

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052316\
 Data File : BF087314.D
 Acq On : 23 May 2016 22:50
 Operator : UM/SJ
 Sample : PB90662BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Manual Integrations
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umangi
 5/24/2016 7:39:25 PM

Quant Time: May 24 02:12:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 01:40:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	145772	20.00	ng	0.00
21) Naphthalene-d8	9.64	136	607006	20.00	ng	0.00
38) Acenaphthene-d10	12.48	164	288818	20.00	ng	0.00
63) Phenanthrene-d10	14.88	188	531756	20.00	ng	0.00
75) Chrysene-d12	18.56	240	430670	20.00	ng	0.00
86) Perylene-d12	20.23	264	324520	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	737140	88.86	ng	0.02
7) Phenol-d6	7.15	99	977608	87.21	ng	-0.01
23) Nitrobenzene-d5	8.52	82	973636	80.84	ng	-0.01
41) 2,4,6-Tribromophenol	13.77	330	226925	81.76	ng	-0.01
44) 2-Fluorobiphenyl	11.43	172	1594524	77.83	ng	0.00
78) Terphenyl-d14	17.21	244	1496838	73.89	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	152926	34.94	ng	# 65
3) Pyridine	2.64	79	356680	37.27	ng	# 67
4) n-Nitrosodimethylamine	2.62	42	317679	43.08	ng	# 49
6) Aniline	7.12	93	303007	20.90	ng	91
8) 2-Chlorophenol	7.29	128	455966	44.07	ng	87
9) Benzaldehyde	6.97	77	30292	4.89	ng	99
10) Phenol	7.18	94	607305	49.61	ng	84
11) bis(2-Chloroethyl)ether	7.26	93	424481	42.84	ng	89
12) 1,3-Dichlorobenzene	7.51	146	457041	40.50	ng	# 92
13) 1,4-Dichlorobenzene	7.63	146	473792m	40.90	ng	
14) 1,2-Dichlorobenzene	7.87	146	453755	42.35	ng	99
15) Benzyl Alcohol	7.91	79	403913	49.42	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.10	45	893388	40.08	ng	88
17) 2-Methylphenol	8.12	107	368225	44.41	ng	# 91
18) Hexachloroethane	8.39	117	176732	40.89	ng	95
19) n-Nitroso-di-n-propylamine	8.33	70	367874	44.00	ng	# 71
20) 3+4-Methylphenols	8.38	107	465404	46.43	ng	# 59
22) Acetophenone	8.30	105	646407	44.57	ng	# 98
24) Nitrobenzene	8.56	77	529180	41.62	ng	98
25) Isophorone	8.95	82	927660	42.95	ng	99
26) 2-Nitrophenol	9.06	139	234035	45.03	ng	# 75
27) 2,4-Dimethylphenol	9.20	122	397456	44.06	ng	87
28) bis(2-Chloroethoxy)methane	9.34	93	564661	46.41	ng	98
29) 2,4-Dichlorophenol	9.47	162	373716	45.97	ng	97
30) 1,2,4-Trichlorobenzene	9.56	180	393297	42.26	ng	96
31) Naphthalene	9.68	128	1303036	42.84	ng	100
32) Benzoic acid	9.54	122	203989	44.41	ng	# 80
33) 4-Chloroaniline	9.84	127	142220	12.69	ng	# 94
34) Hexachlorobutadiene	9.88	225	231897	40.99	ng	99
35) Caprolactam	10.46	113	114854m	48.40	ng	
36) 4-Chloro-3-methylphenol	10.69	107	407178	44.30	ng	89
37) 2-Methylnaphthalene	10.80	142	834611	43.92	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	11.09	216	371295	40.16	ng	98
40) Hexachlorocyclopentadiene	11.05	237	308702	81.00	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.30	196	226058	42.36	ng	96
43) 2,4,5-Trichlorophenol	11.38	196	235127	43.27	ng #	84
45) 1,1'-Biphenyl	11.58	154	1026183	42.20	ng	97
46) 2-Chloronaphthalene	11.59	162	753948	40.53	ng	92
47) 2-Nitroaniline	11.81	65	291497	43.49	ng #	76
48) Acenaphthylene	12.25	152	1228815	41.72	ng	99
49) Dimethylphthalate	12.14	163	965864	41.75	ng	99
50) 2,6-Dinitrotoluene	12.23	165	204492	43.86	ng #	88
51) Acenaphthene	12.54	154	762515	42.12	ng	98
52) 3-Nitroaniline	12.49	138	93700	19.58	ng #	93
53) 2,4-Dinitrophenol	12.69	184	190499	79.86	ng #	84
54) Dibenzofuran	12.82	168	1111333	45.34	ng	97
55) 4-Nitrophenol	12.87	139	213284	93.45	ng #	70
56) 2,4-Dinitrotoluene	12.88	165	266134	42.71	ng #	88
57) Fluorene	13.37	166	878018	41.31	ng	99
58) 2,3,4,6-Tetrachlorophenol	13.05	232	203845	48.76	ng	99
59) Diethylphthalate	13.28	149	921307	40.96	ng	99
60) 4-Chlorophenyl-phenylether	13.39	204	430131	41.50	ng	98
61) 4-Nitroaniline	13.50	138	174551	39.09	ng #	67
62) Azobenzene	13.66	77	1093300	46.85	ng	87
64) 4,6-Dinitro-2-methylphenol	13.55	198	145028	42.89	ng	84
65) n-Nitrosodiphenylamine	13.61	169	736639	42.84	ng	100
66) 4-Bromophenyl-phenylether	14.18	248	243885	41.92	ng	98
67) Hexachlorobenzene	14.25	284	255746	42.03	ng #	64
68) Atrazine	14.53	200	201912	36.83	ng	95
69) Pentachlorophenol	14.62	266	167041	87.70	ng	98
70) Phenanthrene	14.93	178	1285779	43.65	ng	99
71) Anthracene	15.01	178	1302853	43.79	ng	100
72) Carbazole	15.29	167	1148990	45.27	ng	99
73) Di-n-butylphthalate	15.85	149	1432633	43.65	ng #	98
74) Fluoranthene	16.66	202	1234430	41.79	ng	98
76) Benzidine	16.89	184	207061	18.69	ng	97
77) Pyrene	16.97	202	1281533	41.34	ng	99
79) Butylbenzylphthalate	17.87	149	570375	41.49	ng #	70
80) Benzo(a)anthracene	18.55	228	1033435	42.19	ng	99
81) 3,3'-Dichlorobenzidine	18.54	252	169868	12.55	ng #	97
82) Chrysene	18.59	228	1015365	41.76	ng	99
83) Bis(2-ethylhexyl)phthalate	18.62	149	826876	41.22	ng #	97
84) Di-n-octyl phthalate	19.38	149	1356222	44.33	ng #	87
85) Indeno(1,2,3-cd)pyrene	21.49	276	802436	41.17	ng	95
87) Benzo(b)fluoranthene	19.82	252	822142m	39.77	ng	
88) Benzo(k)fluoranthene	19.85	252	919804m	51.70	ng	
89) Benzo(a)pyrene	20.17	252	820322	45.88	ng	97
90) Dibenzo(a,h)anthracene	21.50	278	683293	44.81	ng #	94
91) Benzo(g,h,i)perylene	21.85	276	666682	44.31	ng #	92

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

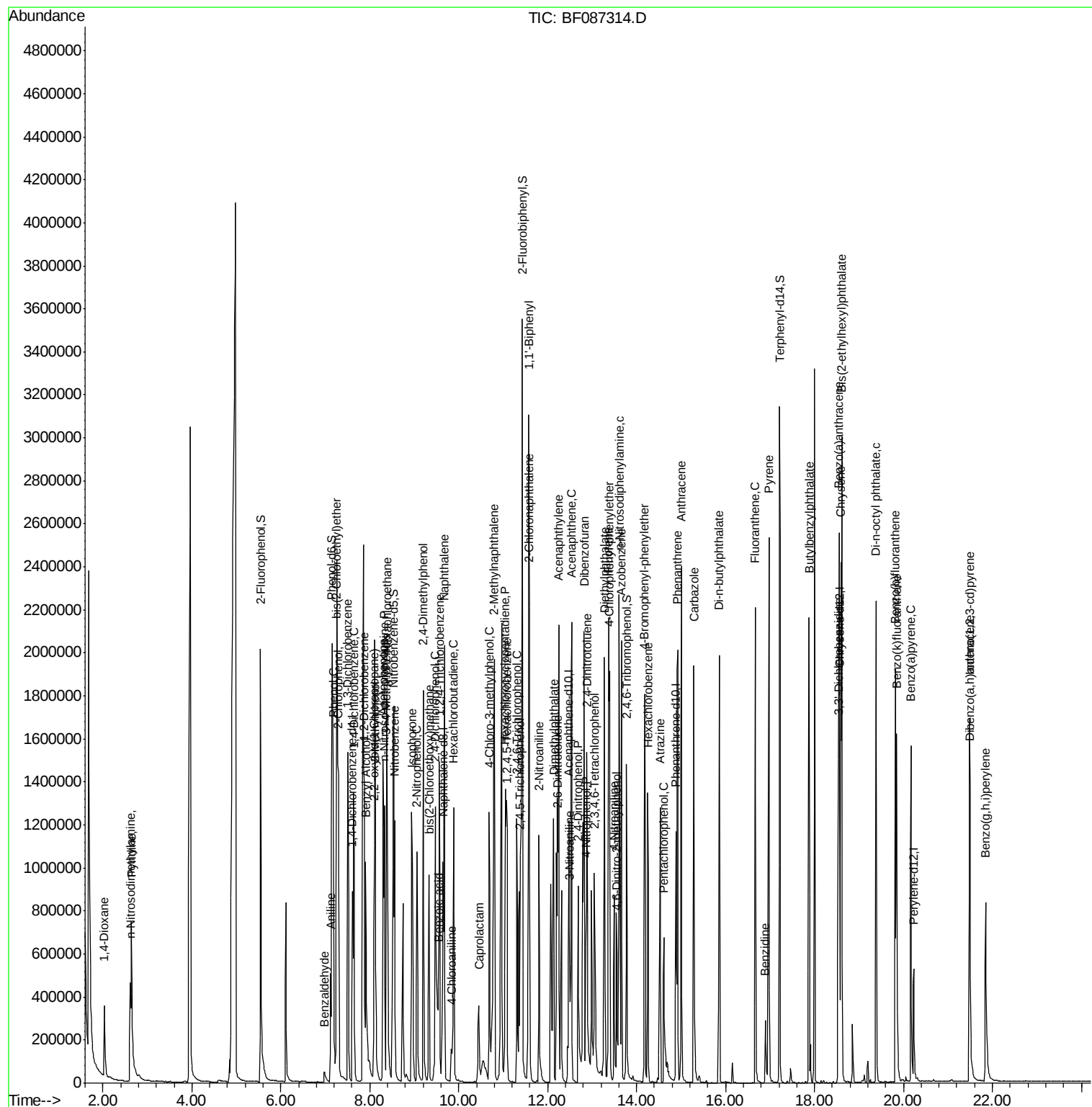
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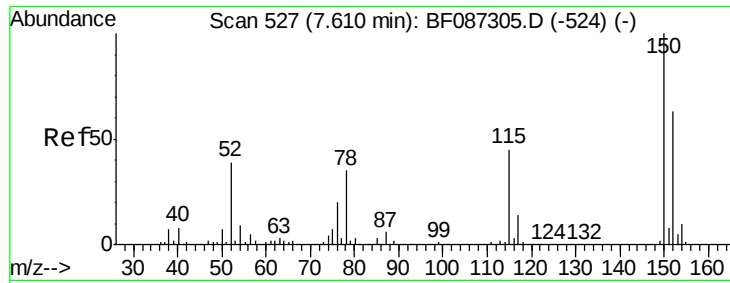
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB90662BS

Tgt Ion: 152 Resp: 145772
Ion Ratio Lower Upper

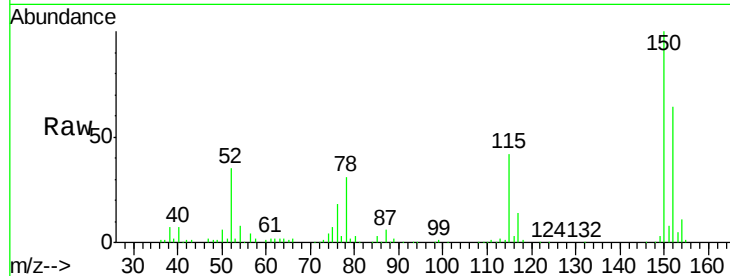
152 100

150 156.4 125.8 188.6

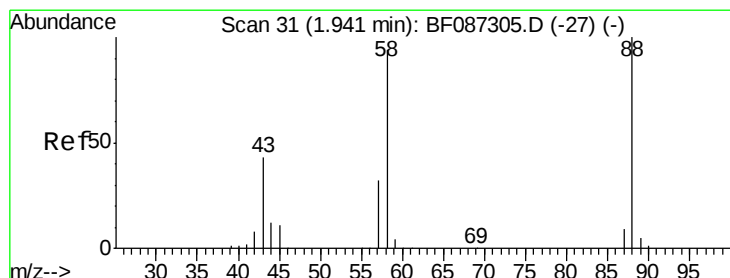
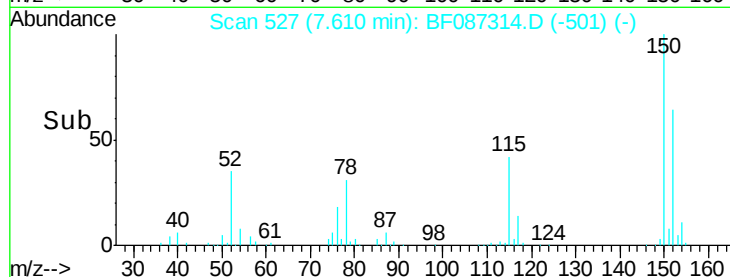
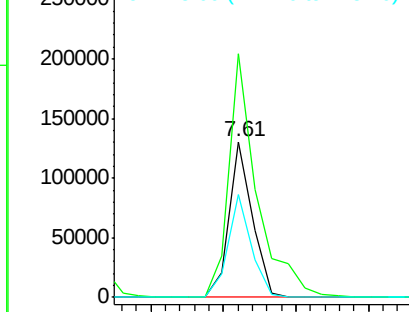
115 66.4 51.5 77.3

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



#2

1,4-Dioxane

Concen: 34.94 ng

RT: 2.03 min Scan# 39

Delta R.T. 0.09 min

Lab File: BF087314.D

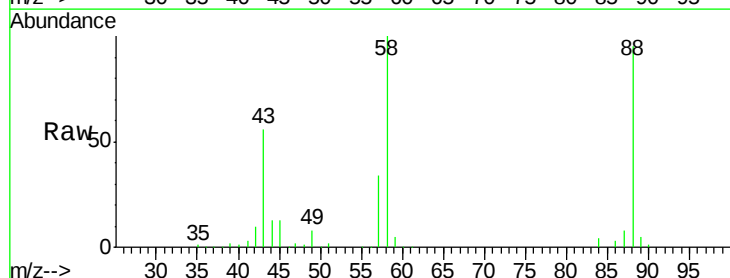
Acq: 23 May 2016 22:50

Tgt Ion: 88 Resp: 152926
Ion Ratio Lower Upper

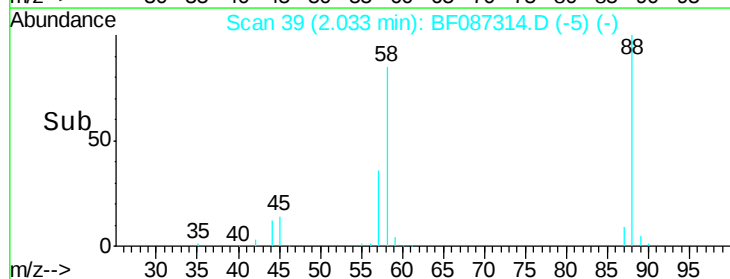
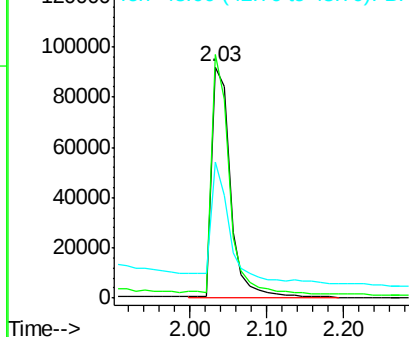
88 100

58 98.6 59.6 89.4#

43 53.9 21.8 32.6#



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





#3

Pyridine

Concen: 37.27 ng

RT: 2.64 min Scan# 92

Delta R.T. 0.09 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Instrument :

BNA_F

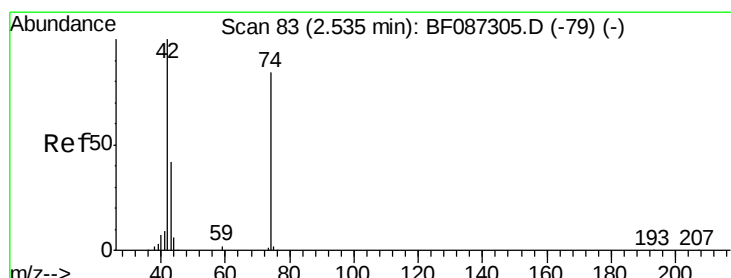
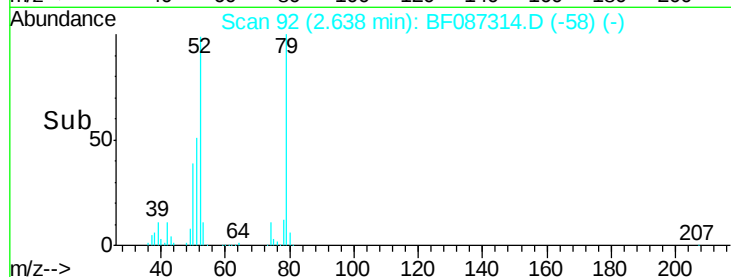
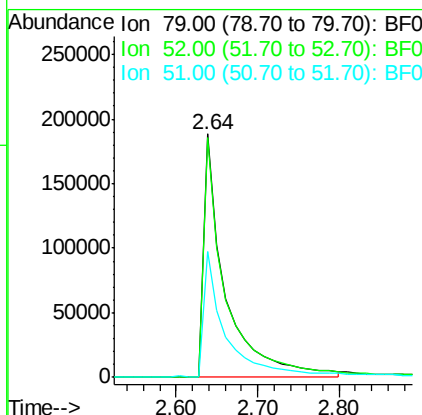
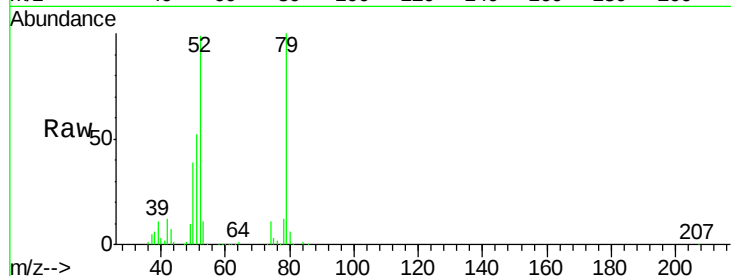
ClientSampleId :

PB90662BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	98.6	55.9	83.9#
51	51.6	28.1	42.1#

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#4

n-Nitrosodimethylamine

Concen: 43.08 ng

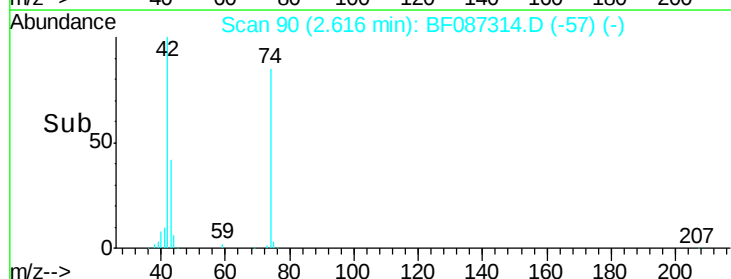
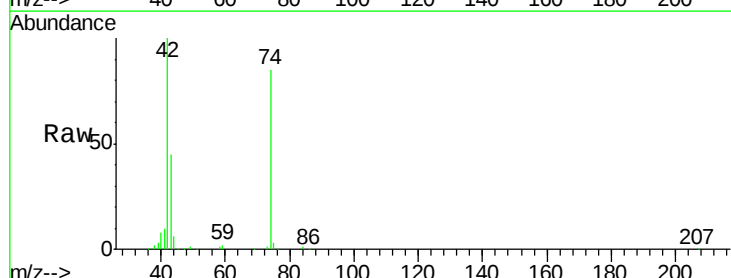
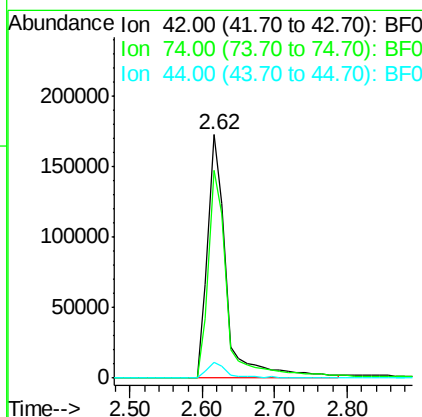
RT: 2.62 min Scan# 90

Delta R.T. 0.08 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	85.1	123.4	185.0#
44	6.3	5.8	8.6





#5

2-Fluorophenol

Concen: 88.86 ng

RT: 5.54 min Scan# 346

Delta R.T. 0.02 min

Lab File: BF087314.D

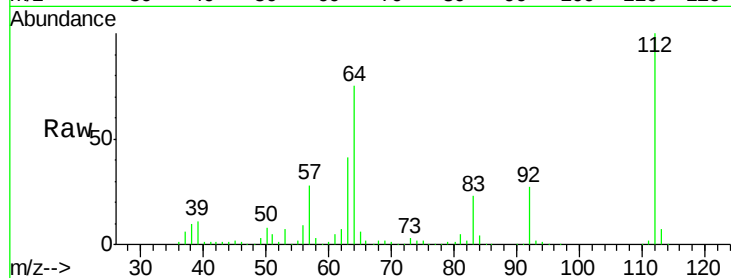
Acq: 23 May 2016 22:50

Instrument :

BNA_F

ClientSampleId :

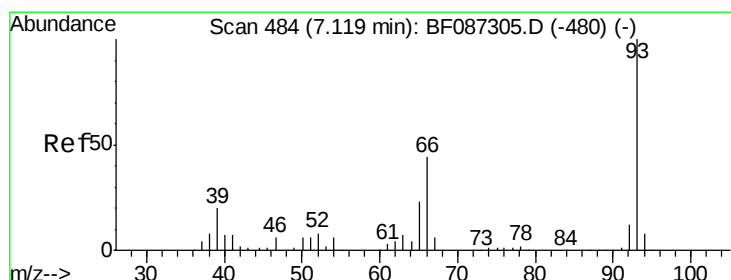
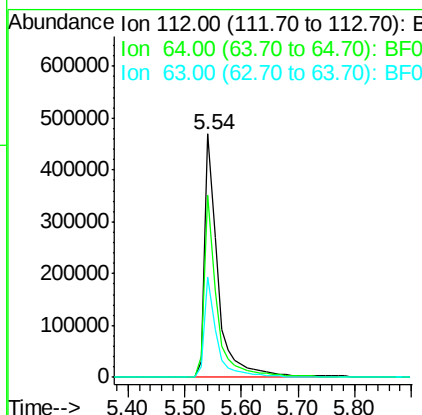
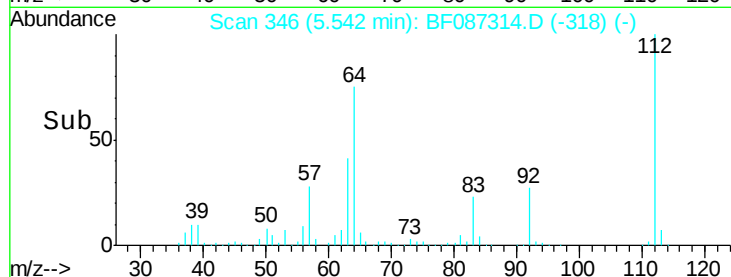
PB90662BS



Tgt Ion:	112	Resp:	737140
Ion Ratio	Lower	Upper	
112	100		
64	74.9	52.1	78.1
63	41.0	25.7	38.5#

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#6

Aniline

Concen: 20.90 ng

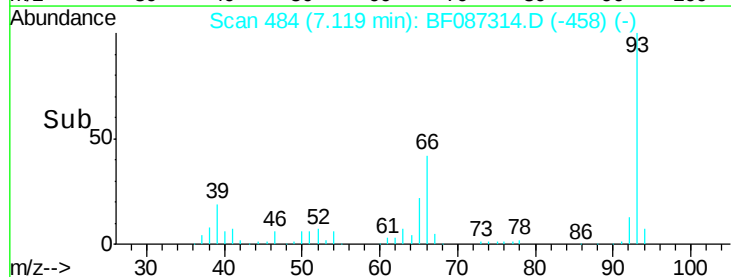
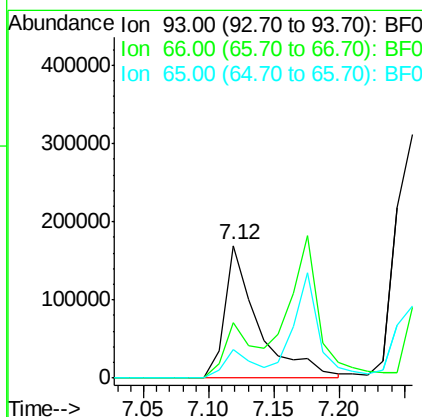
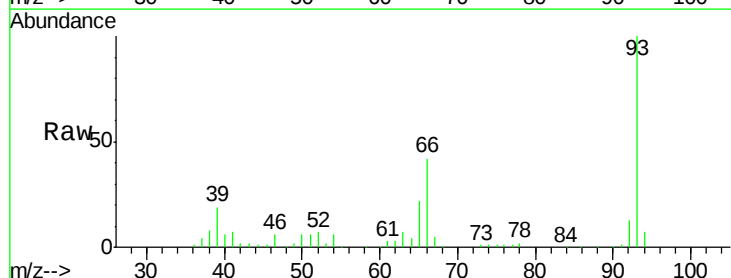
RT: 7.12 min Scan# 484

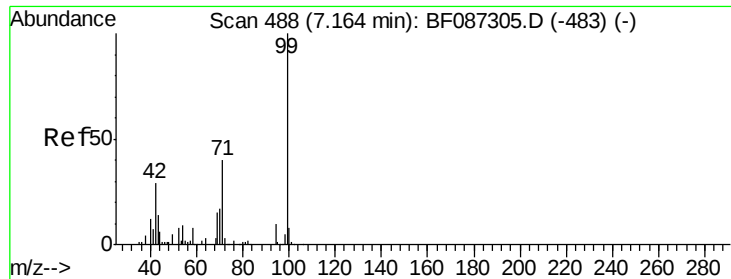
Delta R.T. 0.00 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Tgt Ion:	93	Resp:	303007
Ion Ratio	Lower	Upper	
93	100		
66	42.3	39.0	58.6
65	22.1	20.6	31.0





#7

Phenol-d6

Concen: 87.21 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF087314.D

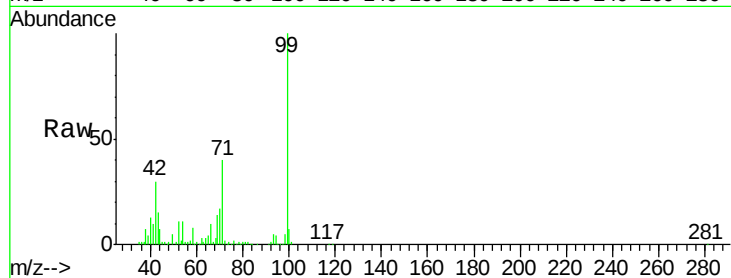
Acq: 23 May 2016 22:50

Instrument :

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Tgt Ion: 99 Resp: 977608

Ion Ratio Lower Upper

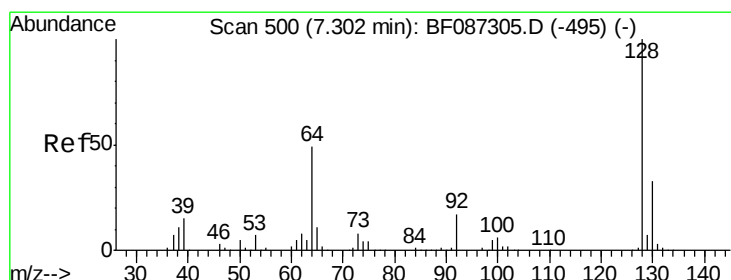
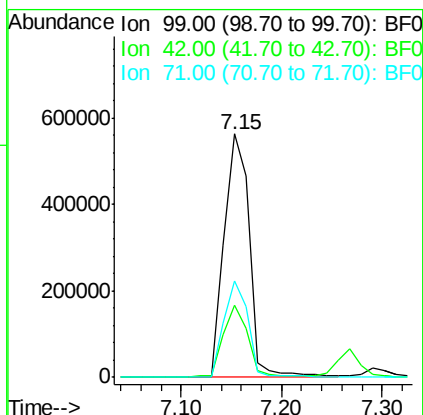
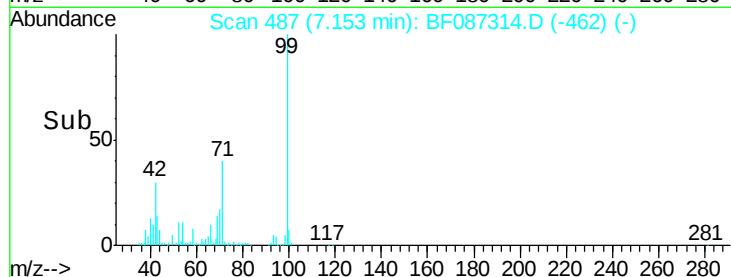
99 100

42 29.6 13.6 20.4#

71 39.7 24.6 36.8#

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#8

2-Chlorophenol

Concen: 44.07 ng

RT: 7.29 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

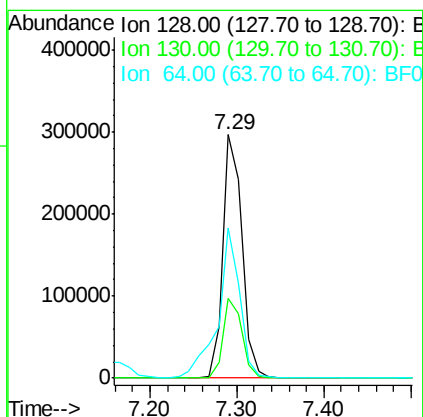
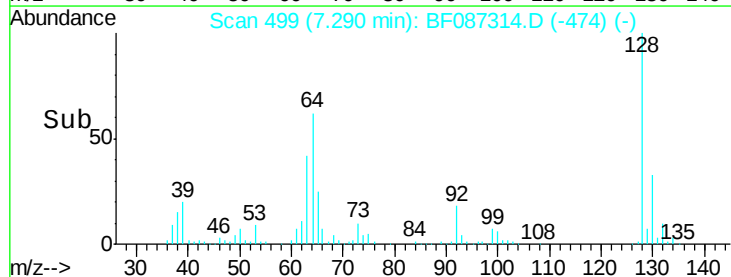
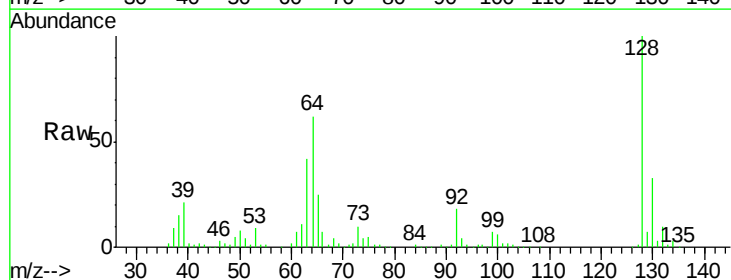
Tgt Ion: 128 Resp: 455966

