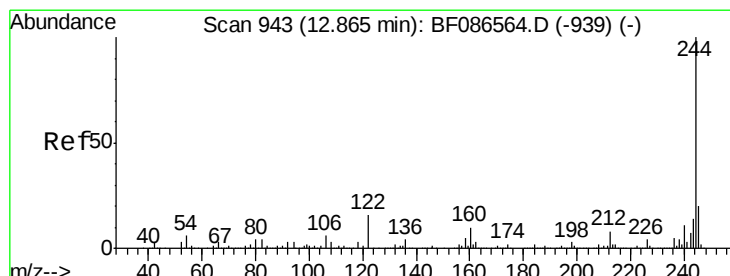
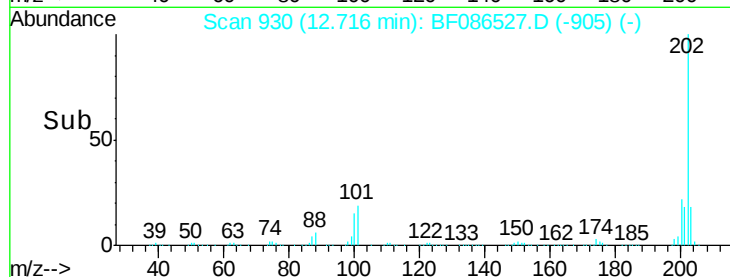
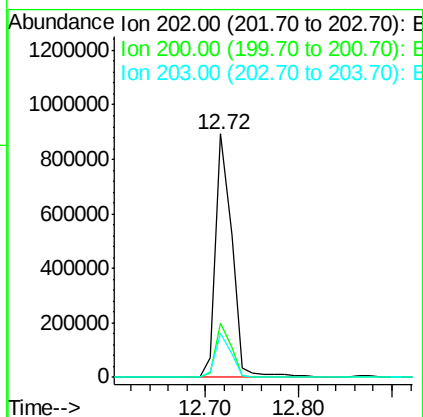
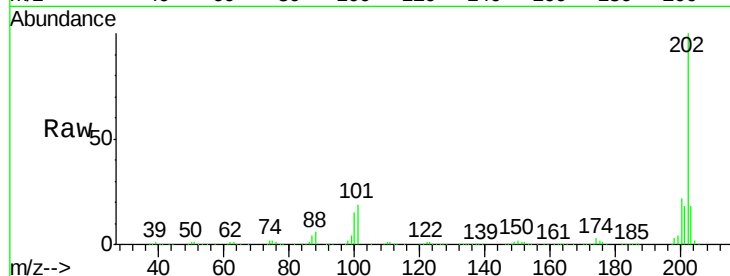
#77
Pyrene
 Concen: 35.54 ng
 RT: 12.72 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.3	14.2	21.4

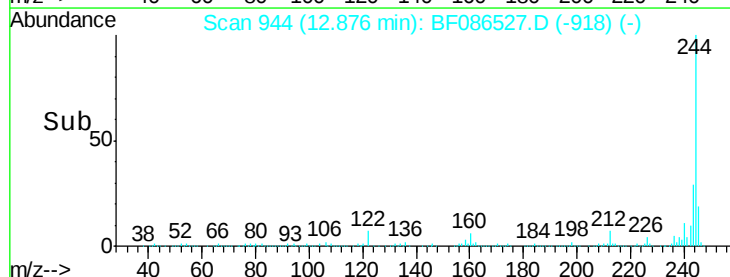
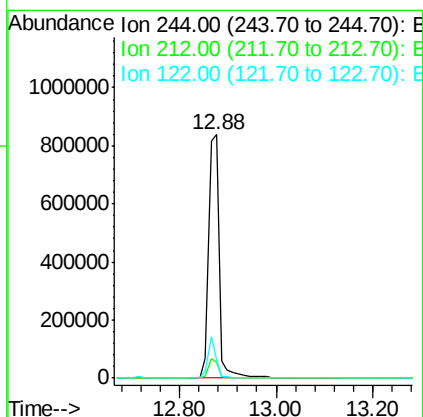
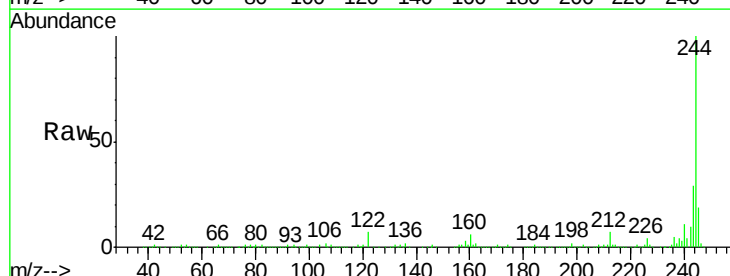
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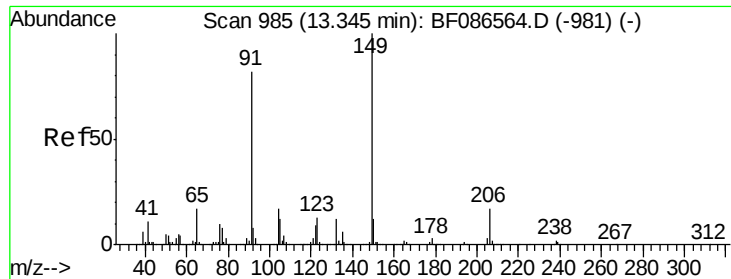
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#78
Terphenyl-d14
 Concen: 68.24 ng
 RT: 12.88 min Scan# 944
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.2	9.2
122	7.3	12.0	18.0#