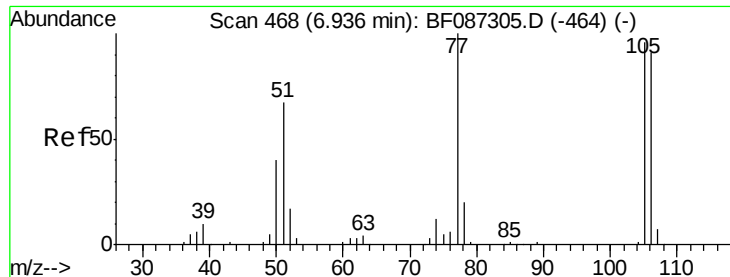
Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

64 61.9 27.3 67.3





#9

Benzaldehyde

Concen: 4.89 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.04 min

Lab File: BF087314.D

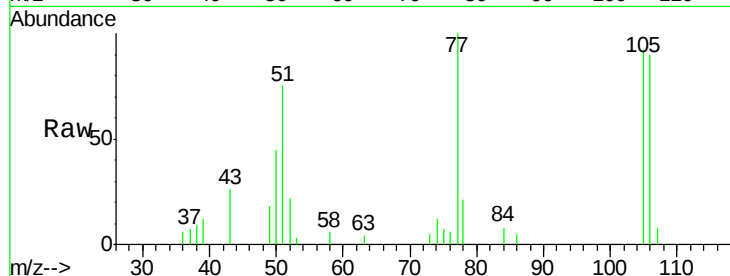
Acq: 23 May 2016 22:50

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Tgt Ion: 77 Resp: 30292

Ion Ratio Lower Upper

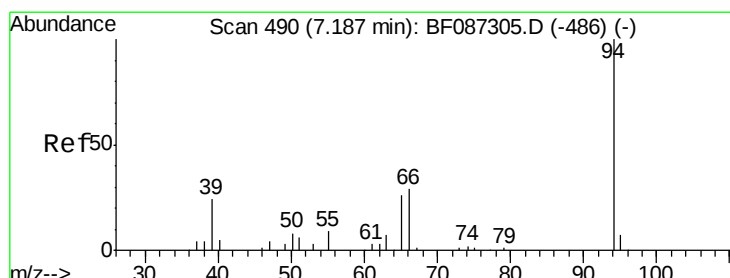
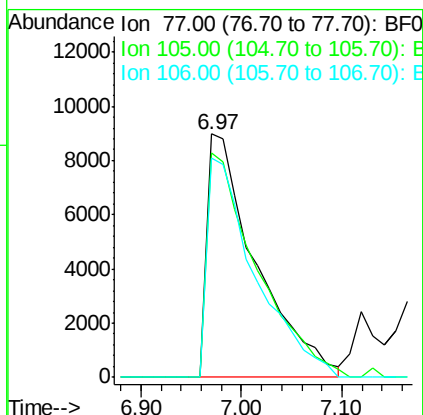
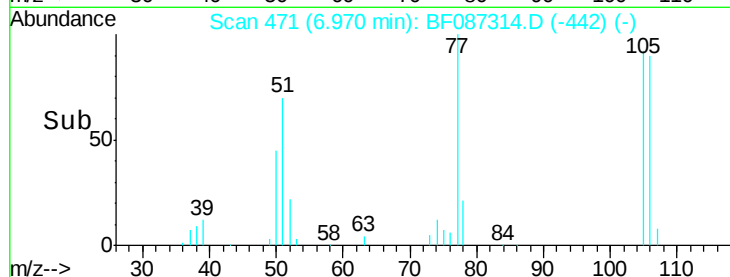
77 100

105 92.0 72.7 112.7

106 90.0 70.8 110.8

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#10

Phenol

Concen: 49.61 ng

RT: 7.18 min Scan# 489

Delta R.T. -0.01 min

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Acq: 23 May 2016 22:50

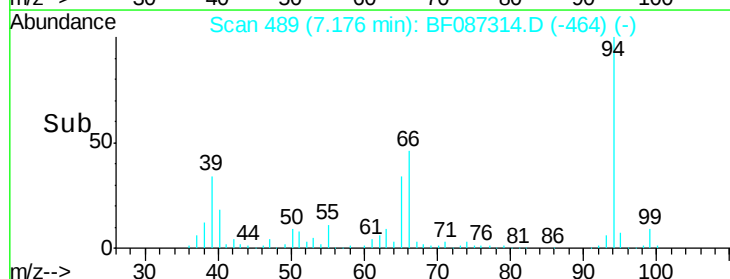
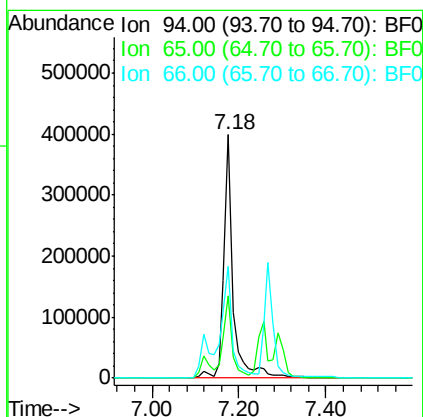
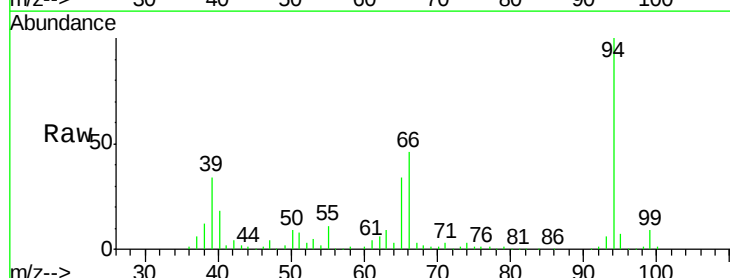
Tgt Ion: 94 Resp: 607305

Ion Ratio Lower Upper

94 100

65 33.6 7.2 47.2

66 45.8 14.9 54.9





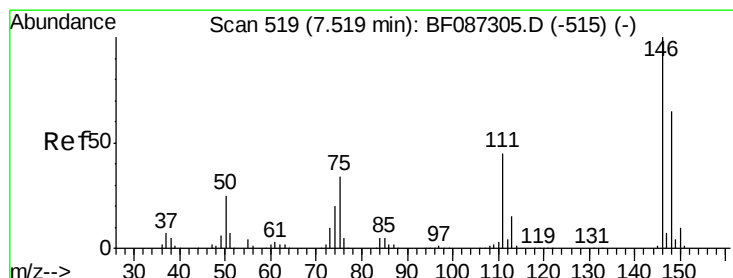
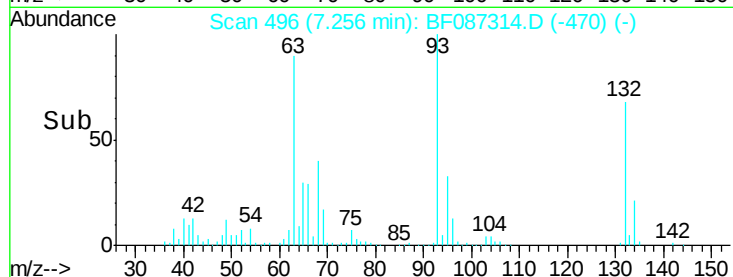
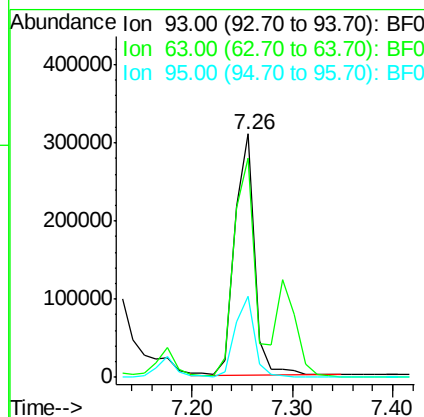
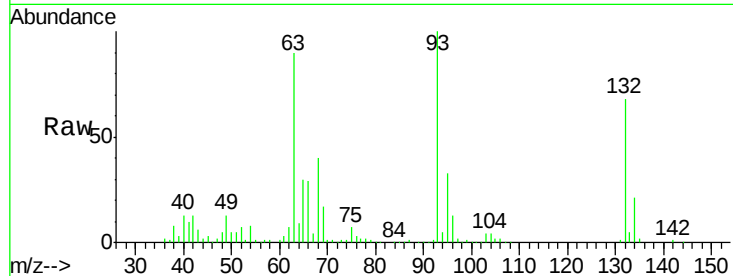
#11
bis(2-Chloroethyl)ether
Concen: 42.84 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	424481		
63	90.2	58.0	98.0	
95	33.1	11.9	51.9	

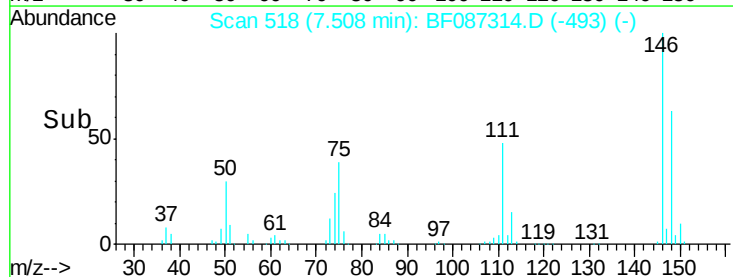
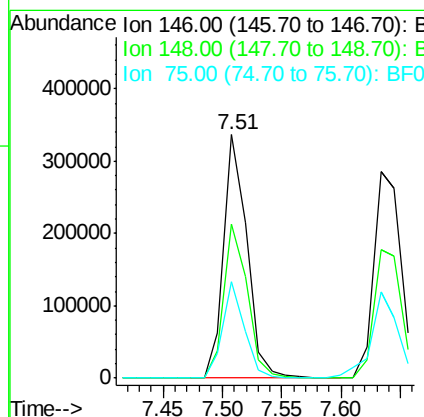
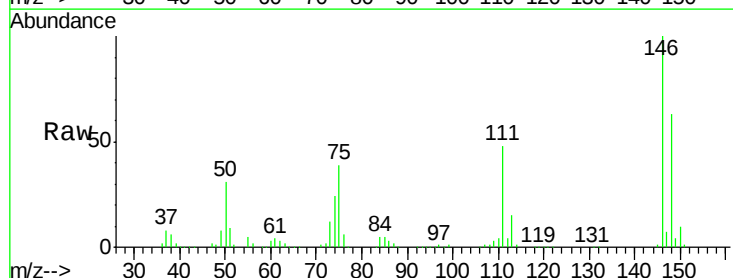
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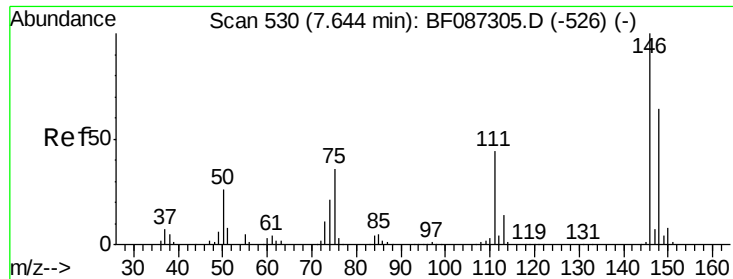
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#12
1,3-Dichlorobenzene
Concen: 40.50 ng
RT: 7.51 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	457041		
148	63.5	52.4	78.6	
75	39.5	22.8	34.2#	





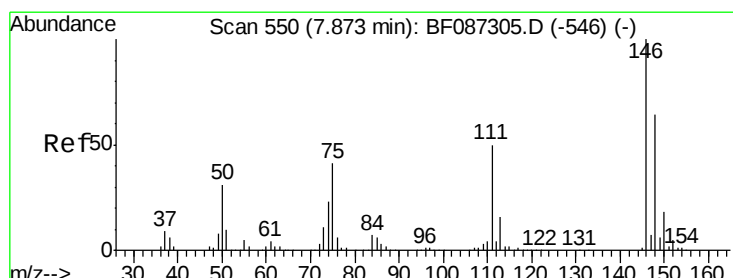
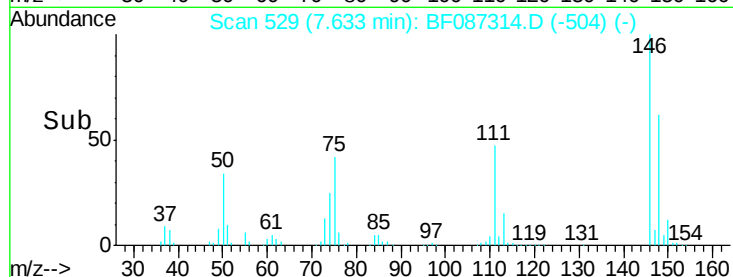
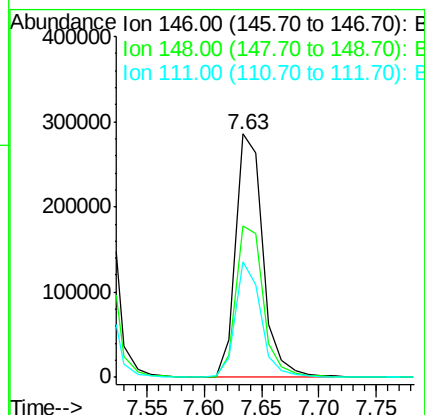
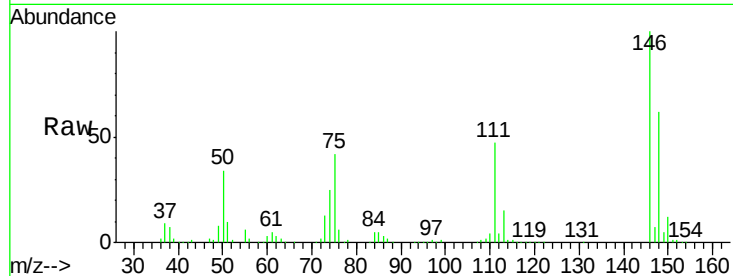
#13
 1,4-Dichlorobenzene
 Concen: 40.90 ng m
 RT: 7.63 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	473792		
148	62.2	52.2	78.4	
111	47.3	30.7	46.1#	

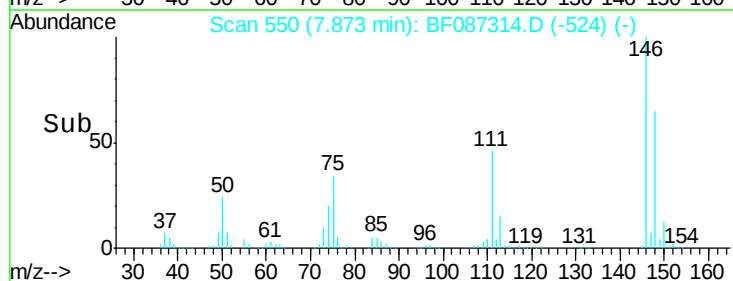
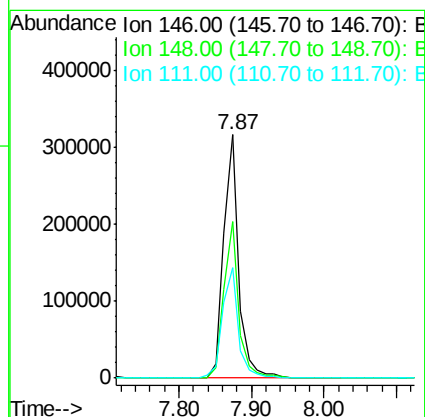
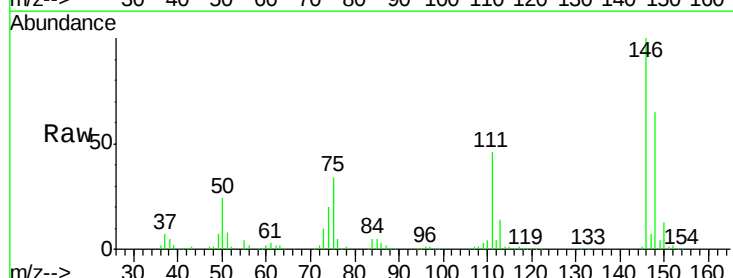
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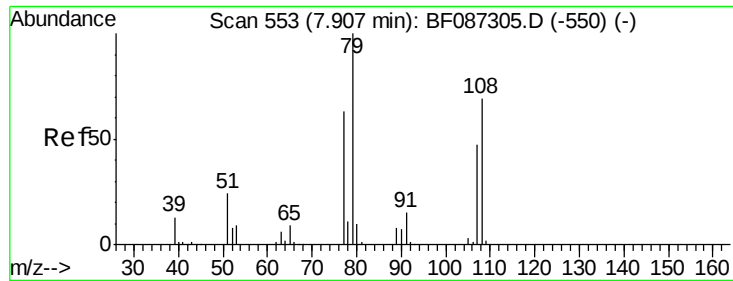
umangi
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#14
 1,2-Dichlorobenzene
 Concen: 42.35 ng
 RT: 7.87 min Scan# 550
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	453755		
148	64.5	51.0	76.6	
111	45.6	36.2	54.4	





#15

Benzyl Alcohol

Concen: 49.42 ng

RT: 7.91 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Instrument :

BNA_F

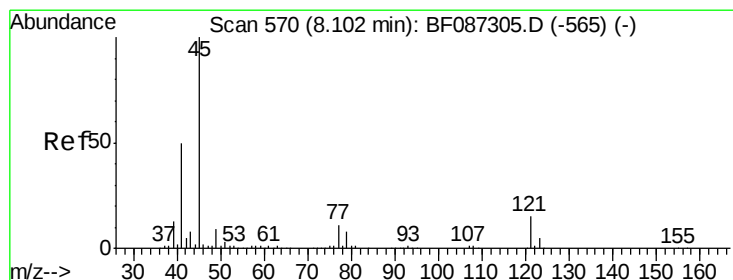
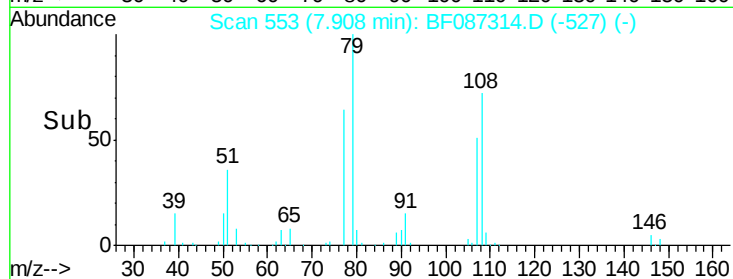
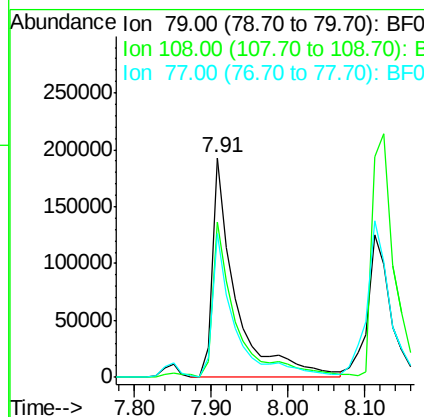
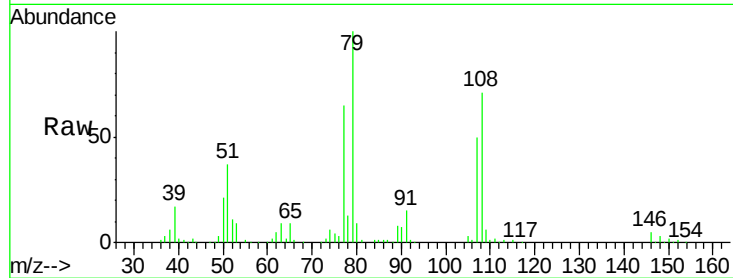
ClientSampleId :

PB90662BS

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Tgt Ion:	79	Resp:	403913
Ion Ratio	Lower	Upper	
79	100		
108	70.9	68.4	102.6
77	65.3	50.6	76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.08 ng

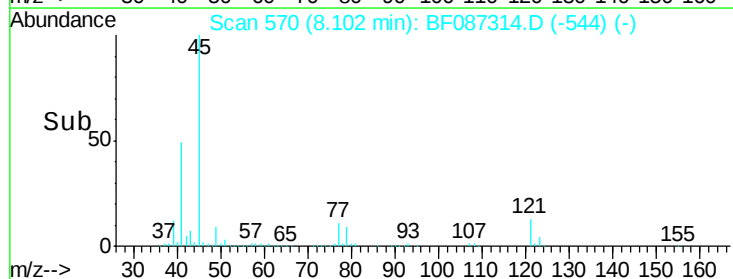
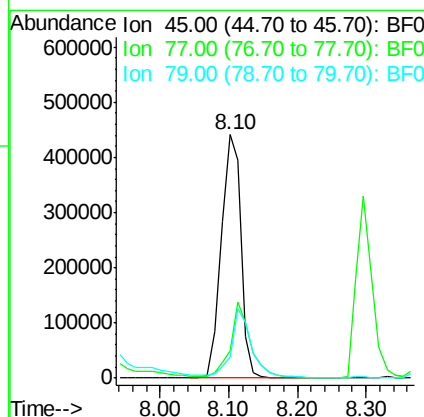
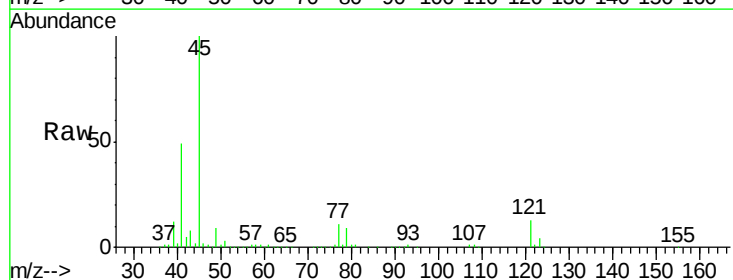
RT: 8.10 min Scan# 570

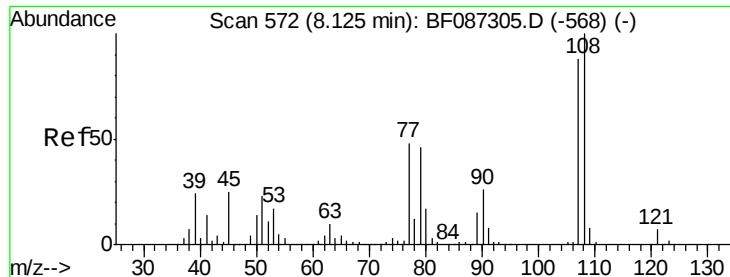
Delta R.T. 0.00 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

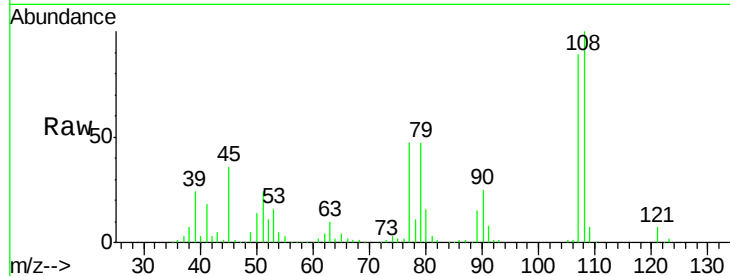
Tgt Ion:	45	Resp:	893388
Ion Ratio	Lower	Upper	
45	100		
77	11.1	0.0	36.4
79	8.5	0.0	33.4





#17
2-Methylphenol
Concen: 44.41 ng
RT: 8.12 min Scan# 572
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

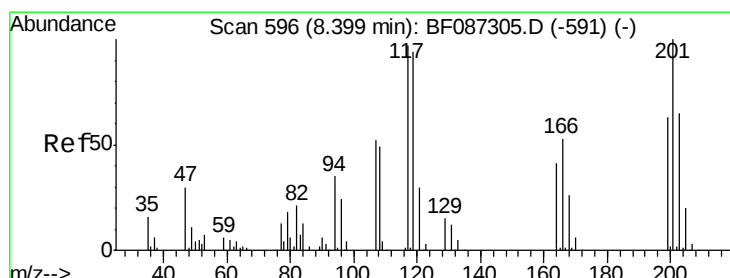
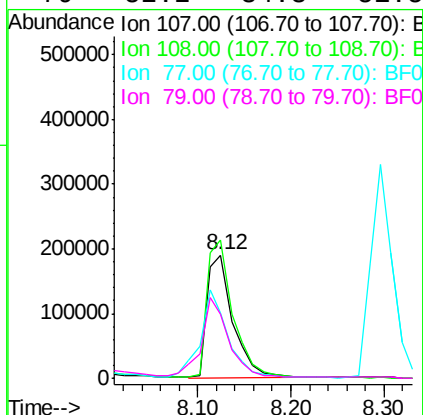
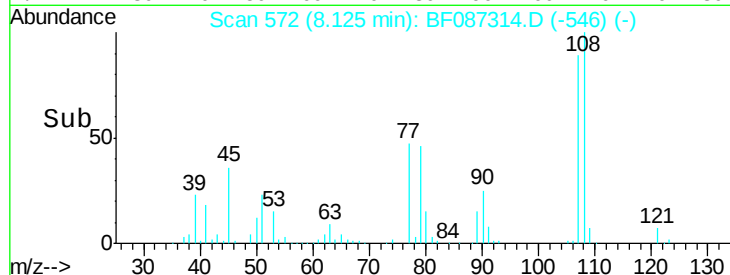
Instrument :
BNA_F
ClientSampleId :
PB90662BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	93.7	140.5	
77	52.9	33.4	50.0	
79	52.2	34.3	51.5	

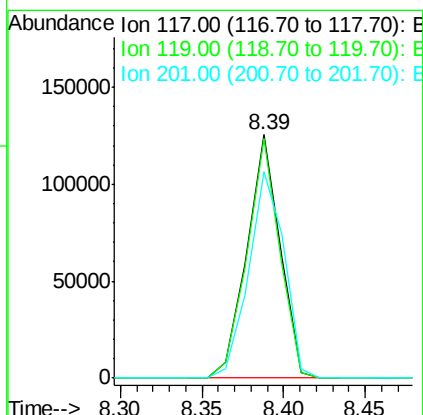
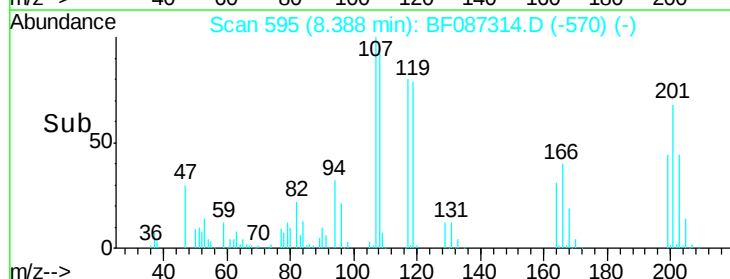
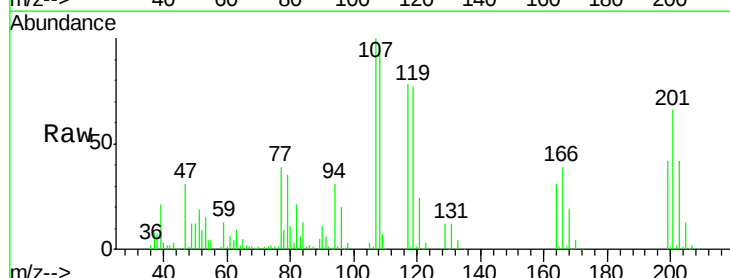
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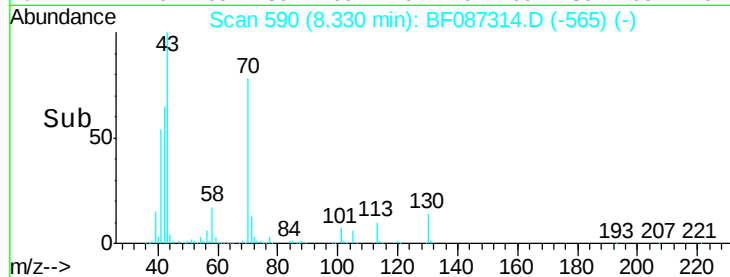
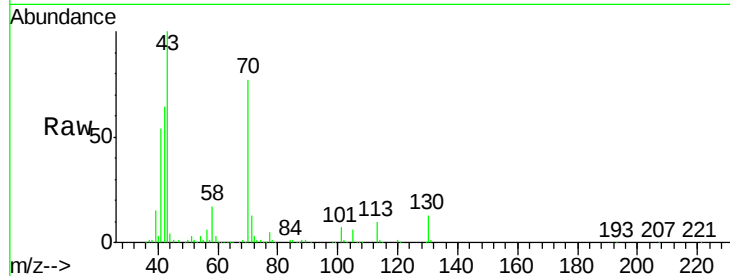
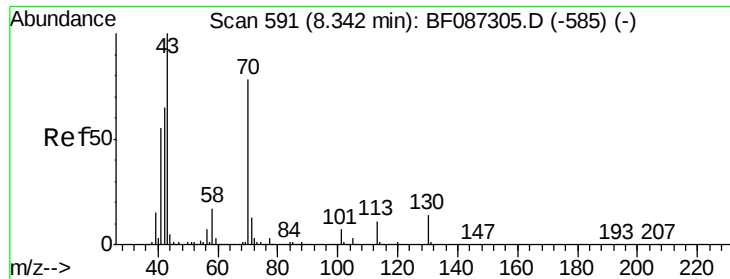
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#18
Hexachloroethane
Concen: 40.89 ng
RT: 8.39 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	76.5	114.7	
201	84.6	63.0	94.6	





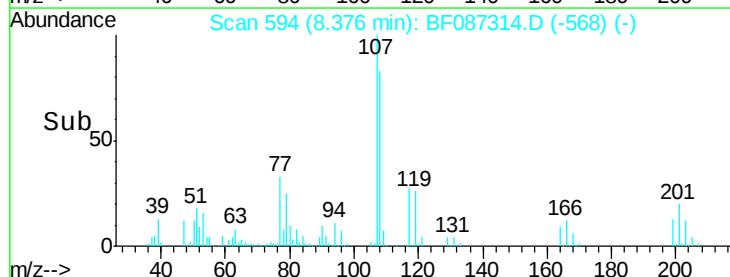
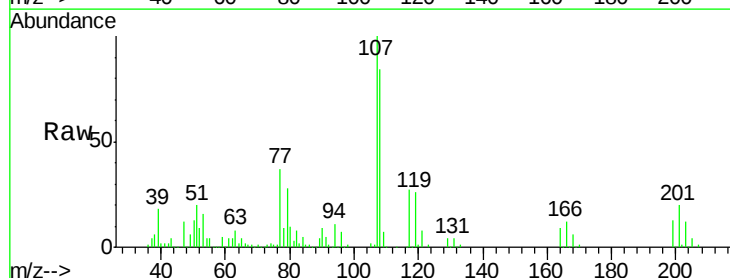
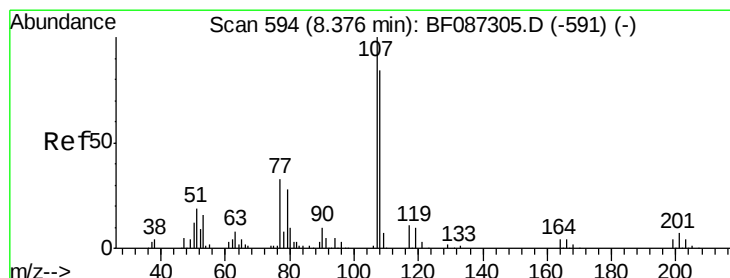
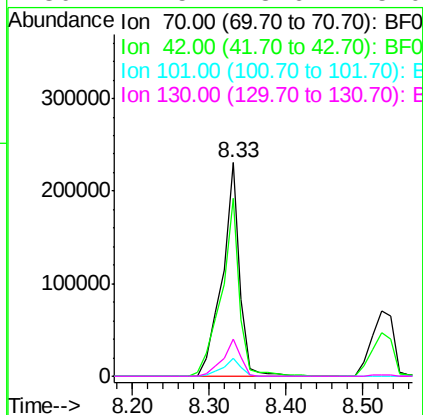
#19
n-Nitroso-di-n-propylamine
Concen: 44.00 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB90662BS

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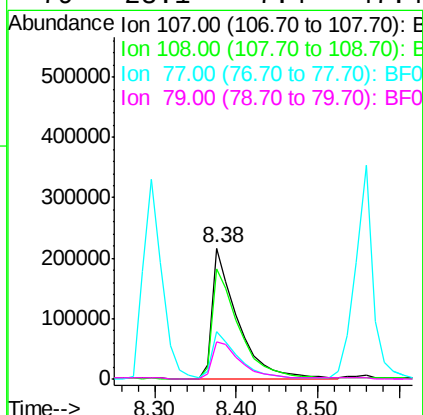
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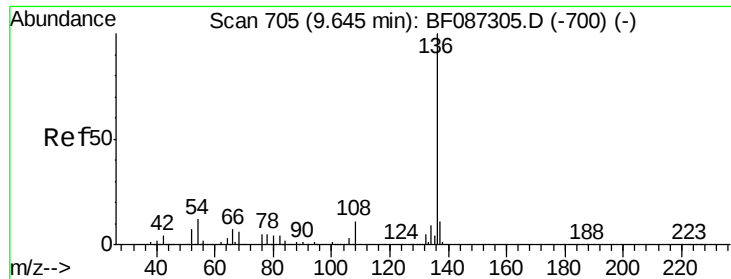
Tgt Ion	Ratio	Lower	Upper
70	100		
42	83.4	43.1	64.7#
101	8.6	8.1	12.1
130	17.5	18.6	28.0#



#20
3+4-Methylphenols
Concen: 46.43 ng
RT: 8.38 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.0	68.5	108.5
77	36.7	101.6	141.6#
79	28.1	7.4	47.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF087314.D

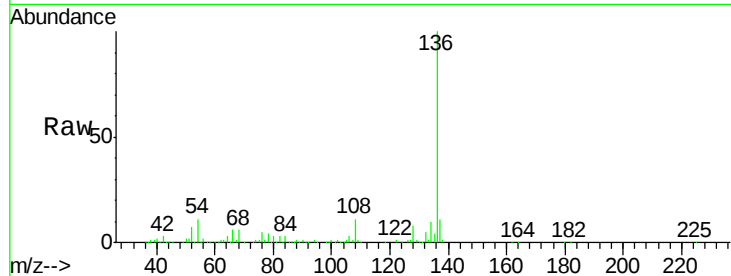
Acq: 23 May 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB90662BS



Tgt Ion:136 Resp: 607006

Ion Ratio Lower Upper

136 100

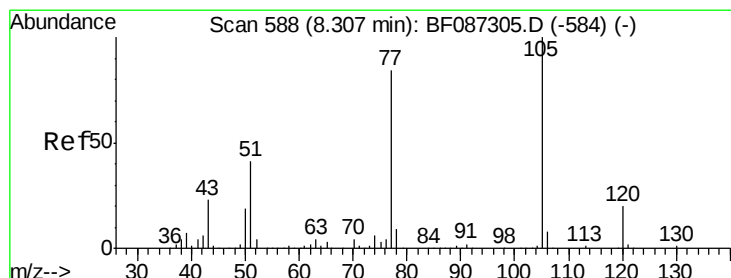
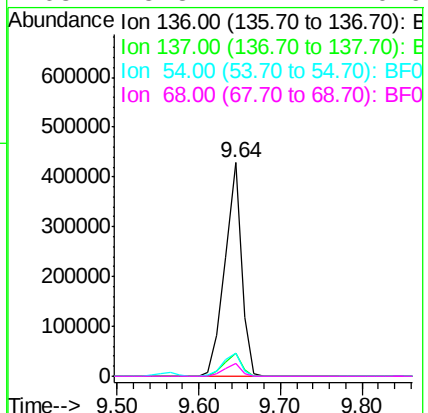
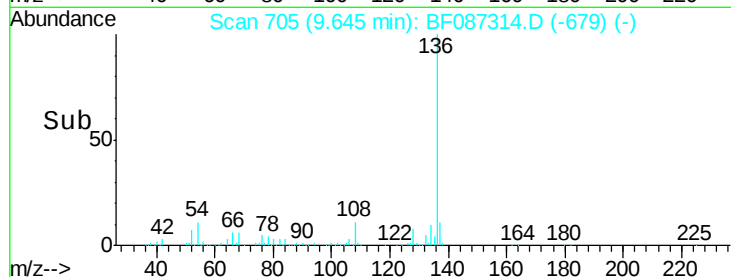
137 11.0 8.8 13.2

54 11.0 5.0 7.4#

68 5.8 4.4 6.6

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#22

Acetophenone

Concen: 44.57 ng

RT: 8.30 min Scan# 587

Delta R.T. -0.01 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Tgt Ion:105 Resp: 646407

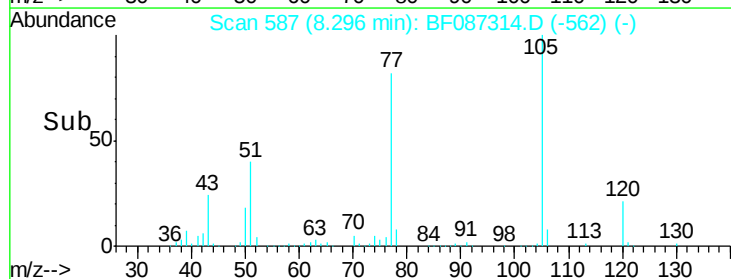
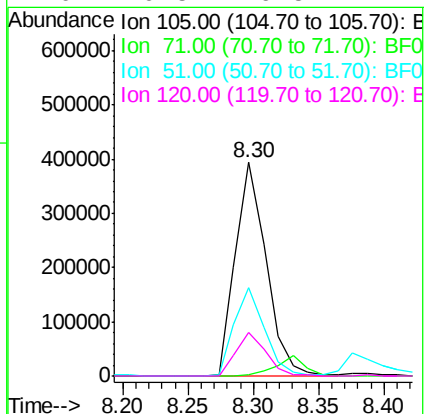
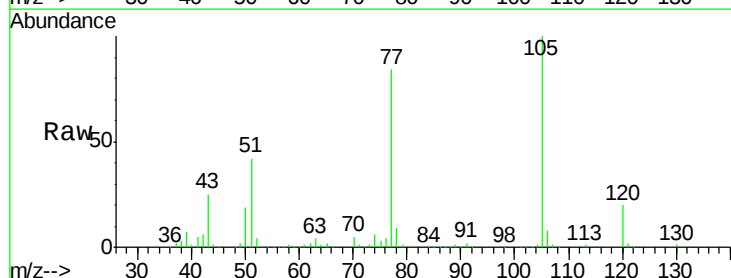
Ion Ratio Lower Upper

105 100

71 0.8 4.8 7.2#

51 41.5 32.6 49.0

120 20.5 16.5 24.7





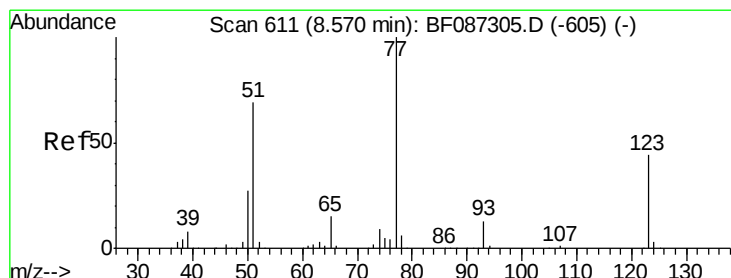
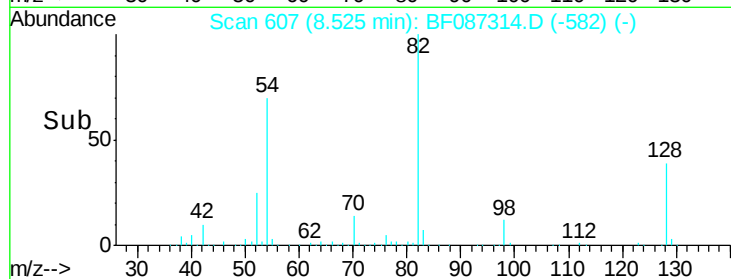
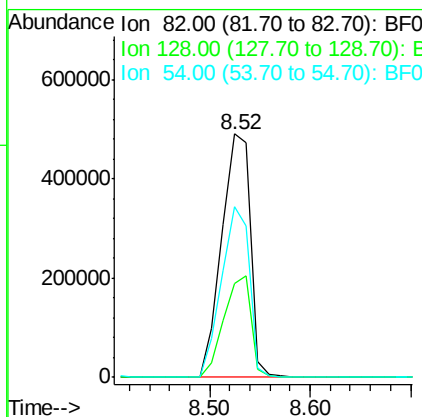
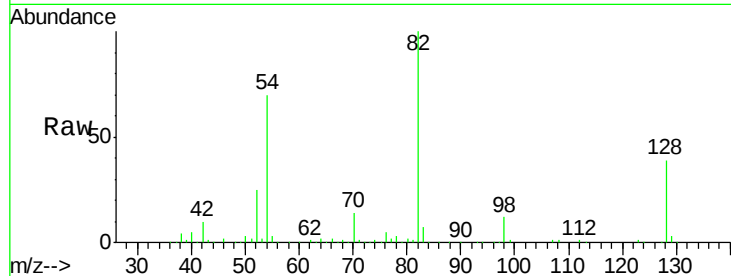
#23
Nitrobenzene-d5
Concen: 80.84 ng
RT: 8.52 min Scan# 607
Delta R.T. -0.01 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	973636		
128	38.6	40.6	61.0#	
54	70.1	38.1	57.1#	

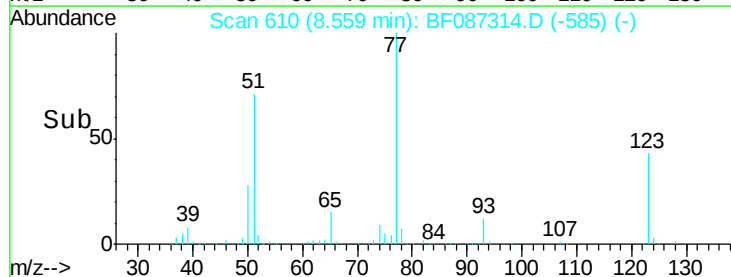
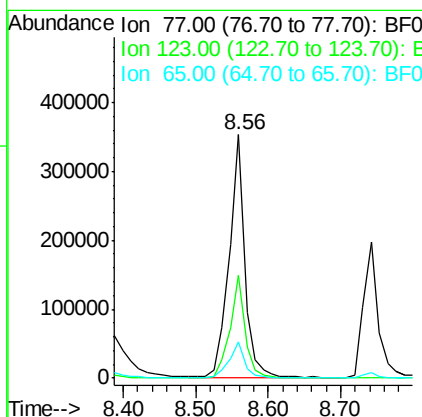
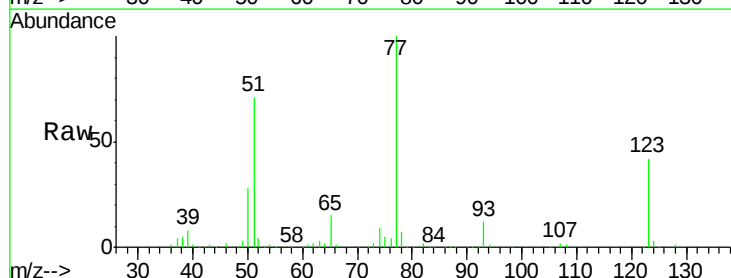
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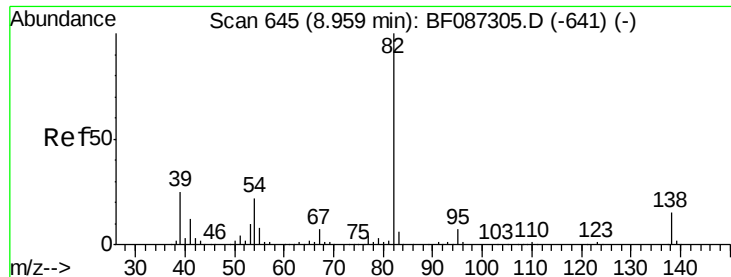
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#24
Nitrobenzene
Concen: 41.62 ng
RT: 8.56 min Scan# 610
Delta R.T. -0.01 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	529180		
123	42.2	33.0	49.4	
65	15.0	10.8	16.2	





#25

Isophorone

Concen: 42.95 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Instrument :

BNA_F

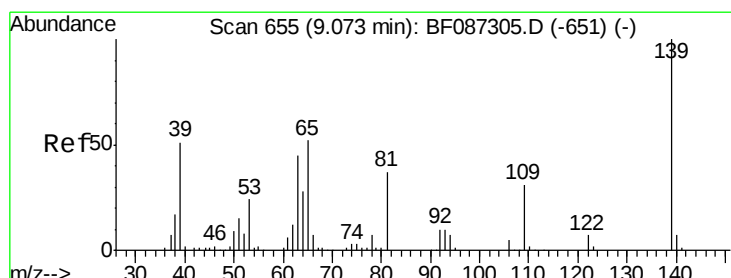
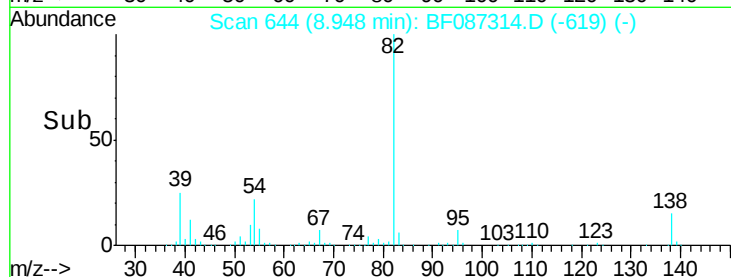
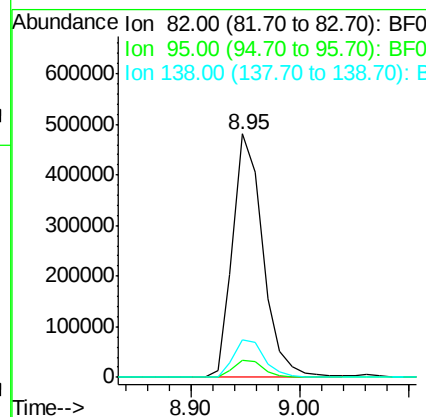
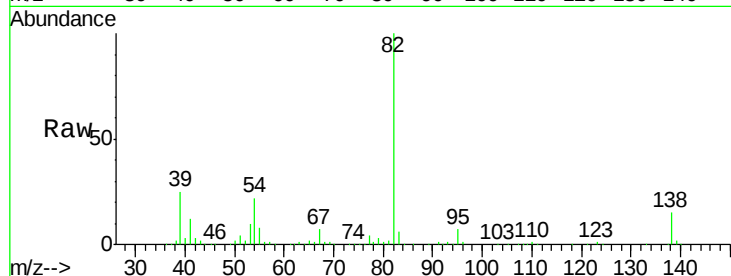
ClientSampleId :

PB90662BS

Tgt Ion:	82	Resp:	927660
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.1	7.7
138	15.2	12.4	18.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.03 ng

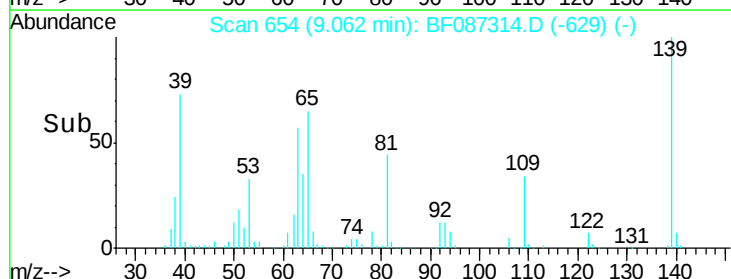
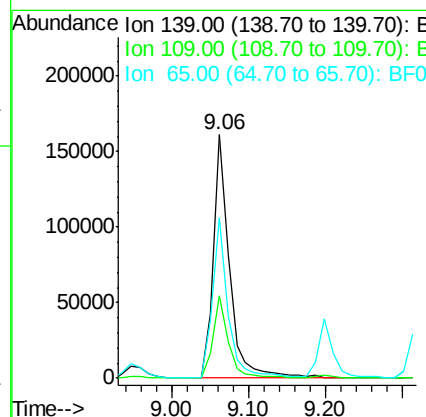
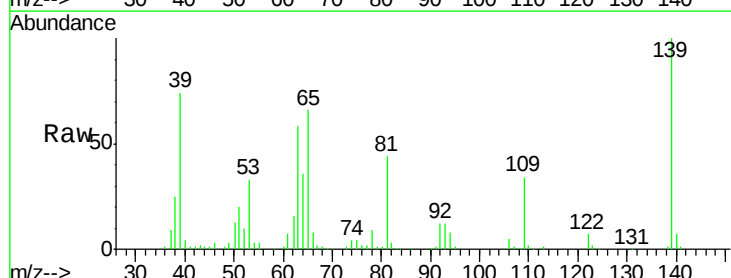
RT: 9.06 min Scan# 654

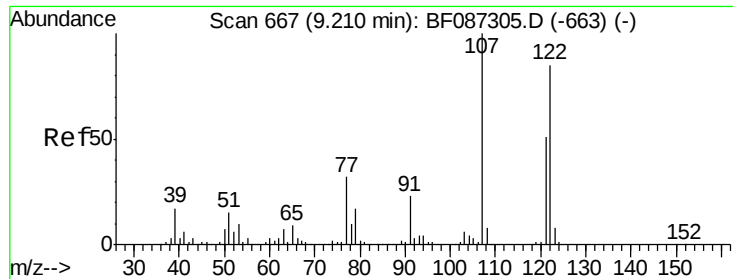
Delta R.T. -0.01 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Tgt Ion:	139	Resp:	234035
Ion Ratio	Lower	Upper	
139	100		
109	33.9	19.5	29.3#
65	65.7	37.5	56.3#





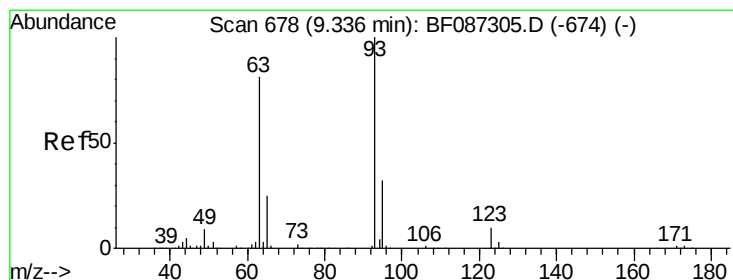
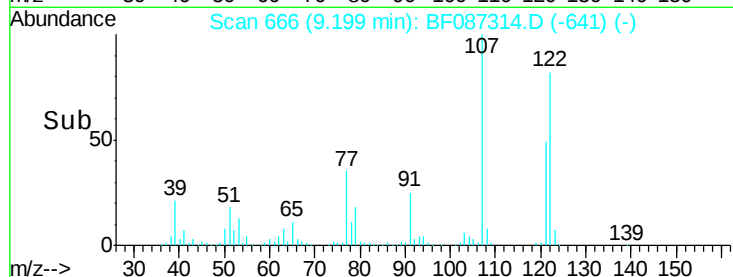
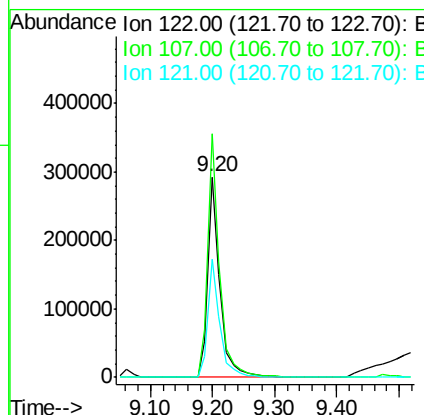
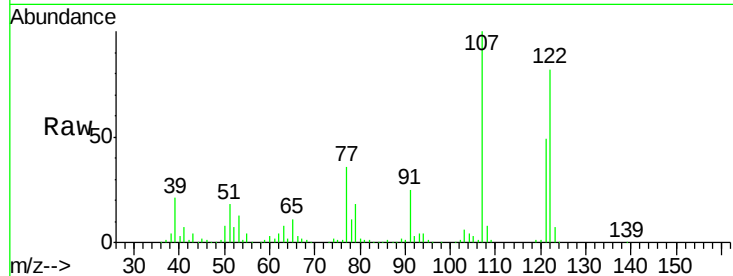
#27
 2,4-Dimethylphenol
 Concen: 44.06 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

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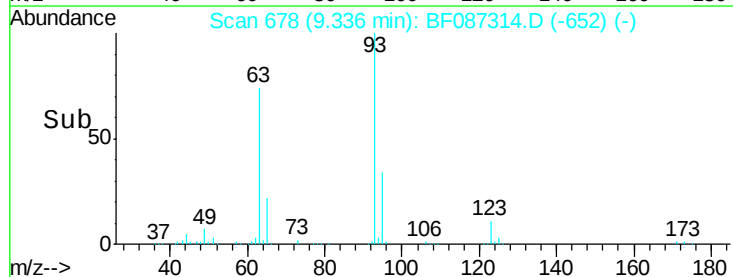
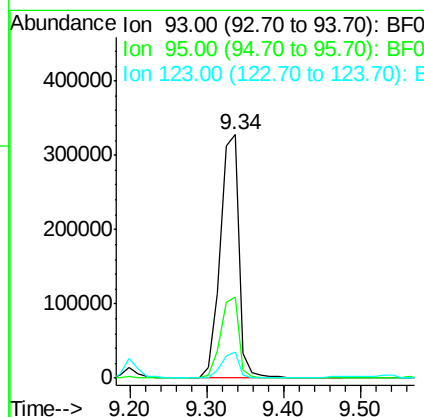
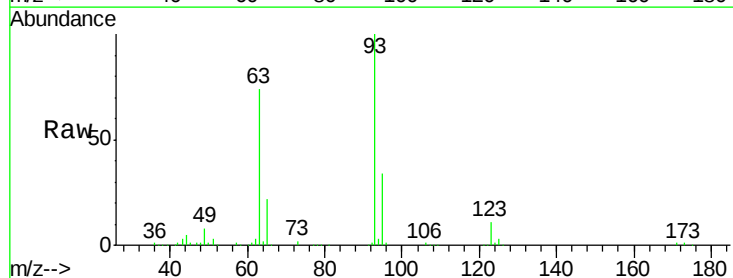
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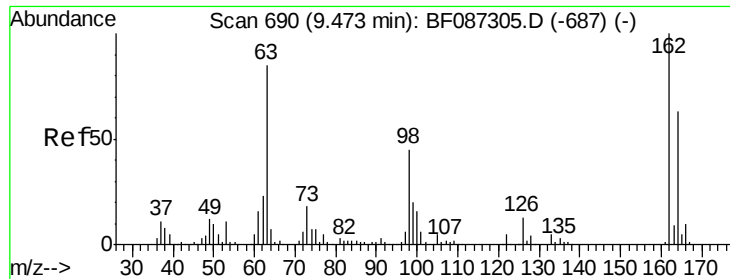
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	397456		
107	121.3	82.0	123.0	
121	59.1	46.1	69.1	



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.41 ng
 RT: 9.34 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	564661		
95	33.5	26.0	39.0	
123	10.8	9.5	14.3	





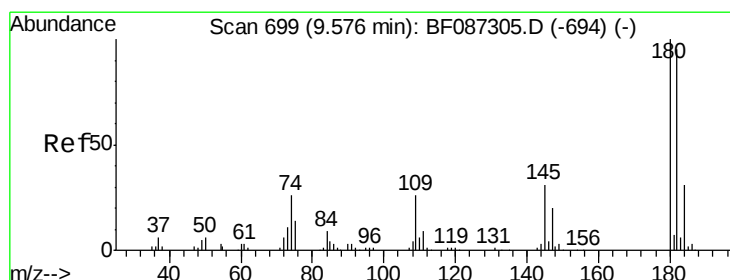
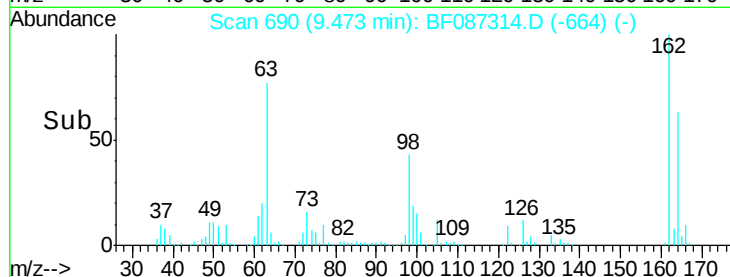
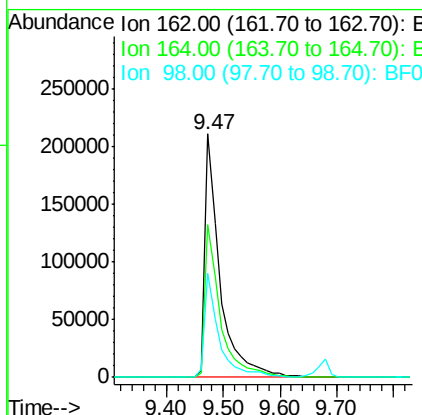
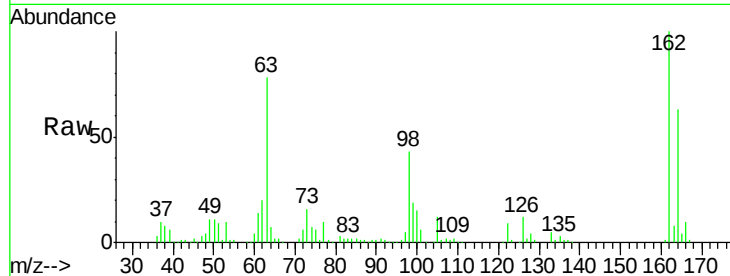
#29
2,4-Dichlorophenol
Concen: 45.97 ng
RT: 9.47 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	373716		
164	62.8	42.2	82.2	
98	42.7	19.0	59.0	

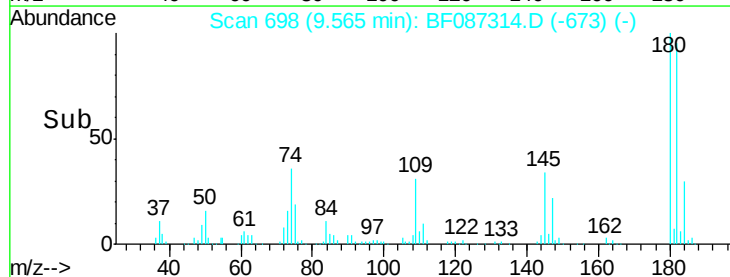
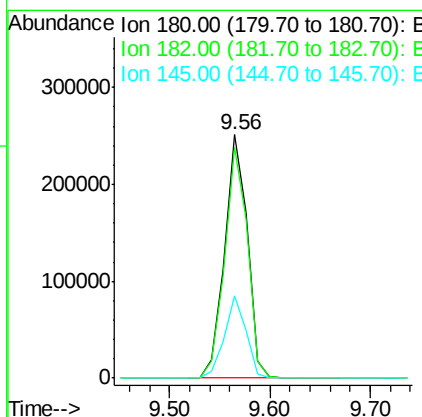
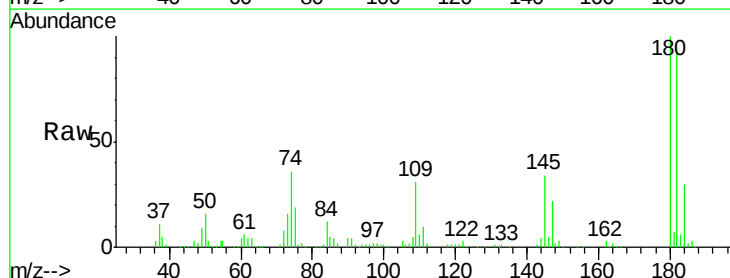
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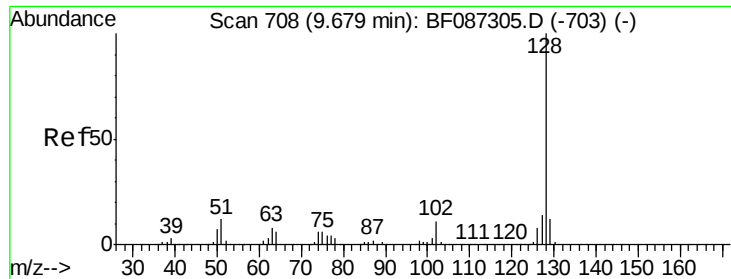
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#30
1,2,4-Trichlorobenzene
Concen: 42.26 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	393297		
182	94.8	78.0	117.0	
145	33.8	24.2	36.2	





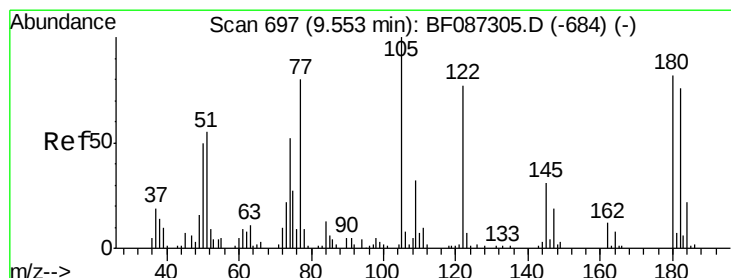
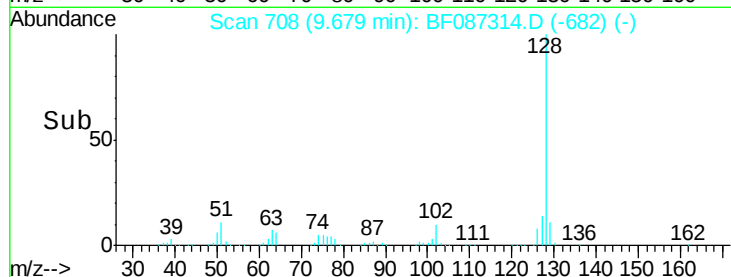
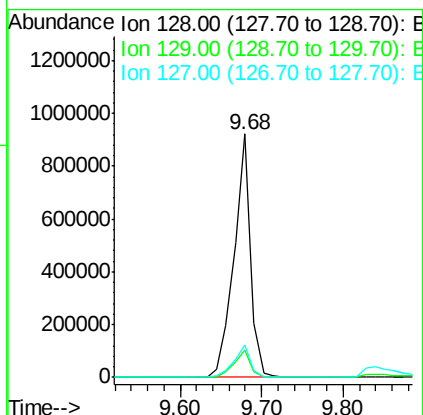
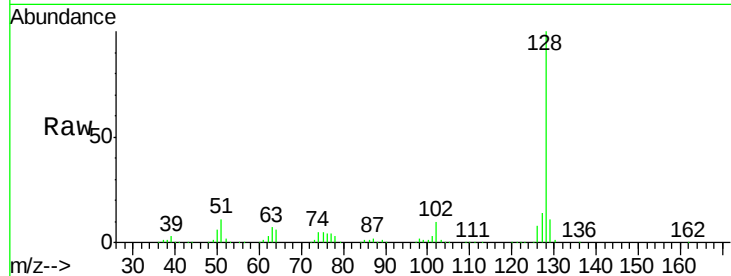
#31
Naphthalene
Concen: 42.84 ng
RT: 9.68 min Scan# 708
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tgt Ion:128 Resp: 1303036
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.5 10.8 16.2