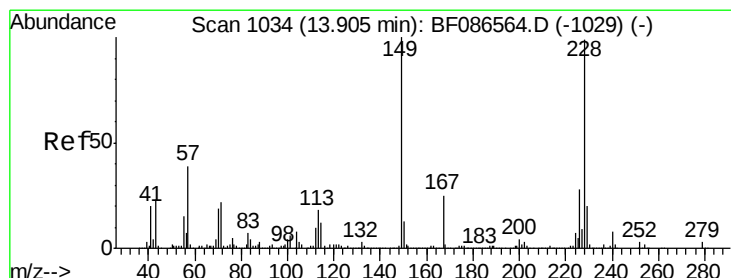
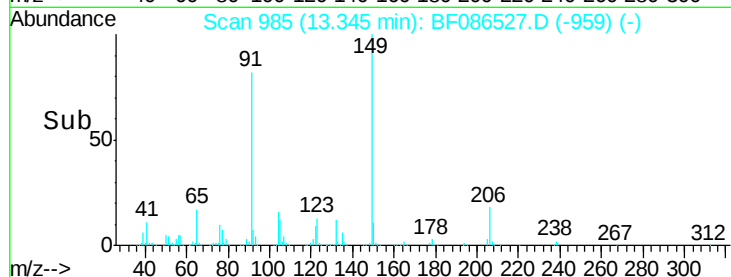
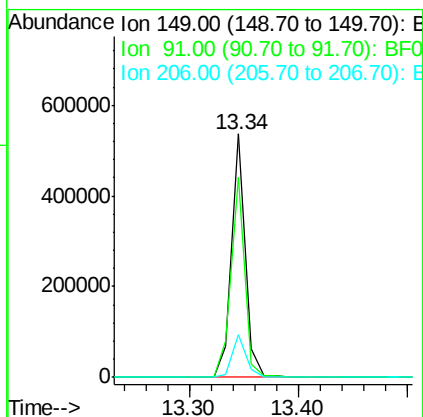
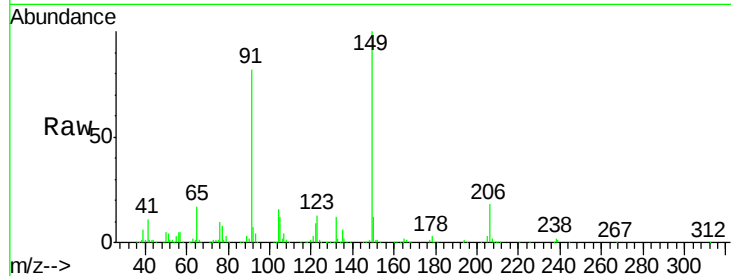
#79
Butylbenzylphthalate
Concen: 35.70 ng
RT: 13.34 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB90147BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	467976		
91	82.0	48.0	72.0#	
206	17.5	15.8	23.6	

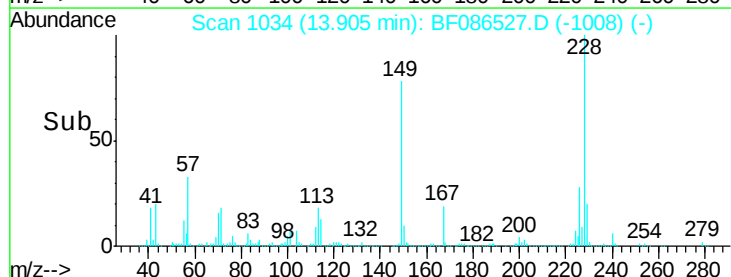
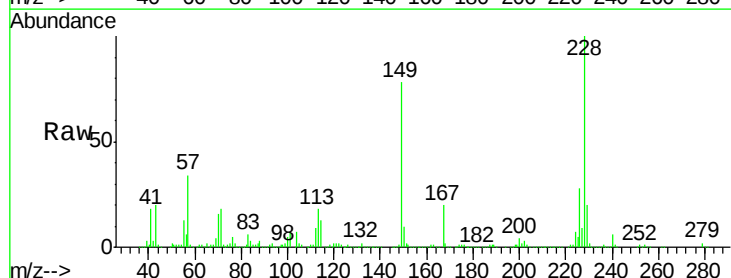
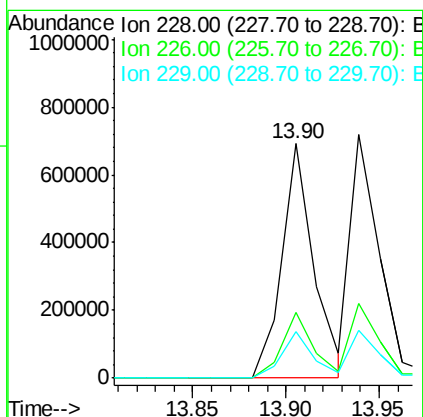
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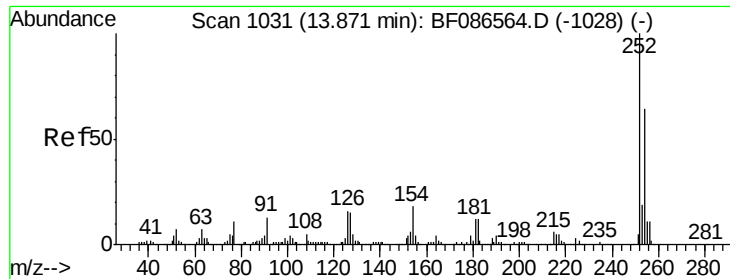
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#80
Benzo(a)anthracene
Concen: 36.93 ng
RT: 13.90 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	827115		
226	28.2	22.5	33.7	
229	20.1	16.6	25.0	