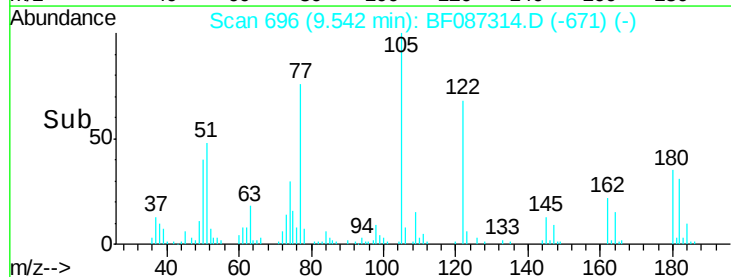
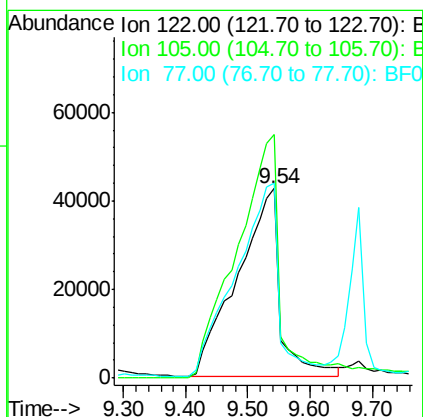
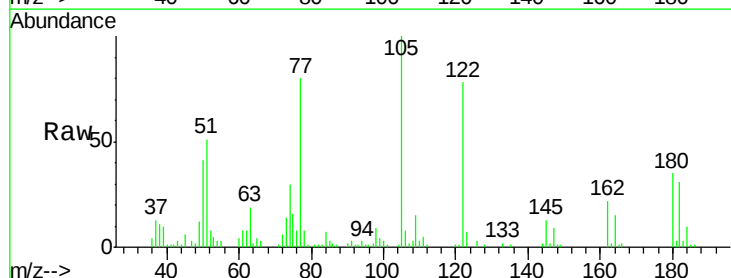
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#32
Benzoic acid
Concen: 44.41 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion:122 Resp: 203989
Ion Ratio Lower Upper
122 100
105 128.6 92.6 132.6
77 103.2 60.0 100.0#





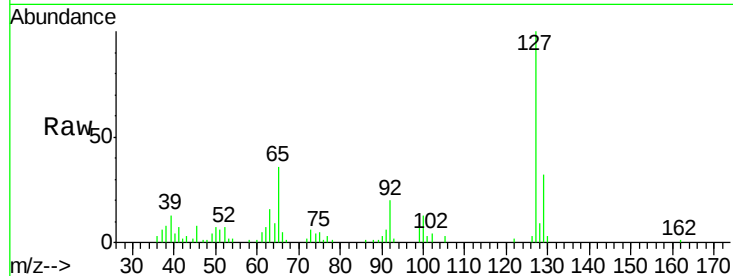
#33
4-Chloroaniline
Concen: 12.69 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.02 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB90662BS

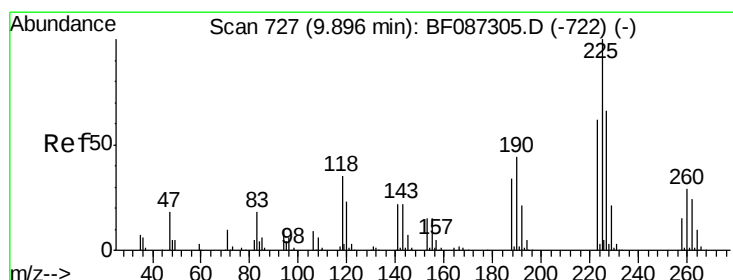
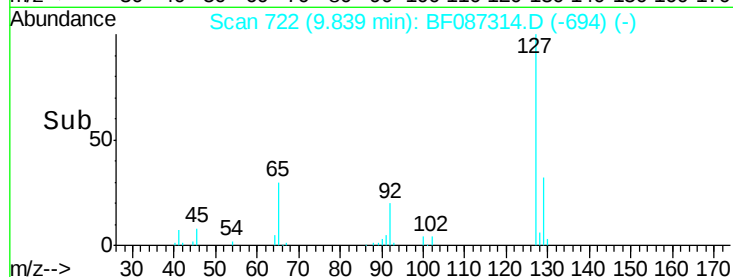
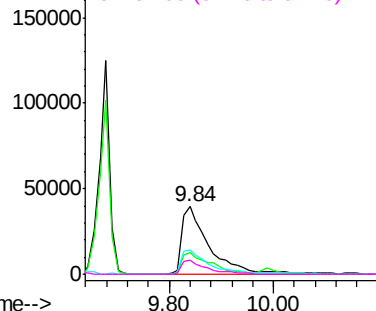
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	142220		
129	32.0	26.2	39.4	
65	35.5	23.0	34.4	
92	20.3	15.1	22.7	

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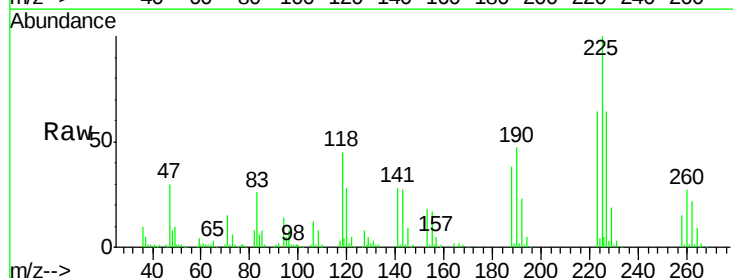


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

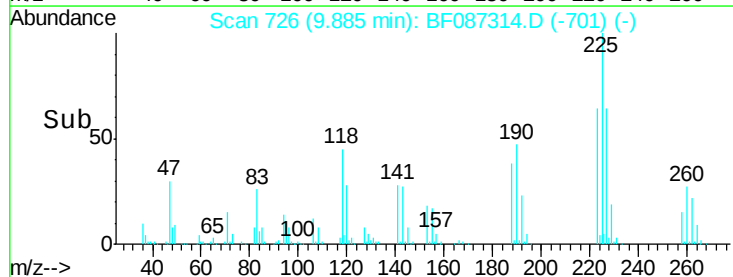
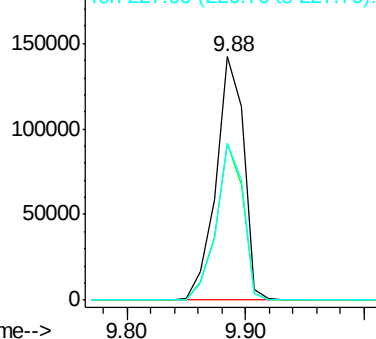


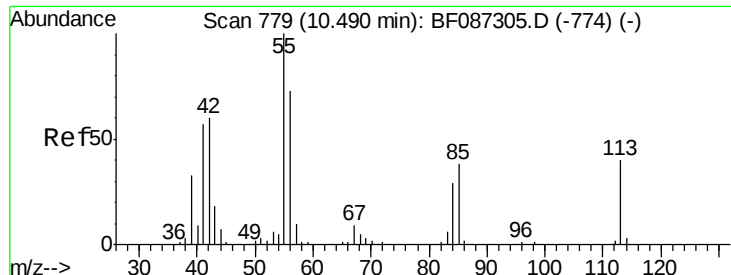
#34
Hexachlorobutadiene
Concen: 40.99 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	231897		
223	64.1	51.5	77.3	
227	64.4	52.2	78.2	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 48.40 ng m

RT: 10.46 min Scan# 776

Delta R.T. -0.03 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB90662BS

Tgt Ion:113 Resp: 114854
Ion Ratio Lower Upper

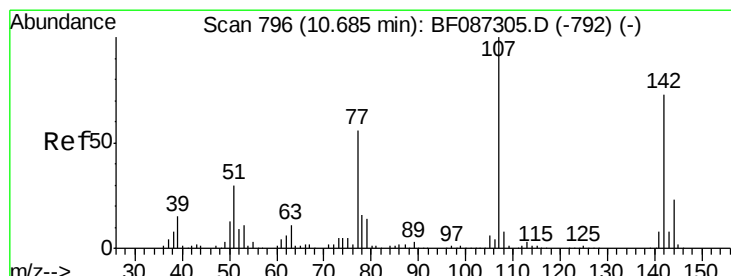
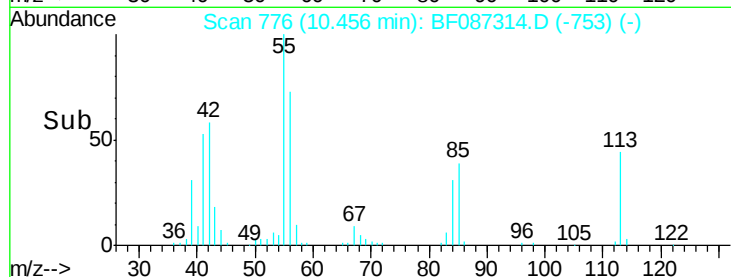
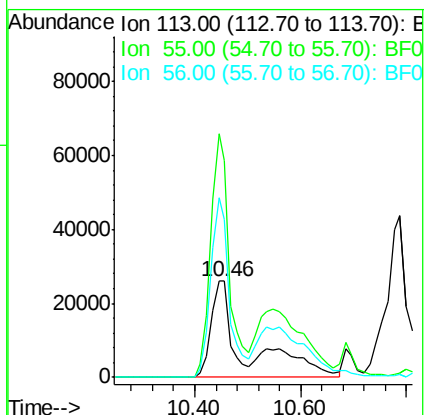
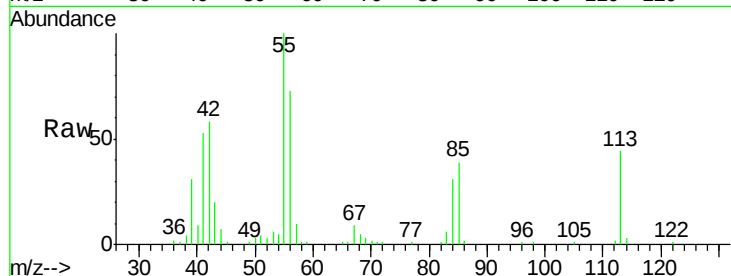
113 100

55 225.0 162.0 202.0#

56 164.1 115.3 155.3#

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#36

4-Chloro-3-methylphenol

Concen: 44.30 ng

RT: 10.69 min Scan# 796

Delta R.T. 0.00 min

Lab File: BF087314.D

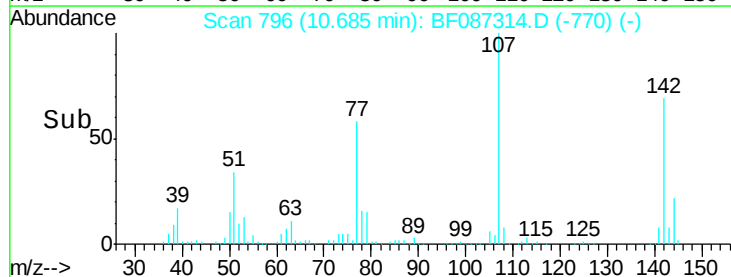
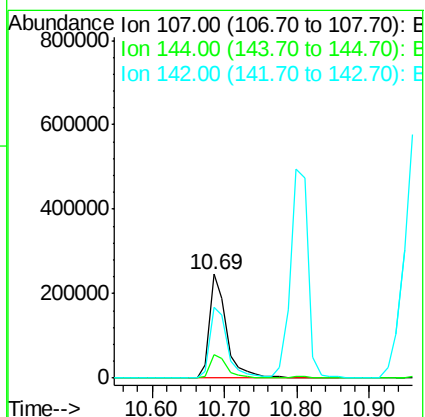
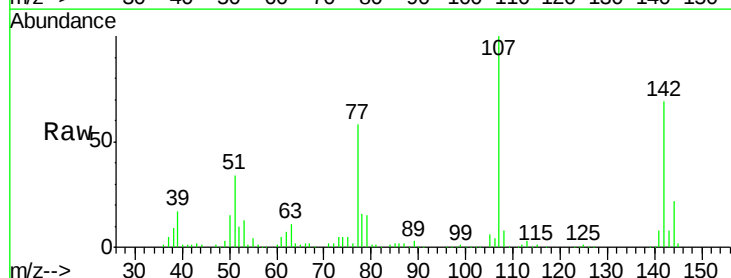
Acq: 23 May 2016 22:50

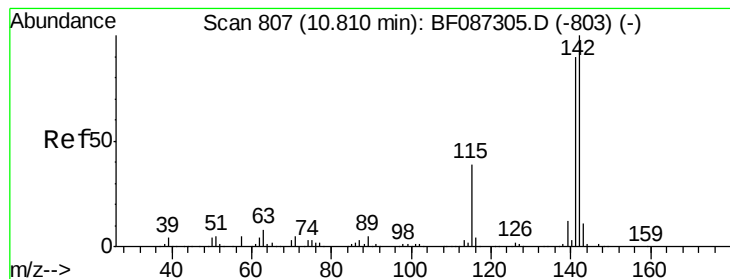
Tgt Ion:107 Resp: 407178
Ion Ratio Lower Upper

107 100

144 22.0 20.7 31.1

142 68.7 63.2 94.8





#37

2-Methylnaphthalene

Concen: 43.92 ng

RT: 10.80 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF087314.D

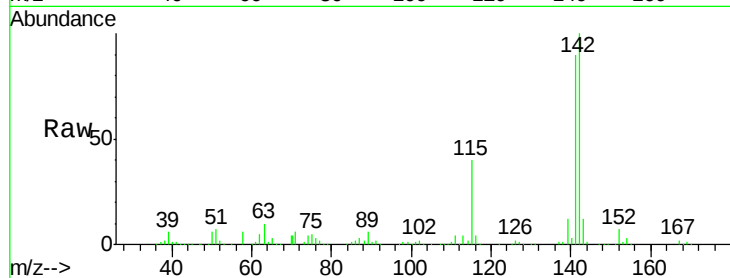
Acq: 23 May 2016 22:50

Instrument :

BNA_F

ClientSampleId :

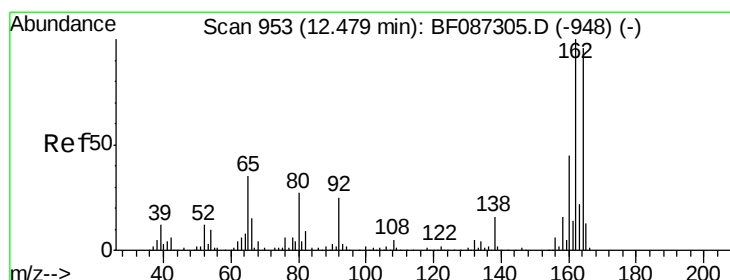
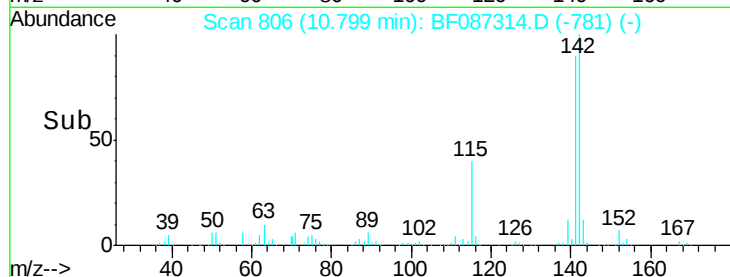
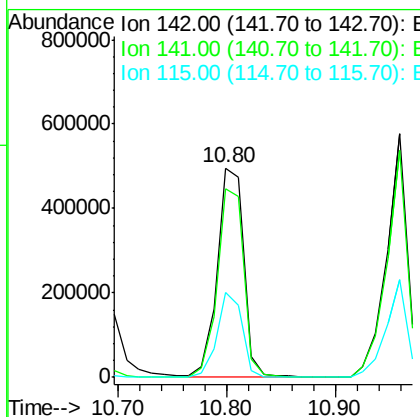
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Tgt Ion:	142	Resp:	834611
Ion Ratio	Lower	Upper	
142	100		
141	89.9	71.0	106.6
115	40.3	26.6	39.8#

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#38

Acenaphthene-d10

Concen: 20.00 ng

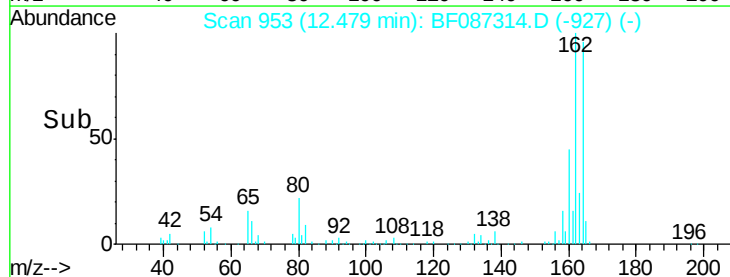
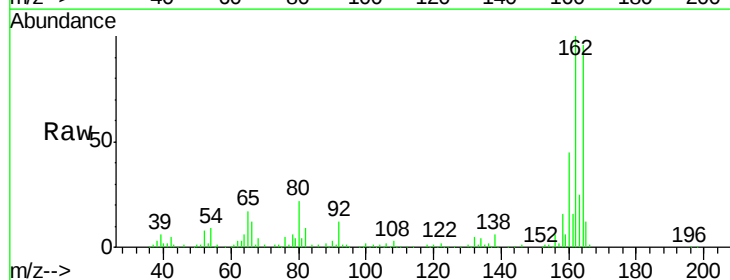
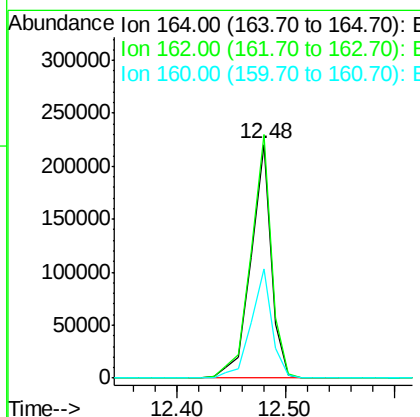
RT: 12.48 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Tgt Ion:	164	Resp:	288818
Ion Ratio	Lower	Upper	
164	100		
162	104.1	82.8	124.2
160	46.8	36.9	55.3





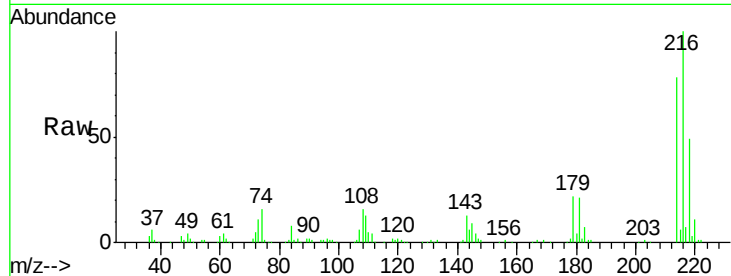
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.16 ng
 RT: 11.09 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

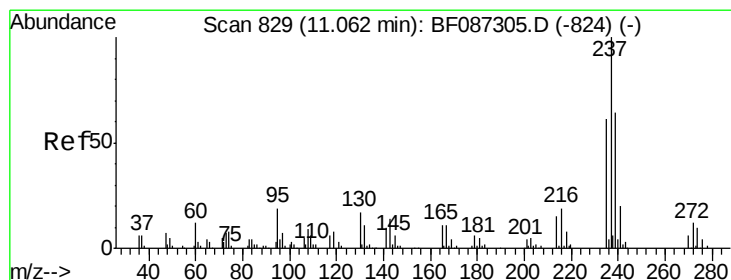
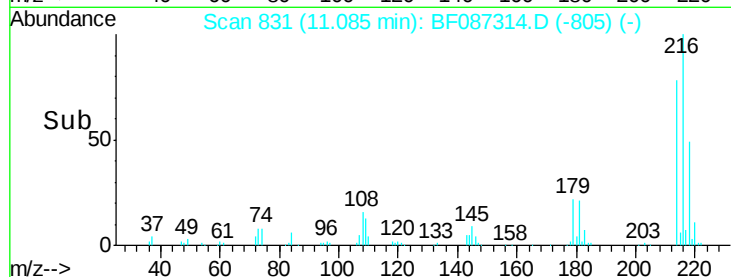
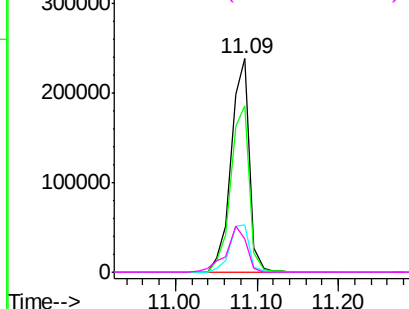
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	371295		
214	79.3	62.6	93.8	
179	23.7	18.2	27.4	
108	24.1	17.5	26.3	

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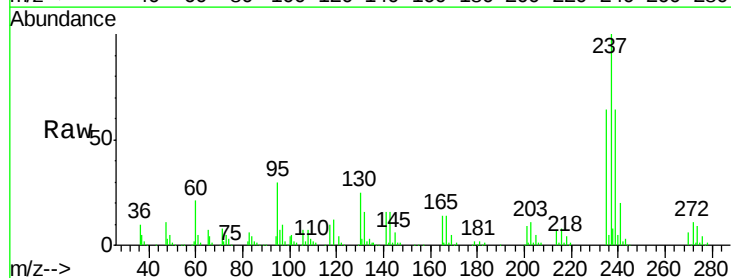


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

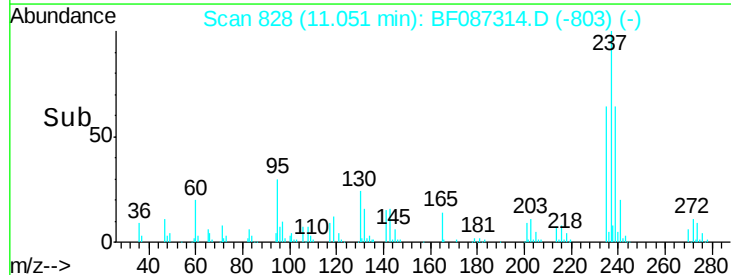
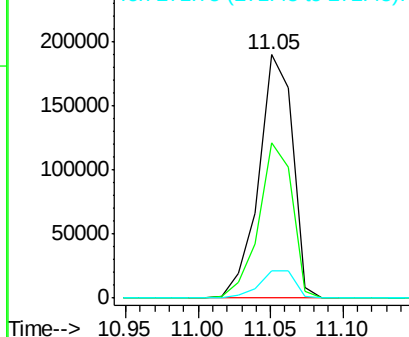


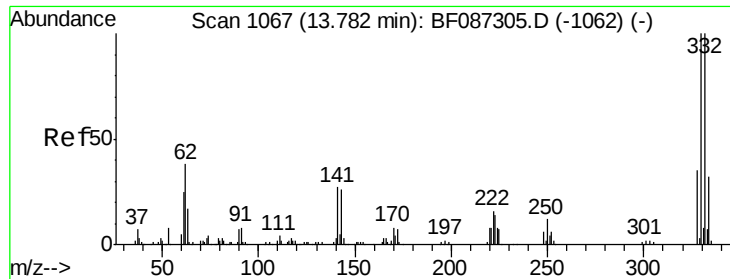
#40
 Hexachlorocyclopentadiene
 Concen: 81.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	308702		
235	63.8	47.2	87.2	
272	11.4	0.0	31.1	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





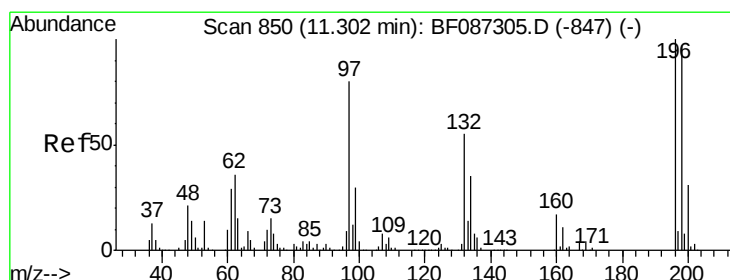
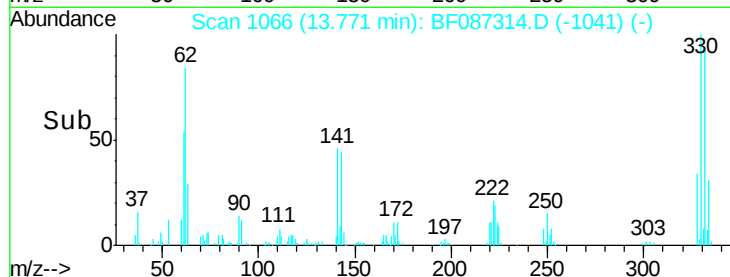
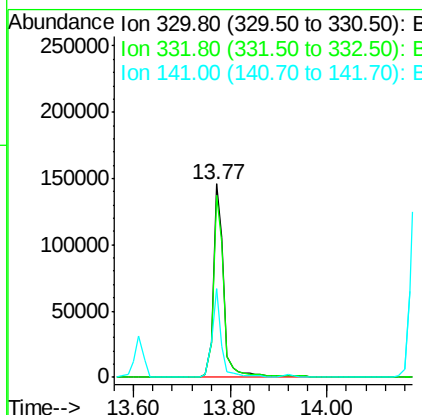
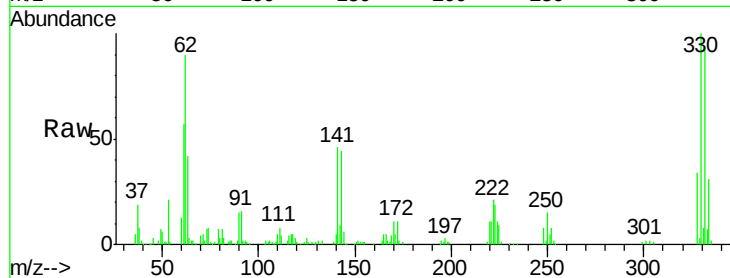
#41
 2,4,6-Tribromophenol
 Concen: 81.76 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	226925		
332	95.8	79.0	118.4	
141	40.6	31.2	46.8	

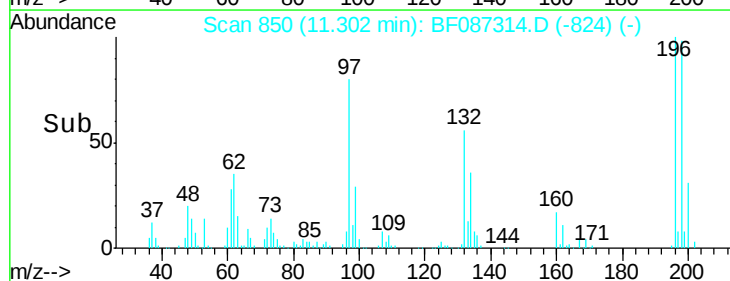
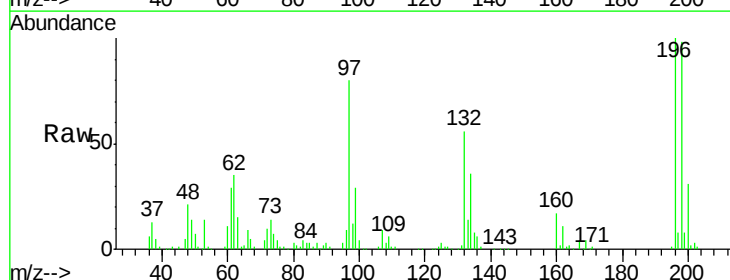
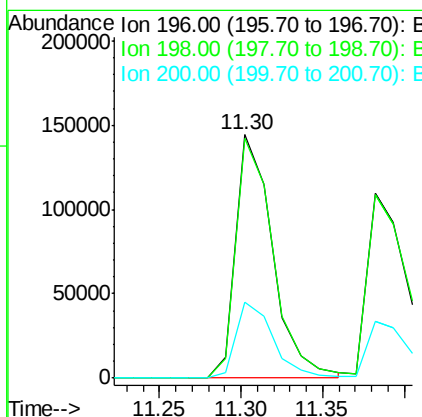
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#42
 2,4,6-Trichlorophenol
 Concen: 42.36 ng
 RT: 11.30 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

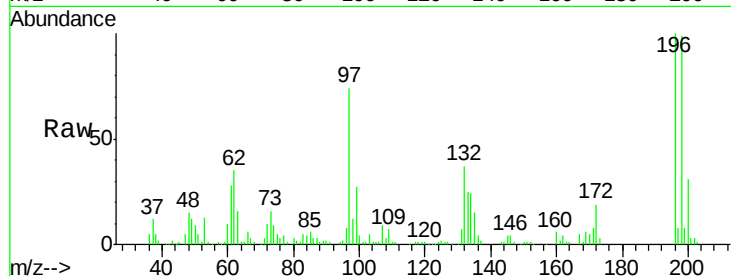
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	226058		
198	98.4	74.7	112.1	
200	31.0	23.8	35.6	





#43
2,4,5-Trichlorophenol
Concen: 43.27 ng
RT: 11.38 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

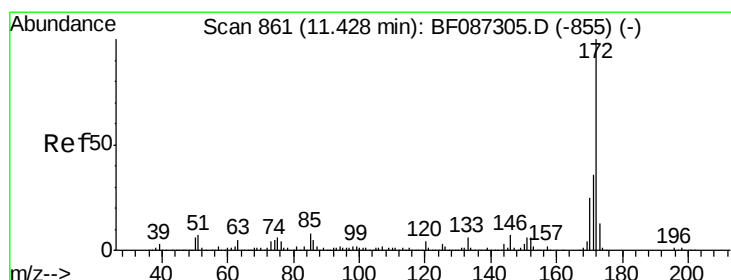
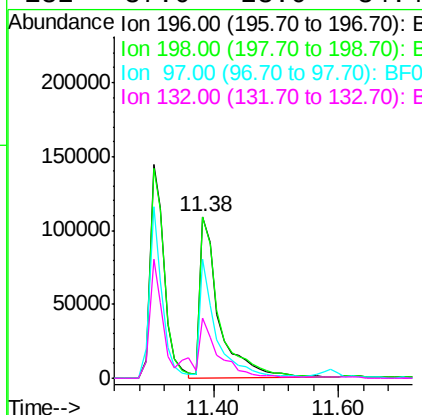
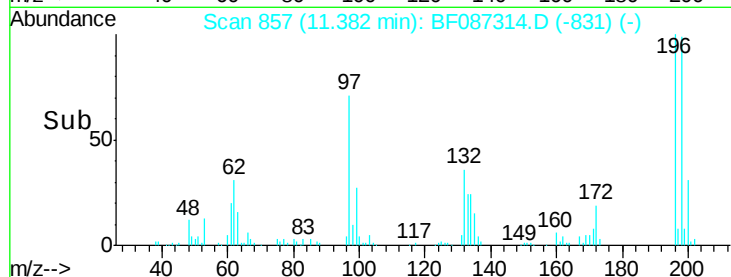
Instrument :
BNA_F
ClientSampleId :
PB90662BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235127		
198	99.4	77.5	116.3	
97	73.8	34.8	52.2	#
132	37.0	23.0	34.4	#

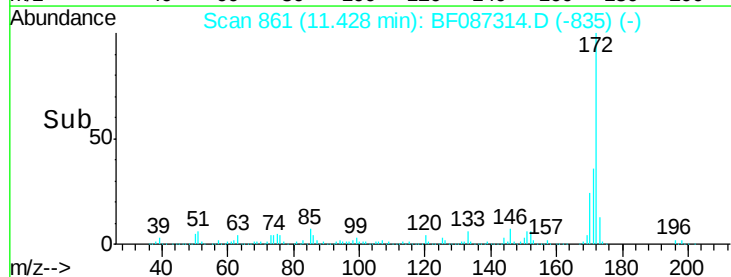
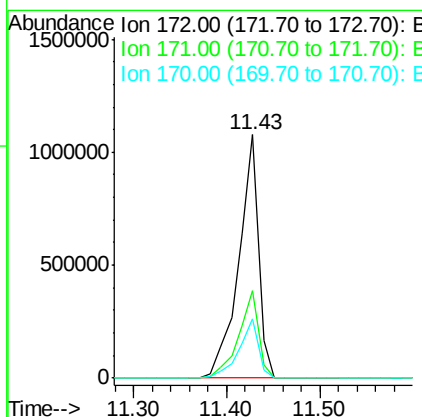
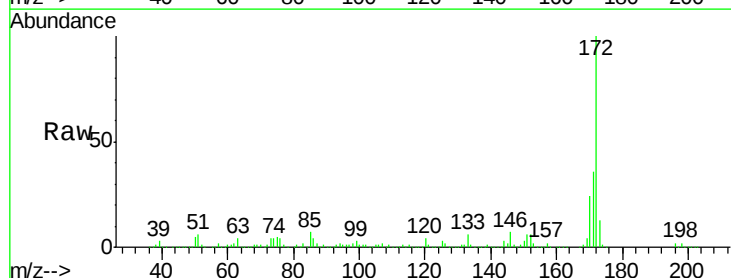
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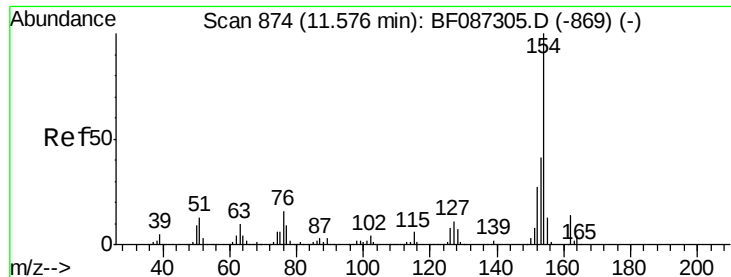
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#44
2-Fluorobiphenyl
Concen: 77.83 ng
RT: 11.43 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1594524		
171	36.1	29.0	43.6	
170	24.3	19.8	29.8	





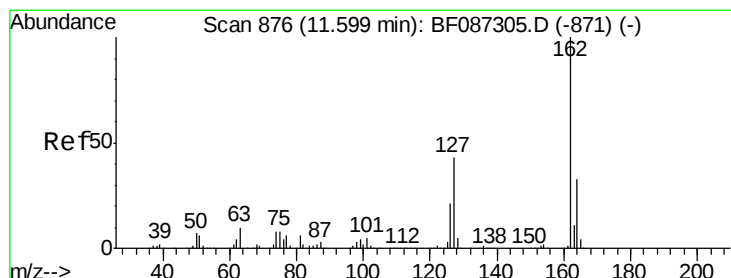
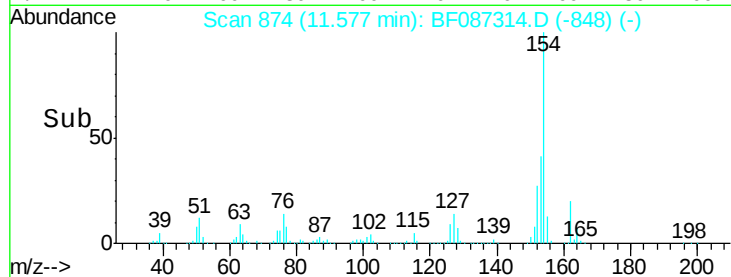
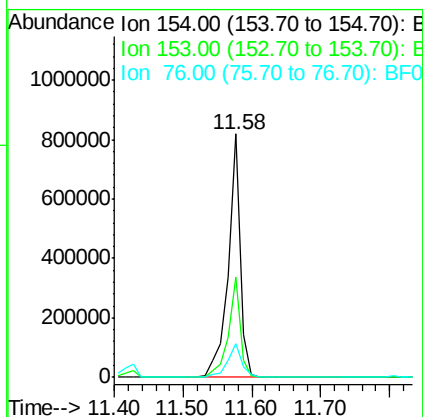
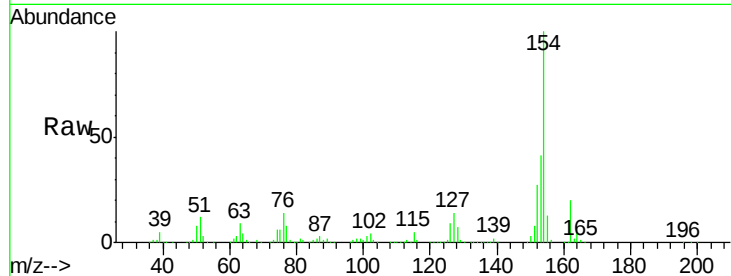
#45
 1,1'-Biphenyl
 Concen: 42.20 ng
 RT: 11.58 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.3	60.3
76	14.1	0.0	30.2

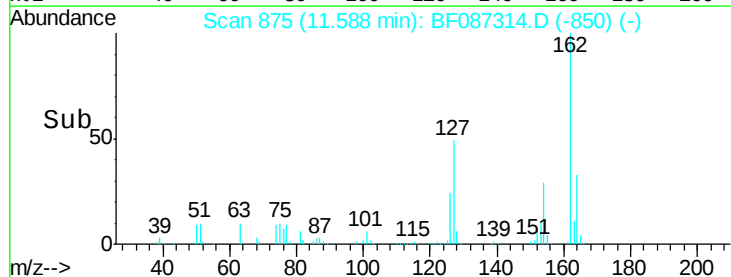
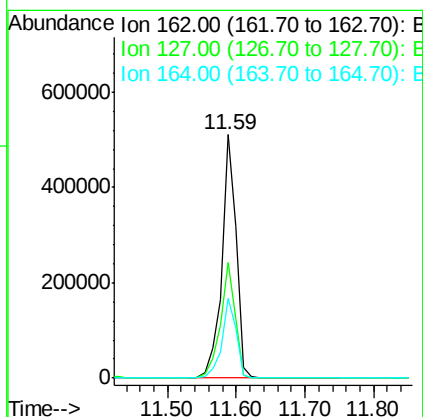
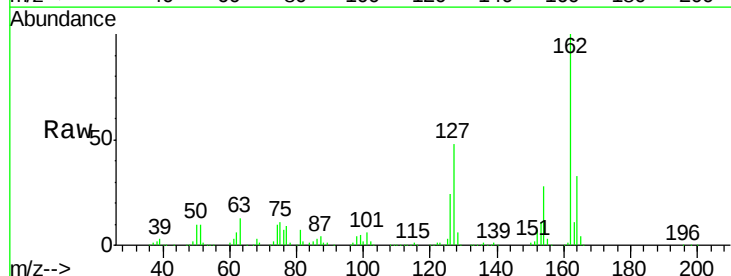
Manual Integrations
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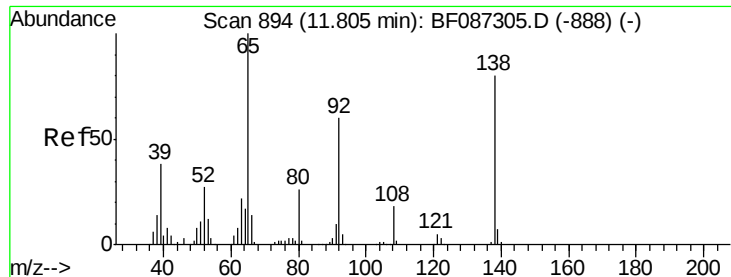
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#46
 2-Chloronaphthalene
 Concen: 40.53 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.6	31.8	47.6
164	32.5	27.0	40.6





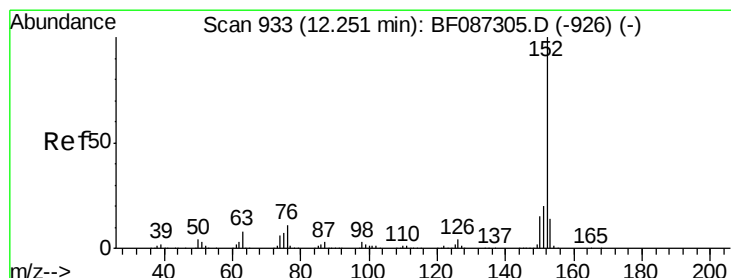
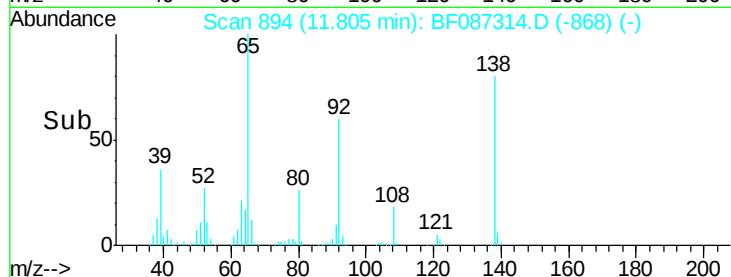
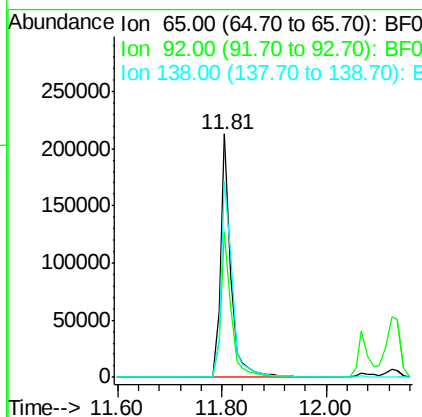
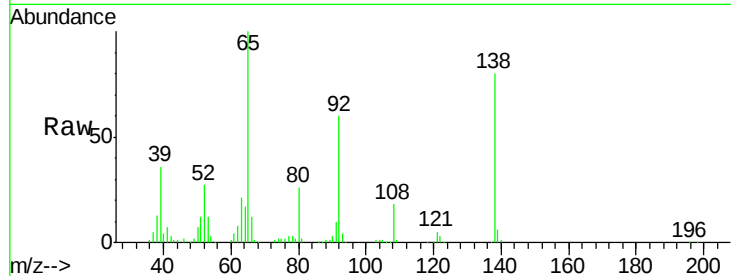
#47
2-Nitroaniline
Concen: 43.49 ng
RT: 11.81 min Scan# 894
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.5	57.4	86.2
138	80.5	90.1	135.1#

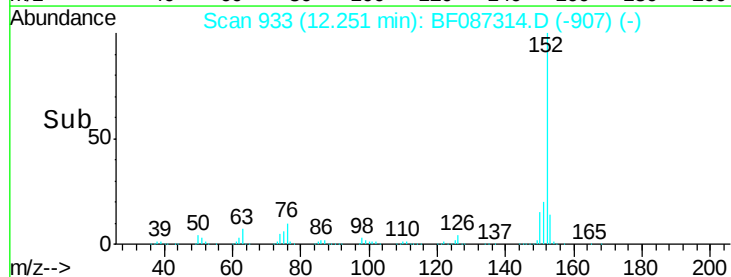
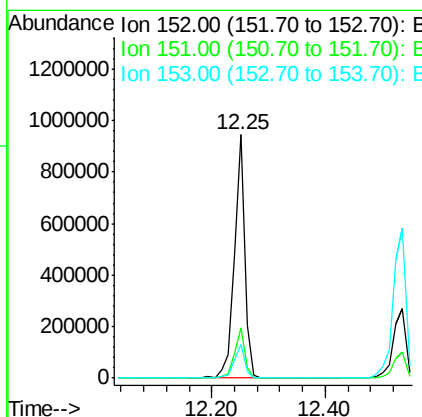
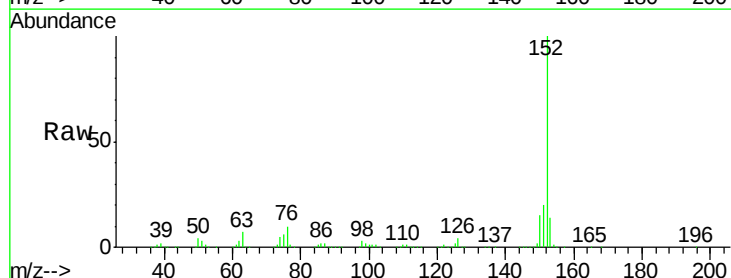
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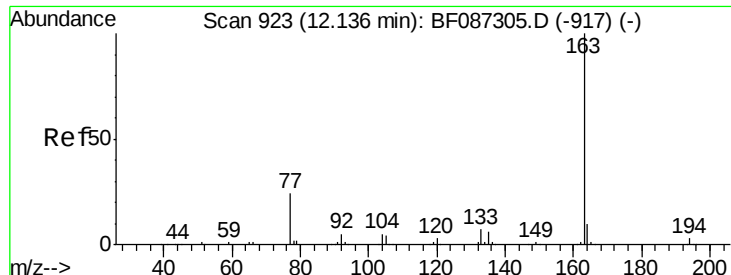
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#48
Acenaphthylene
Concen: 41.72 ng
RT: 12.25 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.8	25.2
153	13.9	10.9	16.3





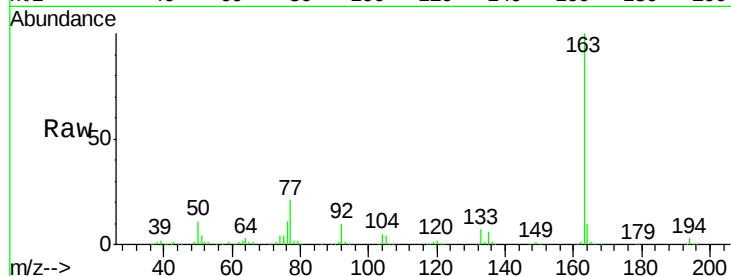
#49
Dimethylphthalate
Concen: 41.75 ng
RT: 12.14 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB90662BS

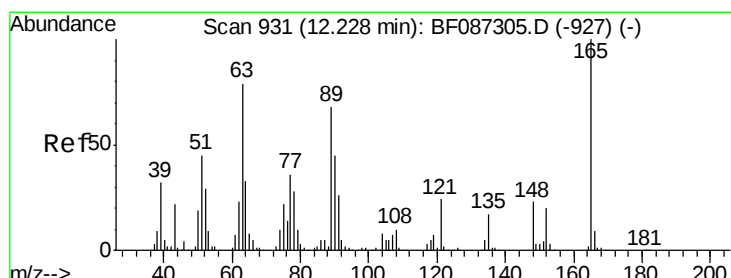
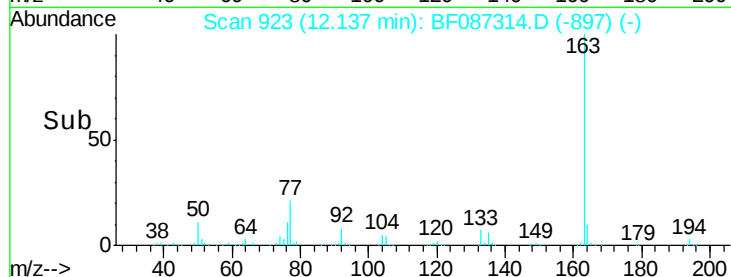
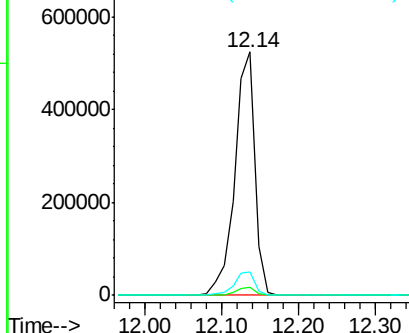
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.3	2.6	4.0
164	9.9	8.2	12.4

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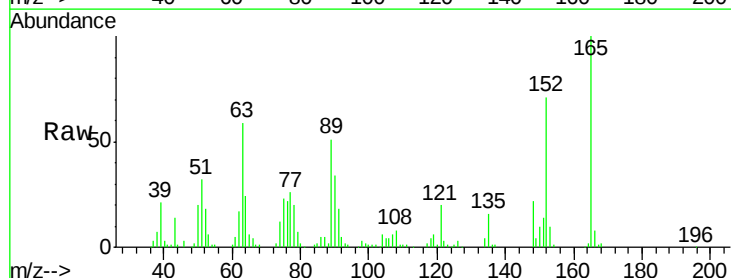


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

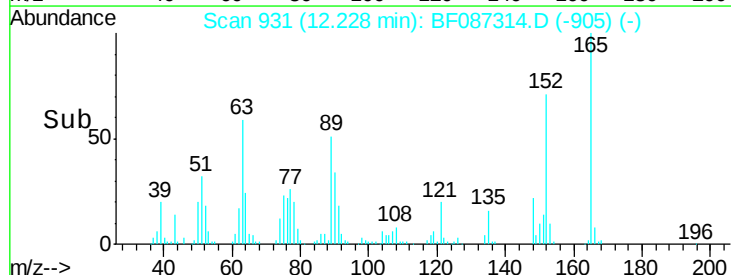
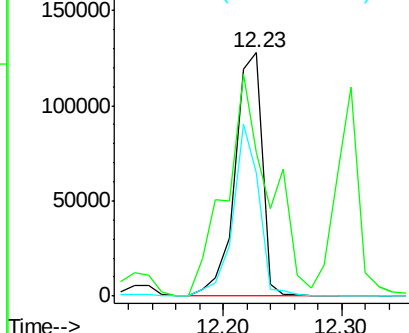


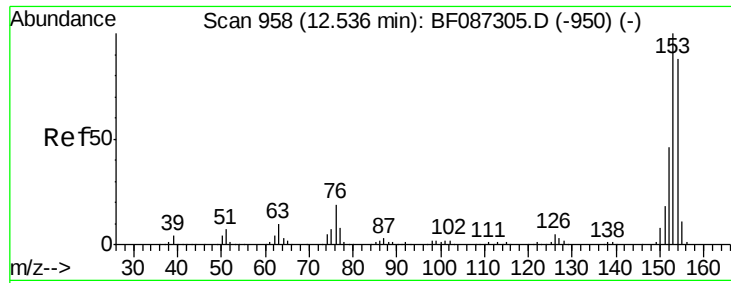
#50
2,6-Dinitrotoluene
Concen: 43.86 ng
RT: 12.23 min Scan# 931
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	59.0	51.8	77.8
89	50.6	50.7	76.1#



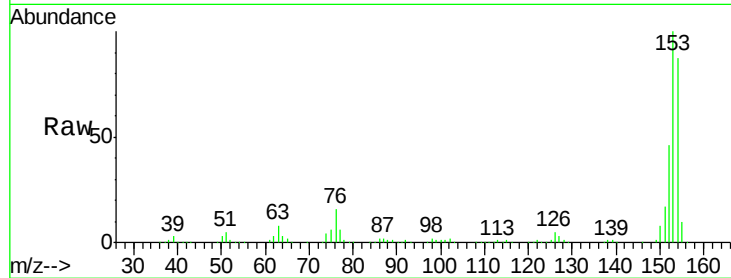
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51
Acenaphthene
Concen: 42.12 ng
RT: 12.54 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

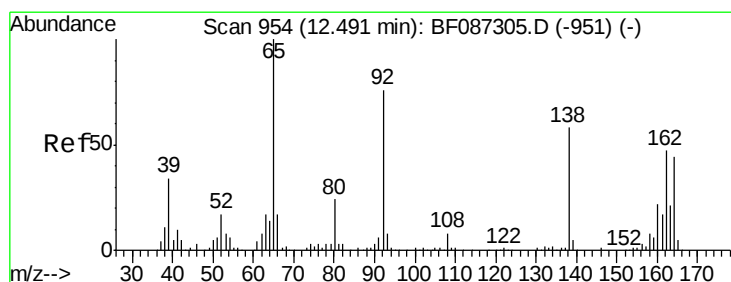
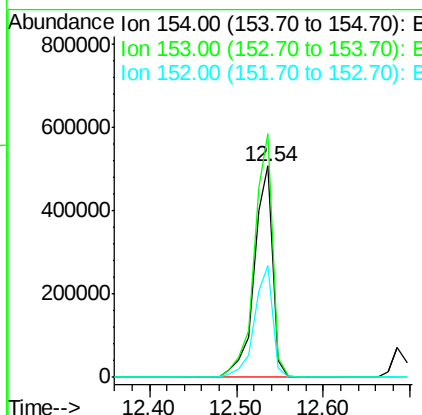
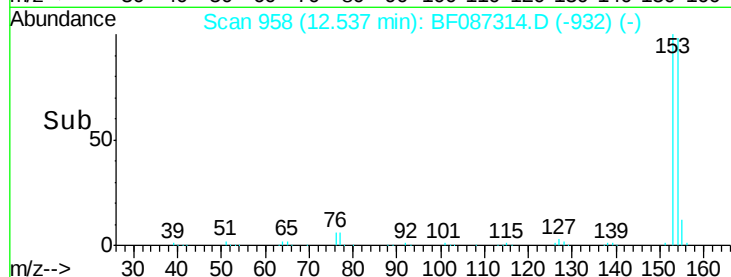
Instrument :
BNA_F
ClientSampleId :
PB90662BS



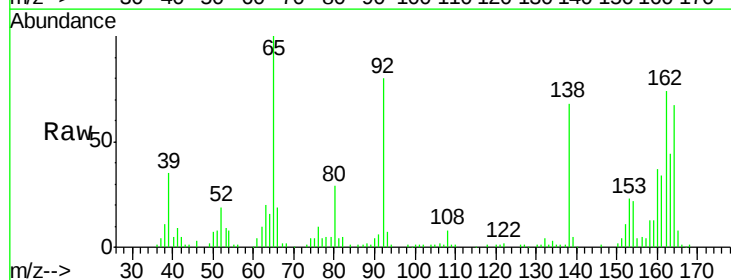
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	762515		
153	115.2	89.8	134.6	
152	53.1	43.4	65.0	

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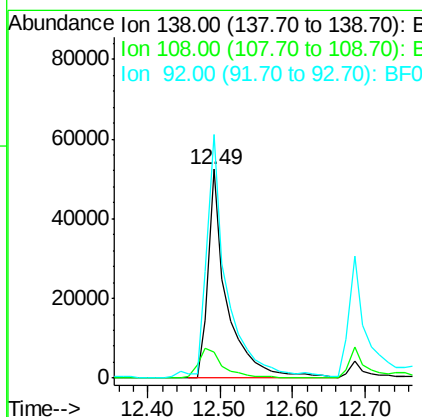
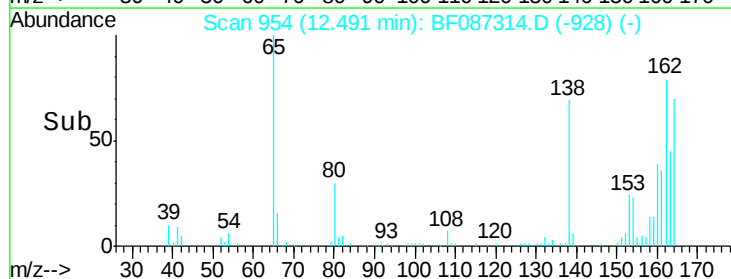
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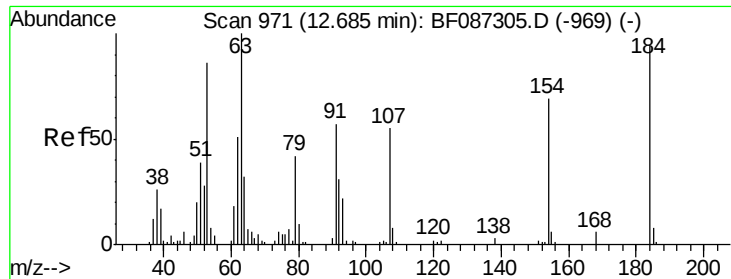


#52
3-Nitroaniline
Concen: 19.58 ng
RT: 12.49 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50



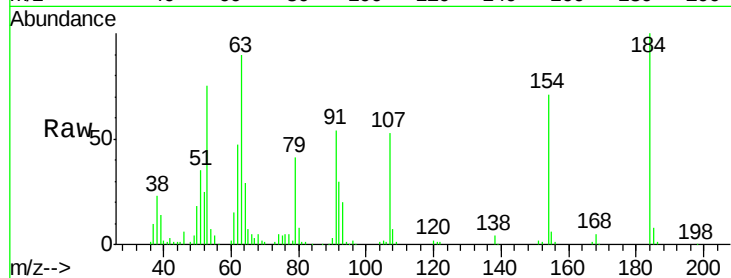
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	93700		
108	12.3	7.8	11.6#	
92	116.6	87.8	131.8	





#53
 2,4-Dinitrophenol
 Concen: 79.86 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

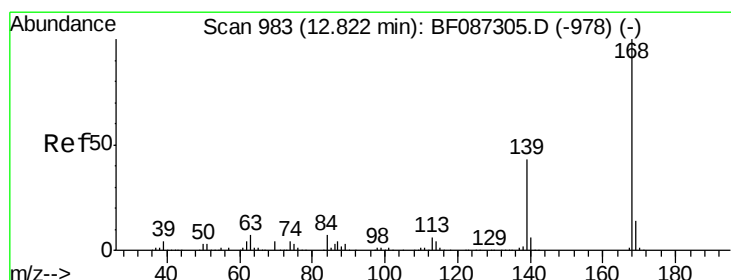
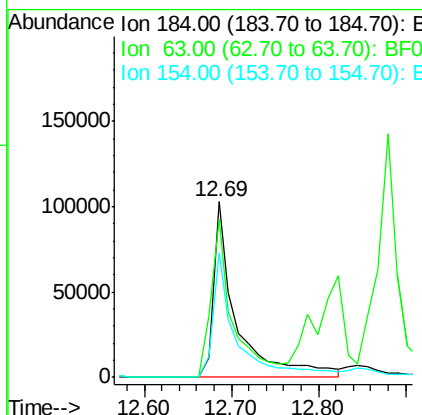
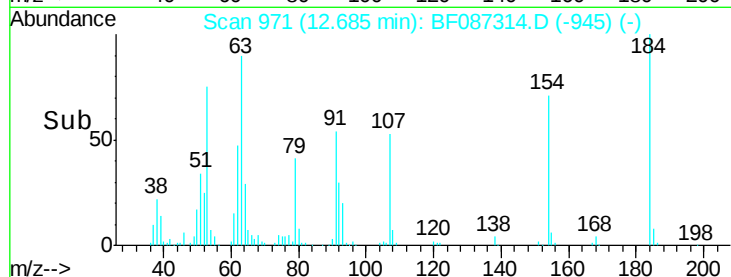
Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS



Tgt Ion	Ratio	Resp	Lower	Upper
184	100	190499		
63	90.2	55.8	83.8#	
154	70.8	62.4	93.6	

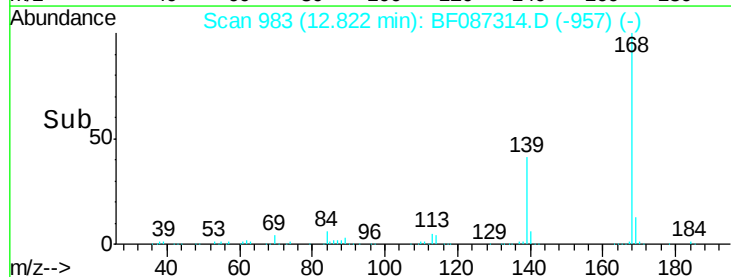
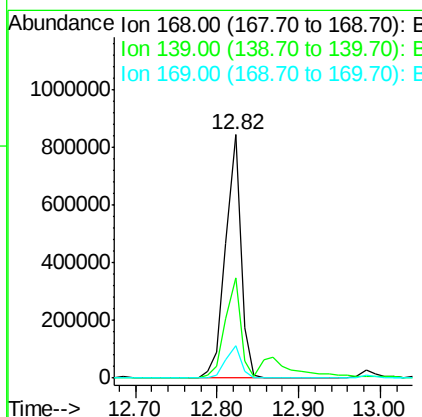
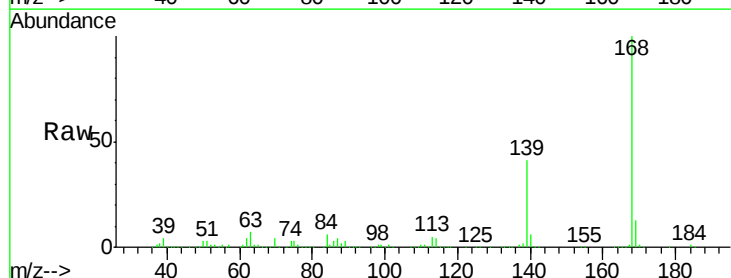
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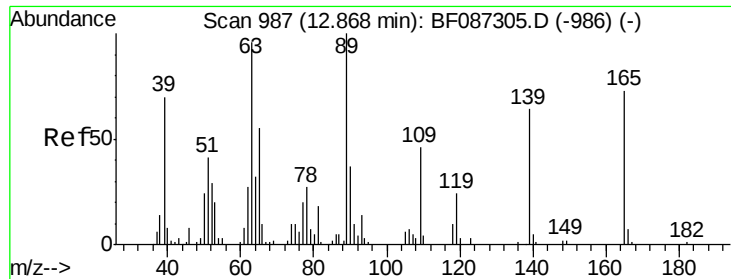
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#54
 Dibenzofuran
 Concen: 45.34 ng
 RT: 12.82 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1111333		
139	41.2	31.4	47.0	
169	13.4	10.7	16.1	