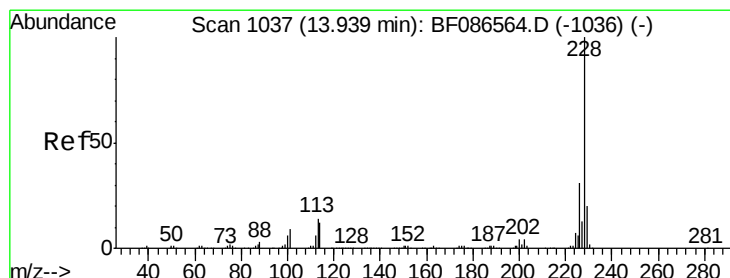
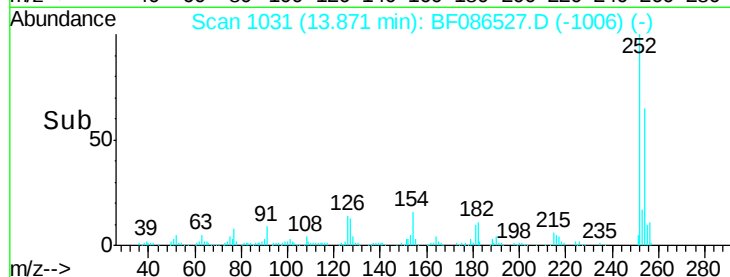
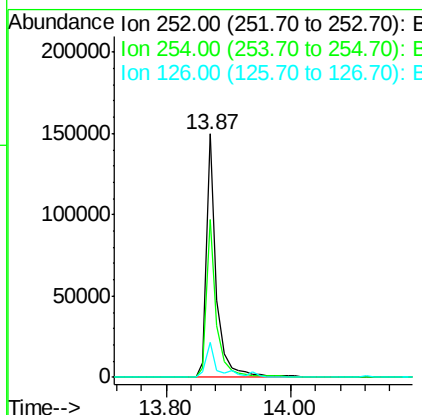
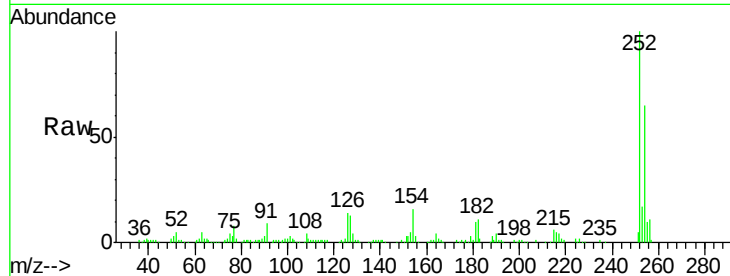
#81
 3,3'-Dichlorobenzidine
 Concen: 11.32 ng
 RT: 13.87 min Scan# 1031
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.1	50.7	76.1
126	14.2	12.7	19.1