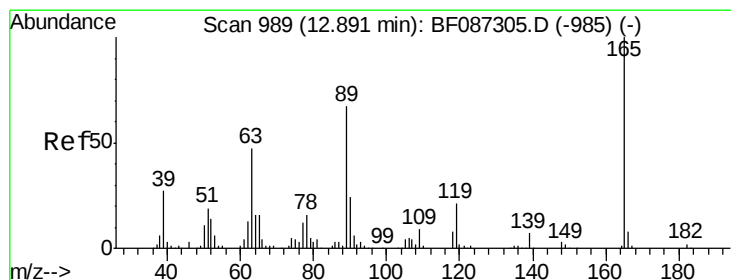
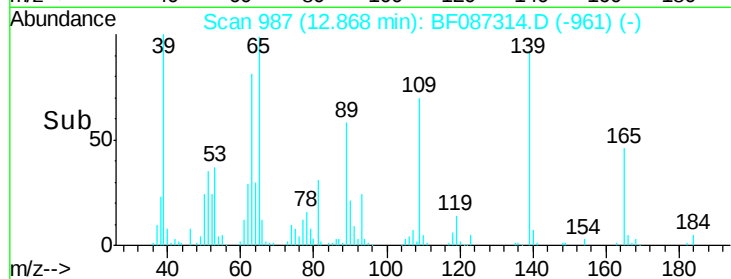
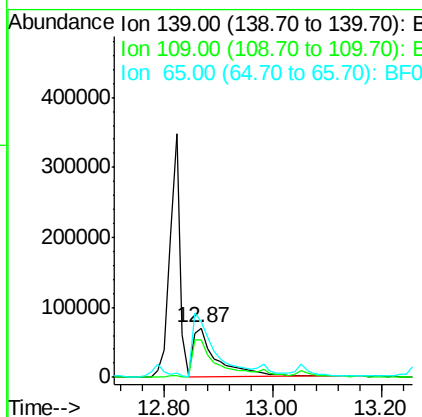
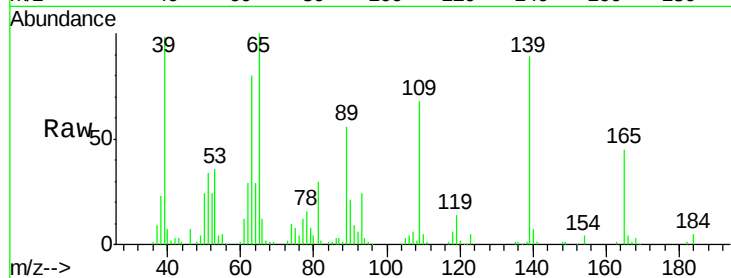
#55
4-Nitrophenol
Concen: 93.45 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB90662BS

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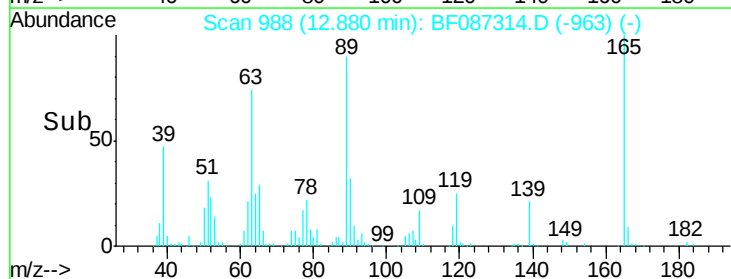
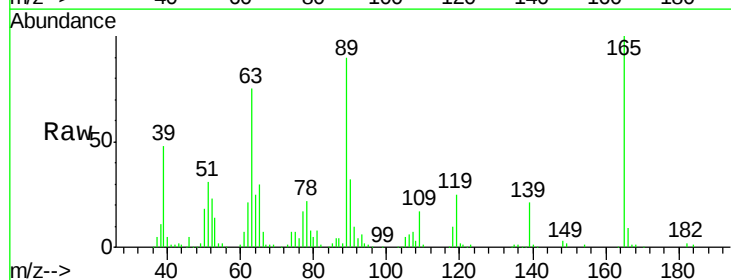
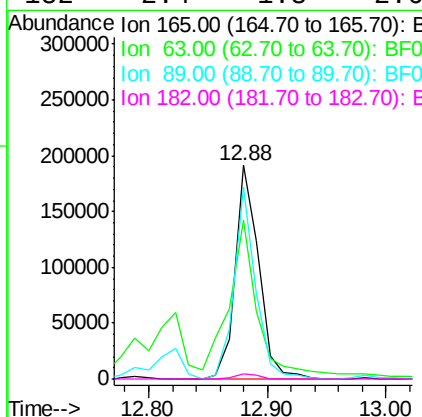
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	213284		
109	76.6	36.9	76.9	
65	112.7	64.0	104.0#	



#56
2,4-Dinitrotoluene
Concen: 42.71 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	266134		
63	74.6	44.3	66.5#	
89	90.0	70.0	105.0	
182	2.4	1.8	2.6	





#57

Fluorene

Concen: 41.31 ng

RT: 13.37 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF087314.D

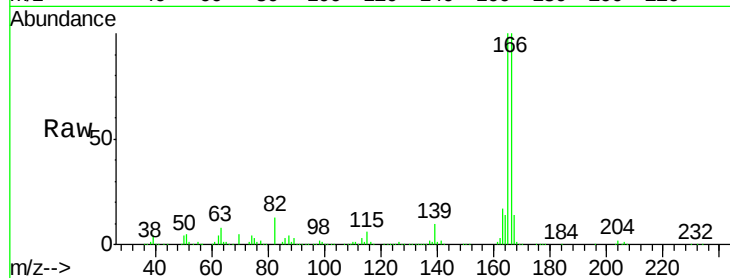
Acq: 23 May 2016 22:50

Instrument :

BNA_F

ClientSampleId :

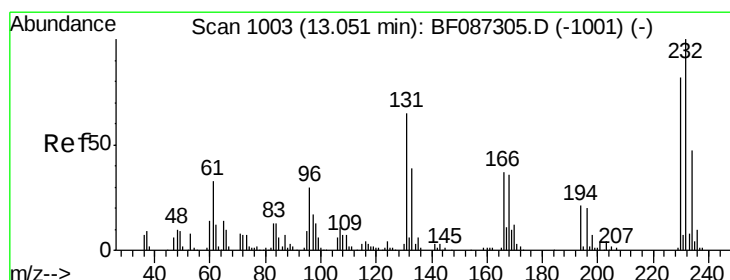
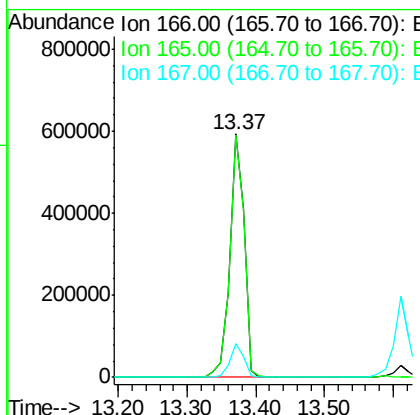
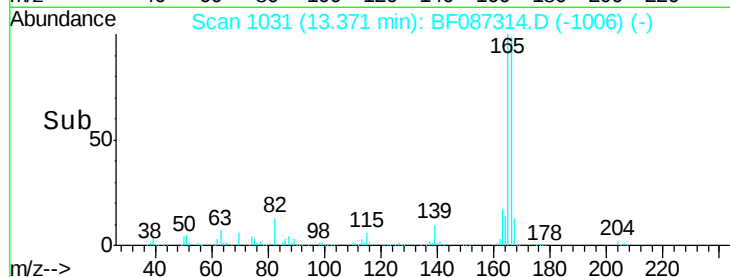
PB90662BS



Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.8	79.0	118.6	
167	13.7	10.6	15.8	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.76 ng

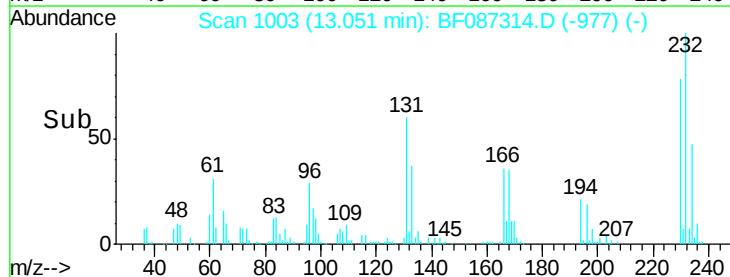
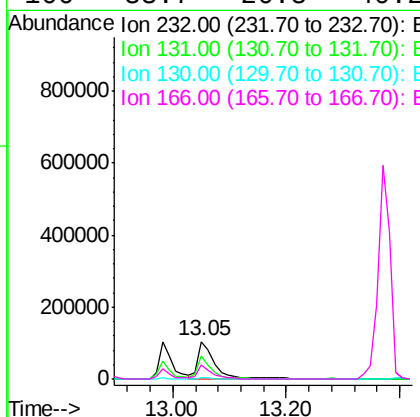
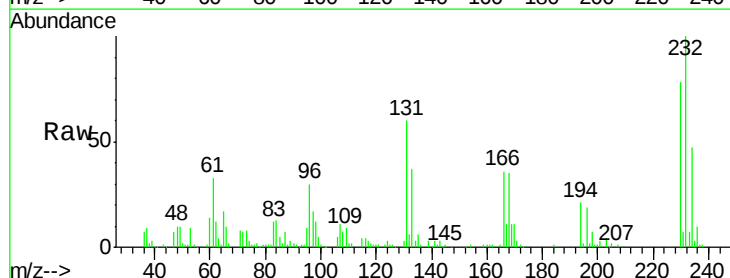
RT: 13.05 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.7	41.9	62.9	
130	2.8	2.2	3.4	
166	33.7	26.8	40.2	





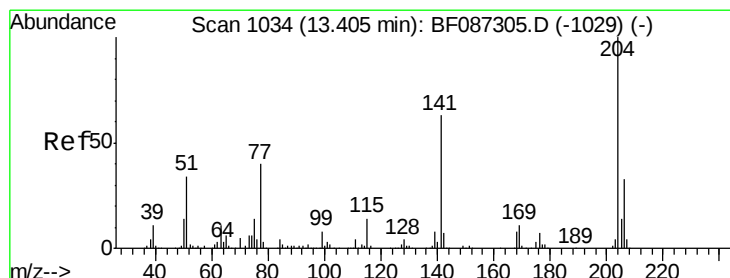
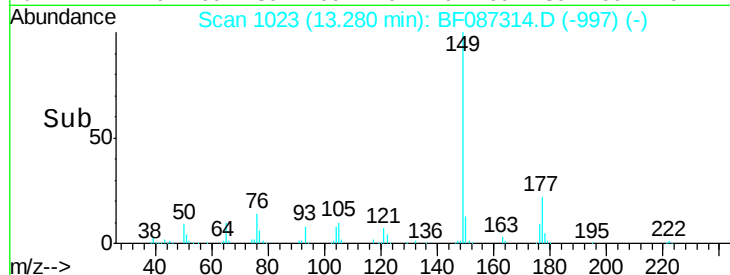
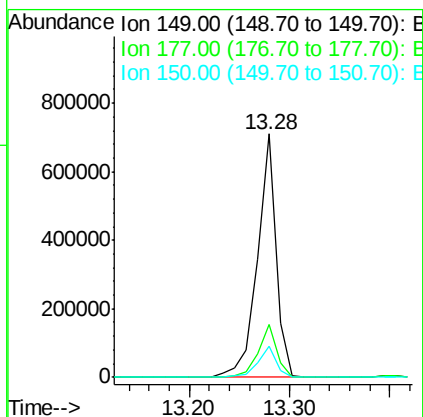
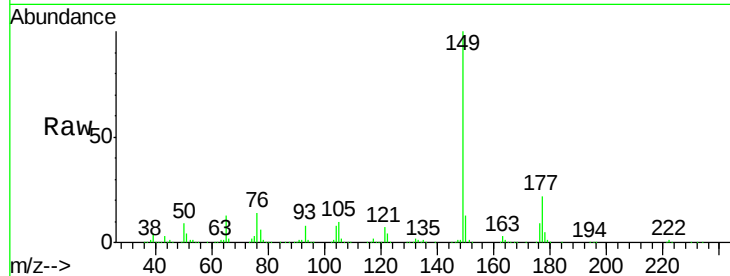
#59
Diethylphthalate
Concen: 40.96 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	921307		
177	21.7	16.6	24.8	
150	12.5	10.0	15.0	

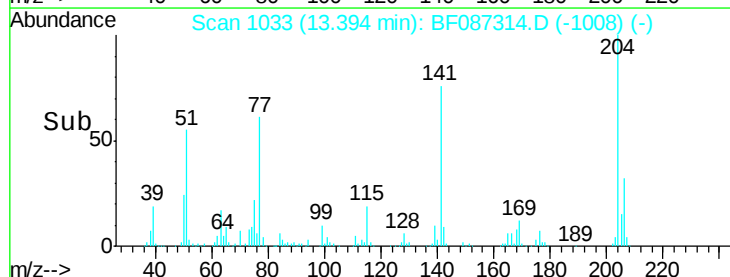
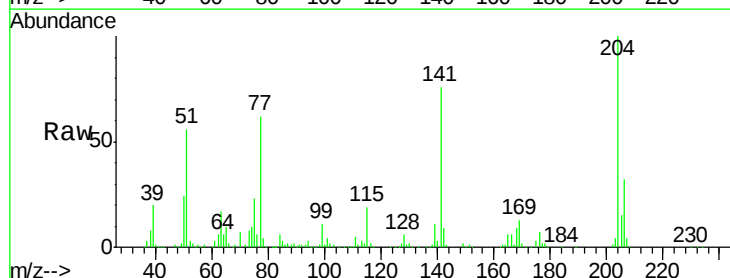
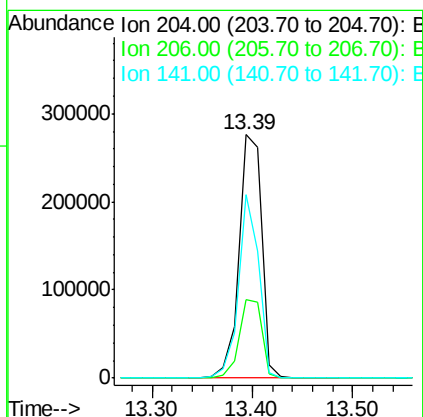
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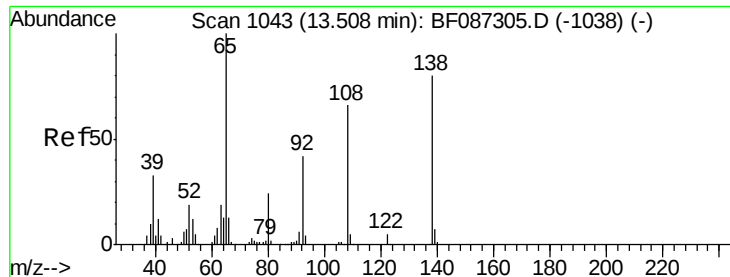
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#60
4-Chlorophenyl-phenylether
Concen: 41.50 ng
RT: 13.39 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	430131		
206	32.3	25.4	38.0	
141	75.5	61.6	92.4	





#61

4-Nitroaniline

Concen: 39.09 ng

RT: 13.50 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF087314.D

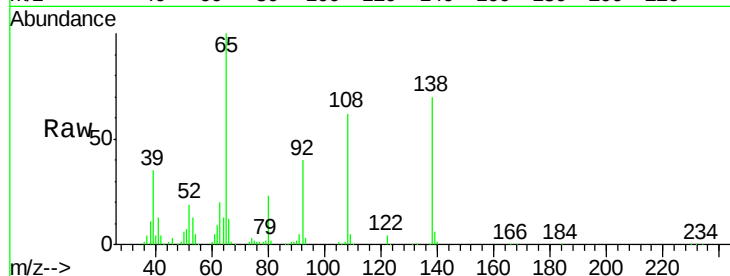
Acq: 23 May 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB90662BS



Tgt Ion: 138 Resp: 174551

Ion Ratio Lower Upper

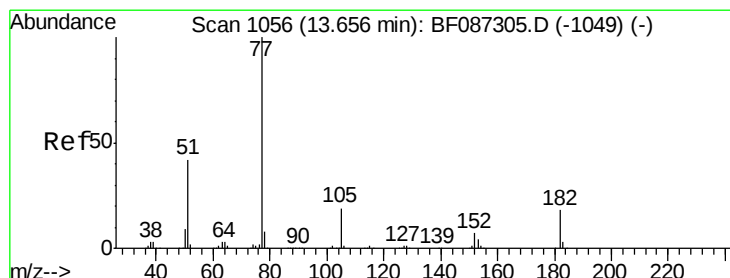
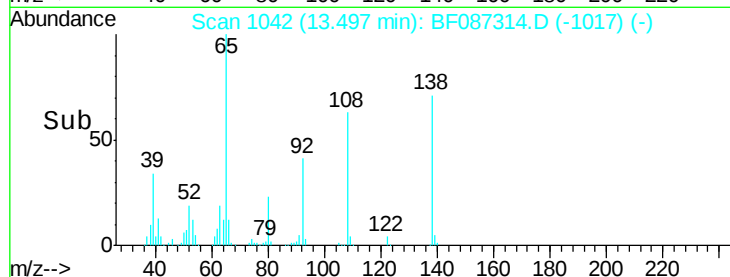
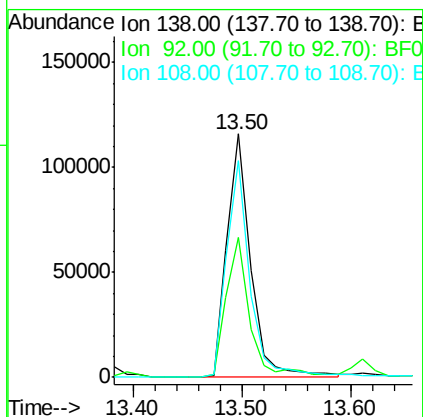
138 100

92 57.6 24.7 64.7

108 88.9 37.4 77.4#

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#62

Azobenzene

Concen: 46.85 ng

RT: 13.66 min Scan# 1056

Delta R.T. 0.00 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Tgt Ion: 77 Resp: 1093300

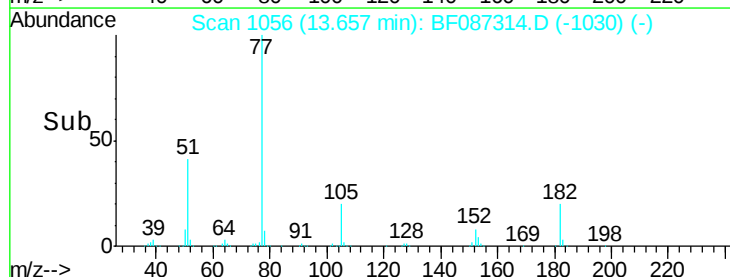
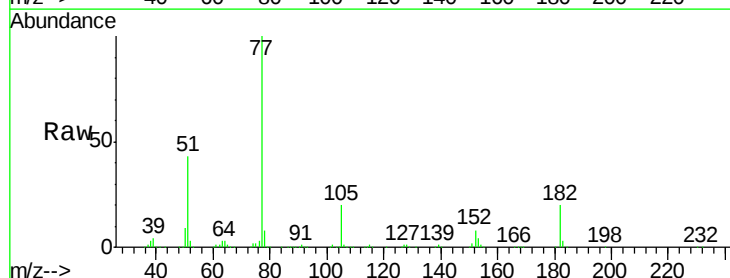
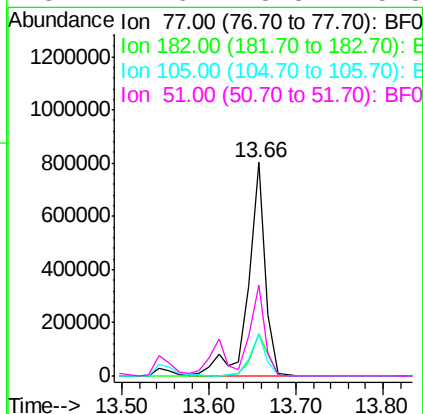
Ion Ratio Lower Upper

77 100

182 19.7 0.0 38.8

105 20.1 3.2 43.2

51 42.6 8.8 48.8





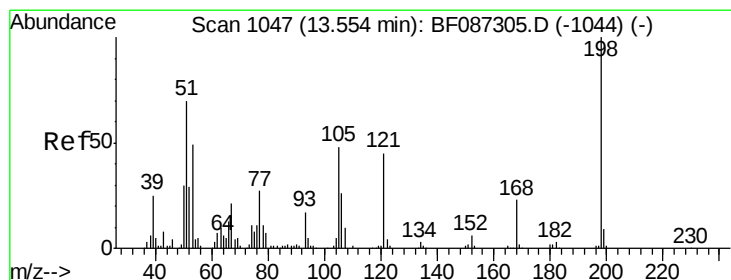
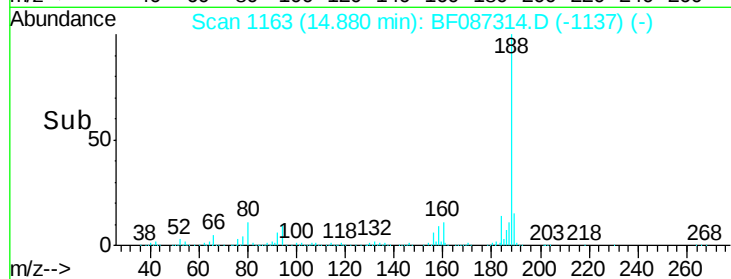
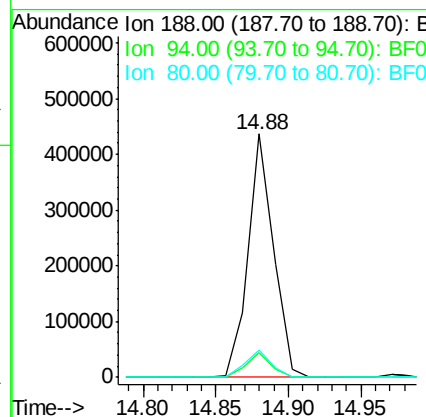
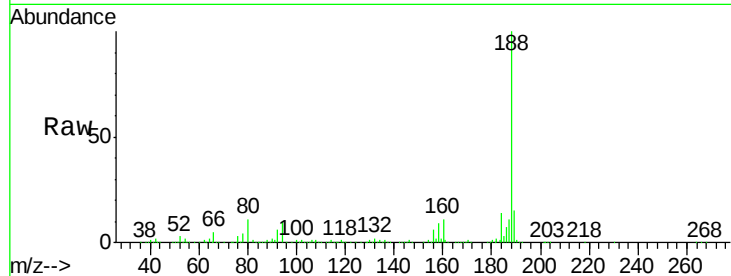
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.2	6.8	10.2
80	11.4	7.1	10.7

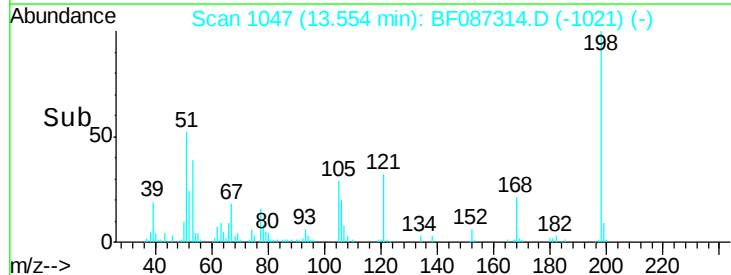
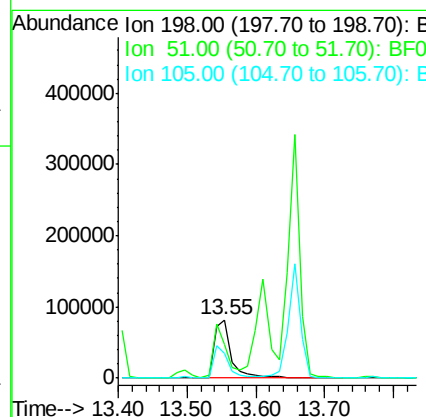
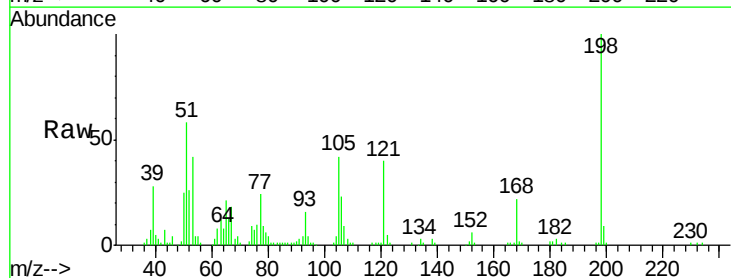
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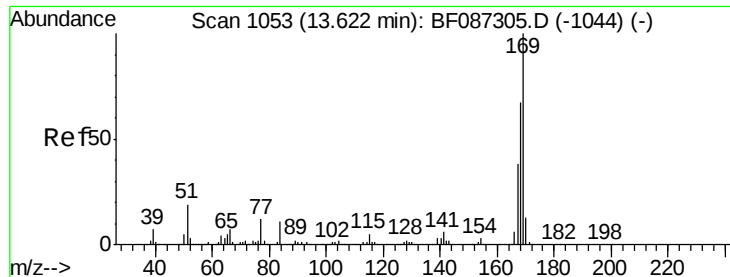
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#64
4,6-Dinitro-2-methylphenol
Concen: 42.89 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	58.2	20.5	60.5
105	41.7	24.5	64.5





#65

n-Nitrosodiphenylamine

Concen: 42.84 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Instrument :

BNA_F

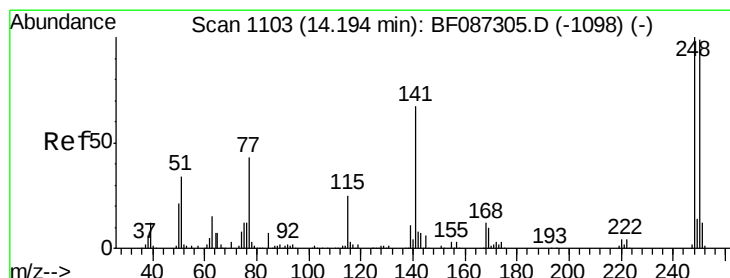
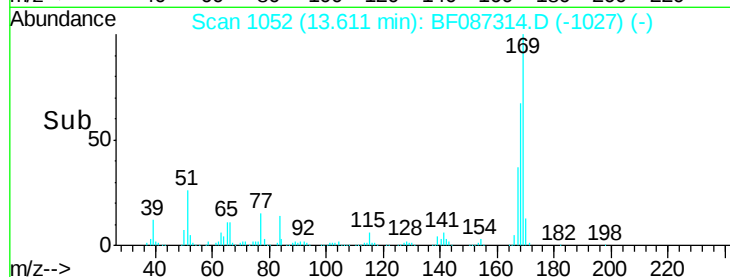
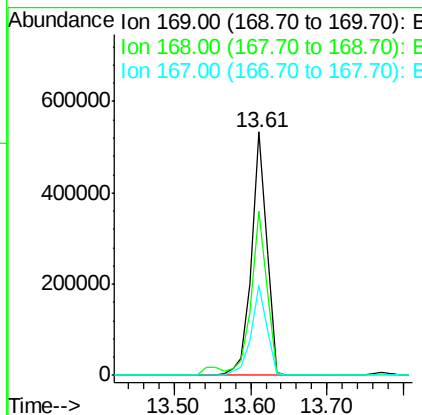
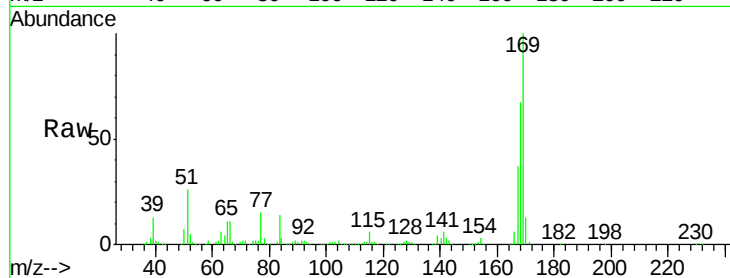
ClientSampleId :

PB90662BS

Tgt Ion:	169	Resp:	736639
Ion Ratio	Lower	Upper	
169	100		
168	67.5	53.8	80.6
167	37.1	29.5	44.3

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#66

4-Bromophenyl-phenylether

Concen: 41.92 ng

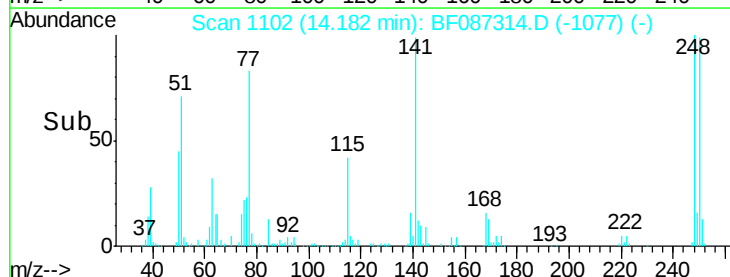
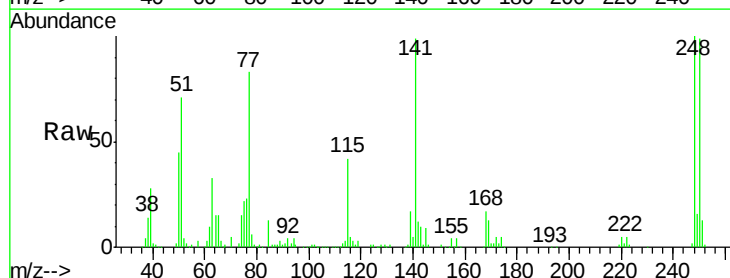
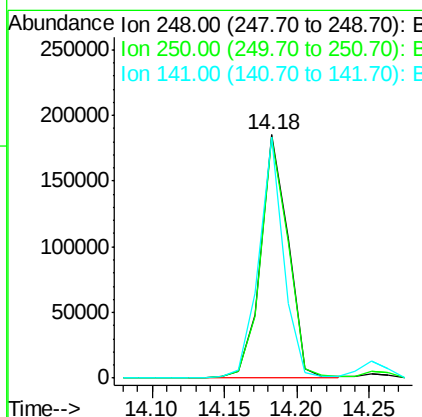
RT: 14.18 min Scan# 1102

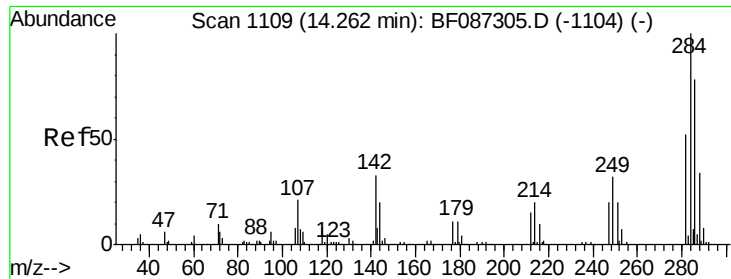
Delta R.T. -0.01 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Tgt Ion:	248	Resp:	243885
Ion Ratio	Lower	Upper	
248	100		
250	98.9	78.6	117.8
141	99.1	76.0	114.0





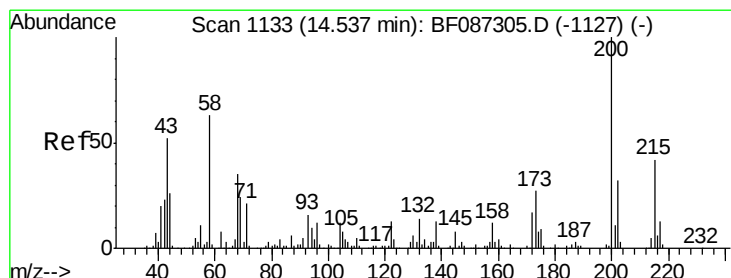
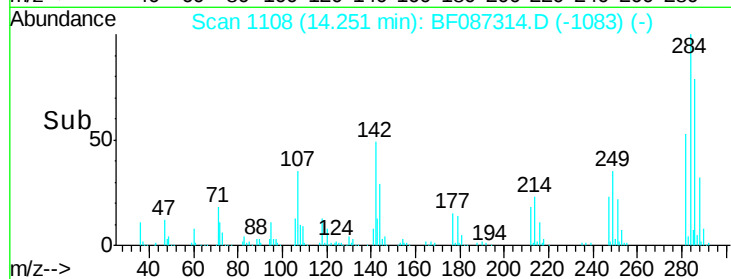
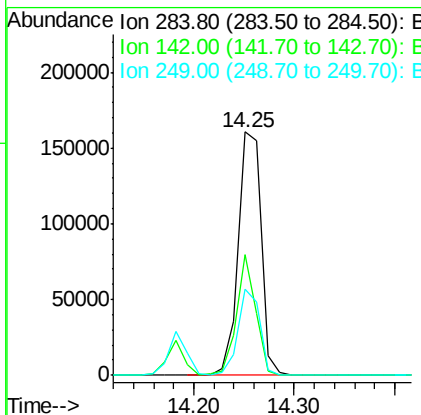
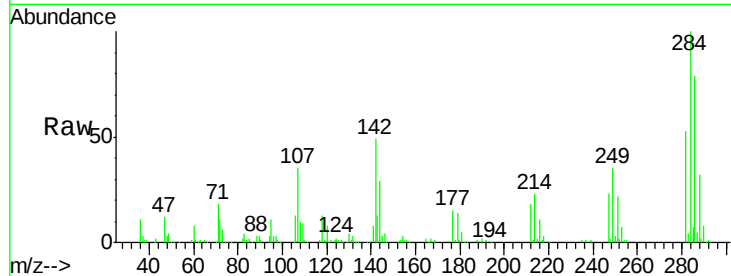
#67
 Hexachlorobenzene
 Concen: 42.03 ng
 RT: 14.25 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tgt Ion:	284	Resp:	255746
Ion Ratio	Lower	Upper	
284	100		
142	49.3	16.7	25.1#
249	35.2	21.3	31.9#

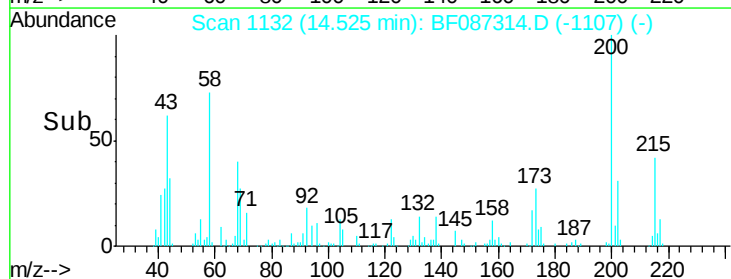
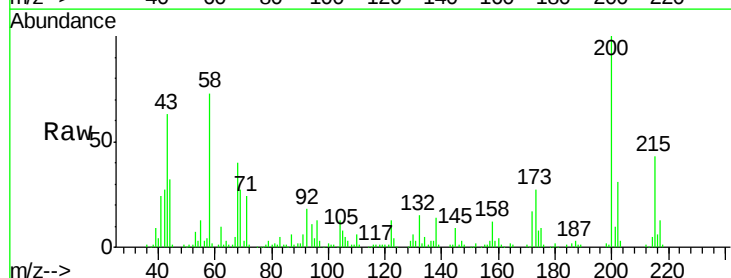
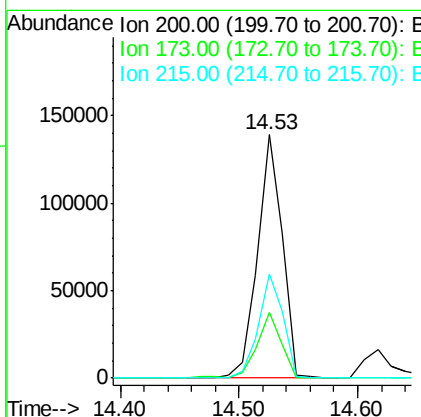
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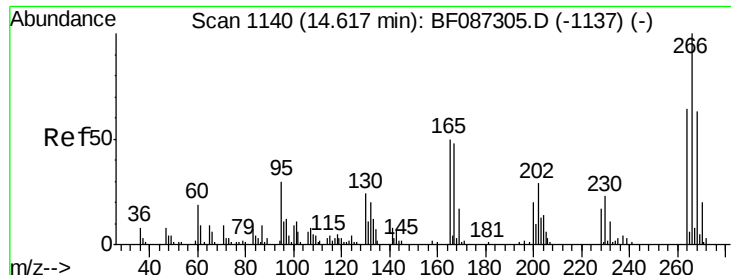
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#68
 Atrazine
 Concen: 36.83 ng
 RT: 14.53 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Tgt Ion:	200	Resp:	201912
Ion Ratio	Lower	Upper	
200	100		
173	26.9	8.5	48.5
215	42.7	27.2	67.2





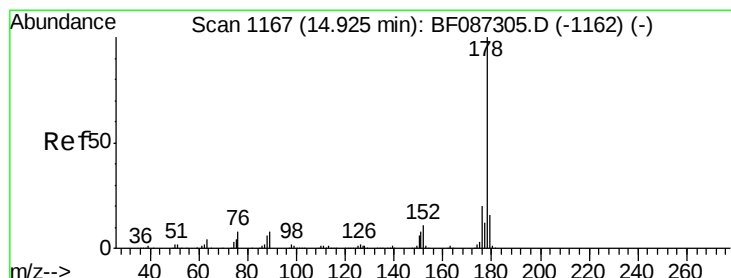
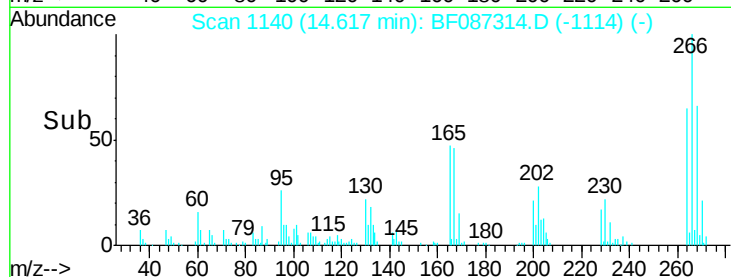
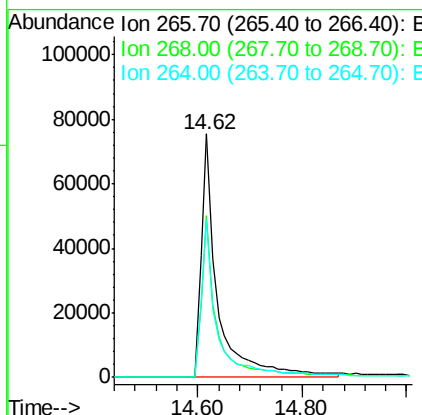
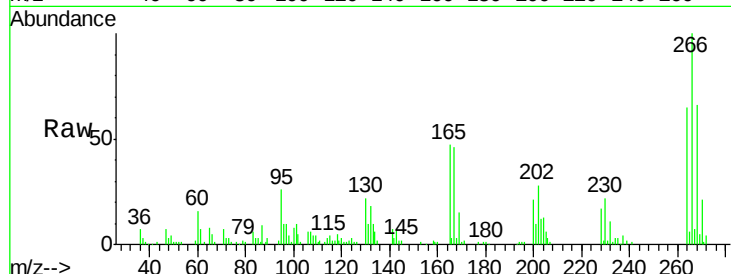
#69
 Pentachlorophenol
 Concen: 87.70 ng
 RT: 14.62 min Scan# 1140
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleID :
 PB90662BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.5	77.3
264	64.7	52.9	79.3

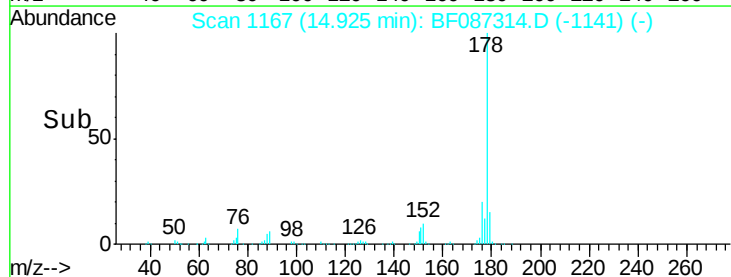
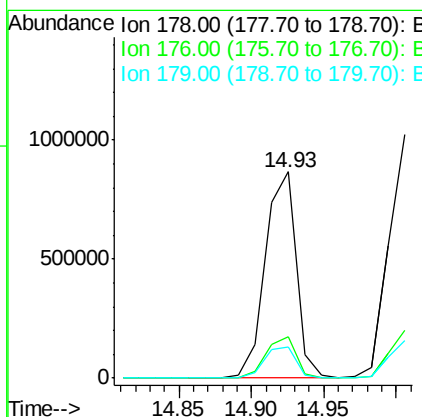
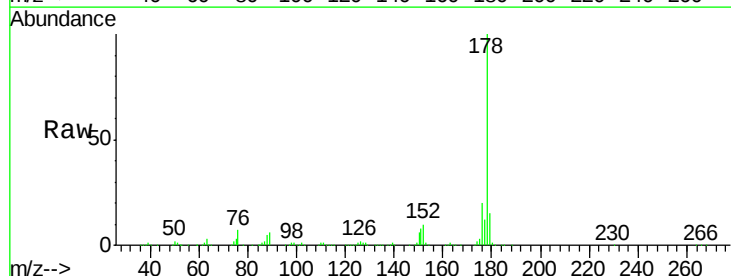
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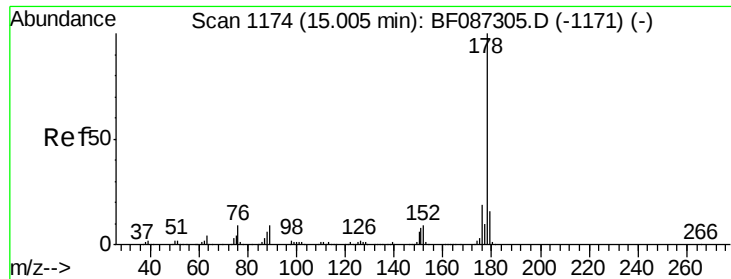
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#70
 Phenanthrene
 Concen: 43.65 ng
 RT: 14.93 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.0	24.0
179	15.2	12.6	18.8





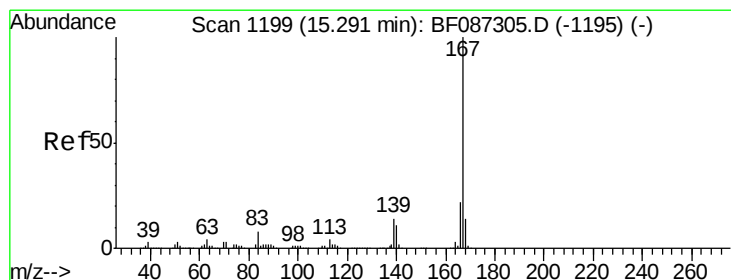
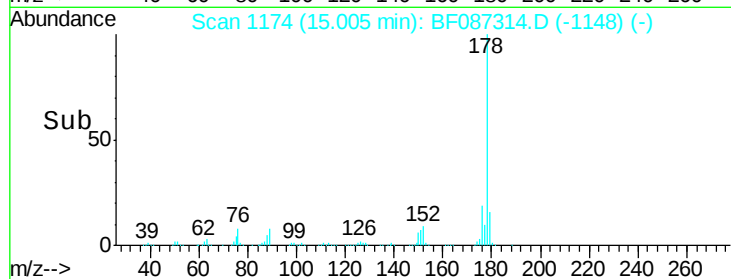
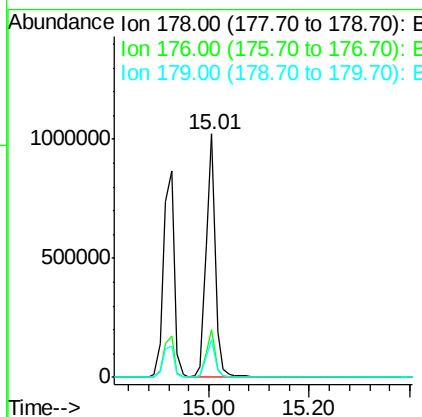
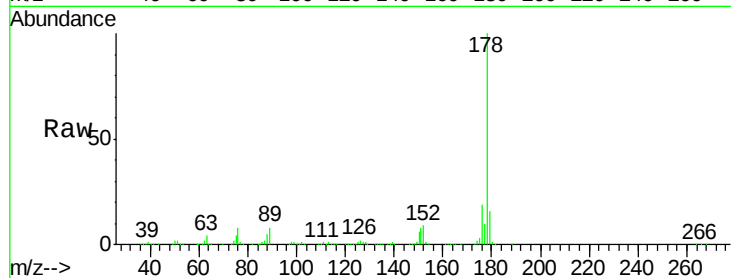
#71
 Anthracene
 Concen: 43.79 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tgt Ion:178 Resp: 1302853
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.6 23.4
 179 15.6 12.7 19.1

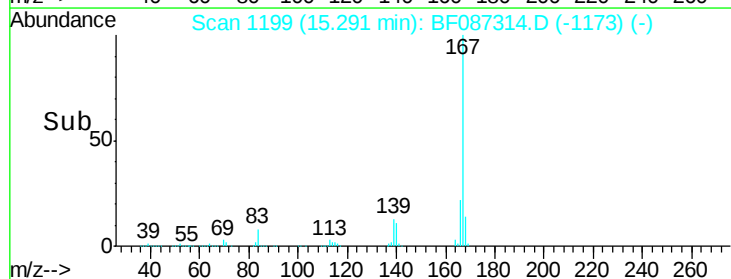
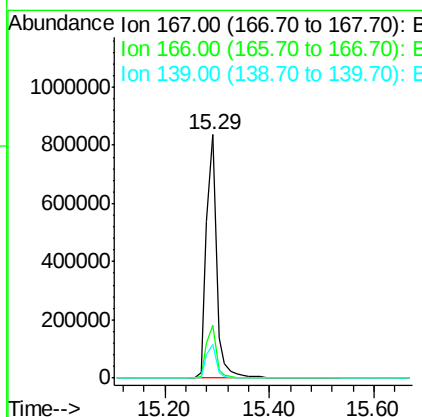
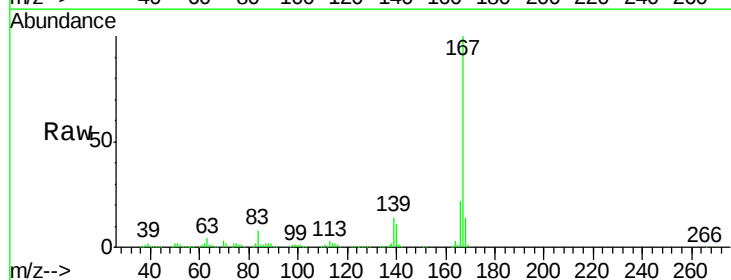
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#72
 Carbazole
 Concen: 45.27 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Tgt Ion:167 Resp: 1148990
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 13.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 43.65 ng

RT: 15.85 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Instrument :

BNA_F

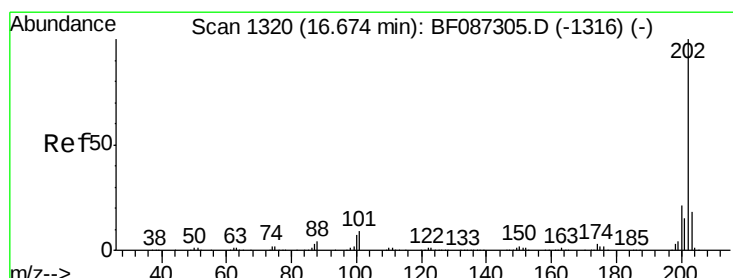
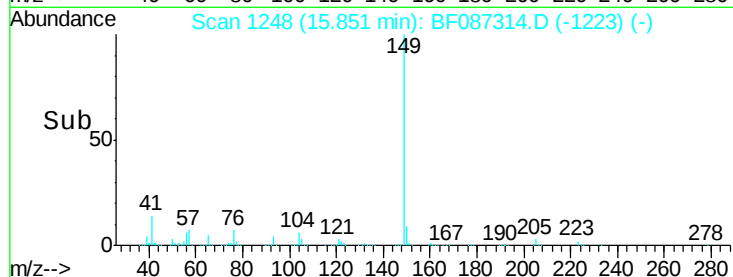
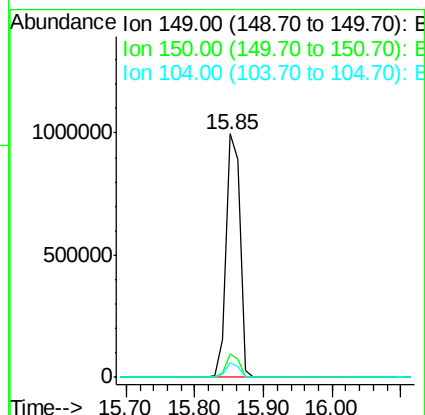
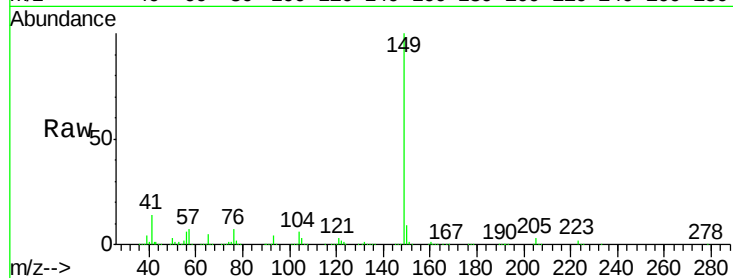
ClientSampleId :

PB90662BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	6.2	3.8	5.6

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#74

Fluoranthene

Concen: 41.79 ng

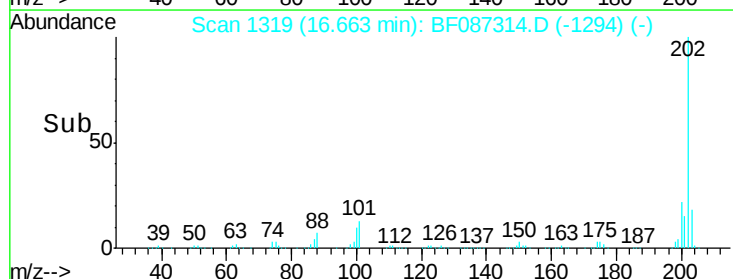
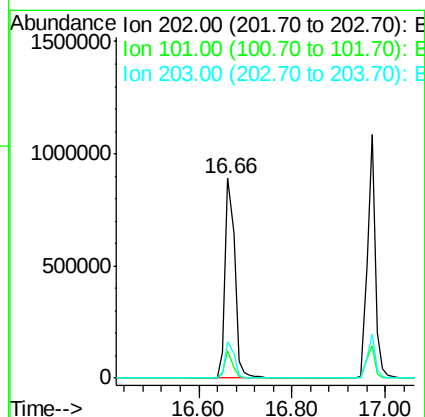
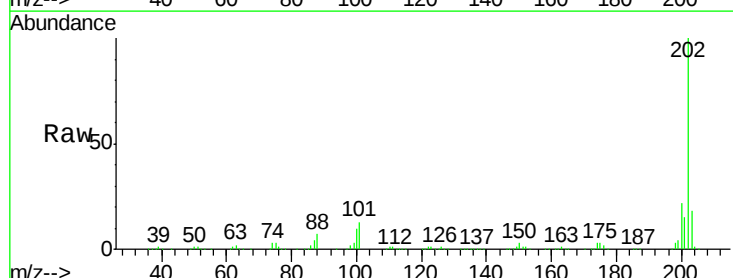
RT: 16.66 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	35.4
203	18.2	0.0	38.1





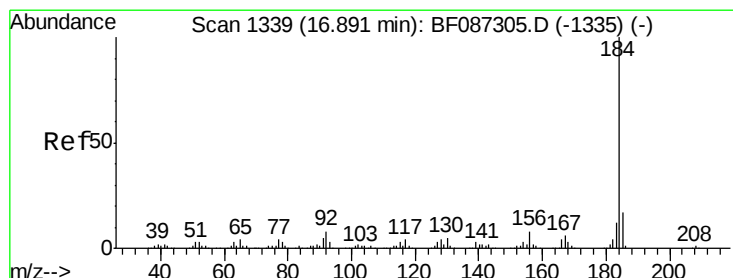
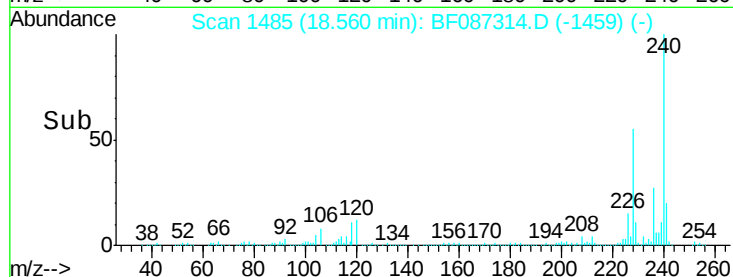
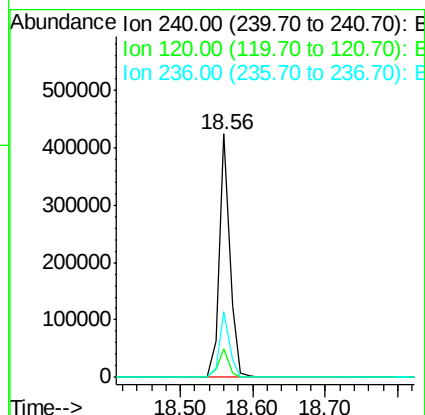
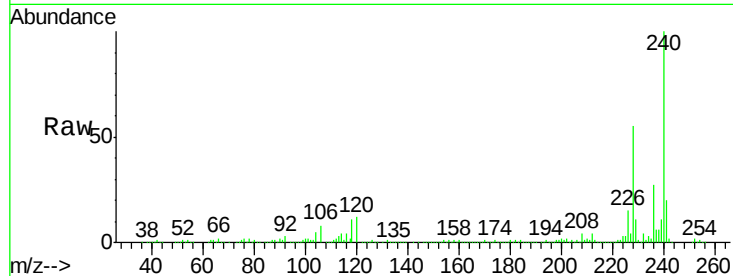
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.56 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	430670		
120	11.8		11.2	16.8
236	26.8		21.2	31.8

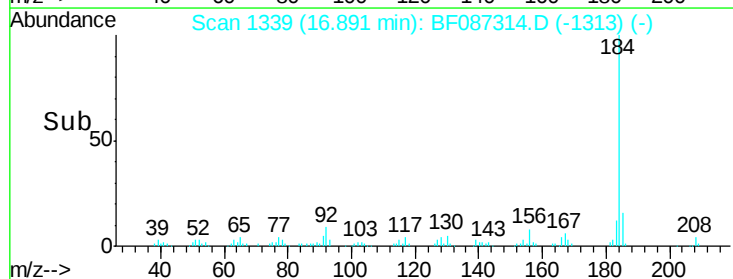
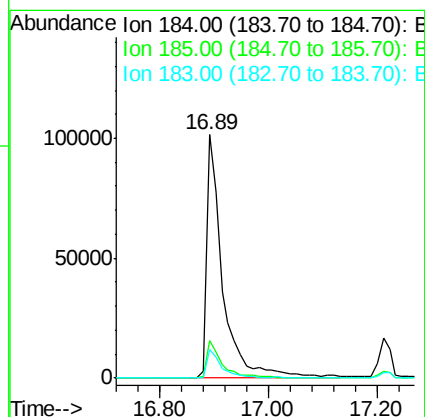
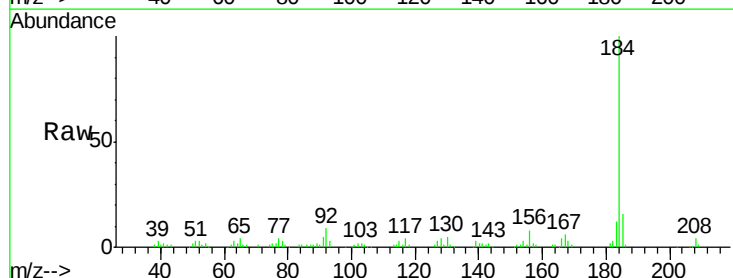
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#76
 Benzidine
 Concen: 18.69 ng
 RT: 16.89 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	207061		
185	15.6		13.6	20.4
183	11.6		9.8	14.6





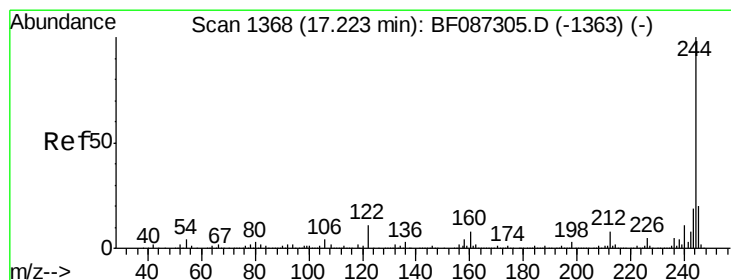
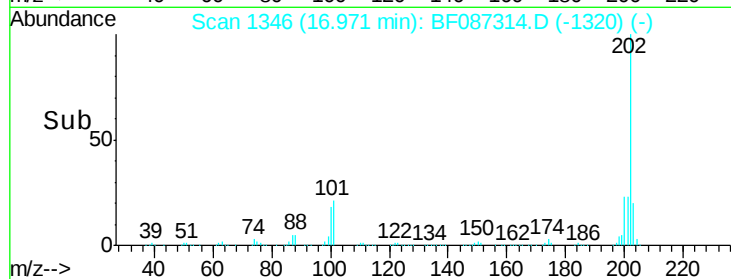
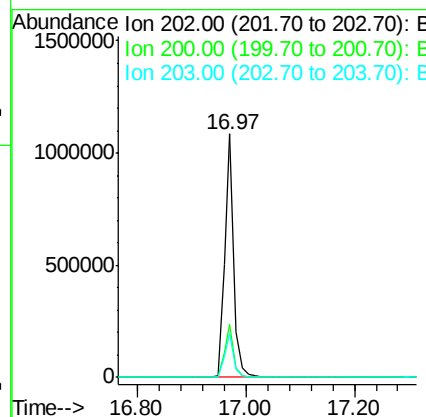
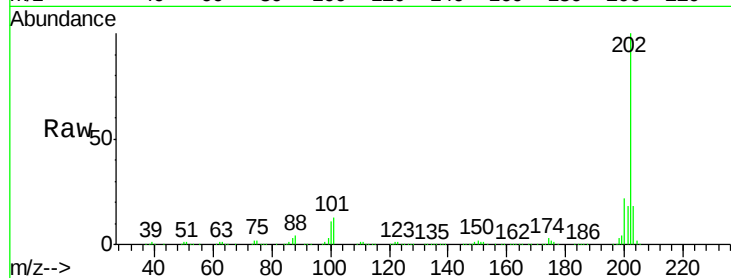
#77
 Pyrene
 Concen: 41.34 ng
 RT: 16.97 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	18.2	14.2	21.4

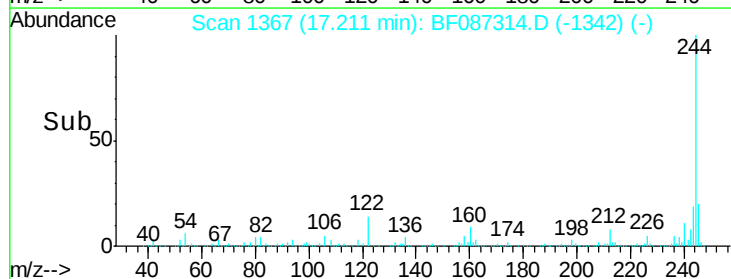
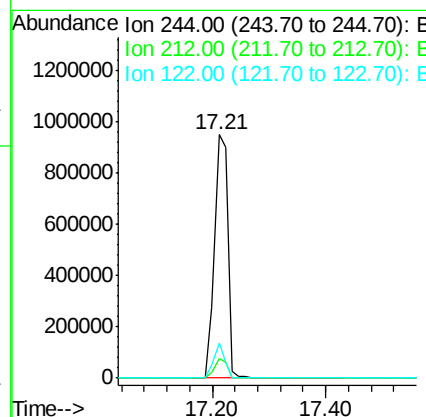
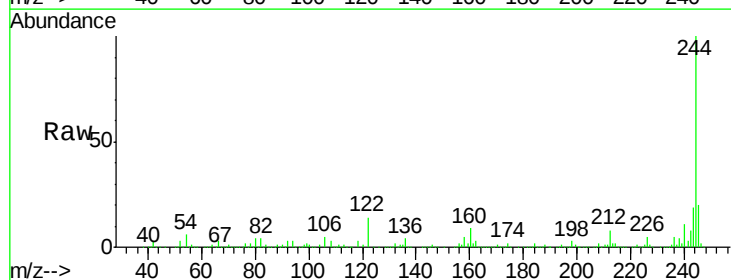
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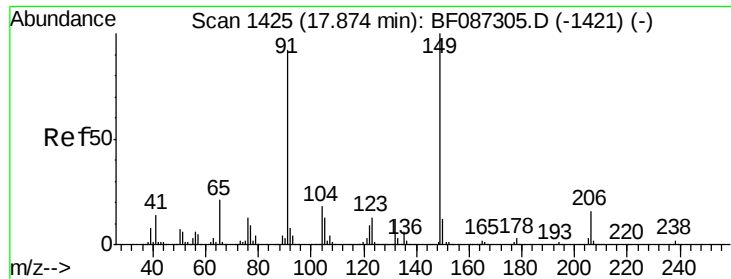
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#78
 Terphenyl-d14
 Concen: 73.89 ng
 RT: 17.21 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	14.3	12.0	18.0





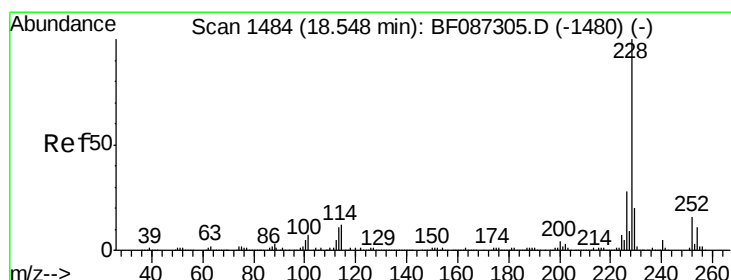
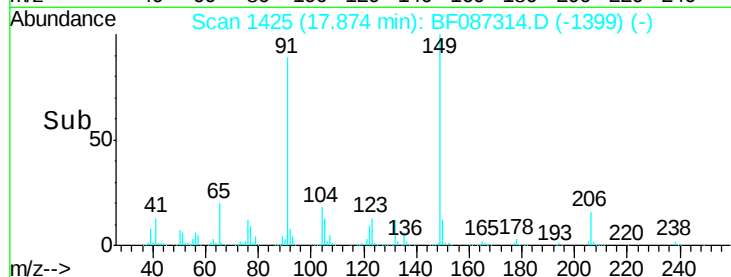
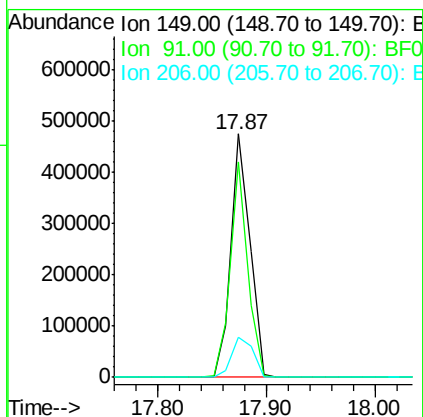
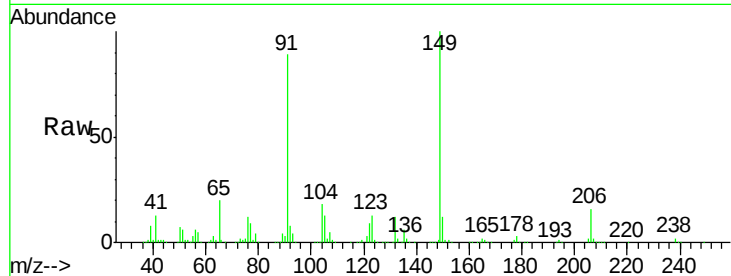
#79
Butylbenzylphthalate
Concen: 41.49 ng
RT: 17.87 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB90662BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	570375		
91	88.6	48.0	72.0#	
206	16.3	15.8	23.6	