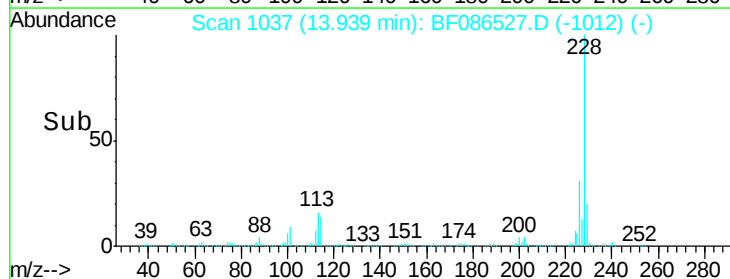
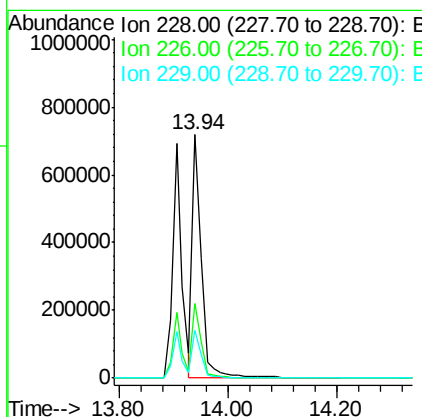
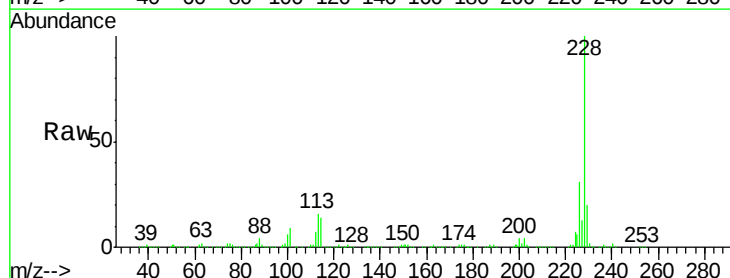
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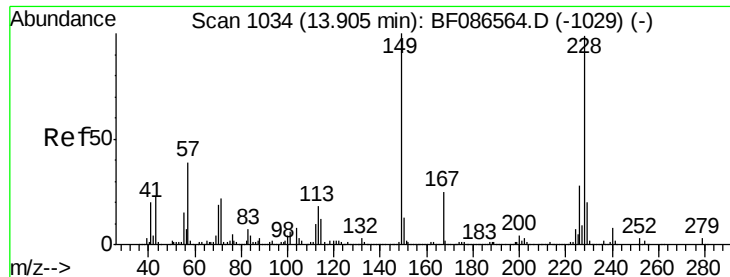
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#82
 Chrysene
 Concen: 34.37 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.6	24.4	36.6
229	19.8	15.8	23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 31.49 ng

RT: 13.90 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

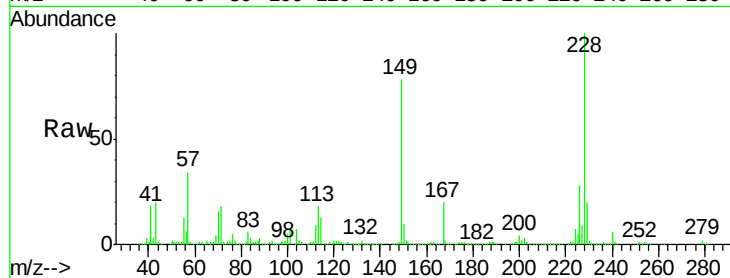
ClientSampleId :

PB90147BS

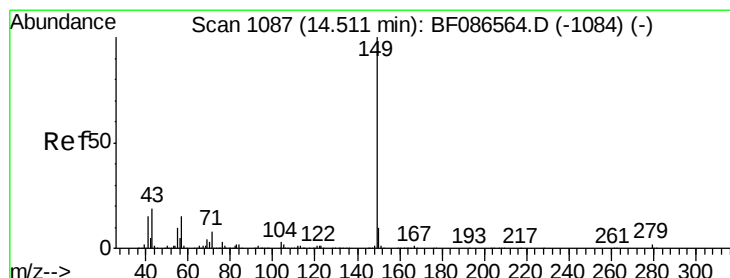
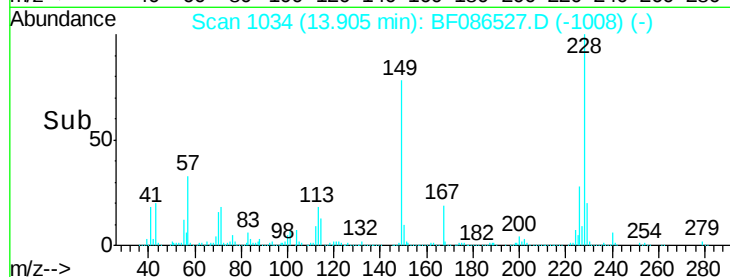
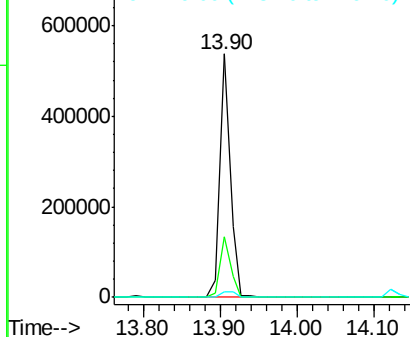
Tgt Ion:	149	Resp:	512531
Ion Ratio	Lower	Upper	
149	100		
167	25.1	21.8	32.6
279	2.4	2.6	4.0#