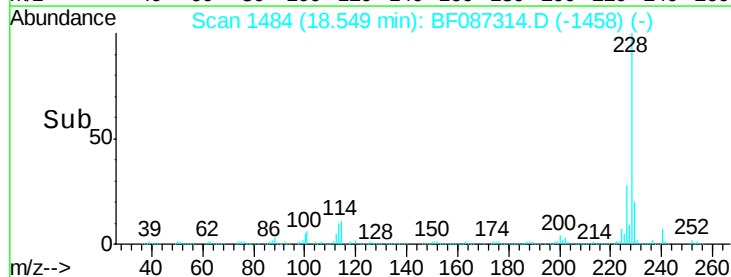
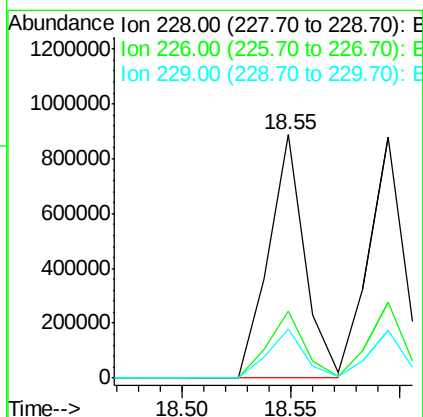
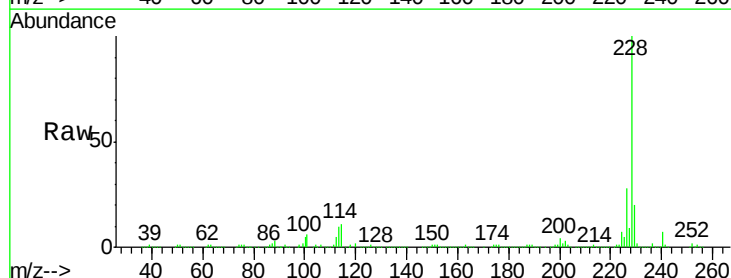
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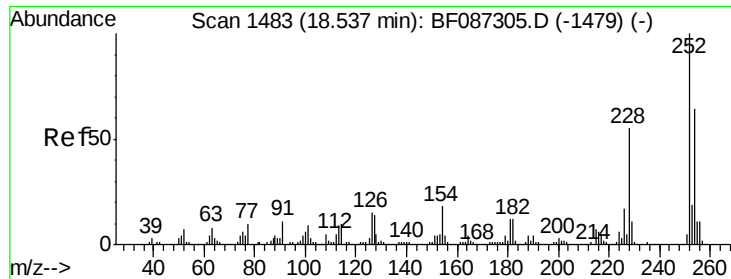
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#80
Benzo(a)anthracene
Concen: 42.19 ng
RT: 18.55 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1033435		
226	27.7	22.5	33.7	
229	20.0	16.6	25.0	





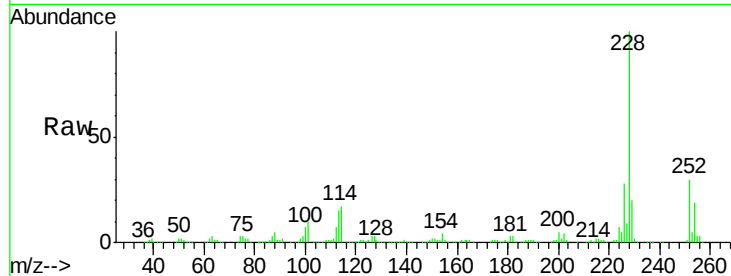
#81
 3,3'-Dichlorobenzidine
 Concen: 12.55 ng
 RT: 18.54 min Scan# 1483
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

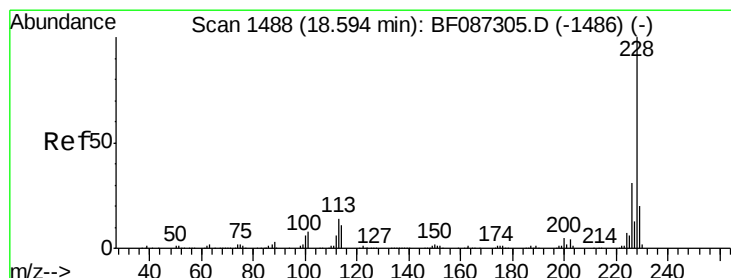
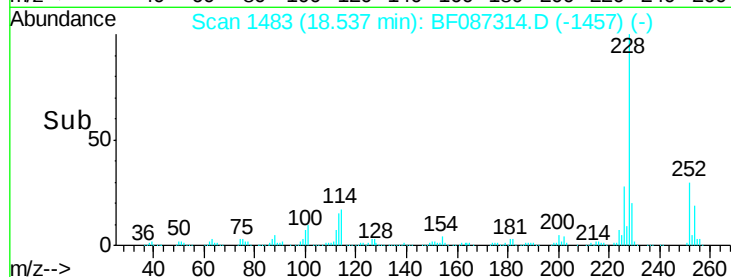
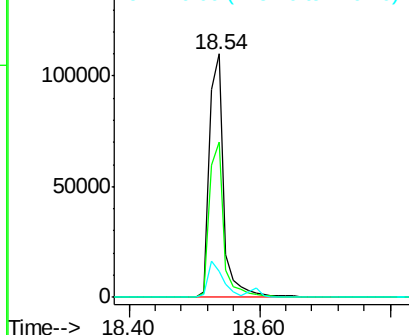
Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.8	50.7	76.1
126	10.7	12.7	19.1#

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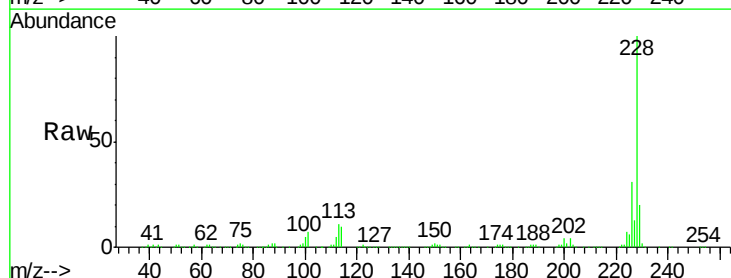


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

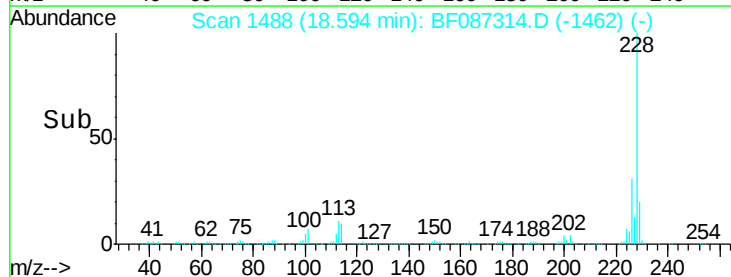
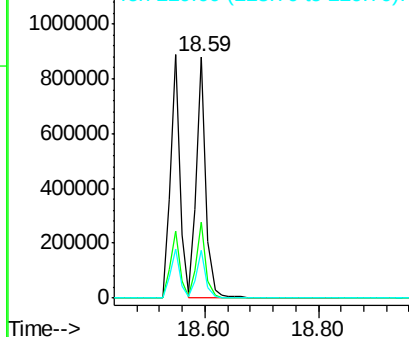


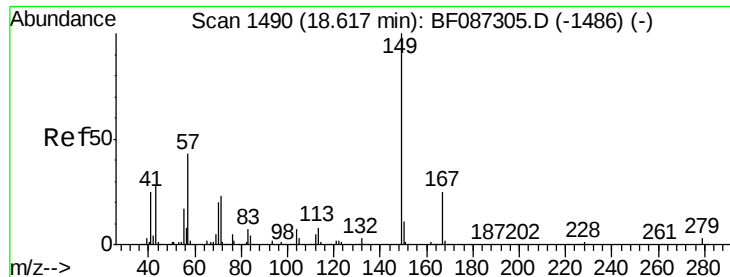
#82
 Chrysene
 Concen: 41.76 ng
 RT: 18.59 min Scan# 1488
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.3	24.4	36.6
229	20.0	15.8	23.8



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





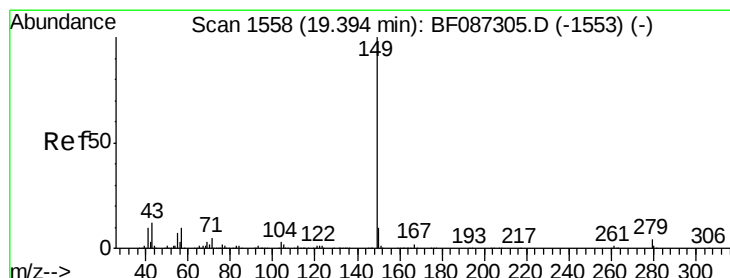
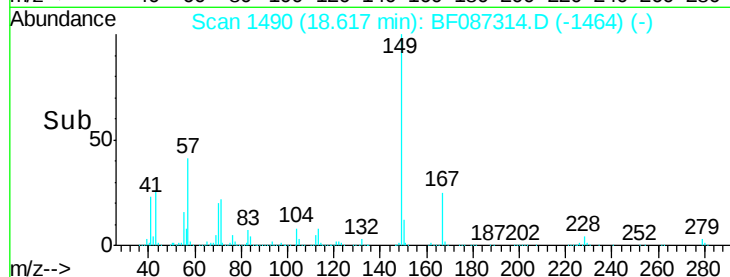
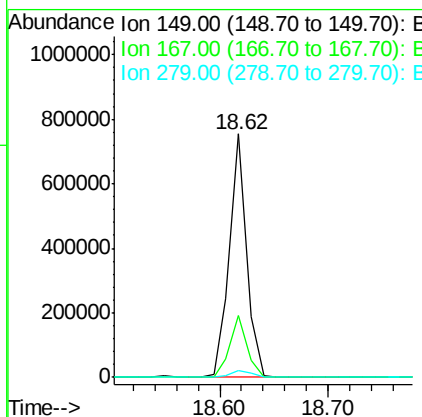
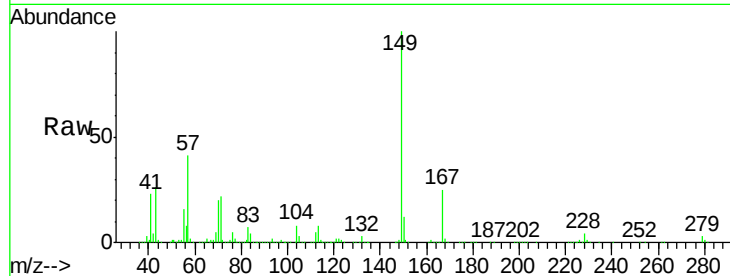
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.22 ng
 RT: 18.62 min Scan# 1490
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	826876		
167	25.4	21.8	32.6	
279	2.6	2.6	4.0#	

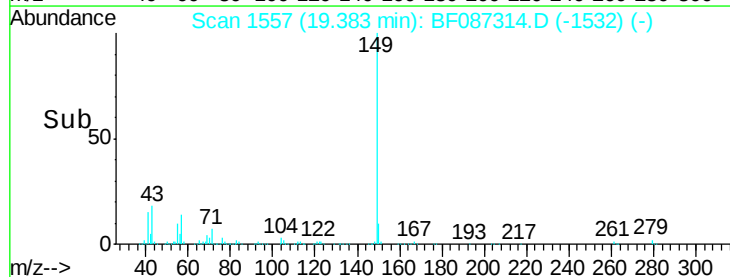
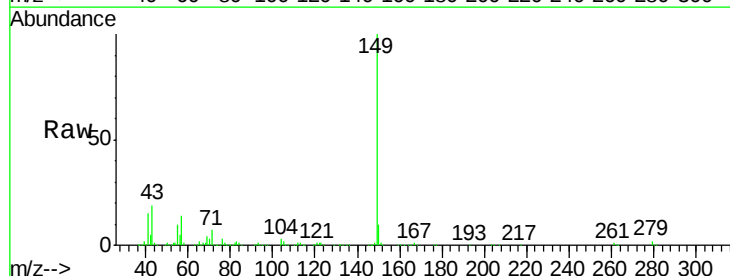
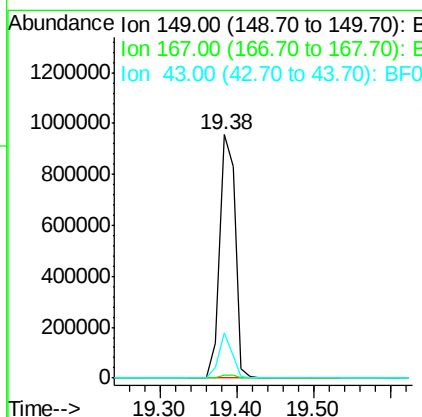
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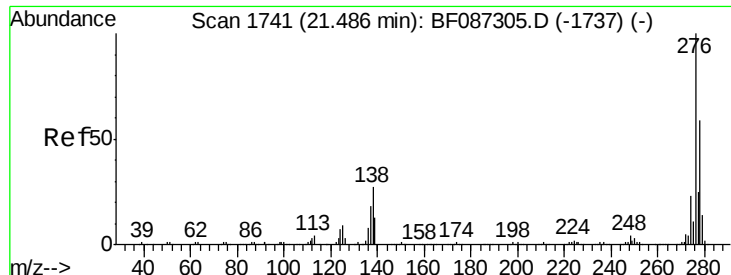
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#84
 Di-n-octyl phthalate
 Concen: 44.33 ng
 RT: 19.38 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1356222		
167	1.5	1.2	1.8	
43	15.9	8.2	12.4#	





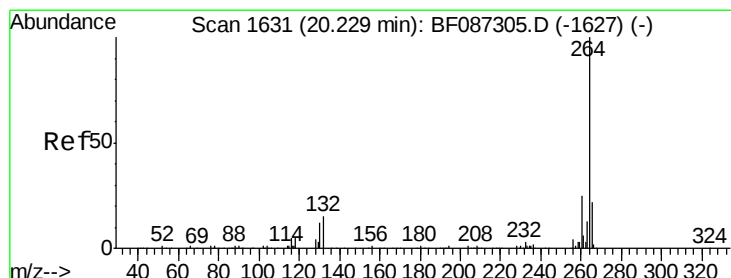
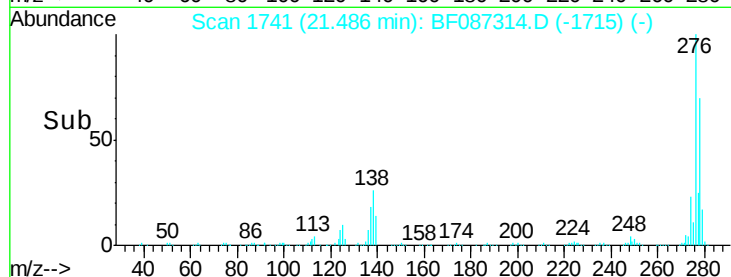
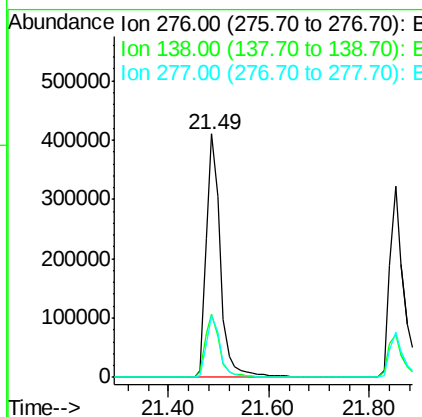
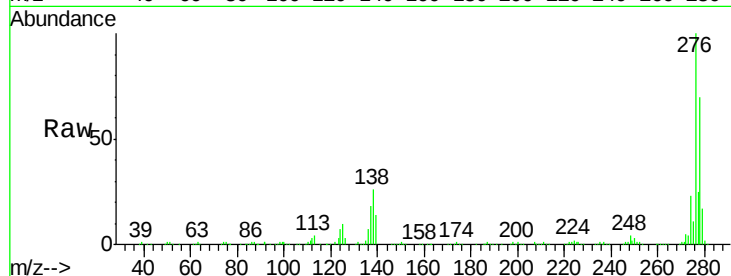
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.17 ng
 RT: 21.49 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampled :
 PB90662BS

Tgt	Ion	Resp	Lower	Upper
276	100			
138	26.8	25.6	38.4	
277	25.3	20.5	30.7	

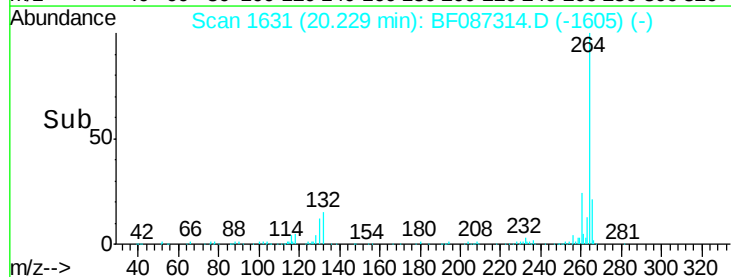
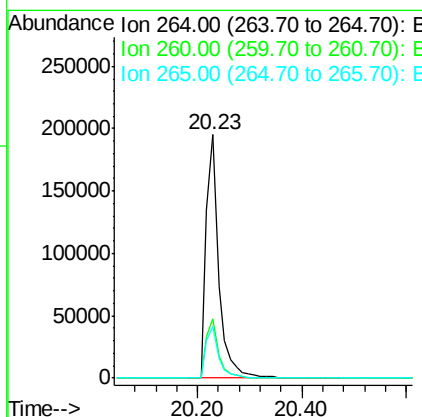
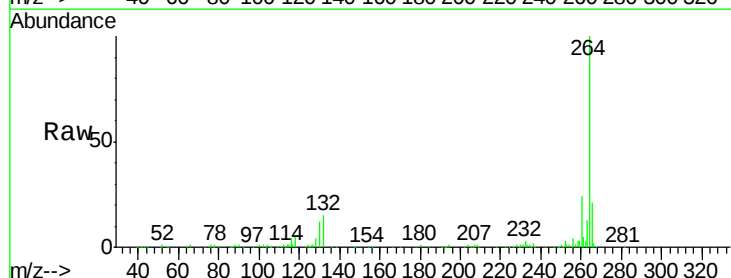
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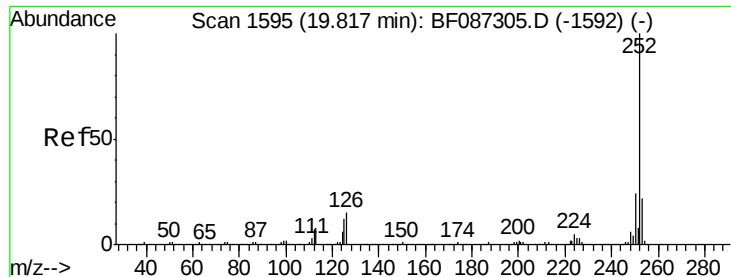
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.23 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Tgt	Ion	Resp	Lower	Upper
264	100			
260	24.1	19.5	29.3	
265	21.2	17.3	25.9	





#87

Benzo(b)fluoranthene

Concen: 39.77 ng m

RT: 19.82 min Scan# 1595

Delta R.T. 0.00 min

Lab File: BF087314.D

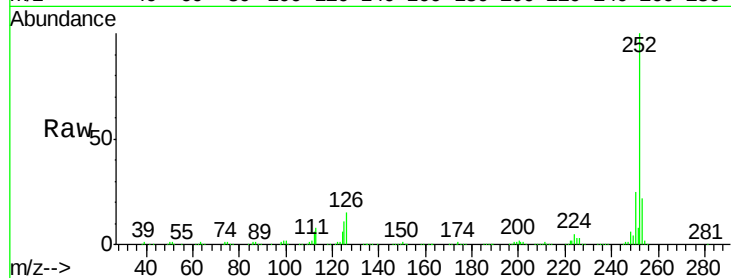
Acq: 23 May 2016 22:50

Instrument :

BNA_F

ClientSampleId :

PB90662BS



Tgt Ion: 252 Resp: 822142

Ion Ratio Lower Upper

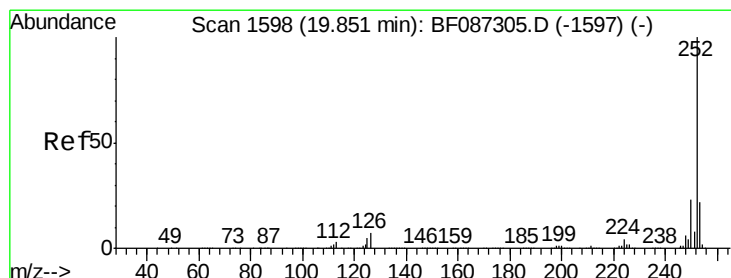
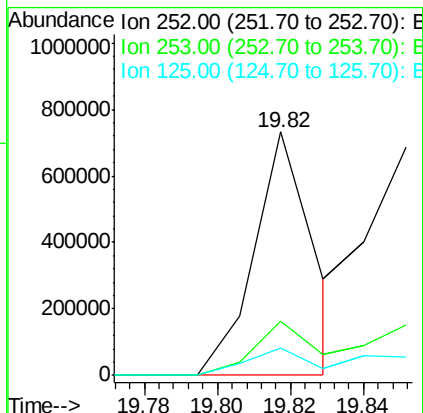
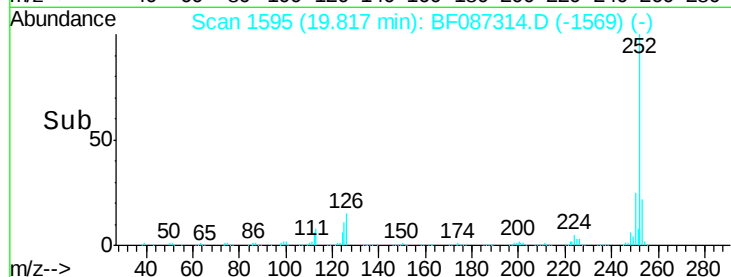
252 100

253 22.4 17.8 26.6

125 11.2 11.4 17.0#

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#88

Benzo(k)fluoranthene

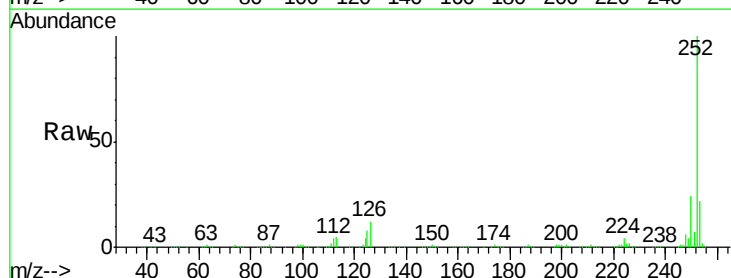
Concen: 51.70 ng m

RT: 19.85 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF087314.D

Acq: 23 May 2016 22:50



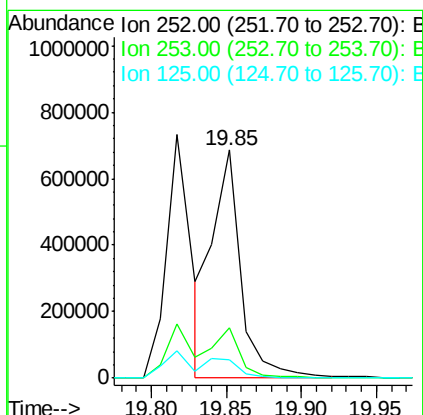
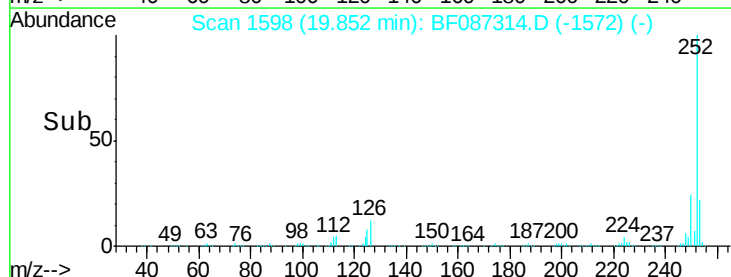
Tgt Ion: 252 Resp: 919804

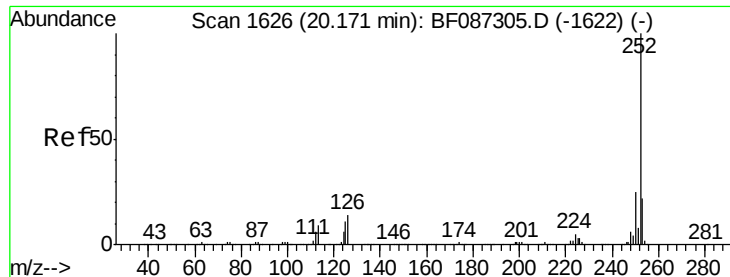
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.1 9.1 13.7#





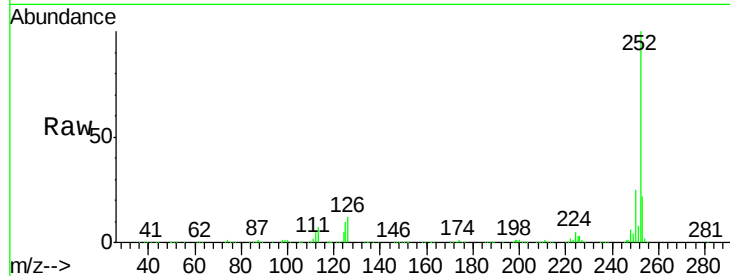
#89
Benzo(a)pyrene
Concen: 45.88 ng
RT: 20.17 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Instrument :
BNA_F
ClientSampleId :
PB90662BS

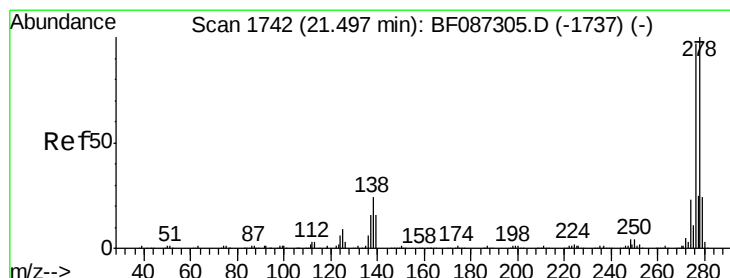
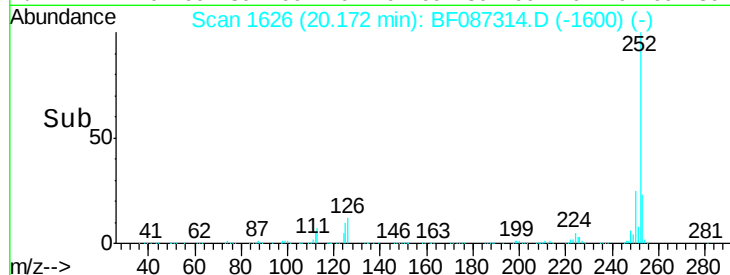
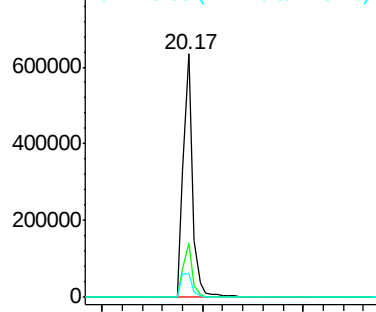
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.2	25.8
125	9.5	9.0	13.6

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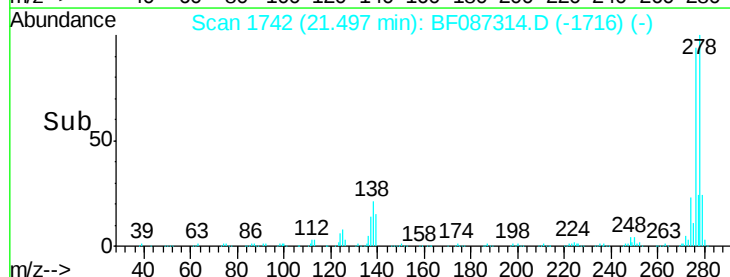
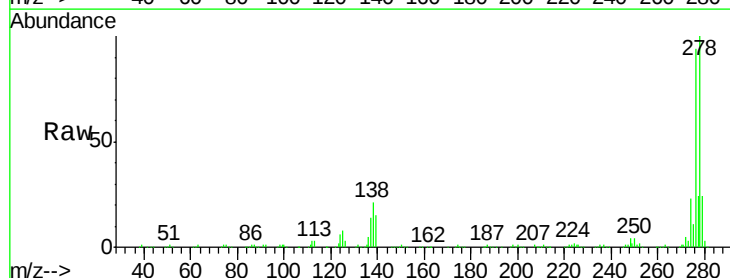
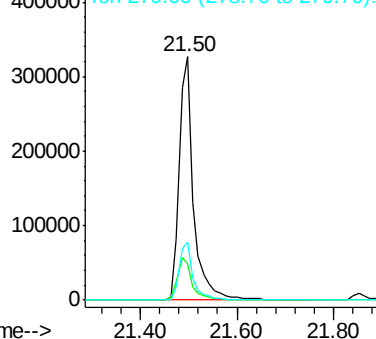
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

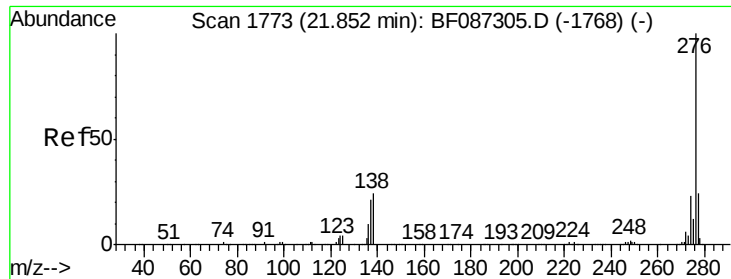


#90
Dibenzo(a,h)anthracene
Concen: 44.81 ng
RT: 21.50 min Scan# 1742
Delta R.T. 0.00 min
Lab File: BF087314.D
Acq: 23 May 2016 22:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.8	16.6	24.8#
279	23.9	19.6	29.4

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





#91
 Benzo(g,h,i)perylene
 Concen: 44.31 ng
 RT: 21.85 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BF087314.D
 Acq: 23 May 2016 22:50

Instrument :
 BNA_F
 ClientSampleId :
 PB90662BS

Tgt	Ion	276	Resp:	666682
Ion	Ratio	Lower	Upper	
276	100			
277	23.7	19.6	29.4	
138	22.5	23.6	35.4	#

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