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



#84

Di-n-octyl phthalate

Concen: 32.58 ng

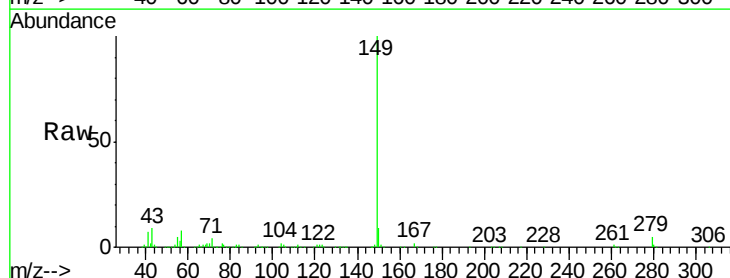
RT: 14.52 min Scan# 1088

Delta R.T. -0.00 min

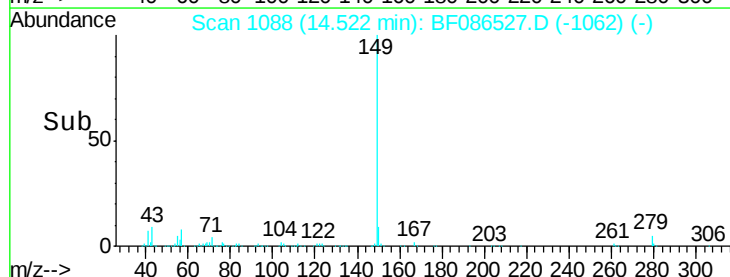
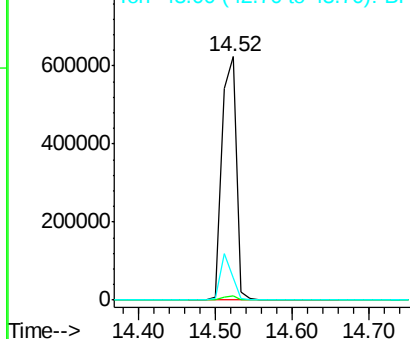
Lab File: BF086527.D

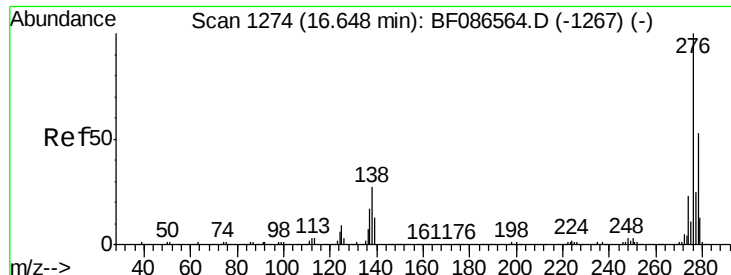
Acq: 30 Apr 2016 16:52

Tgt Ion:	149	Resp:	830268
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	14.8	8.2	12.4#



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





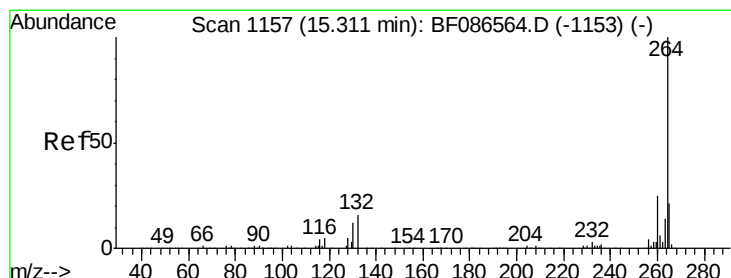
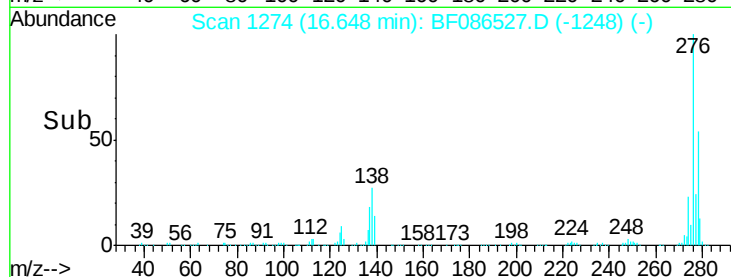
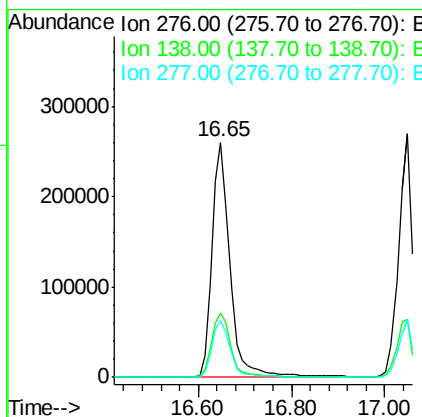
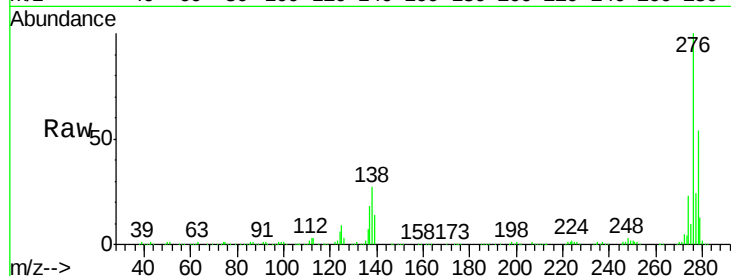
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.91 ng
 RT: 16.65 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	25.6	38.4
277	25.2	20.5	30.7

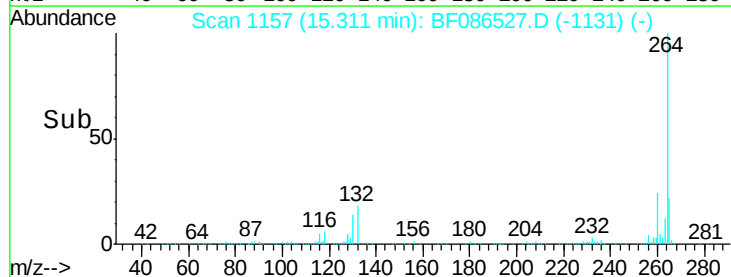
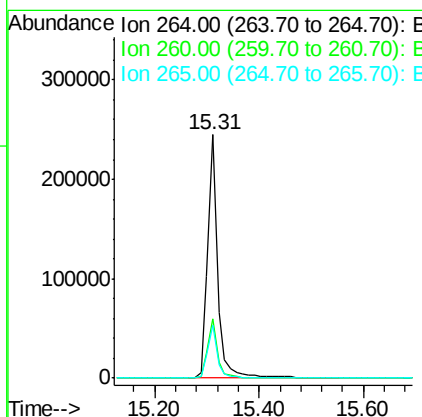
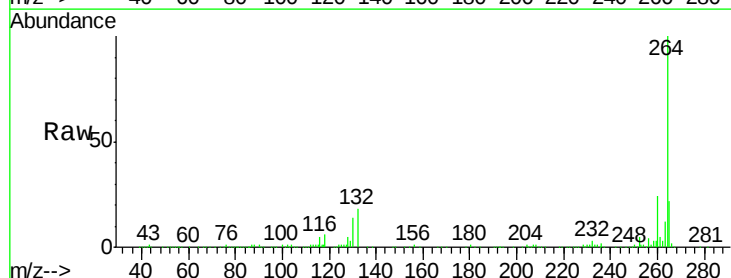
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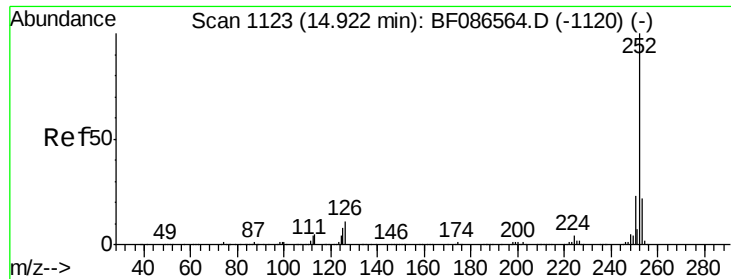
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 40.23 ng m

RT: 14.92 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Instrument :

BNA_F

ClientSampleId :

PB90147BS

Tgt Ion: 252 Resp: 772303

Ion Ratio Lower Upper

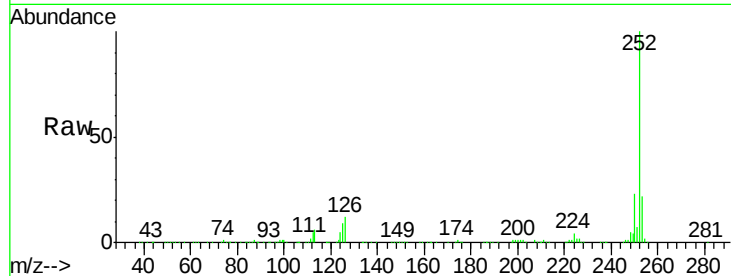
252 100

253 22.3 17.8 26.6

125 9.0 11.4 17.0#

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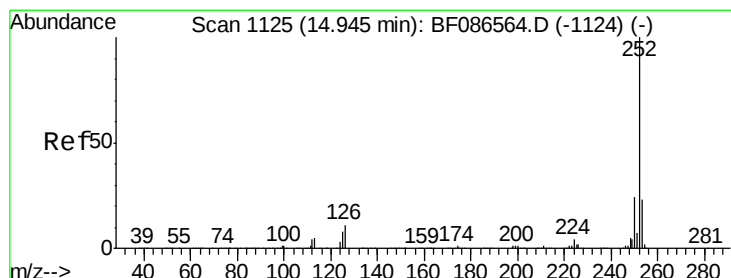
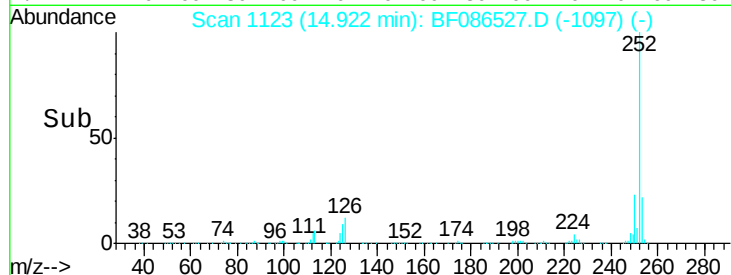
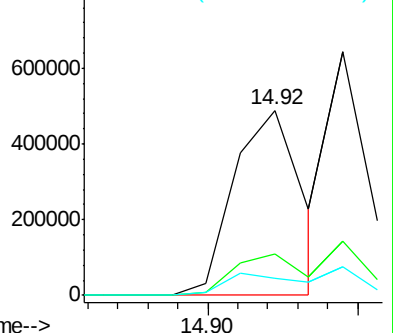
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 34.23 ng m

RT: 14.95 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF086527.D

Acq: 30 Apr 2016 16:52

Tgt Ion: 252 Resp: 685458

Ion Ratio Lower Upper

252 100

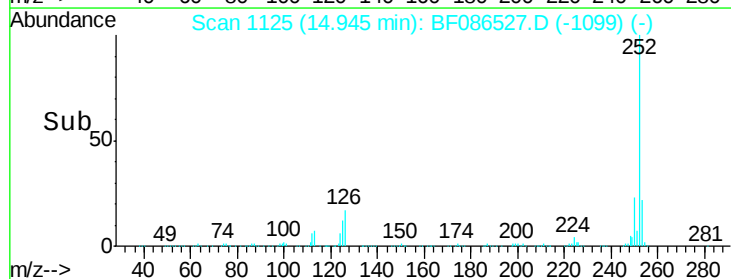
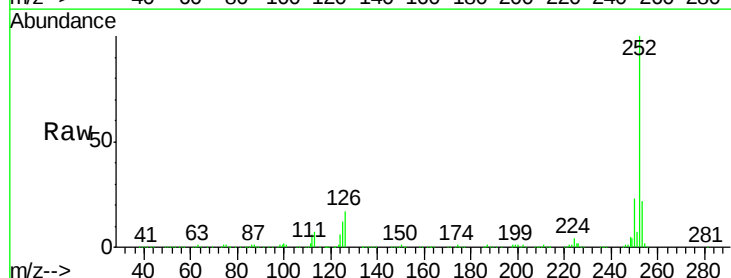
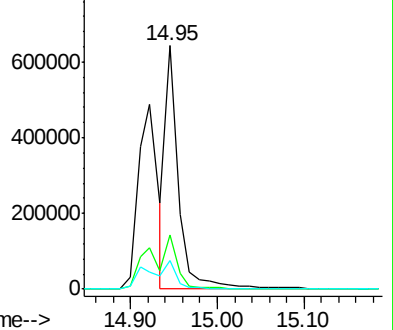
253 22.2 17.8 26.6

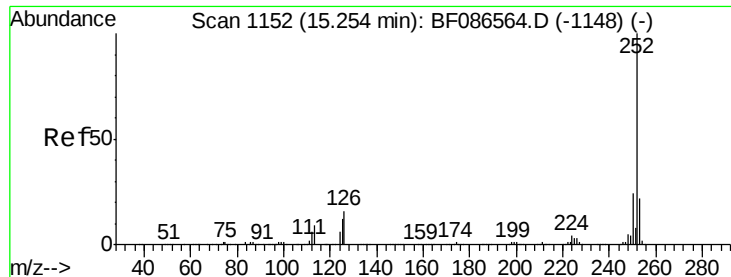
125 11.7 9.1 13.7

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





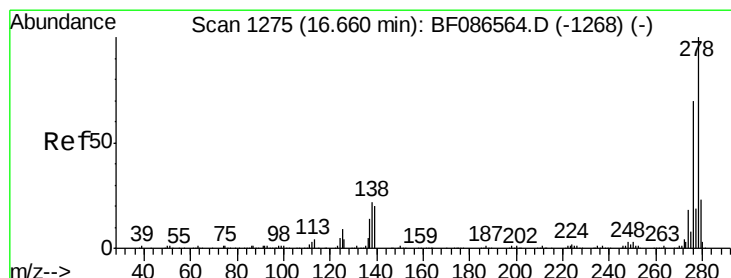
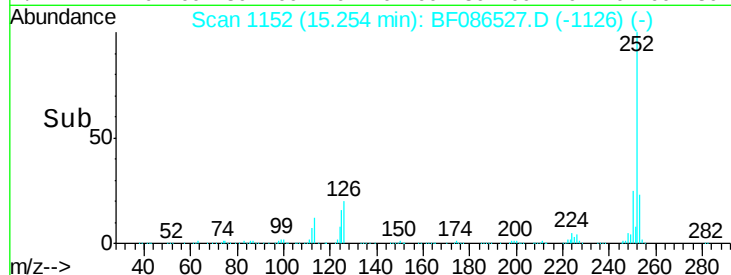
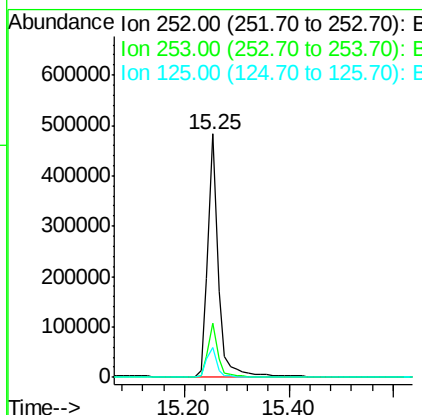
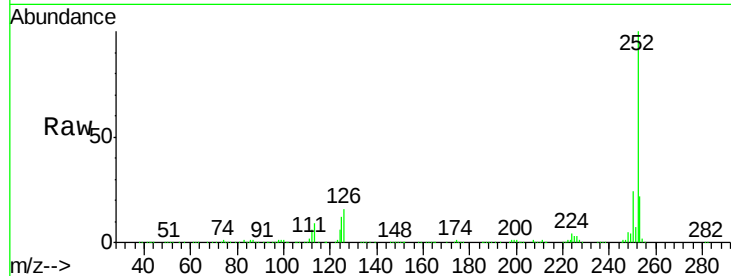
#89
Benzo(a)pyrene
Concen: 37.13 ng
RT: 15.25 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Instrument :
BNA_F
ClientSampleId :
PB90147BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	12.1	9.0	13.6

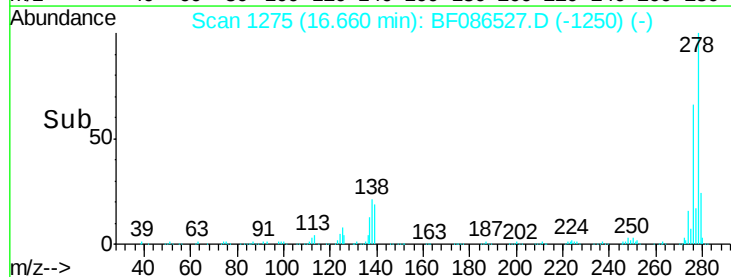
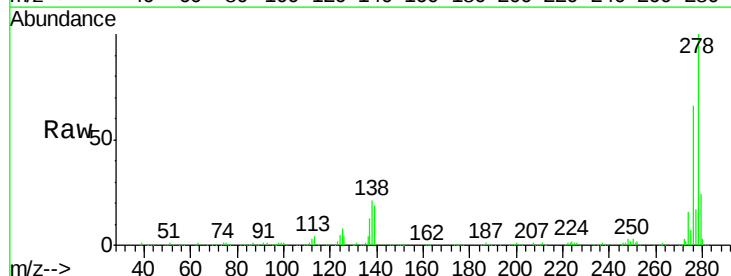
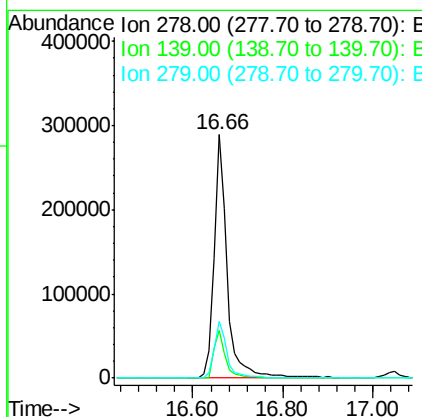
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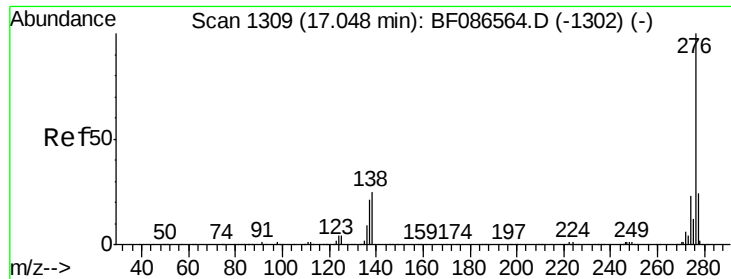
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#90
Dibenzo(a,h)anthracene
Concen: 39.63 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF086527.D
Acq: 30 Apr 2016 16:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.4	16.6	24.8
279	23.5	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 39.85 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF086527.D
 Acq: 30 Apr 2016 16:52

Instrument :
 BNA_F
 ClientSampleId :
 PB90147BS

Tgt Ion:	276	Resp:	592402
Ion Ratio	Lower	Upper	
276	100		
277	23.8	19.6	29.4
138	23.6	23.6	35.4

Manual Integrations
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